

Pantheon Report

Generated at 2018-07-10 07:48:26 (UTC).

Data path: AWS Korea Ethernet (*local*) → China 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.

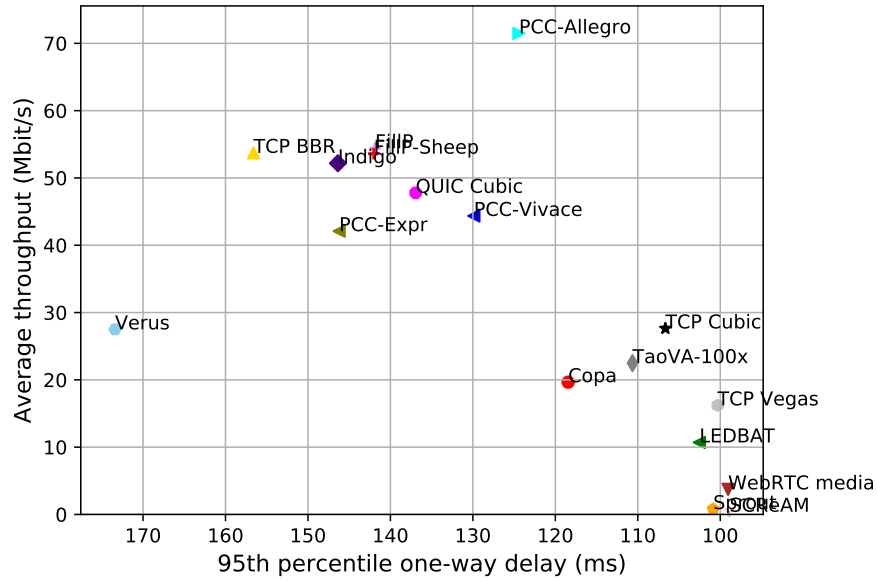
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

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

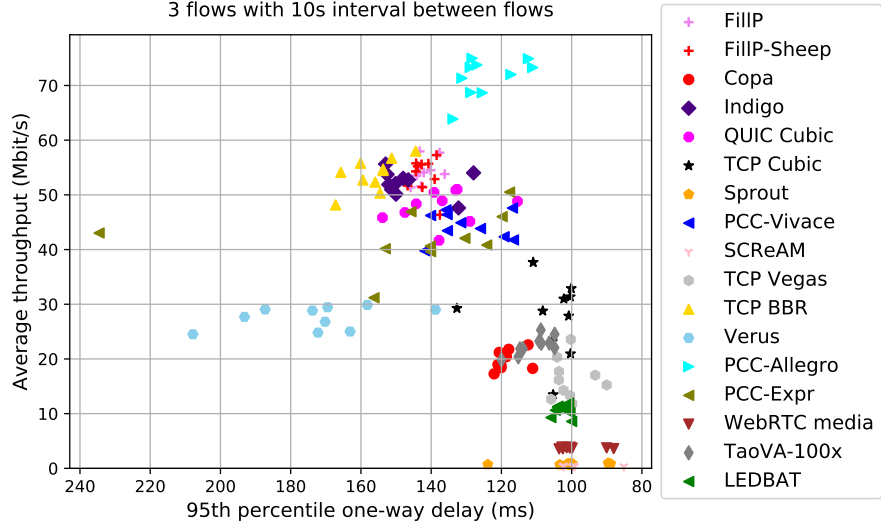
Git summary:

```
branch: master @ 9250dbeec7fb57193cdff1ba8c440b4e16ab30f0
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ 37162fe9af85249aeccac061c93e75640ef710b5
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-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 Korea to China, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows (mean of all runs by scheme)



test from AWS Korea to China, 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	32.88	22.44	18.00	143.60	160.11	165.30	15.61	13.19	11.22
Copa	10	9.00	10.07	12.61	117.78	111.44	119.80	10.35	8.30	4.49
TCP Cubic	10	11.63	15.67	16.79	96.92	105.24	110.85	0.70	0.58	0.83
FillP	10	33.27	22.91	17.78	136.23	138.87	150.10	33.59	34.24	35.92
FillP-Sheep	10	32.77	22.09	18.52	139.42	139.03	141.70	37.40	38.68	31.78
Indigo	10	33.70	21.31	13.48	144.50	145.40	130.06	17.47	4.48	2.51
LEDBAT	10	5.72	5.46	4.11	98.47	99.55	96.33	0.30	0.27	0.07
PCC-Allegro	10	54.15	20.10	12.02	123.40	110.23	110.60	17.87	3.92	6.09
PCC-Expr	10	29.39	15.28	7.70	144.07	162.38	174.51	30.39	16.03	19.45
QUIC Cubic	10	25.98	24.19	17.67	127.80	137.72	138.93	2.39	1.95	2.90
SCReAM	10	0.19	0.22	0.22	91.63	93.05	94.63	0.08	0.00	0.04
Sprout	10	0.33	0.38	0.65	96.93	93.13	92.06	0.06	0.05	0.01
TaoVA-100x	10	12.14	11.49	9.04	107.92	112.17	115.01	2.47	3.22	6.91
TCP Vegas	10	8.03	8.09	8.42	93.43	99.99	100.35	0.37	0.64	1.13
Verus	10	19.06	9.89	6.59	158.40	151.52	137.35	78.47	51.31	40.12
PCC-Vivace	10	34.01	12.33	6.51	128.82	110.61	112.79	6.27	0.20	0.57
WebRTC media	10	2.00	1.31	0.44	92.59	95.00	94.36	0.02	0.04	0.06

Run 1: Statistics of TCP BBR

Start at: 2018-07-10 03:55:35

End at: 2018-07-10 03:56:05

Local clock offset: 0.801 ms

Remote clock offset: -0.86 ms

Below is generated by plot.py at 2018-07-10 07:36:26

Datalink statistics

-- Total of 3 flows:

Average throughput: 56.69 Mbit/s

95th percentile per-packet one-way delay: 151.254 ms

Loss rate: 16.00%

-- Flow 1:

Average throughput: 35.87 Mbit/s

95th percentile per-packet one-way delay: 139.568 ms

Loss rate: 18.47%

-- Flow 2:

Average throughput: 22.02 Mbit/s

95th percentile per-packet one-way delay: 152.907 ms

Loss rate: 11.74%

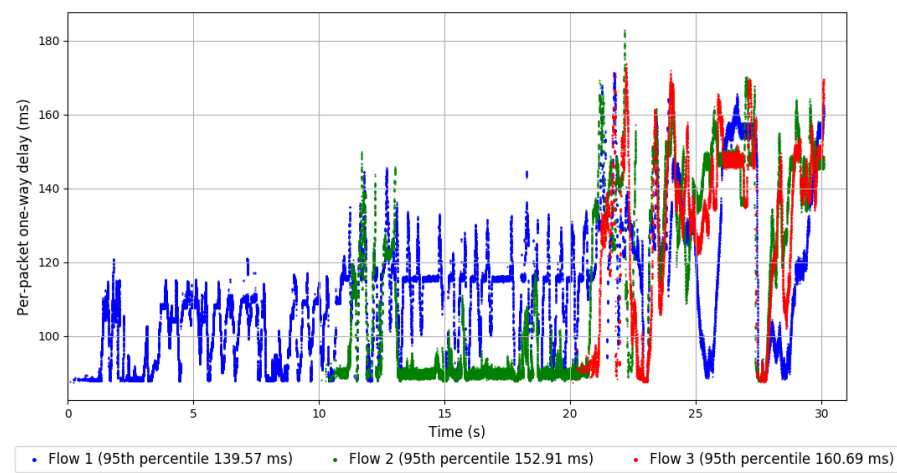
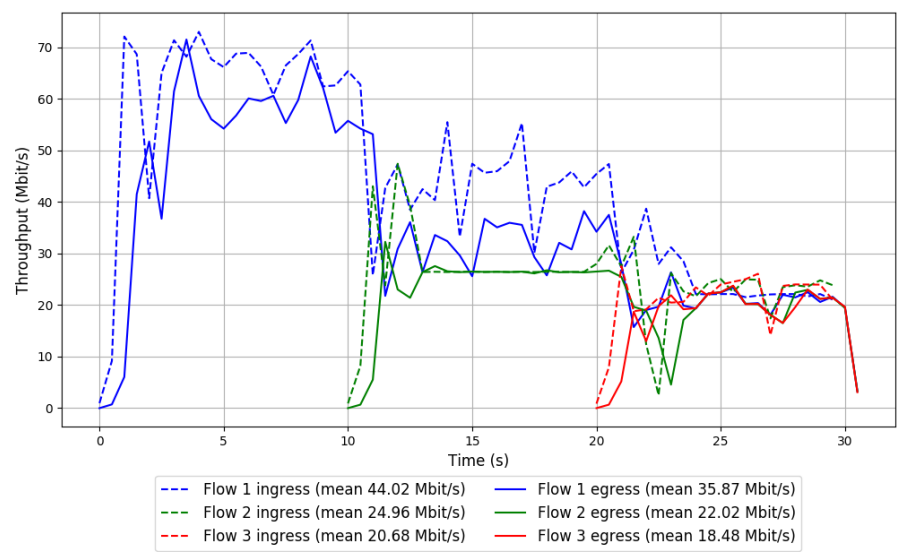
-- Flow 3:

Average throughput: 18.48 Mbit/s

95th percentile per-packet one-way delay: 160.689 ms

Loss rate: 10.49%

Run 1: Report of TCP BBR — Data Link

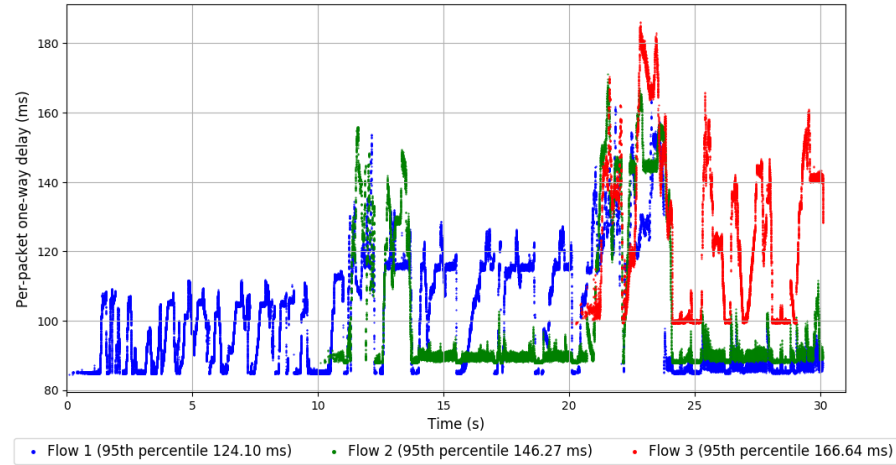
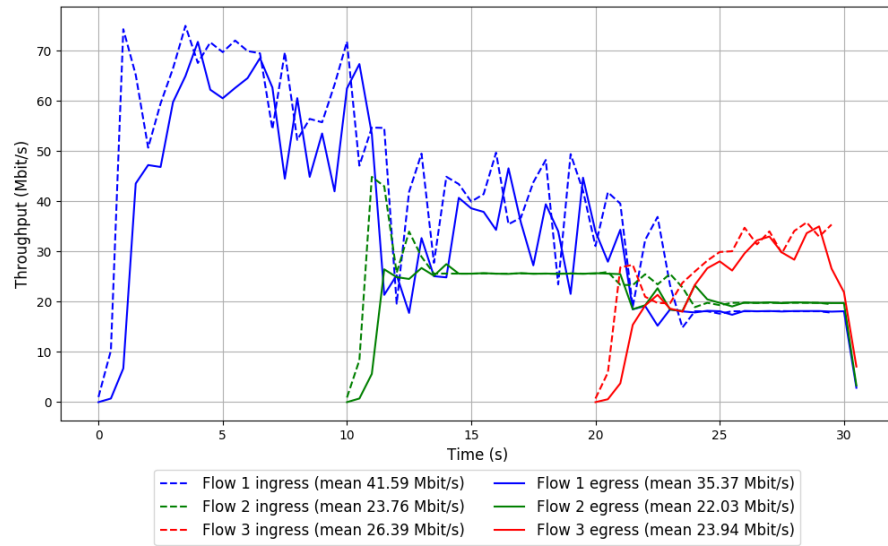


Run 2: Statistics of TCP BBR

Start at: 2018-07-10 04:19:23
End at: 2018-07-10 04:19:53
Local clock offset: 0.671 ms
Remote clock offset: -0.794 ms

Below is generated by plot.py at 2018-07-10 07:36:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 58.00 Mbit/s
95th percentile per-packet one-way delay: 144.409 ms
Loss rate: 12.35%
-- Flow 1:
Average throughput: 35.37 Mbit/s
95th percentile per-packet one-way delay: 124.103 ms
Loss rate: 14.95%
-- Flow 2:
Average throughput: 22.03 Mbit/s
95th percentile per-packet one-way delay: 146.270 ms
Loss rate: 7.25%
-- Flow 3:
Average throughput: 23.94 Mbit/s
95th percentile per-packet one-way delay: 166.642 ms
Loss rate: 9.23%

Run 2: Report of TCP BBR — Data Link

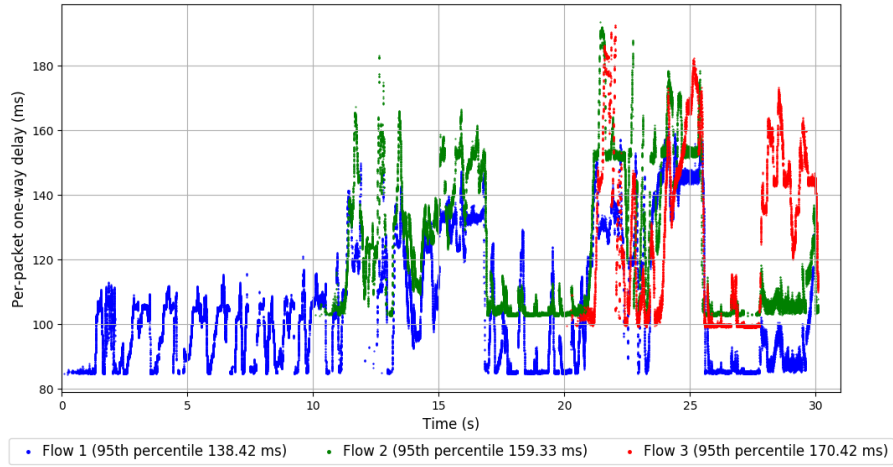
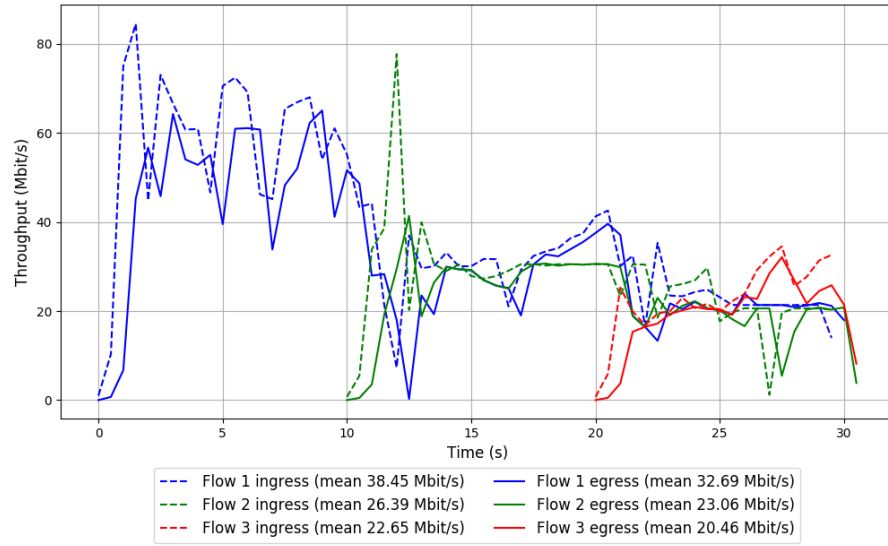


Run 3: Statistics of TCP BBR

Start at: 2018-07-10 04:43:06
End at: 2018-07-10 04:43:36
Local clock offset: 0.139 ms
Remote clock offset: -0.543 ms

Below is generated by plot.py at 2018-07-10 07:36:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 54.70 Mbit/s
95th percentile per-packet one-way delay: 153.684 ms
Loss rate: 13.62%
-- Flow 1:
Average throughput: 32.69 Mbit/s
95th percentile per-packet one-way delay: 138.418 ms
Loss rate: 14.87%
-- Flow 2:
Average throughput: 23.06 Mbit/s
95th percentile per-packet one-way delay: 159.326 ms
Loss rate: 12.60%
-- Flow 3:
Average throughput: 20.46 Mbit/s
95th percentile per-packet one-way delay: 170.420 ms
Loss rate: 9.67%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2018-07-10 05:06:48

End at: 2018-07-10 05:07:18

Local clock offset: -0.072 ms

Remote clock offset: -0.21 ms

Below is generated by plot.py at 2018-07-10 07:36:28

Datalink statistics

-- Total of 3 flows:

Average throughput: 55.79 Mbit/s

95th percentile per-packet one-way delay: 160.112 ms

Loss rate: 10.43%

-- Flow 1:

Average throughput: 34.31 Mbit/s

95th percentile per-packet one-way delay: 157.981 ms

Loss rate: 10.99%

-- Flow 2:

Average throughput: 22.89 Mbit/s

95th percentile per-packet one-way delay: 164.610 ms

Loss rate: 9.34%

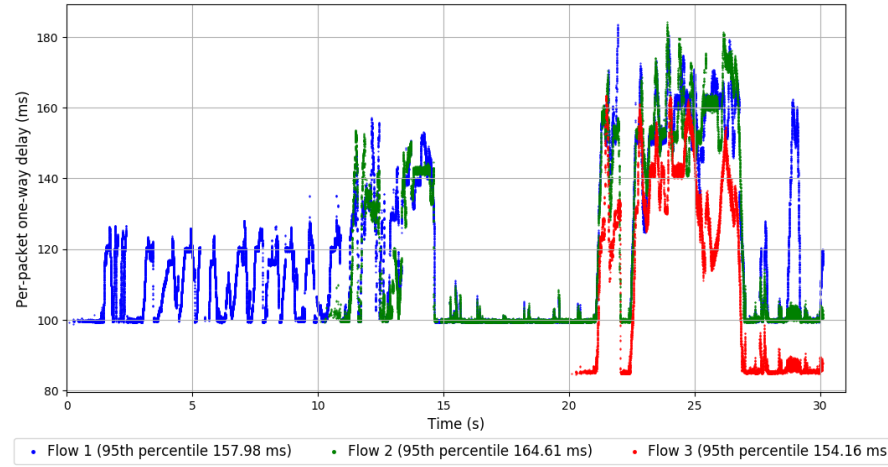
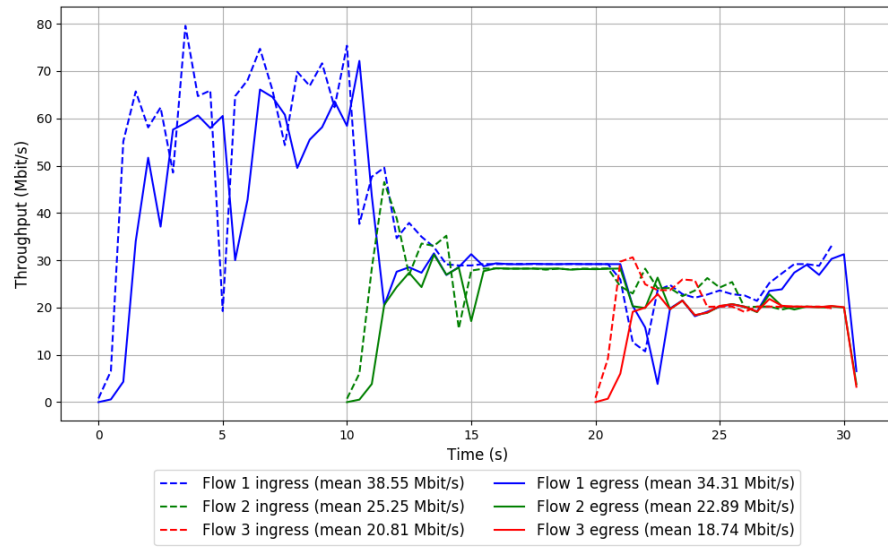
-- Flow 3:

Average throughput: 18.74 Mbit/s

95th percentile per-packet one-way delay: 154.156 ms

Loss rate: 9.94%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-07-10 05:30:30

End at: 2018-07-10 05:31:00

Local clock offset: -0.131 ms

Remote clock offset: 0.013 ms

