

Pantheon Report

Generated at 2018-08-02 14:18:01 (UTC).

Data path: GCE Iowa Ethernet (*local*) → GCE Tokyo 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.

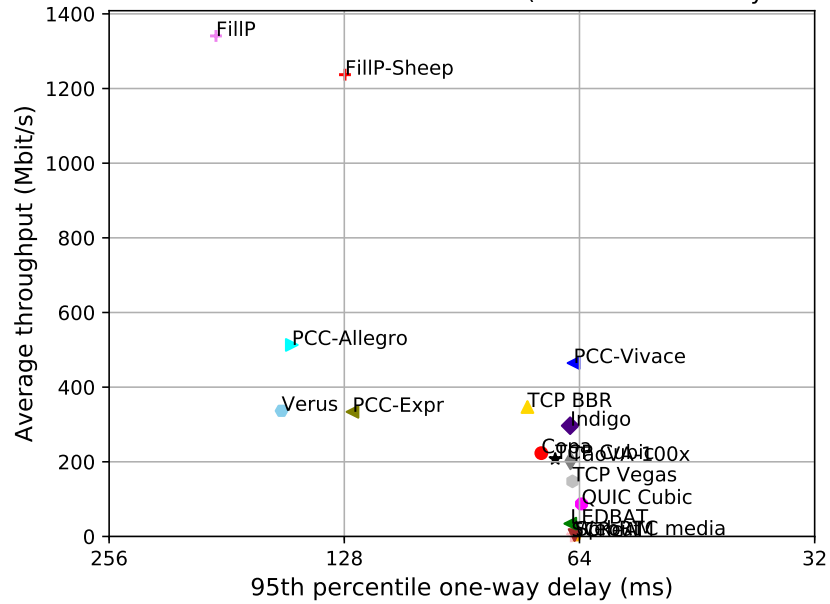
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

NTP offsets were measured against `time.google.com` and have been applied to correct the timestamps in logs.

