

Pantheon Report

Generated at 2018-07-24 22:06:04 (UTC).

Data path: AWS India 2 Ethernet (*local*) → Saudi Arabia Ethernet (*remote*).

Repeated the test of 17 congestion control schemes 10 times.

Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.

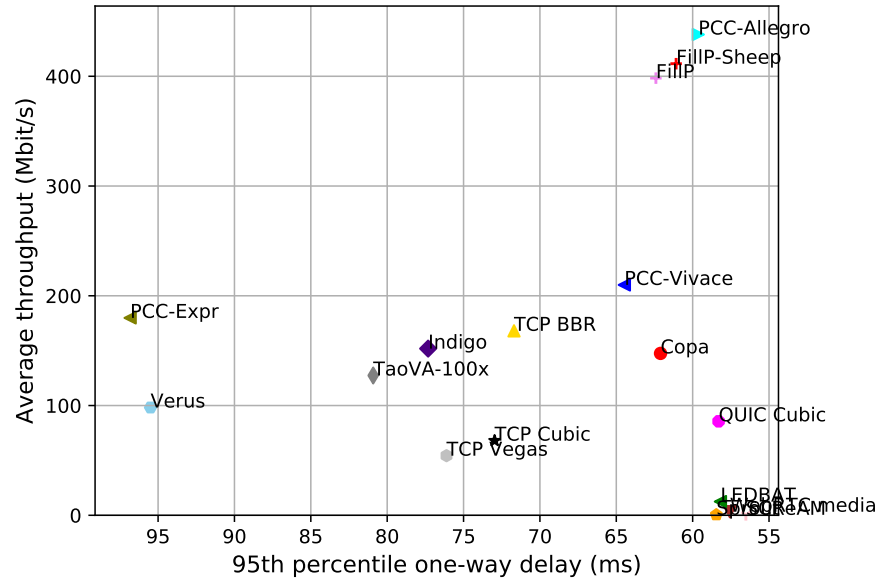
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

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

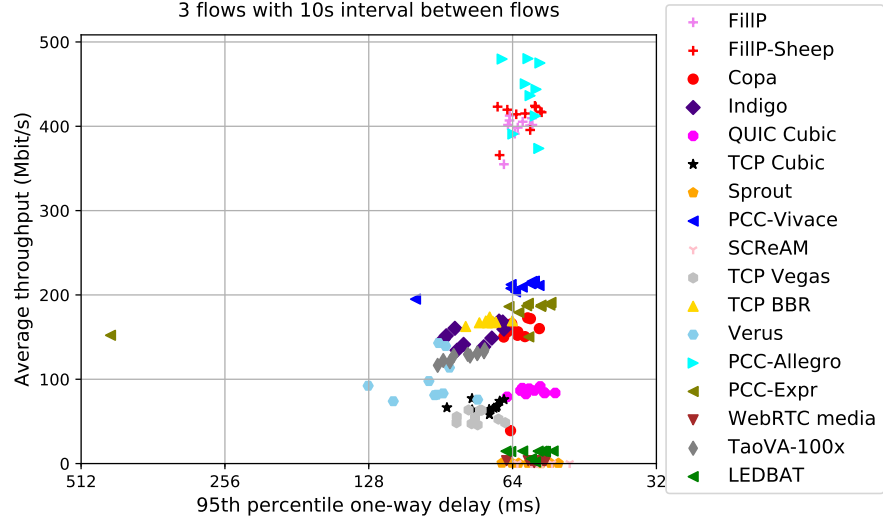
Git summary:

```
branch: master @ 640164b5b17c7c6561fff57729b3b5935d8596ce
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ daed0c84f98531712514b2231f43ec6901114ffe
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf5e58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecd90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
M src/ScreamClient
M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webRTC @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

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



test from AWS India 2 to Saudi Arabia, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows



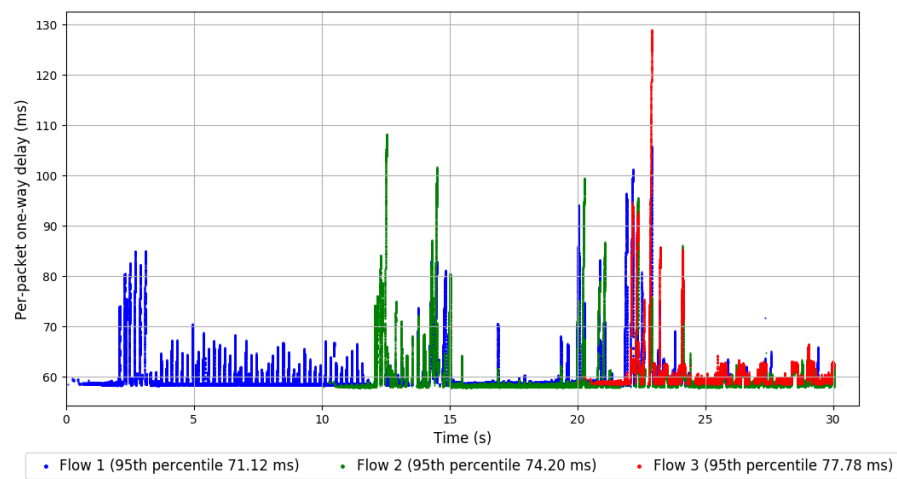
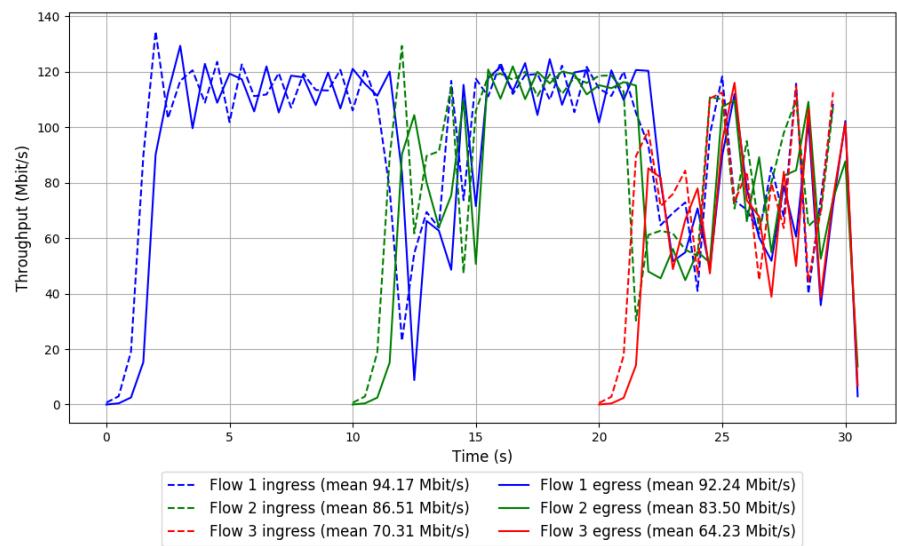
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	92.41	84.00	59.31	70.03	72.76	77.37	1.91	3.46	8.30
Copa	10	104.31	55.21	20.22	61.59	62.00	60.51	9.44	7.84	8.15
TCP Cubic	10	30.60	32.44	47.47	72.28	66.07	80.70	2.38	2.07	3.80
FillP	10	312.44	108.50	42.07	62.29	61.08	60.76	16.93	16.00	16.83
FillP-Sheep	10	272.63	146.93	124.73	60.59	59.69	61.77	17.29	22.41	25.89
Indigo	10	74.35	83.87	68.54	73.49	78.50	80.14	11.30	18.01	31.02
LEDBAT	10	8.23	5.25	2.43	58.03	57.70	57.32	0.00	0.00	0.00
PCC-Allegro	9	397.80	49.08	23.15	59.31	59.33	59.37	4.77	2.04	2.53
PCC-Expr	10	164.78	22.24	12.85	97.17	95.40	58.04	7.99	7.83	7.92
QUIC Cubic	10	50.87	39.26	26.69	57.53	57.90	60.07	0.00	0.01	0.01
SCReAM	10	0.22	0.22	0.21	55.66	55.74	56.17	0.00	0.00	0.00
Sprout	10	0.25	0.25	0.35	57.72	57.70	58.08	0.00	0.00	0.00
TaoVA-100x	10	75.10	55.24	46.74	78.52	83.93	81.38	4.66	6.95	9.01
TCP Vegas	10	22.37	27.66	40.72	69.51	74.75	81.59	1.45	2.30	3.04
Verus	10	58.96	48.04	28.62	89.40	90.32	80.55	56.06	52.39	40.85
PCC-Vivace	10	183.82	32.39	13.75	105.02	60.68	61.31	2.30	0.95	1.02
WebRTC media	10	1.80	1.09	0.38	57.18	56.70	56.94	0.00	0.00	0.00

Run 1: Statistics of TCP BBR

Start at: 2018-07-24 14:50:01
End at: 2018-07-24 14:50:31
Local clock offset: 2.184 ms
Remote clock offset: -29.268 ms

Below is generated by plot.py at 2018-07-24 21:21:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 169.09 Mbit/s
95th percentile per-packet one-way delay: 72.825 ms
Loss rate: 3.39%
-- Flow 1:
Average throughput: 92.24 Mbit/s
95th percentile per-packet one-way delay: 71.124 ms
Loss rate: 2.03%
-- Flow 2:
Average throughput: 83.50 Mbit/s
95th percentile per-packet one-way delay: 74.203 ms
Loss rate: 3.48%
-- Flow 3:
Average throughput: 64.23 Mbit/s
95th percentile per-packet one-way delay: 77.777 ms
Loss rate: 8.62%

Run 1: Report of TCP BBR — Data Link

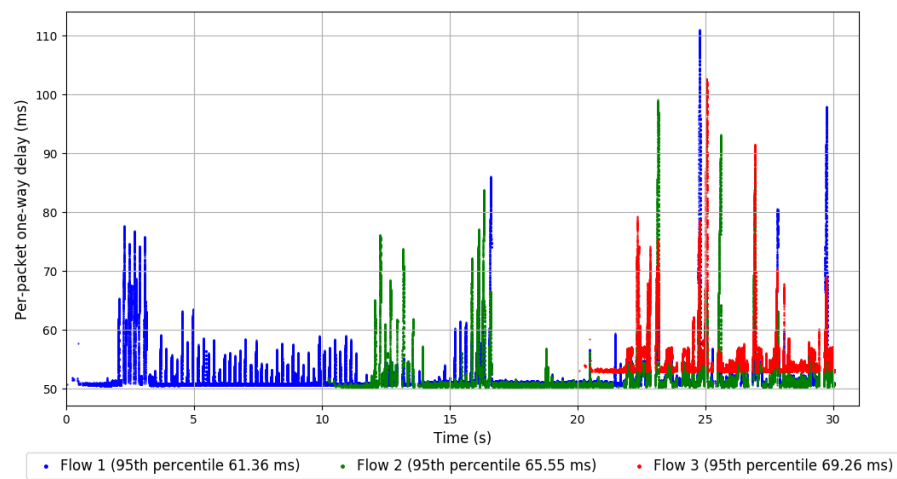
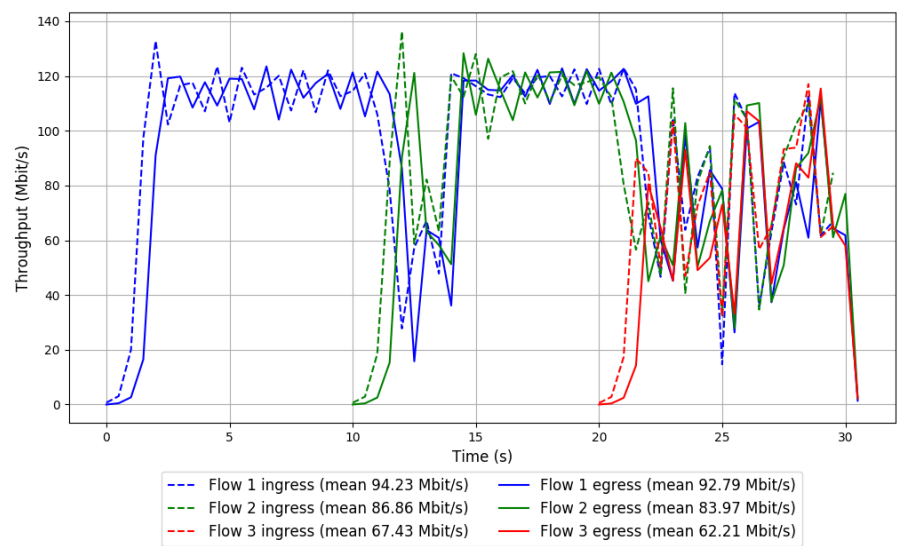


Run 2: Statistics of TCP BBR

Start at: 2018-07-24 15:19:58
End at: 2018-07-24 15:20:28
Local clock offset: -0.427 ms
Remote clock offset: -39.512 ms

Below is generated by plot.py at 2018-07-24 21:21:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 169.32 Mbit/s
95th percentile per-packet one-way delay: 64.074 ms
Loss rate: 2.93%
-- Flow 1:
Average throughput: 92.79 Mbit/s
95th percentile per-packet one-way delay: 61.364 ms
Loss rate: 1.53%
-- Flow 2:
Average throughput: 83.97 Mbit/s
95th percentile per-packet one-way delay: 65.547 ms
Loss rate: 3.33%
-- Flow 3:
Average throughput: 62.21 Mbit/s
95th percentile per-packet one-way delay: 69.263 ms
Loss rate: 7.76%

Run 2: Report of TCP BBR — Data Link

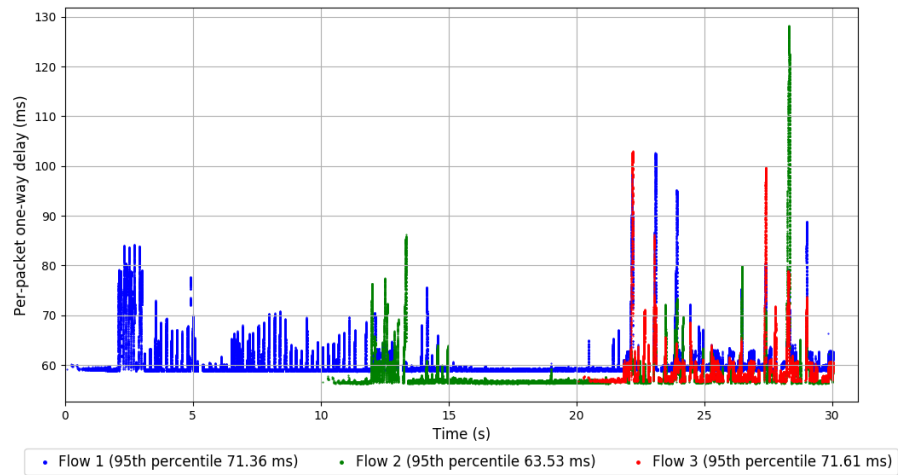
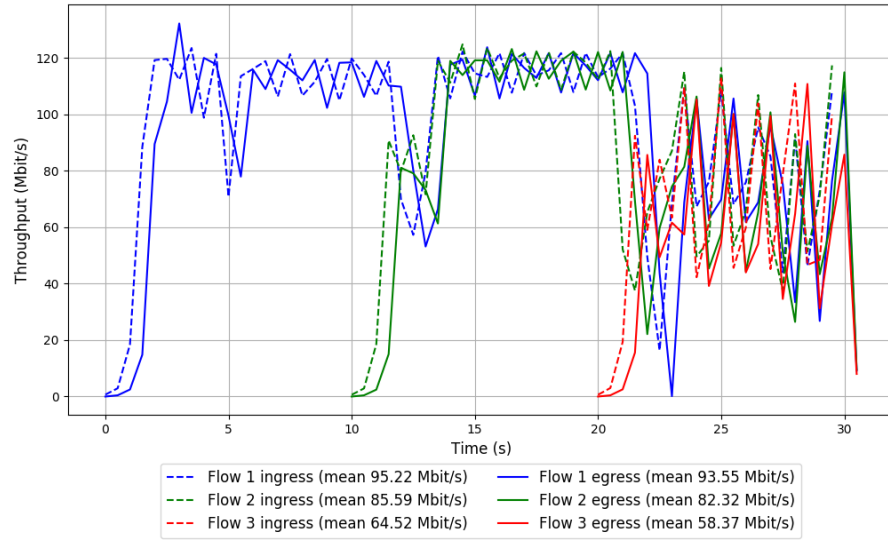


Run 3: Statistics of TCP BBR

Start at: 2018-07-24 15:55:40
End at: 2018-07-24 15:56:10
Local clock offset: 1.646 ms
Remote clock offset: -33.689 ms

Below is generated by plot.py at 2018-07-24 21:21:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 167.79 Mbit/s
95th percentile per-packet one-way delay: 69.379 ms
Loss rate: 3.38%
-- Flow 1:
Average throughput: 93.55 Mbit/s
95th percentile per-packet one-way delay: 71.362 ms
Loss rate: 1.74%
-- Flow 2:
Average throughput: 82.32 Mbit/s
95th percentile per-packet one-way delay: 63.527 ms
Loss rate: 3.81%
-- Flow 3:
Average throughput: 58.37 Mbit/s
95th percentile per-packet one-way delay: 71.607 ms
Loss rate: 9.51%

Run 3: Report of TCP BBR — Data Link

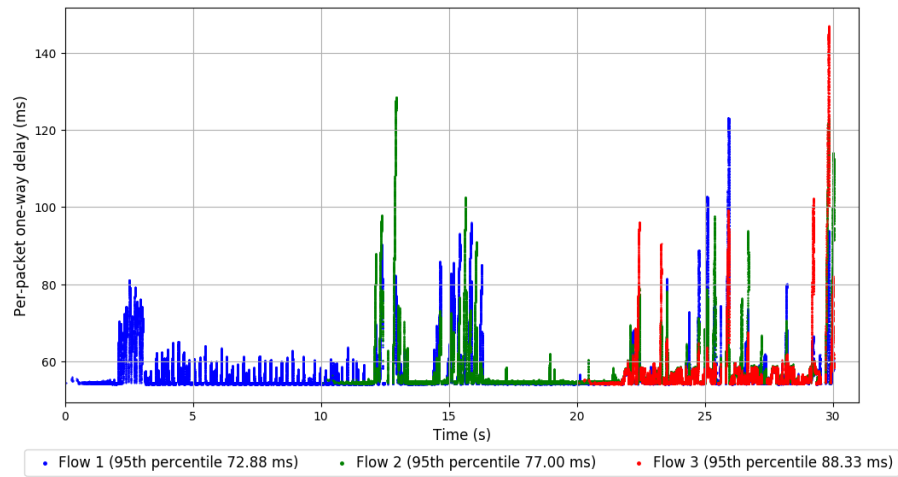
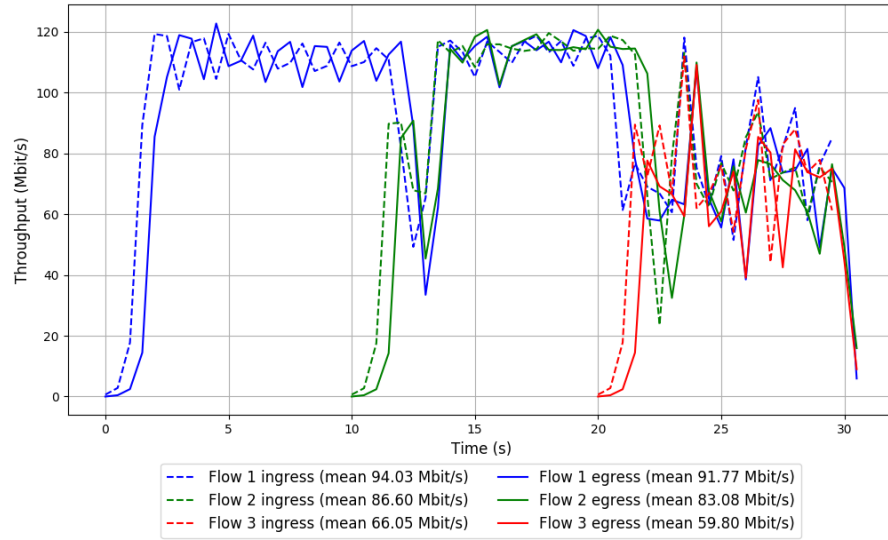


Run 4: Statistics of TCP BBR

Start at: 2018-07-24 16:31:31
End at: 2018-07-24 16:32:01
Local clock offset: 1.104 ms
Remote clock offset: -42.267 ms

Below is generated by plot.py at 2018-07-24 21:21:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 167.00 Mbit/s
95th percentile per-packet one-way delay: 75.099 ms
Loss rate: 3.80%
-- Flow 1:
Average throughput: 91.77 Mbit/s
95th percentile per-packet one-way delay: 72.881 ms
Loss rate: 2.39%
-- Flow 2:
Average throughput: 83.08 Mbit/s
95th percentile per-packet one-way delay: 76.996 ms
Loss rate: 3.95%
-- Flow 3:
Average throughput: 59.80 Mbit/s
95th percentile per-packet one-way delay: 88.330 ms
Loss rate: 9.42%

Run 4: Report of TCP BBR — Data Link

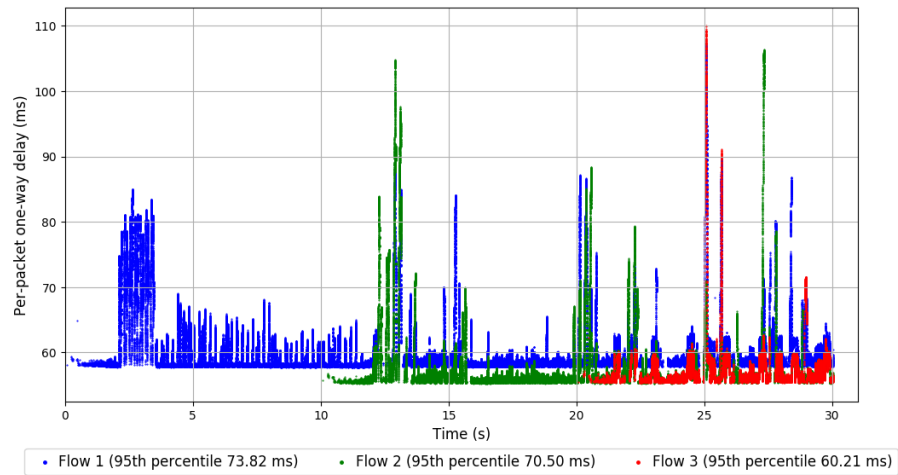
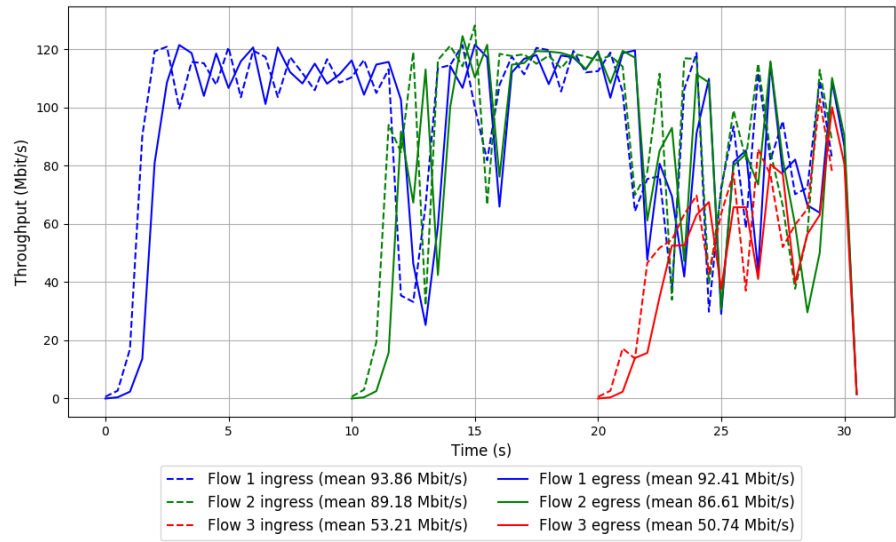


Run 5: Statistics of TCP BBR

Start at: 2018-07-24 17:11:05
End at: 2018-07-24 17:11:35
Local clock offset: -0.579 ms
Remote clock offset: -42.273 ms

Below is generated by plot.py at 2018-07-24 21:21:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 166.97 Mbit/s
95th percentile per-packet one-way delay: 72.244 ms
Loss rate: 2.33%
-- Flow 1:
Average throughput: 92.41 Mbit/s
95th percentile per-packet one-way delay: 73.816 ms
Loss rate: 1.53%
-- Flow 2:
Average throughput: 86.61 Mbit/s
95th percentile per-packet one-way delay: 70.505 ms
Loss rate: 2.88%
-- Flow 3:
Average throughput: 50.74 Mbit/s
95th percentile per-packet one-way delay: 60.211 ms
Loss rate: 4.65%

Run 5: Report of TCP BBR — Data Link

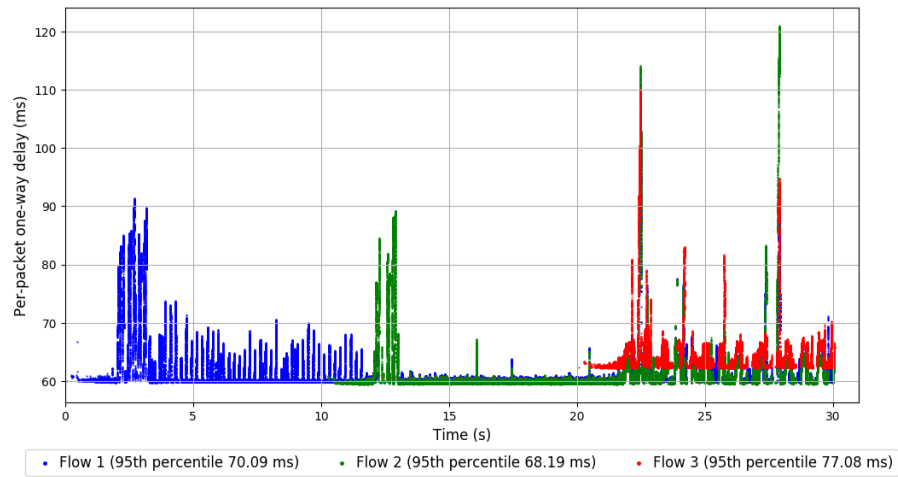
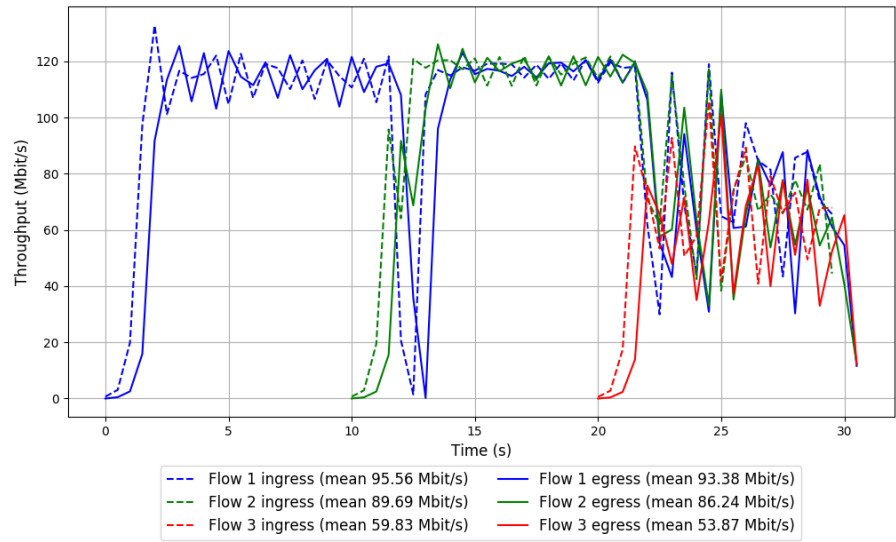


Run 6: Statistics of TCP BBR

Start at: 2018-07-24 17:41:17
End at: 2018-07-24 17:41:47
Local clock offset: -0.614 ms
Remote clock offset: -38.87 ms

Below is generated by plot.py at 2018-07-24 21:21:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 168.74 Mbit/s
95th percentile per-packet one-way delay: 70.438 ms
Loss rate: 3.67%
-- Flow 1:
Average throughput: 93.38 Mbit/s
95th percentile per-packet one-way delay: 70.090 ms
Loss rate: 2.27%
-- Flow 2:
Average throughput: 86.24 Mbit/s
95th percentile per-packet one-way delay: 68.192 ms
Loss rate: 3.83%
-- Flow 3:
Average throughput: 53.87 Mbit/s
95th percentile per-packet one-way delay: 77.076 ms
Loss rate: 9.93%

Run 6: Report of TCP BBR — Data Link

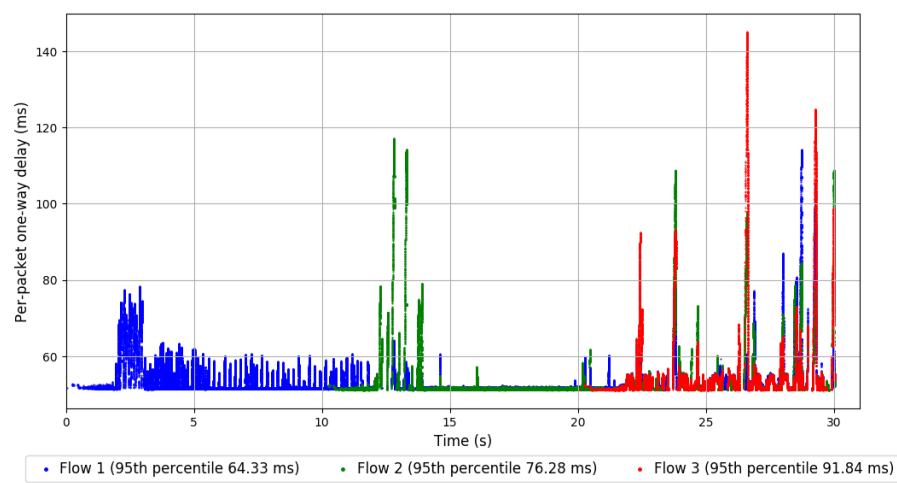
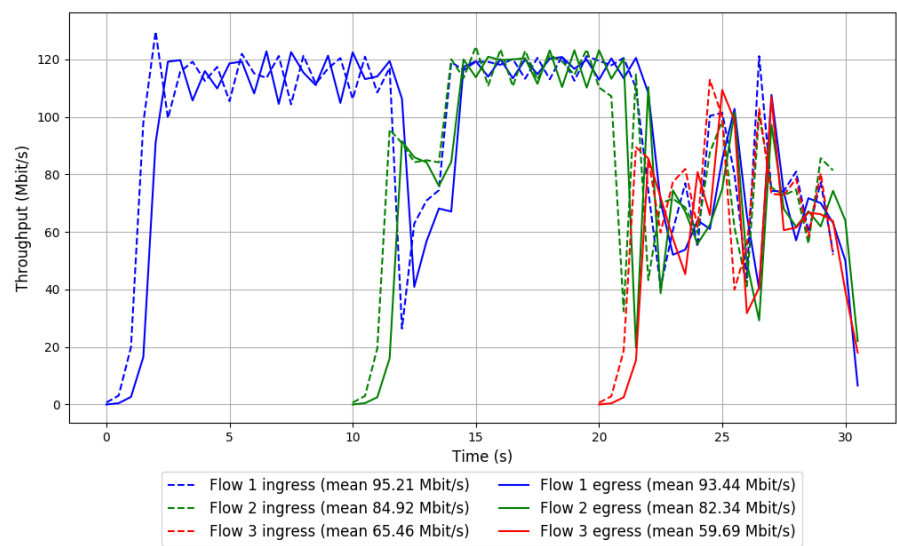


Run 7: Statistics of TCP BBR

Start at: 2018-07-24 18:28:01
End at: 2018-07-24 18:28:31
Local clock offset: -0.726 ms
Remote clock offset: -47.607 ms

Below is generated by plot.py at 2018-07-24 21:21:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 168.12 Mbit/s
95th percentile per-packet one-way delay: 70.604 ms
Loss rate: 3.10%
-- Flow 1:
Average throughput: 93.44 Mbit/s
95th percentile per-packet one-way delay: 64.334 ms
Loss rate: 1.85%
-- Flow 2:
Average throughput: 82.34 Mbit/s
95th percentile per-packet one-way delay: 76.283 ms
Loss rate: 3.03%
-- Flow 3:
Average throughput: 59.69 Mbit/s
95th percentile per-packet one-way delay: 91.836 ms
Loss rate: 8.79%

Run 7: Report of TCP BBR — Data Link

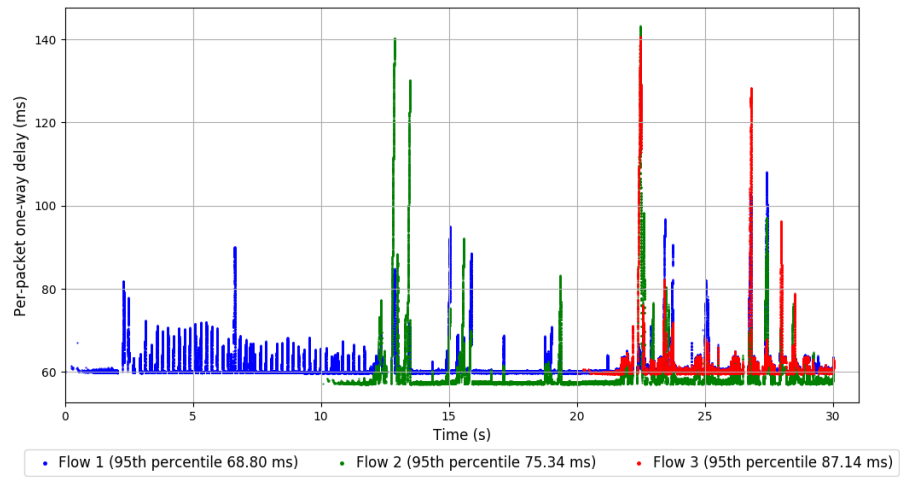
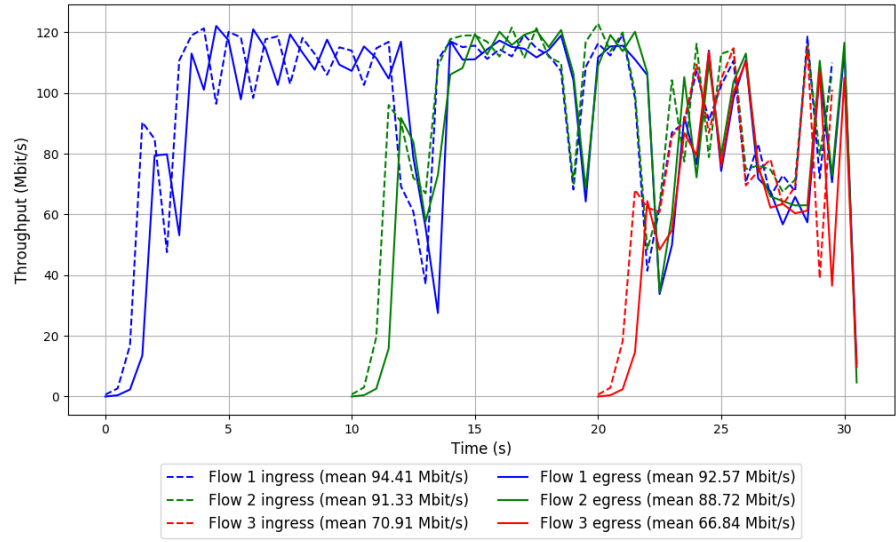


Run 8: Statistics of TCP BBR

Start at: 2018-07-24 19:24:39
End at: 2018-07-24 19:25:09
Local clock offset: -2.235 ms
Remote clock offset: -36.739 ms

Below is generated by plot.py at 2018-07-24 21:21:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 173.86 Mbit/s
95th percentile per-packet one-way delay: 71.479 ms
Loss rate: 2.76%
-- Flow 1:
Average throughput: 92.57 Mbit/s
95th percentile per-packet one-way delay: 68.798 ms
Loss rate: 1.96%
-- Flow 2:
Average throughput: 88.72 Mbit/s
95th percentile per-packet one-way delay: 75.336 ms
Loss rate: 2.85%
-- Flow 3:
Average throughput: 66.84 Mbit/s
95th percentile per-packet one-way delay: 87.144 ms
Loss rate: 5.73%

Run 8: Report of TCP BBR — Data Link

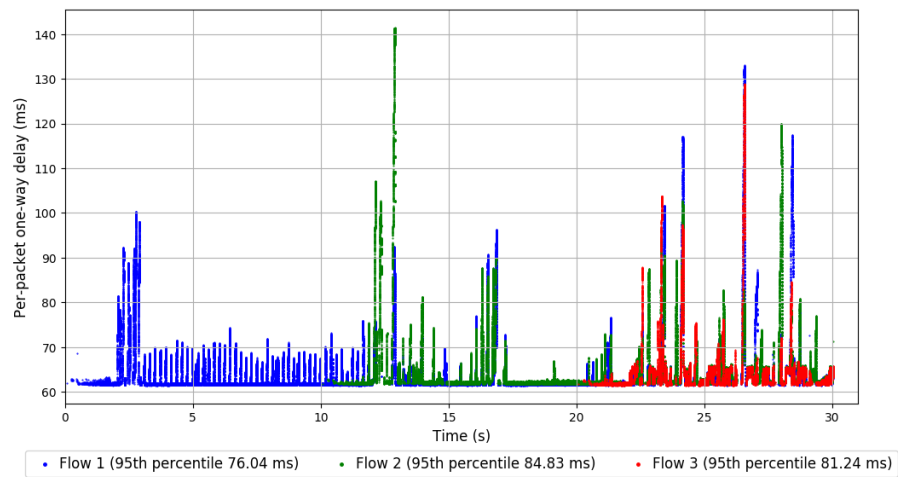
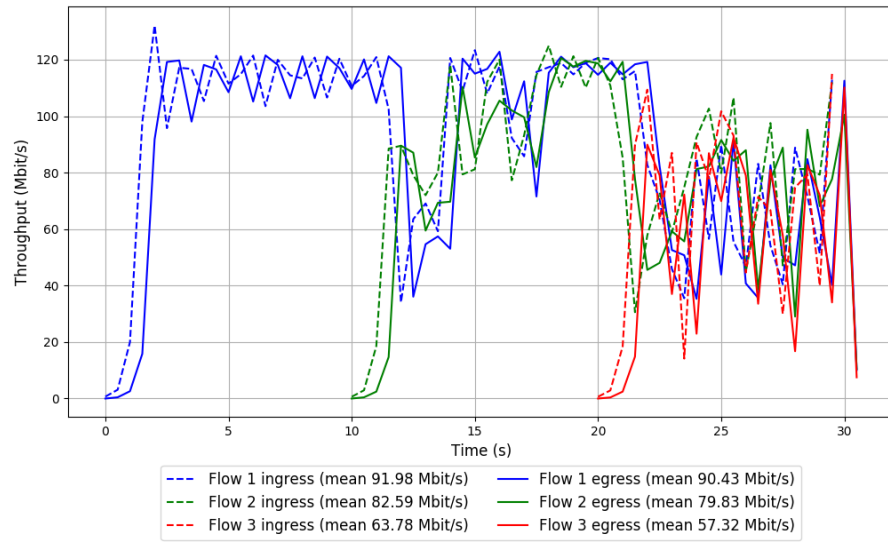


Run 9: Statistics of TCP BBR

Start at: 2018-07-24 20:12:12
End at: 2018-07-24 20:12:42
Local clock offset: -0.131 ms
Remote clock offset: -26.467 ms

Below is generated by plot.py at 2018-07-24 21:22:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 162.61 Mbit/s
95th percentile per-packet one-way delay: 80.226 ms
Loss rate: 3.27%
-- Flow 1:
Average throughput: 90.43 Mbit/s
95th percentile per-packet one-way delay: 76.037 ms
Loss rate: 1.67%
-- Flow 2:
Average throughput: 79.83 Mbit/s
95th percentile per-packet one-way delay: 84.827 ms
Loss rate: 3.30%
-- Flow 3:
Average throughput: 57.32 Mbit/s
95th percentile per-packet one-way delay: 81.243 ms
Loss rate: 10.10%

Run 9: Report of TCP BBR — Data Link

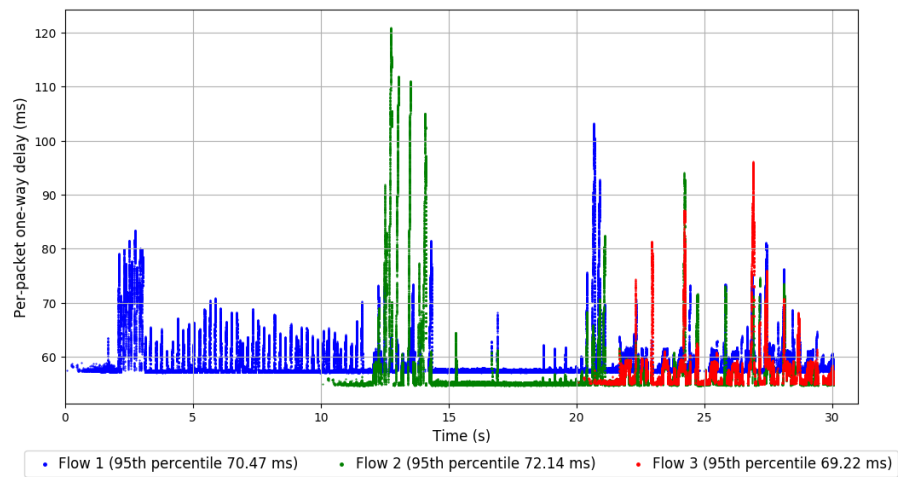
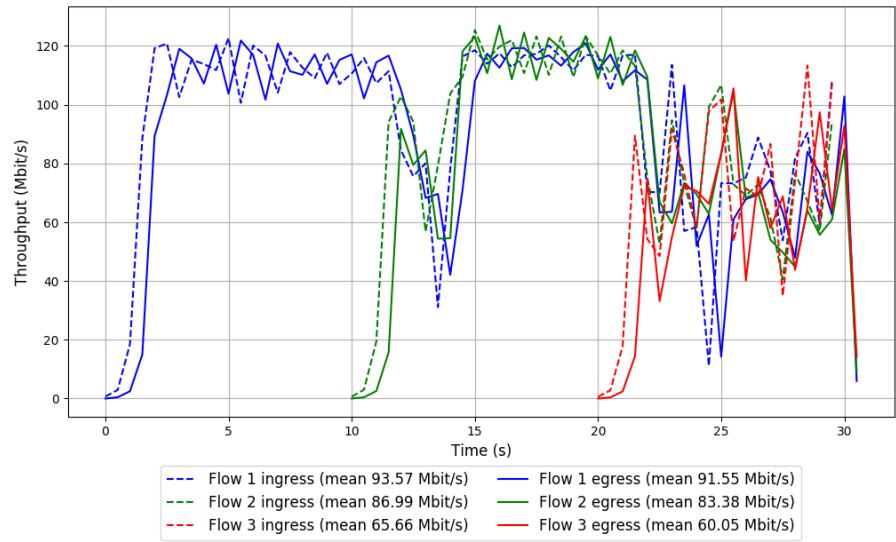


Run 10: Statistics of TCP BBR

Start at: 2018-07-24 20:59:34
End at: 2018-07-24 21:00:04
Local clock offset: -0.996 ms
Remote clock offset: -32.987 ms

Below is generated by plot.py at 2018-07-24 21:22:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 167.07 Mbit/s
95th percentile per-packet one-way delay: 70.604 ms
Loss rate: 3.63%
-- Flow 1:
Average throughput: 91.55 Mbit/s
95th percentile per-packet one-way delay: 70.473 ms
Loss rate: 2.16%
-- Flow 2:
Average throughput: 83.38 Mbit/s
95th percentile per-packet one-way delay: 72.145 ms
Loss rate: 4.14%
-- Flow 3:
Average throughput: 60.05 Mbit/s
95th percentile per-packet one-way delay: 69.221 ms
Loss rate: 8.54%

Run 10: Report of TCP BBR — Data Link

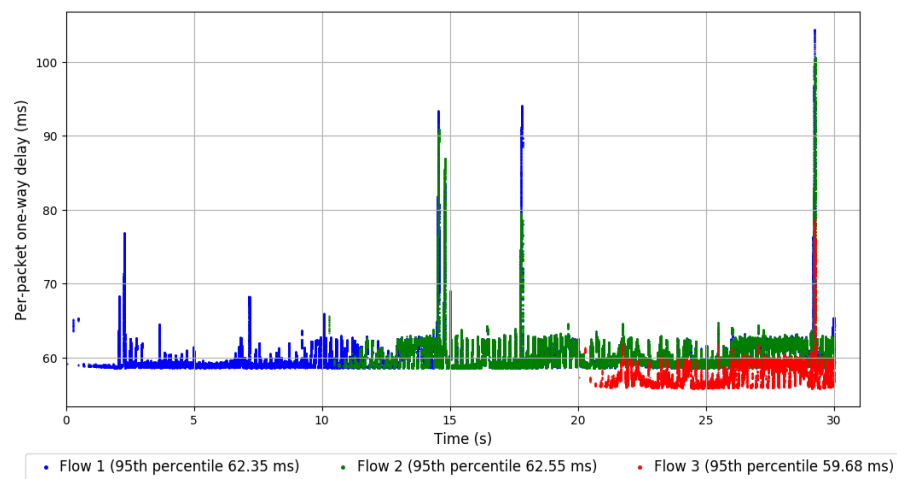
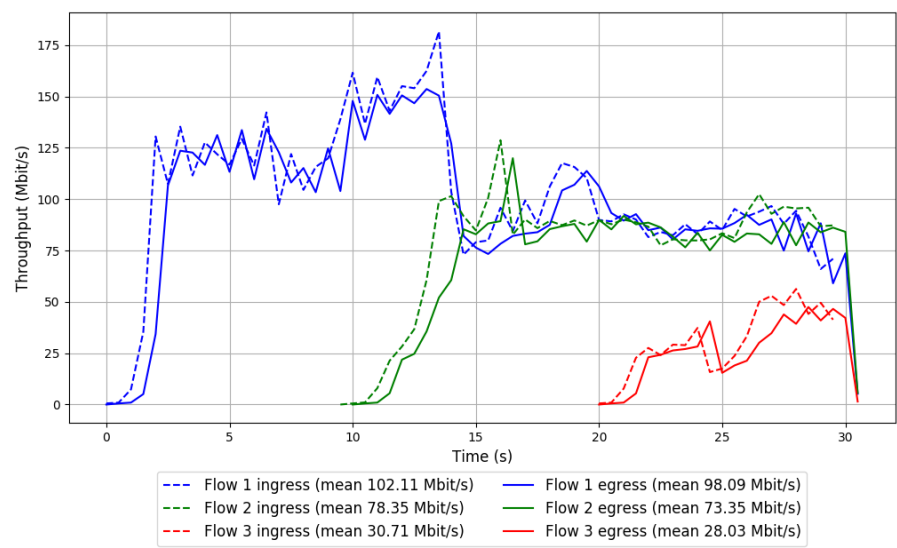


Run 1: Statistics of Copa

Start at: 2018-07-24 14:23:56
End at: 2018-07-24 14:24:26
Local clock offset: 2.173 ms
Remote clock offset: -30.743 ms

Below is generated by plot.py at 2018-07-24 21:24:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 156.30 Mbit/s
95th percentile per-packet one-way delay: 62.406 ms
Loss rate: 5.00%
-- Flow 1:
Average throughput: 98.09 Mbit/s
95th percentile per-packet one-way delay: 62.355 ms
Loss rate: 3.92%
-- Flow 2:
Average throughput: 73.35 Mbit/s
95th percentile per-packet one-way delay: 62.546 ms
Loss rate: 6.37%
-- Flow 3:
Average throughput: 28.03 Mbit/s
95th percentile per-packet one-way delay: 59.681 ms
Loss rate: 8.70%

Run 1: Report of Copa — Data Link

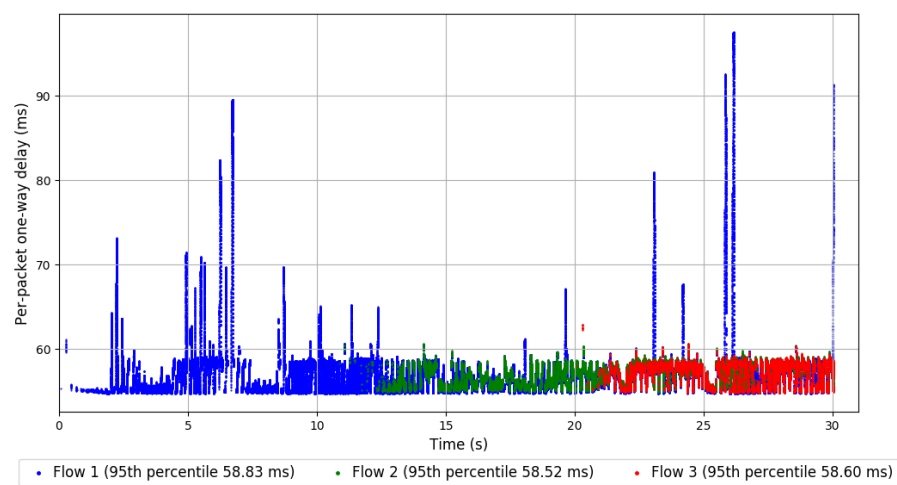
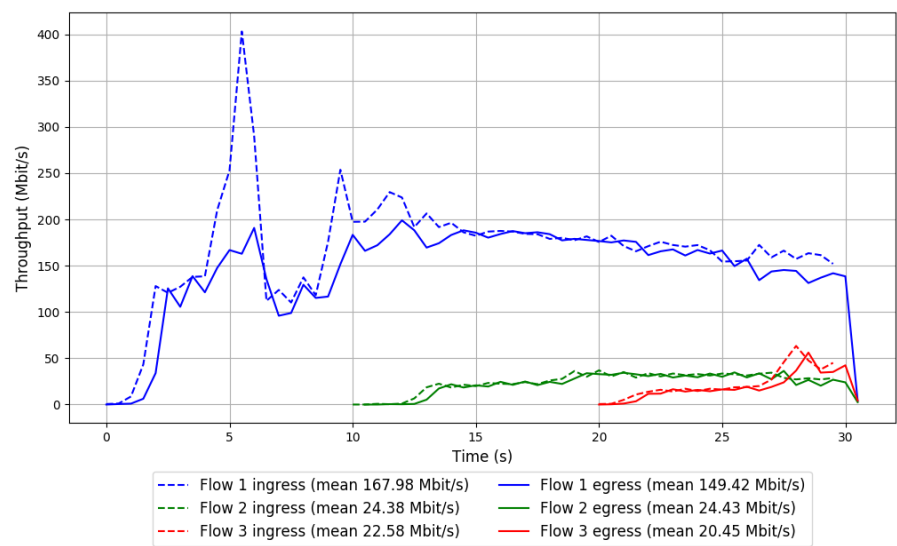


Run 2: Statistics of Copa

Start at: 2018-07-24 14:59:39
End at: 2018-07-24 15:00:09
Local clock offset: 1.645 ms
Remote clock offset: -33.077 ms

Below is generated by plot.py at 2018-07-24 21:24:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 171.84 Mbit/s
95th percentile per-packet one-way delay: 58.725 ms
Loss rate: 10.36%
-- Flow 1:
Average throughput: 149.42 Mbit/s
95th percentile per-packet one-way delay: 58.826 ms
Loss rate: 11.04%
-- Flow 2:
Average throughput: 24.43 Mbit/s
95th percentile per-packet one-way delay: 58.518 ms
Loss rate: 3.84%
-- Flow 3:
Average throughput: 20.45 Mbit/s
95th percentile per-packet one-way delay: 58.605 ms
Loss rate: 9.45%

Run 2: Report of Copa — Data Link

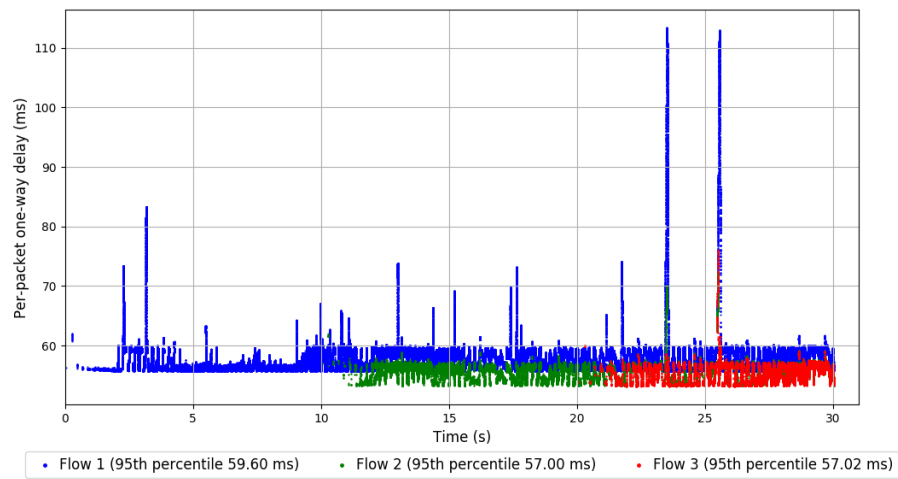
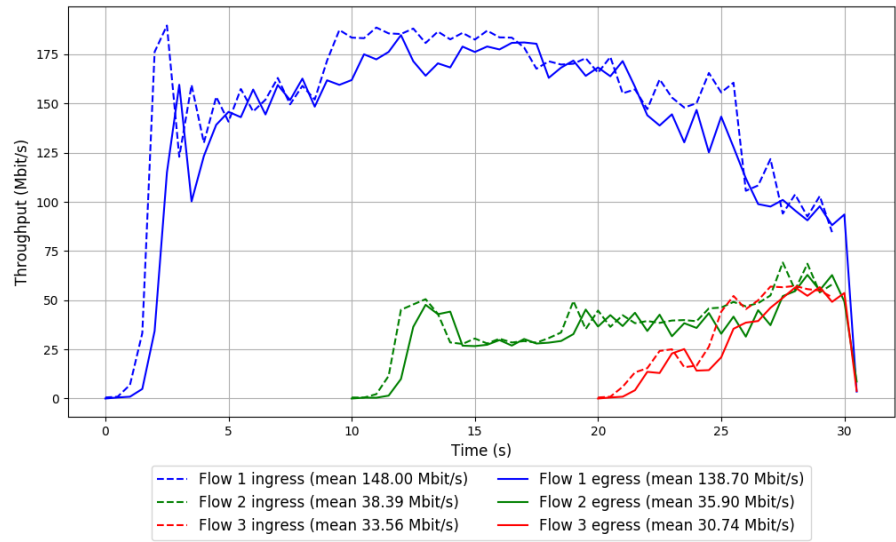


Run 3: Statistics of Copa

Start at: 2018-07-24 15:35:13
End at: 2018-07-24 15:35:43
Local clock offset: -0.154 ms
Remote clock offset: -37.216 ms

Below is generated by plot.py at 2018-07-24 21:24:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 172.83 Mbit/s
95th percentile per-packet one-way delay: 59.514 ms
Loss rate: 6.45%
-- Flow 1:
Average throughput: 138.70 Mbit/s
95th percentile per-packet one-way delay: 59.598 ms
Loss rate: 6.29%
-- Flow 2:
Average throughput: 35.90 Mbit/s
95th percentile per-packet one-way delay: 57.004 ms
Loss rate: 6.52%
-- Flow 3:
Average throughput: 30.74 Mbit/s
95th percentile per-packet one-way delay: 57.017 ms
Loss rate: 8.41%

Run 3: Report of Copa — Data Link

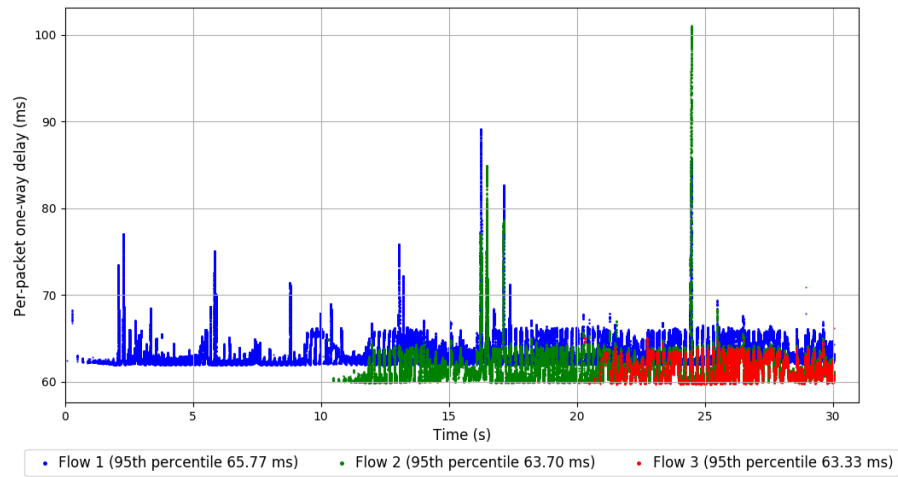
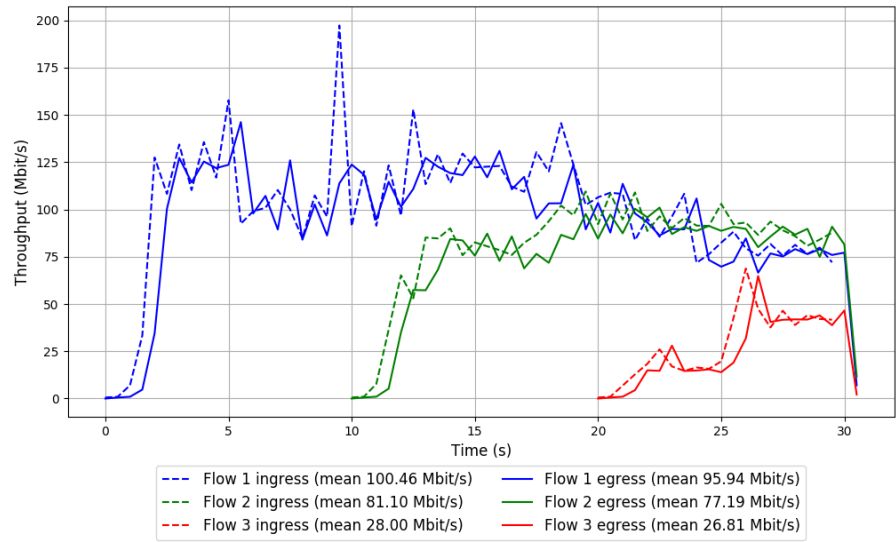


Run 4: Statistics of Copa

Start at: 2018-07-24 16:10:38
End at: 2018-07-24 16:11:08
Local clock offset: -1.075 ms
Remote clock offset: -34.647 ms

Below is generated by plot.py at 2018-07-24 21:24:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 156.25 Mbit/s
95th percentile per-packet one-way delay: 65.627 ms
Loss rate: 4.59%
-- Flow 1:
Average throughput: 95.94 Mbit/s
95th percentile per-packet one-way delay: 65.772 ms
Loss rate: 4.49%
-- Flow 2:
Average throughput: 77.19 Mbit/s
95th percentile per-packet one-way delay: 63.701 ms
Loss rate: 4.84%
-- Flow 3:
Average throughput: 26.81 Mbit/s
95th percentile per-packet one-way delay: 63.327 ms
Loss rate: 4.19%

Run 4: Report of Copa — Data Link

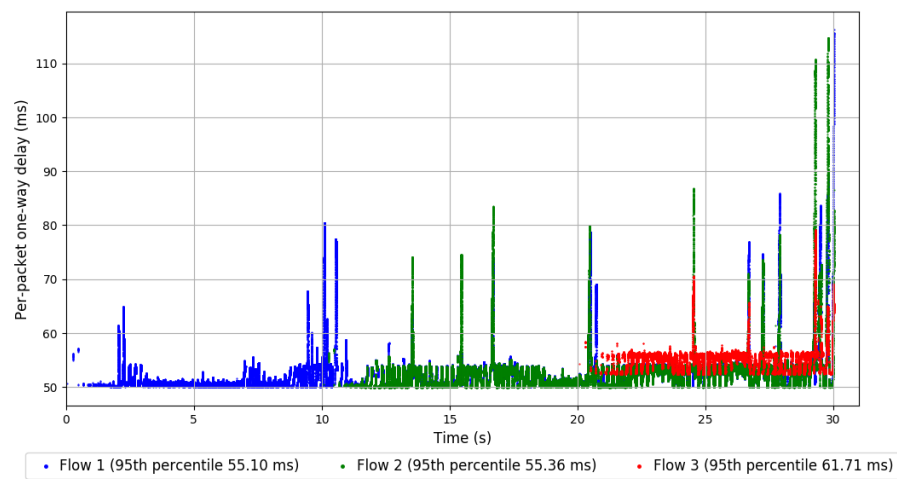
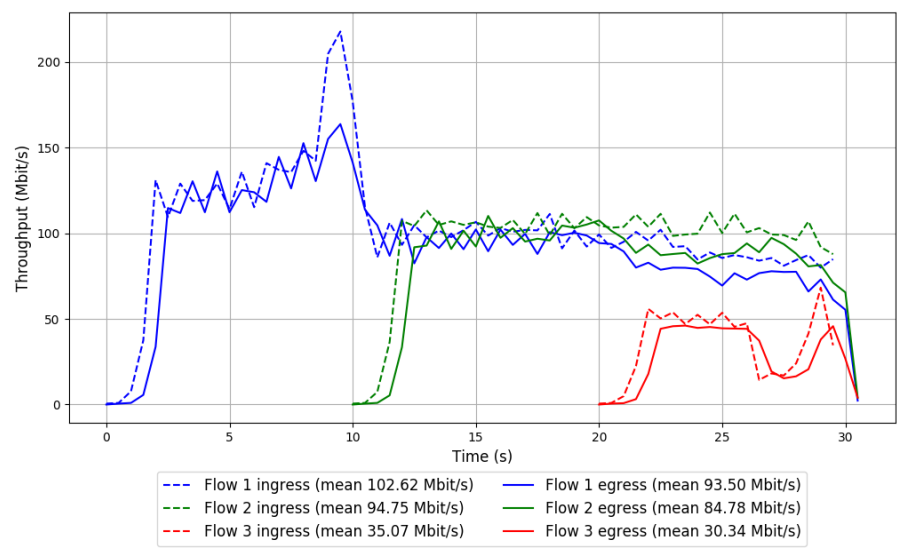


Run 5: Statistics of Copa

Start at: 2018-07-24 16:41:14
End at: 2018-07-24 16:41:44
Local clock offset: 0.787 ms
Remote clock offset: -44.595 ms

Below is generated by plot.py at 2018-07-24 21:24:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 160.07 Mbit/s
95th percentile per-packet one-way delay: 56.249 ms
Loss rate: 9.76%
-- Flow 1:
Average throughput: 93.50 Mbit/s
95th percentile per-packet one-way delay: 55.097 ms
Loss rate: 8.88%
-- Flow 2:
Average throughput: 84.78 Mbit/s
95th percentile per-packet one-way delay: 55.357 ms
Loss rate: 10.50%
-- Flow 3:
Average throughput: 30.34 Mbit/s
95th percentile per-packet one-way delay: 61.710 ms
Loss rate: 13.47%

Run 5: Report of Copa — Data Link

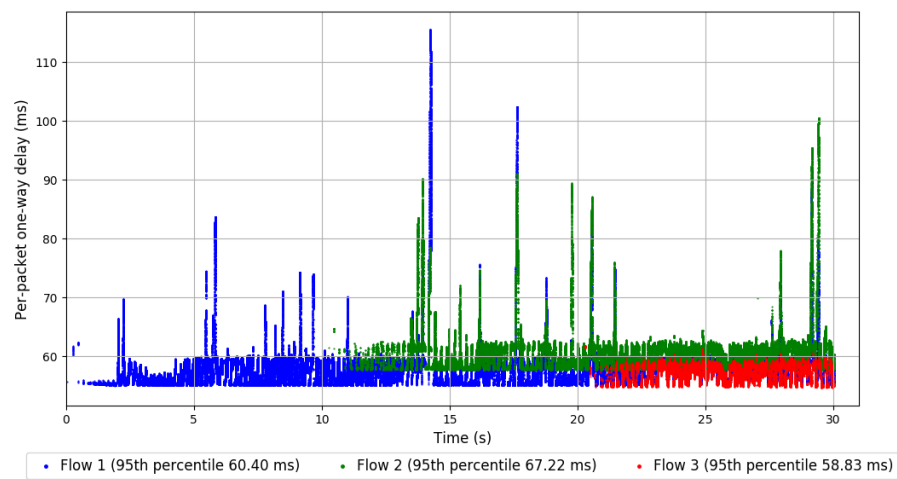
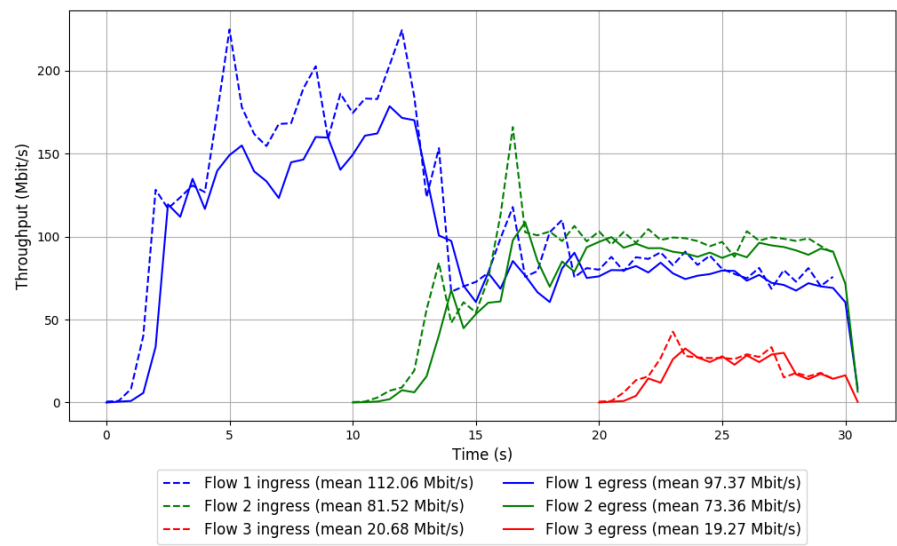


Run 6: Statistics of Copa

Start at: 2018-07-24 17:26:28
End at: 2018-07-24 17:26:58
Local clock offset: -0.696 ms
Remote clock offset: -43.328 ms

Below is generated by plot.py at 2018-07-24 21:24:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 152.14 Mbit/s
95th percentile per-packet one-way delay: 62.501 ms
Loss rate: 12.17%
-- Flow 1:
Average throughput: 97.37 Mbit/s
95th percentile per-packet one-way delay: 60.401 ms
Loss rate: 13.10%
-- Flow 2:
Average throughput: 73.36 Mbit/s
95th percentile per-packet one-way delay: 67.219 ms
Loss rate: 10.93%
-- Flow 3:
Average throughput: 19.27 Mbit/s
95th percentile per-packet one-way delay: 58.833 ms
Loss rate: 6.81%

Run 6: Report of Copa — Data Link

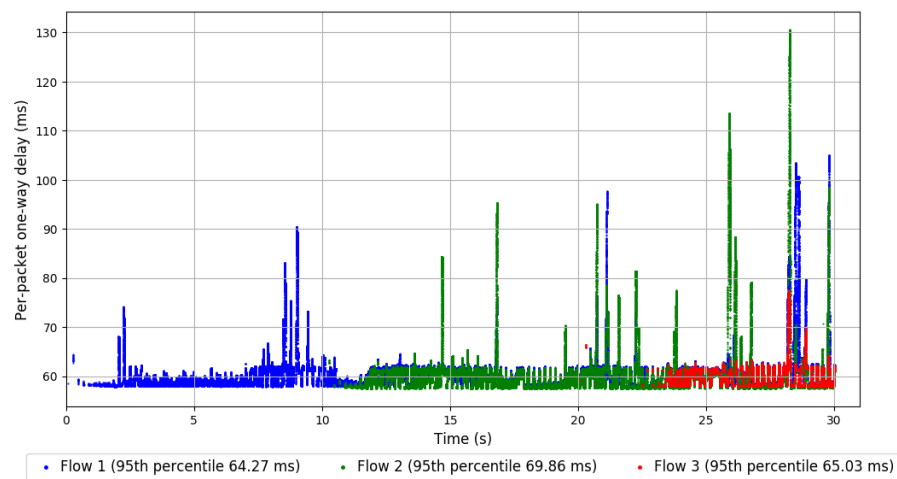
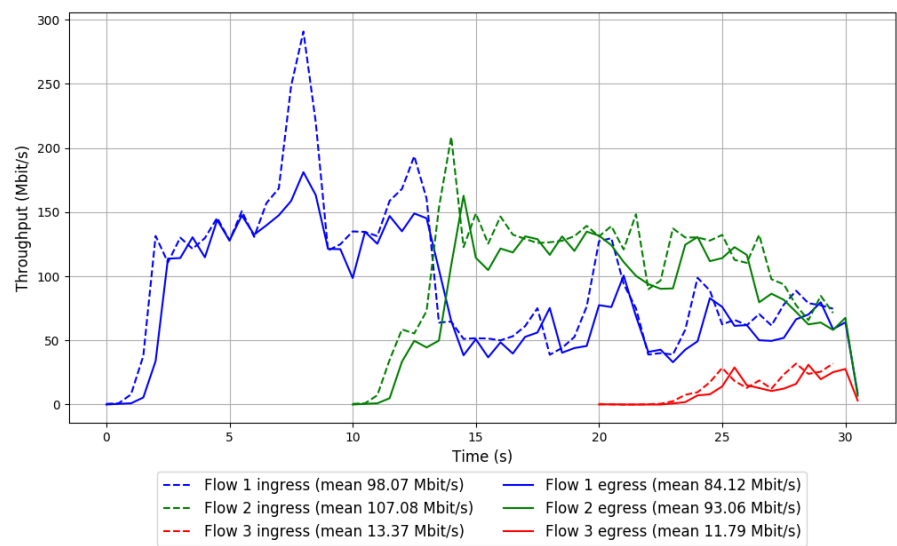


Run 7: Statistics of Copa

Start at: 2018-07-24 17:56:30
End at: 2018-07-24 17:57:00
Local clock offset: -1.06 ms
Remote clock offset: -41.491 ms

Below is generated by plot.py at 2018-07-24 21:26:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 150.03 Mbit/s
95th percentile per-packet one-way delay: 66.796 ms
Loss rate: 13.69%
-- Flow 1:
Average throughput: 84.12 Mbit/s
95th percentile per-packet one-way delay: 64.274 ms
Loss rate: 14.22%
-- Flow 2:
Average throughput: 93.06 Mbit/s
95th percentile per-packet one-way delay: 69.858 ms
Loss rate: 13.08%
-- Flow 3:
Average throughput: 11.79 Mbit/s
95th percentile per-packet one-way delay: 65.029 ms
Loss rate: 11.78%

Run 7: Report of Copa — Data Link

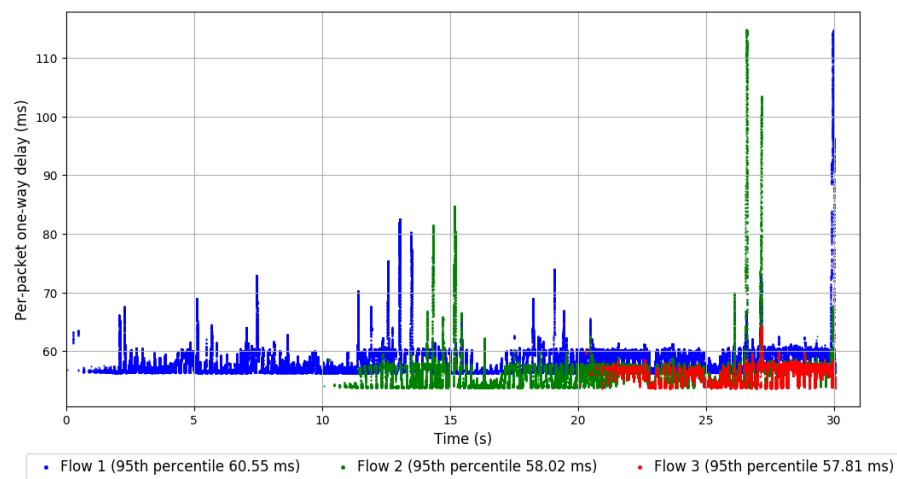
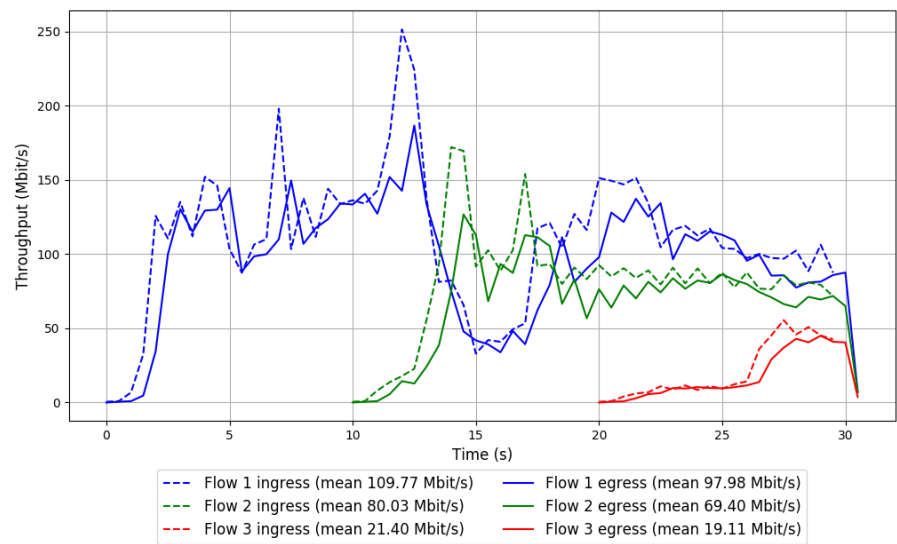


Run 8: Statistics of Copa

Start at: 2018-07-24 18:48:56
End at: 2018-07-24 18:49:26
Local clock offset: -0.188 ms
Remote clock offset: -42.402 ms