Below is generated by plot.py at 2018-07-10 07:36:28

Datalink statistics

-- Total of 3 flows:

Average throughput: 54.11 Mbit/s

95th percentile per-packet one-way delay: 165.733 ms

Loss rate: 14.35%

-- Flow 1:

Average throughput: 33.01 Mbit/s

95th percentile per-packet one-way delay: 165.688 ms

Loss rate: 13.58%

-- Flow 2:

Average throughput: 23.19 Mbit/s

95th percentile per-packet one-way delay: 157.415 ms

Loss rate: 16.11%

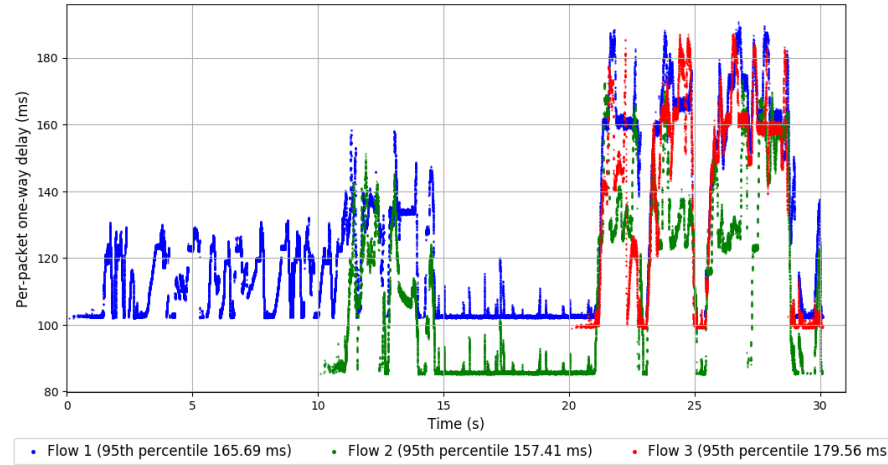
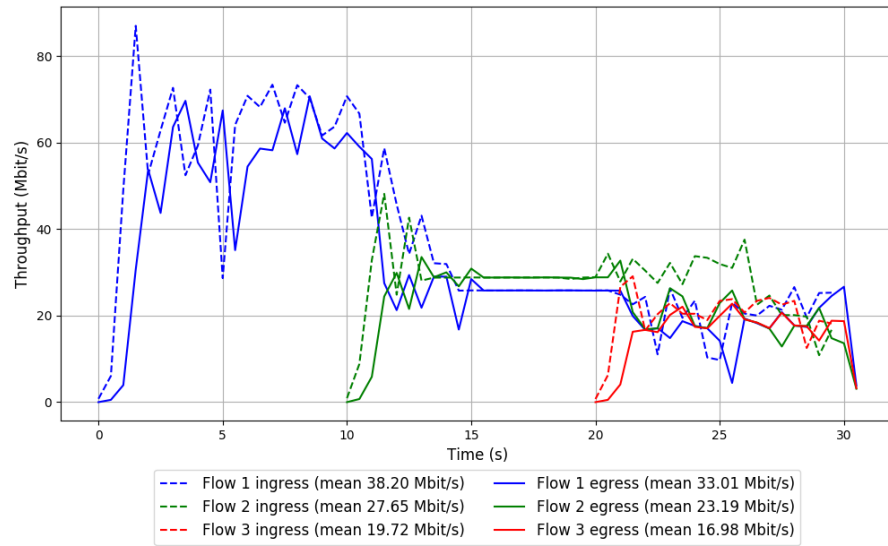
-- Flow 3:

Average throughput: 16.98 Mbit/s

95th percentile per-packet one-way delay: 179.558 ms

Loss rate: 13.87%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-07-10 05:54:14

End at: 2018-07-10 05:54:44

Local clock offset: -0.575 ms

Remote clock offset: 0.031 ms

Below is generated by plot.py at 2018-07-10 07:36:28

Datalink statistics

-- Total of 3 flows:

Average throughput: 50.32 Mbit/s

95th percentile per-packet one-way delay: 154.560 ms

Loss rate: 16.39%

-- Flow 1:

Average throughput: 30.77 Mbit/s

95th percentile per-packet one-way delay: 142.222 ms

Loss rate: 17.05%

-- Flow 2:

Average throughput: 22.85 Mbit/s

95th percentile per-packet one-way delay: 158.659 ms

Loss rate: 16.90%

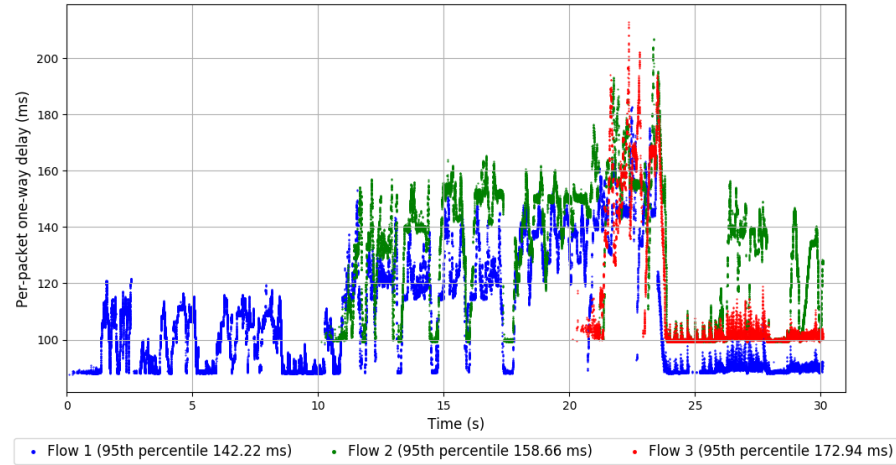
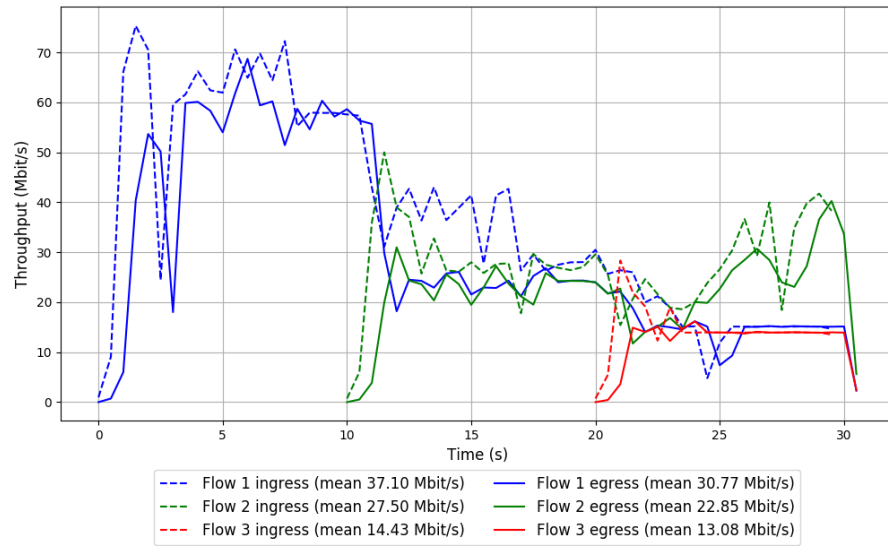
-- Flow 3:

Average throughput: 13.08 Mbit/s

95th percentile per-packet one-way delay: 172.935 ms

Loss rate: 9.34%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: 2018-07-10 06:17:59

End at: 2018-07-10 06:18:29

Local clock offset: -0.568 ms

Remote clock offset: 0.276 ms

Below is generated by plot.py at 2018-07-10 07:36:28

Datalink statistics

-- Total of 3 flows:

Average throughput: 52.71 Mbit/s

95th percentile per-packet one-way delay: 159.438 ms

Loss rate: 15.93%

-- Flow 1:

Average throughput: 32.30 Mbit/s

95th percentile per-packet one-way delay: 138.659 ms

Loss rate: 15.15%

-- Flow 2:

Average throughput: 22.23 Mbit/s

95th percentile per-packet one-way delay: 168.429 ms

Loss rate: 17.49%

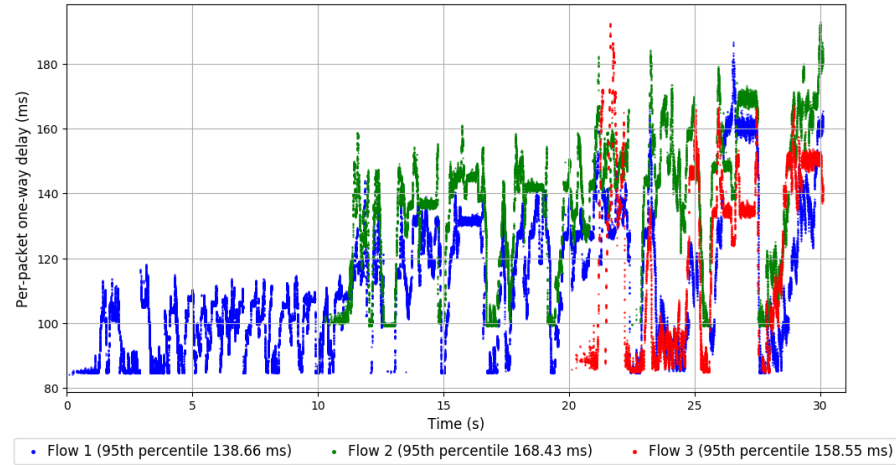
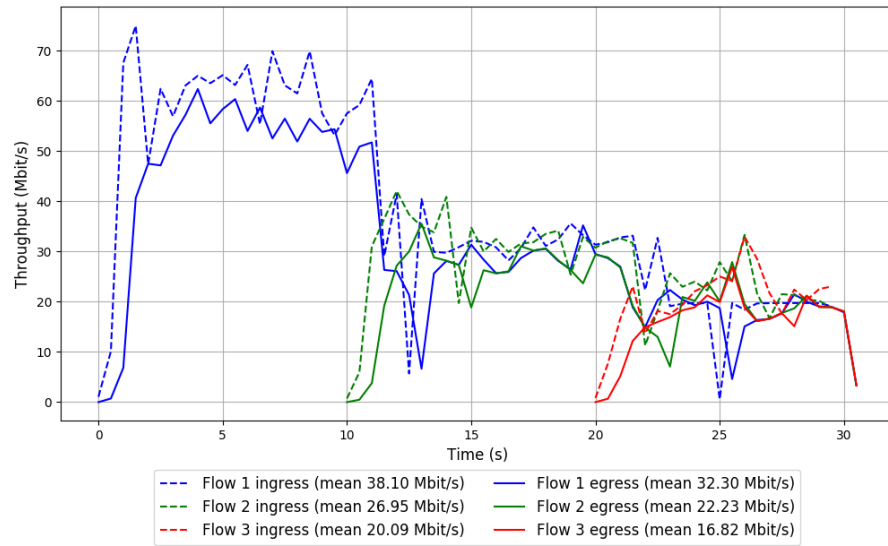
-- Flow 3:

Average throughput: 16.82 Mbit/s

95th percentile per-packet one-way delay: 158.552 ms

Loss rate: 16.13%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-07-10 06:41:41

End at: 2018-07-10 06:42:11

Local clock offset: -0.235 ms

Remote clock offset: 8.426 ms

Below is generated by plot.py at 2018-07-10 07:36:28

Datalink statistics

-- Total of 3 flows:

Average throughput: 54.46 Mbit/s

95th percentile per-packet one-way delay: 153.687 ms

Loss rate: 14.64%

-- Flow 1:

Average throughput: 33.19 Mbit/s

95th percentile per-packet one-way delay: 146.833 ms

Loss rate: 16.22%

-- Flow 2:

Average throughput: 23.71 Mbit/s

95th percentile per-packet one-way delay: 160.407 ms

Loss rate: 12.20%

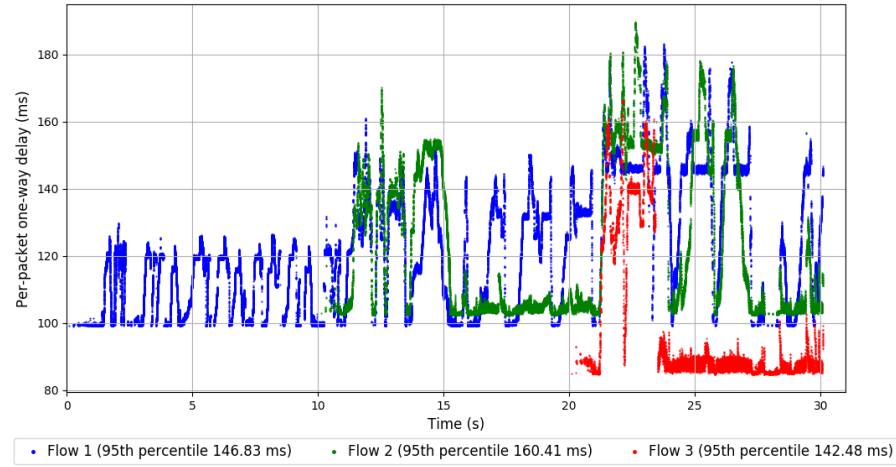
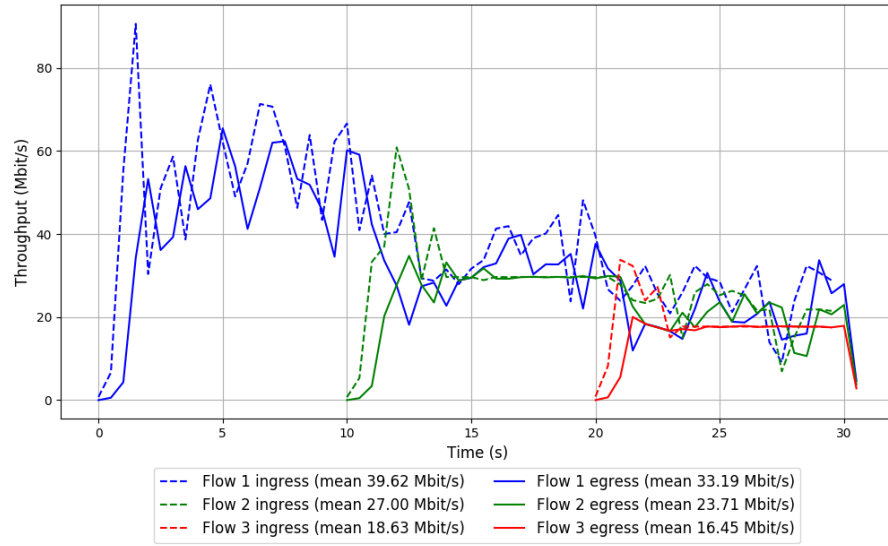
-- Flow 3:

Average throughput: 16.45 Mbit/s

95th percentile per-packet one-way delay: 142.476 ms

Loss rate: 11.66%

Run 8: Report of TCP BBR — Data Link

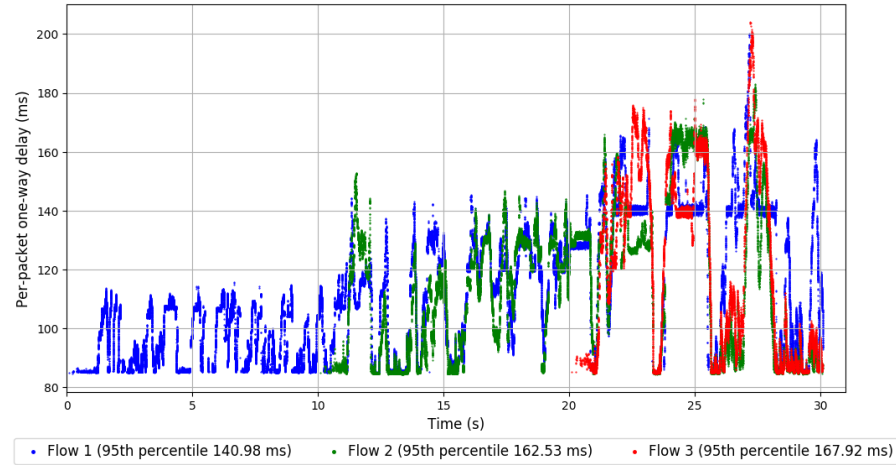
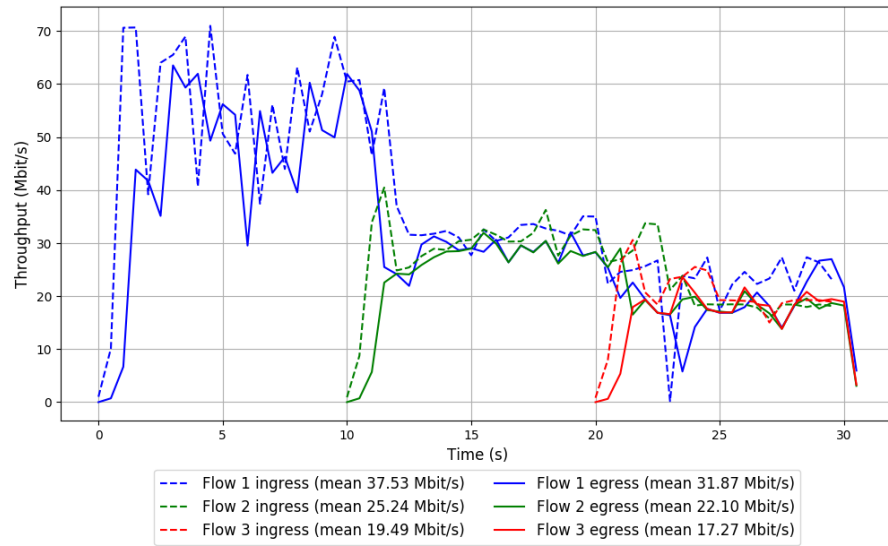


Run 9: Statistics of TCP BBR

Start at: 2018-07-10 07:05:18
End at: 2018-07-10 07:05:48
Local clock offset: -0.016 ms
Remote clock offset: 13.676 ms

Below is generated by plot.py at 2018-07-10 07:37:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 52.33 Mbit/s
95th percentile per-packet one-way delay: 155.935 ms
Loss rate: 13.95%
-- Flow 1:
Average throughput: 31.87 Mbit/s
95th percentile per-packet one-way delay: 140.976 ms
Loss rate: 15.05%
-- Flow 2:
Average throughput: 22.10 Mbit/s
95th percentile per-packet one-way delay: 162.529 ms
Loss rate: 12.45%
-- Flow 3:
Average throughput: 17.27 Mbit/s
95th percentile per-packet one-way delay: 167.923 ms
Loss rate: 11.41%

Run 9: Report of TCP BBR — Data Link

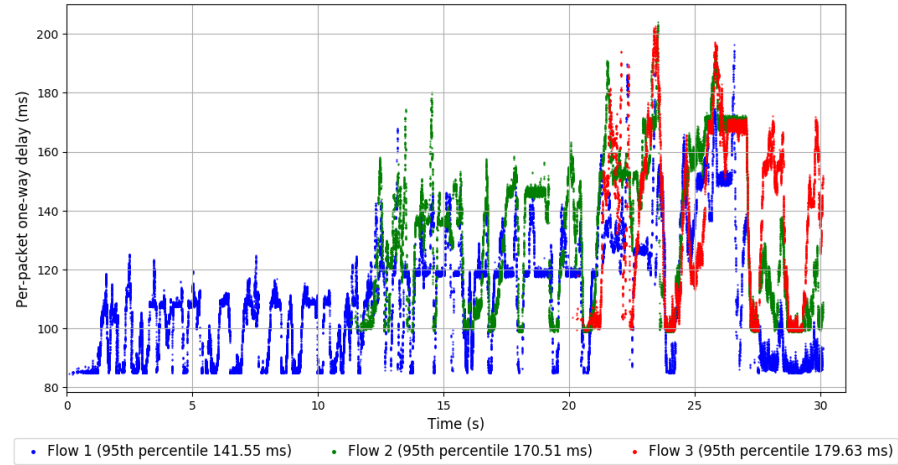
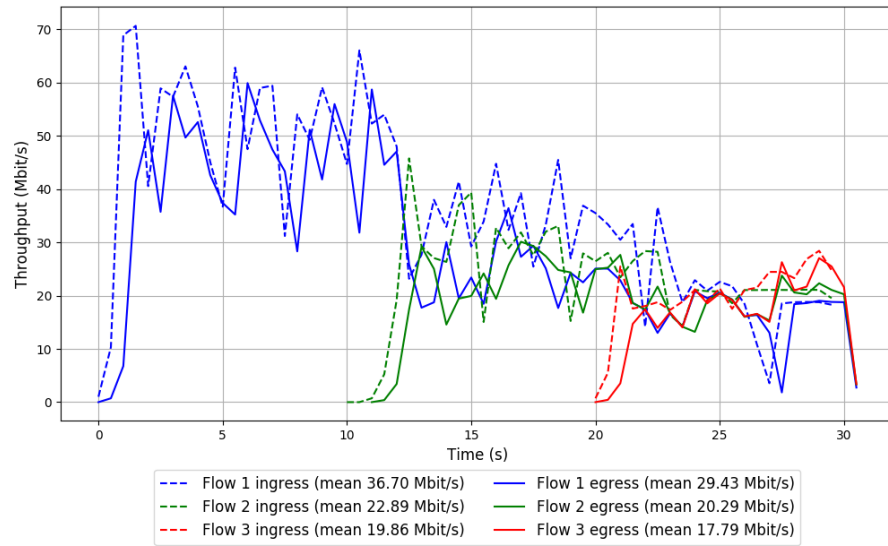


Run 10: Statistics of TCP BBR

Start at: 2018-07-10 07:29:00
End at: 2018-07-10 07:29:30
Local clock offset: -0.105 ms
Remote clock offset: 17.406 ms

Below is generated by plot.py at 2018-07-10 07:37:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.16 Mbit/s
95th percentile per-packet one-way delay: 167.214 ms
Loss rate: 17.71%
-- Flow 1:
Average throughput: 29.43 Mbit/s
95th percentile per-packet one-way delay: 141.552 ms
Loss rate: 19.78%
-- Flow 2:
Average throughput: 20.29 Mbit/s
95th percentile per-packet one-way delay: 170.509 ms
Loss rate: 15.85%
-- Flow 3:
Average throughput: 17.79 Mbit/s
95th percentile per-packet one-way delay: 179.630 ms
Loss rate: 10.50%

Run 10: Report of TCP BBR — Data Link

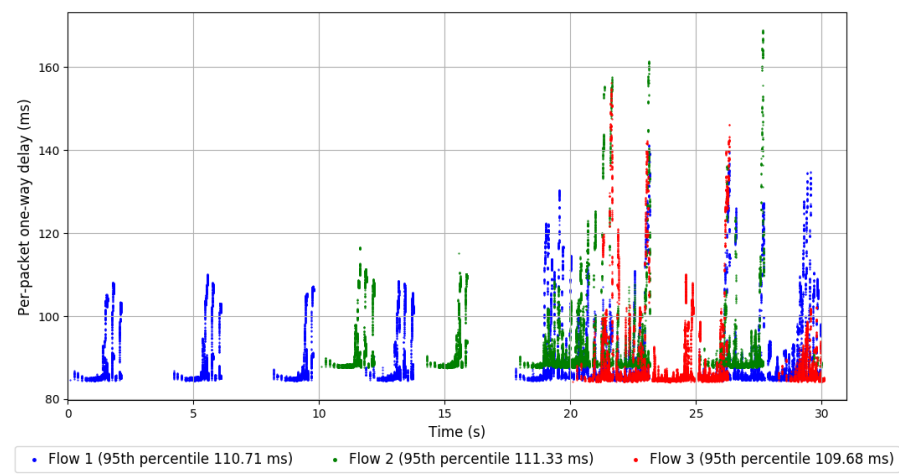
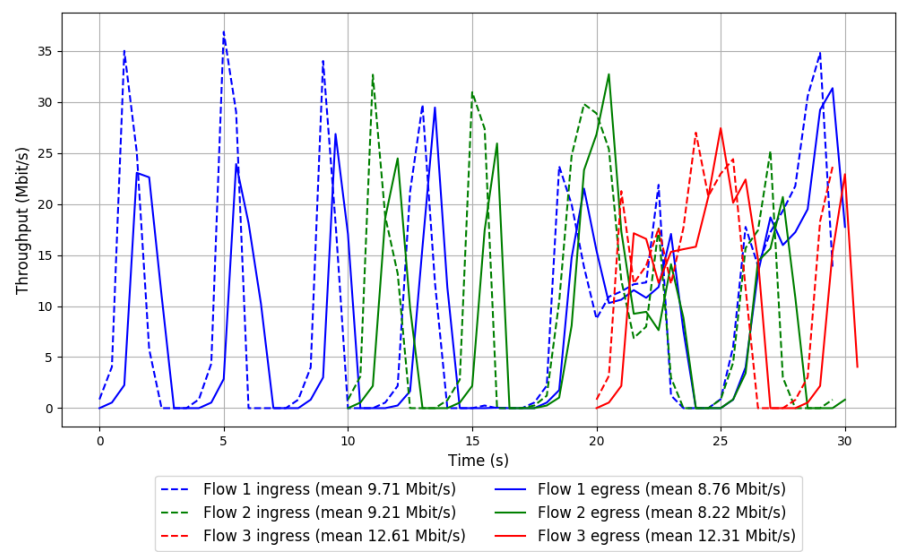


Run 1: Statistics of Copa

Start at: 2018-07-10 03:51:21
End at: 2018-07-10 03:51:51
Local clock offset: 0.727 ms
Remote clock offset: -0.812 ms

Below is generated by plot.py at 2018-07-10 07:37:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 18.28 Mbit/s
95th percentile per-packet one-way delay: 111.100 ms
Loss rate: 8.51%
-- Flow 1:
Average throughput: 8.76 Mbit/s
95th percentile per-packet one-way delay: 110.714 ms
Loss rate: 9.75%
-- Flow 2:
Average throughput: 8.22 Mbit/s
95th percentile per-packet one-way delay: 111.332 ms