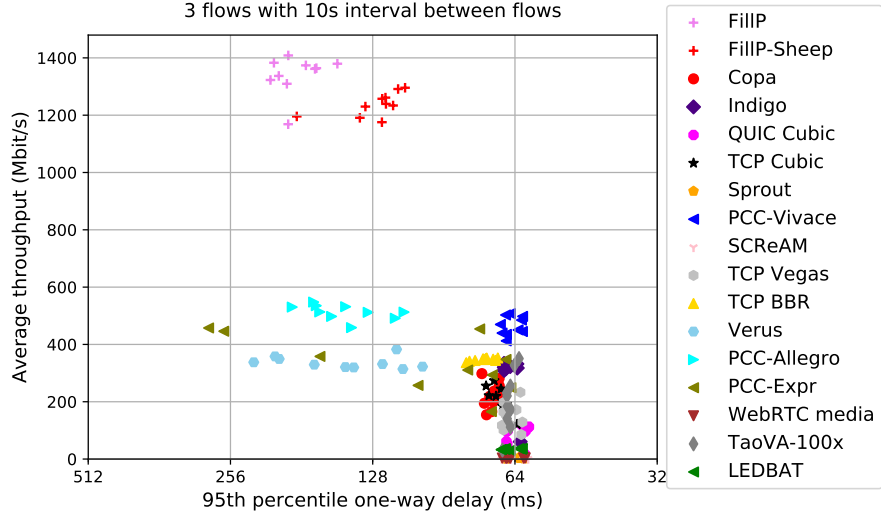
Git summary:

```
branch: master @ 640164b5b17c7c6561fff57729b3b5935d8596ce
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ daed0c84f98531712514b2231f43ec6901114ffe
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quic @ 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 GCE Iowa to GCE Tokyo, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows (mean of all runs by scheme)



test from GCE Iowa to GCE Tokyo, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows



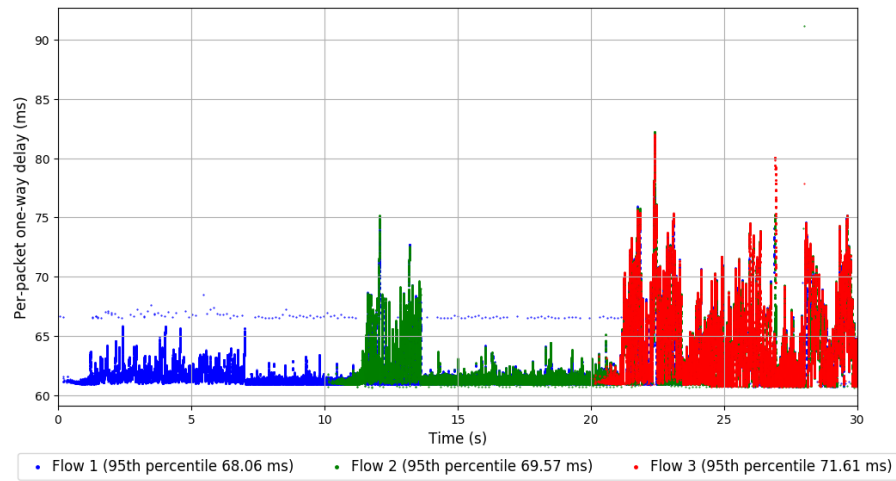
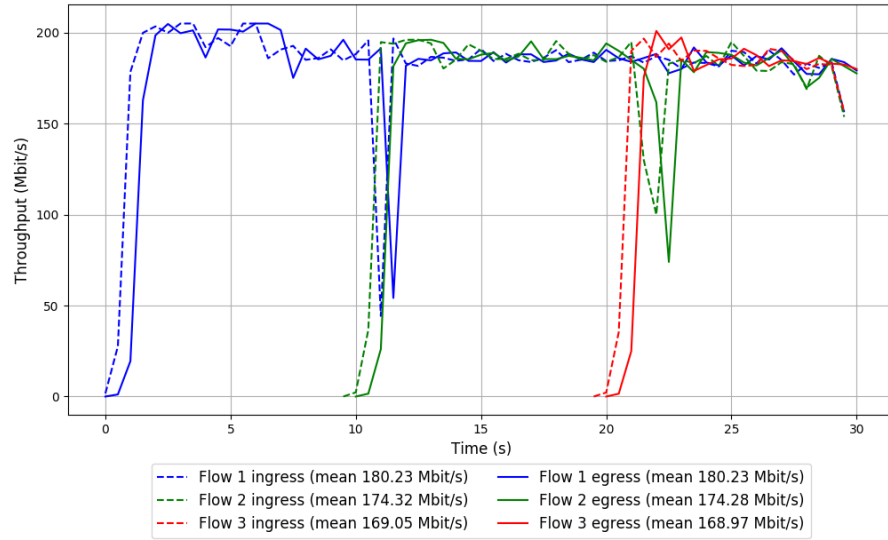
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	177.12	172.09	165.63	73.30	74.65	76.49	0.01	0.01	0.02
Copa	10	124.26	112.08	75.43	70.37	71.02	69.36	0.00	0.00	0.00
TCP Cubic	10	125.50	86.38	73.96	68.00	68.85	68.95	0.00	0.03	0.10
FillP	10	725.96	631.58	585.12	192.82	178.41	120.53	2.30	2.50	1.15
FillP-Sheep	10	678.54	602.11	476.35	127.14	125.42	91.27	0.29	0.30	0.09
Indigo	10	157.33	142.88	137.52	65.65	65.91	64.84	0.00	0.00	0.00
LEDBAT	10	22.11	14.80	7.40	65.81	65.28	65.05	0.00	0.00	0.00
PCC-Allegro	10	474.88	41.88	31.48	149.94	141.87	141.20	0.52	0.14	0.13
PCC-Expr	10	213.75	141.90	77.87	124.88	101.93	102.59	2.11	0.95	1.70
QUIC Cubic	10	37.61	47.61	54.80	62.57	62.54	61.39	0.00	0.00	0.00
SCReAM	10	0.22	0.22	0.22	64.45	63.80	62.11	0.00	0.00	0.00
Sprout	10	1.02	1.22	1.14	64.75	64.22	63.63	0.00	0.00	0.00
TaoVA-100x	10	102.06	100.69	127.47	65.00	65.58	65.23	0.00	0.00	0.00
TCP Vegas	10	79.83	69.85	64.00	65.13	65.43	65.75	0.00	0.00	0.03
Verus	10	216.55	125.78	114.16	148.34	136.88	160.68	0.60	0.45	1.62
PCC-Vivace	10	272.58	223.66	131.00	64.01	63.70	64.17	0.00	0.00	0.01
WebRTC media	10	1.92	1.27	0.50	63.84	61.53	64.84	0.00	0.00	0.01

Run 1: Statistics of TCP BBR

Start at: 2018-08-02 07:03:17
End at: 2018-08-02 07:03:47
Local clock offset: -0.039 ms
Remote clock offset: -0.138 ms

Below is generated by plot.py at 2018-08-02 11:33:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 352.82 Mbit/s
95th percentile per-packet one-way delay: 69.584 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 180.23 Mbit/s
95th percentile per-packet one-way delay: 68.065 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 174.28 Mbit/s
95th percentile per-packet one-way delay: 69.574 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 168.97 Mbit/s
95th percentile per-packet one-way delay: 71.606 ms
Loss rate: 0.05%

Run 1: Report of TCP BBR — Data Link

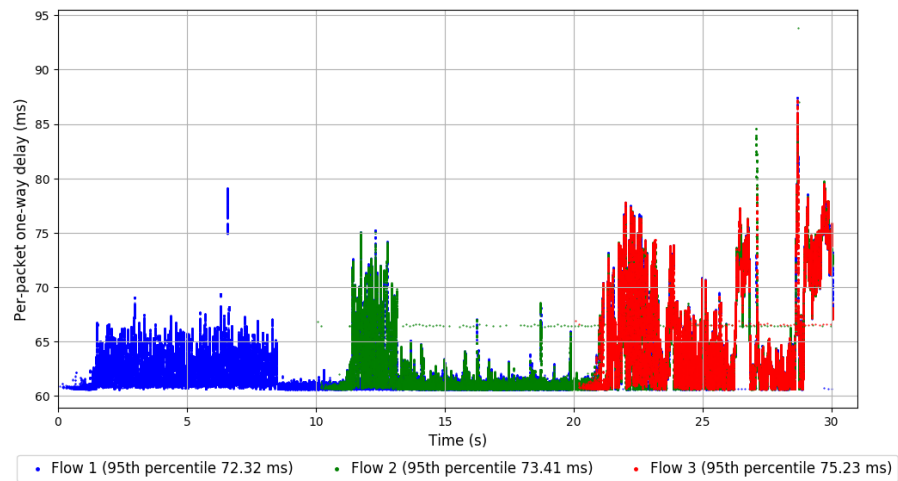
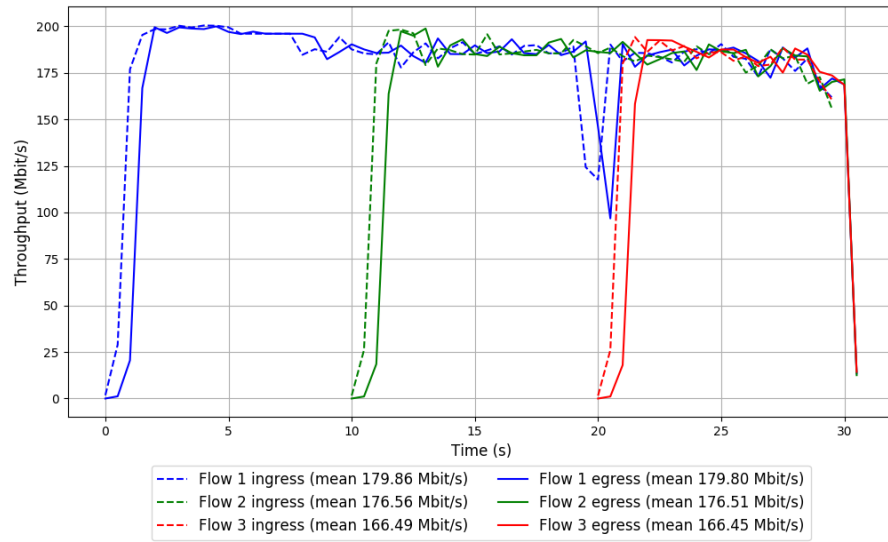


Run 2: Statistics of TCP BBR

Start at: 2018-08-02 07:27:53
End at: 2018-08-02 07:28:23
Local clock offset: -0.016 ms
Remote clock offset: -0.225 ms

Below is generated by plot.py at 2018-08-02 11:33:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 352.54 Mbit/s
95th percentile per-packet one-way delay: 73.452 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 179.80 Mbit/s
95th percentile per-packet one-way delay: 72.318 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 176.51 Mbit/s
95th percentile per-packet one-way delay: 73.411 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 166.45 Mbit/s
95th percentile per-packet one-way delay: 75.230 ms
Loss rate: 0.08%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2018-08-02 07:52:53

End at: 2018-08-02 07:53:23

Local clock offset: -0.022 ms

Remote clock offset: 0.892 ms

Below is generated by plot.py at 2018-08-02 11:33:30

Datalink statistics

-- Total of 3 flows:

Average throughput: 336.36 Mbit/s

95th percentile per-packet one-way delay: 81.137 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 172.79 Mbit/s

95th percentile per-packet one-way delay: 78.885 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 165.56 Mbit/s

95th percentile per-packet one-way delay: 81.244 ms

Loss rate: 0.00%

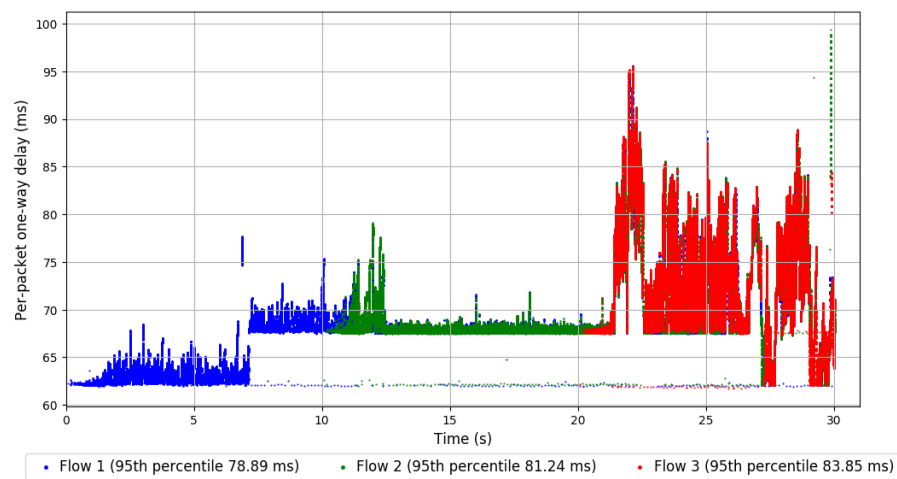
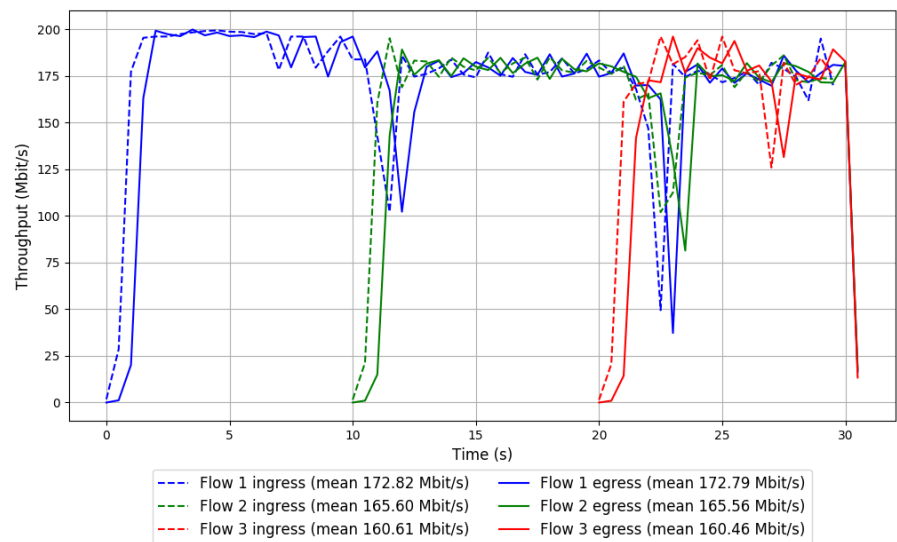
-- Flow 3:

Average throughput: 160.46 Mbit/s

95th percentile per-packet one-way delay: 83.848 ms

Loss rate: 0.00%

Run 3: Report of TCP BBR — Data Link

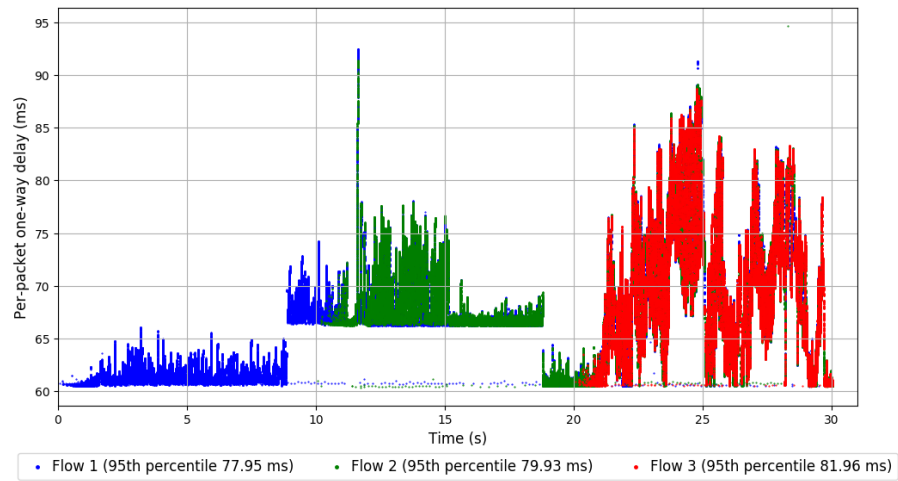
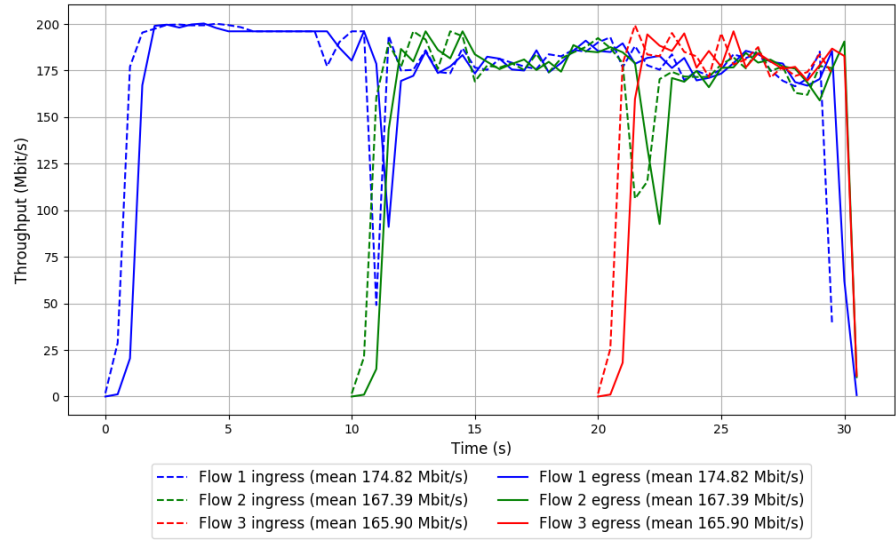


Run 4: Statistics of TCP BBR

Start at: 2018-08-02 08:17:21
End at: 2018-08-02 08:17:51
Local clock offset: -0.025 ms
Remote clock offset: -0.435 ms

Below is generated by plot.py at 2018-08-02 11:33:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 341.34 Mbit/s
95th percentile per-packet one-way delay: 79.880 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 174.82 Mbit/s
95th percentile per-packet one-way delay: 77.950 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 167.39 Mbit/s
95th percentile per-packet one-way delay: 79.926 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 165.90 Mbit/s
95th percentile per-packet one-way delay: 81.964 ms
Loss rate: 0.00%

Run 4: Report of TCP BBR — Data Link

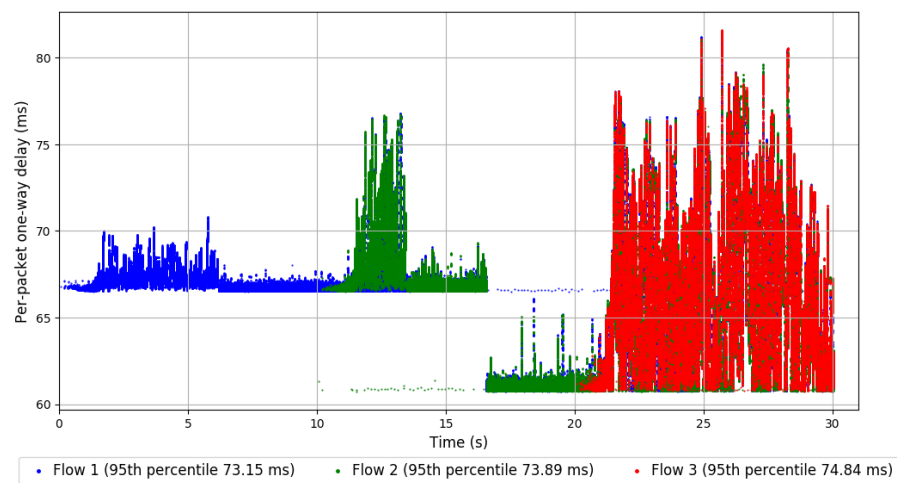
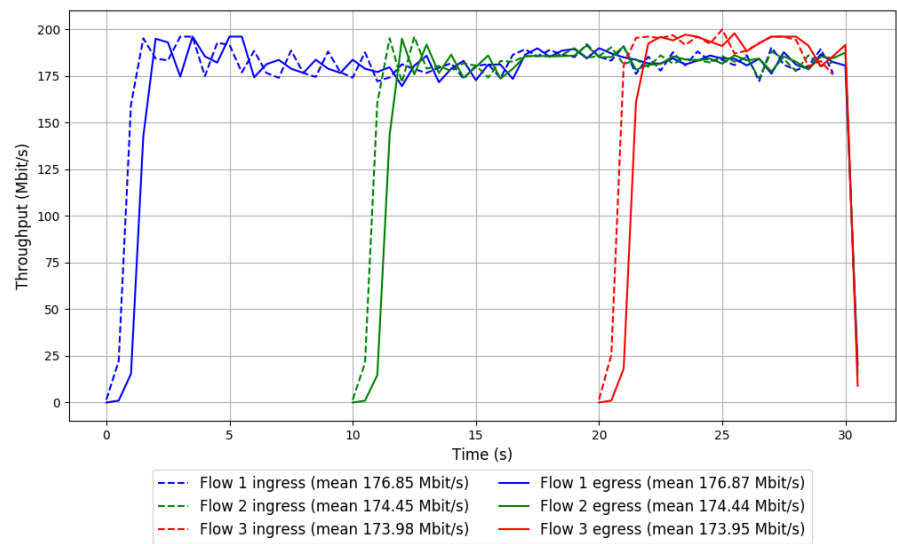


Run 5: Statistics of TCP BBR

Start at: 2018-08-02 08:42:13
End at: 2018-08-02 08:42:43
Local clock offset: -0.028 ms
Remote clock offset: -0.163 ms

Below is generated by plot.py at 2018-08-02 11:33:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 350.87 Mbit/s
95th percentile per-packet one-way delay: 73.804 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 176.87 Mbit/s
95th percentile per-packet one-way delay: 73.154 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 174.44 Mbit/s
95th percentile per-packet one-way delay: 73.890 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 173.95 Mbit/s
95th percentile per-packet one-way delay: 74.840 ms
Loss rate: 0.00%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-08-02 09:07:11

End at: 2018-08-02 09:07:41

Local clock offset: -0.056 ms

Remote clock offset: 0.07 ms

Below is generated by plot.py at 2018-08-02 11:33:30

Datalink statistics

-- Total of 3 flows:

Average throughput: 347.20 Mbit/s

95th percentile per-packet one-way delay: 74.236 ms

Loss rate: 0.05%

-- Flow 1:

Average throughput: 178.18 Mbit/s

95th percentile per-packet one-way delay: 73.326 ms

Loss rate: 0.04%

-- Flow 2:

Average throughput: 170.55 Mbit/s

95th percentile per-packet one-way delay: 74.511 ms

Loss rate: 0.06%

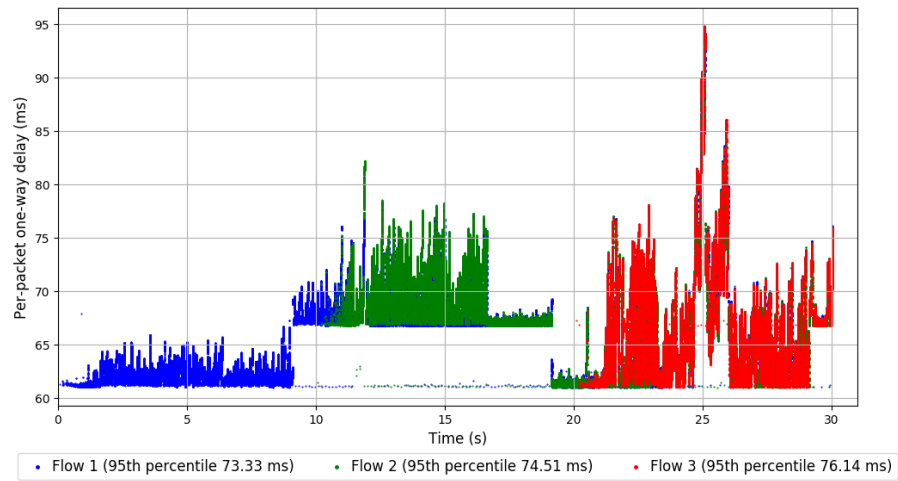
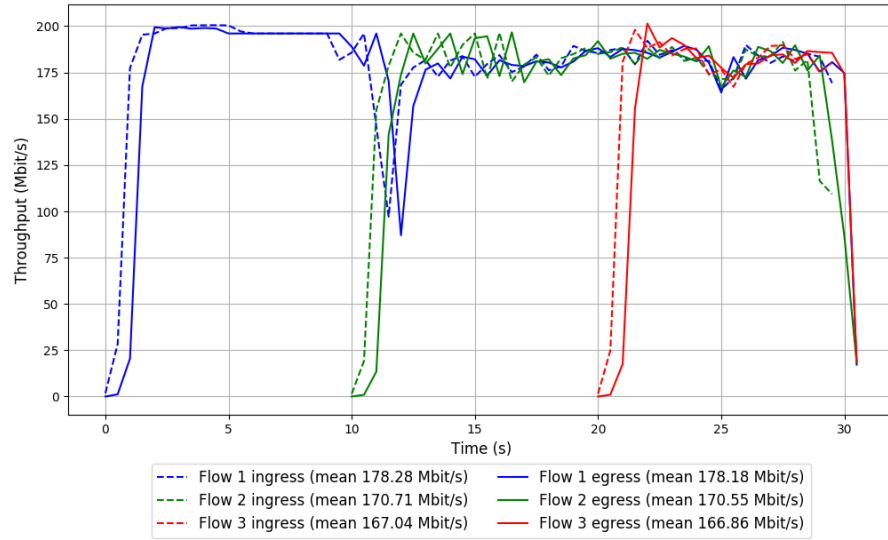
-- Flow 3:

Average throughput: 166.86 Mbit/s

95th percentile per-packet one-way delay: 76.143 ms

Loss rate: 0.09%

Run 6: Report of TCP BBR — Data Link

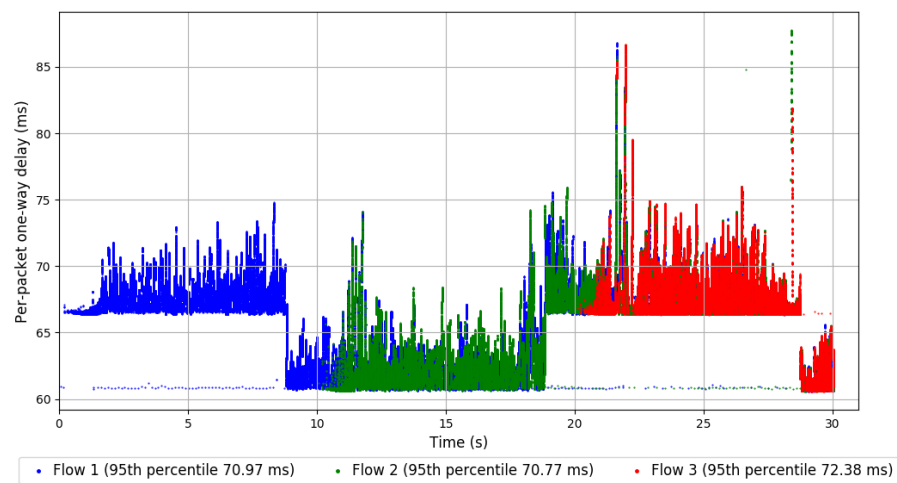
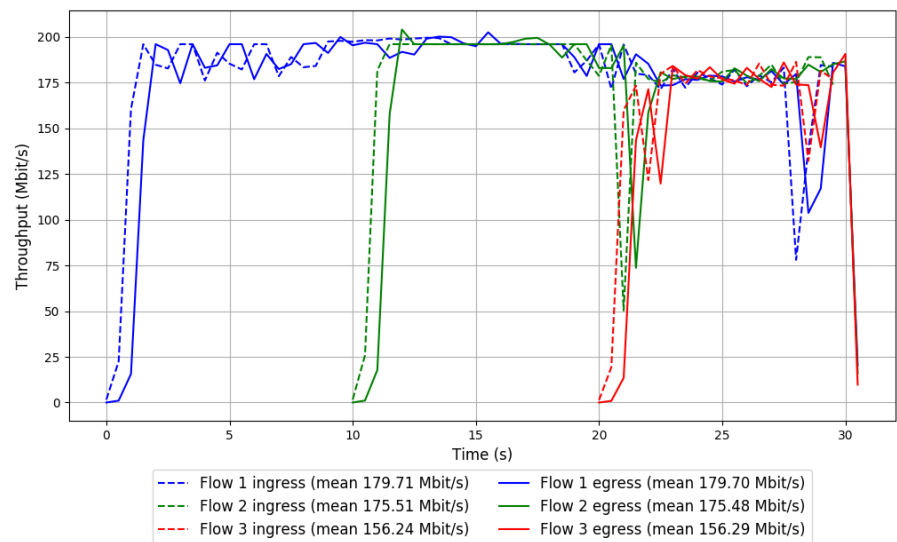


Run 7: Statistics of TCP BBR

Start at: 2018-08-02 09:32:11
End at: 2018-08-02 09:32:41
Local clock offset: -0.107 ms
Remote clock offset: -0.305 ms

Below is generated by plot.py at 2018-08-02 11:33:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 348.48 Mbit/s
95th percentile per-packet one-way delay: 71.168 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 179.70 Mbit/s
95th percentile per-packet one-way delay: 70.971 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 175.48 Mbit/s
95th percentile per-packet one-way delay: 70.768 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 156.29 Mbit/s
95th percentile per-packet one-way delay: 72.382 ms
Loss rate: 0.00%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-08-02 09:57:06

End at: 2018-08-02 09:57:36

Local clock offset: -0.08 ms

Remote clock offset: -0.02 ms

Below is generated by plot.py at 2018-08-02 11:33:30

Datalink statistics

-- Total of 3 flows:

Average throughput: 344.06 Mbit/s

95th percentile per-packet one-way delay: 77.724 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 174.42 Mbit/s

95th percentile per-packet one-way delay: 75.490 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 170.41 Mbit/s

95th percentile per-packet one-way delay: 78.018 ms

Loss rate: 0.05%

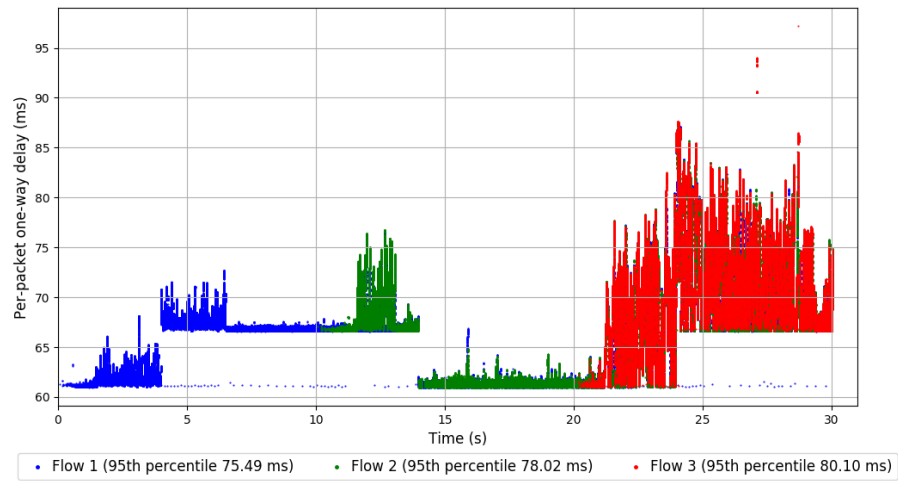
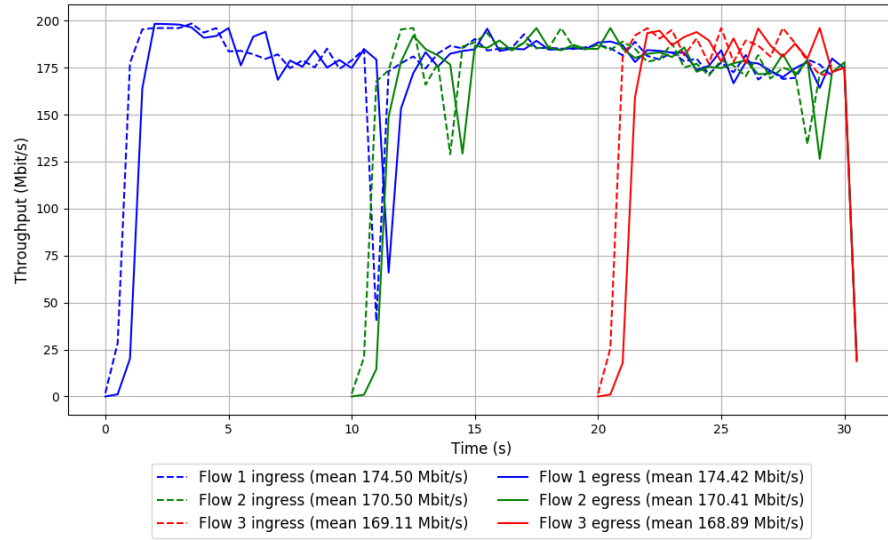
-- Flow 3:

Average throughput: 168.89 Mbit/s

95th percentile per-packet one-way delay: 80.104 ms

Loss rate: 0.00%

Run 8: Report of TCP BBR — Data Link

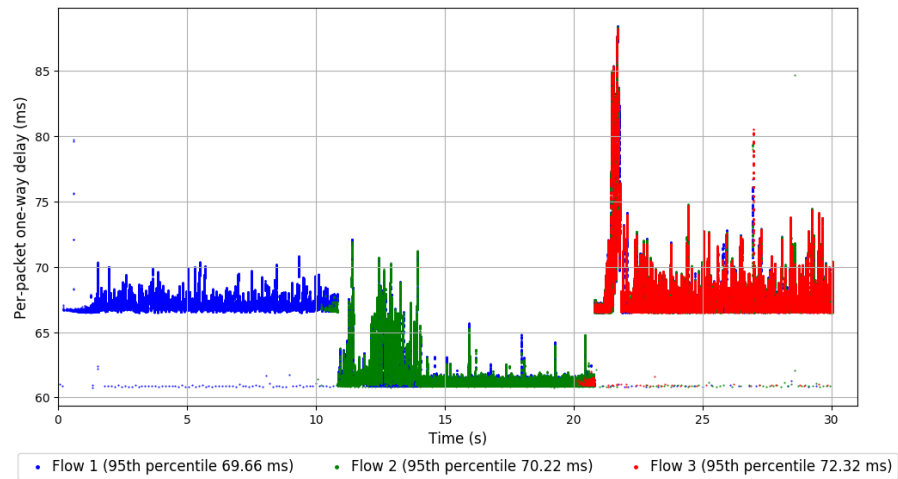
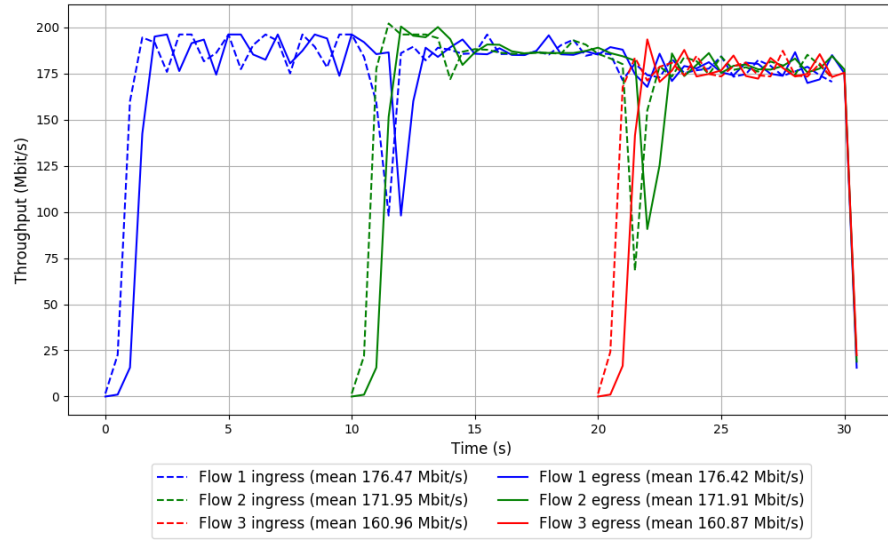


Run 9: Statistics of TCP BBR

Start at: 2018-08-02 10:21:59
End at: 2018-08-02 10:22:29
Local clock offset: -0.143 ms
Remote clock offset: -0.123 ms

Below is generated by plot.py at 2018-08-02 11:39:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 344.31 Mbit/s
95th percentile per-packet one-way delay: 70.363 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 176.42 Mbit/s
95th percentile per-packet one-way delay: 69.657 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 171.91 Mbit/s
95th percentile per-packet one-way delay: 70.222 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 160.87 Mbit/s
95th percentile per-packet one-way delay: 72.322 ms
Loss rate: 0.00%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2018-08-02 10:46:43

End at: 2018-08-02 10:47:13

Local clock offset: -0.171 ms

Remote clock offset: 1.323 ms

Below is generated by plot.py at 2018-08-02 11:39:40

Datalink statistics

-- Total of 3 flows:

Average throughput: 349.92 Mbit/s

95th percentile per-packet one-way delay: 74.760 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 177.96 Mbit/s

95th percentile per-packet one-way delay: 73.143 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 174.39 Mbit/s

95th percentile per-packet one-way delay: 74.916 ms

Loss rate: 0.00%

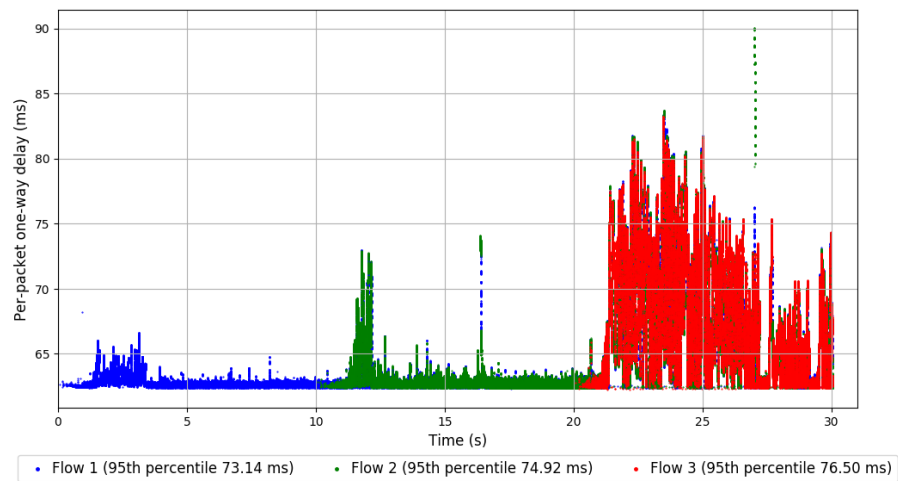
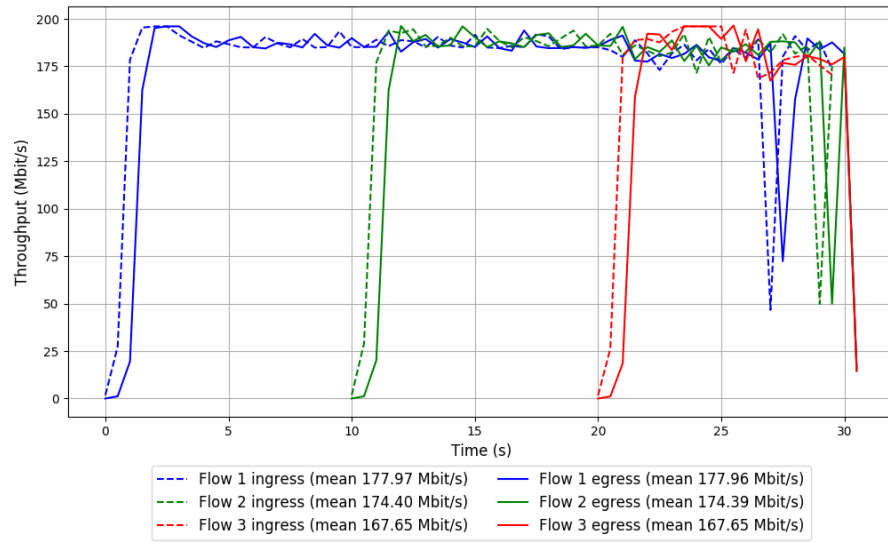
-- Flow 3:

Average throughput: 167.65 Mbit/s

95th percentile per-packet one-way delay: 76.502 ms

Loss rate: 0.00%

Run 10: Report of TCP BBR — Data Link

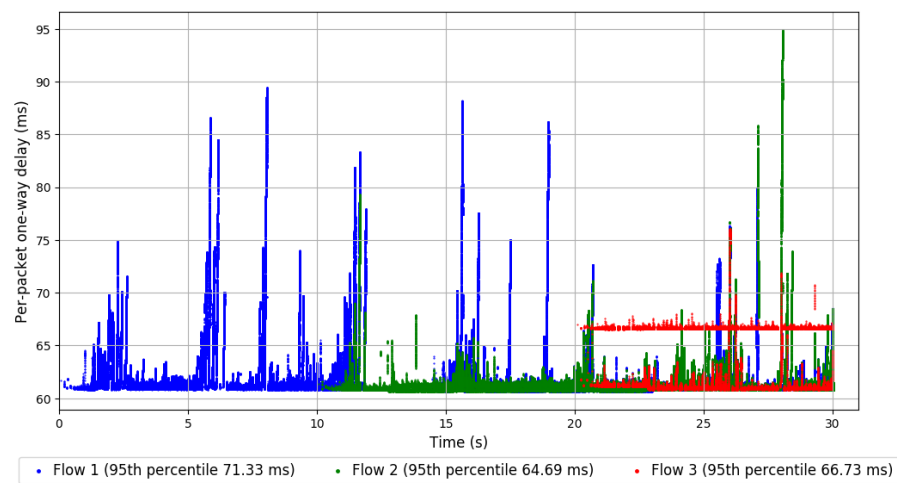
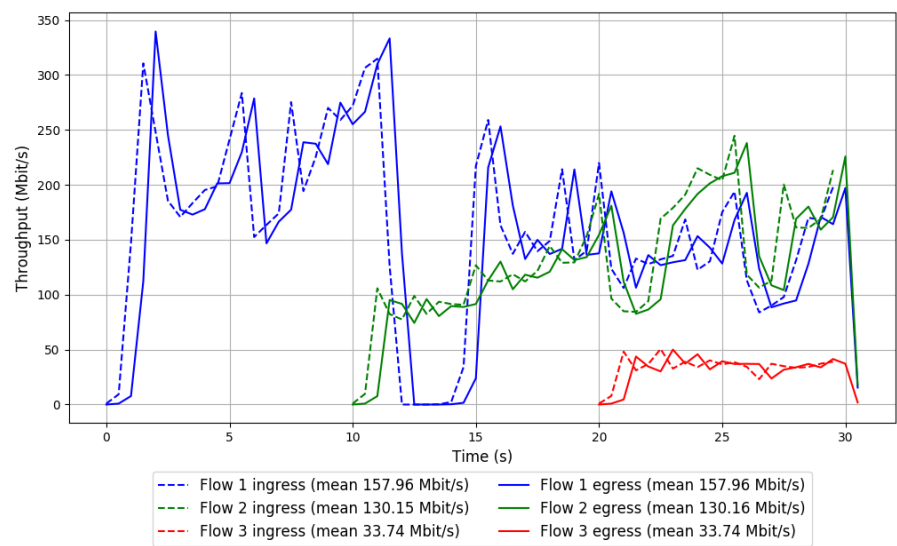


Run 1: Statistics of Copa

Start at: 2018-08-02 07:22:47
End at: 2018-08-02 07:23:17
Local clock offset: -0.048 ms
Remote clock offset: -0.027 ms

Below is generated by plot.py at 2018-08-02 11:41:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 255.83 Mbit/s
95th percentile per-packet one-way delay: 69.097 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 157.96 Mbit/s
95th percentile per-packet one-way delay: 71.335 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 130.16 Mbit/s
95th percentile per-packet one-way delay: 64.695 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 33.74 Mbit/s
95th percentile per-packet one-way delay: 66.729 ms
Loss rate: 0.00%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2018-08-02 07:47:54

End at: 2018-08-02 07:48:24

Local clock offset: -0.03 ms

Remote clock offset: 1.156 ms

Below is generated by plot.py at 2018-08-02 11:41:53

Datalink statistics

-- Total of 3 flows:

Average throughput: 165.63 Mbit/s

95th percentile per-packet one-way delay: 71.668 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 98.82 Mbit/s

95th percentile per-packet one-way delay: 73.841 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 75.81 Mbit/s

95th percentile per-packet one-way delay: 68.897 ms

Loss rate: 0.00%

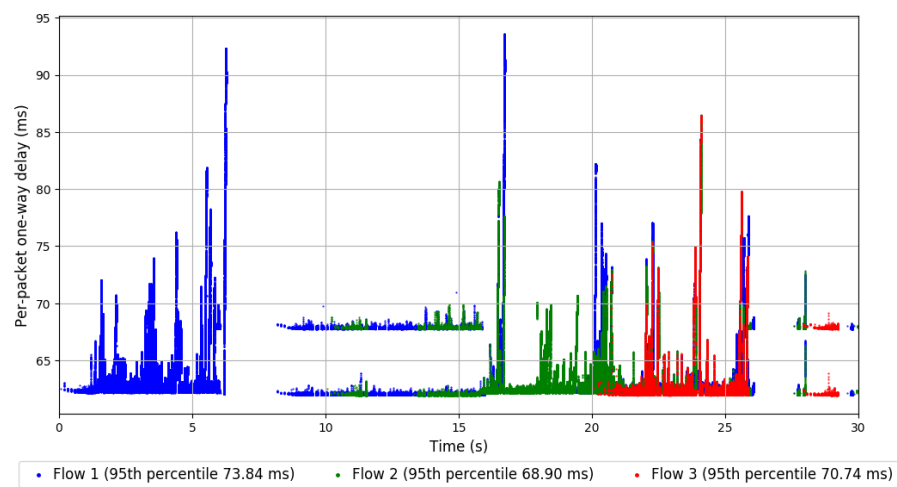
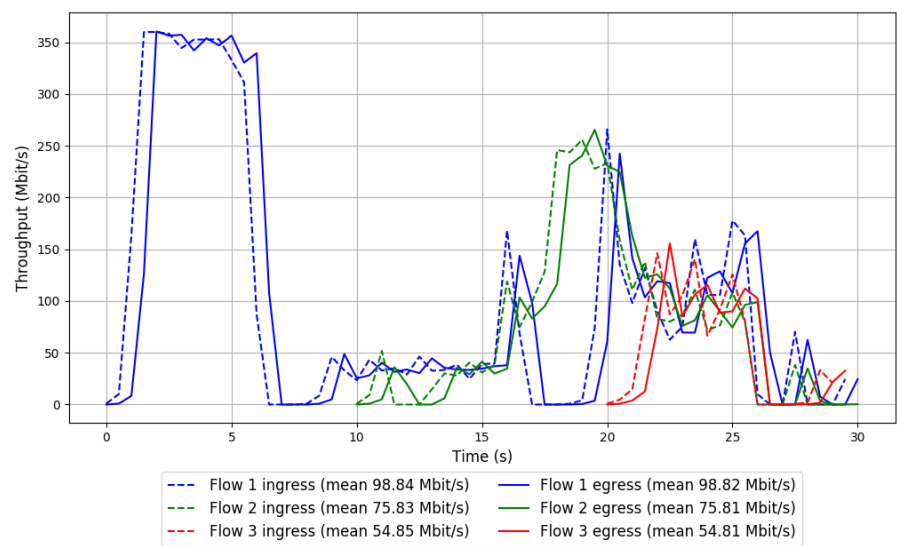
-- Flow 3:

Average throughput: 54.81 Mbit/s

95th percentile per-packet one-way delay: 70.744 ms

Loss rate: 0.00%

Run 2: Report of Copa — Data Link

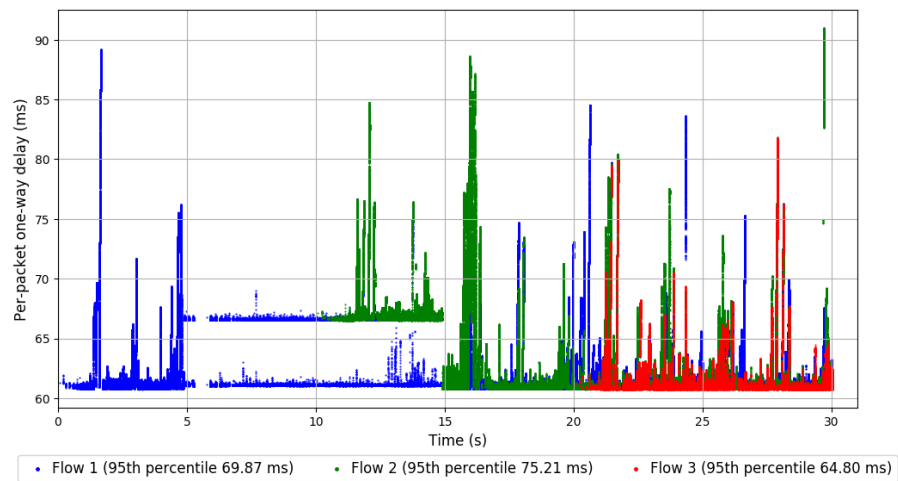
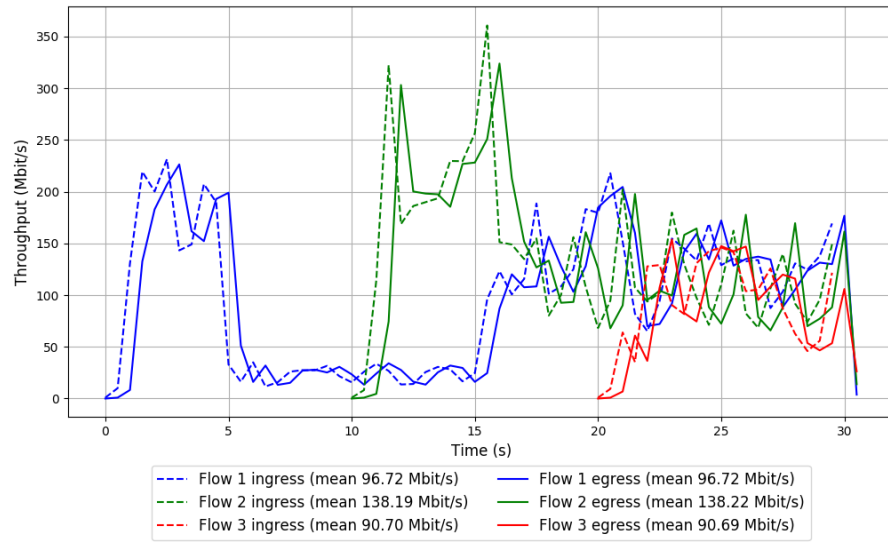


Run 3: Statistics of Copa

Start at: 2018-08-02 08:12:25
End at: 2018-08-02 08:12:55
Local clock offset: 0.002 ms
Remote clock offset: -0.094 ms

Below is generated by plot.py at 2018-08-02 11:41:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 218.89 Mbit/s
95th percentile per-packet one-way delay: 72.354 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.72 Mbit/s
95th percentile per-packet one-way delay: 69.873 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 138.22 Mbit/s
95th percentile per-packet one-way delay: 75.212 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 90.69 Mbit/s
95th percentile per-packet one-way delay: 64.795 ms
Loss rate: 0.00%

Run 3: Report of Copa — Data Link

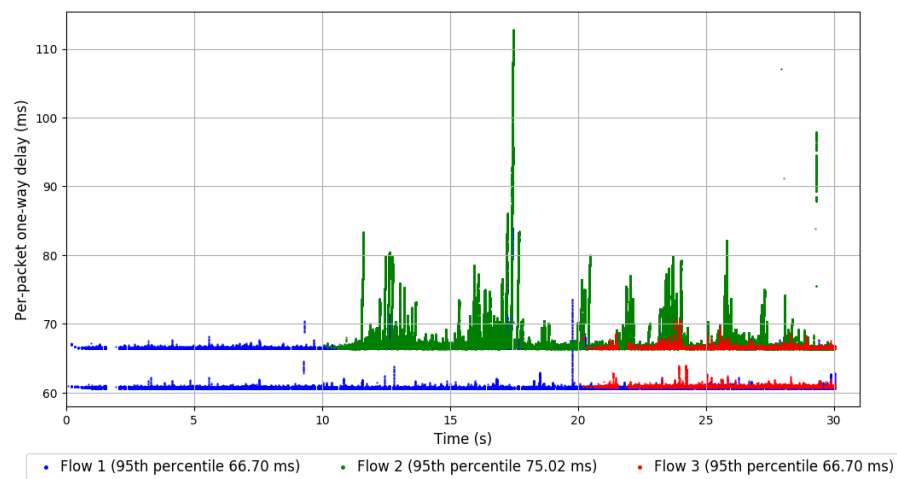
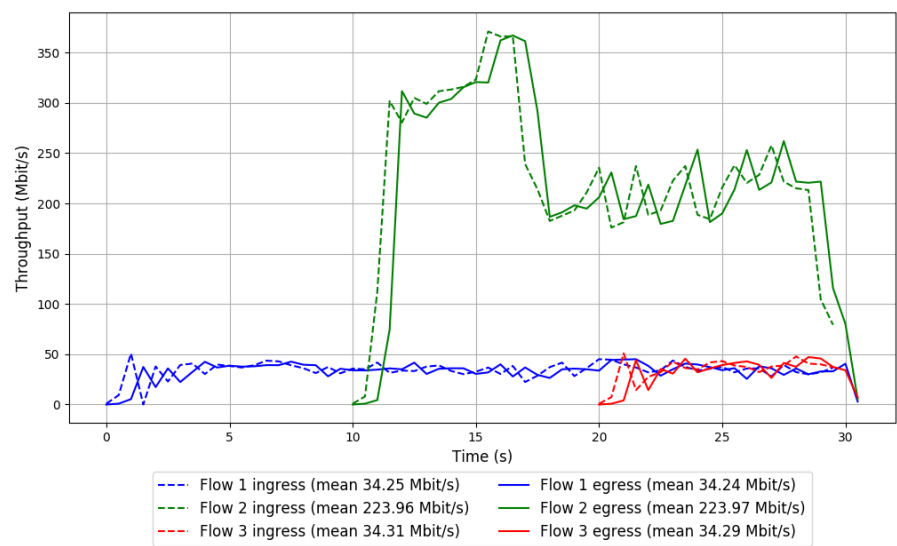


Run 4: Statistics of Copa

Start at: 2018-08-02 08:37:11
End at: 2018-08-02 08:37:41
Local clock offset: -0.047 ms
Remote clock offset: -0.304 ms

Below is generated by plot.py at 2018-08-02 11:41:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 194.67 Mbit/s
95th percentile per-packet one-way delay: 74.290 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.24 Mbit/s
95th percentile per-packet one-way delay: 66.703 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 223.97 Mbit/s
95th percentile per-packet one-way delay: 75.017 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 34.29 Mbit/s
95th percentile per-packet one-way delay: 66.700 ms
Loss rate: 0.00%

Run 4: Report of Copa — Data Link

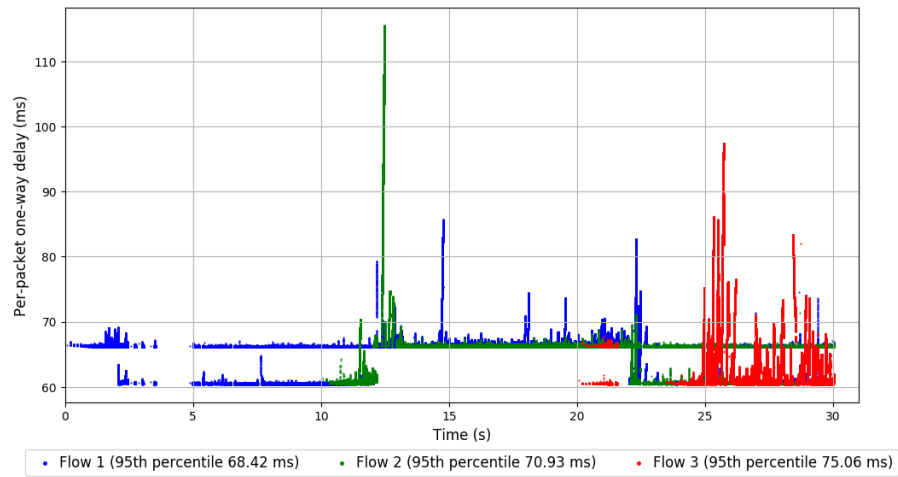
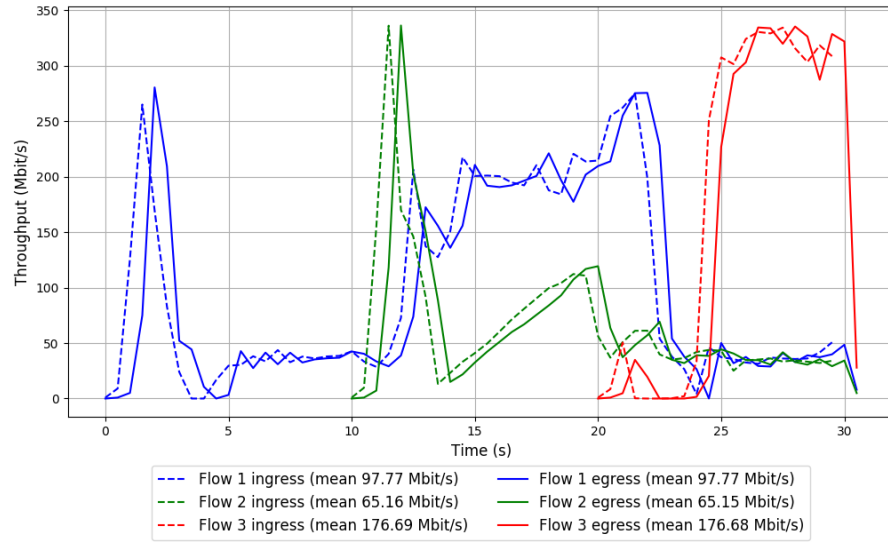


Run 5: Statistics of Copa

Start at: 2018-08-02 09:02:08
End at: 2018-08-02 09:02:38
Local clock offset: -0.01 ms
Remote clock offset: -0.476 ms

Below is generated by plot.py at 2018-08-02 11:41:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 199.87 Mbit/s
95th percentile per-packet one-way delay: 71.117 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.77 Mbit/s
95th percentile per-packet one-way delay: 68.422 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 65.15 Mbit/s
95th percentile per-packet one-way delay: 70.934 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 176.68 Mbit/s
95th percentile per-packet one-way delay: 75.059 ms
Loss rate: 0.00%

Run 5: Report of Copa — Data Link

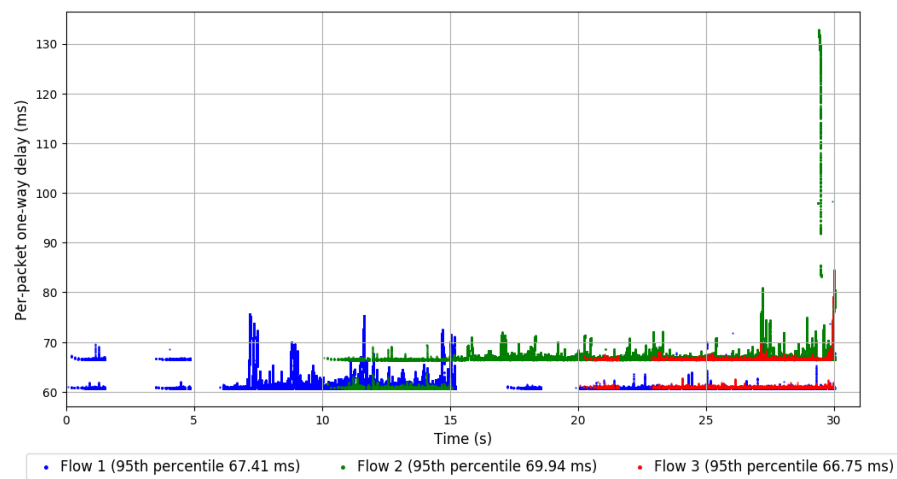
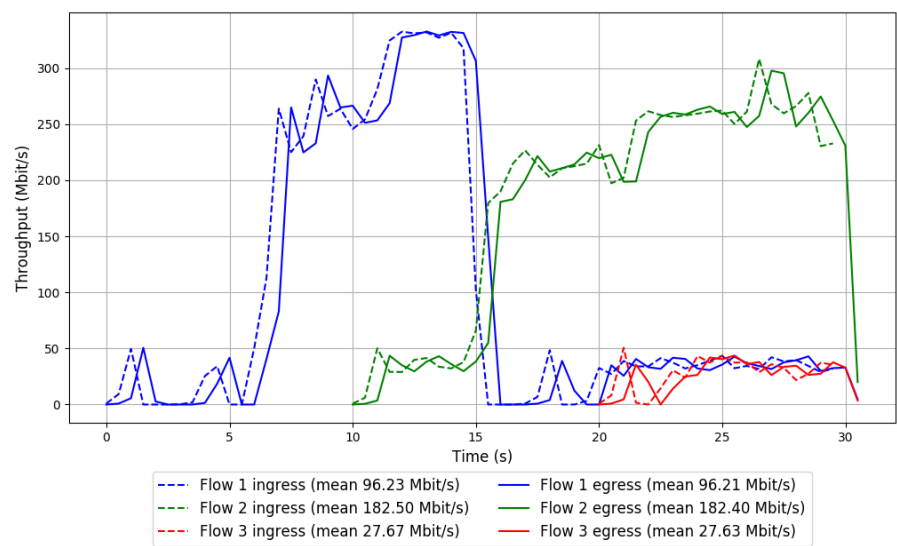


Run 6: Statistics of Copa

Start at: 2018-08-02 09:27:05
End at: 2018-08-02 09:27:35
Local clock offset: -0.092 ms
Remote clock offset: -0.192 ms

Below is generated by plot.py at 2018-08-02 11:41:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 226.81 Mbit/s
95th percentile per-packet one-way delay: 68.934 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.21 Mbit/s
95th percentile per-packet one-way delay: 67.410 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 182.40 Mbit/s
95th percentile per-packet one-way delay: 69.941 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 27.63 Mbit/s
95th percentile per-packet one-way delay: 66.745 ms
Loss rate: 0.00%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2018-08-02 09:51:54

End at: 2018-08-02 09:52:24

Local clock offset: -0.135 ms

Remote clock offset: 0.889 ms

Below is generated by plot.py at 2018-08-02 11:49:28

Datalink statistics

-- Total of 3 flows:

Average throughput: 298.13 Mbit/s

95th percentile per-packet one-way delay: 75.186 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 265.41 Mbit/s

95th percentile per-packet one-way delay: 75.667 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 33.63 Mbit/s

95th percentile per-packet one-way delay: 67.795 ms

Loss rate: 0.00%

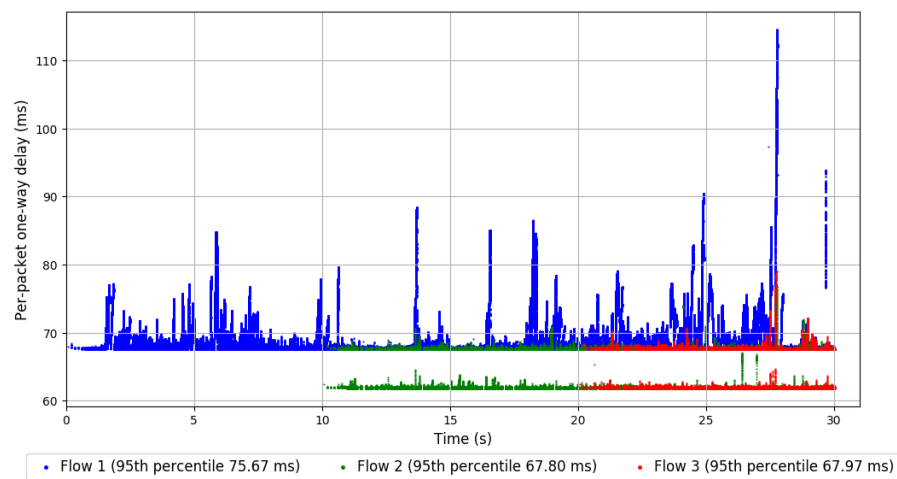
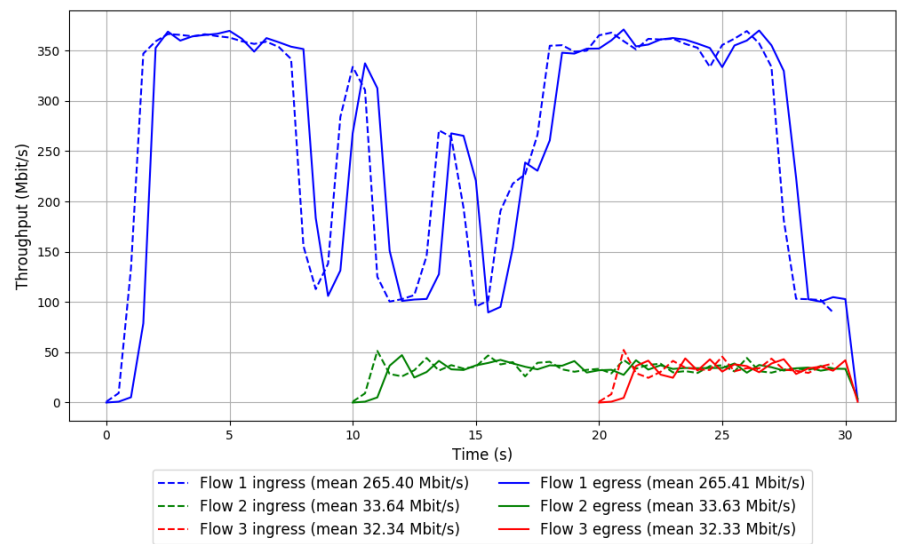
-- Flow 3:

Average throughput: 32.33 Mbit/s

95th percentile per-packet one-way delay: 67.970 ms

Loss rate: 0.00%

Run 7: Report of Copa — Data Link

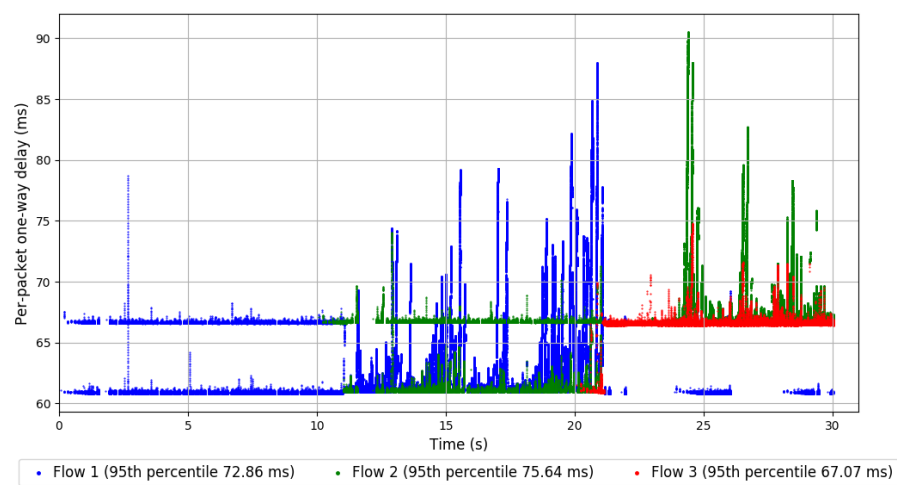
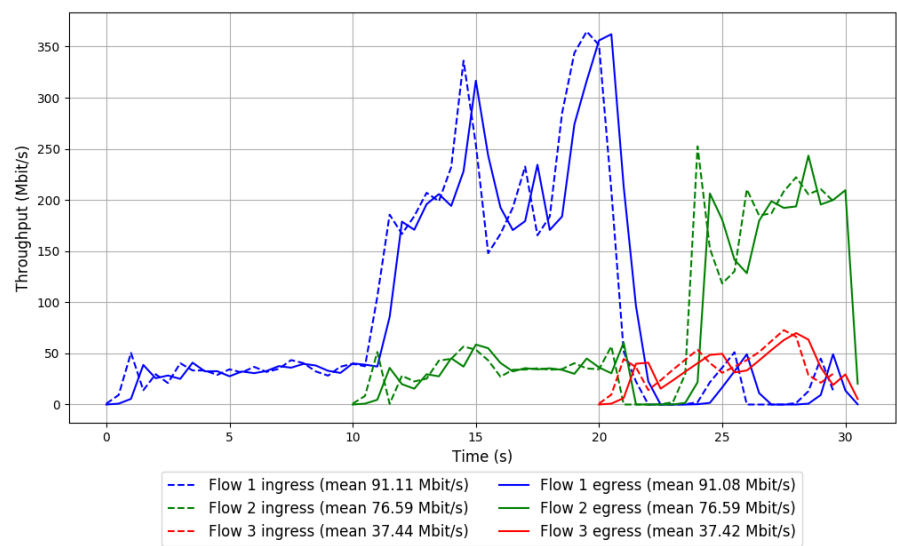


Run 8: Statistics of Copa

Start at: 2018-08-02 10:16:59
End at: 2018-08-02 10:17:29
Local clock offset: -0.171 ms
Remote clock offset: -0.088 ms

Below is generated by plot.py at 2018-08-02 11:49:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 154.52 Mbit/s
95th percentile per-packet one-way delay: 73.523 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 91.08 Mbit/s
95th percentile per-packet one-way delay: 72.862 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 76.59 Mbit/s
95th percentile per-packet one-way delay: 75.639 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 37.42 Mbit/s
95th percentile per-packet one-way delay: 67.072 ms
Loss rate: 0.00%

Run 8: Report of Copa — Data Link

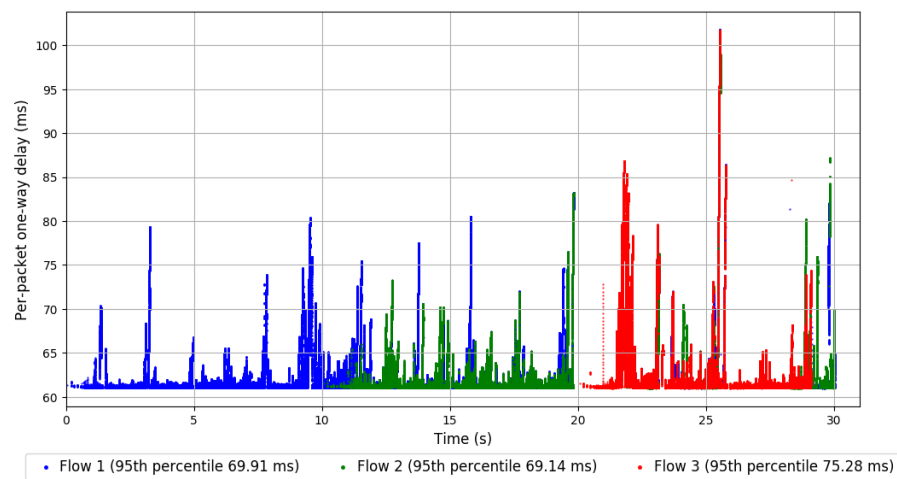
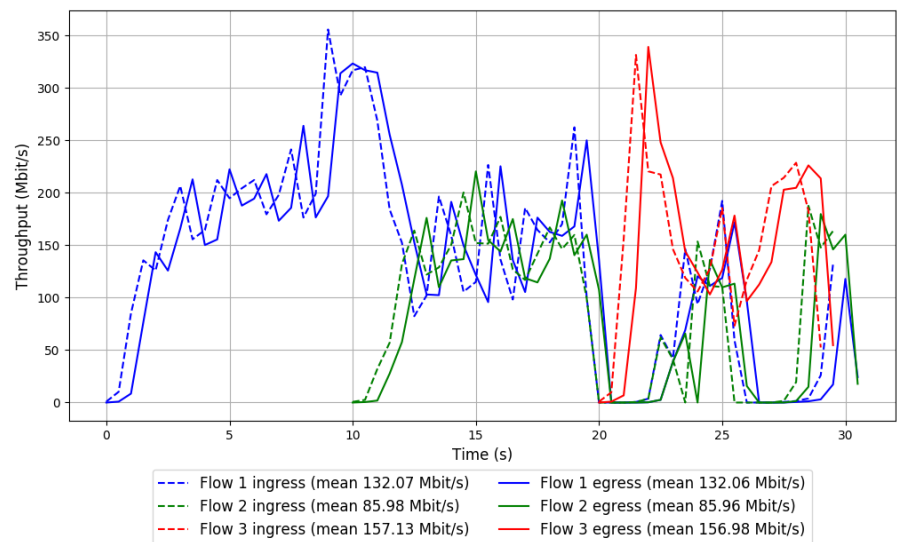


Run 9: Statistics of Copa

Start at: 2018-08-02 10:41:39
End at: 2018-08-02 10:42:09
Local clock offset: -0.191 ms
Remote clock offset: -0.046 ms

Below is generated by plot.py at 2018-08-02 11:49:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 236.65 Mbit/s
95th percentile per-packet one-way delay: 70.882 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 132.06 Mbit/s
95th percentile per-packet one-way delay: 69.914 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 85.96 Mbit/s
95th percentile per-packet one-way delay: 69.141 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 156.98 Mbit/s
95th percentile per-packet one-way delay: 75.285 ms
Loss rate: 0.00%

Run 9: Report of Copa — Data Link

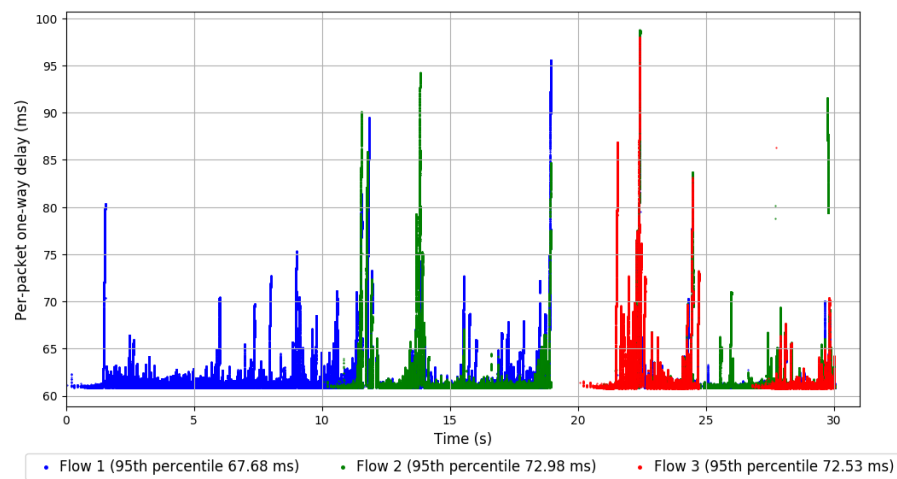
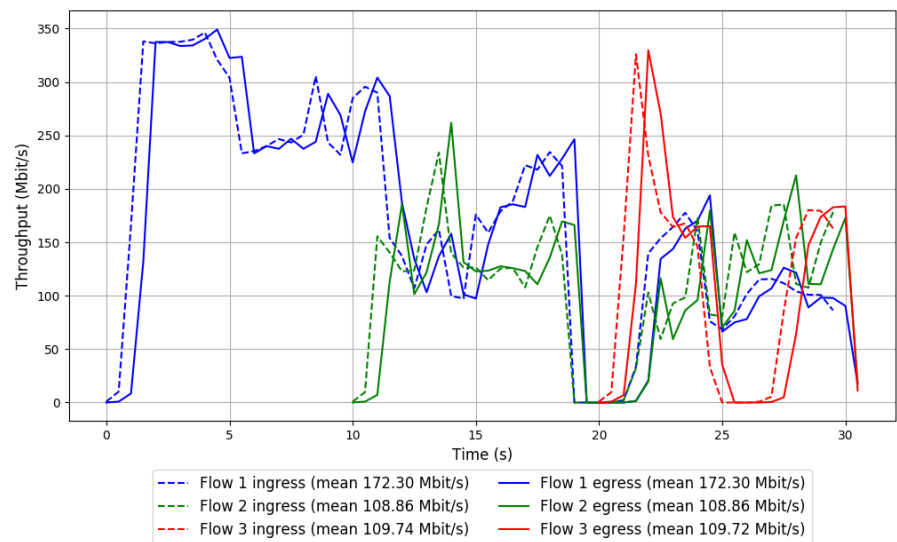


Run 10: Statistics of Copa

Start at: 2018-08-02 11:06:54
End at: 2018-08-02 11:07:24
Local clock offset: -0.061 ms
Remote clock offset: -0.139 ms

Below is generated by plot.py at 2018-08-02 11:49:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 281.13 Mbit/s
95th percentile per-packet one-way delay: 69.145 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 172.30 Mbit/s
95th percentile per-packet one-way delay: 67.683 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 108.86 Mbit/s
95th percentile per-packet one-way delay: 72.978 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 109.72 Mbit/s
95th percentile per-packet one-way delay: 72.530 ms
Loss rate: 0.00%

Run 10: Report of Copa — Data Link

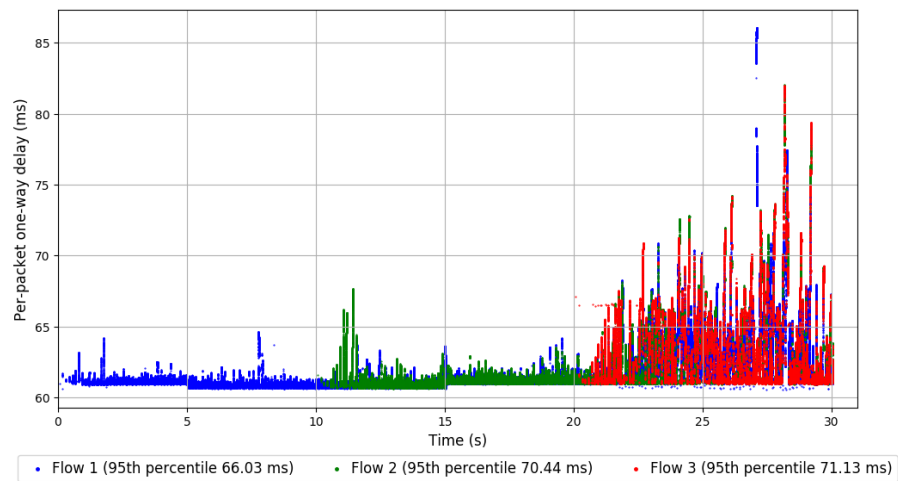
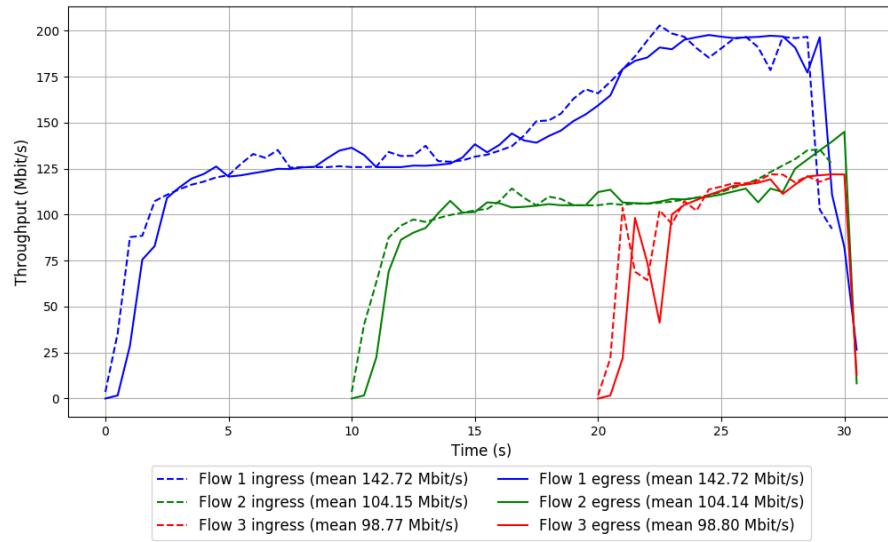


Run 1: Statistics of TCP Cubic

Start at: 2018-08-02 07:18:15
End at: 2018-08-02 07:18:45
Local clock offset: -0.017 ms
Remote clock offset: -0.167 ms

Below is generated by plot.py at 2018-08-02 11:49:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 244.89 Mbit/s
95th percentile per-packet one-way delay: 68.517 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 142.72 Mbit/s
95th percentile per-packet one-way delay: 66.025 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 104.14 Mbit/s
95th percentile per-packet one-way delay: 70.437 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 98.80 Mbit/s
95th percentile per-packet one-way delay: 71.131 ms
Loss rate: 0.00%

Run 1: Report of TCP Cubic — Data Link

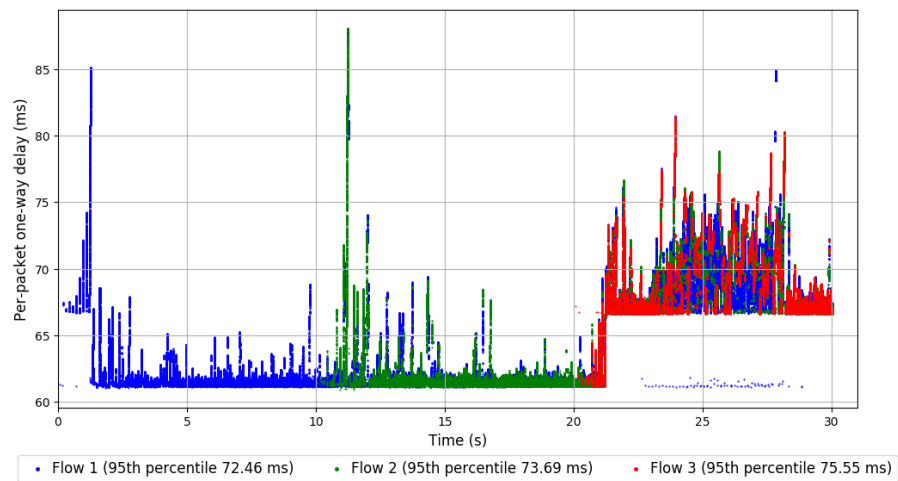
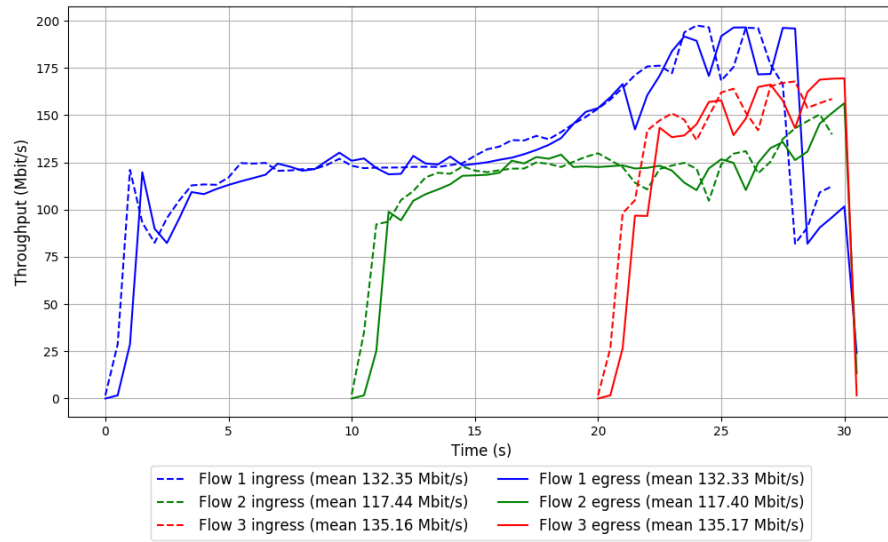


Run 2: Statistics of TCP Cubic

Start at: 2018-08-02 07:43:18
End at: 2018-08-02 07:43:48
Local clock offset: -0.04 ms
Remote clock offset: -0.006 ms

Below is generated by plot.py at 2018-08-02 11:49:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 255.37 Mbit/s
95th percentile per-packet one-way delay: 73.666 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 132.33 Mbit/s
95th percentile per-packet one-way delay: 72.461 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 117.40 Mbit/s
95th percentile per-packet one-way delay: 73.693 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 135.17 Mbit/s
95th percentile per-packet one-way delay: 75.554 ms
Loss rate: 0.00%

Run 2: Report of TCP Cubic — Data Link

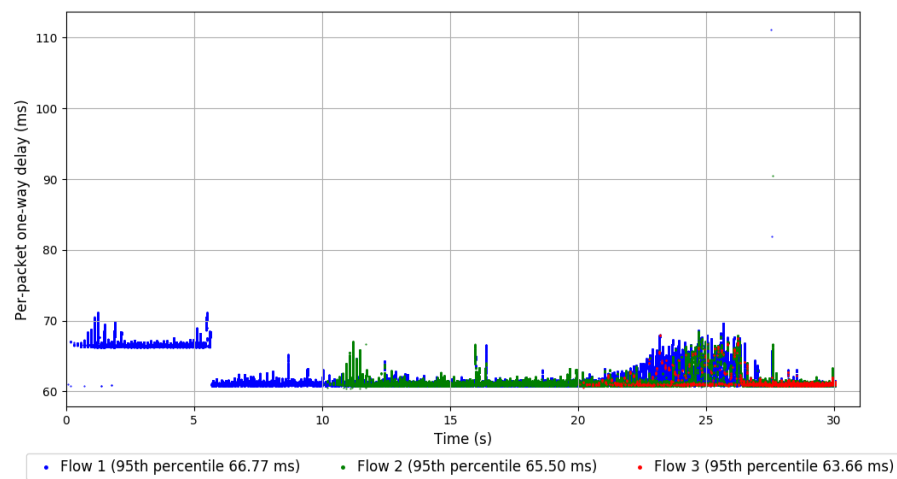
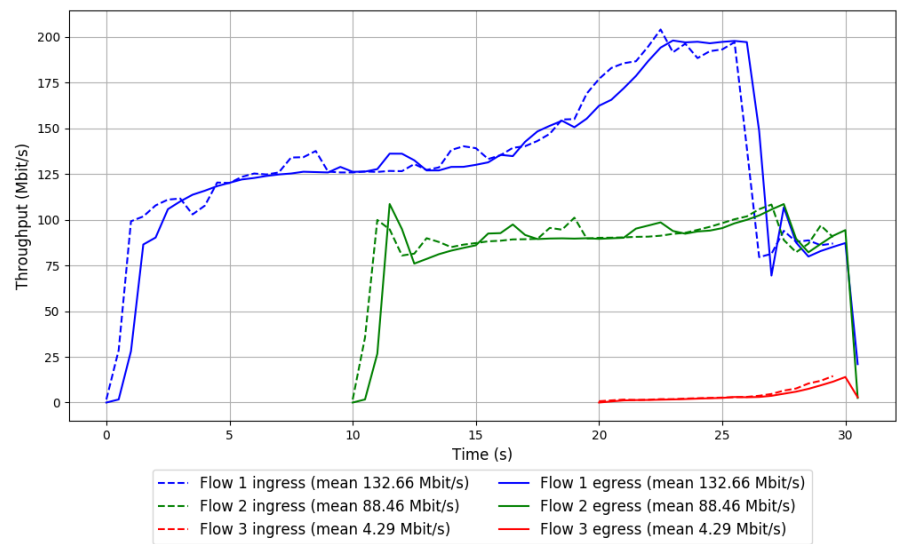


Run 3: Statistics of TCP Cubic

Start at: 2018-08-02 08:07:54
End at: 2018-08-02 08:08:24
Local clock offset: 0.01 ms
Remote clock offset: -0.389 ms

Below is generated by plot.py at 2018-08-02 11:49:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 193.01 Mbit/s
95th percentile per-packet one-way delay: 66.612 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 132.66 Mbit/s
95th percentile per-packet one-way delay: 66.770 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 88.46 Mbit/s
95th percentile per-packet one-way delay: 65.498 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.29 Mbit/s
95th percentile per-packet one-way delay: 63.665 ms
Loss rate: 0.14%

Run 3: Report of TCP Cubic — Data Link

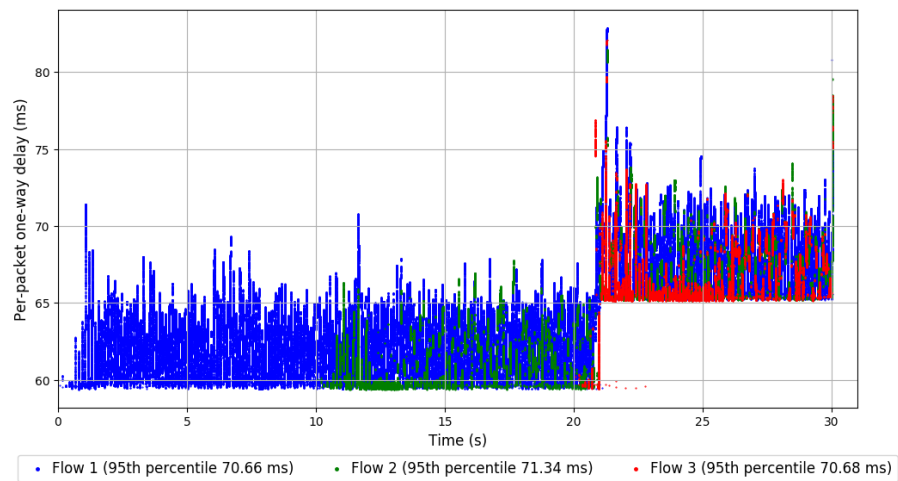
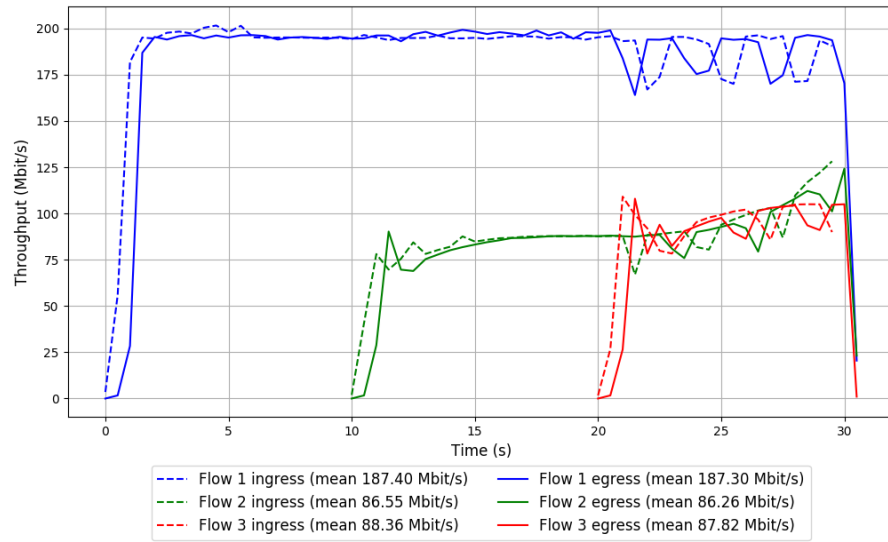


Run 4: Statistics of TCP Cubic

Start at: 2018-08-02 08:32:39
End at: 2018-08-02 08:33:09
Local clock offset: -0.05 ms
Remote clock offset: -1.566 ms

Below is generated by plot.py at 2018-08-02 11:49:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 273.87 Mbit/s
95th percentile per-packet one-way delay: 70.813 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 187.30 Mbit/s
95th percentile per-packet one-way delay: 70.657 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 86.26 Mbit/s
95th percentile per-packet one-way delay: 71.337 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 87.82 Mbit/s
95th percentile per-packet one-way delay: 70.680 ms
Loss rate: 0.55%

Run 4: Report of TCP Cubic — Data Link

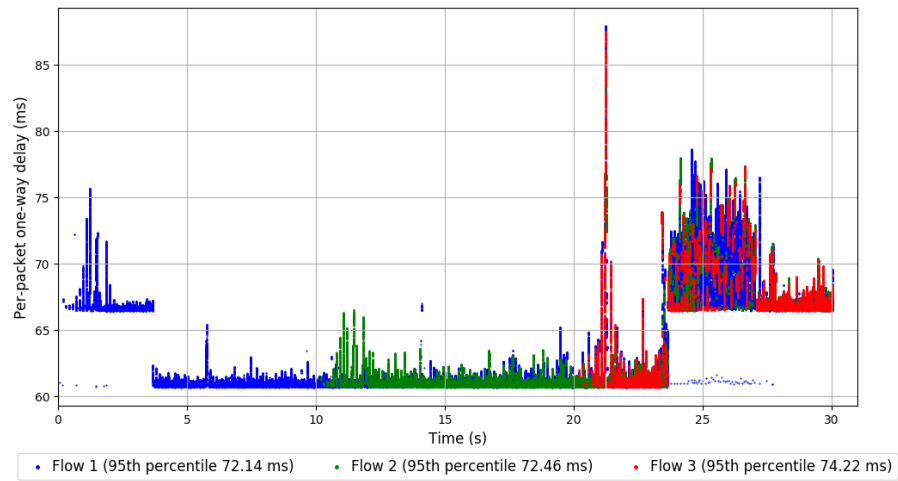
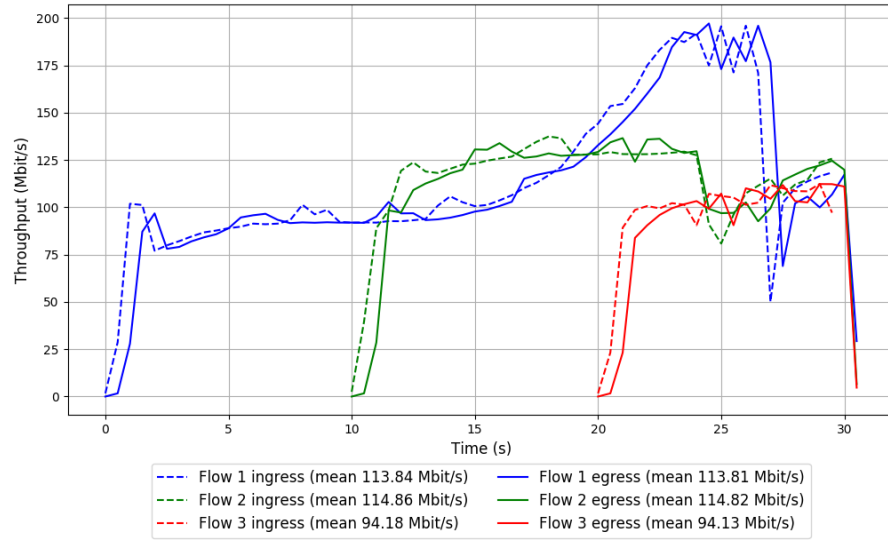


Run 5: Statistics of TCP Cubic

Start at: 2018-08-02 08:57:36
End at: 2018-08-02 08:58:06
Local clock offset: -0.042 ms
Remote clock offset: -0.268 ms

Below is generated by plot.py at 2018-08-02 11:49:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 221.57 Mbit/s
95th percentile per-packet one-way delay: 72.640 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 113.81 Mbit/s
95th percentile per-packet one-way delay: 72.144 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 114.82 Mbit/s
95th percentile per-packet one-way delay: 72.459 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 94.13 Mbit/s
95th percentile per-packet one-way delay: 74.215 ms
Loss rate: 0.00%

Run 5: Report of TCP Cubic — Data Link

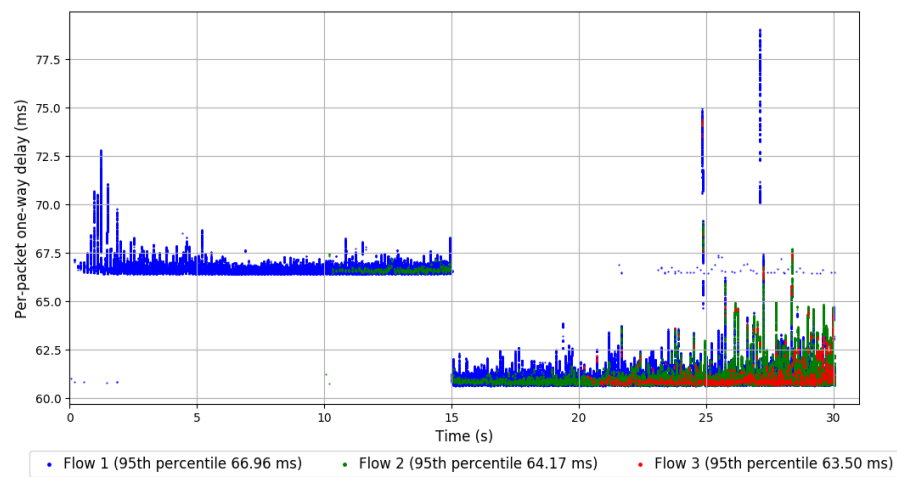
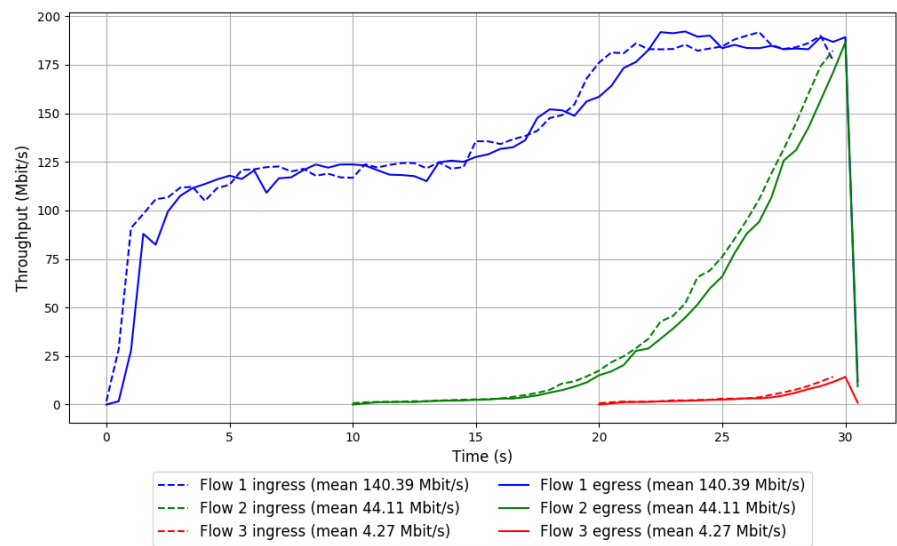


Run 6: Statistics of TCP Cubic

Start at: 2018-08-02 09:22:35
End at: 2018-08-02 09:23:05
Local clock offset: -0.069 ms
Remote clock offset: -0.235 ms

Below is generated by plot.py at 2018-08-02 11:49:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 171.17 Mbit/s
95th percentile per-packet one-way delay: 66.901 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 140.39 Mbit/s
95th percentile per-packet one-way delay: 66.958 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 44.11 Mbit/s
95th percentile per-packet one-way delay: 64.171 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 4.27 Mbit/s
95th percentile per-packet one-way delay: 63.498 ms
Loss rate: 0.14%

Run 6: Report of TCP Cubic — Data Link

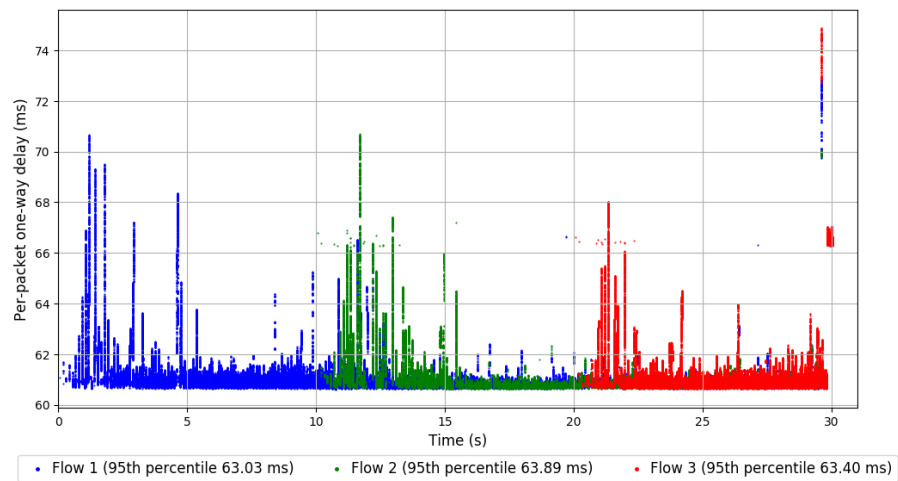
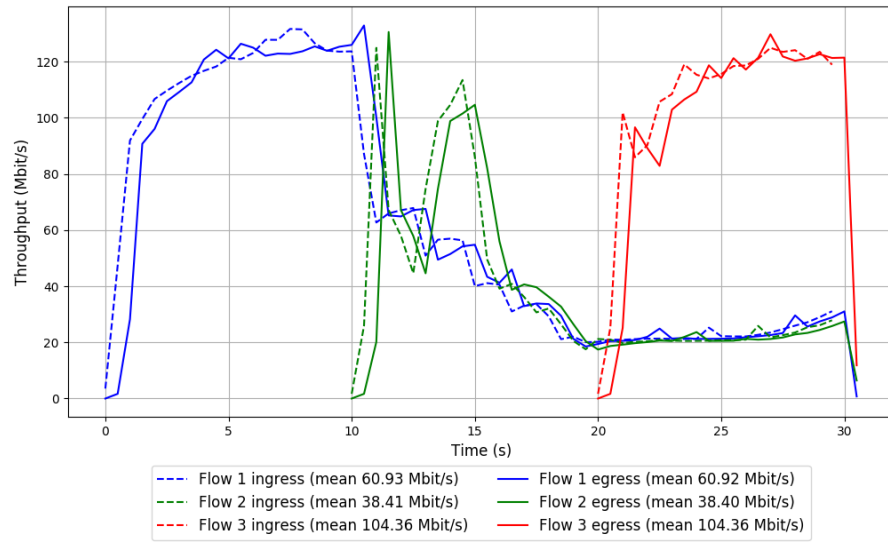


Run 7: Statistics of TCP Cubic

Start at: 2018-08-02 09:47:30
End at: 2018-08-02 09:48:00
Local clock offset: -0.089 ms
Remote clock offset: -0.333 ms

Below is generated by plot.py at 2018-08-02 11:49:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 121.12 Mbit/s
95th percentile per-packet one-way delay: 63.341 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 60.92 Mbit/s
95th percentile per-packet one-way delay: 63.030 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 38.40 Mbit/s
95th percentile per-packet one-way delay: 63.894 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 104.36 Mbit/s
95th percentile per-packet one-way delay: 63.398 ms
Loss rate: 0.00%

Run 7: Report of TCP Cubic — Data Link

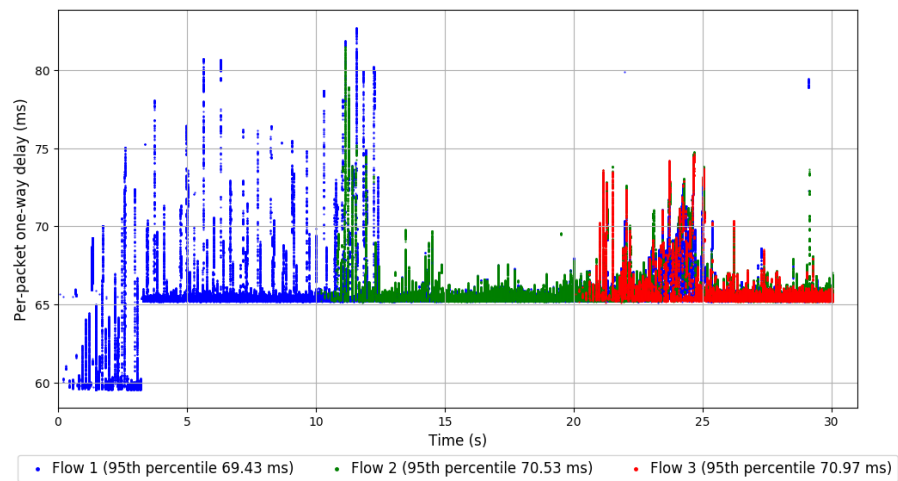
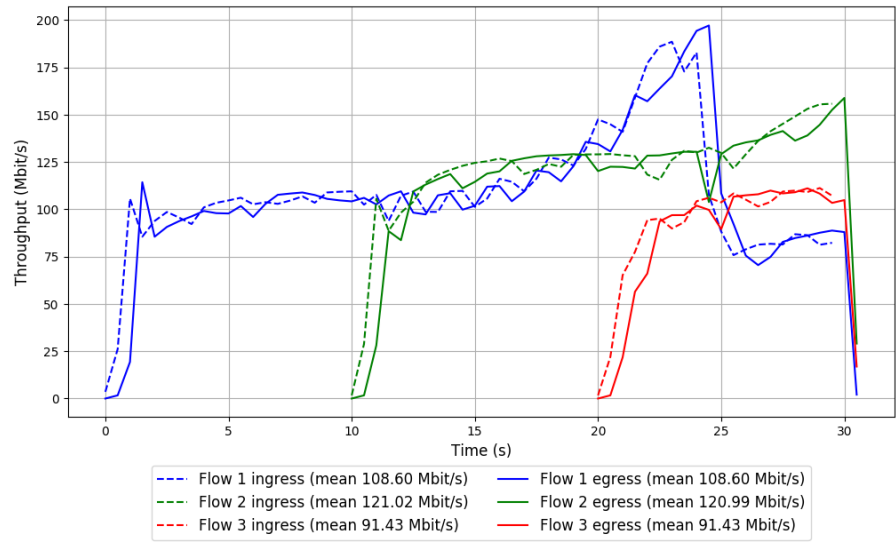


Run 8: Statistics of TCP Cubic

Start at: 2018-08-02 10:12:27
End at: 2018-08-02 10:12:57
Local clock offset: -0.148 ms
Remote clock offset: -1.434 ms

Below is generated by plot.py at 2018-08-02 11:50:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 219.50 Mbit/s
95th percentile per-packet one-way delay: 70.206 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 108.60 Mbit/s
95th percentile per-packet one-way delay: 69.432 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 120.99 Mbit/s
95th percentile per-packet one-way delay: 70.532 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 91.43 Mbit/s
95th percentile per-packet one-way delay: 70.966 ms
Loss rate: 0.00%

Run 8: Report of TCP Cubic — Data Link

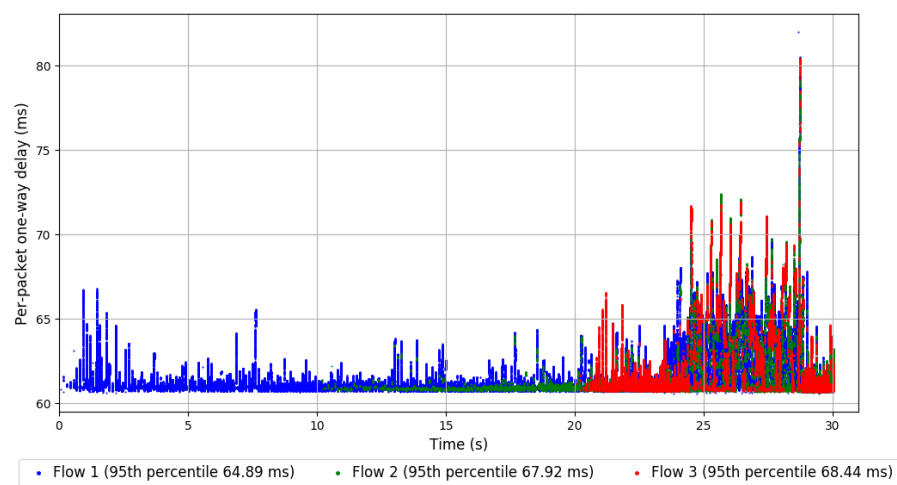
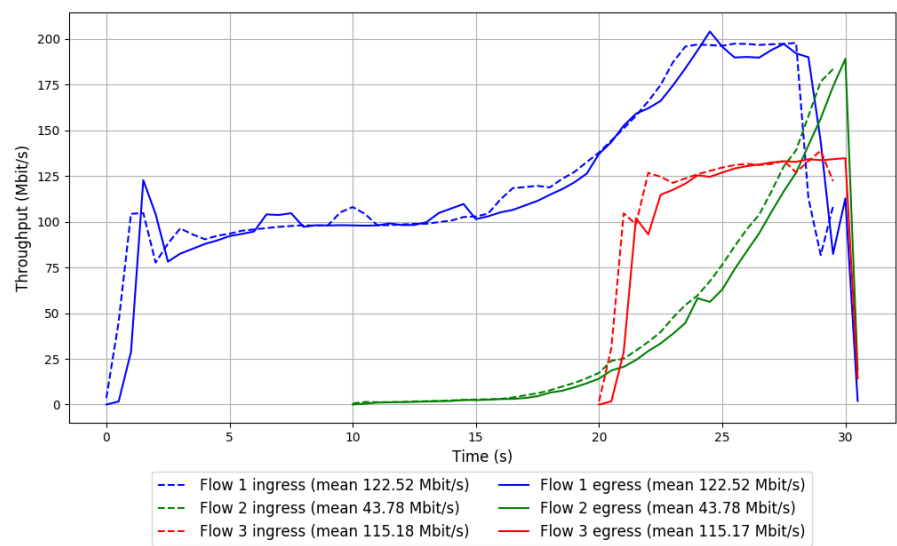


Run 9: Statistics of TCP Cubic

Start at: 2018-08-02 10:37:13
End at: 2018-08-02 10:37:43
Local clock offset: -0.173 ms
Remote clock offset: -0.355 ms

Below is generated by plot.py at 2018-08-02 11:50:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 189.91 Mbit/s
95th percentile per-packet one-way delay: 66.762 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 122.52 Mbit/s
95th percentile per-packet one-way delay: 64.894 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 43.78 Mbit/s
95th percentile per-packet one-way delay: 67.921 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 115.17 Mbit/s
95th percentile per-packet one-way delay: 68.440 ms
Loss rate: 0.00%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-08-02 11:02:24

End at: 2018-08-02 11:02:54

Local clock offset: -0.059 ms

Remote clock offset: 0.976 ms

Below is generated by plot.py at 2018-08-02 11:50:55

Datalink statistics

-- Total of 3 flows:

Average throughput: 185.25 Mbit/s

95th percentile per-packet one-way delay: 68.019 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 113.71 Mbit/s

95th percentile per-packet one-way delay: 67.659 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 105.41 Mbit/s

95th percentile per-packet one-way delay: 68.578 ms

Loss rate: 0.00%

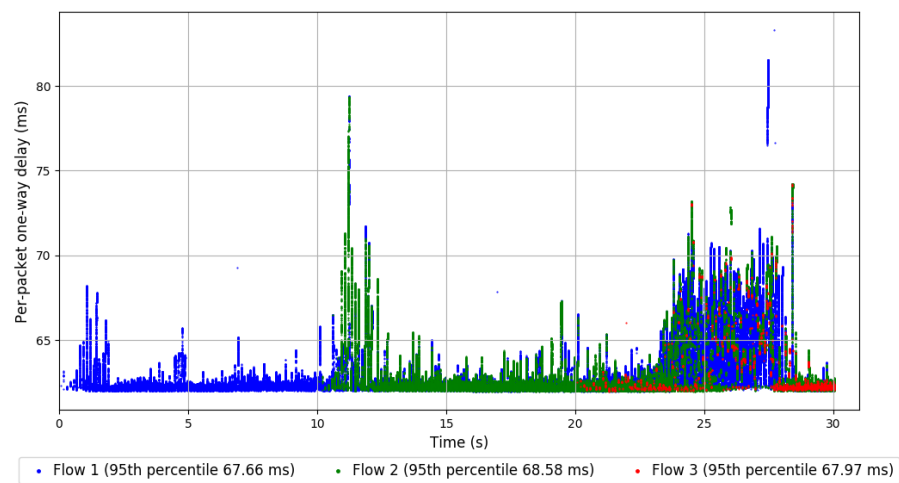
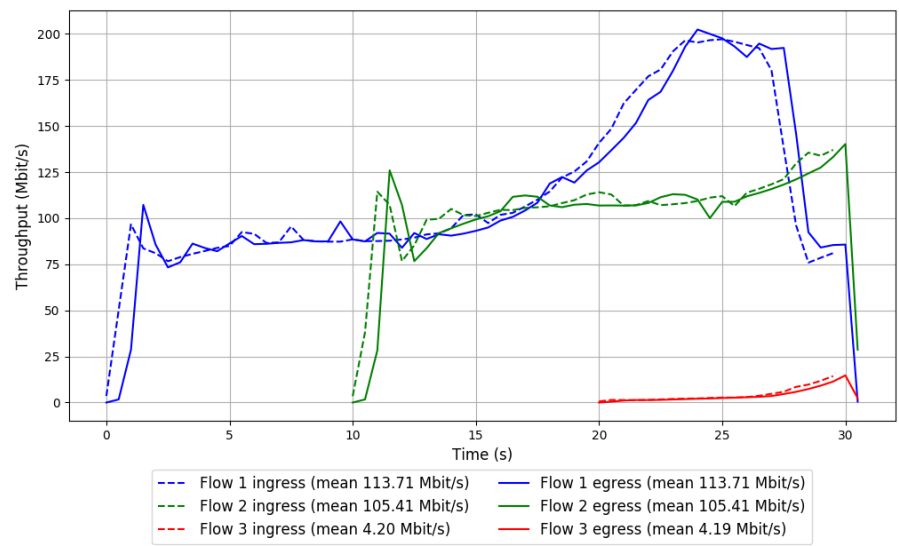
-- Flow 3:

Average throughput: 4.19 Mbit/s

95th percentile per-packet one-way delay: 67.974 ms

Loss rate: 0.17%

Run 10: Report of TCP Cubic — Data Link

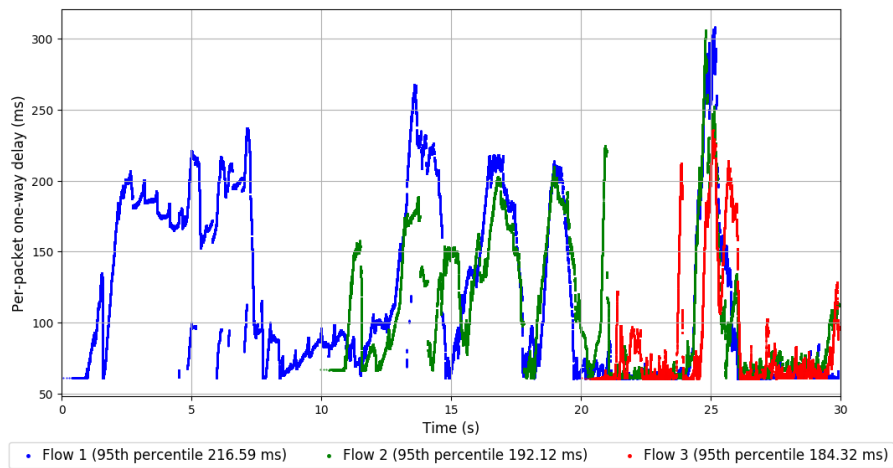
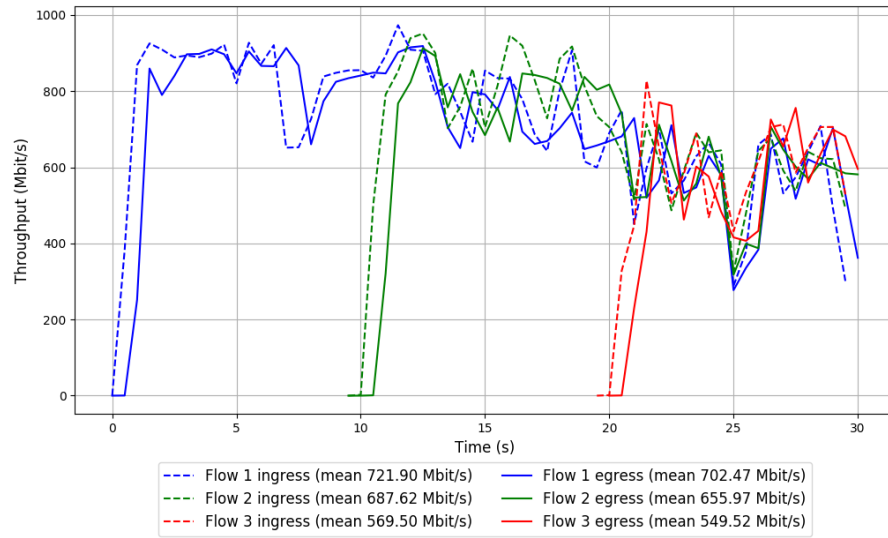


Run 1: Statistics of FillP

Start at: 2018-08-02 07:01:12
End at: 2018-08-02 07:01:42
Local clock offset: -0.023 ms
Remote clock offset: -0.175 ms

Below is generated by plot.py at 2018-08-02 12:18:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 1322.83 Mbit/s
95th percentile per-packet one-way delay: 210.672 ms
Loss rate: 3.44%
-- Flow 1:
Average throughput: 702.47 Mbit/s
95th percentile per-packet one-way delay: 216.594 ms
Loss rate: 2.69%
-- Flow 2:
Average throughput: 655.97 Mbit/s
95th percentile per-packet one-way delay: 192.117 ms
Loss rate: 4.60%
-- Flow 3:
Average throughput: 549.52 Mbit/s
95th percentile per-packet one-way delay: 184.325 ms
Loss rate: 3.45%

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2018-08-02 07:25:47

End at: 2018-08-02 07:26:17

Local clock offset: -0.016 ms

Remote clock offset: 1.221 ms

Below is generated by plot.py at 2018-08-02 12:18:27

Datalink statistics

-- Total of 3 flows:

Average throughput: 1336.98 Mbit/s

95th percentile per-packet one-way delay: 202.303 ms

Loss rate: 1.34%

-- Flow 1:

Average throughput: 714.31 Mbit/s

95th percentile per-packet one-way delay: 226.371 ms

Loss rate: 1.05%

-- Flow 2:

Average throughput: 651.35 Mbit/s

95th percentile per-packet one-way delay: 141.549 ms

Loss rate: 2.38%

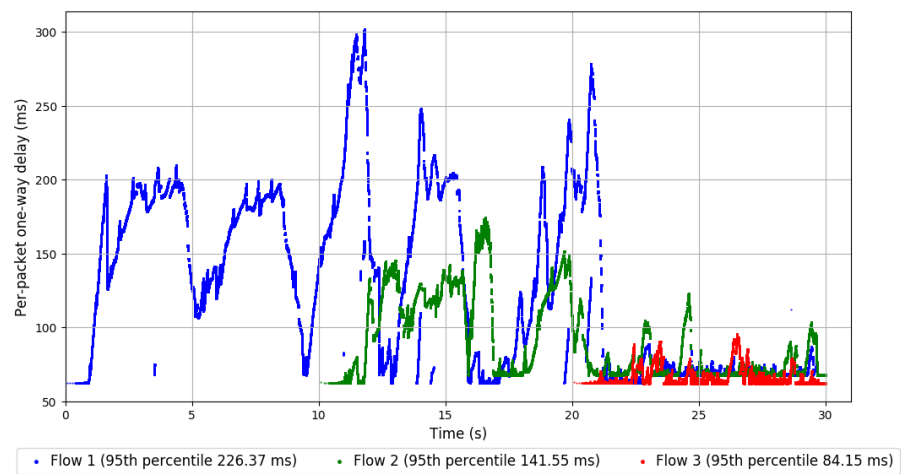
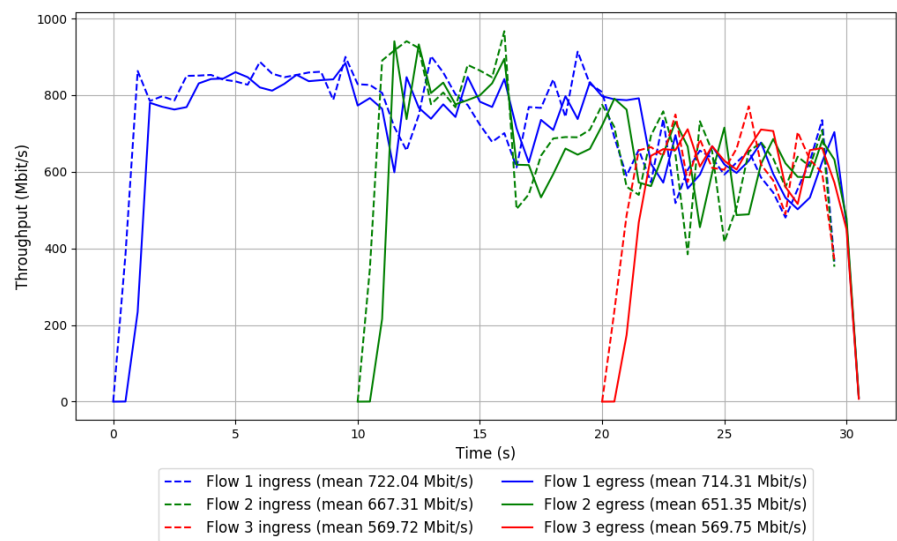
-- Flow 3:

Average throughput: 569.75 Mbit/s

95th percentile per-packet one-way delay: 84.154 ms

Loss rate: 0.00%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2018-08-02 07:50:47

End at: 2018-08-02 07:51:17

Local clock offset: -0.032 ms

Remote clock offset: 1.275 ms

Below is generated by plot.py at 2018-08-02 12:19:55

Datalink statistics

-- Total of 3 flows:

Average throughput: 1361.61 Mbit/s

95th percentile per-packet one-way delay: 169.593 ms

Loss rate: 1.66%

-- Flow 1:

Average throughput: 756.49 Mbit/s

95th percentile per-packet one-way delay: 179.369 ms

Loss rate: 1.45%

-- Flow 2:

Average throughput: 630.95 Mbit/s

95th percentile per-packet one-way delay: 166.593 ms

Loss rate: 2.02%

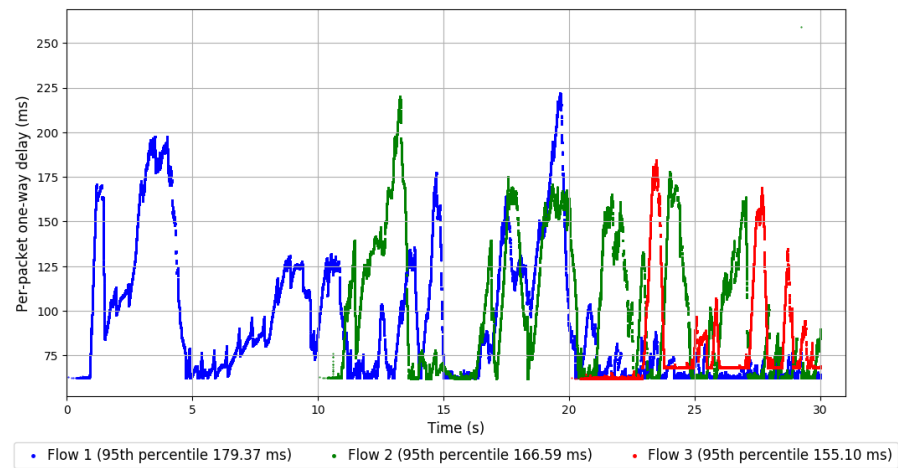
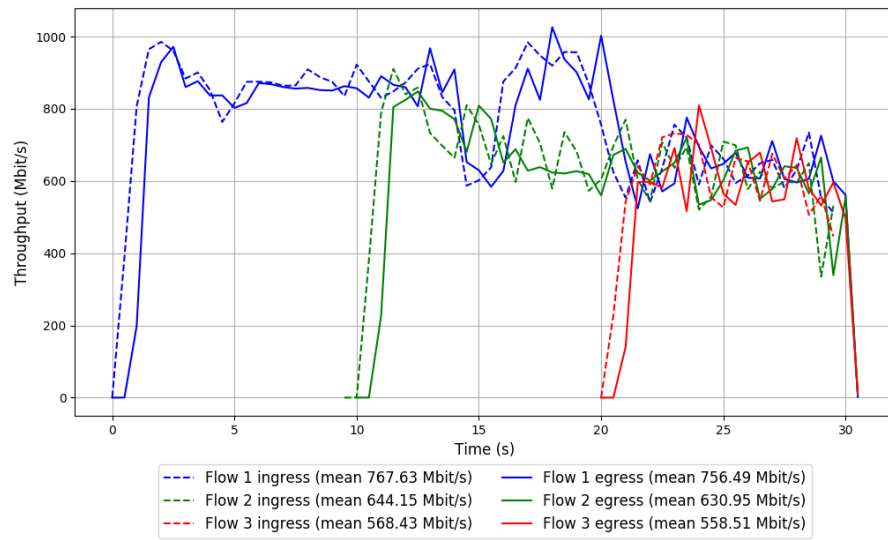
-- Flow 3:

Average throughput: 558.51 Mbit/s

95th percentile per-packet one-way delay: 155.097 ms

Loss rate: 1.69%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2018-08-02 08:15:22

End at: 2018-08-02 08:15:52

Local clock offset: -0.024 ms

Remote clock offset: 1.138 ms

Below is generated by plot.py at 2018-08-02 12:19:55

Datalink statistics

-- Total of 3 flows:

Average throughput: 1168.55 Mbit/s

95th percentile per-packet one-way delay: 193.240 ms

Loss rate: 2.20%

-- Flow 1:

Average throughput: 755.93 Mbit/s

95th percentile per-packet one-way delay: 174.267 ms

Loss rate: 3.10%

-- Flow 2:

Average throughput: 286.17 Mbit/s

95th percentile per-packet one-way delay: 265.201 ms

Loss rate: 1.06%

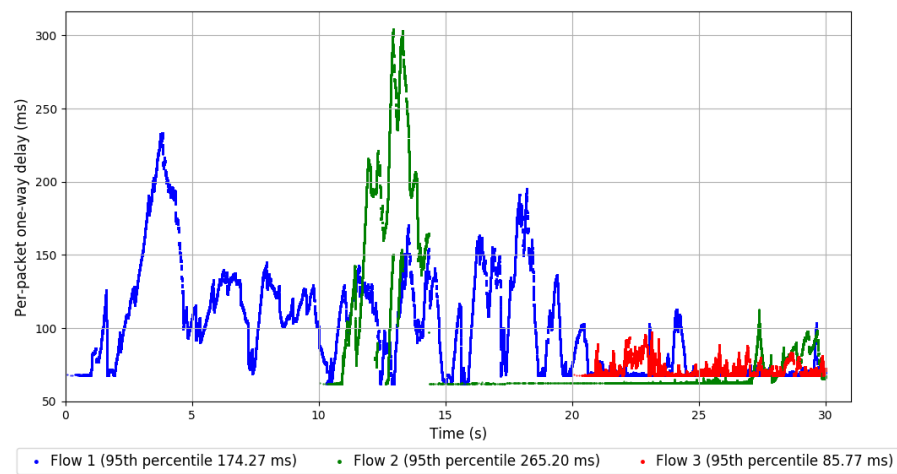
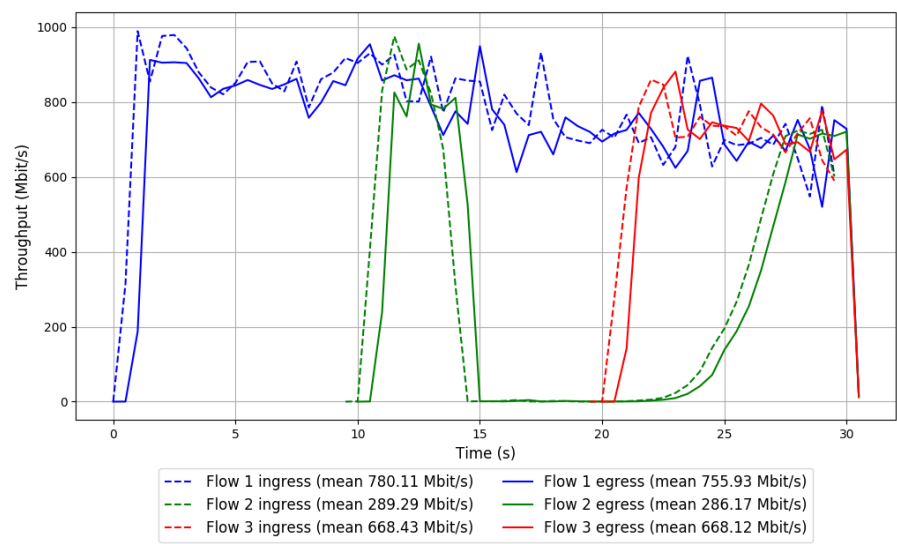
-- Flow 3:

Average throughput: 668.12 Mbit/s

95th percentile per-packet one-way delay: 85.766 ms

Loss rate: 0.04%

Run 4: Report of FillP — Data Link

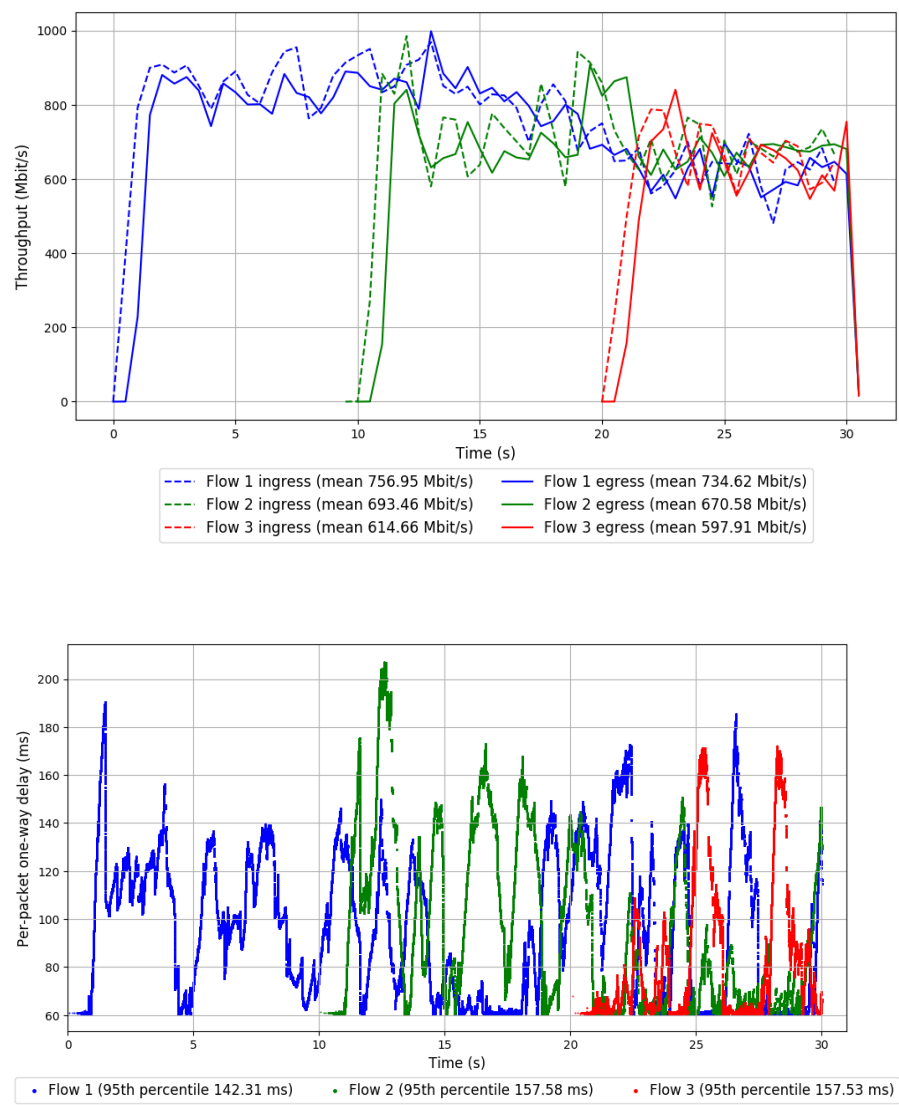


Run 5: Statistics of FillP

Start at: 2018-08-02 08:40:03
End at: 2018-08-02 08:40:33
Local clock offset: -0.011 ms
Remote clock offset: -0.272 ms

Below is generated by plot.py at 2018-08-02 12:21:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 1379.56 Mbit/s
95th percentile per-packet one-way delay: 152.058 ms
Loss rate: 3.02%
-- Flow 1:
Average throughput: 734.62 Mbit/s
95th percentile per-packet one-way delay: 142.315 ms
Loss rate: 2.93%
-- Flow 2:
Average throughput: 670.58 Mbit/s
95th percentile per-packet one-way delay: 157.582 ms
Loss rate: 3.27%
-- Flow 3:
Average throughput: 597.91 Mbit/s
95th percentile per-packet one-way delay: 157.531 ms
Loss rate: 2.75%

Run 5: Report of FillP — Data Link

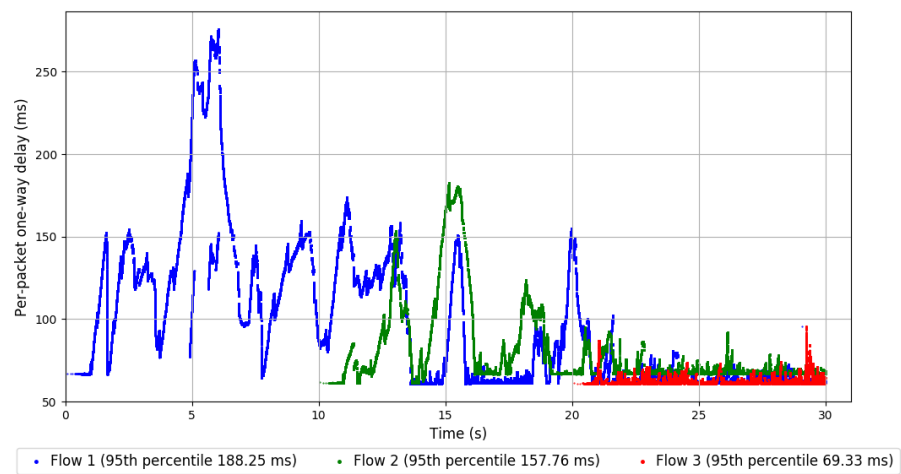
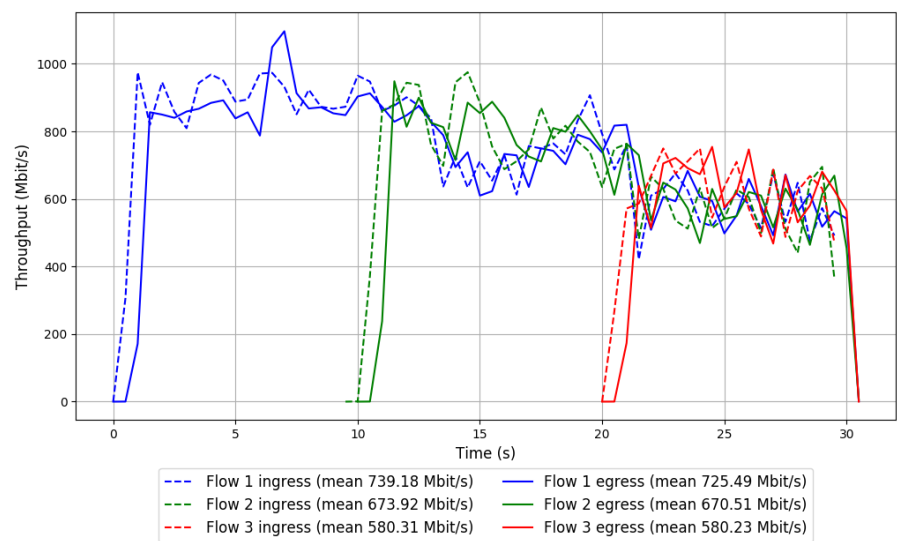


Run 6: Statistics of FillP

Start at: 2018-08-02 09:05:04
End at: 2018-08-02 09:05:34
Local clock offset: -0.029 ms
Remote clock offset: -0.174 ms

Below is generated by plot.py at 2018-08-02 12:21:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 1364.06 Mbit/s
95th percentile per-packet one-way delay: 168.433 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 725.49 Mbit/s
95th percentile per-packet one-way delay: 188.245 ms
Loss rate: 1.87%
-- Flow 2:
Average throughput: 670.51 Mbit/s
95th percentile per-packet one-way delay: 157.763 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 580.23 Mbit/s
95th percentile per-packet one-way delay: 69.333 ms
Loss rate: 0.02%

Run 6: Report of FillP — Data Link

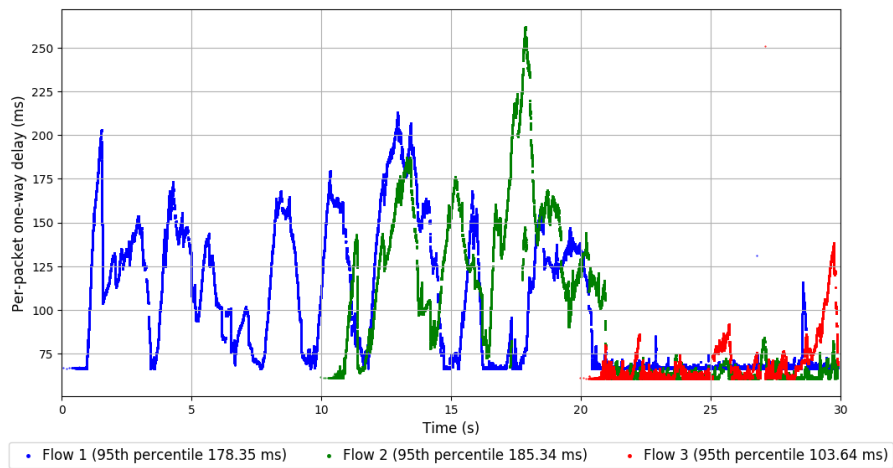
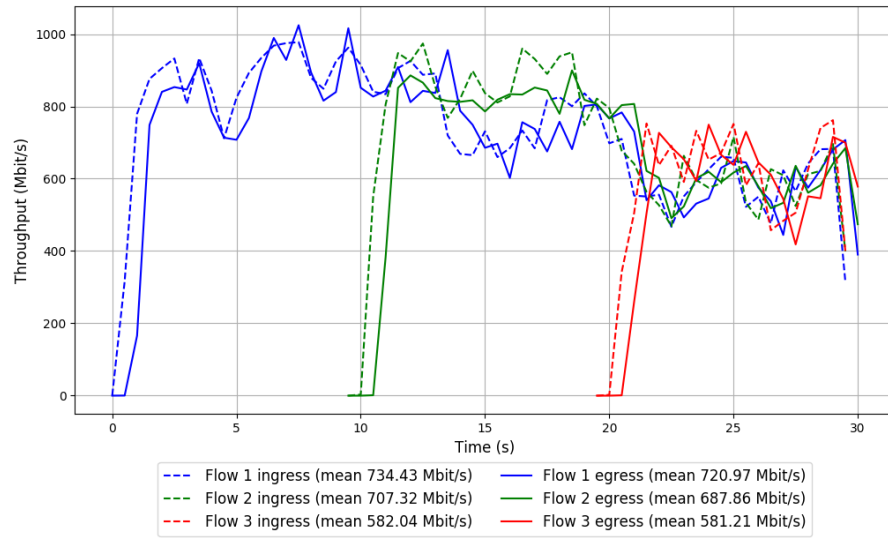


Run 7: Statistics of FillP

Start at: 2018-08-02 09:30:04
End at: 2018-08-02 09:30:34
Local clock offset: -0.143 ms
Remote clock offset: -0.22 ms

Below is generated by plot.py at 2018-08-02 12:22:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 1373.82 Mbit/s
95th percentile per-packet one-way delay: 177.282 ms
Loss rate: 1.89%
-- Flow 1:
Average throughput: 720.97 Mbit/s
95th percentile per-packet one-way delay: 178.354 ms
Loss rate: 1.83%
-- Flow 2:
Average throughput: 687.86 Mbit/s
95th percentile per-packet one-way delay: 185.336 ms
Loss rate: 2.73%
-- Flow 3:
Average throughput: 581.21 Mbit/s
95th percentile per-packet one-way delay: 103.640 ms
Loss rate: 0.09%

Run 7: Report of FillP — Data Link

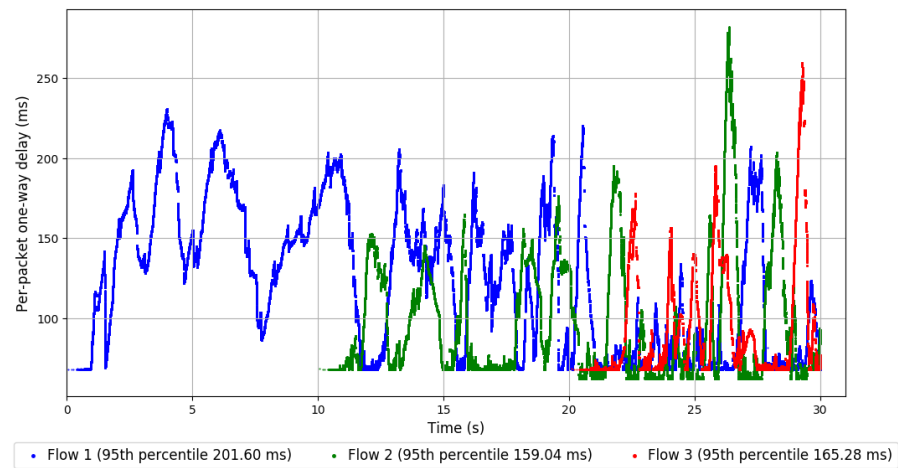
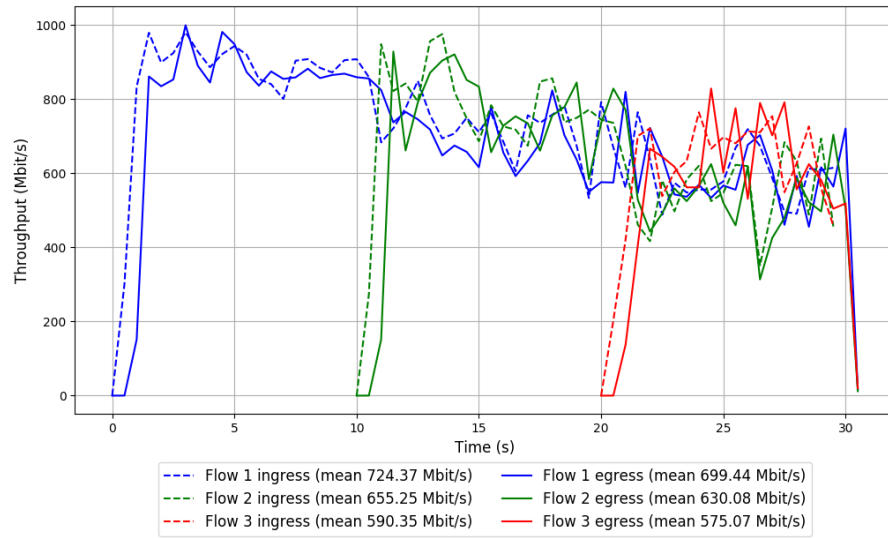


Run 8: Statistics of FillP

Start at: 2018-08-02 09:55:00
End at: 2018-08-02 09:55:30
Local clock offset: -0.155 ms
Remote clock offset: 1.192 ms

Below is generated by plot.py at 2018-08-02 12:22:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 1309.59 Mbit/s
95th percentile per-packet one-way delay: 194.477 ms
Loss rate: 3.43%
-- Flow 1:
Average throughput: 699.44 Mbit/s
95th percentile per-packet one-way delay: 201.605 ms
Loss rate: 3.44%
-- Flow 2:
Average throughput: 630.08 Mbit/s
95th percentile per-packet one-way delay: 159.042 ms
Loss rate: 3.80%
-- Flow 3:
Average throughput: 575.07 Mbit/s
95th percentile per-packet one-way delay: 165.278 ms
Loss rate: 2.59%

Run 8: Report of FillP — Data Link

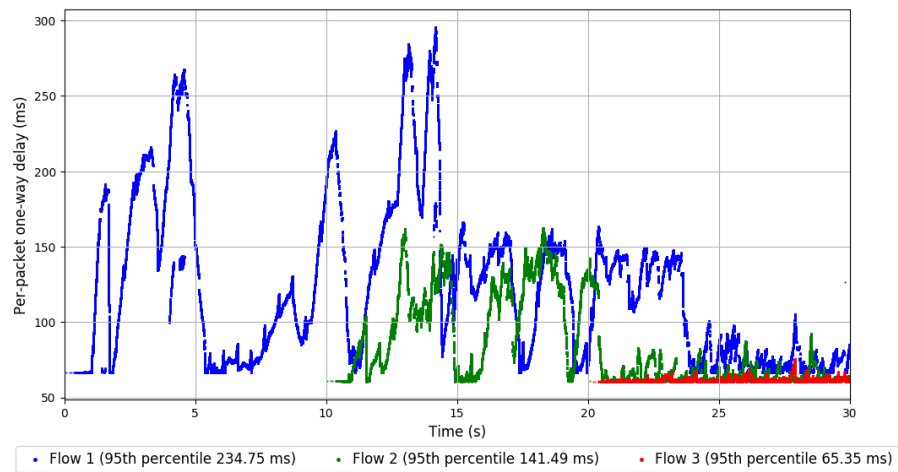
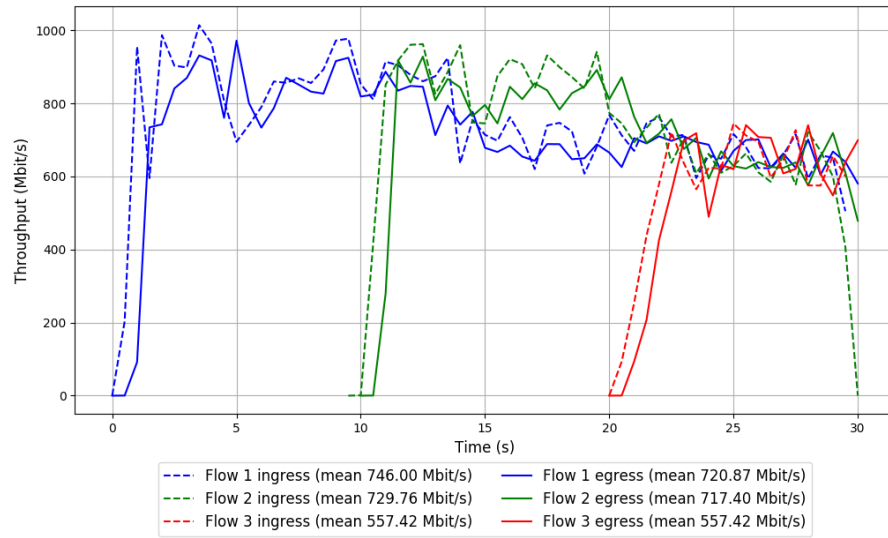


Run 9: Statistics of FillP

Start at: 2018-08-02 10:19:51
End at: 2018-08-02 10:20:21
Local clock offset: -0.115 ms
Remote clock offset: -0.317 ms

Below is generated by plot.py at 2018-08-02 12:48:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 1382.98 Mbit/s
95th percentile per-packet one-way delay: 207.136 ms
Loss rate: 2.69%
-- Flow 1:
Average throughput: 720.87 Mbit/s
95th percentile per-packet one-way delay: 234.755 ms
Loss rate: 3.36%
-- Flow 2:
Average throughput: 717.40 Mbit/s
95th percentile per-packet one-way delay: 141.489 ms
Loss rate: 2.69%
-- Flow 3:
Average throughput: 557.42 Mbit/s
95th percentile per-packet one-way delay: 65.351 ms
Loss rate: 0.00%

Run 9: Report of FillP — Data Link

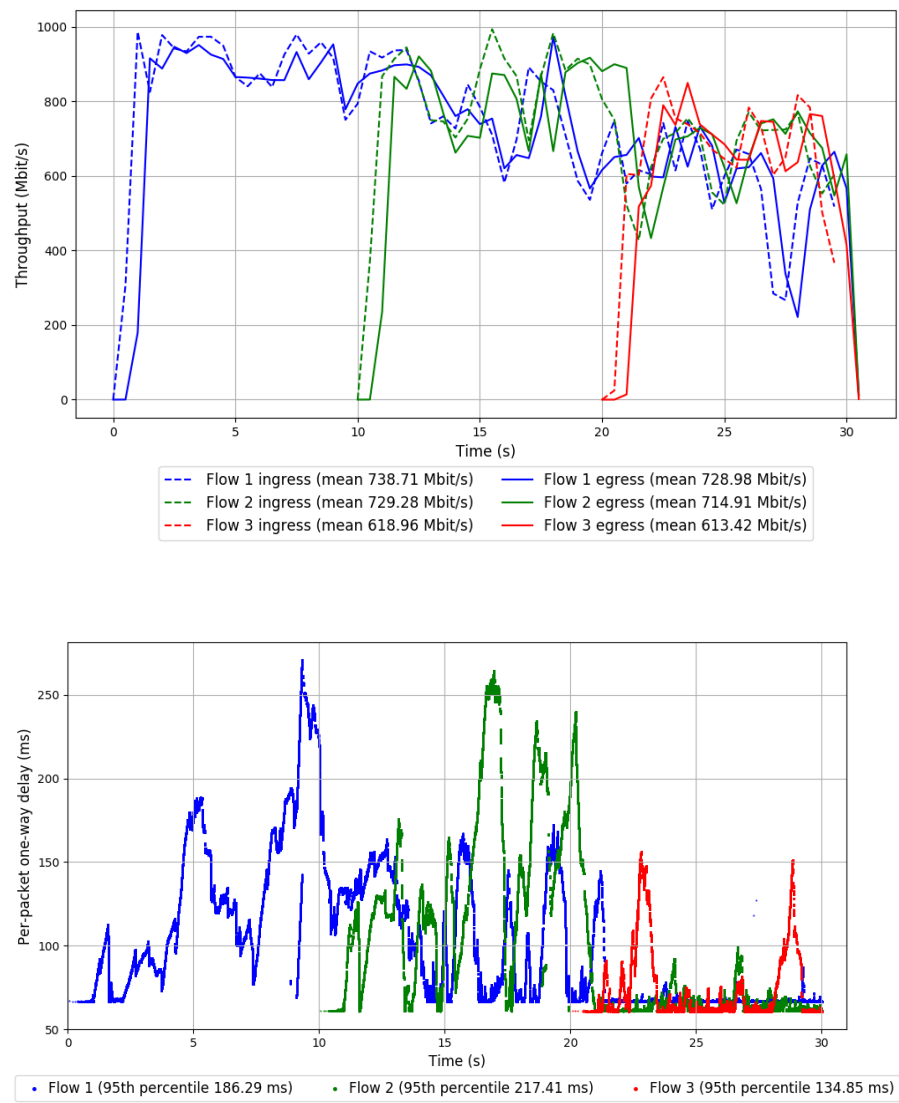


Run 10: Statistics of FillP

Start at: 2018-08-02 10:44:36
End at: 2018-08-02 10:45:06
Local clock offset: -0.195 ms
Remote clock offset: -0.078 ms

Below is generated by plot.py at 2018-08-02 12:51:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 1408.52 Mbit/s
95th percentile per-packet one-way delay: 193.146 ms
Loss rate: 1.49%
-- Flow 1:
Average throughput: 728.98 Mbit/s
95th percentile per-packet one-way delay: 186.289 ms
Loss rate: 1.33%
-- Flow 2:
Average throughput: 714.91 Mbit/s
95th percentile per-packet one-way delay: 217.407 ms
Loss rate: 1.97%
-- Flow 3:
Average throughput: 613.42 Mbit/s
95th percentile per-packet one-way delay: 134.849 ms
Loss rate: 0.90%

Run 10: Report of FillP — Data Link

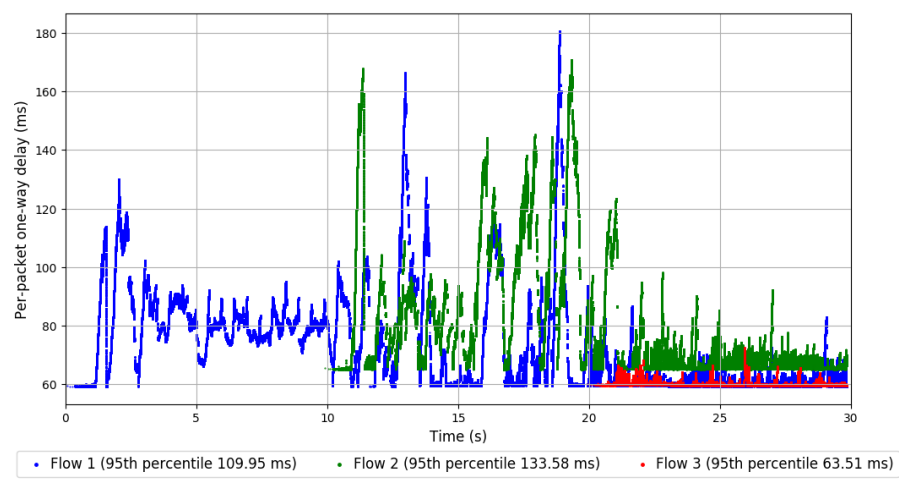
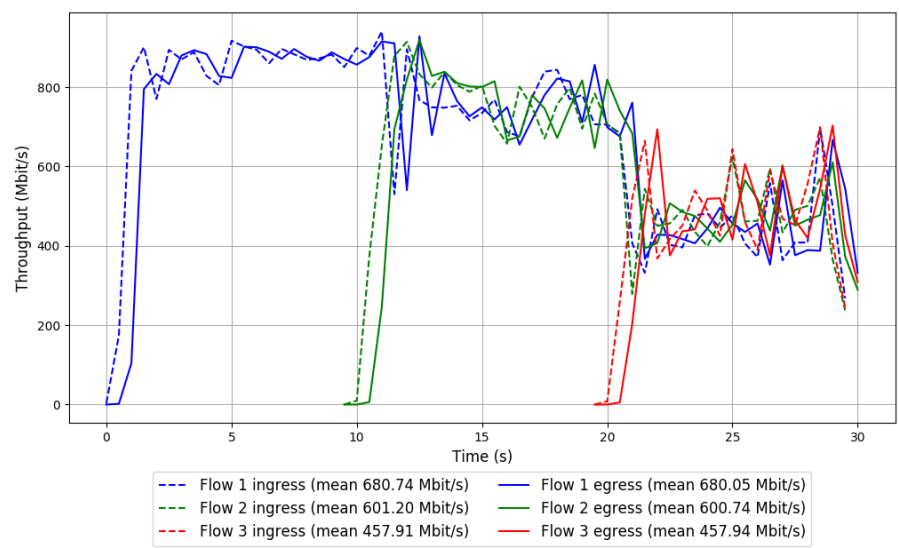


Run 1: Statistics of FillP-Sheep

Start at: 2018-08-02 07:19:36
End at: 2018-08-02 07:20:06
Local clock offset: -0.03 ms
Remote clock offset: -1.448 ms

Below is generated by plot.py at 2018-08-02 12:51:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 1233.78 Mbit/s
95th percentile per-packet one-way delay: 115.896 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 680.05 Mbit/s
95th percentile per-packet one-way delay: 109.950 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 600.74 Mbit/s
95th percentile per-packet one-way delay: 133.583 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 457.94 Mbit/s
95th percentile per-packet one-way delay: 63.508 ms
Loss rate: 0.00%

Run 1: Report of FillP-Sheep — Data Link

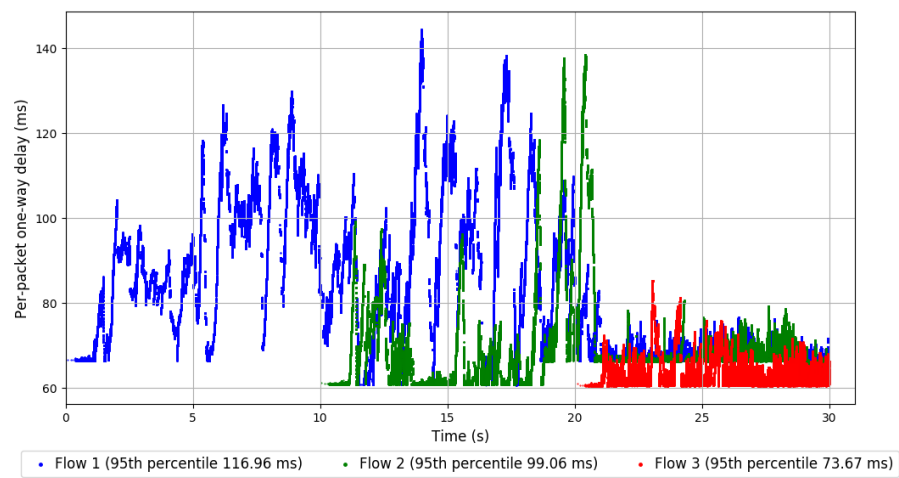
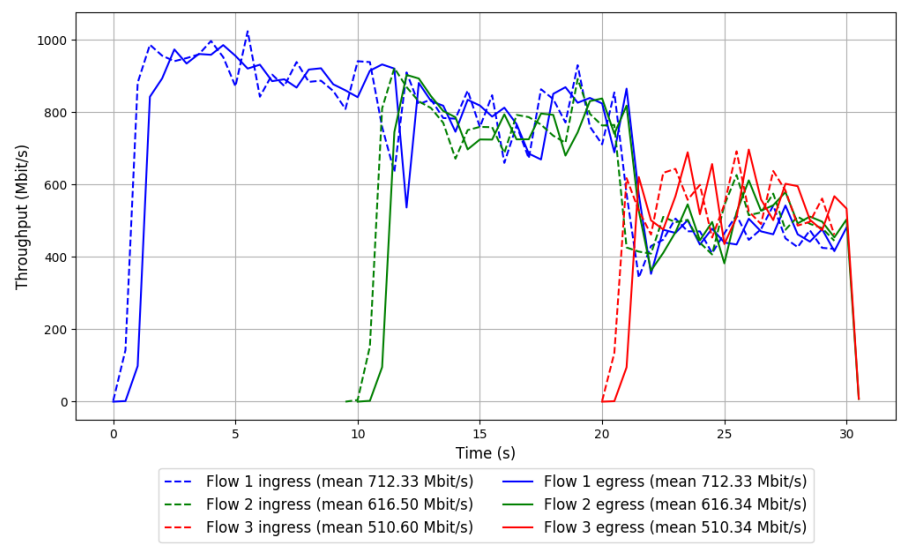


Run 2: Statistics of FillP-Sheep

Start at: 2018-08-02 07:44:41
End at: 2018-08-02 07:45:11
Local clock offset: 0.0 ms
Remote clock offset: -0.385 ms

Below is generated by plot.py at 2018-08-02 12:51:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 1291.34 Mbit/s
95th percentile per-packet one-way delay: 113.103 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 712.33 Mbit/s
95th percentile per-packet one-way delay: 116.963 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 616.34 Mbit/s
95th percentile per-packet one-way delay: 99.055 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 510.34 Mbit/s
95th percentile per-packet one-way delay: 73.665 ms
Loss rate: 0.00%

Run 2: Report of FillP-Sheep — Data Link

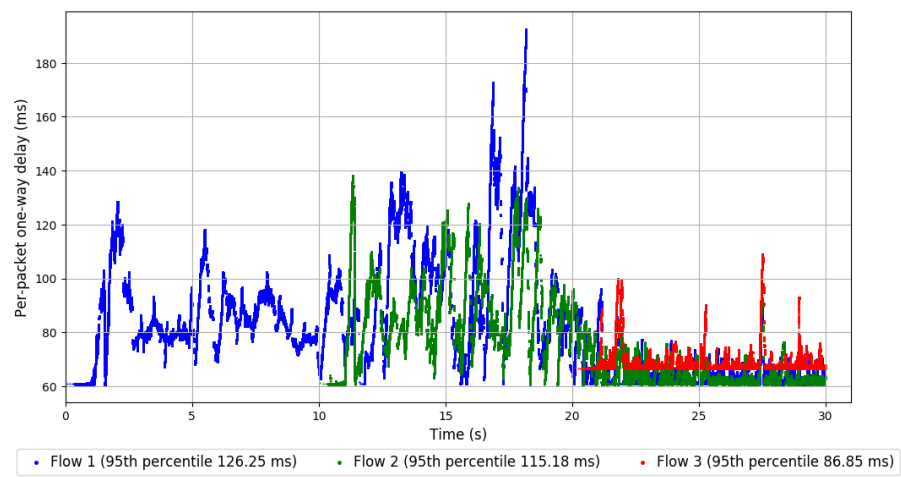
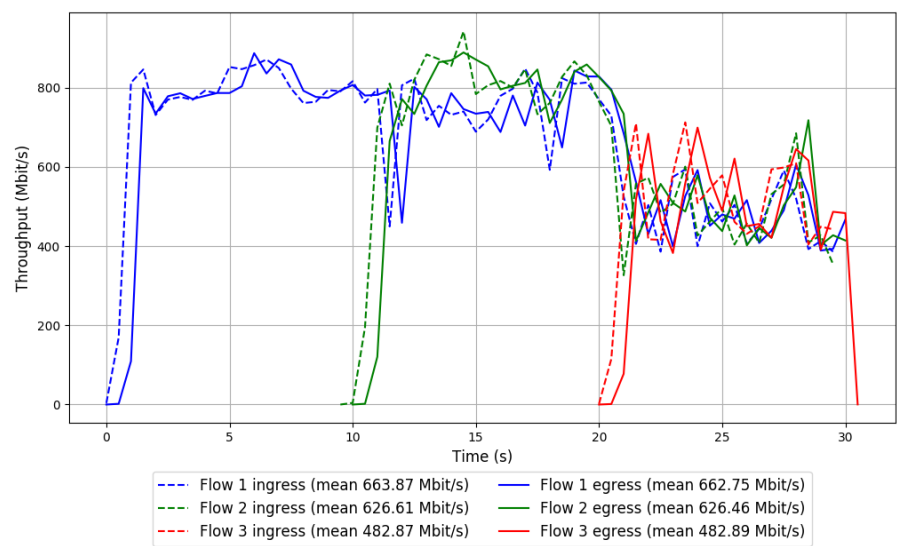


Run 3: Statistics of FillP-Sheep

Start at: 2018-08-02 08:09:13
End at: 2018-08-02 08:09:43
Local clock offset: -0.039 ms
Remote clock offset: -0.251 ms

Below is generated by plot.py at 2018-08-02 12:51:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 1239.39 Mbit/s
95th percentile per-packet one-way delay: 120.003 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 662.75 Mbit/s
95th percentile per-packet one-way delay: 126.255 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 626.46 Mbit/s
95th percentile per-packet one-way delay: 115.183 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 482.89 Mbit/s
95th percentile per-packet one-way delay: 86.852 ms
Loss rate: 0.00%

Run 3: Report of FillP-Sheep — Data Link



Run 4: Statistics of FillP-Sheep

Start at: 2018-08-02 08:34:02

End at: 2018-08-02 08:34:32

Local clock offset: 0.004 ms

Remote clock offset: 1.058 ms

Below is generated by plot.py at 2018-08-02 12:51:03

Datalink statistics

-- Total of 3 flows:

Average throughput: 1195.69 Mbit/s

95th percentile per-packet one-way delay: 185.310 ms

Loss rate: 0.12%

-- Flow 1:

Average throughput: 687.57 Mbit/s

95th percentile per-packet one-way delay: 181.481 ms

Loss rate: 0.06%

-- Flow 2:

Average throughput: 574.79 Mbit/s

95th percentile per-packet one-way delay: 134.430 ms

Loss rate: 0.20%

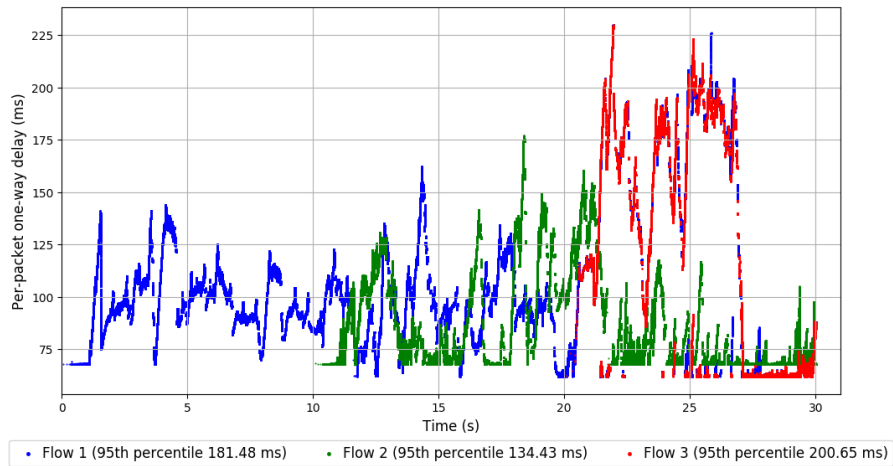
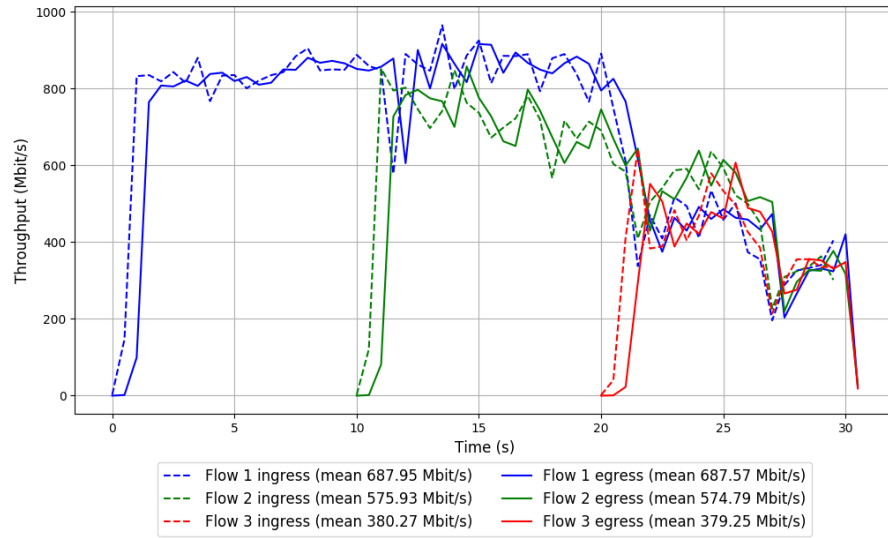
-- Flow 3:

Average throughput: 379.25 Mbit/s

95th percentile per-packet one-way delay: 200.650 ms

Loss rate: 0.20%

Run 4: Report of FillP-Sheep — Data Link

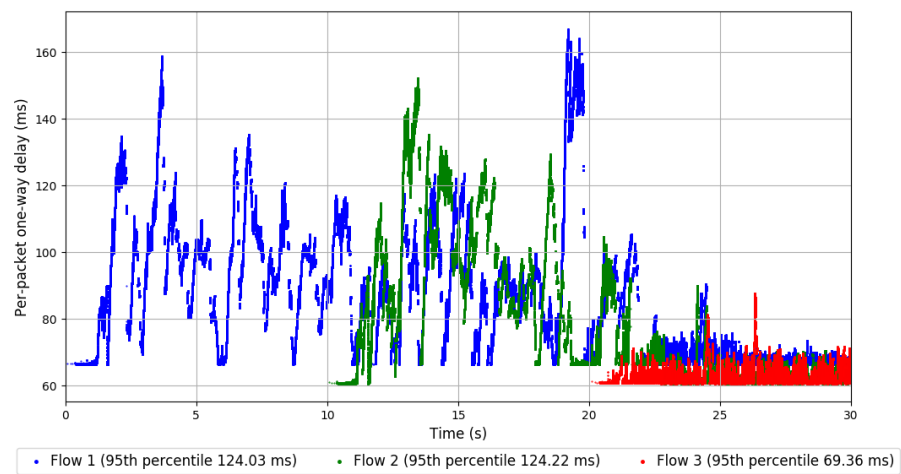
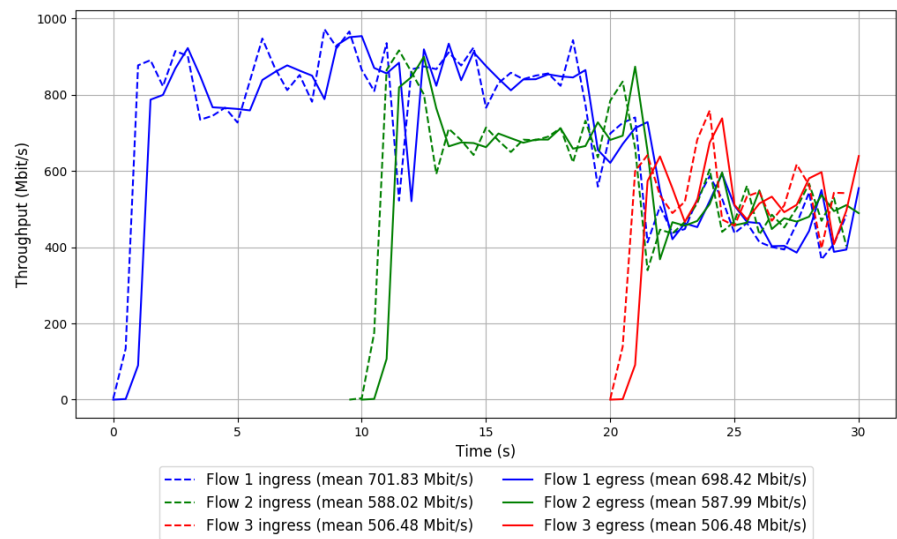


Run 5: Statistics of FillP-Sheep

Start at: 2018-08-02 08:58:57
End at: 2018-08-02 08:59:27
Local clock offset: -0.048 ms
Remote clock offset: -0.314 ms