```
# Below is generated by plot.py at 2018-07-24 21:26:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 150.57 Mbit/s
95th percentile per-packet one-way delay: 60.307 ms
Loss rate: 11.53%
-- Flow 1:
Average throughput: 97.98 Mbit/s
95th percentile per-packet one-way delay: 60.552 ms
Loss rate: 10.74%
-- Flow 2:
Average throughput: 69.40 Mbit/s
95th percentile per-packet one-way delay: 58.018 ms
Loss rate: 13.27%
-- Flow 3:
Average throughput: 19.11 Mbit/s
95th percentile per-packet one-way delay: 57.812 ms
Loss rate: 10.71%
```

Run 8: Report of Copa — Data Link

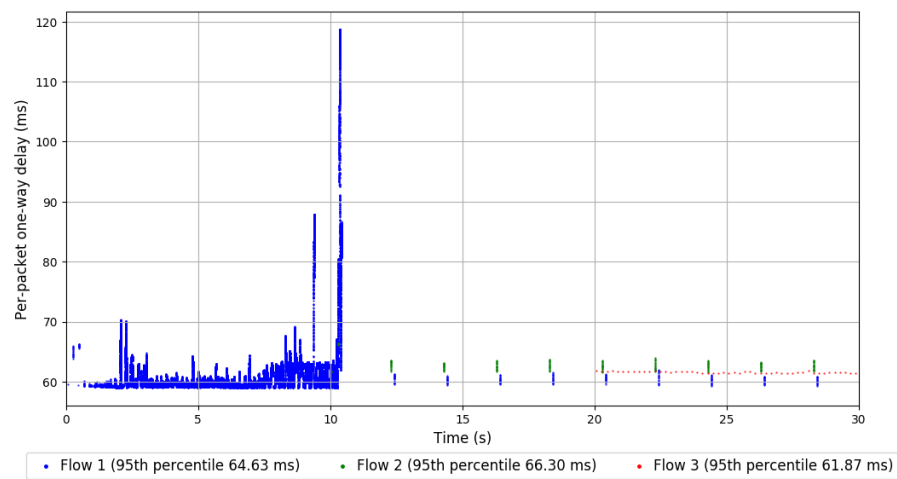
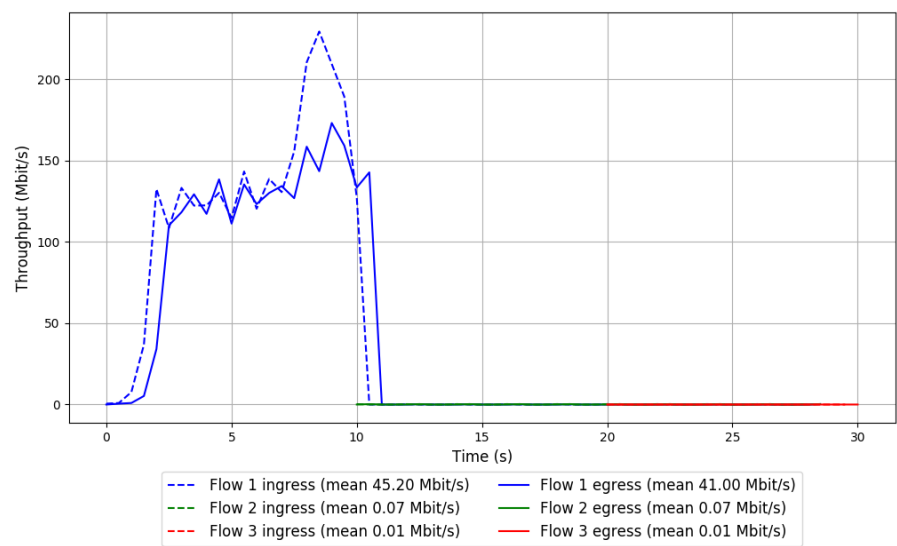


Run 9: Statistics of Copa

Start at: 2018-07-24 19:34:44
End at: 2018-07-24 19:35:14
Local clock offset: -0.129 ms
Remote clock offset: -31.44 ms

Below is generated by plot.py at 2018-07-24 21:26:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 39.05 Mbit/s
95th percentile per-packet one-way delay: 64.633 ms
Loss rate: 9.27%
-- Flow 1:
Average throughput: 41.00 Mbit/s
95th percentile per-packet one-way delay: 64.631 ms
Loss rate: 9.28%
-- Flow 2:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 66.297 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.01 Mbit/s
95th percentile per-packet one-way delay: 61.871 ms
Loss rate: 0.00%

Run 9: Report of Copa — Data Link

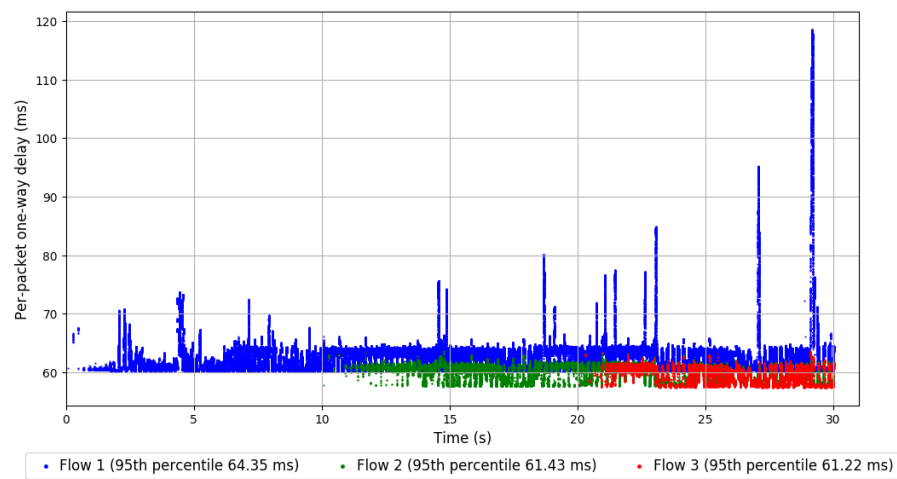
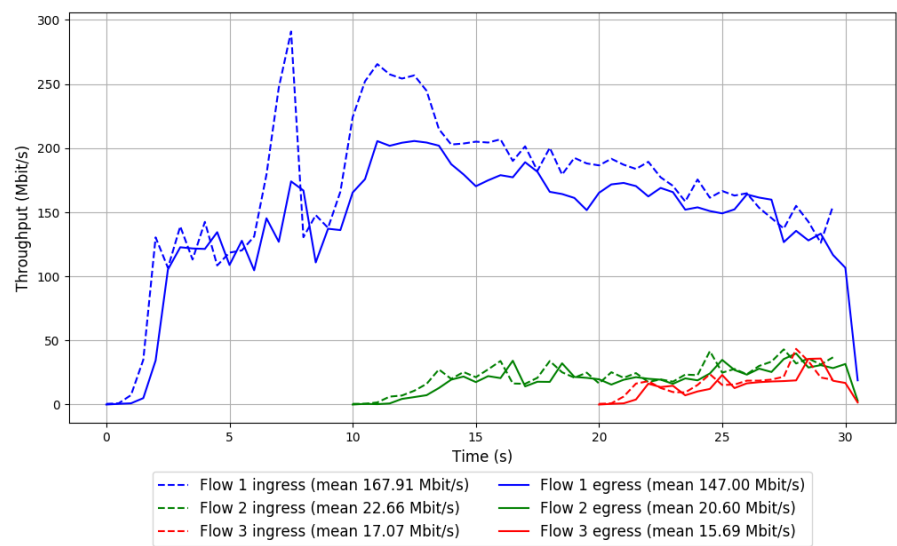


Run 10: Statistics of Copa

Start at: 2018-07-24 20:33:29
End at: 2018-07-24 20:33:59
Local clock offset: -0.528 ms
Remote clock offset: -30.016 ms

Below is generated by plot.py at 2018-07-24 21:27:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 165.94 Mbit/s
95th percentile per-packet one-way delay: 64.273 ms
Loss rate: 12.04%
-- Flow 1:
Average throughput: 147.00 Mbit/s
95th percentile per-packet one-way delay: 64.352 ms
Loss rate: 12.45%
-- Flow 2:
Average throughput: 20.60 Mbit/s
95th percentile per-packet one-way delay: 61.434 ms
Loss rate: 9.07%
-- Flow 3:
Average throughput: 15.69 Mbit/s
95th percentile per-packet one-way delay: 61.224 ms
Loss rate: 8.02%

Run 10: Report of Copa — Data Link

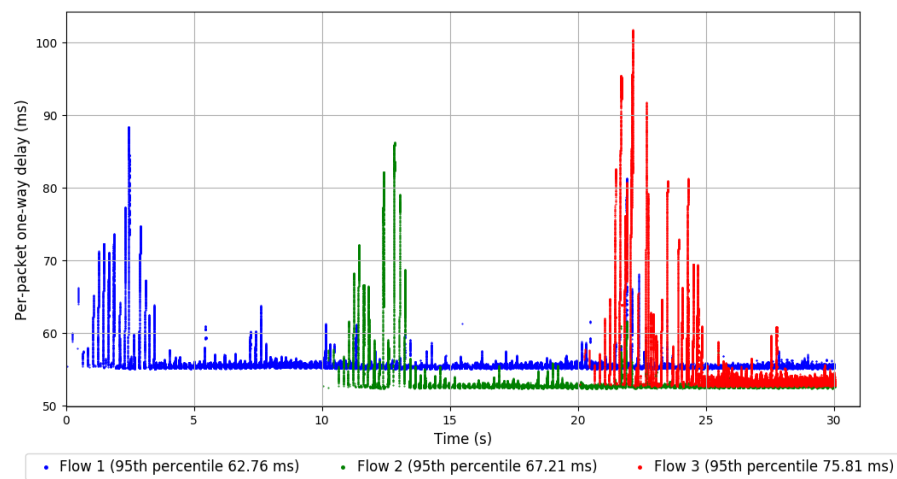
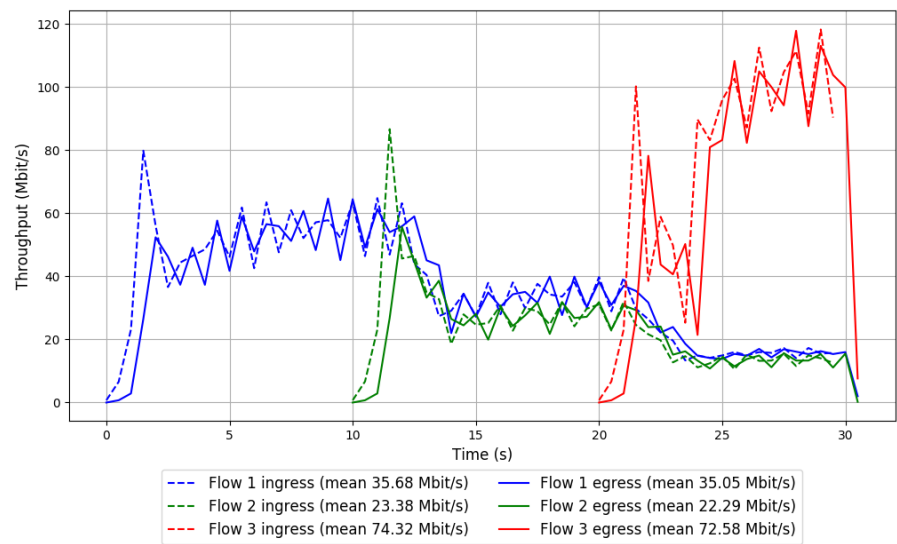


Run 1: Statistics of TCP Cubic

Start at: 2018-07-24 14:31:02
End at: 2018-07-24 14:31:32
Local clock offset: -0.166 ms
Remote clock offset: -36.48 ms

Below is generated by plot.py at 2018-07-24 21:27:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.02 Mbit/s
95th percentile per-packet one-way delay: 68.093 ms
Loss rate: 2.55%
-- Flow 1:
Average throughput: 35.05 Mbit/s
95th percentile per-packet one-way delay: 62.764 ms
Loss rate: 1.77%
-- Flow 2:
Average throughput: 22.29 Mbit/s
95th percentile per-packet one-way delay: 67.208 ms
Loss rate: 4.67%
-- Flow 3:
Average throughput: 72.58 Mbit/s
95th percentile per-packet one-way delay: 75.808 ms
Loss rate: 2.35%

Run 1: Report of TCP Cubic — Data Link

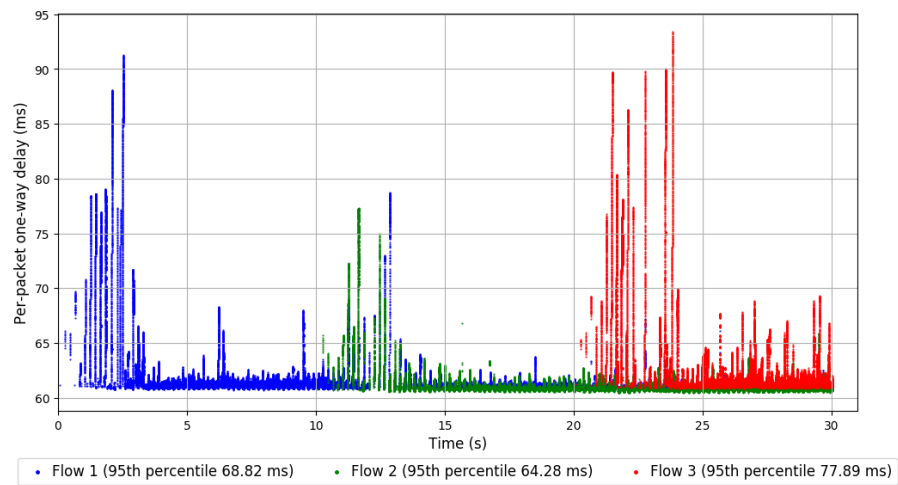
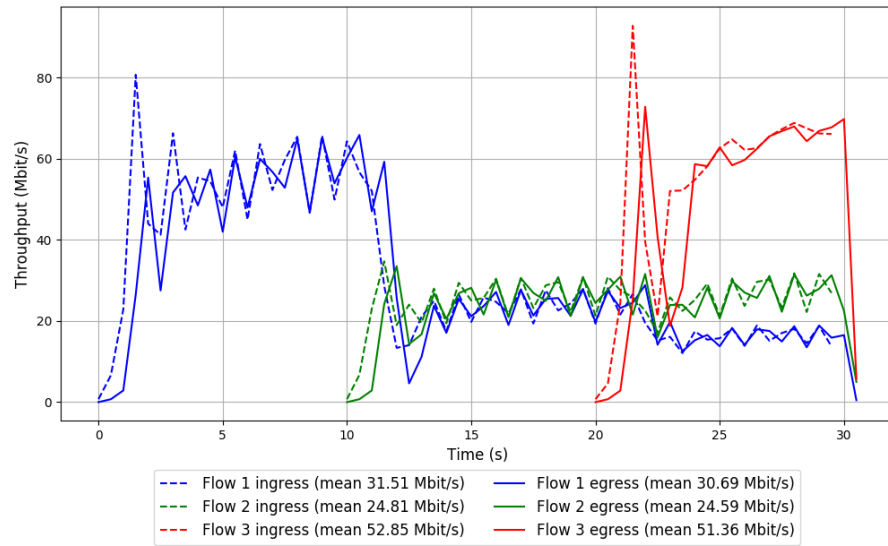


Run 2: Statistics of TCP Cubic

Start at: 2018-07-24 15:01:13
End at: 2018-07-24 15:01:43
Local clock offset: -0.836 ms
Remote clock offset: -29.703 ms

Below is generated by plot.py at 2018-07-24 21:27:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 64.14 Mbit/s
95th percentile per-packet one-way delay: 71.656 ms
Loss rate: 2.23%
-- Flow 1:
Average throughput: 30.69 Mbit/s
95th percentile per-packet one-way delay: 68.823 ms
Loss rate: 2.62%
-- Flow 2:
Average throughput: 24.59 Mbit/s
95th percentile per-packet one-way delay: 64.276 ms
Loss rate: 0.87%
-- Flow 3:
Average throughput: 51.36 Mbit/s
95th percentile per-packet one-way delay: 77.893 ms
Loss rate: 2.81%

Run 2: Report of TCP Cubic — Data Link

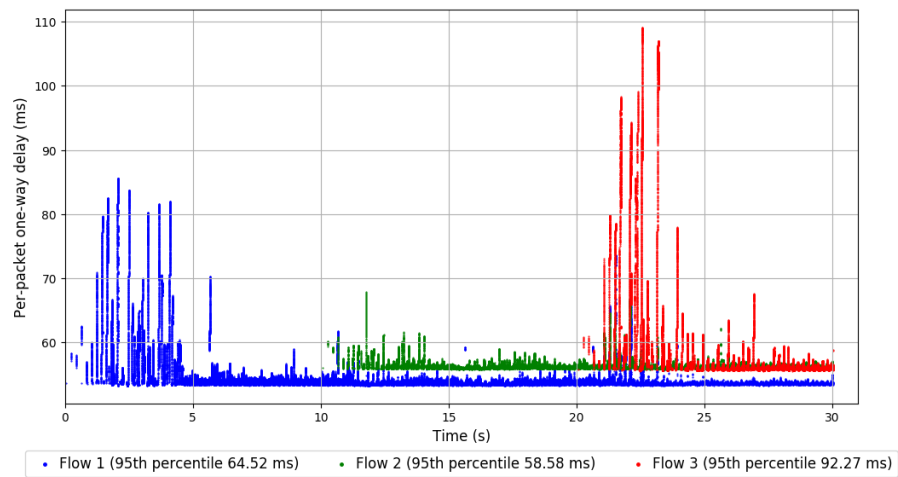
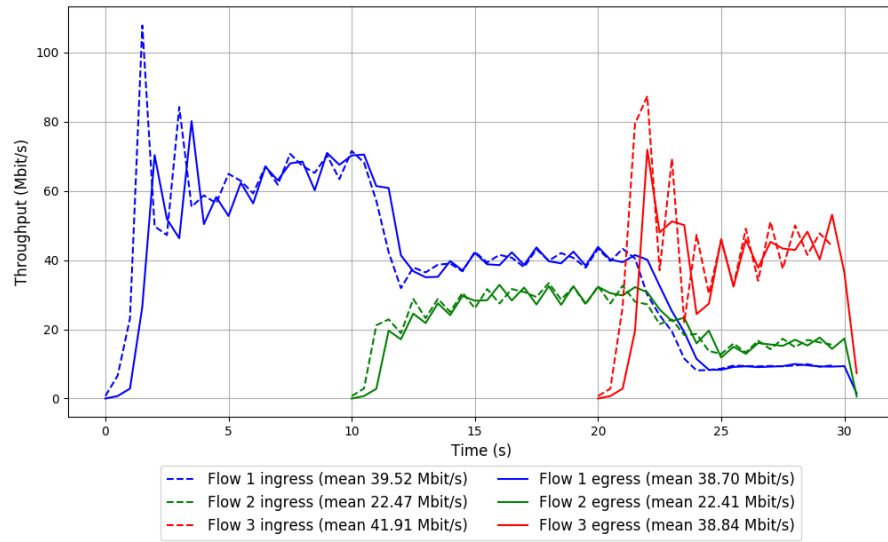


Run 3: Statistics of TCP Cubic

Start at: 2018-07-24 15:36:47
End at: 2018-07-24 15:37:17
Local clock offset: -2.601 ms
Remote clock offset: -40.18 ms

Below is generated by plot.py at 2018-07-24 21:27:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 66.51 Mbit/s
95th percentile per-packet one-way delay: 69.276 ms
Loss rate: 2.75%
-- Flow 1:
Average throughput: 38.70 Mbit/s
95th percentile per-packet one-way delay: 64.523 ms
Loss rate: 2.08%
-- Flow 2:
Average throughput: 22.41 Mbit/s
95th percentile per-packet one-way delay: 58.577 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 38.84 Mbit/s
95th percentile per-packet one-way delay: 92.274 ms
Loss rate: 7.33%

Run 3: Report of TCP Cubic — Data Link

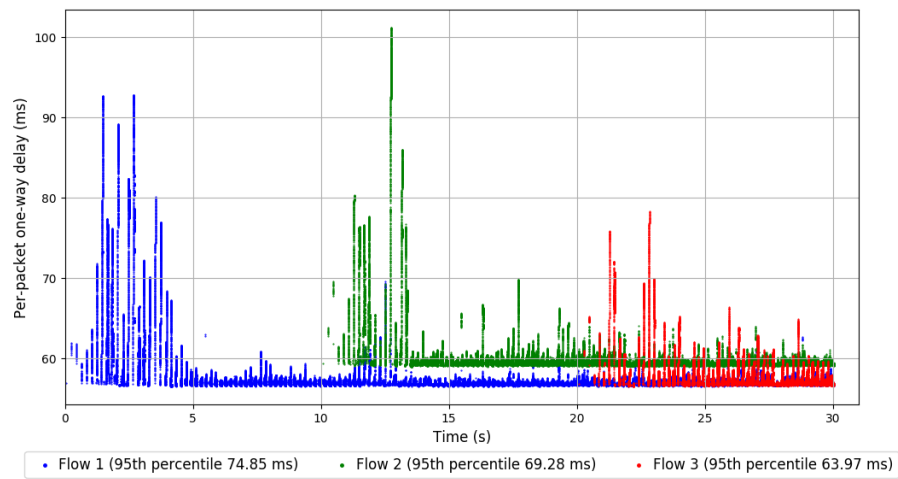
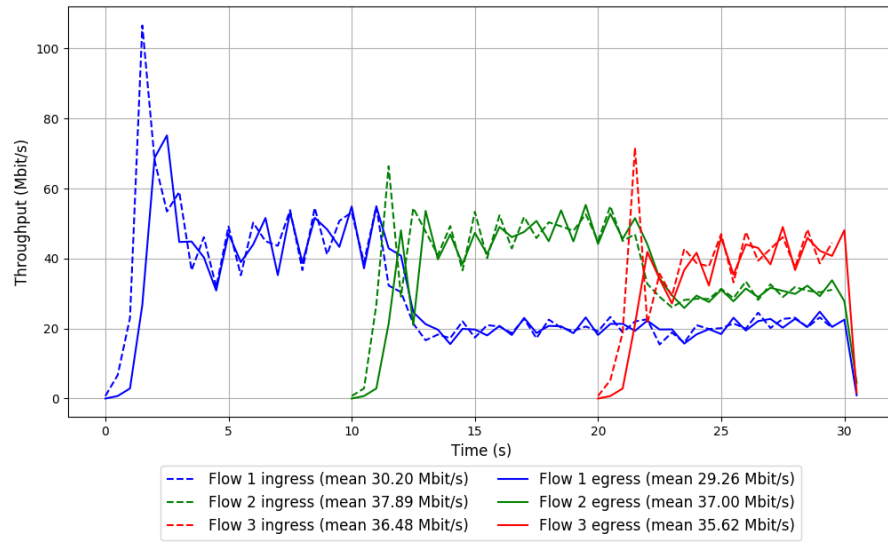


Run 4: Statistics of TCP Cubic

Start at: 2018-07-24 16:12:10
End at: 2018-07-24 16:12:40
Local clock offset: -1.263 ms
Remote clock offset: -38.233 ms

Below is generated by plot.py at 2018-07-24 21:27:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 65.74 Mbit/s
95th percentile per-packet one-way delay: 70.018 ms
Loss rate: 2.70%
-- Flow 1:
Average throughput: 29.26 Mbit/s
95th percentile per-packet one-way delay: 74.847 ms
Loss rate: 3.12%
-- Flow 2:
Average throughput: 37.00 Mbit/s
95th percentile per-packet one-way delay: 69.281 ms
Loss rate: 2.37%
-- Flow 3:
Average throughput: 35.62 Mbit/s
95th percentile per-packet one-way delay: 63.973 ms
Loss rate: 2.35%

Run 4: Report of TCP Cubic — Data Link

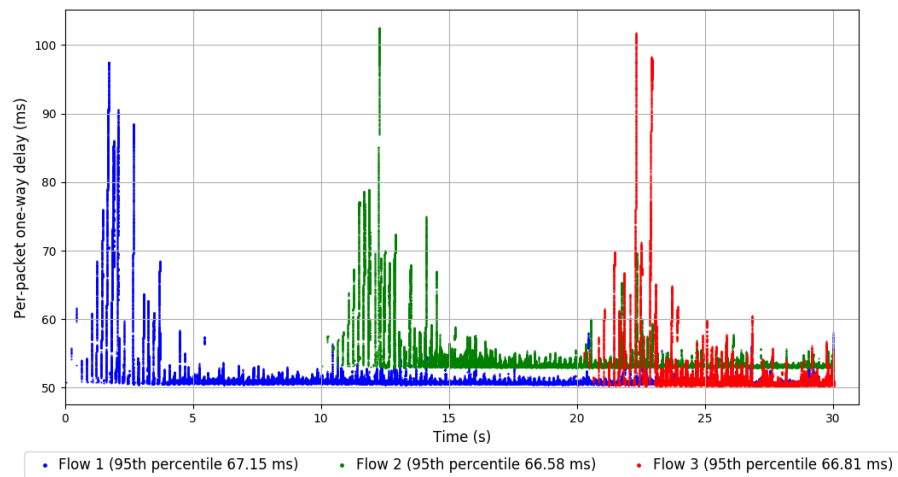
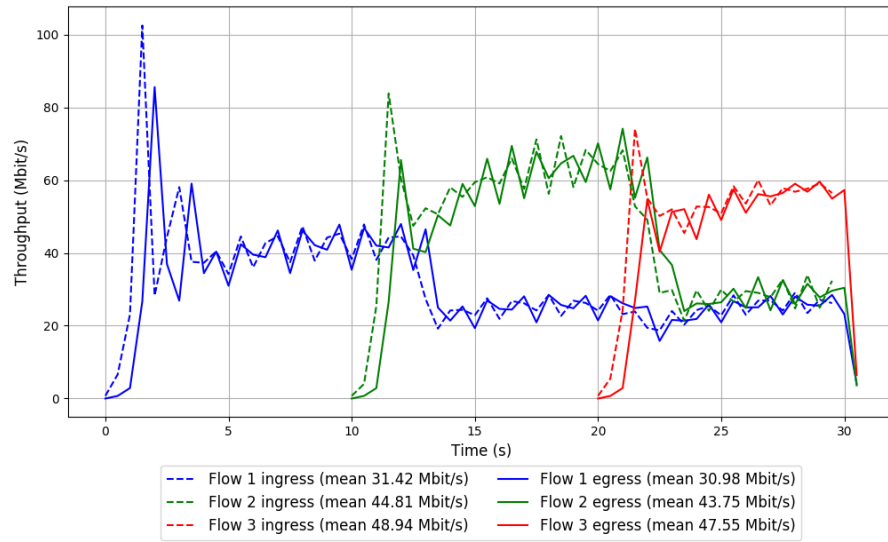


Run 5: Statistics of TCP Cubic

Start at: 2018-07-24 16:42:47
End at: 2018-07-24 16:43:18
Local clock offset: 0.678 ms
Remote clock offset: -44.724 ms

Below is generated by plot.py at 2018-07-24 21:27:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.91 Mbit/s
95th percentile per-packet one-way delay: 66.699 ms
Loss rate: 2.08%
-- Flow 1:
Average throughput: 30.98 Mbit/s
95th percentile per-packet one-way delay: 67.154 ms
Loss rate: 1.40%
-- Flow 2:
Average throughput: 43.75 Mbit/s
95th percentile per-packet one-way delay: 66.576 ms
Loss rate: 2.37%
-- Flow 3:
Average throughput: 47.55 Mbit/s
95th percentile per-packet one-way delay: 66.806 ms
Loss rate: 2.85%

Run 5: Report of TCP Cubic — Data Link

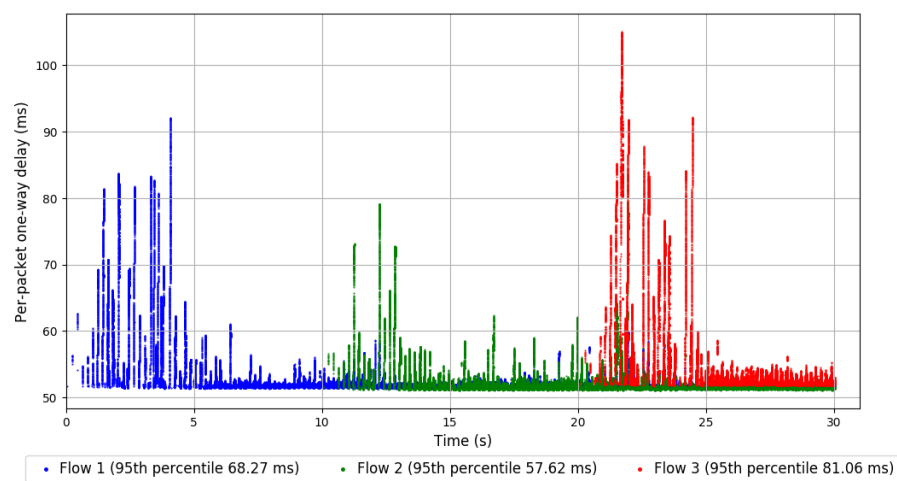
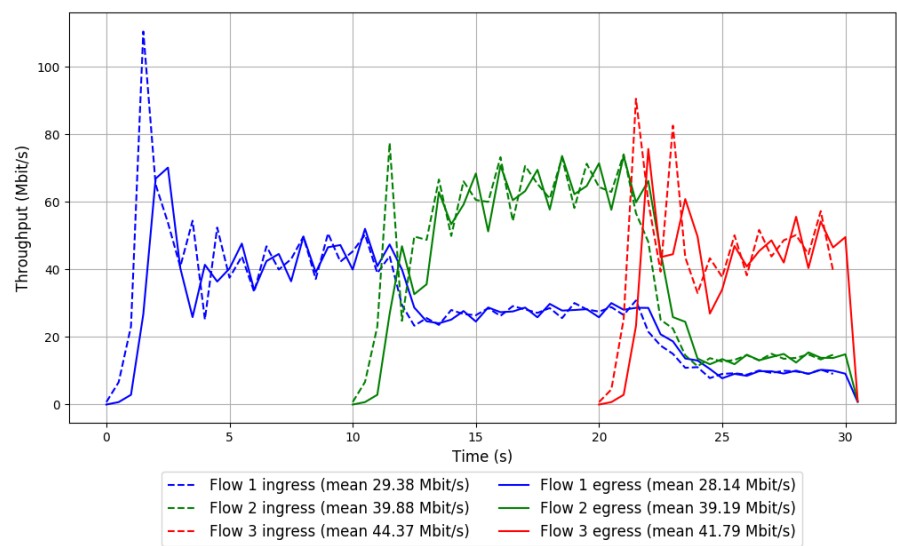


Run 6: Statistics of TCP Cubic

Start at: 2018-07-24 17:28:03
End at: 2018-07-24 17:28:33
Local clock offset: -0.544 ms
Remote clock offset: -46.992 ms

Below is generated by plot.py at 2018-07-24 21:27:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 68.14 Mbit/s
95th percentile per-packet one-way delay: 68.959 ms
Loss rate: 3.63%
-- Flow 1:
Average throughput: 28.14 Mbit/s
95th percentile per-packet one-way delay: 68.274 ms
Loss rate: 4.25%
-- Flow 2:
Average throughput: 39.19 Mbit/s
95th percentile per-packet one-way delay: 57.623 ms
Loss rate: 1.72%
-- Flow 3:
Average throughput: 41.79 Mbit/s
95th percentile per-packet one-way delay: 81.059 ms
Loss rate: 5.82%

Run 6: Report of TCP Cubic — Data Link

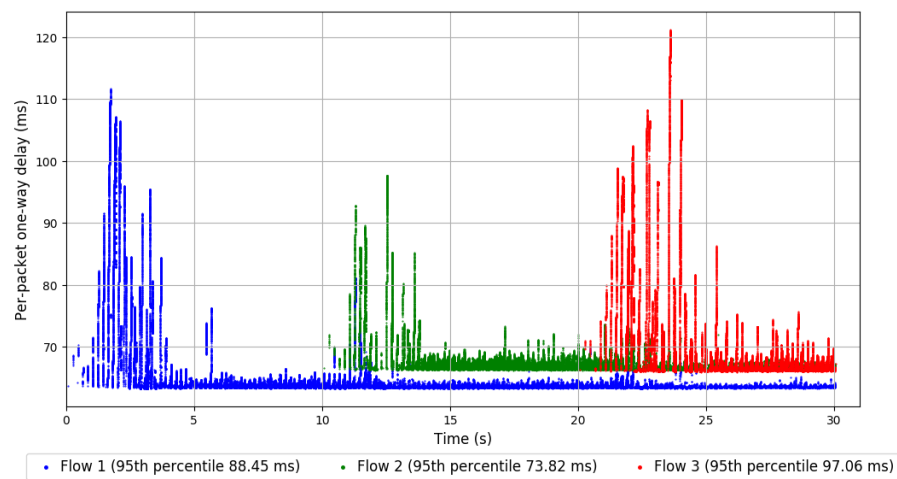
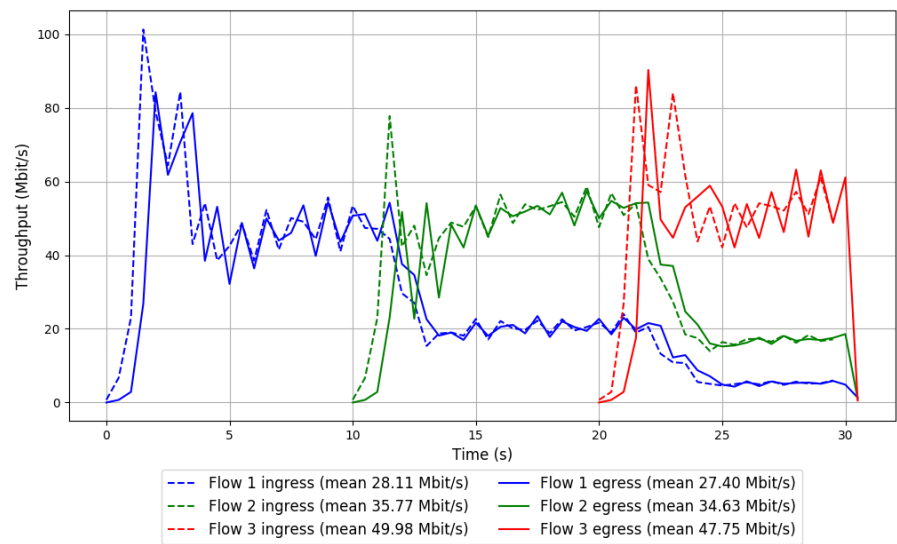


Run 7: Statistics of TCP Cubic

Start at: 2018-07-24 17:58:08
End at: 2018-07-24 17:58:38
Local clock offset: 1.291 ms
Remote clock offset: -33.32 ms

Below is generated by plot.py at 2018-07-24 21:27:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 66.34 Mbit/s
95th percentile per-packet one-way delay: 87.822 ms
Loss rate: 3.22%
-- Flow 1:
Average throughput: 27.40 Mbit/s
95th percentile per-packet one-way delay: 88.446 ms
Loss rate: 2.54%
-- Flow 2:
Average throughput: 34.63 Mbit/s
95th percentile per-packet one-way delay: 73.817 ms
Loss rate: 3.18%
-- Flow 3:
Average throughput: 47.75 Mbit/s
95th percentile per-packet one-way delay: 97.058 ms
Loss rate: 4.46%

Run 7: Report of TCP Cubic — Data Link

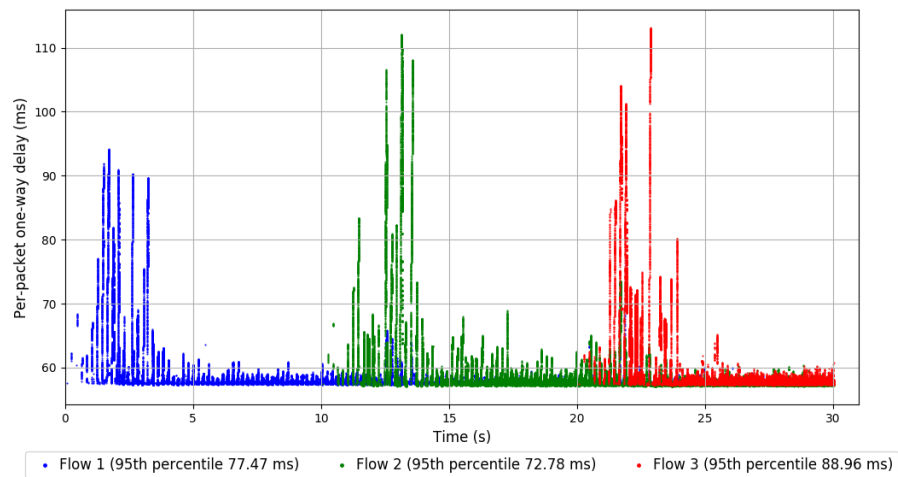
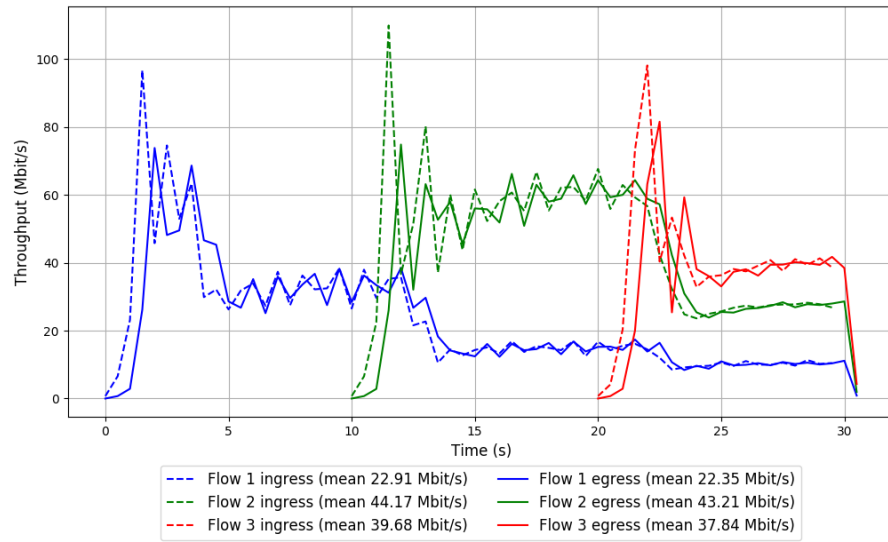


Run 8: Statistics of TCP Cubic

Start at: 2018-07-24 18:55:55
End at: 2018-07-24 18:56:25
Local clock offset: -1.037 ms
Remote clock offset: -39.138 ms

Below is generated by plot.py at 2018-07-24 21:27:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 63.69 Mbit/s
95th percentile per-packet one-way delay: 77.770 ms
Loss rate: 2.75%
-- Flow 1:
Average throughput: 22.35 Mbit/s
95th percentile per-packet one-way delay: 77.473 ms
Loss rate: 2.44%
-- Flow 2:
Average throughput: 43.21 Mbit/s
95th percentile per-packet one-way delay: 72.778 ms
Loss rate: 2.17%
-- Flow 3:
Average throughput: 37.84 Mbit/s
95th percentile per-packet one-way delay: 88.963 ms
Loss rate: 4.61%

Run 8: Report of TCP Cubic — Data Link

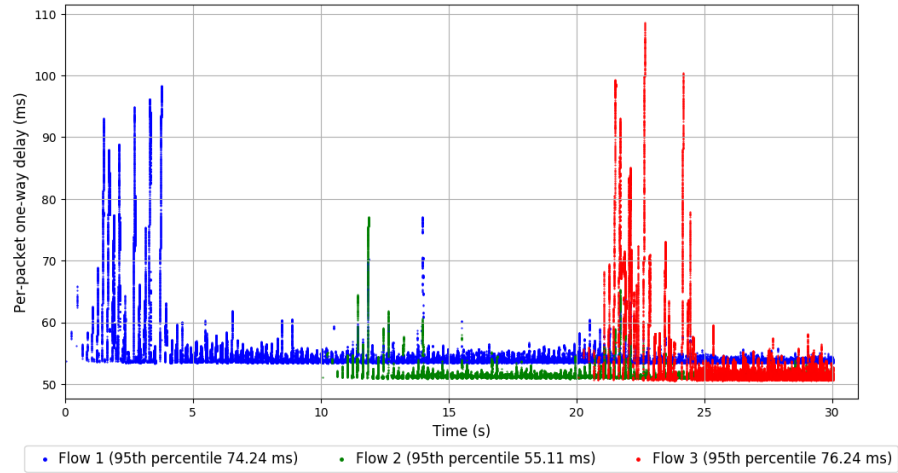
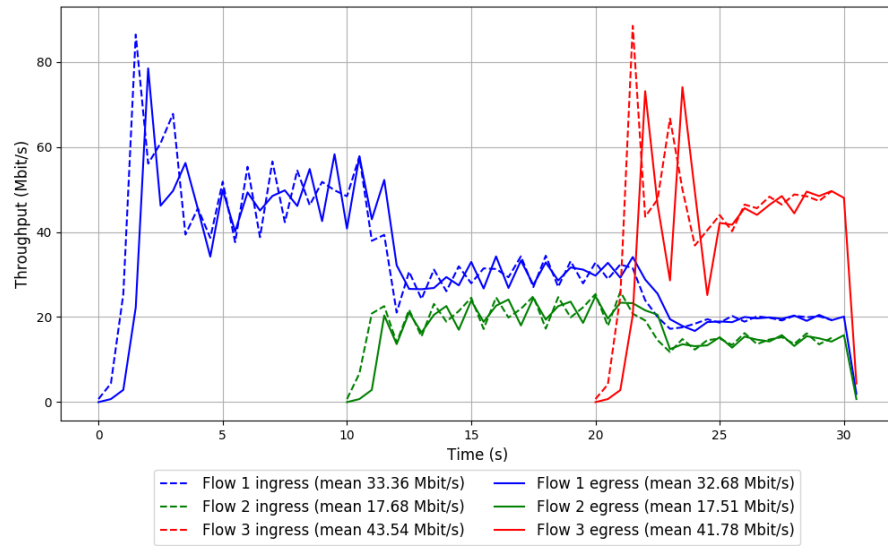


Run 9: Statistics of TCP Cubic

Start at: 2018-07-24 19:41:46
End at: 2018-07-24 19:42:16
Local clock offset: -0.561 ms
Remote clock offset: -39.068 ms

Below is generated by plot.py at 2018-07-24 21:27:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 58.24 Mbit/s
95th percentile per-packet one-way delay: 71.560 ms
Loss rate: 2.32%
-- Flow 1:
Average throughput: 32.68 Mbit/s
95th percentile per-packet one-way delay: 74.242 ms
Loss rate: 2.05%
-- Flow 2:
Average throughput: 17.51 Mbit/s
95th percentile per-packet one-way delay: 55.106 ms
Loss rate: 0.97%
-- Flow 3:
Average throughput: 41.78 Mbit/s
95th percentile per-packet one-way delay: 76.242 ms
Loss rate: 4.03%

Run 9: Report of TCP Cubic — Data Link

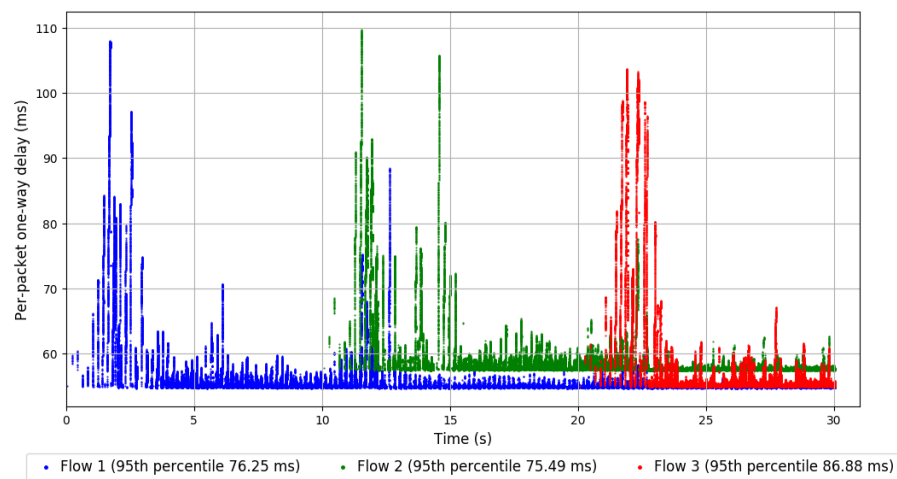
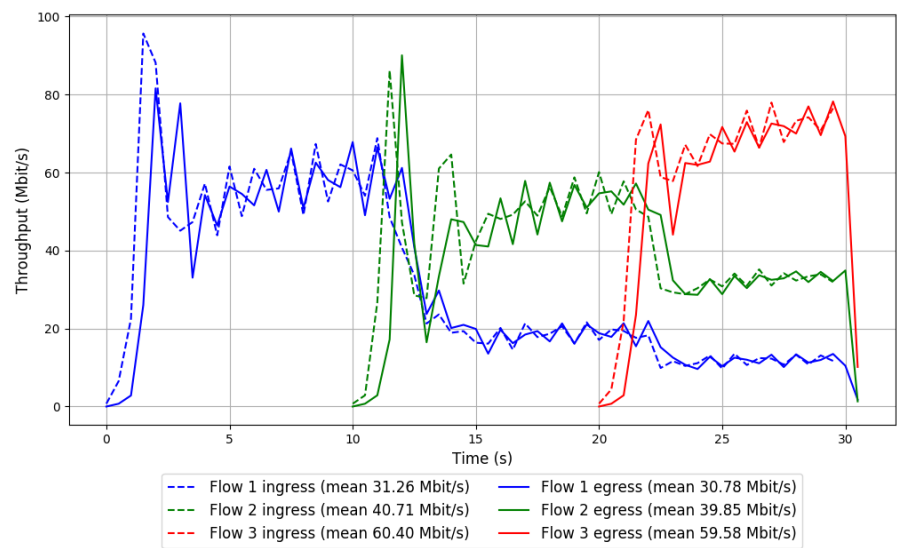


Run 10: Statistics of TCP Cubic

Start at: 2018-07-24 20:40:36
End at: 2018-07-24 20:41:06
Local clock offset: 1.585 ms
Remote clock offset: -30.708 ms

Below is generated by plot.py at 2018-07-24 21:27:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.13 Mbit/s
95th percentile per-packet one-way delay: 77.817 ms
Loss rate: 1.69%
-- Flow 1:
Average throughput: 30.78 Mbit/s
95th percentile per-packet one-way delay: 76.253 ms
Loss rate: 1.53%
-- Flow 2:
Average throughput: 39.85 Mbit/s
95th percentile per-packet one-way delay: 75.493 ms
Loss rate: 2.13%
-- Flow 3:
Average throughput: 59.58 Mbit/s
95th percentile per-packet one-way delay: 86.882 ms
Loss rate: 1.35%

Run 10: Report of TCP Cubic — Data Link

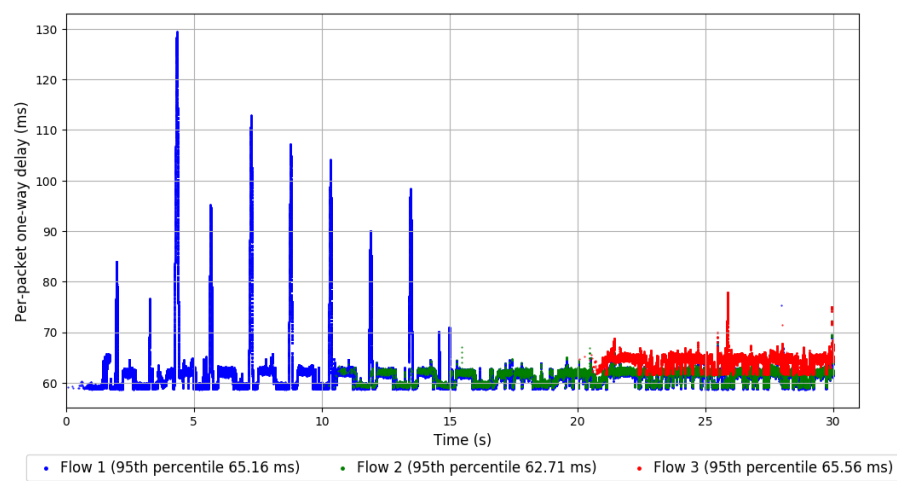
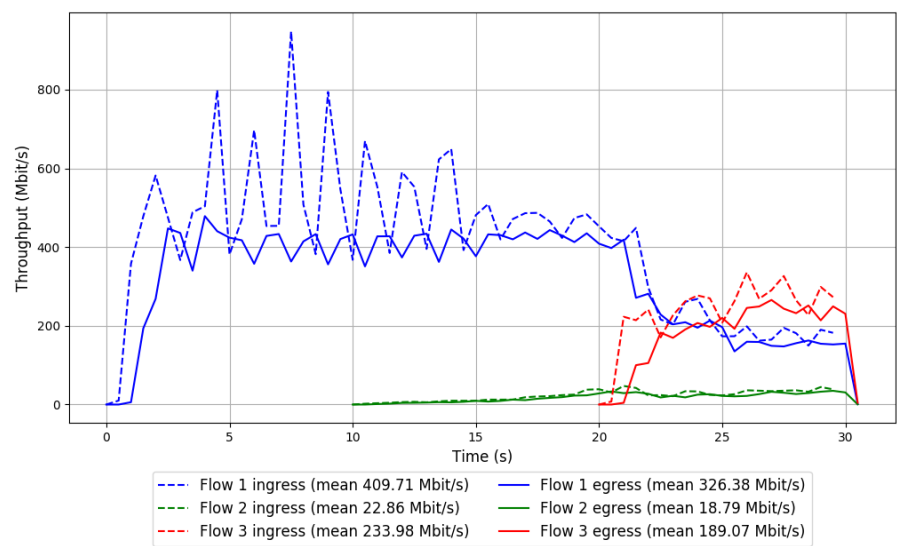


Run 1: Statistics of FillP

Start at: 2018-07-24 14:45:18
End at: 2018-07-24 14:45:48
Local clock offset: 2.322 ms
Remote clock offset: -28.361 ms

Below is generated by plot.py at 2018-07-24 21:31:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 401.57 Mbit/s
95th percentile per-packet one-way delay: 65.433 ms
Loss rate: 20.08%
-- Flow 1:
Average throughput: 326.38 Mbit/s
95th percentile per-packet one-way delay: 65.159 ms
Loss rate: 20.33%
-- Flow 2:
Average throughput: 18.79 Mbit/s
95th percentile per-packet one-way delay: 62.710 ms
Loss rate: 17.80%
-- Flow 3:
Average throughput: 189.07 Mbit/s
95th percentile per-packet one-way delay: 65.558 ms
Loss rate: 19.21%

Run 1: Report of FillP — Data Link

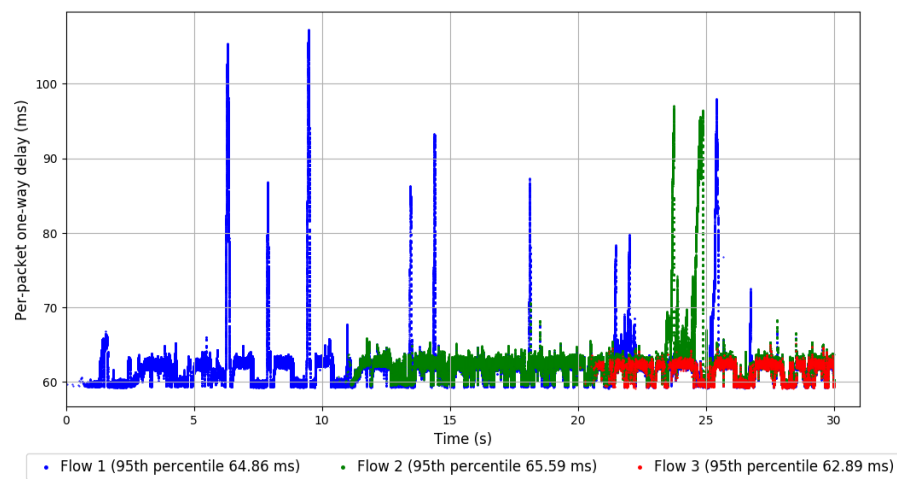
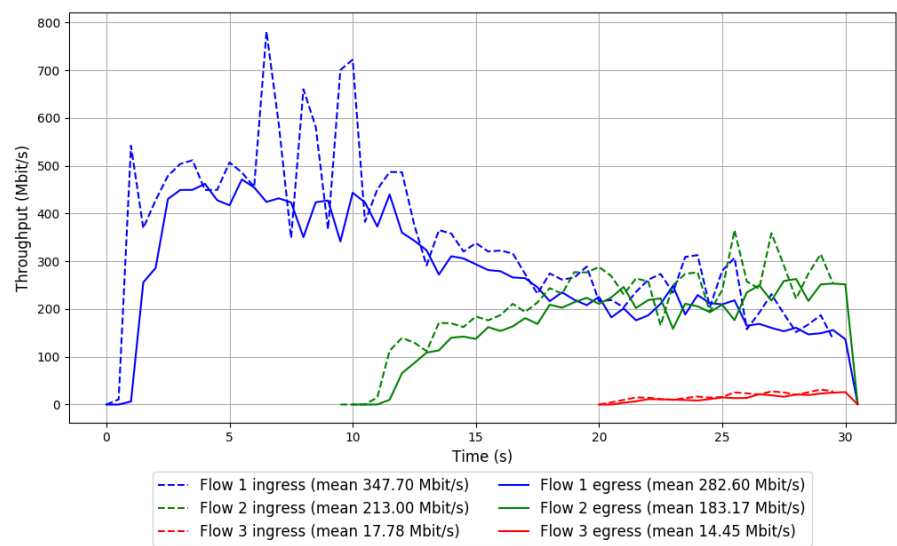


Run 2: Statistics of FillP

Start at: 2018-07-24 15:15:16
End at: 2018-07-24 15:15:46
Local clock offset: 0.872 ms
Remote clock offset: -29.089 ms

Below is generated by plot.py at 2018-07-24 21:31:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 406.89 Mbit/s
95th percentile per-packet one-way delay: 64.964 ms
Loss rate: 17.87%
-- Flow 1:
Average throughput: 282.60 Mbit/s
95th percentile per-packet one-way delay: 64.865 ms
Loss rate: 18.72%
-- Flow 2:
Average throughput: 183.17 Mbit/s
95th percentile per-packet one-way delay: 65.587 ms
Loss rate: 15.73%
-- Flow 3:
Average throughput: 14.45 Mbit/s
95th percentile per-packet one-way delay: 62.894 ms
Loss rate: 18.74%

Run 2: Report of FillP — Data Link

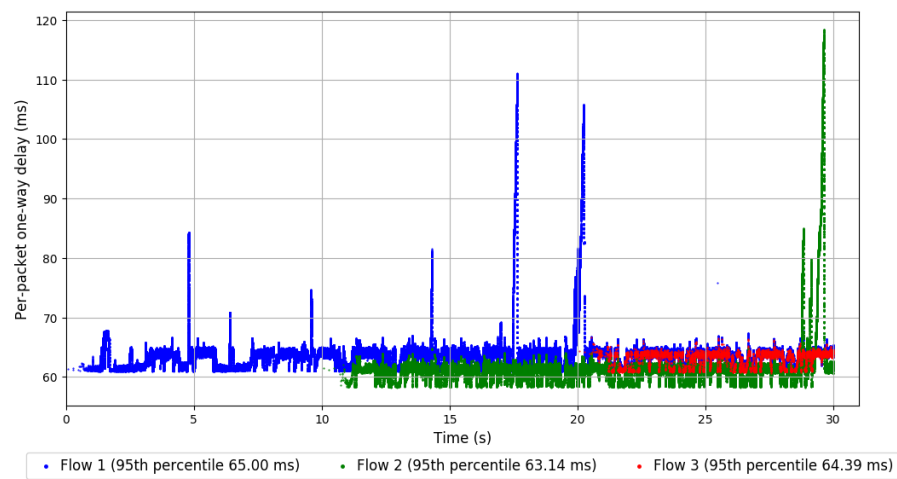
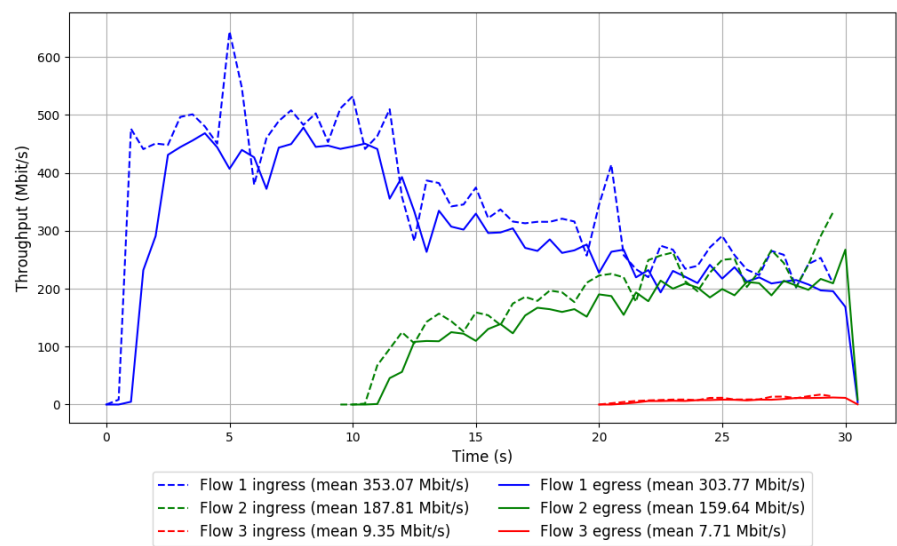


Run 3: Statistics of FillP

Start at: 2018-07-24 15:50:57
End at: 2018-07-24 15:51:27
Local clock offset: -1.539 ms
Remote clock offset: -34.51 ms

Below is generated by plot.py at 2018-07-24 21:32:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 412.67 Mbit/s
95th percentile per-packet one-way delay: 64.903 ms
Loss rate: 14.25%
-- Flow 1:
Average throughput: 303.77 Mbit/s
95th percentile per-packet one-way delay: 64.995 ms
Loss rate: 13.96%
-- Flow 2:
Average throughput: 159.64 Mbit/s
95th percentile per-packet one-way delay: 63.141 ms
Loss rate: 15.00%
-- Flow 3:
Average throughput: 7.71 Mbit/s
95th percentile per-packet one-way delay: 64.390 ms
Loss rate: 17.56%

Run 3: Report of FillP — Data Link

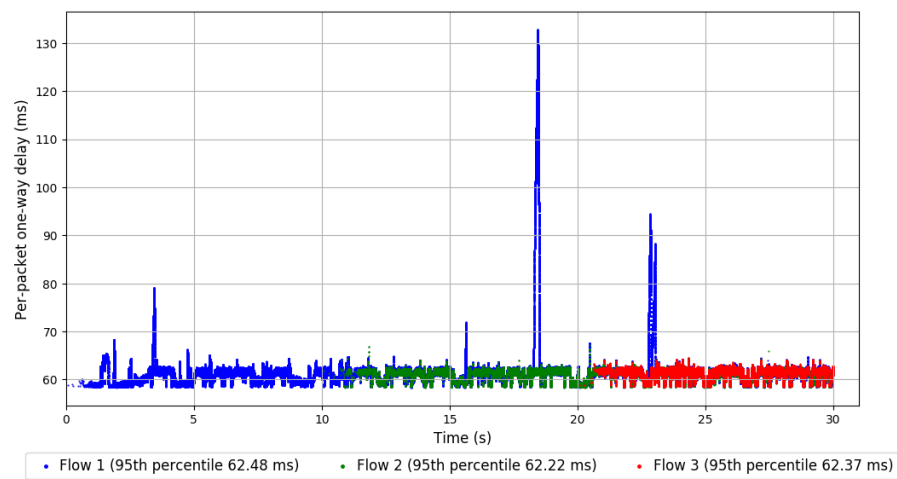
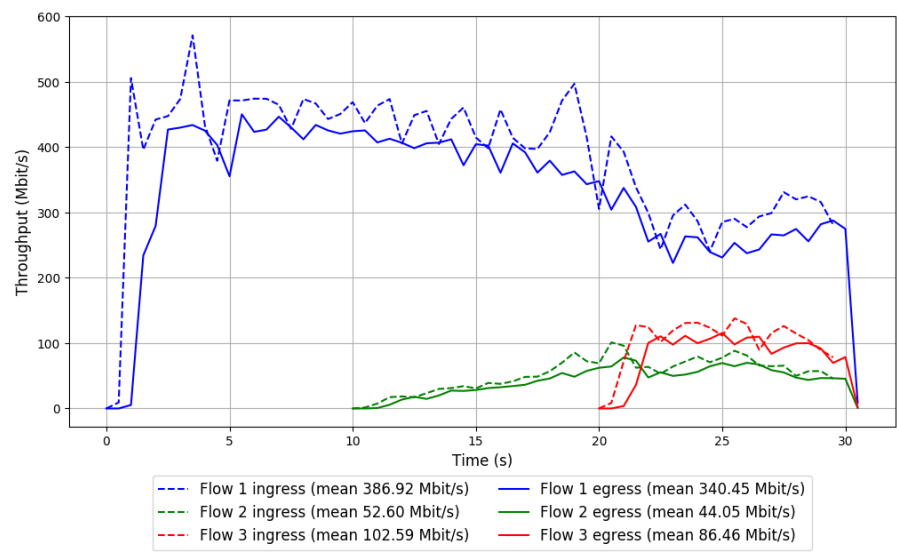


Run 4: Statistics of FillP

Start at: 2018-07-24 16:26:48
End at: 2018-07-24 16:27:18
Local clock offset: -1.031 ms
Remote clock offset: -36.905 ms

Below is generated by plot.py at 2018-07-24 21:32:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 398.44 Mbit/s
95th percentile per-packet one-way delay: 62.425 ms
Loss rate: 12.60%
-- Flow 1:
Average throughput: 340.45 Mbit/s
95th percentile per-packet one-way delay: 62.485 ms
Loss rate: 12.00%
-- Flow 2:
Average throughput: 44.05 Mbit/s
95th percentile per-packet one-way delay: 62.219 ms
Loss rate: 16.25%
-- Flow 3:
Average throughput: 86.46 Mbit/s
95th percentile per-packet one-way delay: 62.366 ms
Loss rate: 15.69%

Run 4: Report of FillP — Data Link

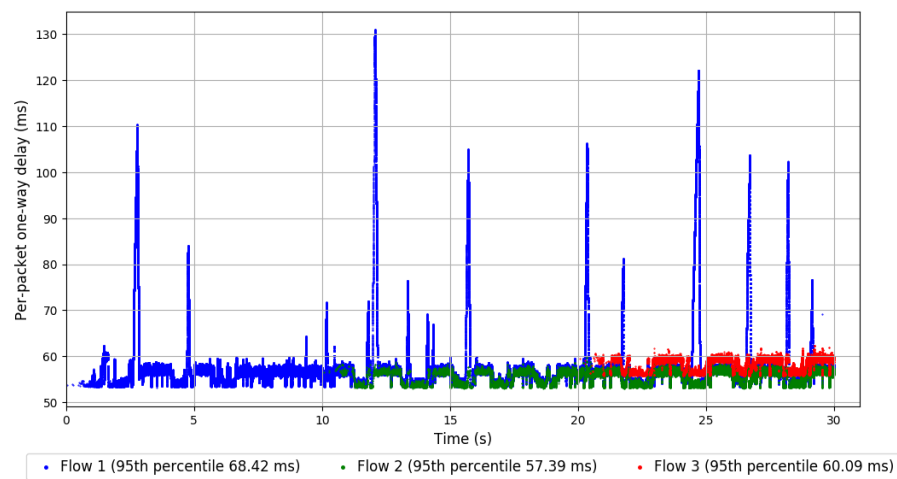
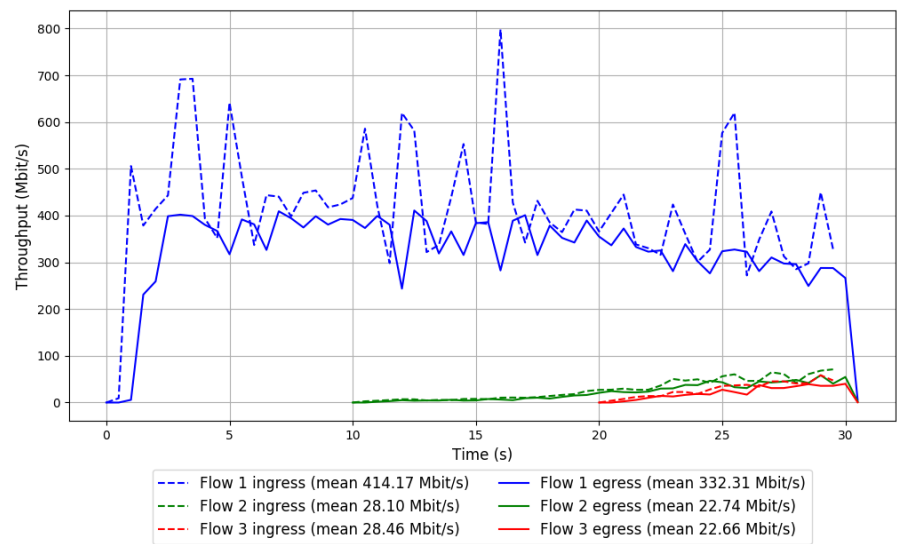


Run 5: Statistics of FillP

Start at: 2018-07-24 17:00:53
End at: 2018-07-24 17:01:23
Local clock offset: 0.304 ms
Remote clock offset: -43.23 ms

Below is generated by plot.py at 2018-07-24 21:32:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 354.96 Mbit/s
95th percentile per-packet one-way delay: 66.730 ms
Loss rate: 19.74%
-- Flow 1:
Average throughput: 332.31 Mbit/s
95th percentile per-packet one-way delay: 68.425 ms
Loss rate: 19.76%
-- Flow 2:
Average throughput: 22.74 Mbit/s
95th percentile per-packet one-way delay: 57.391 ms
Loss rate: 19.08%
-- Flow 3:
Average throughput: 22.66 Mbit/s
95th percentile per-packet one-way delay: 60.085 ms
Loss rate: 20.39%

Run 5: Report of FillP — Data Link

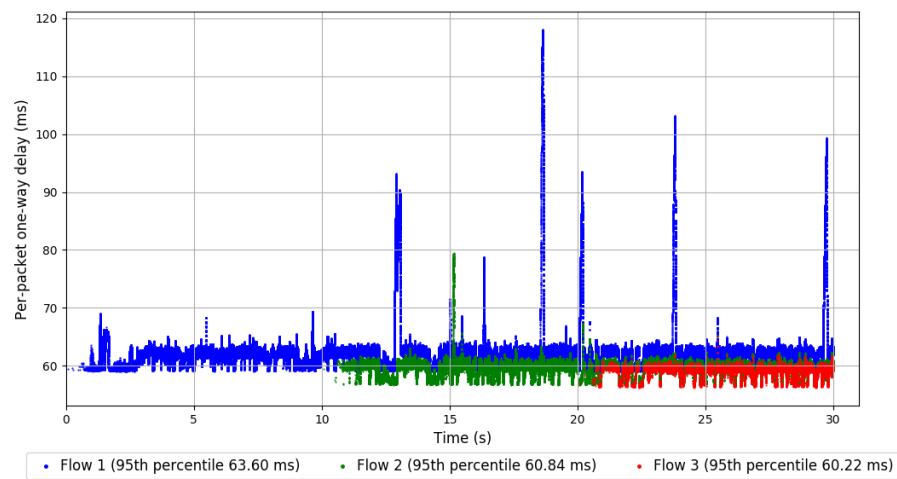
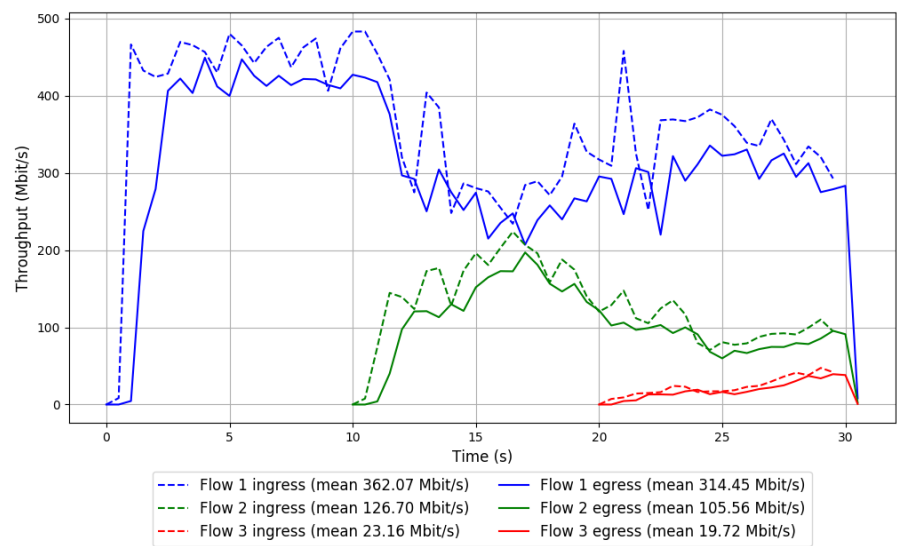


Run 6: Statistics of FillP

Start at: 2018-07-24 17:36:34
End at: 2018-07-24 17:37:04
Local clock offset: -0.612 ms
Remote clock offset: -41.867 ms

Below is generated by plot.py at 2018-07-24 21:32:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 391.27 Mbit/s
95th percentile per-packet one-way delay: 63.323 ms
Loss rate: 13.83%
-- Flow 1:
Average throughput: 314.45 Mbit/s
95th percentile per-packet one-way delay: 63.605 ms
Loss rate: 13.15%
-- Flow 2:
Average throughput: 105.56 Mbit/s
95th percentile per-packet one-way delay: 60.840 ms
Loss rate: 16.68%
-- Flow 3:
Average throughput: 19.72 Mbit/s
95th percentile per-packet one-way delay: 60.218 ms
Loss rate: 14.84%

Run 6: Report of FillP — Data Link

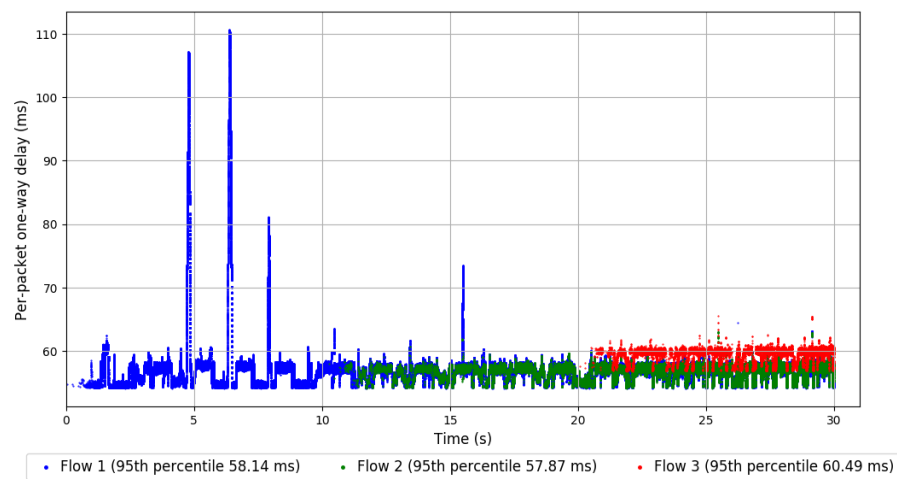
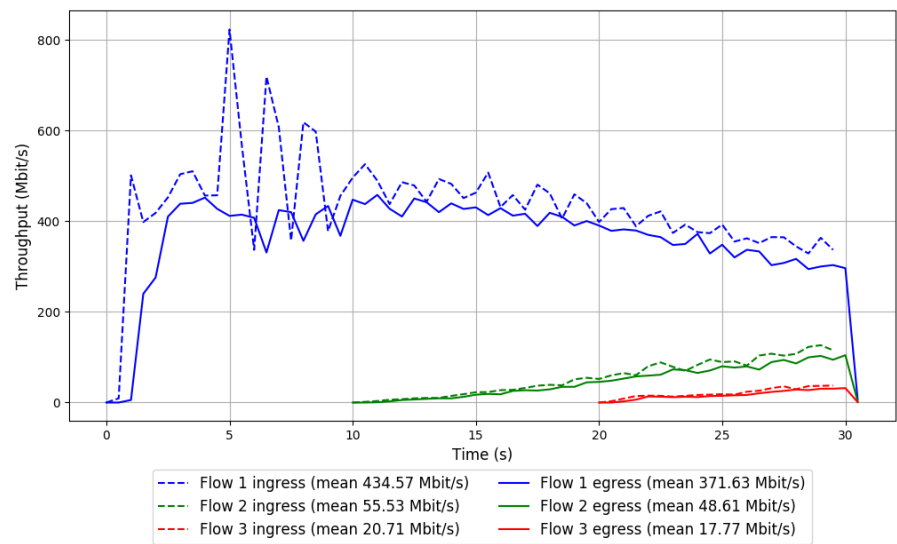


Run 7: Statistics of FillP

Start at: 2018-07-24 18:17:43
End at: 2018-07-24 18:18:13
Local clock offset: -1.406 ms
Remote clock offset: -45.566 ms

Below is generated by plot.py at 2018-07-24 21:32:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 409.56 Mbit/s
95th percentile per-packet one-way delay: 58.318 ms
Loss rate: 14.38%
-- Flow 1:
Average throughput: 371.63 Mbit/s
95th percentile per-packet one-way delay: 58.138 ms
Loss rate: 14.47%
-- Flow 2:
Average throughput: 48.61 Mbit/s
95th percentile per-packet one-way delay: 57.872 ms
Loss rate: 13.35%
-- Flow 3:
Average throughput: 17.77 Mbit/s
95th percentile per-packet one-way delay: 60.493 ms
Loss rate: 14.18%

Run 7: Report of FillP — Data Link

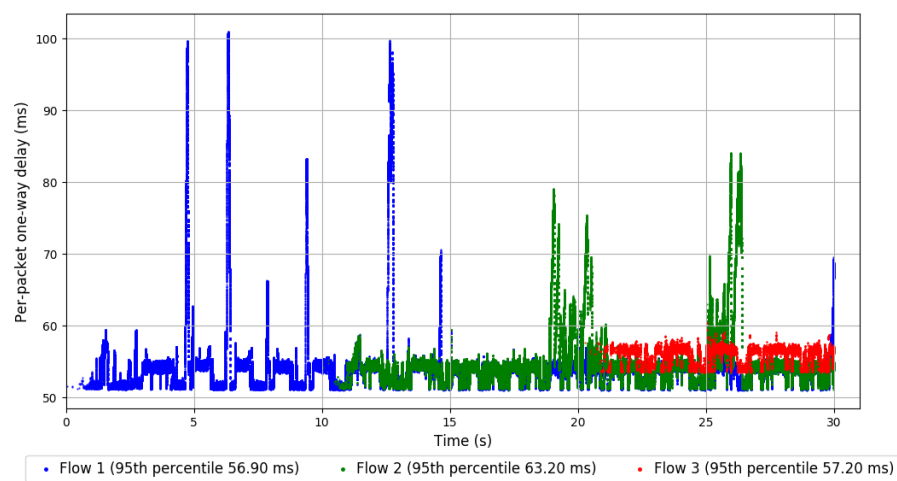
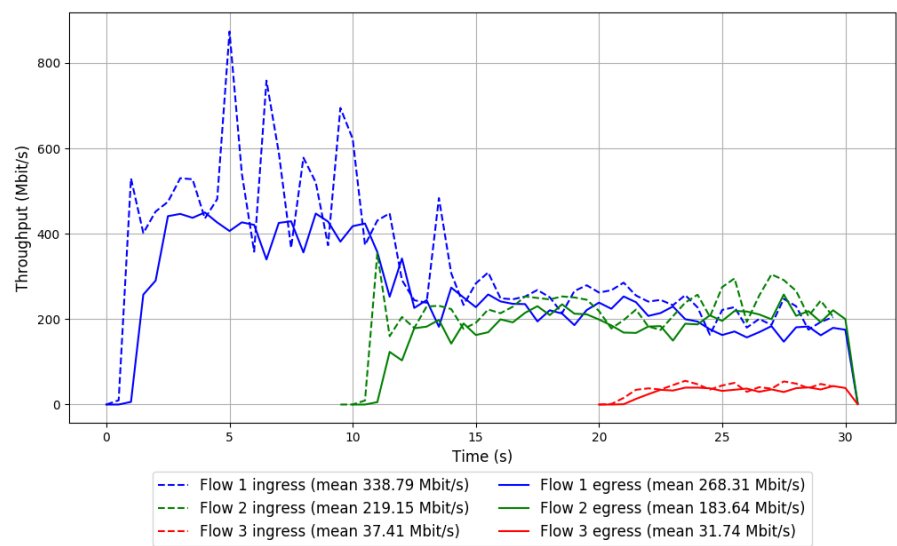


Run 8: Statistics of FillP

Start at: 2018-07-24 19:19:46
End at: 2018-07-24 19:20:16
Local clock offset: 0.269 ms
Remote clock offset: -40.742 ms

Below is generated by plot.py at 2018-07-24 21:33:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 400.93 Mbit/s
95th percentile per-packet one-way delay: 58.835 ms
Loss rate: 19.35%
-- Flow 1:
Average throughput: 268.31 Mbit/s
95th percentile per-packet one-way delay: 56.902 ms
Loss rate: 20.80%
-- Flow 2:
Average throughput: 183.64 Mbit/s
95th percentile per-packet one-way delay: 63.205 ms
Loss rate: 16.20%
-- Flow 3:
Average throughput: 31.74 Mbit/s
95th percentile per-packet one-way delay: 57.201 ms
Loss rate: 16.89%

Run 8: Report of FillP — Data Link

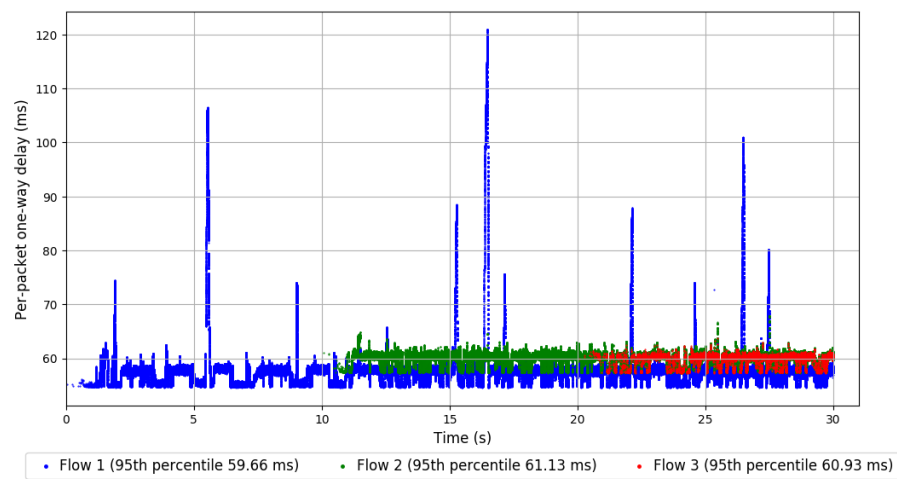
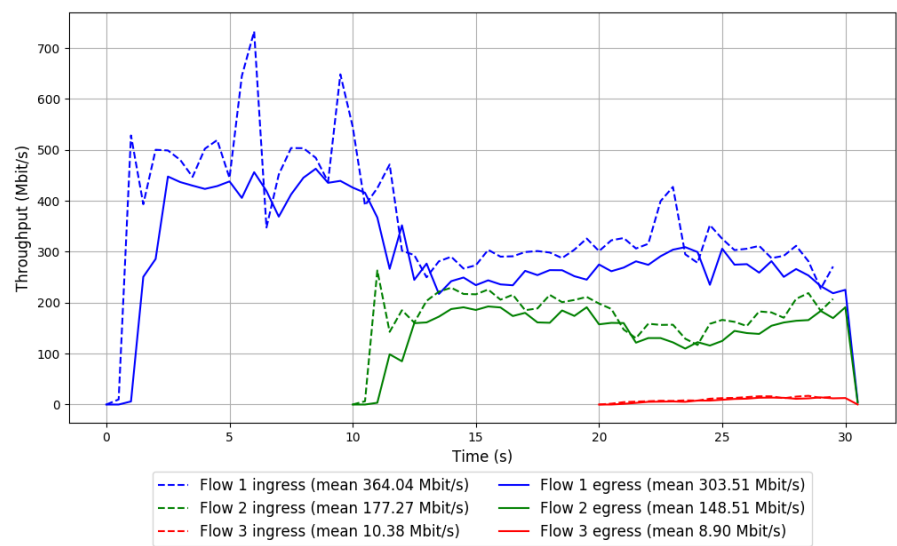


Run 9: Statistics of FillP

Start at: 2018-07-24 19:55:49
End at: 2018-07-24 19:56:19
Local clock offset: 1.461 ms
Remote clock offset: -32.308 ms

Below is generated by plot.py at 2018-07-24 21:37:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 405.37 Mbit/s
95th percentile per-packet one-way delay: 60.952 ms
Loss rate: 16.50%
-- Flow 1:
Average throughput: 303.51 Mbit/s
95th percentile per-packet one-way delay: 59.665 ms
Loss rate: 16.61%
-- Flow 2:
Average throughput: 148.51 Mbit/s
95th percentile per-packet one-way delay: 61.130 ms
Loss rate: 16.23%
-- Flow 3:
Average throughput: 8.90 Mbit/s
95th percentile per-packet one-way delay: 60.933 ms
Loss rate: 14.28%

Run 9: Report of FillP — Data Link

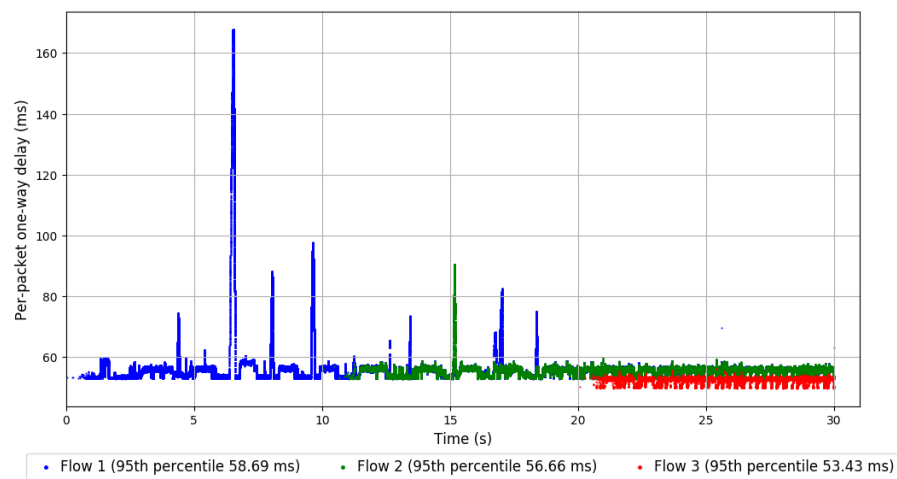
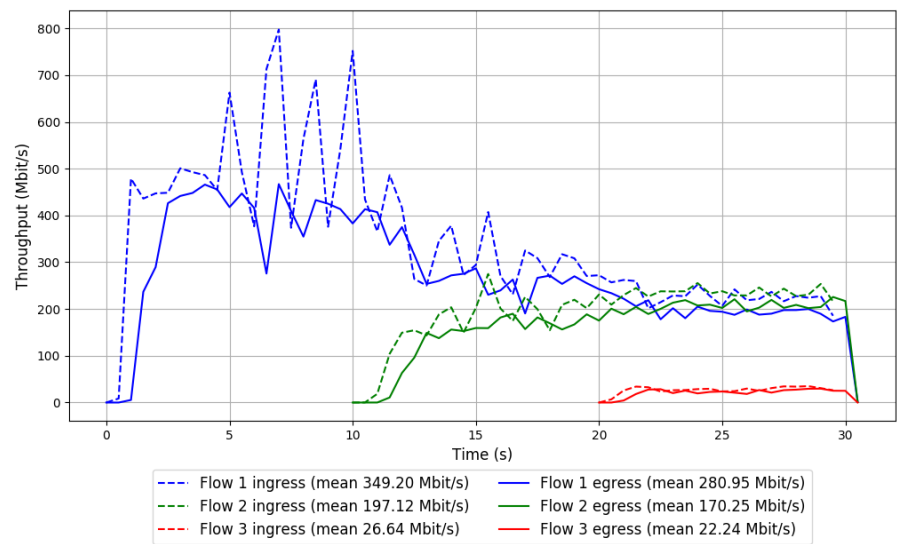


Run 10: Statistics of FillP

Start at: 2018-07-24 20:54:51
End at: 2018-07-24 20:55:21
Local clock offset: 0.302 ms
Remote clock offset: -36.57 ms