Loss rate: 10.74%
-- Flow 3:
Average throughput: 12.31 Mbit/s
95th percentile per-packet one-way delay: 109.680 ms
Loss rate: 2.37%

Run 1: Report of Copa — Data Link

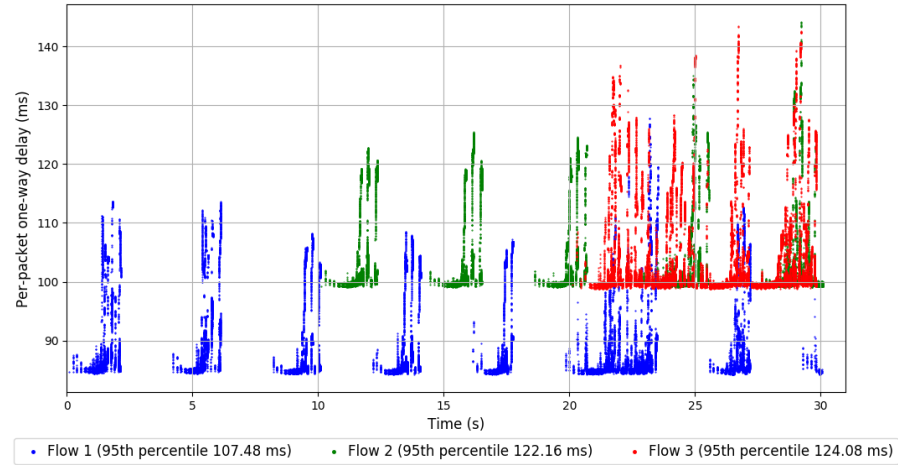
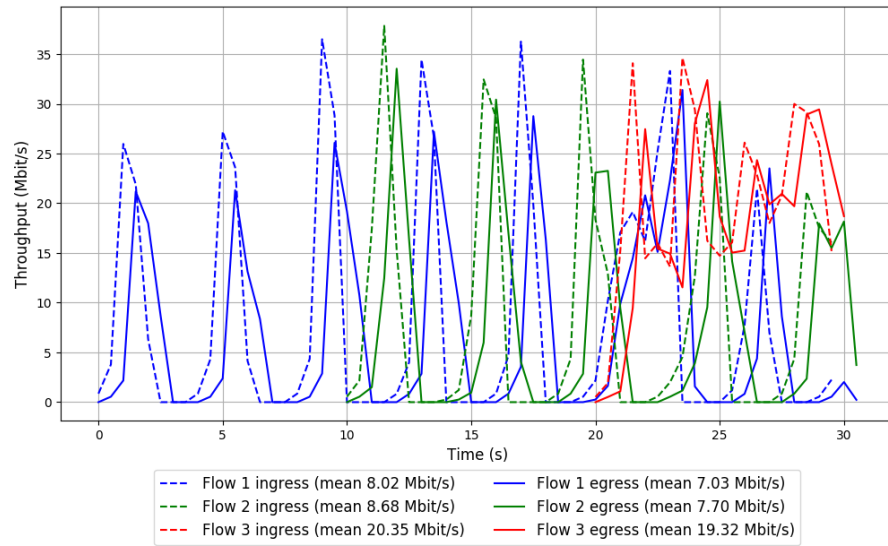


Run 2: Statistics of Copa

Start at: 2018-07-10 04:15:11
End at: 2018-07-10 04:15:41
Local clock offset: 0.447 ms
Remote clock offset: -0.799 ms

Below is generated by plot.py at 2018-07-10 07:37:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 18.42 Mbit/s
95th percentile per-packet one-way delay: 120.079 ms
Loss rate: 9.61%
-- Flow 1:
Average throughput: 7.03 Mbit/s
95th percentile per-packet one-way delay: 107.476 ms
Loss rate: 12.31%
-- Flow 2:
Average throughput: 7.70 Mbit/s
95th percentile per-packet one-way delay: 122.156 ms
Loss rate: 11.25%
-- Flow 3:
Average throughput: 19.32 Mbit/s
95th percentile per-packet one-way delay: 124.082 ms
Loss rate: 4.88%

Run 2: Report of Copa — Data Link

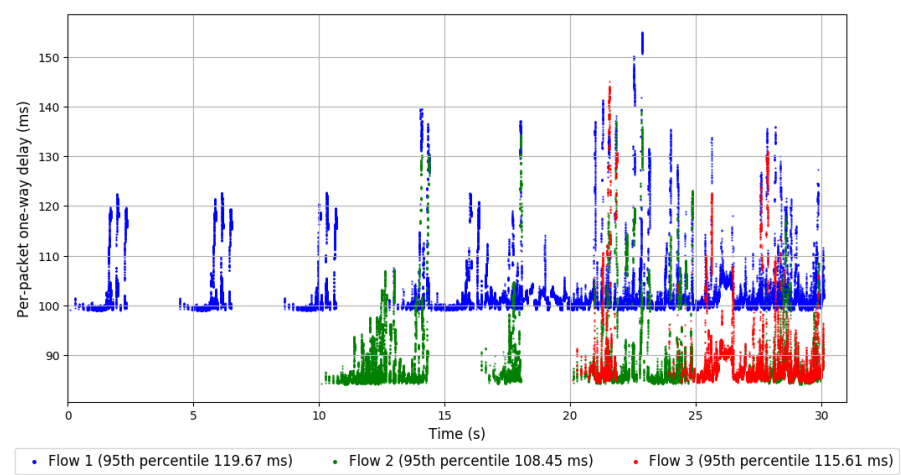
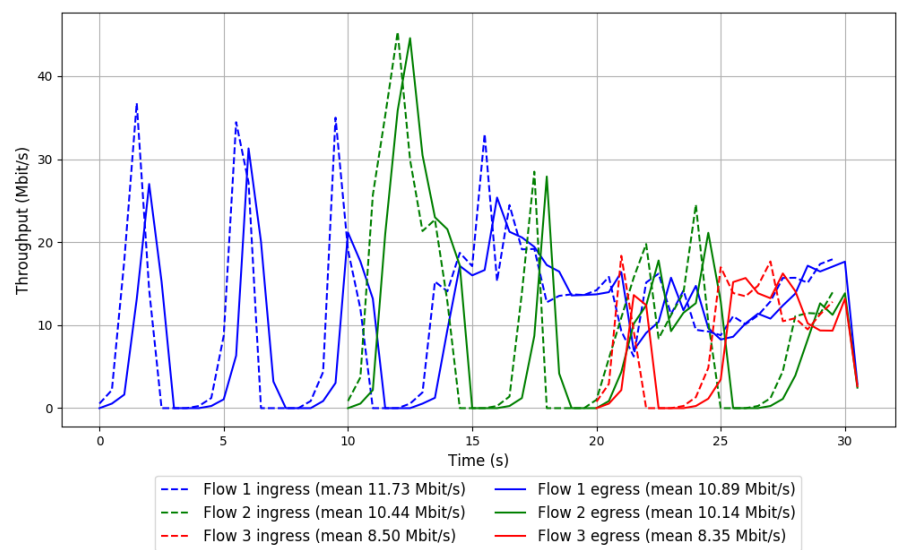


Run 3: Statistics of Copa

Start at: 2018-07-10 04:38:53
End at: 2018-07-10 04:39:23
Local clock offset: 0.329 ms
Remote clock offset: -0.606 ms

Below is generated by plot.py at 2018-07-10 07:37:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 20.42 Mbit/s
95th percentile per-packet one-way delay: 118.598 ms
Loss rate: 5.06%
-- Flow 1:
Average throughput: 10.89 Mbit/s
95th percentile per-packet one-way delay: 119.665 ms
Loss rate: 7.18%
-- Flow 2:
Average throughput: 10.14 Mbit/s
95th percentile per-packet one-way delay: 108.451 ms
Loss rate: 2.86%
-- Flow 3:
Average throughput: 8.35 Mbit/s
95th percentile per-packet one-way delay: 115.608 ms
Loss rate: 1.66%

Run 3: Report of Copa — Data Link

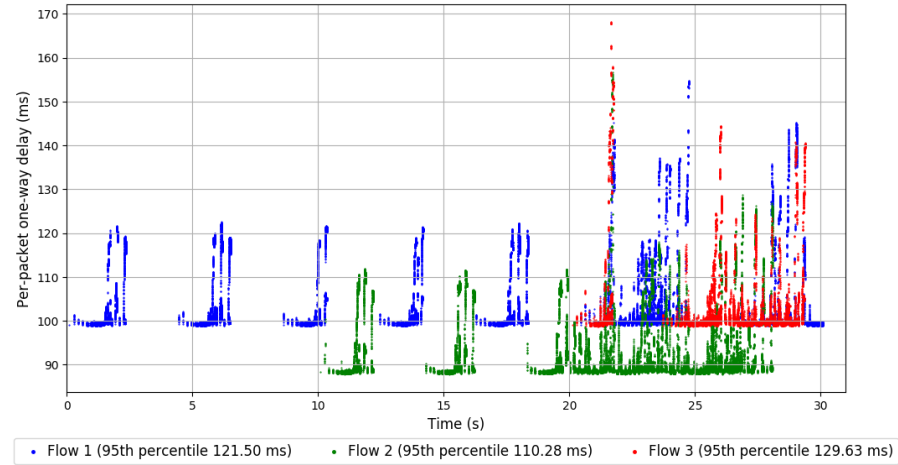
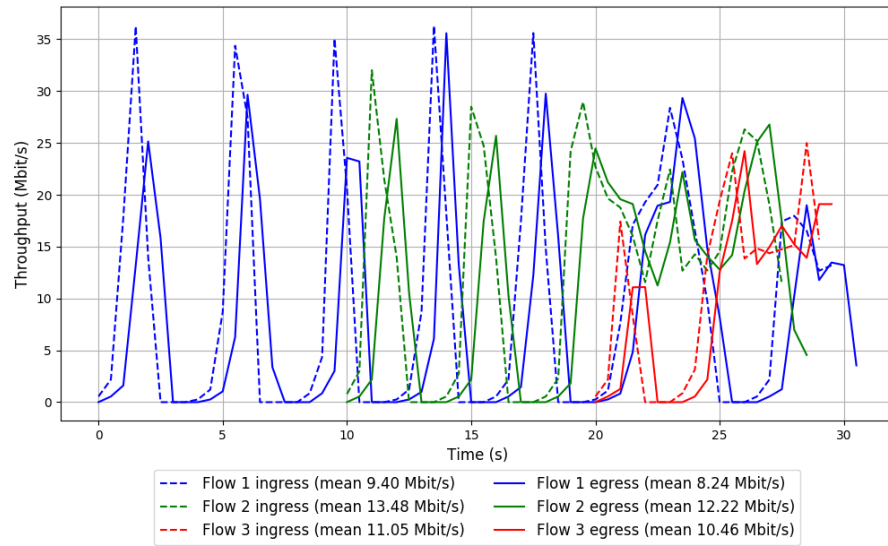


Run 4: Statistics of Copa

Start at: 2018-07-10 05:02:36
End at: 2018-07-10 05:03:06
Local clock offset: -0.015 ms
Remote clock offset: -0.246 ms

Below is generated by plot.py at 2018-07-10 07:37:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 18.81 Mbit/s
95th percentile per-packet one-way delay: 120.123 ms
Loss rate: 9.92%
-- Flow 1:
Average throughput: 8.24 Mbit/s
95th percentile per-packet one-way delay: 121.498 ms
Loss rate: 12.31%
-- Flow 2:
Average throughput: 12.22 Mbit/s
95th percentile per-packet one-way delay: 110.275 ms
Loss rate: 9.23%
-- Flow 3:
Average throughput: 10.46 Mbit/s
95th percentile per-packet one-way delay: 129.635 ms
Loss rate: 4.94%

Run 4: Report of Copa — Data Link

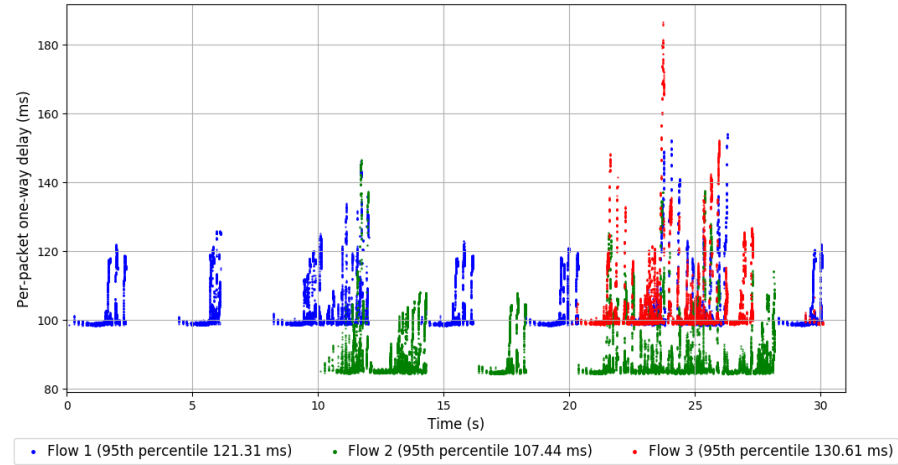
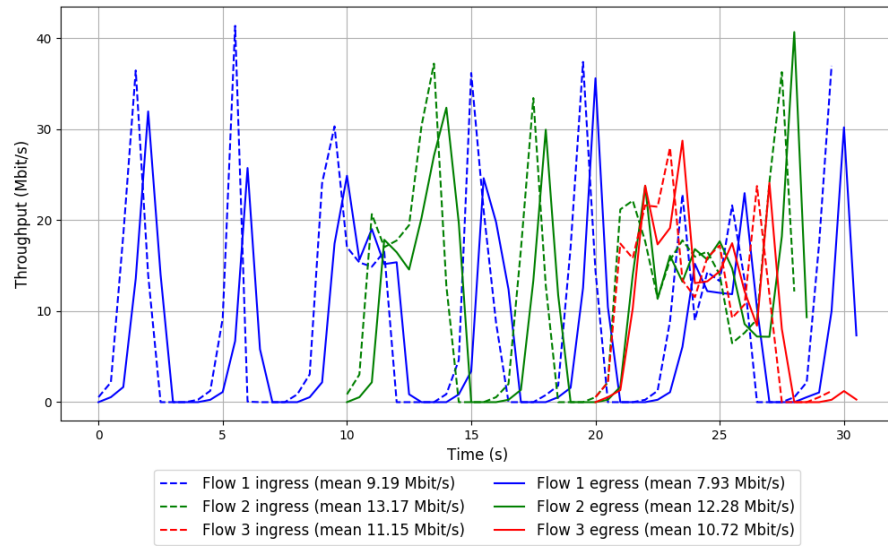


Run 5: Statistics of Copa

Start at: 2018-07-10 05:26:17
End at: 2018-07-10 05:26:47
Local clock offset: 0.047 ms
Remote clock offset: -0.054 ms

Below is generated by plot.py at 2018-07-10 07:37:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 18.89 Mbit/s
95th percentile per-packet one-way delay: 120.554 ms
Loss rate: 9.24%
-- Flow 1:
Average throughput: 7.93 Mbit/s
95th percentile per-packet one-way delay: 121.310 ms
Loss rate: 13.68%
-- Flow 2:
Average throughput: 12.28 Mbit/s
95th percentile per-packet one-way delay: 107.435 ms
Loss rate: 6.63%
-- Flow 3:
Average throughput: 10.72 Mbit/s
95th percentile per-packet one-way delay: 130.611 ms
Loss rate: 3.84%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2018-07-10 05:49:59

End at: 2018-07-10 05:50:29

Local clock offset: -0.416 ms

Remote clock offset: 0.038 ms

Below is generated by plot.py at 2018-07-10 07:37:06

Datalink statistics

-- Total of 3 flows:

Average throughput: 21.19 Mbit/s

95th percentile per-packet one-way delay: 120.620 ms

Loss rate: 6.84%

-- Flow 1:

Average throughput: 8.85 Mbit/s

95th percentile per-packet one-way delay: 120.850 ms

Loss rate: 10.03%

-- Flow 2:

Average throughput: 11.98 Mbit/s

95th percentile per-packet one-way delay: 108.035 ms

Loss rate: 4.05%

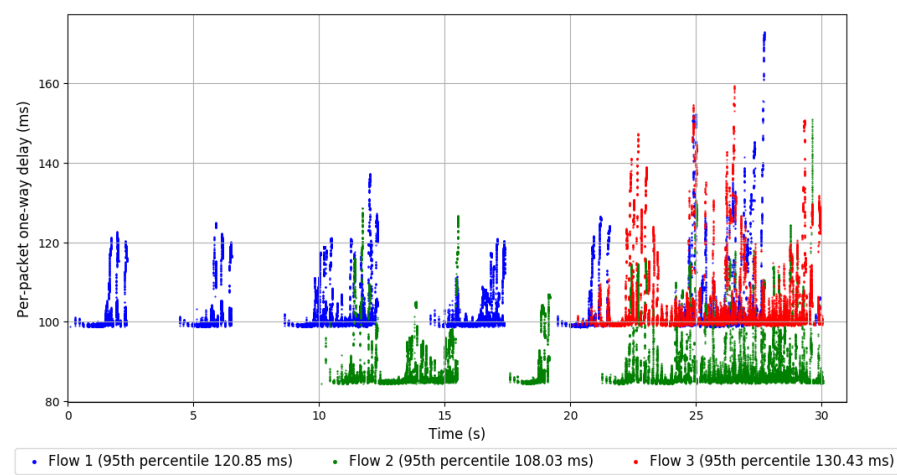
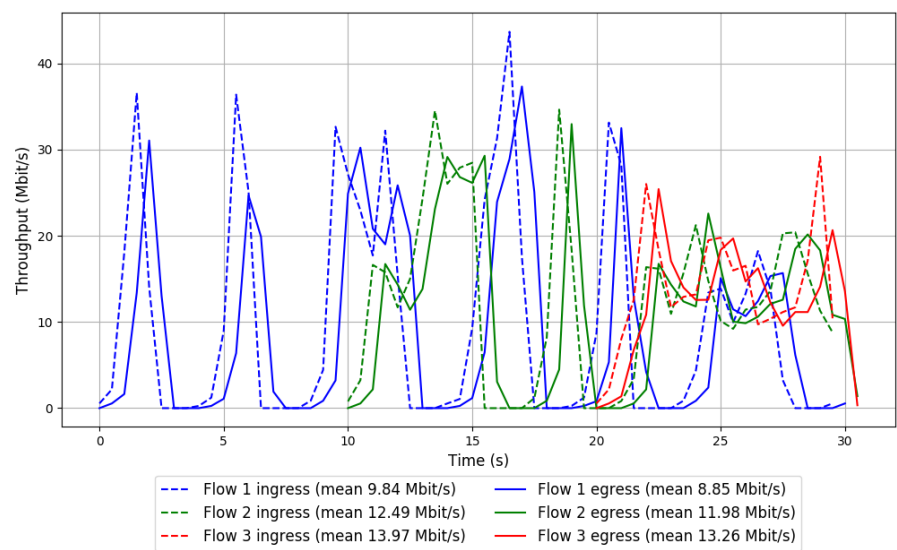
-- Flow 3:

Average throughput: 13.26 Mbit/s

95th percentile per-packet one-way delay: 130.426 ms

Loss rate: 5.08%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2018-07-10 06:13:46

End at: 2018-07-10 06:14:16

Local clock offset: -0.492 ms

Remote clock offset: 0.219 ms

Below is generated by plot.py at 2018-07-10 07:37:28

Datalink statistics

-- Total of 3 flows:

Average throughput: 21.76 Mbit/s

95th percentile per-packet one-way delay: 117.925 ms

Loss rate: 7.84%

-- Flow 1:

Average throughput: 11.95 Mbit/s

95th percentile per-packet one-way delay: 117.916 ms

Loss rate: 5.58%

-- Flow 2:

Average throughput: 8.79 Mbit/s

95th percentile per-packet one-way delay: 106.754 ms

Loss rate: 12.13%

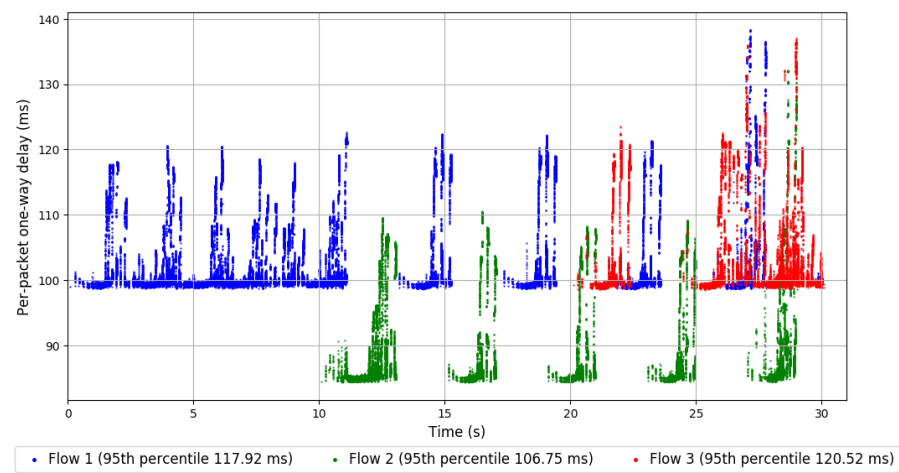
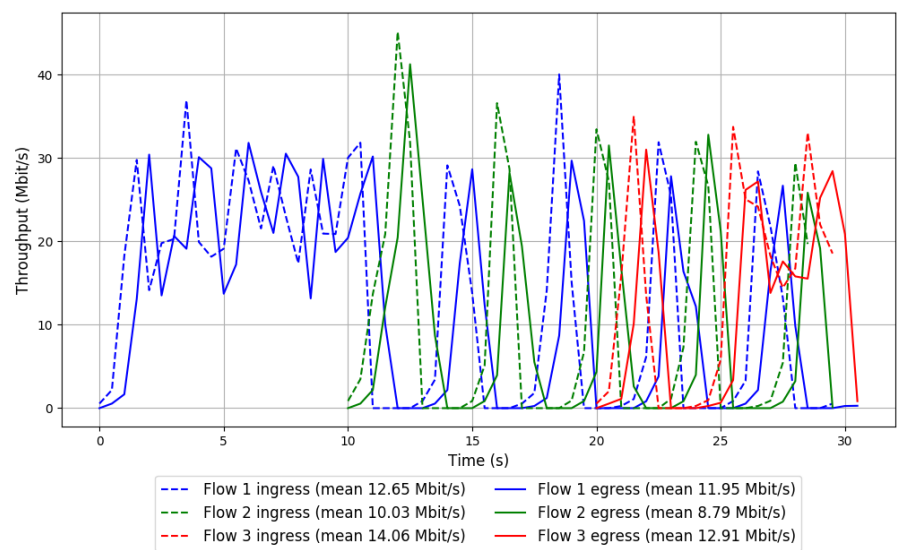
-- Flow 3:

Average throughput: 12.91 Mbit/s

95th percentile per-packet one-way delay: 120.520 ms

Loss rate: 8.17%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: 2018-07-10 06:37:29

End at: 2018-07-10 06:37:59

Local clock offset: -0.25 ms

Remote clock offset: 6.818 ms

Below is generated by plot.py at 2018-07-10 07:37:28

Datalink statistics

-- Total of 3 flows:

Average throughput: 18.96 Mbit/s

95th percentile per-packet one-way delay: 120.989 ms

Loss rate: 10.75%