```
# Below is generated by plot.py at 2018-08-02 12:51:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1257.31 Mbit/s
95th percentile per-packet one-way delay: 122.206 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 698.42 Mbit/s
95th percentile per-packet one-way delay: 124.030 ms
Loss rate: 0.48%
-- Flow 2:
Average throughput: 587.99 Mbit/s
95th percentile per-packet one-way delay: 124.223 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 506.48 Mbit/s
95th percentile per-packet one-way delay: 69.360 ms
Loss rate: 0.00%
```


Run 5: Report of FillP-Sheep — Data Link



Run 6: Statistics of FillP-Sheep

Start at: 2018-08-02 09:23:53

End at: 2018-08-02 09:24:23

Local clock offset: -0.055 ms

Remote clock offset: 0.958 ms

Below is generated by plot.py at 2018-08-02 12:52:09

Datalink statistics

-- Total of 3 flows:

Average throughput: 1261.28 Mbit/s

95th percentile per-packet one-way delay: 120.281 ms

Loss rate: 0.43%

-- Flow 1:

Average throughput: 701.41 Mbit/s

95th percentile per-packet one-way delay: 124.015 ms

Loss rate: 0.46%

-- Flow 2:

Average throughput: 613.08 Mbit/s

95th percentile per-packet one-way delay: 121.778 ms

Loss rate: 0.55%

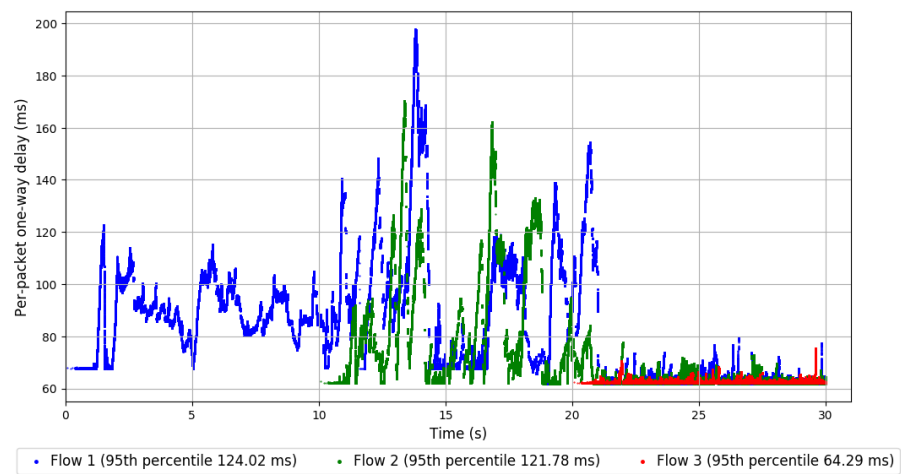
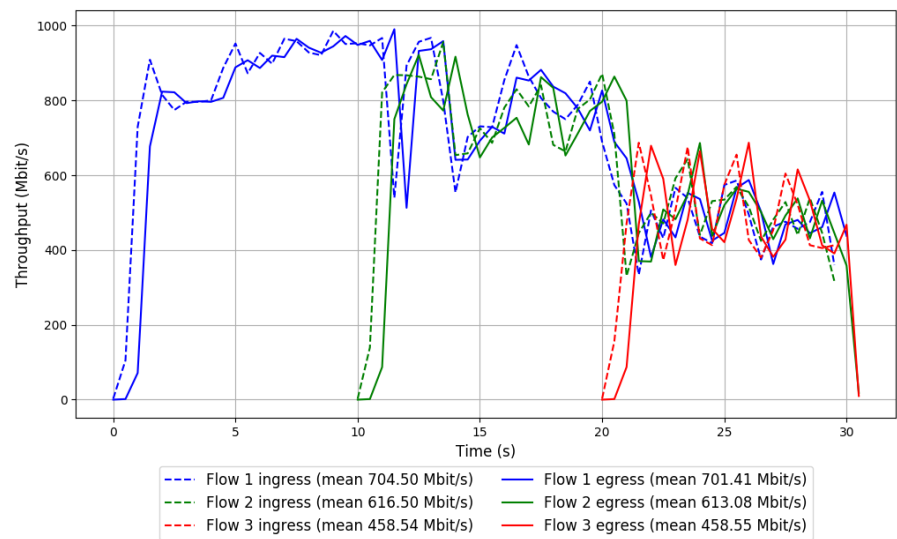
-- Flow 3:

Average throughput: 458.55 Mbit/s

95th percentile per-packet one-way delay: 64.289 ms

Loss rate: 0.00%

Run 6: Report of FillP-Sheep — Data Link

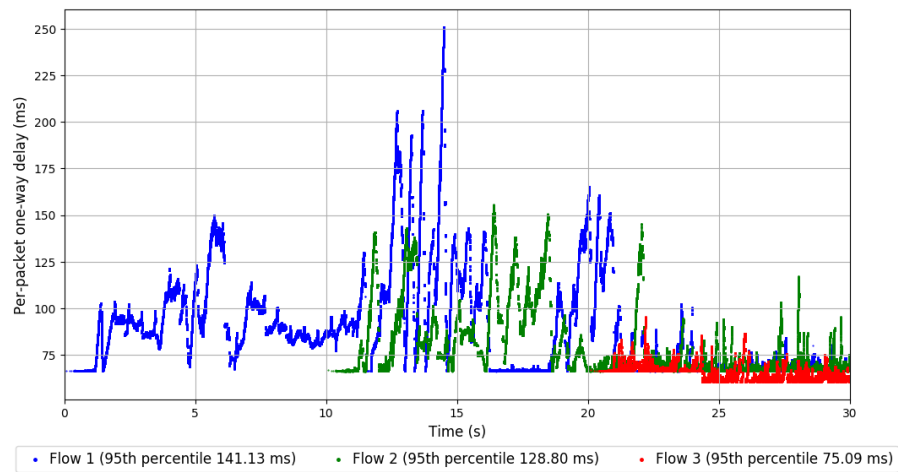
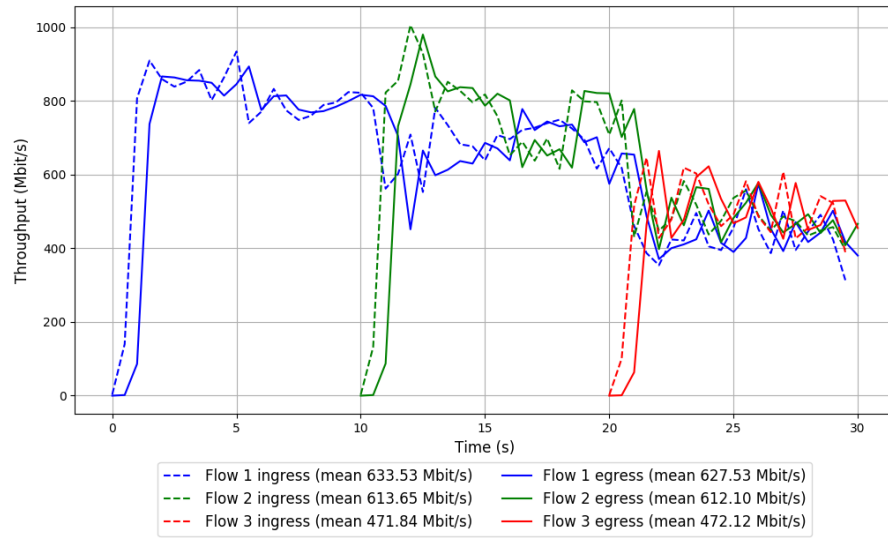


Run 7: Statistics of FillP-Sheep

Start at: 2018-08-02 09:48:46
End at: 2018-08-02 09:49:16
Local clock offset: -0.138 ms
Remote clock offset: -0.361 ms

Below is generated by plot.py at 2018-08-02 13:15:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 1190.83 Mbit/s
95th percentile per-packet one-way delay: 136.276 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 627.53 Mbit/s
95th percentile per-packet one-way delay: 141.128 ms
Loss rate: 0.95%
-- Flow 2:
Average throughput: 612.10 Mbit/s
95th percentile per-packet one-way delay: 128.802 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 472.12 Mbit/s
95th percentile per-packet one-way delay: 75.095 ms
Loss rate: 0.00%

Run 7: Report of FillP-Sheep — Data Link

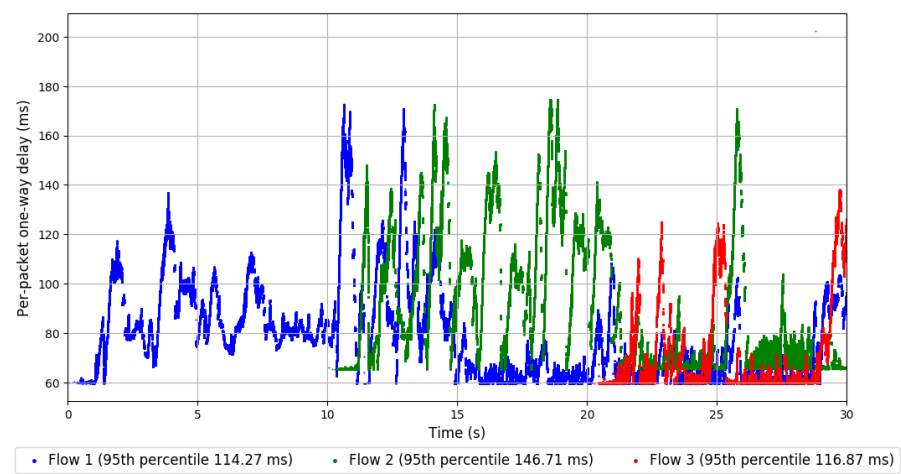
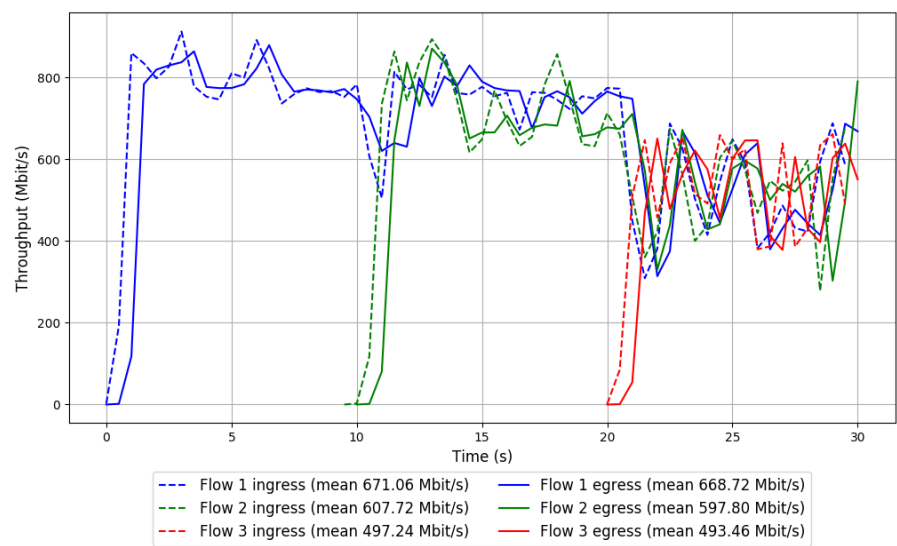


Run 8: Statistics of FillP-Sheep

Start at: 2018-08-02 10:13:48
End at: 2018-08-02 10:14:18
Local clock offset: -0.099 ms
Remote clock offset: -1.192 ms

Below is generated by plot.py at 2018-08-02 13:18:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 1230.05 Mbit/s
95th percentile per-packet one-way delay: 132.645 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 668.72 Mbit/s
95th percentile per-packet one-way delay: 114.271 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 597.80 Mbit/s
95th percentile per-packet one-way delay: 146.705 ms
Loss rate: 1.63%
-- Flow 3:
Average throughput: 493.46 Mbit/s
95th percentile per-packet one-way delay: 116.873 ms
Loss rate: 0.65%

Run 8: Report of FillP-Sheep — Data Link

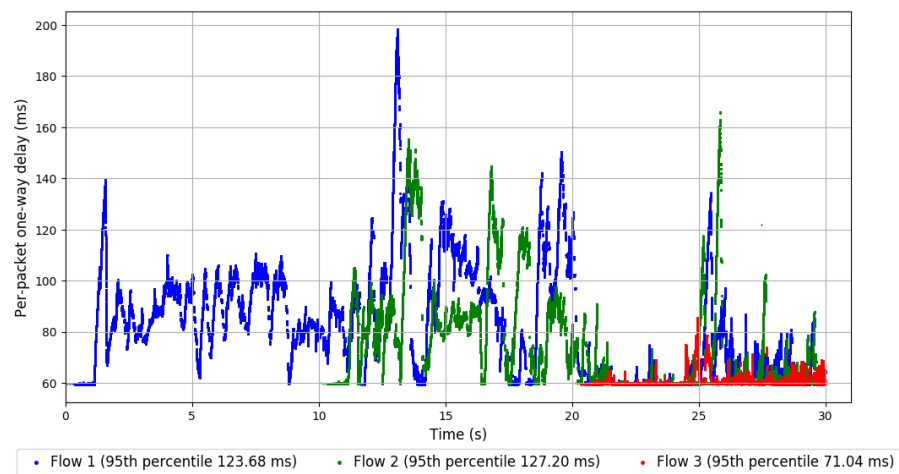
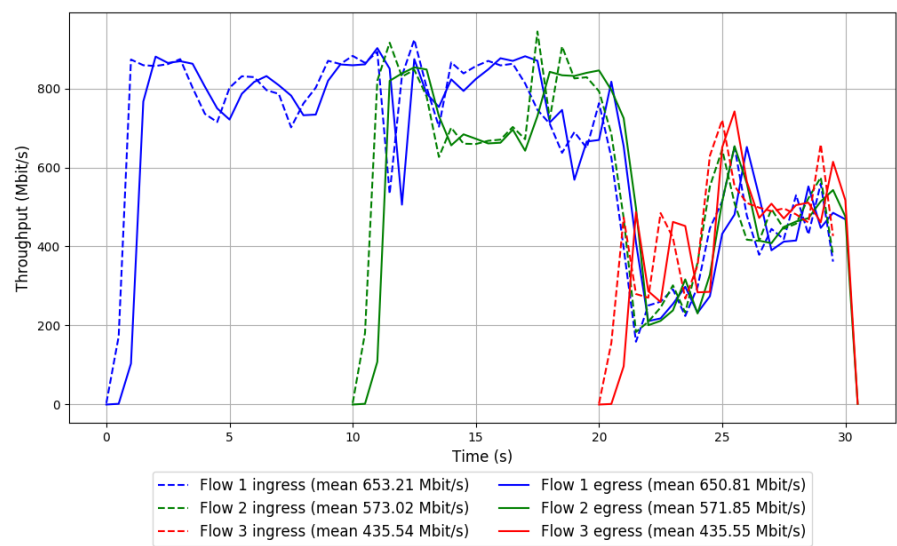


Run 9: Statistics of FillP-Sheep

Start at: 2018-08-02 10:38:32
End at: 2018-08-02 10:39:02
Local clock offset: -0.16 ms
Remote clock offset: -1.538 ms

Below is generated by plot.py at 2018-08-02 13:18:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 1175.57 Mbit/s
95th percentile per-packet one-way delay: 122.384 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 650.81 Mbit/s
95th percentile per-packet one-way delay: 123.676 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 571.85 Mbit/s
95th percentile per-packet one-way delay: 127.198 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 435.55 Mbit/s
95th percentile per-packet one-way delay: 71.037 ms
Loss rate: 0.00%

Run 9: Report of FillP-Sheep — Data Link



Run 10: Statistics of FillP-Sheep

Start at: 2018-08-02 11:03:43

End at: 2018-08-02 11:04:13

Local clock offset: -0.018 ms

Remote clock offset: -0.08 ms

Below is generated by plot.py at 2018-08-02 13:20:46

Datalink statistics

-- Total of 3 flows:

Average throughput: 1295.75 Mbit/s

95th percentile per-packet one-way delay: 109.328 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 695.80 Mbit/s

95th percentile per-packet one-way delay: 109.645 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 619.97 Mbit/s

95th percentile per-packet one-way delay: 123.244 ms

Loss rate: 0.05%

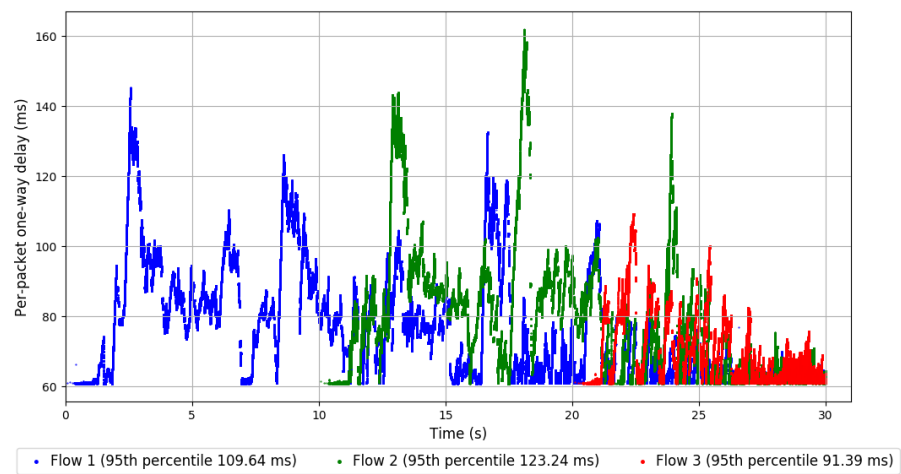
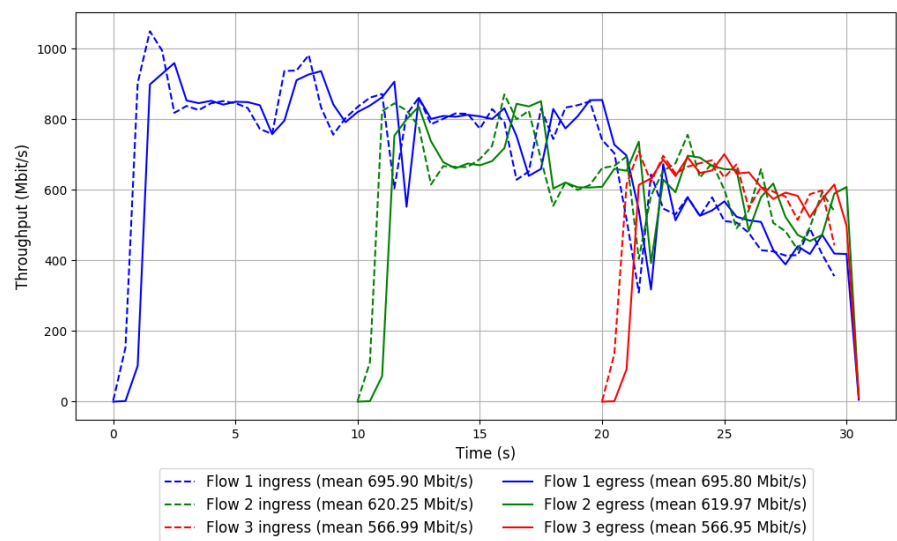
-- Flow 3:

Average throughput: 566.95 Mbit/s

95th percentile per-packet one-way delay: 91.395 ms

Loss rate: 0.01%

Run 10: Report of FillP-Sheep — Data Link

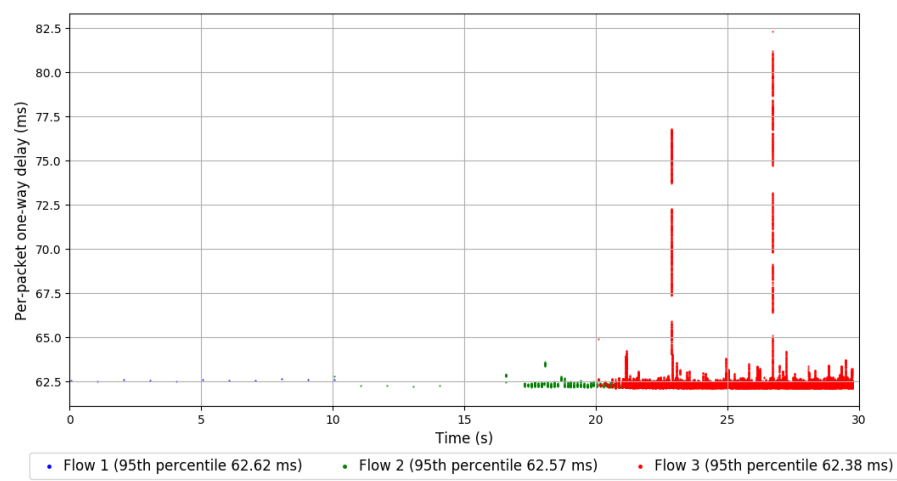
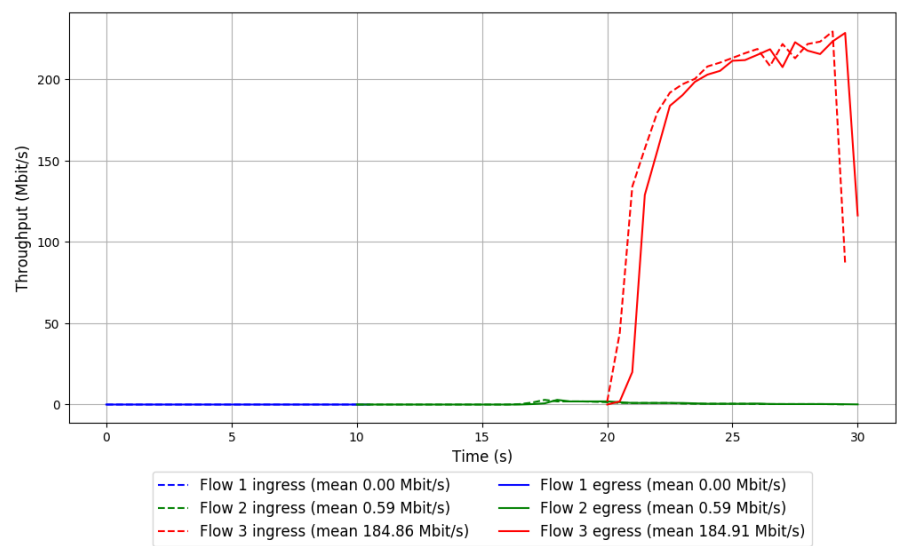


```
Run 1: Statistics of Indigo

Start at: 2018-08-02 07:11:36
End at: 2018-08-02 07:12:06
Local clock offset: -0.042 ms
Remote clock offset: 1.282 ms

# Below is generated by plot.py at 2018-08-02 13:20:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 60.62 Mbit/s
95th percentile per-packet one-way delay: 62.380 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 62.615 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.59 Mbit/s
95th percentile per-packet one-way delay: 62.572 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 184.91 Mbit/s
95th percentile per-packet one-way delay: 62.378 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo — Data Link

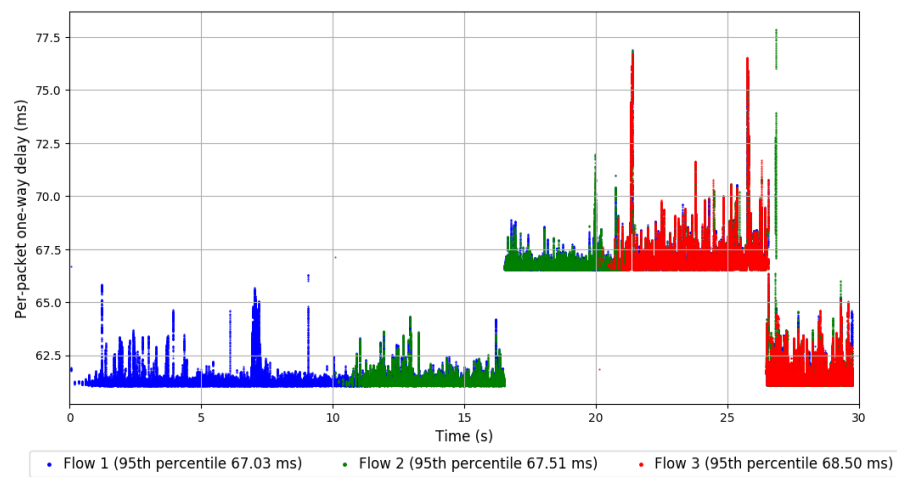
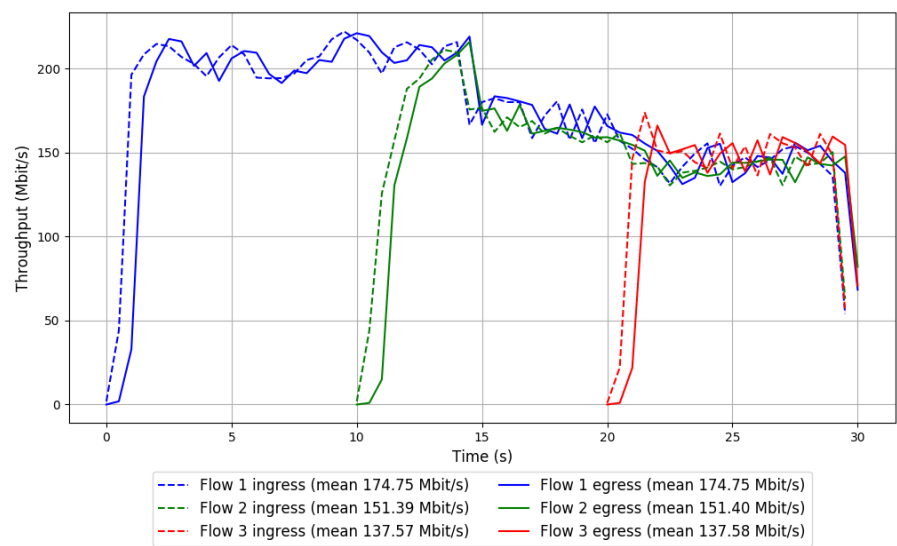


Run 2: Statistics of Indigo

Start at: 2018-08-02 07:36:23
End at: 2018-08-02 07:36:53
Local clock offset: -0.031 ms
Remote clock offset: -0.068 ms

Below is generated by plot.py at 2018-08-02 13:20:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 319.58 Mbit/s
95th percentile per-packet one-way delay: 67.405 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 174.75 Mbit/s
95th percentile per-packet one-way delay: 67.026 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 151.40 Mbit/s
95th percentile per-packet one-way delay: 67.513 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 137.58 Mbit/s
95th percentile per-packet one-way delay: 68.501 ms
Loss rate: 0.00%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2018-08-02 08:01:16

End at: 2018-08-02 08:01:46

Local clock offset: -0.004 ms

Remote clock offset: 0.105 ms

Below is generated by plot.py at 2018-08-02 13:20:46

Datalink statistics

-- Total of 3 flows:

Average throughput: 333.81 Mbit/s

95th percentile per-packet one-way delay: 67.493 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 184.11 Mbit/s

95th percentile per-packet one-way delay: 67.323 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 161.71 Mbit/s

95th percentile per-packet one-way delay: 67.646 ms

Loss rate: 0.00%

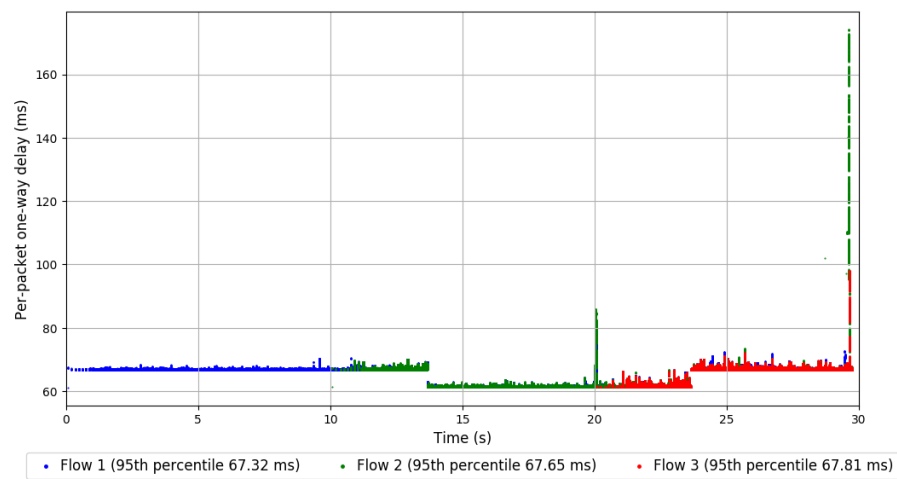
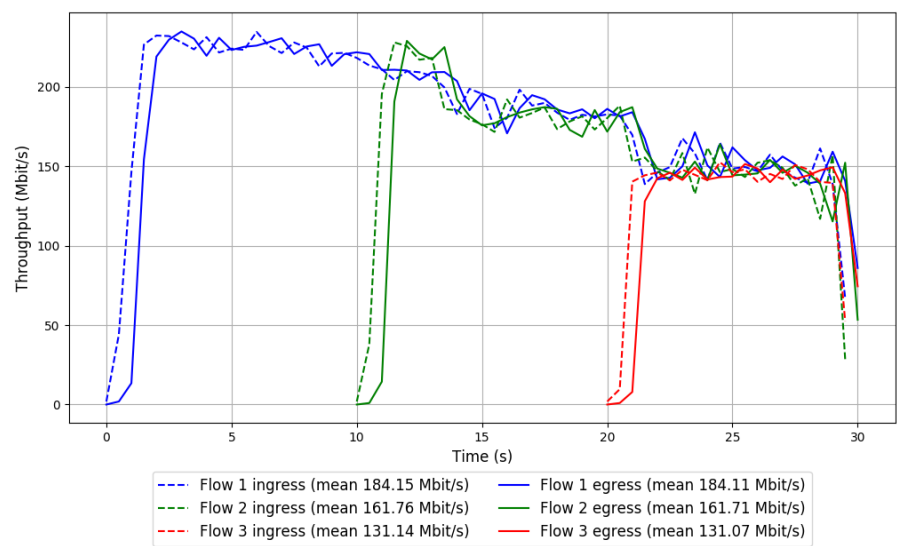
-- Flow 3:

Average throughput: 131.07 Mbit/s

95th percentile per-packet one-way delay: 67.805 ms

Loss rate: 0.00%

Run 3: Report of Indigo — Data Link

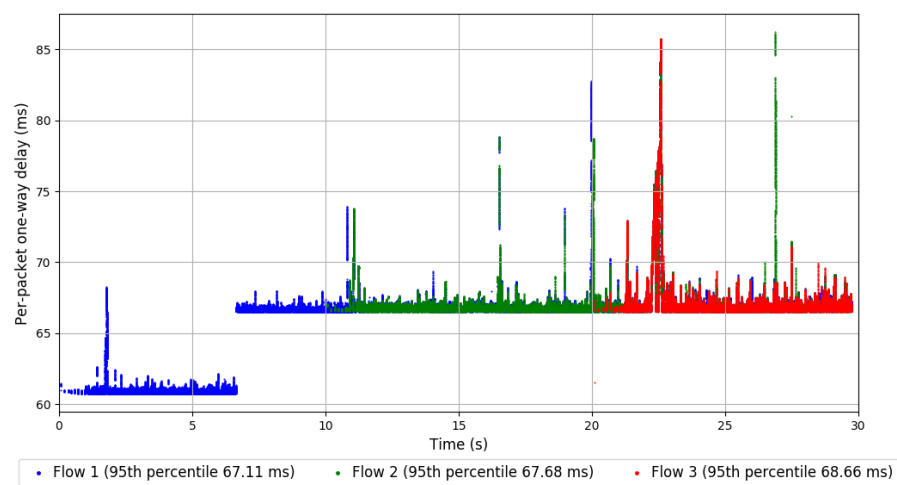
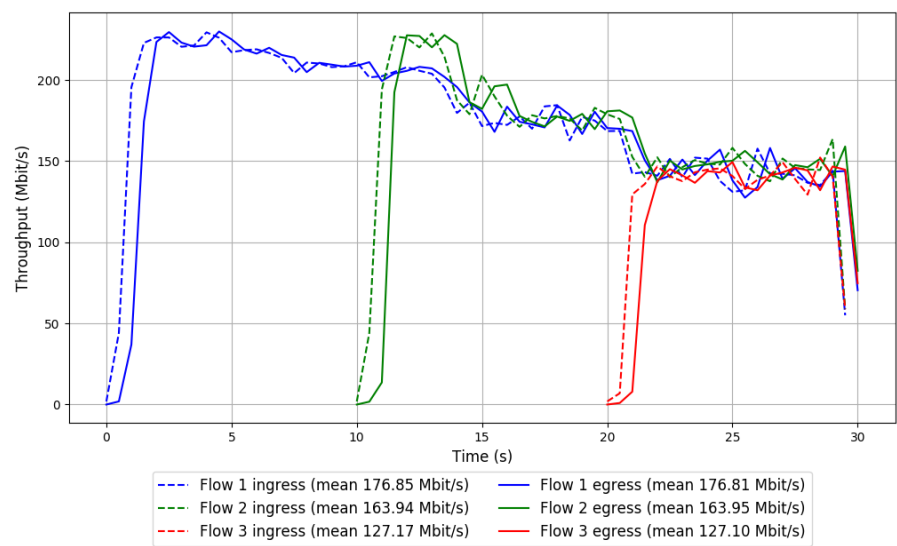


Run 4: Statistics of Indigo

Start at: 2018-08-02 08:25:43
End at: 2018-08-02 08:26:13
Local clock offset: -0.034 ms
Remote clock offset: -0.176 ms

Below is generated by plot.py at 2018-08-02 13:20:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 326.80 Mbit/s
95th percentile per-packet one-way delay: 67.444 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 176.81 Mbit/s
95th percentile per-packet one-way delay: 67.115 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 163.95 Mbit/s
95th percentile per-packet one-way delay: 67.681 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 127.10 Mbit/s
95th percentile per-packet one-way delay: 68.658 ms
Loss rate: 0.00%

Run 4: Report of Indigo — Data Link

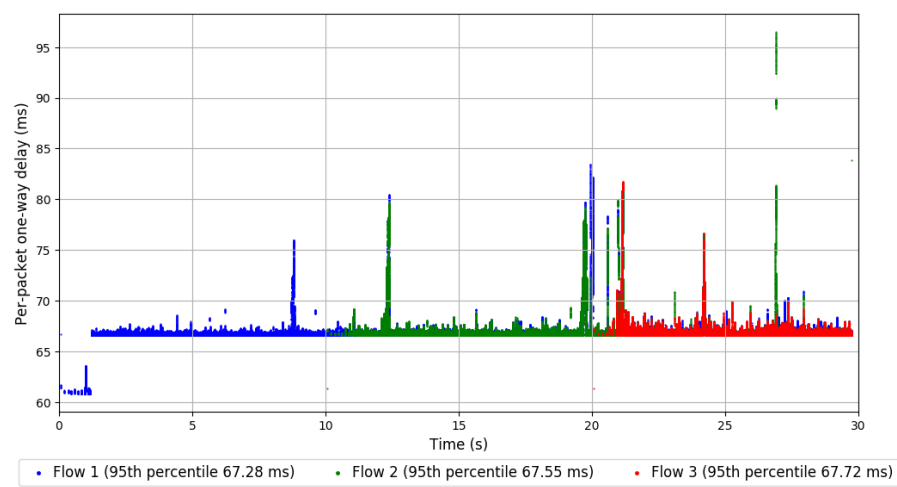
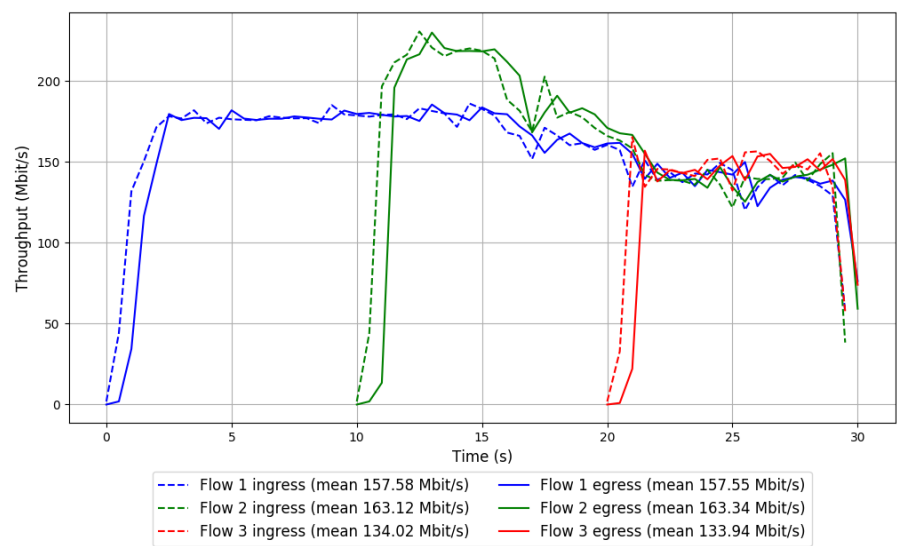


Run 5: Statistics of Indigo

Start at: 2018-08-02 08:50:38
End at: 2018-08-02 08:51:08
Local clock offset: -0.085 ms
Remote clock offset: -0.142 ms

Below is generated by plot.py at 2018-08-02 13:20:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 309.44 Mbit/s
95th percentile per-packet one-way delay: 67.449 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 157.55 Mbit/s
95th percentile per-packet one-way delay: 67.282 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 163.34 Mbit/s
95th percentile per-packet one-way delay: 67.552 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 133.94 Mbit/s
95th percentile per-packet one-way delay: 67.722 ms
Loss rate: 0.00%

Run 5: Report of Indigo — Data Link

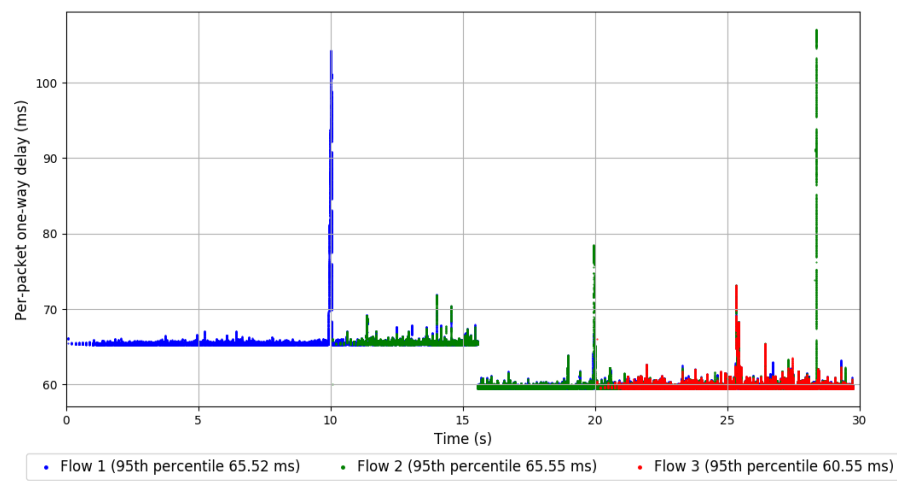
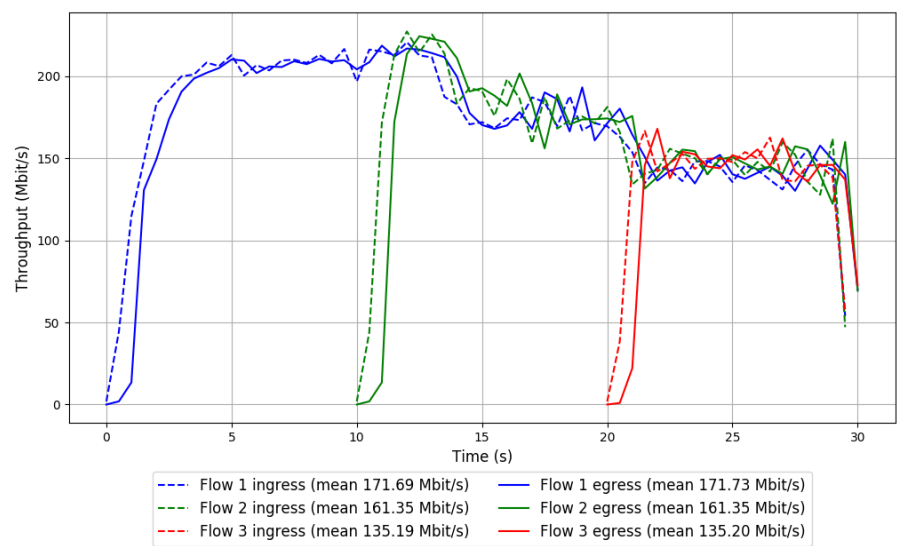


Run 6: Statistics of Indigo

Start at: 2018-08-02 09:15:34
End at: 2018-08-02 09:16:04
Local clock offset: -0.064 ms
Remote clock offset: -1.364 ms

Below is generated by plot.py at 2018-08-02 13:20:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 322.75 Mbit/s
95th percentile per-packet one-way delay: 65.511 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 171.73 Mbit/s
95th percentile per-packet one-way delay: 65.519 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 161.35 Mbit/s
95th percentile per-packet one-way delay: 65.552 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 135.20 Mbit/s
95th percentile per-packet one-way delay: 60.550 ms
Loss rate: 0.00%

Run 6: Report of Indigo — Data Link

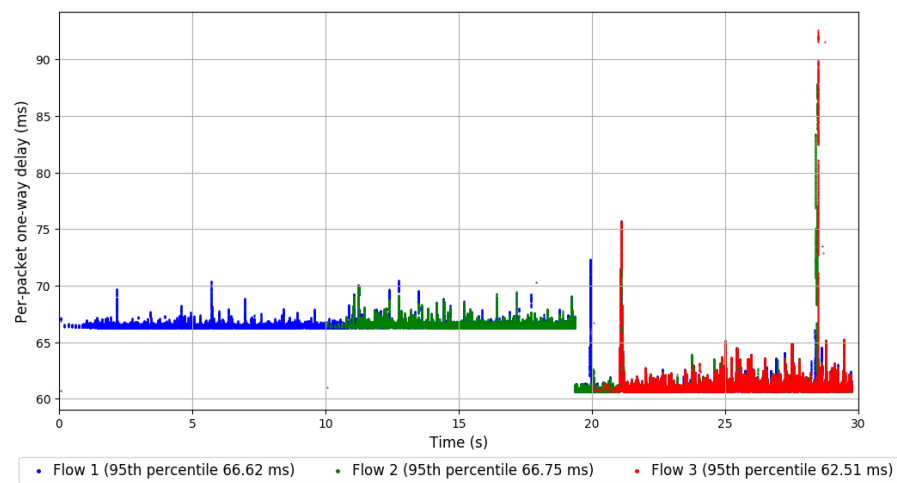
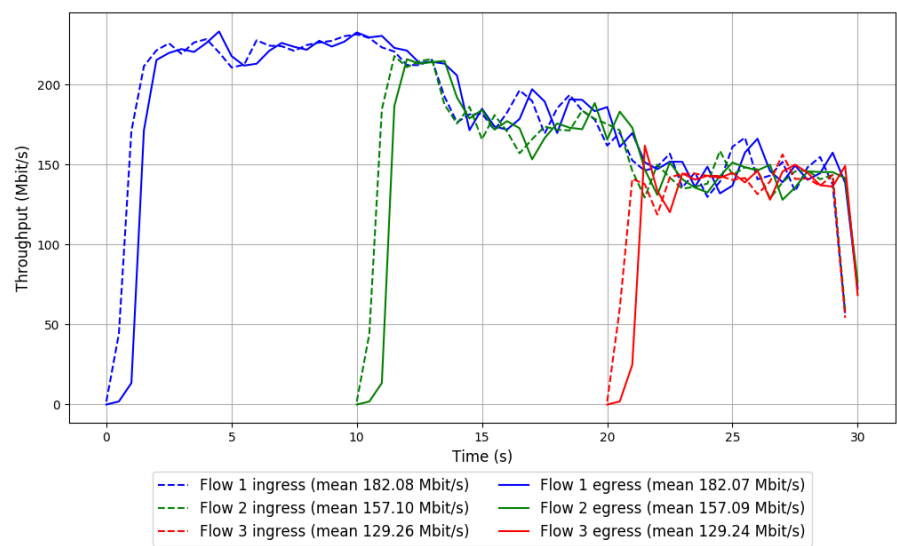


Run 7: Statistics of Indigo

Start at: 2018-08-02 09:40:40
End at: 2018-08-02 09:41:10
Local clock offset: -0.092 ms
Remote clock offset: -0.329 ms

Below is generated by plot.py at 2018-08-02 13:20:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 328.39 Mbit/s
95th percentile per-packet one-way delay: 66.634 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 182.07 Mbit/s
95th percentile per-packet one-way delay: 66.623 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 157.09 Mbit/s
95th percentile per-packet one-way delay: 66.752 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 129.24 Mbit/s
95th percentile per-packet one-way delay: 62.509 ms
Loss rate: 0.02%

Run 7: Report of Indigo — Data Link



Run 8: Statistics of Indigo

Start at: 2018-08-02 10:05:26

End at: 2018-08-02 10:05:56

Local clock offset: -0.099 ms

Remote clock offset: 0.055 ms

Below is generated by plot.py at 2018-08-02 13:20:46

Datalink statistics

-- Total of 3 flows:

Average throughput: 315.95 Mbit/s

95th percentile per-packet one-way delay: 66.858 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 170.00 Mbit/s

95th percentile per-packet one-way delay: 66.872 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 155.19 Mbit/s

95th percentile per-packet one-way delay: 66.875 ms

Loss rate: 0.00%

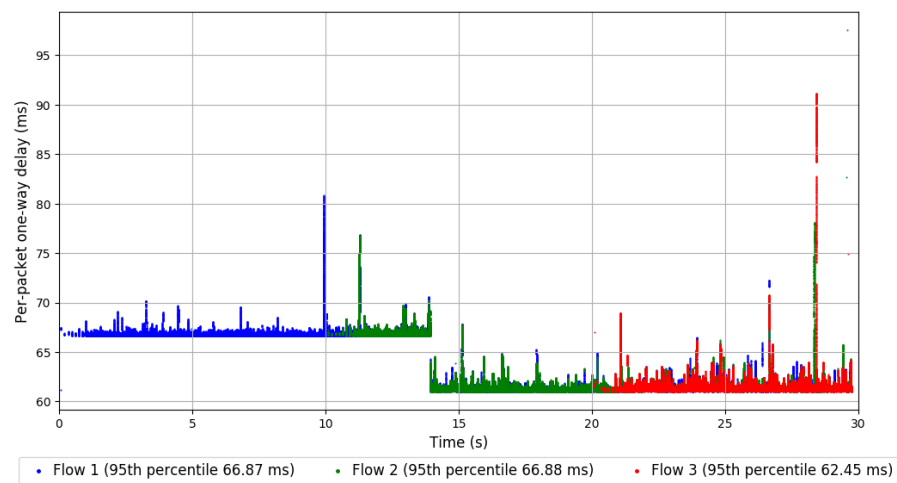
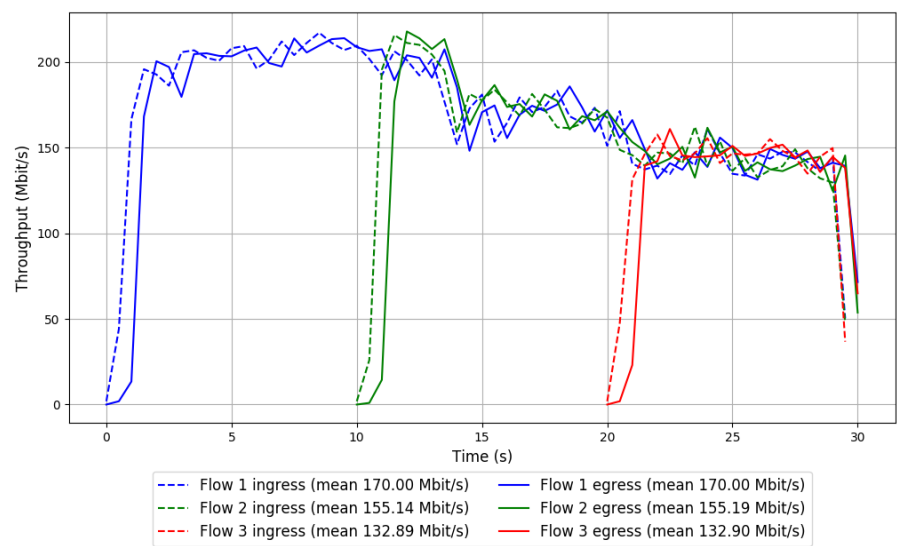
-- Flow 3:

Average throughput: 132.90 Mbit/s

95th percentile per-packet one-way delay: 62.453 ms

Loss rate: 0.00%

Run 8: Report of Indigo — Data Link



Run 9: Statistics of Indigo

Start at: 2018-08-02 10:30:23

End at: 2018-08-02 10:30:53

Local clock offset: -0.189 ms

Remote clock offset: 1.125 ms

Below is generated by plot.py at 2018-08-02 13:20:46

Datalink statistics

-- Total of 3 flows:

Average throughput: 317.63 Mbit/s

95th percentile per-packet one-way delay: 63.278 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 174.77 Mbit/s

95th percentile per-packet one-way delay: 63.020 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 152.99 Mbit/s

95th percentile per-packet one-way delay: 63.318 ms

Loss rate: 0.01%

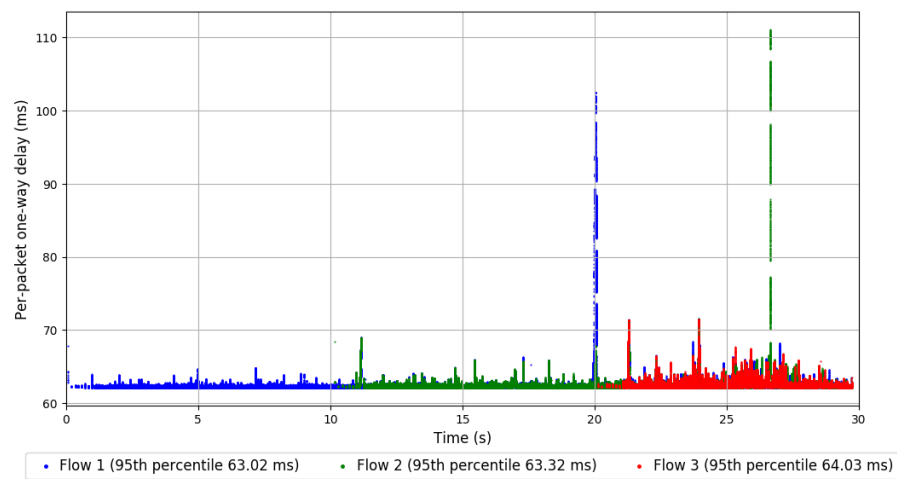
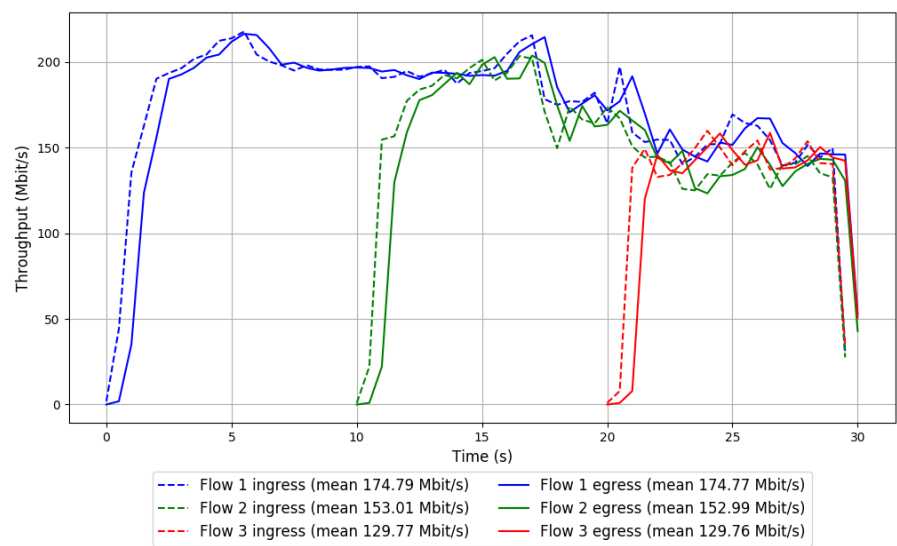
-- Flow 3:

Average throughput: 129.76 Mbit/s

95th percentile per-packet one-way delay: 64.033 ms

Loss rate: 0.01%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2018-08-02 10:55:06

End at: 2018-08-02 10:55:36

Local clock offset: -0.133 ms

Remote clock offset: 1.168 ms

Below is generated by plot.py at 2018-08-02 13:20:46

Datalink statistics

-- Total of 3 flows:

Average throughput: 331.81 Mbit/s

95th percentile per-packet one-way delay: 63.401 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 181.47 Mbit/s

95th percentile per-packet one-way delay: 63.116 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 161.22 Mbit/s

95th percentile per-packet one-way delay: 63.634 ms

Loss rate: 0.00%

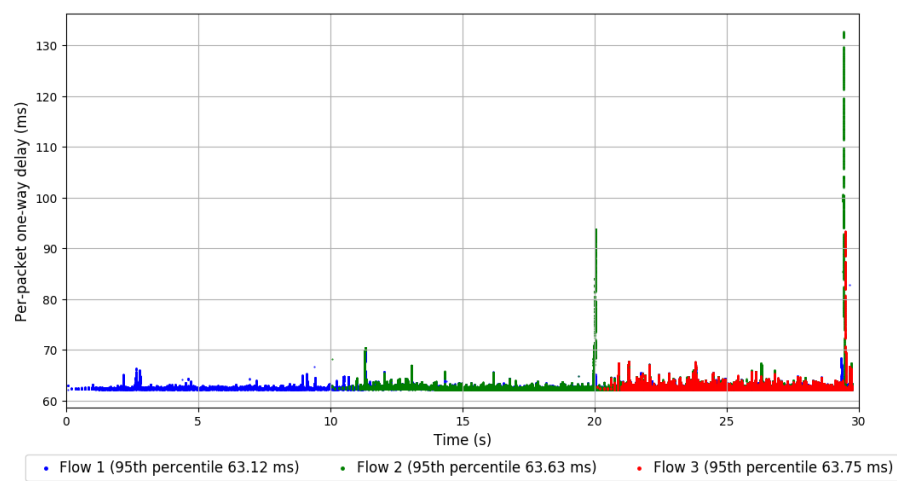
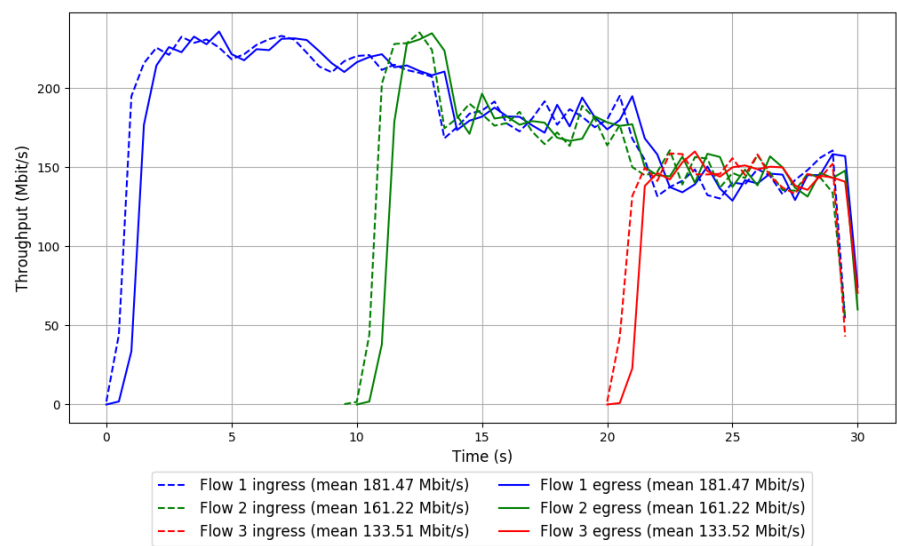
-- Flow 3:

Average throughput: 133.52 Mbit/s

95th percentile per-packet one-way delay: 63.747 ms

Loss rate: 0.00%

Run 10: Report of Indigo — Data Link

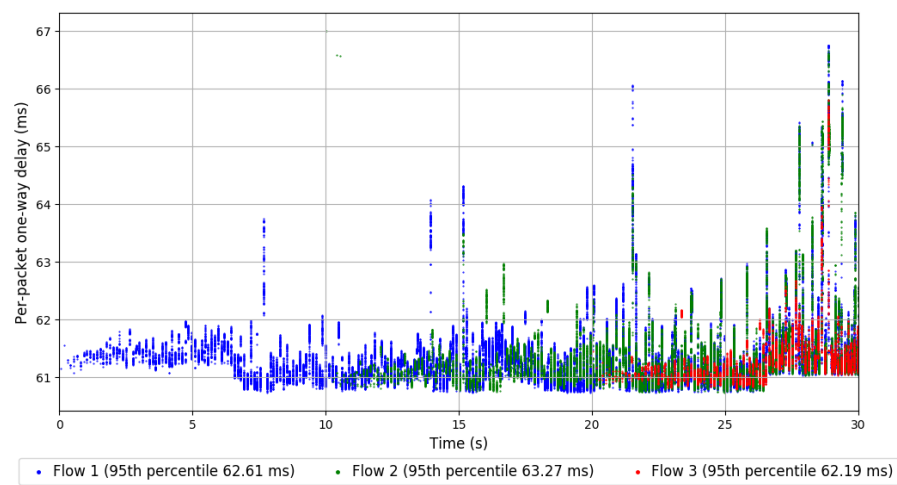
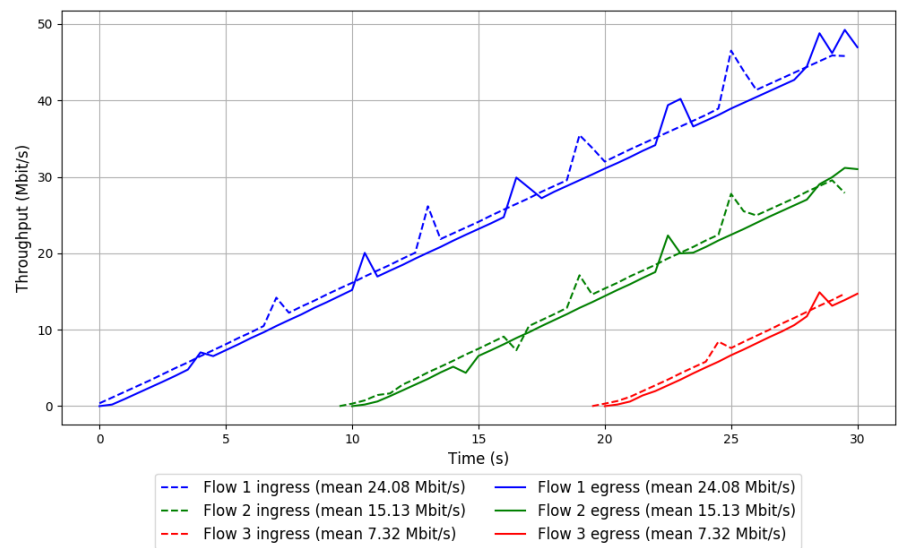


```
Run 1: Statistics of LEDBAT

Start at: 2018-08-02 07:17:03
End at: 2018-08-02 07:17:33
Local clock offset: -0.01 ms
Remote clock offset: -0.054 ms

# Below is generated by plot.py at 2018-08-02 13:20:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 36.61 Mbit/s
95th percentile per-packet one-way delay: 62.745 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.08 Mbit/s
95th percentile per-packet one-way delay: 62.607 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 15.13 Mbit/s
95th percentile per-packet one-way delay: 63.265 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 7.32 Mbit/s
95th percentile per-packet one-way delay: 62.189 ms
Loss rate: 0.00%
```


Run 1: Report of LEDBAT — Data Link

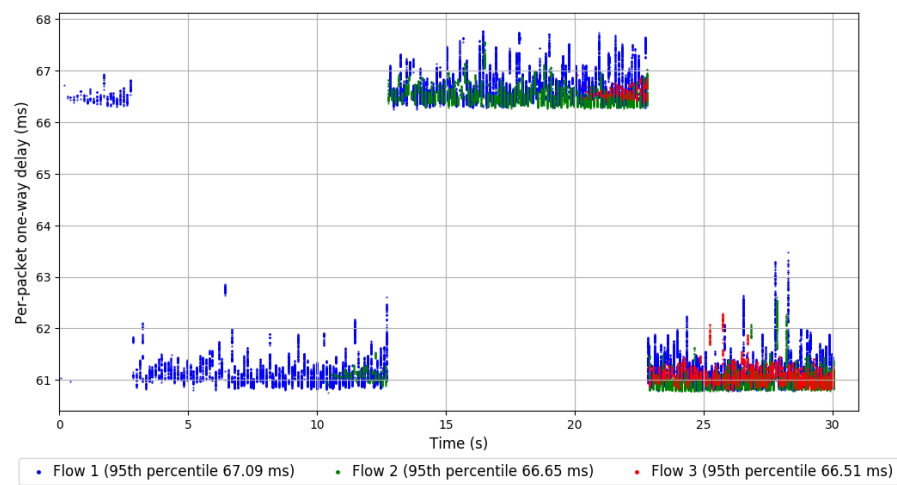
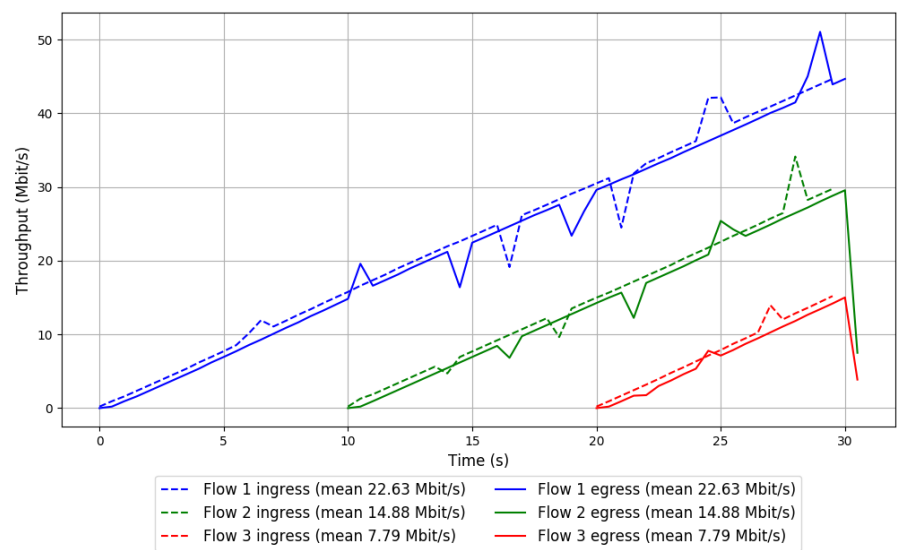