Below is generated by plot.py at 2018-07-24 21:37:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 401.55 Mbit/s
95th percentile per-packet one-way delay: 58.183 ms
Loss rate: 17.90%
-- Flow 1:
Average throughput: 280.95 Mbit/s
95th percentile per-packet one-way delay: 58.691 ms
Loss rate: 19.52%
-- Flow 2:
Average throughput: 170.25 Mbit/s
95th percentile per-packet one-way delay: 56.659 ms
Loss rate: 13.66%
-- Flow 3:
Average throughput: 22.24 Mbit/s
95th percentile per-packet one-way delay: 53.431 ms
Loss rate: 16.53%

Run 10: Report of FillP — Data Link

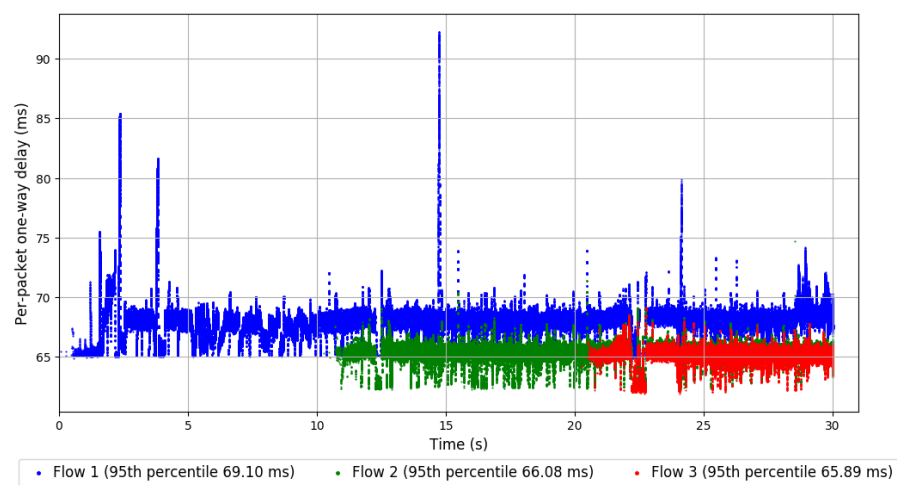
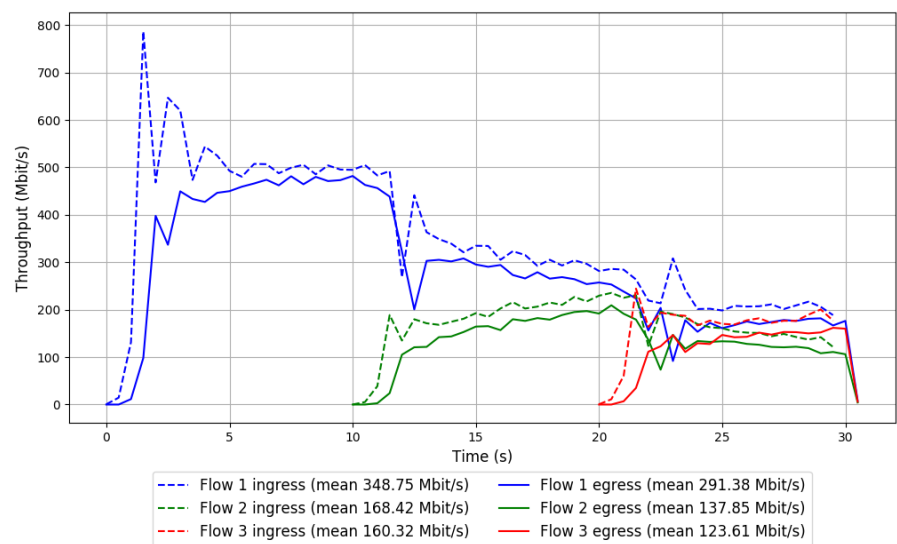


Run 1: Statistics of FillP-Sheep

Start at: 2018-07-24 14:46:55
End at: 2018-07-24 14:47:25
Local clock offset: -1.545 ms
Remote clock offset: -28.833 ms

Below is generated by plot.py at 2018-07-24 21:37:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 423.21 Mbit/s
95th percentile per-packet one-way delay: 68.792 ms
Loss rate: 17.66%
-- Flow 1:
Average throughput: 291.38 Mbit/s
95th percentile per-packet one-way delay: 69.103 ms
Loss rate: 16.44%
-- Flow 2:
Average throughput: 137.85 Mbit/s
95th percentile per-packet one-way delay: 66.081 ms
Loss rate: 18.98%
-- Flow 3:
Average throughput: 123.61 Mbit/s
95th percentile per-packet one-way delay: 65.887 ms
Loss rate: 22.90%

Run 1: Report of FillP-Sheep — Data Link

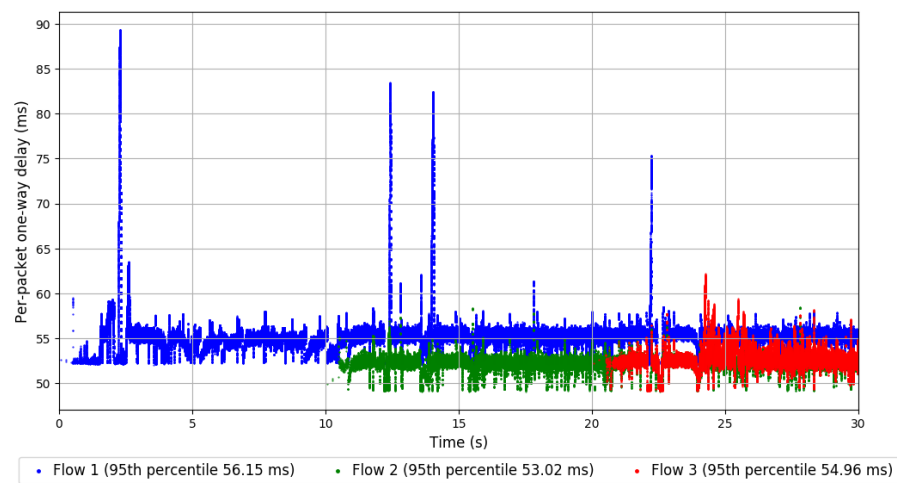
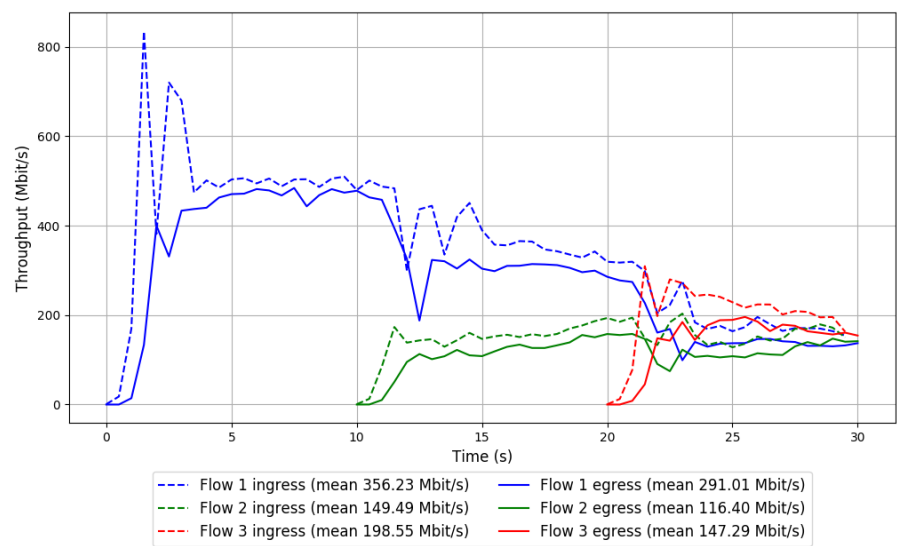


Run 2: Statistics of FillP-Sheep

Start at: 2018-07-24 15:16:53
End at: 2018-07-24 15:17:23
Local clock offset: 2.258 ms
Remote clock offset: -37.783 ms

Below is generated by plot.py at 2018-07-24 21:37:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 417.33 Mbit/s
95th percentile per-packet one-way delay: 55.982 ms
Loss rate: 19.98%
-- Flow 1:
Average throughput: 291.01 Mbit/s
95th percentile per-packet one-way delay: 56.149 ms
Loss rate: 18.31%
-- Flow 2:
Average throughput: 116.40 Mbit/s
95th percentile per-packet one-way delay: 53.025 ms
Loss rate: 22.13%
-- Flow 3:
Average throughput: 147.29 Mbit/s
95th percentile per-packet one-way delay: 54.962 ms
Loss rate: 25.82%

Run 2: Report of FillP-Sheep — Data Link

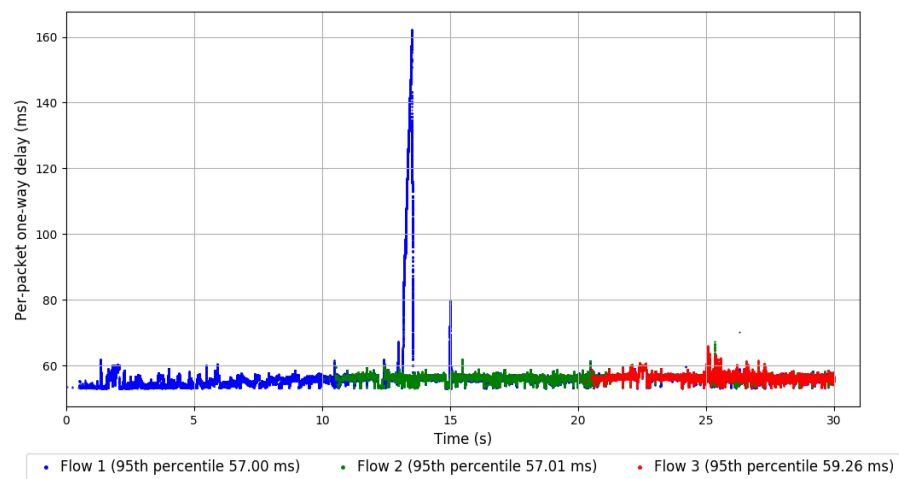
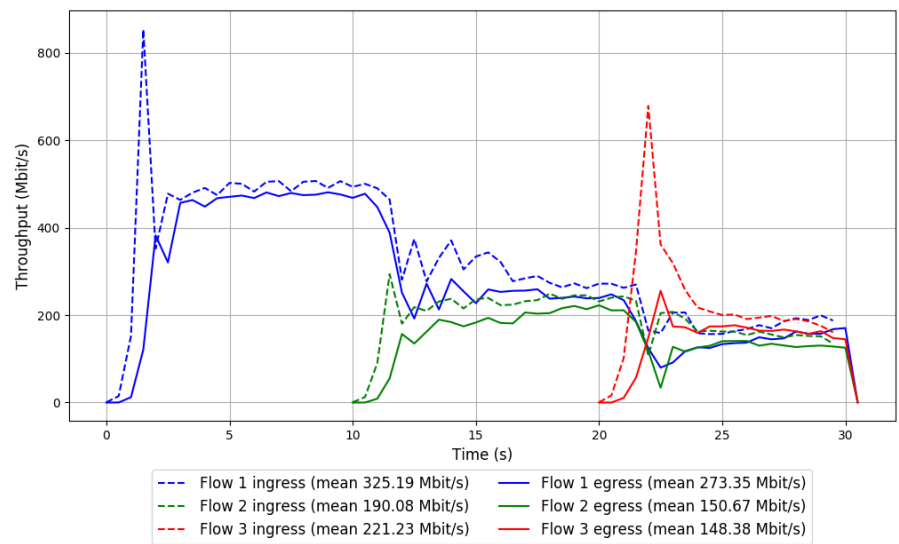


Run 3: Statistics of FillP-Sheep

Start at: 2018-07-24 15:52:34
End at: 2018-07-24 15:53:04
Local clock offset: 1.503 ms
Remote clock offset: -36.866 ms

Below is generated by plot.py at 2018-07-24 21:38:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 422.81 Mbit/s
95th percentile per-packet one-way delay: 57.246 ms
Loss rate: 19.46%
-- Flow 1:
Average throughput: 273.35 Mbit/s
95th percentile per-packet one-way delay: 57.000 ms
Loss rate: 15.93%
-- Flow 2:
Average throughput: 150.67 Mbit/s
95th percentile per-packet one-way delay: 57.006 ms
Loss rate: 20.73%
-- Flow 3:
Average throughput: 148.38 Mbit/s
95th percentile per-packet one-way delay: 59.261 ms
Loss rate: 32.93%

Run 3: Report of FillP-Sheep — Data Link

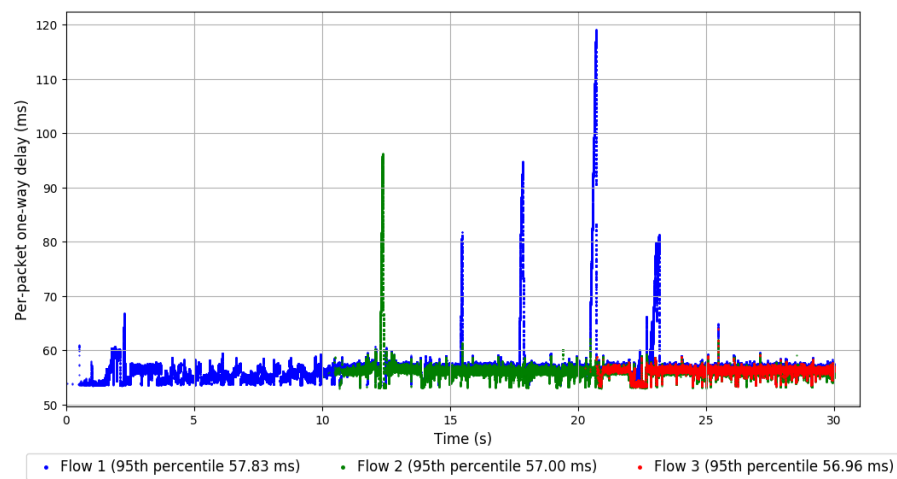
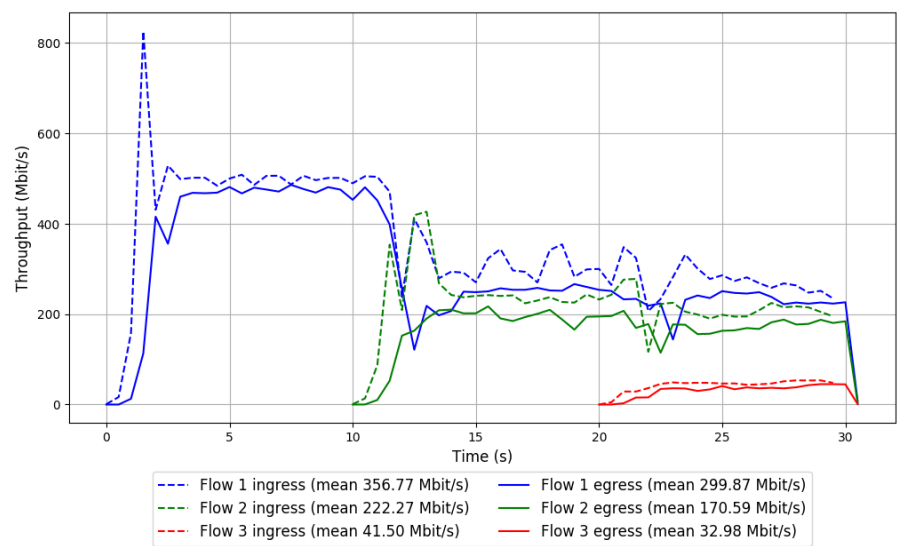


Run 4: Statistics of FillP-Sheep

Start at: 2018-07-24 16:28:24
End at: 2018-07-24 16:28:54
Local clock offset: -0.256 ms
Remote clock offset: -41.42 ms

Below is generated by plot.py at 2018-07-24 21:38:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 424.21 Mbit/s
95th percentile per-packet one-way delay: 57.464 ms
Loss rate: 18.19%
-- Flow 1:
Average throughput: 299.87 Mbit/s
95th percentile per-packet one-way delay: 57.830 ms
Loss rate: 15.94%
-- Flow 2:
Average throughput: 170.59 Mbit/s
95th percentile per-packet one-way delay: 57.000 ms
Loss rate: 23.24%
-- Flow 3:
Average throughput: 32.98 Mbit/s
95th percentile per-packet one-way delay: 56.964 ms
Loss rate: 22.16%

Run 4: Report of FillP-Sheep — Data Link

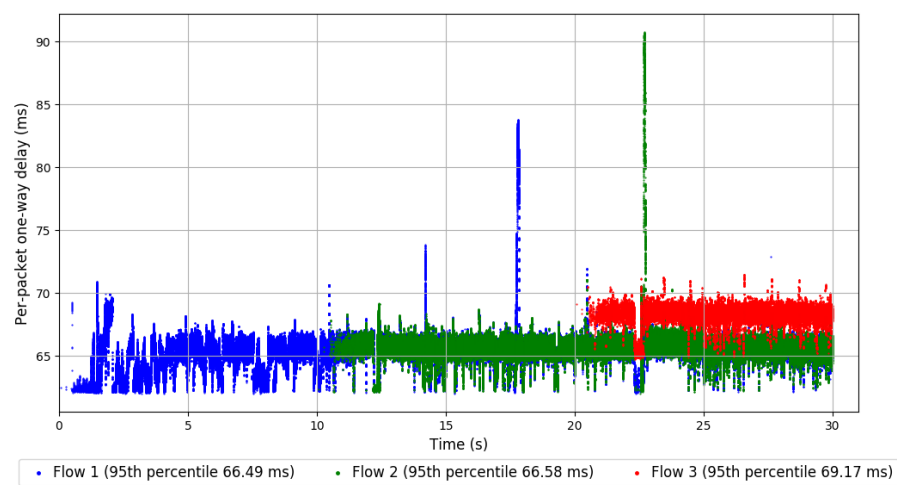
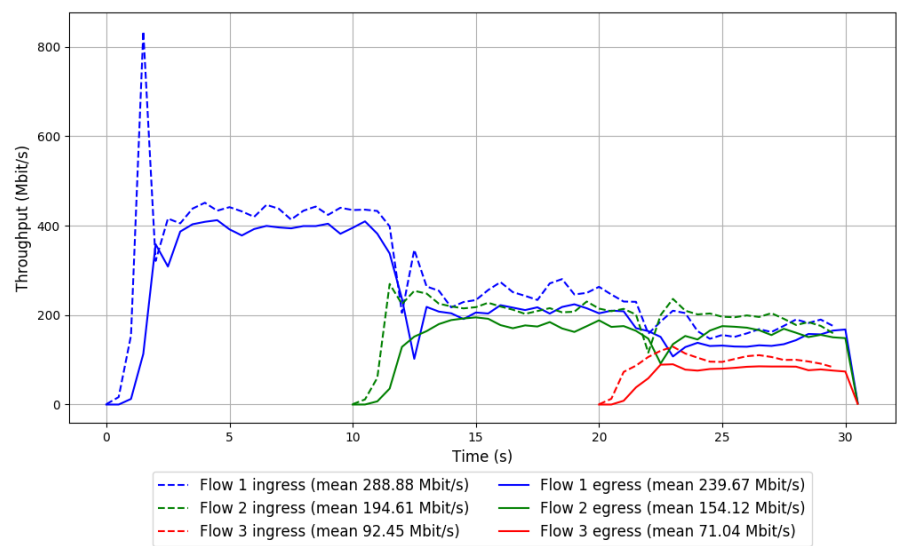


Run 5: Statistics of FillP-Sheep

Start at: 2018-07-24 17:02:28
End at: 2018-07-24 17:02:58
Local clock offset: 0.789 ms
Remote clock offset: -33.706 ms

Below is generated by plot.py at 2018-07-24 21:38:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 365.82 Mbit/s
95th percentile per-packet one-way delay: 68.143 ms
Loss rate: 18.53%
-- Flow 1:
Average throughput: 239.67 Mbit/s
95th percentile per-packet one-way delay: 66.492 ms
Loss rate: 17.03%
-- Flow 2:
Average throughput: 154.12 Mbit/s
95th percentile per-packet one-way delay: 66.576 ms
Loss rate: 20.79%
-- Flow 3:
Average throughput: 71.04 Mbit/s
95th percentile per-packet one-way delay: 69.174 ms
Loss rate: 23.18%

Run 5: Report of FillP-Sheep — Data Link

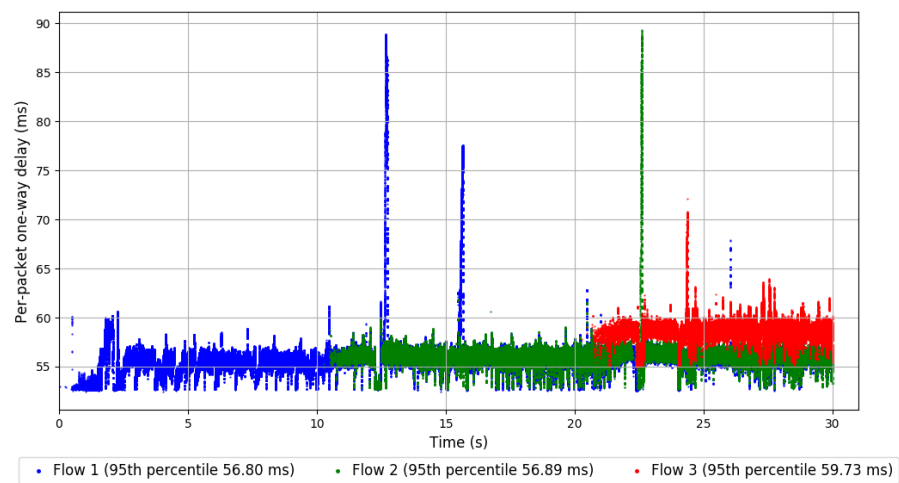
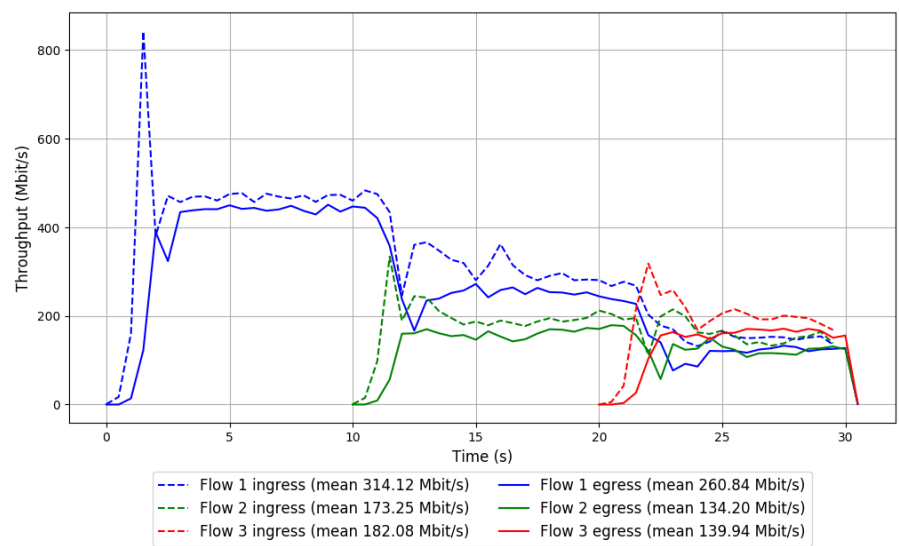


Run 6: Statistics of FillP-Sheep

Start at: 2018-07-24 17:38:10
End at: 2018-07-24 17:38:40
Local clock offset: 0.07 ms
Remote clock offset: -45.069 ms

Below is generated by plot.py at 2018-07-24 21:39:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 395.62 Mbit/s
95th percentile per-packet one-way delay: 58.797 ms
Loss rate: 19.23%
-- Flow 1:
Average throughput: 260.84 Mbit/s
95th percentile per-packet one-way delay: 56.795 ms
Loss rate: 16.95%
-- Flow 2:
Average throughput: 134.20 Mbit/s
95th percentile per-packet one-way delay: 56.891 ms
Loss rate: 22.55%
-- Flow 3:
Average throughput: 139.94 Mbit/s
95th percentile per-packet one-way delay: 59.727 ms
Loss rate: 24.71%

Run 6: Report of FillP-Sheep — Data Link

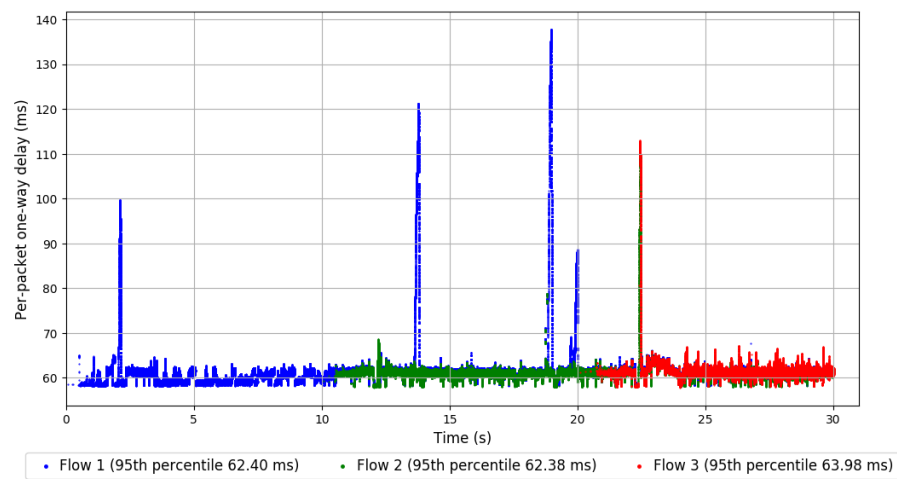
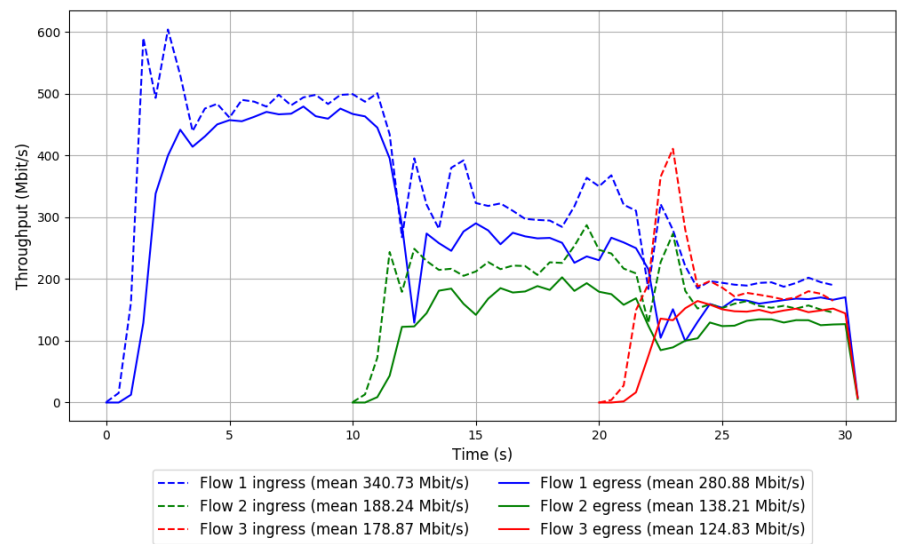


Run 7: Statistics of FillP-Sheep

Start at: 2018-07-24 18:19:20
End at: 2018-07-24 18:19:50
Local clock offset: -1.694 ms
Remote clock offset: -41.915 ms

Below is generated by plot.py at 2018-07-24 21:43:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 414.23 Mbit/s
95th percentile per-packet one-way delay: 62.883 ms
Loss rate: 21.14%
-- Flow 1:
Average throughput: 280.88 Mbit/s
95th percentile per-packet one-way delay: 62.397 ms
Loss rate: 17.56%
-- Flow 2:
Average throughput: 138.21 Mbit/s
95th percentile per-packet one-way delay: 62.379 ms
Loss rate: 26.57%
-- Flow 3:
Average throughput: 124.83 Mbit/s
95th percentile per-packet one-way delay: 63.979 ms
Loss rate: 30.21%

Run 7: Report of FillP-Sheep — Data Link

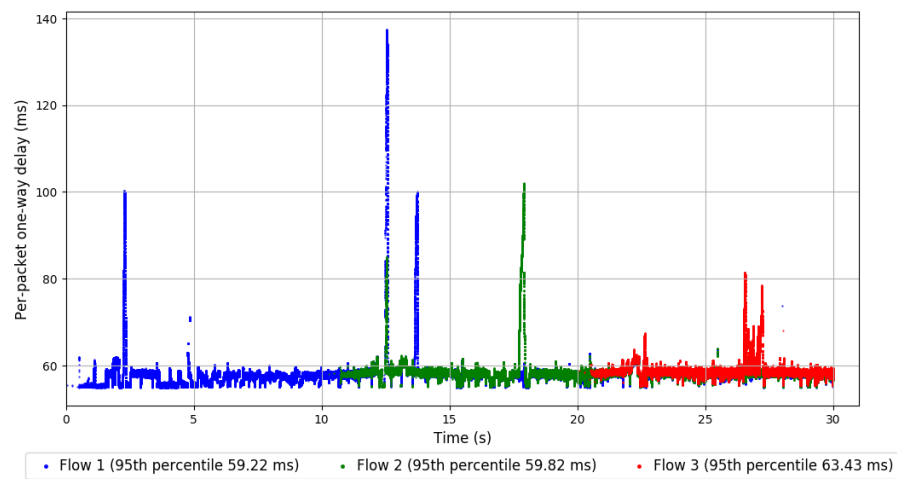
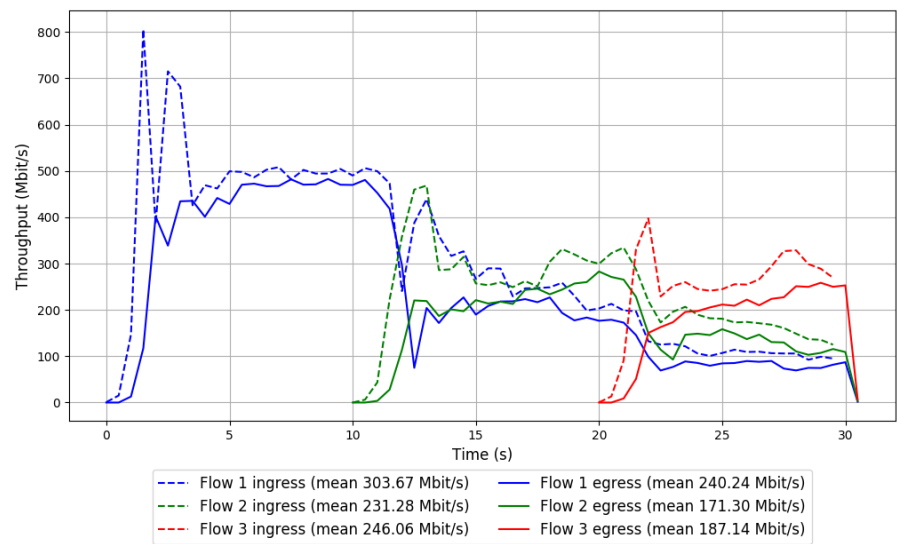


Run 8: Statistics of FillP-Sheep

Start at: 2018-07-24 19:21:31
End at: 2018-07-24 19:22:02
Local clock offset: -1.674 ms
Remote clock offset: -38.28 ms

Below is generated by plot.py at 2018-07-24 21:44:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 415.15 Mbit/s
95th percentile per-packet one-way delay: 60.244 ms
Loss rate: 23.00%
-- Flow 1:
Average throughput: 240.24 Mbit/s
95th percentile per-packet one-way delay: 59.223 ms
Loss rate: 20.88%
-- Flow 2:
Average throughput: 171.30 Mbit/s
95th percentile per-packet one-way delay: 59.821 ms
Loss rate: 26.68%
-- Flow 3:
Average throughput: 187.14 Mbit/s
95th percentile per-packet one-way delay: 63.432 ms
Loss rate: 23.95%

Run 8: Report of FillP-Sheep — Data Link

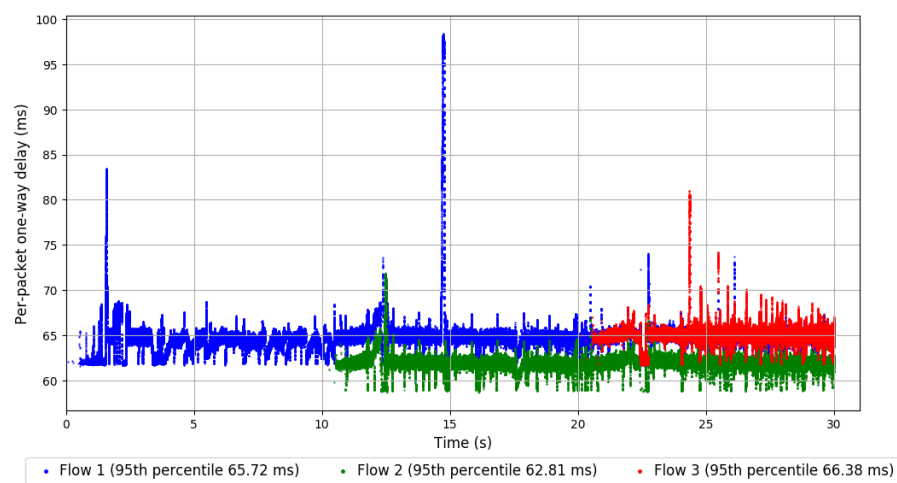
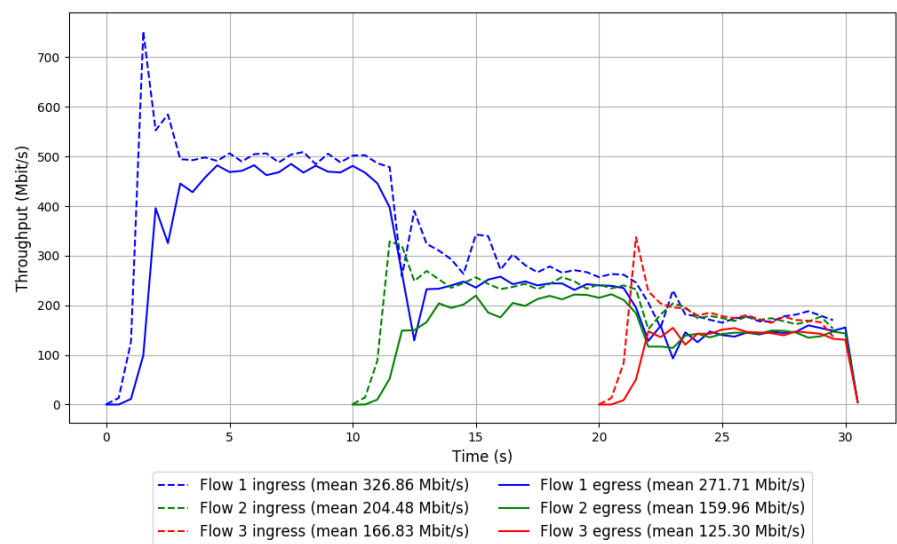


Run 9: Statistics of FillP-Sheep

Start at: 2018-07-24 19:57:34
End at: 2018-07-24 19:58:04
Local clock offset: 0.18 ms
Remote clock offset: -29.145 ms

Below is generated by plot.py at 2018-07-24 21:44:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 419.65 Mbit/s
95th percentile per-packet one-way delay: 65.645 ms
Loss rate: 19.01%
-- Flow 1:
Average throughput: 271.71 Mbit/s
95th percentile per-packet one-way delay: 65.722 ms
Loss rate: 16.87%
-- Flow 2:
Average throughput: 159.96 Mbit/s
95th percentile per-packet one-way delay: 62.813 ms
Loss rate: 21.78%
-- Flow 3:
Average throughput: 125.30 Mbit/s
95th percentile per-packet one-way delay: 66.375 ms
Loss rate: 24.88%

Run 9: Report of FillP-Sheep — Data Link

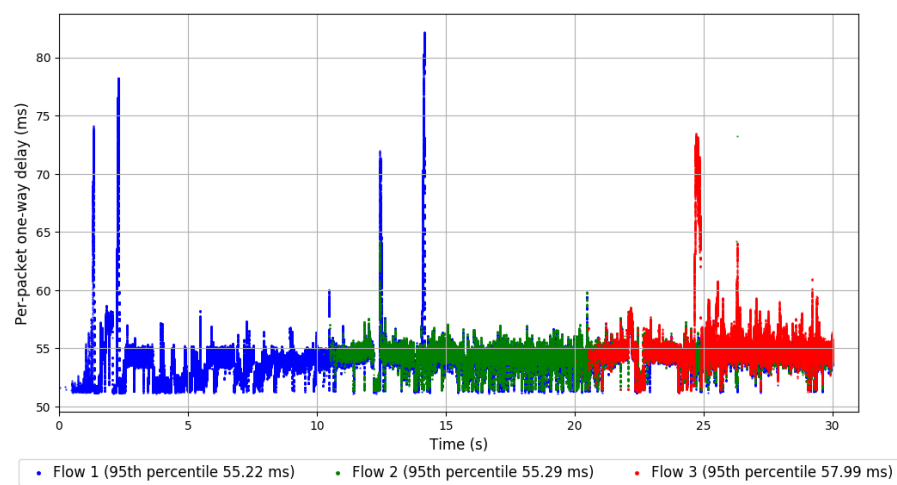
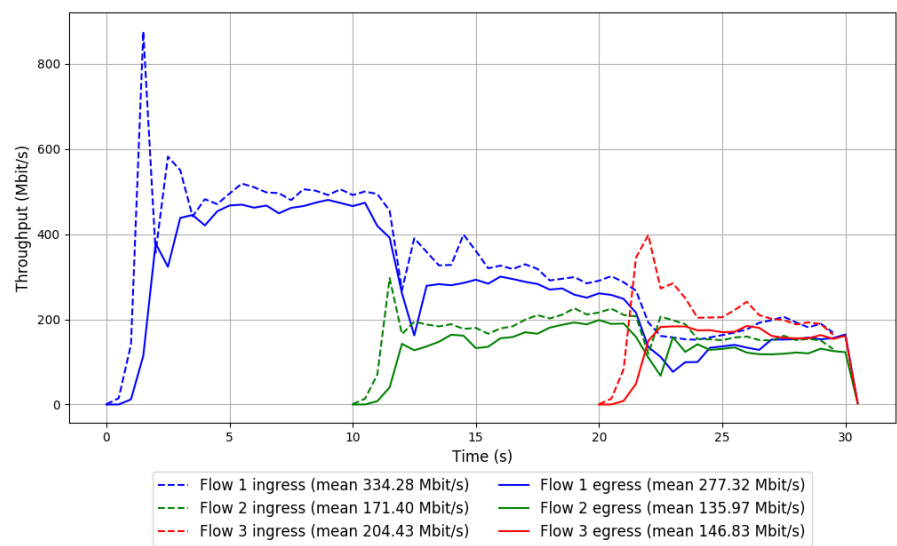


Run 10: Statistics of FillP-Sheep

Start at: 2018-07-24 20:56:28
End at: 2018-07-24 20:56:58
Local clock offset: 2.109 ms
Remote clock offset: -33.354 ms

Below is generated by plot.py at 2018-07-24 21:44:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 416.61 Mbit/s
95th percentile per-packet one-way delay: 55.632 ms
Loss rate: 19.30%
-- Flow 1:
Average throughput: 277.32 Mbit/s
95th percentile per-packet one-way delay: 55.216 ms
Loss rate: 17.03%
-- Flow 2:
Average throughput: 135.97 Mbit/s
95th percentile per-packet one-way delay: 55.289 ms
Loss rate: 20.68%
-- Flow 3:
Average throughput: 146.83 Mbit/s
95th percentile per-packet one-way delay: 57.989 ms
Loss rate: 28.17%

Run 10: Report of FillP-Sheep — Data Link

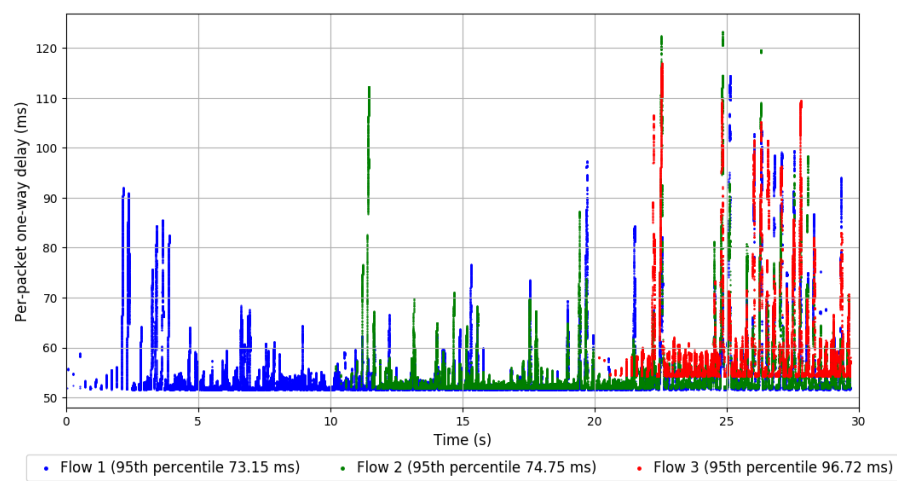
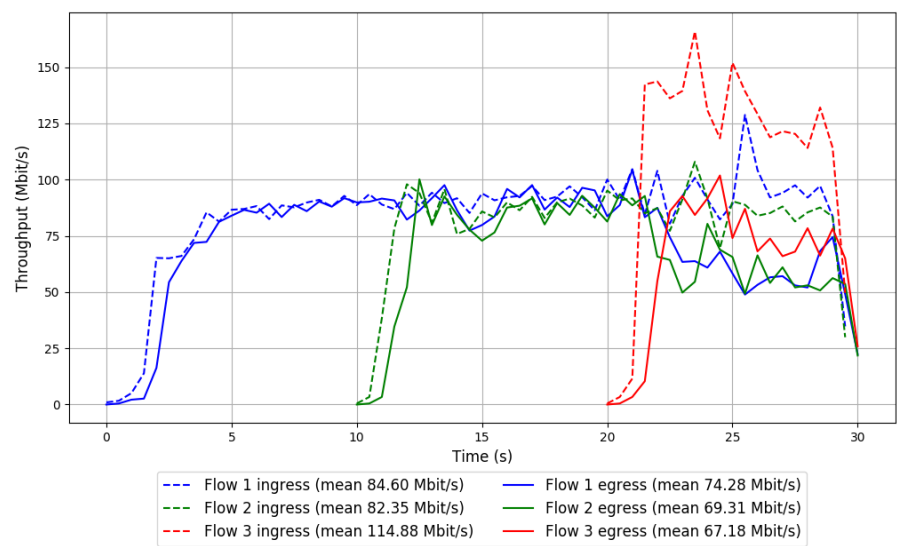


Run 1: Statistics of Indigo

Start at: 2018-07-24 14:48:33
End at: 2018-07-24 14:49:03
Local clock offset: 2.604 ms
Remote clock offset: -35.163 ms

Below is generated by plot.py at 2018-07-24 21:44:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 141.38 Mbit/s
95th percentile per-packet one-way delay: 81.053 ms
Loss rate: 19.48%
-- Flow 1:
Average throughput: 74.28 Mbit/s
95th percentile per-packet one-way delay: 73.150 ms
Loss rate: 12.20%
-- Flow 2:
Average throughput: 69.31 Mbit/s
95th percentile per-packet one-way delay: 74.752 ms
Loss rate: 15.84%
-- Flow 3:
Average throughput: 67.18 Mbit/s
95th percentile per-packet one-way delay: 96.719 ms
Loss rate: 41.54%

Run 1: Report of Indigo — Data Link

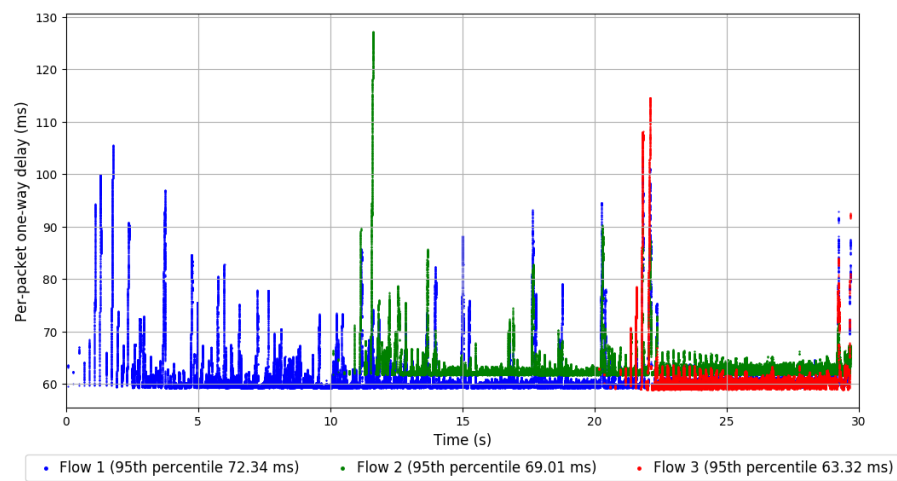
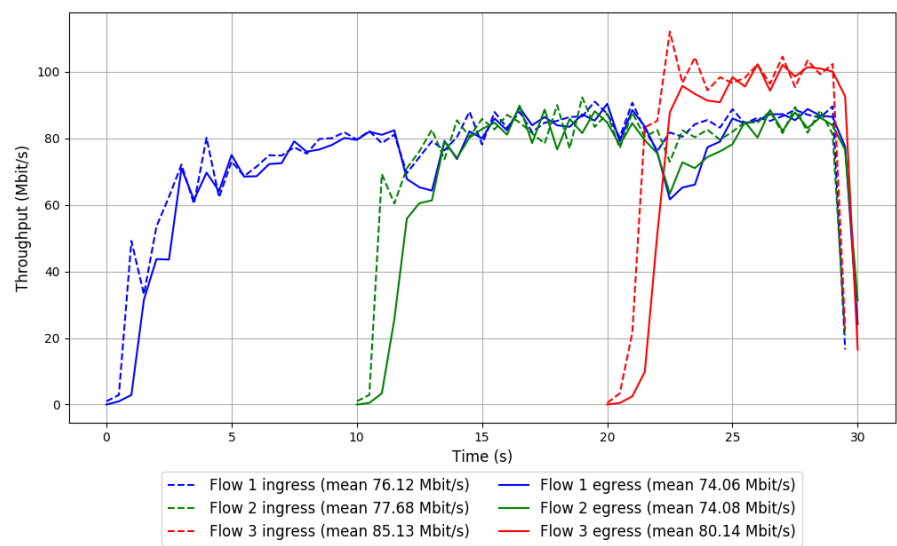


Run 2: Statistics of Indigo

Start at: 2018-07-24 15:18:31
End at: 2018-07-24 15:19:01
Local clock offset: 2.312 ms
Remote clock offset: -27.902 ms

Below is generated by plot.py at 2018-07-24 21:44:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 148.80 Mbit/s
95th percentile per-packet one-way delay: 70.737 ms
Loss rate: 3.89%
-- Flow 1:
Average throughput: 74.06 Mbit/s
95th percentile per-packet one-way delay: 72.342 ms
Loss rate: 2.69%
-- Flow 2:
Average throughput: 74.08 Mbit/s
95th percentile per-packet one-way delay: 69.007 ms
Loss rate: 4.62%
-- Flow 3:
Average throughput: 80.14 Mbit/s
95th percentile per-packet one-way delay: 63.318 ms
Loss rate: 5.86%

Run 2: Report of Indigo — Data Link

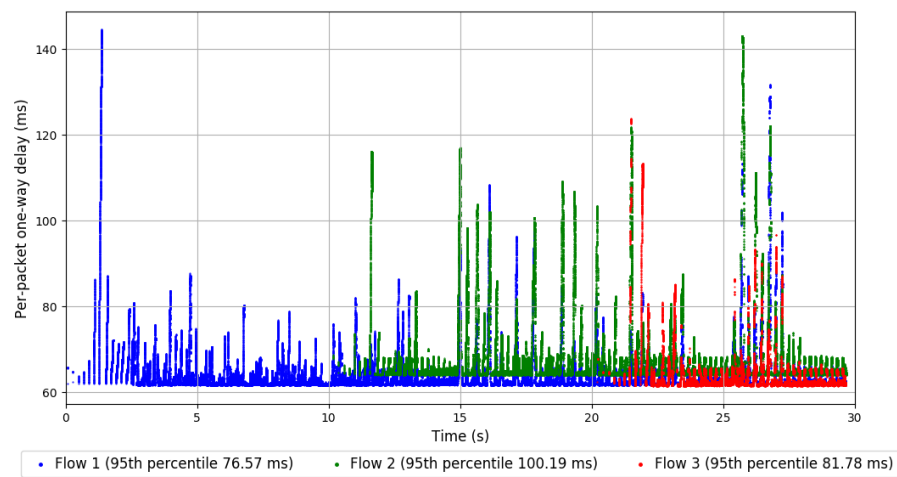
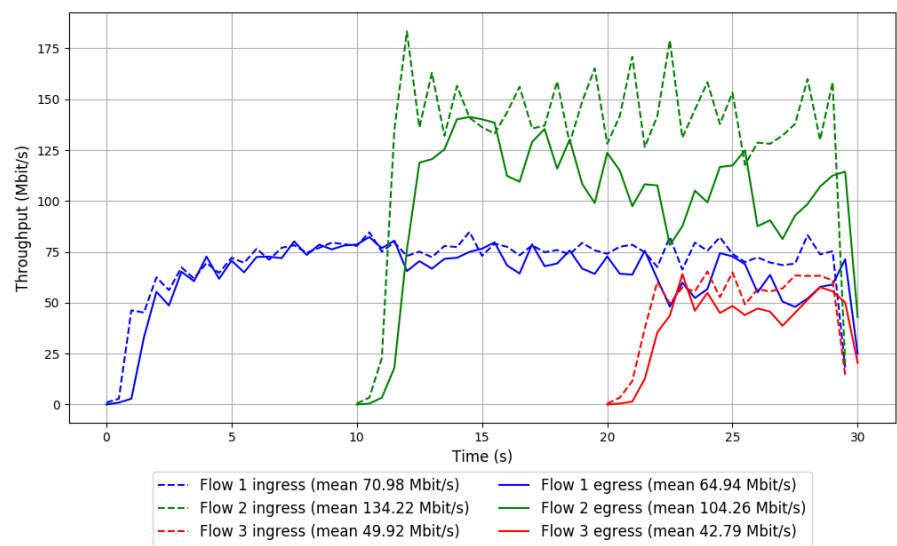


Run 3: Statistics of Indigo

Start at: 2018-07-24 15:54:12
End at: 2018-07-24 15:54:42
Local clock offset: -1.62 ms
Remote clock offset: -31.838 ms

Below is generated by plot.py at 2018-07-24 21:44:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 147.28 Mbit/s
95th percentile per-packet one-way delay: 89.446 ms
Loss rate: 16.02%
-- Flow 1:
Average throughput: 64.94 Mbit/s
95th percentile per-packet one-way delay: 76.569 ms
Loss rate: 8.51%
-- Flow 2:
Average throughput: 104.26 Mbit/s
95th percentile per-packet one-way delay: 100.195 ms
Loss rate: 22.35%
-- Flow 3:
Average throughput: 42.79 Mbit/s
95th percentile per-packet one-way delay: 81.781 ms
Loss rate: 14.27%

Run 3: Report of Indigo — Data Link

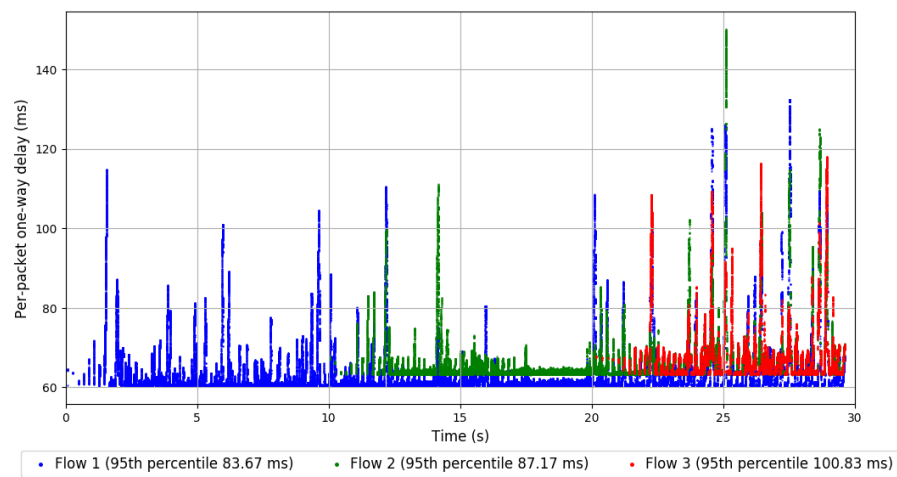
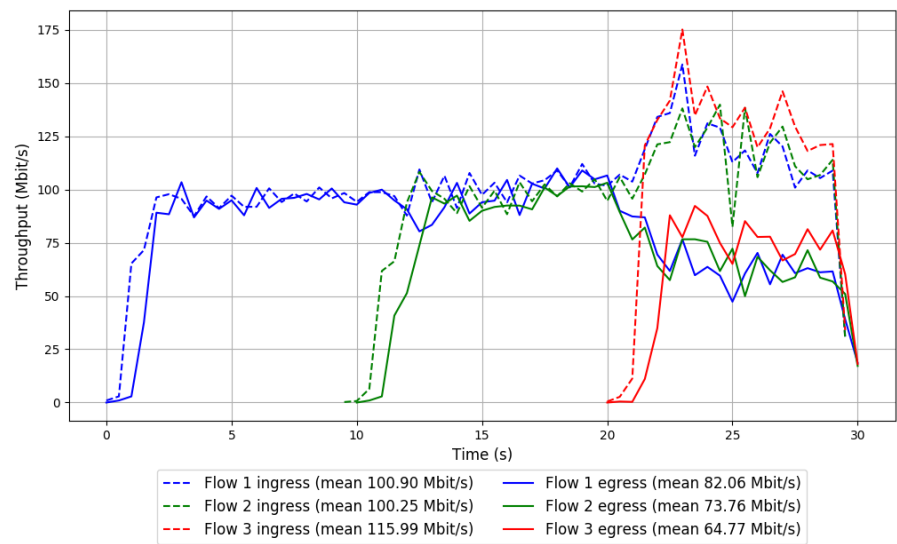


Run 4: Statistics of Indigo

Start at: 2018-07-24 16:30:02
End at: 2018-07-24 16:30:32
Local clock offset: -0.217 ms
Remote clock offset: -34.309 ms

Below is generated by plot.py at 2018-07-24 21:44:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 151.57 Mbit/s
95th percentile per-packet one-way delay: 88.105 ms
Loss rate: 25.79%
-- Flow 1:
Average throughput: 82.06 Mbit/s
95th percentile per-packet one-way delay: 83.672 ms
Loss rate: 18.65%
-- Flow 2:
Average throughput: 73.76 Mbit/s
95th percentile per-packet one-way delay: 87.170 ms
Loss rate: 26.42%
-- Flow 3:
Average throughput: 64.77 Mbit/s
95th percentile per-packet one-way delay: 100.831 ms
Loss rate: 44.15%

Run 4: Report of Indigo — Data Link

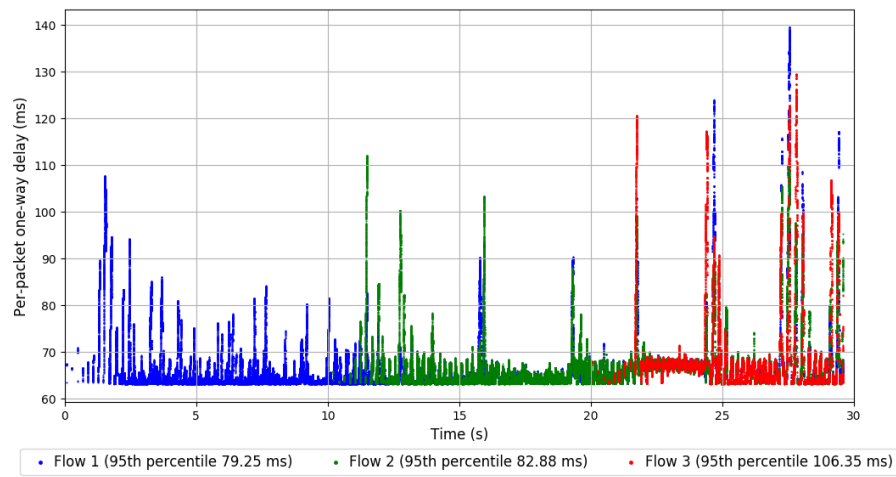
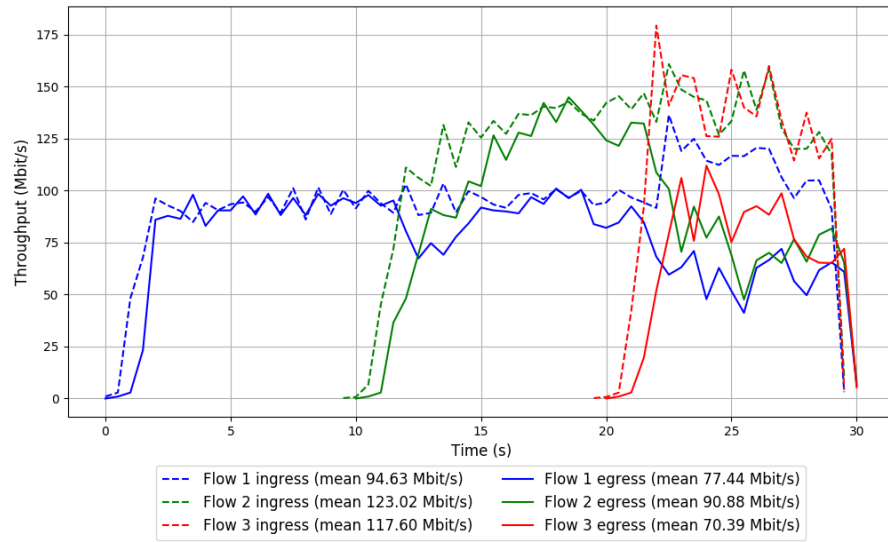


Run 5: Statistics of Indigo

Start at: 2018-07-24 17:04:03
End at: 2018-07-24 17:04:33
Local clock offset: -2.068 ms
Remote clock offset: -38.296 ms

Below is generated by plot.py at 2018-07-24 21:44:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 160.43 Mbit/s
95th percentile per-packet one-way delay: 84.516 ms
Loss rate: 25.10%
-- Flow 1:
Average throughput: 77.44 Mbit/s
95th percentile per-packet one-way delay: 79.250 ms
Loss rate: 18.17%
-- Flow 2:
Average throughput: 90.88 Mbit/s
95th percentile per-packet one-way delay: 82.875 ms
Loss rate: 26.14%
-- Flow 3:
Average throughput: 70.39 Mbit/s
95th percentile per-packet one-way delay: 106.350 ms
Loss rate: 40.12%

Run 5: Report of Indigo — Data Link

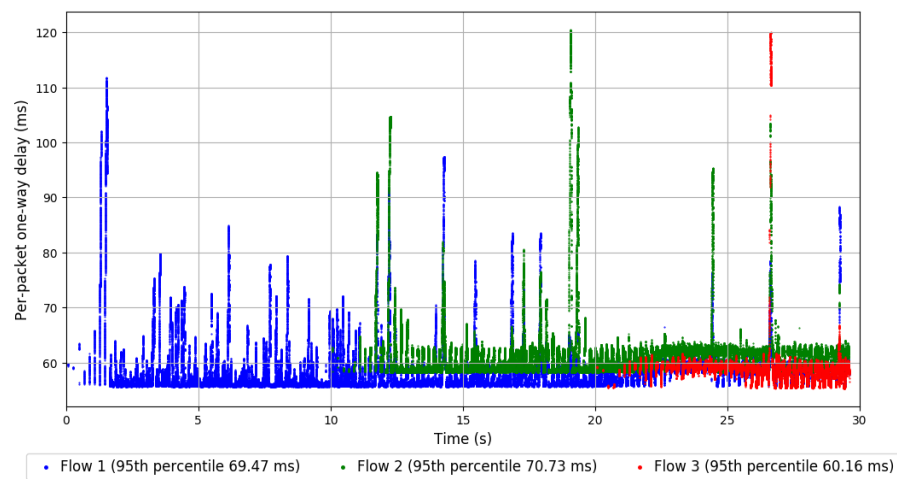
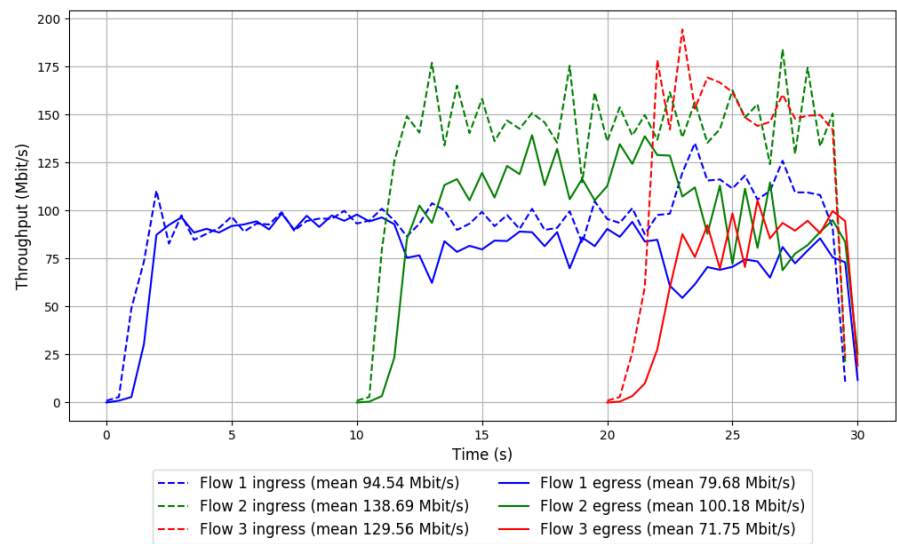


Run 6: Statistics of Indigo

Start at: 2018-07-24 17:39:46
End at: 2018-07-24 17:40:16
Local clock offset: 1.261 ms
Remote clock offset: -41.043 ms

Below is generated by plot.py at 2018-07-24 21:44:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 169.00 Mbit/s
95th percentile per-packet one-way delay: 68.308 ms
Loss rate: 25.86%
-- Flow 1:
Average throughput: 79.68 Mbit/s
95th percentile per-packet one-way delay: 69.465 ms
Loss rate: 15.73%
-- Flow 2:
Average throughput: 100.18 Mbit/s
95th percentile per-packet one-way delay: 70.727 ms
Loss rate: 27.75%
-- Flow 3:
Average throughput: 71.75 Mbit/s
95th percentile per-packet one-way delay: 60.157 ms
Loss rate: 44.63%

Run 6: Report of Indigo — Data Link

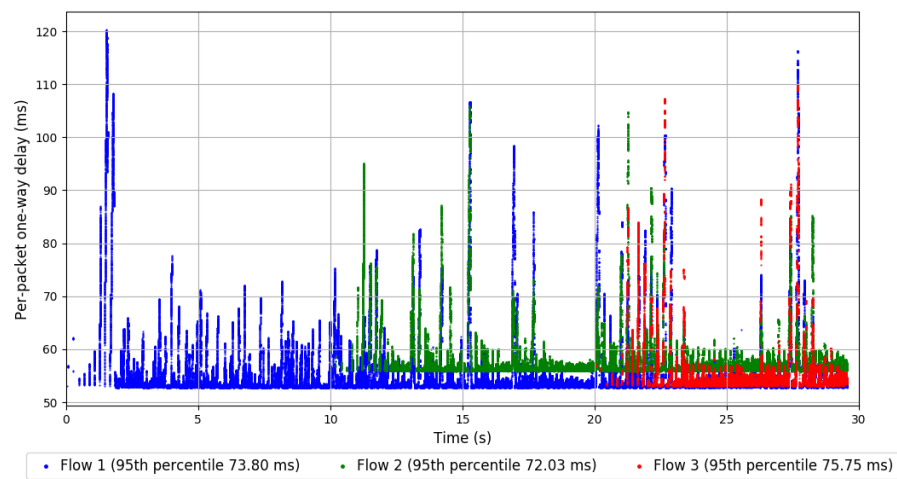
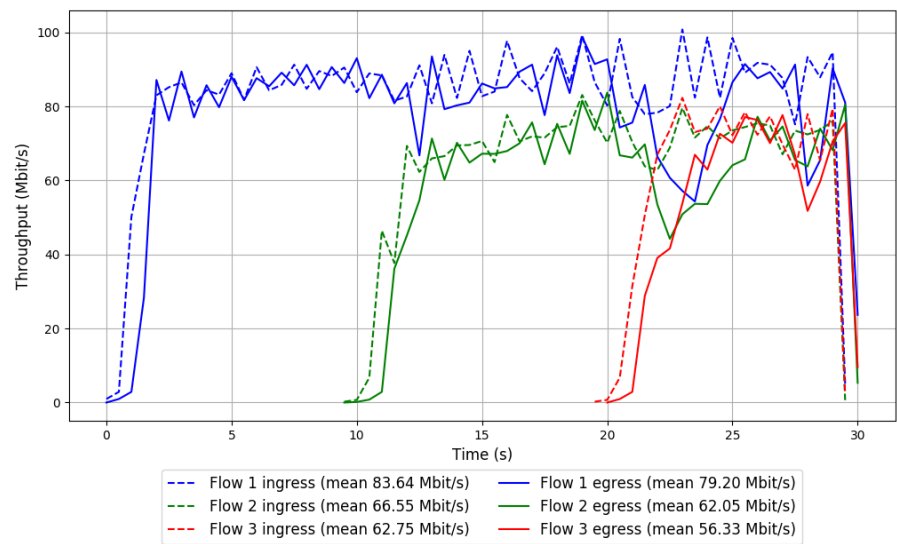


Run 7: Statistics of Indigo

Start at: 2018-07-24 18:26:34
End at: 2018-07-24 18:27:04
Local clock offset: 0.448 ms
Remote clock offset: -44.744 ms

Below is generated by plot.py at 2018-07-24 21:44:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 138.54 Mbit/s
95th percentile per-packet one-way delay: 73.535 ms
Loss rate: 6.42%
-- Flow 1:
Average throughput: 79.20 Mbit/s
95th percentile per-packet one-way delay: 73.804 ms
Loss rate: 5.30%
-- Flow 2:
Average throughput: 62.05 Mbit/s
95th percentile per-packet one-way delay: 72.032 ms
Loss rate: 6.76%
-- Flow 3:
Average throughput: 56.33 Mbit/s
95th percentile per-packet one-way delay: 75.754 ms
Loss rate: 10.26%

Run 7: Report of Indigo — Data Link

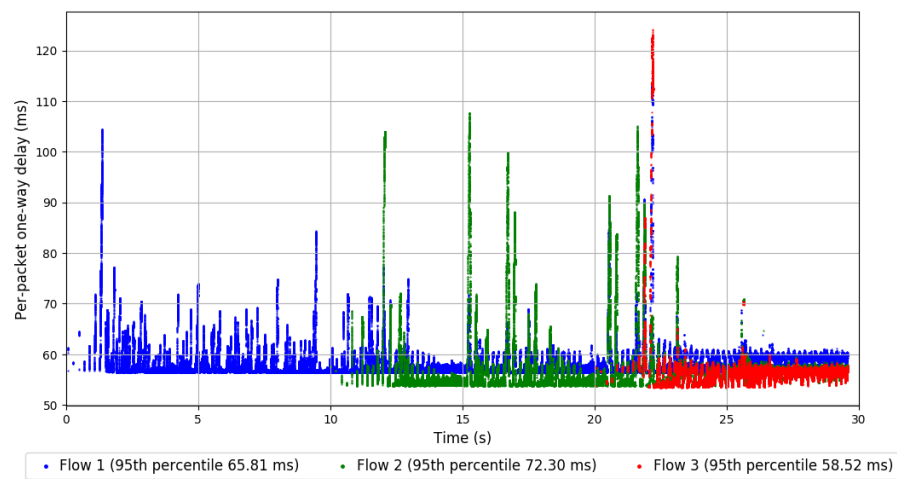
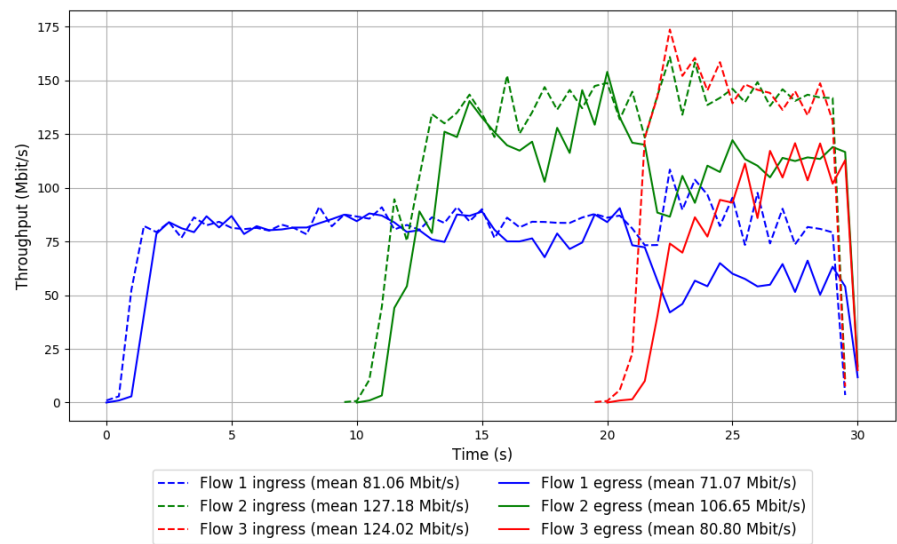


Run 8: Statistics of Indigo

Start at: 2018-07-24 19:23:10
End at: 2018-07-24 19:23:40
Local clock offset: -0.347 ms
Remote clock offset: -38.361 ms

Below is generated by plot.py at 2018-07-24 21:44:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 167.90 Mbit/s
95th percentile per-packet one-way delay: 67.113 ms
Loss rate: 18.28%
-- Flow 1:
Average throughput: 71.07 Mbit/s
95th percentile per-packet one-way delay: 65.814 ms
Loss rate: 12.32%
-- Flow 2:
Average throughput: 106.65 Mbit/s
95th percentile per-packet one-way delay: 72.297 ms
Loss rate: 16.15%
-- Flow 3:
Average throughput: 80.80 Mbit/s
95th percentile per-packet one-way delay: 58.520 ms
Loss rate: 34.83%

Run 8: Report of Indigo — Data Link

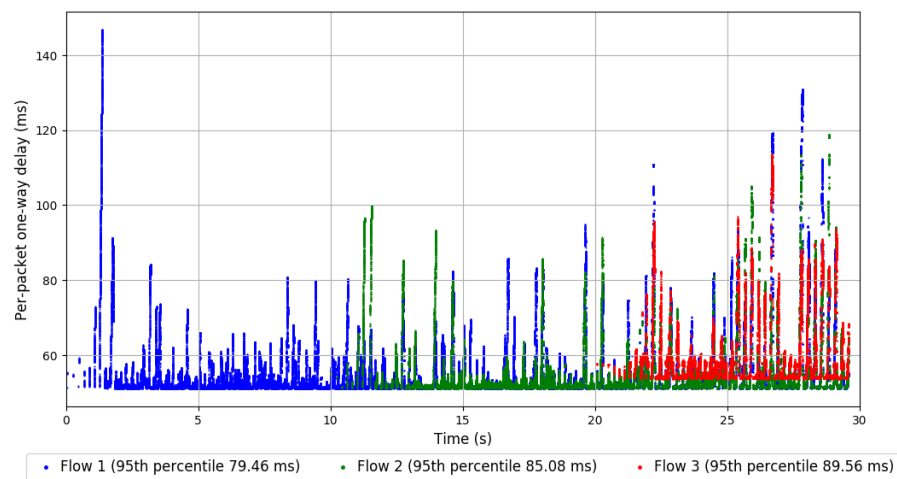
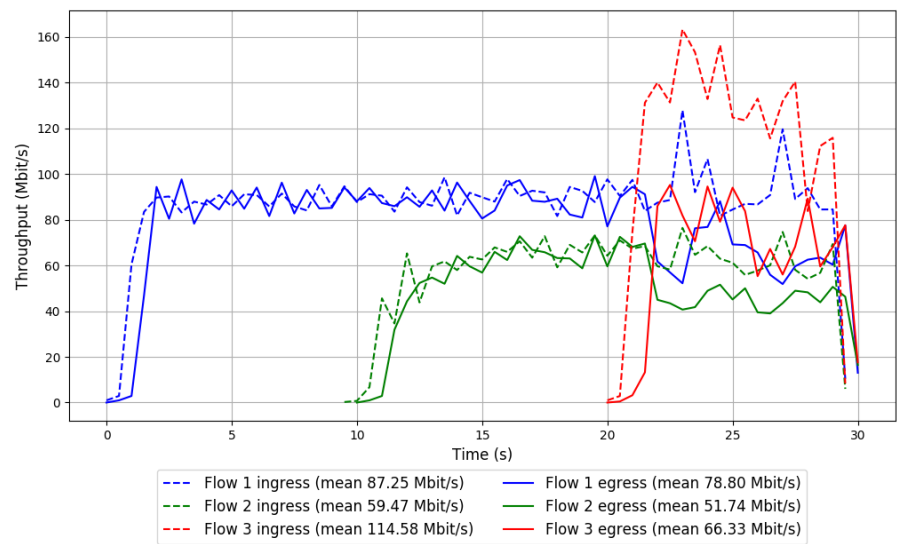


Run 9: Statistics of Indigo

Start at: 2018-07-24 19:59:12
End at: 2018-07-24 19:59:42
Local clock offset: 1.725 ms
Remote clock offset: -35.288 ms

Below is generated by plot.py at 2018-07-24 21:44:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 134.39 Mbit/s
95th percentile per-packet one-way delay: 83.646 ms
Loss rate: 17.77%
-- Flow 1:
Average throughput: 78.80 Mbit/s
95th percentile per-packet one-way delay: 79.463 ms
Loss rate: 9.68%
-- Flow 2:
Average throughput: 51.74 Mbit/s
95th percentile per-packet one-way delay: 85.083 ms
Loss rate: 12.95%
-- Flow 3:
Average throughput: 66.33 Mbit/s
95th percentile per-packet one-way delay: 89.556 ms
Loss rate: 42.06%

Run 9: Report of Indigo — Data Link

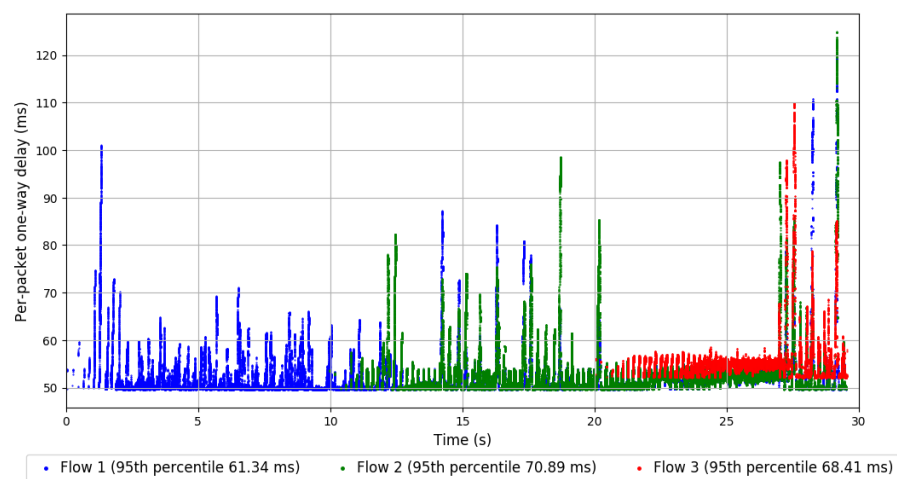
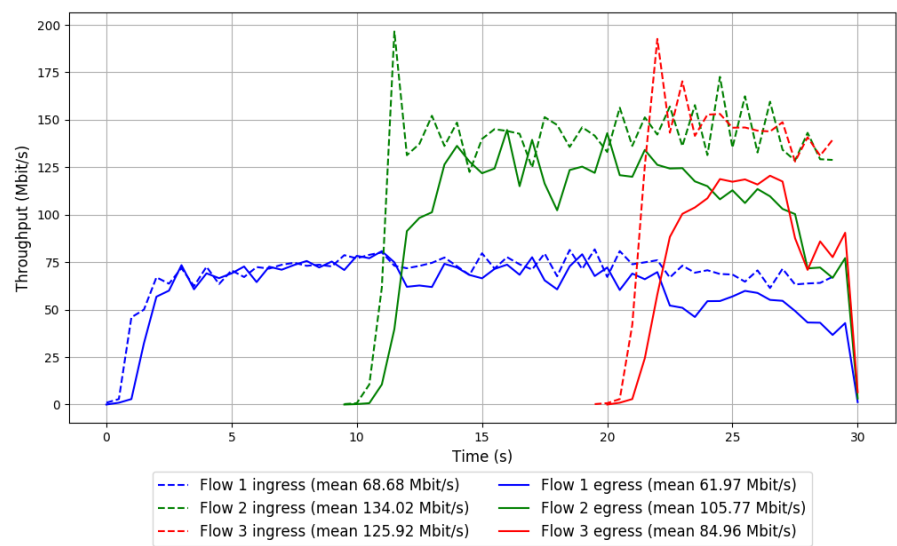


Run 10: Statistics of Indigo

Start at: 2018-07-24 20:58:06
End at: 2018-07-24 20:58:36
Local clock offset: 1.446 ms
Remote clock offset: -35.567 ms

Below is generated by plot.py at 2018-07-24 21:44:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 159.47 Mbit/s
95th percentile per-packet one-way delay: 66.738 ms
Loss rate: 19.51%
-- Flow 1:
Average throughput: 61.97 Mbit/s
95th percentile per-packet one-way delay: 61.345 ms
Loss rate: 9.77%
-- Flow 2:
Average throughput: 105.77 Mbit/s
95th percentile per-packet one-way delay: 70.895 ms
Loss rate: 21.09%
-- Flow 3:
Average throughput: 84.96 Mbit/s
95th percentile per-packet one-way delay: 68.414 ms
Loss rate: 32.51%

Run 10: Report of Indigo — Data Link

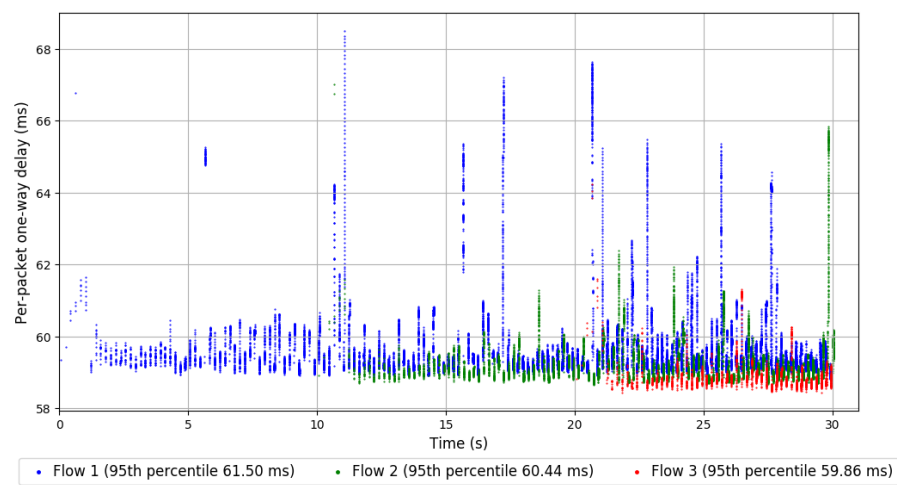
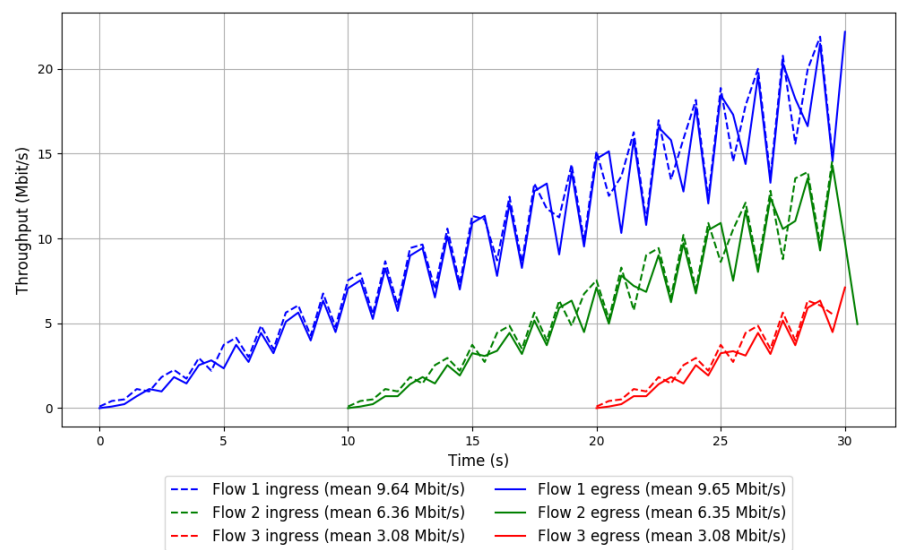


Run 1: Statistics of LEDBAT

Start at: 2018-07-24 14:22:34
End at: 2018-07-24 14:23:04
Local clock offset: 1.964 ms
Remote clock offset: -28.132 ms

Below is generated by plot.py at 2018-07-24 21:44:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 14.86 Mbit/s
95th percentile per-packet one-way delay: 60.968 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.65 Mbit/s
95th percentile per-packet one-way delay: 61.502 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.35 Mbit/s
95th percentile per-packet one-way delay: 60.444 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.08 Mbit/s
95th percentile per-packet one-way delay: 59.859 ms
Loss rate: 0.00%

Run 1: Report of LEDBAT — Data Link

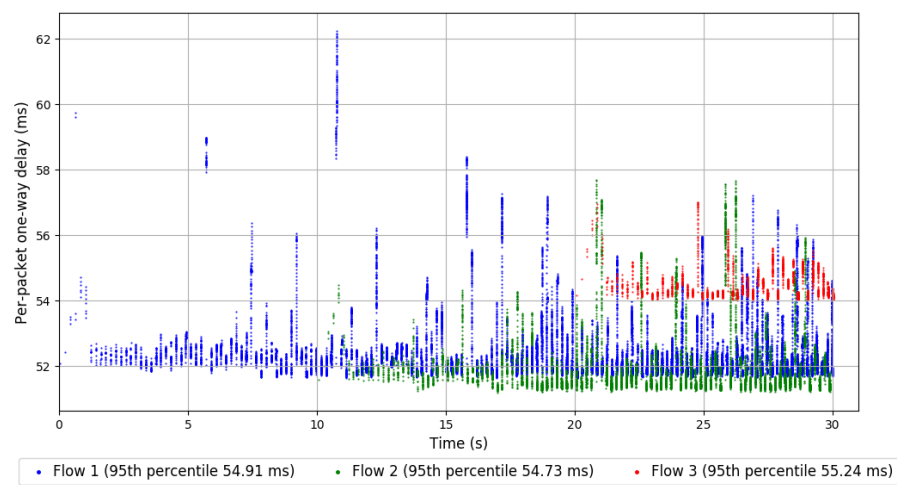
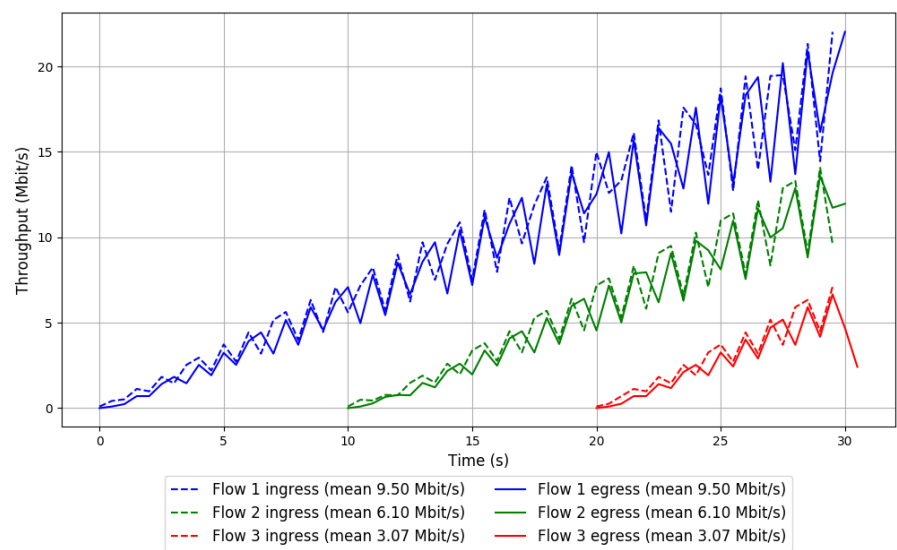