-- Flow 1:

Average throughput: 7.77 Mbit/s

95th percentile per-packet one-way delay: 121.864 ms

Loss rate: 14.82%

-- Flow 2:

Average throughput: 9.75 Mbit/s

95th percentile per-packet one-way delay: 121.726 ms

Loss rate: 9.65%

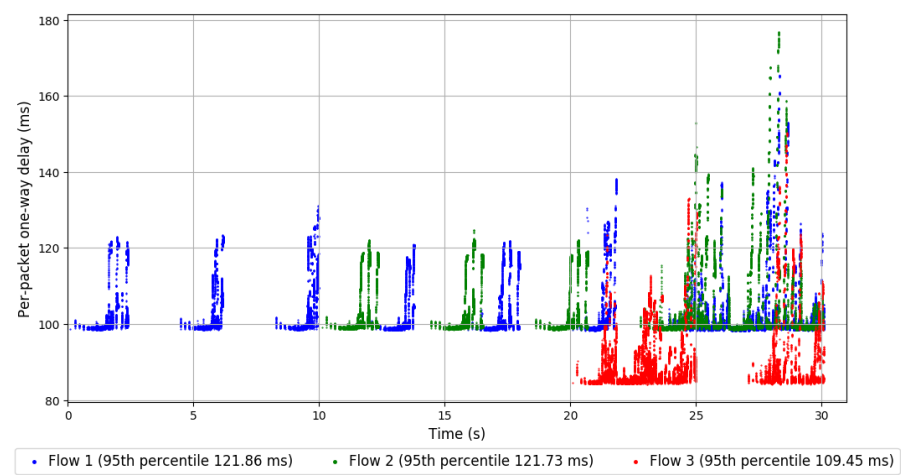
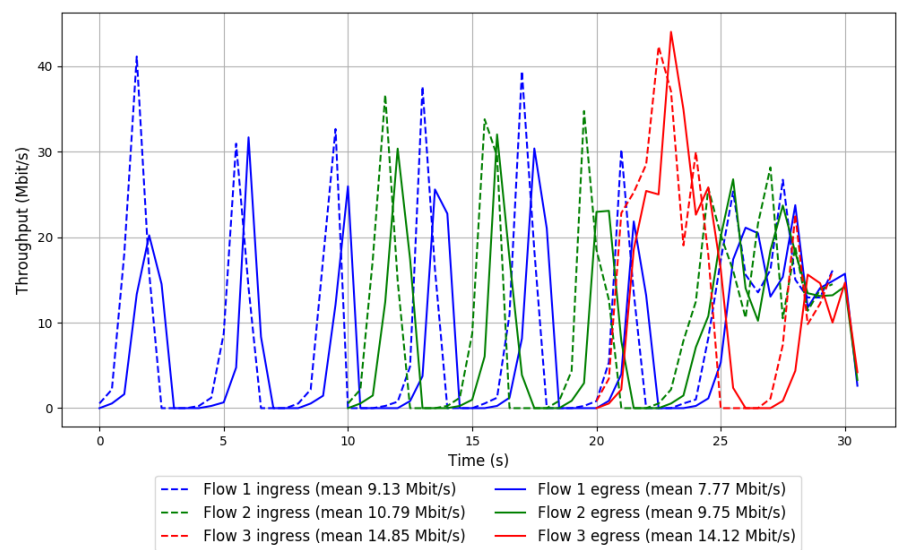
-- Flow 3:

Average throughput: 14.12 Mbit/s

95th percentile per-packet one-way delay: 109.446 ms

Loss rate: 4.82%

Run 8: Report of Copa — Data Link

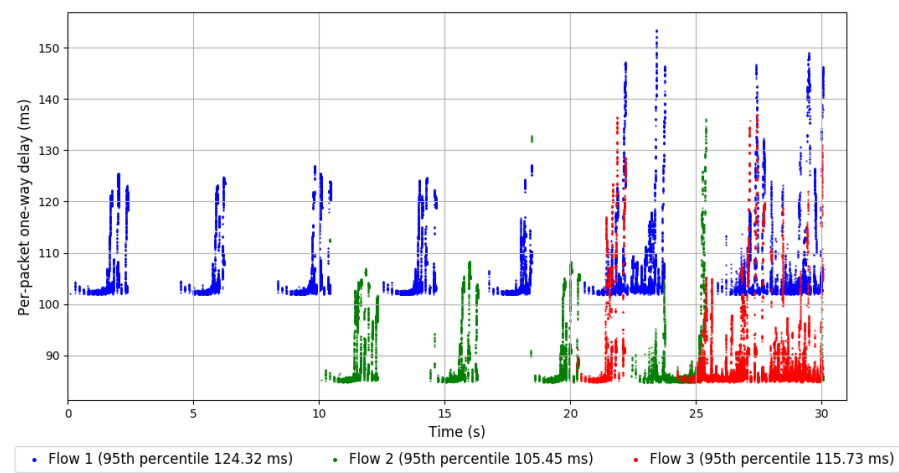
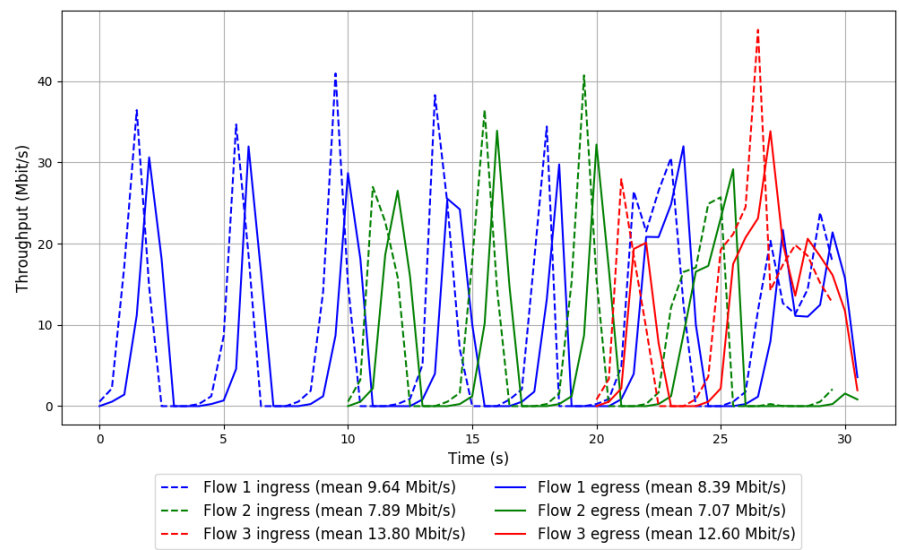


Run 9: Statistics of Copa

Start at: 2018-07-10 07:01:07
End at: 2018-07-10 07:01:37
Local clock offset: -0.242 ms
Remote clock offset: 12.966 ms

Below is generated by plot.py at 2018-07-10 07:37:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 17.28 Mbit/s
95th percentile per-packet one-way delay: 122.078 ms
Loss rate: 11.20%
-- Flow 1:
Average throughput: 8.39 Mbit/s
95th percentile per-packet one-way delay: 124.318 ms
Loss rate: 12.92%
-- Flow 2:
Average throughput: 7.07 Mbit/s
95th percentile per-packet one-way delay: 105.446 ms
Loss rate: 10.37%
-- Flow 3:
Average throughput: 12.60 Mbit/s
95th percentile per-packet one-way delay: 115.729 ms
Loss rate: 8.54%

Run 9: Report of Copa — Data Link

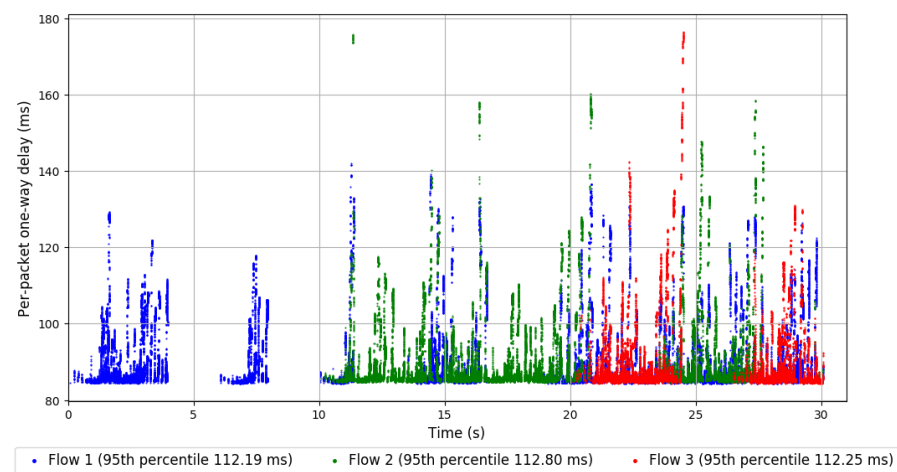
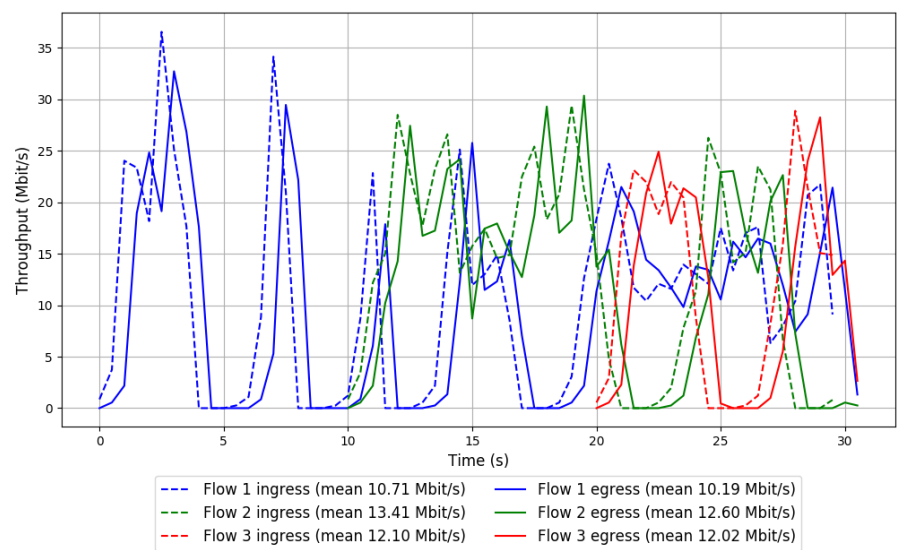


Run 10: Statistics of Copa

Start at: 2018-07-10 07:24:43
End at: 2018-07-10 07:25:13
Local clock offset: -0.154 ms
Remote clock offset: 16.756 ms

Below is generated by plot.py at 2018-07-10 07:37:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 22.58 Mbit/s
95th percentile per-packet one-way delay: 112.410 ms
Loss rate: 4.59%
-- Flow 1:
Average throughput: 10.19 Mbit/s
95th percentile per-packet one-way delay: 112.192 ms
Loss rate: 4.87%
-- Flow 2:
Average throughput: 12.60 Mbit/s
95th percentile per-packet one-way delay: 112.798 ms
Loss rate: 6.05%
-- Flow 3:
Average throughput: 12.02 Mbit/s
95th percentile per-packet one-way delay: 112.246 ms
Loss rate: 0.61%

Run 10: Report of Copa — Data Link

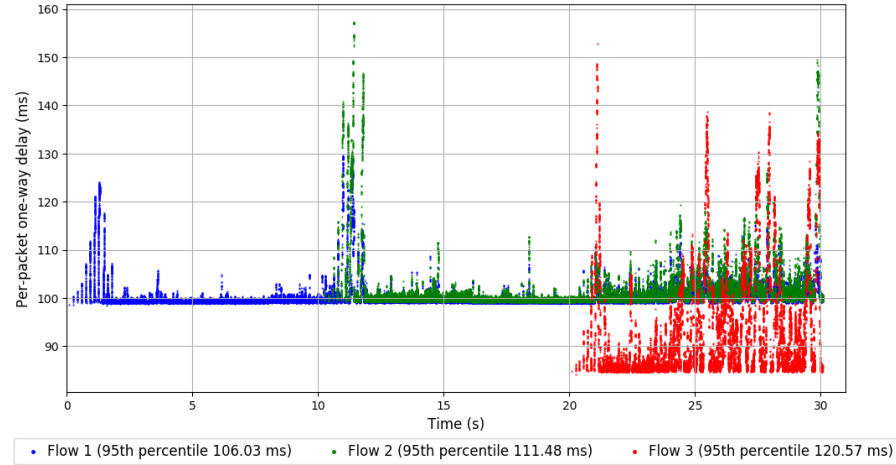
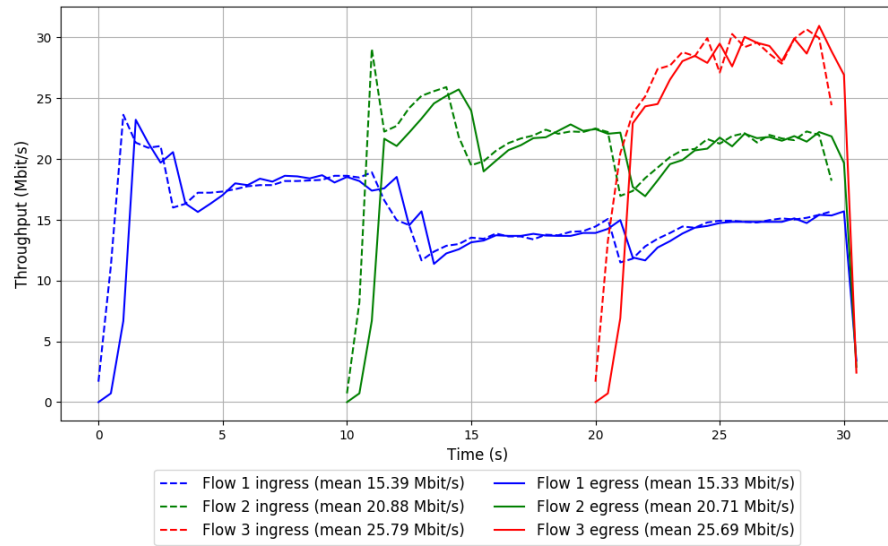


Run 1: Statistics of TCP Cubic

Start at: 2018-07-10 03:49:58
End at: 2018-07-10 03:50:28
Local clock offset: 0.735 ms
Remote clock offset: -0.789 ms

Below is generated by plot.py at 2018-07-10 07:37:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 37.66 Mbit/s
95th percentile per-packet one-way delay: 110.953 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 15.33 Mbit/s
95th percentile per-packet one-way delay: 106.031 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 20.71 Mbit/s
95th percentile per-packet one-way delay: 111.482 ms
Loss rate: 0.80%
-- Flow 3:
Average throughput: 25.69 Mbit/s
95th percentile per-packet one-way delay: 120.571 ms
Loss rate: 0.40%

Run 1: Report of TCP Cubic — Data Link

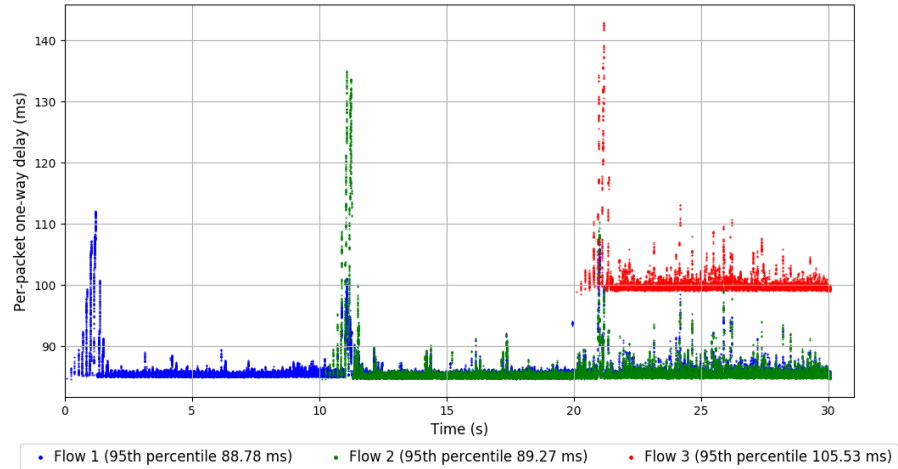
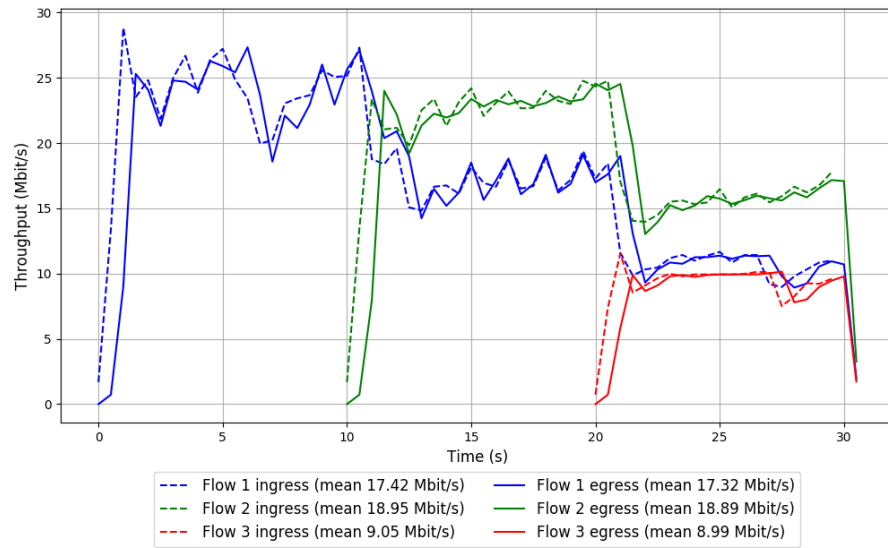


Run 2: Statistics of TCP Cubic

Start at: 2018-07-10 04:13:48
End at: 2018-07-10 04:14:18
Local clock offset: 0.652 ms
Remote clock offset: -0.889 ms

Below is generated by plot.py at 2018-07-10 07:37:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 32.88 Mbit/s
95th percentile per-packet one-way delay: 100.121 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 17.32 Mbit/s
95th percentile per-packet one-way delay: 88.780 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 18.89 Mbit/s
95th percentile per-packet one-way delay: 89.265 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 8.99 Mbit/s
95th percentile per-packet one-way delay: 105.527 ms
Loss rate: 0.73%

Run 2: Report of TCP Cubic — Data Link

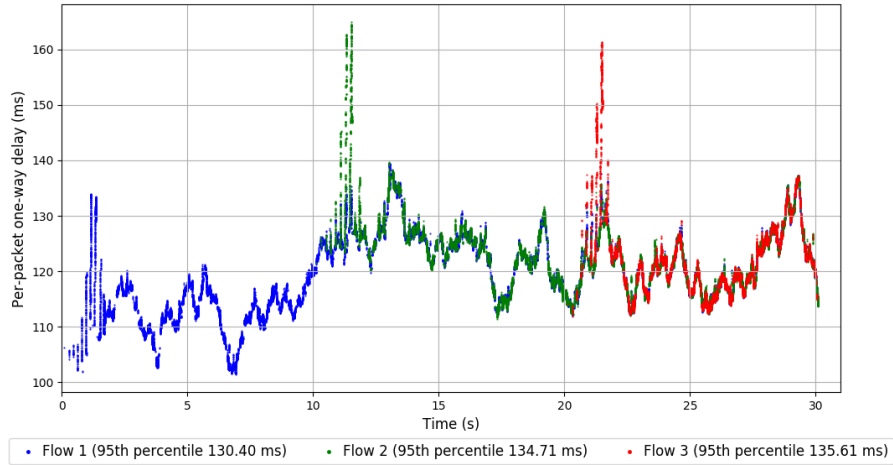
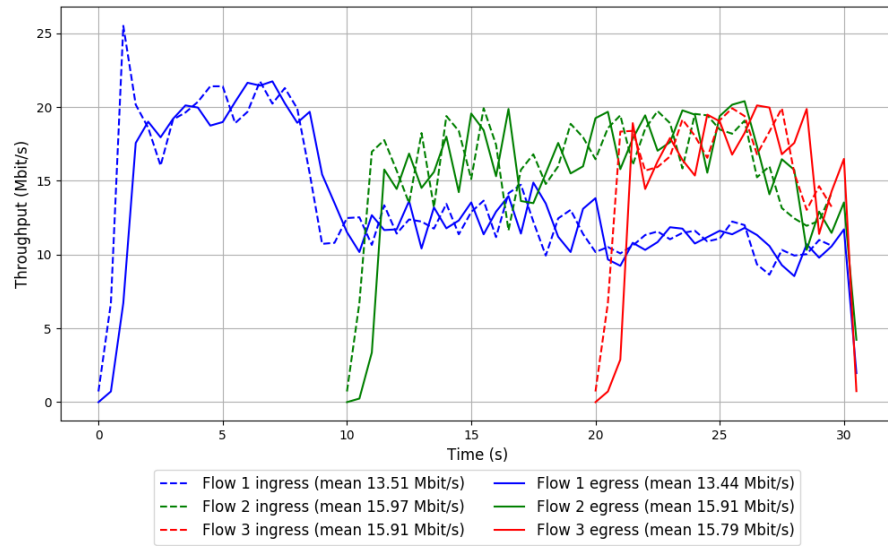


Run 3: Statistics of TCP Cubic

Start at: 2018-07-10 04:37:30
End at: 2018-07-10 04:38:00
Local clock offset: 0.314 ms
Remote clock offset: -0.626 ms

Below is generated by plot.py at 2018-07-10 07:37:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 29.26 Mbit/s
95th percentile per-packet one-way delay: 132.677 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 13.44 Mbit/s
95th percentile per-packet one-way delay: 130.404 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 15.91 Mbit/s
95th percentile per-packet one-way delay: 134.706 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 15.79 Mbit/s
95th percentile per-packet one-way delay: 135.612 ms
Loss rate: 0.76%

Run 3: Report of TCP Cubic — Data Link

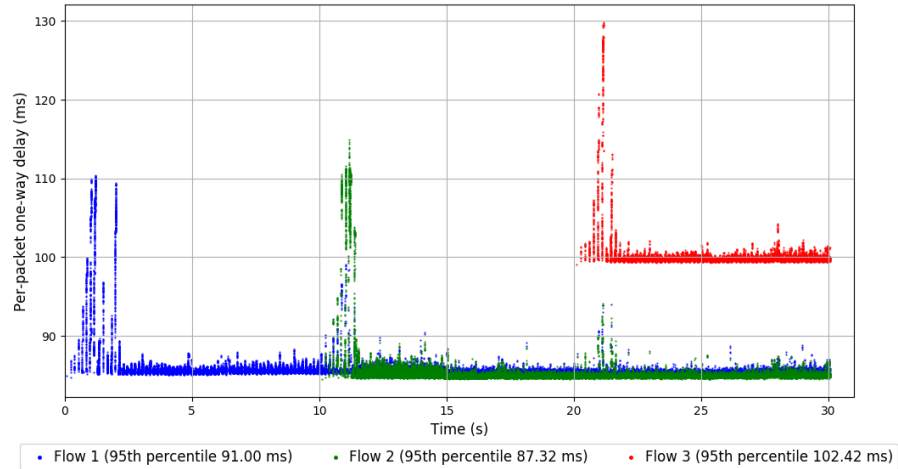
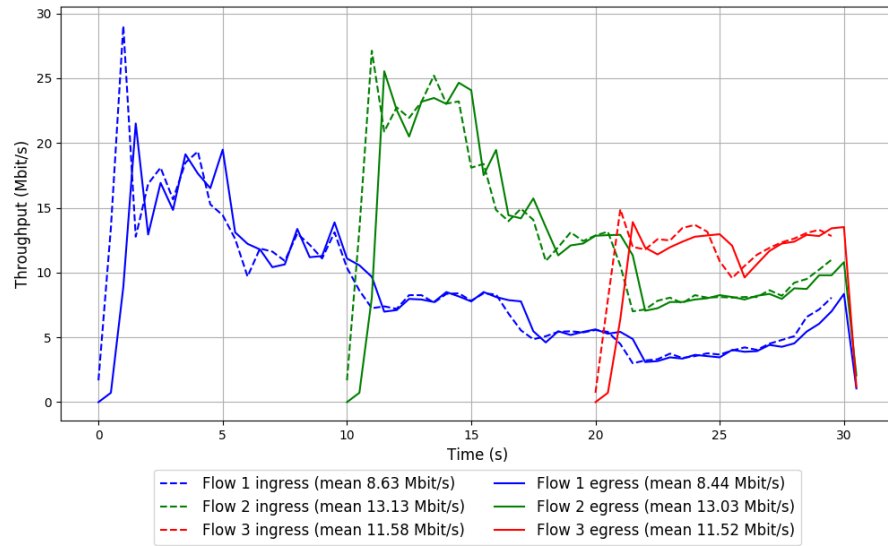


Run 4: Statistics of TCP Cubic

Start at: 2018-07-10 05:01:14
End at: 2018-07-10 05:01:44
Local clock offset: 0.125 ms
Remote clock offset: -0.248 ms

Below is generated by plot.py at 2018-07-10 07:37:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 20.94 Mbit/s
95th percentile per-packet one-way delay: 100.329 ms
Loss rate: 1.30%
-- Flow 1:
Average throughput: 8.44 Mbit/s
95th percentile per-packet one-way delay: 91.005 ms
Loss rate: 2.18%
-- Flow 2:
Average throughput: 13.03 Mbit/s
95th percentile per-packet one-way delay: 87.320 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 11.52 Mbit/s
95th percentile per-packet one-way delay: 102.423 ms
Loss rate: 0.53%

Run 4: Report of TCP Cubic — Data Link