Run 2: Statistics of LEDBAT

Start at: 2018-08-02 07:42:07
End at: 2018-08-02 07:42:37
Local clock offset: -0.003 ms
Remote clock offset: -0.322 ms

Below is generated by plot.py at 2018-08-02 13:20:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 35.09 Mbit/s
95th percentile per-packet one-way delay: 66.959 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.63 Mbit/s
95th percentile per-packet one-way delay: 67.091 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 14.88 Mbit/s
95th percentile per-packet one-way delay: 66.651 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 7.79 Mbit/s
95th percentile per-packet one-way delay: 66.512 ms
Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2018-08-02 08:06:43

End at: 2018-08-02 08:07:13

Local clock offset: -0.029 ms

Remote clock offset: 0.849 ms

Below is generated by plot.py at 2018-08-02 13:20:46

Datalink statistics

-- Total of 3 flows:

Average throughput: 33.11 Mbit/s

95th percentile per-packet one-way delay: 68.351 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 21.21 Mbit/s

95th percentile per-packet one-way delay: 68.412 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 14.21 Mbit/s

95th percentile per-packet one-way delay: 68.324 ms

Loss rate: 0.00%

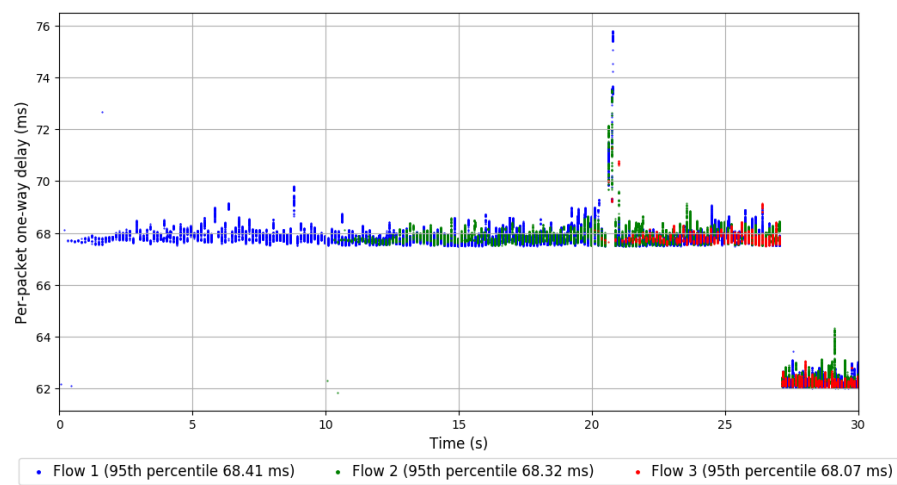
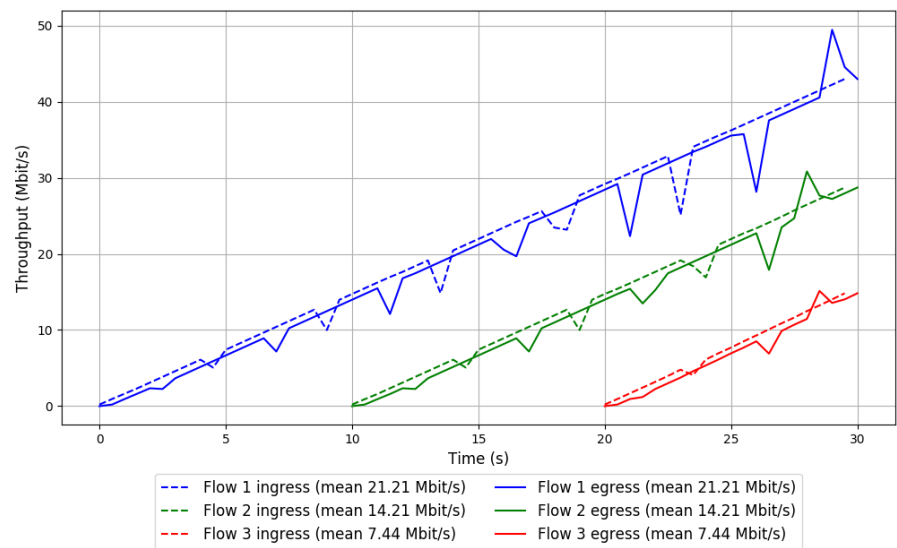
-- Flow 3:

Average throughput: 7.44 Mbit/s

95th percentile per-packet one-way delay: 68.067 ms

Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link

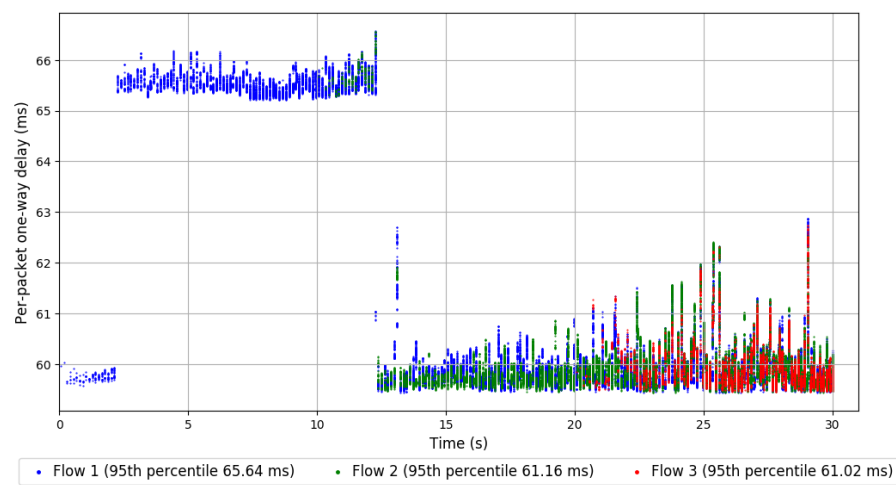
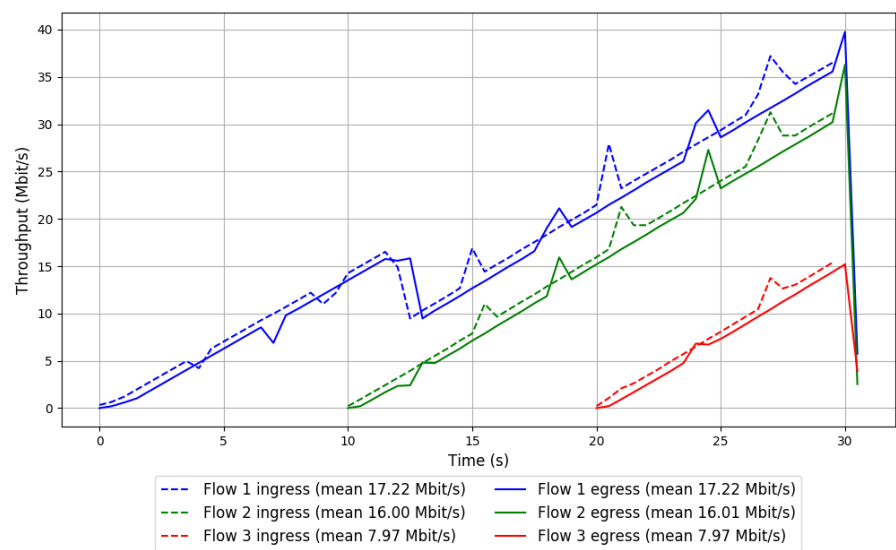


Run 4: Statistics of LEDBAT

Start at: 2018-08-02 08:31:28
End at: 2018-08-02 08:31:58
Local clock offset: 0.007 ms
Remote clock offset: -1.451 ms

Below is generated by plot.py at 2018-08-02 13:20:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 30.51 Mbit/s
95th percentile per-packet one-way delay: 65.547 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 17.22 Mbit/s
95th percentile per-packet one-way delay: 65.642 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 16.01 Mbit/s
95th percentile per-packet one-way delay: 61.156 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 7.97 Mbit/s
95th percentile per-packet one-way delay: 61.023 ms
Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link

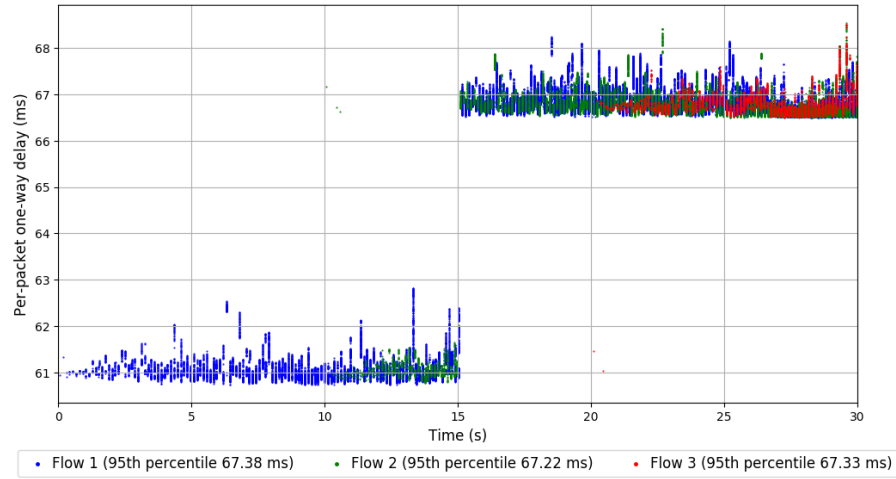
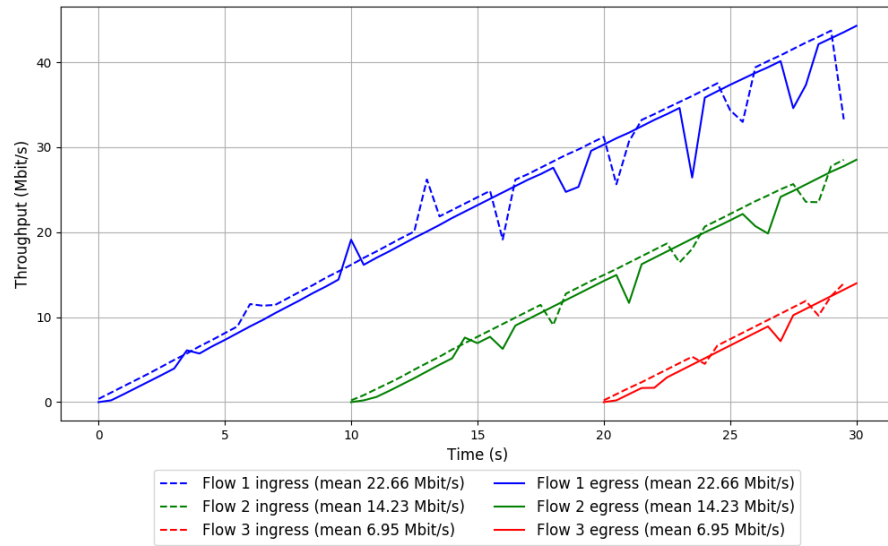


Run 5: Statistics of LEDBAT

Start at: 2018-08-02 08:56:25
End at: 2018-08-02 08:56:55
Local clock offset: -0.004 ms
Remote clock offset: -0.146 ms

Below is generated by plot.py at 2018-08-02 13:20:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 34.39 Mbit/s
95th percentile per-packet one-way delay: 67.344 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.66 Mbit/s
95th percentile per-packet one-way delay: 67.379 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 14.23 Mbit/s
95th percentile per-packet one-way delay: 67.220 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 6.95 Mbit/s
95th percentile per-packet one-way delay: 67.333 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

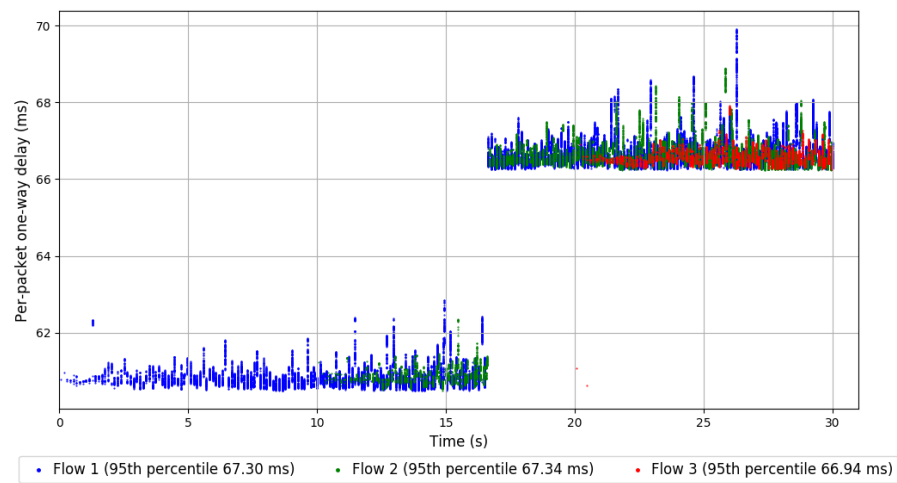
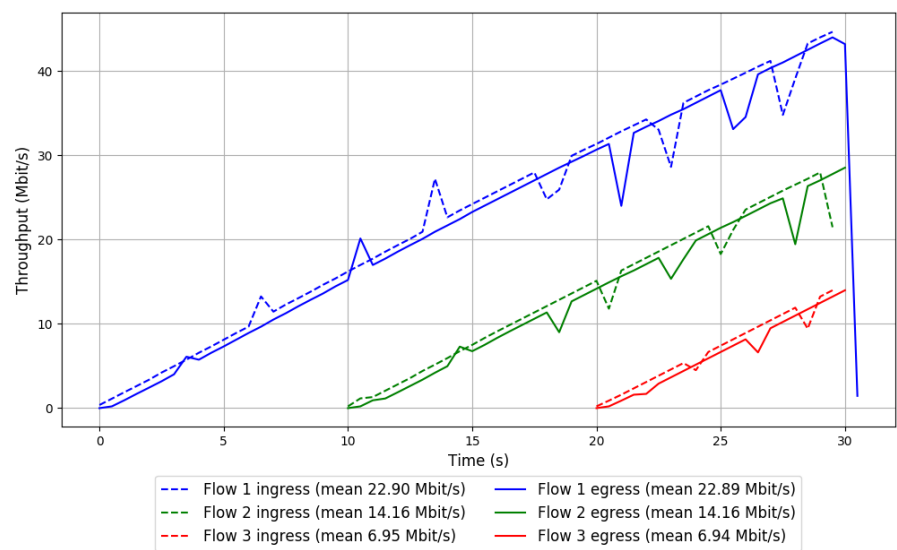


Run 6: Statistics of LEDBAT

Start at: 2018-08-02 09:21:23
End at: 2018-08-02 09:21:53
Local clock offset: -0.062 ms
Remote clock offset: -0.397 ms

Below is generated by plot.py at 2018-08-02 13:20:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 34.59 Mbit/s
95th percentile per-packet one-way delay: 67.300 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.89 Mbit/s
95th percentile per-packet one-way delay: 67.304 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 14.16 Mbit/s
95th percentile per-packet one-way delay: 67.341 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 6.94 Mbit/s
95th percentile per-packet one-way delay: 66.944 ms
Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link

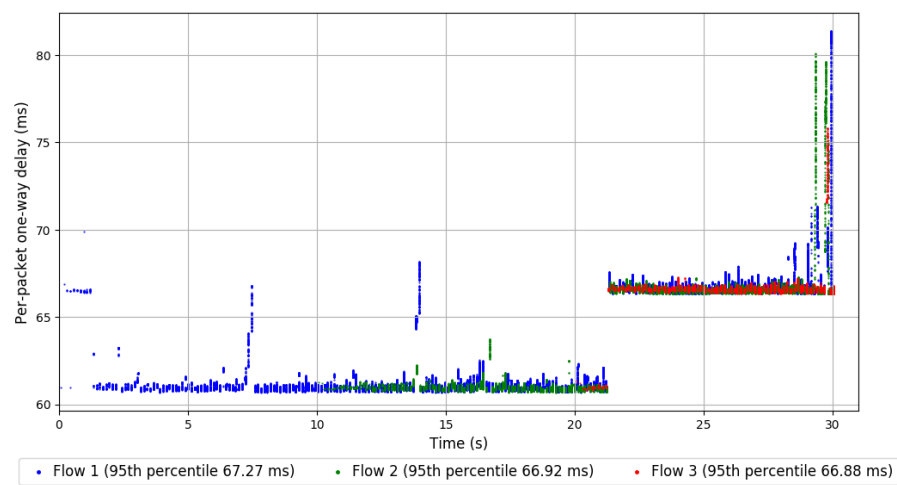
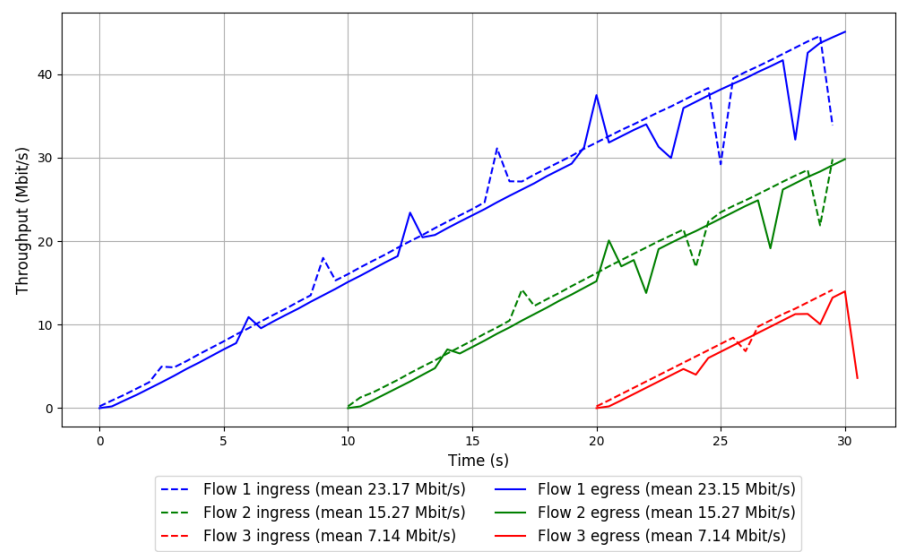


Run 7: Statistics of LEDBAT

Start at: 2018-08-02 09:46:18
End at: 2018-08-02 09:46:48
Local clock offset: -0.116 ms
Remote clock offset: -0.315 ms

Below is generated by plot.py at 2018-08-02 13:20:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 35.59 Mbit/s
95th percentile per-packet one-way delay: 67.144 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 23.15 Mbit/s
95th percentile per-packet one-way delay: 67.271 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 15.27 Mbit/s
95th percentile per-packet one-way delay: 66.915 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 7.14 Mbit/s
95th percentile per-packet one-way delay: 66.877 ms
Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2018-08-02 10:11:15

End at: 2018-08-02 10:11:45

Local clock offset: -0.158 ms

Remote clock offset: 0.902 ms

Below is generated by plot.py at 2018-08-02 13:20:46

Datalink statistics

-- Total of 3 flows:

Average throughput: 32.75 Mbit/s

95th percentile per-packet one-way delay: 68.488 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 21.08 Mbit/s

95th percentile per-packet one-way delay: 68.485 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 14.00 Mbit/s

95th percentile per-packet one-way delay: 68.488 ms

Loss rate: 0.00%

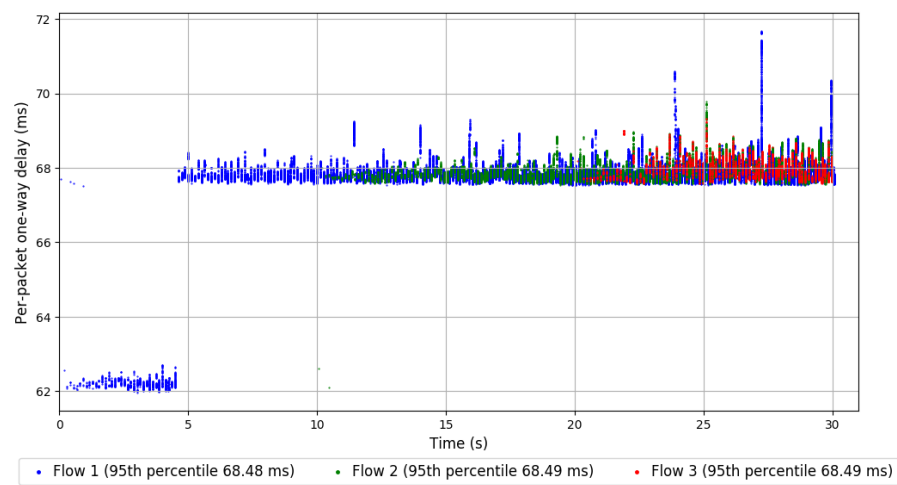
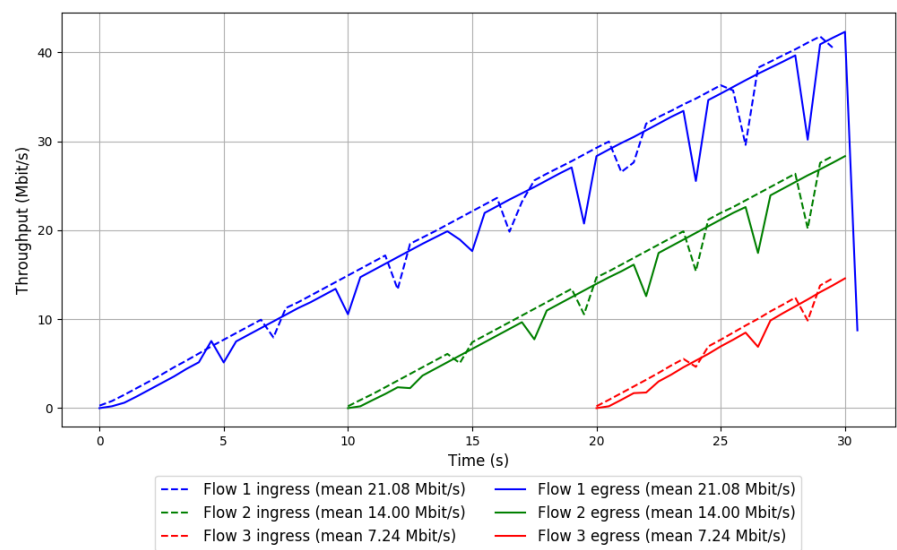
-- Flow 3:

Average throughput: 7.24 Mbit/s

95th percentile per-packet one-way delay: 68.493 ms

Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link

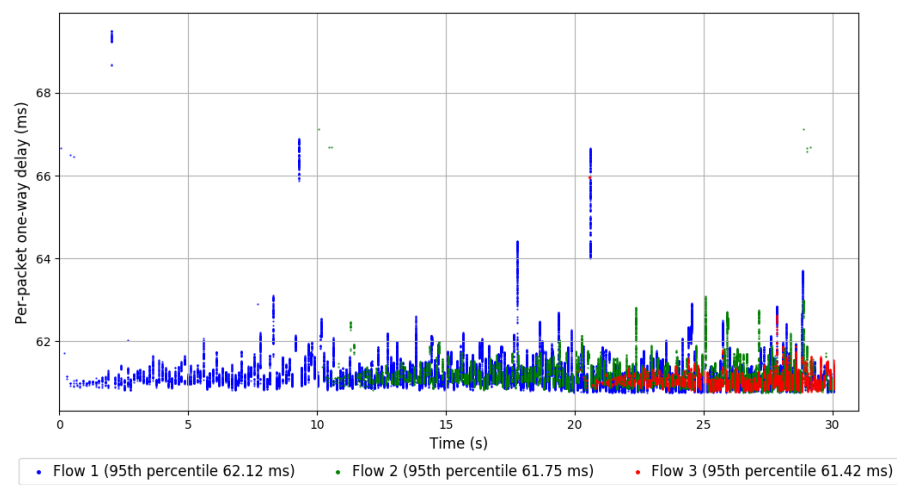
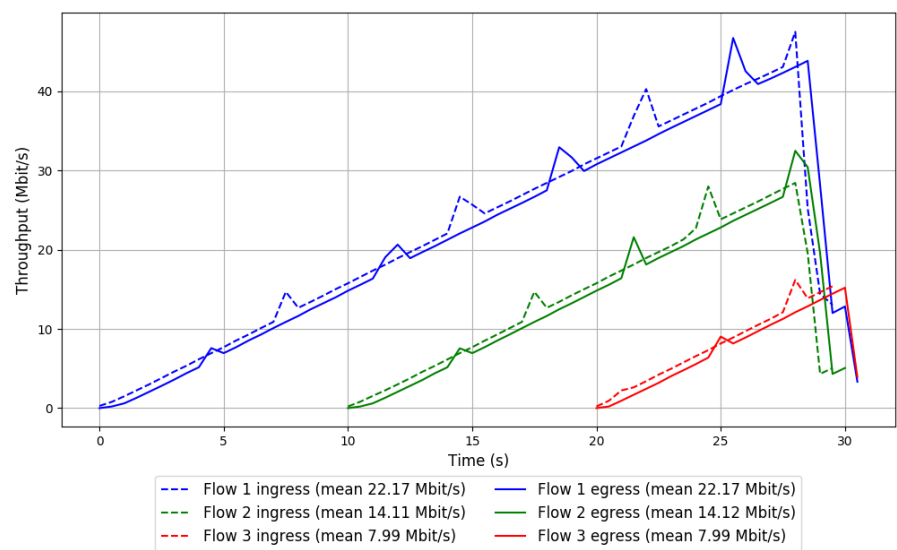


Run 9: Statistics of LEDBAT

Start at: 2018-08-02 10:36:02
End at: 2018-08-02 10:36:32
Local clock offset: -0.197 ms
Remote clock offset: -0.283 ms

Below is generated by plot.py at 2018-08-02 13:20:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 34.19 Mbit/s
95th percentile per-packet one-way delay: 61.968 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.17 Mbit/s
95th percentile per-packet one-way delay: 62.116 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 14.12 Mbit/s
95th percentile per-packet one-way delay: 61.753 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 7.99 Mbit/s
95th percentile per-packet one-way delay: 61.422 ms
Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link

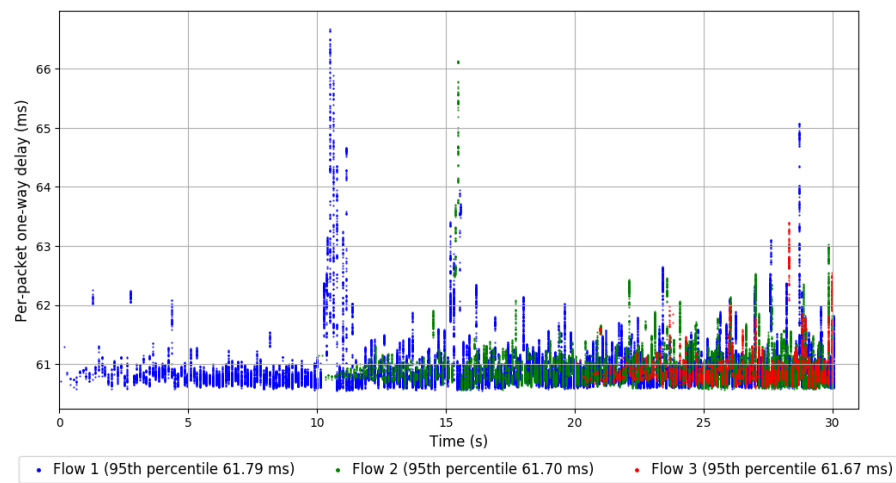
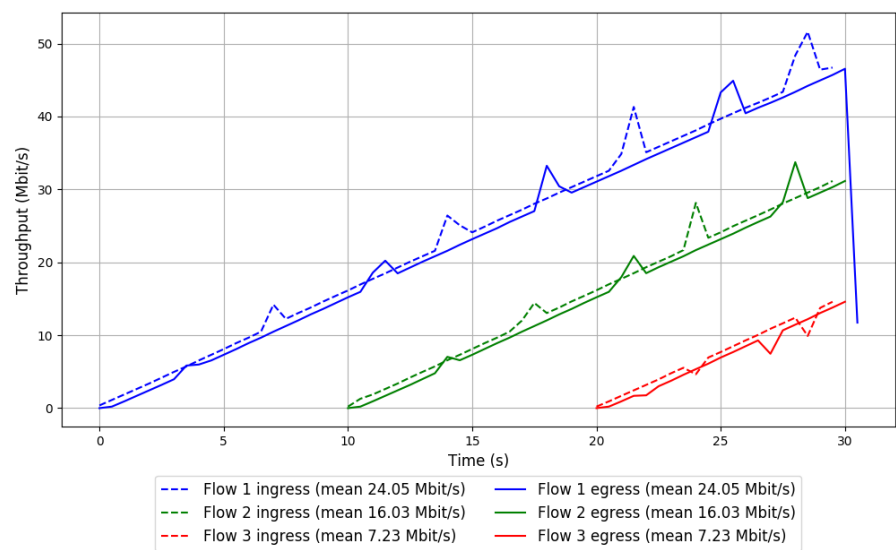


Run 10: Statistics of LEDBAT

Start at: 2018-08-02 11:01:12
End at: 2018-08-02 11:01:42
Local clock offset: -0.087 ms
Remote clock offset: -0.442 ms

Below is generated by plot.py at 2018-08-02 13:20:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 37.07 Mbit/s
95th percentile per-packet one-way delay: 61.749 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.05 Mbit/s
95th percentile per-packet one-way delay: 61.788 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 16.03 Mbit/s
95th percentile per-packet one-way delay: 61.700 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 7.23 Mbit/s
95th percentile per-packet one-way delay: 61.671 ms
Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link

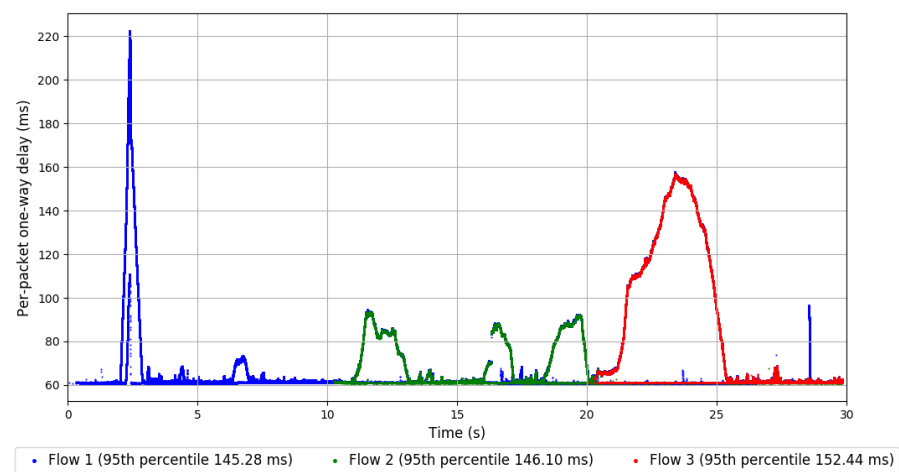
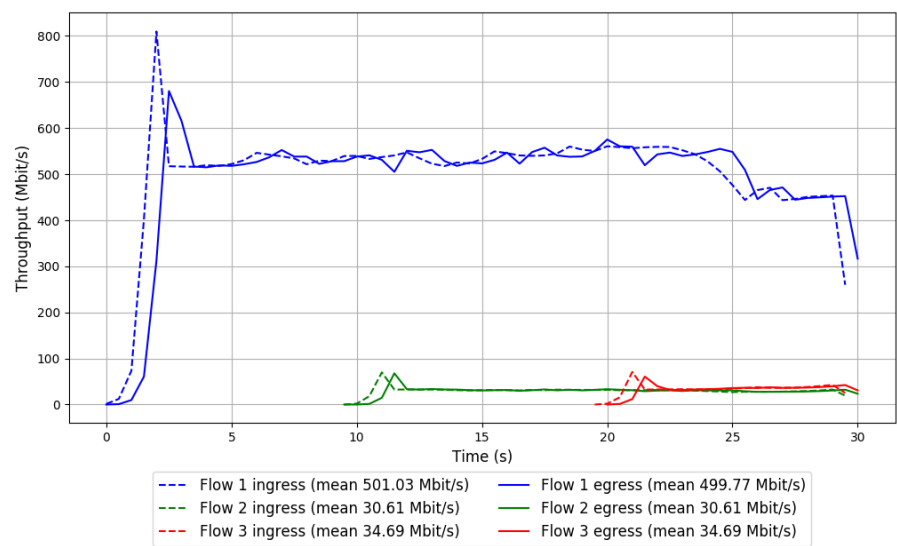


Run 1: Statistics of PCC-Allegro

Start at: 2018-08-02 06:59:43
End at: 2018-08-02 07:00:13
Local clock offset: -0.08 ms
Remote clock offset: -0.202 ms

Below is generated by plot.py at 2018-08-02 13:20:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 531.63 Mbit/s
95th percentile per-packet one-way delay: 146.021 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 499.77 Mbit/s
95th percentile per-packet one-way delay: 145.285 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 30.61 Mbit/s
95th percentile per-packet one-way delay: 146.102 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 34.69 Mbit/s
95th percentile per-packet one-way delay: 152.445 ms
Loss rate: 0.00%

Run 1: Report of PCC-Allegro — Data Link

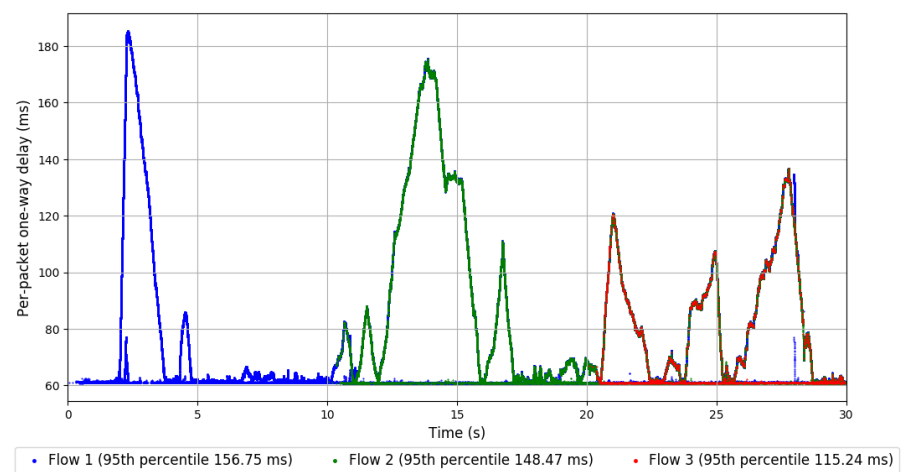
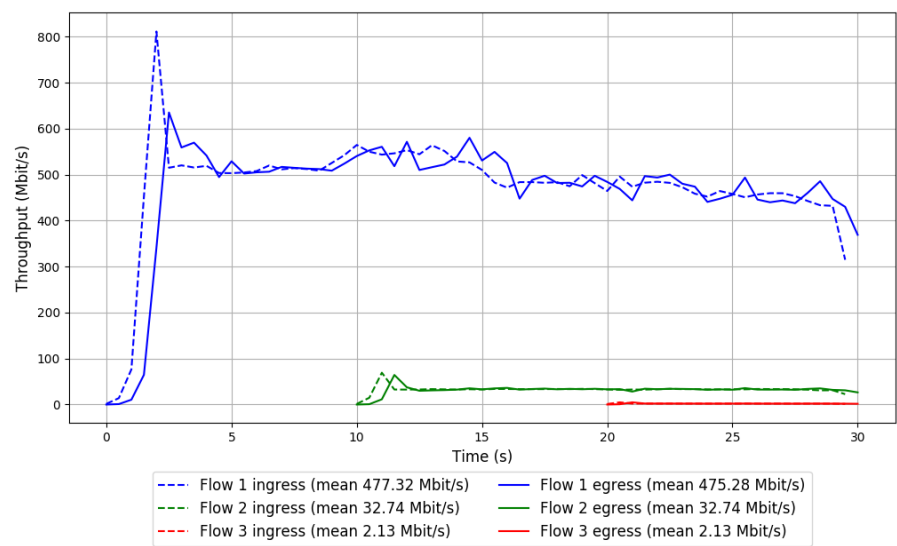


Run 2: Statistics of PCC-Allegro

Start at: 2018-08-02 07:24:19
End at: 2018-08-02 07:24:49
Local clock offset: -0.049 ms
Remote clock offset: -0.087 ms

Below is generated by plot.py at 2018-08-02 13:20:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 497.74 Mbit/s
95th percentile per-packet one-way delay: 156.380 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 475.28 Mbit/s
95th percentile per-packet one-way delay: 156.752 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 32.74 Mbit/s
95th percentile per-packet one-way delay: 148.470 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.13 Mbit/s
95th percentile per-packet one-way delay: 115.244 ms
Loss rate: 0.00%

Run 2: Report of PCC-Allegro — Data Link

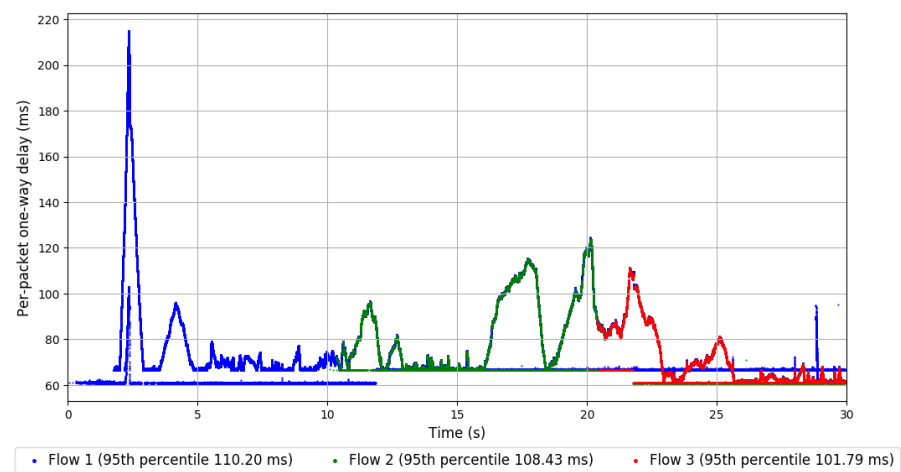
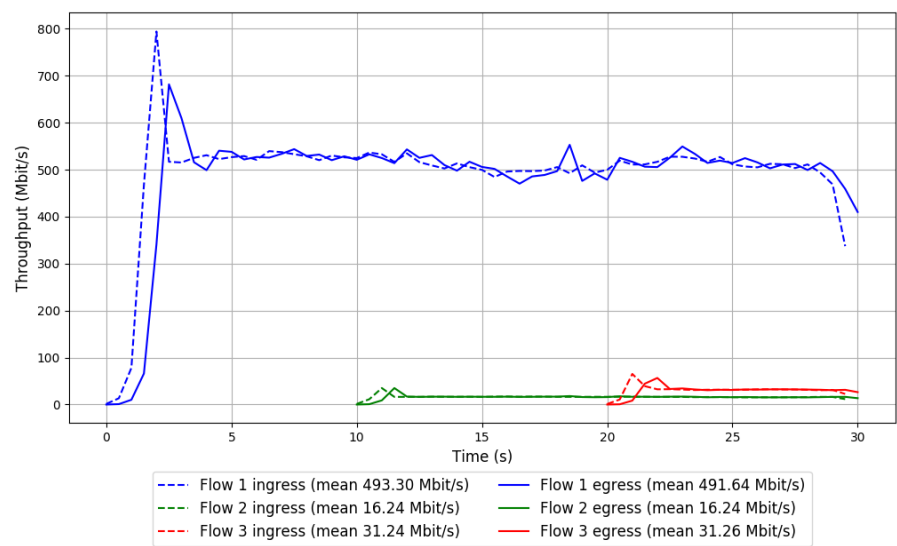


Run 3: Statistics of PCC-Allegro

Start at: 2018-08-02 07:49:18
End at: 2018-08-02 07:49:48
Local clock offset: 0.005 ms
Remote clock offset: -0.045 ms

Below is generated by plot.py at 2018-08-02 13:20:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 512.72 Mbit/s
95th percentile per-packet one-way delay: 109.864 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 491.64 Mbit/s
95th percentile per-packet one-way delay: 110.202 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 16.24 Mbit/s
95th percentile per-packet one-way delay: 108.427 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 31.26 Mbit/s
95th percentile per-packet one-way delay: 101.794 ms
Loss rate: 0.00%

Run 3: Report of PCC-Allegro — Data Link

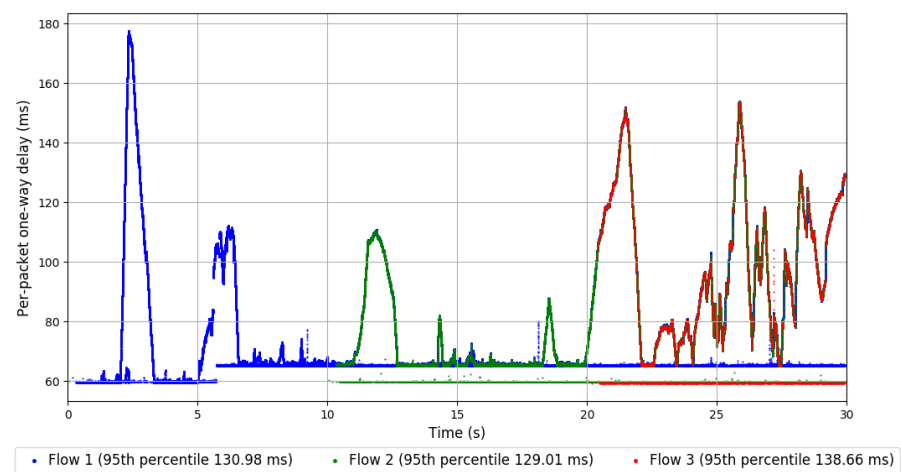
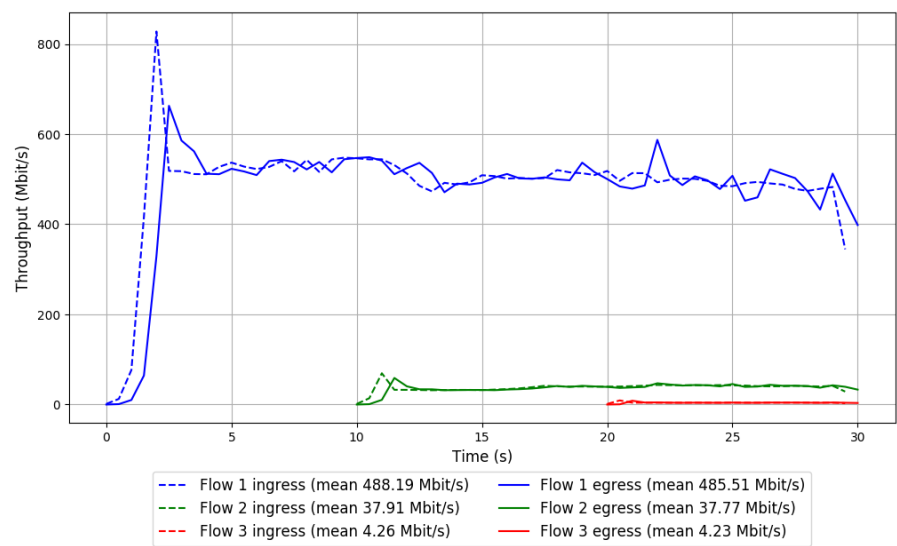


Run 4: Statistics of PCC-Allegro

Start at: 2018-08-02 08:13:54
End at: 2018-08-02 08:14:24
Local clock offset: -0.005 ms
Remote clock offset: -1.547 ms

Below is generated by plot.py at 2018-08-02 13:20:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 511.98 Mbit/s
95th percentile per-packet one-way delay: 130.854 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 485.51 Mbit/s
95th percentile per-packet one-way delay: 130.984 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 37.77 Mbit/s
95th percentile per-packet one-way delay: 129.014 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 4.23 Mbit/s
95th percentile per-packet one-way delay: 138.665 ms
Loss rate: 0.60%

Run 4: Report of PCC-Allegro — Data Link

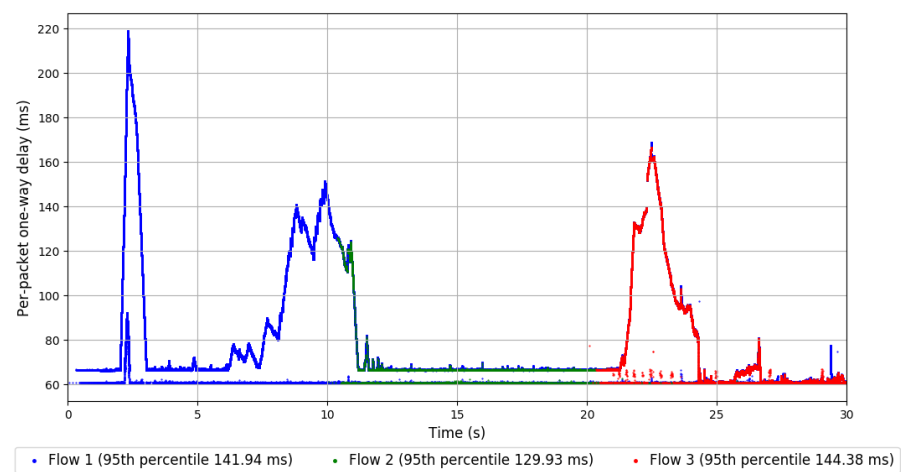
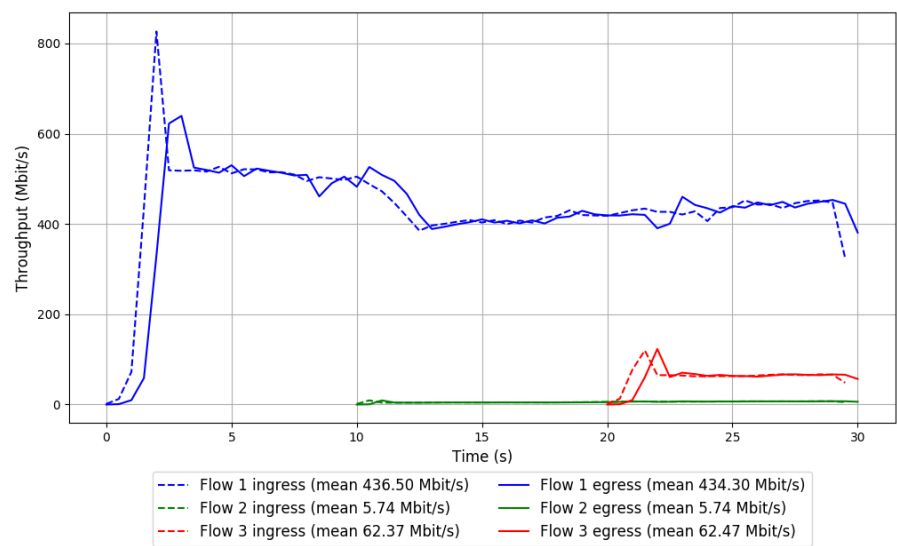


Run 5: Statistics of PCC-Allegro

Start at: 2018-08-02 08:38:37
End at: 2018-08-02 08:39:07
Local clock offset: -0.021 ms
Remote clock offset: -0.388 ms

Below is generated by plot.py at 2018-08-02 13:25:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 458.67 Mbit/s
95th percentile per-packet one-way delay: 141.912 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 434.30 Mbit/s
95th percentile per-packet one-way delay: 141.935 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 5.74 Mbit/s
95th percentile per-packet one-way delay: 129.931 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 62.47 Mbit/s
95th percentile per-packet one-way delay: 144.385 ms
Loss rate: 0.00%

Run 5: Report of PCC-Allegro — Data Link

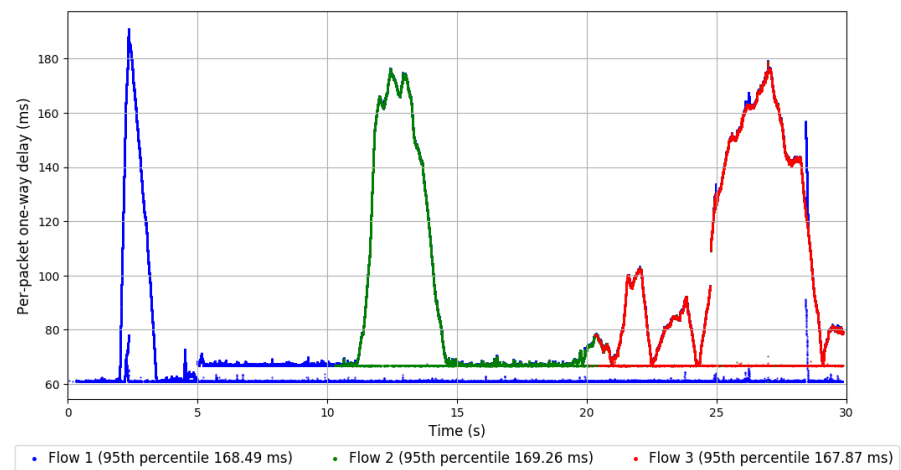
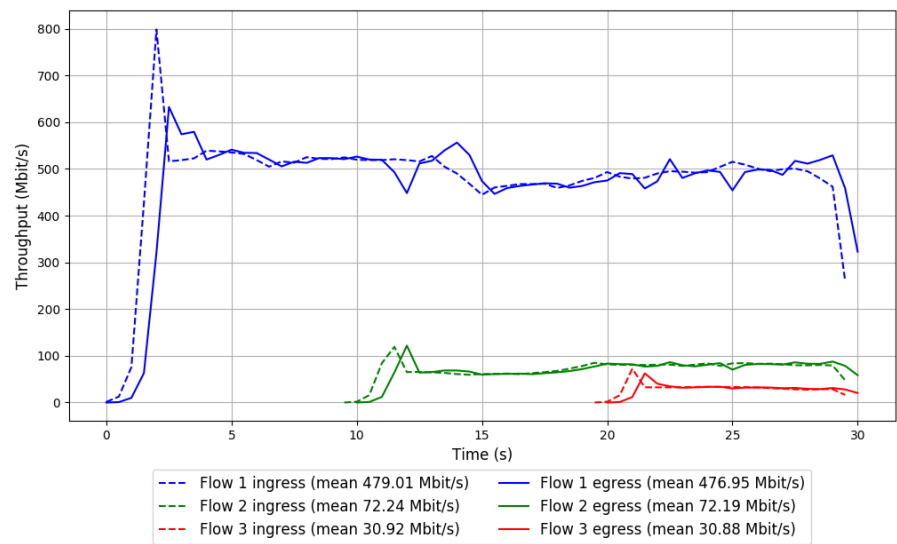


Run 6: Statistics of PCC-Allegro

Start at: 2018-08-02 09:03:35
End at: 2018-08-02 09:04:05
Local clock offset: -0.041 ms
Remote clock offset: -0.043 ms

Below is generated by plot.py at 2018-08-02 13:27:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 535.22 Mbit/s
95th percentile per-packet one-way delay: 168.517 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 476.95 Mbit/s
95th percentile per-packet one-way delay: 168.487 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 72.19 Mbit/s
95th percentile per-packet one-way delay: 169.263 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 30.88 Mbit/s
95th percentile per-packet one-way delay: 167.873 ms
Loss rate: 0.12%

Run 6: Report of PCC-Allegro — Data Link



Run 7: Statistics of PCC-Allegro

Start at: 2018-08-02 09:28:35

End at: 2018-08-02 09:29:05

Local clock offset: -0.054 ms

Remote clock offset: 1.122 ms

Below is generated by plot.py at 2018-08-02 13:27:16

Datalink statistics

-- Total of 3 flows:

Average throughput: 513.42 Mbit/s

95th percentile per-packet one-way delay: 165.678 ms

Loss rate: 0.59%

-- Flow 1:

Average throughput: 490.05 Mbit/s

95th percentile per-packet one-way delay: 165.636 ms

Loss rate: 0.61%

-- Flow 2:

Average throughput: 33.07 Mbit/s

95th percentile per-packet one-way delay: 164.902 ms

Loss rate: 0.15%

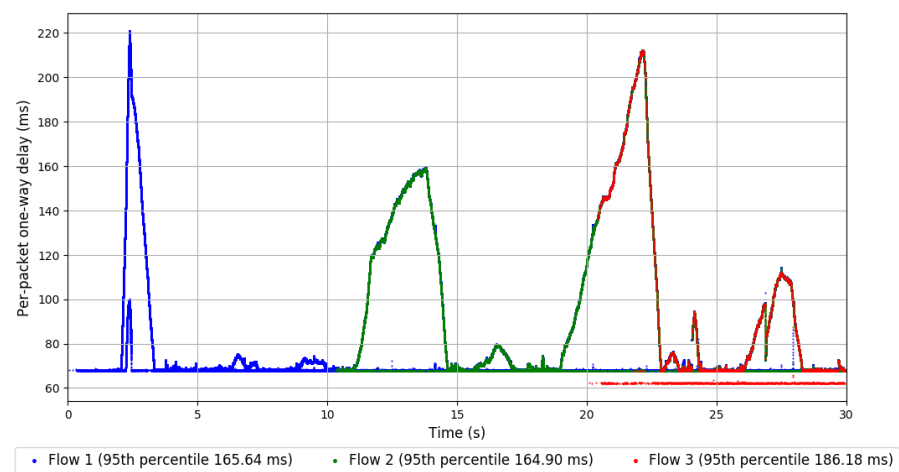
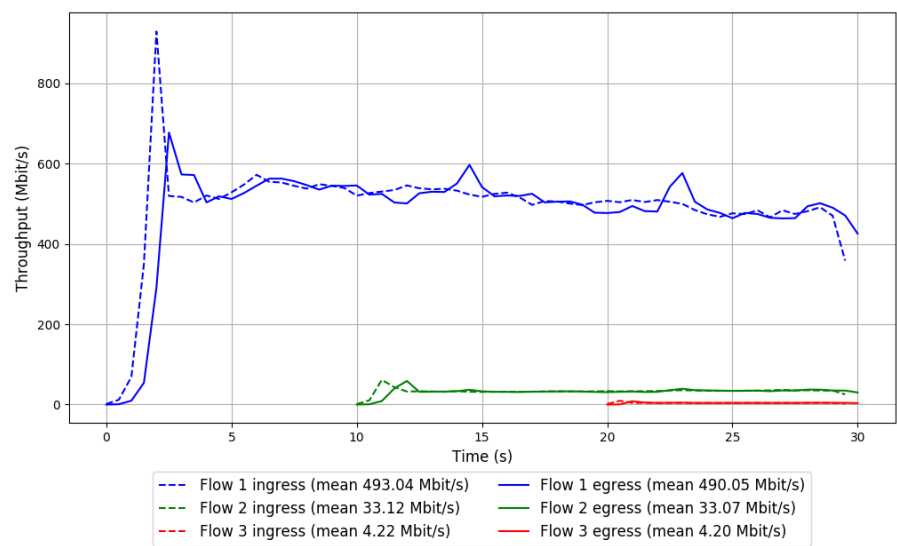
-- Flow 3:

Average throughput: 4.20 Mbit/s

95th percentile per-packet one-way delay: 186.175 ms

Loss rate: 0.32%

Run 7: Report of PCC-Allegro — Data Link



Run 8: Statistics of PCC-Allegro

Start at: 2018-08-02 09:53:30

End at: 2018-08-02 09:54:00

Local clock offset: -0.111 ms

Remote clock offset: 0.027 ms

Below is generated by plot.py at 2018-08-02 13:27:50

Datalink statistics

-- Total of 3 flows:

Average throughput: 547.82 Mbit/s

95th percentile per-packet one-way delay: 170.680 ms

Loss rate: 0.87%

-- Flow 1:

Average throughput: 449.14 Mbit/s

95th percentile per-packet one-way delay: 170.750 ms

Loss rate: 0.91%

-- Flow 2:

Average throughput: 117.85 Mbit/s

95th percentile per-packet one-way delay: 170.662 ms

Loss rate: 0.84%

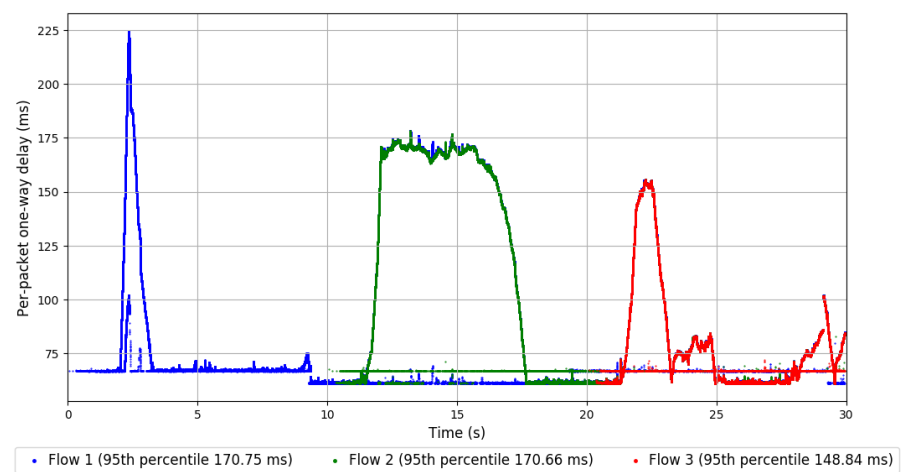
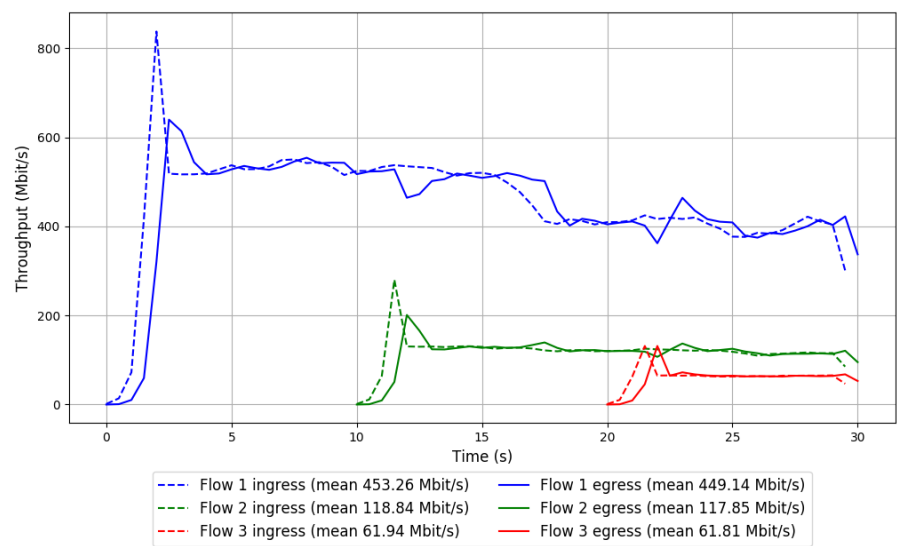
-- Flow 3:

Average throughput: 61.81 Mbit/s

95th percentile per-packet one-way delay: 148.845 ms

Loss rate: 0.20%

Run 8: Report of PCC-Allegro — Data Link

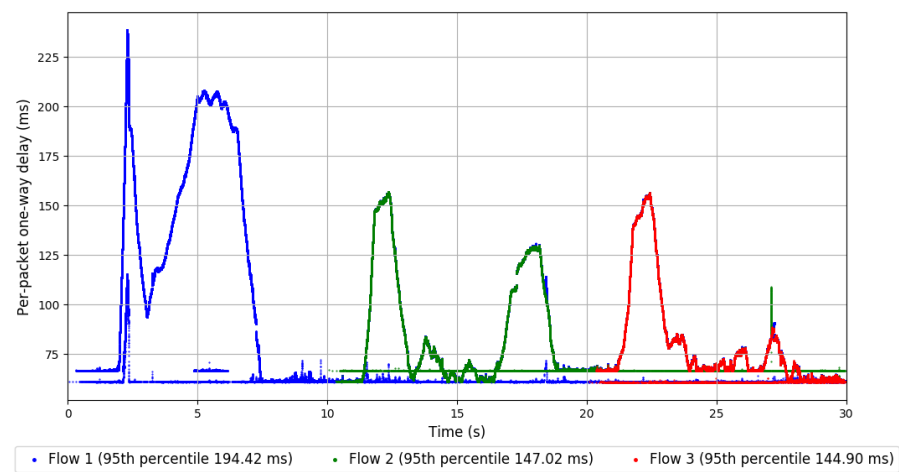
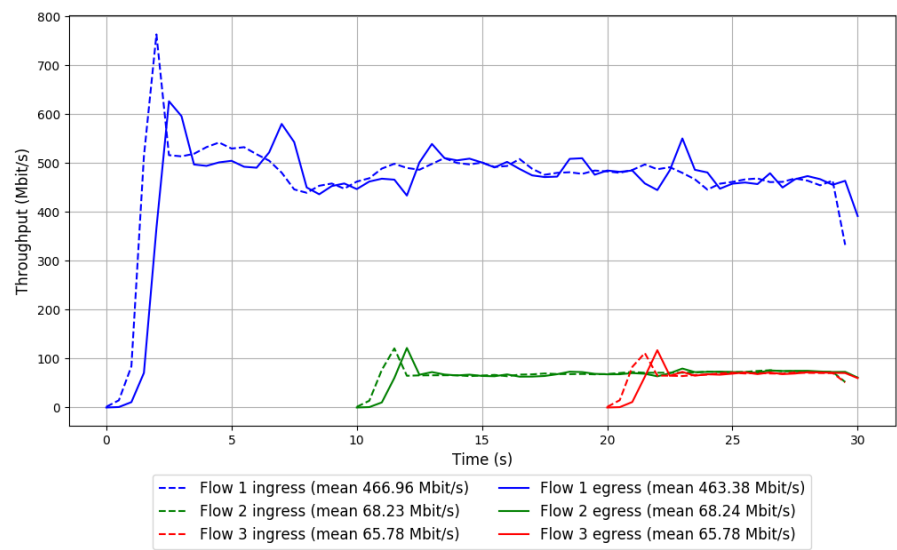


Run 9: Statistics of PCC-Allegro

Start at: 2018-08-02 10:18:22
End at: 2018-08-02 10:18:52
Local clock offset: -0.168 ms
Remote clock offset: -0.258 ms

Below is generated by plot.py at 2018-08-02 13:28:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 530.35 Mbit/s
95th percentile per-packet one-way delay: 189.451 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 463.38 Mbit/s
95th percentile per-packet one-way delay: 194.416 ms
Loss rate: 0.77%
-- Flow 2:
Average throughput: 68.24 Mbit/s
95th percentile per-packet one-way delay: 147.020 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 65.78 Mbit/s
95th percentile per-packet one-way delay: 144.899 ms
Loss rate: 0.01%

Run 9: Report of PCC-Allegro — Data Link

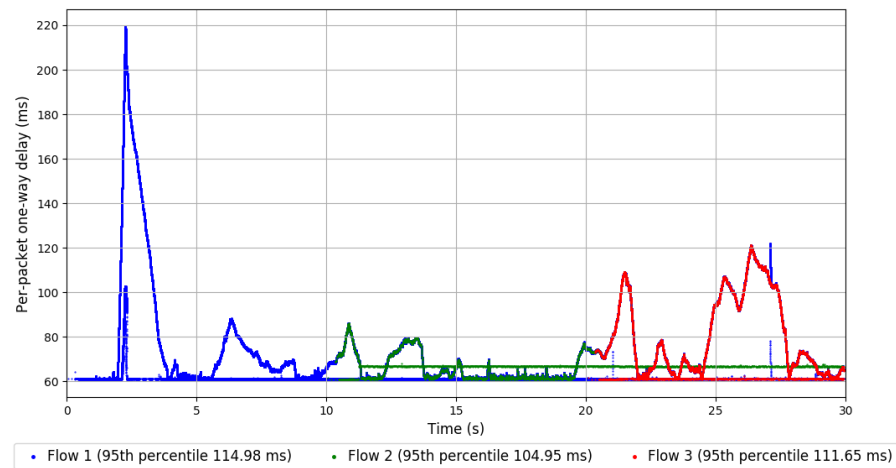
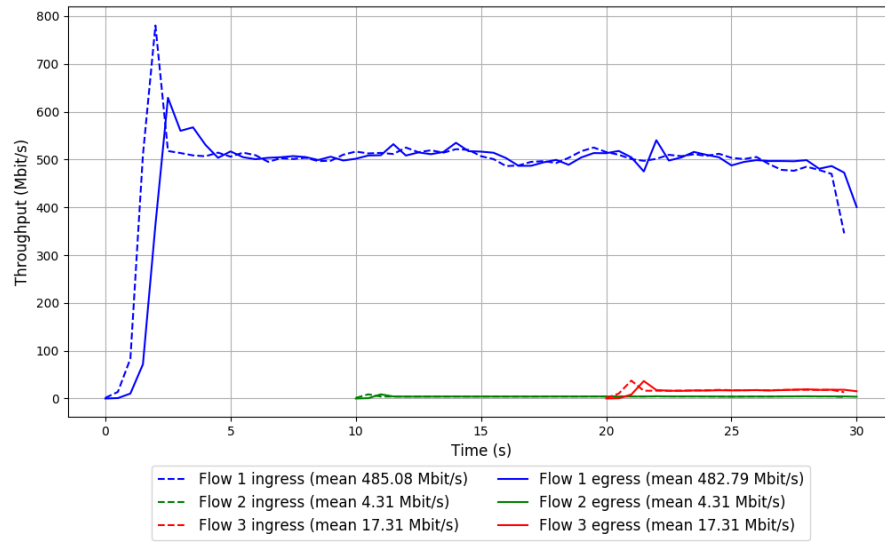


Run 10: Statistics of PCC-Allegro

Start at: 2018-08-02 10:43:08
End at: 2018-08-02 10:43:39
Local clock offset: -0.183 ms
Remote clock offset: -0.106 ms

Below is generated by plot.py at 2018-08-02 13:28:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 491.32 Mbit/s
95th percentile per-packet one-way delay: 114.663 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 482.79 Mbit/s
95th percentile per-packet one-way delay: 114.980 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 4.31 Mbit/s
95th percentile per-packet one-way delay: 104.950 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 17.31 Mbit/s
95th percentile per-packet one-way delay: 111.649 ms
Loss rate: 0.03%

Run 10: Report of PCC-Allegro — Data Link

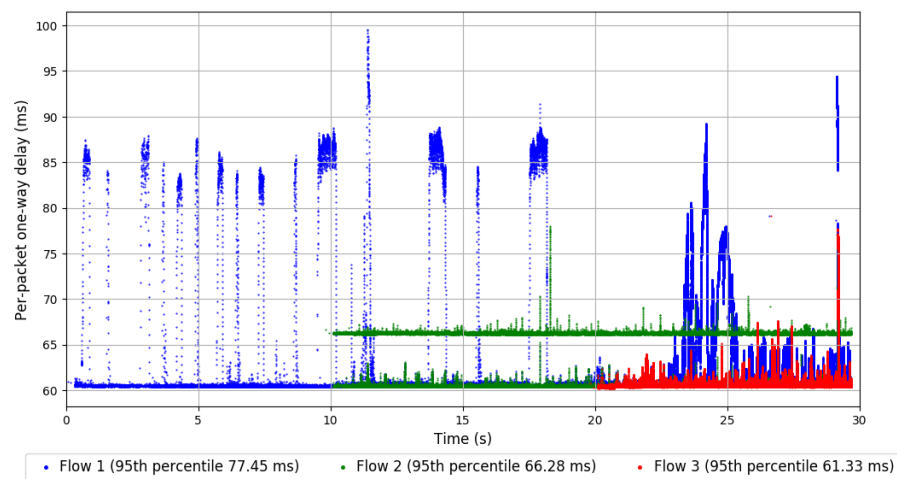
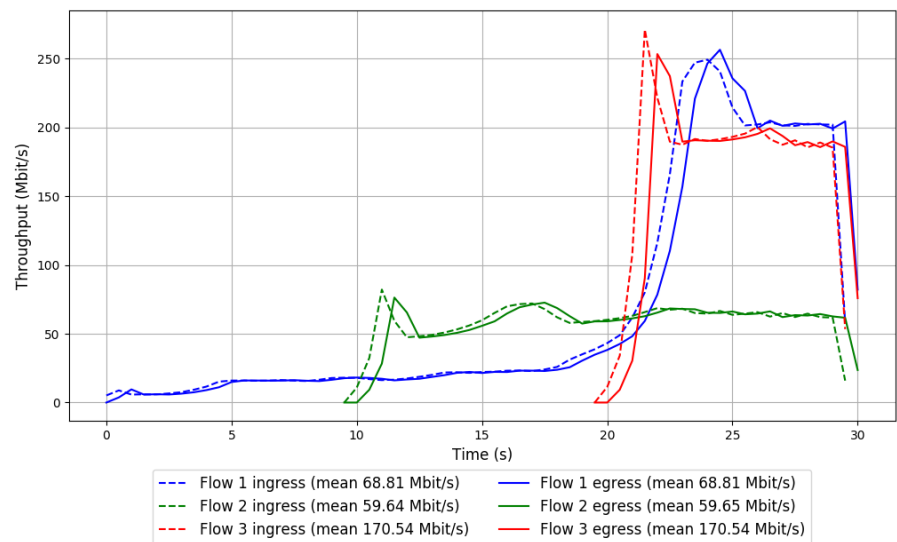


```
Run 1: Statistics of PCC-Expr

Start at: 2018-08-02 07:13:59
End at: 2018-08-02 07:14:29
Local clock offset: -0.042 ms
Remote clock offset: -0.475 ms

# Below is generated by plot.py at 2018-08-02 13:28:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 165.59 Mbit/s
95th percentile per-packet one-way delay: 71.808 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 68.81 Mbit/s
95th percentile per-packet one-way delay: 77.454 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 59.65 Mbit/s
95th percentile per-packet one-way delay: 66.275 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 170.54 Mbit/s
95th percentile per-packet one-way delay: 61.327 ms
Loss rate: 0.00%
```


Run 1: Report of PCC-Expr — Data Link

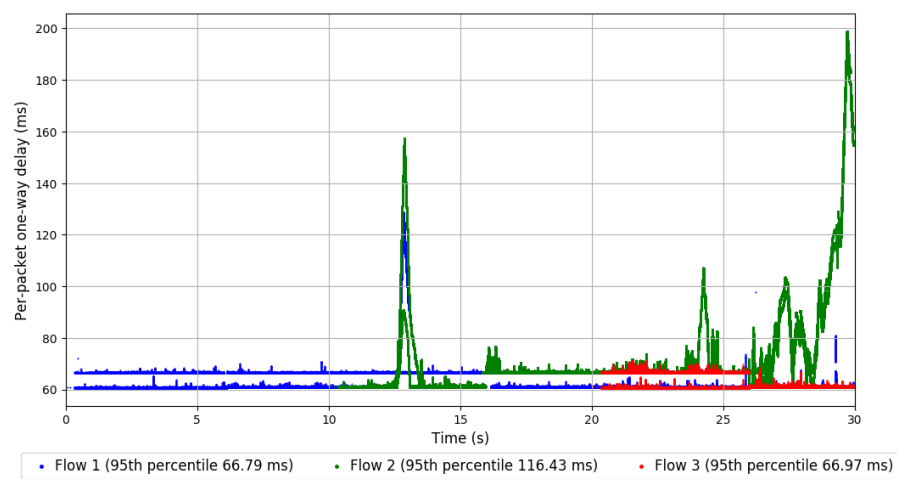
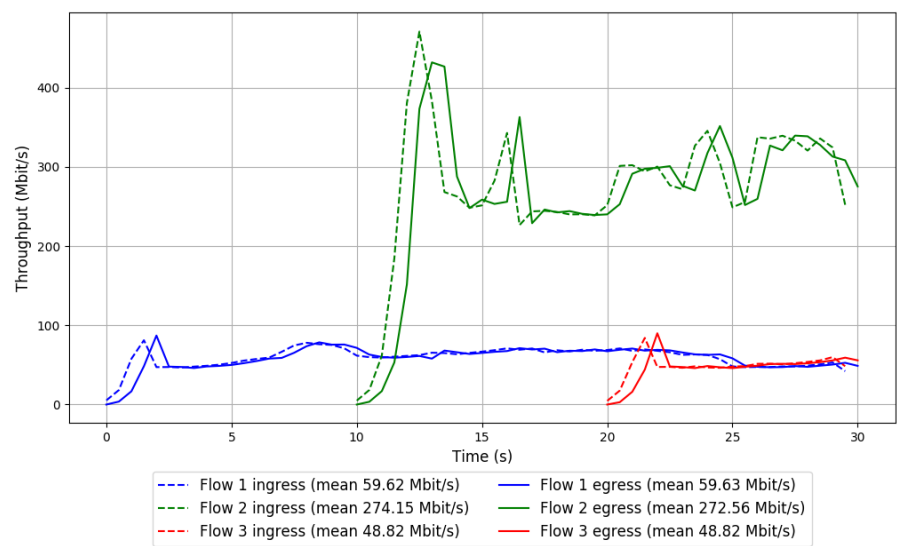


Run 2: Statistics of PCC-Expr

Start at: 2018-08-02 07:39:04
End at: 2018-08-02 07:39:34
Local clock offset: -0.054 ms
Remote clock offset: -0.216 ms

Below is generated by plot.py at 2018-08-02 13:30:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 257.00 Mbit/s
95th percentile per-packet one-way delay: 102.644 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 59.63 Mbit/s
95th percentile per-packet one-way delay: 66.786 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 272.56 Mbit/s
95th percentile per-packet one-way delay: 116.430 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 48.82 Mbit/s
95th percentile per-packet one-way delay: 66.971 ms
Loss rate: 0.00%

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

Start at: 2018-08-02 08:03:58

End at: 2018-08-02 08:04:28

Local clock offset: -0.015 ms

Remote clock offset: 1.232 ms

Below is generated by plot.py at 2018-08-02 13:35:54

Datalink statistics

-- Total of 3 flows:

Average throughput: 293.47 Mbit/s

95th percentile per-packet one-way delay: 71.490 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 152.22 Mbit/s

95th percentile per-packet one-way delay: 69.730 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 198.79 Mbit/s

95th percentile per-packet one-way delay: 72.602 ms

Loss rate: 0.00%

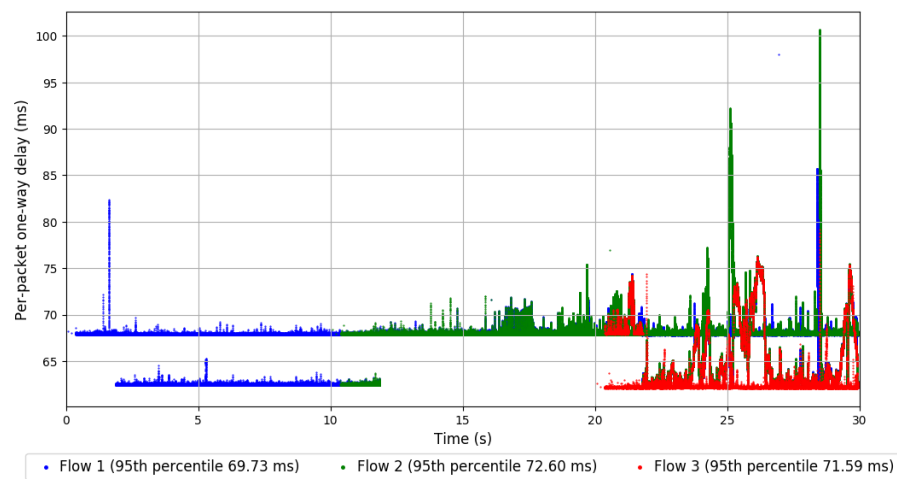
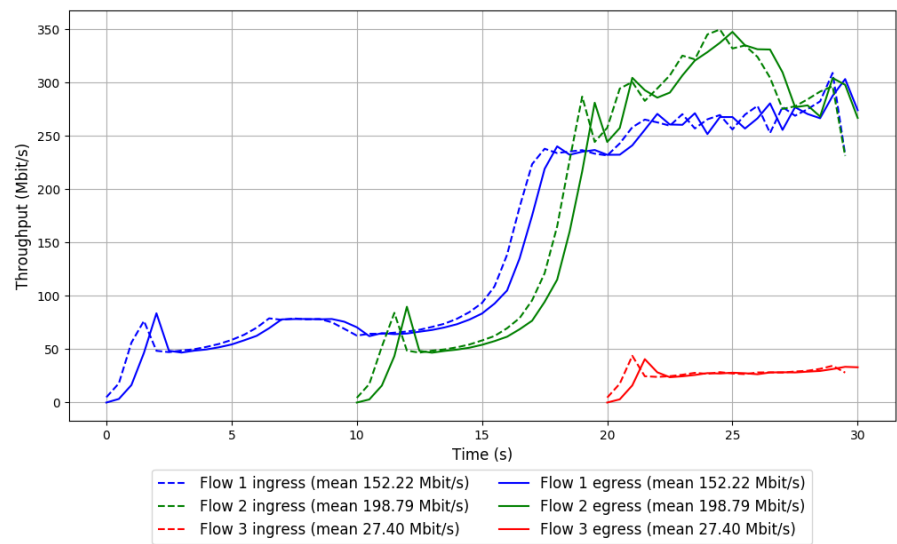
-- Flow 3:

Average throughput: 27.40 Mbit/s

95th percentile per-packet one-way delay: 71.595 ms

Loss rate: 0.00%

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

Start at: 2018-08-02 08:28:24

End at: 2018-08-02 08:28:54

Local clock offset: -0.009 ms

Remote clock offset: 1.174 ms

Below is generated by plot.py at 2018-08-02 13:40:22

Datalink statistics

-- Total of 3 flows:

Average throughput: 358.13 Mbit/s

95th percentile per-packet one-way delay: 165.545 ms

Loss rate: 1.97%

-- Flow 1:

Average throughput: 265.51 Mbit/s

95th percentile per-packet one-way delay: 169.548 ms

Loss rate: 2.17%

-- Flow 2:

Average throughput: 57.13 Mbit/s

95th percentile per-packet one-way delay: 123.585 ms

Loss rate: 0.64%

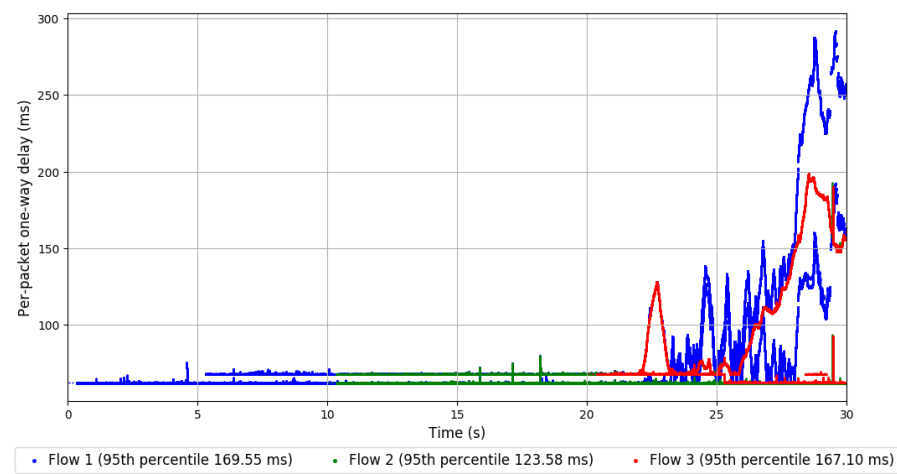
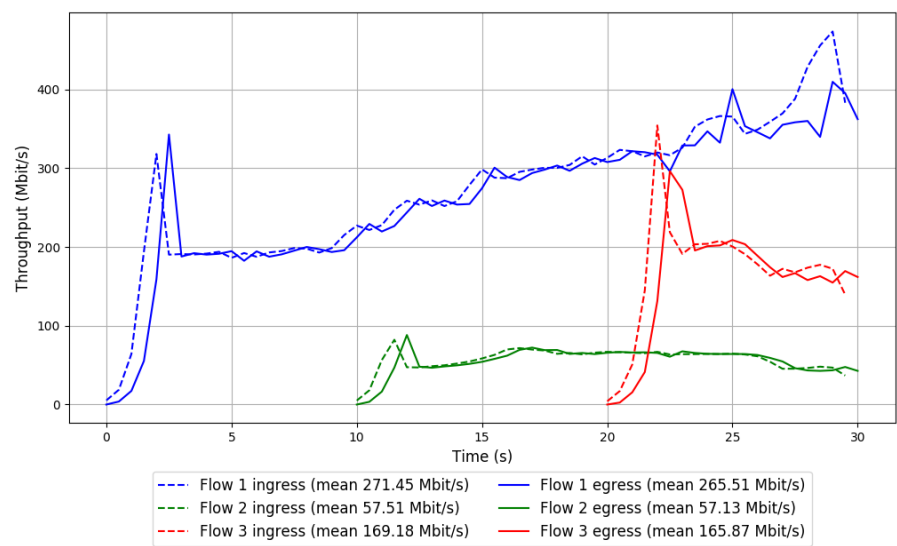
-- Flow 3:

Average throughput: 165.87 Mbit/s

95th percentile per-packet one-way delay: 167.097 ms

Loss rate: 1.90%

Run 4: Report of PCC-Expr — Data Link

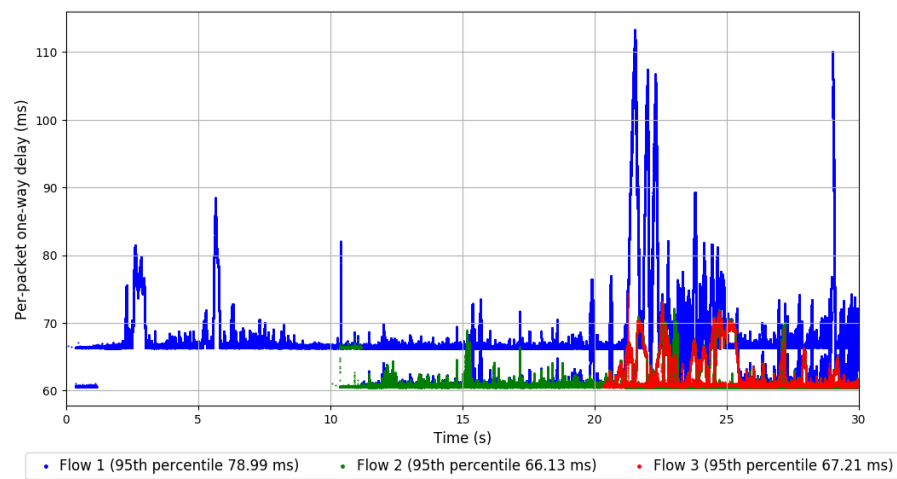
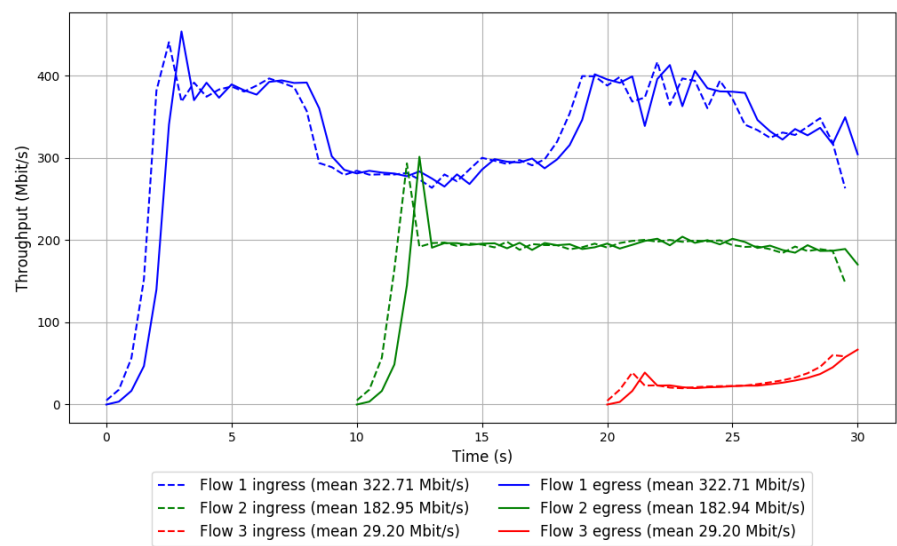


Run 5: Statistics of PCC-Expr

Start at: 2018-08-02 08:53:19
End at: 2018-08-02 08:53:49
Local clock offset: -0.013 ms
Remote clock offset: -0.382 ms

Below is generated by plot.py at 2018-08-02 13:44:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 454.02 Mbit/s
95th percentile per-packet one-way delay: 76.004 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 322.71 Mbit/s
95th percentile per-packet one-way delay: 78.993 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 182.94 Mbit/s
95th percentile per-packet one-way delay: 66.133 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.20 Mbit/s
95th percentile per-packet one-way delay: 67.210 ms
Loss rate: 0.00%

Run 5: Report of PCC-Expr — Data Link

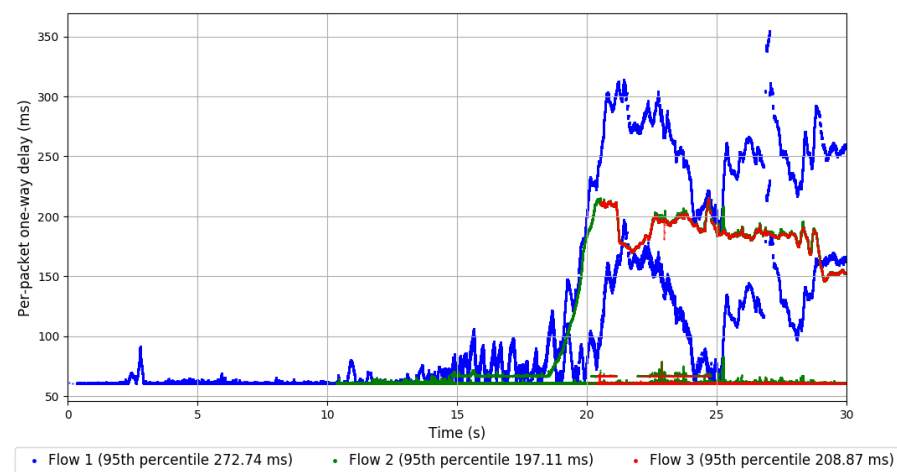
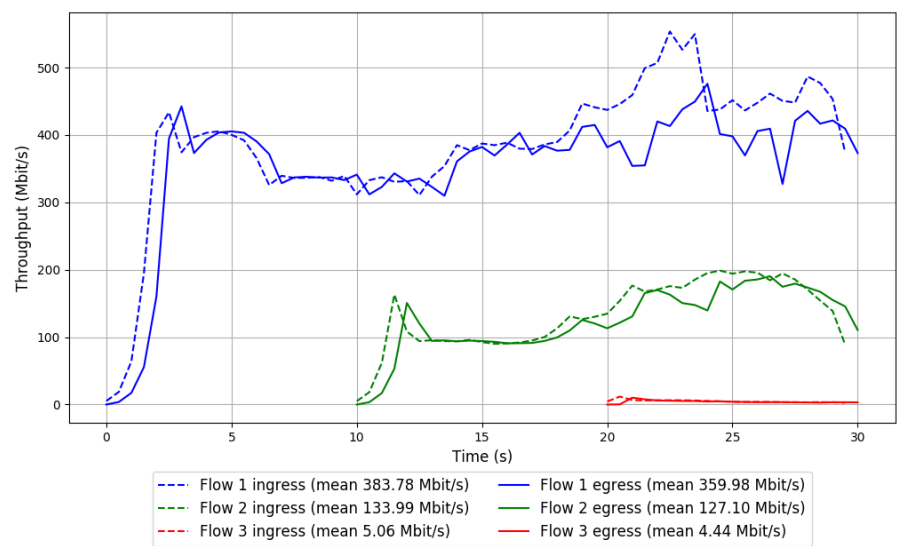


Run 6: Statistics of PCC-Expr

Start at: 2018-08-02 09:18:15
End at: 2018-08-02 09:18:45
Local clock offset: -0.076 ms
Remote clock offset: -0.221 ms

Below is generated by plot.py at 2018-08-02 13:45:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 445.97 Mbit/s
95th percentile per-packet one-way delay: 264.531 ms
Loss rate: 6.01%
-- Flow 1:
Average throughput: 359.98 Mbit/s
95th percentile per-packet one-way delay: 272.739 ms
Loss rate: 6.18%
-- Flow 2:
Average throughput: 127.10 Mbit/s
95th percentile per-packet one-way delay: 197.113 ms
Loss rate: 5.13%
-- Flow 3:
Average throughput: 4.44 Mbit/s
95th percentile per-packet one-way delay: 208.867 ms
Loss rate: 12.21%

Run 6: Report of PCC-Expr — Data Link

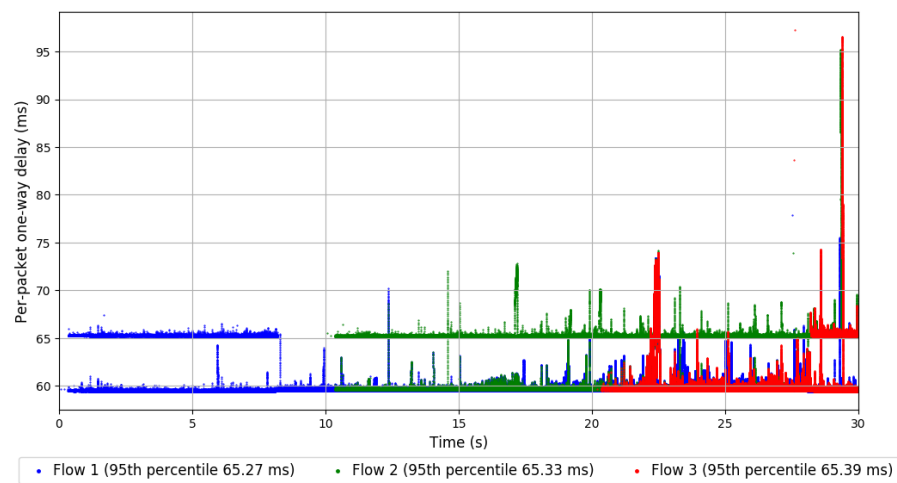
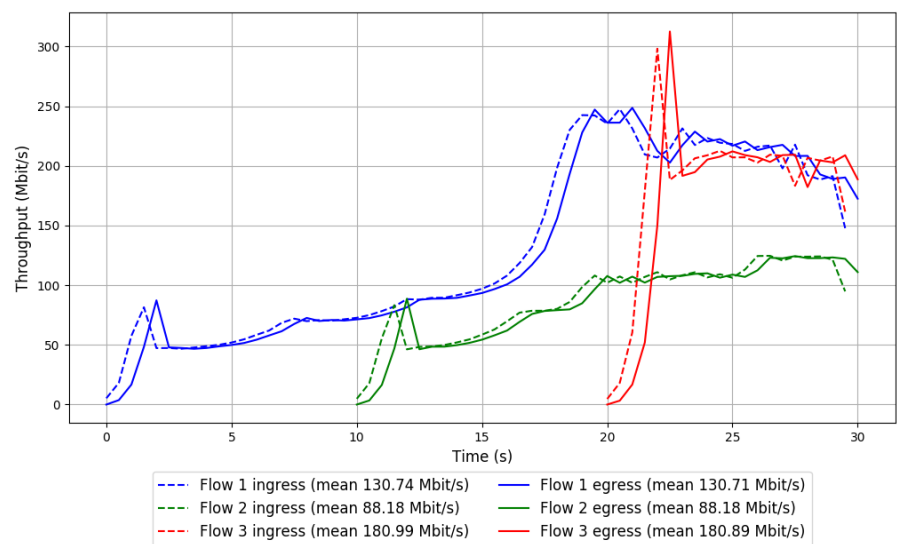


Run 7: Statistics of PCC-Expr

Start at: 2018-08-02 09:43:21
End at: 2018-08-02 09:43:52
Local clock offset: -0.097 ms
Remote clock offset: -1.447 ms

Below is generated by plot.py at 2018-08-02 13:45:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 249.08 Mbit/s
95th percentile per-packet one-way delay: 65.303 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 130.71 Mbit/s
95th percentile per-packet one-way delay: 65.266 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 88.18 Mbit/s
95th percentile per-packet one-way delay: 65.331 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 180.89 Mbit/s
95th percentile per-packet one-way delay: 65.386 ms
Loss rate: 0.00%

Run 7: Report of PCC-Expr — Data Link

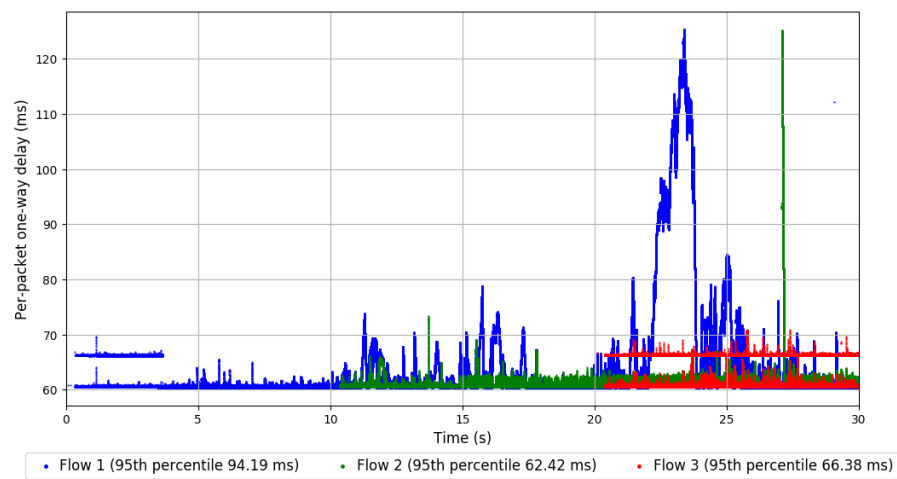
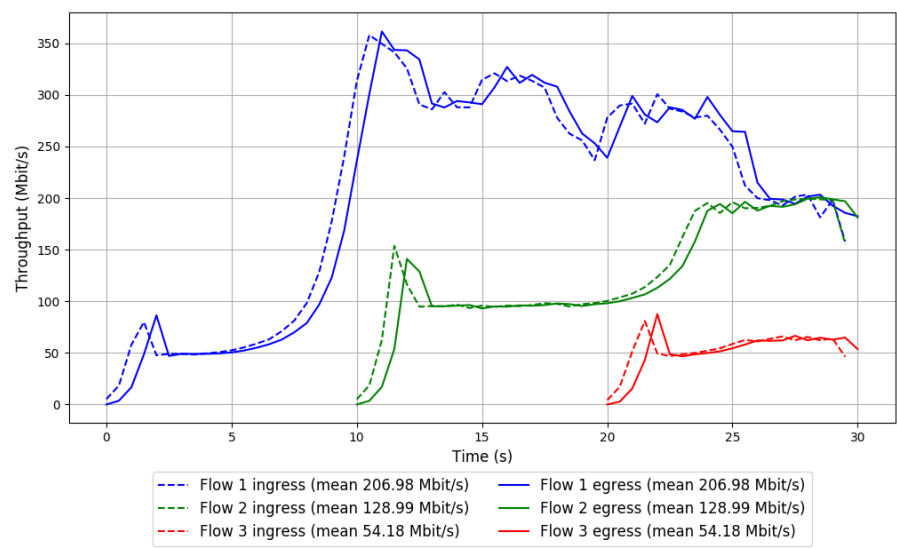


Run 8: Statistics of PCC-Expr

Start at: 2018-08-02 10:08:06
End at: 2018-08-02 10:08:36
Local clock offset: -0.117 ms
Remote clock offset: -0.466 ms

Below is generated by plot.py at 2018-08-02 13:45:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 310.60 Mbit/s
95th percentile per-packet one-way delay: 80.582 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 206.98 Mbit/s
95th percentile per-packet one-way delay: 94.185 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 128.99 Mbit/s
95th percentile per-packet one-way delay: 62.422 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 54.18 Mbit/s
95th percentile per-packet one-way delay: 66.379 ms
Loss rate: 0.00%

Run 8: Report of PCC-Expr — Data Link

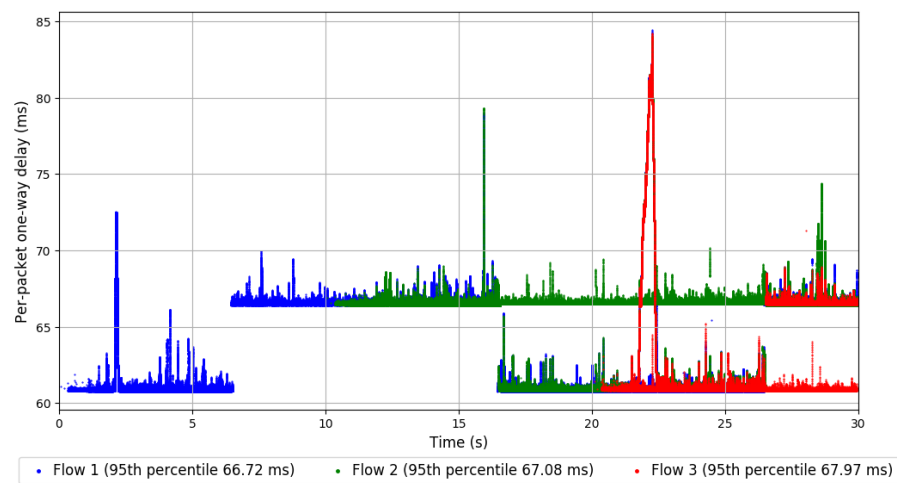
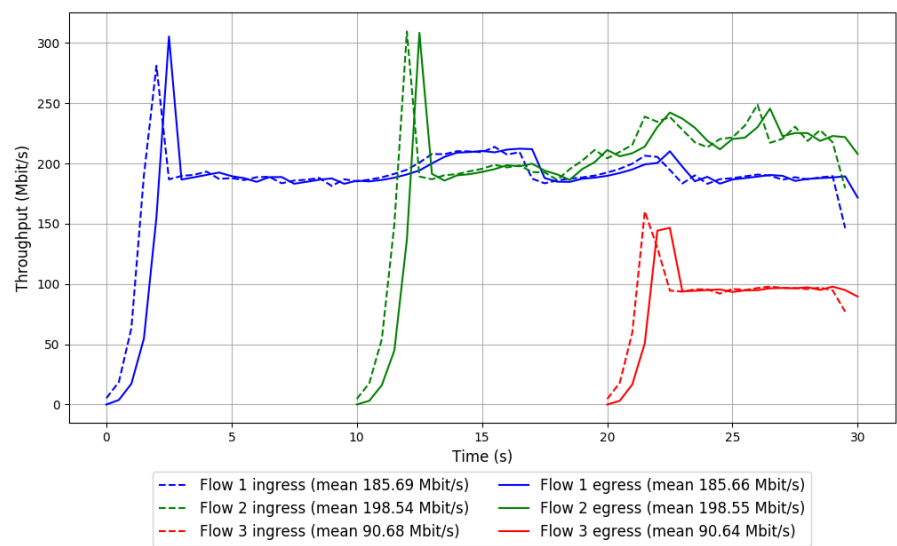


Run 9: Statistics of PCC-Expr

Start at: 2018-08-02 10:33:03
End at: 2018-08-02 10:33:33
Local clock offset: -0.211 ms
Remote clock offset: -0.256 ms

Below is generated by plot.py at 2018-08-02 13:45:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 347.57 Mbit/s
95th percentile per-packet one-way delay: 66.856 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 185.66 Mbit/s
95th percentile per-packet one-way delay: 66.725 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 198.55 Mbit/s
95th percentile per-packet one-way delay: 67.077 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 90.64 Mbit/s
95th percentile per-packet one-way delay: 67.965 ms
Loss rate: 0.00%

Run 9: Report of PCC-Expr — Data Link

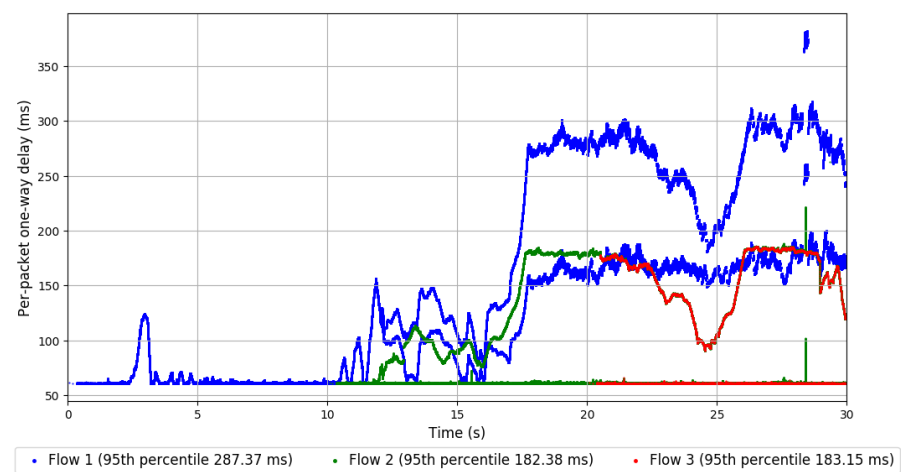
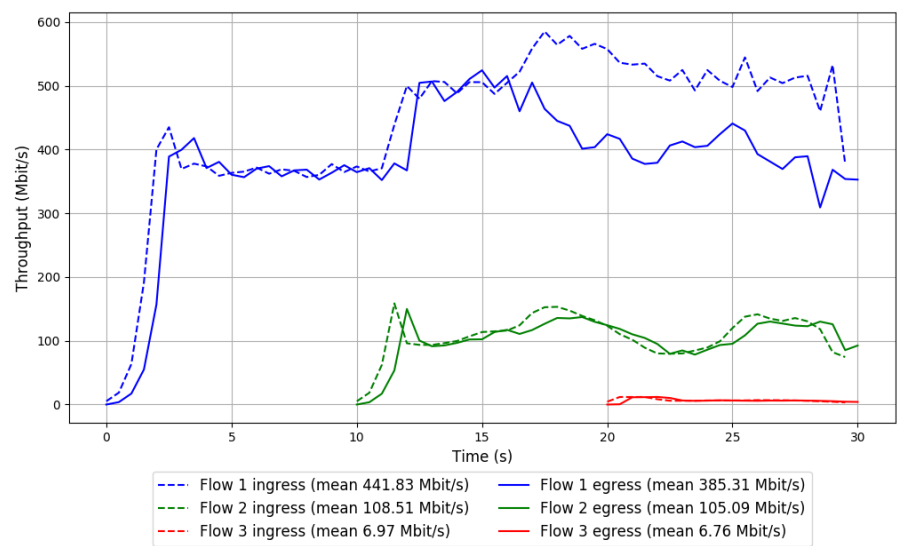


Run 10: Statistics of PCC-Expr

Start at: 2018-08-02 10:57:47
End at: 2018-08-02 10:58:17
Local clock offset: -0.061 ms
Remote clock offset: -0.082 ms

Below is generated by plot.py at 2018-08-02 13:50:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 457.39 Mbit/s
95th percentile per-packet one-way delay: 284.838 ms
Loss rate: 11.40%
-- Flow 1:
Average throughput: 385.31 Mbit/s
95th percentile per-packet one-way delay: 287.374 ms
Loss rate: 12.79%
-- Flow 2:
Average throughput: 105.09 Mbit/s
95th percentile per-packet one-way delay: 182.376 ms
Loss rate: 3.15%
-- Flow 3:
Average throughput: 6.76 Mbit/s
95th percentile per-packet one-way delay: 183.152 ms
Loss rate: 2.91%

Run 10: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-08-02 07:04:45

End at: 2018-08-02 07:05:15

Local clock offset: -0.031 ms

Remote clock offset: -0.06 ms

Below is generated by plot.py at 2018-08-02 13:50:06

Datalink statistics

-- Total of 3 flows:

Average throughput: 18.14 Mbit/s

95th percentile per-packet one-way delay: 61.016 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 61.344 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 61.379 ms

Loss rate: 0.00%

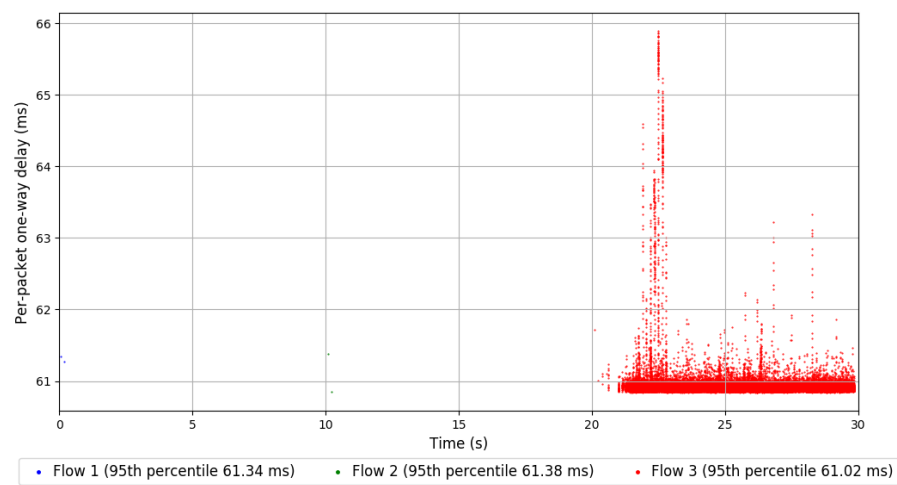
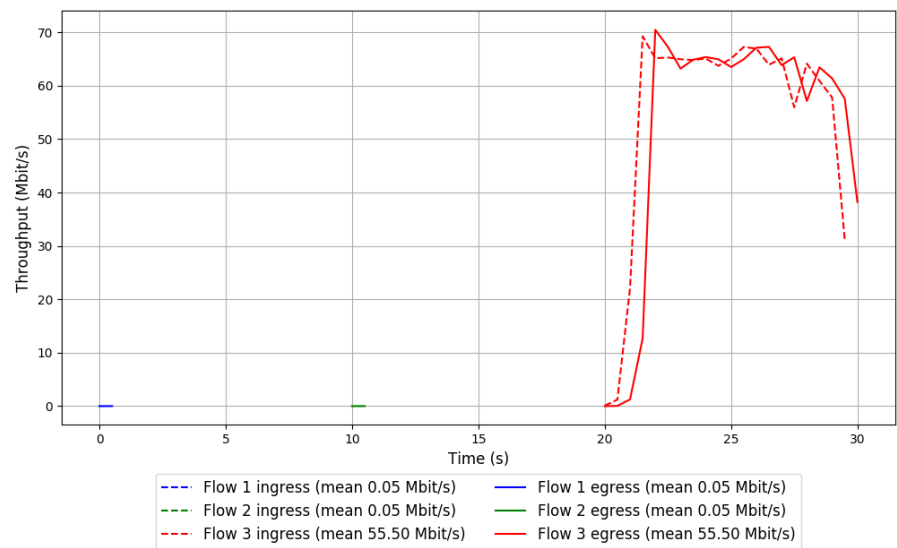
-- Flow 3:

Average throughput: 55.50 Mbit/s

95th percentile per-packet one-way delay: 61.016 ms

Loss rate: 0.00%

Run 1: Report of QUIC Cubic — Data Link

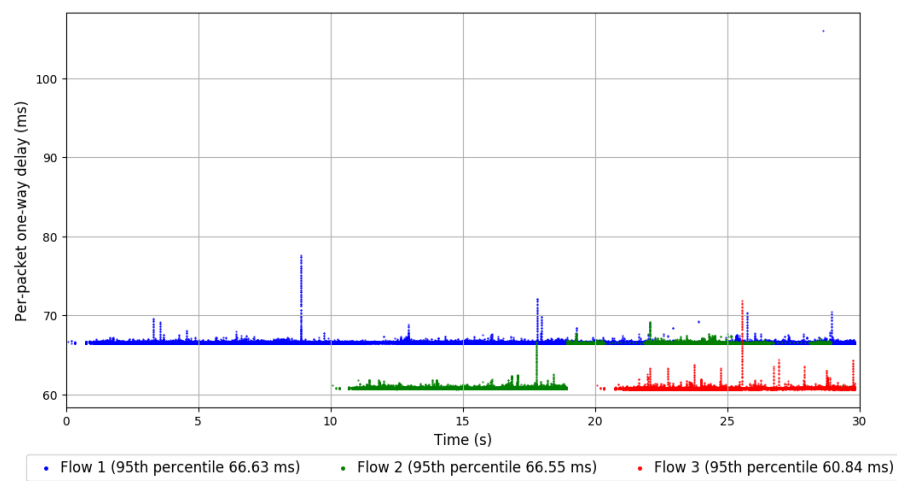
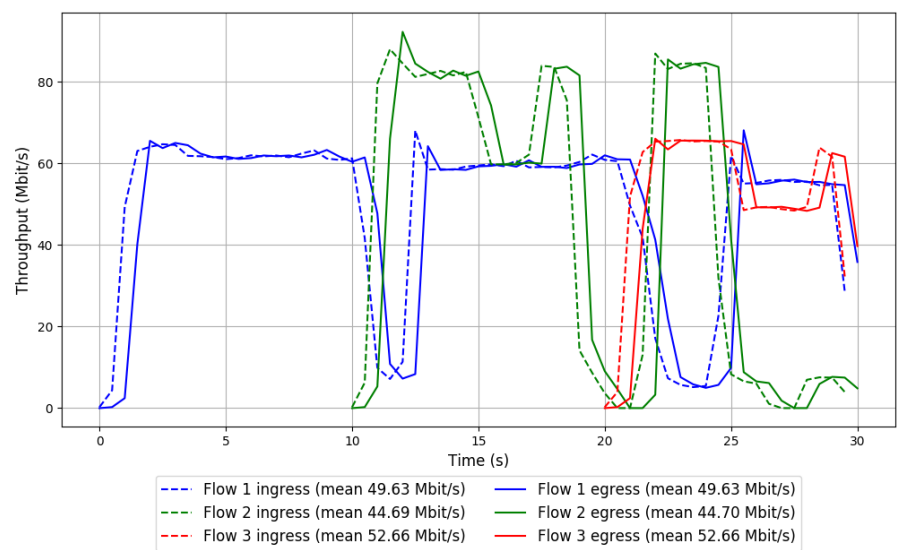


Run 2: Statistics of QUIC Cubic

Start at: 2018-08-02 07:29:21
End at: 2018-08-02 07:29:51
Local clock offset: -0.037 ms
Remote clock offset: -0.166 ms

Below is generated by plot.py at 2018-08-02 13:50:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.55 Mbit/s
95th percentile per-packet one-way delay: 66.601 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 49.63 Mbit/s
95th percentile per-packet one-way delay: 66.628 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 44.70 Mbit/s
95th percentile per-packet one-way delay: 66.547 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 52.66 Mbit/s
95th percentile per-packet one-way delay: 60.836 ms
Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-08-02 07:54:21

End at: 2018-08-02 07:54:51

Local clock offset: -0.022 ms

Remote clock offset: 0.062 ms

Below is generated by plot.py at 2018-08-02 13:50:06

Datalink statistics

-- Total of 3 flows:

Average throughput: 105.48 Mbit/s

95th percentile per-packet one-way delay: 66.713 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 55.74 Mbit/s

95th percentile per-packet one-way delay: 66.738 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 47.52 Mbit/s

95th percentile per-packet one-way delay: 61.266 ms

Loss rate: 0.00%

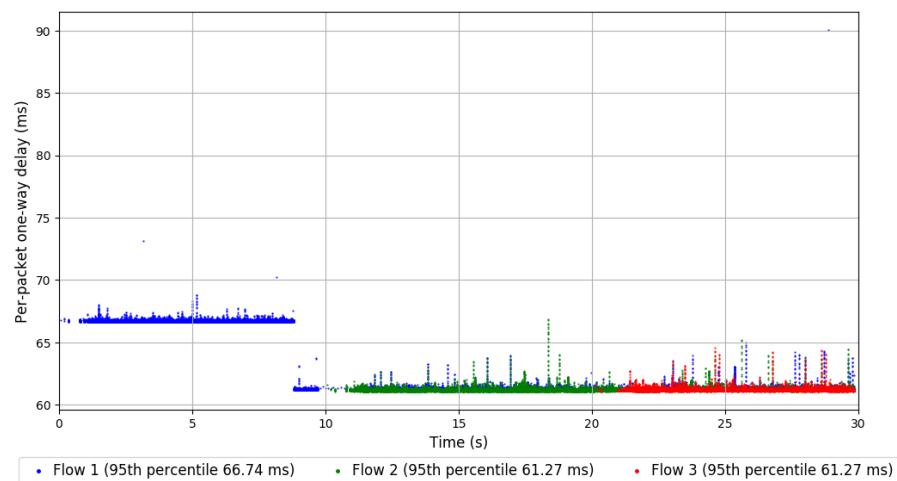
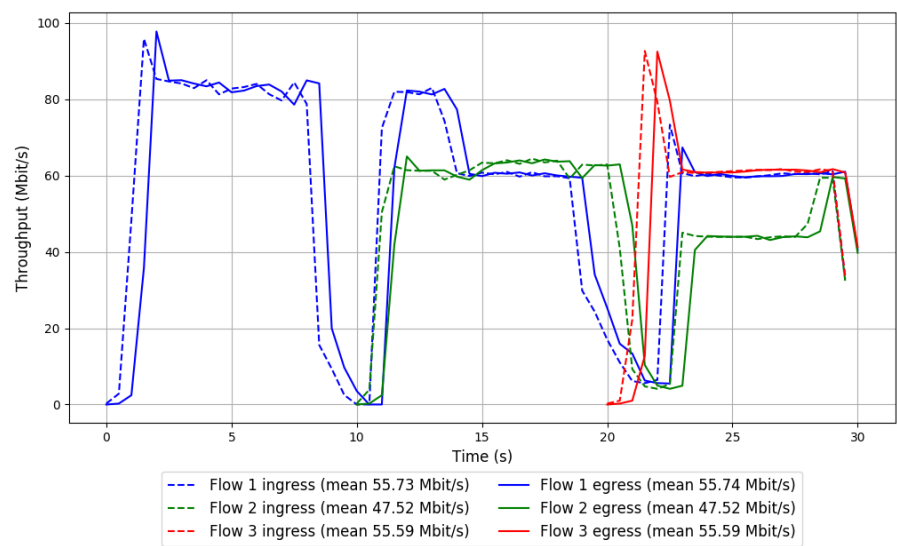
-- Flow 3:

Average throughput: 55.59 Mbit/s

95th percentile per-packet one-way delay: 61.271 ms

Loss rate: 0.00%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-08-02 08:18:48

End at: 2018-08-02 08:19:18

Local clock offset: -0.032 ms

Remote clock offset: -1.43 ms

Below is generated by plot.py at 2018-08-02 13:50:06

Datalink statistics

-- Total of 3 flows:

Average throughput: 110.26 Mbit/s

95th percentile per-packet one-way delay: 59.886 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 51.16 Mbit/s

95th percentile per-packet one-way delay: 59.838 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 61.50 Mbit/s

95th percentile per-packet one-way delay: 59.935 ms

Loss rate: 0.00%

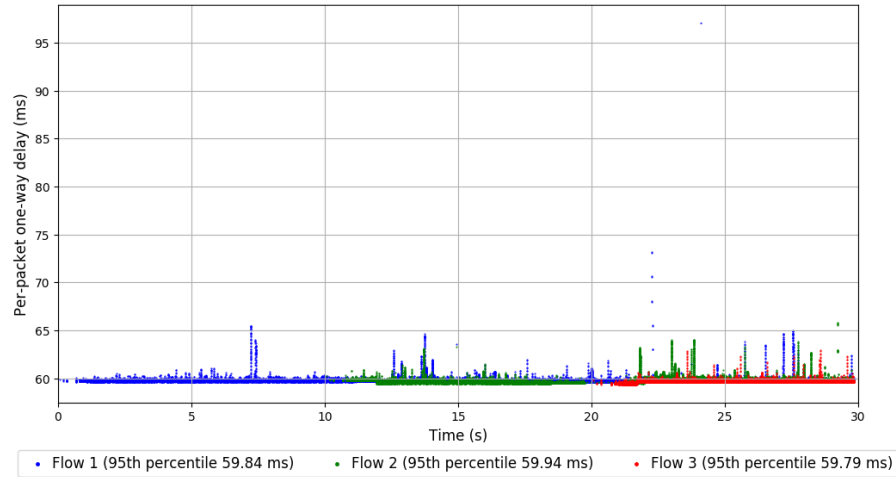
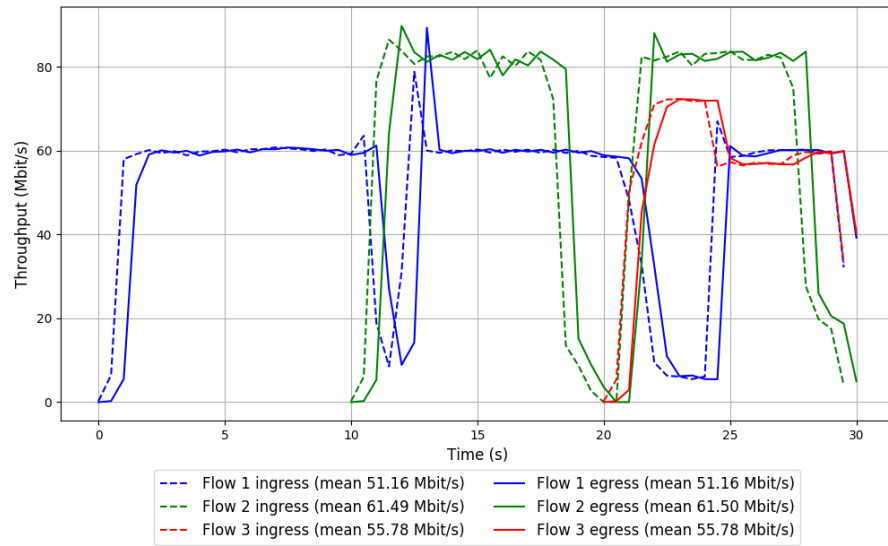
-- Flow 3:

Average throughput: 55.78 Mbit/s

95th percentile per-packet one-way delay: 59.794 ms

Loss rate: 0.00%

Run 4: Report of QUIC Cubic — Data Link

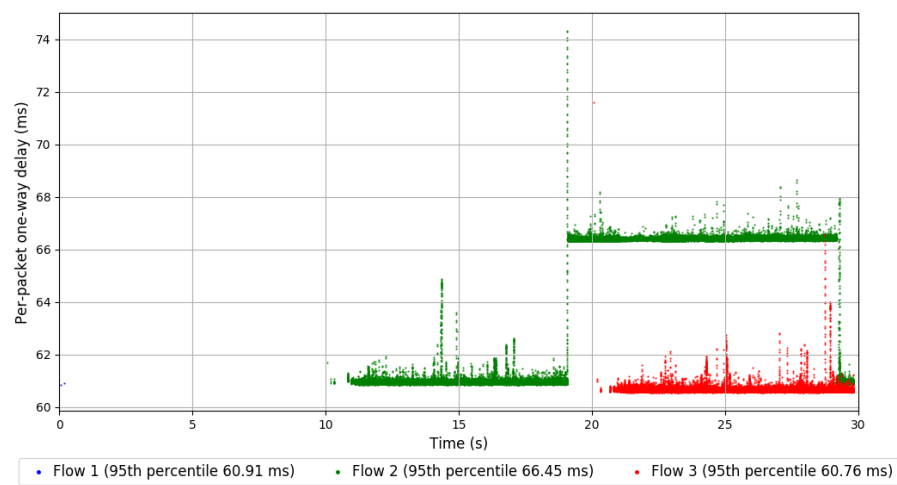
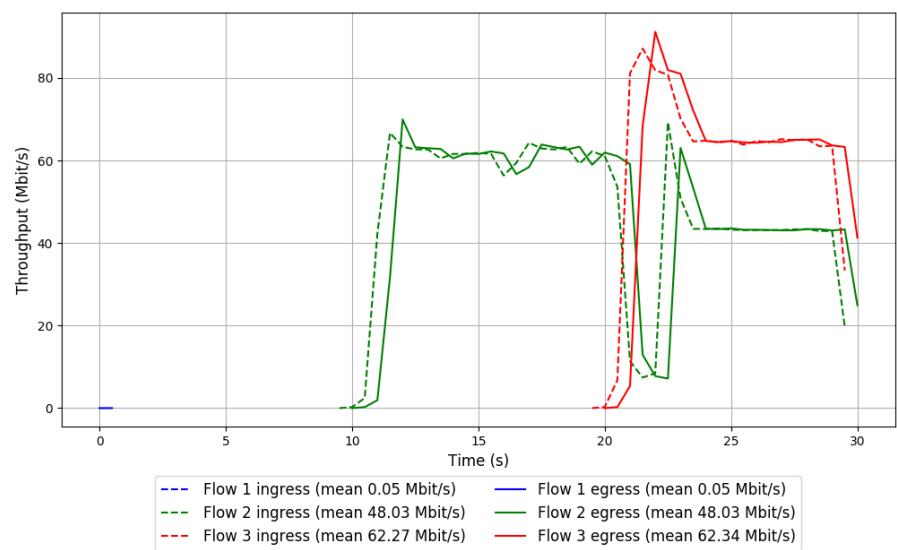


Run 5: Statistics of QUIC Cubic

Start at: 2018-08-02 08:43:41
End at: 2018-08-02 08:44:11
Local clock offset: -0.061 ms
Remote clock offset: -0.363 ms

Below is generated by plot.py at 2018-08-02 13:50:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 52.32 Mbit/s
95th percentile per-packet one-way delay: 66.424 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 60.914 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 48.03 Mbit/s
95th percentile per-packet one-way delay: 66.446 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 62.34 Mbit/s
95th percentile per-packet one-way delay: 60.758 ms
Loss rate: 0.00%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-08-02 09:08:38

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

Local clock offset: -0.059 ms

Remote clock offset: 0.851 ms

Below is generated by plot.py at 2018-08-02 13:50:06

Datalink statistics

-- Total of 3 flows:

Average throughput: 118.53 Mbit/s

95th percentile per-packet one-way delay: 61.951 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 53.39 Mbit/s

95th percentile per-packet one-way delay: 61.949 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 71.95 Mbit/s

95th percentile per-packet one-way delay: 61.952 ms

Loss rate: 0.00%

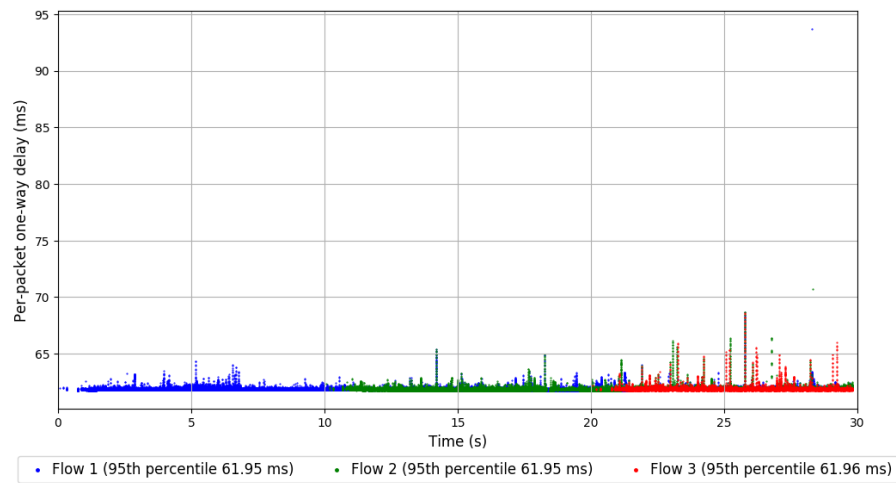
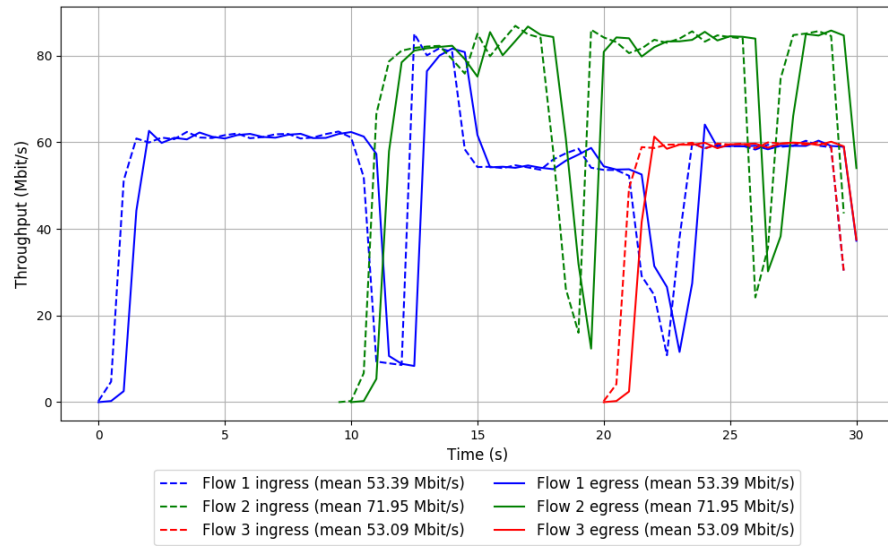
-- Flow 3:

Average throughput: 53.09 Mbit/s

95th percentile per-packet one-way delay: 61.958 ms

Loss rate: 0.00%

Run 6: Report of QUIC Cubic — Data Link

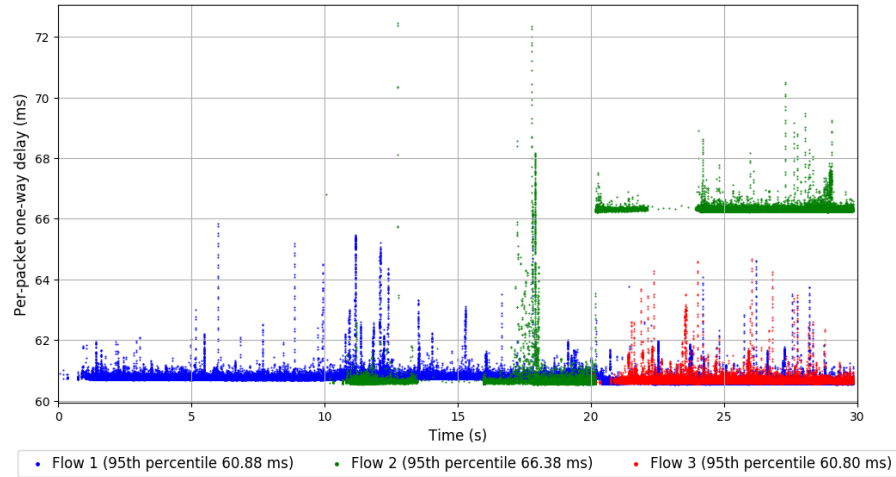
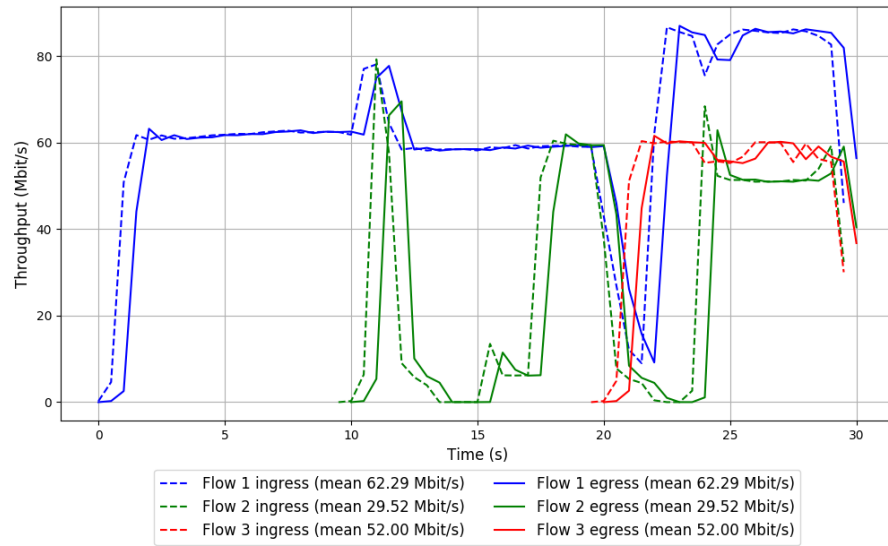


Run 7: Statistics of QUIC Cubic

Start at: 2018-08-02 09:33:39
End at: 2018-08-02 09:34:09
Local clock offset: -0.078 ms
Remote clock offset: -0.314 ms

Below is generated by plot.py at 2018-08-02 13:50:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 98.96 Mbit/s
95th percentile per-packet one-way delay: 66.305 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 62.29 Mbit/s
95th percentile per-packet one-way delay: 60.878 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 29.52 Mbit/s
95th percentile per-packet one-way delay: 66.378 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 52.00 Mbit/s
95th percentile per-packet one-way delay: 60.797 ms
Loss rate: 0.00%

Run 7: Report of QUIC Cubic — Data Link

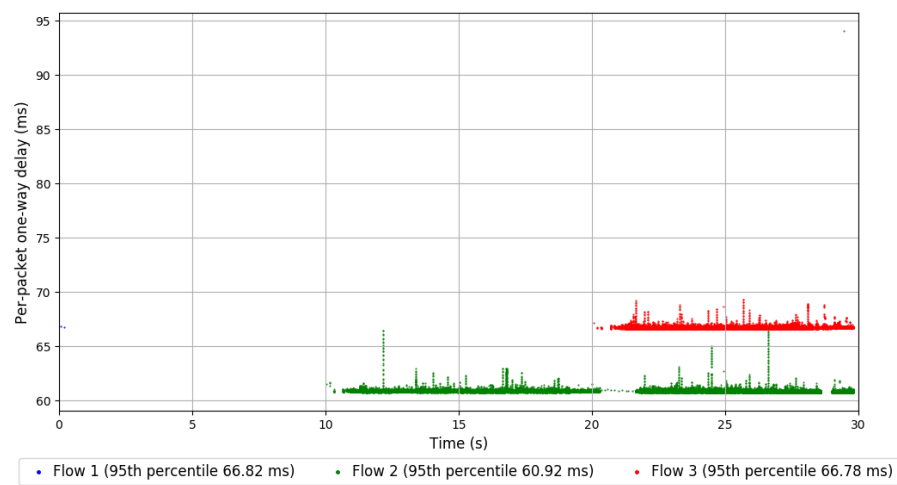
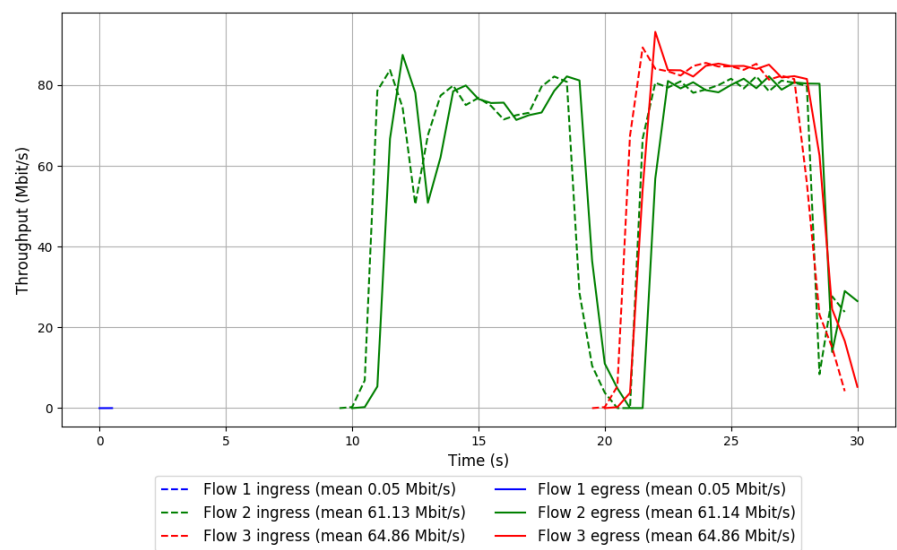


Run 8: Statistics of QUIC Cubic

Start at: 2018-08-02 09:58:33
End at: 2018-08-02 09:59:03
Local clock offset: -0.129 ms
Remote clock offset: -0.129 ms

Below is generated by plot.py at 2018-08-02 13:50:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 61.86 Mbit/s
95th percentile per-packet one-way delay: 66.717 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 66.818 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 61.14 Mbit/s
95th percentile per-packet one-way delay: 60.924 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 64.86 Mbit/s
95th percentile per-packet one-way delay: 66.776 ms
Loss rate: 0.00%

Run 8: Report of QUIC Cubic — Data Link

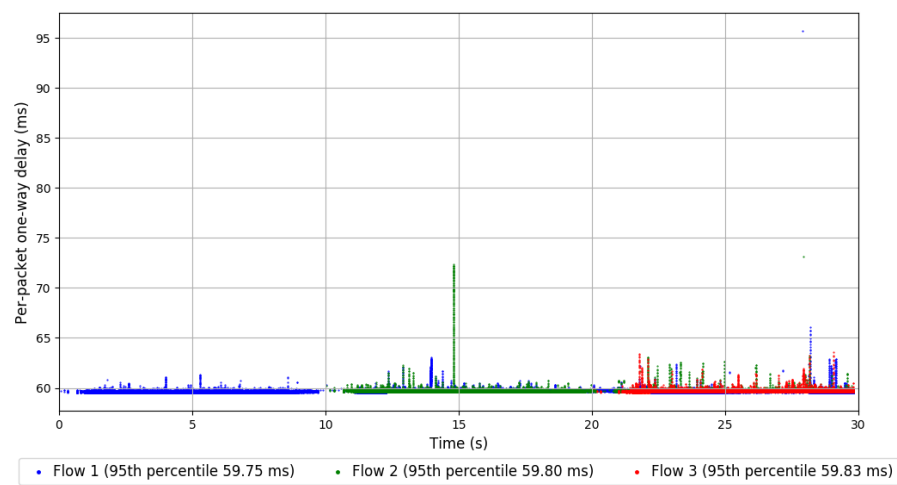
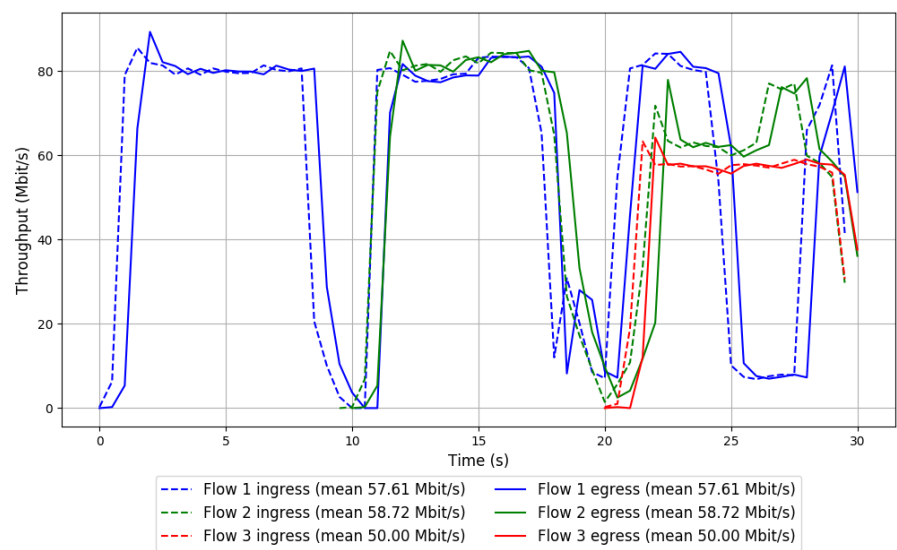


Run 9: Statistics of QUIC Cubic

Start at: 2018-08-02 10:23:27
End at: 2018-08-02 10:23:57
Local clock offset: -0.165 ms
Remote clock offset: -1.349 ms

Below is generated by plot.py at 2018-08-02 13:50:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 113.01 Mbit/s
95th percentile per-packet one-way delay: 59.784 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.61 Mbit/s
95th percentile per-packet one-way delay: 59.750 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 58.72 Mbit/s
95th percentile per-packet one-way delay: 59.797 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 50.00 Mbit/s
95th percentile per-packet one-way delay: 59.825 ms
Loss rate: 0.00%

Run 9: Report of QUIC Cubic — Data Link

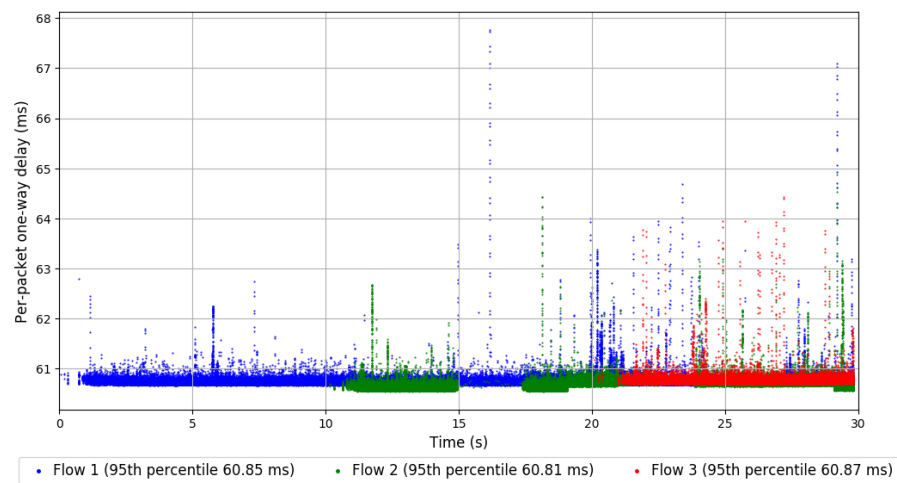
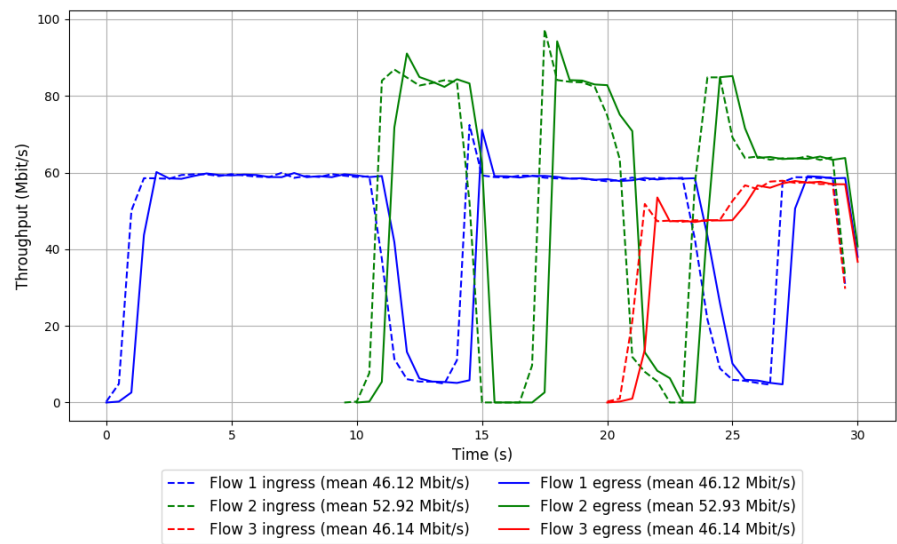


Run 10: Statistics of QUIC Cubic

Start at: 2018-08-02 10:48:11
End at: 2018-08-02 10:48:41
Local clock offset: -0.158 ms
Remote clock offset: -0.384 ms

Below is generated by plot.py at 2018-08-02 13:50:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.38 Mbit/s
95th percentile per-packet one-way delay: 60.842 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.12 Mbit/s
95th percentile per-packet one-way delay: 60.850 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 52.93 Mbit/s
95th percentile per-packet one-way delay: 60.807 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 46.14 Mbit/s
95th percentile per-packet one-way delay: 60.866 ms
Loss rate: 0.00%

Run 10: Report of QUIC Cubic — Data Link

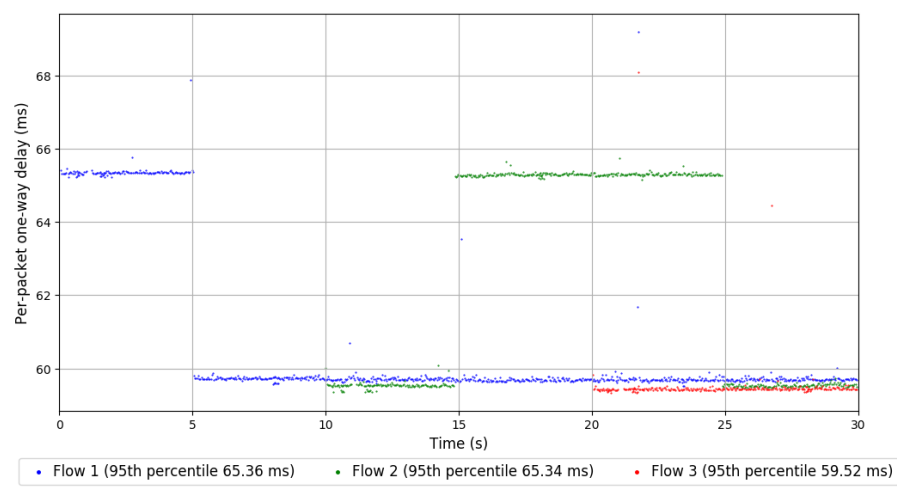
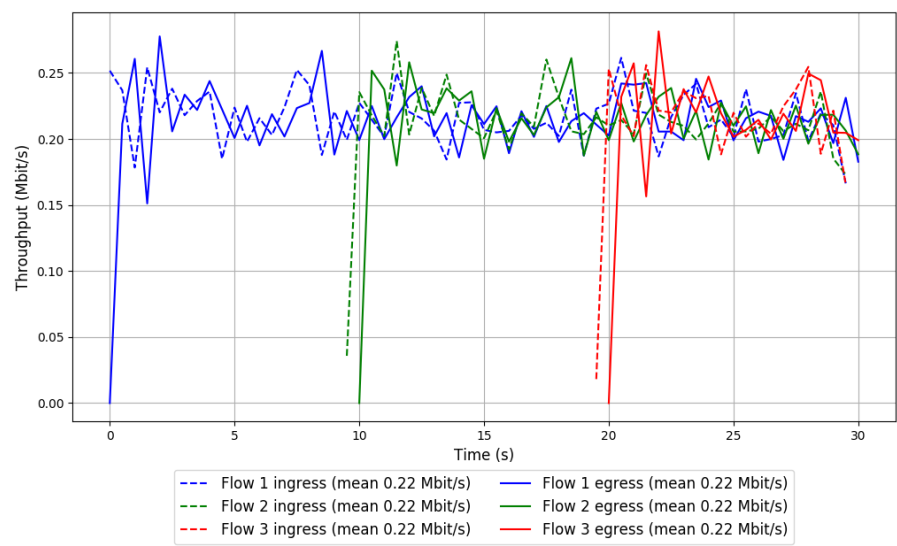


Run 1: Statistics of SReAM

Start at: 2018-08-02 07:07:15
End at: 2018-08-02 07:07:45
Local clock offset: -0.029 ms
Remote clock offset: -1.541 ms

Below is generated by plot.py at 2018-08-02 13:50:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 65.349 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 65.362 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 65.339 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 59.517 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

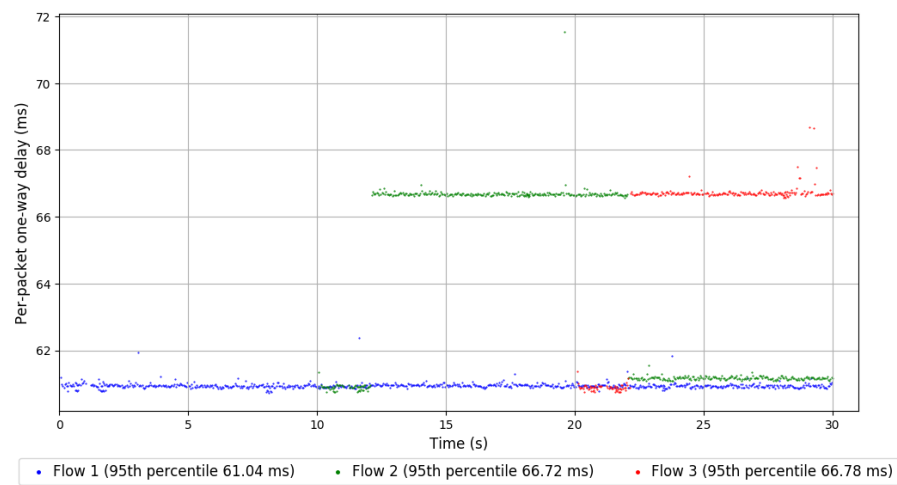
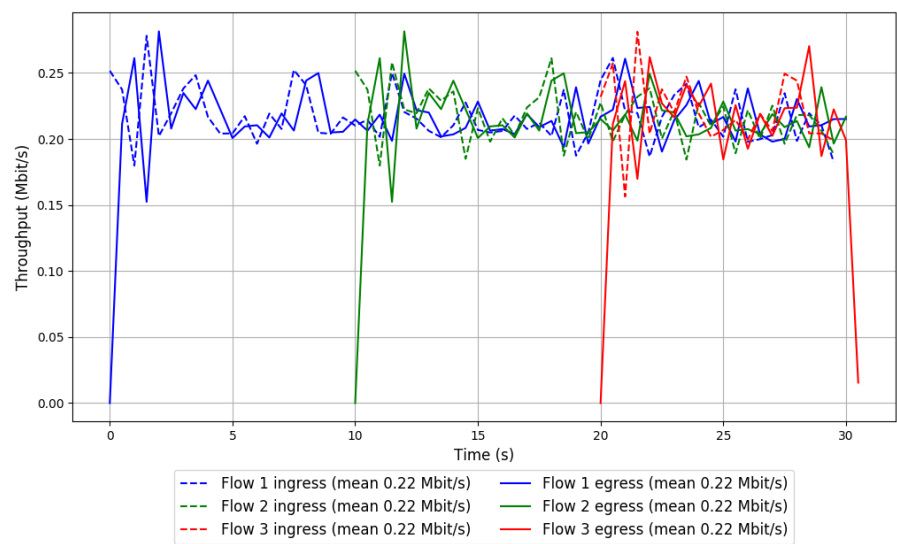


Run 2: Statistics of SReAM

Start at: 2018-08-02 07:31:58
End at: 2018-08-02 07:32:28
Local clock offset: -0.013 ms
Remote clock offset: -0.154 ms

Below is generated by plot.py at 2018-08-02 13:50:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 66.719 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 61.038 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 66.719 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 66.780 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

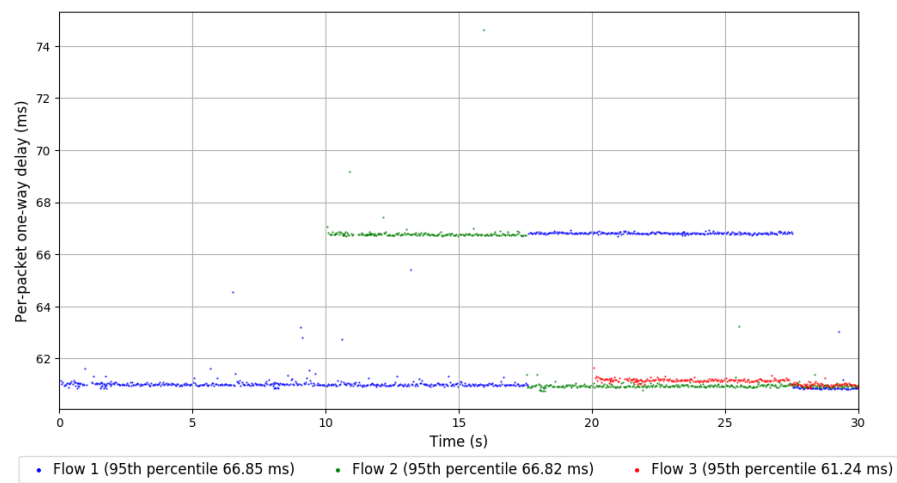
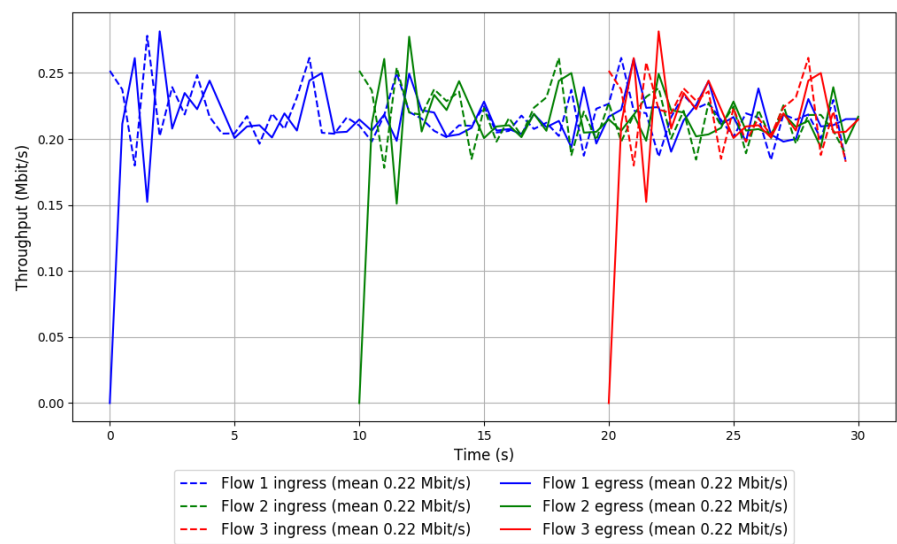


Run 3: Statistics of SReAM

Start at: 2018-08-02 07:56:52
End at: 2018-08-02 07:57:22
Local clock offset: -0.005 ms
Remote clock offset: -0.049 ms

Below is generated by plot.py at 2018-08-02 13:50:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 66.833 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 66.847 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 66.817 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 61.240 ms
Loss rate: 0.00%

Run 3: Report of SCReAM — Data Link

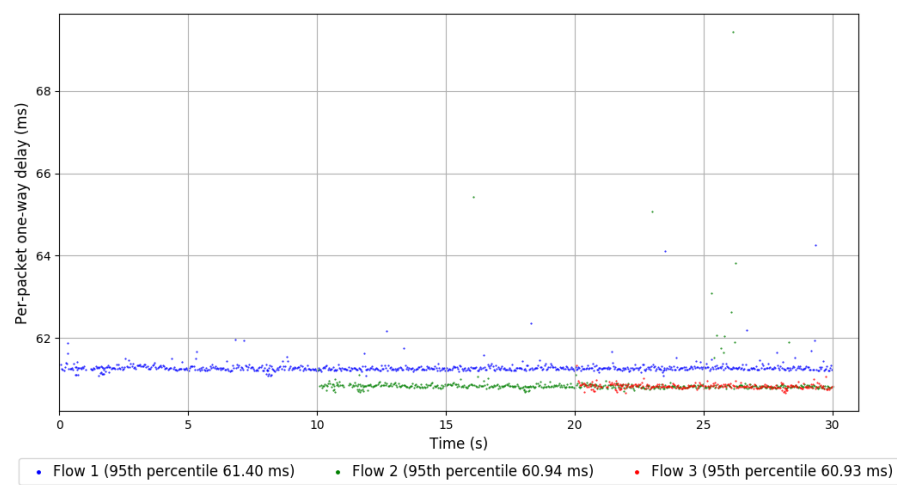
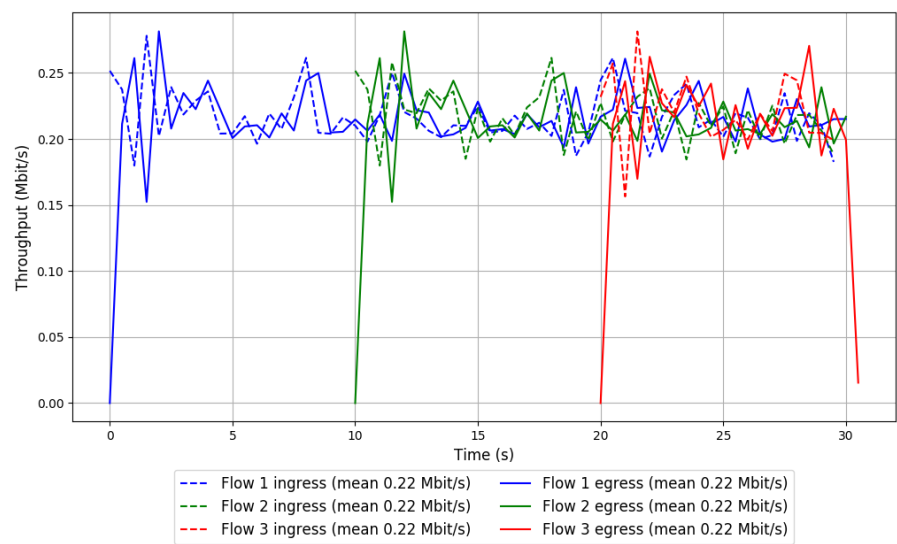


Run 4: Statistics of SReAM

Start at: 2018-08-02 08:21:23
End at: 2018-08-02 08:21:53
Local clock offset: 0.016 ms
Remote clock offset: -0.115 ms

Below is generated by plot.py at 2018-08-02 13:50:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 61.360 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 61.402 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 60.935 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 60.928 ms
Loss rate: 0.00%

Run 4: Report of SCSReAM — Data Link

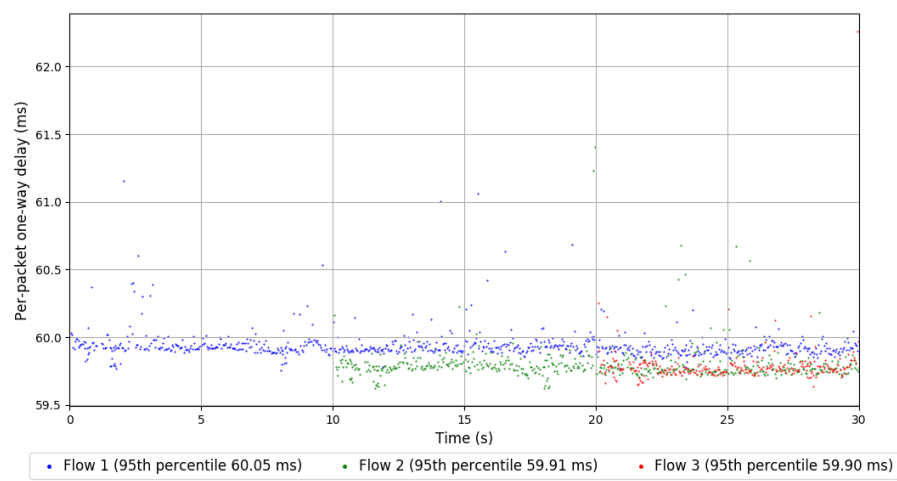
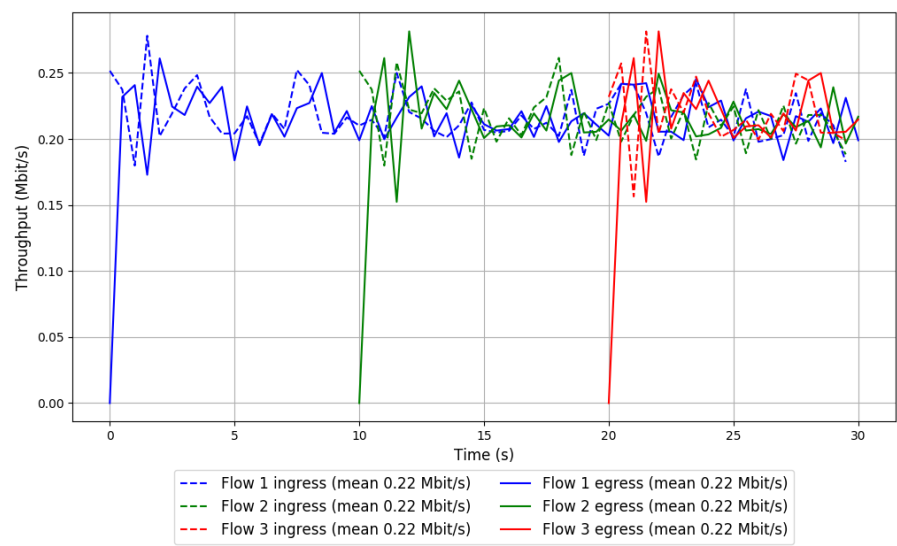