```
Run 2: Statistics of LEDBAT

Start at: 2018-07-24 14:58:21
End at: 2018-07-24 14:58:51
Local clock offset: 2.28 ms
Remote clock offset: -35.875 ms

# Below is generated by plot.py at 2018-07-24 21:44:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 14.55 Mbit/s
95th percentile per-packet one-way delay: 55.048 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.50 Mbit/s
95th percentile per-packet one-way delay: 54.910 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.10 Mbit/s
95th percentile per-packet one-way delay: 54.729 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.07 Mbit/s
95th percentile per-packet one-way delay: 55.240 ms
Loss rate: 0.00%
```

Run 2: Report of LEDBAT — Data Link

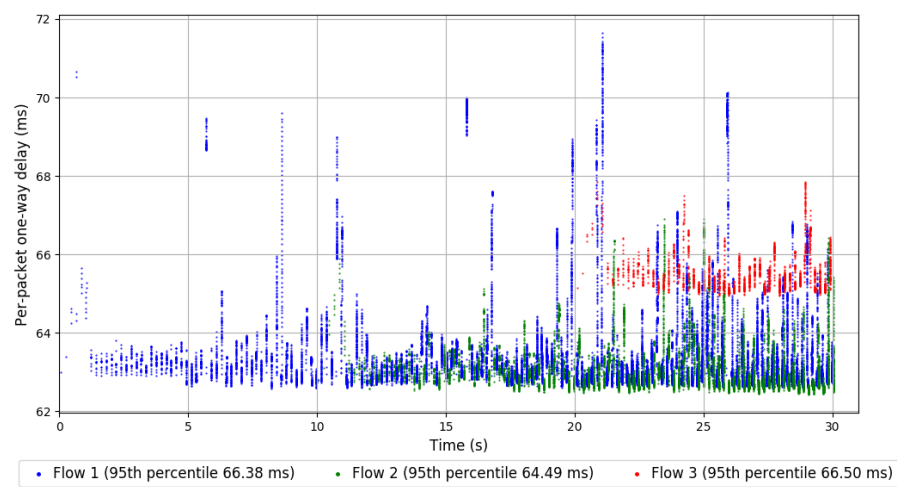
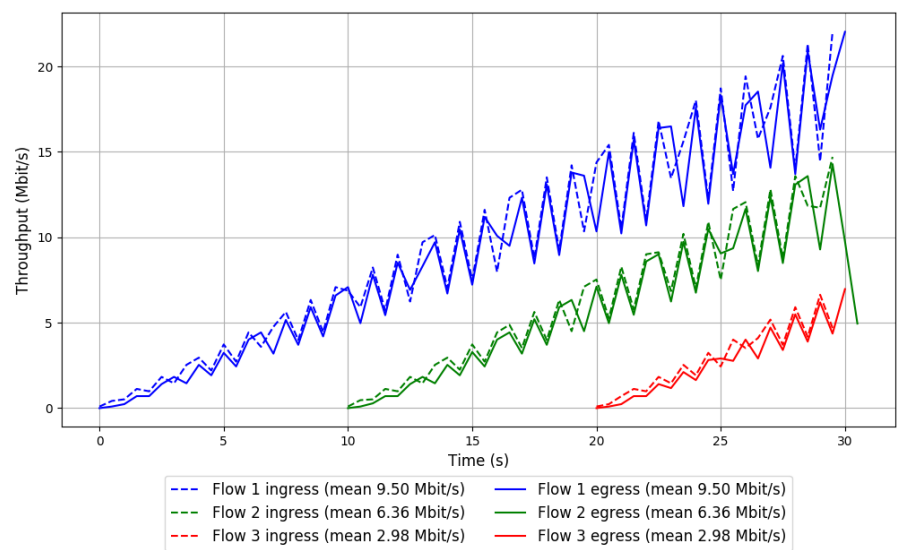


Run 3: Statistics of LEDBAT

Start at: 2018-07-24 15:33:55
End at: 2018-07-24 15:34:25
Local clock offset: -0.219 ms
Remote clock offset: -27.986 ms

Below is generated by plot.py at 2018-07-24 21:44:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 14.70 Mbit/s
95th percentile per-packet one-way delay: 66.081 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.50 Mbit/s
95th percentile per-packet one-way delay: 66.382 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.36 Mbit/s
95th percentile per-packet one-way delay: 64.488 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.98 Mbit/s
95th percentile per-packet one-way delay: 66.505 ms
Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link

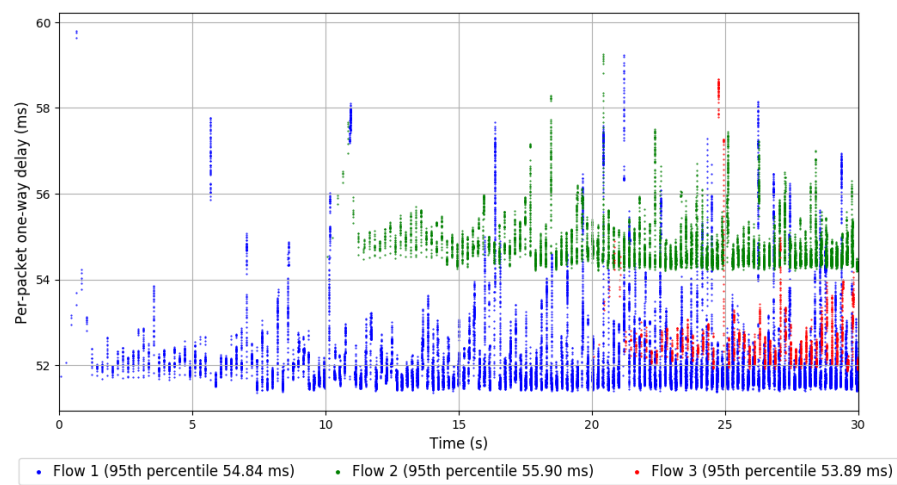
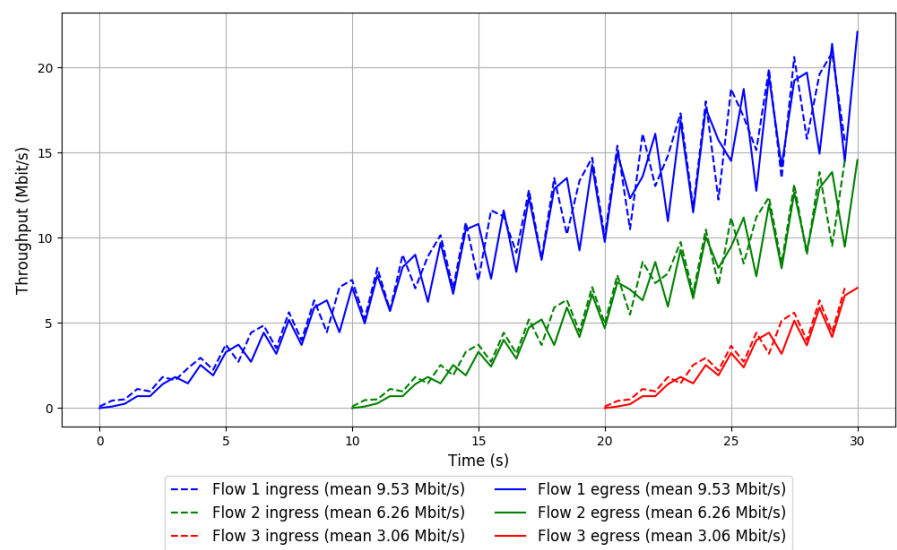


Run 4: Statistics of LEDBAT

Start at: 2018-07-24 16:09:20
End at: 2018-07-24 16:09:50
Local clock offset: -0.893 ms
Remote clock offset: -42.393 ms

Below is generated by plot.py at 2018-07-24 21:44:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 14.70 Mbit/s
95th percentile per-packet one-way delay: 55.500 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.53 Mbit/s
95th percentile per-packet one-way delay: 54.845 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.26 Mbit/s
95th percentile per-packet one-way delay: 55.895 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.06 Mbit/s
95th percentile per-packet one-way delay: 53.888 ms
Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link

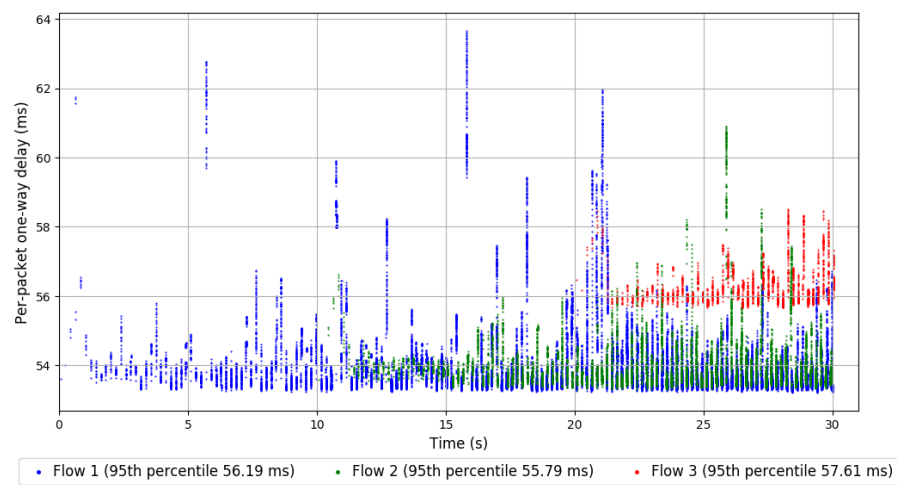
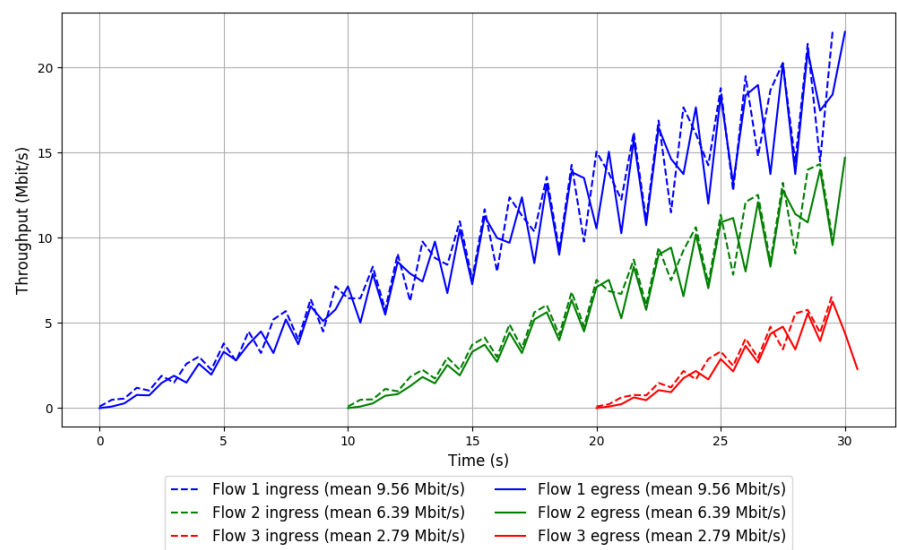


Run 5: Statistics of LEDBAT

Start at: 2018-07-24 16:39:56
End at: 2018-07-24 16:40:26
Local clock offset: 0.415 ms
Remote clock offset: -41.975 ms

Below is generated by plot.py at 2018-07-24 21:44:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 14.71 Mbit/s
95th percentile per-packet one-way delay: 56.583 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.56 Mbit/s
95th percentile per-packet one-way delay: 56.187 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.39 Mbit/s
95th percentile per-packet one-way delay: 55.792 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.79 Mbit/s
95th percentile per-packet one-way delay: 57.606 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

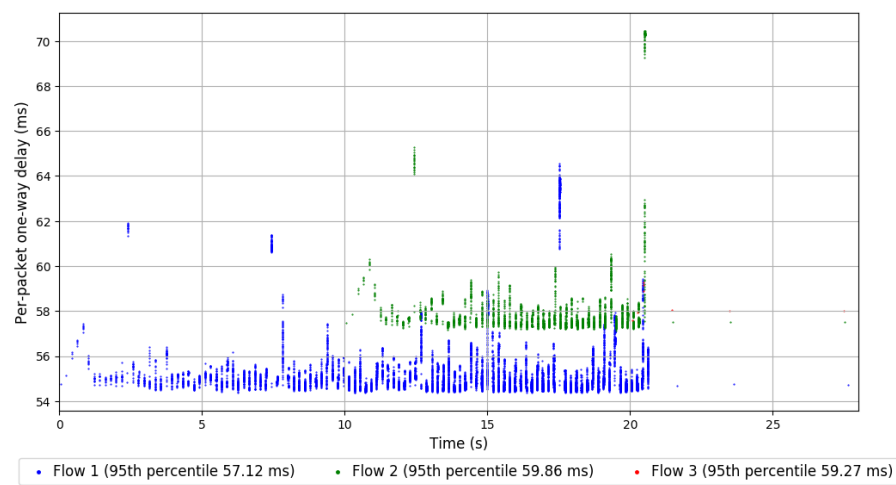
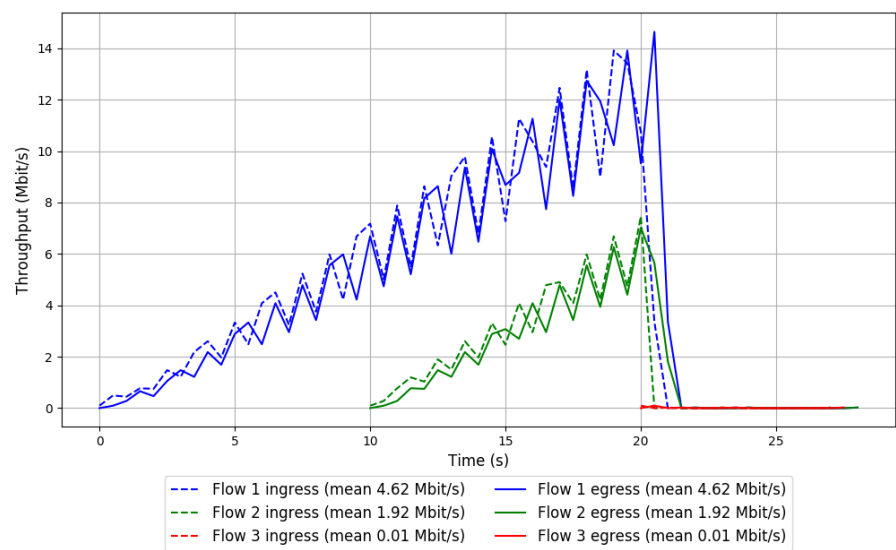


Run 6: Statistics of LEDBAT

Start at: 2018-07-24 17:19:34
End at: 2018-07-24 17:20:04
Local clock offset: -3.58 ms
Remote clock offset: -46.452 ms

Below is generated by plot.py at 2018-07-24 21:44:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 5.84 Mbit/s
95th percentile per-packet one-way delay: 58.473 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.62 Mbit/s
95th percentile per-packet one-way delay: 57.124 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.92 Mbit/s
95th percentile per-packet one-way delay: 59.864 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.01 Mbit/s
95th percentile per-packet one-way delay: 59.270 ms
Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link

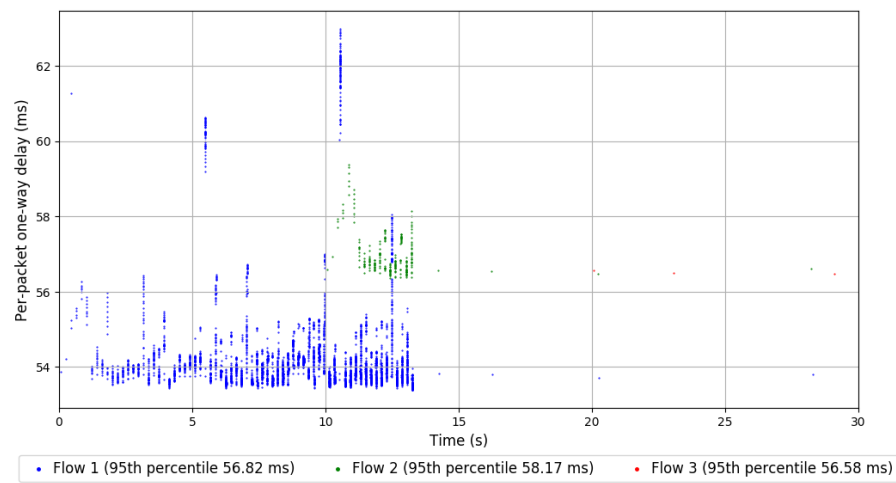
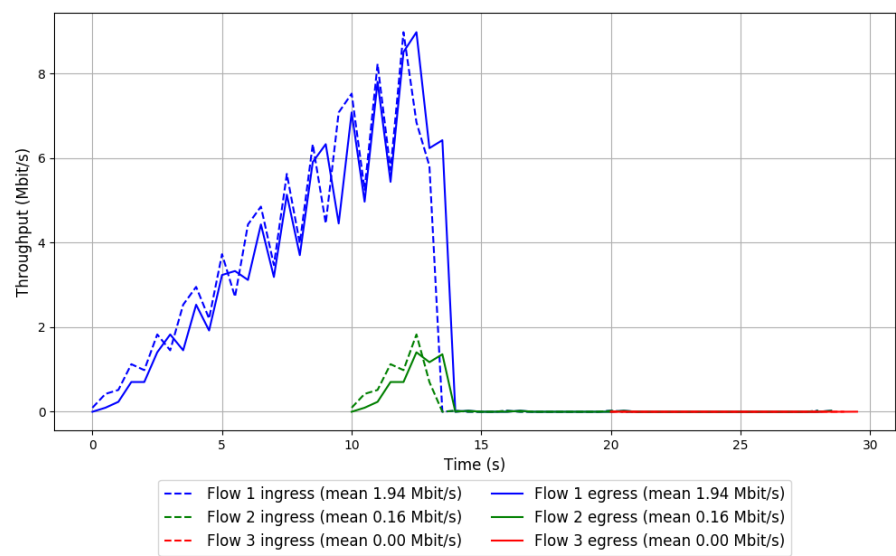


Run 7: Statistics of LEDBAT

Start at: 2018-07-24 17:49:41
End at: 2018-07-24 17:50:11
Local clock offset: 1.24 ms
Remote clock offset: -43.153 ms

Below is generated by plot.py at 2018-07-24 21:44:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 1.98 Mbit/s
95th percentile per-packet one-way delay: 57.310 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.94 Mbit/s
95th percentile per-packet one-way delay: 56.821 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 58.175 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 56.577 ms
Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link

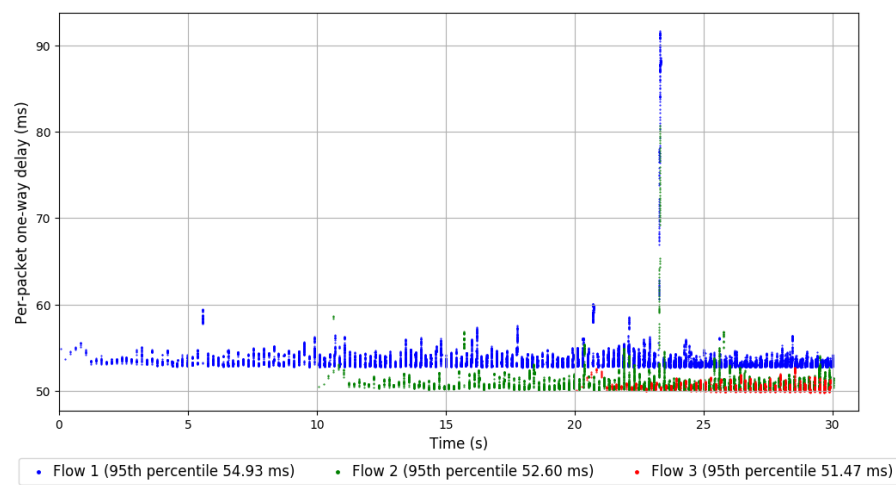
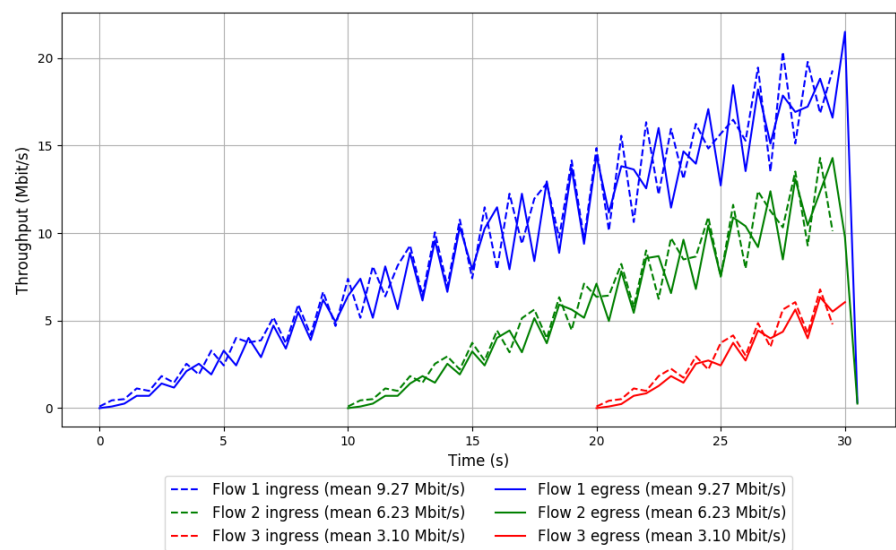


Run 8: Statistics of LEDBAT

Start at: 2018-07-24 18:47:38
End at: 2018-07-24 18:48:08
Local clock offset: 0.235 ms
Remote clock offset: -45.758 ms

Below is generated by plot.py at 2018-07-24 21:44:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 14.42 Mbit/s
95th percentile per-packet one-way delay: 54.642 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 9.27 Mbit/s
95th percentile per-packet one-way delay: 54.927 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.23 Mbit/s
95th percentile per-packet one-way delay: 52.603 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 3.10 Mbit/s
95th percentile per-packet one-way delay: 51.474 ms
Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link

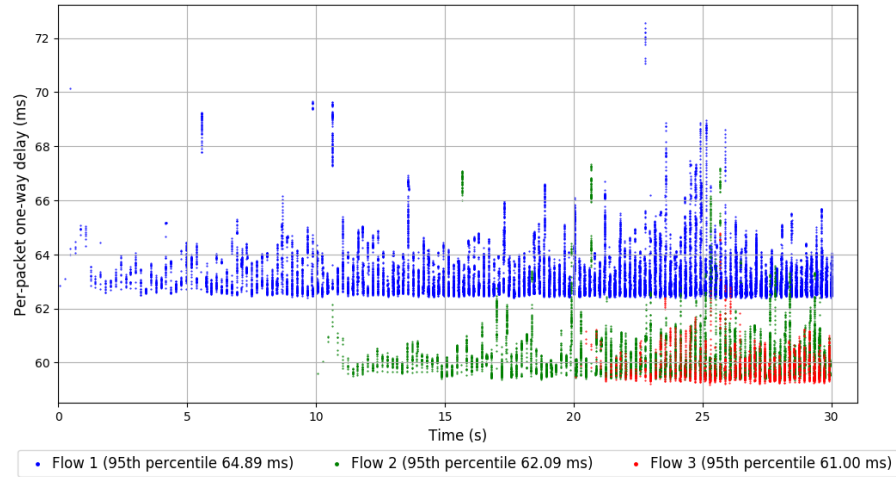
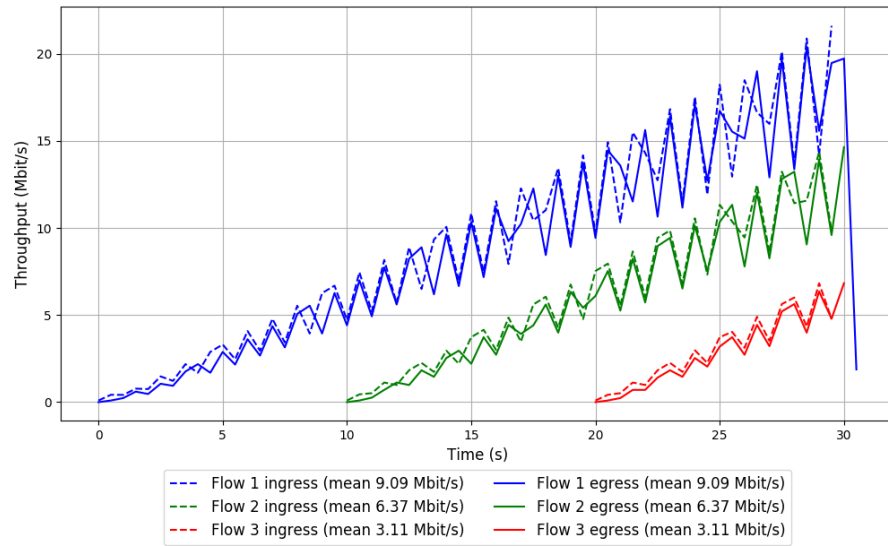


Run 9: Statistics of LEDBAT

Start at: 2018-07-24 19:33:26
End at: 2018-07-24 19:33:56
Local clock offset: 0.555 ms
Remote clock offset: -30.215 ms

Below is generated by plot.py at 2018-07-24 21:44:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 14.34 Mbit/s
95th percentile per-packet one-way delay: 64.573 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.09 Mbit/s
95th percentile per-packet one-way delay: 64.888 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.37 Mbit/s
95th percentile per-packet one-way delay: 62.094 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.11 Mbit/s
95th percentile per-packet one-way delay: 61.001 ms
Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link

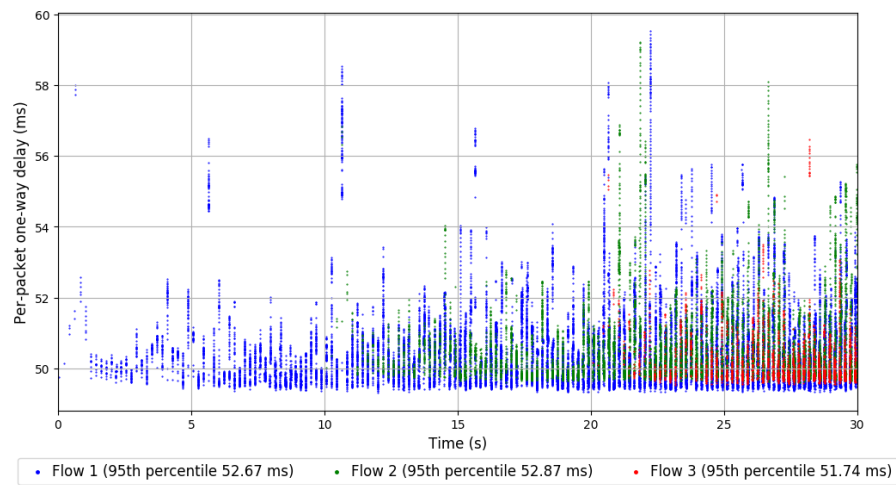
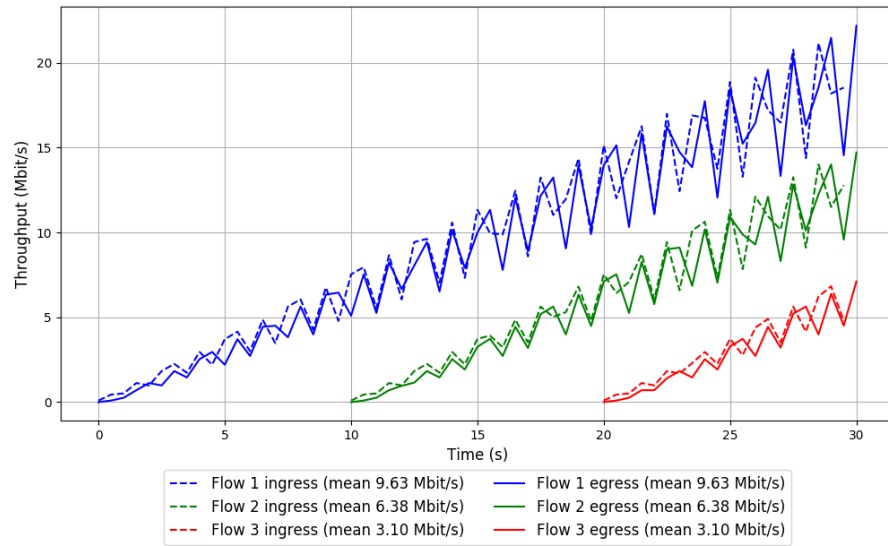


Run 10: Statistics of LEDBAT

Start at: 2018-07-24 20:32:10
End at: 2018-07-24 20:32:40
Local clock offset: 0.301 ms
Remote clock offset: -37.307 ms

Below is generated by plot.py at 2018-07-24 21:44:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 14.90 Mbit/s
95th percentile per-packet one-way delay: 52.649 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.63 Mbit/s
95th percentile per-packet one-way delay: 52.666 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.38 Mbit/s
95th percentile per-packet one-way delay: 52.874 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.10 Mbit/s
95th percentile per-packet one-way delay: 51.745 ms
Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link

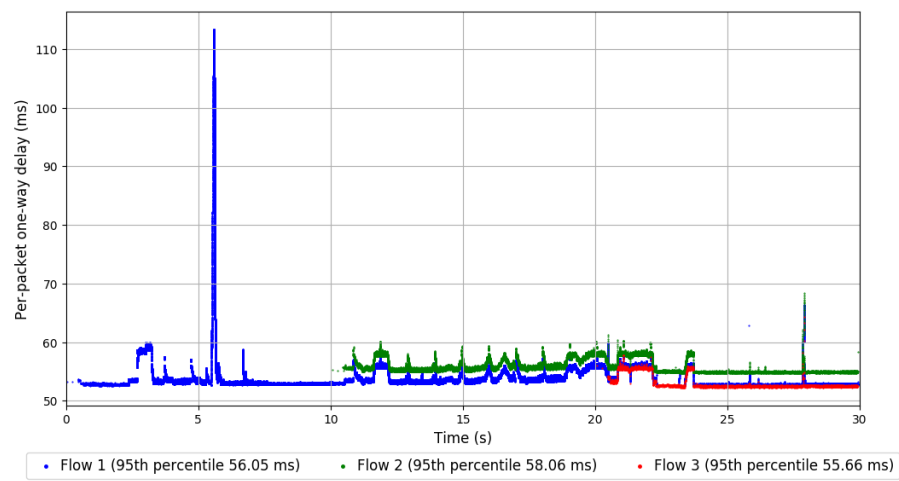
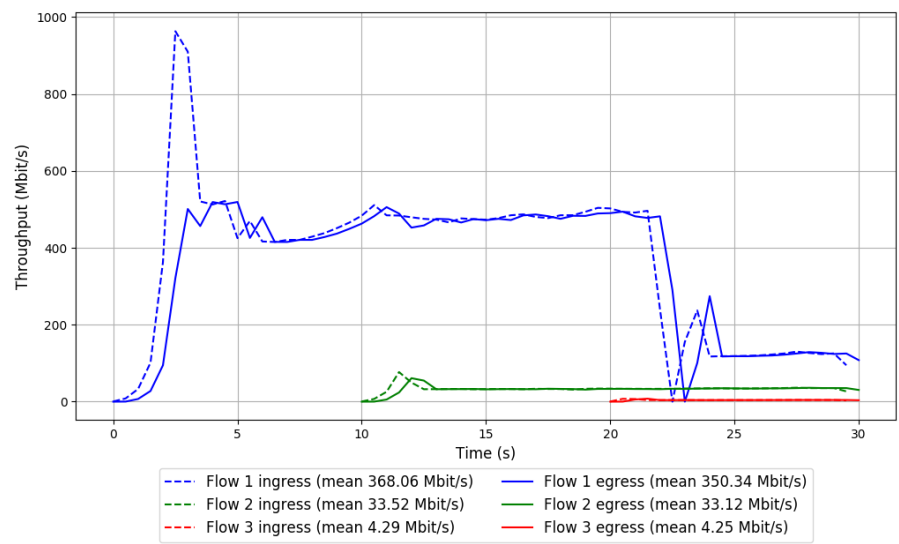


```
Run 1: Statistics of PCC-Allegro

Start at: 2018-07-24 14:55:20
End at: 2018-07-24 14:55:50
Local clock offset: 0.581 ms
Remote clock offset: -36.389 ms

# Below is generated by plot.py at 2018-07-24 21:47:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 373.73 Mbit/s
95th percentile per-packet one-way delay: 56.398 ms
Loss rate: 4.59%
-- Flow 1:
Average throughput: 350.34 Mbit/s
95th percentile per-packet one-way delay: 56.050 ms
Loss rate: 4.82%
-- Flow 2:
Average throughput: 33.12 Mbit/s
95th percentile per-packet one-way delay: 58.058 ms
Loss rate: 1.17%
-- Flow 3:
Average throughput: 4.25 Mbit/s
95th percentile per-packet one-way delay: 55.658 ms
Loss rate: 1.00%
```

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2018-07-24 15:30:44

End at: 2018-07-24 15:31:14

Local clock offset: 1.354 ms

Remote clock offset: -37.338 ms

Below is generated by plot.py at 2018-07-24 21:48:42

Datalink statistics

-- Total of 3 flows:

Average throughput: 412.27 Mbit/s

95th percentile per-packet one-way delay: 57.359 ms

Loss rate: 6.38%

-- Flow 1:

Average throughput: 242.86 Mbit/s

95th percentile per-packet one-way delay: 57.539 ms

Loss rate: 7.70%

-- Flow 2:

Average throughput: 246.52 Mbit/s

95th percentile per-packet one-way delay: 54.531 ms

Loss rate: 4.50%

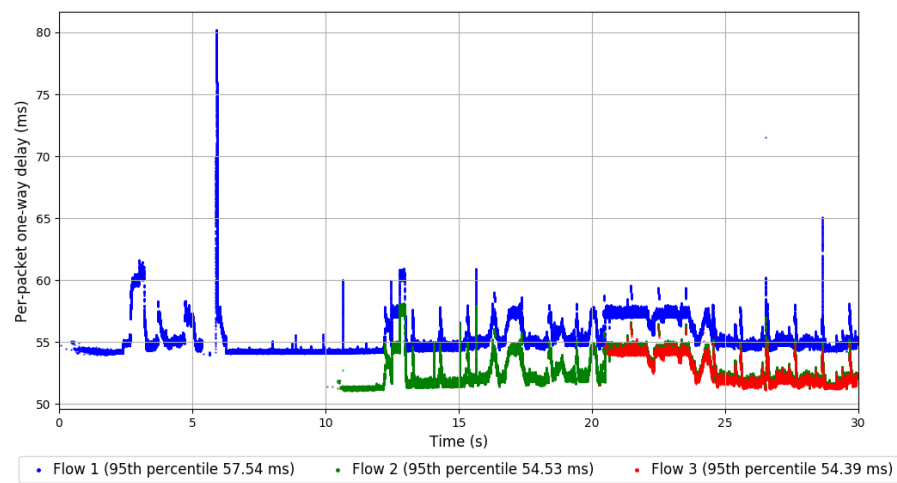
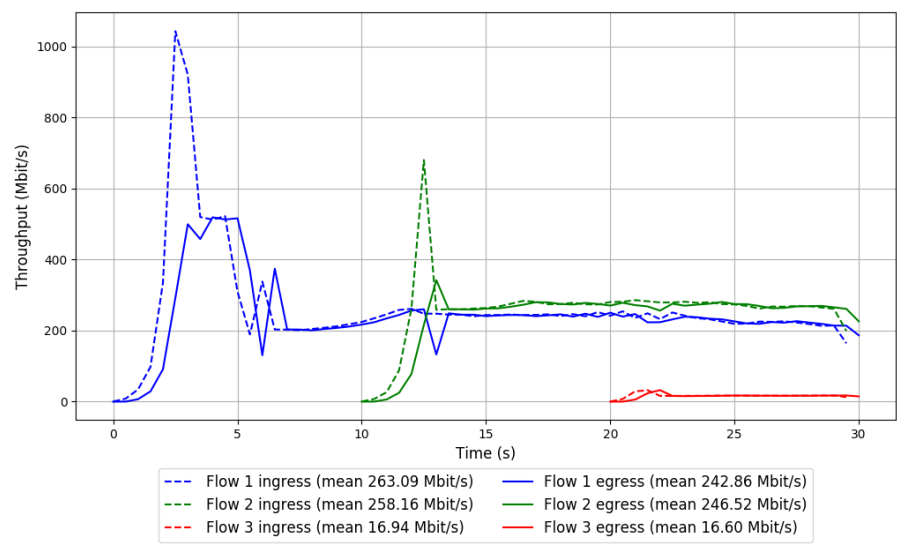
-- Flow 3:

Average throughput: 16.60 Mbit/s

95th percentile per-packet one-way delay: 54.393 ms

Loss rate: 2.04%

Run 2: Report of PCC-Allegro — Data Link

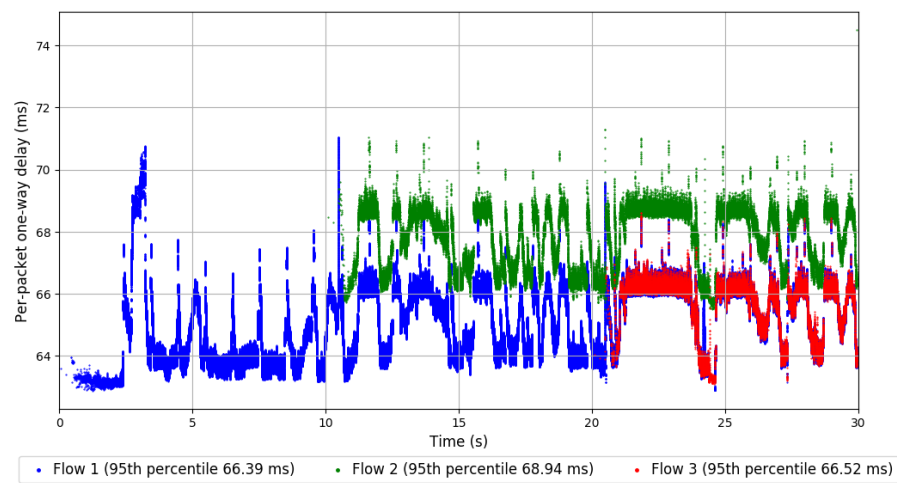
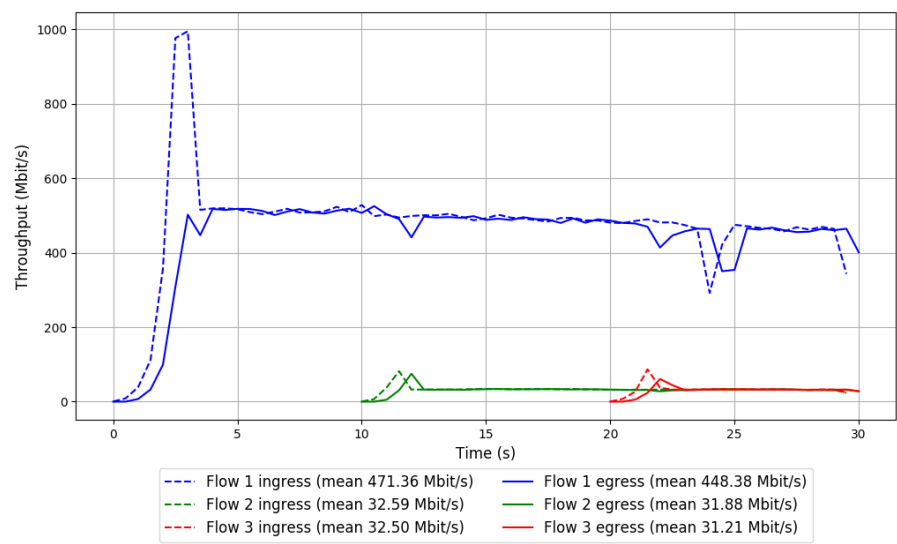


Run 3: Statistics of PCC-Allegro

Start at: 2018-07-24 16:06:08
End at: 2018-07-24 16:06:38
Local clock offset: -1.333 ms
Remote clock offset: -30.865 ms

Below is generated by plot.py at 2018-07-24 21:49:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 479.73 Mbit/s
95th percentile per-packet one-way delay: 67.310 ms
Loss rate: 4.74%
-- Flow 1:
Average throughput: 448.38 Mbit/s
95th percentile per-packet one-way delay: 66.395 ms
Loss rate: 4.87%
-- Flow 2:
Average throughput: 31.88 Mbit/s
95th percentile per-packet one-way delay: 68.945 ms
Loss rate: 2.16%
-- Flow 3:
Average throughput: 31.21 Mbit/s
95th percentile per-packet one-way delay: 66.520 ms
Loss rate: 3.96%

Run 3: Report of PCC-Allegro — Data Link

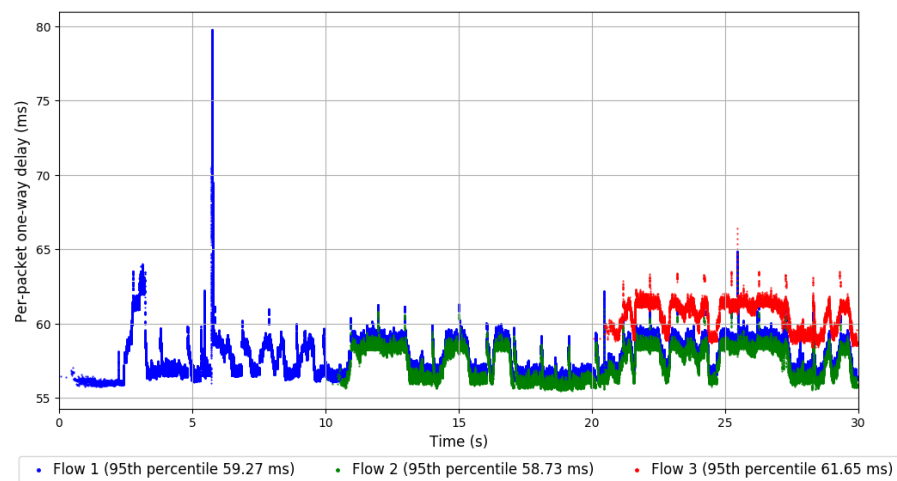
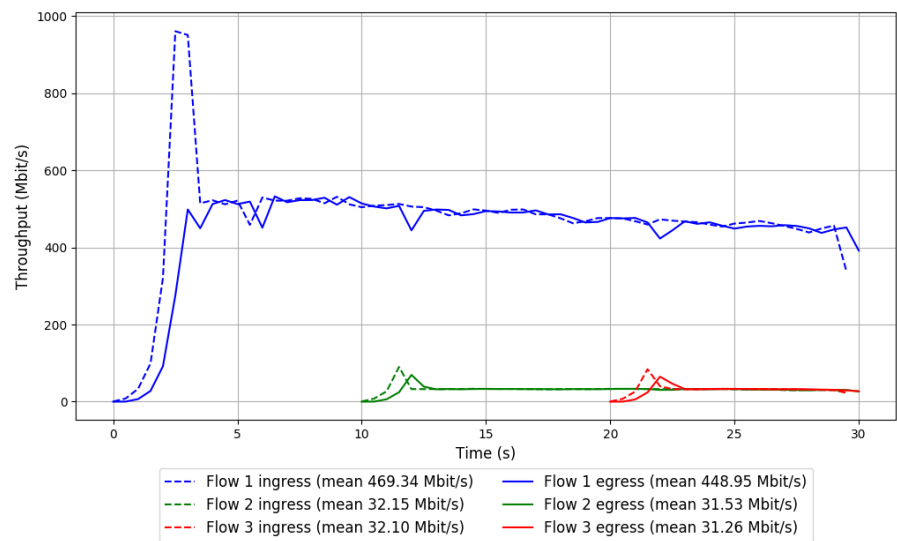


Run 4: Statistics of PCC-Allegro

Start at: 2018-07-24 16:36:49
End at: 2018-07-24 16:37:19
Local clock offset: -0.411 ms
Remote clock offset: -39.766 ms

Below is generated by plot.py at 2018-07-24 21:49:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 480.21 Mbit/s
95th percentile per-packet one-way delay: 59.426 ms
Loss rate: 4.20%
-- Flow 1:
Average throughput: 448.95 Mbit/s
95th percentile per-packet one-way delay: 59.274 ms
Loss rate: 4.34%
-- Flow 2:
Average throughput: 31.53 Mbit/s
95th percentile per-packet one-way delay: 58.728 ms
Loss rate: 1.90%
-- Flow 3:
Average throughput: 31.26 Mbit/s
95th percentile per-packet one-way delay: 61.649 ms
Loss rate: 2.63%

Run 4: Report of PCC-Allegro — Data Link

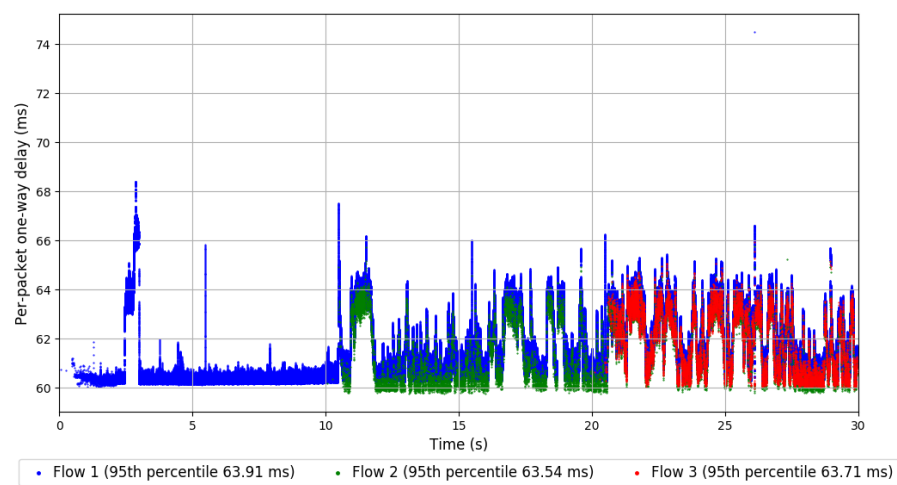
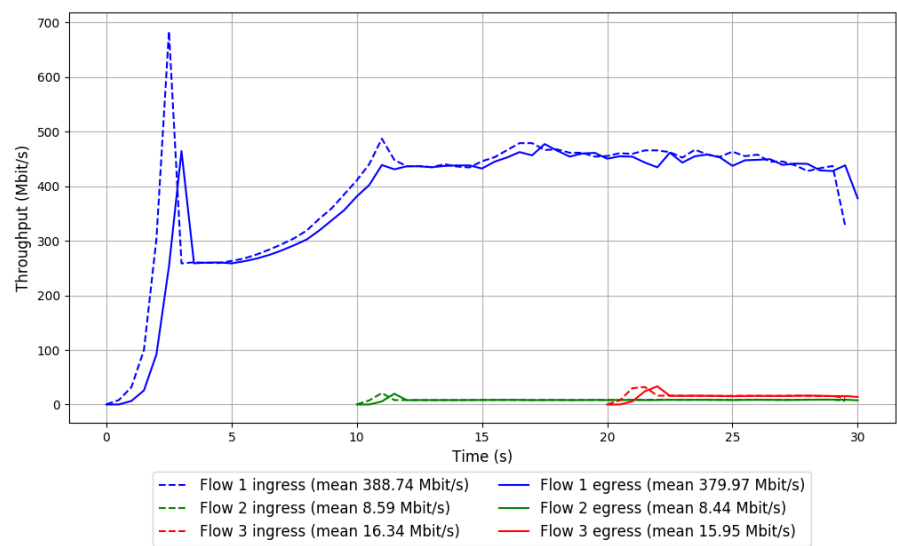


Run 5: Statistics of PCC-Allegro

Start at: 2018-07-24 17:16:32
End at: 2018-07-24 17:17:02
Local clock offset: -1.684 ms
Remote clock offset: -41.585 ms

Below is generated by plot.py at 2018-07-24 21:49:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 390.84 Mbit/s
95th percentile per-packet one-way delay: 63.909 ms
Loss rate: 2.26%
-- Flow 1:
Average throughput: 379.97 Mbit/s
95th percentile per-packet one-way delay: 63.915 ms
Loss rate: 2.26%
-- Flow 2:
Average throughput: 8.44 Mbit/s
95th percentile per-packet one-way delay: 63.540 ms
Loss rate: 1.72%
-- Flow 3:
Average throughput: 15.95 Mbit/s
95th percentile per-packet one-way delay: 63.713 ms
Loss rate: 2.43%

Run 5: Report of PCC-Allegro — Data Link

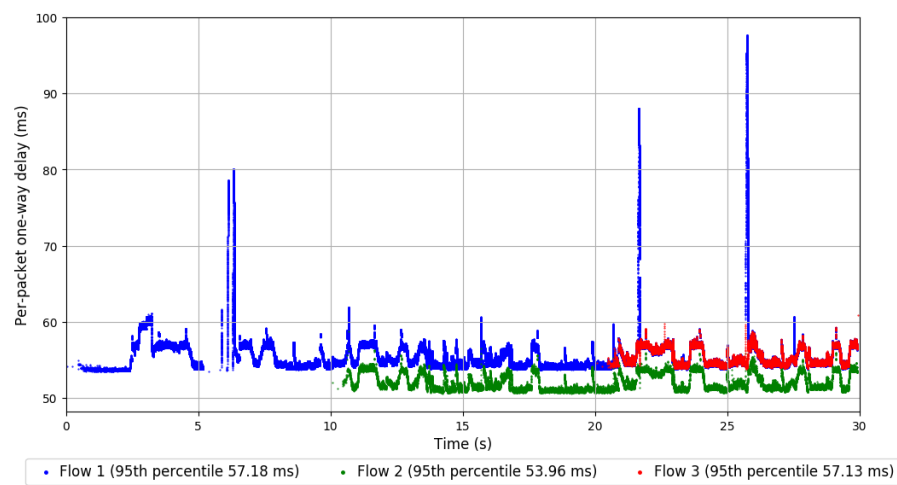
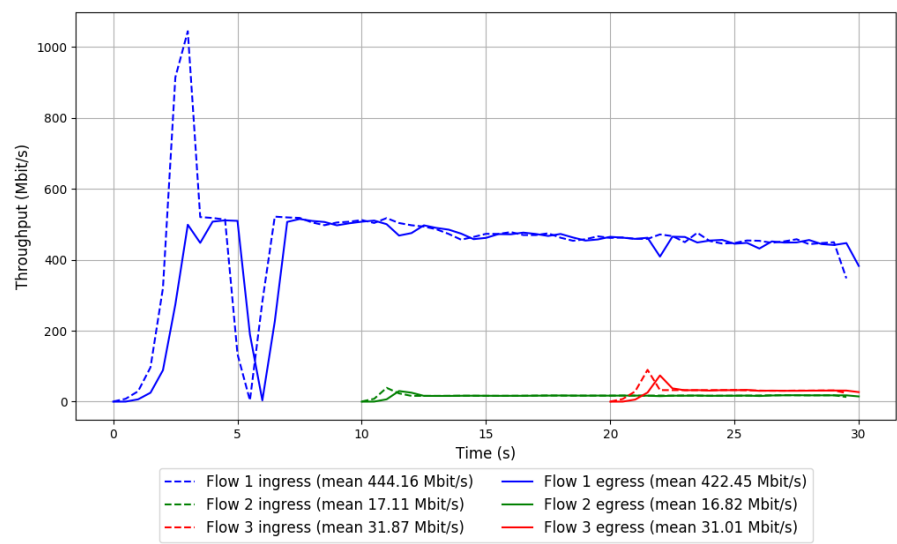


Run 6: Statistics of PCC-Allegro

Start at: 2018-07-24 17:46:37
End at: 2018-07-24 17:47:07
Local clock offset: -1.057 ms
Remote clock offset: -48.04 ms

Below is generated by plot.py at 2018-07-24 21:49:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 443.79 Mbit/s
95th percentile per-packet one-way delay: 57.159 ms
Loss rate: 4.76%
-- Flow 1:
Average throughput: 422.45 Mbit/s
95th percentile per-packet one-way delay: 57.176 ms
Loss rate: 4.89%
-- Flow 2:
Average throughput: 16.82 Mbit/s
95th percentile per-packet one-way delay: 53.964 ms
Loss rate: 1.70%
-- Flow 3:
Average throughput: 31.01 Mbit/s
95th percentile per-packet one-way delay: 57.126 ms
Loss rate: 2.66%

Run 6: Report of PCC-Allegro — Data Link

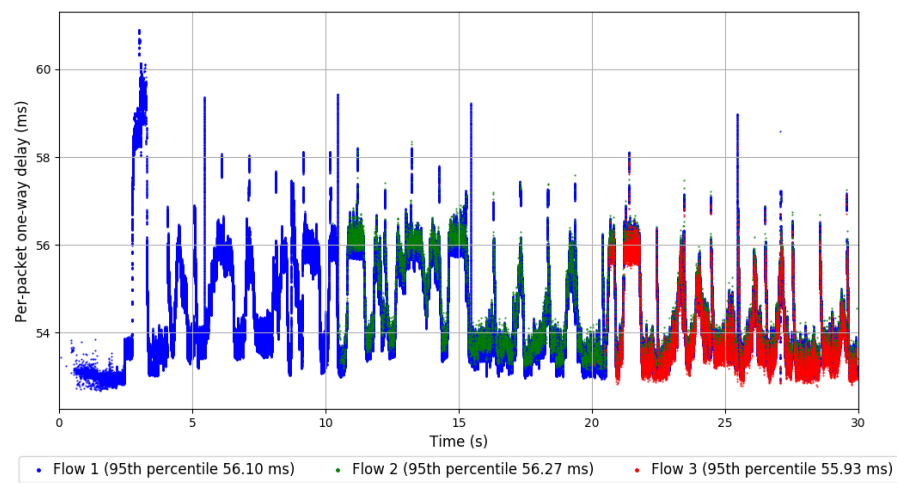
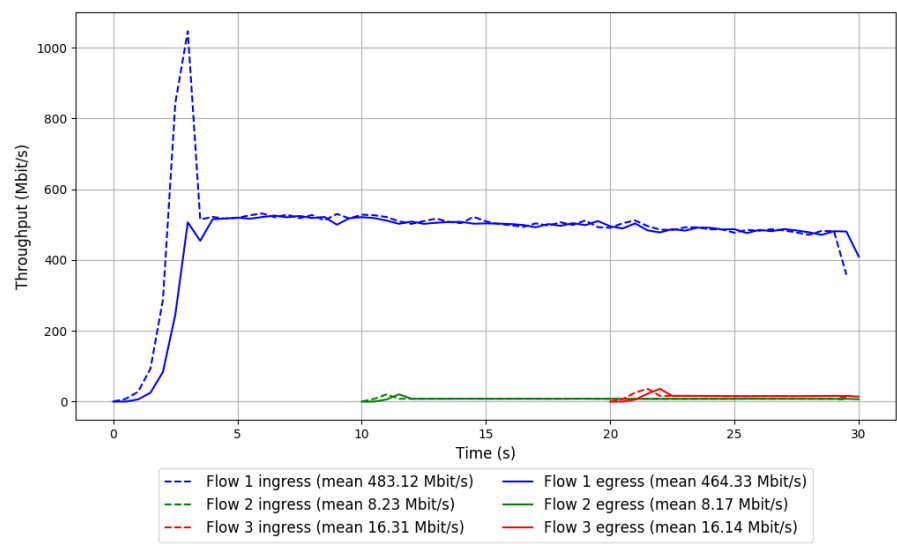


Run 7: Statistics of PCC-Allegro

Start at: 2018-07-24 18:38:59
End at: 2018-07-24 18:39:29
Local clock offset: 0.912 ms
Remote clock offset: -43.008 ms

Below is generated by plot.py at 2018-07-24 21:49:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 475.06 Mbit/s
95th percentile per-packet one-way delay: 56.101 ms
Loss rate: 3.82%
-- Flow 1:
Average throughput: 464.33 Mbit/s
95th percentile per-packet one-way delay: 56.099 ms
Loss rate: 3.89%
-- Flow 2:
Average throughput: 8.17 Mbit/s
95th percentile per-packet one-way delay: 56.266 ms
Loss rate: 0.77%
-- Flow 3:
Average throughput: 16.14 Mbit/s
95th percentile per-packet one-way delay: 55.927 ms
Loss rate: 1.05%

Run 7: Report of PCC-Allegro — Data Link

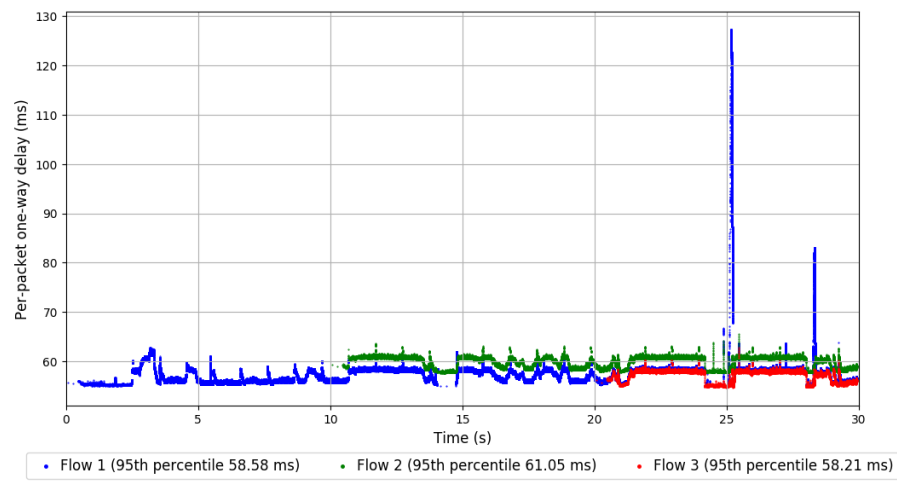
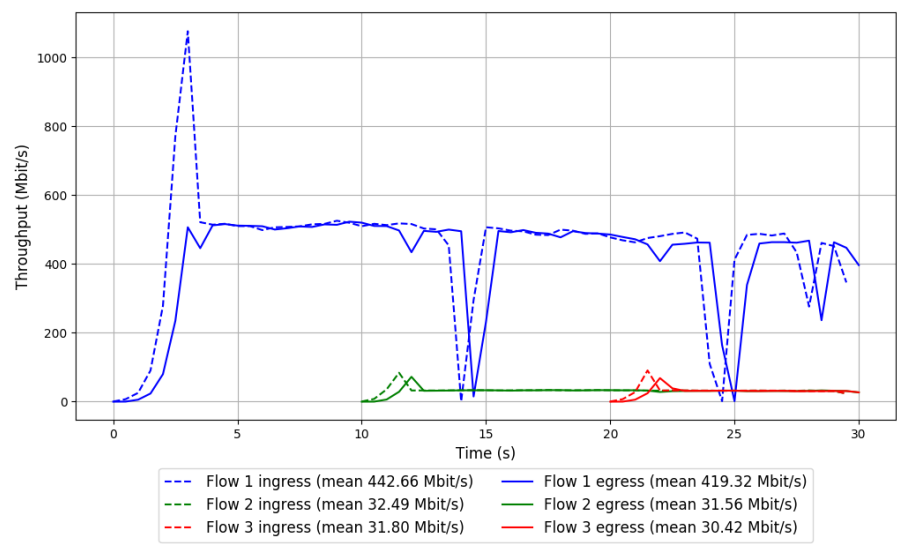


Run 8: Statistics of PCC-Allegro

Start at: 2018-07-24 19:29:59
End at: 2018-07-24 19:30:29
Local clock offset: -0.878 ms
Remote clock offset: -36.481 ms

Below is generated by plot.py at 2018-07-24 21:49:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 450.34 Mbit/s
95th percentile per-packet one-way delay: 60.199 ms
Loss rate: 5.14%
-- Flow 1:
Average throughput: 419.32 Mbit/s
95th percentile per-packet one-way delay: 58.576 ms
Loss rate: 5.27%
-- Flow 2:
Average throughput: 31.56 Mbit/s
95th percentile per-packet one-way delay: 61.055 ms
Loss rate: 2.88%
-- Flow 3:
Average throughput: 30.42 Mbit/s
95th percentile per-packet one-way delay: 58.208 ms
Loss rate: 4.33%

Run 8: Report of PCC-Allegro — Data Link



Run 9: Statistics of PCC-Allegro

Start at: 2018-07-24 20:17:34

End at: 2018-07-24 20:18:04

Local clock offset: 0.577 ms

Remote clock offset: -31.772 ms

Below is generated by plot.py at 2018-07-24 21:53:08

Datalink statistics

-- Total of 3 flows:

Average throughput: 436.35 Mbit/s

95th percentile per-packet one-way delay: 58.823 ms

Loss rate: 4.67%

-- Flow 1:

Average throughput: 403.59 Mbit/s

95th percentile per-packet one-way delay: 58.749 ms

Loss rate: 4.89%

-- Flow 2:

Average throughput: 33.69 Mbit/s

95th percentile per-packet one-way delay: 58.842 ms

Loss rate: 1.52%

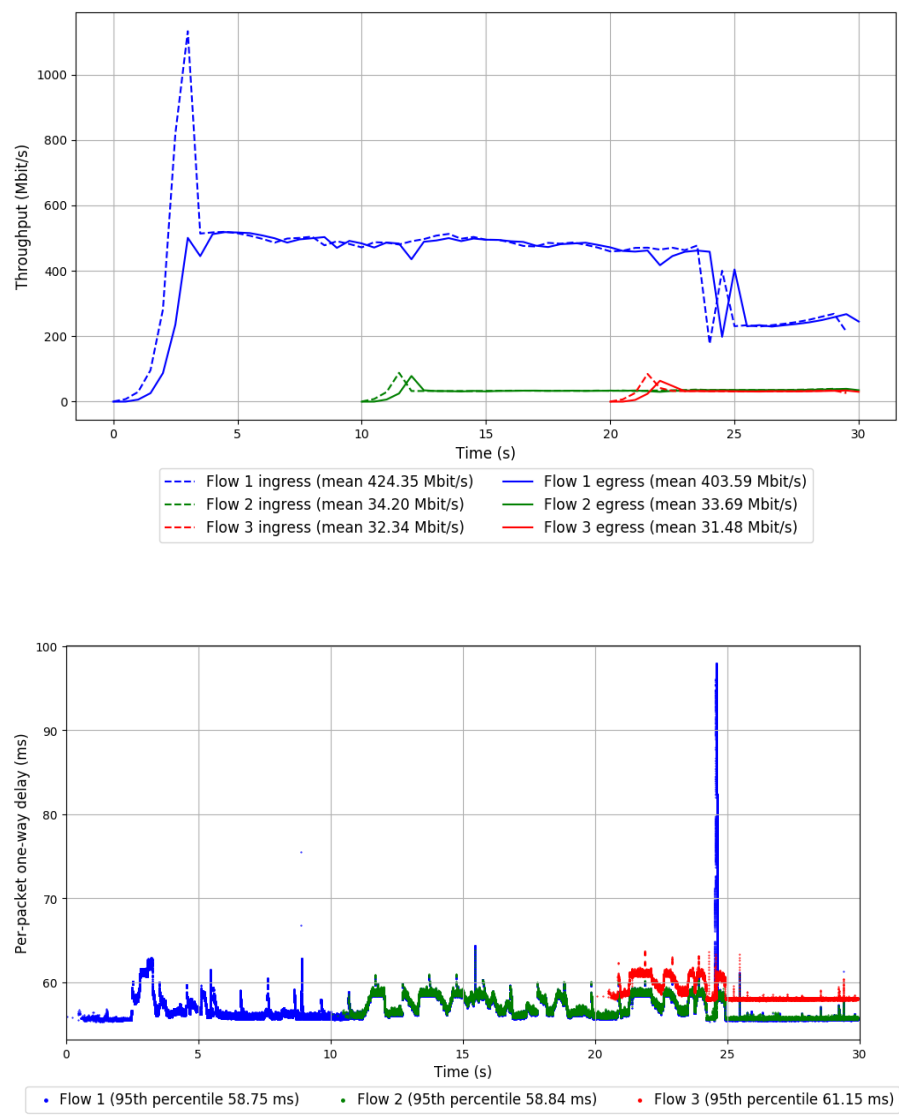
-- Flow 3:

Average throughput: 31.48 Mbit/s

95th percentile per-packet one-way delay: 61.148 ms

Loss rate: 2.67%

Run 9: Report of PCC-Allegro — Data Link



Run 10: Statistics of PCC-Allegro

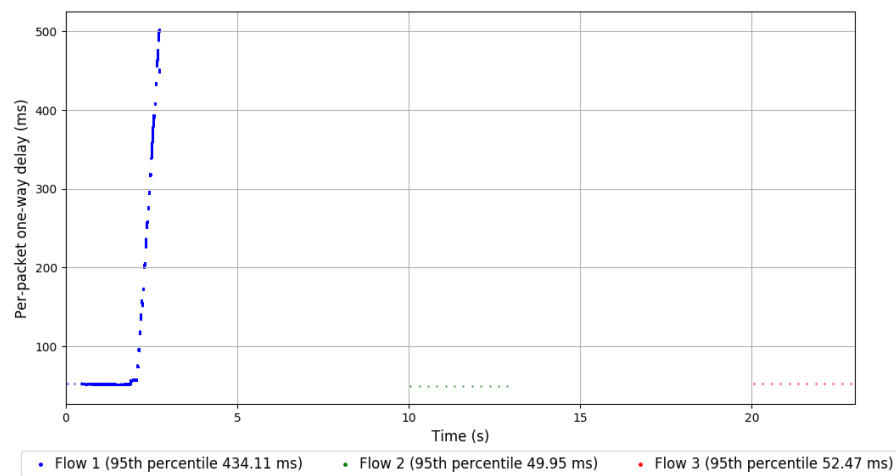
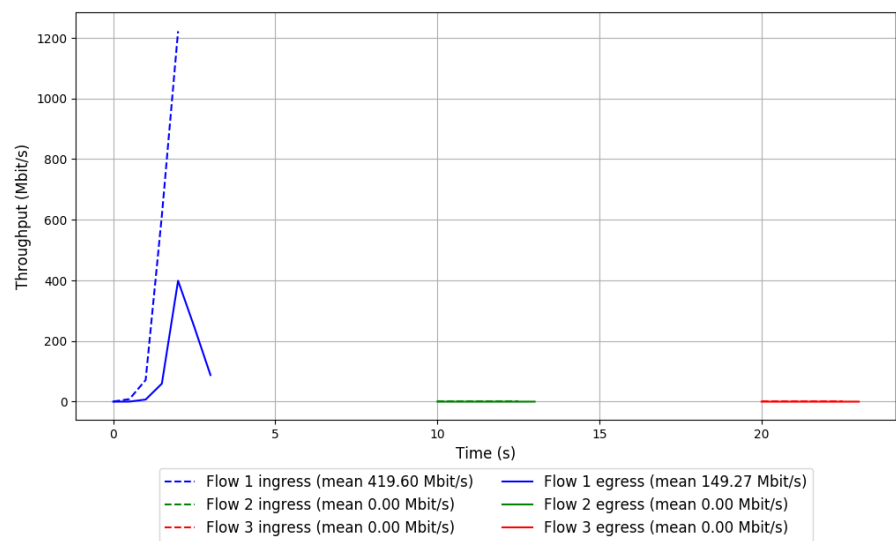
Start at: 2018-07-24 21:04:54

End at: 2018-07-24 21:05:24

Local clock offset: 1.745 ms

Remote clock offset: -35.482 ms

Run 10: Report of PCC-Allegro — Data Link

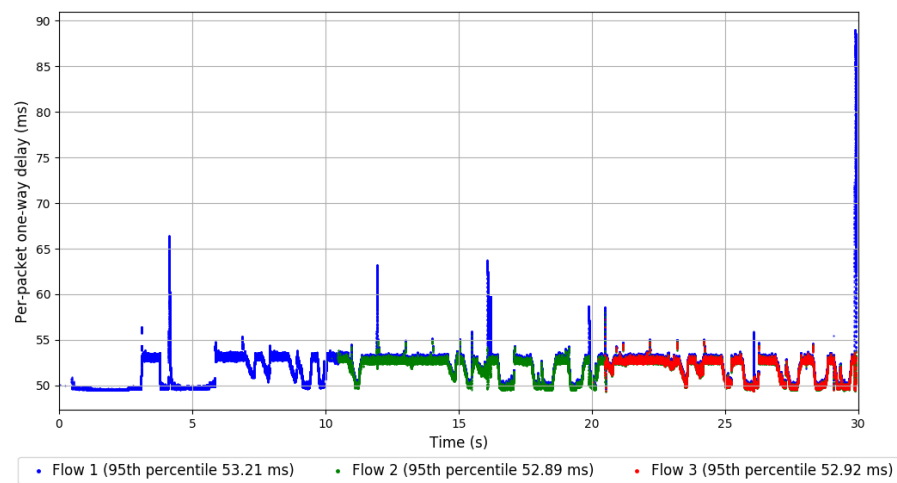
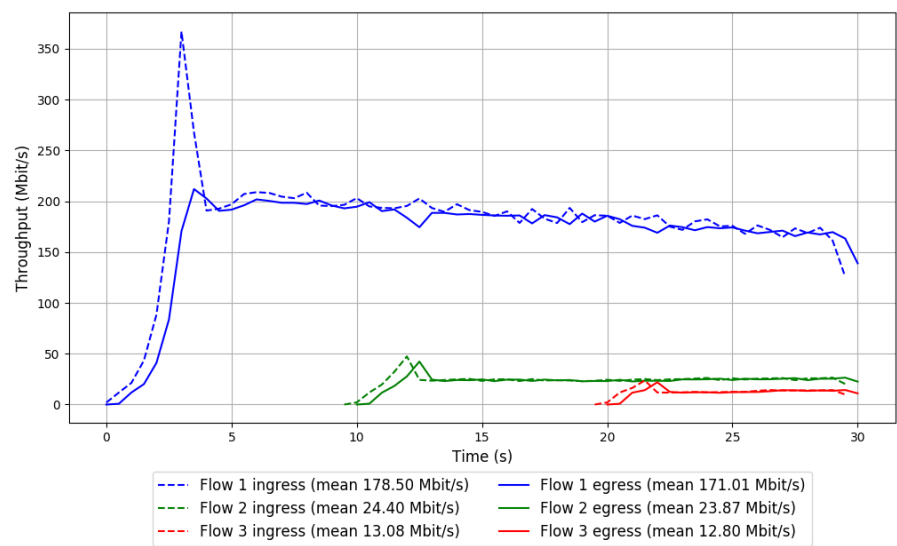


```
Run 1: Statistics of PCC-Expr

Start at: 2018-07-24 14:34:04
End at: 2018-07-24 14:34:34
Local clock offset: 1.604 ms
Remote clock offset: -37.938 ms