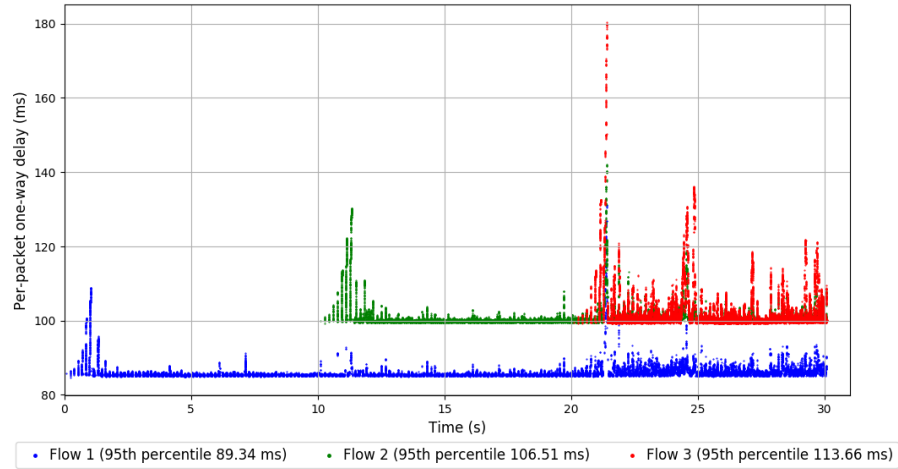
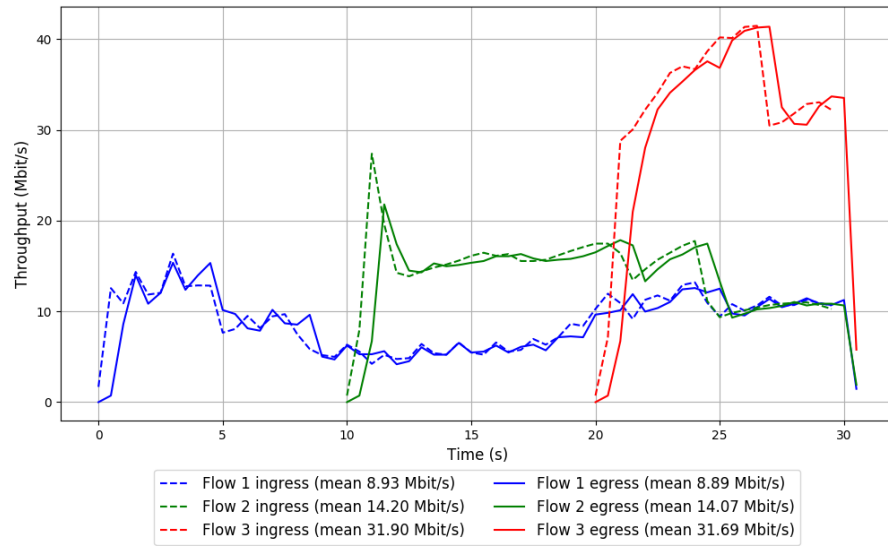


Run 5: Statistics of TCP Cubic

Start at: 2018-07-10 05:24:54
End at: 2018-07-10 05:25:24
Local clock offset: -0.202 ms
Remote clock offset: -0.108 ms

Below is generated by plot.py at 2018-07-10 07:37:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 28.78 Mbit/s
95th percentile per-packet one-way delay: 108.240 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 8.89 Mbit/s
95th percentile per-packet one-way delay: 89.336 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 14.07 Mbit/s
95th percentile per-packet one-way delay: 106.514 ms
Loss rate: 0.96%
-- Flow 3:
Average throughput: 31.69 Mbit/s
95th percentile per-packet one-way delay: 113.660 ms
Loss rate: 0.65%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: 2018-07-10 05:48:36

End at: 2018-07-10 05:49:06

Local clock offset: -0.401 ms

Remote clock offset: 0.011 ms

Below is generated by plot.py at 2018-07-10 07:37:50

Datalink statistics

-- Total of 3 flows:

Average throughput: 30.98 Mbit/s

95th percentile per-packet one-way delay: 102.235 ms

Loss rate: 0.26%

-- Flow 1:

Average throughput: 15.88 Mbit/s

95th percentile per-packet one-way delay: 91.752 ms

Loss rate: 0.26%

-- Flow 2:

Average throughput: 13.39 Mbit/s

95th percentile per-packet one-way delay: 105.814 ms

Loss rate: 0.18%

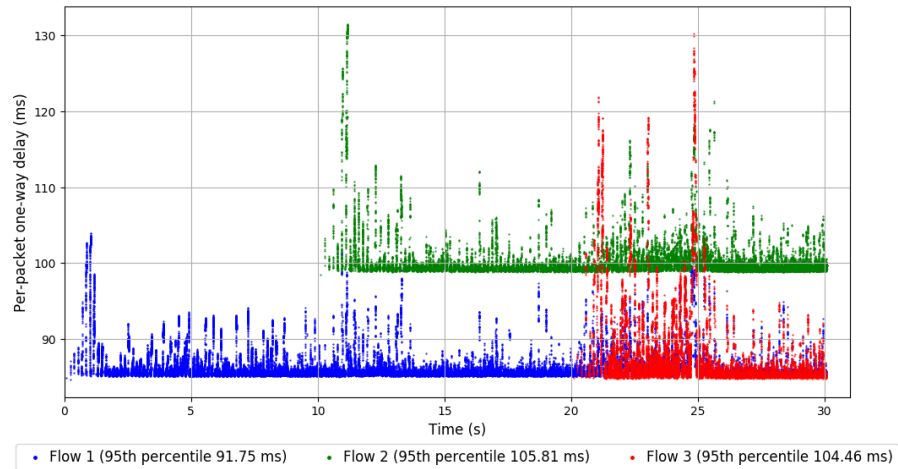
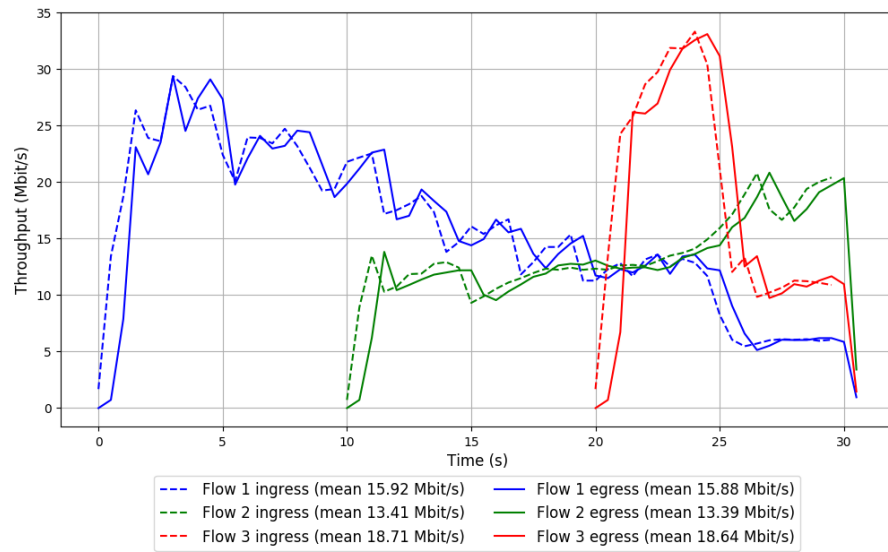
-- Flow 3:

Average throughput: 18.64 Mbit/s

95th percentile per-packet one-way delay: 104.456 ms

Loss rate: 0.39%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: 2018-07-10 06:12:24

End at: 2018-07-10 06:12:54

Local clock offset: -0.605 ms

Remote clock offset: 0.285 ms

Below is generated by plot.py at 2018-07-10 07:37:52

Datalink statistics

-- Total of 3 flows:

Average throughput: 31.37 Mbit/s

95th percentile per-packet one-way delay: 100.398 ms

Loss rate: 0.58%

-- Flow 1:

Average throughput: 13.23 Mbit/s

95th percentile per-packet one-way delay: 88.764 ms

Loss rate: 0.27%

-- Flow 2:

Average throughput: 19.96 Mbit/s

95th percentile per-packet one-way delay: 98.099 ms

Loss rate: 0.85%

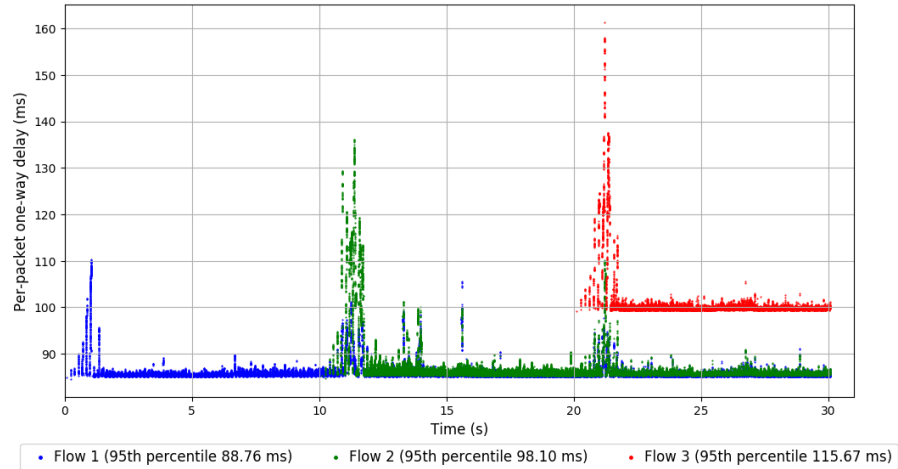
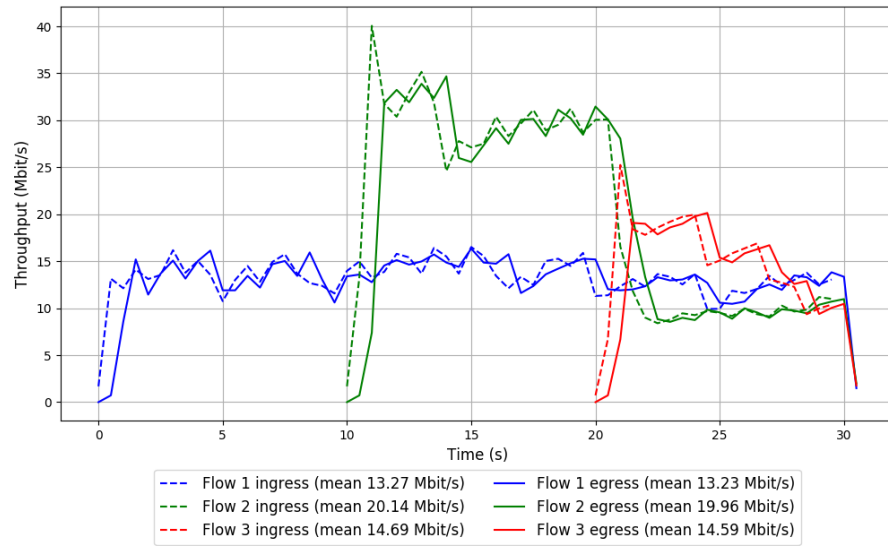
-- Flow 3:

Average throughput: 14.59 Mbit/s

95th percentile per-packet one-way delay: 115.673 ms

Loss rate: 0.69%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2018-07-10 06:36:07

End at: 2018-07-10 06:36:37

Local clock offset: -0.161 ms

Remote clock offset: 6.149 ms

Below is generated by plot.py at 2018-07-10 07:37:52

Datalink statistics

-- Total of 3 flows:

Average throughput: 23.18 Mbit/s

95th percentile per-packet one-way delay: 105.508 ms

Loss rate: 0.72%

-- Flow 1:

Average throughput: 8.10 Mbit/s

95th percentile per-packet one-way delay: 91.763 ms

Loss rate: 0.28%

-- Flow 2:

Average throughput: 15.37 Mbit/s

95th percentile per-packet one-way delay: 108.126 ms

Loss rate: 0.34%

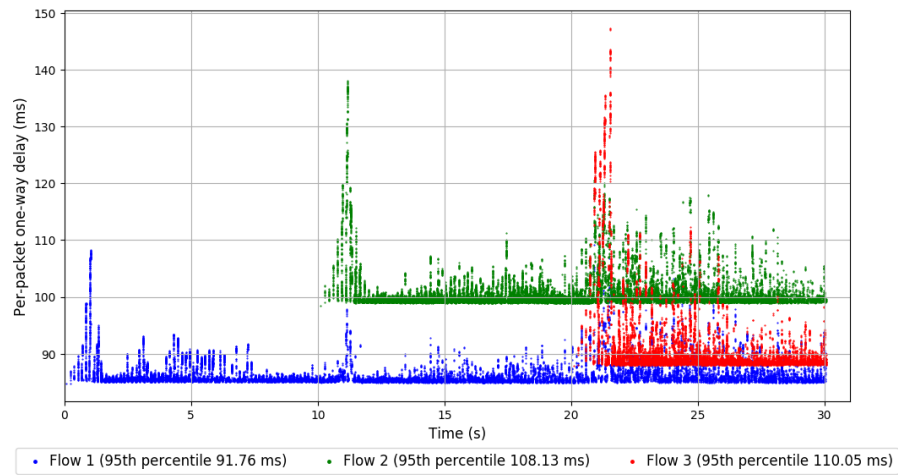
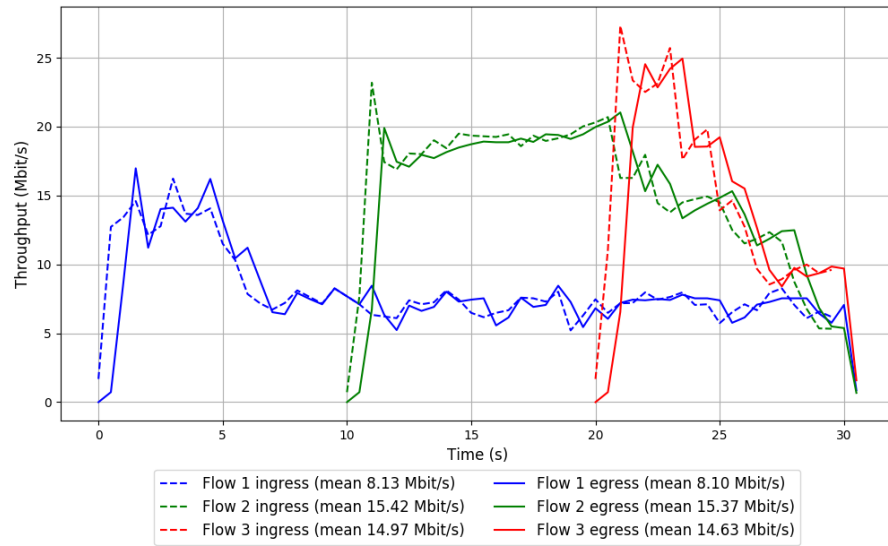
-- Flow 3:

Average throughput: 14.63 Mbit/s

95th percentile per-packet one-way delay: 110.050 ms

Loss rate: 2.23%

Run 8: Report of TCP Cubic — Data Link

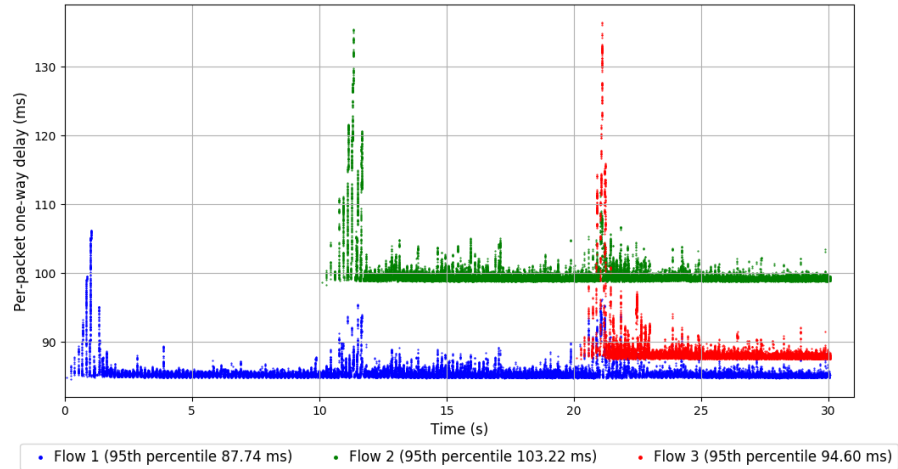
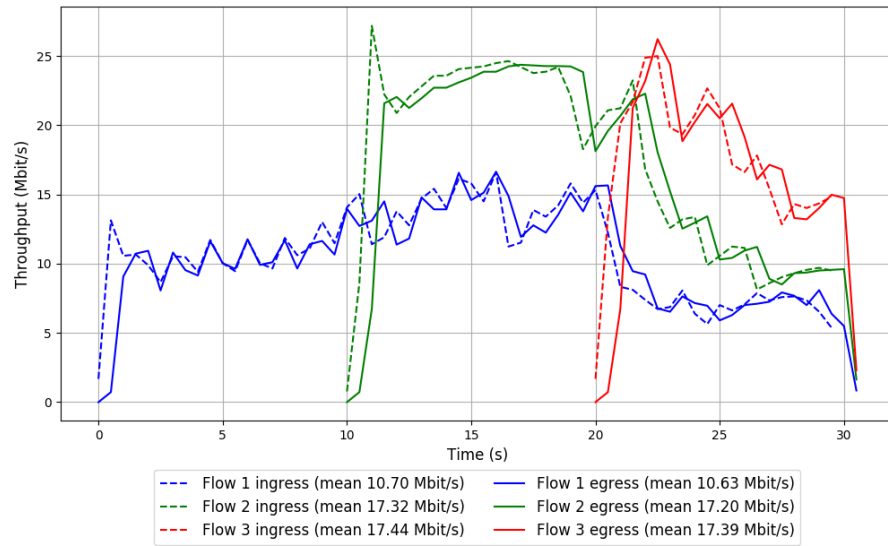


Run 9: Statistics of TCP Cubic

Start at: 2018-07-10 06:59:45
End at: 2018-07-10 07:00:15
Local clock offset: -0.189 ms
Remote clock offset: 12.676 ms

Below is generated by plot.py at 2018-07-10 07:37:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 27.86 Mbit/s
95th percentile per-packet one-way delay: 100.837 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 10.63 Mbit/s
95th percentile per-packet one-way delay: 87.744 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 17.20 Mbit/s
95th percentile per-packet one-way delay: 103.217 ms
Loss rate: 0.69%
-- Flow 3:
Average throughput: 17.39 Mbit/s
95th percentile per-packet one-way delay: 94.603 ms
Loss rate: 0.28%

Run 9: Report of TCP Cubic — Data Link

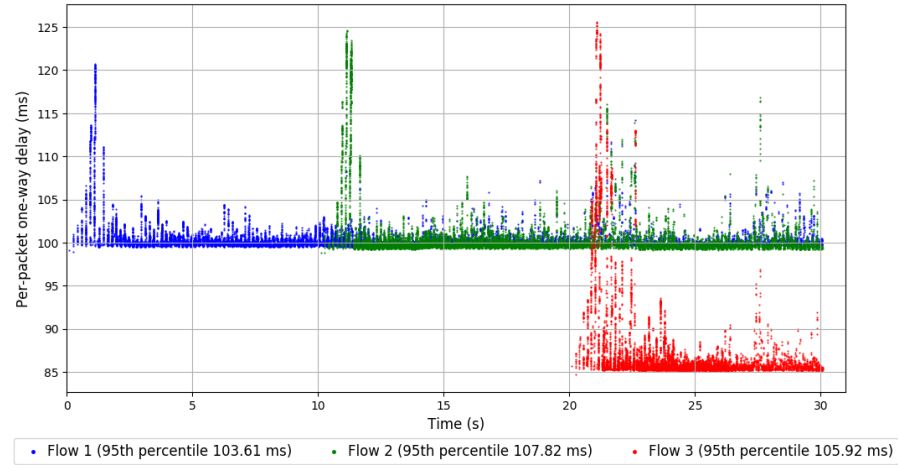
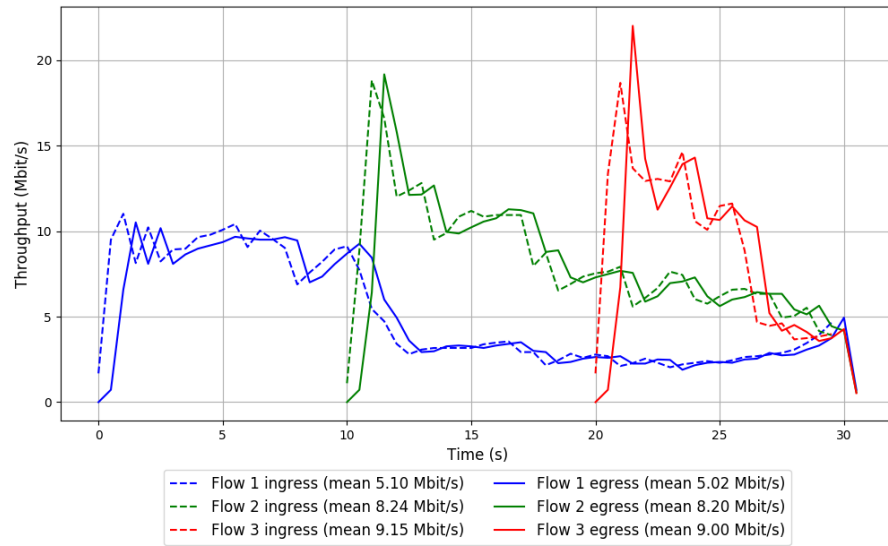


Run 10: Statistics of TCP Cubic

Start at: 2018-07-10 07:23:22
End at: 2018-07-10 07:23:52
Local clock offset: -0.277 ms
Remote clock offset: 16.531 ms

Below is generated by plot.py at 2018-07-10 07:37:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 13.48 Mbit/s
95th percentile per-packet one-way delay: 105.262 ms
Loss rate: 1.12%
-- Flow 1:
Average throughput: 5.02 Mbit/s
95th percentile per-packet one-way delay: 103.610 ms
Loss rate: 1.58%
-- Flow 2:
Average throughput: 8.20 Mbit/s
95th percentile per-packet one-way delay: 107.822 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 9.00 Mbit/s
95th percentile per-packet one-way delay: 105.924 ms
Loss rate: 1.63%

Run 10: Report of TCP Cubic — Data Link

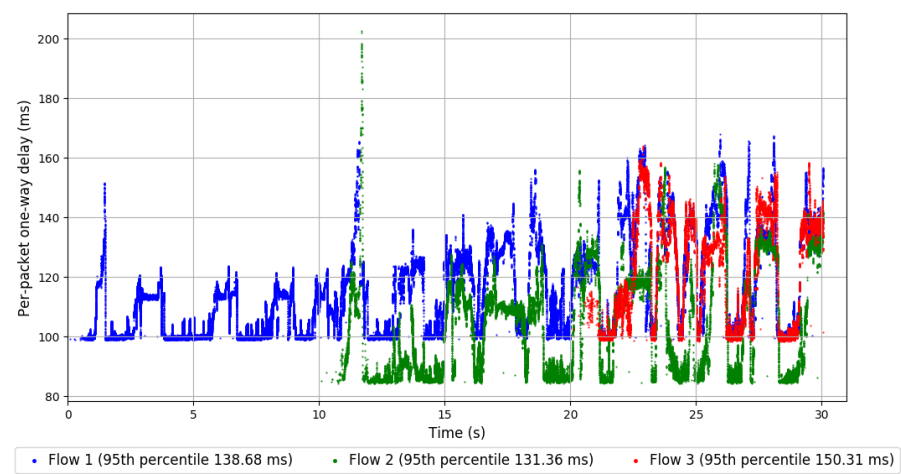
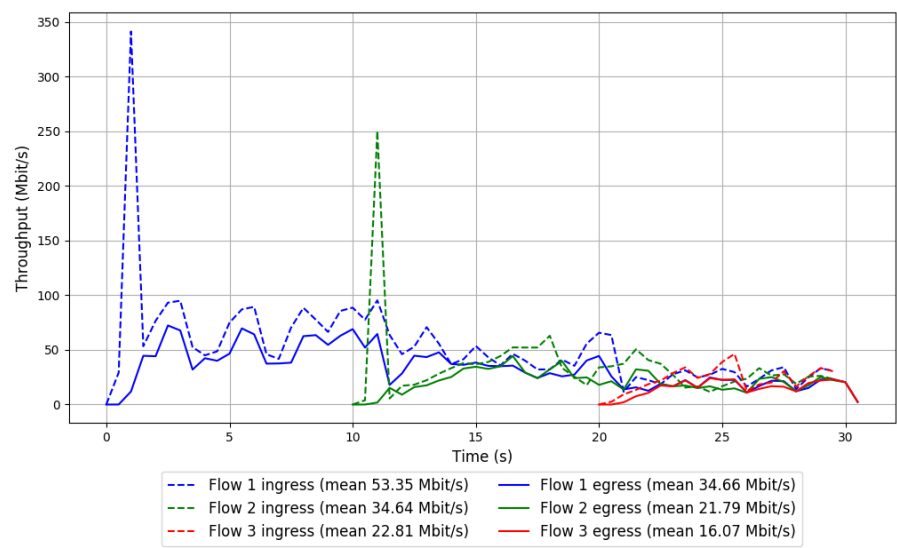


Run 1: Statistics of FillP

Start at: 2018-07-10 03:45:50
End at: 2018-07-10 03:46:20
Local clock offset: 0.718 ms
Remote clock offset: -0.778 ms

Below is generated by plot.py at 2018-07-10 07:38:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 54.52 Mbit/s
95th percentile per-packet one-way delay: 140.149 ms
Loss rate: 35.08%
-- Flow 1:
Average throughput: 34.66 Mbit/s