Run 5: Statistics of SReAM

Start at: 2018-08-02 08:46:13
End at: 2018-08-02 08:46:43
Local clock offset: -0.004 ms
Remote clock offset: -1.335 ms

Below is generated by plot.py at 2018-08-02 13:50:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 60.015 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 60.051 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 59.908 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 59.895 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

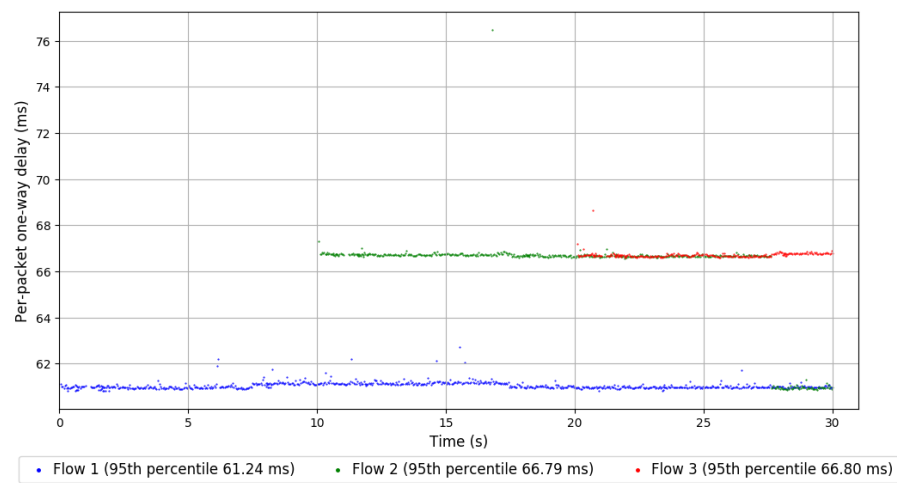
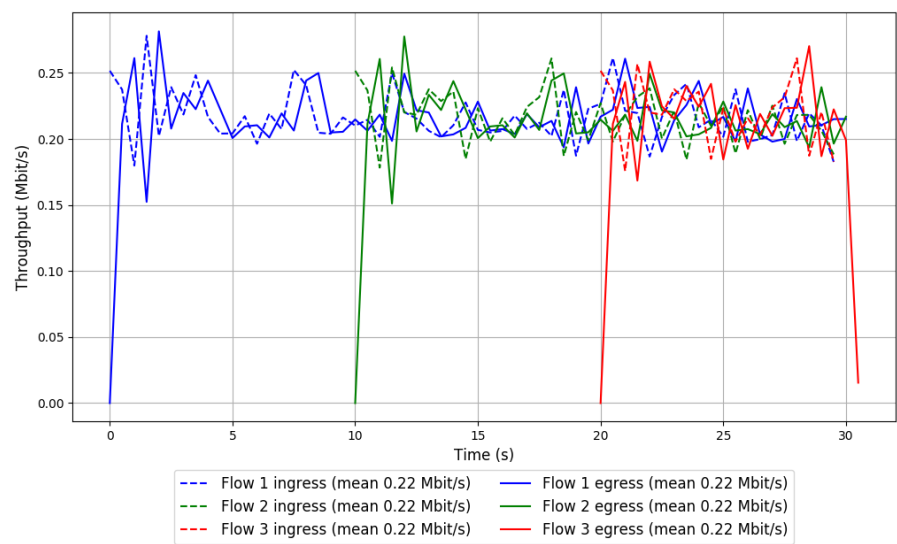


Run 6: Statistics of SReAM

Start at: 2018-08-02 09:11:12
End at: 2018-08-02 09:11:42
Local clock offset: -0.06 ms
Remote clock offset: -0.182 ms

Below is generated by plot.py at 2018-08-02 13:50:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 66.775 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 61.238 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 66.788 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 66.804 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

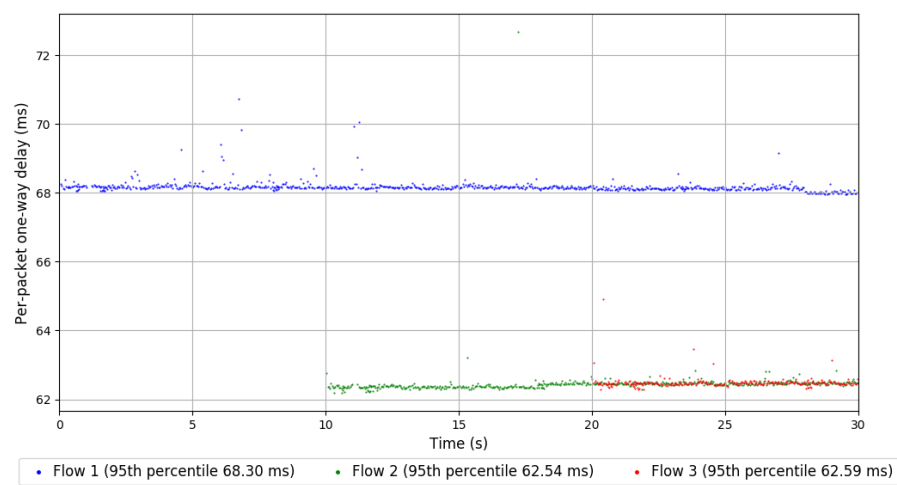
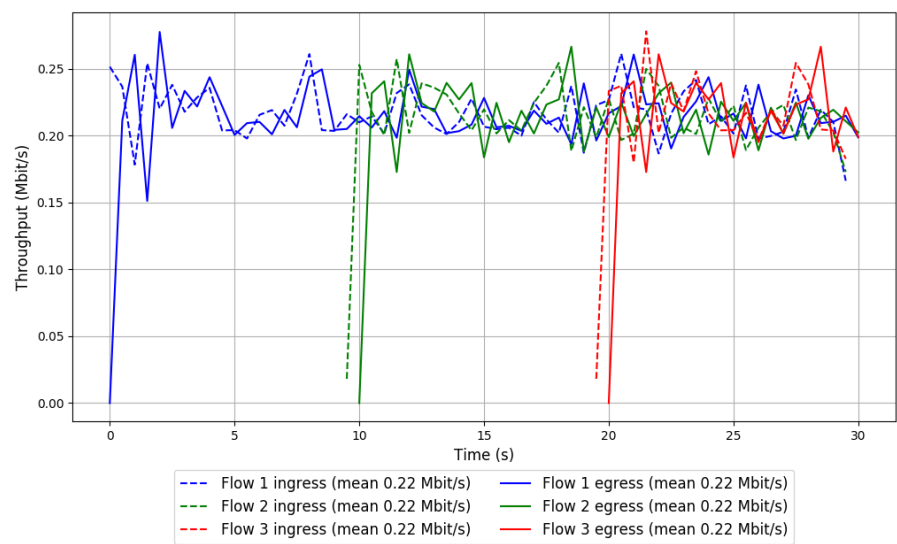


Run 7: Statistics of SReAM

Start at: 2018-08-02 09:36:12
End at: 2018-08-02 09:36:42
Local clock offset: -0.145 ms
Remote clock offset: 1.142 ms

Below is generated by plot.py at 2018-08-02 13:50:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 68.232 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 68.296 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 62.538 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 62.592 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SReAM

Start at: 2018-08-02 10:01:01

End at: 2018-08-02 10:01:31

Local clock offset: -0.145 ms

Remote clock offset: -0.27 ms

Below is generated by plot.py at 2018-08-02 13:50:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 66.592 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 66.614 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 61.101 ms

Loss rate: 0.00%

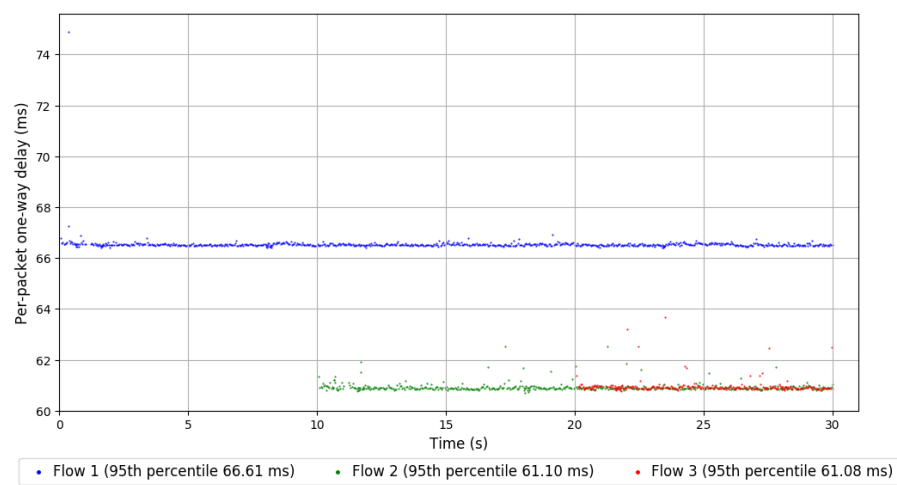
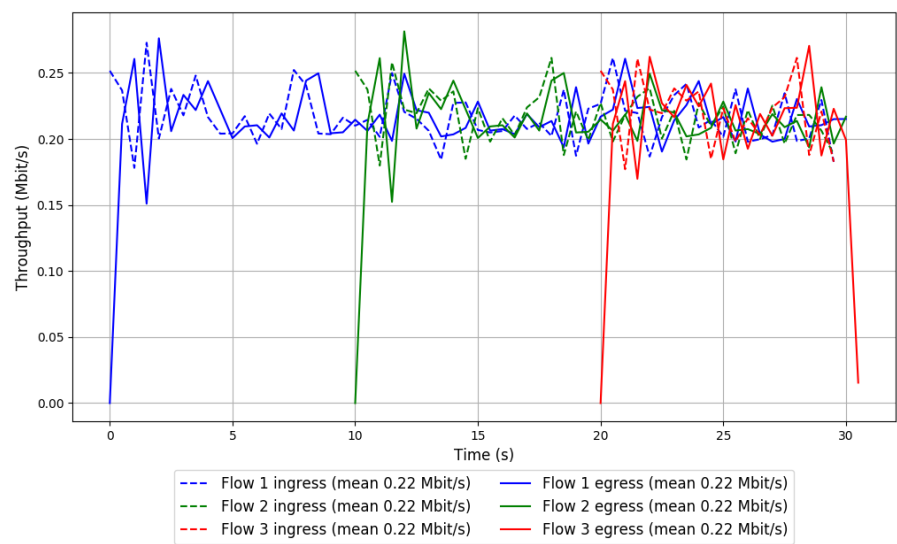
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 61.080 ms

Loss rate: 0.00%

Run 8: Report of SCReAM — Data Link

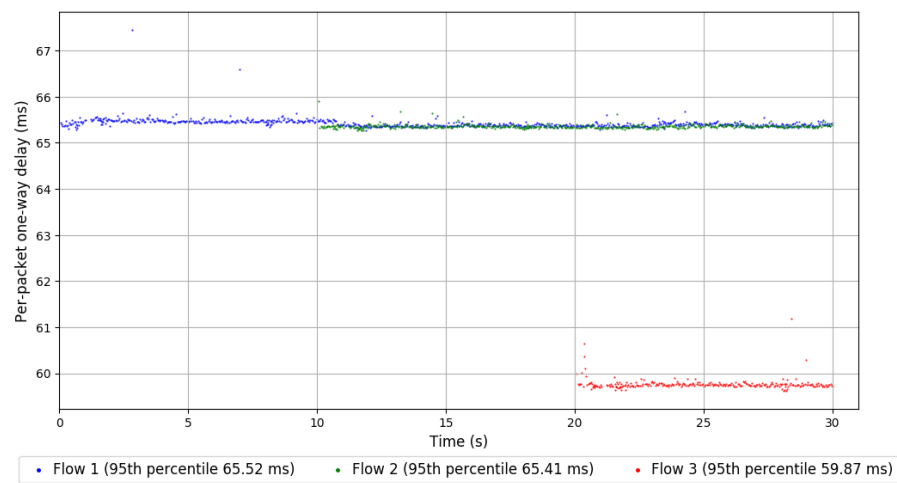
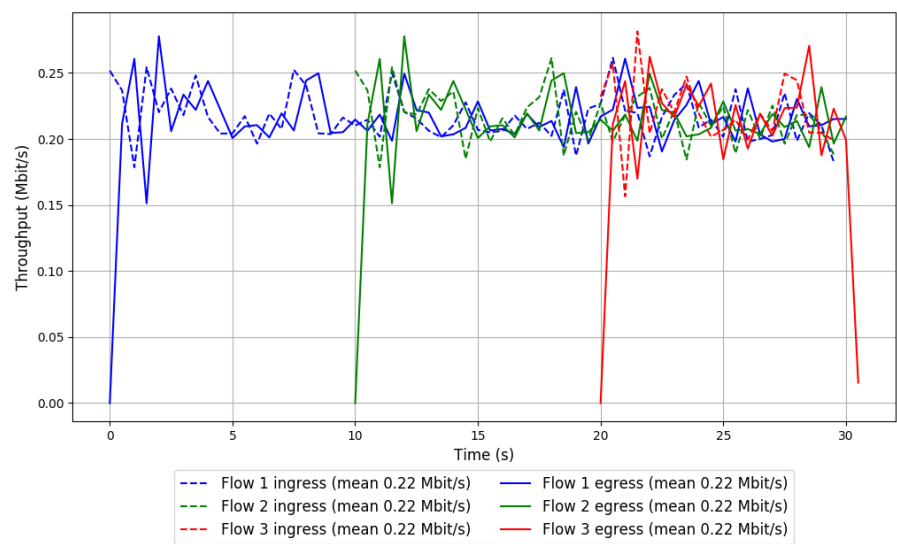


Run 9: Statistics of SReAM

Start at: 2018-08-02 10:25:59
End at: 2018-08-02 10:26:29
Local clock offset: -0.162 ms
Remote clock offset: -1.388 ms

Below is generated by plot.py at 2018-08-02 13:50:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 65.496 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 65.523 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 65.412 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 59.873 ms
Loss rate: 0.00%

Run 9: Report of SCReAM — Data Link



Run 10: Statistics of SReAM

Start at: 2018-08-02 10:50:39

End at: 2018-08-02 10:51:09

Local clock offset: -0.178 ms

Remote clock offset: 1.084 ms

Below is generated by plot.py at 2018-08-02 13:50:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 68.105 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 68.125 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 62.459 ms

Loss rate: 0.00%

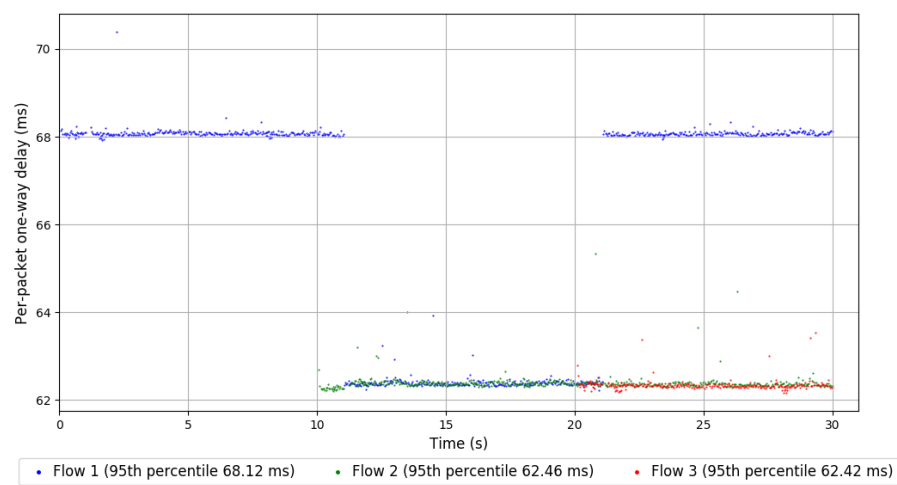
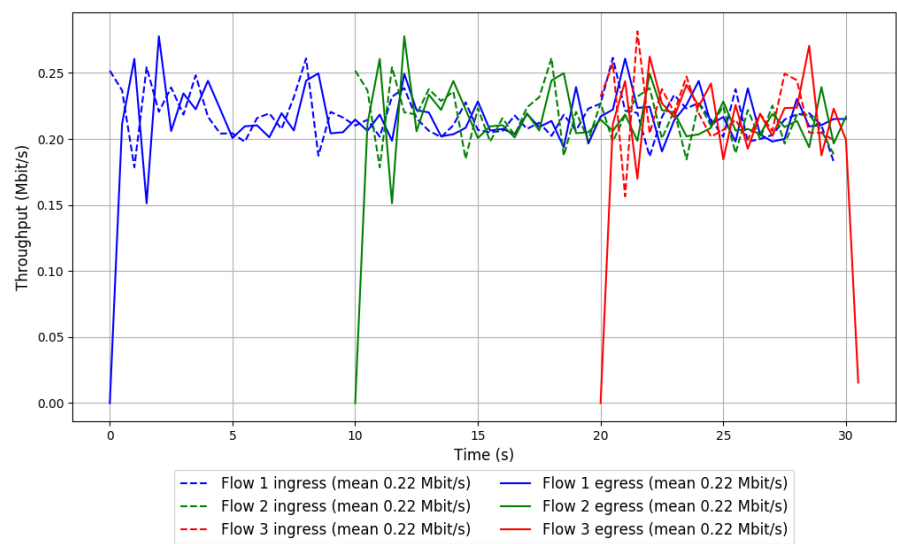
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 62.424 ms

Loss rate: 0.00%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: 2018-08-02 07:21:38

End at: 2018-08-02 07:22:08

Local clock offset: -0.043 ms

Remote clock offset: -0.33 ms

Below is generated by plot.py at 2018-08-02 13:50:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 1.40 Mbit/s

95th percentile per-packet one-way delay: 61.184 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.86 Mbit/s

95th percentile per-packet one-way delay: 61.208 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.55 Mbit/s

95th percentile per-packet one-way delay: 61.142 ms

Loss rate: 0.00%

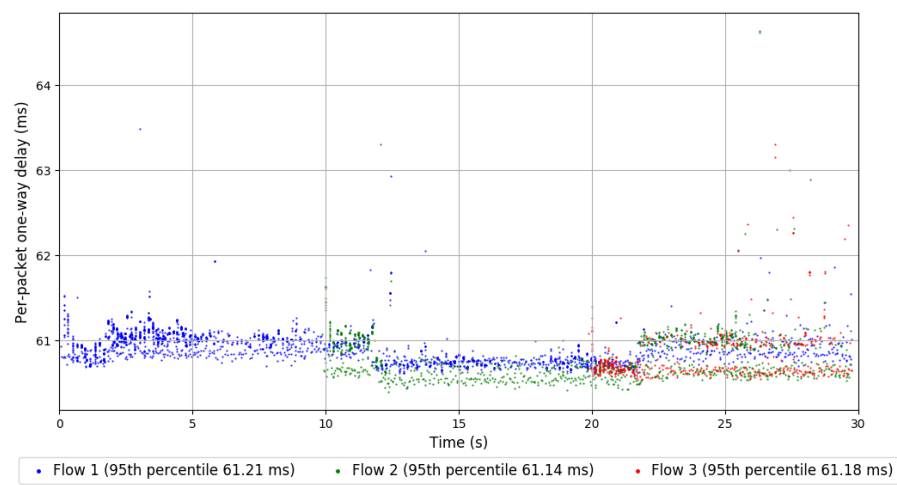
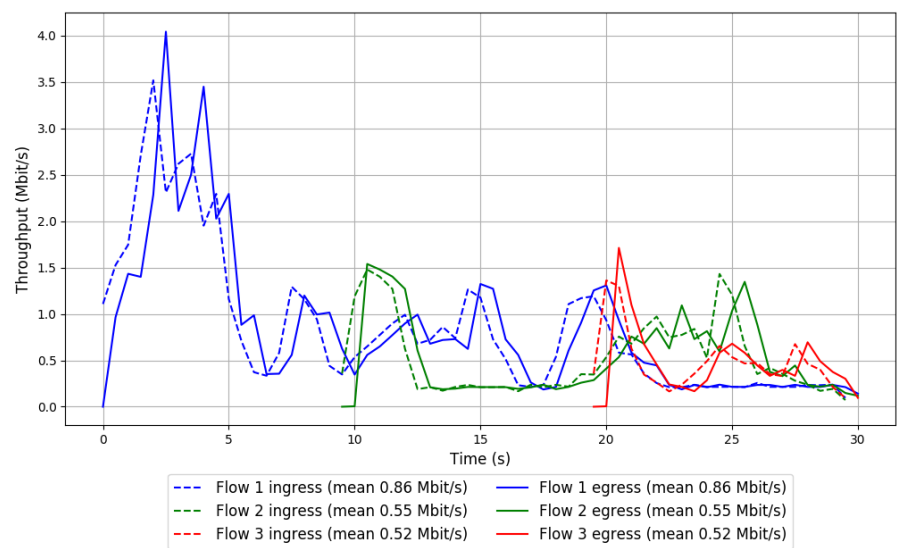
-- Flow 3:

Average throughput: 0.52 Mbit/s

95th percentile per-packet one-way delay: 61.184 ms

Loss rate: 0.00%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: 2018-08-02 07:46:45

End at: 2018-08-02 07:47:15

Local clock offset: -0.042 ms

Remote clock offset: -0.46 ms

Below is generated by plot.py at 2018-08-02 13:50:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 2.12 Mbit/s

95th percentile per-packet one-way delay: 66.482 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.66 Mbit/s

95th percentile per-packet one-way delay: 66.560 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.87 Mbit/s

95th percentile per-packet one-way delay: 66.436 ms

Loss rate: 0.00%

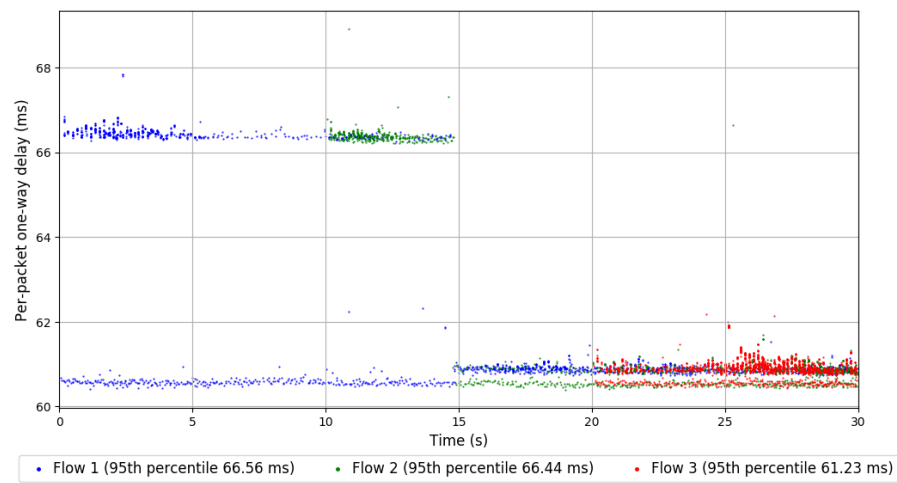
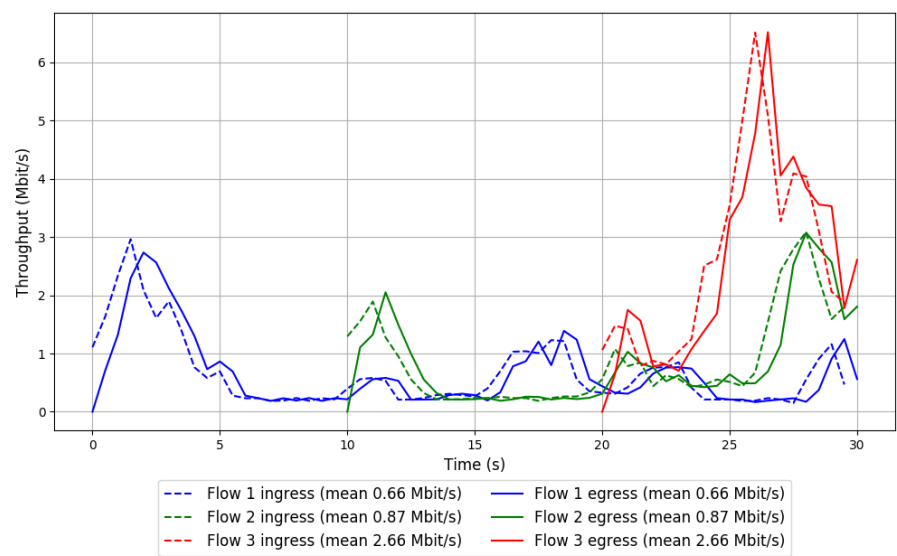
-- Flow 3:

Average throughput: 2.66 Mbit/s

95th percentile per-packet one-way delay: 61.228 ms

Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

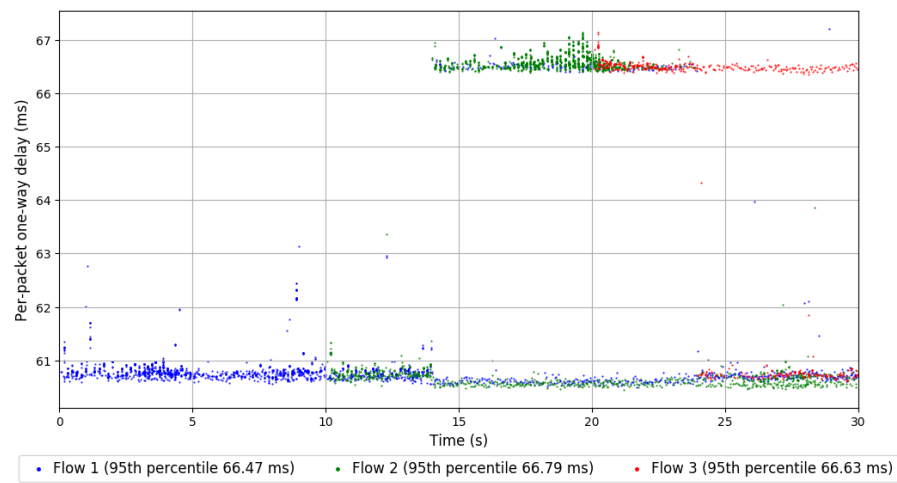
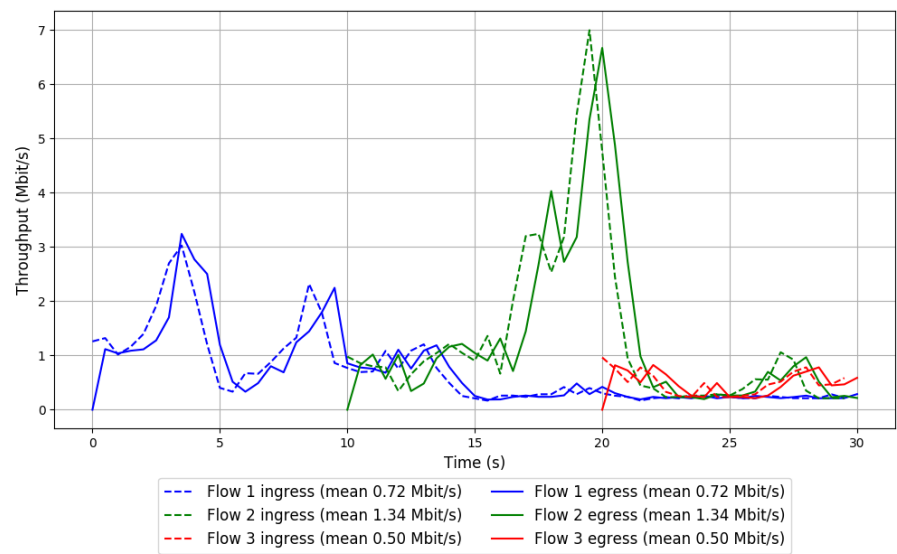


Run 3: Statistics of Sprout

Start at: 2018-08-02 08:11:16
End at: 2018-08-02 08:11:46
Local clock offset: 0.029 ms
Remote clock offset: -0.301 ms

Below is generated by plot.py at 2018-08-02 13:50:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 1.77 Mbit/s
95th percentile per-packet one-way delay: 66.704 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.72 Mbit/s
95th percentile per-packet one-way delay: 66.471 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.34 Mbit/s
95th percentile per-packet one-way delay: 66.792 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 66.628 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

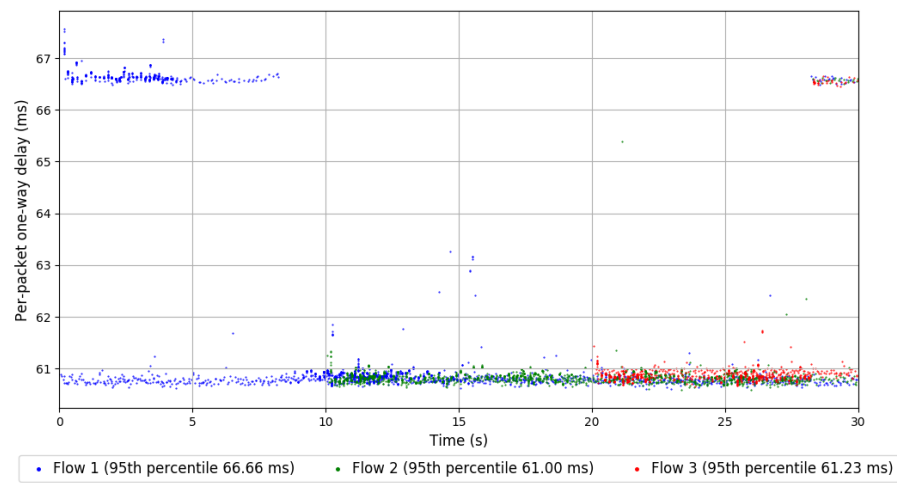
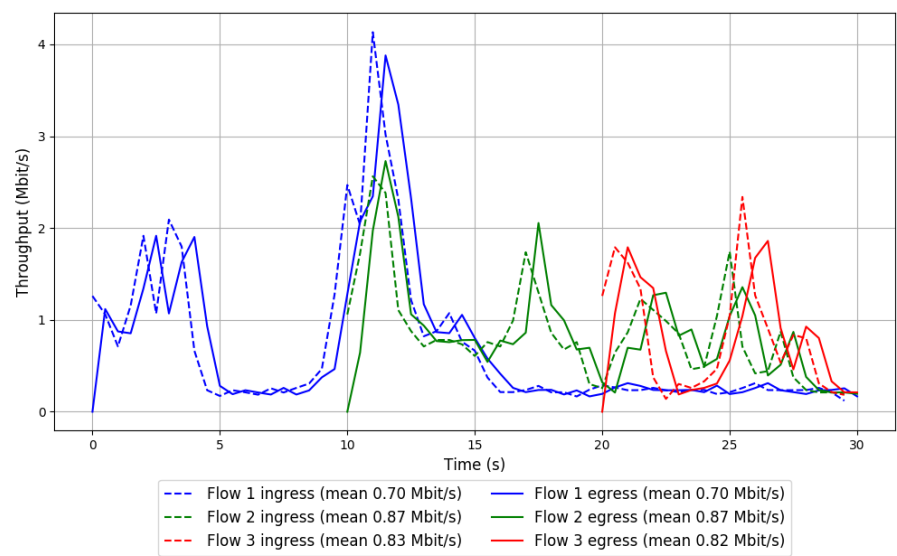


Run 4: Statistics of Sprout

Start at: 2018-08-02 08:36:01
End at: 2018-08-02 08:36:31
Local clock offset: -0.045 ms
Remote clock offset: -0.363 ms

```
# Below is generated by plot.py at 2018-08-02 13:50:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.55 Mbit/s
95th percentile per-packet one-way delay: 66.620 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.70 Mbit/s
95th percentile per-packet one-way delay: 66.664 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.87 Mbit/s
95th percentile per-packet one-way delay: 61.002 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.82 Mbit/s
95th percentile per-packet one-way delay: 61.228 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

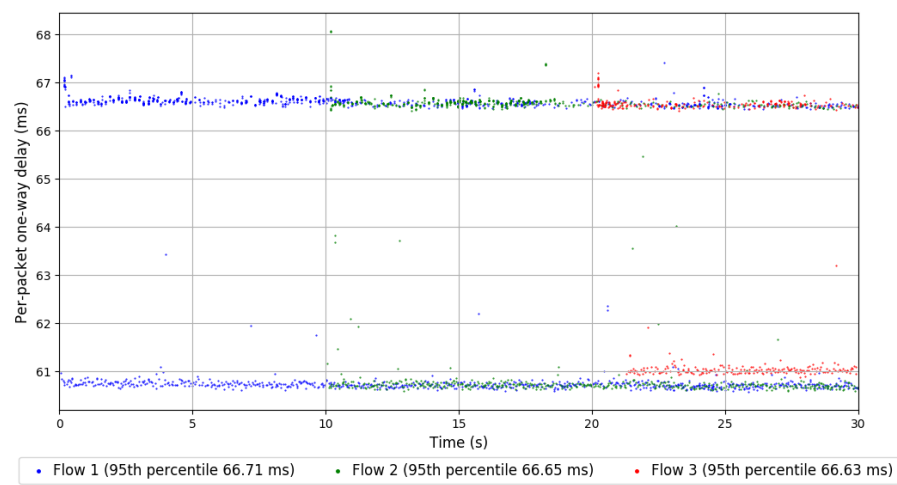
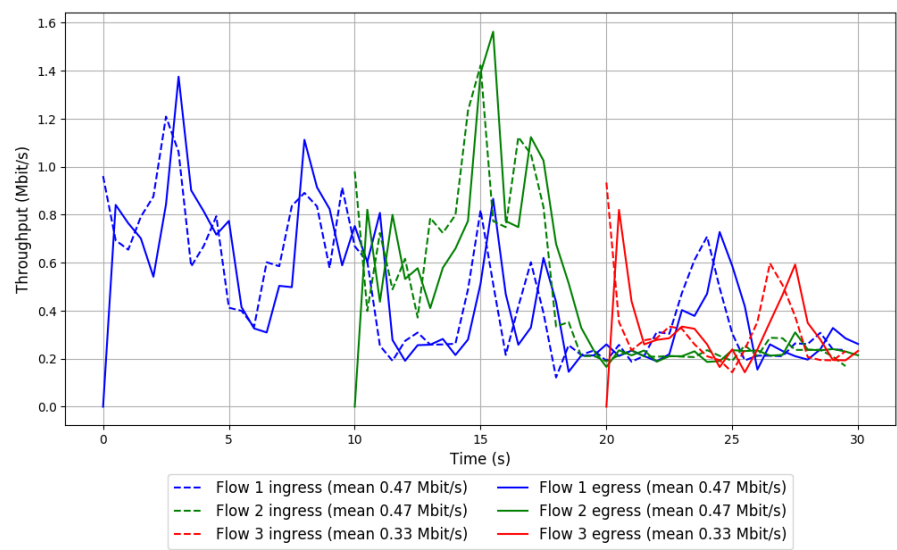


Run 5: Statistics of Sprout

Start at: 2018-08-02 09:00:59
End at: 2018-08-02 09:01:29
Local clock offset: 0.006 ms
Remote clock offset: -0.317 ms

```
# Below is generated by plot.py at 2018-08-02 13:50:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.89 Mbit/s
95th percentile per-packet one-way delay: 66.688 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 66.707 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 66.651 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 66.626 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

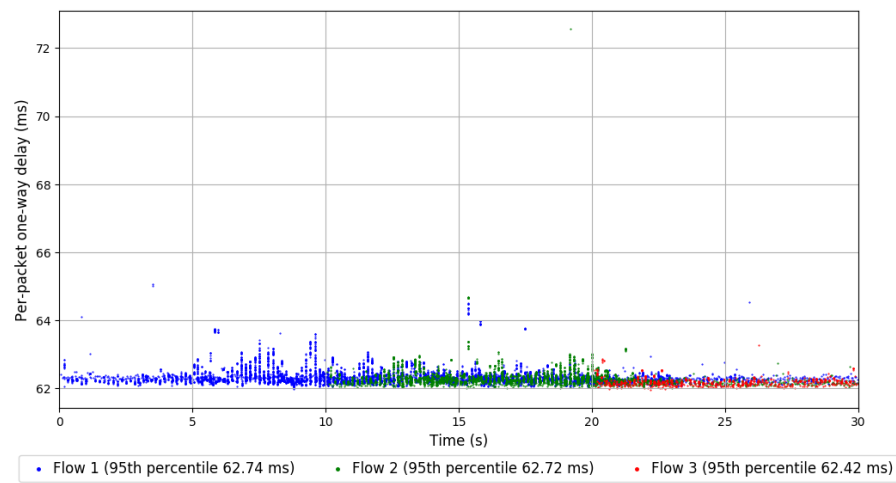
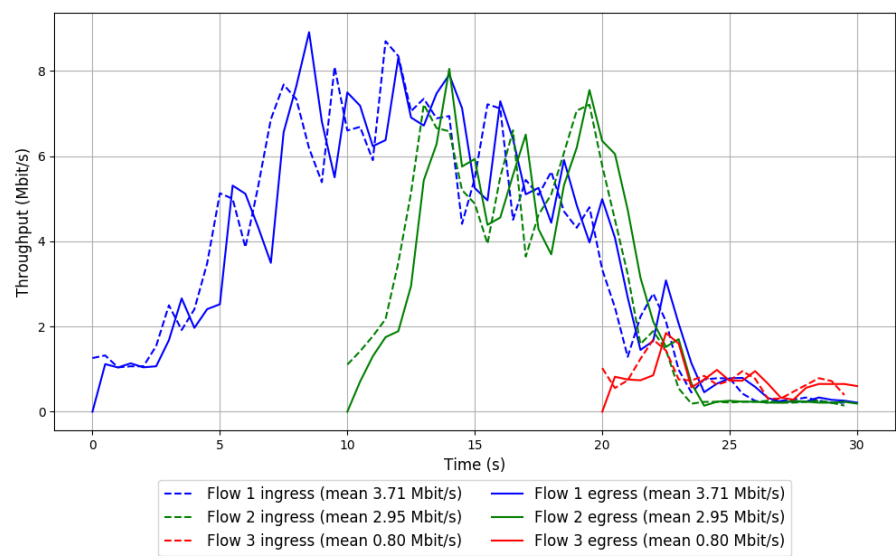


Run 6: Statistics of Sprout

Start at: 2018-08-02 09:25:55
End at: 2018-08-02 09:26:25
Local clock offset: -0.079 ms
Remote clock offset: 1.091 ms

```
# Below is generated by plot.py at 2018-08-02 13:50:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 5.94 Mbit/s
95th percentile per-packet one-way delay: 62.722 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.71 Mbit/s
95th percentile per-packet one-way delay: 62.737 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 2.95 Mbit/s
95th percentile per-packet one-way delay: 62.718 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.80 Mbit/s
95th percentile per-packet one-way delay: 62.418 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link

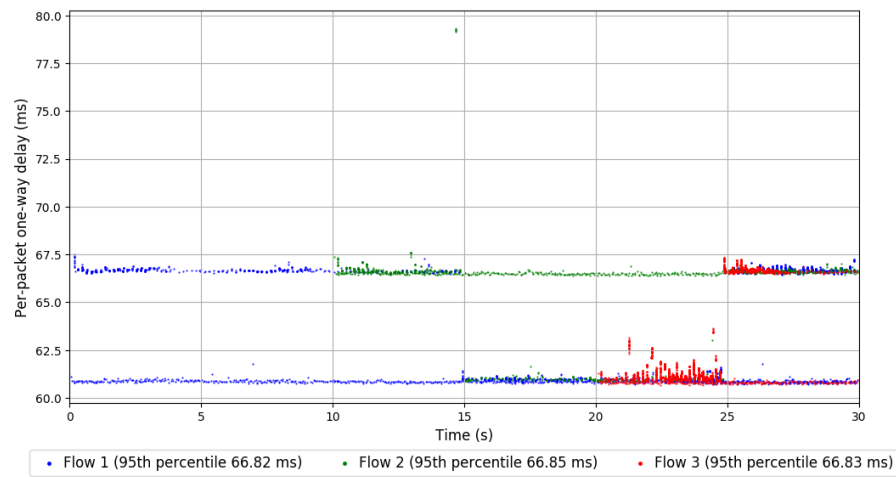
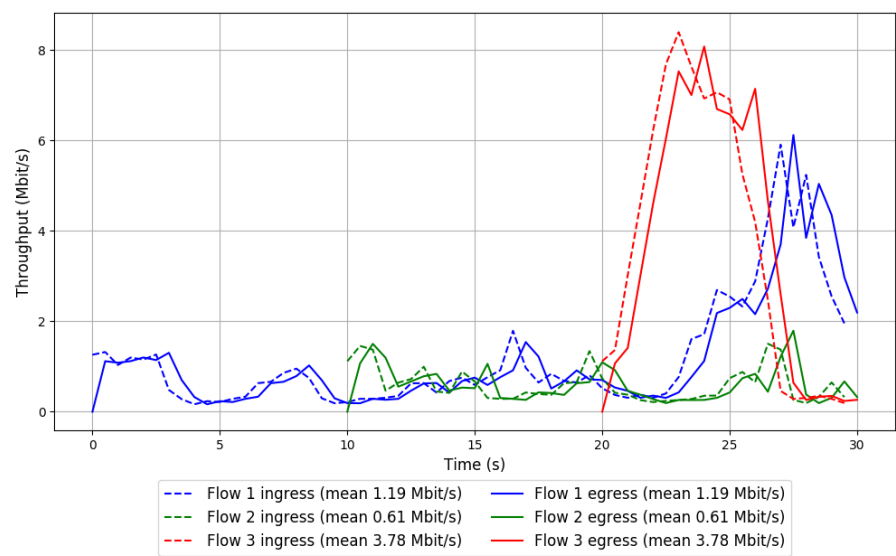


Run 7: Statistics of Sprout

Start at: 2018-08-02 09:50:45
End at: 2018-08-02 09:51:15
Local clock offset: -0.142 ms
Remote clock offset: -0.266 ms

```
# Below is generated by plot.py at 2018-08-02 13:50:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.84 Mbit/s
95th percentile per-packet one-way delay: 66.820 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.19 Mbit/s
95th percentile per-packet one-way delay: 66.818 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.61 Mbit/s
95th percentile per-packet one-way delay: 66.848 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.78 Mbit/s
95th percentile per-packet one-way delay: 66.825 ms
Loss rate: 0.00%
```


Run 7: Report of Sprout — Data Link

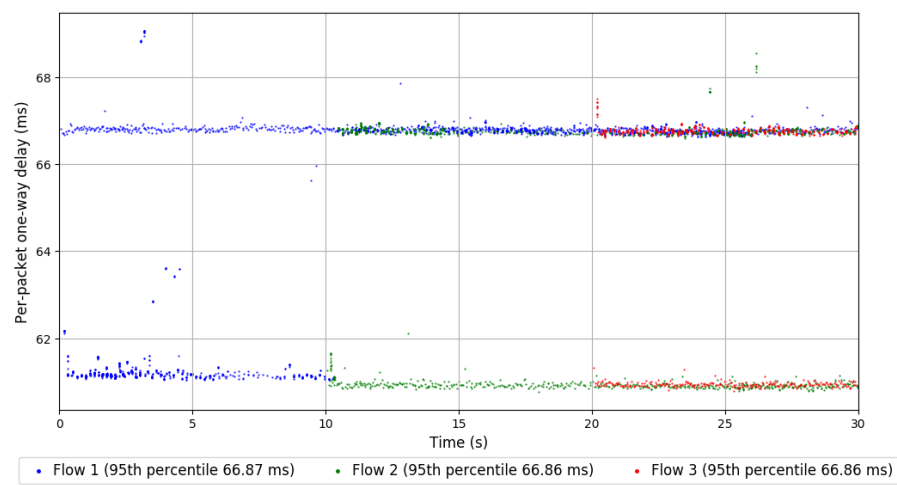
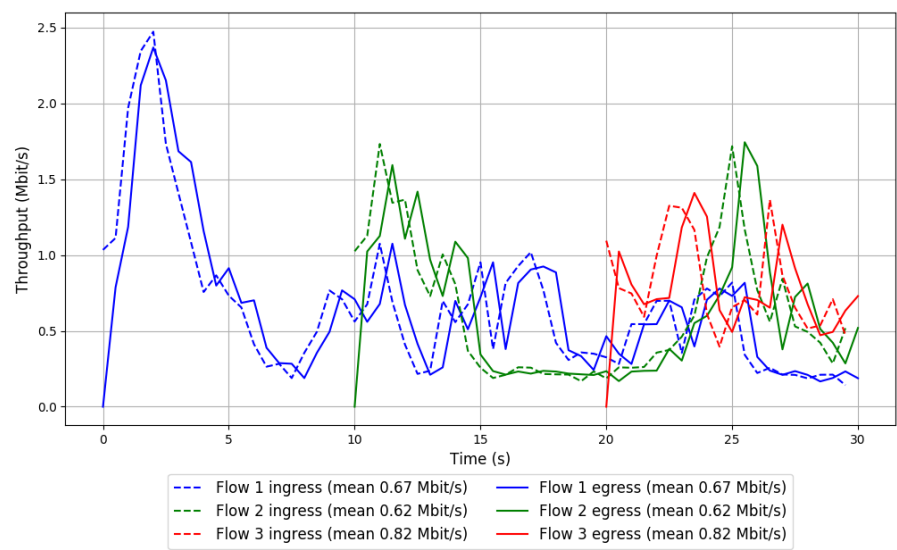


Run 8: Statistics of Sprout

Start at: 2018-08-02 10:15:49
End at: 2018-08-02 10:16:19
Local clock offset: -0.122 ms
Remote clock offset: -0.074 ms

```
# Below is generated by plot.py at 2018-08-02 13:50:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.36 Mbit/s
95th percentile per-packet one-way delay: 66.861 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.67 Mbit/s
95th percentile per-packet one-way delay: 66.867 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: 66.860 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.82 Mbit/s
95th percentile per-packet one-way delay: 66.858 ms
Loss rate: 0.00%
```

Run 8: Report of Sprout — Data Link

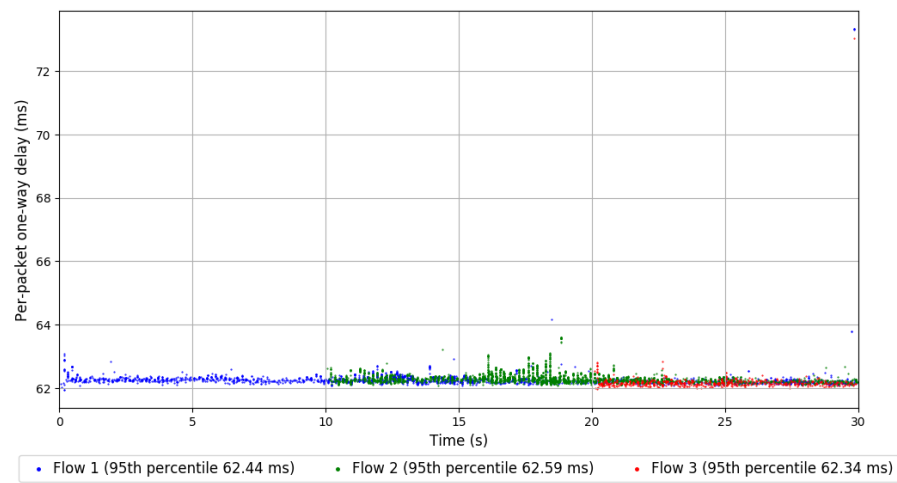
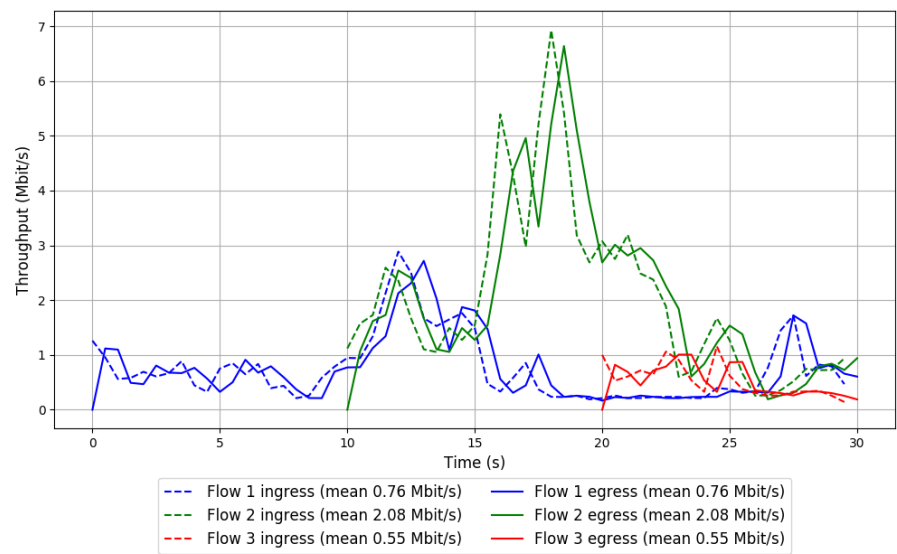


Run 9: Statistics of Sprout

Start at: 2018-08-02 10:40:30
End at: 2018-08-02 10:41:00
Local clock offset: -0.185 ms
Remote clock offset: 0.966 ms

```
# Below is generated by plot.py at 2018-08-02 13:50:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 62.547 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.76 Mbit/s
95th percentile per-packet one-way delay: 62.435 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 2.08 Mbit/s
95th percentile per-packet one-way delay: 62.586 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.55 Mbit/s
95th percentile per-packet one-way delay: 62.339 ms
Loss rate: 0.00%
```

Run 9: Report of Sprout — Data Link

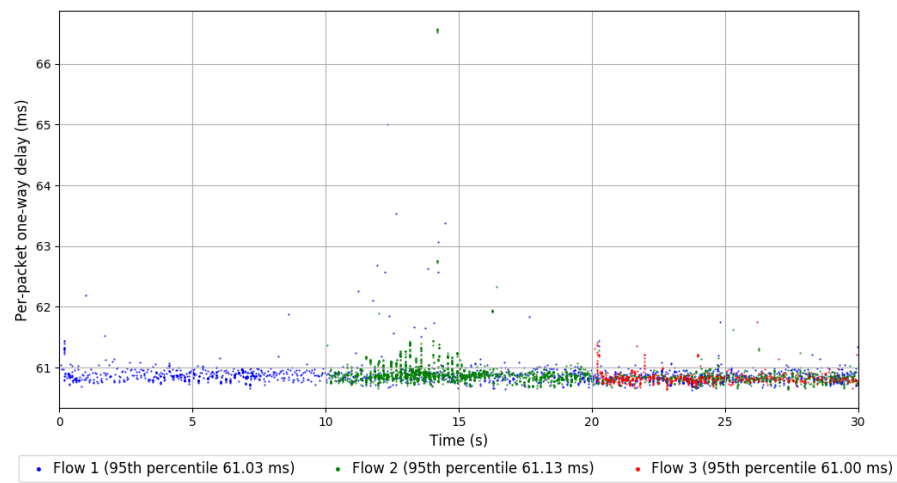
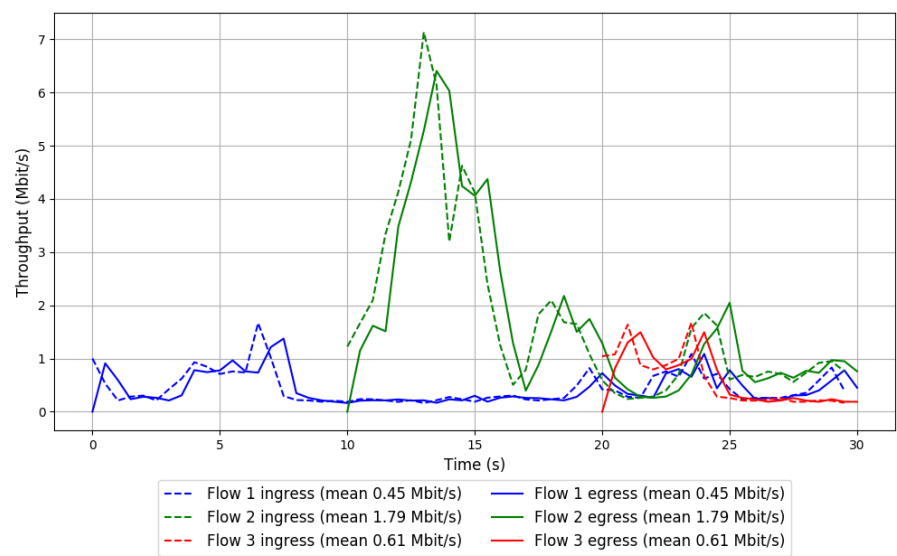


Run 10: Statistics of Sprout

Start at: 2018-08-02 11:05:45
End at: 2018-08-02 11:06:15
Local clock offset: -0.07 ms
Remote clock offset: -0.302 ms

```
# Below is generated by plot.py at 2018-08-02 13:50:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.84 Mbit/s
95th percentile per-packet one-way delay: 61.096 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 61.033 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.79 Mbit/s
95th percentile per-packet one-way delay: 61.130 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.61 Mbit/s
95th percentile per-packet one-way delay: 61.002 ms
Loss rate: 0.00%
```

Run 10: Report of Sprout — Data Link

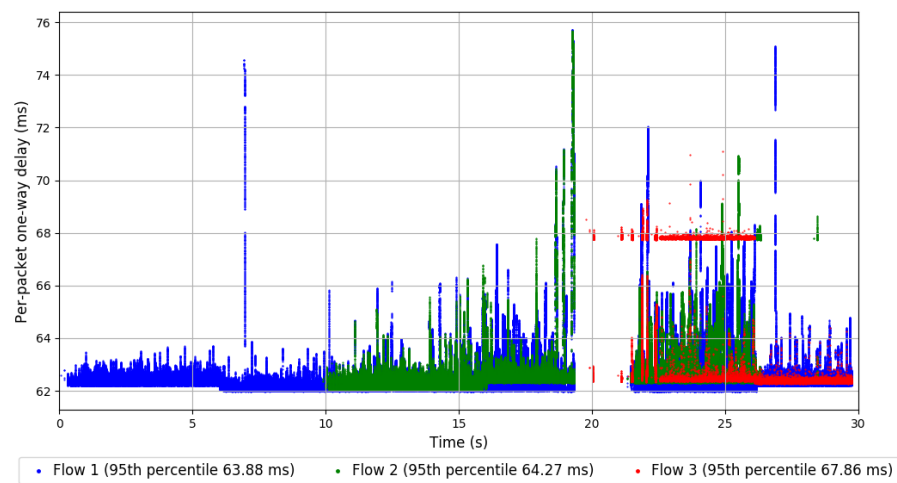
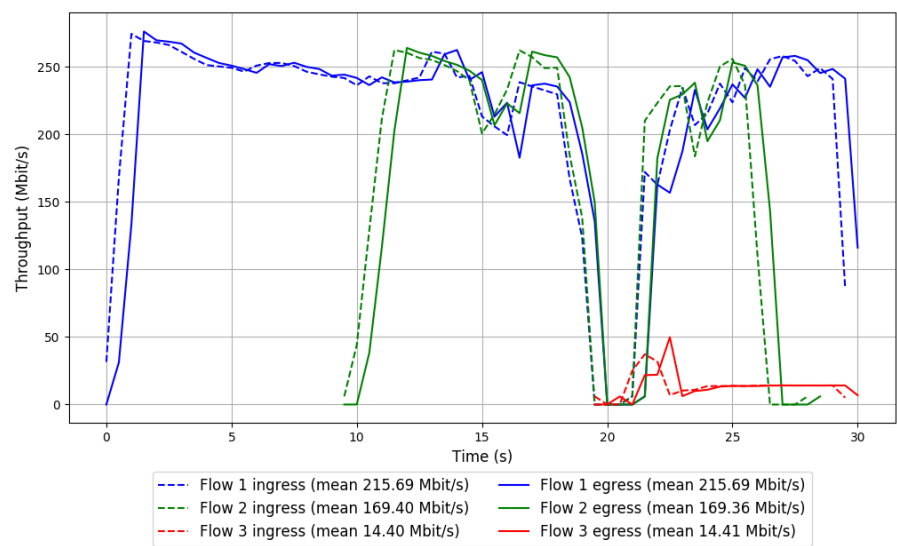


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-08-02 07:15:23
End at: 2018-08-02 07:15:53
Local clock offset: -0.036 ms
Remote clock offset: 1.185 ms

# Below is generated by plot.py at 2018-08-02 13:55:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 327.18 Mbit/s
95th percentile per-packet one-way delay: 64.162 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 215.69 Mbit/s
95th percentile per-packet one-way delay: 63.878 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 169.36 Mbit/s
95th percentile per-packet one-way delay: 64.272 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 14.41 Mbit/s
95th percentile per-packet one-way delay: 67.863 ms
Loss rate: 0.00%
```


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

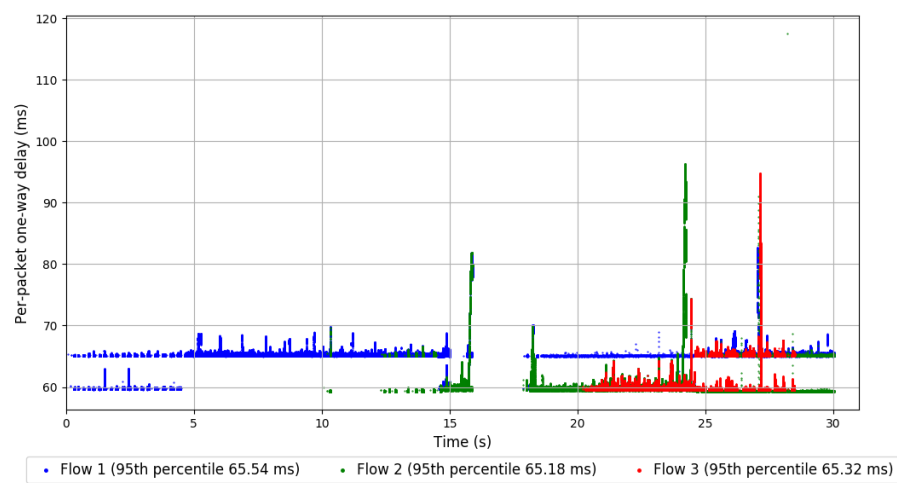
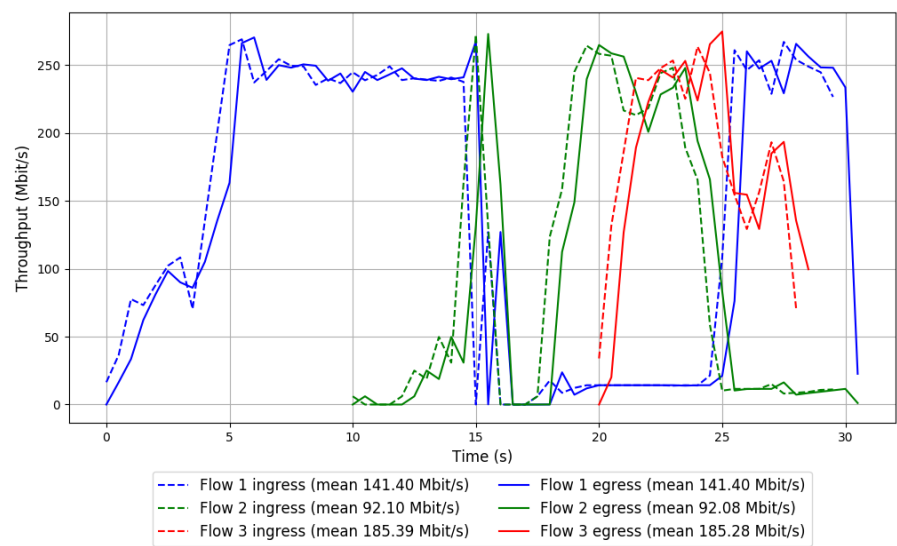


Run 2: Statistics of TaoVA-100x

Start at: 2018-08-02 07:40:35
End at: 2018-08-02 07:41:05
Local clock offset: -0.009 ms
Remote clock offset: -1.536 ms

Below is generated by plot.py at 2018-08-02 13:55:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 254.75 Mbit/s
95th percentile per-packet one-way delay: 65.441 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 141.40 Mbit/s
95th percentile per-packet one-way delay: 65.539 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 92.08 Mbit/s
95th percentile per-packet one-way delay: 65.181 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 185.28 Mbit/s
95th percentile per-packet one-way delay: 65.317 ms
Loss rate: 0.00%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-08-02 08:05:31

End at: 2018-08-02 08:06:01

Local clock offset: -0.021 ms

Remote clock offset: 1.144 ms

Below is generated by plot.py at 2018-08-02 13:55:01

Datalink statistics

-- Total of 3 flows:

Average throughput: 31.41 Mbit/s

95th percentile per-packet one-way delay: 68.013 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 13.86 Mbit/s

95th percentile per-packet one-way delay: 68.058 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 17.66 Mbit/s

95th percentile per-packet one-way delay: 67.982 ms

Loss rate: 0.00%

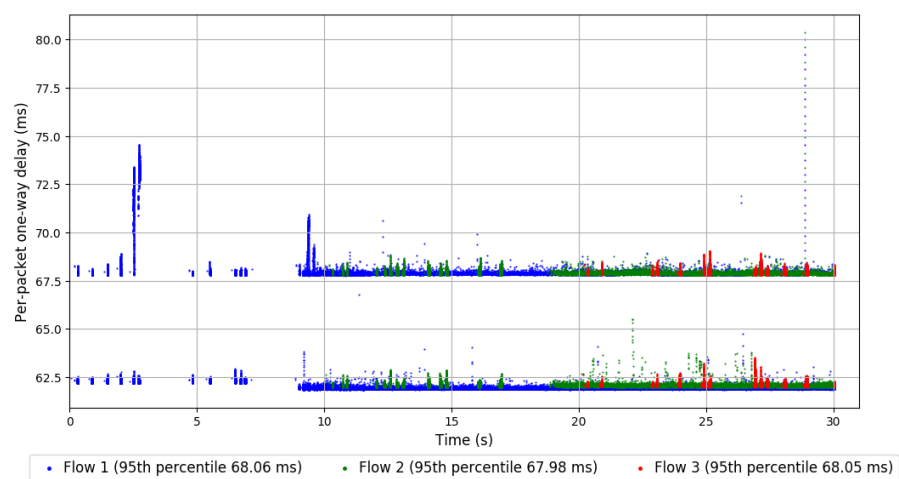
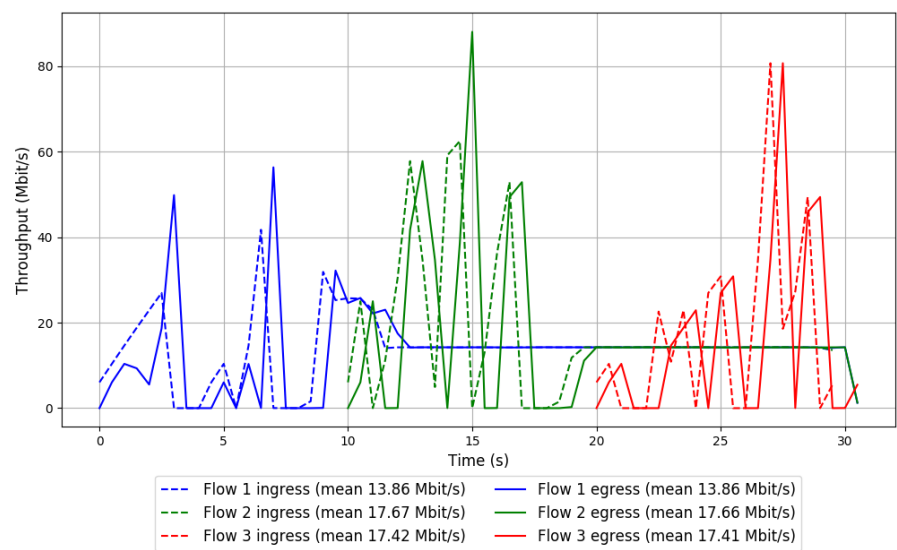
-- Flow 3:

Average throughput: 17.41 Mbit/s

95th percentile per-packet one-way delay: 68.052 ms

Loss rate: 0.00%

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

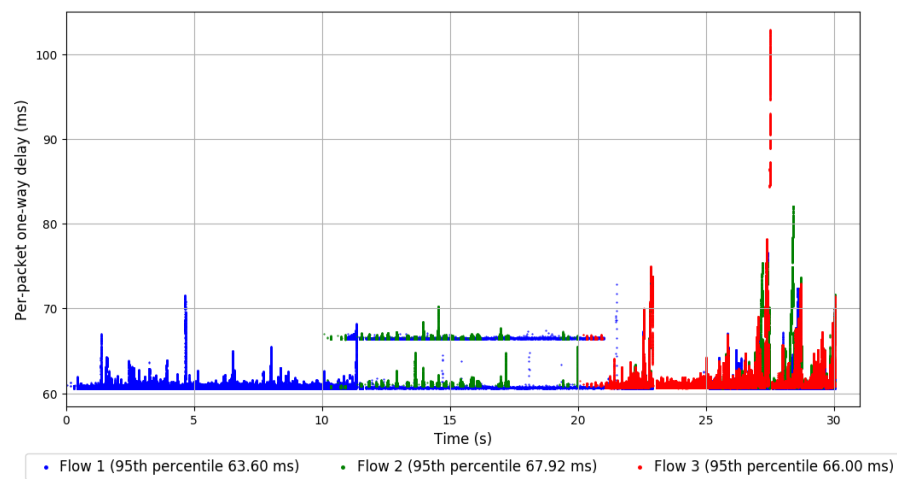
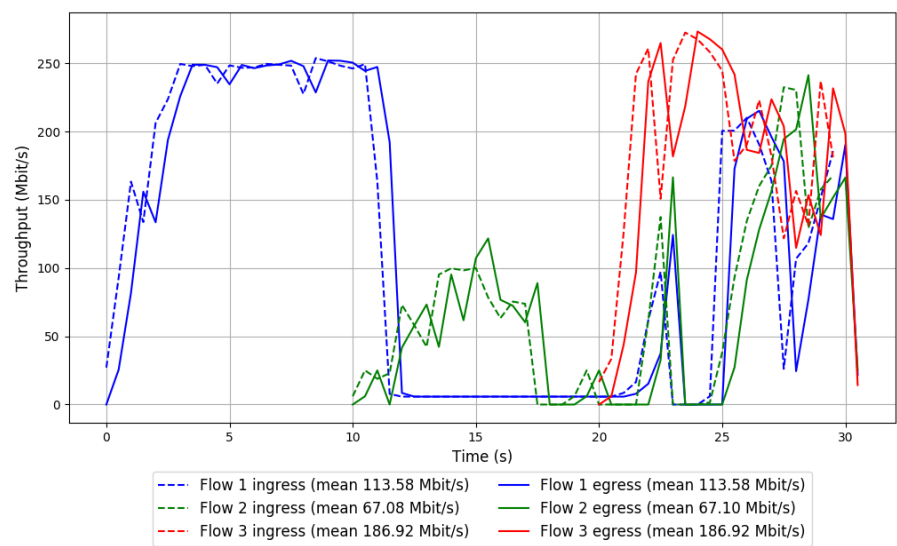


Run 4: Statistics of TaoVA-100x

Start at: 2018-08-02 08:29:59
End at: 2018-08-02 08:30:29
Local clock offset: -0.018 ms
Remote clock offset: -0.295 ms

Below is generated by plot.py at 2018-08-02 13:55:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 220.39 Mbit/s
95th percentile per-packet one-way delay: 66.501 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 113.58 Mbit/s
95th percentile per-packet one-way delay: 63.598 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 67.10 Mbit/s
95th percentile per-packet one-way delay: 67.922 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 186.92 Mbit/s
95th percentile per-packet one-way delay: 65.999 ms
Loss rate: 0.00%

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

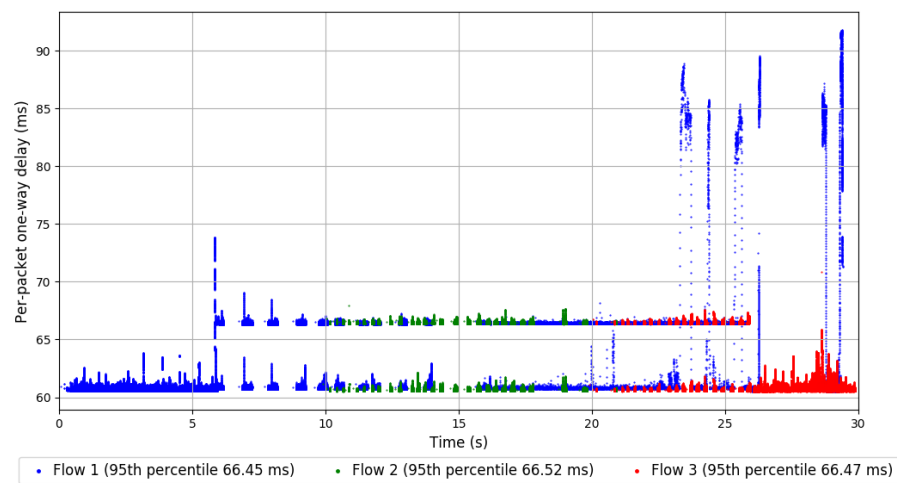
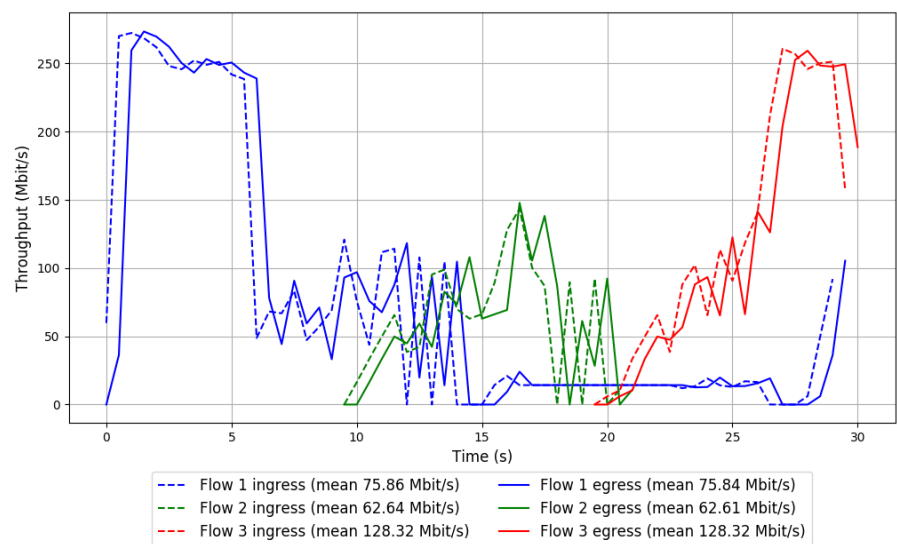


Run 5: Statistics of TaoVA-100x

Start at: 2018-08-02 08:55:04
End at: 2018-08-02 08:55:34
Local clock offset: -0.04 ms
Remote clock offset: -0.356 ms

Below is generated by plot.py at 2018-08-02 13:55:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 140.68 Mbit/s
95th percentile per-packet one-way delay: 66.477 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 75.84 Mbit/s
95th percentile per-packet one-way delay: 66.448 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 62.61 Mbit/s
95th percentile per-packet one-way delay: 66.518 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 128.32 Mbit/s
95th percentile per-packet one-way delay: 66.474 ms
Loss rate: 0.00%

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

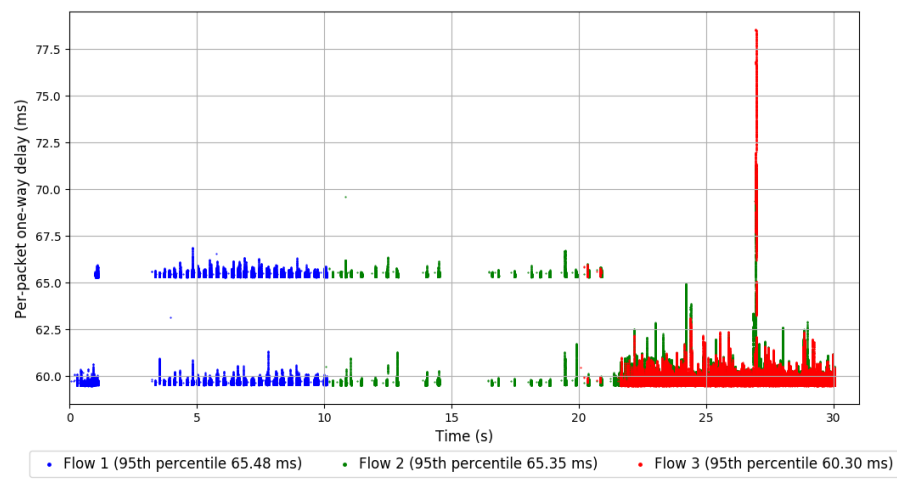
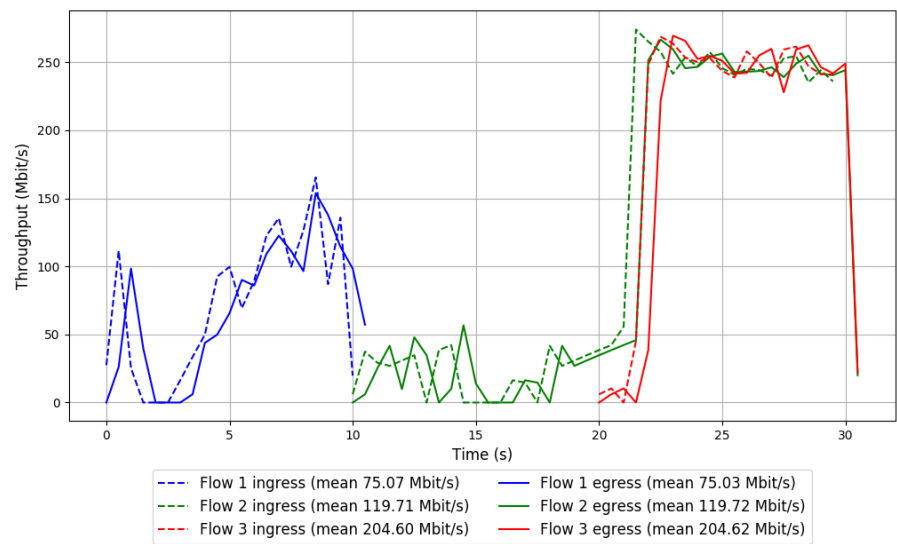


Run 6: Statistics of TaoVA-100x

Start at: 2018-08-02 09:19:59
End at: 2018-08-02 09:20:29
Local clock offset: -0.095 ms
Remote clock offset: -1.378 ms

Below is generated by plot.py at 2018-08-02 13:55:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 172.85 Mbit/s
95th percentile per-packet one-way delay: 65.399 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 75.03 Mbit/s
95th percentile per-packet one-way delay: 65.485 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 119.72 Mbit/s
95th percentile per-packet one-way delay: 65.347 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 204.62 Mbit/s
95th percentile per-packet one-way delay: 60.302 ms
Loss rate: 0.00%

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

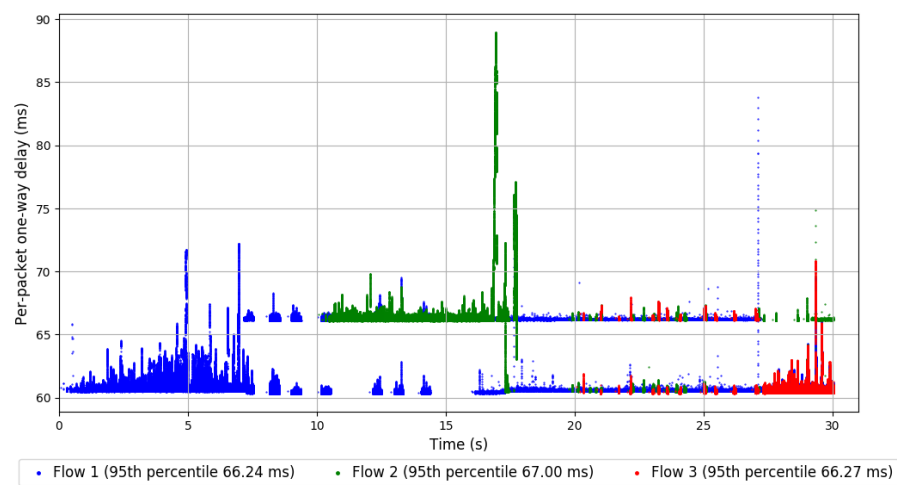
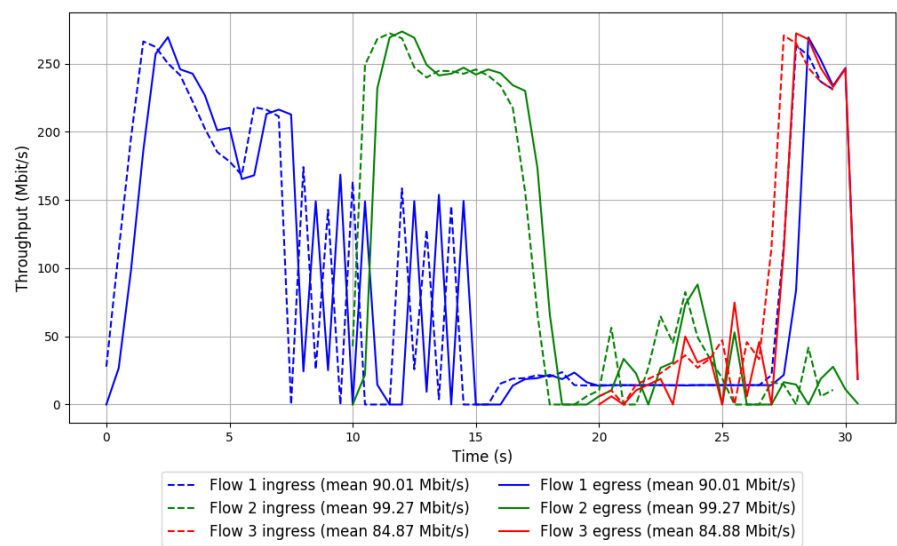