# Below is generated by plot.py at 2018-07-24 21:53:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 191.12 Mbit/s
95th percentile per-packet one-way delay: 53.194 ms
Loss rate: 3.98%
-- Flow 1:
Average throughput: 171.01 Mbit/s
95th percentile per-packet one-way delay: 53.208 ms
Loss rate: 4.19%
-- Flow 2:
Average throughput: 23.87 Mbit/s
95th percentile per-packet one-way delay: 52.894 ms
Loss rate: 2.19%
-- Flow 3:
Average throughput: 12.80 Mbit/s
95th percentile per-packet one-way delay: 52.921 ms
Loss rate: 2.19%
```


Run 1: Report of PCC-Expr — Data Link

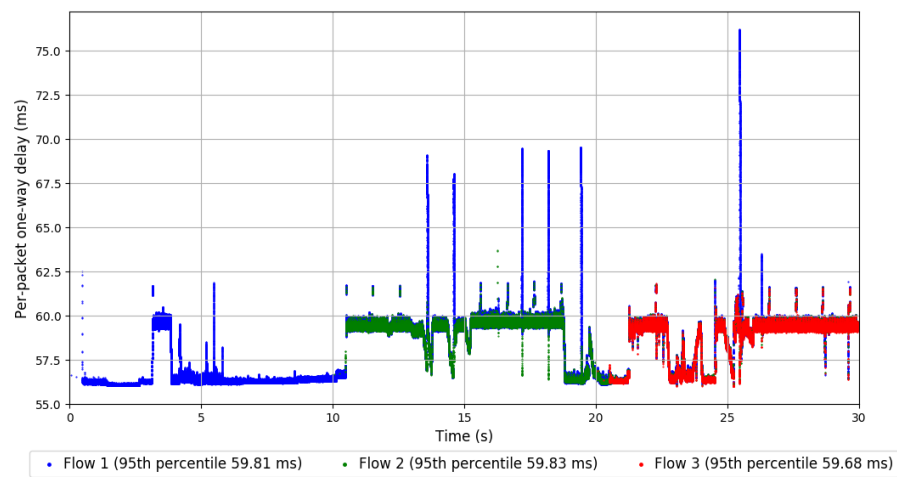
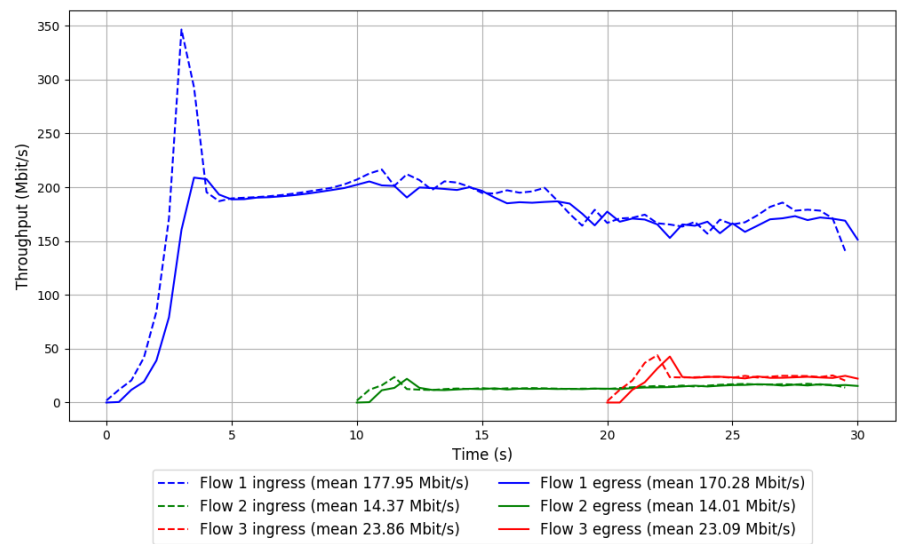


Run 2: Statistics of PCC-Expr

Start at: 2018-07-24 15:04:06
End at: 2018-07-24 15:04:36
Local clock offset: 1.187 ms
Remote clock offset: -34.845 ms

Below is generated by plot.py at 2018-07-24 21:53:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 187.23 Mbit/s
95th percentile per-packet one-way delay: 59.806 ms
Loss rate: 4.18%
-- Flow 1:
Average throughput: 170.28 Mbit/s
95th percentile per-packet one-way delay: 59.808 ms
Loss rate: 4.31%
-- Flow 2:
Average throughput: 14.01 Mbit/s
95th percentile per-packet one-way delay: 59.827 ms
Loss rate: 2.49%
-- Flow 3:
Average throughput: 23.09 Mbit/s
95th percentile per-packet one-way delay: 59.677 ms
Loss rate: 3.23%

Run 2: Report of PCC-Expr — Data Link

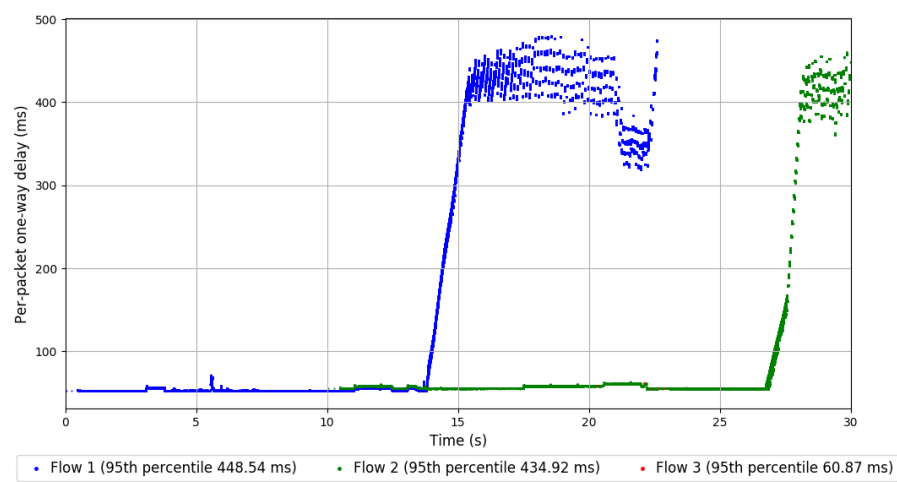
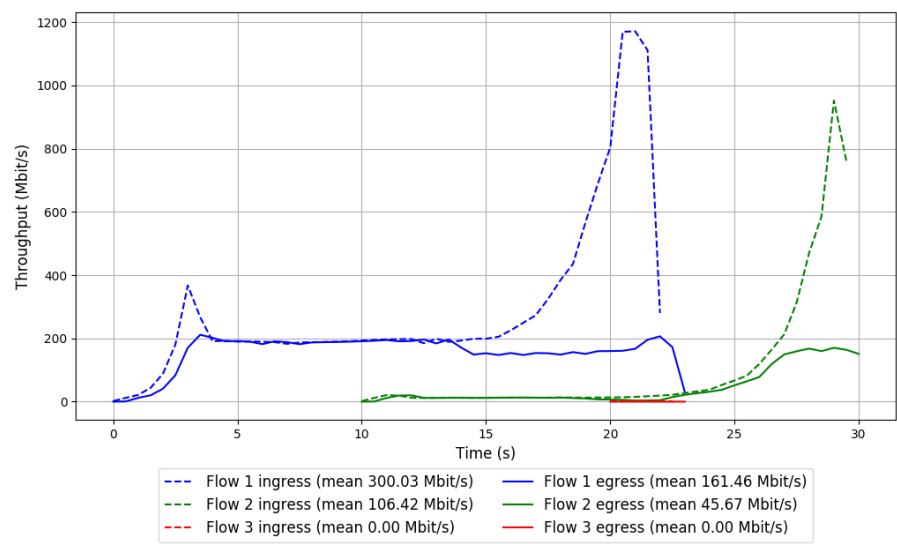


Run 3: Statistics of PCC-Expr

Start at: 2018-07-24 15:39:40
End at: 2018-07-24 15:40:10
Local clock offset: 0.11 ms
Remote clock offset: -38.322 ms

Below is generated by plot.py at 2018-07-24 21:53:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 152.14 Mbit/s
95th percentile per-packet one-way delay: 444.371 ms
Loss rate: 48.04%
-- Flow 1:
Average throughput: 161.46 Mbit/s
95th percentile per-packet one-way delay: 448.536 ms
Loss rate: 45.17%
-- Flow 2:
Average throughput: 45.67 Mbit/s
95th percentile per-packet one-way delay: 434.917 ms
Loss rate: 57.05%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 60.874 ms
Loss rate: 58.33%

Run 3: Report of PCC-Expr — Data Link

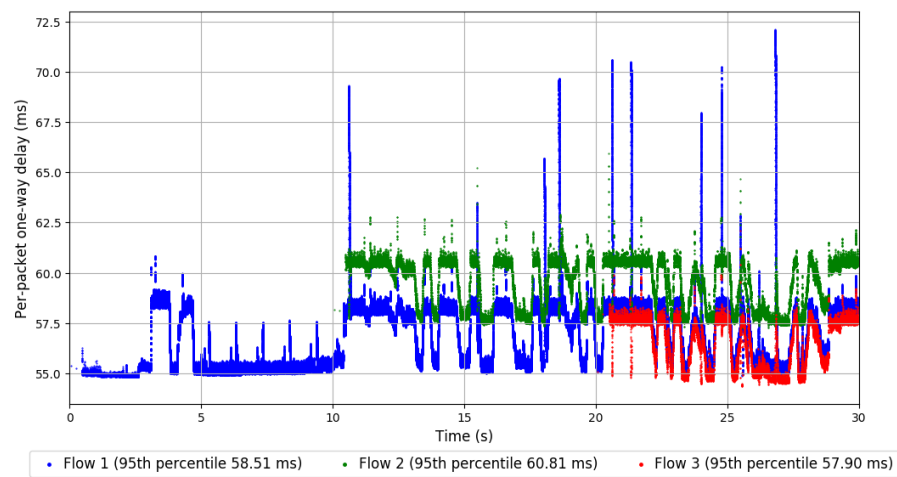
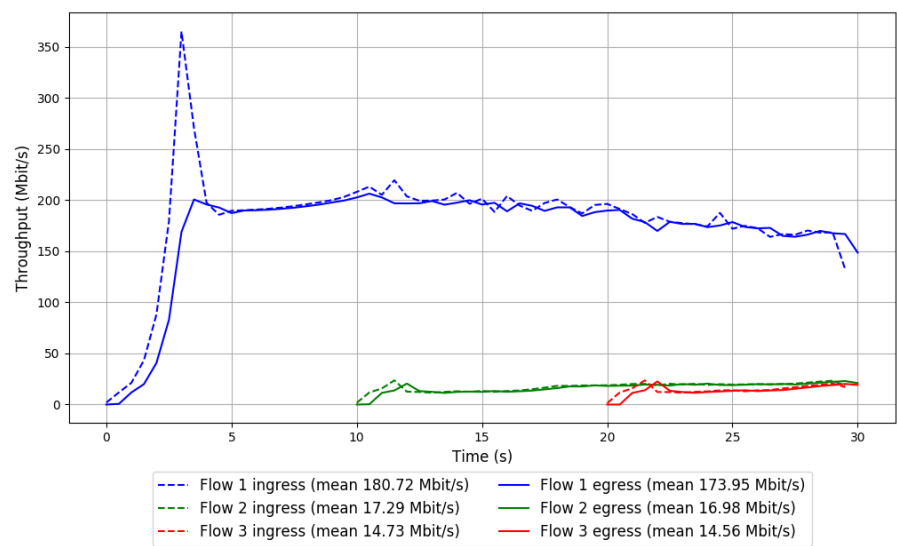


Run 4: Statistics of PCC-Expr

Start at: 2018-07-24 16:15:03
End at: 2018-07-24 16:15:33
Local clock offset: -1.107 ms
Remote clock offset: -40.053 ms

Below is generated by plot.py at 2018-07-24 21:53:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 190.05 Mbit/s
95th percentile per-packet one-way delay: 59.331 ms
Loss rate: 3.56%
-- Flow 1:
Average throughput: 173.95 Mbit/s
95th percentile per-packet one-way delay: 58.506 ms
Loss rate: 3.74%
-- Flow 2:
Average throughput: 16.98 Mbit/s
95th percentile per-packet one-way delay: 60.810 ms
Loss rate: 1.80%
-- Flow 3:
Average throughput: 14.56 Mbit/s
95th percentile per-packet one-way delay: 57.900 ms
Loss rate: 1.17%

Run 4: Report of PCC-Expr — Data Link

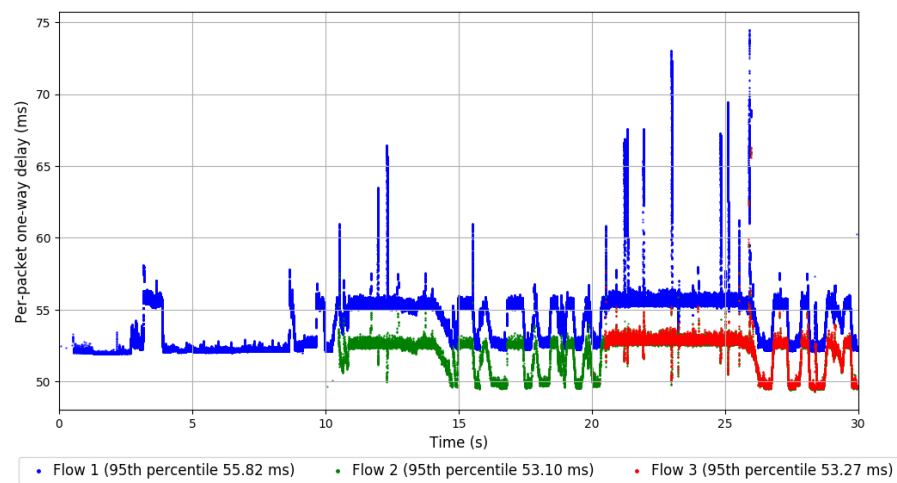
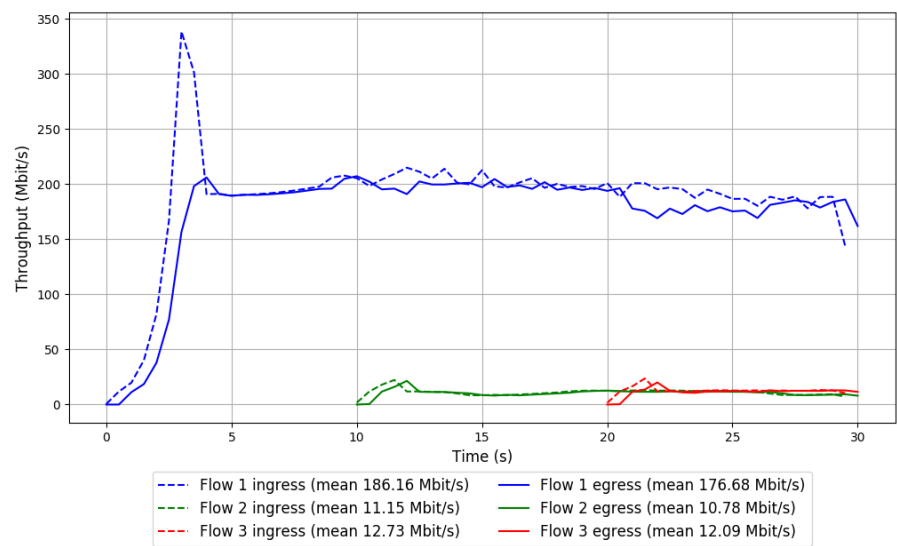


Run 5: Statistics of PCC-Expr

Start at: 2018-07-24 16:55:17
End at: 2018-07-24 16:55:47
Local clock offset: 0.252 ms
Remote clock offset: -46.788 ms

Below is generated by plot.py at 2018-07-24 21:53:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 187.84 Mbit/s
95th percentile per-packet one-way delay: 55.802 ms
Loss rate: 5.01%
-- Flow 1:
Average throughput: 176.68 Mbit/s
95th percentile per-packet one-way delay: 55.816 ms
Loss rate: 5.08%
-- Flow 2:
Average throughput: 10.78 Mbit/s
95th percentile per-packet one-way delay: 53.099 ms
Loss rate: 3.40%
-- Flow 3:
Average throughput: 12.09 Mbit/s
95th percentile per-packet one-way delay: 53.265 ms
Loss rate: 5.04%

Run 5: Report of PCC-Expr — Data Link

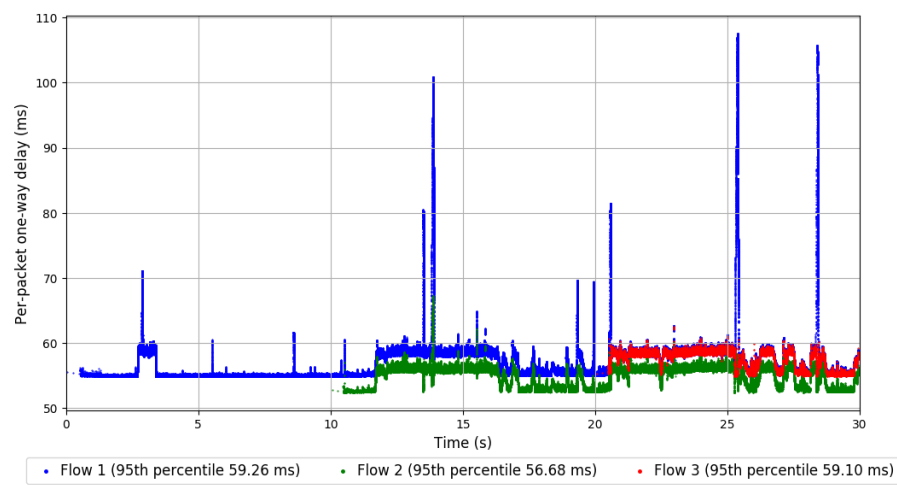
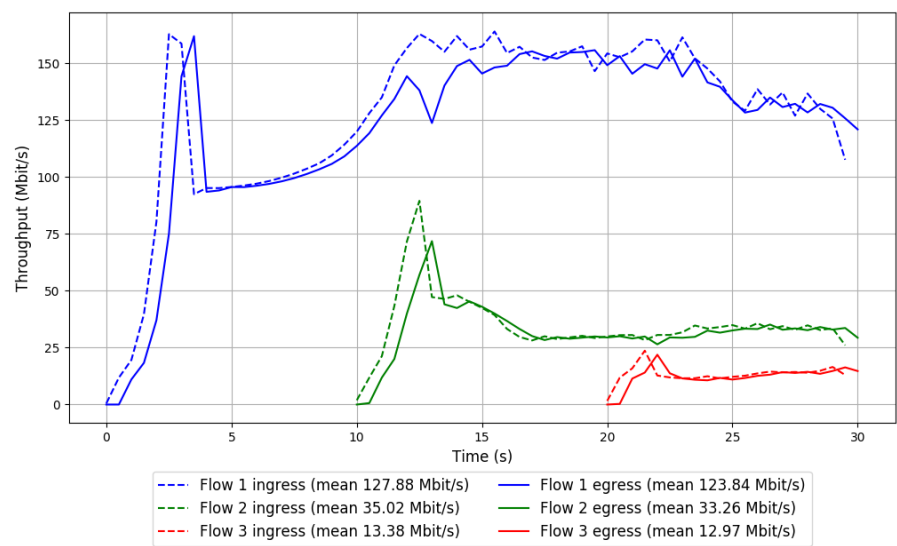


Run 6: Statistics of PCC-Expr

Start at: 2018-07-24 17:30:56
End at: 2018-07-24 17:31:26
Local clock offset: 0.256 ms
Remote clock offset: -45.252 ms

Below is generated by plot.py at 2018-07-24 21:53:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 150.25 Mbit/s
95th percentile per-packet one-way delay: 59.189 ms
Loss rate: 3.43%
-- Flow 1:
Average throughput: 123.84 Mbit/s
95th percentile per-packet one-way delay: 59.263 ms
Loss rate: 3.15%
-- Flow 2:
Average throughput: 33.26 Mbit/s
95th percentile per-packet one-way delay: 56.678 ms
Loss rate: 5.00%
-- Flow 3:
Average throughput: 12.97 Mbit/s
95th percentile per-packet one-way delay: 59.104 ms
Loss rate: 3.06%

Run 6: Report of PCC-Expr — Data Link

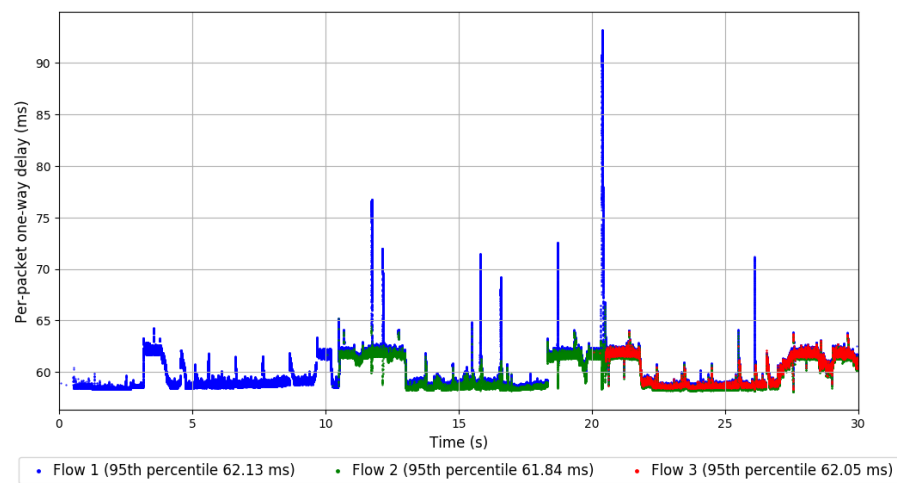
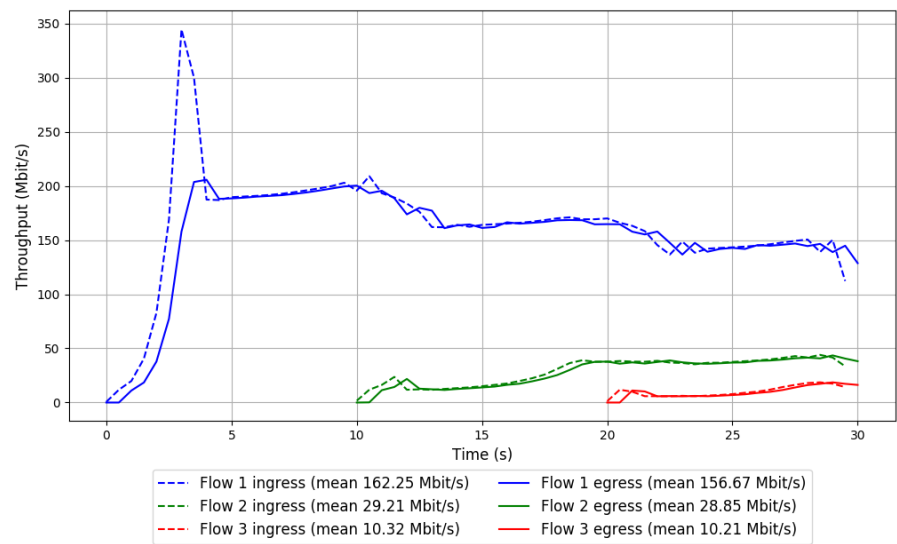


Run 7: Statistics of PCC-Expr

Start at: 2018-07-24 18:06:42
End at: 2018-07-24 18:07:12
Local clock offset: -1.739 ms
Remote clock offset: -41.601 ms

Below is generated by plot.py at 2018-07-24 21:53:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 179.23 Mbit/s
95th percentile per-packet one-way delay: 62.111 ms
Loss rate: 3.15%
-- Flow 1:
Average throughput: 156.67 Mbit/s
95th percentile per-packet one-way delay: 62.130 ms
Loss rate: 3.43%
-- Flow 2:
Average throughput: 28.85 Mbit/s
95th percentile per-packet one-way delay: 61.839 ms
Loss rate: 1.25%
-- Flow 3:
Average throughput: 10.21 Mbit/s
95th percentile per-packet one-way delay: 62.049 ms
Loss rate: 1.07%

Run 7: Report of PCC-Expr — Data Link

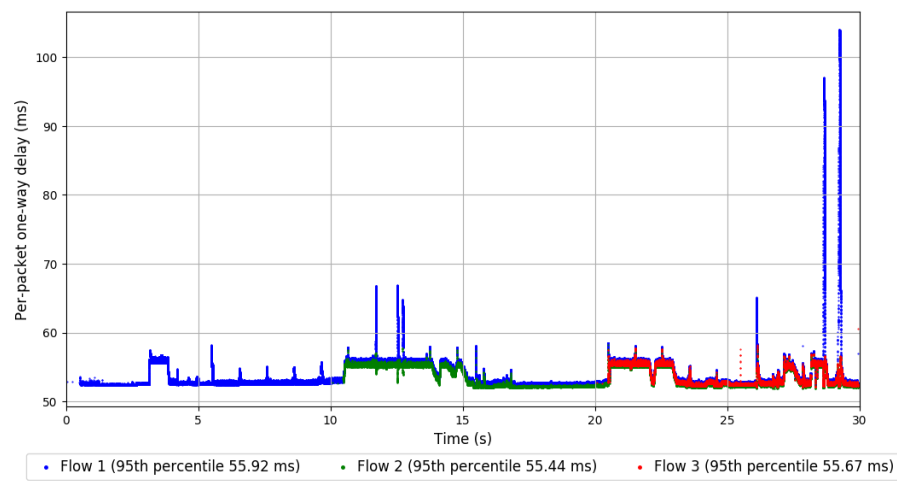
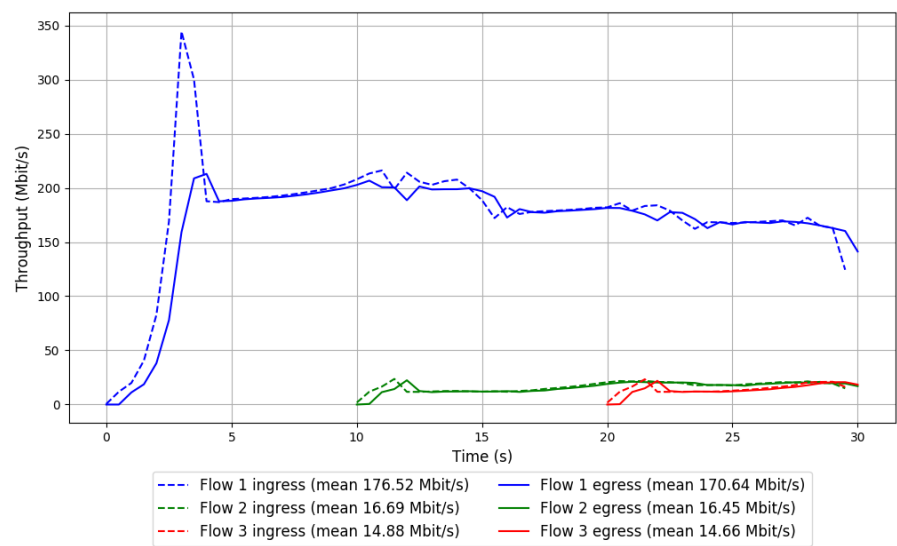


Run 8: Statistics of PCC-Expr

Start at: 2018-07-24 18:58:57
End at: 2018-07-24 18:59:27
Local clock offset: 0.963 ms
Remote clock offset: -41.895 ms

Below is generated by plot.py at 2018-07-24 21:56:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 186.40 Mbit/s
95th percentile per-packet one-way delay: 55.902 ms
Loss rate: 3.16%
-- Flow 1:
Average throughput: 170.64 Mbit/s
95th percentile per-packet one-way delay: 55.917 ms
Loss rate: 3.32%
-- Flow 2:
Average throughput: 16.45 Mbit/s
95th percentile per-packet one-way delay: 55.441 ms
Loss rate: 1.43%
-- Flow 3:
Average throughput: 14.66 Mbit/s
95th percentile per-packet one-way delay: 55.669 ms
Loss rate: 1.45%

Run 8: Report of PCC-Expr — Data Link

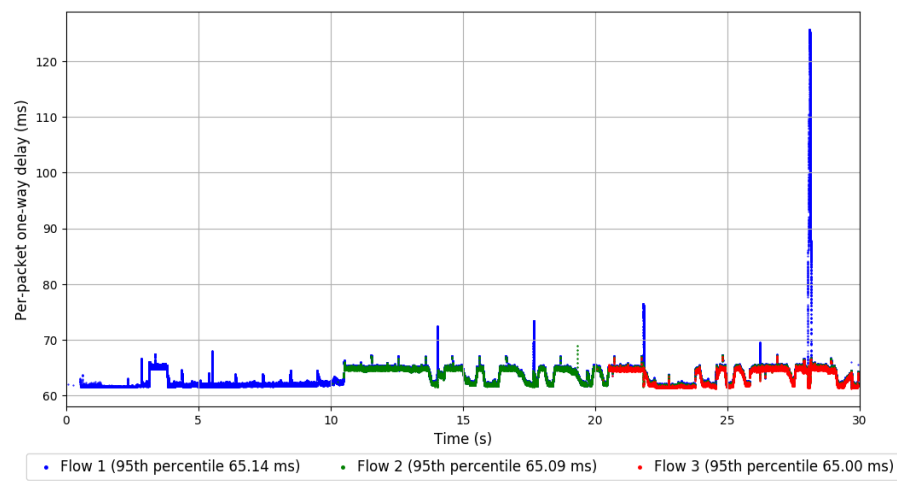
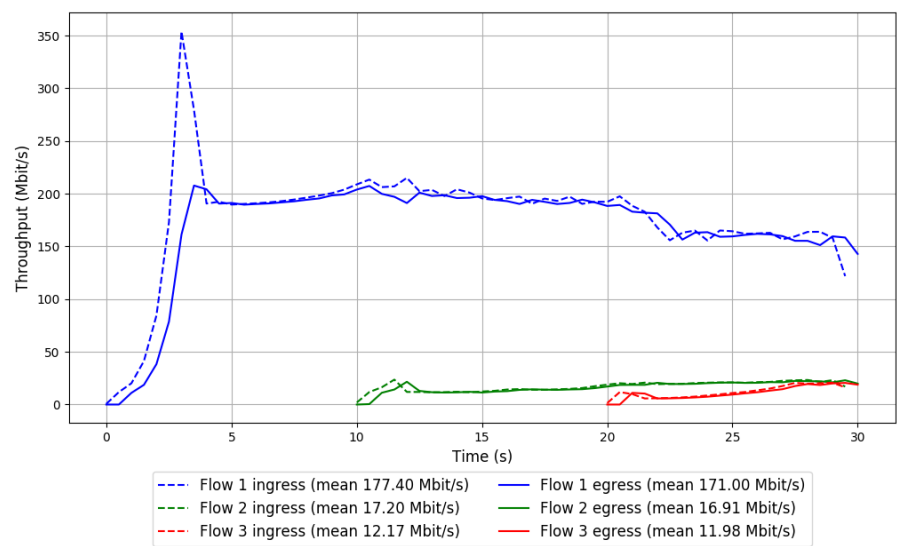


Run 9: Statistics of PCC-Expr

Start at: 2018-07-24 19:44:40
End at: 2018-07-24 19:45:10
Local clock offset: 1.117 ms
Remote clock offset: -26.497 ms

Below is generated by plot.py at 2018-07-24 21:56:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 186.21 Mbit/s
95th percentile per-packet one-way delay: 65.136 ms
Loss rate: 3.44%
-- Flow 1:
Average throughput: 171.00 Mbit/s
95th percentile per-packet one-way delay: 65.141 ms
Loss rate: 3.60%
-- Flow 2:
Average throughput: 16.91 Mbit/s
95th percentile per-packet one-way delay: 65.095 ms
Loss rate: 1.71%
-- Flow 3:
Average throughput: 11.98 Mbit/s
95th percentile per-packet one-way delay: 65.000 ms
Loss rate: 1.53%

Run 9: Report of PCC-Expr — Data Link

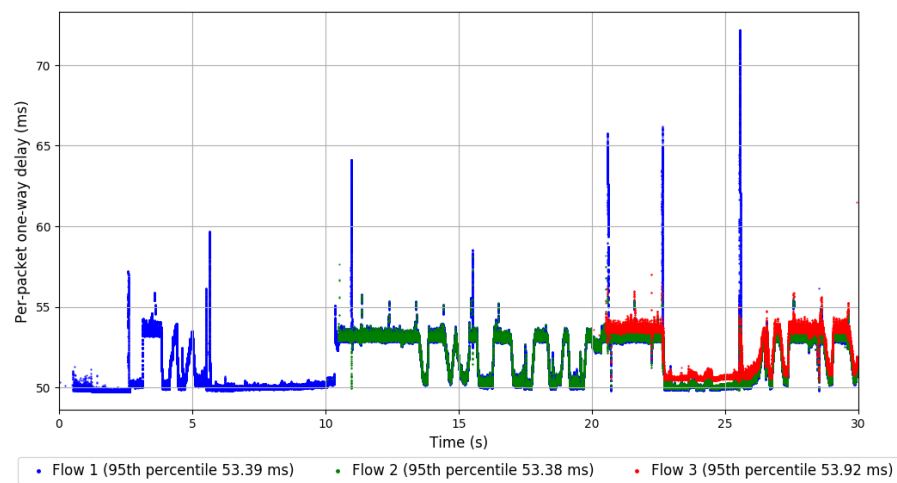
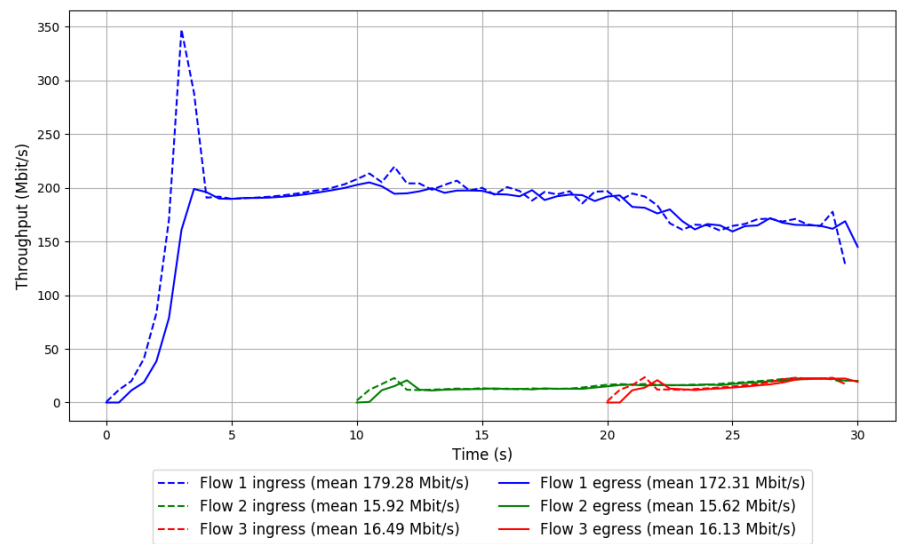


Run 10: Statistics of PCC-Expr

Start at: 2018-07-24 20:43:37
End at: 2018-07-24 20:44:07
Local clock offset: 1.24 ms
Remote clock offset: -35.703 ms

Below is generated by plot.py at 2018-07-24 21:57:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 187.96 Mbit/s
95th percentile per-packet one-way delay: 53.467 ms
Loss rate: 3.73%
-- Flow 1:
Average throughput: 172.31 Mbit/s
95th percentile per-packet one-way delay: 53.387 ms
Loss rate: 3.89%
-- Flow 2:
Average throughput: 15.62 Mbit/s
95th percentile per-packet one-way delay: 53.377 ms
Loss rate: 1.94%
-- Flow 3:
Average throughput: 16.13 Mbit/s
95th percentile per-packet one-way delay: 53.922 ms
Loss rate: 2.15%

Run 10: Report of PCC-Expr — Data Link

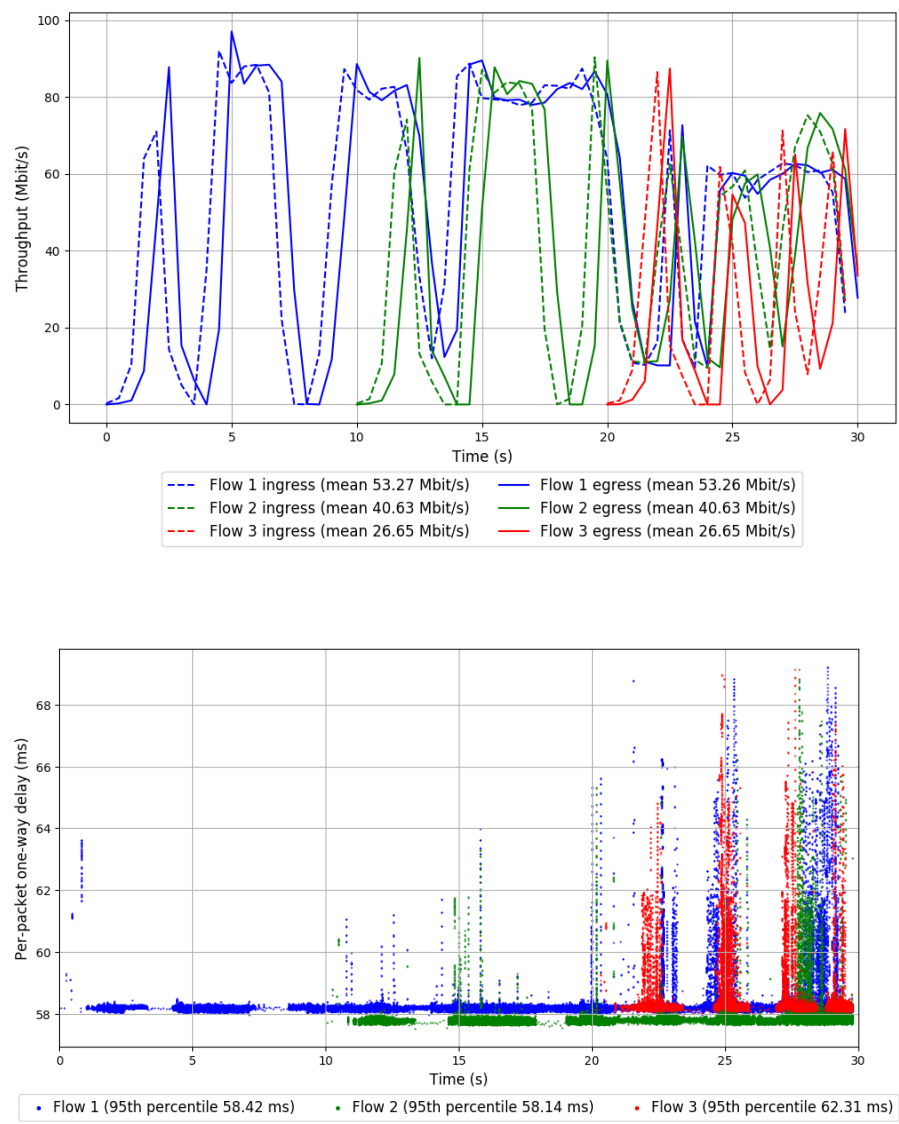


Run 1: Statistics of QUIC Cubic

Start at: 2018-07-24 14:52:43
End at: 2018-07-24 14:53:13
Local clock offset: -1.005 ms
Remote clock offset: -32.709 ms

Below is generated by plot.py at 2018-07-24 21:57:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.86 Mbit/s
95th percentile per-packet one-way delay: 59.094 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.26 Mbit/s
95th percentile per-packet one-way delay: 58.421 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 40.63 Mbit/s
95th percentile per-packet one-way delay: 58.142 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 26.65 Mbit/s
95th percentile per-packet one-way delay: 62.311 ms
Loss rate: 0.00%

Run 1: Report of QUIC Cubic — Data Link

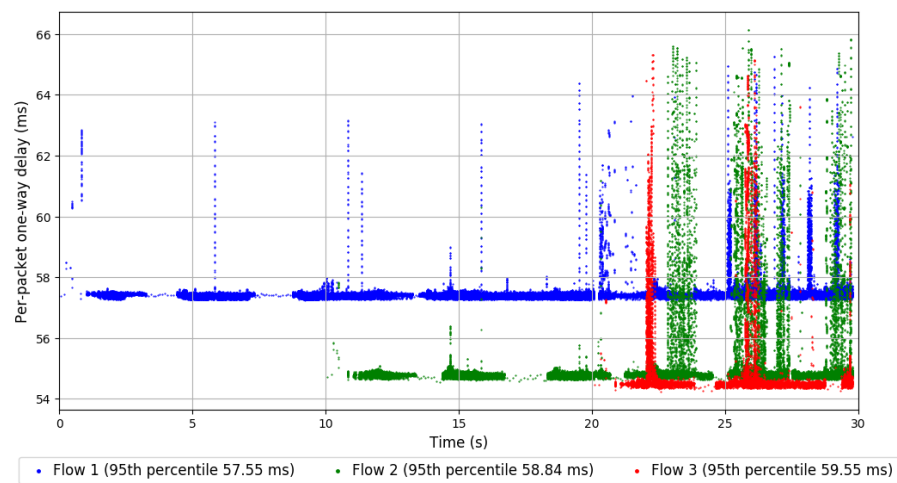
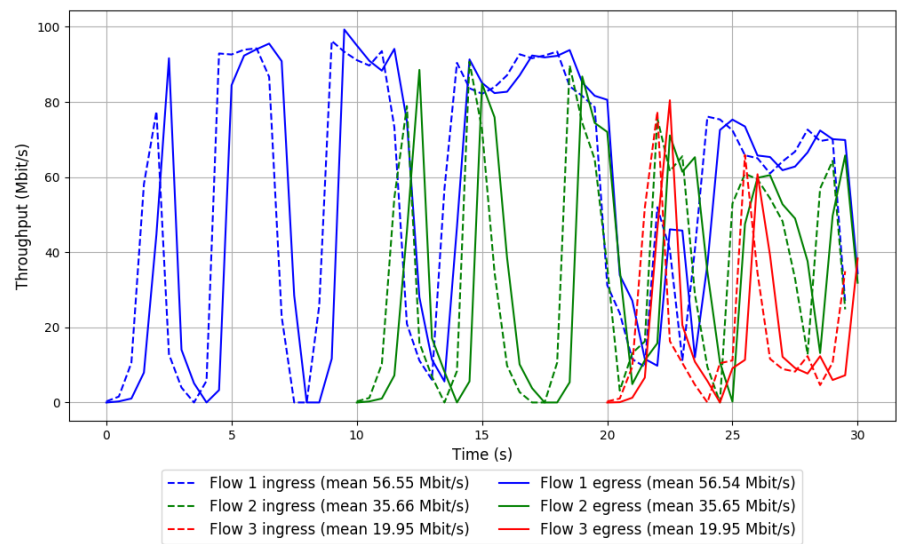


Run 2: Statistics of QUIC Cubic

Start at: 2018-07-24 15:22:40
End at: 2018-07-24 15:23:10
Local clock offset: 1.17 ms
Remote clock offset: -33.645 ms

Below is generated by plot.py at 2018-07-24 21:57:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.64 Mbit/s
95th percentile per-packet one-way delay: 57.614 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 56.54 Mbit/s
95th percentile per-packet one-way delay: 57.545 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 35.65 Mbit/s
95th percentile per-packet one-way delay: 58.840 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 19.95 Mbit/s
95th percentile per-packet one-way delay: 59.554 ms
Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link

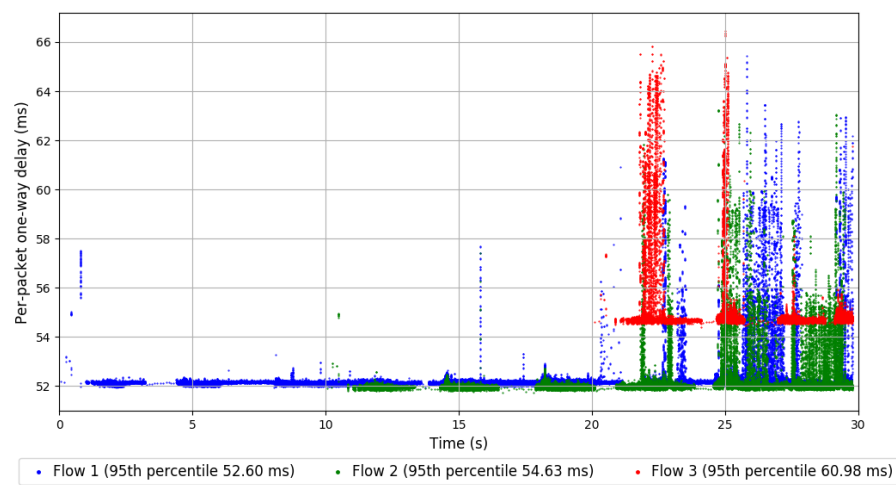
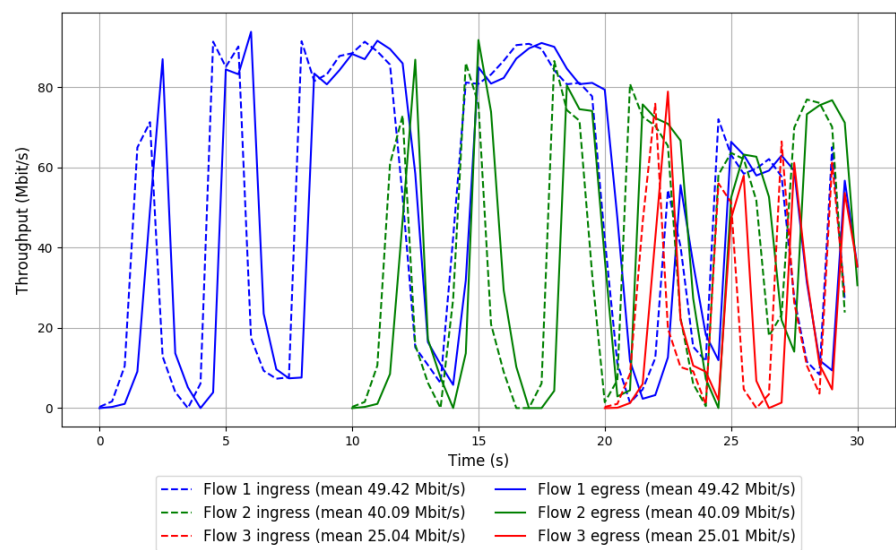


Run 3: Statistics of QUIC Cubic

Start at: 2018-07-24 15:58:23
End at: 2018-07-24 15:58:53
Local clock offset: 0.848 ms
Remote clock offset: -38.925 ms

Below is generated by plot.py at 2018-07-24 21:57:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.11 Mbit/s
95th percentile per-packet one-way delay: 54.913 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 49.42 Mbit/s
95th percentile per-packet one-way delay: 52.596 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 40.09 Mbit/s
95th percentile per-packet one-way delay: 54.635 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 25.01 Mbit/s
95th percentile per-packet one-way delay: 60.984 ms
Loss rate: 0.06%

Run 3: Report of QUIC Cubic — Data Link

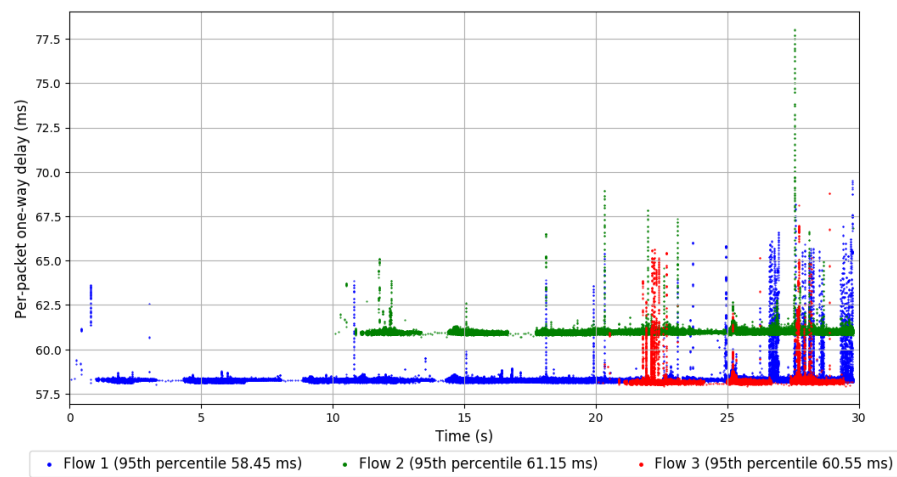
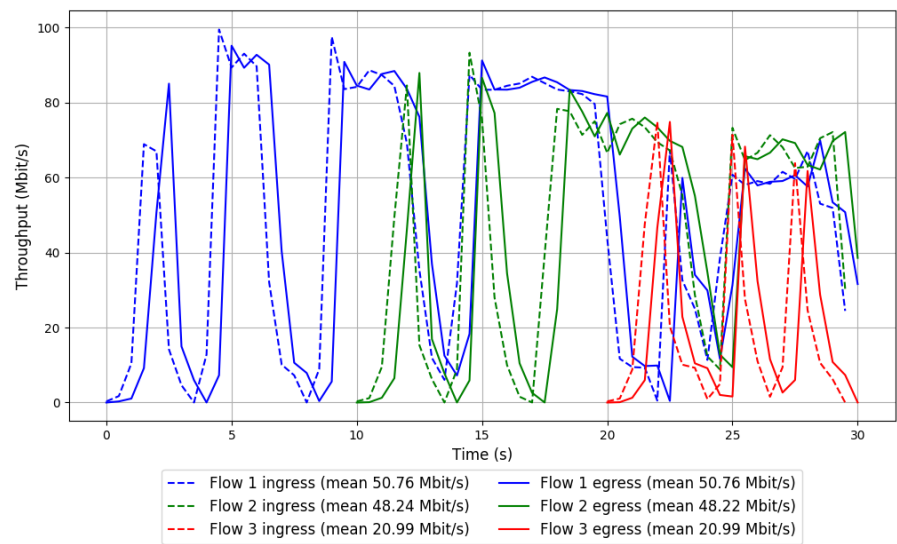


Run 4: Statistics of QUIC Cubic

Start at: 2018-07-24 16:34:12
End at: 2018-07-24 16:34:42
Local clock offset: -0.258 ms
Remote clock offset: -37.073 ms

Below is generated by plot.py at 2018-07-24 21:57:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.49 Mbit/s
95th percentile per-packet one-way delay: 61.085 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 50.76 Mbit/s
95th percentile per-packet one-way delay: 58.453 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 48.22 Mbit/s
95th percentile per-packet one-way delay: 61.147 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 20.99 Mbit/s
95th percentile per-packet one-way delay: 60.548 ms
Loss rate: 0.00%

Run 4: Report of QUIC Cubic — Data Link

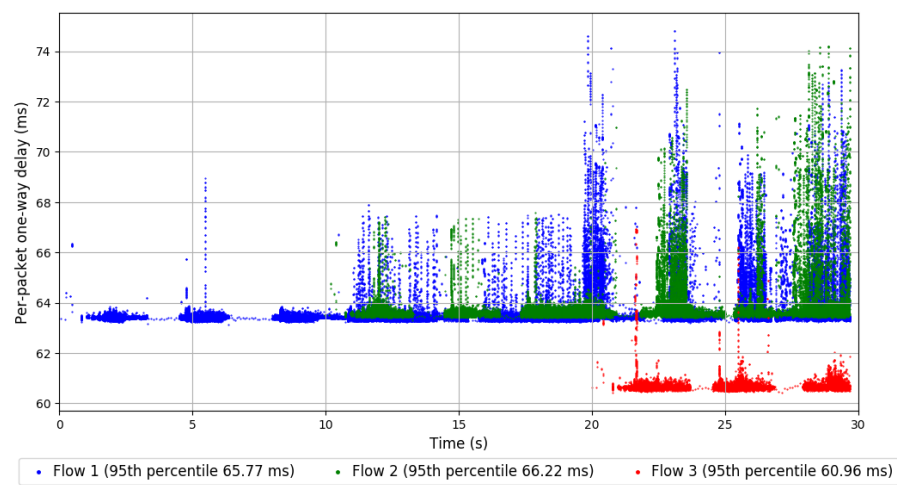
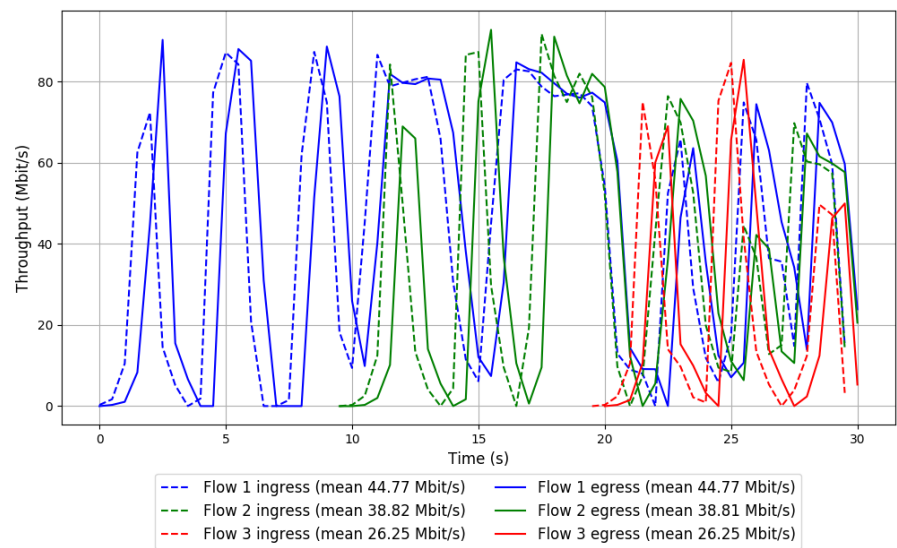


Run 5: Statistics of QUIC Cubic

Start at: 2018-07-24 17:13:55
End at: 2018-07-24 17:14:25
Local clock offset: 0.298 ms
Remote clock offset: -36.173 ms

Below is generated by plot.py at 2018-07-24 21:57:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.15 Mbit/s
95th percentile per-packet one-way delay: 65.714 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 44.77 Mbit/s
95th percentile per-packet one-way delay: 65.770 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.81 Mbit/s
95th percentile per-packet one-way delay: 66.219 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 26.25 Mbit/s
95th percentile per-packet one-way delay: 60.958 ms
Loss rate: 0.00%

Run 5: Report of QUIC Cubic — Data Link

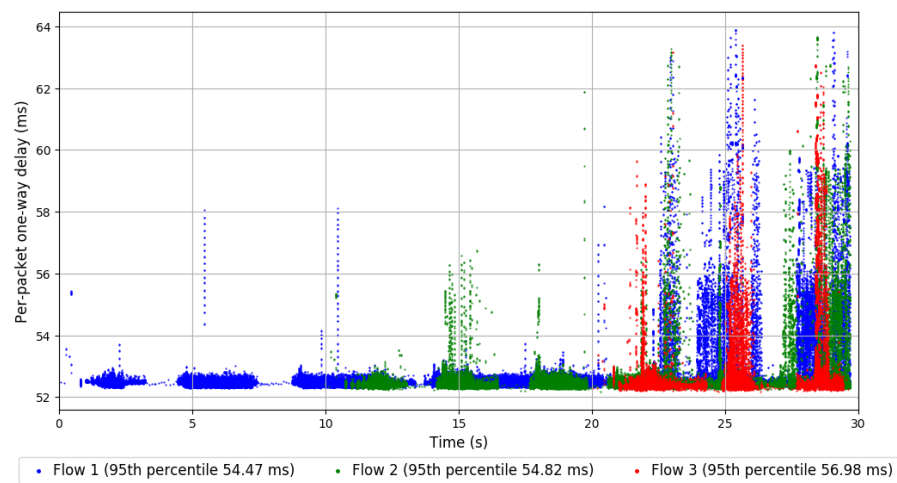
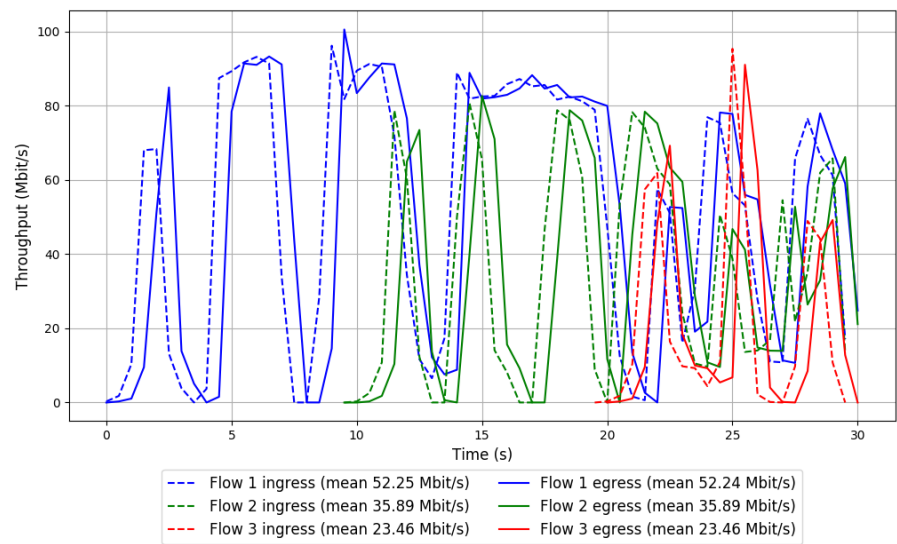


Run 6: Statistics of QUIC Cubic

Start at: 2018-07-24 17:43:59
End at: 2018-07-24 17:44:29
Local clock offset: 0.77 ms
Remote clock offset: -44.845 ms

Below is generated by plot.py at 2018-07-24 21:57:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.69 Mbit/s
95th percentile per-packet one-way delay: 54.822 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 52.24 Mbit/s
95th percentile per-packet one-way delay: 54.467 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 35.89 Mbit/s
95th percentile per-packet one-way delay: 54.817 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 23.46 Mbit/s
95th percentile per-packet one-way delay: 56.983 ms
Loss rate: 0.00%

Run 6: Report of QUIC Cubic — Data Link

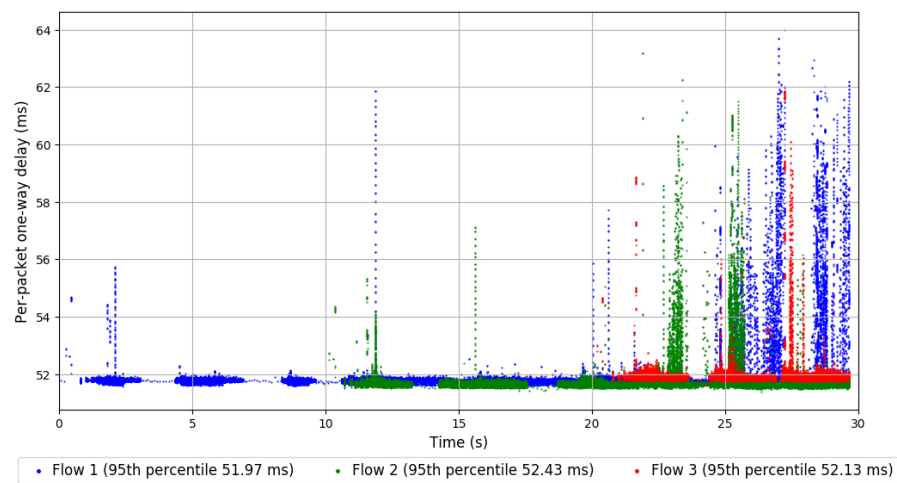
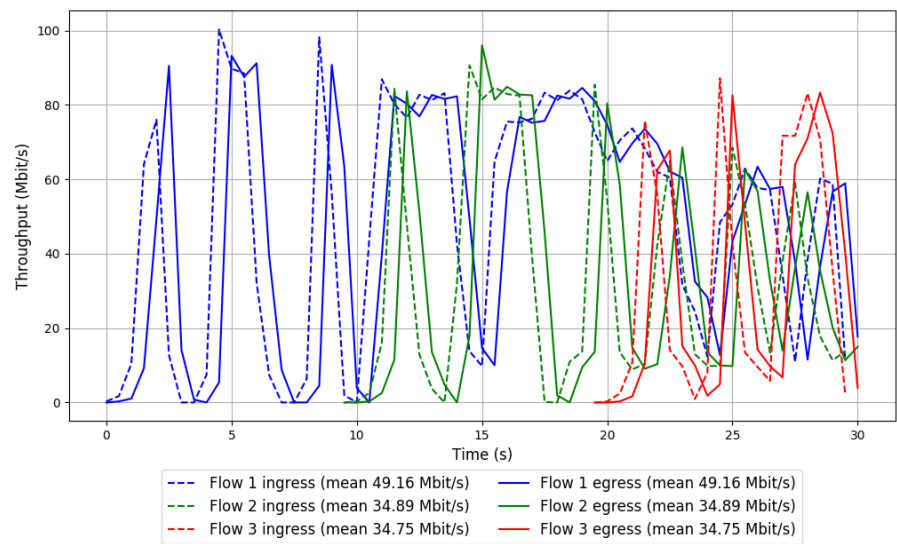


Run 7: Statistics of QUIC Cubic

Start at: 2018-07-24 18:36:16
End at: 2018-07-24 18:36:46
Local clock offset: 1.723 ms
Remote clock offset: -43.768 ms

Below is generated by plot.py at 2018-07-24 21:57:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.73 Mbit/s
95th percentile per-packet one-way delay: 52.125 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 49.16 Mbit/s
95th percentile per-packet one-way delay: 51.974 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 34.89 Mbit/s
95th percentile per-packet one-way delay: 52.430 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 34.75 Mbit/s
95th percentile per-packet one-way delay: 52.128 ms
Loss rate: 0.00%

Run 7: Report of QUIC Cubic — Data Link

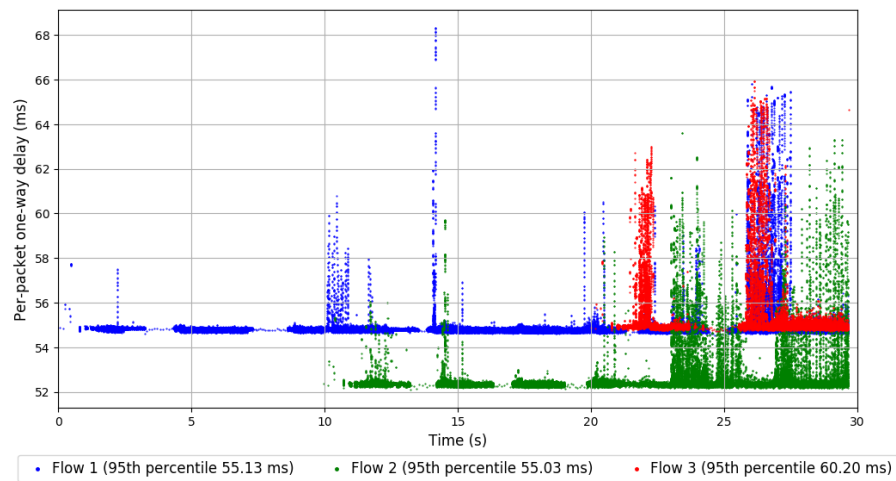
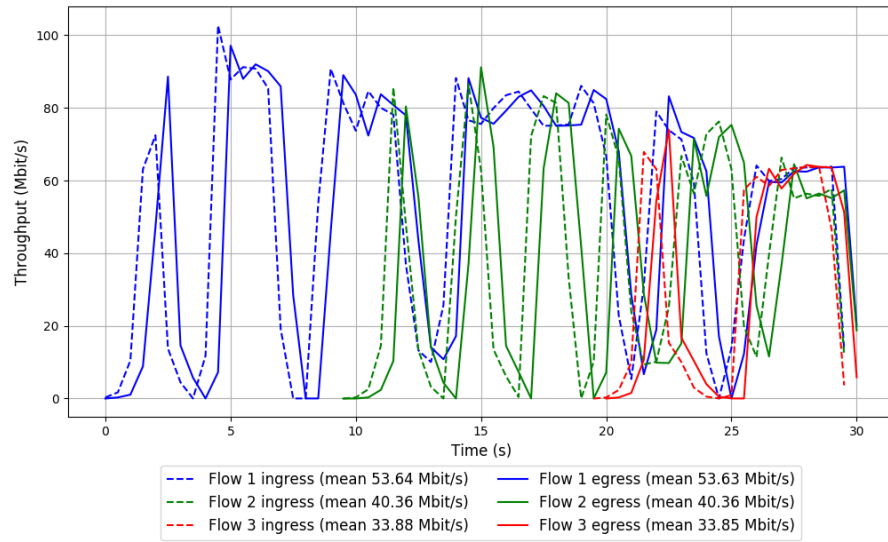


Run 8: Statistics of QUIC Cubic

Start at: 2018-07-24 19:27:22
End at: 2018-07-24 19:27:52
Local clock offset: 1.12 ms
Remote clock offset: -37.546 ms

Below is generated by plot.py at 2018-07-24 21:57:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.50 Mbit/s
95th percentile per-packet one-way delay: 56.011 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 53.63 Mbit/s
95th percentile per-packet one-way delay: 55.133 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 40.36 Mbit/s
95th percentile per-packet one-way delay: 55.033 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 33.85 Mbit/s
95th percentile per-packet one-way delay: 60.198 ms
Loss rate: 0.01%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-07-24 20:14:56

End at: 2018-07-24 20:15:26

Local clock offset: -0.457 ms

Remote clock offset: -28.2 ms

Below is generated by plot.py at 2018-07-24 21:57:06

Datalink statistics

-- Total of 3 flows:

Average throughput: 86.57 Mbit/s

95th percentile per-packet one-way delay: 61.612 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 51.05 Mbit/s

95th percentile per-packet one-way delay: 61.363 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 39.00 Mbit/s

95th percentile per-packet one-way delay: 60.133 ms

Loss rate: 0.00%

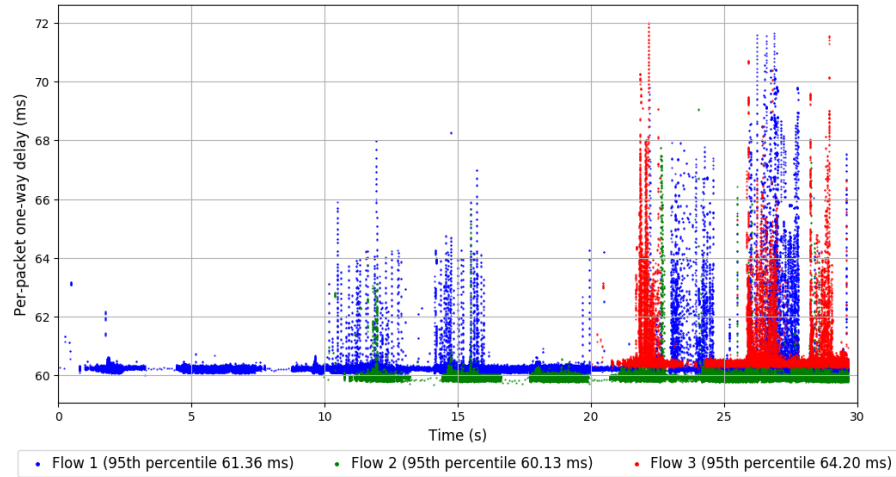
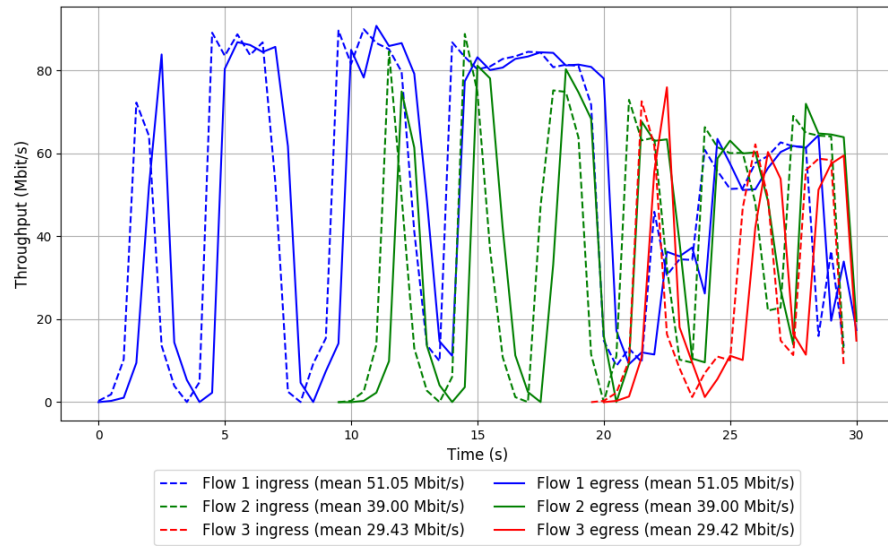
-- Flow 3:

Average throughput: 29.42 Mbit/s

95th percentile per-packet one-way delay: 64.205 ms

Loss rate: 0.00%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-07-24 21:02:17

End at: 2018-07-24 21:02:47

Local clock offset: -3.688 ms

Remote clock offset: -33.272 ms

Below is generated by plot.py at 2018-07-24 21:57:06

Datalink statistics

-- Total of 3 flows:

Average throughput: 82.52 Mbit/s

95th percentile per-packet one-way delay: 60.019 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 47.89 Mbit/s

95th percentile per-packet one-way delay: 59.559 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 39.07 Mbit/s

95th percentile per-packet one-way delay: 57.570 ms

Loss rate: 0.00%

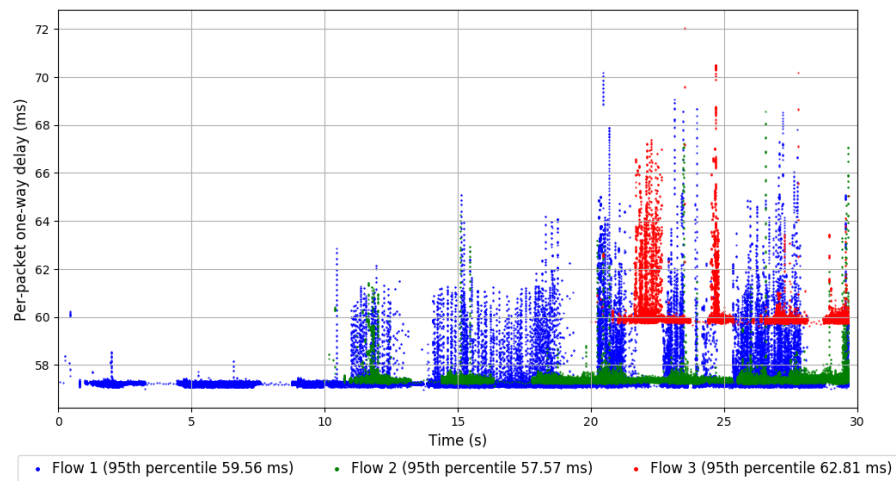
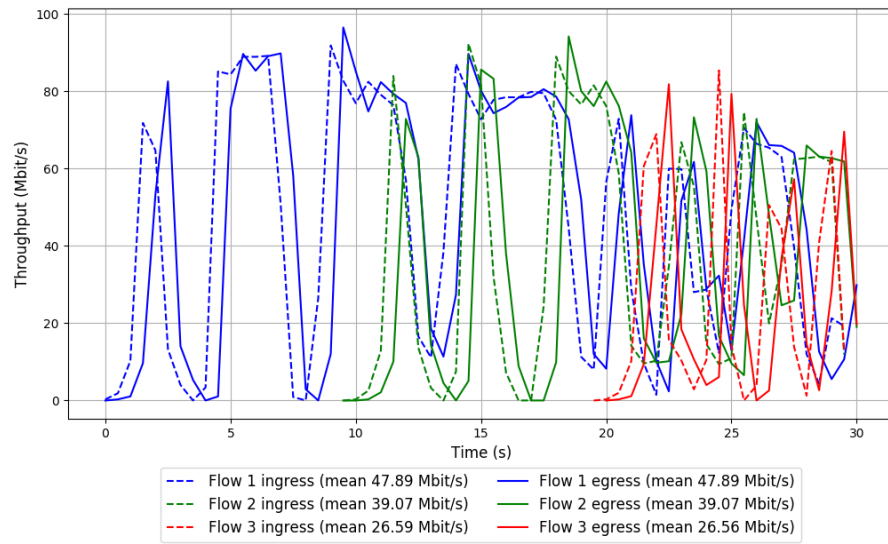
-- Flow 3:

Average throughput: 26.56 Mbit/s

95th percentile per-packet one-way delay: 62.808 ms

Loss rate: 0.07%

Run 10: Report of QUIC Cubic — Data Link

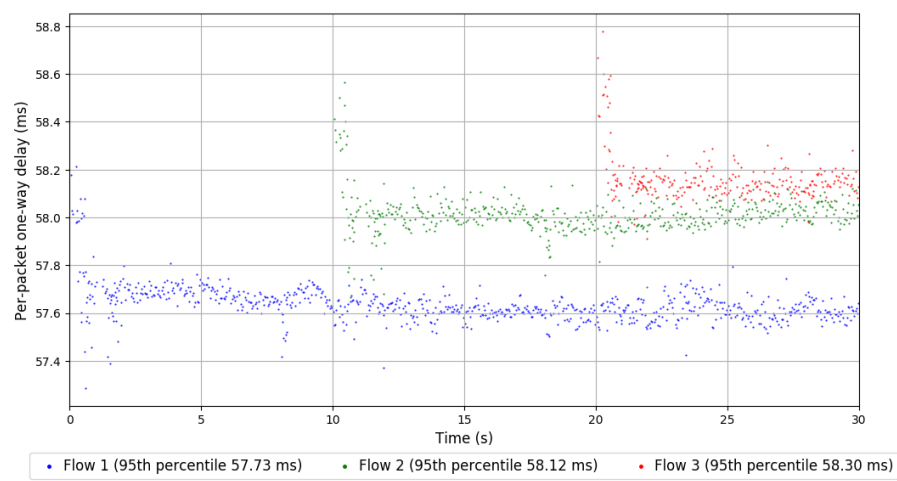
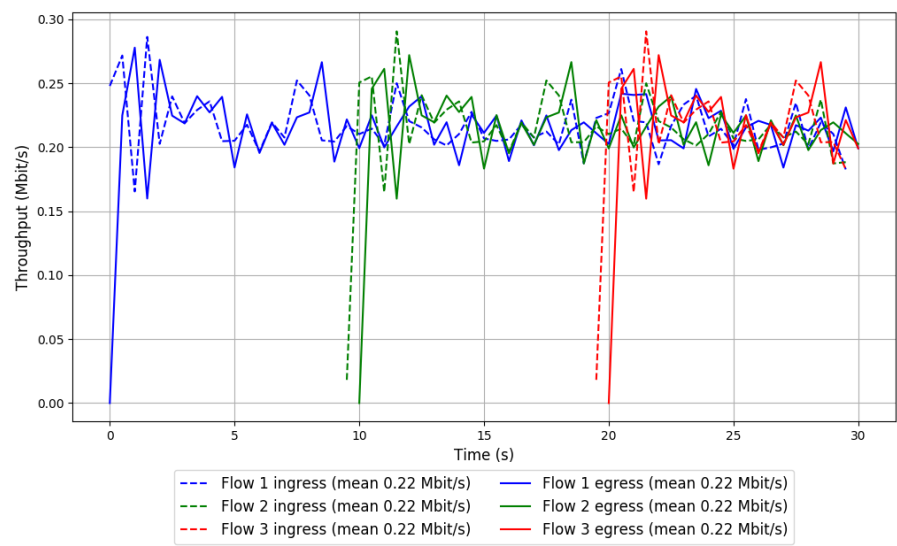


```
Run 1: Statistics of SReAM

Start at: 2018-07-24 14:51:28
End at: 2018-07-24 14:51:58
Local clock offset: -5.486 ms
Remote clock offset: -39.971 ms

# Below is generated by plot.py at 2018-07-24 21:57:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 58.179 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 57.731 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 58.117 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 58.302 ms
Loss rate: 0.00%
```


Run 1: Report of SReAM — Data Link

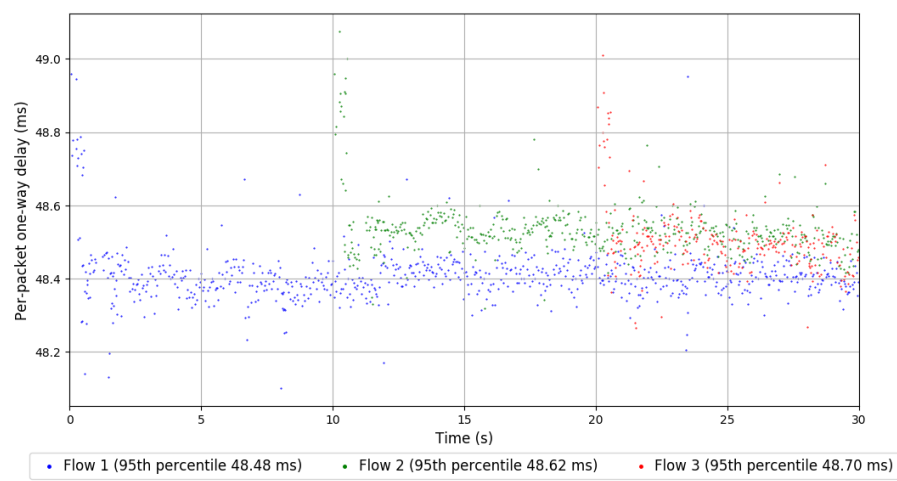
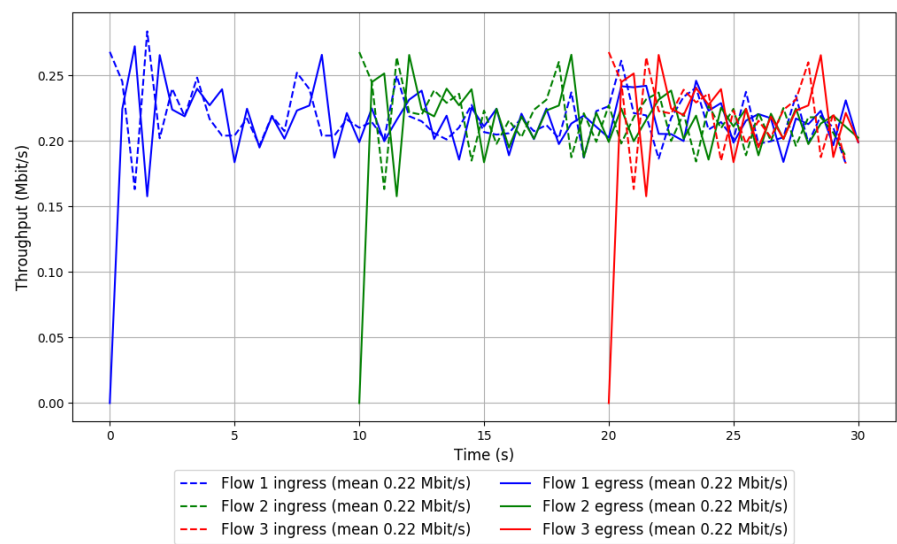


```
Run 2: Statistics of SReAM

Start at: 2018-07-24 15:21:25
End at: 2018-07-24 15:21:55
Local clock offset: 2.123 ms
Remote clock offset: -38.841 ms