95th percentile per-packet one-way delay: 138.677 ms
Loss rate: 35.02%
-- Flow 2:
Average throughput: 21.79 Mbit/s
95th percentile per-packet one-way delay: 131.363 ms
Loss rate: 37.04%
-- Flow 3:
Average throughput: 16.07 Mbit/s
95th percentile per-packet one-way delay: 150.308 ms
Loss rate: 29.55%

Run 1: Report of FillP — Data Link

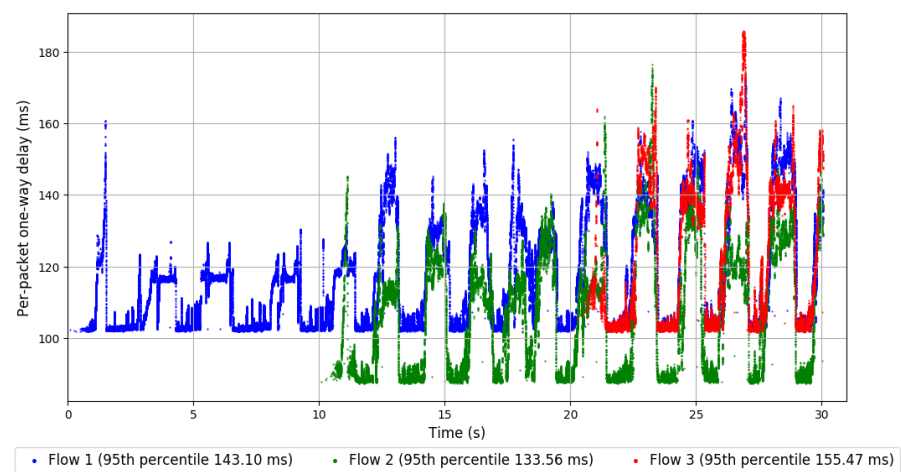
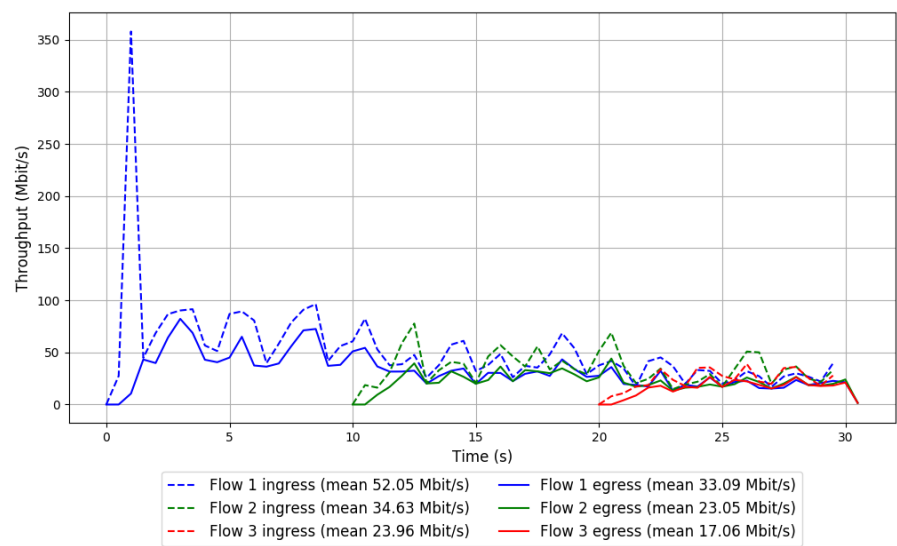


Run 2: Statistics of FillP

Start at: 2018-07-10 04:09:39
End at: 2018-07-10 04:10:09
Local clock offset: 0.558 ms
Remote clock offset: -0.873 ms

Below is generated by plot.py at 2018-07-10 07:38:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 54.10 Mbit/s
95th percentile per-packet one-way delay: 143.567 ms
Loss rate: 34.84%
-- Flow 1:
Average throughput: 33.09 Mbit/s
95th percentile per-packet one-way delay: 143.100 ms
Loss rate: 36.41%
-- Flow 2:
Average throughput: 23.05 Mbit/s
95th percentile per-packet one-way delay: 133.558 ms
Loss rate: 33.36%
-- Flow 3:
Average throughput: 17.06 Mbit/s
95th percentile per-packet one-way delay: 155.473 ms
Loss rate: 28.78%

Run 2: Report of FillP — Data Link

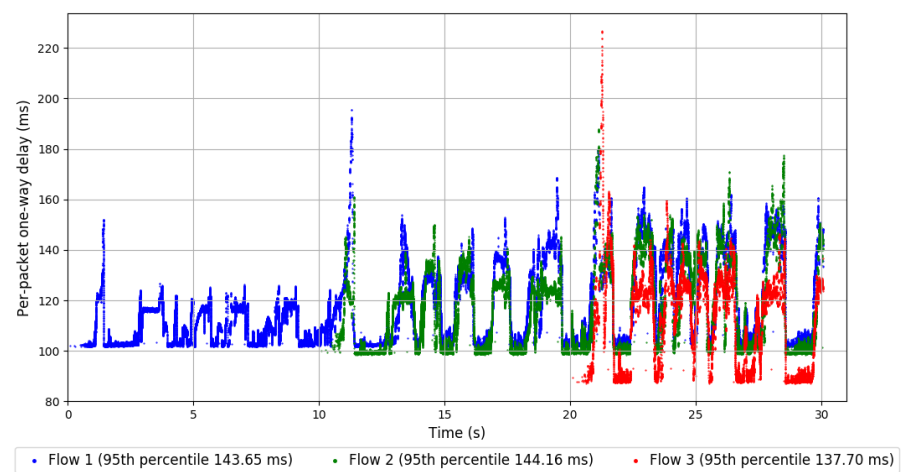
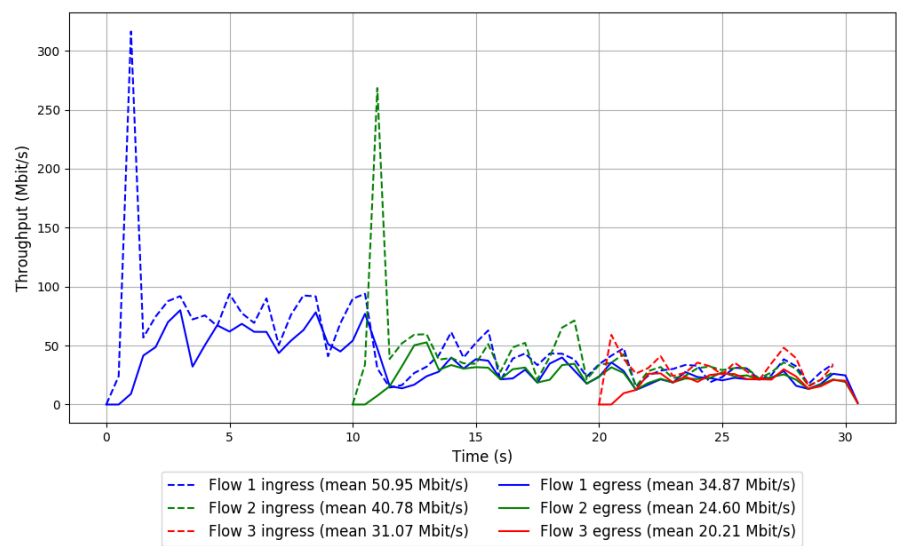


Run 3: Statistics of FillP

Start at: 2018-07-10 04:33:21
End at: 2018-07-10 04:33:51
Local clock offset: 0.48 ms
Remote clock offset: -0.687 ms

Below is generated by plot.py at 2018-07-10 07:38:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 57.96 Mbit/s
95th percentile per-packet one-way delay: 143.268 ms
Loss rate: 34.42%
-- Flow 1:
Average throughput: 34.87 Mbit/s
95th percentile per-packet one-way delay: 143.645 ms
Loss rate: 31.54%
-- Flow 2:
Average throughput: 24.60 Mbit/s
95th percentile per-packet one-way delay: 144.163 ms
Loss rate: 39.66%
-- Flow 3:
Average throughput: 20.21 Mbit/s
95th percentile per-packet one-way delay: 137.696 ms
Loss rate: 34.82%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2018-07-10 04:57:04

End at: 2018-07-10 04:57:34

Local clock offset: 0.282 ms

Remote clock offset: -0.37 ms

Below is generated by plot.py at 2018-07-10 07:38:44

Datalink statistics

-- Total of 3 flows:

Average throughput: 53.80 Mbit/s

95th percentile per-packet one-way delay: 136.155 ms

Loss rate: 33.63%

-- Flow 1:

Average throughput: 33.33 Mbit/s

95th percentile per-packet one-way delay: 126.281 ms

Loss rate: 32.34%

-- Flow 2:

Average throughput: 22.29 Mbit/s

95th percentile per-packet one-way delay: 129.080 ms

Loss rate: 35.78%

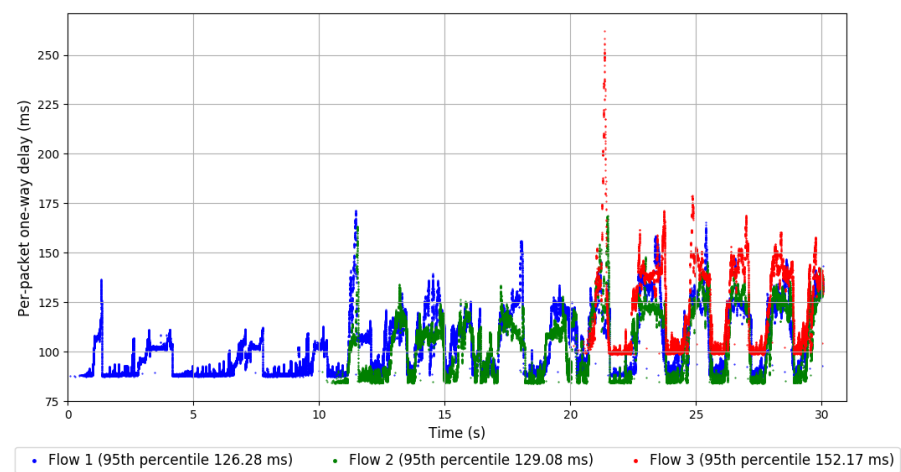
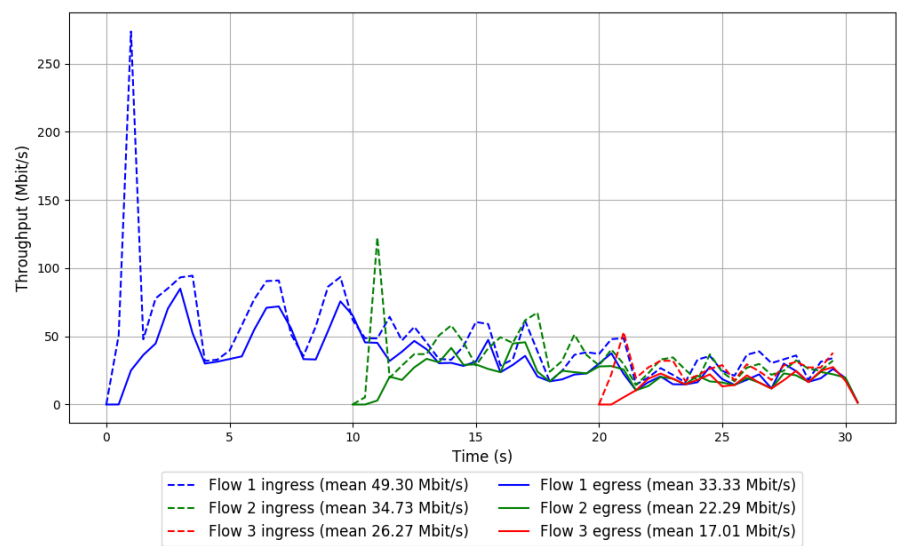
-- Flow 3:

Average throughput: 17.01 Mbit/s

95th percentile per-packet one-way delay: 152.171 ms

Loss rate: 35.23%

Run 4: Report of FillP — Data Link

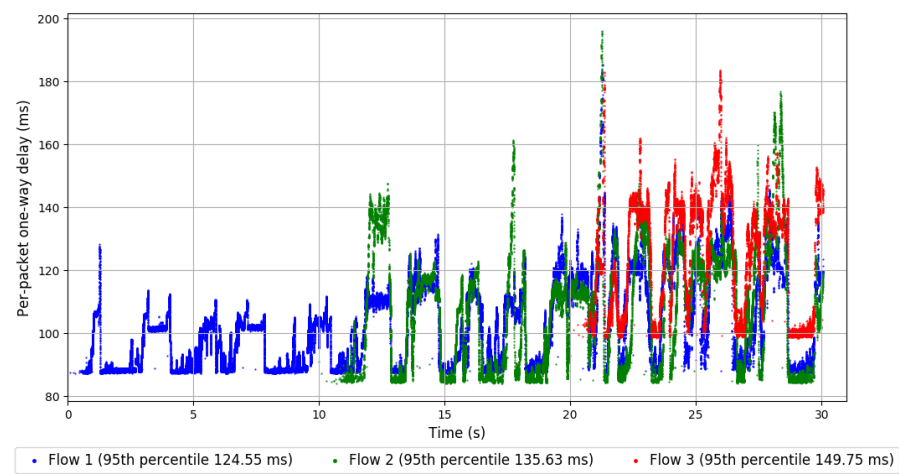
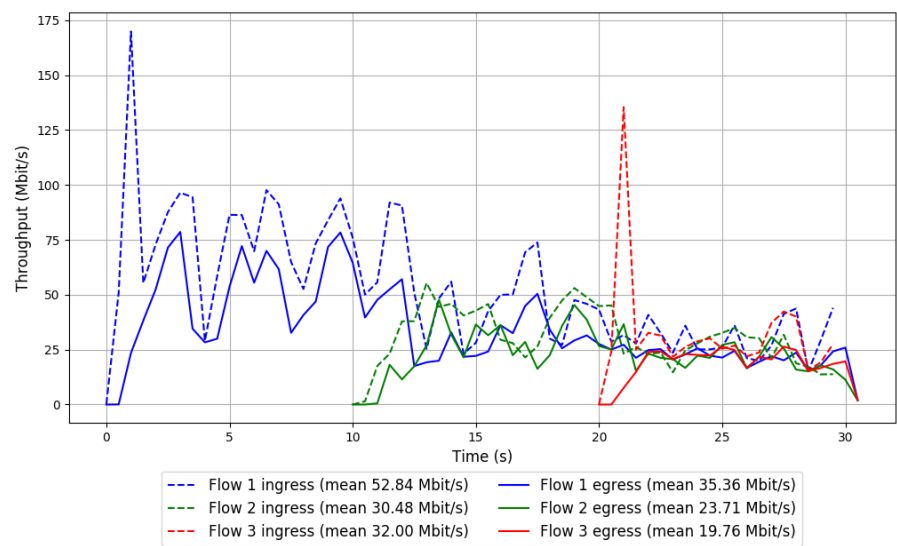


Run 5: Statistics of FillP

Start at: 2018-07-10 05:20:44
End at: 2018-07-10 05:21:14
Local clock offset: 0.117 ms
Remote clock offset: -0.123 ms

Below is generated by plot.py at 2018-07-10 07:38:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 57.70 Mbit/s
95th percentile per-packet one-way delay: 137.622 ms
Loss rate: 31.08%
-- Flow 1:
Average throughput: 35.36 Mbit/s
95th percentile per-packet one-way delay: 124.552 ms
Loss rate: 33.06%
-- Flow 2:
Average throughput: 23.71 Mbit/s
95th percentile per-packet one-way delay: 135.630 ms
Loss rate: 22.16%
-- Flow 3:
Average throughput: 19.76 Mbit/s
95th percentile per-packet one-way delay: 149.750 ms
Loss rate: 38.27%

Run 5: Report of FillP — Data Link



Run 6: Statistics of FillP

Start at: 2018-07-10 05:44:27

End at: 2018-07-10 05:44:57

Local clock offset: -0.322 ms

Remote clock offset: 0.011 ms

Below is generated by plot.py at 2018-07-10 07:38:50

Datalink statistics

-- Total of 3 flows:

Average throughput: 55.53 Mbit/s

95th percentile per-packet one-way delay: 142.895 ms

Loss rate: 33.99%

-- Flow 1:

Average throughput: 32.97 Mbit/s

95th percentile per-packet one-way delay: 141.234 ms

Loss rate: 33.28%

-- Flow 2:

Average throughput: 24.06 Mbit/s

95th percentile per-packet one-way delay: 147.389 ms

Loss rate: 34.66%

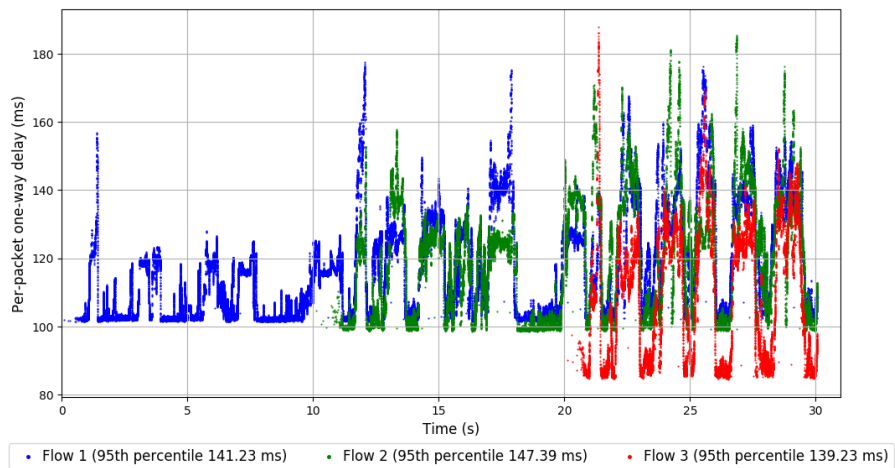
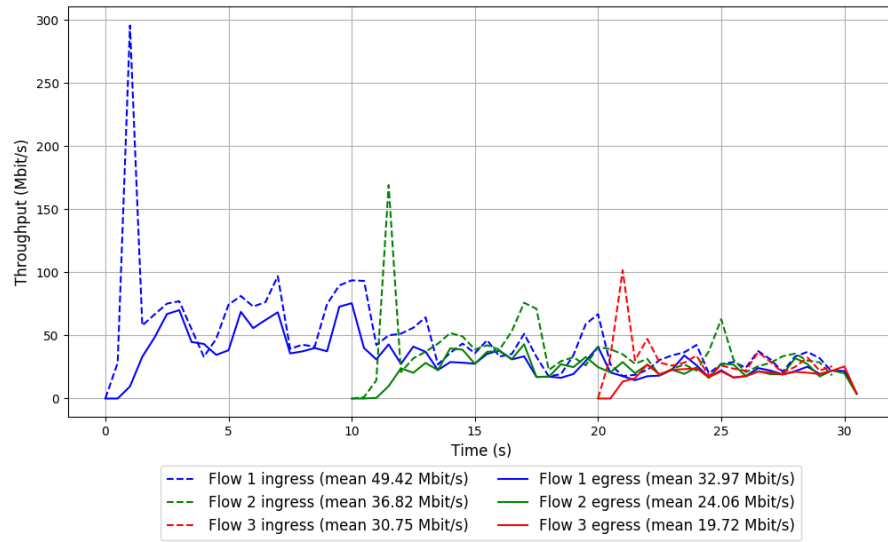
-- Flow 3:

Average throughput: 19.72 Mbit/s

95th percentile per-packet one-way delay: 139.232 ms

Loss rate: 35.81%

Run 6: Report of FillP — Data Link

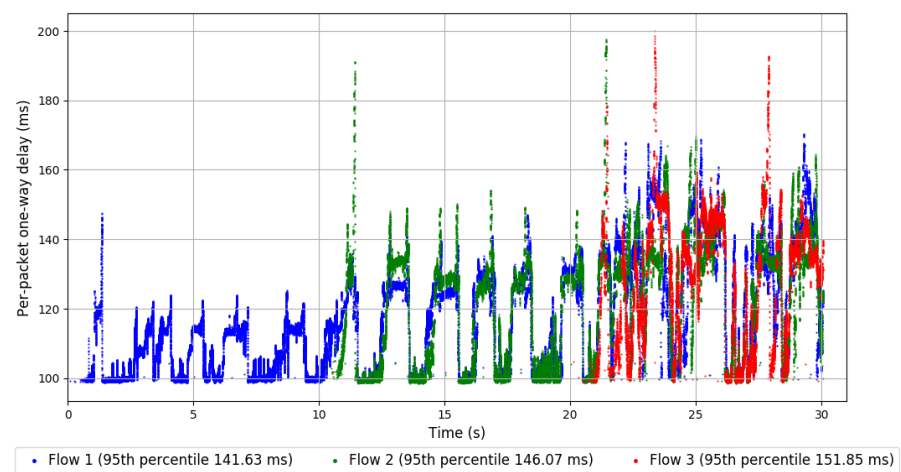
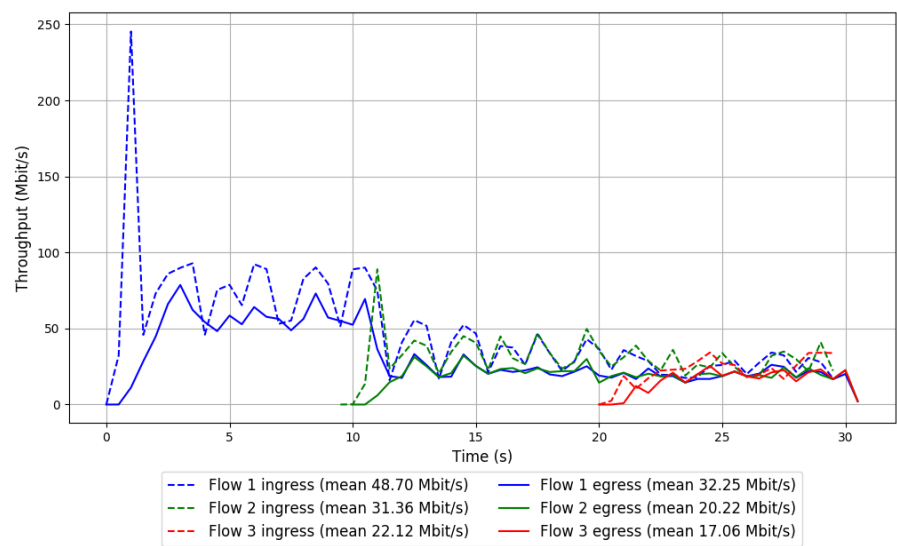


Run 7: Statistics of FillP

Start at: 2018-07-10 06:08:14
End at: 2018-07-10 06:08:44
Local clock offset: -0.623 ms
Remote clock offset: 0.225 ms

Below is generated by plot.py at 2018-07-10 07:38:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 51.38 Mbit/s
95th percentile per-packet one-way delay: 145.849 ms
Loss rate: 33.21%
-- Flow 1:
Average throughput: 32.25 Mbit/s
95th percentile per-packet one-way delay: 141.631 ms
Loss rate: 33.77%
-- Flow 2:
Average throughput: 20.22 Mbit/s
95th percentile per-packet one-way delay: 146.069 ms
Loss rate: 35.52%
-- Flow 3:
Average throughput: 17.06 Mbit/s
95th percentile per-packet one-way delay: 151.852 ms
Loss rate: 22.93%

Run 7: Report of FillP — Data Link



Run 8: Statistics of FillP

Start at: 2018-07-10 06:31:58

End at: 2018-07-10 06:32:28

Local clock offset: -0.203 ms