Run 7: Statistics of TaoVA-100x

Start at: 2018-08-02 09:44:53
End at: 2018-08-02 09:45:23
Local clock offset: -0.139 ms
Remote clock offset: -0.533 ms

Below is generated by plot.py at 2018-08-02 13:55:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 184.28 Mbit/s
95th percentile per-packet one-way delay: 66.411 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 90.01 Mbit/s
95th percentile per-packet one-way delay: 66.240 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 99.27 Mbit/s
95th percentile per-packet one-way delay: 67.000 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 84.88 Mbit/s
95th percentile per-packet one-way delay: 66.272 ms
Loss rate: 0.00%

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

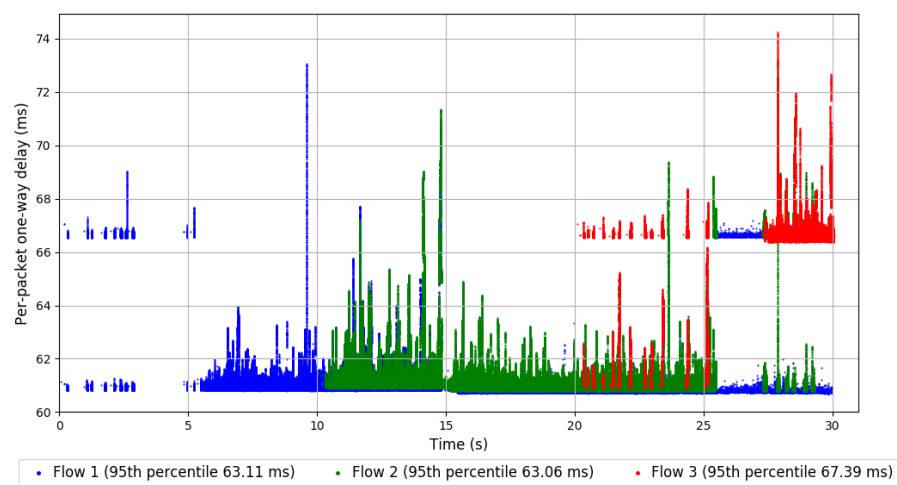
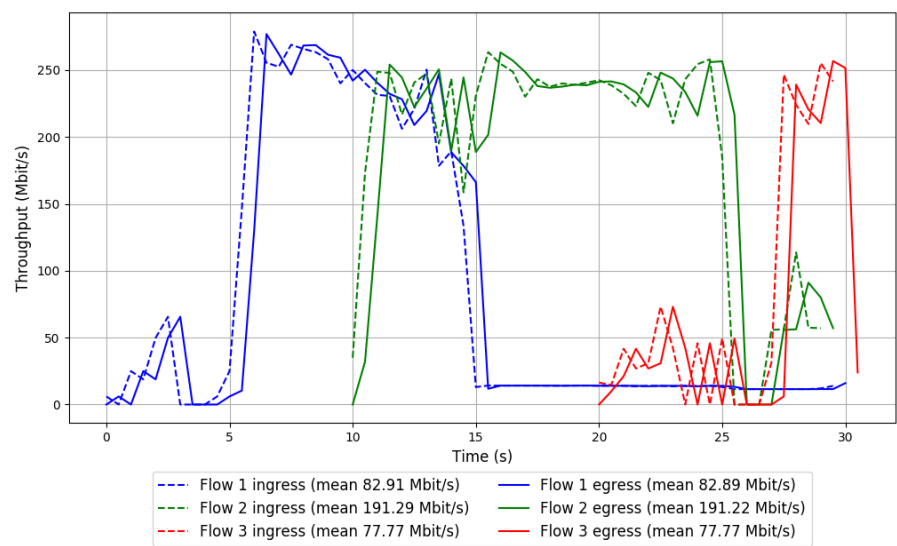


Run 8: Statistics of TaoVA-100x

Start at: 2018-08-02 10:09:45
End at: 2018-08-02 10:10:15
Local clock offset: -0.117 ms
Remote clock offset: -0.084 ms

Below is generated by plot.py at 2018-08-02 13:55:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 231.08 Mbit/s
95th percentile per-packet one-way delay: 66.648 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 82.89 Mbit/s
95th percentile per-packet one-way delay: 63.110 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 191.22 Mbit/s
95th percentile per-packet one-way delay: 63.061 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 77.77 Mbit/s
95th percentile per-packet one-way delay: 67.394 ms
Loss rate: 0.00%

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

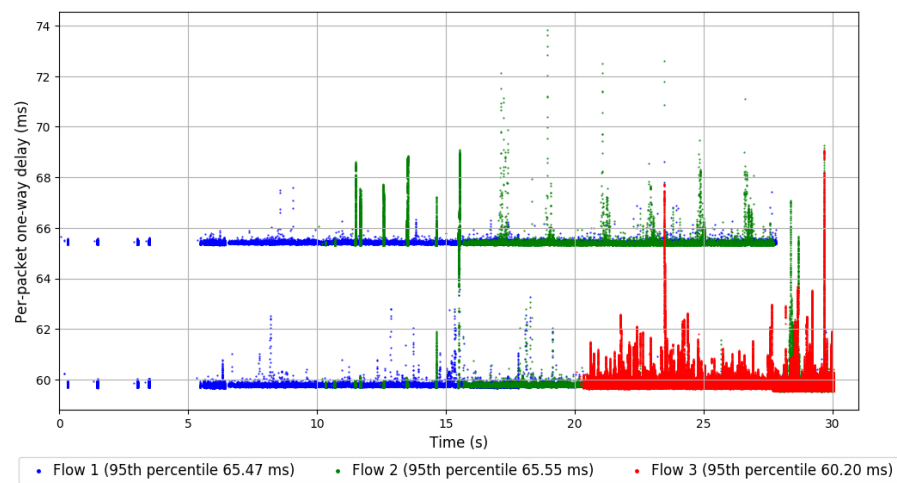
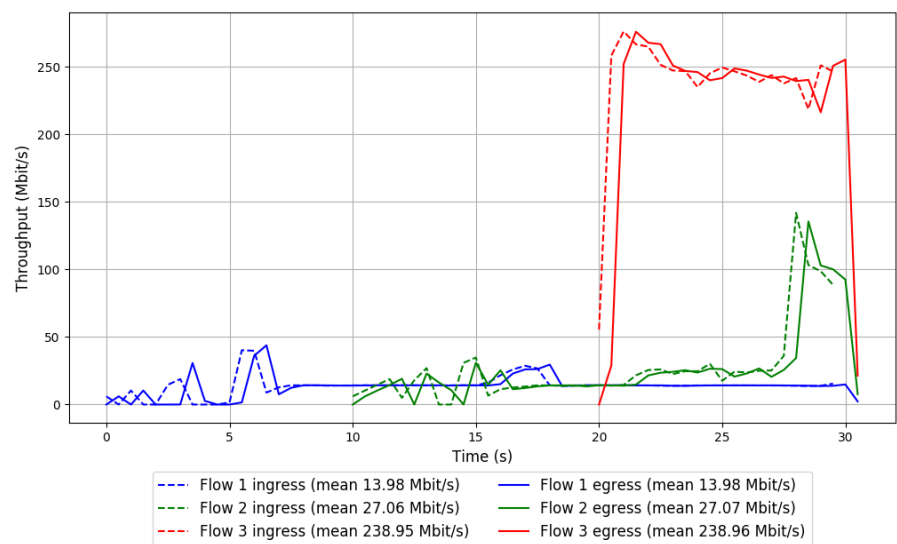


Run 9: Statistics of TaoVA-100x

Start at: 2018-08-02 10:34:42
End at: 2018-08-02 10:35:12
Local clock offset: -0.152 ms
Remote clock offset: -1.367 ms

Below is generated by plot.py at 2018-08-02 13:55:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 111.45 Mbit/s
95th percentile per-packet one-way delay: 65.401 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.98 Mbit/s
95th percentile per-packet one-way delay: 65.469 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 27.07 Mbit/s
95th percentile per-packet one-way delay: 65.549 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 238.96 Mbit/s
95th percentile per-packet one-way delay: 60.195 ms
Loss rate: 0.00%

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

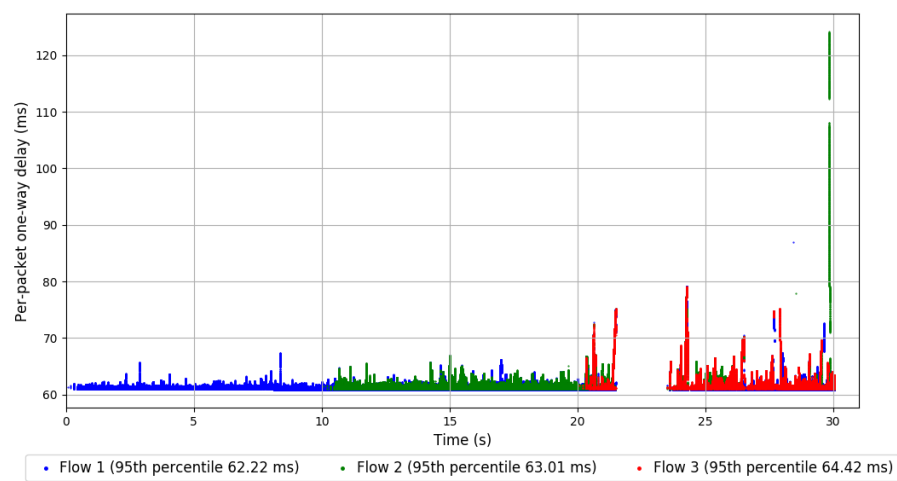
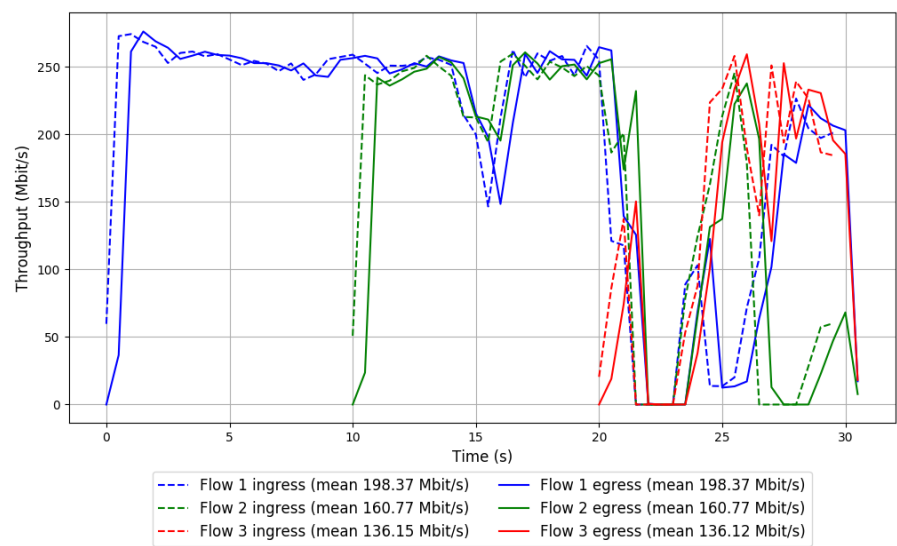


```
Run 10: Statistics of TaoVA-100x

Start at: 2018-08-02 10:59:32
End at: 2018-08-02 11:00:02
Local clock offset: -0.115 ms
Remote clock offset: -0.002 ms

# Below is generated by plot.py at 2018-08-02 14:03:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 350.68 Mbit/s
95th percentile per-packet one-way delay: 62.746 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 198.37 Mbit/s
95th percentile per-packet one-way delay: 62.216 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 160.77 Mbit/s
95th percentile per-packet one-way delay: 63.010 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 136.12 Mbit/s
95th percentile per-packet one-way delay: 64.422 ms
Loss rate: 0.03%
```

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



Run 1: Statistics of TCP Vegas

Start at: 2018-08-02 07:05:55

End at: 2018-08-02 07:06:25

Local clock offset: -0.049 ms

Remote clock offset: 1.138 ms

Below is generated by plot.py at 2018-08-02 14:03:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 171.98 Mbit/s

95th percentile per-packet one-way delay: 63.546 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 112.11 Mbit/s

95th percentile per-packet one-way delay: 63.429 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 63.33 Mbit/s

95th percentile per-packet one-way delay: 63.689 ms

Loss rate: 0.00%

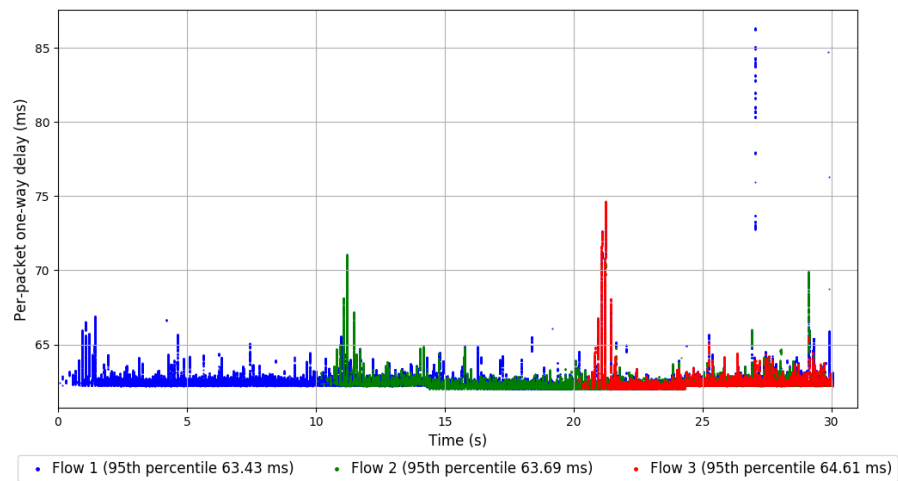
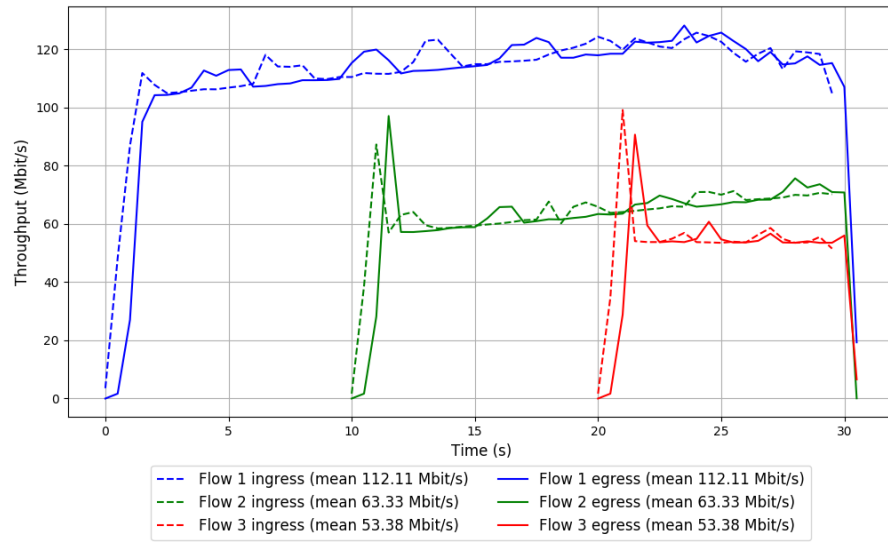
-- Flow 3:

Average throughput: 53.38 Mbit/s

95th percentile per-packet one-way delay: 64.614 ms

Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link

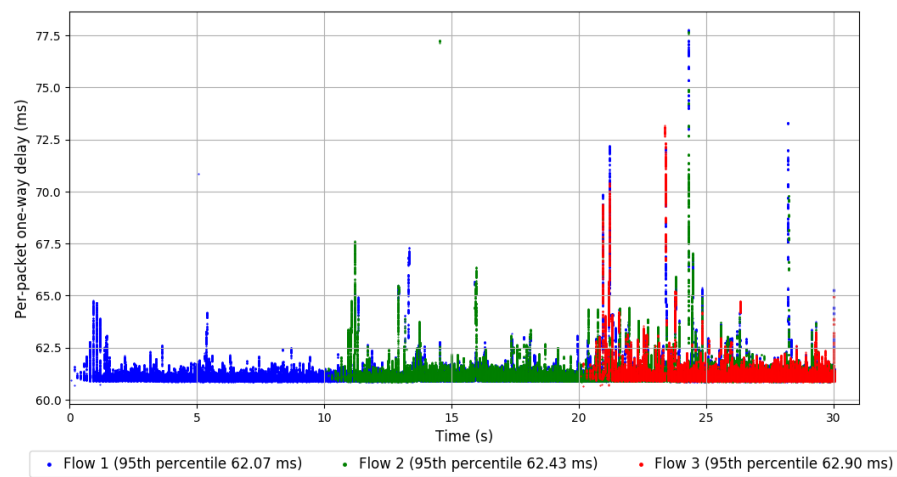
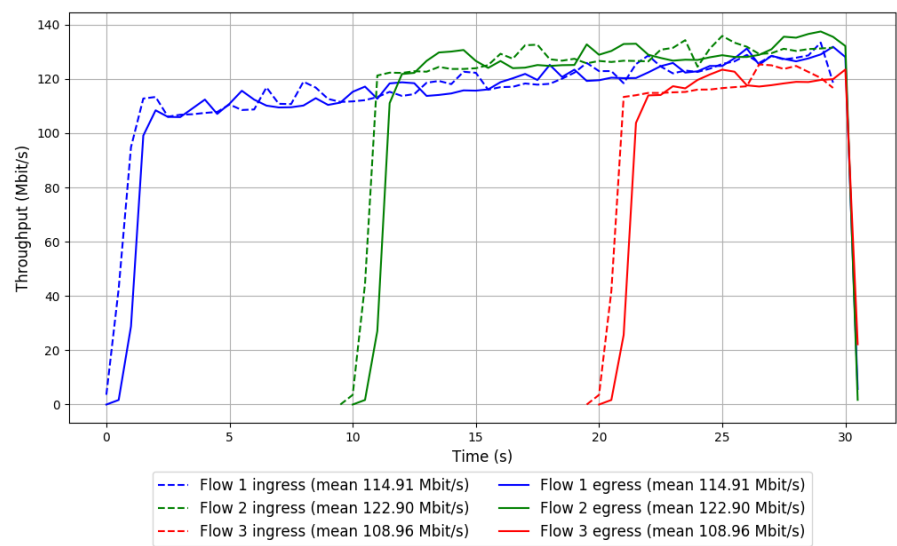


Run 2: Statistics of TCP Vegas

Start at: 2018-08-02 07:30:36
End at: 2018-08-02 07:31:06
Local clock offset: -0.021 ms
Remote clock offset: -0.254 ms

Below is generated by plot.py at 2018-08-02 14:03:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 233.03 Mbit/s
95th percentile per-packet one-way delay: 62.319 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 114.91 Mbit/s
95th percentile per-packet one-way delay: 62.073 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 122.90 Mbit/s
95th percentile per-packet one-way delay: 62.434 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 108.96 Mbit/s
95th percentile per-packet one-way delay: 62.904 ms
Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2018-08-02 07:55:37

End at: 2018-08-02 07:56:07

Local clock offset: 0.0 ms

Remote clock offset: -1.51 ms

Below is generated by plot.py at 2018-08-02 14:03:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 120.66 Mbit/s

95th percentile per-packet one-way delay: 65.731 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 52.86 Mbit/s

95th percentile per-packet one-way delay: 65.616 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 99.77 Mbit/s

95th percentile per-packet one-way delay: 65.836 ms

Loss rate: 0.00%

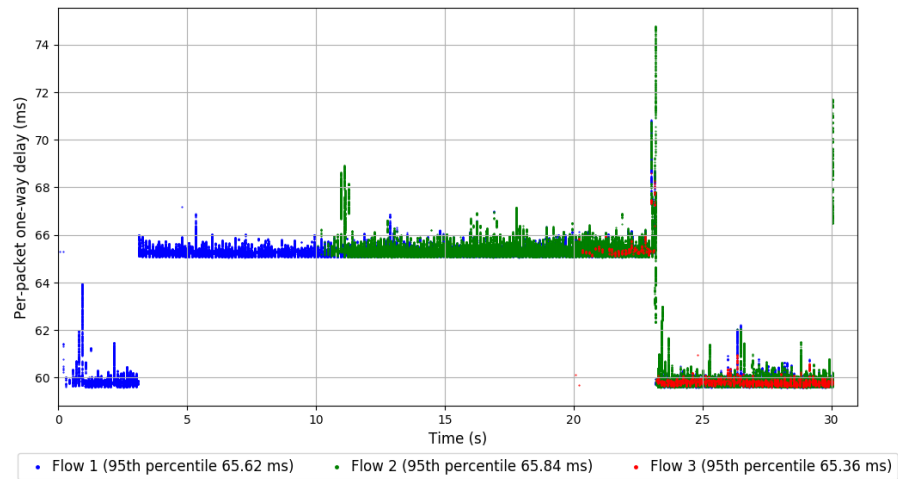
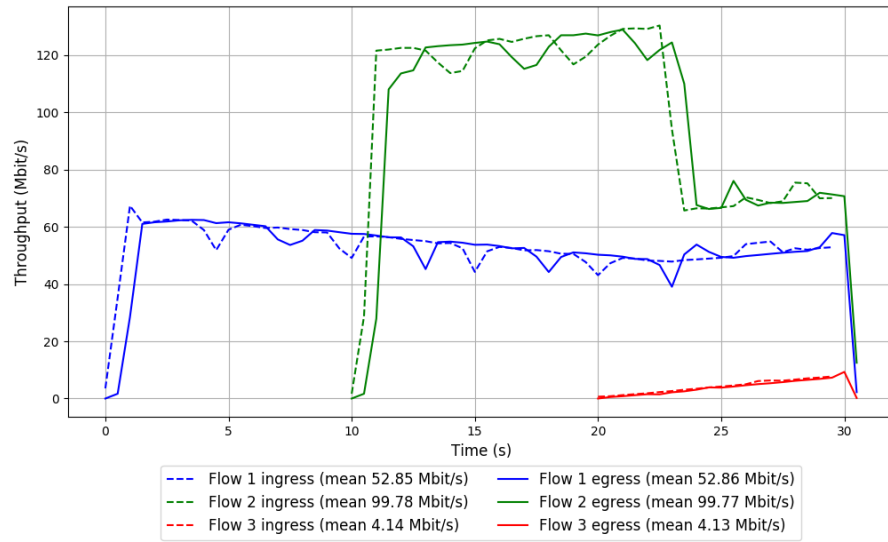
-- Flow 3:

Average throughput: 4.13 Mbit/s

95th percentile per-packet one-way delay: 65.365 ms

Loss rate: 0.15%

Run 3: Report of TCP Vegas — Data Link

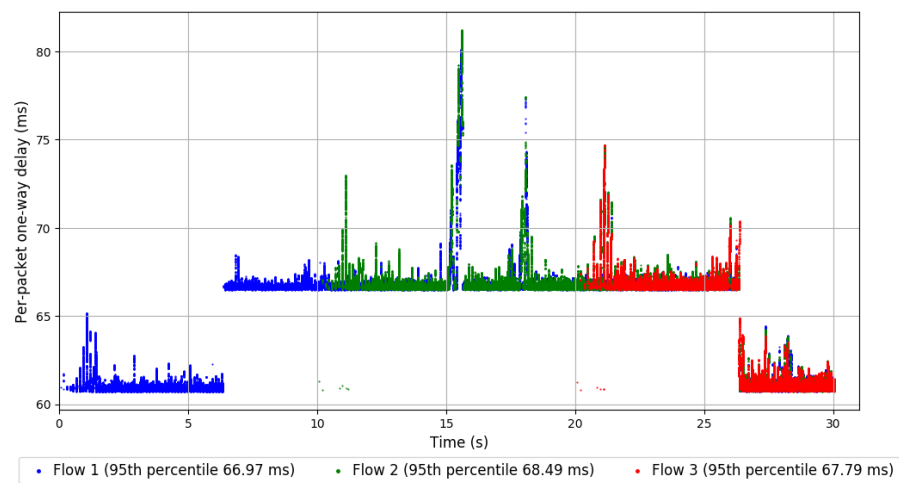
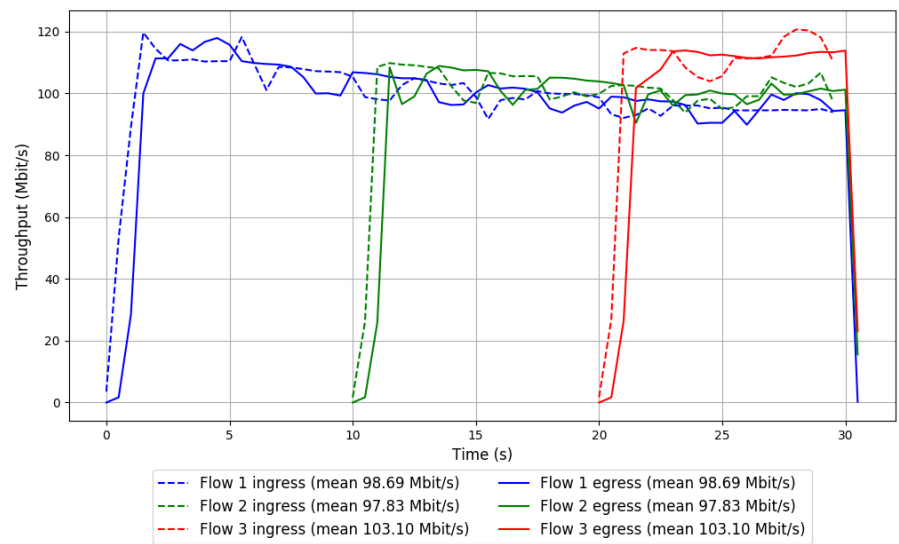


Run 4: Statistics of TCP Vegas

Start at: 2018-08-02 08:20:03
End at: 2018-08-02 08:20:33
Local clock offset: 0.028 ms
Remote clock offset: -0.136 ms

Below is generated by plot.py at 2018-08-02 14:03:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 198.15 Mbit/s
95th percentile per-packet one-way delay: 67.576 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 98.69 Mbit/s
95th percentile per-packet one-way delay: 66.975 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 97.83 Mbit/s
95th percentile per-packet one-way delay: 68.488 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 103.10 Mbit/s
95th percentile per-packet one-way delay: 67.791 ms
Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link

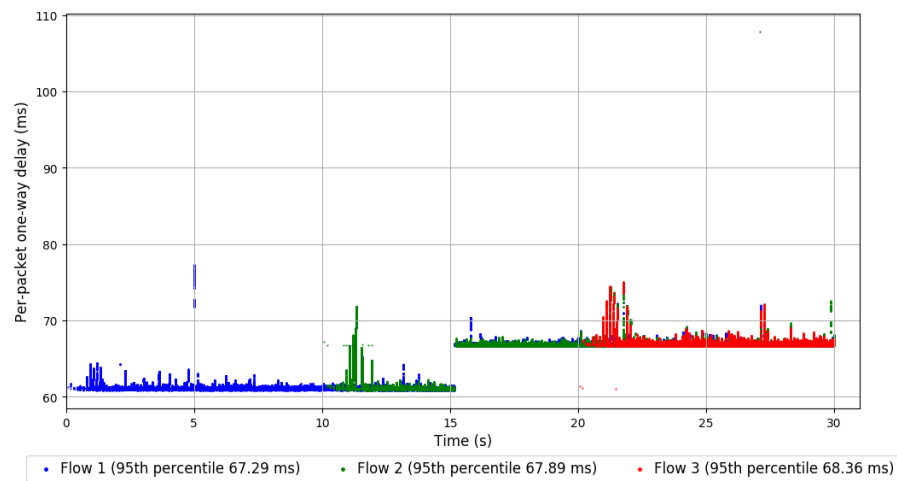
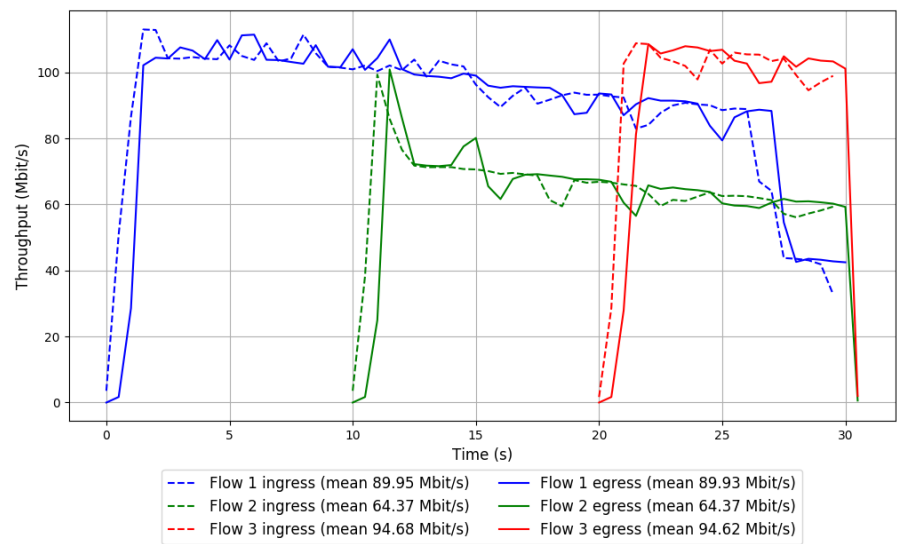


Run 5: Statistics of TCP Vegas

Start at: 2018-08-02 08:44:55
End at: 2018-08-02 08:45:25
Local clock offset: -0.043 ms
Remote clock offset: -0.068 ms

Below is generated by plot.py at 2018-08-02 14:03:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 164.17 Mbit/s
95th percentile per-packet one-way delay: 67.668 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.93 Mbit/s
95th percentile per-packet one-way delay: 67.287 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 64.37 Mbit/s
95th percentile per-packet one-way delay: 67.895 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 94.62 Mbit/s
95th percentile per-packet one-way delay: 68.356 ms
Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link

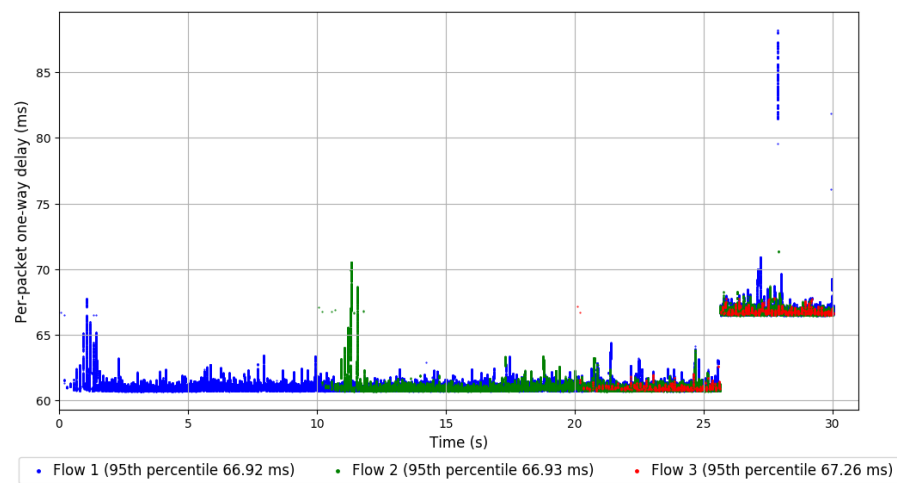
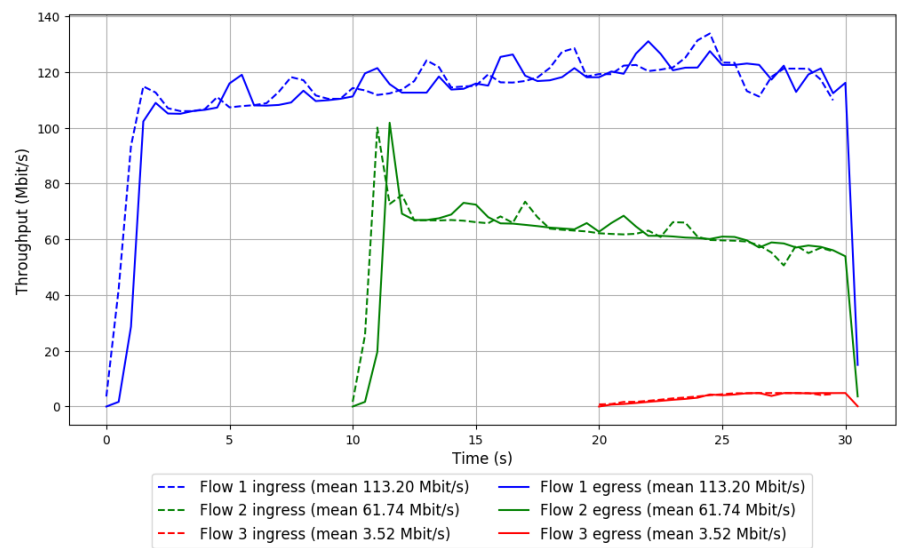


Run 6: Statistics of TCP Vegas

Start at: 2018-08-02 09:09:54
End at: 2018-08-02 09:10:24
Local clock offset: -0.048 ms
Remote clock offset: -0.196 ms

Below is generated by plot.py at 2018-08-02 14:03:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 155.44 Mbit/s
95th percentile per-packet one-way delay: 66.925 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 113.20 Mbit/s
95th percentile per-packet one-way delay: 66.916 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 61.74 Mbit/s
95th percentile per-packet one-way delay: 66.928 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.52 Mbit/s
95th percentile per-packet one-way delay: 67.263 ms
Loss rate: 0.10%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: 2018-08-02 09:34:56

End at: 2018-08-02 09:35:26

Local clock offset: -0.067 ms

Remote clock offset: 1.174 ms

Below is generated by plot.py at 2018-08-02 14:03:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 117.34 Mbit/s

95th percentile per-packet one-way delay: 68.198 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 54.33 Mbit/s

95th percentile per-packet one-way delay: 68.101 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 49.97 Mbit/s

95th percentile per-packet one-way delay: 68.221 ms

Loss rate: 0.00%

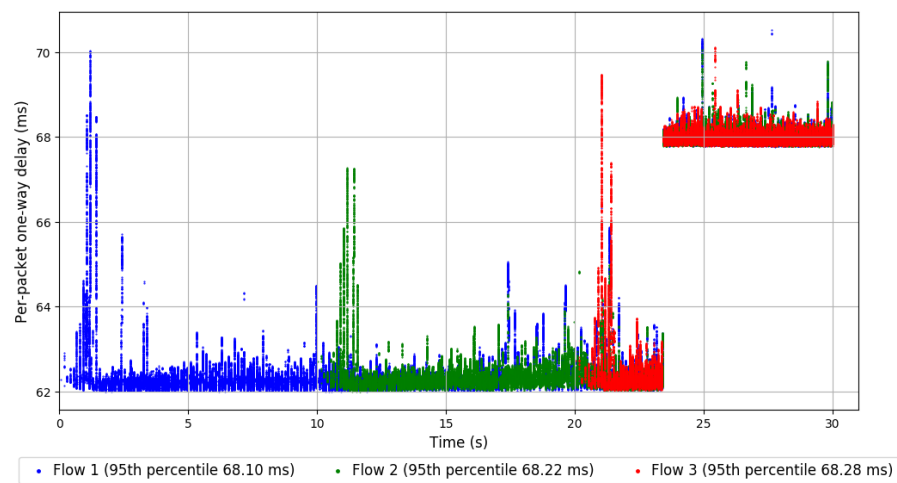
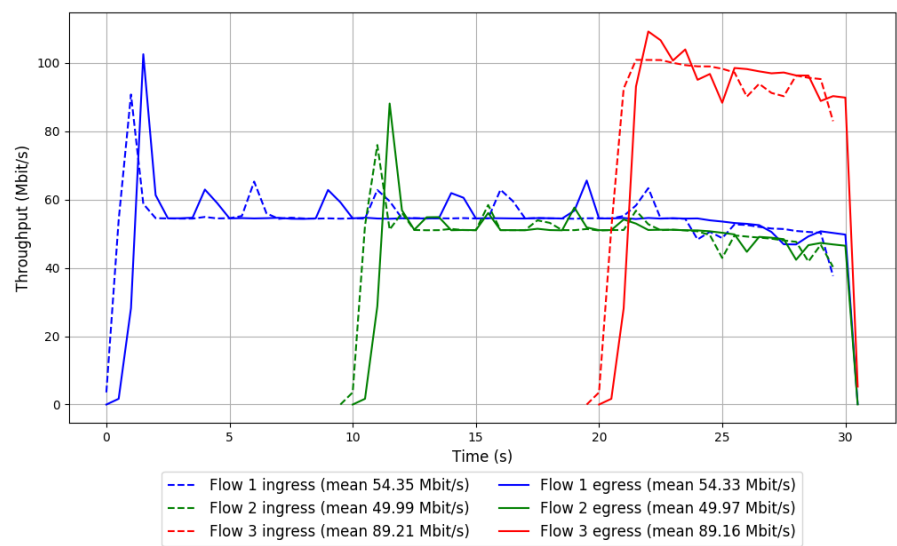
-- Flow 3:

Average throughput: 89.16 Mbit/s

95th percentile per-packet one-way delay: 68.276 ms

Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link

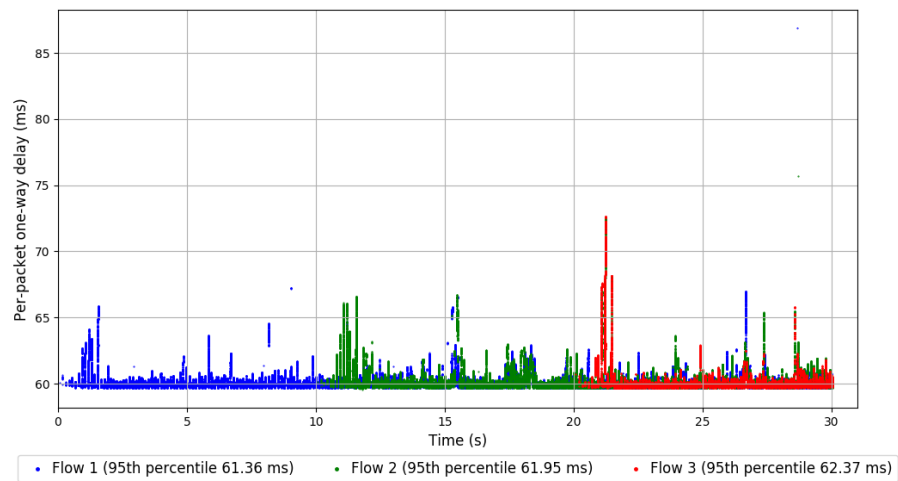
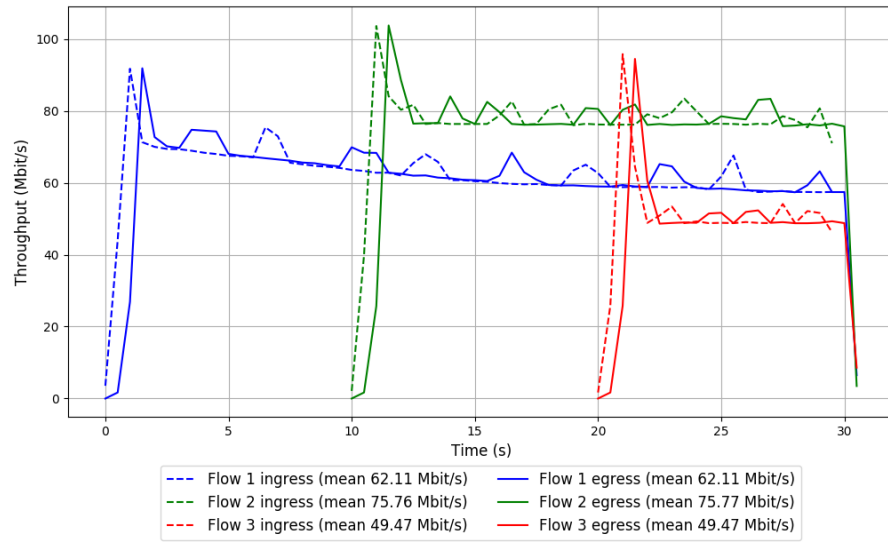


Run 8: Statistics of TCP Vegas

Start at: 2018-08-02 09:59:45
End at: 2018-08-02 10:00:15
Local clock offset: -0.163 ms
Remote clock offset: -1.345 ms

Below is generated by plot.py at 2018-08-02 14:03:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 128.93 Mbit/s
95th percentile per-packet one-way delay: 61.728 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 62.11 Mbit/s
95th percentile per-packet one-way delay: 61.357 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 75.77 Mbit/s
95th percentile per-packet one-way delay: 61.946 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 49.47 Mbit/s
95th percentile per-packet one-way delay: 62.374 ms
Loss rate: 0.00%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2018-08-02 10:24:44

End at: 2018-08-02 10:25:14

Local clock offset: -0.153 ms

Remote clock offset: 0.117 ms

Below is generated by plot.py at 2018-08-02 14:03:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 101.23 Mbit/s

95th percentile per-packet one-way delay: 67.657 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 47.01 Mbit/s

95th percentile per-packet one-way delay: 67.821 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 54.56 Mbit/s

95th percentile per-packet one-way delay: 67.550 ms

Loss rate: 0.00%

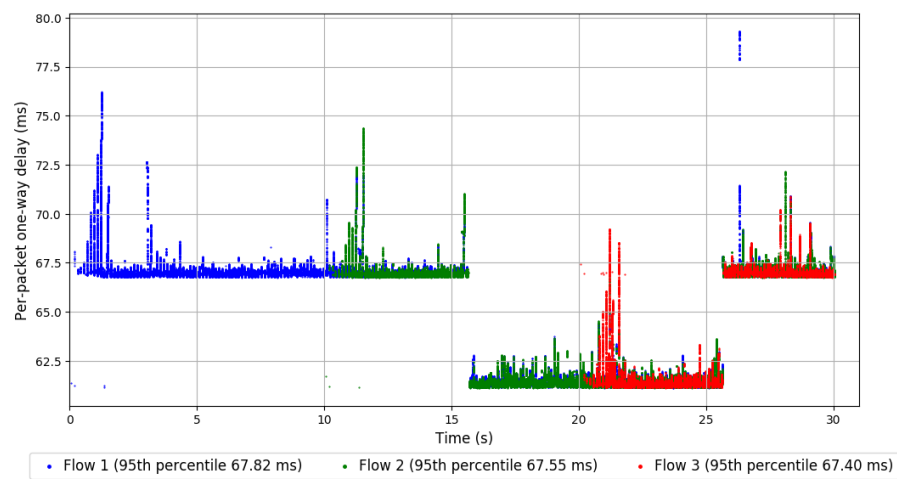
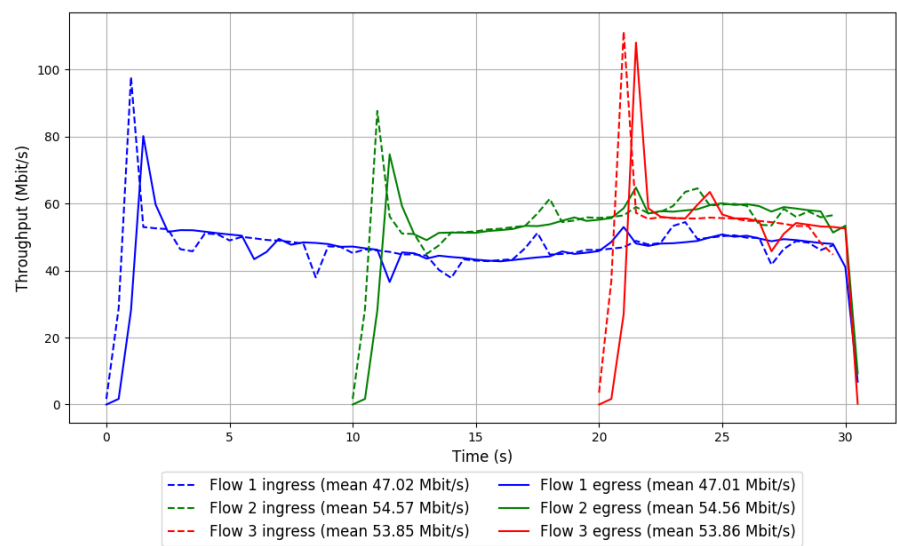
-- Flow 3:

Average throughput: 53.86 Mbit/s

95th percentile per-packet one-way delay: 67.400 ms

Loss rate: 0.00%

Run 9: Report of TCP Vegas — Data Link

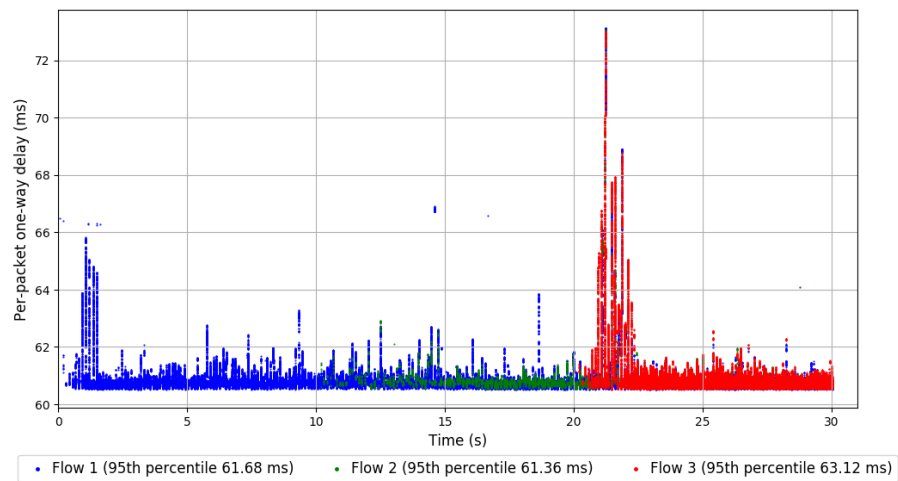
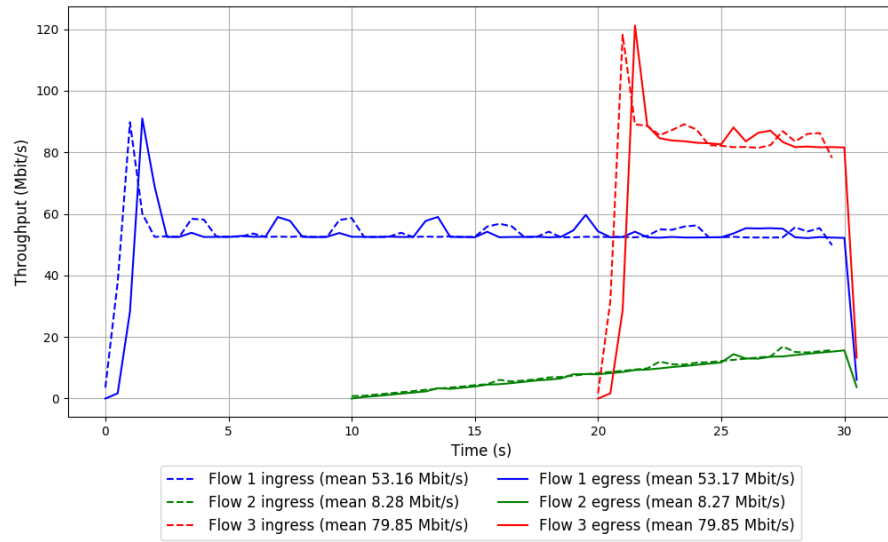


Run 10: Statistics of TCP Vegas

Start at: 2018-08-02 10:49:25
End at: 2018-08-02 10:49:55
Local clock offset: -0.174 ms
Remote clock offset: -0.507 ms

Below is generated by plot.py at 2018-08-02 14:03:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.21 Mbit/s
95th percentile per-packet one-way delay: 62.047 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.17 Mbit/s
95th percentile per-packet one-way delay: 61.681 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.27 Mbit/s
95th percentile per-packet one-way delay: 61.363 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 79.85 Mbit/s
95th percentile per-packet one-way delay: 63.121 ms
Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2018-08-02 07:08:24

End at: 2018-08-02 07:08:54

Local clock offset: -0.064 ms

Remote clock offset: -0.06 ms

Below is generated by plot.py at 2018-08-02 14:03:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 331.46 Mbit/s

95th percentile per-packet one-way delay: 122.037 ms

Loss rate: 0.19%

-- Flow 1:

Average throughput: 236.02 Mbit/s

95th percentile per-packet one-way delay: 116.666 ms

Loss rate: 0.27%

-- Flow 2:

Average throughput: 103.36 Mbit/s

95th percentile per-packet one-way delay: 123.416 ms

Loss rate: 0.00%

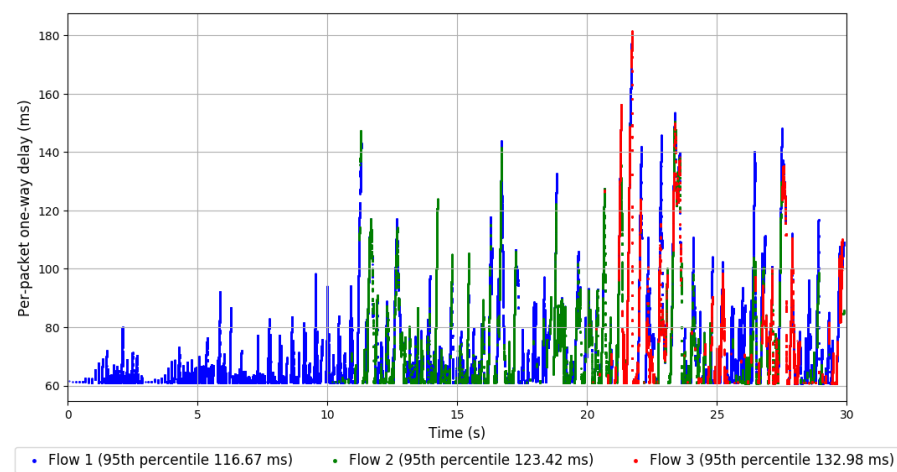
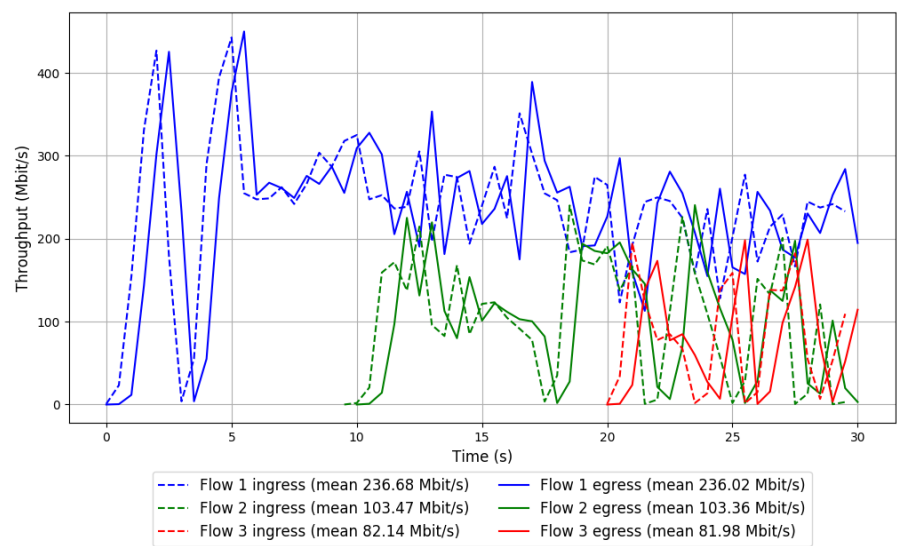
-- Flow 3:

Average throughput: 81.98 Mbit/s

95th percentile per-packet one-way delay: 132.977 ms

Loss rate: 0.00%

Run 1: Report of Verus — Data Link

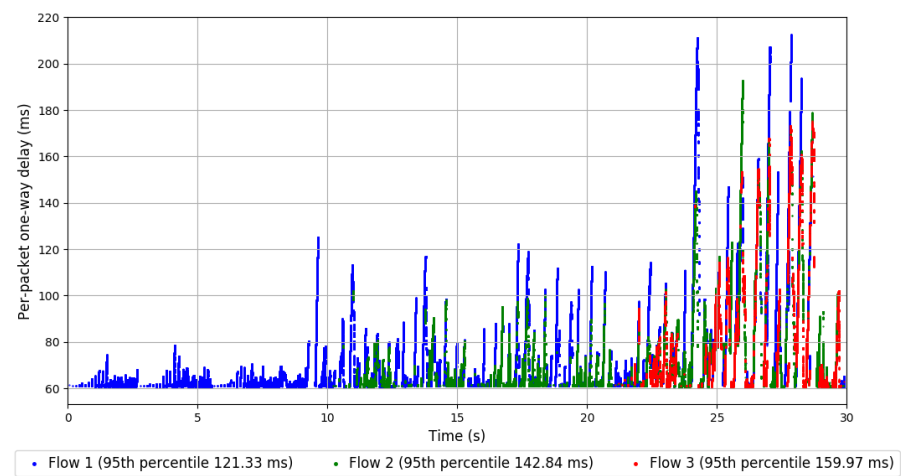
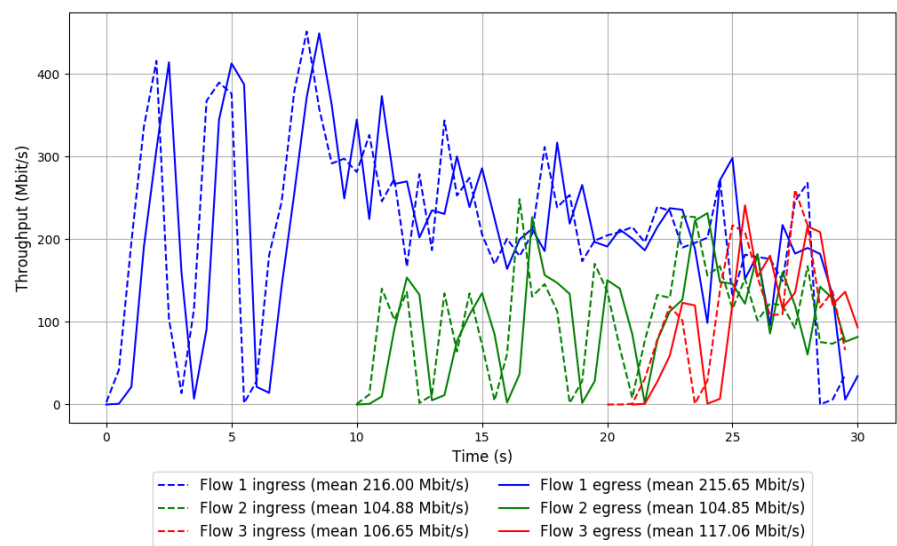


Run 2: Statistics of Verus

Start at: 2018-08-02 07:33:07
End at: 2018-08-02 07:33:37
Local clock offset: -0.021 ms
Remote clock offset: -0.033 ms

Below is generated by plot.py at 2018-08-02 14:03:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 319.70 Mbit/s
95th percentile per-packet one-way delay: 140.400 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 215.65 Mbit/s
95th percentile per-packet one-way delay: 121.332 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 104.85 Mbit/s
95th percentile per-packet one-way delay: 142.837 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 117.06 Mbit/s
95th percentile per-packet one-way delay: 159.972 ms
Loss rate: 1.40%

Run 2: Report of Verus — Data Link

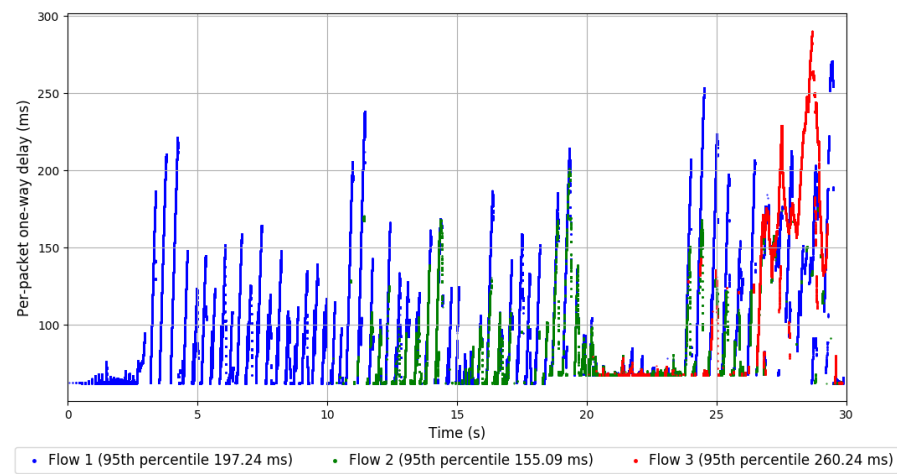
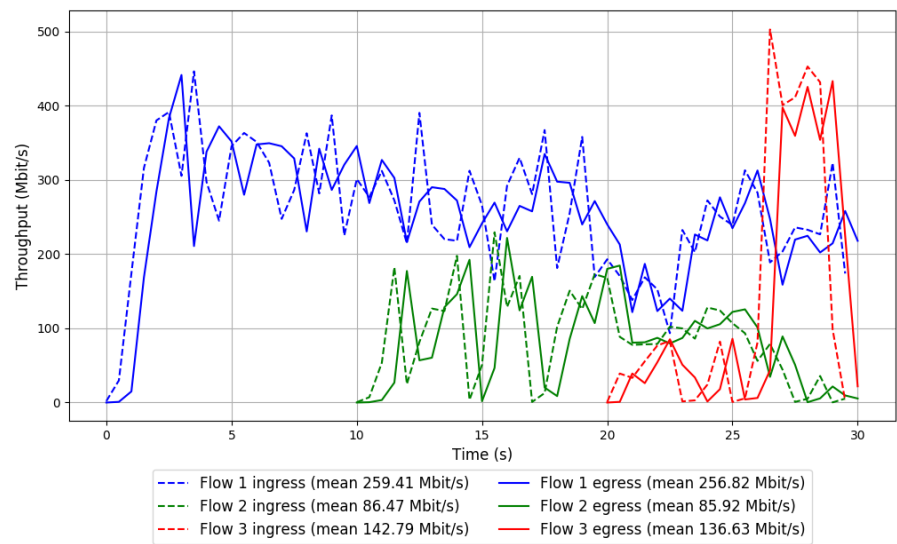


Run 3: Statistics of Verus

Start at: 2018-08-02 07:58:01
End at: 2018-08-02 07:58:31
Local clock offset: -0.035 ms
Remote clock offset: 1.125 ms

Below is generated by plot.py at 2018-08-02 14:04:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 358.20 Mbit/s
95th percentile per-packet one-way delay: 206.028 ms
Loss rate: 1.37%
-- Flow 1:
Average throughput: 256.82 Mbit/s
95th percentile per-packet one-way delay: 197.237 ms
Loss rate: 0.99%
-- Flow 2:
Average throughput: 85.92 Mbit/s
95th percentile per-packet one-way delay: 155.094 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 136.63 Mbit/s
95th percentile per-packet one-way delay: 260.239 ms
Loss rate: 4.37%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2018-08-02 08:22:32

End at: 2018-08-02 08:23:02

Local clock offset: -0.013 ms

Remote clock offset: -0.38 ms

Below is generated by plot.py at 2018-08-02 14:04:00

Datalink statistics

-- Total of 3 flows:

Average throughput: 322.50 Mbit/s

95th percentile per-packet one-way delay: 100.397 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 159.43 Mbit/s

95th percentile per-packet one-way delay: 94.292 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 168.06 Mbit/s

95th percentile per-packet one-way delay: 98.321 ms

Loss rate: 0.00%

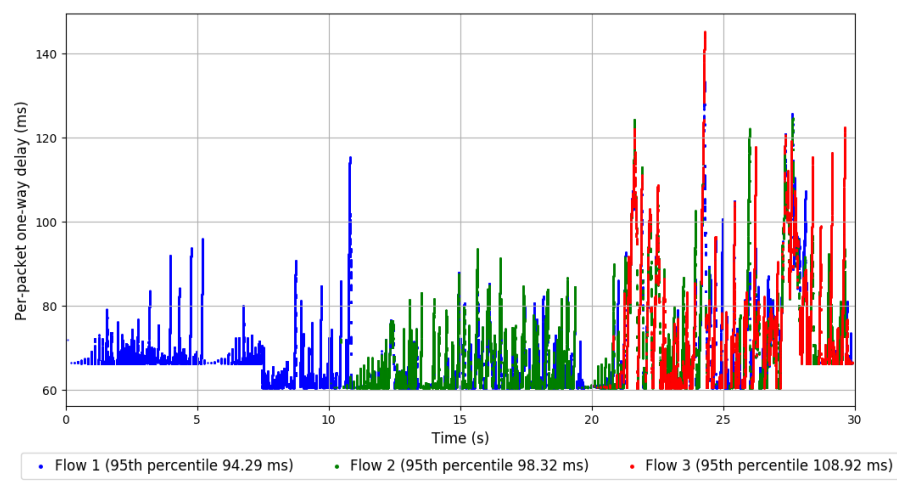
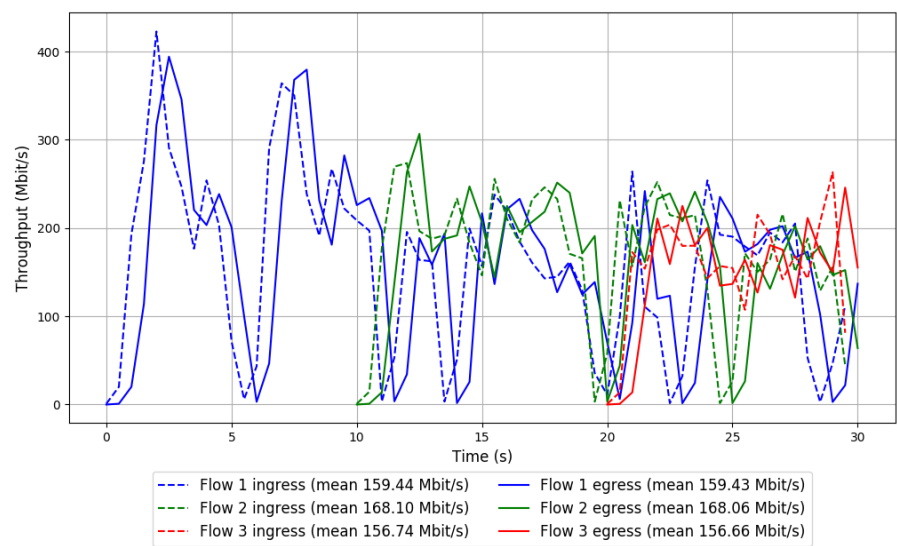
-- Flow 3:

Average throughput: 156.66 Mbit/s

95th percentile per-packet one-way delay: 108.924 ms

Loss rate: 0.00%

Run 4: Report of Verus — Data Link

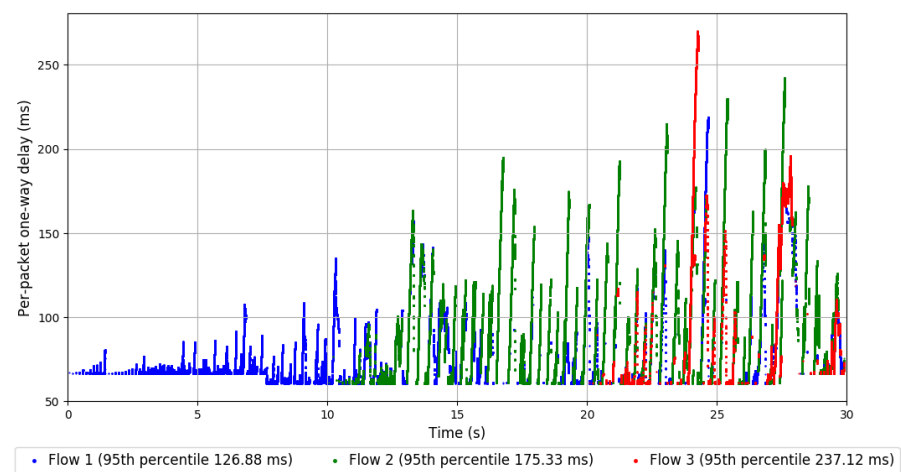
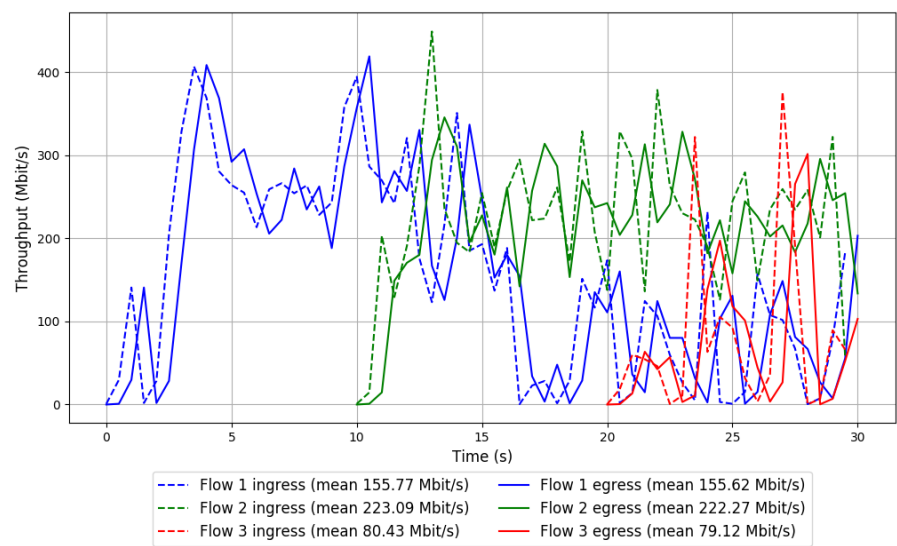


Run 5: Statistics of Verus

Start at: 2018-08-02 08:47:22
End at: 2018-08-02 08:47:52
Local clock offset: -0.024 ms
Remote clock offset: -0.149 ms

Below is generated by plot.py at 2018-08-02 14:04:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 329.38 Mbit/s
95th percentile per-packet one-way delay: 170.154 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 155.62 Mbit/s
95th percentile per-packet one-way delay: 126.883 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 222.27 Mbit/s
95th percentile per-packet one-way delay: 175.328 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 79.12 Mbit/s
95th percentile per-packet one-way delay: 237.119 ms
Loss rate: 1.51%

Run 5: Report of Verus — Data Link

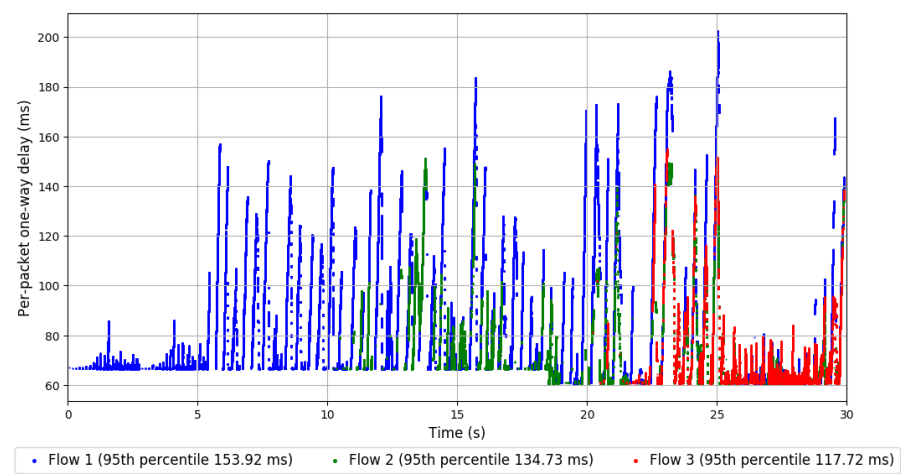
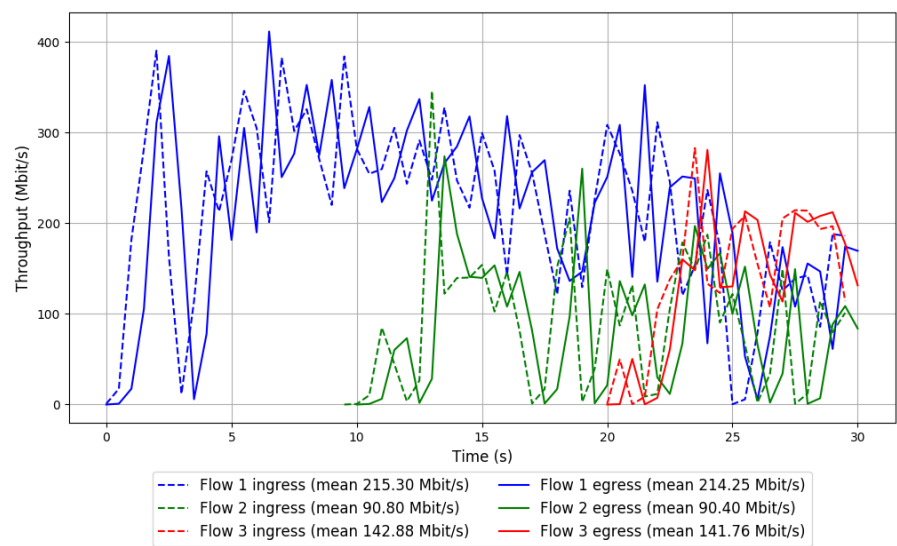


Run 6: Statistics of Verus

Start at: 2018-08-02 09:12:21
End at: 2018-08-02 09:12:51
Local clock offset: -0.03 ms
Remote clock offset: -0.145 ms

Below is generated by plot.py at 2018-08-02 14:04:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 320.94 Mbit/s
95th percentile per-packet one-way delay: 146.226 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 214.25 Mbit/s
95th percentile per-packet one-way delay: 153.923 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 90.40 Mbit/s
95th percentile per-packet one-way delay: 134.730 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 141.76 Mbit/s
95th percentile per-packet one-way delay: 117.719 ms
Loss rate: 0.75%

Run 6: Report of Verus — Data Link

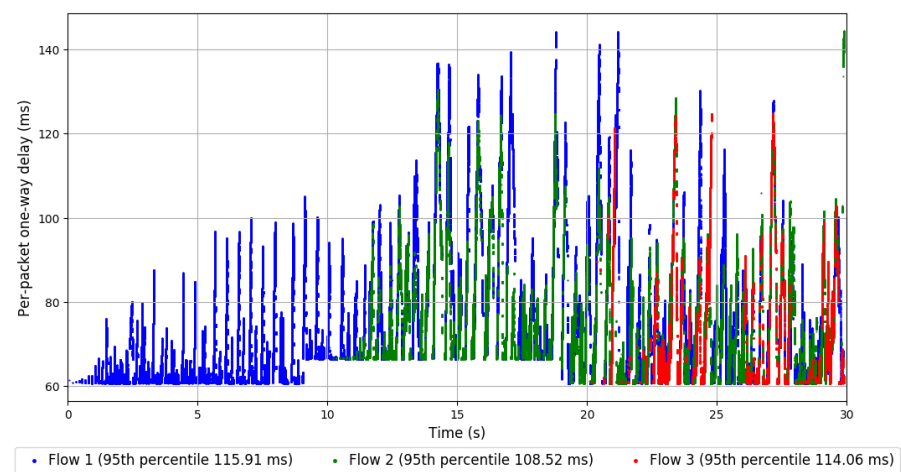
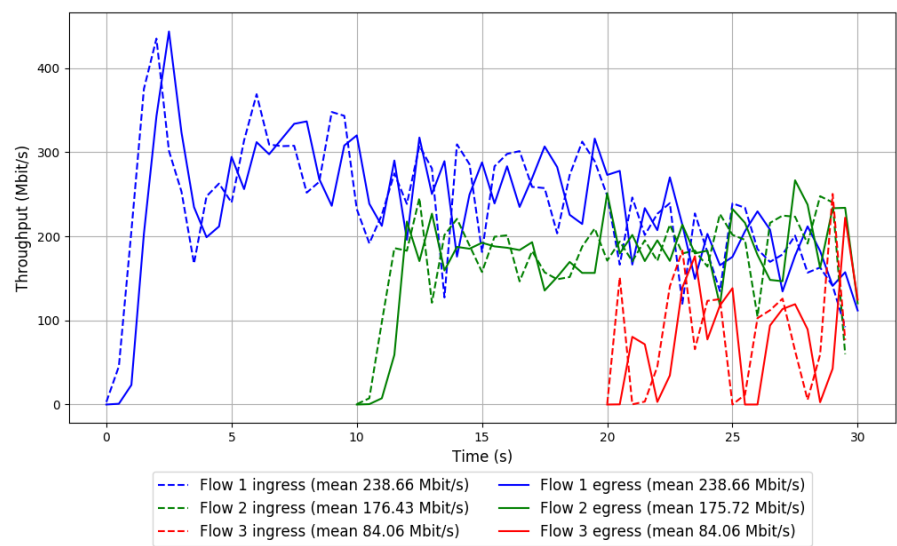


Run 7: Statistics of Verus

Start at: 2018-08-02 09:37:21
End at: 2018-08-02 09:37:51
Local clock offset: -0.094 ms
Remote clock offset: -0.162 ms

Below is generated by plot.py at 2018-08-02 14:05:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 382.80 Mbit/s
95th percentile per-packet one-way delay: 113.948 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 238.66 Mbit/s
95th percentile per-packet one-way delay: 115.909 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 175.72 Mbit/s
95th percentile per-packet one-way delay: 108.520 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 84.06 Mbit/s
95th percentile per-packet one-way delay: 114.063 ms
Loss rate: 0.00%

Run 7: Report of Verus — Data Link

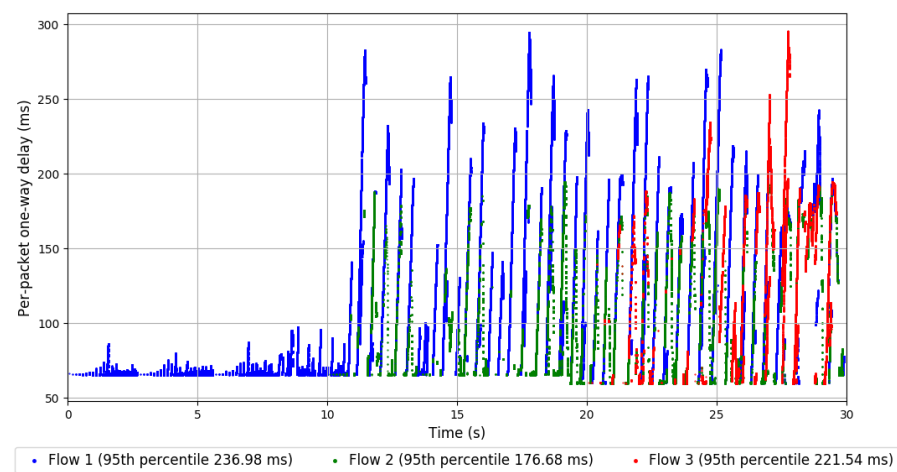
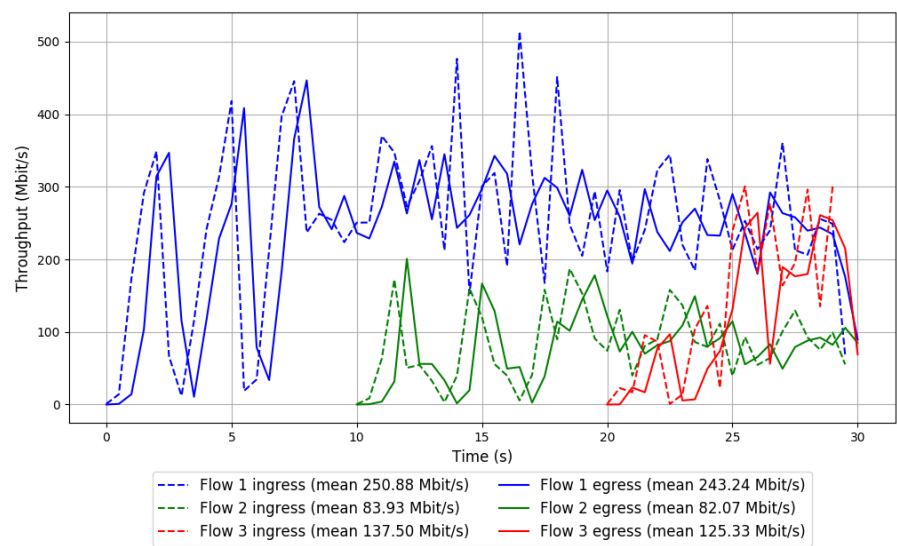