# Below is generated by plot.py at 2018-07-24 21:57:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 48.599 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.480 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.622 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.703 ms
Loss rate: 0.00%
```

Run 2: Report of SReAM — Data Link

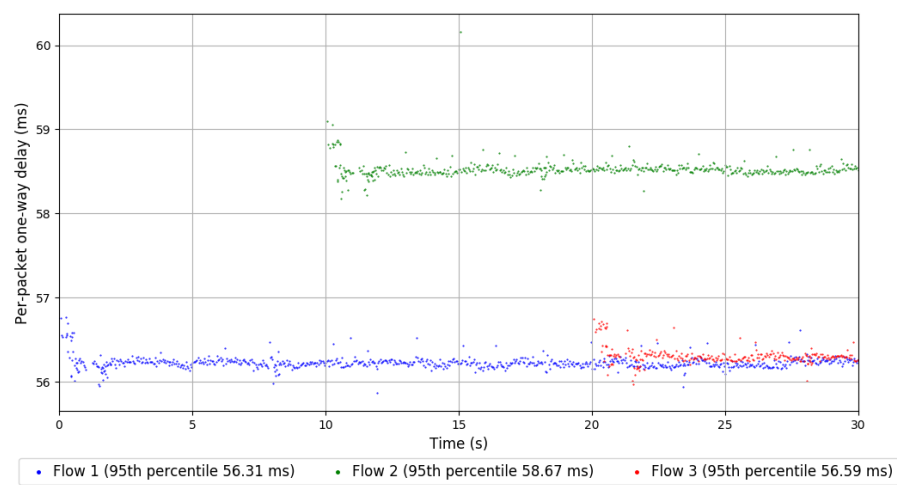
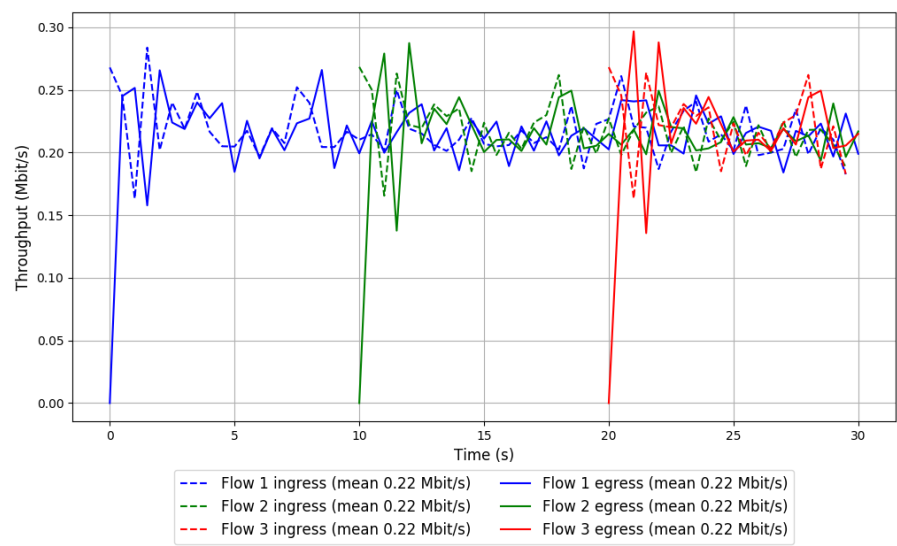


Run 3: Statistics of SReAM

Start at: 2018-07-24 15:57:08
End at: 2018-07-24 15:57:38
Local clock offset: -1.017 ms
Remote clock offset: -37.031 ms

Below is generated by plot.py at 2018-07-24 21:57:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 58.564 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 56.308 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 58.674 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 56.587 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

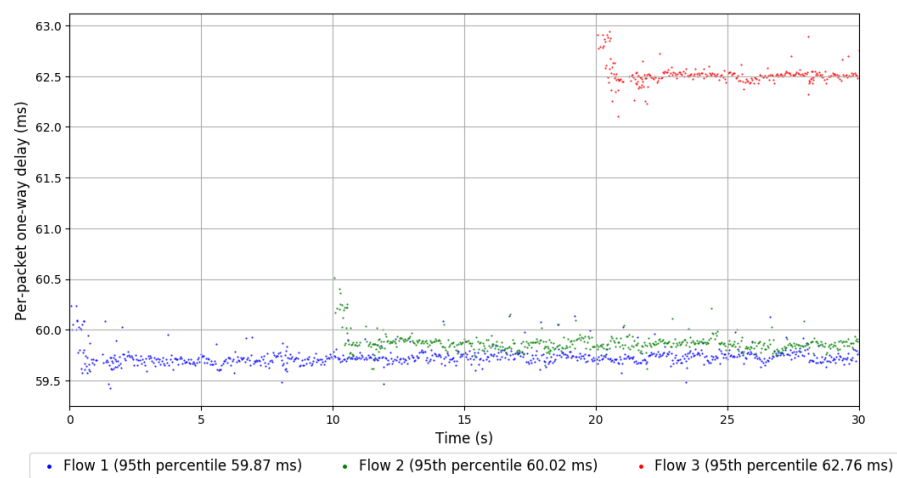
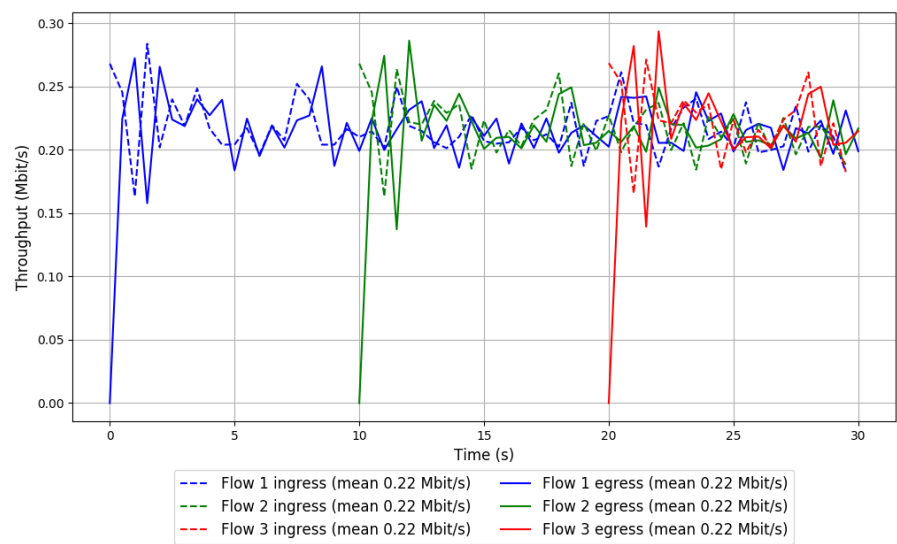


Run 4: Statistics of SReAM

Start at: 2018-07-24 16:32:57
End at: 2018-07-24 16:33:27
Local clock offset: -1.692 ms
Remote clock offset: -37.04 ms

Below is generated by plot.py at 2018-07-24 21:57:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 62.527 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 59.872 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 60.021 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 62.759 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

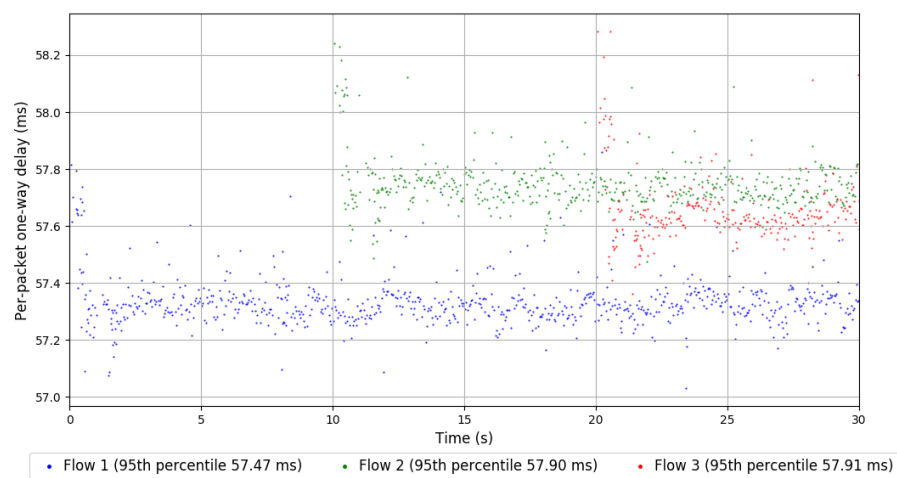
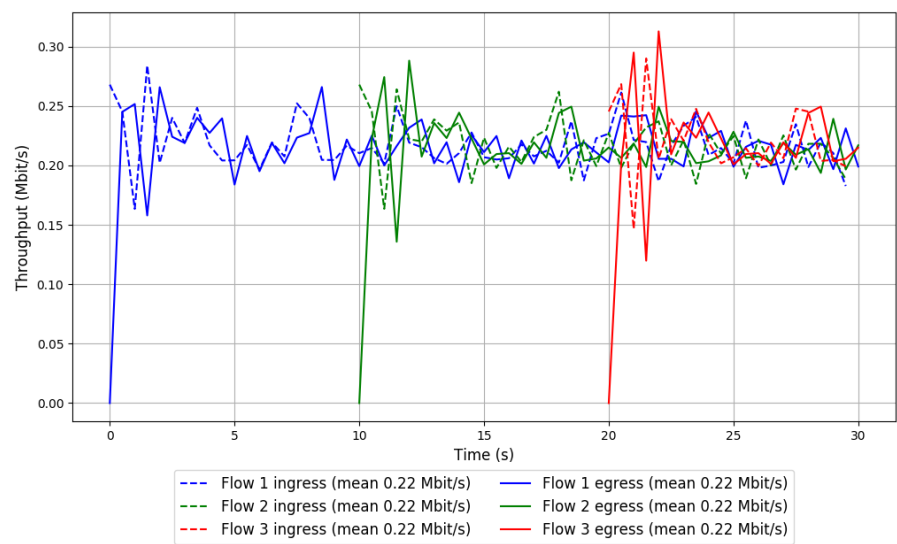


Run 5: Statistics of SReAM

Start at: 2018-07-24 17:12:39
End at: 2018-07-24 17:13:09
Local clock offset: -0.744 ms
Remote clock offset: -40.666 ms

Below is generated by plot.py at 2018-07-24 21:57:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 57.812 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 57.473 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 57.895 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 57.914 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

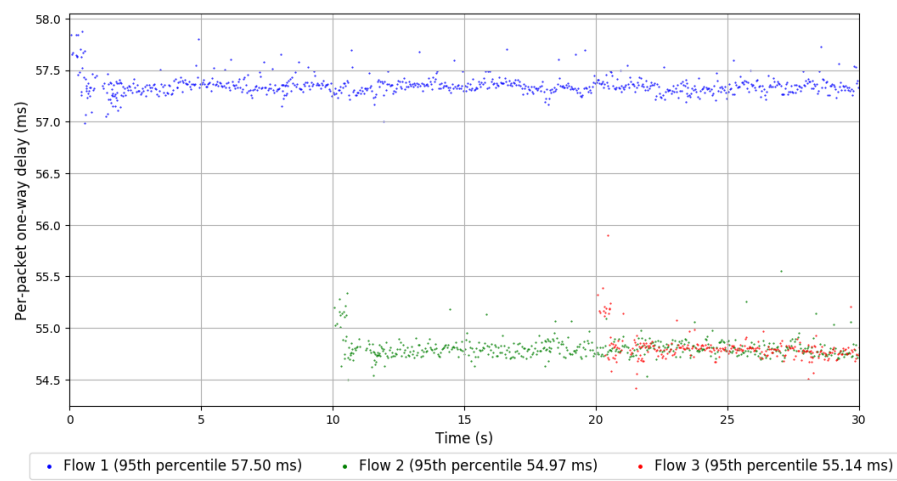
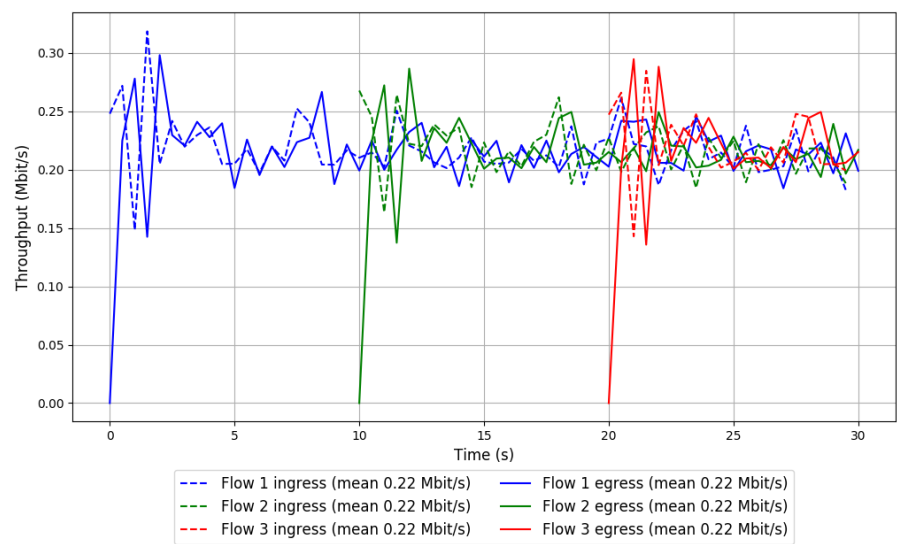


Run 6: Statistics of SReAM

Start at: 2018-07-24 17:42:44
End at: 2018-07-24 17:43:14
Local clock offset: 1.707 ms
Remote clock offset: -41.736 ms

Below is generated by plot.py at 2018-07-24 21:57:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 57.428 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 57.502 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 54.966 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 55.139 ms
Loss rate: 0.00%

Run 6: Report of SCSReAM — Data Link

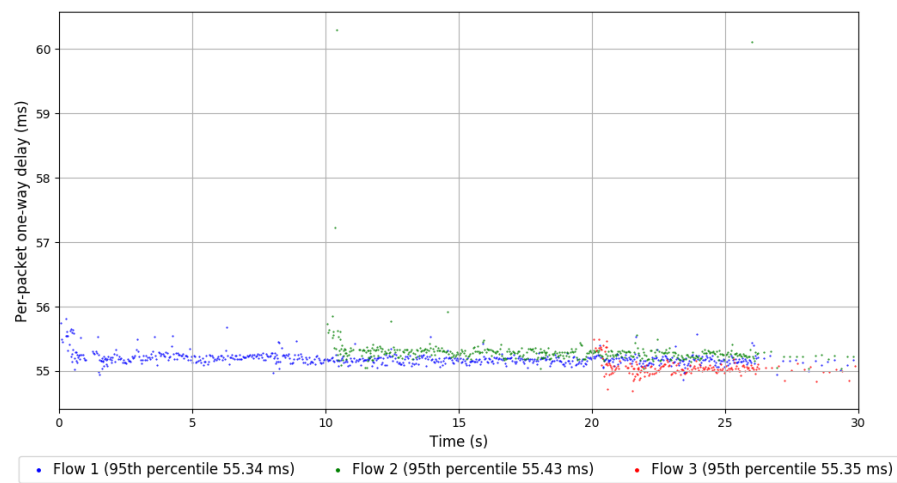
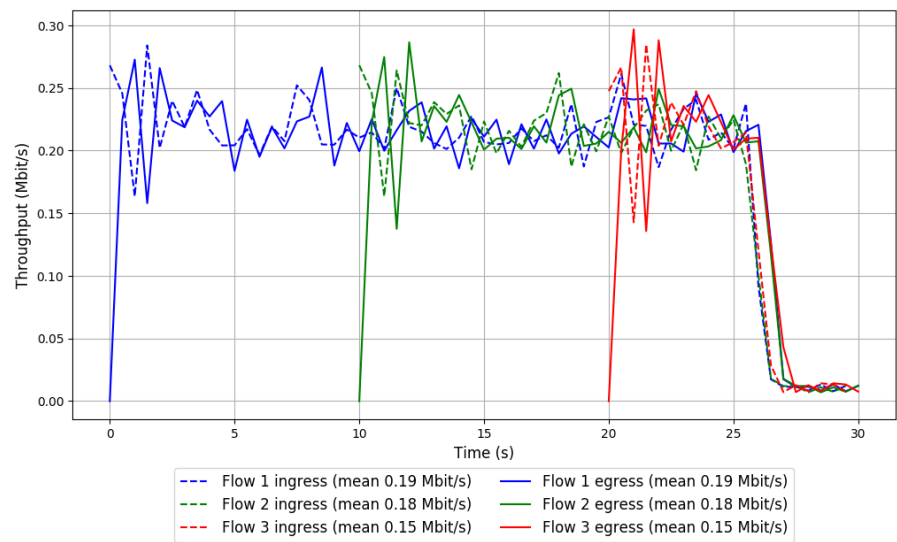


Run 7: Statistics of SCReAM

Start at: 2018-07-24 18:29:28
End at: 2018-07-24 18:29:58
Local clock offset: -1.304 ms
Remote clock offset: -44.136 ms

Below is generated by plot.py at 2018-07-24 21:57:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 55.384 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 55.336 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 55.428 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 55.346 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

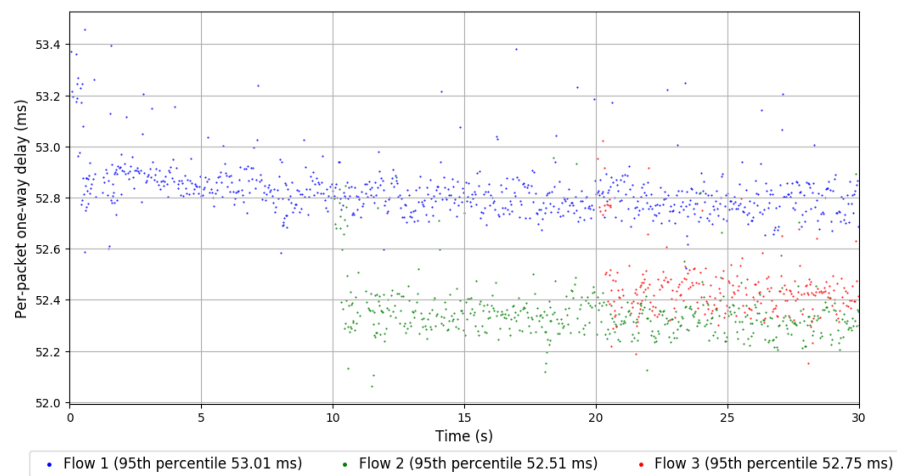
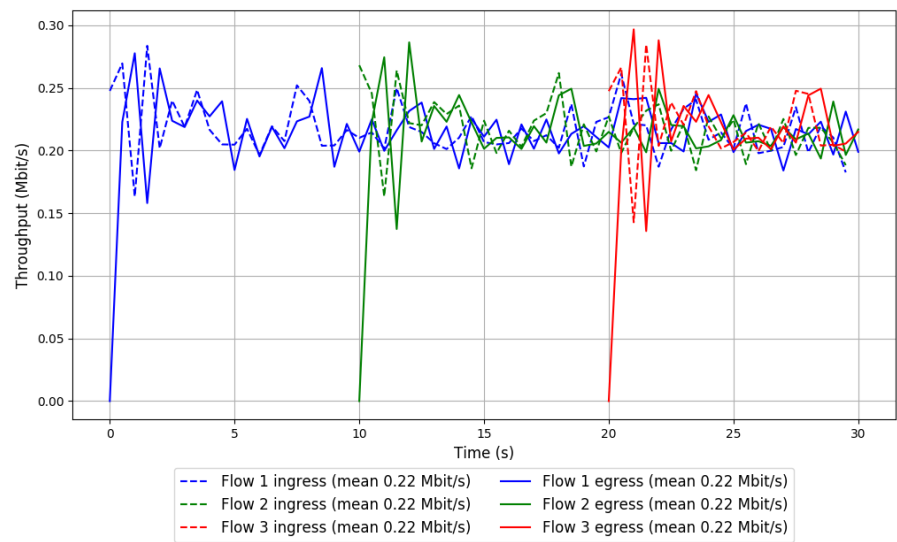


Run 8: Statistics of SReAM

Start at: 2018-07-24 19:26:07
End at: 2018-07-24 19:26:37
Local clock offset: 0.677 ms
Remote clock offset: -38.342 ms

Below is generated by plot.py at 2018-07-24 21:57:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 52.917 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 53.007 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 52.507 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 52.746 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

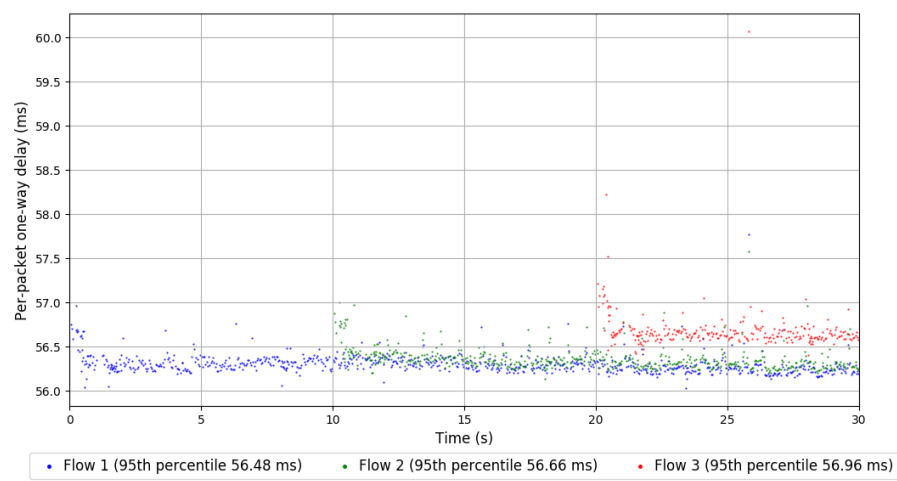
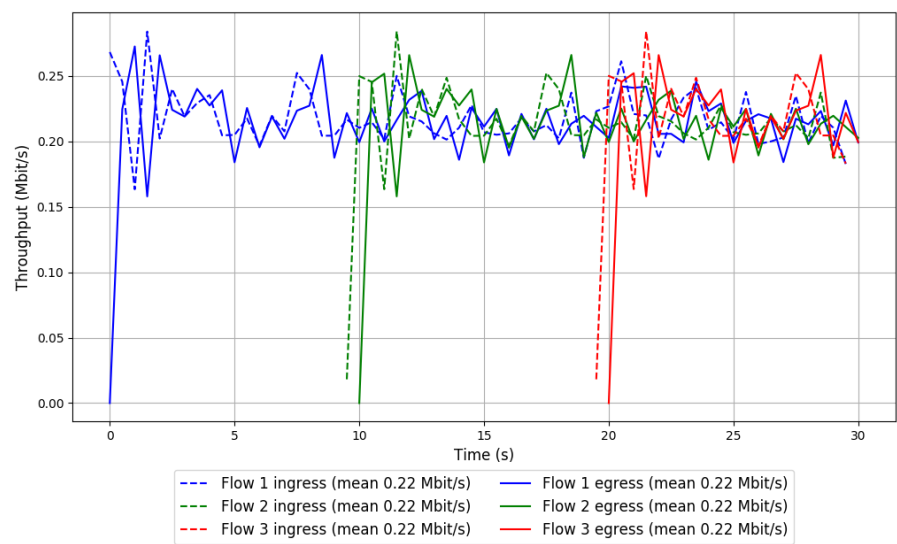


Run 9: Statistics of SReAM

Start at: 2018-07-24 20:13:41
End at: 2018-07-24 20:14:11
Local clock offset: 0.671 ms
Remote clock offset: -30.852 ms

Below is generated by plot.py at 2018-07-24 21:57:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 56.721 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 56.483 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 56.662 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 56.959 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

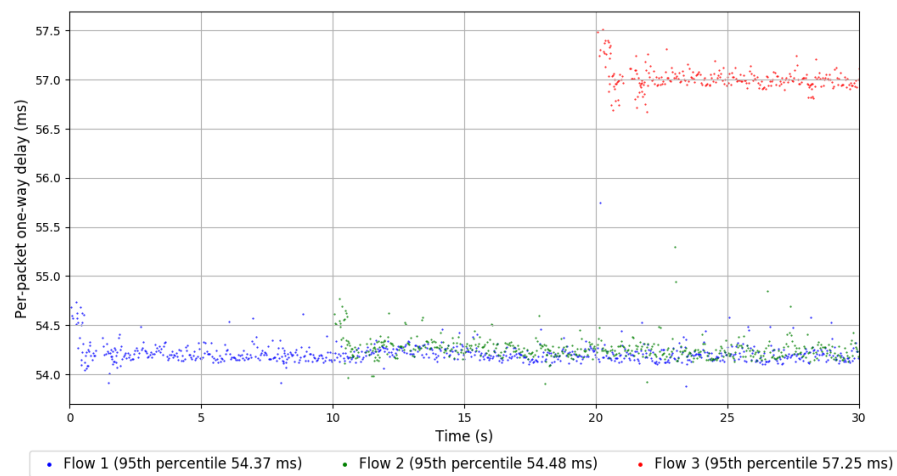
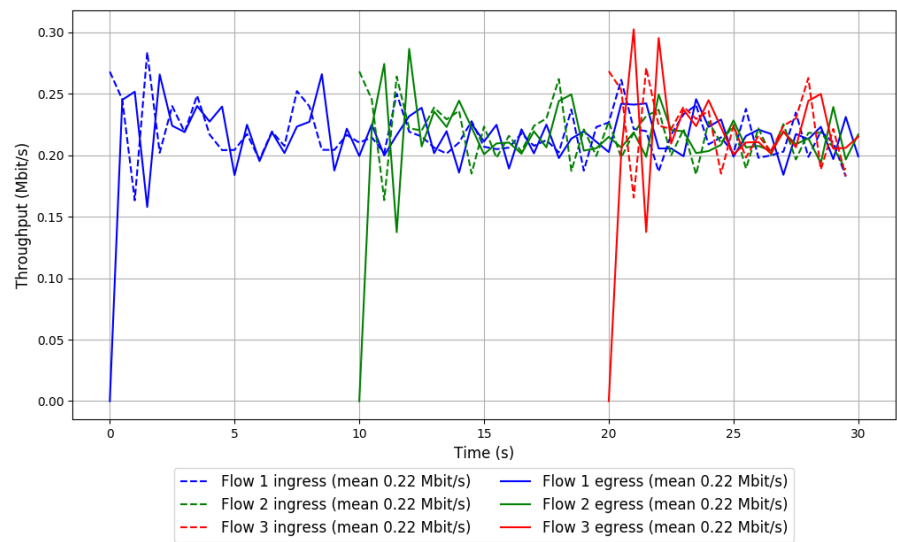


Run 10: Statistics of SReAM

Start at: 2018-07-24 21:01:02
End at: 2018-07-24 21:01:32
Local clock offset: 1.573 ms
Remote clock offset: -31.308 ms

Below is generated by plot.py at 2018-07-24 21:57:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 57.035 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 54.371 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 54.481 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 57.253 ms
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link

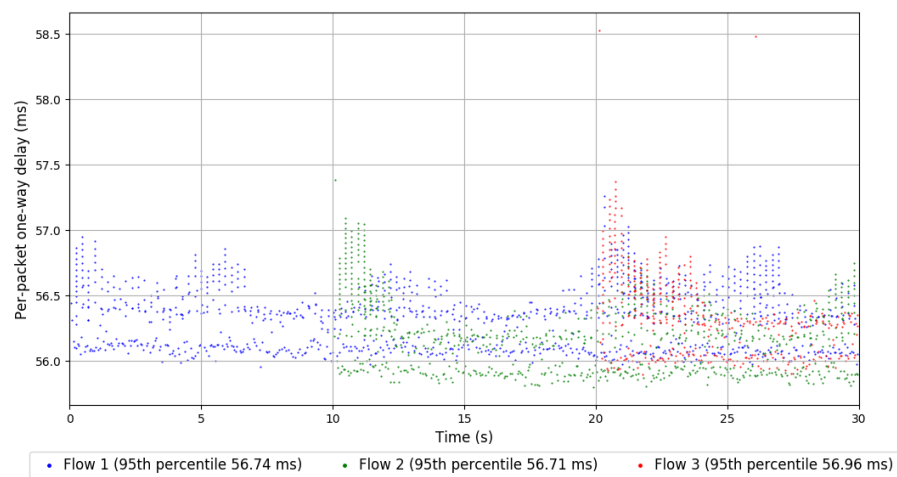
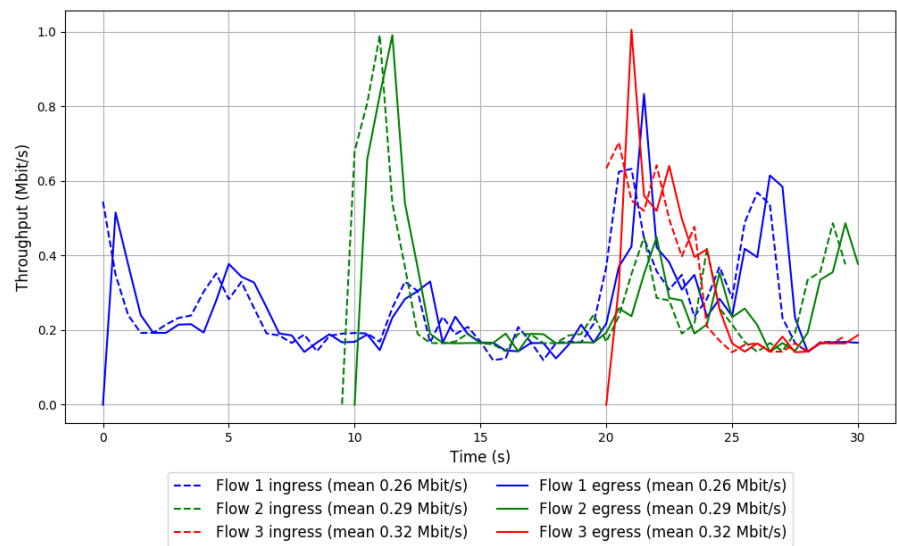


Run 1: Statistics of Sprout

Start at: 2018-07-24 14:54:04
End at: 2018-07-24 14:54:34
Local clock offset: 0.644 ms
Remote clock offset: -32.834 ms

Below is generated by plot.py at 2018-07-24 21:57:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 56.776 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 56.742 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 56.712 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 56.956 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

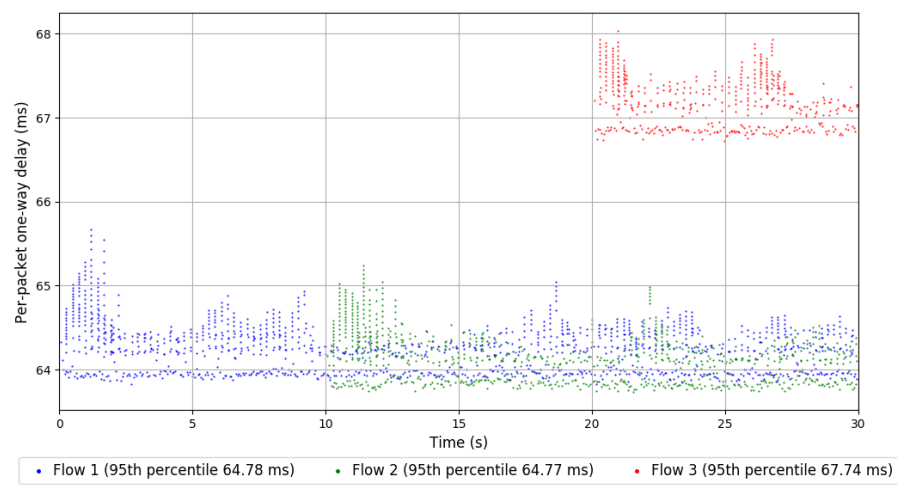
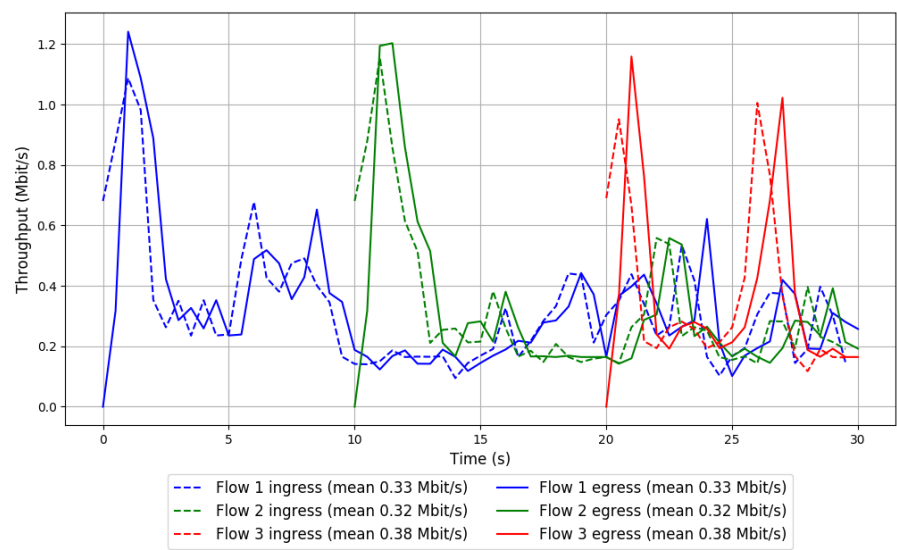


Run 2: Statistics of Sprout

Start at: 2018-07-24 15:24:01
End at: 2018-07-24 15:24:31
Local clock offset: 0.399 ms
Remote clock offset: -25.104 ms

Below is generated by plot.py at 2018-07-24 21:57:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.67 Mbit/s
95th percentile per-packet one-way delay: 67.400 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 64.775 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 64.773 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 67.743 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

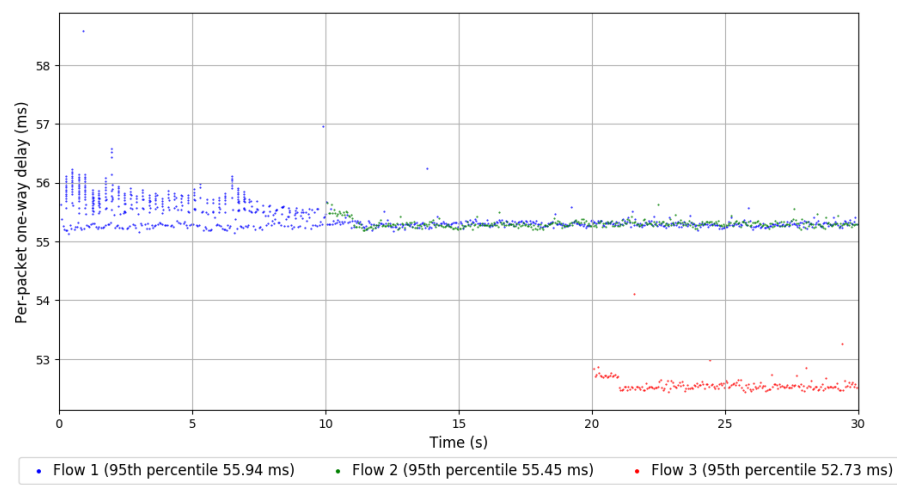
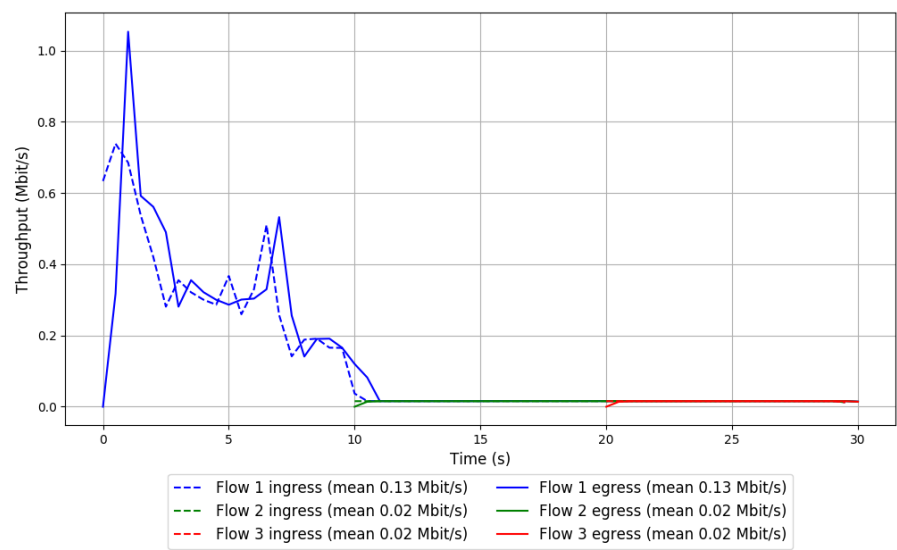


Run 3: Statistics of Sprout

Start at: 2018-07-24 15:59:44
End at: 2018-07-24 16:00:14
Local clock offset: 0.702 ms
Remote clock offset: -38.743 ms

Below is generated by plot.py at 2018-07-24 21:57:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 55.842 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 55.935 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.02 Mbit/s
95th percentile per-packet one-way delay: 55.448 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.02 Mbit/s
95th percentile per-packet one-way delay: 52.732 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

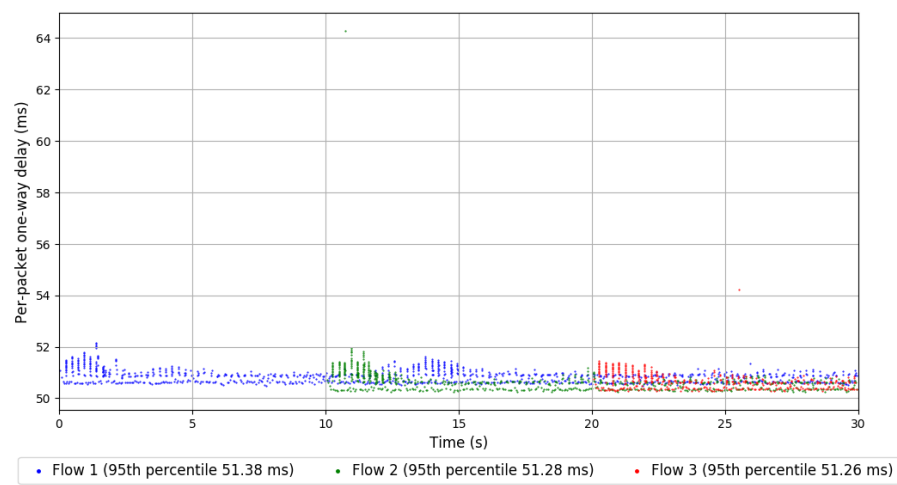
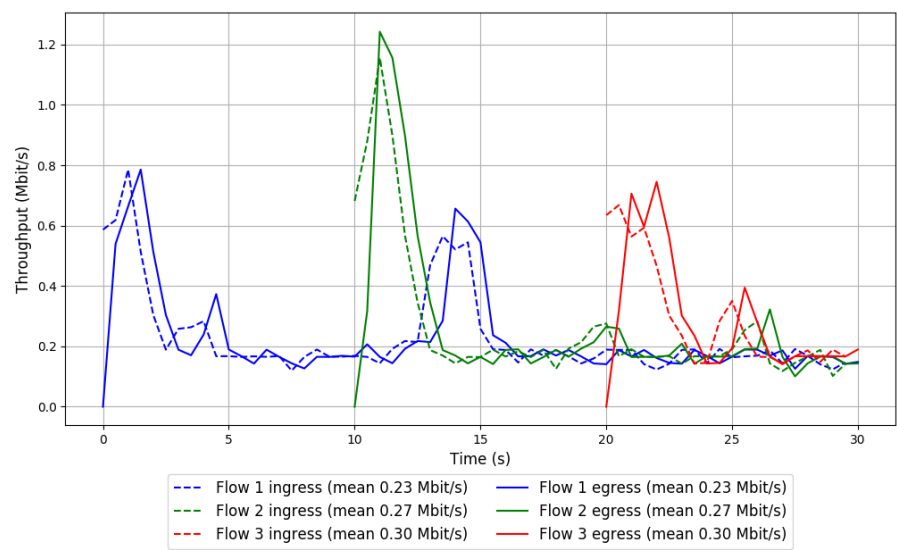


Run 4: Statistics of Sprout

Start at: 2018-07-24 16:35:33
End at: 2018-07-24 16:36:03
Local clock offset: 0.486 ms
Remote clock offset: -44.103 ms

```
# Below is generated by plot.py at 2018-07-24 21:57:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 51.313 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 51.379 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 51.281 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 51.256 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

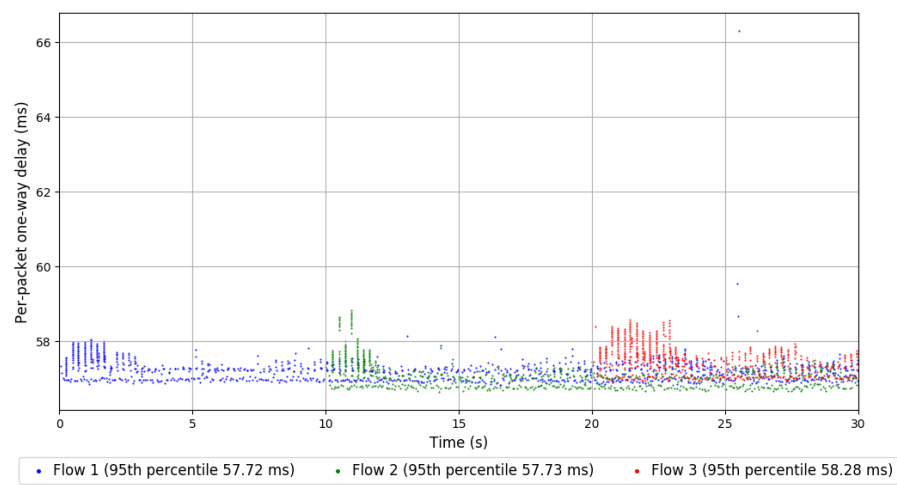
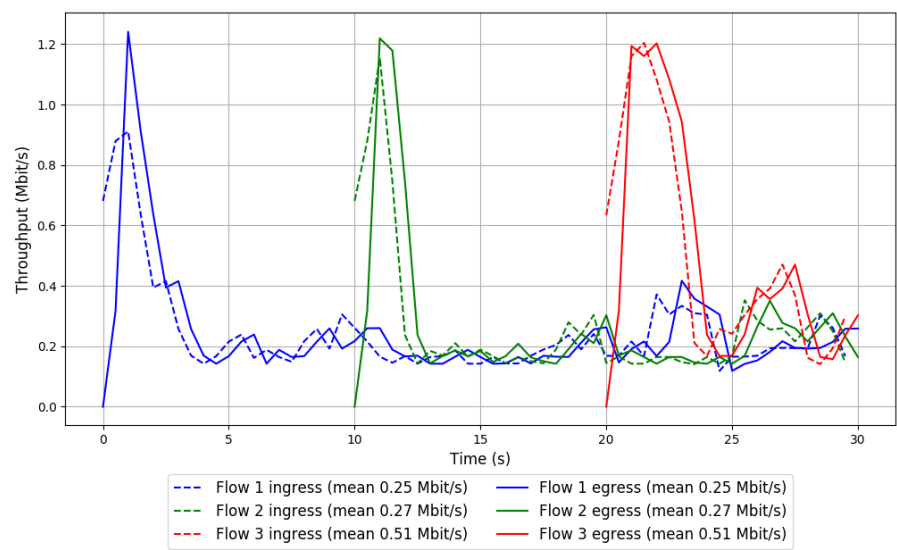


Run 5: Statistics of Sprout

Start at: 2018-07-24 17:15:16
End at: 2018-07-24 17:15:46
Local clock offset: 0.713 ms
Remote clock offset: -39.597 ms

Below is generated by plot.py at 2018-07-24 21:57:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.59 Mbit/s
95th percentile per-packet one-way delay: 57.969 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 57.716 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 57.727 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 58.276 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

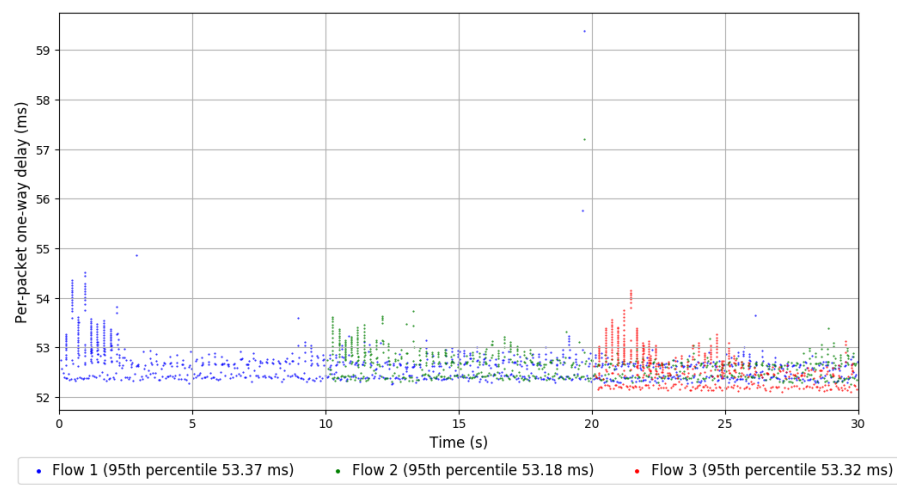
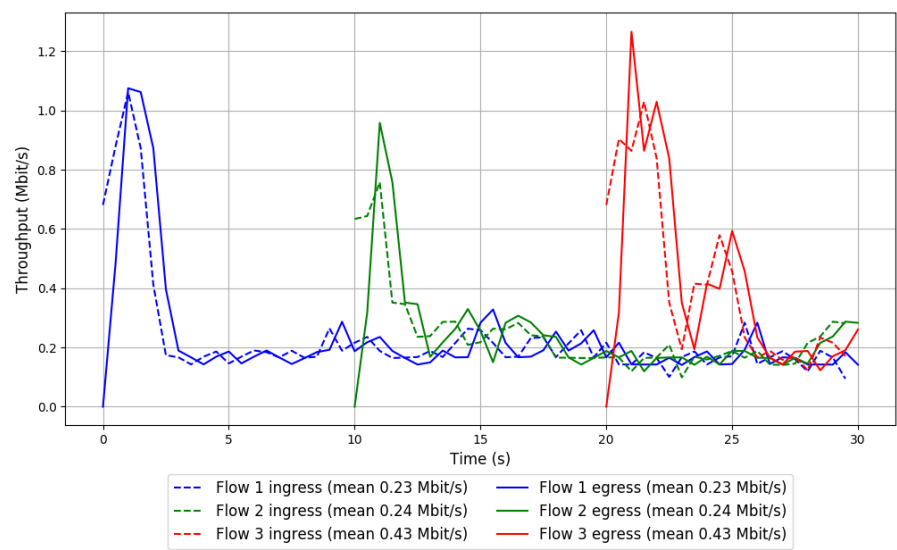


Run 6: Statistics of Sprout

Start at: 2018-07-24 17:45:21
End at: 2018-07-24 17:45:51
Local clock offset: -0.453 ms
Remote clock offset: -45.975 ms

```
# Below is generated by plot.py at 2018-07-24 21:57:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.54 Mbit/s
95th percentile per-packet one-way delay: 53.298 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 53.370 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 53.180 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 53.323 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link

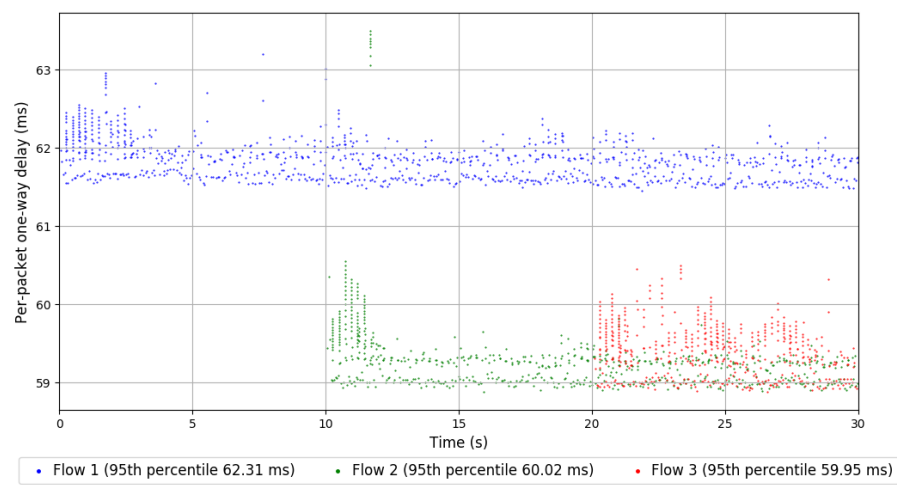
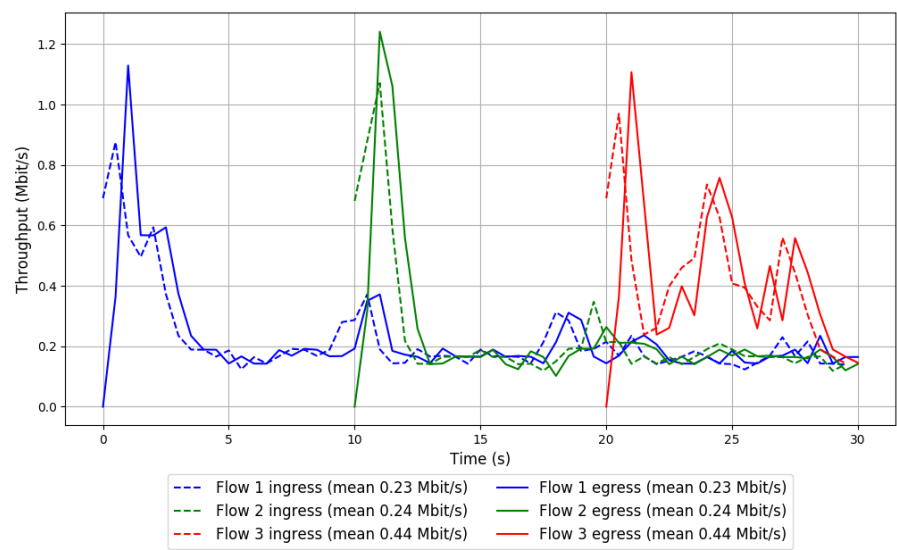


Run 7: Statistics of Sprout

Start at: 2018-07-24 18:37:43
End at: 2018-07-24 18:38:13
Local clock offset: -0.078 ms
Remote clock offset: -37.941 ms

```
# Below is generated by plot.py at 2018-07-24 21:57:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.53 Mbit/s
95th percentile per-packet one-way delay: 62.175 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 62.314 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 60.021 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 59.953 ms
Loss rate: 0.00%
```


Run 7: Report of Sprout — Data Link

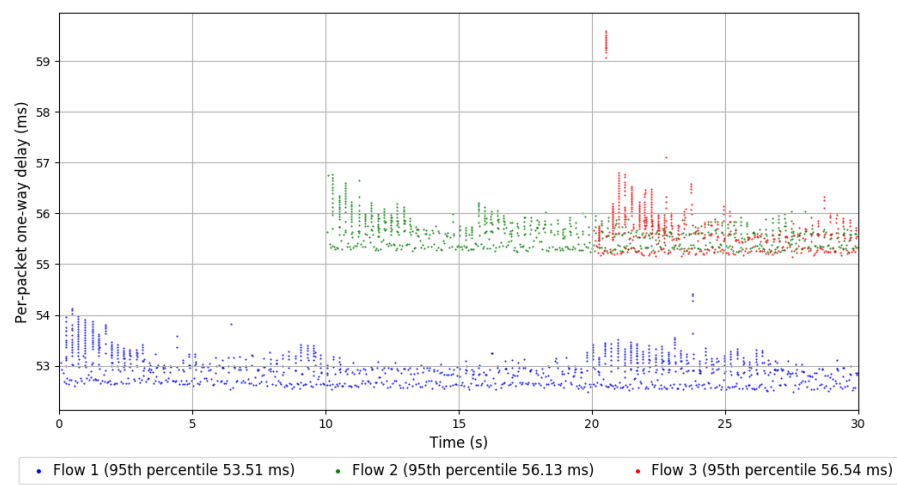
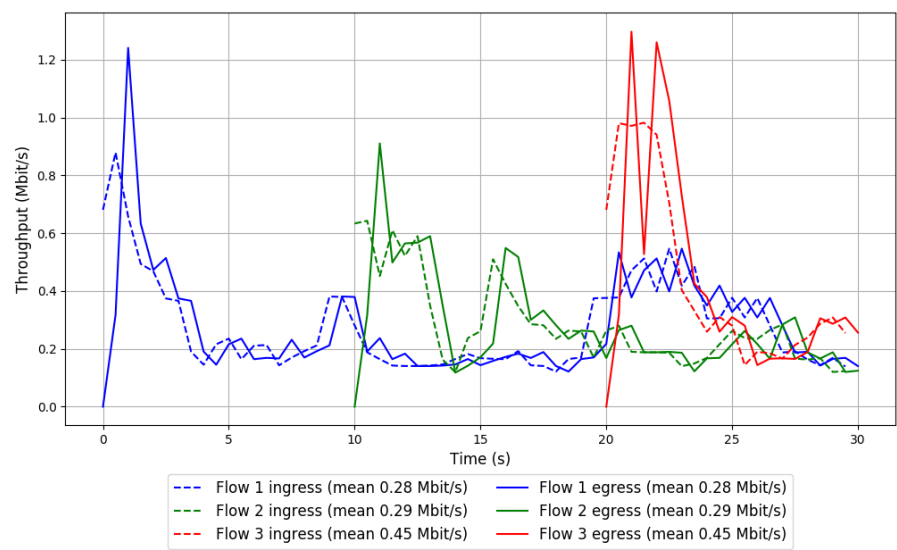


Run 8: Statistics of Sprout

Start at: 2018-07-24 19:28:44
End at: 2018-07-24 19:29:14
Local clock offset: 0.542 ms
Remote clock offset: -37.602 ms

```
# Below is generated by plot.py at 2018-07-24 21:57:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: 56.108 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 53.506 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 56.131 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 56.539 ms
Loss rate: 0.00%
```

Run 8: Report of Sprout — Data Link

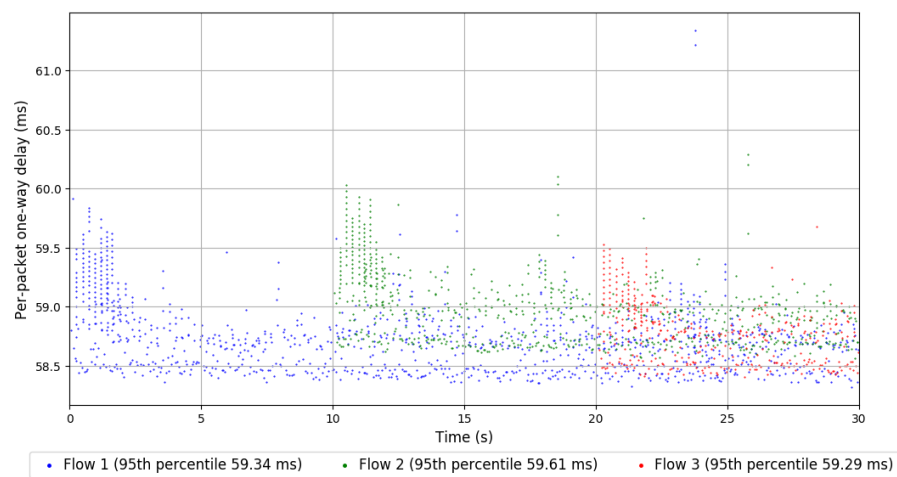
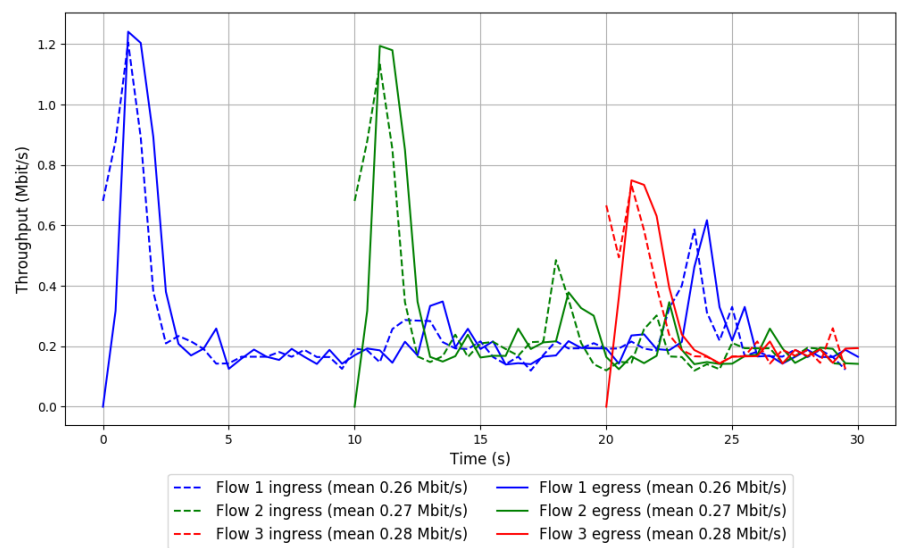


Run 9: Statistics of Sprout

Start at: 2018-07-24 20:16:18
End at: 2018-07-24 20:16:48
Local clock offset: 1.386 ms
Remote clock offset: -27.787 ms

Below is generated by plot.py at 2018-07-24 21:57:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.53 Mbit/s
95th percentile per-packet one-way delay: 59.426 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 59.345 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 59.609 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 59.287 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

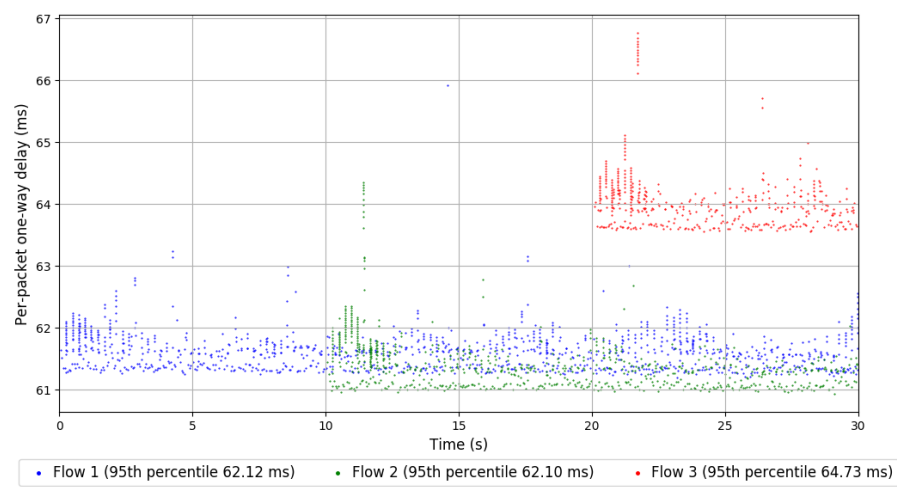
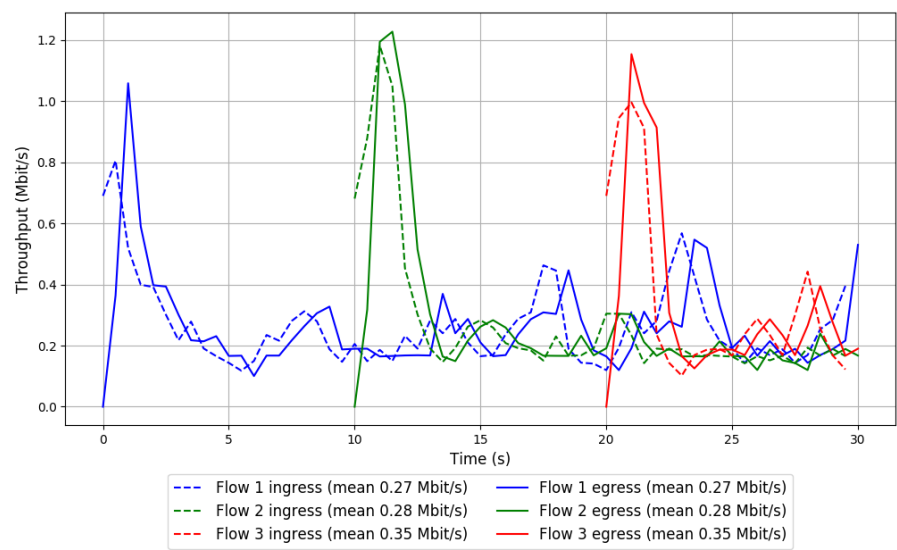


Run 10: Statistics of Sprout

Start at: 2018-07-24 21:03:38
End at: 2018-07-24 21:04:08
Local clock offset: 0.527 ms
Remote clock offset: -25.089 ms

Below is generated by plot.py at 2018-07-24 21:57:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 64.192 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 62.122 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 62.098 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 64.732 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

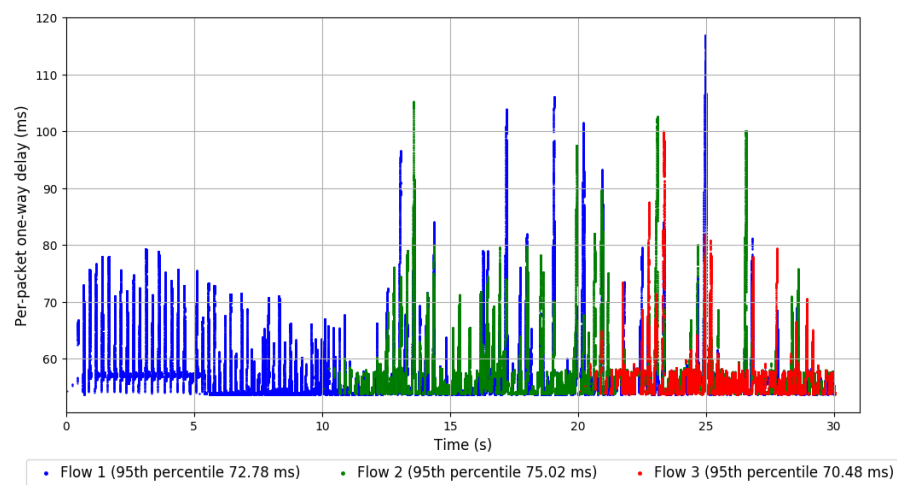
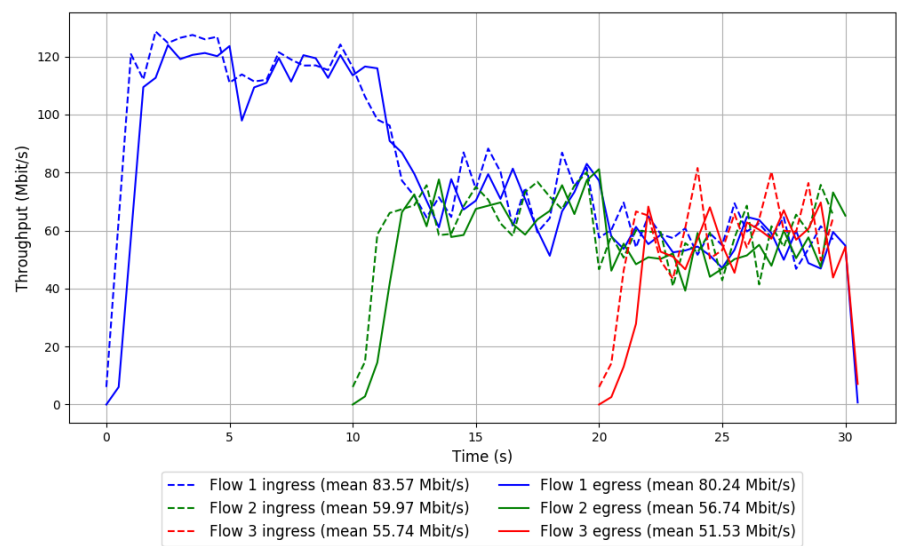


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-07-24 14:56:51
End at: 2018-07-24 14:57:21
Local clock offset: -0.846 ms
Remote clock offset: -36.43 ms

# Below is generated by plot.py at 2018-07-24 21:58:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 134.96 Mbit/s
95th percentile per-packet one-way delay: 73.213 ms
Loss rate: 4.84%
-- Flow 1:
Average throughput: 80.24 Mbit/s
95th percentile per-packet one-way delay: 72.782 ms
Loss rate: 3.98%
-- Flow 2:
Average throughput: 56.74 Mbit/s
95th percentile per-packet one-way delay: 75.017 ms
Loss rate: 5.38%
-- Flow 3:
Average throughput: 51.53 Mbit/s
95th percentile per-packet one-way delay: 70.483 ms
Loss rate: 7.55%
```


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

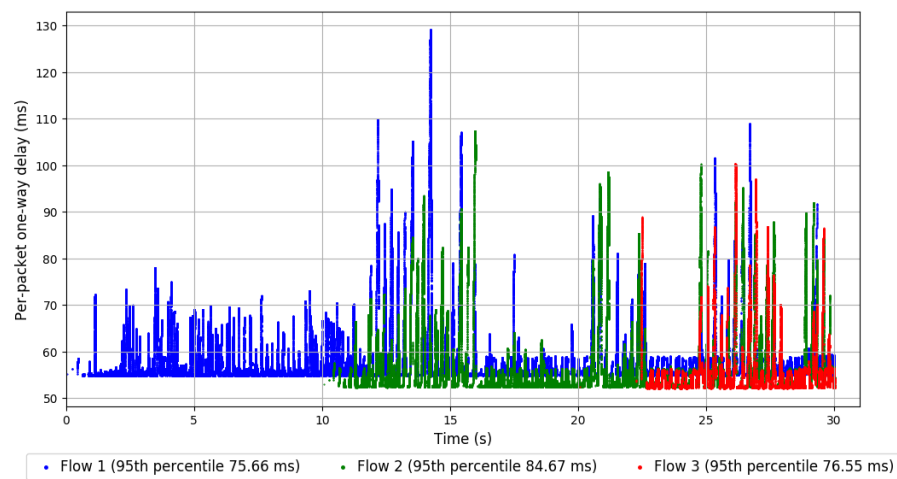
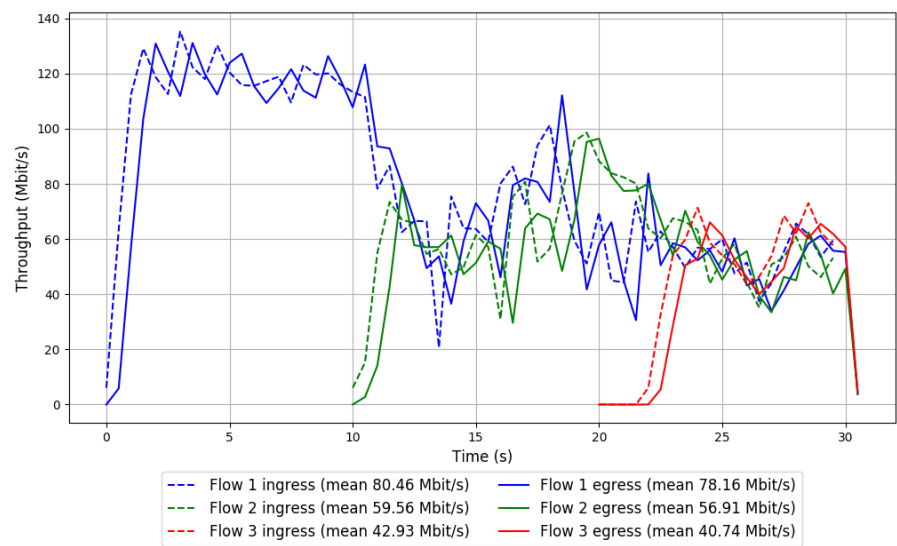


Run 2: Statistics of TaoVA-100x

Start at: 2018-07-24 15:32:26
End at: 2018-07-24 15:32:56
Local clock offset: 0.407 ms
Remote clock offset: -37.456 ms

Below is generated by plot.py at 2018-07-24 21:58:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 129.55 Mbit/s
95th percentile per-packet one-way delay: 79.449 ms
Loss rate: 3.56%
-- Flow 1:
Average throughput: 78.16 Mbit/s
95th percentile per-packet one-way delay: 75.659 ms
Loss rate: 2.85%
-- Flow 2:
Average throughput: 56.91 Mbit/s
95th percentile per-packet one-way delay: 84.673 ms
Loss rate: 4.45%
-- Flow 3:
Average throughput: 40.74 Mbit/s
95th percentile per-packet one-way delay: 76.546 ms
Loss rate: 5.09%

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

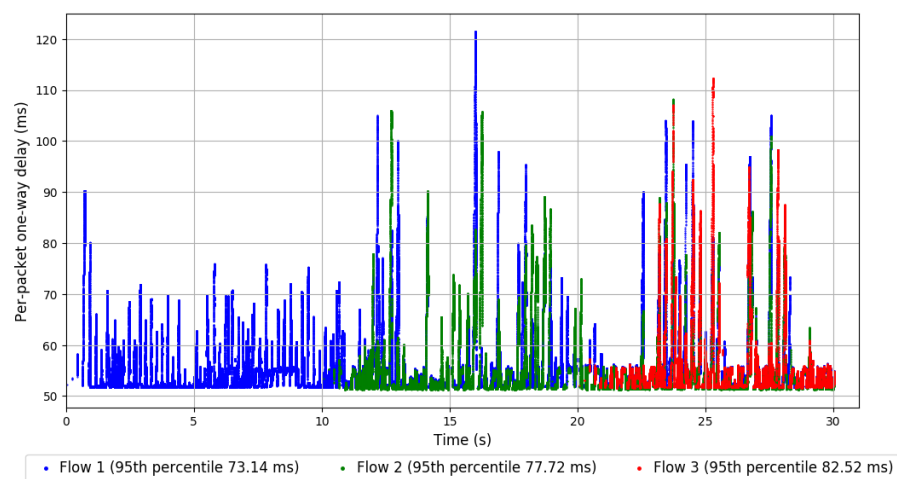
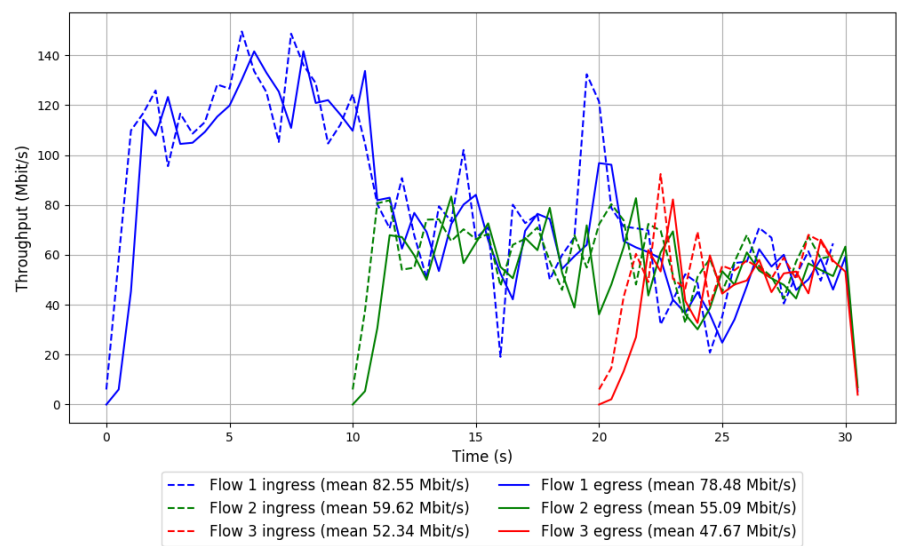


Run 3: Statistics of TaoVA-100x

Start at: 2018-07-24 16:07:50
End at: 2018-07-24 16:08:20
Local clock offset: 1.225 ms
Remote clock offset: -40.148 ms

Below is generated by plot.py at 2018-07-24 21:58:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 131.02 Mbit/s
95th percentile per-packet one-way delay: 75.840 ms
Loss rate: 6.18%
-- Flow 1:
Average throughput: 78.48 Mbit/s
95th percentile per-packet one-way delay: 73.145 ms
Loss rate: 4.92%
-- Flow 2:
Average throughput: 55.09 Mbit/s
95th percentile per-packet one-way delay: 77.718 ms
Loss rate: 7.60%
-- Flow 3:
Average throughput: 47.67 Mbit/s
95th percentile per-packet one-way delay: 82.516 ms
Loss rate: 8.90%

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

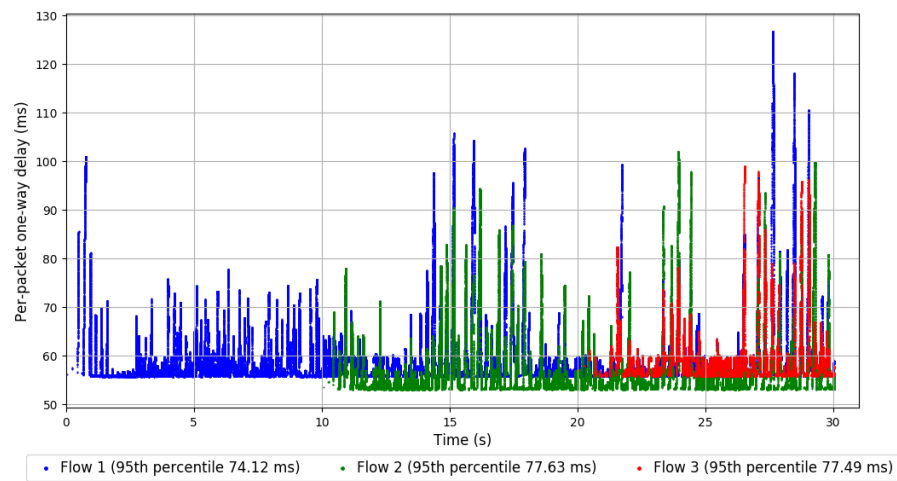
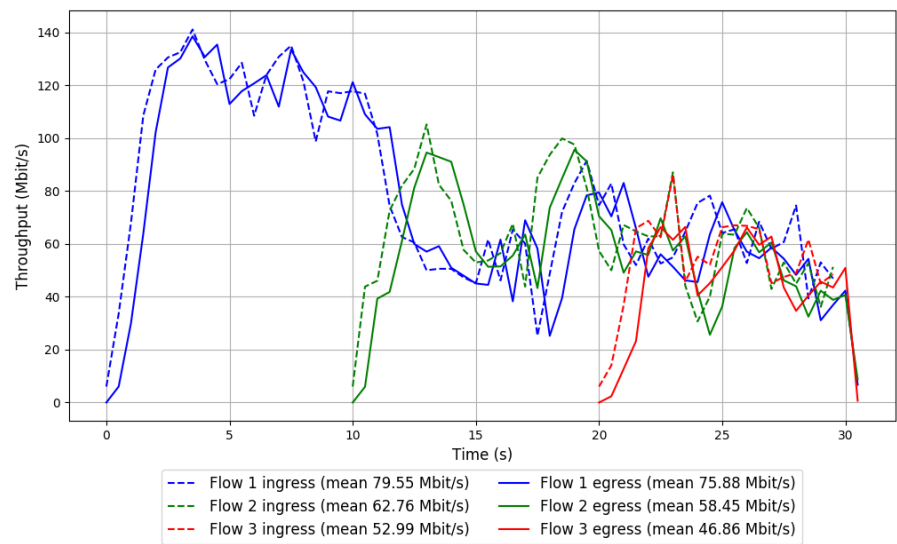


Run 4: Statistics of TaoVA-100x

Start at: 2018-07-24 16:38:26
End at: 2018-07-24 16:38:56
Local clock offset: 0.697 ms
Remote clock offset: -41.494 ms

Below is generated by plot.py at 2018-07-24 21:58:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 130.38 Mbit/s
95th percentile per-packet one-way delay: 75.876 ms
Loss rate: 6.18%
-- Flow 1:
Average throughput: 75.88 Mbit/s
95th percentile per-packet one-way delay: 74.124 ms
Loss rate: 4.63%
-- Flow 2:
Average throughput: 58.45 Mbit/s
95th percentile per-packet one-way delay: 77.630 ms
Loss rate: 6.85%
-- Flow 3:
Average throughput: 46.86 Mbit/s
95th percentile per-packet one-way delay: 77.493 ms
Loss rate: 11.58%

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

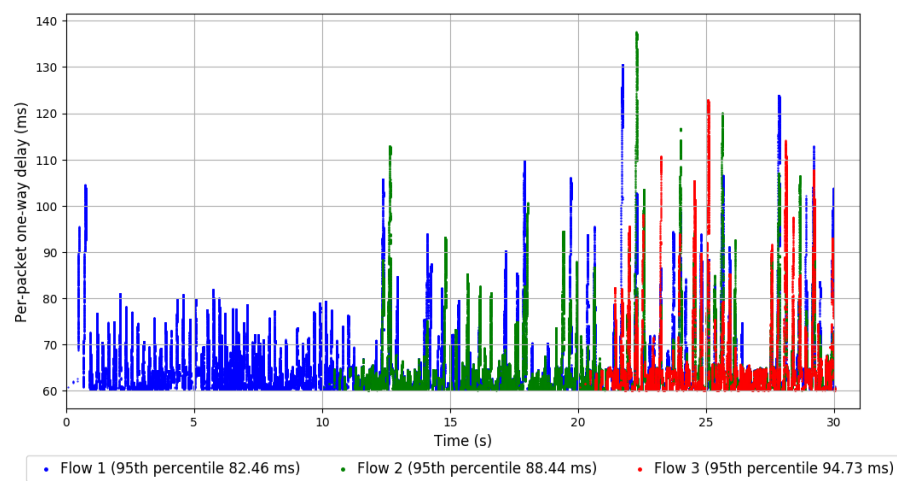
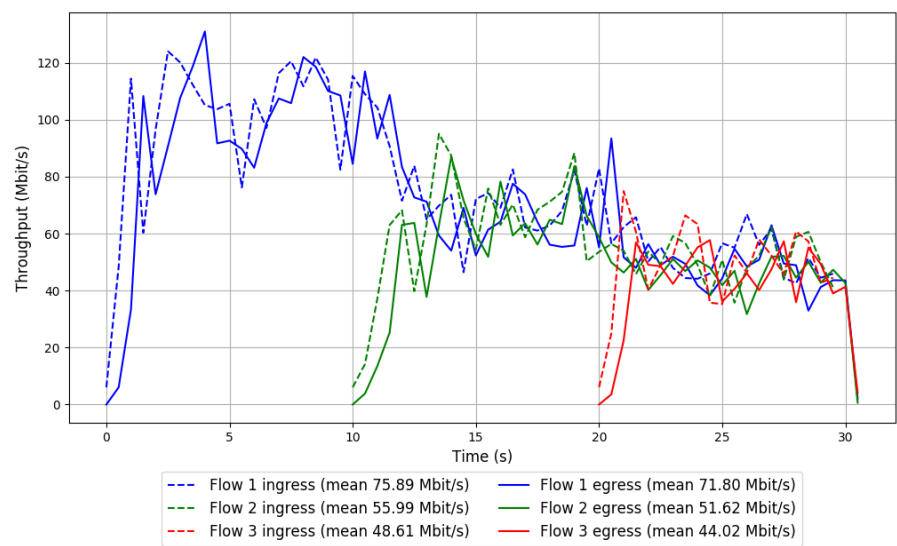


Run 5: Statistics of TaoVA-100x

Start at: 2018-07-24 17:18:04
End at: 2018-07-24 17:18:34
Local clock offset: 1.228 ms
Remote clock offset: -38.586 ms

Below is generated by plot.py at 2018-07-24 21:58:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 120.77 Mbit/s
95th percentile per-packet one-way delay: 86.569 ms
Loss rate: 6.59%
-- Flow 1:
Average throughput: 71.80 Mbit/s
95th percentile per-packet one-way delay: 82.460 ms
Loss rate: 5.40%
-- Flow 2:
Average throughput: 51.62 Mbit/s
95th percentile per-packet one-way delay: 88.443 ms
Loss rate: 7.80%
-- Flow 3:
Average throughput: 44.02 Mbit/s
95th percentile per-packet one-way delay: 94.734 ms
Loss rate: 9.44%

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

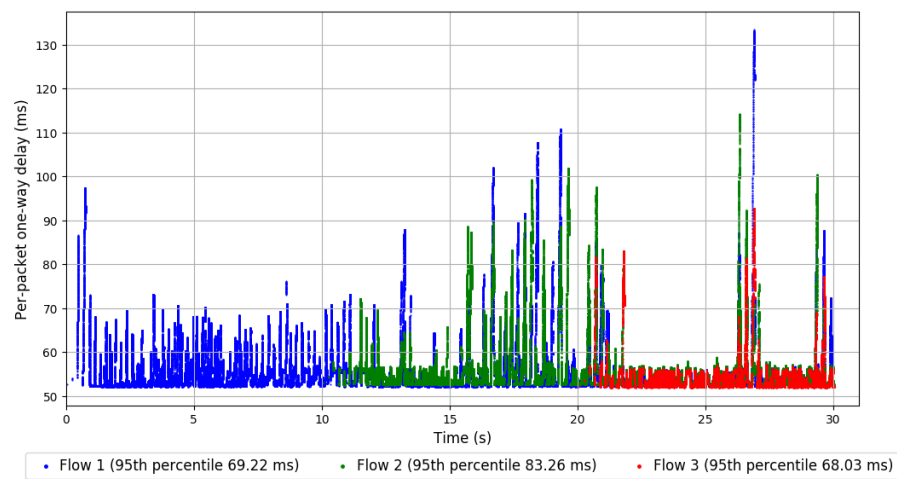
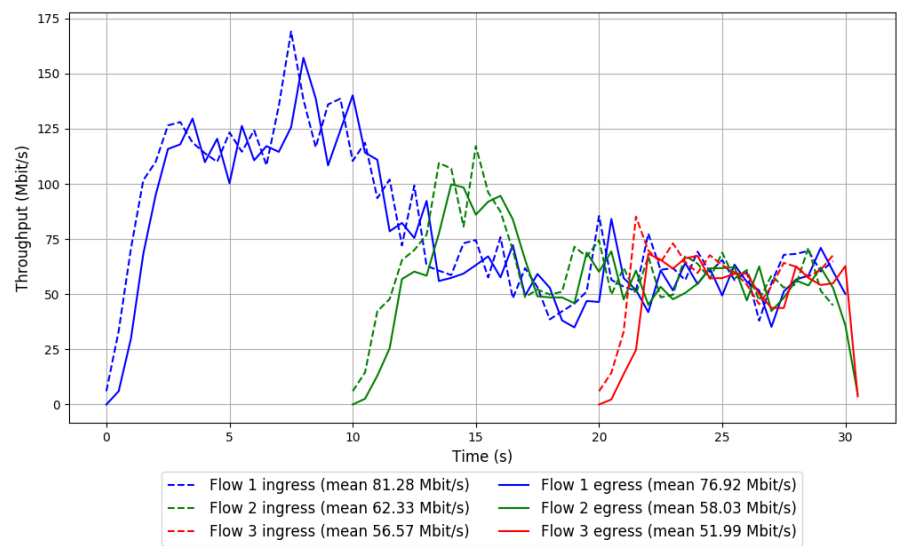


Run 6: Statistics of TaoVA-100x

Start at: 2018-07-24 17:48:11
End at: 2018-07-24 17:48:41
Local clock offset: -0.788 ms
Remote clock offset: -46.559 ms

Below is generated by plot.py at 2018-07-24 21:59:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 132.62 Mbit/s
95th percentile per-packet one-way delay: 73.436 ms
Loss rate: 6.17%
-- Flow 1:
Average throughput: 76.92 Mbit/s
95th percentile per-packet one-way delay: 69.220 ms
Loss rate: 5.35%
-- Flow 2:
Average throughput: 58.03 Mbit/s
95th percentile per-packet one-way delay: 83.260 ms
Loss rate: 6.90%
-- Flow 3:
Average throughput: 51.99 Mbit/s
95th percentile per-packet one-way delay: 68.026 ms
Loss rate: 8.10%

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

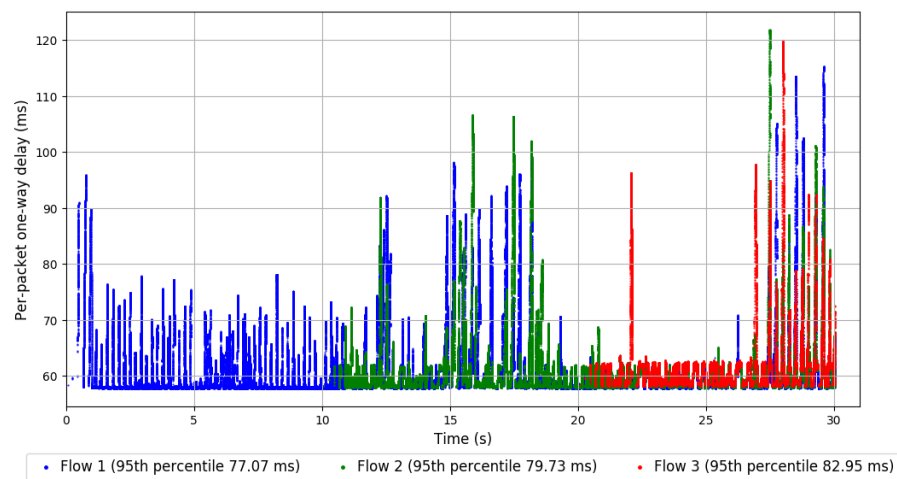
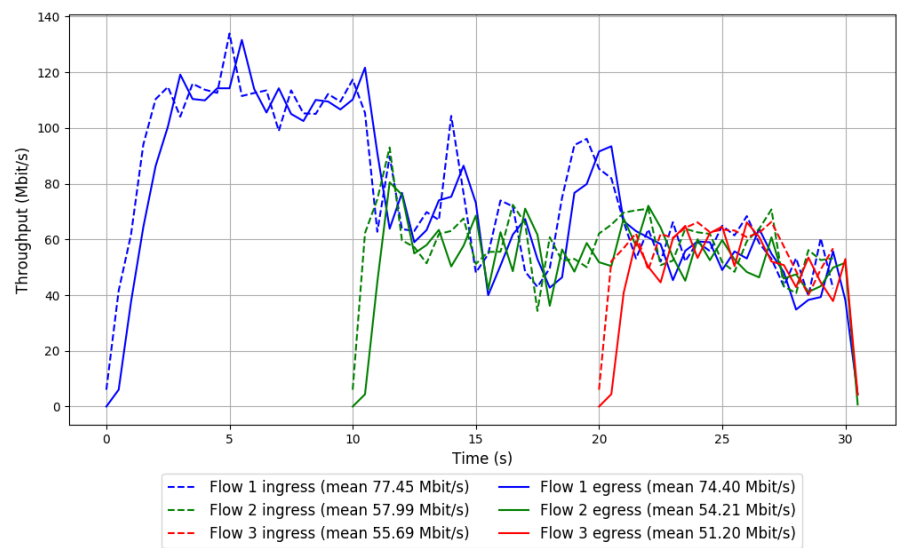