Remote clock offset: 3.42 ms

Below is generated by plot.py at 2018-07-10 07:38:50

Datalink statistics

-- Total of 3 flows:

Average throughput: 53.53 Mbit/s

95th percentile per-packet one-way delay: 144.148 ms

Loss rate: 35.08%

-- Flow 1:

Average throughput: 31.78 Mbit/s

95th percentile per-packet one-way delay: 138.015 ms

Loss rate: 33.92%

-- Flow 2:

Average throughput: 23.91 Mbit/s

95th percentile per-packet one-way delay: 144.427 ms

Loss rate: 34.70%

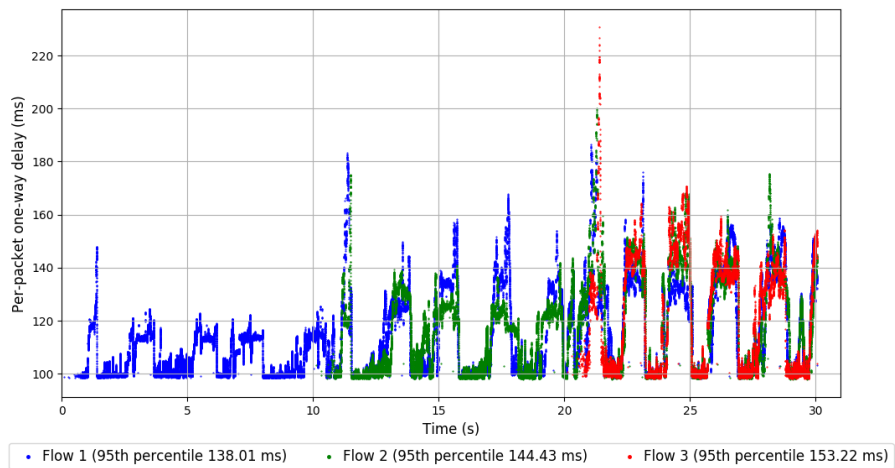
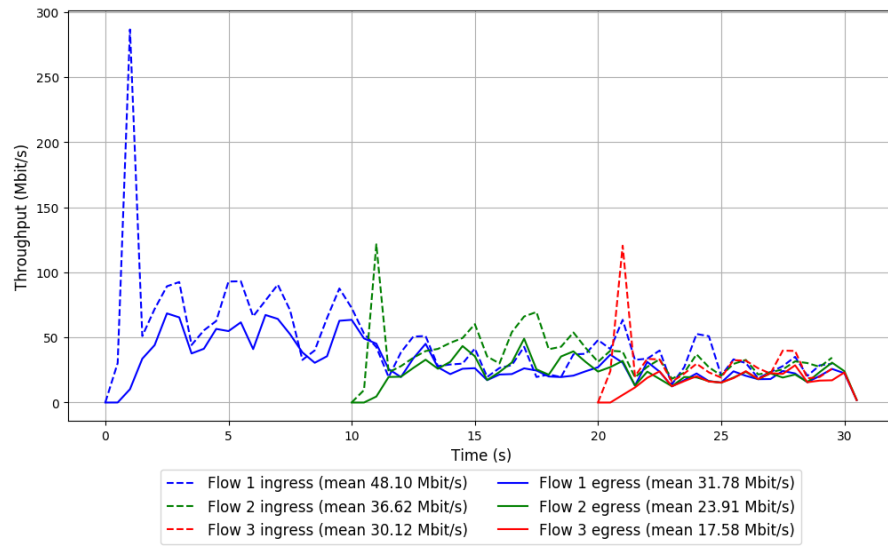
-- Flow 3:

Average throughput: 17.58 Mbit/s

95th percentile per-packet one-way delay: 153.225 ms

Loss rate: 41.63%

Run 8: Report of FillP — Data Link

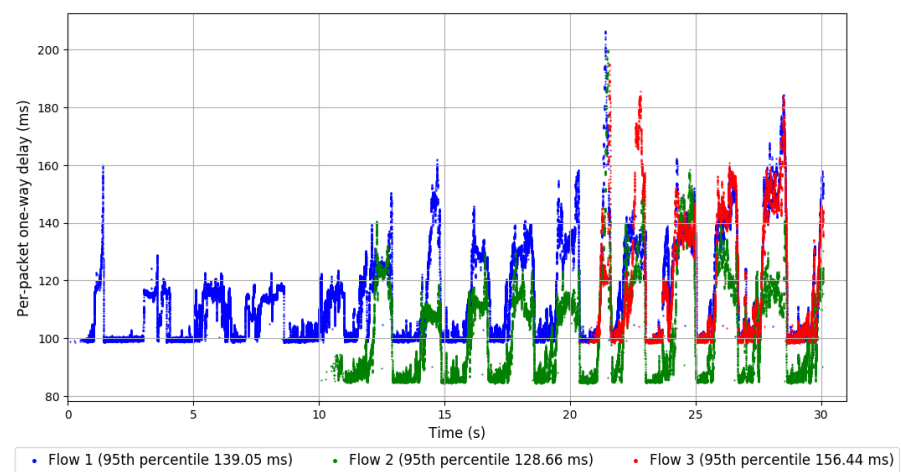
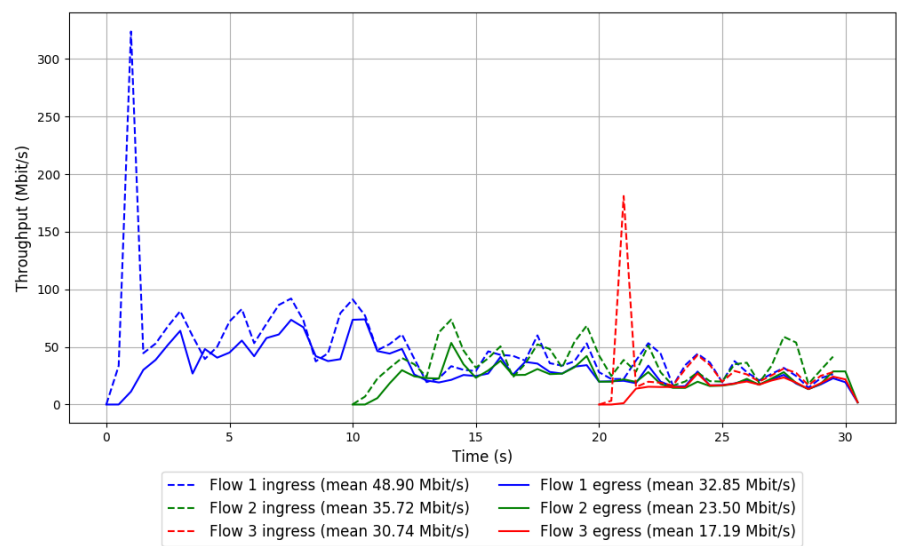


Run 9: Statistics of FillP

Start at: 2018-07-10 06:55:36
End at: 2018-07-10 06:56:06
Local clock offset: -0.283 ms
Remote clock offset: 11.903 ms

Below is generated by plot.py at 2018-07-10 07:39:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 54.09 Mbit/s
95th percentile per-packet one-way delay: 142.115 ms
Loss rate: 34.70%
-- Flow 1:
Average throughput: 32.85 Mbit/s
95th percentile per-packet one-way delay: 139.046 ms
Loss rate: 32.79%
-- Flow 2:
Average throughput: 23.50 Mbit/s
95th percentile per-packet one-way delay: 128.660 ms
Loss rate: 34.14%
-- Flow 3:
Average throughput: 17.19 Mbit/s
95th percentile per-packet one-way delay: 156.439 ms
Loss rate: 45.20%

Run 9: Report of FillP — Data Link

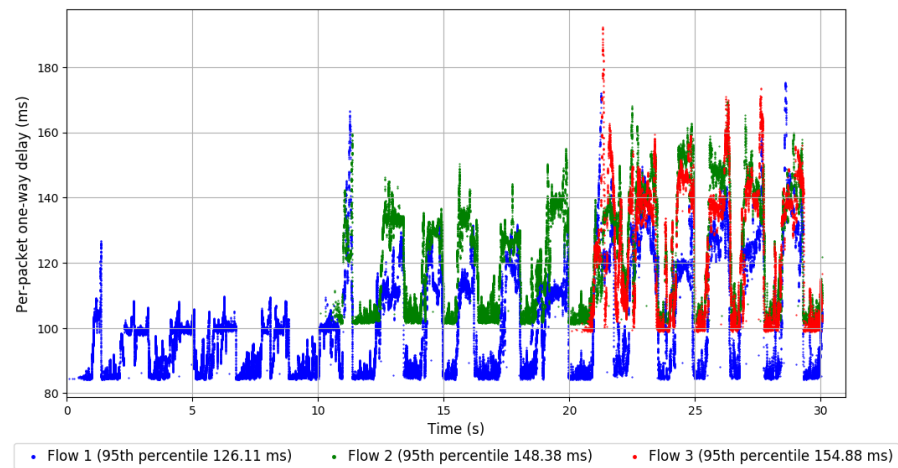
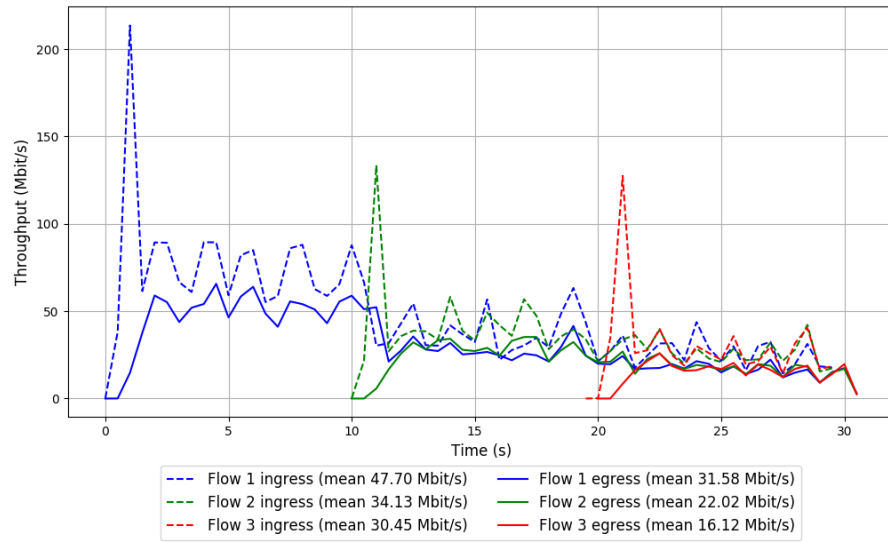


Run 10: Statistics of FillP

Start at: 2018-07-10 07:19:13
End at: 2018-07-10 07:19:43
Local clock offset: -0.024 ms
Remote clock offset: 15.956 ms

Below is generated by plot.py at 2018-07-10 07:39:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 51.58 Mbit/s
95th percentile per-packet one-way delay: 142.882 ms
Loss rate: 35.89%
-- Flow 1:
Average throughput: 31.58 Mbit/s
95th percentile per-packet one-way delay: 126.105 ms
Loss rate: 33.76%
-- Flow 2:
Average throughput: 22.02 Mbit/s
95th percentile per-packet one-way delay: 148.382 ms
Loss rate: 35.42%
-- Flow 3:
Average throughput: 16.12 Mbit/s
95th percentile per-packet one-way delay: 154.881 ms
Loss rate: 46.99%

Run 10: Report of FillP — Data Link

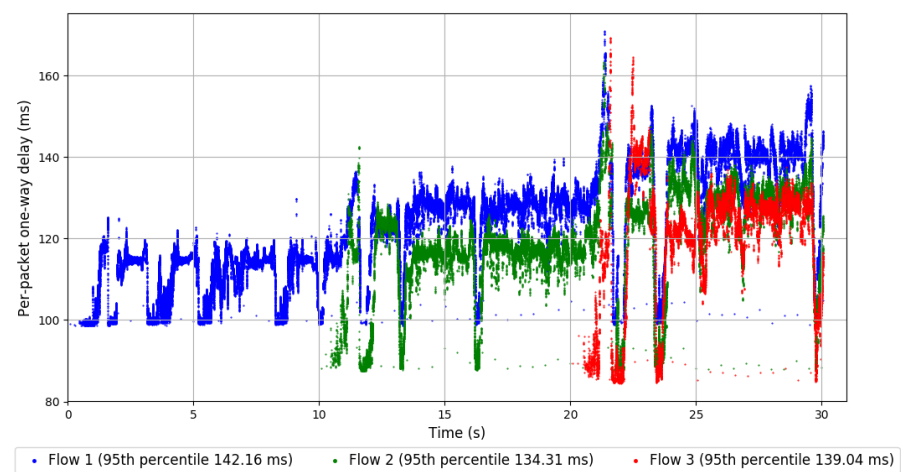
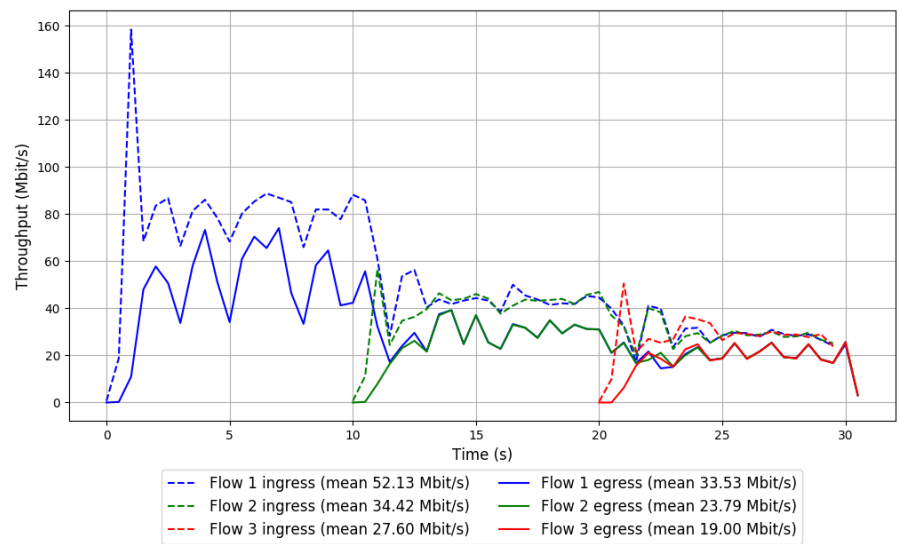


Run 1: Statistics of FillP-Sheep

Start at: 2018-07-10 03:52:43
End at: 2018-07-10 03:53:13
Local clock offset: 0.584 ms
Remote clock offset: -0.914 ms

Below is generated by plot.py at 2018-07-10 07:39:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 55.70 Mbit/s
95th percentile per-packet one-way delay: 140.794 ms
Loss rate: 33.86%
-- Flow 1:
Average throughput: 33.53 Mbit/s
95th percentile per-packet one-way delay: 142.159 ms
Loss rate: 35.68%
-- Flow 2:
Average throughput: 23.79 Mbit/s
95th percentile per-packet one-way delay: 134.308 ms
Loss rate: 30.83%
-- Flow 3:
Average throughput: 19.00 Mbit/s
95th percentile per-packet one-way delay: 139.042 ms
Loss rate: 31.07%

Run 1: Report of FillP-Sheep — Data Link

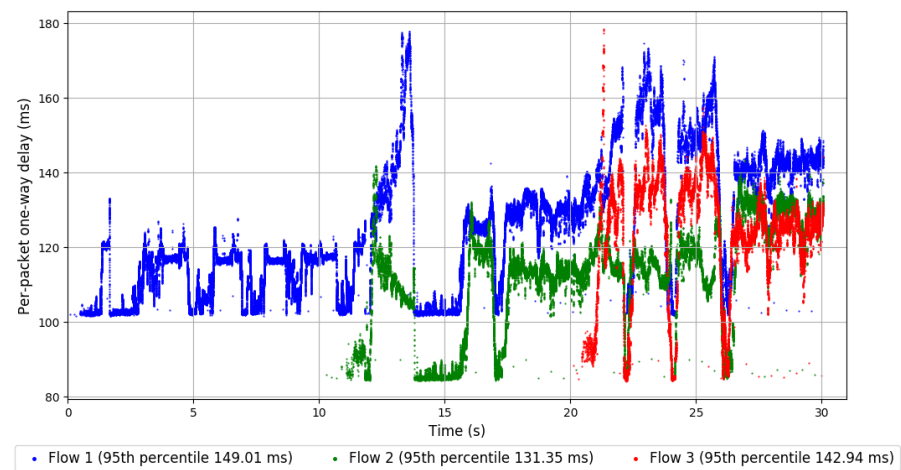
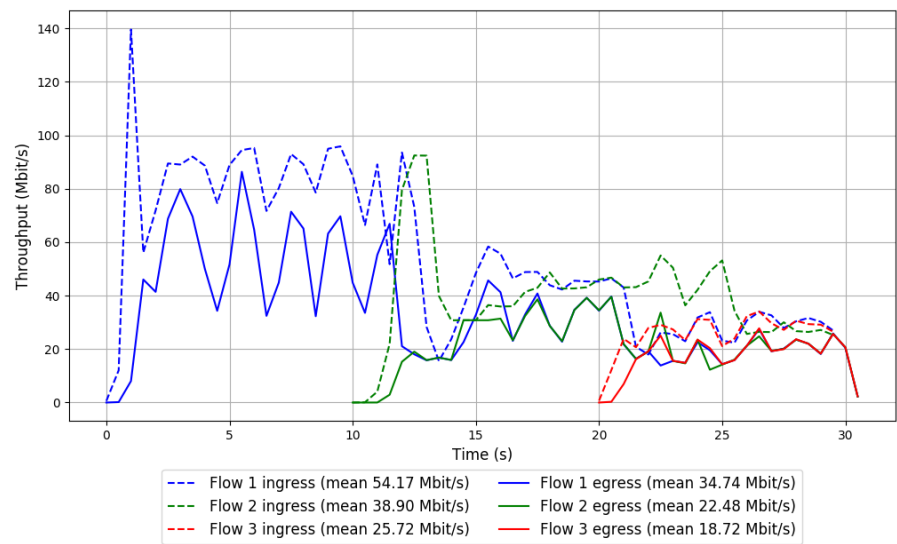


Run 2: Statistics of FillP-Sheep

Start at: 2018-07-10 04:16:34
End at: 2018-07-10 04:17:04
Local clock offset: 0.514 ms
Remote clock offset: -0.772 ms

Below is generated by plot.py at 2018-07-10 07:39:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 55.77 Mbit/s
95th percentile per-packet one-way delay: 144.286 ms
Loss rate: 37.03%
-- Flow 1:
Average throughput: 34.74 Mbit/s
95th percentile per-packet one-way delay: 149.015 ms
Loss rate: 35.87%
-- Flow 2:
Average throughput: 22.48 Mbit/s
95th percentile per-packet one-way delay: 131.351 ms
Loss rate: 42.73%
-- Flow 3:
Average throughput: 18.72 Mbit/s
95th percentile per-packet one-way delay: 142.945 ms
Loss rate: 27.01%

Run 2: Report of FillP-Sheep — Data Link

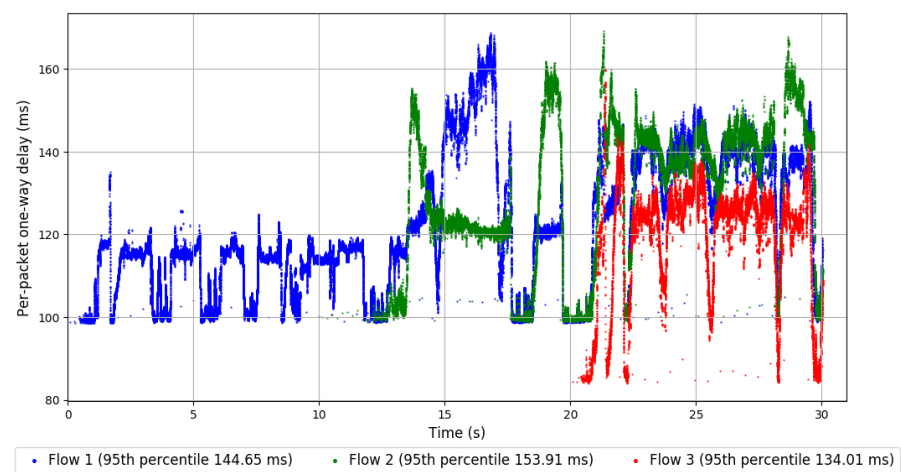
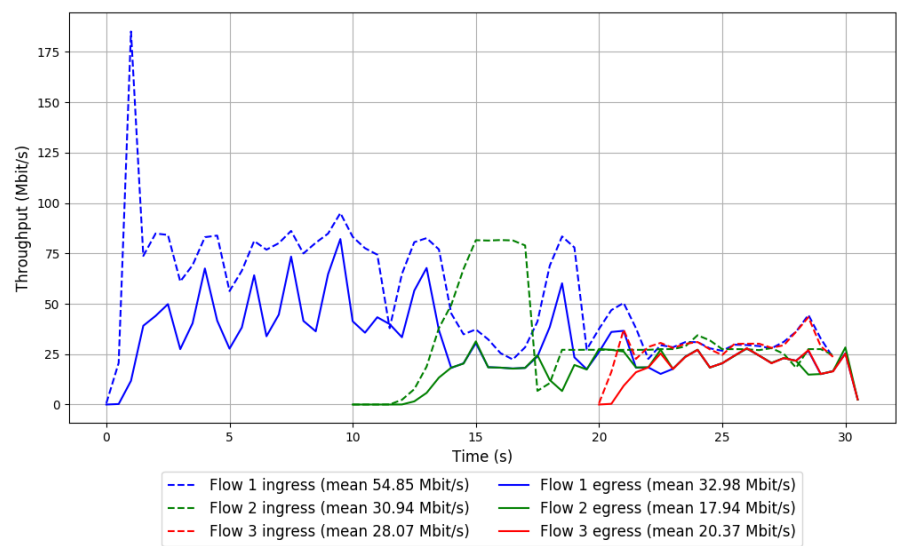


Run 3: Statistics of FillP-Sheep

Start at: 2018-07-10 04:40:16
End at: 2018-07-10 04:40:46
Local clock offset: 0.428 ms
Remote clock offset: -0.578 ms

Below is generated by plot.py at 2018-07-10 07:39:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 51.68 Mbit/s
95th percentile per-packet one-way delay: 146.716 ms
Loss rate: 39.01%
-- Flow 1:
Average throughput: 32.98 Mbit/s
95th percentile per-packet one-way delay: 144.645 ms
Loss rate: 39.88%
-- Flow 2:
Average throughput: 17.94 Mbit/s
95th percentile per-packet one-way delay: 153.907 ms
Loss rate: 42.00%
-- Flow 3:
Average throughput: 20.37 Mbit/s
95th percentile per-packet one-way delay: 134.007 ms
Loss rate: 27.31%

Run 3: Report of FillP-Sheep — Data Link

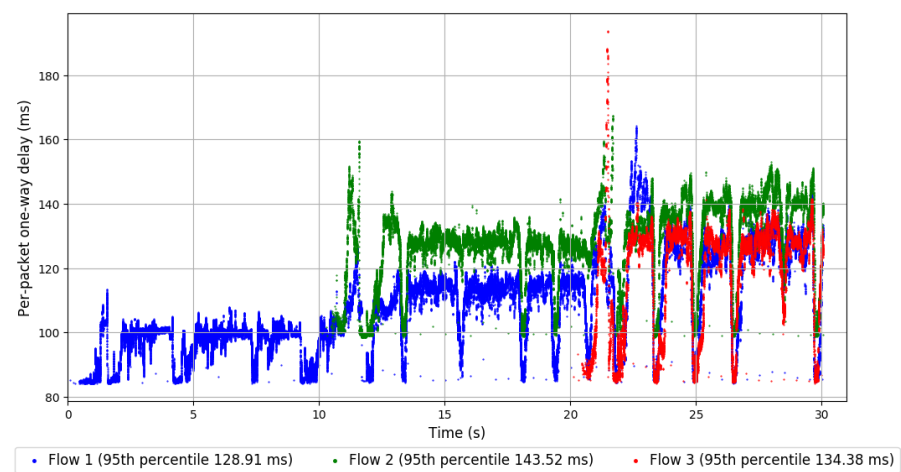
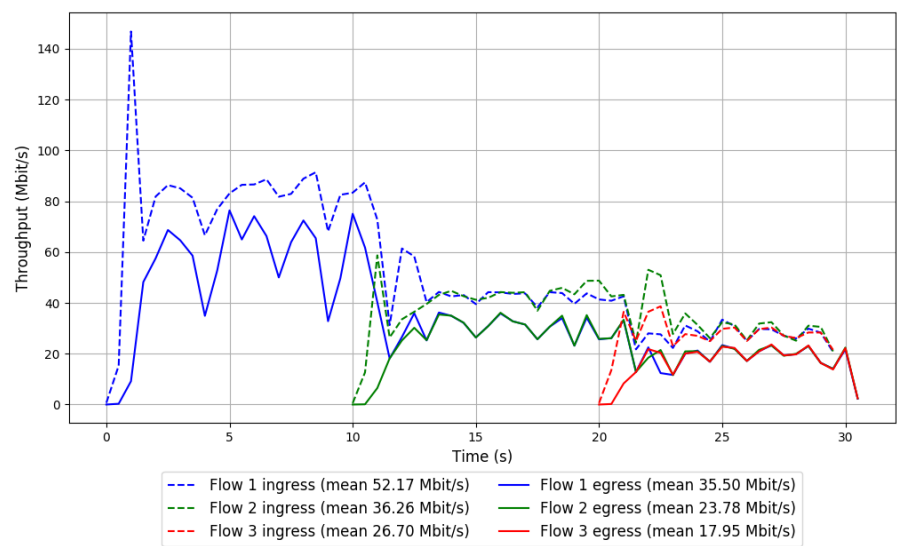


Run 4: Statistics of FillP-Sheep

Start at: 2018-07-10 05:03:58
End at: 2018-07-10 05:04:28
Local clock offset: 0.136 ms
Remote clock offset: -0.266 ms

Below is generated by plot.py at 2018-07-10 07:39:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 57.27 Mbit/s
95th percentile per-packet one-way delay: 138.447 ms
Loss rate: 32.70%
-- Flow 1:
Average throughput: 35.50 Mbit/s
95th percentile per-packet one-way delay: 128.906 ms
Loss rate: 31.91%