Run 8: Statistics of Verus

Start at: 2018-08-02 10:02:10
End at: 2018-08-02 10:02:40
Local clock offset: -0.129 ms
Remote clock offset: -1.368 ms

Below is generated by plot.py at 2018-08-02 14:08:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 337.69 Mbit/s
95th percentile per-packet one-way delay: 228.541 ms
Loss rate: 3.50%
-- Flow 1:
Average throughput: 243.24 Mbit/s
95th percentile per-packet one-way delay: 236.979 ms
Loss rate: 3.05%
-- Flow 2:
Average throughput: 82.07 Mbit/s
95th percentile per-packet one-way delay: 176.682 ms
Loss rate: 2.20%
-- Flow 3:
Average throughput: 125.33 Mbit/s
95th percentile per-packet one-way delay: 221.541 ms
Loss rate: 7.76%

Run 8: Report of Verus — Data Link

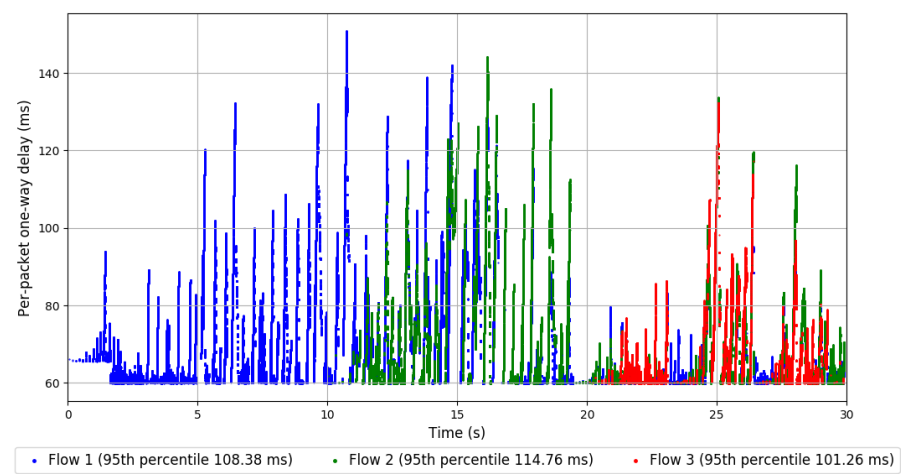
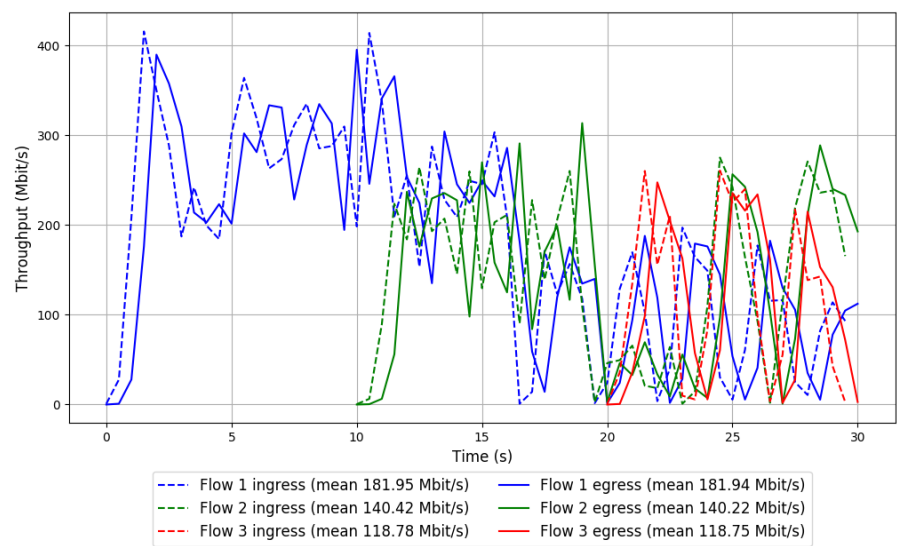


Run 9: Statistics of Verus

Start at: 2018-08-02 10:27:08
End at: 2018-08-02 10:27:38
Local clock offset: -0.161 ms
Remote clock offset: -1.105 ms

Below is generated by plot.py at 2018-08-02 14:08:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 314.11 Mbit/s
95th percentile per-packet one-way delay: 110.483 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 181.94 Mbit/s
95th percentile per-packet one-way delay: 108.378 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 140.22 Mbit/s
95th percentile per-packet one-way delay: 114.763 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 118.75 Mbit/s
95th percentile per-packet one-way delay: 101.257 ms
Loss rate: 0.01%

Run 9: Report of Verus — Data Link

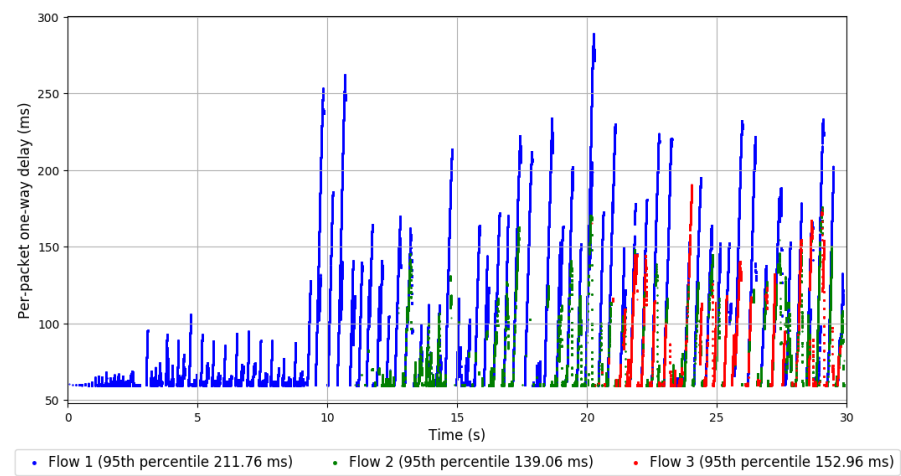
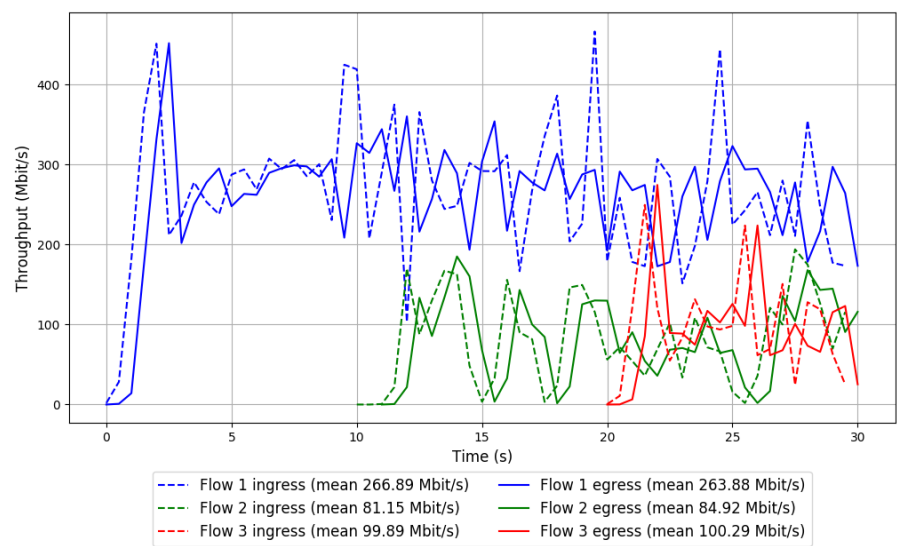


Run 10: Statistics of Verus

Start at: 2018-08-02 10:51:47
End at: 2018-08-02 10:52:17
Local clock offset: -0.134 ms
Remote clock offset: -1.525 ms

Below is generated by plot.py at 2018-08-02 14:09:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 349.33 Mbit/s
95th percentile per-packet one-way delay: 201.880 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 263.88 Mbit/s
95th percentile per-packet one-way delay: 211.763 ms
Loss rate: 0.96%
-- Flow 2:
Average throughput: 84.92 Mbit/s
95th percentile per-packet one-way delay: 139.060 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 100.29 Mbit/s
95th percentile per-packet one-way delay: 152.961 ms
Loss rate: 0.44%

Run 10: Report of Verus — Data Link



Run 1: Statistics of PCC-Vivace

Start at: 2018-08-02 07:09:56

End at: 2018-08-02 07:10:26

Local clock offset: -0.038 ms

Remote clock offset: -0.15 ms

Below is generated by plot.py at 2018-08-02 14:12:06

Datalink statistics

-- Total of 3 flows:

Average throughput: 445.03 Mbit/s

95th percentile per-packet one-way delay: 61.723 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 289.40 Mbit/s

95th percentile per-packet one-way delay: 62.032 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 208.09 Mbit/s

95th percentile per-packet one-way delay: 61.313 ms

Loss rate: 0.00%

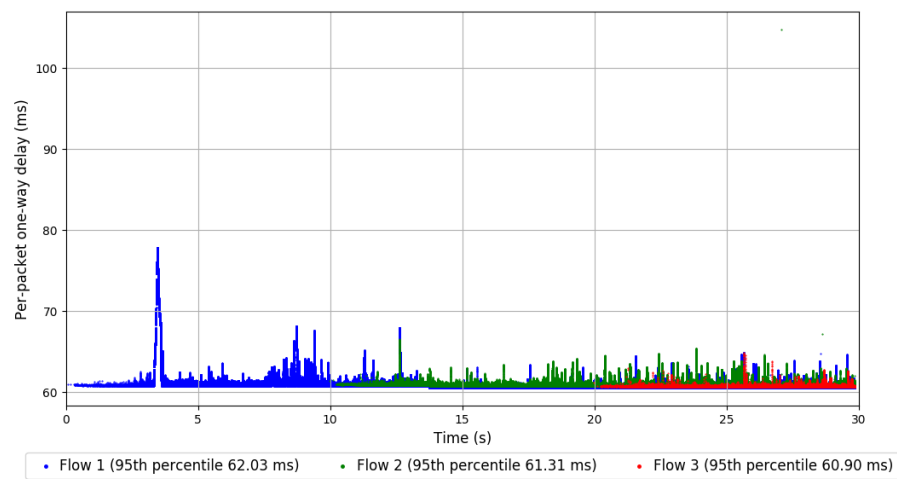
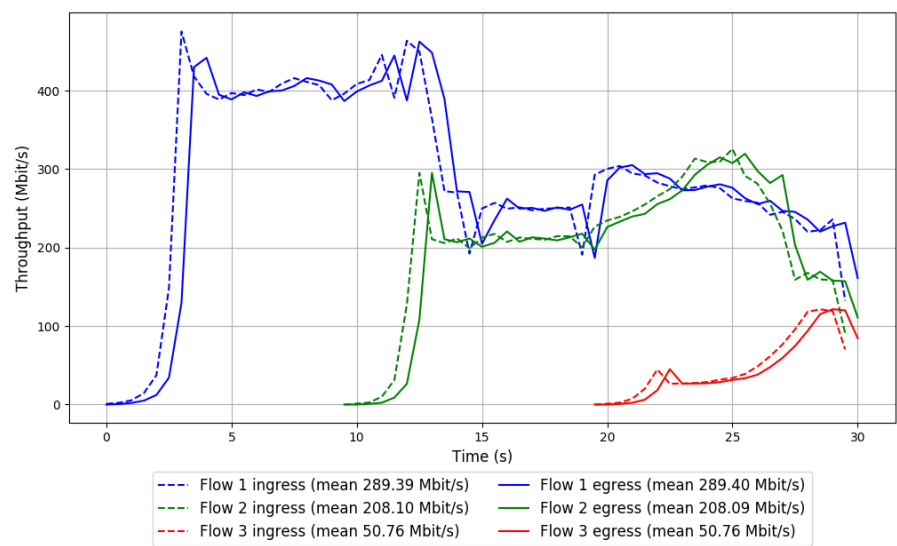
-- Flow 3:

Average throughput: 50.76 Mbit/s

95th percentile per-packet one-way delay: 60.899 ms

Loss rate: 0.00%

Run 1: Report of PCC-Vivace — Data Link

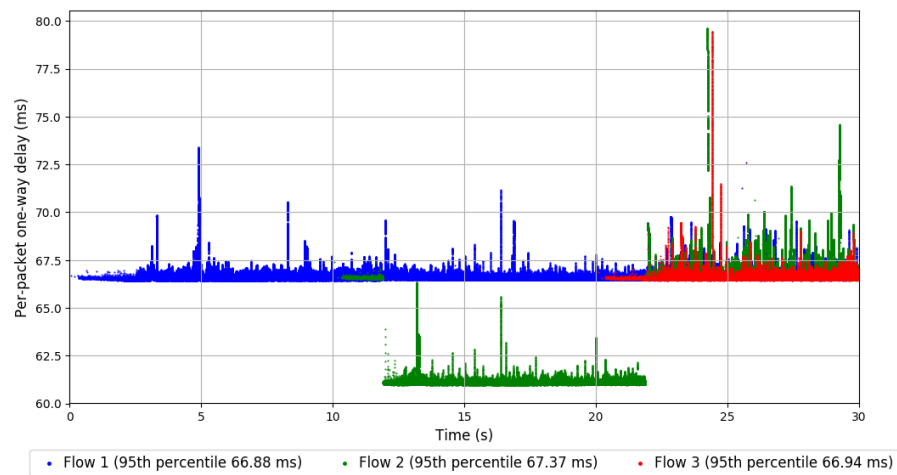
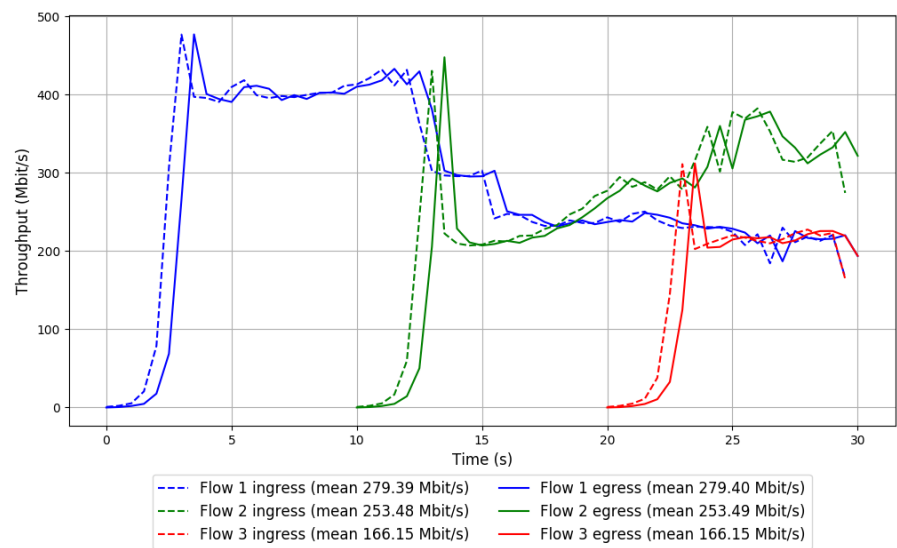


Run 2: Statistics of PCC-Vivace

Start at: 2018-08-02 07:34:38
End at: 2018-08-02 07:35:08
Local clock offset: -0.006 ms
Remote clock offset: -0.114 ms

Below is generated by plot.py at 2018-08-02 14:13:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 502.75 Mbit/s
95th percentile per-packet one-way delay: 67.018 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 279.40 Mbit/s
95th percentile per-packet one-way delay: 66.882 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 253.49 Mbit/s
95th percentile per-packet one-way delay: 67.368 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 166.15 Mbit/s
95th percentile per-packet one-way delay: 66.937 ms
Loss rate: 0.00%

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

Start at: 2018-08-02 07:59:35

End at: 2018-08-02 08:00:05

Local clock offset: -0.047 ms

Remote clock offset: 1.363 ms

Below is generated by plot.py at 2018-08-02 14:13:56

Datalink statistics

-- Total of 3 flows:

Average throughput: 439.61 Mbit/s

95th percentile per-packet one-way delay: 68.167 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 221.03 Mbit/s

95th percentile per-packet one-way delay: 62.558 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 237.84 Mbit/s

95th percentile per-packet one-way delay: 63.105 ms

Loss rate: 0.00%

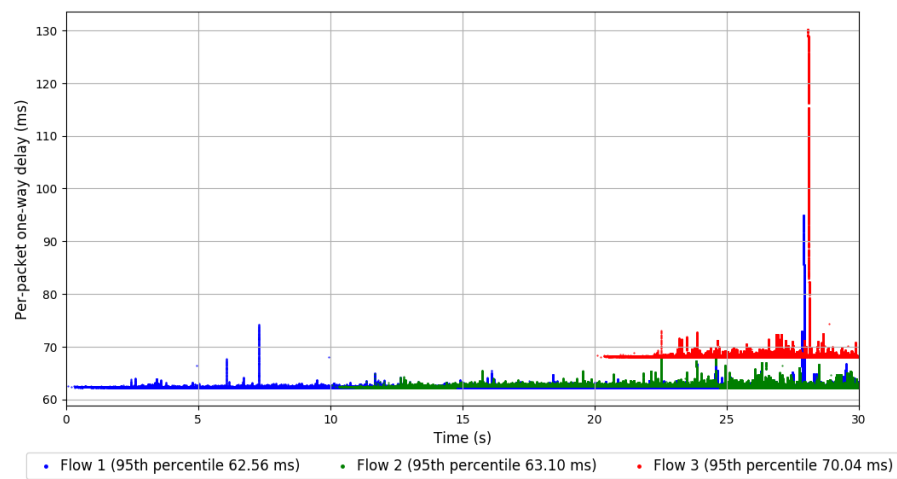
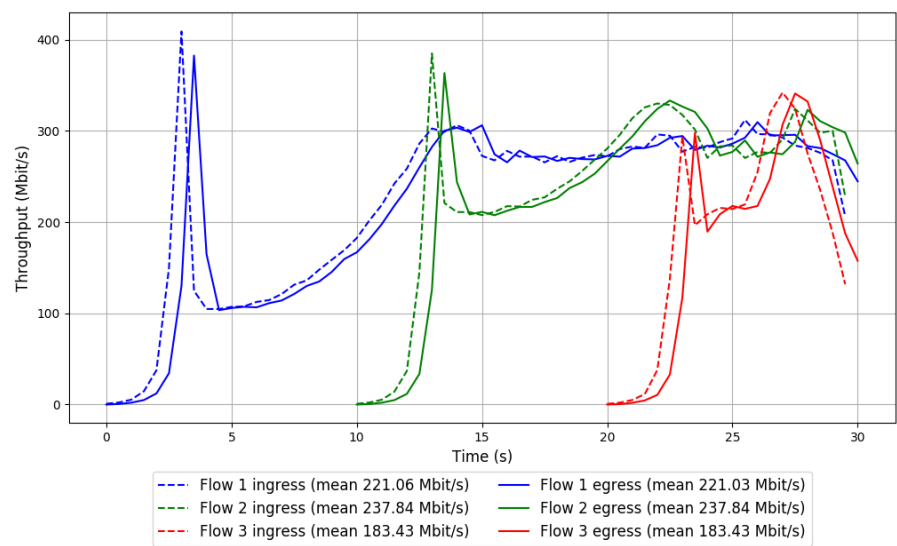
-- Flow 3:

Average throughput: 183.43 Mbit/s

95th percentile per-packet one-way delay: 70.038 ms

Loss rate: 0.00%

Run 3: Report of PCC-Vivace — Data Link

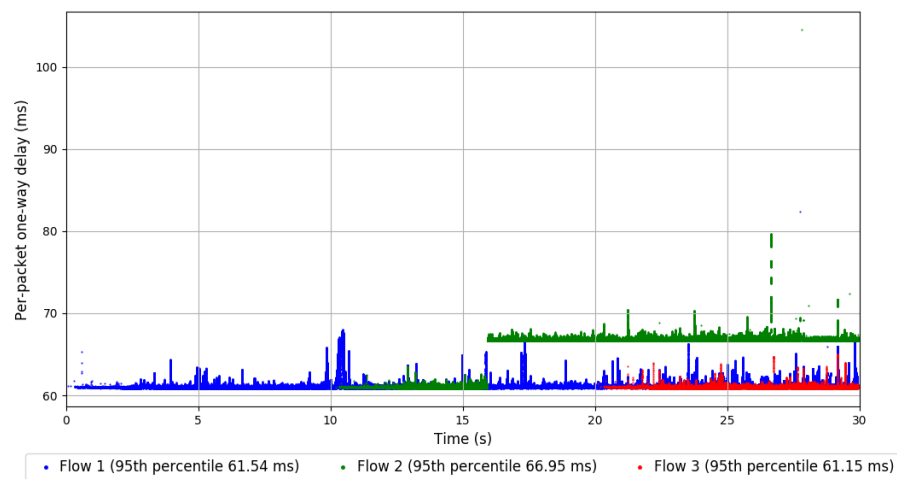
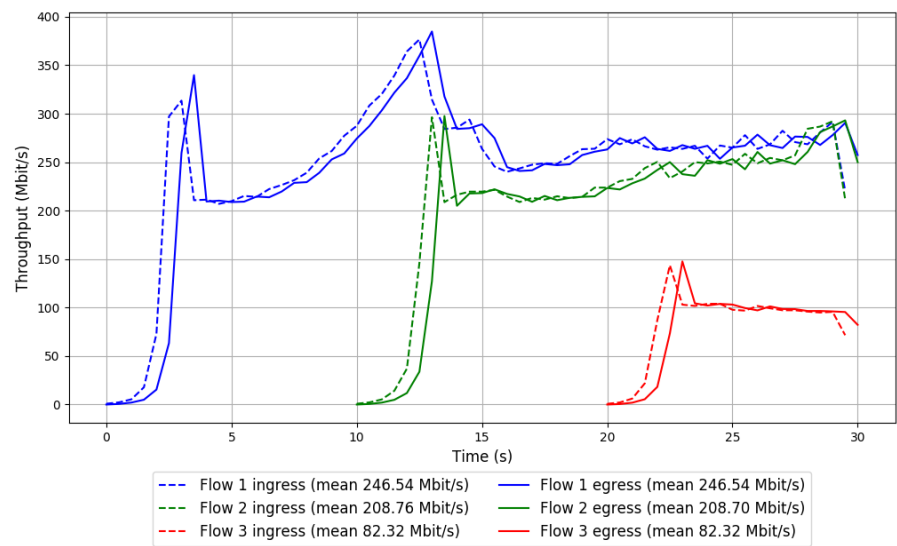


Run 4: Statistics of PCC-Vivace

Start at: 2018-08-02 08:24:04
End at: 2018-08-02 08:24:34
Local clock offset: -0.032 ms
Remote clock offset: -0.063 ms

Below is generated by plot.py at 2018-08-02 14:13:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 412.42 Mbit/s
95th percentile per-packet one-way delay: 66.789 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 246.54 Mbit/s
95th percentile per-packet one-way delay: 61.537 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 208.70 Mbit/s
95th percentile per-packet one-way delay: 66.946 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 82.32 Mbit/s
95th percentile per-packet one-way delay: 61.145 ms
Loss rate: 0.00%

Run 4: Report of PCC-Vivace — Data Link

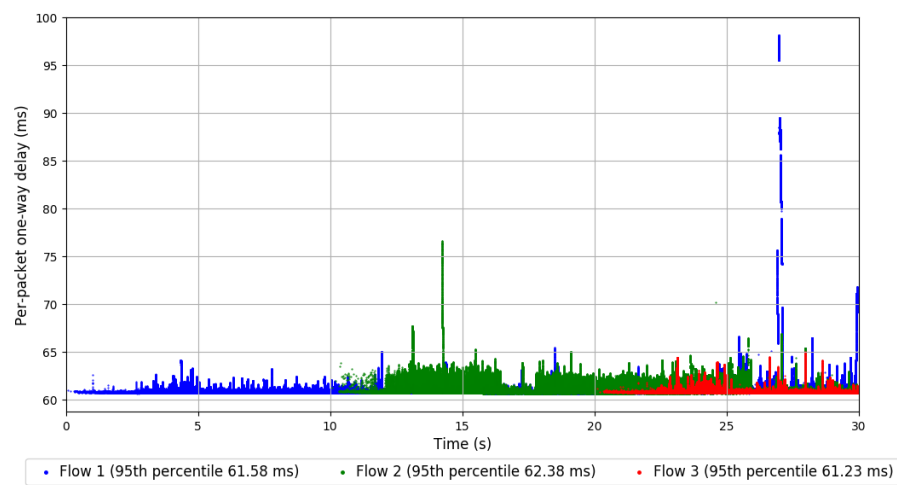
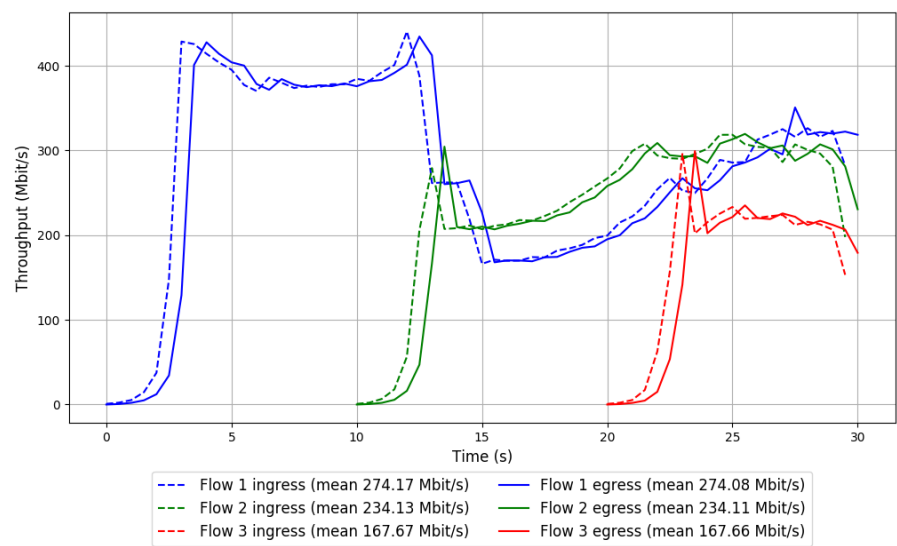


Run 5: Statistics of PCC-Vivace

Start at: 2018-08-02 08:48:54
End at: 2018-08-02 08:49:24
Local clock offset: -0.033 ms
Remote clock offset: -0.265 ms

Below is generated by plot.py at 2018-08-02 14:15:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 485.00 Mbit/s
95th percentile per-packet one-way delay: 62.009 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 274.08 Mbit/s
95th percentile per-packet one-way delay: 61.576 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 234.11 Mbit/s
95th percentile per-packet one-way delay: 62.381 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 167.66 Mbit/s
95th percentile per-packet one-way delay: 61.235 ms
Loss rate: 0.01%

Run 5: Report of PCC-Vivace — Data Link

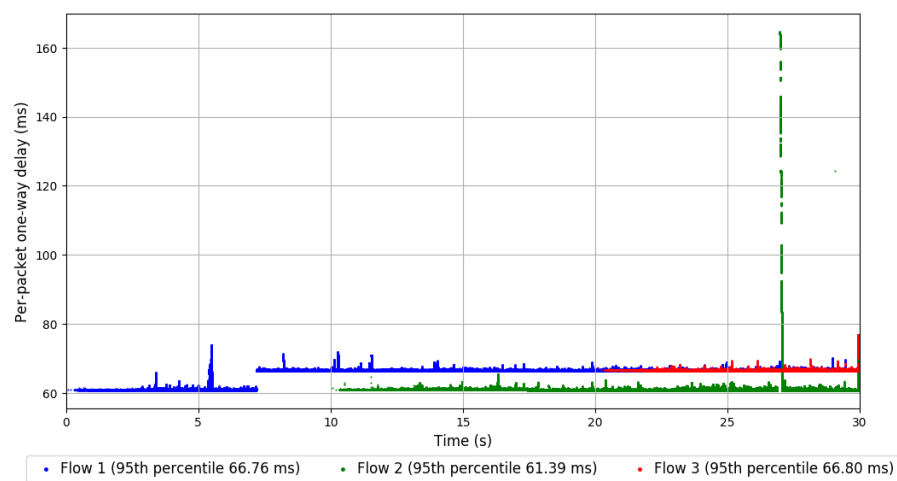
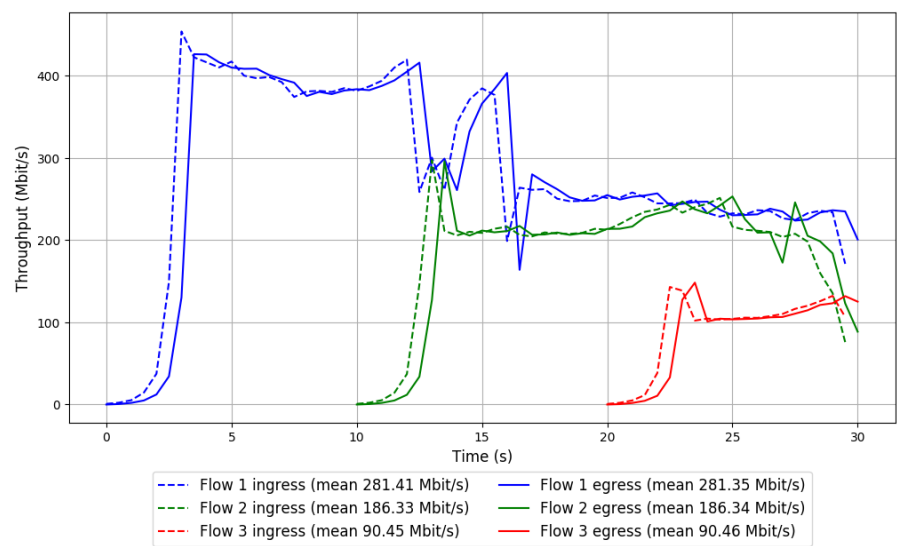


Run 6: Statistics of PCC-Vivace

Start at: 2018-08-02 09:13:52
End at: 2018-08-02 09:14:22
Local clock offset: -0.068 ms
Remote clock offset: -0.144 ms

Below is generated by plot.py at 2018-08-02 14:16:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 435.09 Mbit/s
95th percentile per-packet one-way delay: 66.734 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 281.35 Mbit/s
95th percentile per-packet one-way delay: 66.756 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 186.34 Mbit/s
95th percentile per-packet one-way delay: 61.389 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 90.46 Mbit/s
95th percentile per-packet one-way delay: 66.802 ms
Loss rate: 0.00%

Run 6: Report of PCC-Vivace — Data Link



Run 7: Statistics of PCC-Vivace

Start at: 2018-08-02 09:38:56

End at: 2018-08-02 09:39:26

Local clock offset: -0.104 ms

Remote clock offset: 0.132 ms

Below is generated by plot.py at 2018-08-02 14:17:18

Datalink statistics

-- Total of 3 flows:

Average throughput: 497.90 Mbit/s

95th percentile per-packet one-way delay: 61.675 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 309.88 Mbit/s

95th percentile per-packet one-way delay: 61.649 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 209.42 Mbit/s

95th percentile per-packet one-way delay: 61.632 ms

Loss rate: 0.00%

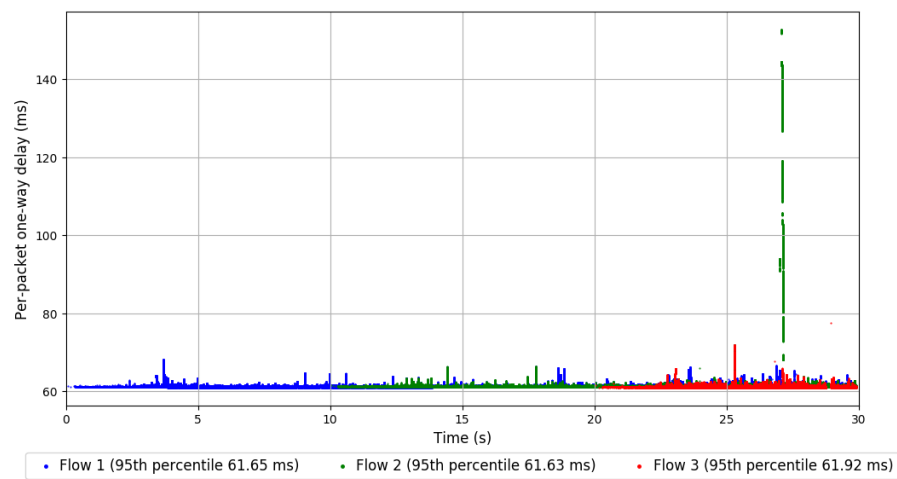
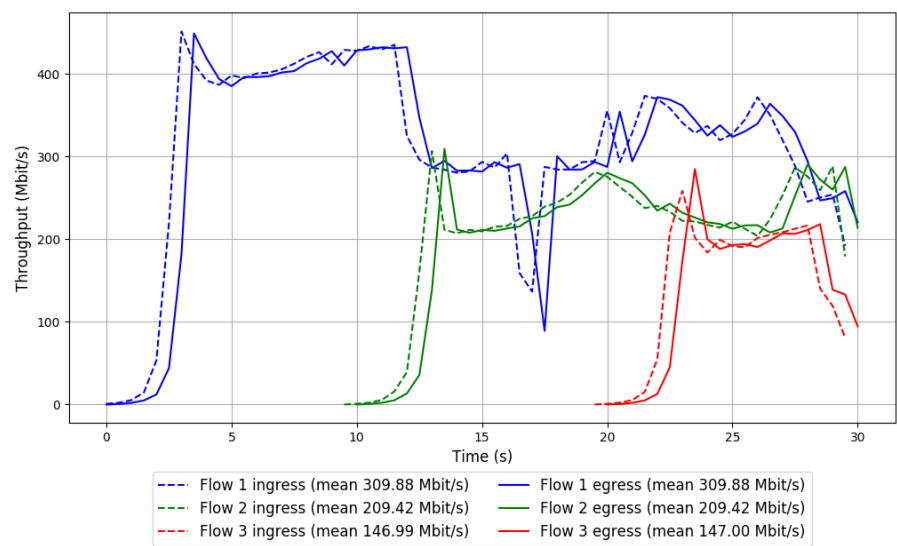
-- Flow 3:

Average throughput: 147.00 Mbit/s

95th percentile per-packet one-way delay: 61.918 ms

Loss rate: 0.00%

Run 7: Report of PCC-Vivace — Data Link



Run 8: Statistics of PCC-Vivace

Start at: 2018-08-02 10:03:44

End at: 2018-08-02 10:04:14

Local clock offset: -0.129 ms

Remote clock offset: 1.256 ms

Below is generated by plot.py at 2018-08-02 14:17:18

Datalink statistics

-- Total of 3 flows:

Average throughput: 450.65 Mbit/s

95th percentile per-packet one-way delay: 63.044 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 275.62 Mbit/s

95th percentile per-packet one-way delay: 62.874 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 233.67 Mbit/s

95th percentile per-packet one-way delay: 63.963 ms

Loss rate: 0.00%

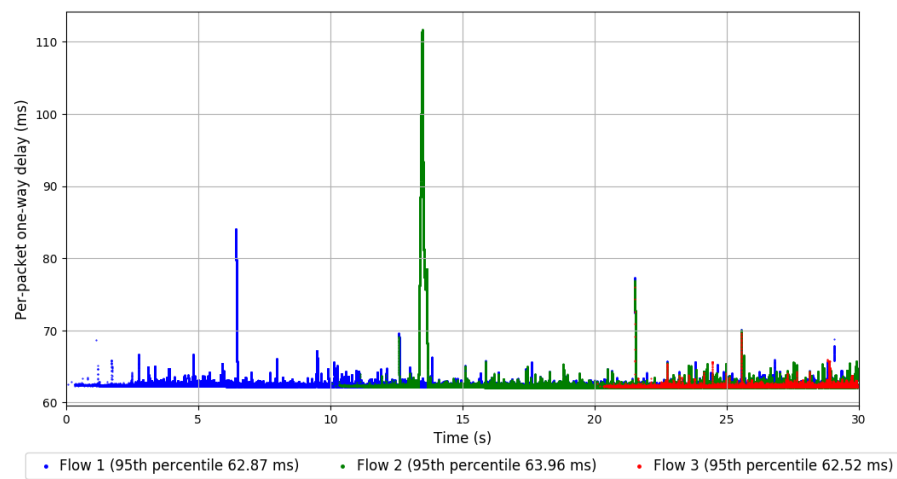
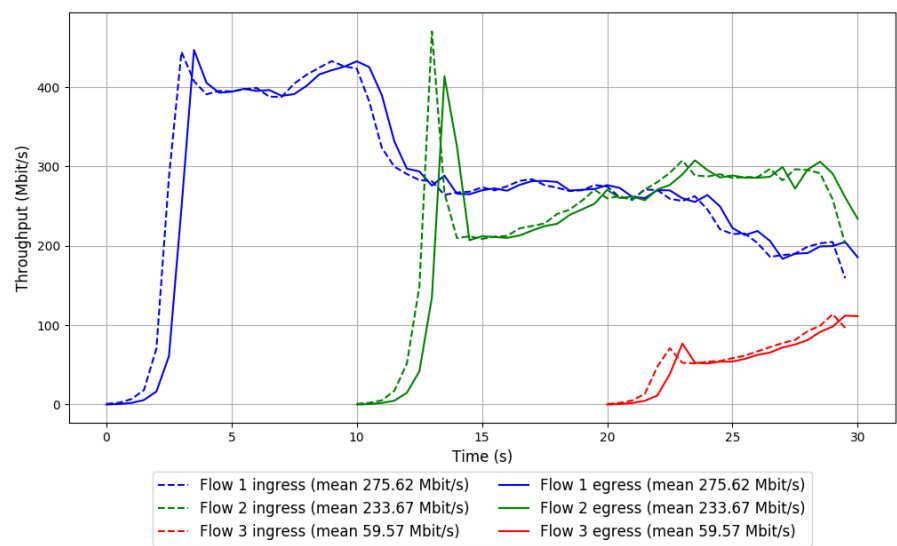
-- Flow 3:

Average throughput: 59.57 Mbit/s

95th percentile per-packet one-way delay: 62.516 ms

Loss rate: 0.00%

Run 8: Report of PCC-Vivace — Data Link



Run 9: Statistics of PCC-Vivace

Start at: 2018-08-02 10:28:39

End at: 2018-08-02 10:29:09

Local clock offset: -0.188 ms

Remote clock offset: 1.262 ms

Below is generated by plot.py at 2018-08-02 14:17:51

Datalink statistics

-- Total of 3 flows:

Average throughput: 469.69 Mbit/s

95th percentile per-packet one-way delay: 68.732 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 262.03 Mbit/s

95th percentile per-packet one-way delay: 68.814 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 228.68 Mbit/s

95th percentile per-packet one-way delay: 68.880 ms

Loss rate: 0.00%

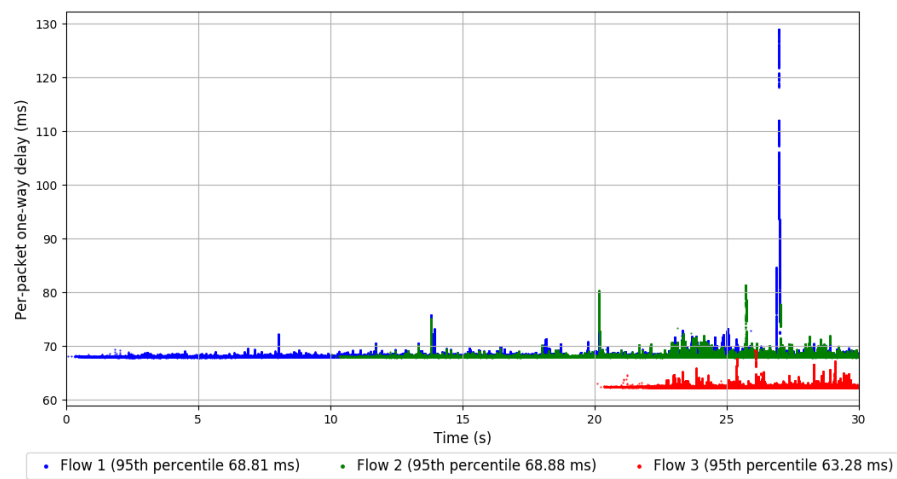
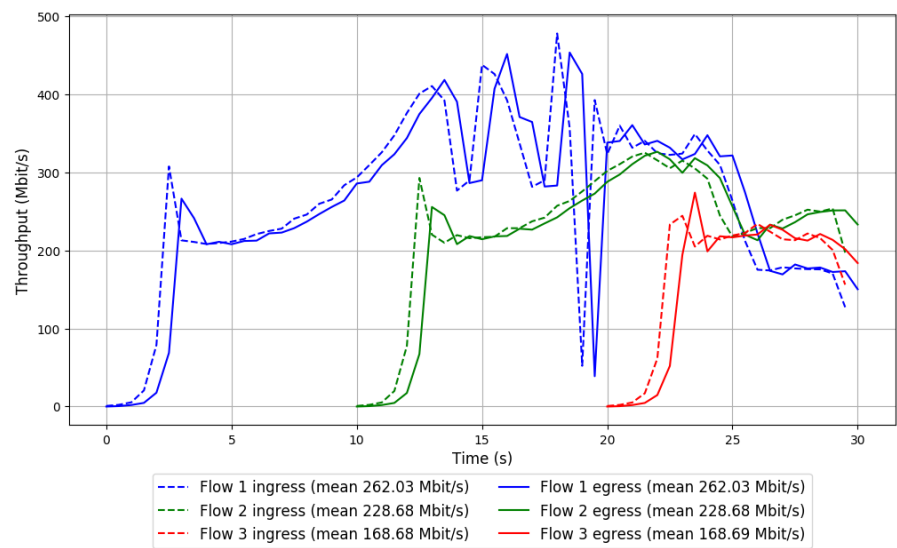
-- Flow 3:

Average throughput: 168.69 Mbit/s

95th percentile per-packet one-way delay: 63.283 ms

Loss rate: 0.00%

Run 9: Report of PCC-Vivace — Data Link

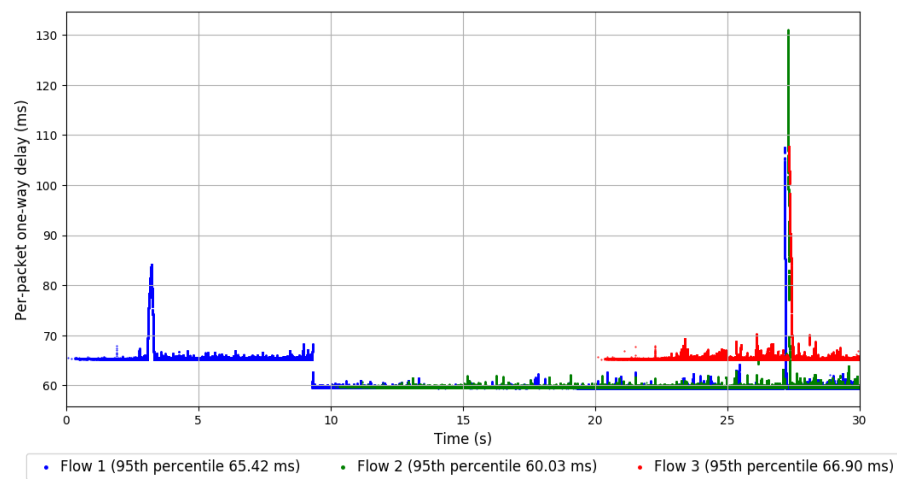
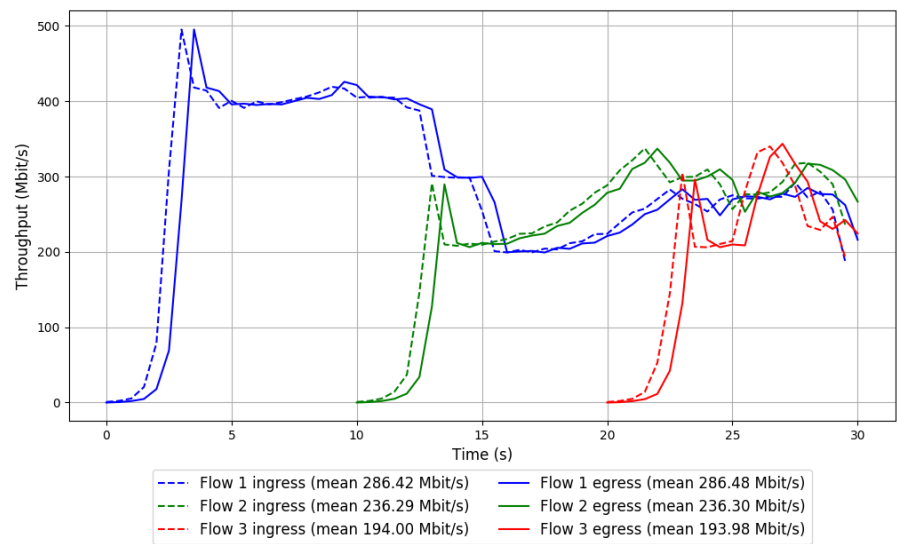


Run 10: Statistics of PCC-Vivace

Start at: 2018-08-02 10:53:20
End at: 2018-08-02 10:53:50
Local clock offset: -0.134 ms
Remote clock offset: -1.479 ms

Below is generated by plot.py at 2018-08-02 14:17:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 507.56 Mbit/s
95th percentile per-packet one-way delay: 65.454 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 286.48 Mbit/s
95th percentile per-packet one-way delay: 65.416 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 236.30 Mbit/s
95th percentile per-packet one-way delay: 60.028 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 193.98 Mbit/s
95th percentile per-packet one-way delay: 66.898 ms
Loss rate: 0.04%

Run 10: Report of PCC-Vivace — Data Link

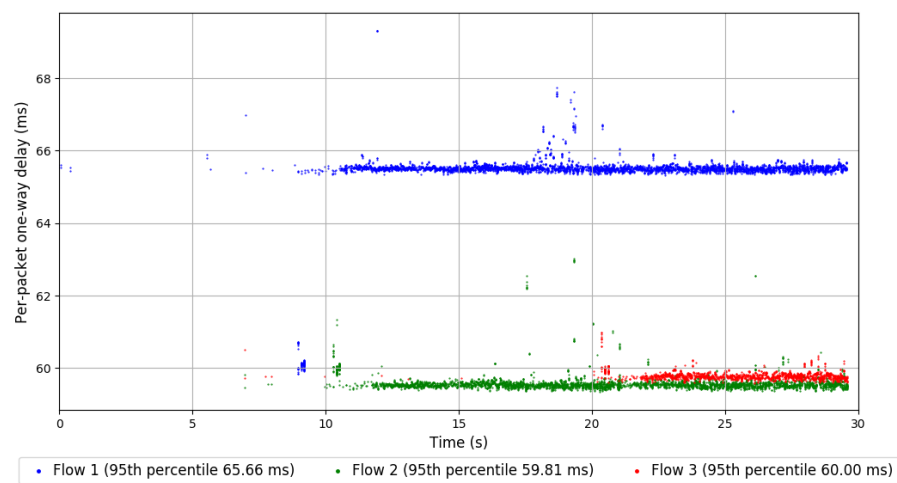
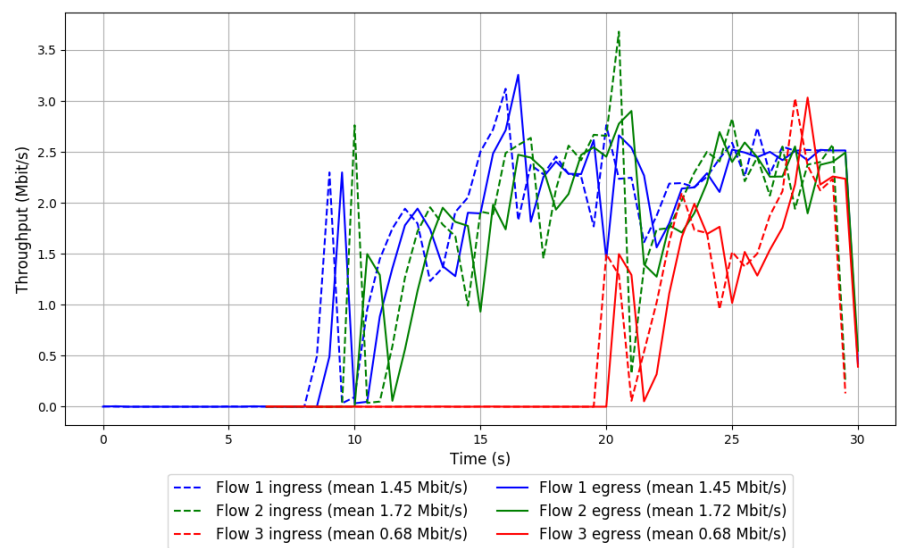


Run 1: Statistics of WebRTC media

Start at: 2018-08-02 07:12:49
End at: 2018-08-02 07:13:19
Local clock offset: -0.004 ms
Remote clock offset: -1.321 ms

Below is generated by plot.py at 2018-08-02 14:17:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.29 Mbit/s
95th percentile per-packet one-way delay: 65.583 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.45 Mbit/s
95th percentile per-packet one-way delay: 65.656 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.72 Mbit/s
95th percentile per-packet one-way delay: 59.807 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.68 Mbit/s
95th percentile per-packet one-way delay: 59.997 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

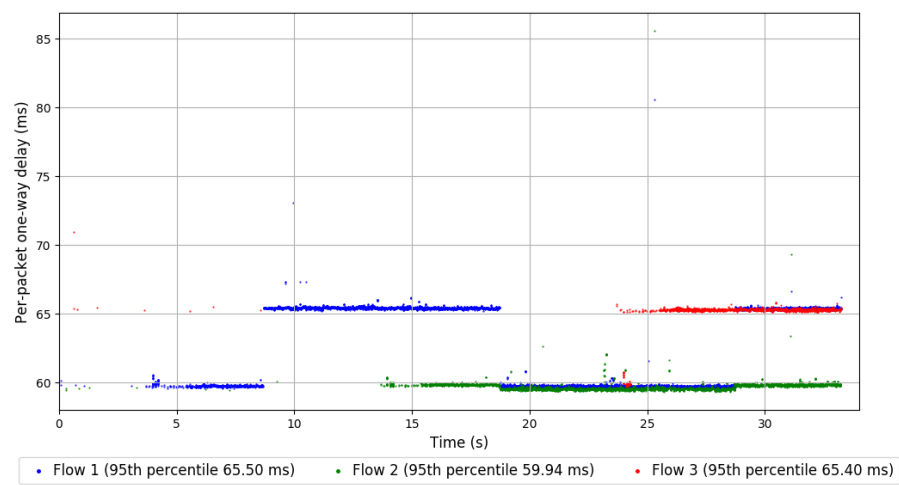
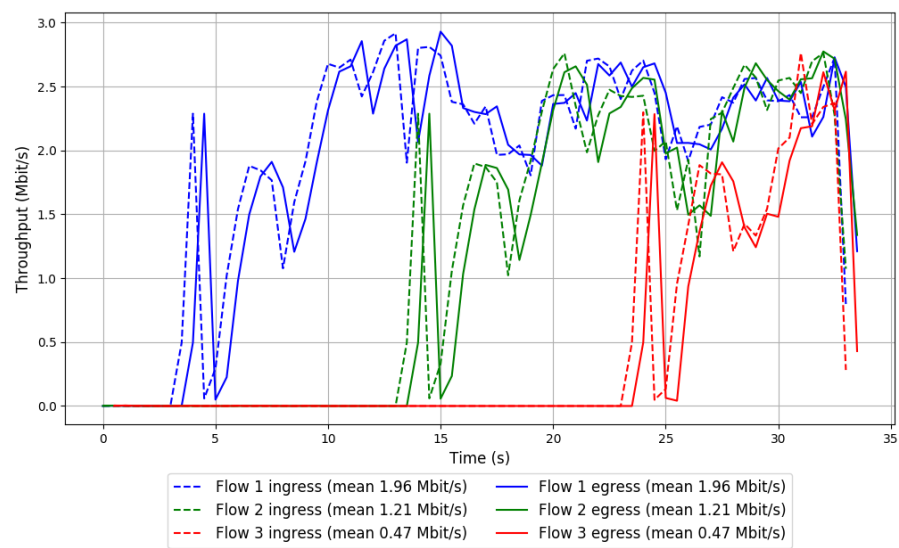


Run 2: Statistics of WebRTC media

Start at: 2018-08-02 07:37:54
End at: 2018-08-02 07:38:24
Local clock offset: -0.054 ms
Remote clock offset: -1.514 ms

Below is generated by plot.py at 2018-08-02 14:17:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.62 Mbit/s
95th percentile per-packet one-way delay: 65.465 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.96 Mbit/s
95th percentile per-packet one-way delay: 65.497 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.21 Mbit/s
95th percentile per-packet one-way delay: 59.937 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 65.396 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

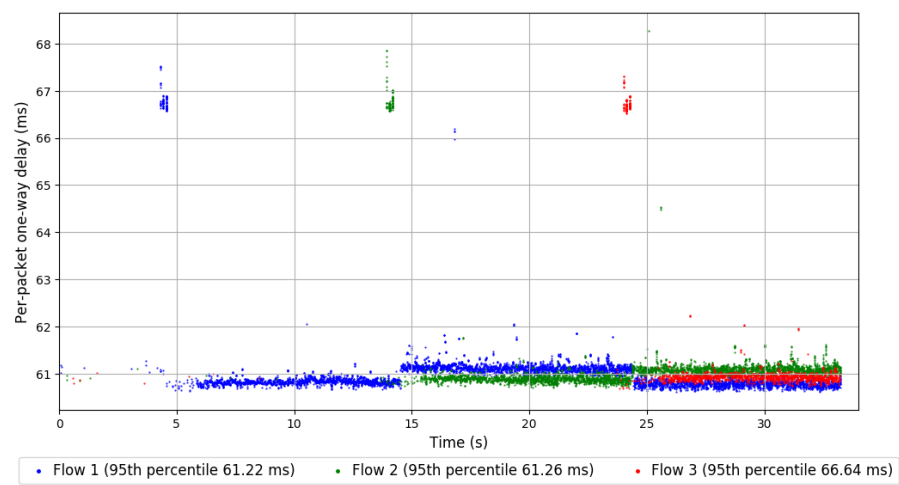
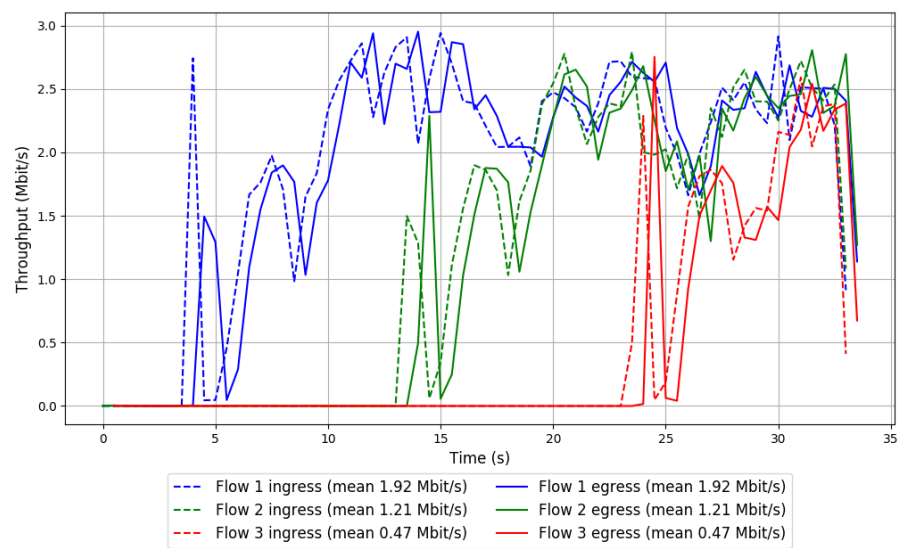


Run 3: Statistics of WebRTC media

Start at: 2018-08-02 08:02:49
End at: 2018-08-02 08:03:19
Local clock offset: -0.002 ms
Remote clock offset: -0.117 ms

Below is generated by plot.py at 2018-08-02 14:17:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.58 Mbit/s
95th percentile per-packet one-way delay: 61.247 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 1.92 Mbit/s
95th percentile per-packet one-way delay: 61.222 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.21 Mbit/s
95th percentile per-packet one-way delay: 61.264 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 66.636 ms
Loss rate: 0.06%

Run 3: Report of WebRTC media — Data Link

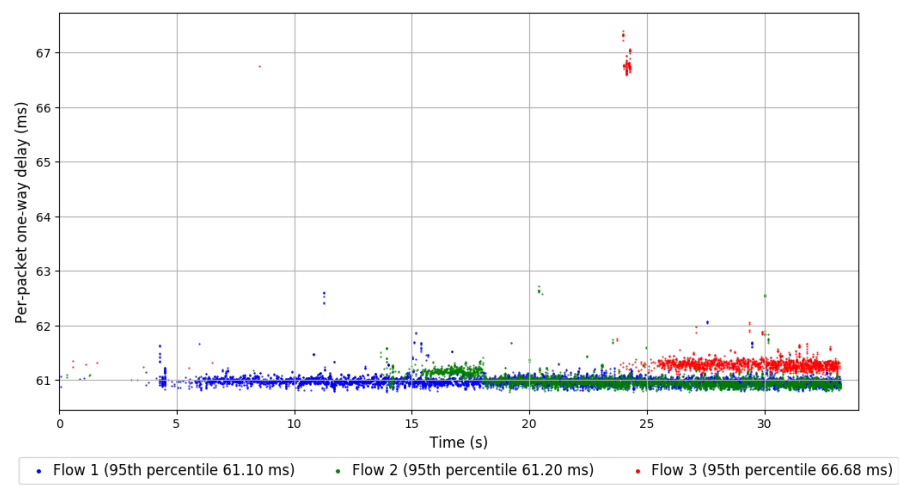
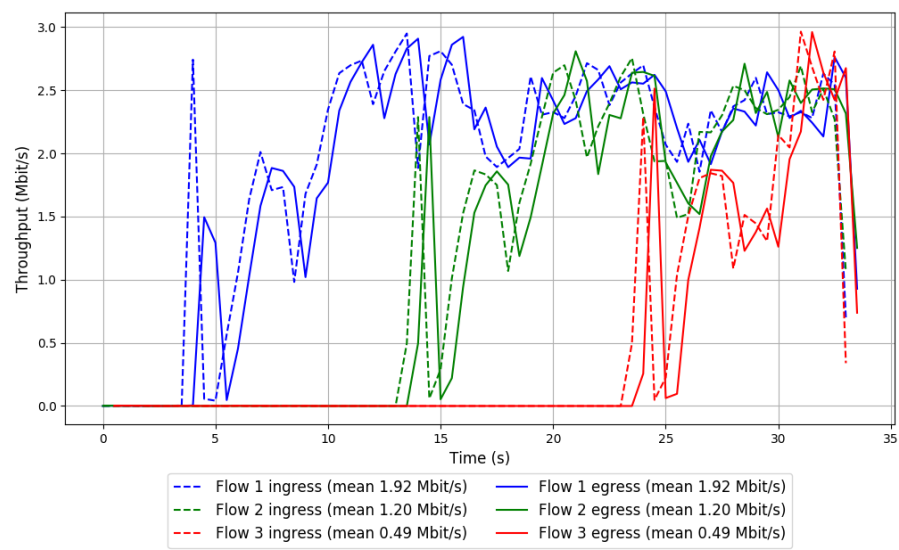


Run 4: Statistics of WebRTC media

Start at: 2018-08-02 08:27:15
End at: 2018-08-02 08:27:45
Local clock offset: -0.006 ms
Remote clock offset: -0.107 ms

Below is generated by plot.py at 2018-08-02 14:17:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.59 Mbit/s
95th percentile per-packet one-way delay: 61.336 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.92 Mbit/s
95th percentile per-packet one-way delay: 61.103 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.20 Mbit/s
95th percentile per-packet one-way delay: 61.201 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 66.676 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

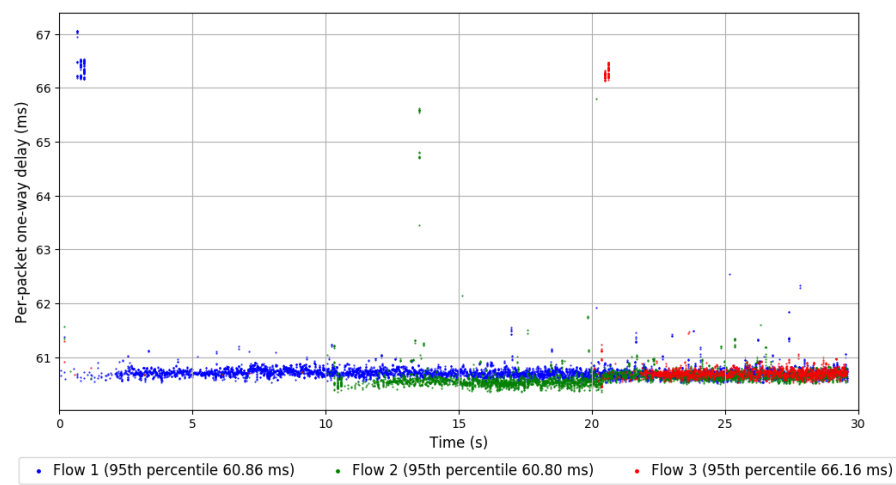
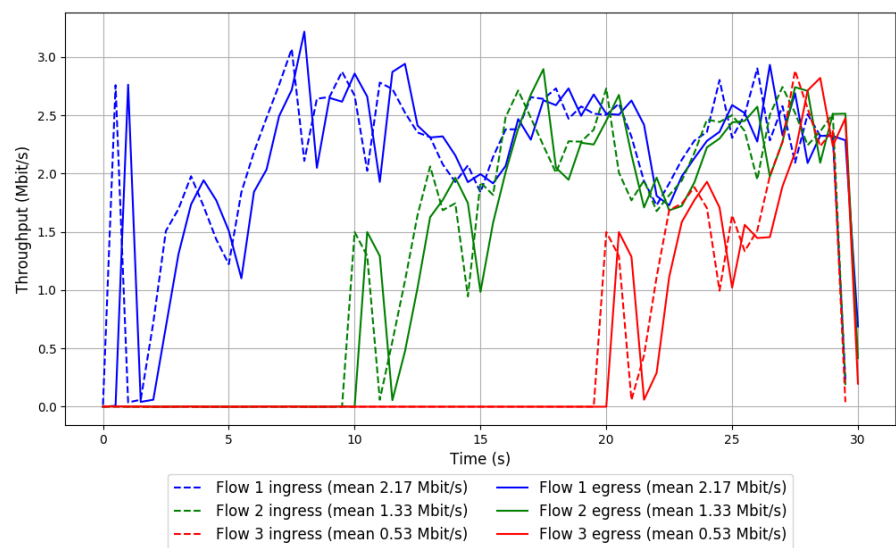


Run 5: Statistics of WebRTC media

Start at: 2018-08-02 08:52:09
End at: 2018-08-02 08:52:39
Local clock offset: -0.023 ms
Remote clock offset: -0.569 ms

Below is generated by plot.py at 2018-08-02 14:17:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.02 Mbit/s
95th percentile per-packet one-way delay: 60.864 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.17 Mbit/s
95th percentile per-packet one-way delay: 60.860 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.33 Mbit/s
95th percentile per-packet one-way delay: 60.801 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.53 Mbit/s
95th percentile per-packet one-way delay: 66.155 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

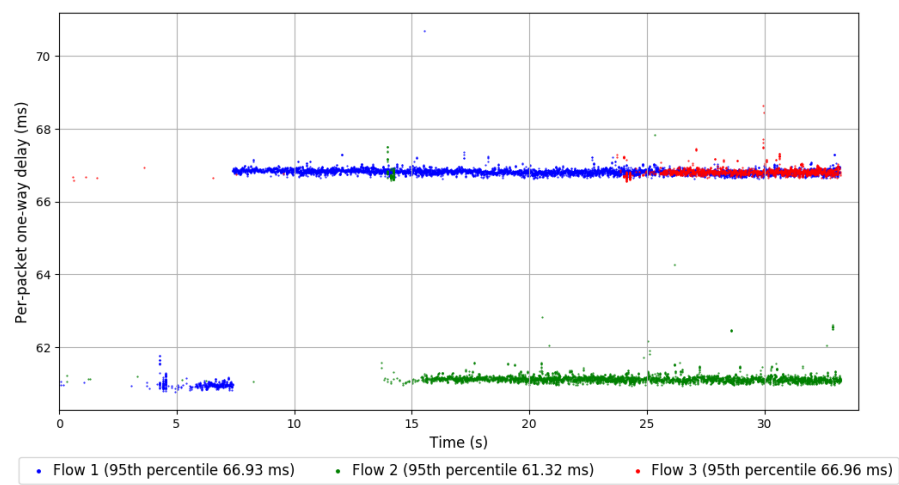
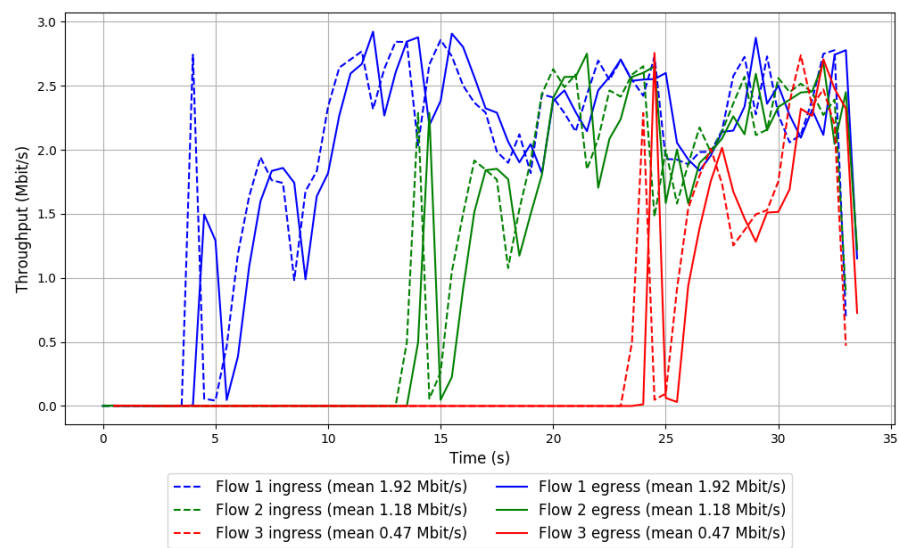


Run 6: Statistics of WebRTC media

Start at: 2018-08-02 09:17:06
End at: 2018-08-02 09:17:36
Local clock offset: -0.063 ms
Remote clock offset: -0.136 ms

Below is generated by plot.py at 2018-08-02 14:17:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.56 Mbit/s
95th percentile per-packet one-way delay: 66.913 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.92 Mbit/s
95th percentile per-packet one-way delay: 66.927 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.18 Mbit/s
95th percentile per-packet one-way delay: 61.323 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 66.959 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

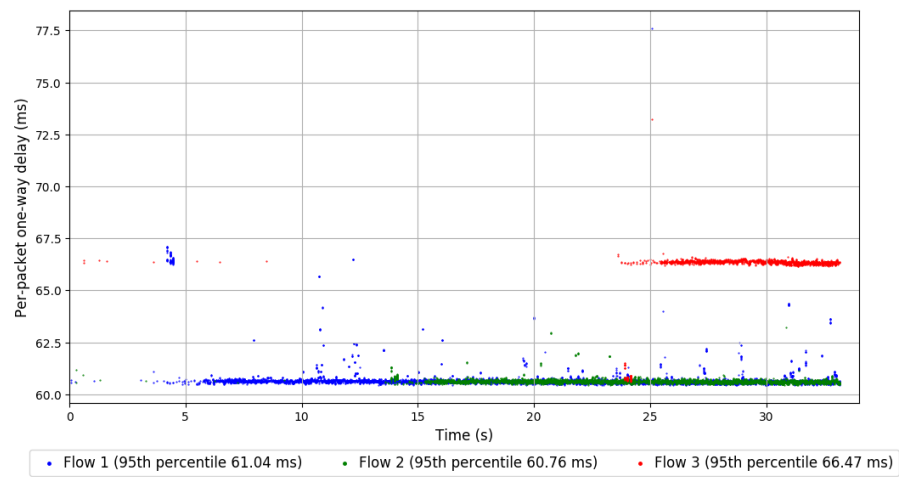
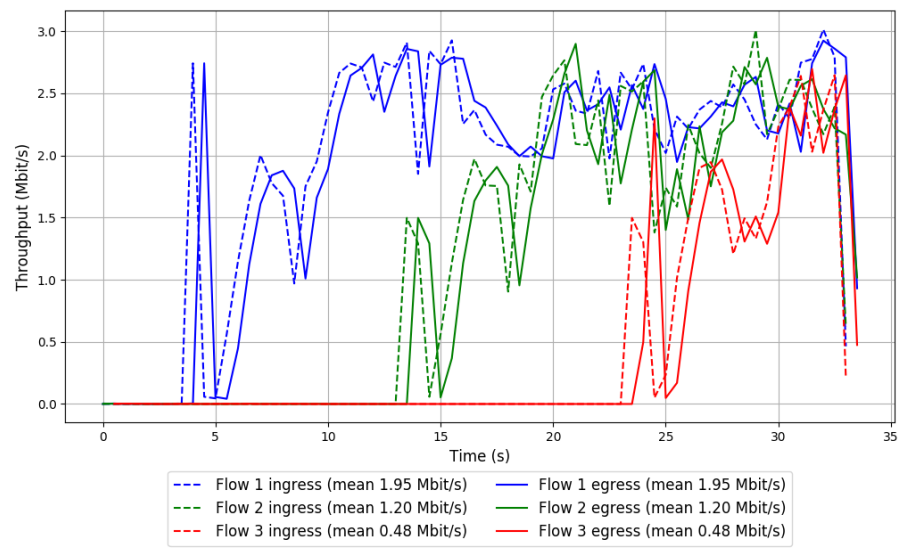


Run 7: Statistics of WebRTC media

Start at: 2018-08-02 09:42:12
End at: 2018-08-02 09:42:42
Local clock offset: -0.066 ms
Remote clock offset: -0.388 ms

Below is generated by plot.py at 2018-08-02 14:17:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.61 Mbit/s
95th percentile per-packet one-way delay: 66.384 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.95 Mbit/s
95th percentile per-packet one-way delay: 61.037 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.20 Mbit/s
95th percentile per-packet one-way delay: 60.756 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 66.468 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

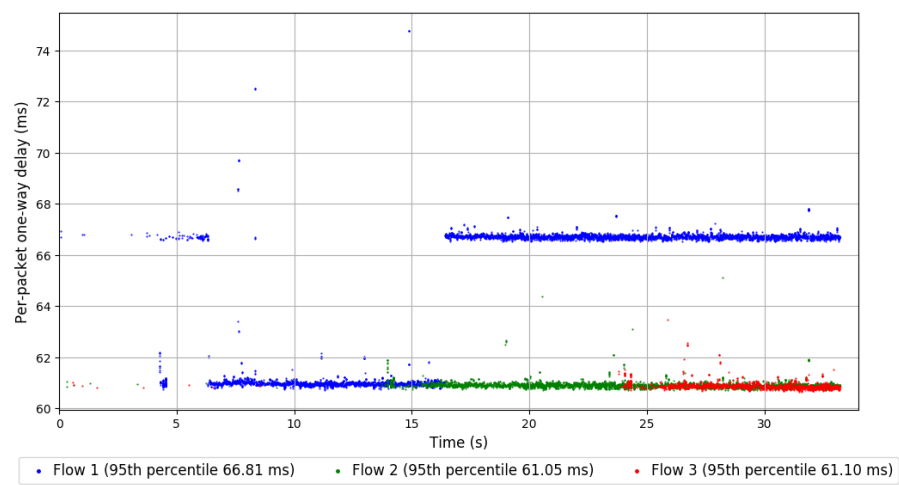
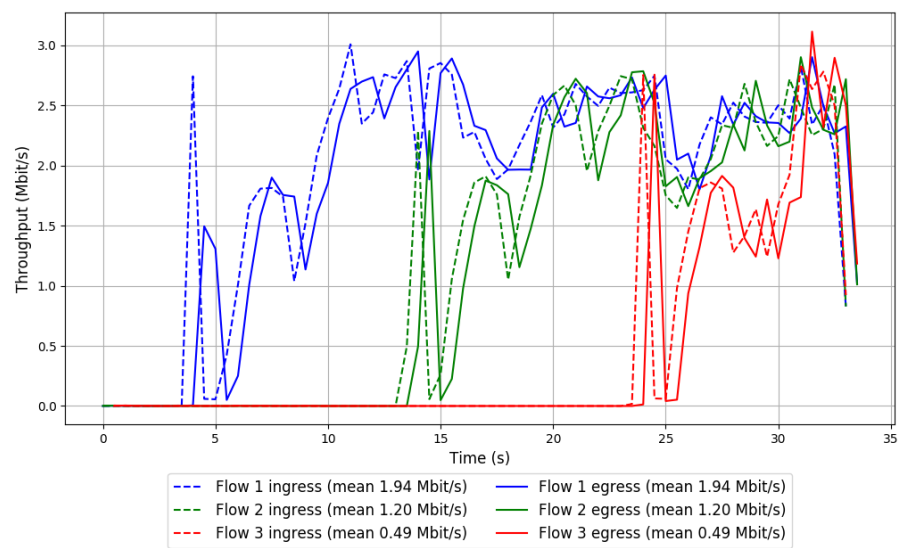


Run 8: Statistics of WebRTC media

Start at: 2018-08-02 10:06:57
End at: 2018-08-02 10:07:27
Local clock offset: -0.121 ms
Remote clock offset: -0.231 ms

Below is generated by plot.py at 2018-08-02 14:17:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.61 Mbit/s
95th percentile per-packet one-way delay: 66.784 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.94 Mbit/s
95th percentile per-packet one-way delay: 66.815 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.20 Mbit/s
95th percentile per-packet one-way delay: 61.045 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 61.097 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

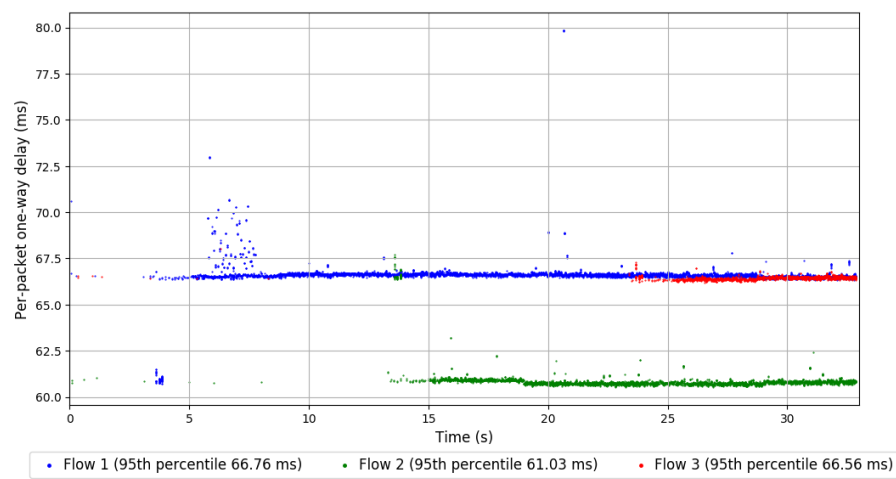
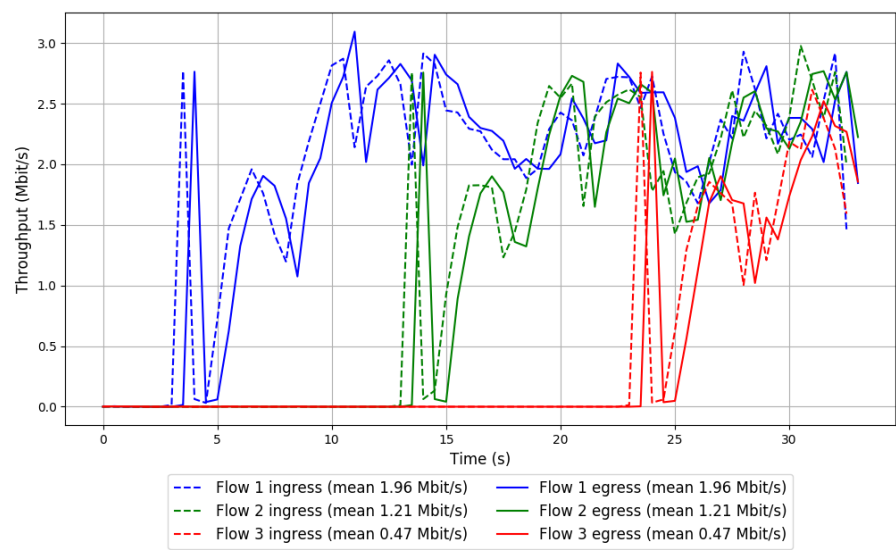


Run 9: Statistics of WebRTC media

Start at: 2018-08-02 10:31:54
End at: 2018-08-02 10:32:24
Local clock offset: -0.143 ms
Remote clock offset: -0.324 ms

Below is generated by plot.py at 2018-08-02 14:17:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.63 Mbit/s
95th percentile per-packet one-way delay: 66.713 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.96 Mbit/s
95th percentile per-packet one-way delay: 66.758 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.21 Mbit/s
95th percentile per-packet one-way delay: 61.026 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 66.558 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-08-02 10:56:37

End at: 2018-08-02 10:57:07

Local clock offset: -0.09 ms

Remote clock offset: 1.148 ms

Below is generated by plot.py at 2018-08-02 14:17:55

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.63 Mbit/s

95th percentile per-packet one-way delay: 68.062 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 1.97 Mbit/s

95th percentile per-packet one-way delay: 62.510 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 1.19 Mbit/s

95th percentile per-packet one-way delay: 68.118 ms

Loss rate: 0.00%

-- Flow 3:

Average throughput: 0.47 Mbit/s

95th percentile per-packet one-way delay: 62.421 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