Run 7: Statistics of TaoVA-100x

Start at: 2018-07-24 18:46:01
End at: 2018-07-24 18:46:31
Local clock offset: -1.829 ms
Remote clock offset: -40.109 ms

Below is generated by plot.py at 2018-07-24 21:59:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 127.52 Mbit/s
95th percentile per-packet one-way delay: 78.564 ms
Loss rate: 5.22%
-- Flow 1:
Average throughput: 74.40 Mbit/s
95th percentile per-packet one-way delay: 77.070 ms
Loss rate: 3.93%
-- Flow 2:
Average throughput: 54.21 Mbit/s
95th percentile per-packet one-way delay: 79.730 ms
Loss rate: 6.48%
-- Flow 3:
Average throughput: 51.20 Mbit/s
95th percentile per-packet one-way delay: 82.953 ms
Loss rate: 8.03%

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

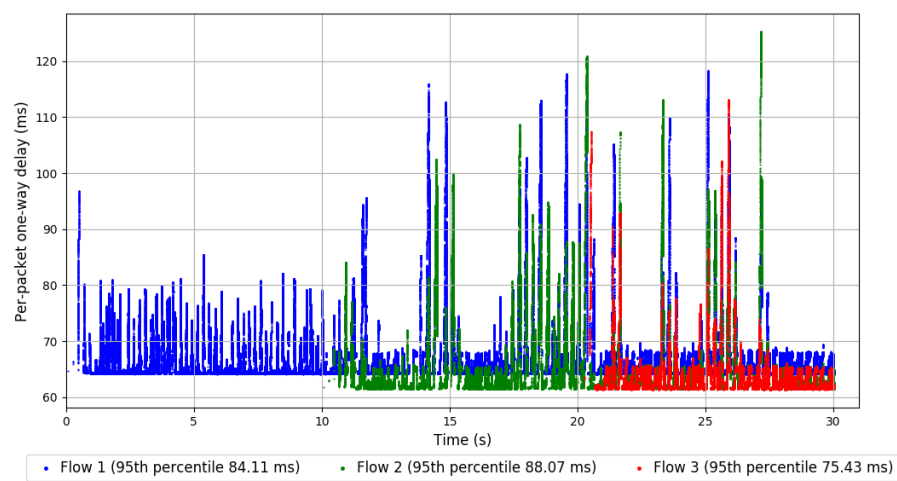
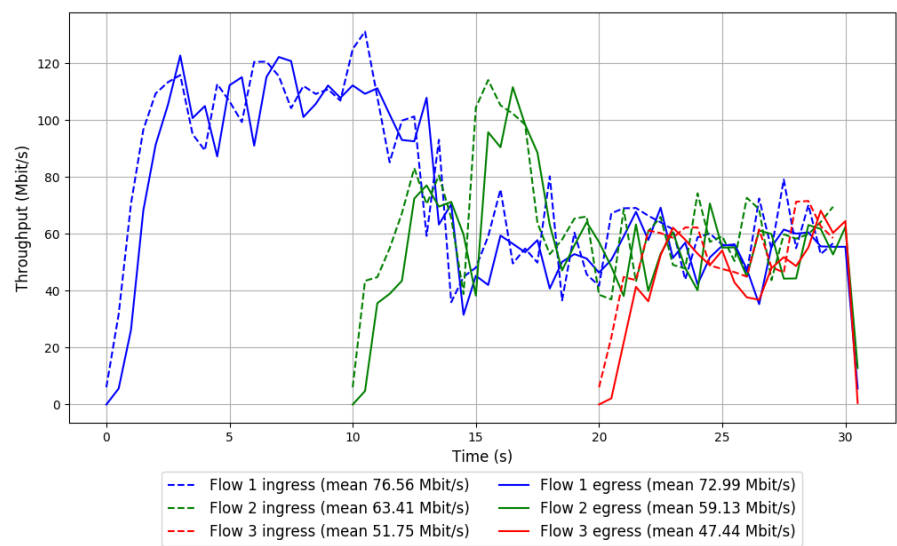


Run 8: Statistics of TaoVA-100x

Start at: 2018-07-24 19:31:35
End at: 2018-07-24 19:32:05
Local clock offset: -2.026 ms
Remote clock offset: -31.012 ms

```
# Below is generated by plot.py at 2018-07-24 22:00:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 128.11 Mbit/s
95th percentile per-packet one-way delay: 84.979 ms
Loss rate: 5.78%
-- Flow 1:
Average throughput: 72.99 Mbit/s
95th percentile per-packet one-way delay: 84.107 ms
Loss rate: 4.66%
-- Flow 2:
Average throughput: 59.13 Mbit/s
95th percentile per-packet one-way delay: 88.073 ms
Loss rate: 6.75%
-- Flow 3:
Average throughput: 47.44 Mbit/s
95th percentile per-packet one-way delay: 75.429 ms
Loss rate: 8.36%
```

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

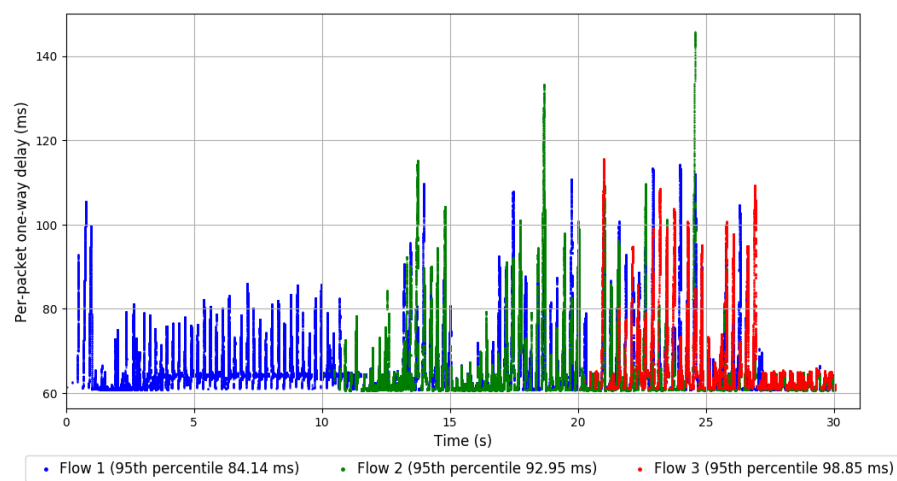
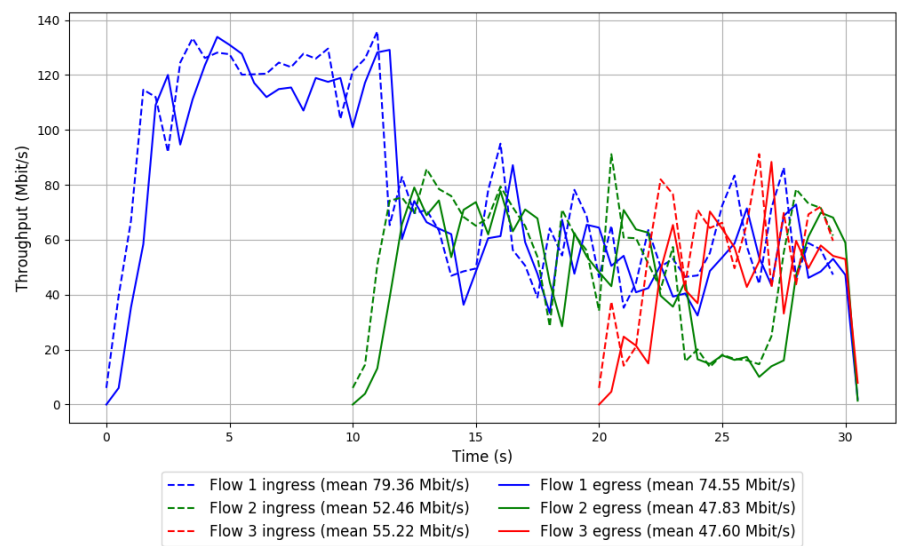


Run 9: Statistics of TaoVA-100x

Start at: 2018-07-24 20:19:08
End at: 2018-07-24 20:19:38
Local clock offset: -1.095 ms
Remote clock offset: -27.948 ms

Below is generated by plot.py at 2018-07-24 22:01:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 122.22 Mbit/s
95th percentile per-packet one-way delay: 89.387 ms
Loss rate: 7.87%
-- Flow 1:
Average throughput: 74.55 Mbit/s
95th percentile per-packet one-way delay: 84.138 ms
Loss rate: 6.07%
-- Flow 2:
Average throughput: 47.83 Mbit/s
95th percentile per-packet one-way delay: 92.947 ms
Loss rate: 8.85%
-- Flow 3:
Average throughput: 47.60 Mbit/s
95th percentile per-packet one-way delay: 98.850 ms
Loss rate: 13.80%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-07-24 21:11:51

End at: 2018-07-24 21:12:21

Local clock offset: 2.253 ms

Remote clock offset: -25.574 ms

Below is generated by plot.py at 2018-07-24 22:01:17

Datalink statistics

-- Total of 3 flows:

Average throughput: 116.47 Mbit/s

95th percentile per-packet one-way delay: 91.845 ms

Loss rate: 6.45%

-- Flow 1:

Average throughput: 67.56 Mbit/s

95th percentile per-packet one-way delay: 92.490 ms

Loss rate: 4.79%

-- Flow 2:

Average throughput: 54.37 Mbit/s

95th percentile per-packet one-way delay: 91.844 ms

Loss rate: 8.43%

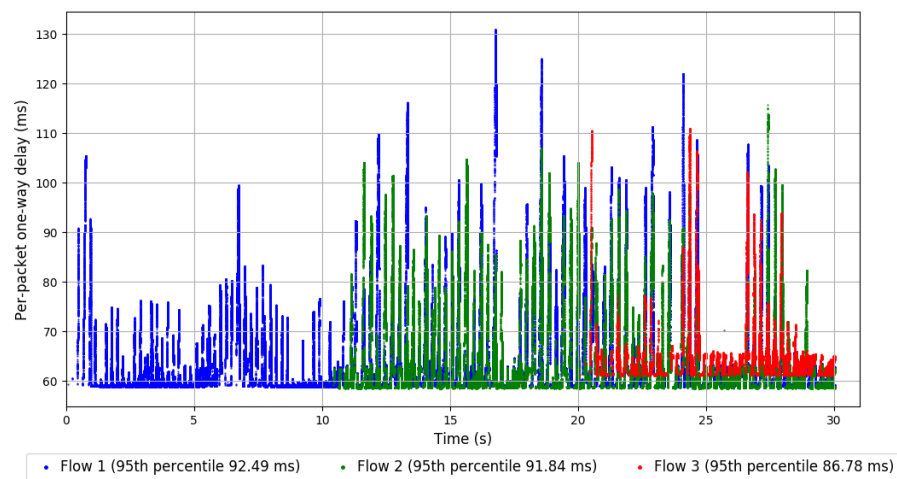
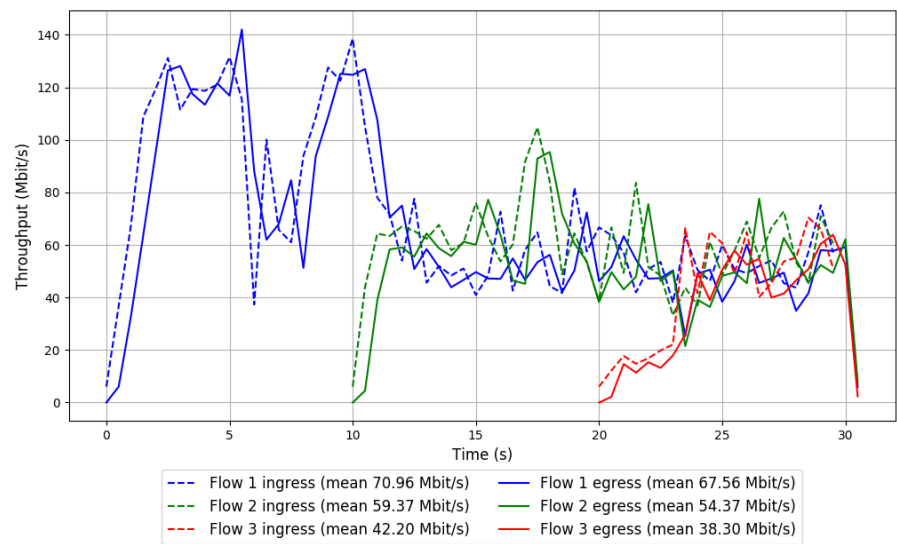
-- Flow 3:

Average throughput: 38.30 Mbit/s

95th percentile per-packet one-way delay: 86.785 ms

Loss rate: 9.22%

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

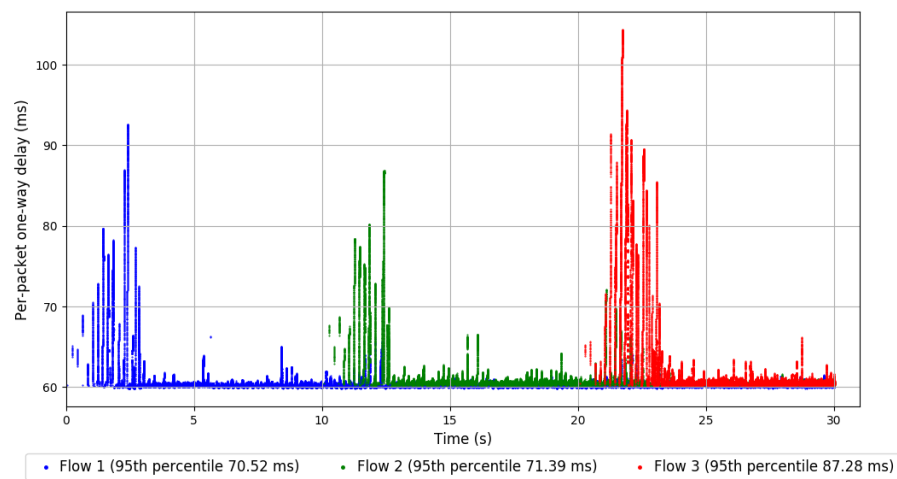
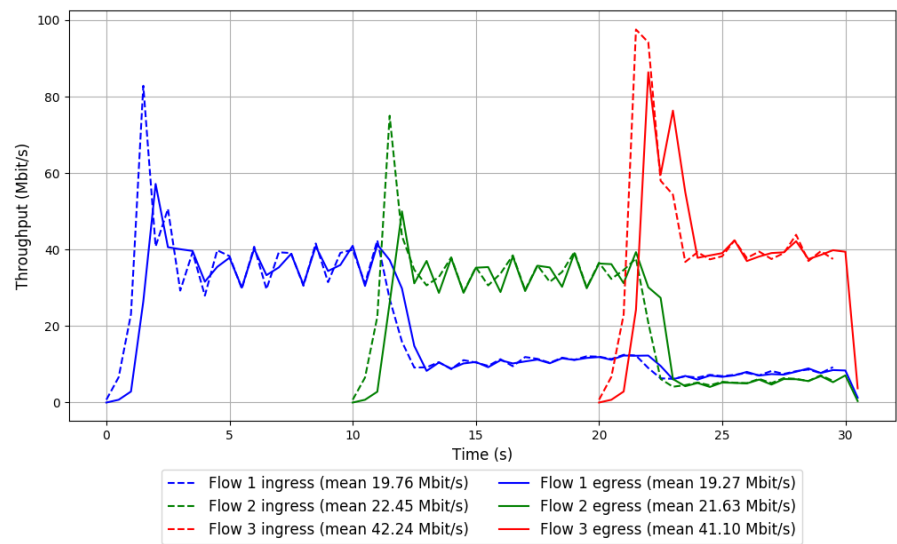


Run 1: Statistics of TCP Vegas

Start at: 2018-07-24 14:43:58
End at: 2018-07-24 14:44:28
Local clock offset: -0.09 ms
Remote clock offset: -29.552 ms

Below is generated by plot.py at 2018-07-24 22:01:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 47.31 Mbit/s
95th percentile per-packet one-way delay: 77.975 ms
Loss rate: 2.91%
-- Flow 1:
Average throughput: 19.27 Mbit/s
95th percentile per-packet one-way delay: 70.523 ms
Loss rate: 2.51%
-- Flow 2:
Average throughput: 21.63 Mbit/s
95th percentile per-packet one-way delay: 71.394 ms
Loss rate: 3.62%
-- Flow 3:
Average throughput: 41.10 Mbit/s
95th percentile per-packet one-way delay: 87.279 ms
Loss rate: 2.70%

Run 1: Report of TCP Vegas — Data Link

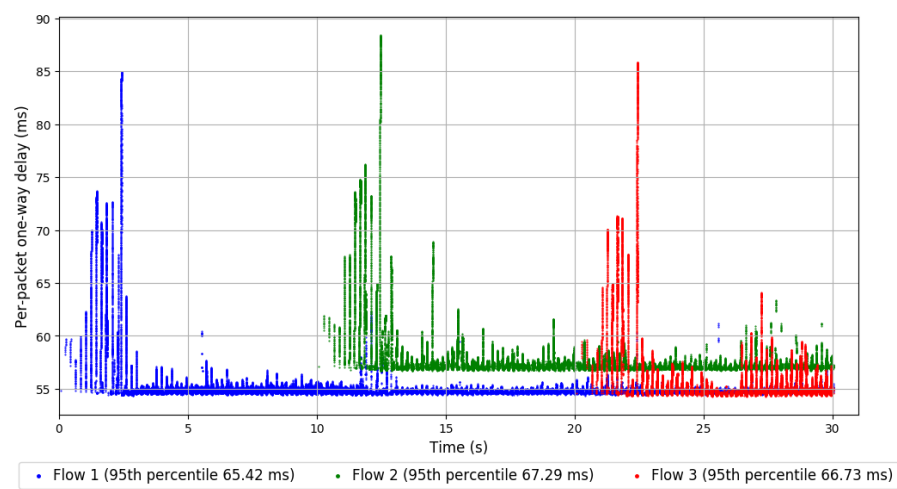
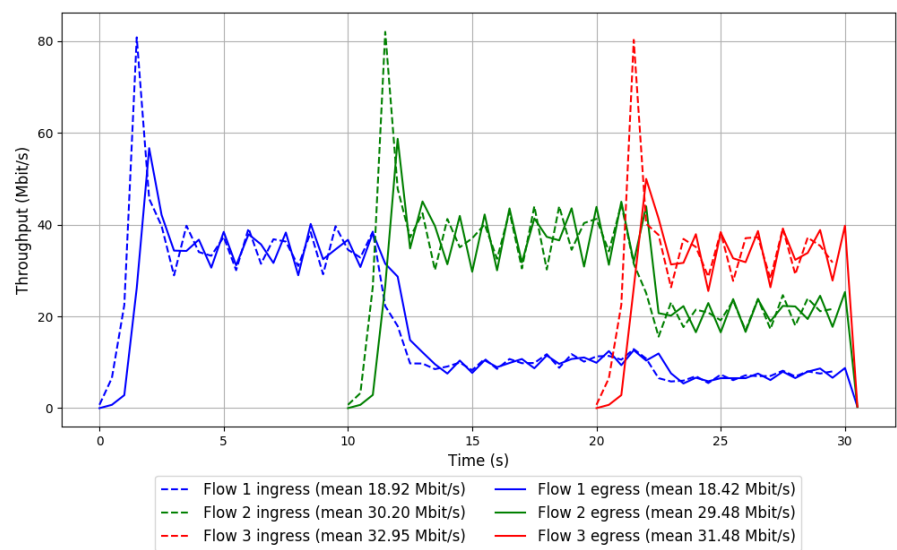


Run 2: Statistics of TCP Vegas

Start at: 2018-07-24 15:13:55
End at: 2018-07-24 15:14:25
Local clock offset: -0.82 ms
Remote clock offset: -35.909 ms

Below is generated by plot.py at 2018-07-24 22:01:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.50 Mbit/s
95th percentile per-packet one-way delay: 66.329 ms
Loss rate: 2.94%
-- Flow 1:
Average throughput: 18.42 Mbit/s
95th percentile per-packet one-way delay: 65.419 ms
Loss rate: 2.65%
-- Flow 2:
Average throughput: 29.48 Mbit/s
95th percentile per-packet one-way delay: 67.287 ms
Loss rate: 2.39%
-- Flow 3:
Average throughput: 31.48 Mbit/s
95th percentile per-packet one-way delay: 66.733 ms
Loss rate: 4.45%

Run 2: Report of TCP Vegas — Data Link

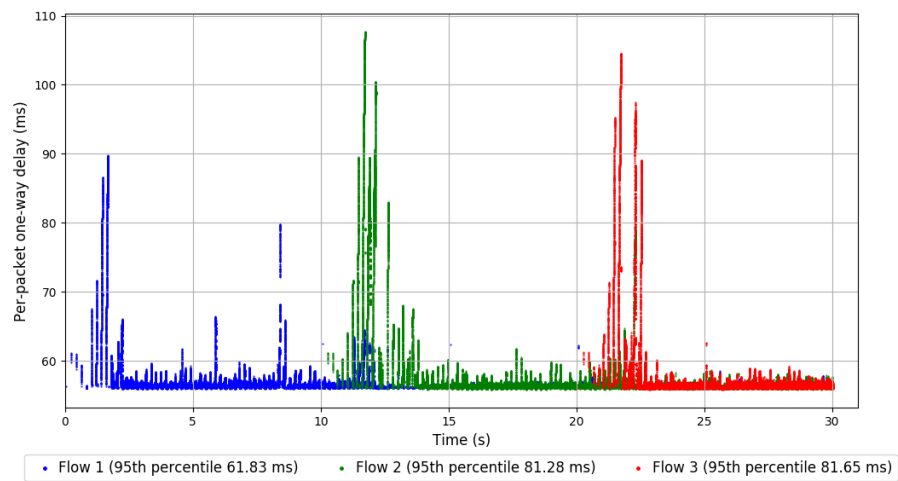
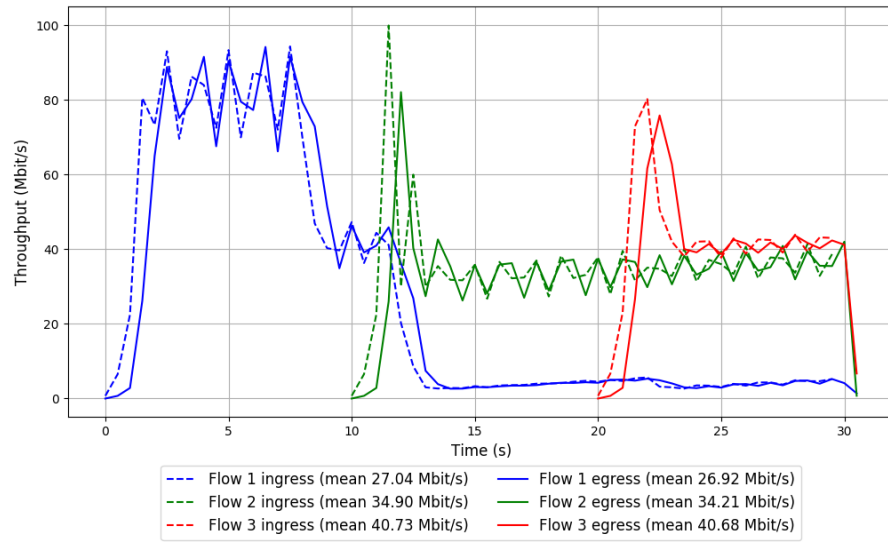


Run 3: Statistics of TCP Vegas

Start at: 2018-07-24 15:49:37
End at: 2018-07-24 15:50:07
Local clock offset: -2.404 ms
Remote clock offset: -37.882 ms

Below is generated by plot.py at 2018-07-24 22:01:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 63.22 Mbit/s
95th percentile per-packet one-way delay: 74.290 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 26.92 Mbit/s
95th percentile per-packet one-way delay: 61.826 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 34.21 Mbit/s
95th percentile per-packet one-way delay: 81.285 ms
Loss rate: 1.99%
-- Flow 3:
Average throughput: 40.68 Mbit/s
95th percentile per-packet one-way delay: 81.649 ms
Loss rate: 0.11%

Run 3: Report of TCP Vegas — Data Link

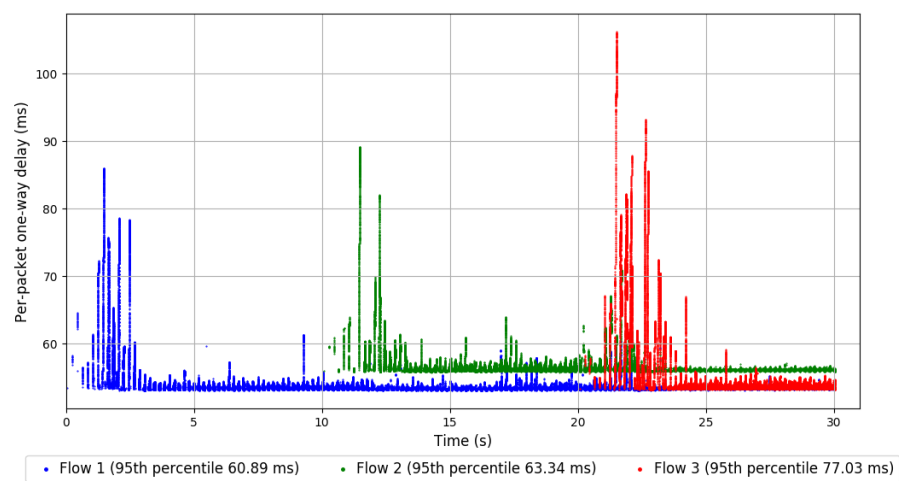
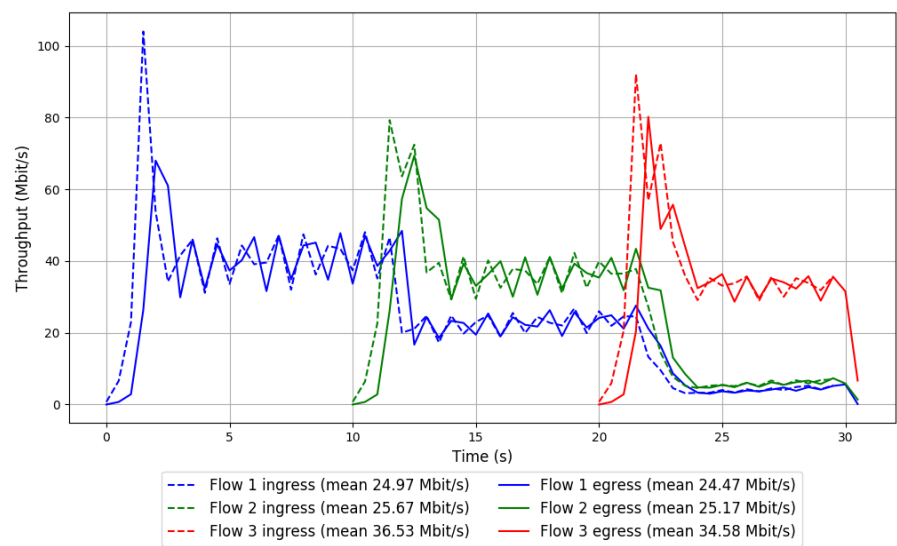


Run 4: Statistics of TCP Vegas

Start at: 2018-07-24 16:19:24
End at: 2018-07-24 16:19:54
Local clock offset: 1.183 ms
Remote clock offset: -39.718 ms

Below is generated by plot.py at 2018-07-24 22:01:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 52.71 Mbit/s
95th percentile per-packet one-way delay: 68.524 ms
Loss rate: 2.72%
-- Flow 1:
Average throughput: 24.47 Mbit/s
95th percentile per-packet one-way delay: 60.889 ms
Loss rate: 1.97%
-- Flow 2:
Average throughput: 25.17 Mbit/s
95th percentile per-packet one-way delay: 63.339 ms
Loss rate: 1.97%
-- Flow 3:
Average throughput: 34.58 Mbit/s
95th percentile per-packet one-way delay: 77.025 ms
Loss rate: 5.33%

Run 4: Report of TCP Vegas — Data Link

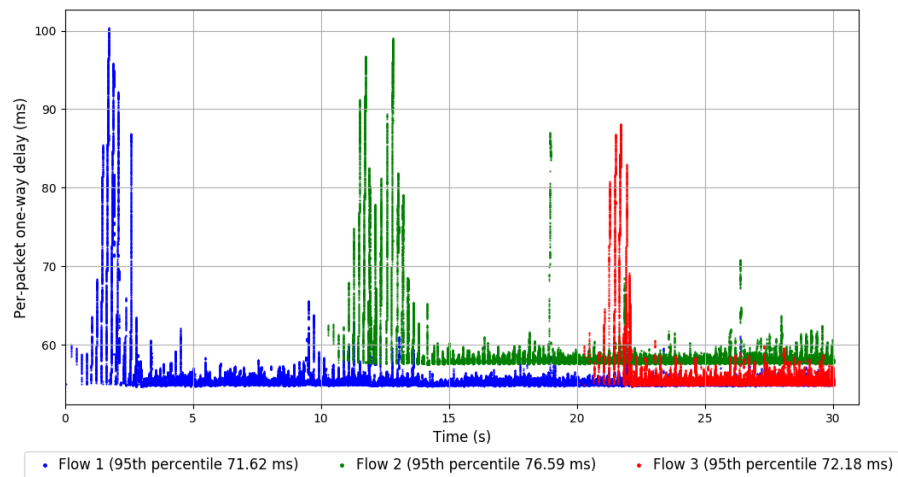
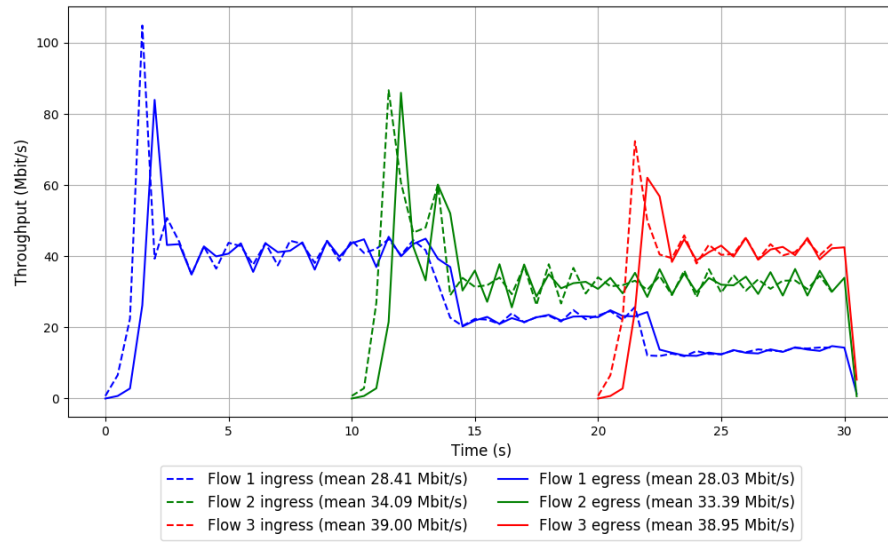


Run 5: Statistics of TCP Vegas

Start at: 2018-07-24 16:59:33
End at: 2018-07-24 17:00:03
Local clock offset: -0.748 ms
Remote clock offset: -42.463 ms

Below is generated by plot.py at 2018-07-24 22:01:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 63.21 Mbit/s
95th percentile per-packet one-way delay: 74.871 ms
Loss rate: 1.36%
-- Flow 1:
Average throughput: 28.03 Mbit/s
95th percentile per-packet one-way delay: 71.619 ms
Loss rate: 1.35%
-- Flow 2:
Average throughput: 33.39 Mbit/s
95th percentile per-packet one-way delay: 76.592 ms
Loss rate: 2.09%
-- Flow 3:
Average throughput: 38.95 Mbit/s
95th percentile per-packet one-way delay: 72.182 ms
Loss rate: 0.13%

Run 5: Report of TCP Vegas — Data Link

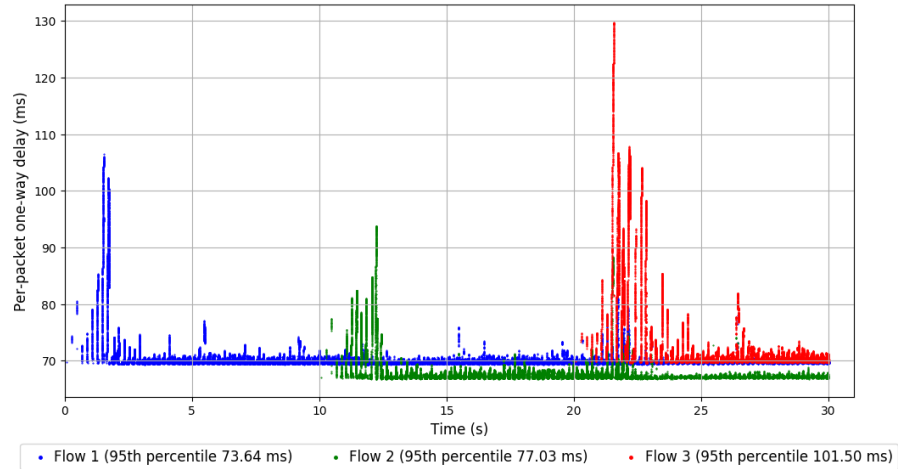
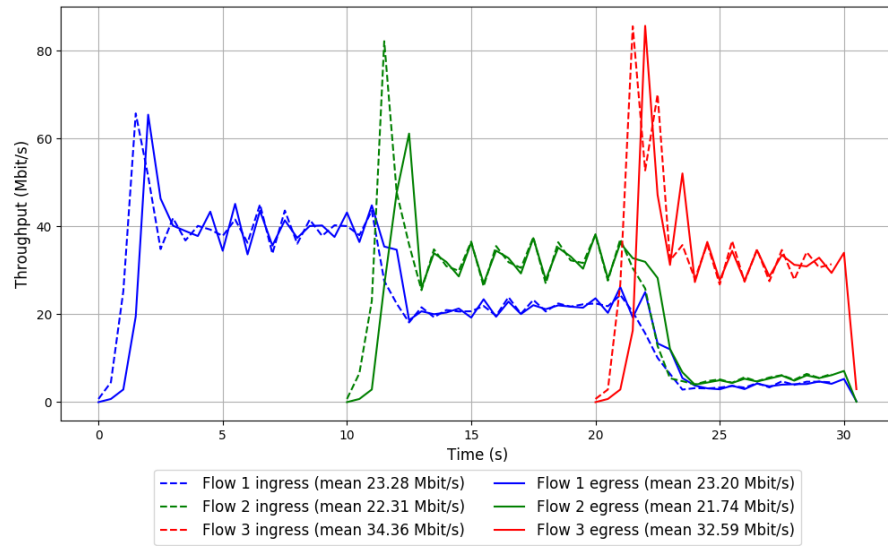


Run 6: Statistics of TCP Vegas

Start at: 2018-07-24 17:35:15
End at: 2018-07-24 17:35:45
Local clock offset: -1.147 ms
Remote clock offset: -32.193 ms

```
# Below is generated by plot.py at 2018-07-24 22:01:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.48 Mbit/s
95th percentile per-packet one-way delay: 83.841 ms
Loss rate: 2.10%
-- Flow 1:
Average throughput: 23.20 Mbit/s
95th percentile per-packet one-way delay: 73.640 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 21.74 Mbit/s
95th percentile per-packet one-way delay: 77.033 ms
Loss rate: 2.53%
-- Flow 3:
Average throughput: 32.59 Mbit/s
95th percentile per-packet one-way delay: 101.499 ms
Loss rate: 5.14%
```

Run 6: Report of TCP Vegas — Data Link

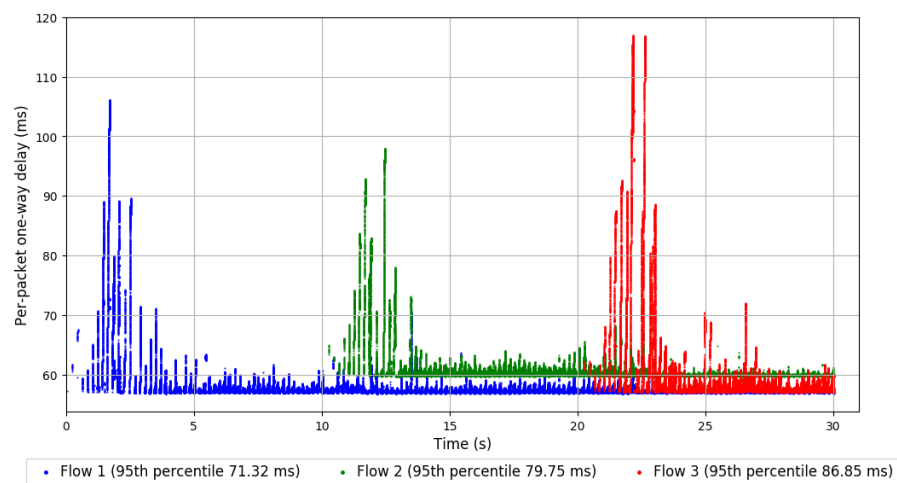
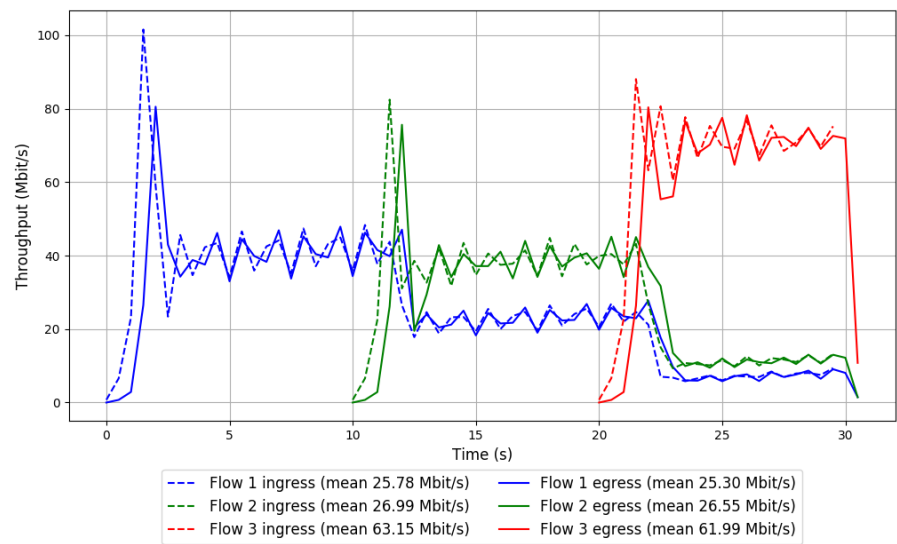


Run 7: Statistics of TCP Vegas

Start at: 2018-07-24 18:16:18
End at: 2018-07-24 18:16:48
Local clock offset: 0.08 ms
Remote clock offset: -41.134 ms

Below is generated by plot.py at 2018-07-24 22:01:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 63.58 Mbit/s
95th percentile per-packet one-way delay: 79.117 ms
Loss rate: 1.79%
-- Flow 1:
Average throughput: 25.30 Mbit/s
95th percentile per-packet one-way delay: 71.320 ms
Loss rate: 1.85%
-- Flow 2:
Average throughput: 26.55 Mbit/s
95th percentile per-packet one-way delay: 79.747 ms
Loss rate: 1.63%
-- Flow 3:
Average throughput: 61.99 Mbit/s
95th percentile per-packet one-way delay: 86.852 ms
Loss rate: 1.84%

Run 7: Report of TCP Vegas — Data Link

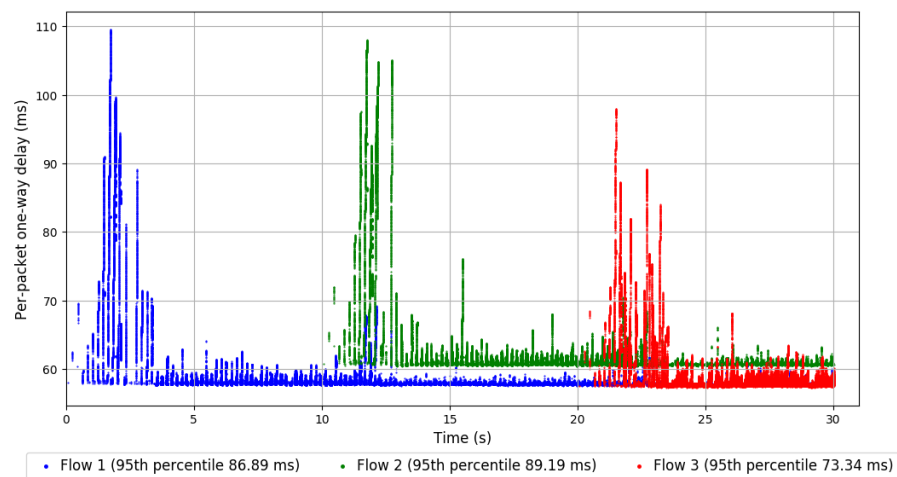
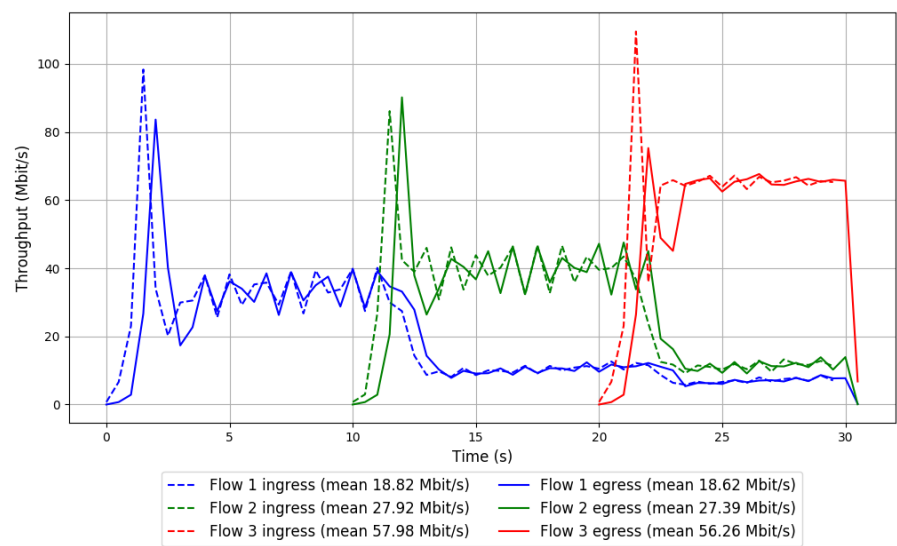


Run 8: Statistics of TCP Vegas

Start at: 2018-07-24 19:08:52
End at: 2018-07-24 19:09:22
Local clock offset: -1.856 ms
Remote clock offset: -37.961 ms

Below is generated by plot.py at 2018-07-24 22:01:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 55.56 Mbit/s
95th percentile per-packet one-way delay: 83.761 ms
Loss rate: 1.99%
-- Flow 1:
Average throughput: 18.62 Mbit/s
95th percentile per-packet one-way delay: 86.890 ms
Loss rate: 1.09%
-- Flow 2:
Average throughput: 27.39 Mbit/s
95th percentile per-packet one-way delay: 89.189 ms
Loss rate: 1.89%
-- Flow 3:
Average throughput: 56.26 Mbit/s
95th percentile per-packet one-way delay: 73.341 ms
Loss rate: 2.96%

Run 8: Report of TCP Vegas — Data Link

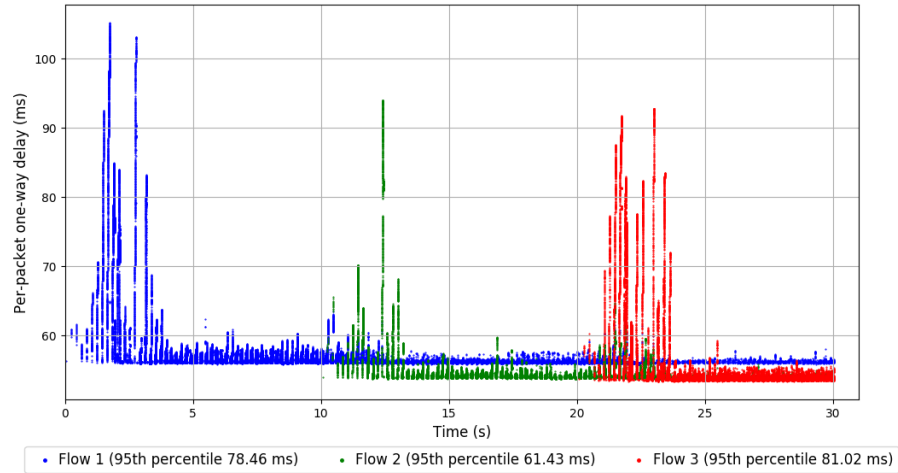
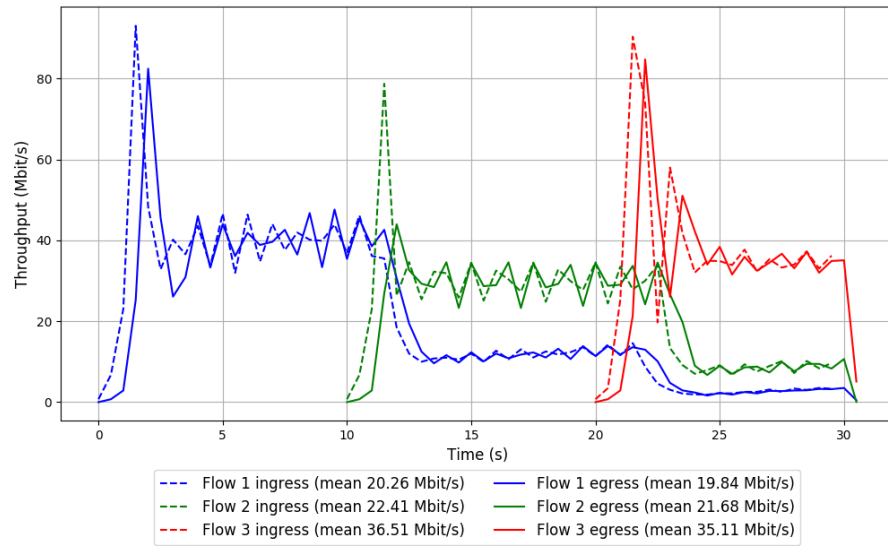


Run 9: Statistics of TCP Vegas

Start at: 2018-07-24 19:48:58
End at: 2018-07-24 19:49:28
Local clock offset: 1.77 ms
Remote clock offset: -33.542 ms

Below is generated by plot.py at 2018-07-24 22:01:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 45.93 Mbit/s
95th percentile per-packet one-way delay: 75.741 ms
Loss rate: 2.90%
-- Flow 1:
Average throughput: 19.84 Mbit/s
95th percentile per-packet one-way delay: 78.456 ms
Loss rate: 2.09%
-- Flow 2:
Average throughput: 21.68 Mbit/s
95th percentile per-packet one-way delay: 61.426 ms
Loss rate: 3.22%
-- Flow 3:
Average throughput: 35.11 Mbit/s
95th percentile per-packet one-way delay: 81.015 ms
Loss rate: 3.85%

Run 9: Report of TCP Vegas — Data Link

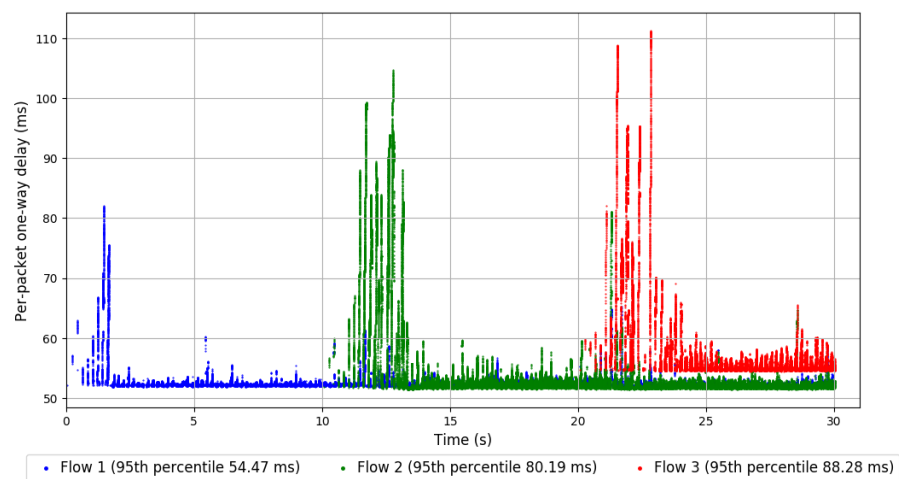
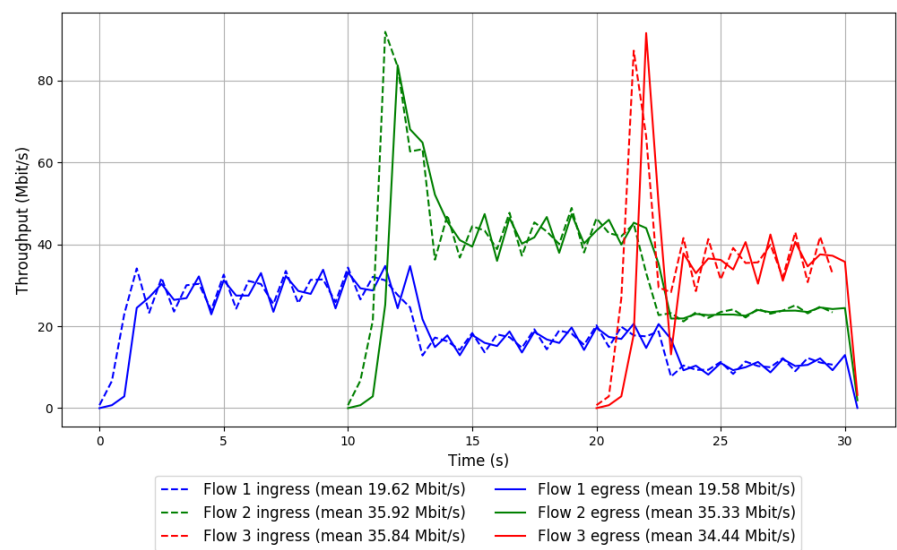


Run 10: Statistics of TCP Vegas

Start at: 2018-07-24 20:53:31
End at: 2018-07-24 20:54:01
Local clock offset: -0.757 ms
Remote clock offset: -36.02 ms

Below is generated by plot.py at 2018-07-24 22:01:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 54.56 Mbit/s
95th percentile per-packet one-way delay: 76.709 ms
Loss rate: 1.62%
-- Flow 1:
Average throughput: 19.58 Mbit/s
95th percentile per-packet one-way delay: 54.473 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 35.33 Mbit/s
95th percentile per-packet one-way delay: 80.193 ms
Loss rate: 1.63%
-- Flow 3:
Average throughput: 34.44 Mbit/s
95th percentile per-packet one-way delay: 88.285 ms
Loss rate: 3.93%

Run 10: Report of TCP Vegas — Data Link

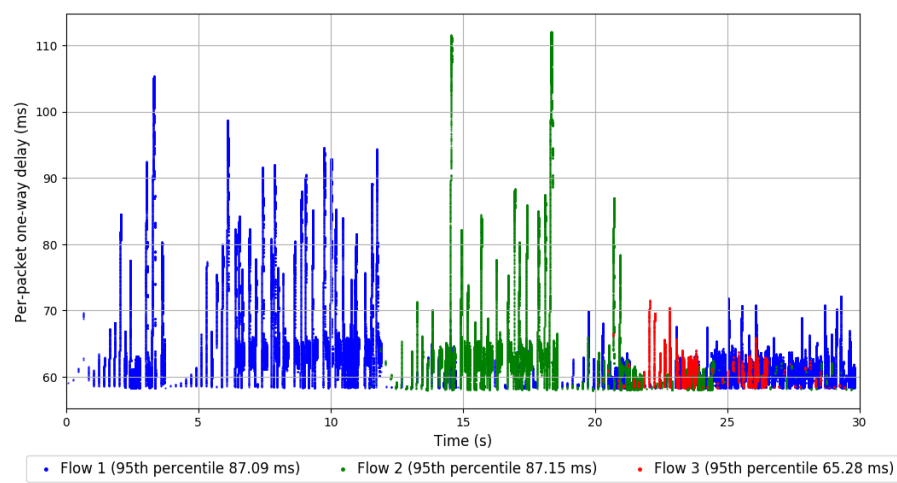
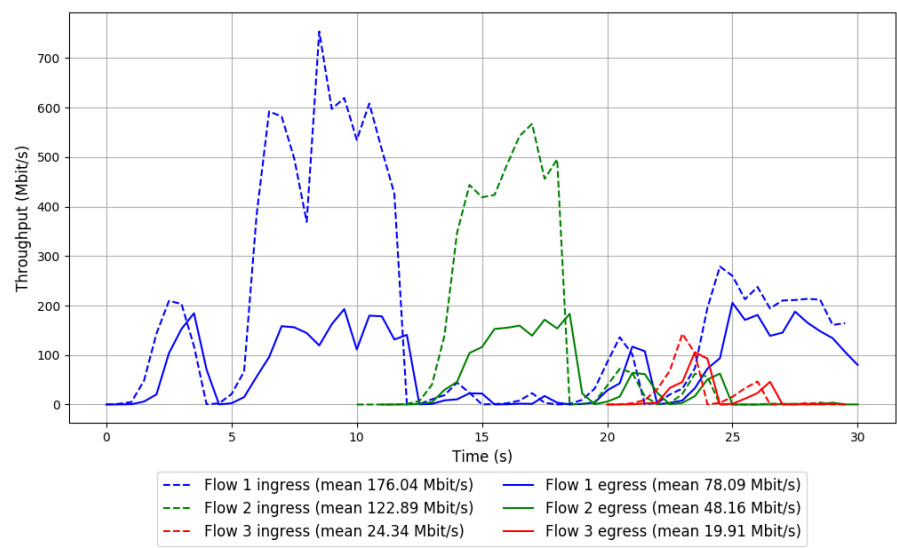


Run 1: Statistics of Verus

Start at: 2018-07-24 14:41:14
End at: 2018-07-24 14:41:44
Local clock offset: 1.788 ms
Remote clock offset: -29.472 ms

Below is generated by plot.py at 2018-07-24 22:01:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 113.77 Mbit/s
95th percentile per-packet one-way delay: 86.752 ms
Loss rate: 56.75%
-- Flow 1:
Average throughput: 78.09 Mbit/s
95th percentile per-packet one-way delay: 87.090 ms
Loss rate: 55.64%
-- Flow 2:
Average throughput: 48.16 Mbit/s
95th percentile per-packet one-way delay: 87.154 ms
Loss rate: 62.85%
-- Flow 3:
Average throughput: 19.91 Mbit/s
95th percentile per-packet one-way delay: 65.277 ms
Loss rate: 19.85%

Run 1: Report of Verus — Data Link

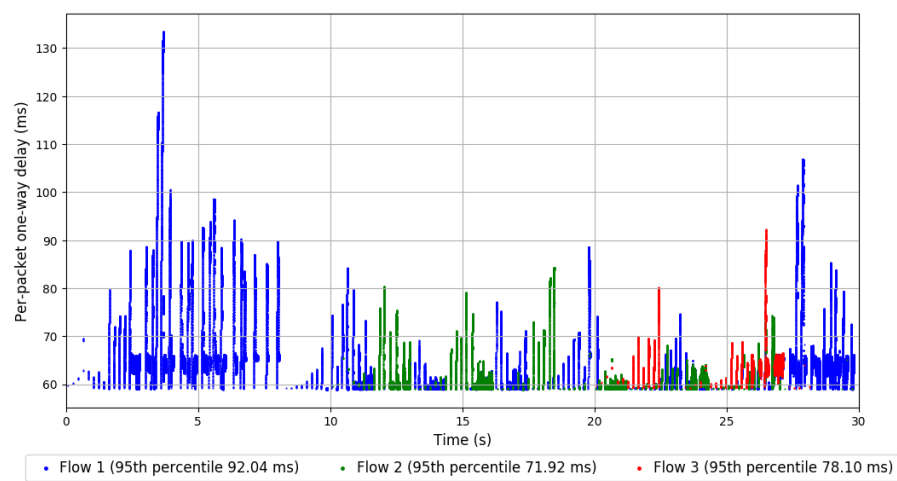
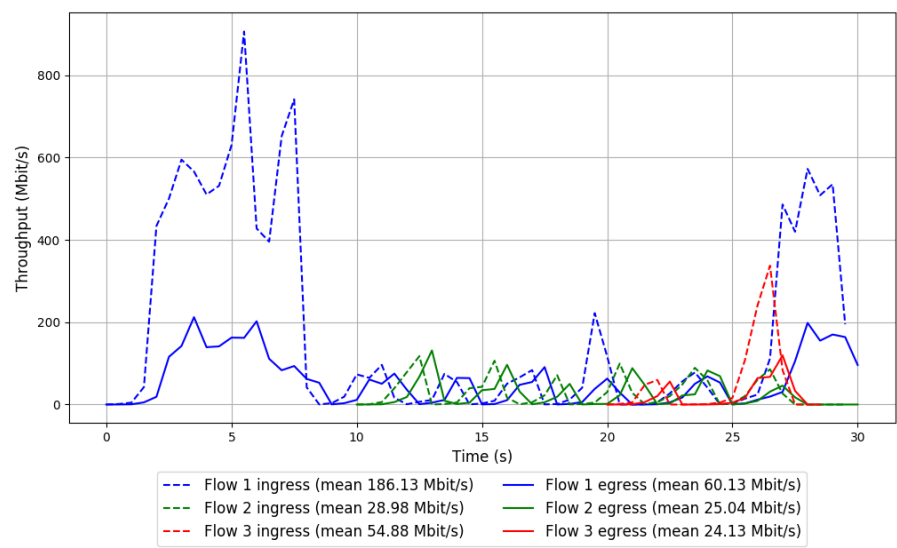


Run 2: Statistics of Verus

Start at: 2018-07-24 15:11:11
End at: 2018-07-24 15:11:41
Local clock offset: -0.925 ms
Remote clock offset: -31.357 ms

Below is generated by plot.py at 2018-07-24 22:01:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.21 Mbit/s
95th percentile per-packet one-way delay: 89.452 ms
Loss rate: 62.26%
-- Flow 1:
Average throughput: 60.13 Mbit/s
95th percentile per-packet one-way delay: 92.036 ms
Loss rate: 67.69%
-- Flow 2:
Average throughput: 25.04 Mbit/s
95th percentile per-packet one-way delay: 71.915 ms
Loss rate: 13.58%
-- Flow 3:
Average throughput: 24.13 Mbit/s
95th percentile per-packet one-way delay: 78.097 ms
Loss rate: 57.06%

Run 2: Report of Verus — Data Link

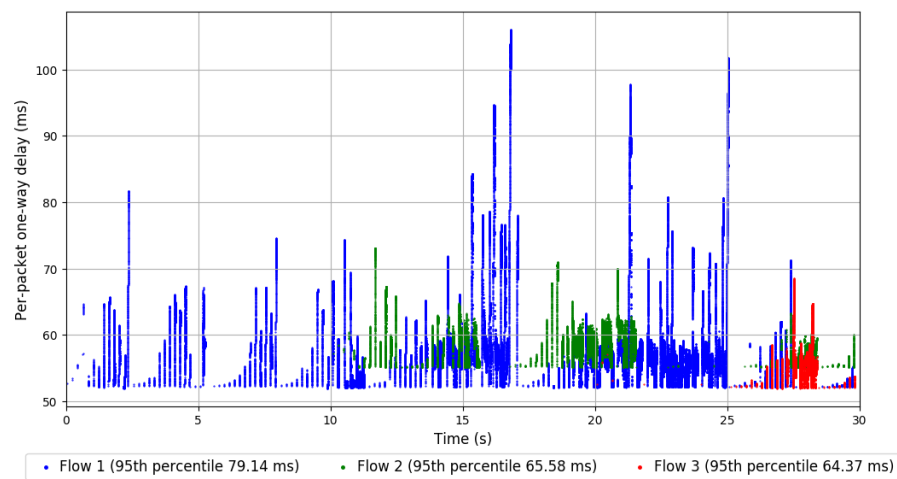
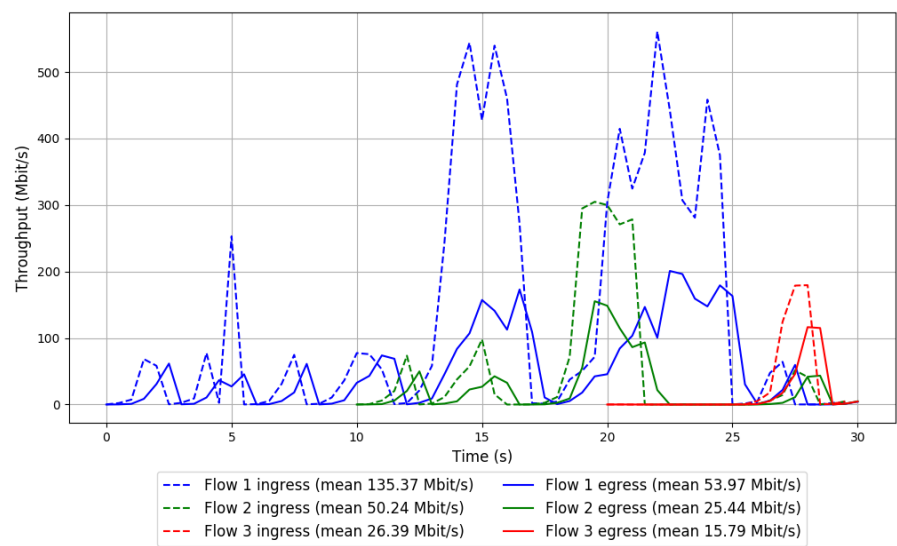


Run 3: Statistics of Verus

Start at: 2018-07-24 15:46:57
End at: 2018-07-24 15:47:27
Local clock offset: -1.586 ms
Remote clock offset: -40.71 ms

Below is generated by plot.py at 2018-07-24 22:01:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.83 Mbit/s
95th percentile per-packet one-way delay: 75.732 ms
Loss rate: 57.13%
-- Flow 1:
Average throughput: 53.97 Mbit/s
95th percentile per-packet one-way delay: 79.143 ms
Loss rate: 60.13%
-- Flow 2:
Average throughput: 25.44 Mbit/s
95th percentile per-packet one-way delay: 65.580 ms
Loss rate: 49.37%
-- Flow 3:
Average throughput: 15.79 Mbit/s
95th percentile per-packet one-way delay: 64.368 ms
Loss rate: 40.15%

Run 3: Report of Verus — Data Link

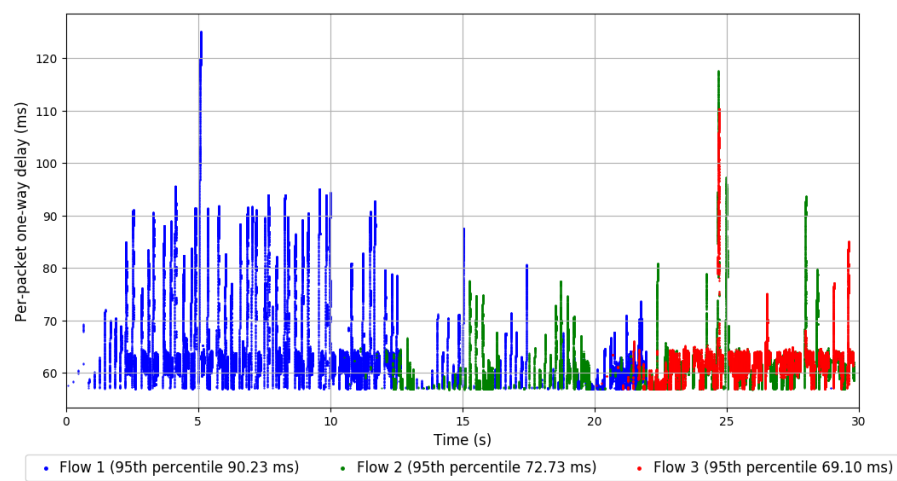
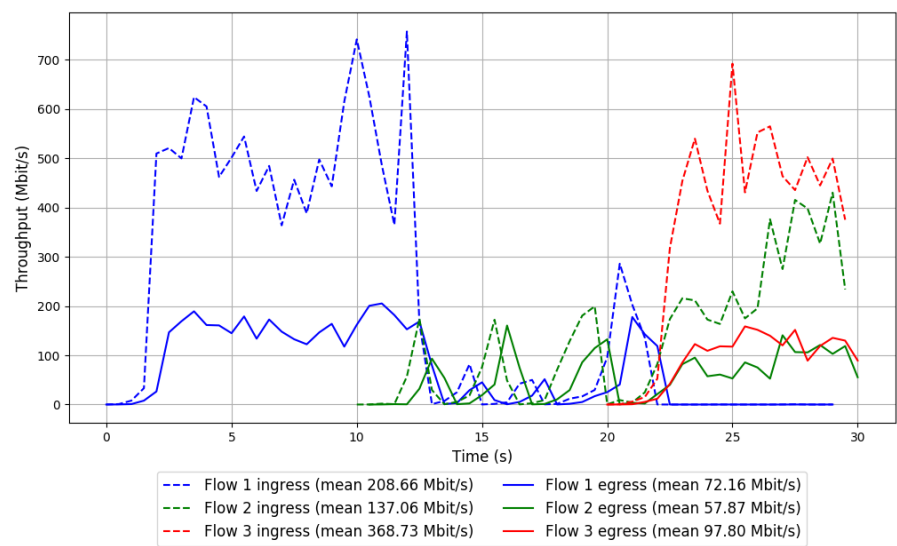


Run 4: Statistics of Verus

Start at: 2018-07-24 16:16:38
End at: 2018-07-24 16:17:08
Local clock offset: -0.583 ms
Remote clock offset: -40.155 ms

Below is generated by plot.py at 2018-07-24 22:03:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 139.40 Mbit/s
95th percentile per-packet one-way delay: 88.372 ms
Loss rate: 66.23%
-- Flow 1:
Average throughput: 72.16 Mbit/s
95th percentile per-packet one-way delay: 90.227 ms
Loss rate: 65.65%
-- Flow 2:
Average throughput: 57.87 Mbit/s
95th percentile per-packet one-way delay: 72.732 ms
Loss rate: 57.79%
-- Flow 3:
Average throughput: 97.80 Mbit/s
95th percentile per-packet one-way delay: 69.099 ms
Loss rate: 73.46%

Run 4: Report of Verus — Data Link

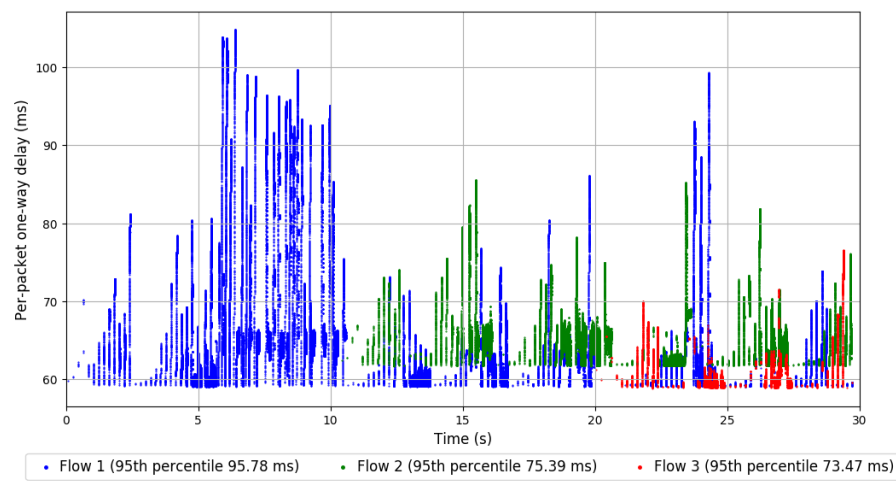
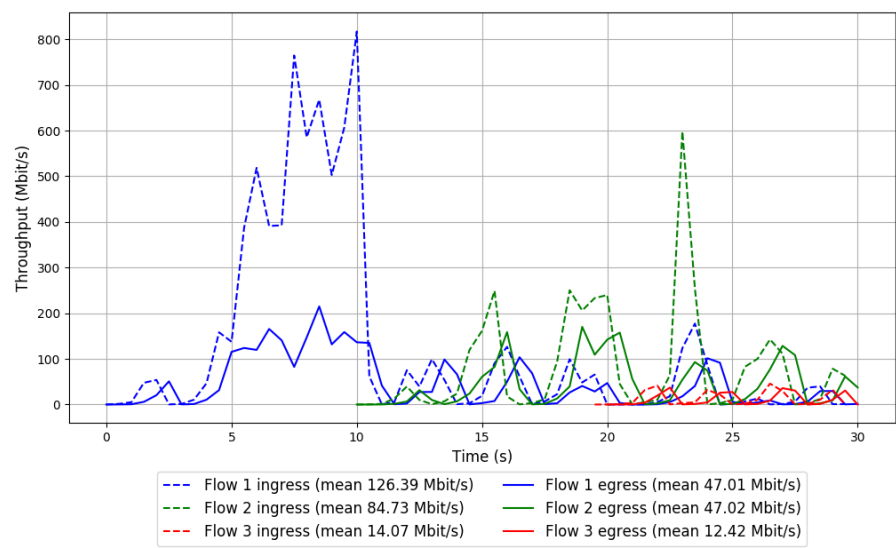


Run 5: Statistics of Verus

Start at: 2018-07-24 16:56:52
End at: 2018-07-24 16:57:22
Local clock offset: -1.947 ms
Remote clock offset: -39.576 ms

Below is generated by plot.py at 2018-07-24 22:03:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.65 Mbit/s
95th percentile per-packet one-way delay: 92.183 ms
Loss rate: 56.12%
-- Flow 1:
Average throughput: 47.01 Mbit/s
95th percentile per-packet one-way delay: 95.779 ms
Loss rate: 62.80%
-- Flow 2:
Average throughput: 47.02 Mbit/s
95th percentile per-packet one-way delay: 75.387 ms
Loss rate: 44.50%
-- Flow 3:
Average throughput: 12.42 Mbit/s
95th percentile per-packet one-way delay: 73.471 ms
Loss rate: 11.70%

Run 5: Report of Verus — Data Link

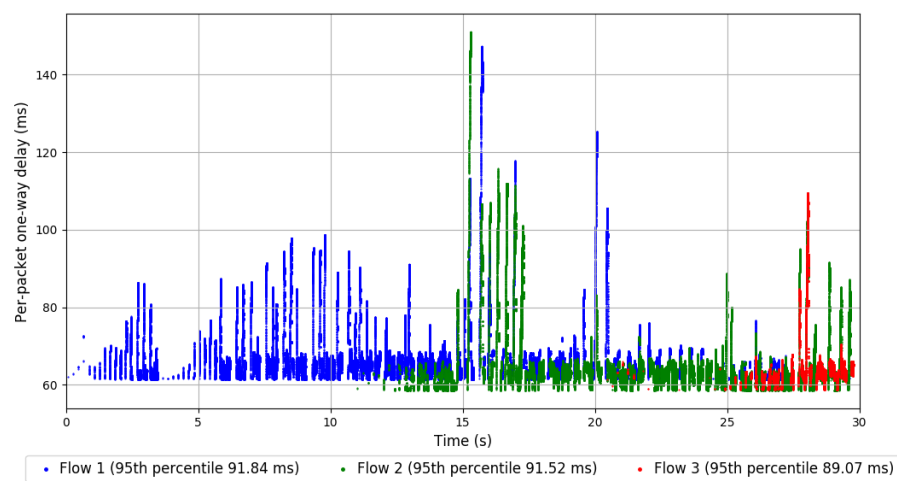
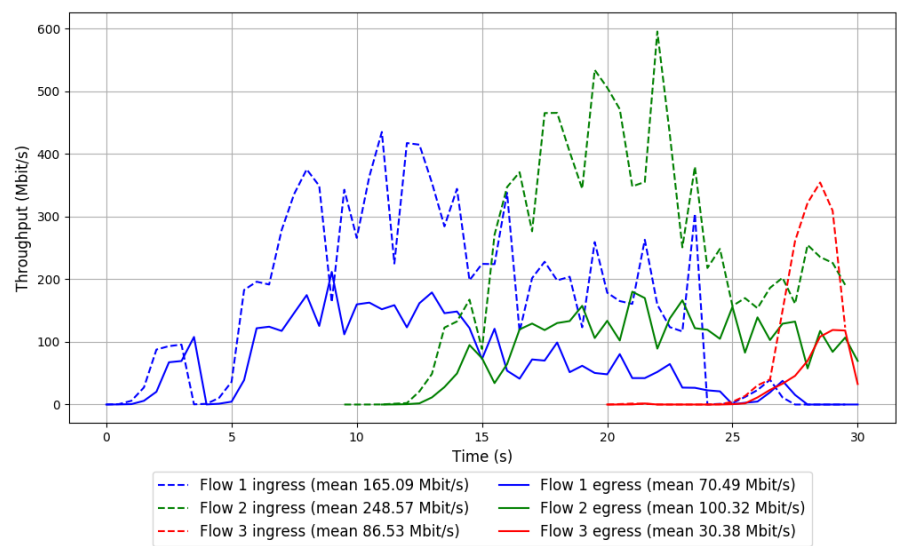


Run 6: Statistics of Verus

Start at: 2018-07-24 17:32:28
End at: 2018-07-24 17:32:58
Local clock offset: -0.04 ms
Remote clock offset: -39.194 ms

Below is generated by plot.py at 2018-07-24 22:03:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 142.93 Mbit/s
95th percentile per-packet one-way delay: 91.406 ms
Loss rate: 59.90%
-- Flow 1:
Average throughput: 70.49 Mbit/s
95th percentile per-packet one-way delay: 91.845 ms
Loss rate: 57.30%
-- Flow 2:
Average throughput: 100.32 Mbit/s
95th percentile per-packet one-way delay: 91.523 ms
Loss rate: 61.68%
-- Flow 3:
Average throughput: 30.38 Mbit/s
95th percentile per-packet one-way delay: 89.074 ms
Loss rate: 64.88%

Run 6: Report of Verus — Data Link

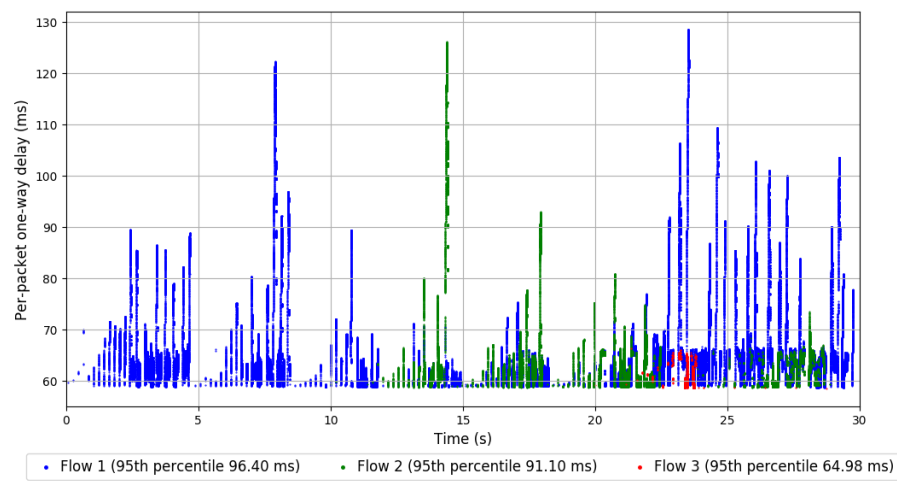
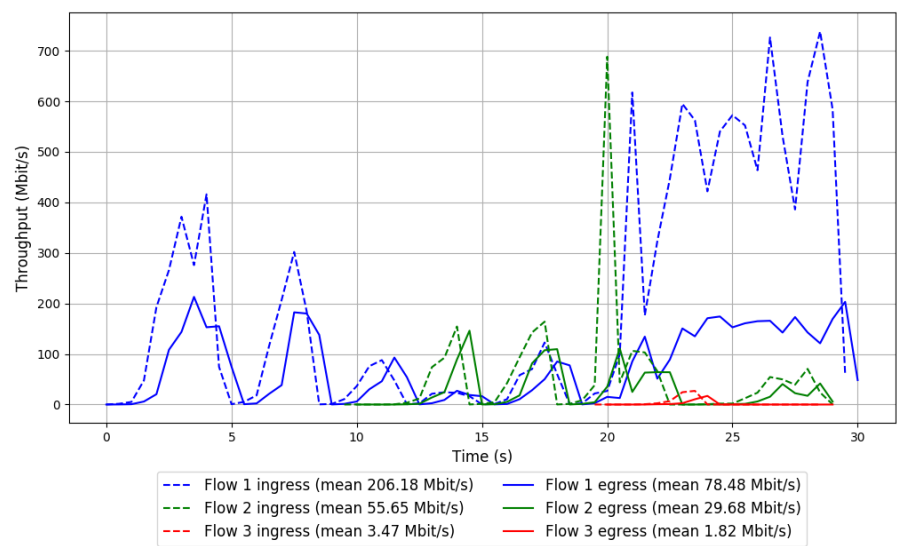


Run 7: Statistics of Verus

Start at: 2018-07-24 18:08:17
End at: 2018-07-24 18:08:47
Local clock offset: -1.641 ms
Remote clock offset: -41.305 ms

Below is generated by plot.py at 2018-07-24 22:03:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.85 Mbit/s
95th percentile per-packet one-way delay: 95.799 ms
Loss rate: 59.70%
-- Flow 1:
Average throughput: 78.48 Mbit/s
95th percentile per-packet one-way delay: 96.403 ms
Loss rate: 61.92%
-- Flow 2:
Average throughput: 29.68 Mbit/s
95th percentile per-packet one-way delay: 91.104 ms
Loss rate: 47.21%
-- Flow 3:
Average throughput: 1.82 Mbit/s
95th percentile per-packet one-way delay: 64.982 ms
Loss rate: 48.55%

Run 7: Report of Verus — Data Link

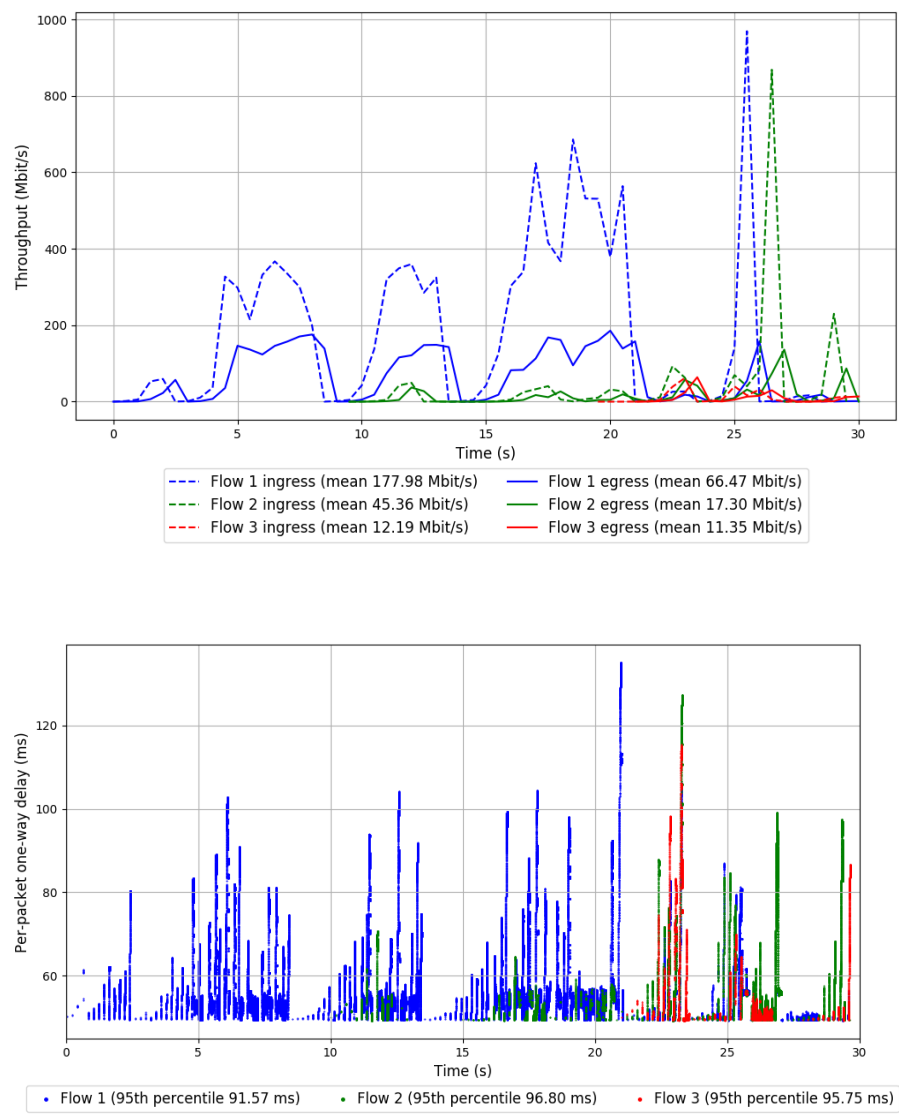


Run 8: Statistics of Verus

Start at: 2018-07-24 19:06:04
End at: 2018-07-24 19:06:34
Local clock offset: 0.228 ms
Remote clock offset: -44.479 ms

Below is generated by plot.py at 2018-07-24 22:03:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.12 Mbit/s
95th percentile per-packet one-way delay: 93.162 ms
Loss rate: 61.67%
-- Flow 1:
Average throughput: 66.47 Mbit/s
95th percentile per-packet one-way delay: 91.571 ms
Loss rate: 62.65%
-- Flow 2:
Average throughput: 17.30 Mbit/s
95th percentile per-packet one-way delay: 96.801 ms
Loss rate: 61.86%
-- Flow 3:
Average throughput: 11.35 Mbit/s
95th percentile per-packet one-way delay: 95.749 ms
Loss rate: 16.18%

Run 8: Report of Verus — Data Link

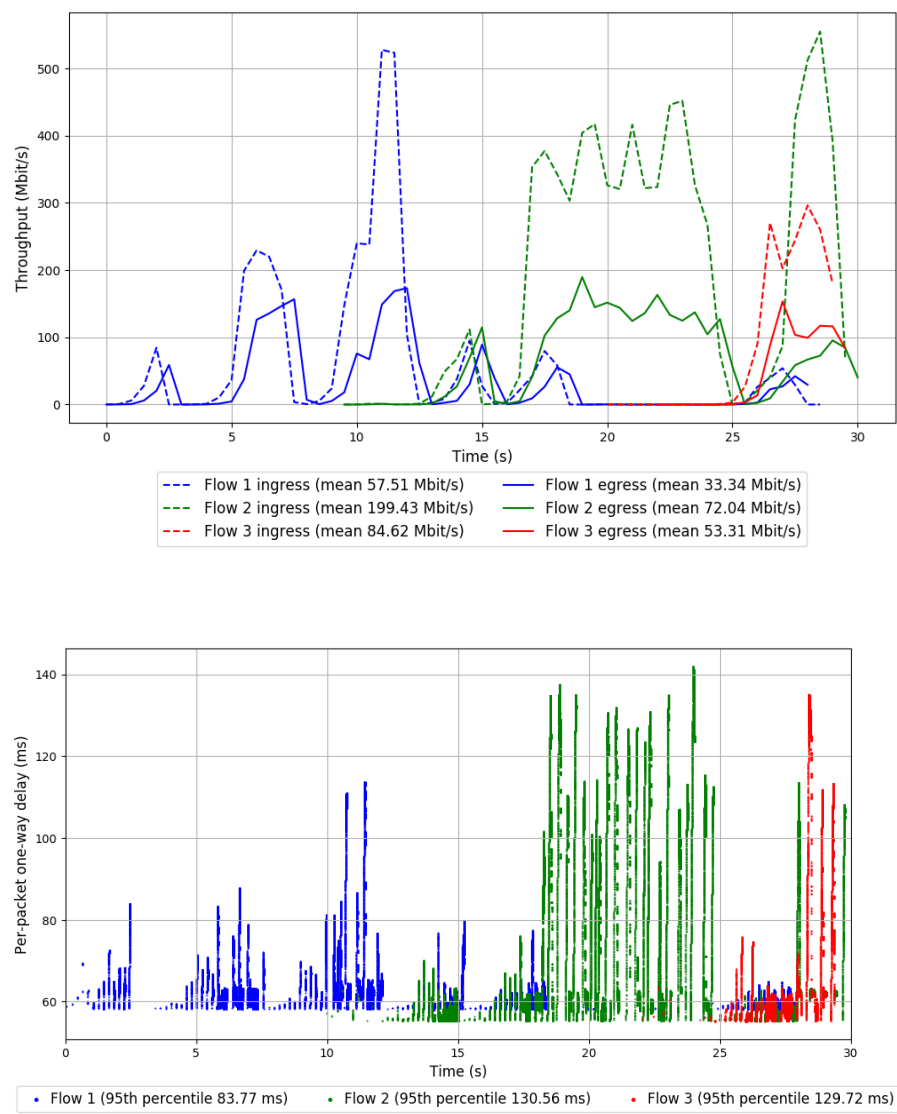


Run 9: Statistics of Verus

Start at: 2018-07-24 19:46:15
End at: 2018-07-24 19:46:45
Local clock offset: 0.77 ms
Remote clock offset: -32.867 ms

Below is generated by plot.py at 2018-07-24 22:03:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.25 Mbit/s
95th percentile per-packet one-way delay: 128.369 ms
Loss rate: 57.09%
-- Flow 1:
Average throughput: 33.34 Mbit/s
95th percentile per-packet one-way delay: 83.765 ms
Loss rate: 44.38%
-- Flow 2:
Average throughput: 72.04 Mbit/s
95th percentile per-packet one-way delay: 130.557 ms
Loss rate: 63.79%
-- Flow 3:
Average throughput: 53.31 Mbit/s
95th percentile per-packet one-way delay: 129.722 ms
Loss rate: 50.50%

Run 9: Report of Verus — Data Link

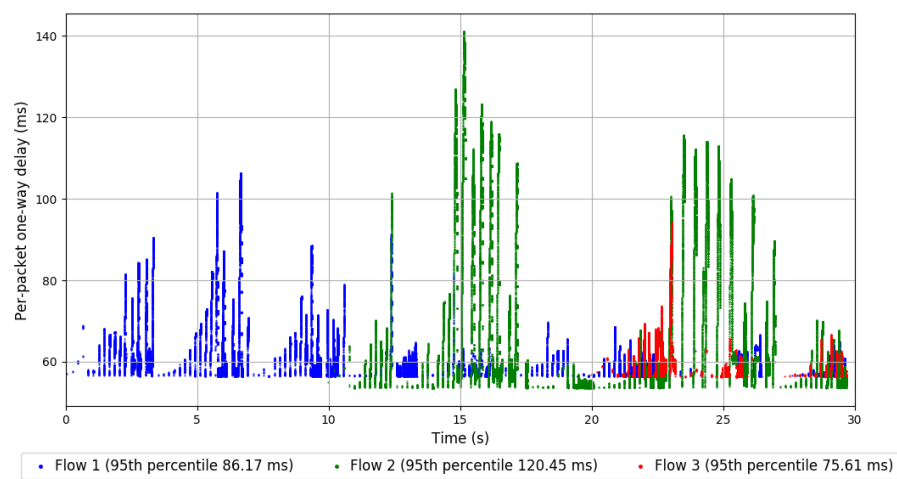
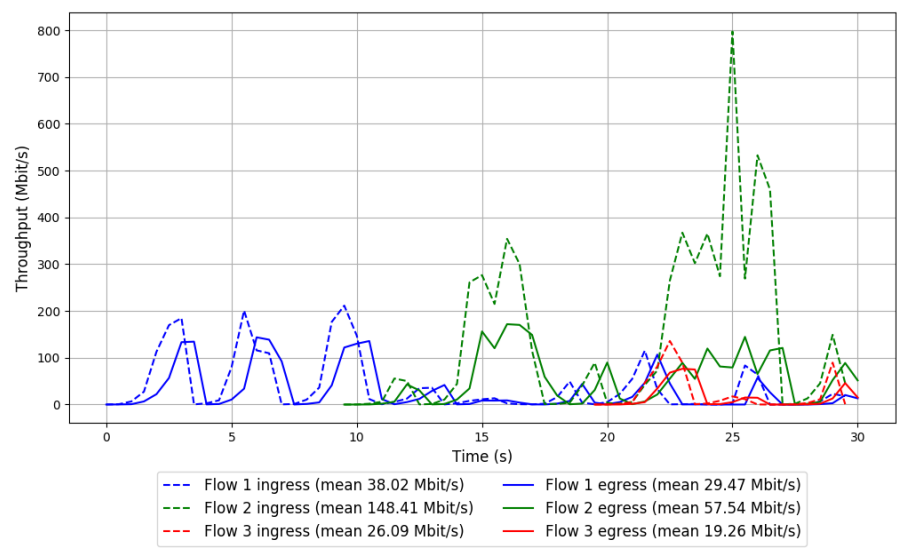


Run 10: Statistics of Verus

Start at: 2018-07-24 20:50:44
End at: 2018-07-24 20:51:14
Local clock offset: 0.957 ms
Remote clock offset: -32.562 ms

Below is generated by plot.py at 2018-07-24 22:03:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.95 Mbit/s
95th percentile per-packet one-way delay: 113.736 ms
Loss rate: 49.04%
-- Flow 1:
Average throughput: 29.47 Mbit/s
95th percentile per-packet one-way delay: 86.170 ms
Loss rate: 22.48%
-- Flow 2:
Average throughput: 57.54 Mbit/s
95th percentile per-packet one-way delay: 120.454 ms
Loss rate: 61.23%
-- Flow 3:
Average throughput: 19.26 Mbit/s
95th percentile per-packet one-way delay: 75.613 ms
Loss rate: 26.18%

Run 10: Report of Verus — Data Link

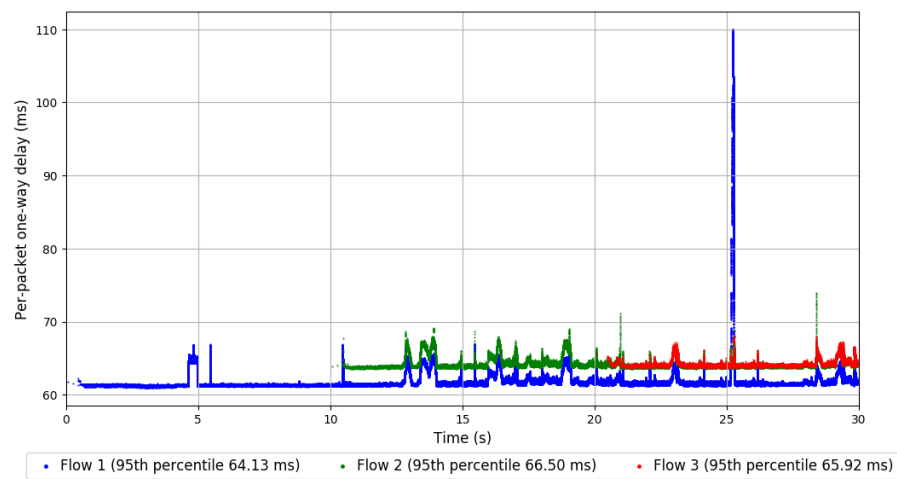
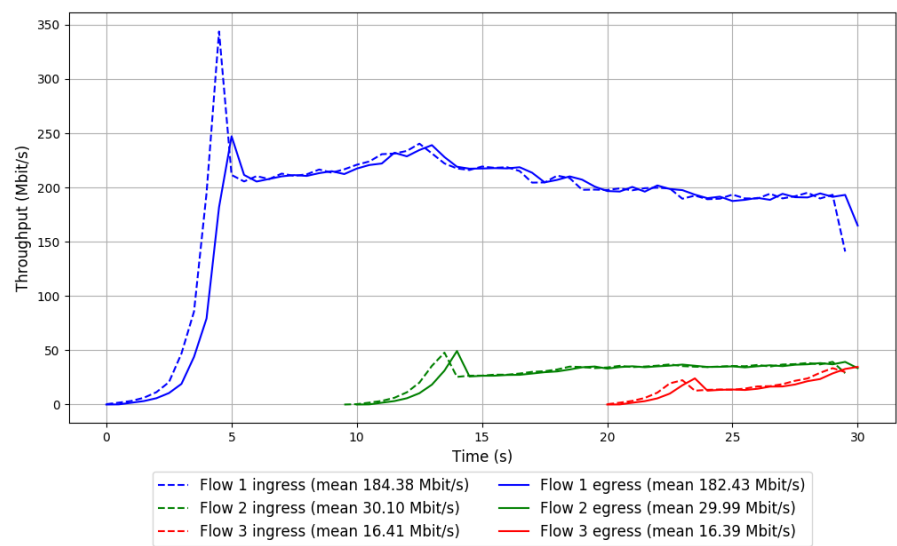


Run 1: Statistics of PCC-Vivace

Start at: 2018-07-24 14:32:31
End at: 2018-07-24 14:33:01
Local clock offset: 1.671 ms
Remote clock offset: -26.523 ms

Below is generated by plot.py at 2018-07-24 22:04:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 207.80 Mbit/s
95th percentile per-packet one-way delay: 64.533 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 182.43 Mbit/s
95th percentile per-packet one-way delay: 64.134 ms
Loss rate: 1.06%
-- Flow 2:
Average throughput: 29.99 Mbit/s
95th percentile per-packet one-way delay: 66.503 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 16.39 Mbit/s
95th percentile per-packet one-way delay: 65.924 ms
Loss rate: 0.16%

Run 1: Report of PCC-Vivace — Data Link

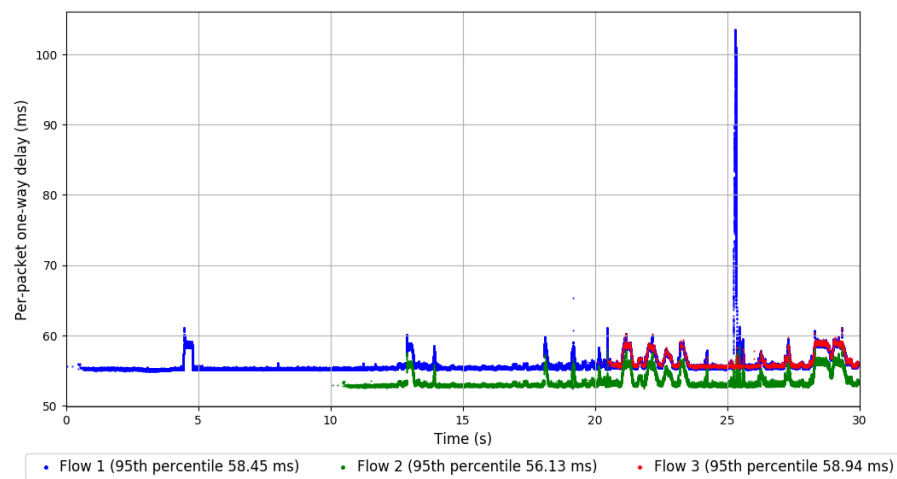
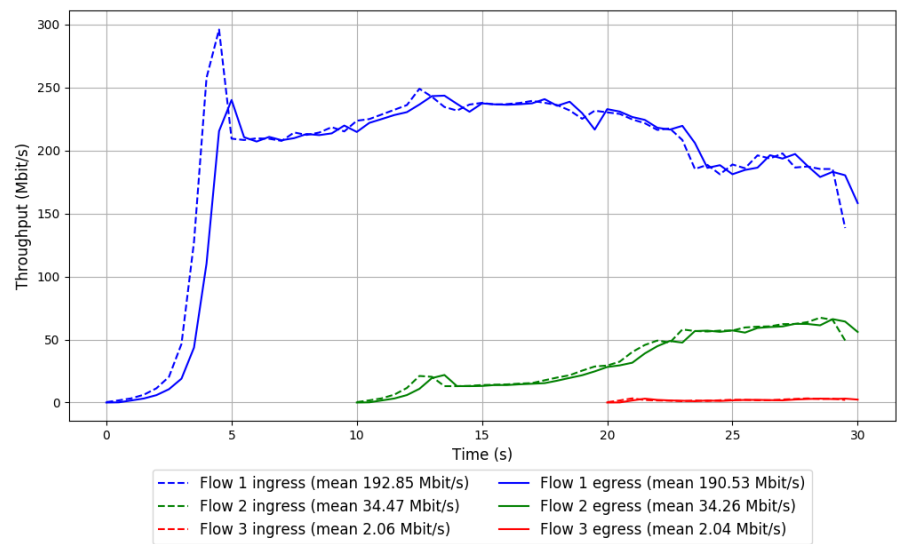


Run 2: Statistics of PCC-Vivace

Start at: 2018-07-24 15:02:33
End at: 2018-07-24 15:03:03
Local clock offset: 1.284 ms
Remote clock offset: -35.63 ms

Below is generated by plot.py at 2018-07-24 22:04:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 213.99 Mbit/s
95th percentile per-packet one-way delay: 58.413 ms
Loss rate: 1.15%
-- Flow 1:
Average throughput: 190.53 Mbit/s
95th percentile per-packet one-way delay: 58.453 ms
Loss rate: 1.21%
-- Flow 2:
Average throughput: 34.26 Mbit/s
95th percentile per-packet one-way delay: 56.133 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 2.04 Mbit/s
95th percentile per-packet one-way delay: 58.937 ms
Loss rate: 1.04%

Run 2: Report of PCC-Vivace — Data Link

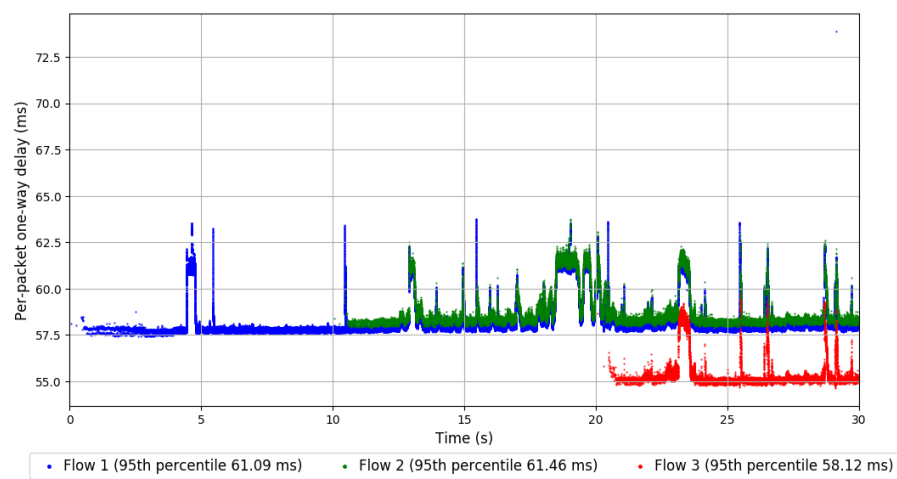
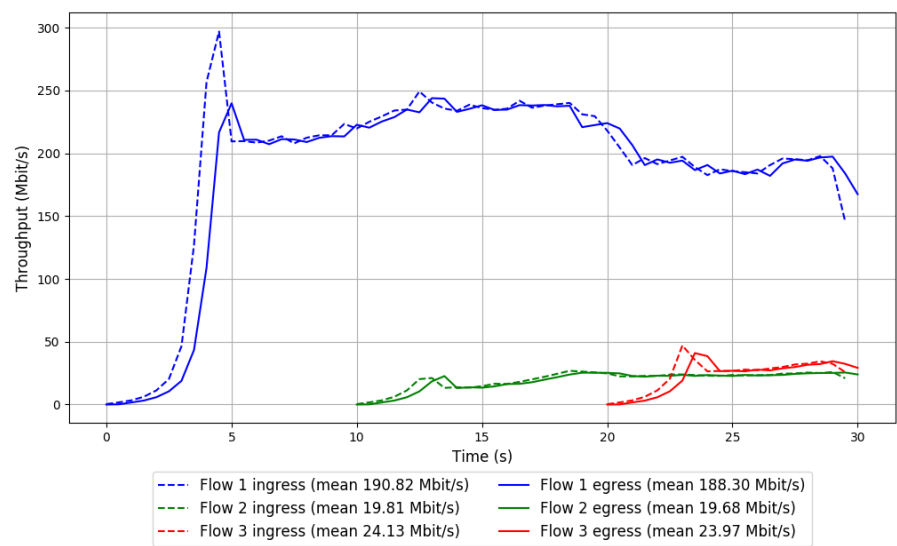


Run 3: Statistics of PCC-Vivace

Start at: 2018-07-24 15:38:08
End at: 2018-07-24 15:38:38
Local clock offset: -0.893 ms
Remote clock offset: -36.504 ms

Below is generated by plot.py at 2018-07-24 22:05:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 209.30 Mbit/s
95th percentile per-packet one-way delay: 61.100 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 188.30 Mbit/s
95th percentile per-packet one-way delay: 61.088 ms
Loss rate: 1.33%
-- Flow 2:
Average throughput: 19.68 Mbit/s
95th percentile per-packet one-way delay: 61.459 ms
Loss rate: 0.66%
-- Flow 3:
Average throughput: 23.97 Mbit/s
95th percentile per-packet one-way delay: 58.116 ms
Loss rate: 0.69%

Run 3: Report of PCC-Vivace — Data Link

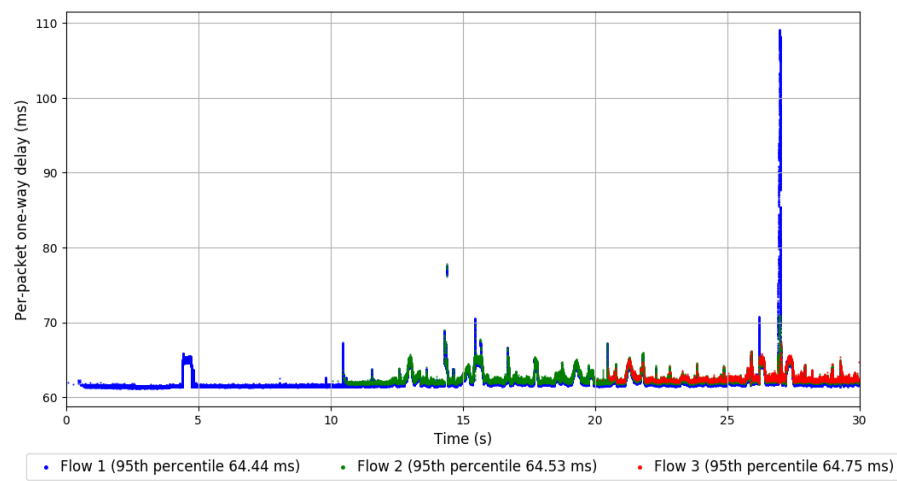
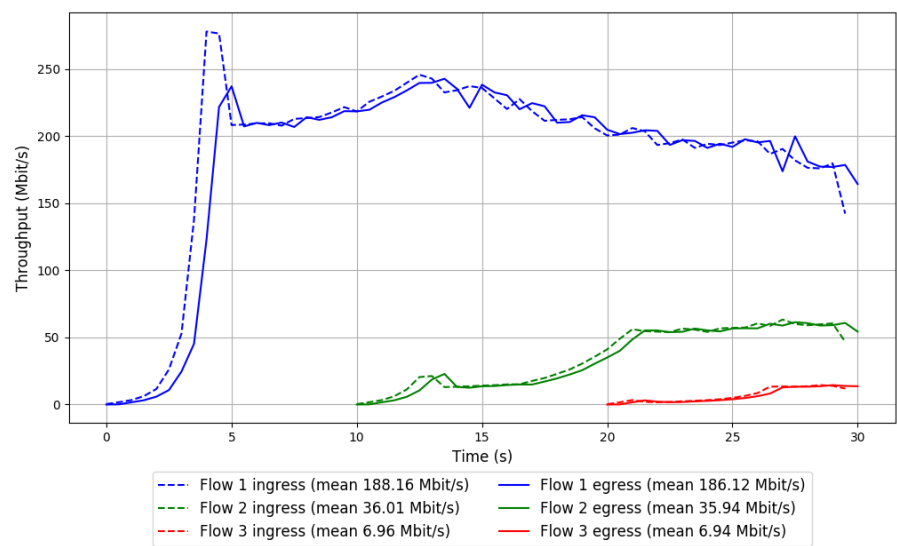


Run 4: Statistics of PCC-Vivace

Start at: 2018-07-24 16:13:30
End at: 2018-07-24 16:14:00
Local clock offset: -1.593 ms
Remote clock offset: -33.404 ms

Below is generated by plot.py at 2018-07-24 22:05:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 212.26 Mbit/s
95th percentile per-packet one-way delay: 64.459 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 186.12 Mbit/s
95th percentile per-packet one-way delay: 64.439 ms
Loss rate: 1.08%
-- Flow 2:
Average throughput: 35.94 Mbit/s
95th percentile per-packet one-way delay: 64.535 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 6.94 Mbit/s
95th percentile per-packet one-way delay: 64.754 ms
Loss rate: 0.25%

Run 4: Report of PCC-Vivace — Data Link

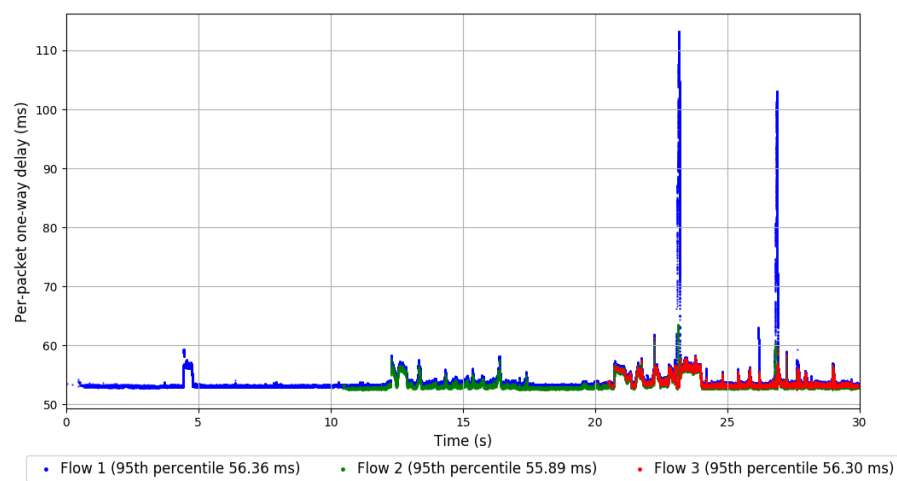
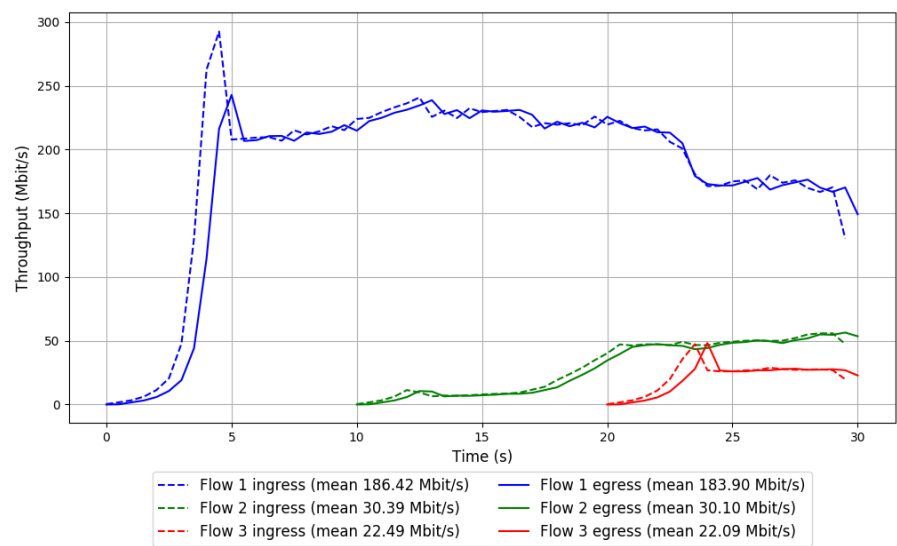


Run 5: Statistics of PCC-Vivace

Start at: 2018-07-24 16:44:08
End at: 2018-07-24 16:44:38
Local clock offset: -1.965 ms
Remote clock offset: -44.74 ms

Below is generated by plot.py at 2018-07-24 22:05:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 211.20 Mbit/s
95th percentile per-packet one-way delay: 56.341 ms
Loss rate: 1.33%
-- Flow 1:
Average throughput: 183.90 Mbit/s
95th percentile per-packet one-way delay: 56.364 ms
Loss rate: 1.35%
-- Flow 2:
Average throughput: 30.10 Mbit/s
95th percentile per-packet one-way delay: 55.890 ms
Loss rate: 0.98%
-- Flow 3:
Average throughput: 22.09 Mbit/s
95th percentile per-packet one-way delay: 56.299 ms
Loss rate: 1.81%

Run 5: Report of PCC-Vivace — Data Link

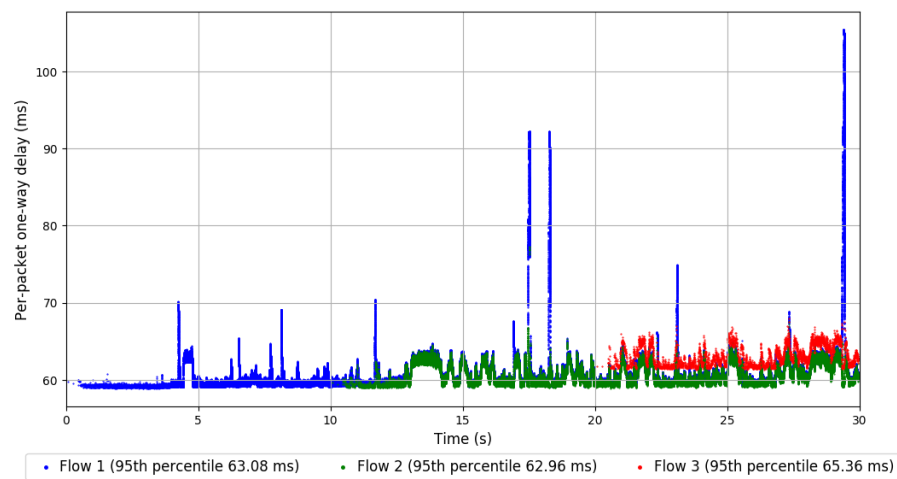
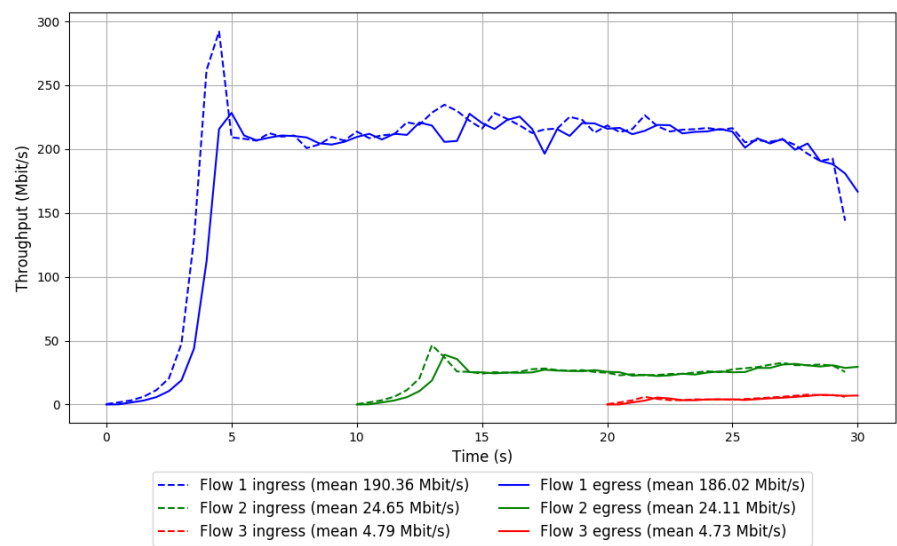


Run 6: Statistics of PCC-Vivace

Start at: 2018-07-24 17:29:24
End at: 2018-07-24 17:29:54
Local clock offset: -0.086 ms
Remote clock offset: -39.119 ms

Below is generated by plot.py at 2018-07-24 22:05:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 203.61 Mbit/s
95th percentile per-packet one-way delay: 63.107 ms
Loss rate: 2.26%
-- Flow 1:
Average throughput: 186.02 Mbit/s
95th percentile per-packet one-way delay: 63.083 ms
Loss rate: 2.28%
-- Flow 2:
Average throughput: 24.11 Mbit/s
95th percentile per-packet one-way delay: 62.958 ms
Loss rate: 2.17%
-- Flow 3:
Average throughput: 4.73 Mbit/s
95th percentile per-packet one-way delay: 65.360 ms
Loss rate: 1.43%

Run 6: Report of PCC-Vivace — Data Link

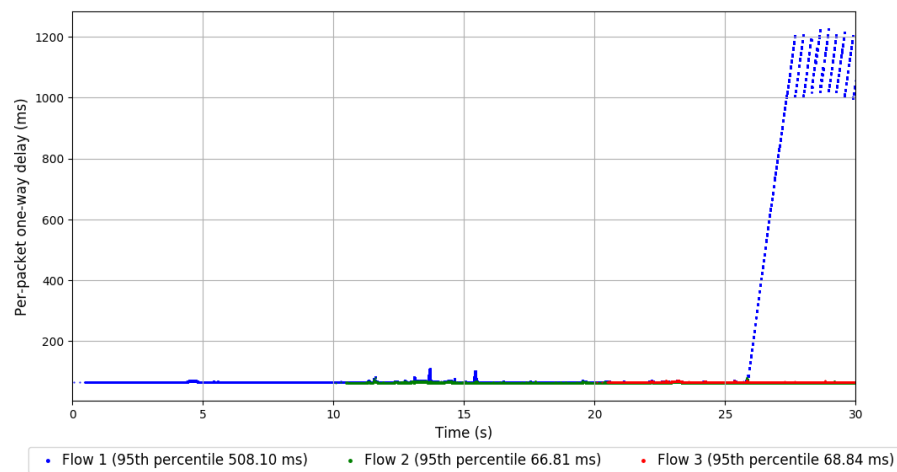
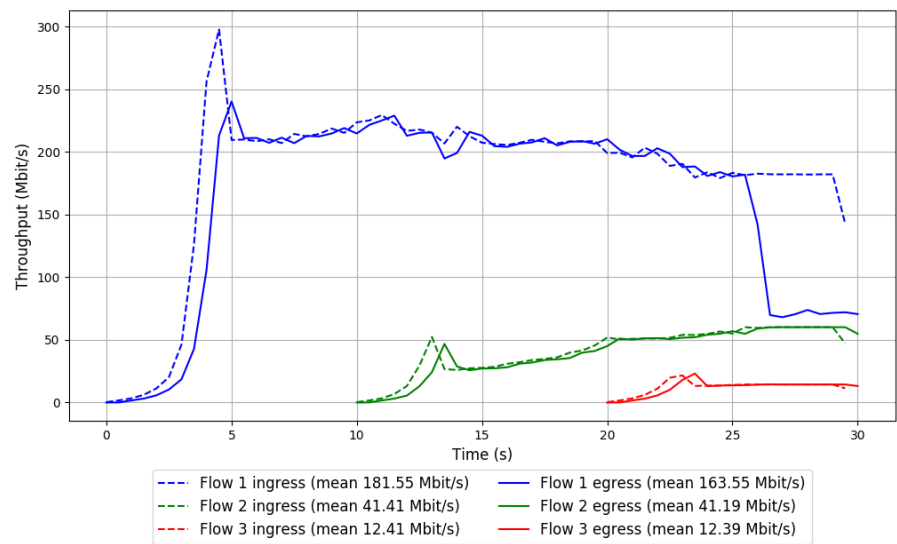


Run 7: Statistics of PCC-Vivace

Start at: 2018-07-24 17:59:28
End at: 2018-07-24 17:59:58
Local clock offset: -1.402 ms
Remote clock offset: -36.092 ms

Below is generated by plot.py at 2018-07-24 22:05:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 195.01 Mbit/s
95th percentile per-packet one-way delay: 102.185 ms
Loss rate: 8.47%
-- Flow 1:
Average throughput: 163.55 Mbit/s
95th percentile per-packet one-way delay: 508.097 ms
Loss rate: 9.86%
-- Flow 2:
Average throughput: 41.19 Mbit/s
95th percentile per-packet one-way delay: 66.810 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 12.39 Mbit/s
95th percentile per-packet one-way delay: 68.837 ms
Loss rate: 0.17%

Run 7: Report of PCC-Vivace — Data Link

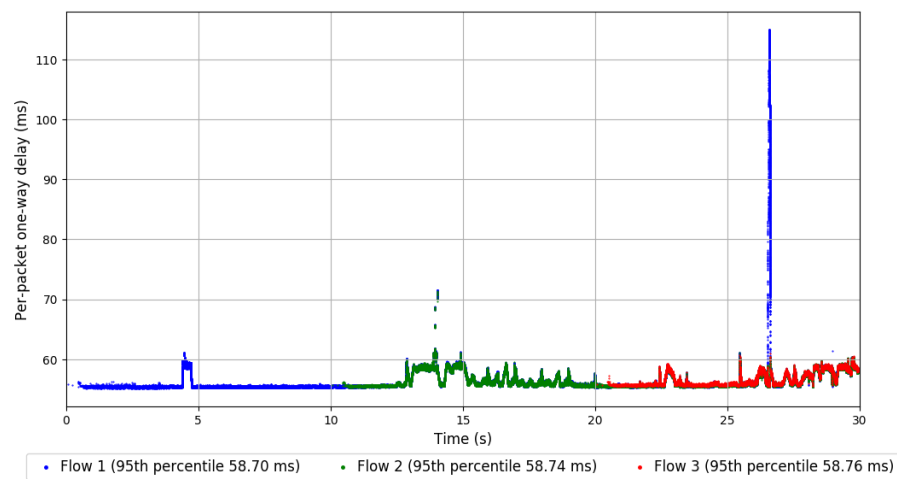
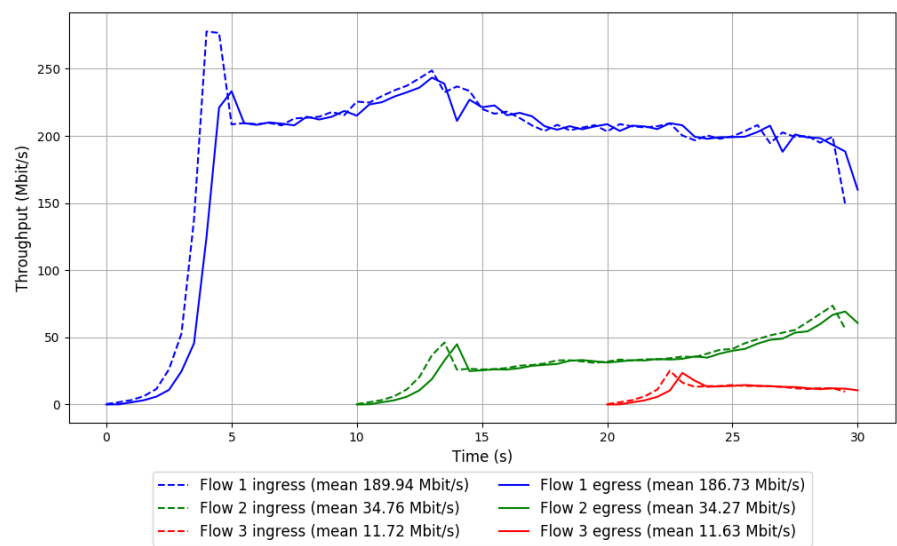


Run 8: Statistics of PCC-Vivace

Start at: 2018-07-24 18:57:23
End at: 2018-07-24 18:57:53
Local clock offset: 0.888 ms
Remote clock offset: -38.72 ms

Below is generated by plot.py at 2018-07-24 22:05:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 213.36 Mbit/s
95th percentile per-packet one-way delay: 58.706 ms
Loss rate: 1.64%
-- Flow 1:
Average throughput: 186.73 Mbit/s
95th percentile per-packet one-way delay: 58.699 ms
Loss rate: 1.69%
-- Flow 2:
Average throughput: 34.27 Mbit/s
95th percentile per-packet one-way delay: 58.741 ms
Loss rate: 1.39%
-- Flow 3:
Average throughput: 11.63 Mbit/s
95th percentile per-packet one-way delay: 58.764 ms
Loss rate: 0.77%

Run 8: Report of PCC-Vivace — Data Link

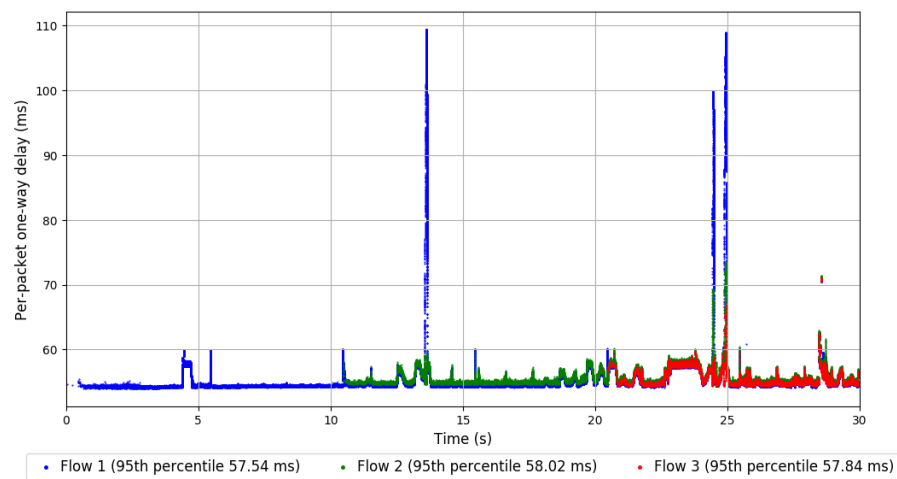
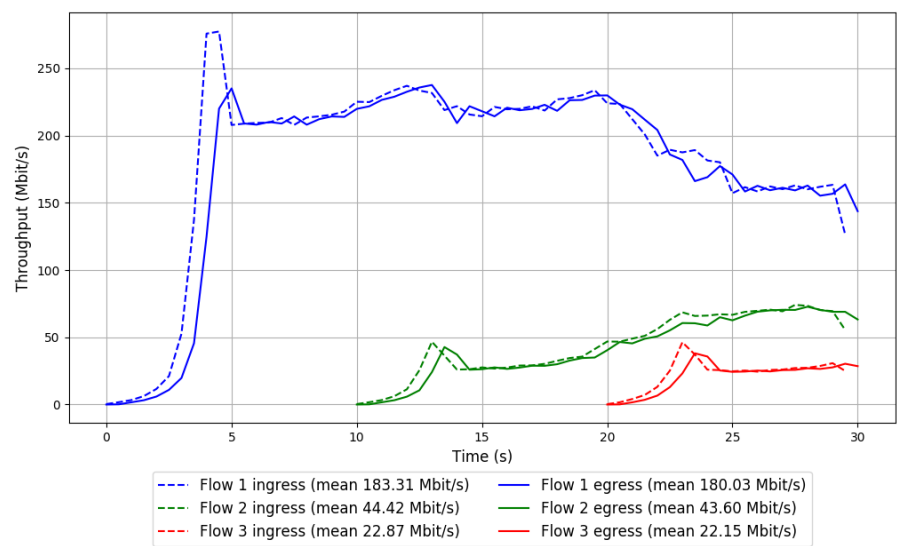


Run 9: Statistics of PCC-Vivace

Start at: 2018-07-24 19:43:07
End at: 2018-07-24 19:43:37
Local clock offset: -0.487 ms
Remote clock offset: -35.15 ms

Below is generated by plot.py at 2018-07-24 22:06:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 216.35 Mbit/s
95th percentile per-packet one-way delay: 57.627 ms
Loss rate: 1.84%
-- Flow 1:
Average throughput: 180.03 Mbit/s
95th percentile per-packet one-way delay: 57.536 ms
Loss rate: 1.79%
-- Flow 2:
Average throughput: 43.60 Mbit/s
95th percentile per-packet one-way delay: 58.022 ms
Loss rate: 1.84%
-- Flow 3:
Average throughput: 22.15 Mbit/s
95th percentile per-packet one-way delay: 57.838 ms
Loss rate: 3.17%

Run 9: Report of PCC-Vivace — Data Link

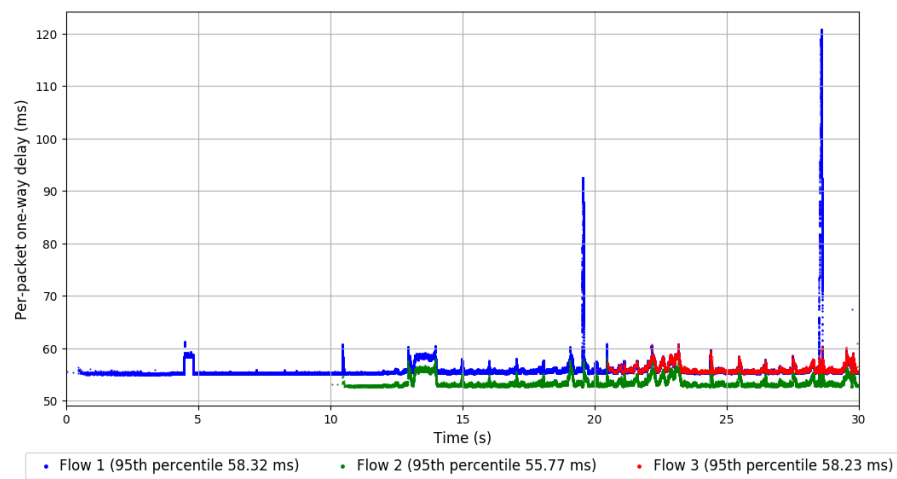
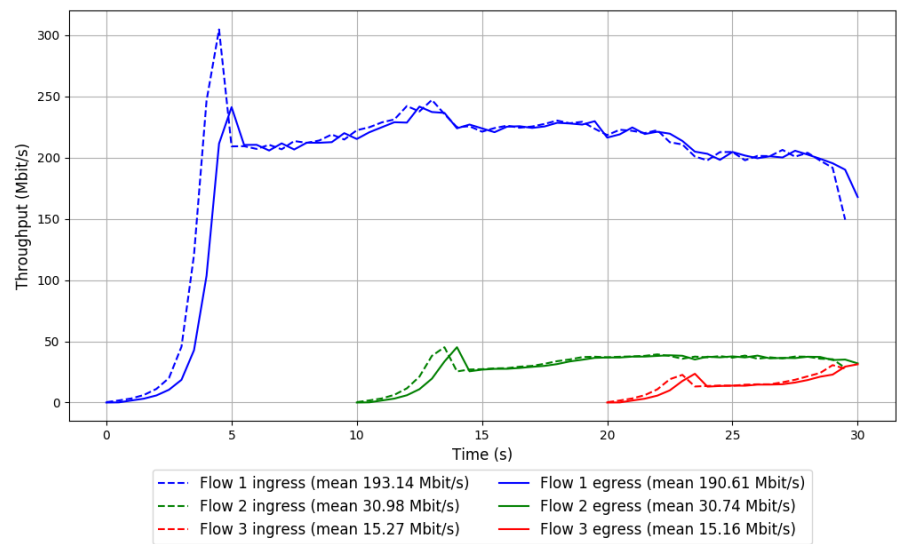


Run 10: Statistics of PCC-Vivace

Start at: 2018-07-24 20:42:03
End at: 2018-07-24 20:42:33
Local clock offset: 1.475 ms
Remote clock offset: -33.005 ms

Below is generated by plot.py at 2018-07-24 22:06:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 216.01 Mbit/s
95th percentile per-packet one-way delay: 58.264 ms
Loss rate: 1.25%
-- Flow 1:
Average throughput: 190.61 Mbit/s
95th percentile per-packet one-way delay: 58.316 ms
Loss rate: 1.32%
-- Flow 2:
Average throughput: 30.74 Mbit/s
95th percentile per-packet one-way delay: 55.774 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 15.16 Mbit/s
95th percentile per-packet one-way delay: 58.227 ms
Loss rate: 0.76%

Run 10: Report of PCC-Vivace — Data Link

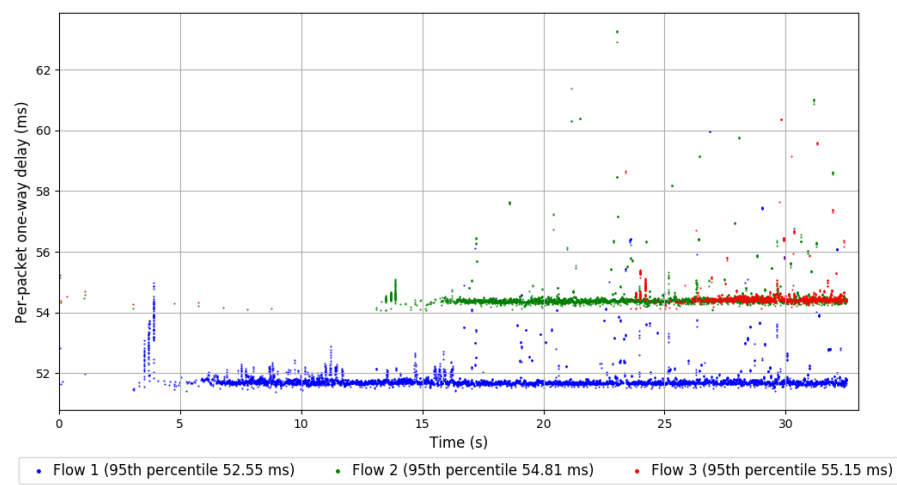
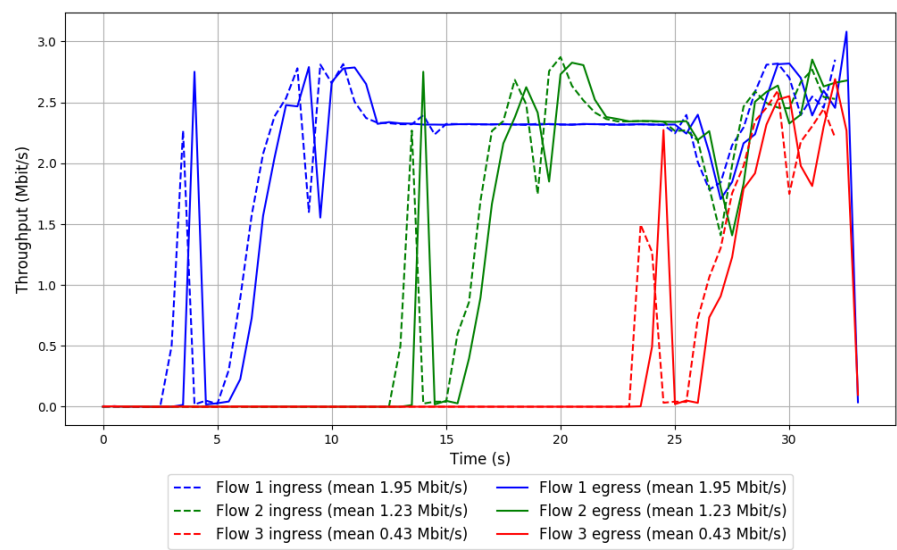


Run 1: Statistics of WebRTC media

Start at: 2018-07-24 14:42:42
End at: 2018-07-24 14:43:12
Local clock offset: 2.434 ms
Remote clock offset: -35.428 ms

Below is generated by plot.py at 2018-07-24 22:06:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.61 Mbit/s
95th percentile per-packet one-way delay: 54.593 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.95 Mbit/s
95th percentile per-packet one-way delay: 52.546 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.23 Mbit/s
95th percentile per-packet one-way delay: 54.814 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 55.149 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

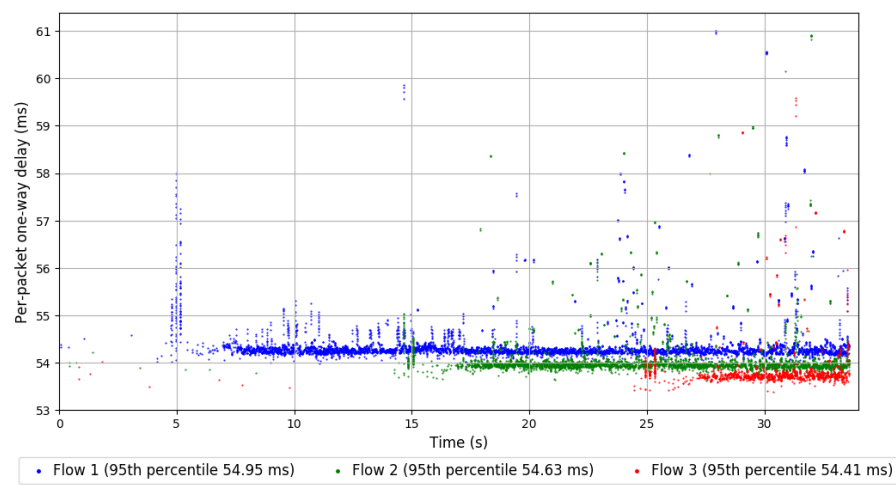
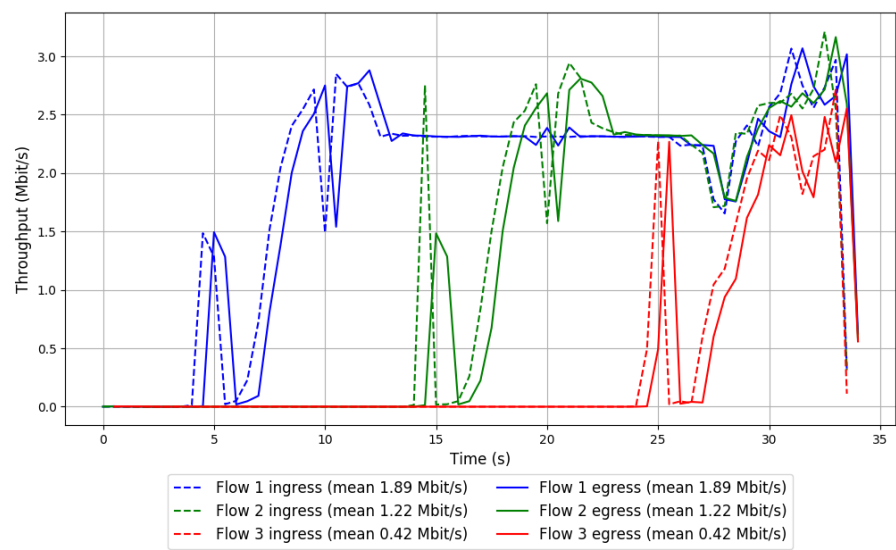


Run 2: Statistics of WebRTC media

Start at: 2018-07-24 15:12:39
End at: 2018-07-24 15:13:09
Local clock offset: 2.45 ms
Remote clock offset: -33.283 ms

Below is generated by plot.py at 2018-07-24 22:06:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.50 Mbit/s
95th percentile per-packet one-way delay: 54.821 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.89 Mbit/s
95th percentile per-packet one-way delay: 54.954 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.22 Mbit/s
95th percentile per-packet one-way delay: 54.633 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 54.406 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

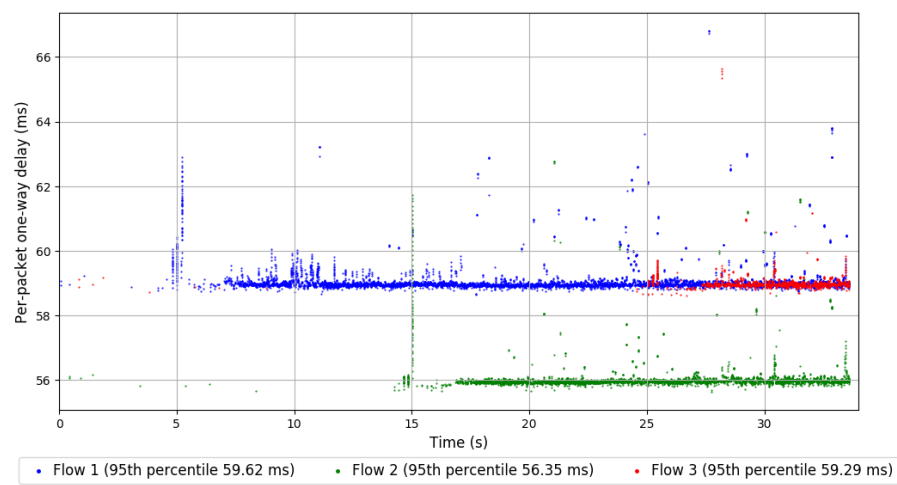
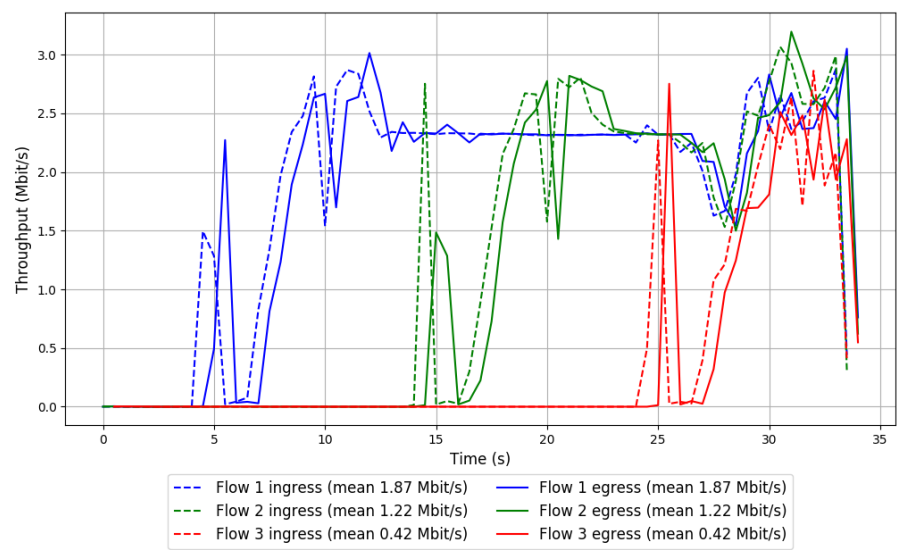


Run 3: Statistics of WebRTC media

Start at: 2018-07-24 15:48:21
End at: 2018-07-24 15:48:51
Local clock offset: 1.338 ms
Remote clock offset: -34.082 ms

Below is generated by plot.py at 2018-07-24 22:06:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.48 Mbit/s
95th percentile per-packet one-way delay: 59.348 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.87 Mbit/s
95th percentile per-packet one-way delay: 59.617 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.22 Mbit/s
95th percentile per-packet one-way delay: 56.347 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 59.292 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

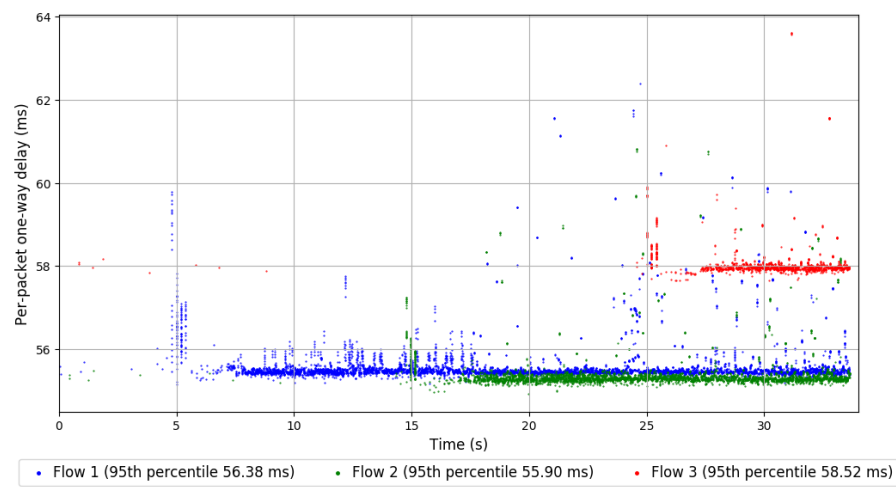
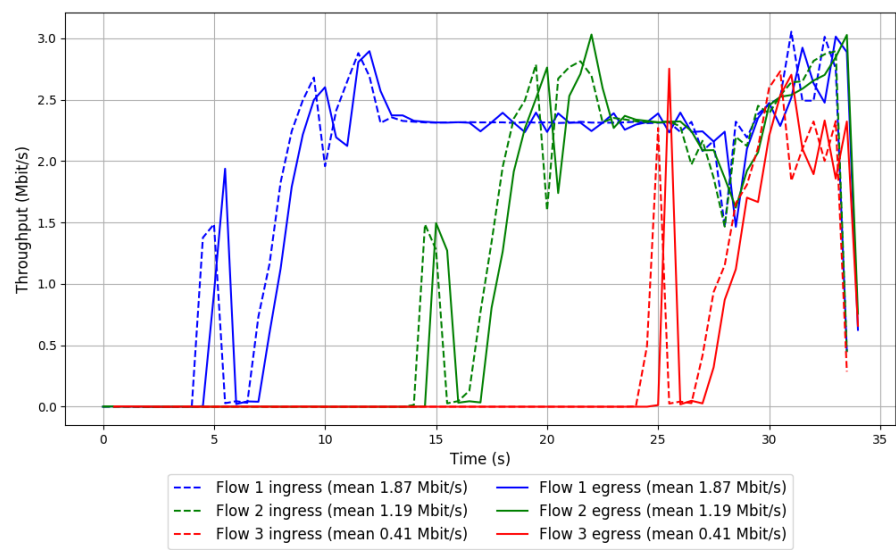


Run 4: Statistics of WebRTC media

Start at: 2018-07-24 16:18:08
End at: 2018-07-24 16:18:38
Local clock offset: -0.349 ms
Remote clock offset: -38.928 ms

Below is generated by plot.py at 2018-07-24 22:06:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.46 Mbit/s
95th percentile per-packet one-way delay: 57.999 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.87 Mbit/s
95th percentile per-packet one-way delay: 56.377 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.19 Mbit/s
95th percentile per-packet one-way delay: 55.900 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 58.522 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

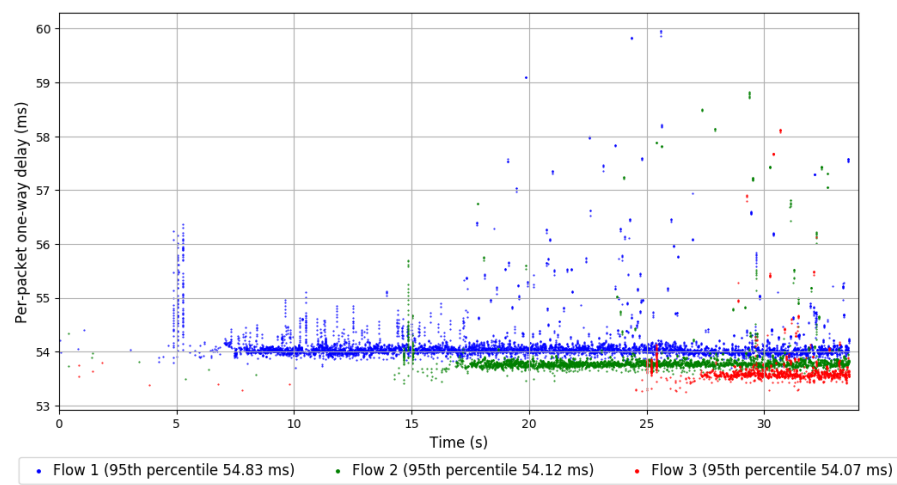
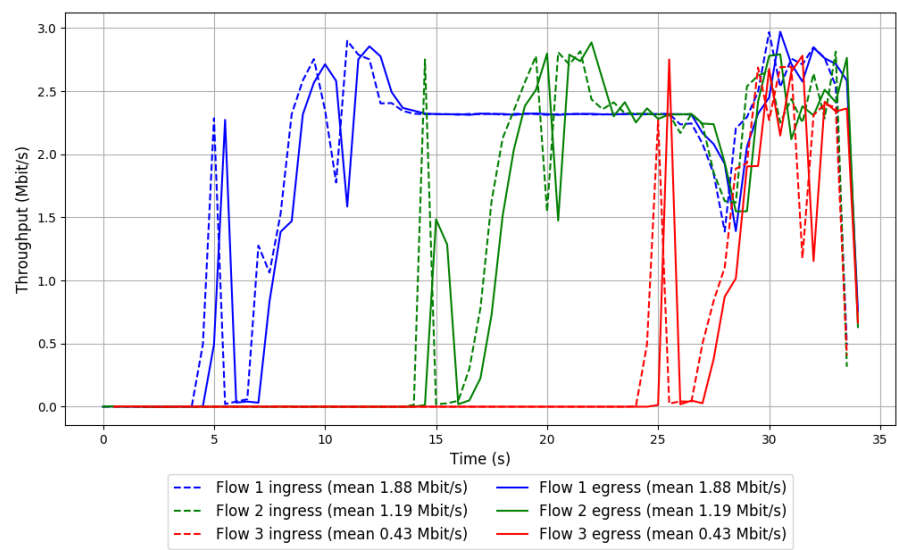


Run 5: Statistics of WebRTC media

Start at: 2018-07-24 16:58:17
End at: 2018-07-24 16:58:47
Local clock offset: 0.256 ms
Remote clock offset: -42.694 ms

Below is generated by plot.py at 2018-07-24 22:06:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.47 Mbit/s
95th percentile per-packet one-way delay: 54.624 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.88 Mbit/s
95th percentile per-packet one-way delay: 54.829 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.19 Mbit/s
95th percentile per-packet one-way delay: 54.119 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 54.074 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

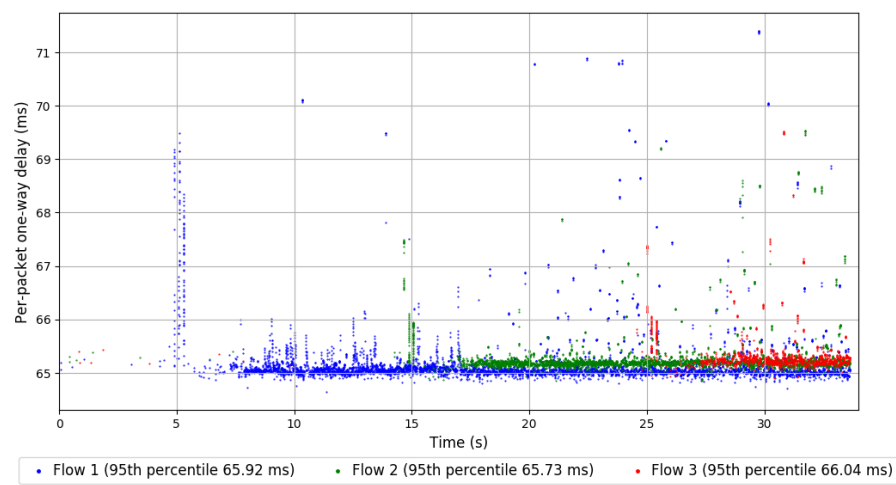
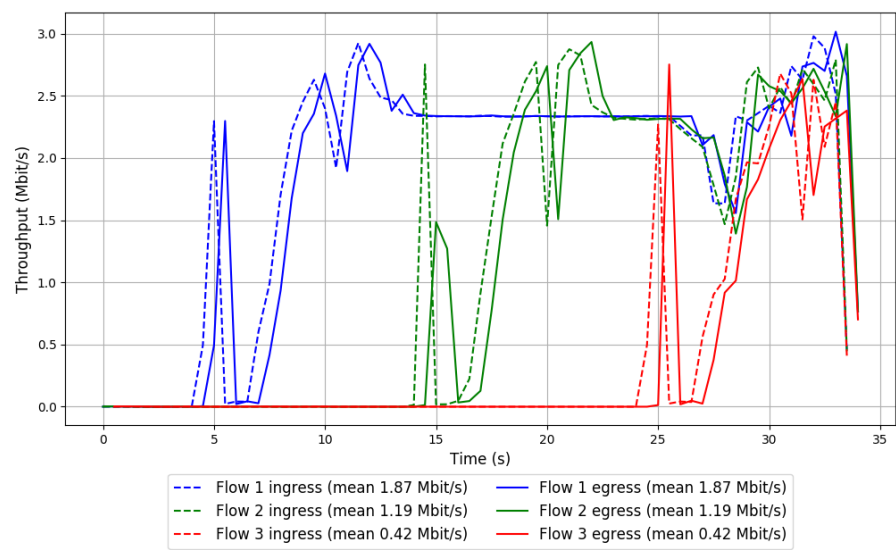


Run 6: Statistics of WebRTC media

Start at: 2018-07-24 17:33:58
End at: 2018-07-24 17:34:28
Local clock offset: -1.829 ms
Remote clock offset: -34.781 ms

Below is generated by plot.py at 2018-07-24 22:06:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.46 Mbit/s
95th percentile per-packet one-way delay: 65.865 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.87 Mbit/s
95th percentile per-packet one-way delay: 65.919 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.19 Mbit/s
95th percentile per-packet one-way delay: 65.732 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 66.040 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

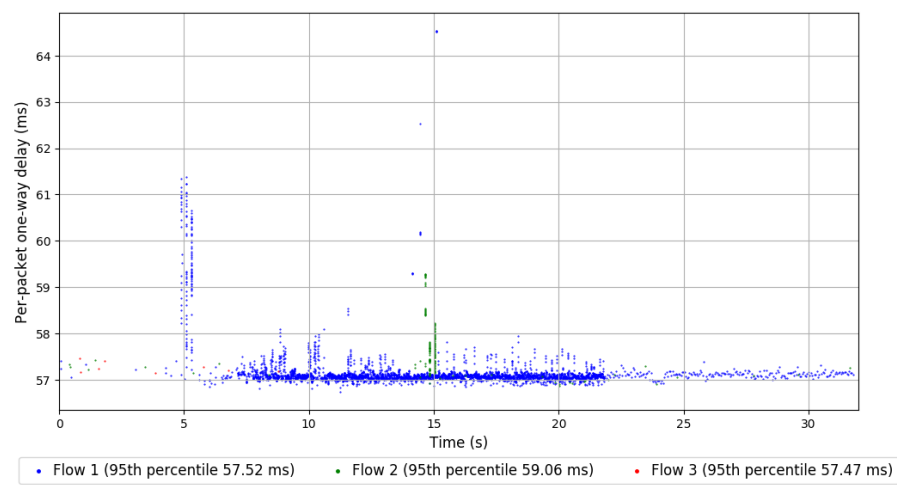
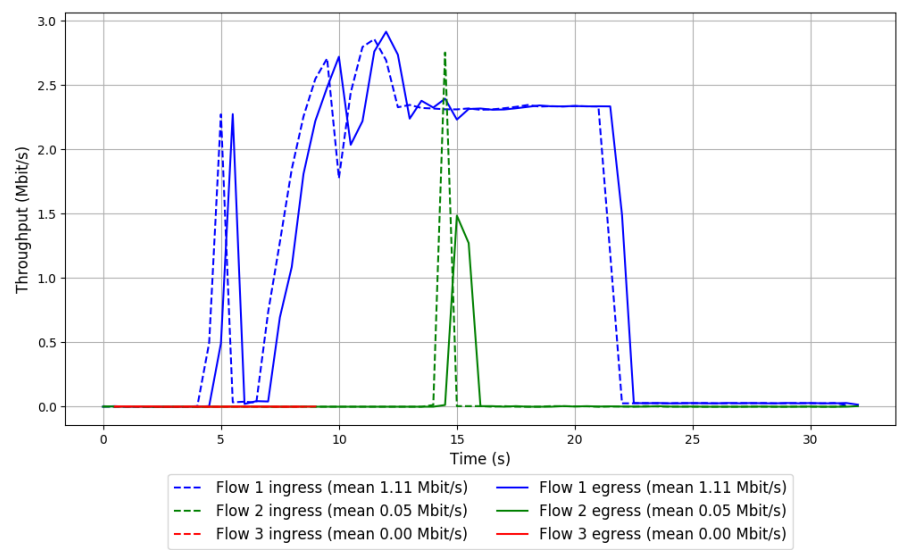


Run 7: Statistics of WebRTC media

Start at: 2018-07-24 18:09:43
End at: 2018-07-24 18:10:13
Local clock offset: 0.47 ms
Remote clock offset: -40.701 ms

Below is generated by plot.py at 2018-07-24 22:06:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 1.15 Mbit/s
95th percentile per-packet one-way delay: 57.667 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.11 Mbit/s
95th percentile per-packet one-way delay: 57.523 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 59.060 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 57.466 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

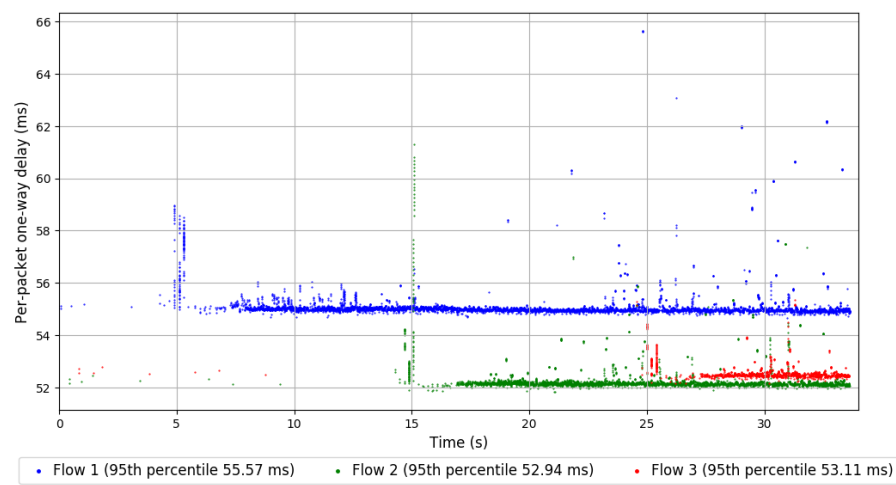
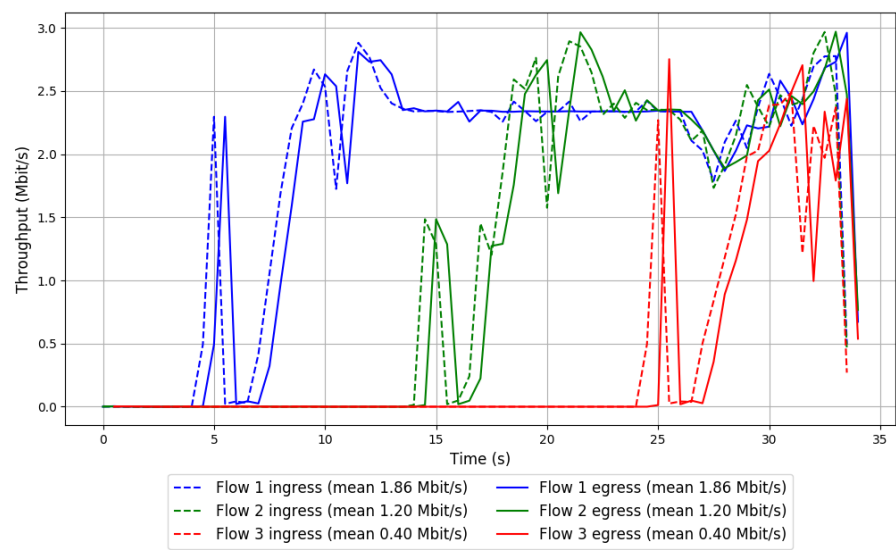


Run 8: Statistics of WebRTC media

Start at: 2018-07-24 19:07:36
End at: 2018-07-24 19:08:06
Local clock offset: 1.159 ms
Remote clock offset: -40.387 ms

Below is generated by plot.py at 2018-07-24 22:06:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.44 Mbit/s
95th percentile per-packet one-way delay: 55.236 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.86 Mbit/s
95th percentile per-packet one-way delay: 55.574 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.20 Mbit/s
95th percentile per-packet one-way delay: 52.937 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 53.109 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

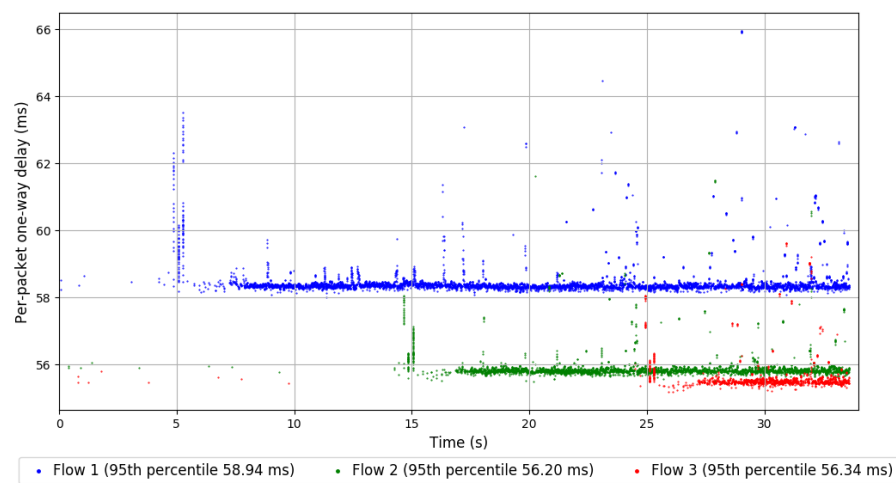
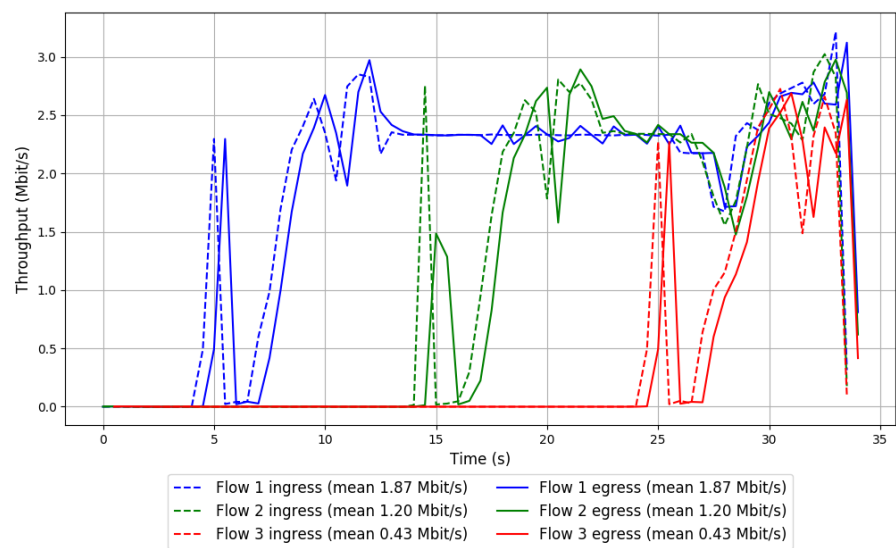


Run 9: Statistics of WebRTC media

Start at: 2018-07-24 19:47:42
End at: 2018-07-24 19:48:12
Local clock offset: 0.421 ms
Remote clock offset: -32.828 ms

Below is generated by plot.py at 2018-07-24 22:06:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.48 Mbit/s
95th percentile per-packet one-way delay: 58.566 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.87 Mbit/s
95th percentile per-packet one-way delay: 58.940 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.20 Mbit/s
95th percentile per-packet one-way delay: 56.204 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 56.335 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-07-24 20:52:14
End at: 2018-07-24 20:52:44
Local clock offset: -1.58 ms
Remote clock offset: -34.51 ms

Below is generated by plot.py at 2018-07-24 22:06:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.47 Mbit/s
95th percentile per-packet one-way delay: 56.955 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.86 Mbit/s
95th percentile per-packet one-way delay: 55.524 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.21 Mbit/s
95th percentile per-packet one-way delay: 57.262 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 55.051 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