-- Flow 2:
Average throughput: 23.78 Mbit/s
95th percentile per-packet one-way delay: 143.517 ms
Loss rate: 34.41%
-- Flow 3:
Average throughput: 17.95 Mbit/s
95th percentile per-packet one-way delay: 134.378 ms
Loss rate: 32.67%

Run 4: Report of FillP-Sheep — Data Link

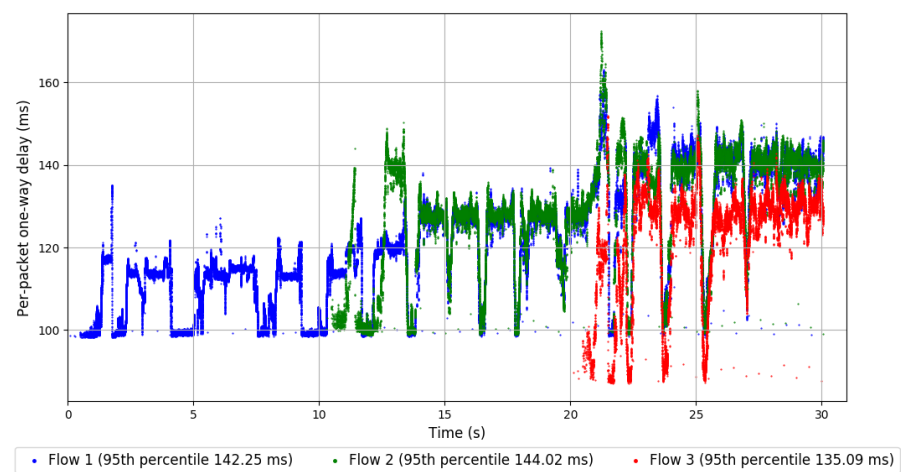
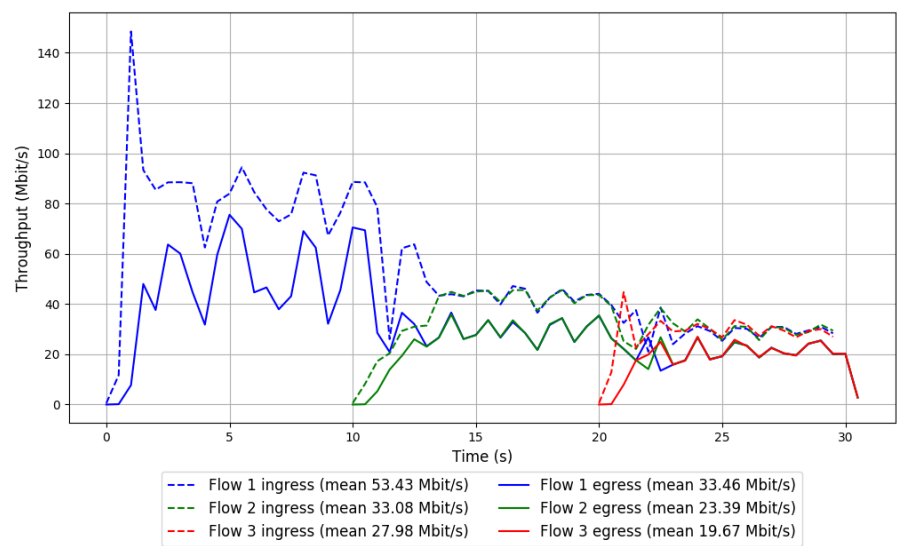


Run 5: Statistics of FillP-Sheep

Start at: 2018-07-10 05:27:39
End at: 2018-07-10 05:28:09
Local clock offset: -0.074 ms
Remote clock offset: -0.104 ms

Below is generated by plot.py at 2018-07-10 07:39:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 55.55 Mbit/s
95th percentile per-packet one-way delay: 142.715 ms
Loss rate: 34.43%
-- Flow 1:
Average throughput: 33.46 Mbit/s
95th percentile per-packet one-way delay: 142.253 ms
Loss rate: 37.38%
-- Flow 2:
Average throughput: 23.39 Mbit/s
95th percentile per-packet one-way delay: 144.018 ms
Loss rate: 29.31%
-- Flow 3:
Average throughput: 19.67 Mbit/s
95th percentile per-packet one-way delay: 135.088 ms
Loss rate: 29.62%

Run 5: Report of FillP-Sheep — Data Link



Run 6: Statistics of FillP-Sheep

Start at: 2018-07-10 05:51:23

End at: 2018-07-10 05:51:53

Local clock offset: -0.545 ms

Remote clock offset: 0.059 ms

Below is generated by plot.py at 2018-07-10 07:39:49

Datalink statistics

-- Total of 3 flows:

Average throughput: 51.39 Mbit/s

95th percentile per-packet one-way delay: 142.513 ms

Loss rate: 38.30%

-- Flow 1:

Average throughput: 30.78 Mbit/s

95th percentile per-packet one-way delay: 130.398 ms

Loss rate: 40.54%

-- Flow 2:

Average throughput: 22.18 Mbit/s

95th percentile per-packet one-way delay: 131.183 ms

Loss rate: 35.80%

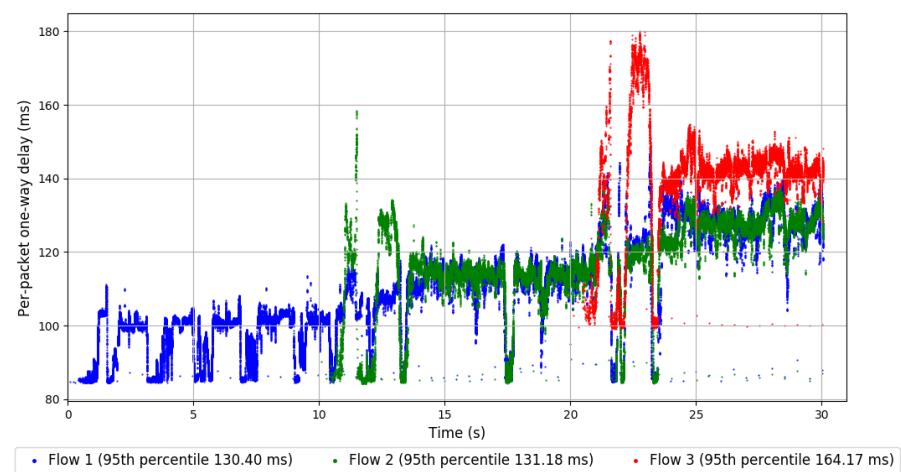
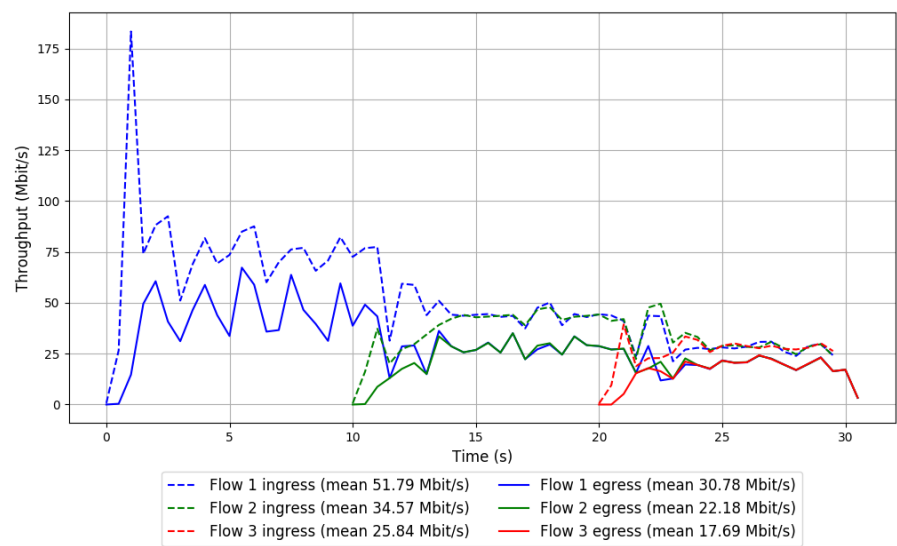
-- Flow 3:

Average throughput: 17.69 Mbit/s

95th percentile per-packet one-way delay: 164.168 ms

Loss rate: 31.50%

Run 6: Report of FillP-Sheep — Data Link



Run 7: Statistics of FillP-Sheep

Start at: 2018-07-10 06:15:09

End at: 2018-07-10 06:15:39

Local clock offset: -0.641 ms

Remote clock offset: 0.278 ms

Below is generated by plot.py at 2018-07-10 07:40:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 54.30 Mbit/s

95th percentile per-packet one-way delay: 144.355 ms

Loss rate: 37.30%

-- Flow 1:

Average throughput: 32.67 Mbit/s

95th percentile per-packet one-way delay: 145.423 ms

Loss rate: 38.74%

-- Flow 2:

Average throughput: 23.22 Mbit/s

95th percentile per-packet one-way delay: 132.448 ms

Loss rate: 33.65%

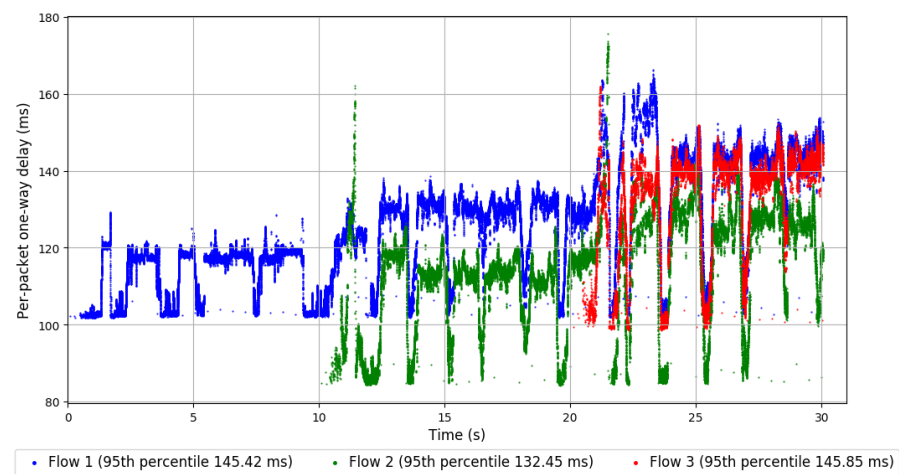
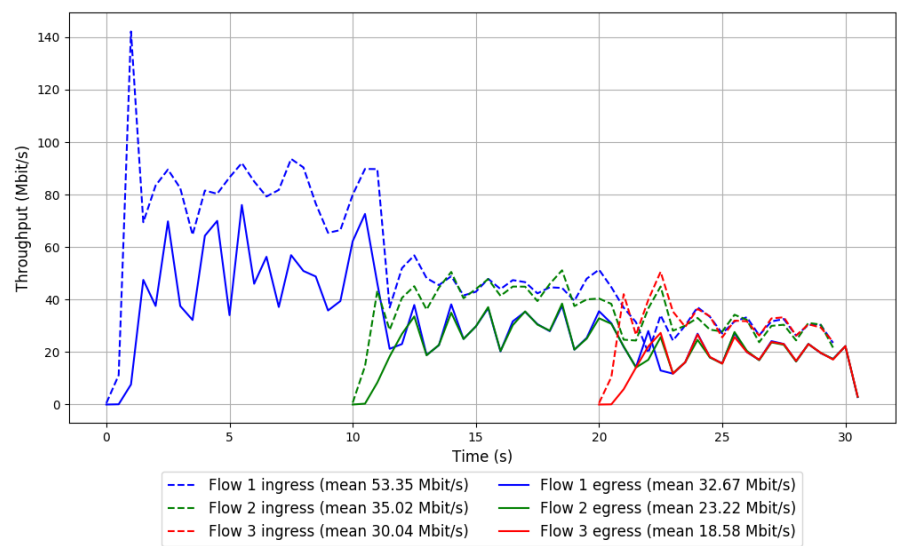
-- Flow 3:

Average throughput: 18.58 Mbit/s

95th percentile per-packet one-way delay: 145.846 ms

Loss rate: 38.13%

Run 7: Report of FillP-Sheep — Data Link



Run 8: Statistics of FillP-Sheep

Start at: 2018-07-10 06:38:52

End at: 2018-07-10 06:39:22

Local clock offset: -0.374 ms

Remote clock offset: 7.423 ms

Below is generated by plot.py at 2018-07-10 07:40:34

Datalink statistics

-- Total of 3 flows:

Average throughput: 55.22 Mbit/s

95th percentile per-packet one-way delay: 143.860 ms

Loss rate: 35.49%

-- Flow 1:

Average throughput: 32.80 Mbit/s

95th percentile per-packet one-way delay: 144.884 ms

Loss rate: 36.76%

-- Flow 2:

Average throughput: 24.02 Mbit/s

95th percentile per-packet one-way delay: 143.189 ms

Loss rate: 35.05%

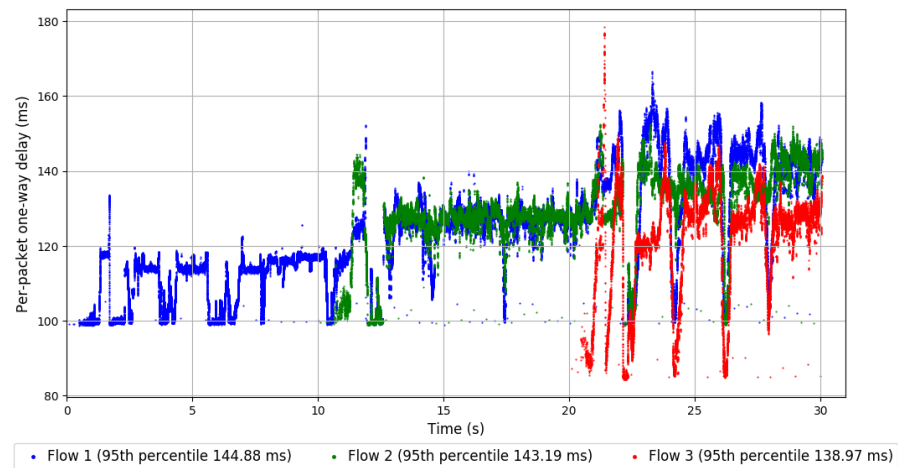
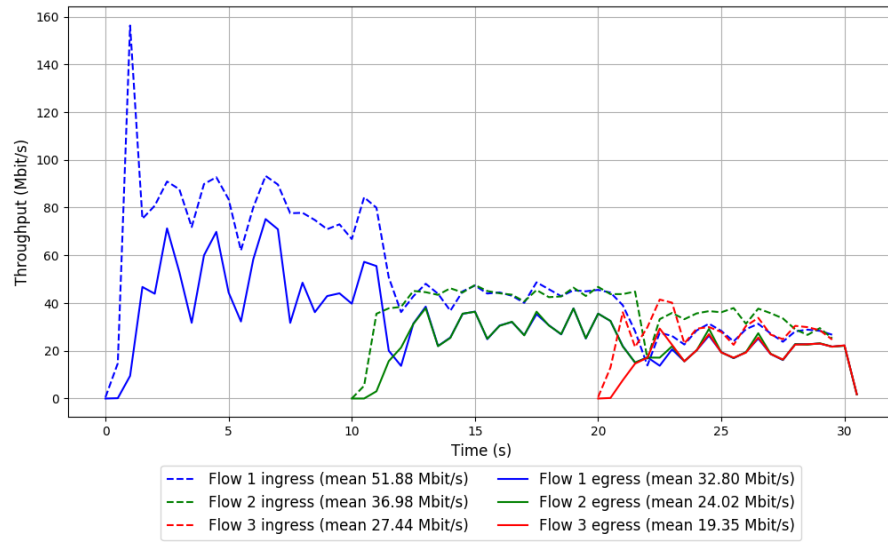
-- Flow 3:

Average throughput: 19.35 Mbit/s

95th percentile per-packet one-way delay: 138.973 ms

Loss rate: 29.42%

Run 8: Report of FillP-Sheep — Data Link

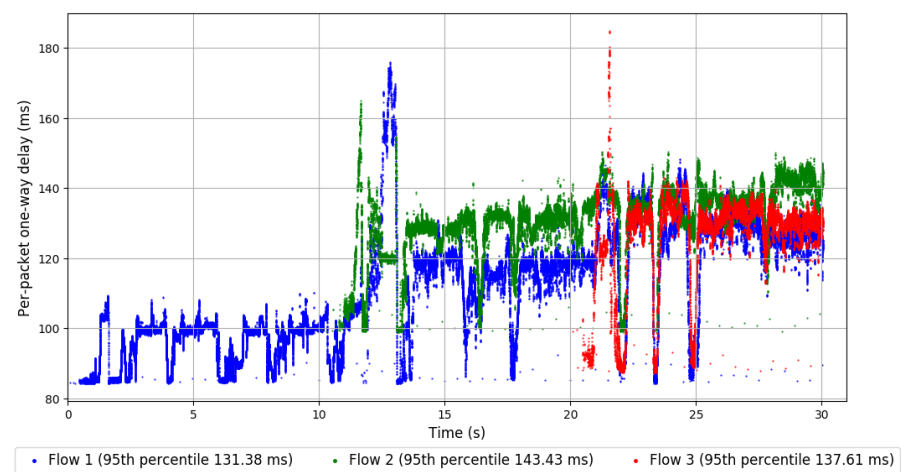
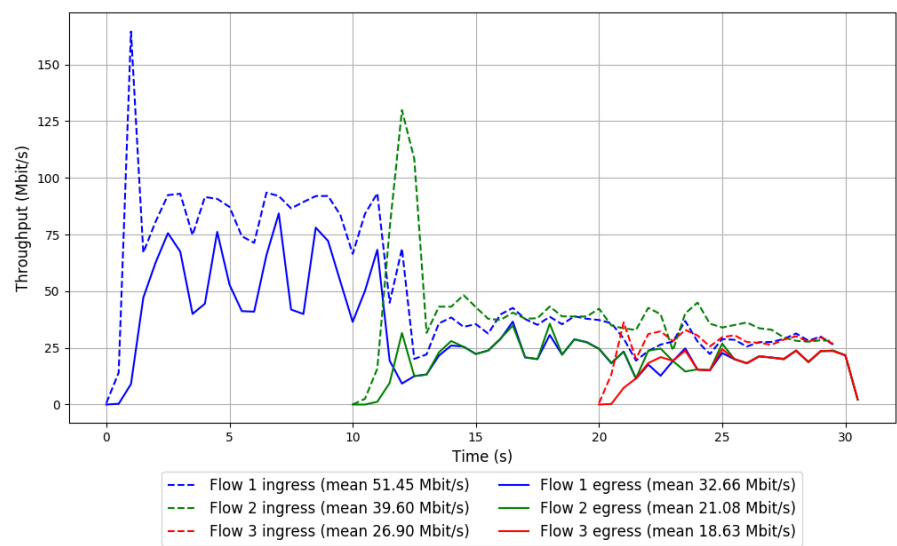


Run 9: Statistics of FillP-Sheep

Start at: 2018-07-10 07:02:29
End at: 2018-07-10 07:02:59
Local clock offset: -0.162 ms
Remote clock offset: 13.206 ms

Below is generated by plot.py at 2018-07-10 07:40:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 52.88 Mbit/s
95th percentile per-packet one-way delay: 139.019 ms
Loss rate: 39.02%
-- Flow 1:
Average throughput: 32.66 Mbit/s
95th percentile per-packet one-way delay: 131.375 ms
Loss rate: 36.49%
-- Flow 2:
Average throughput: 21.08 Mbit/s
95th percentile per-packet one-way delay: 143.434 ms
Loss rate: 46.75%
-- Flow 3:
Average throughput: 18.63 Mbit/s
95th percentile per-packet one-way delay: 137.608 ms
Loss rate: 30.76%

Run 9: Report of FillP-Sheep — Data Link



Run 10: Statistics of FillP-Sheep

Start at: 2018-07-10 07:26:06

End at: 2018-07-10 07:26:36

Local clock offset: -0.014 ms

Remote clock offset: 16.93 ms

Below is generated by plot.py at 2018-07-10 07:40:42

Datalink statistics

-- Total of 3 flows:

Average throughput: 46.34 Mbit/s

95th percentile per-packet one-way delay: 137.523 ms

Loss rate: 45.99%

-- Flow 1:

Average throughput: 28.59 Mbit/s

95th percentile per-packet one-way delay: 135.138 ms

Loss rate: 40.78%

-- Flow 2:

Average throughput: 19.06 Mbit/s

95th percentile per-packet one-way delay: 132.949 ms

Loss rate: 56.32%

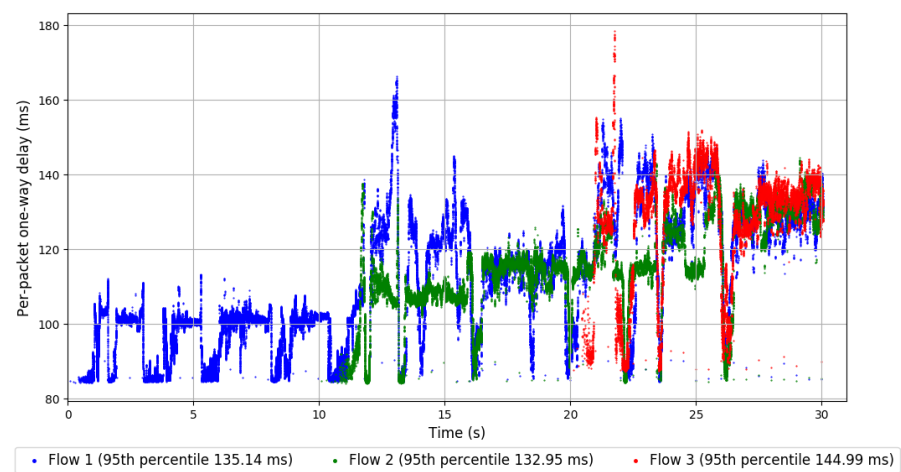
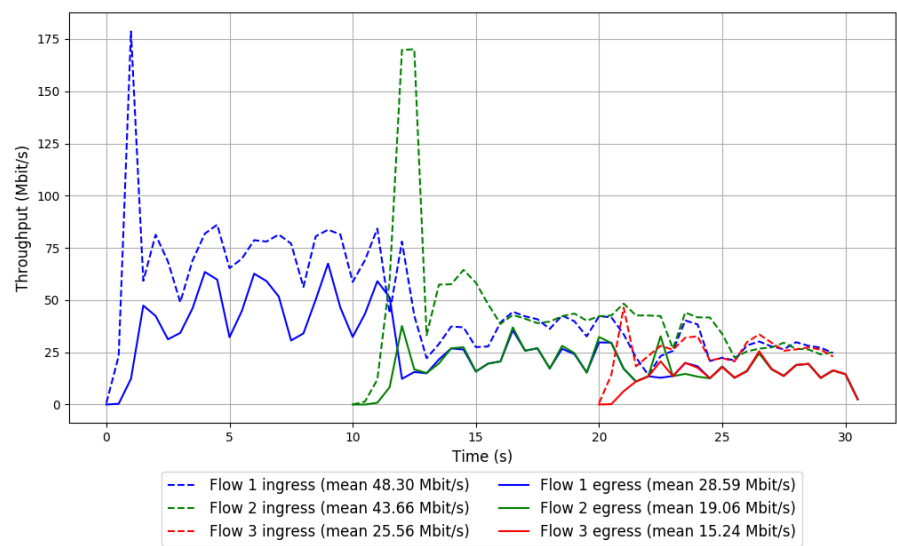
-- Flow 3:

Average throughput: 15.24 Mbit/s

95th percentile per-packet one-way delay: 144.990 ms

Loss rate: 40.30%

Run 10: Report of FillP-Sheep — Data Link

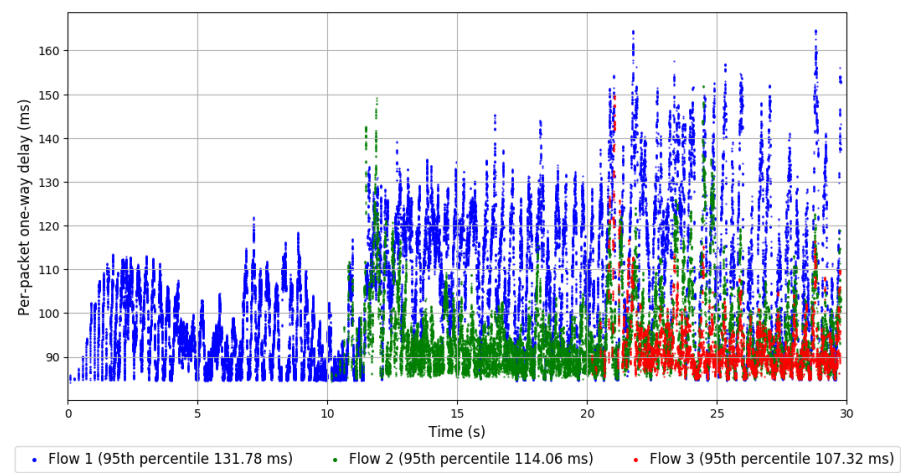
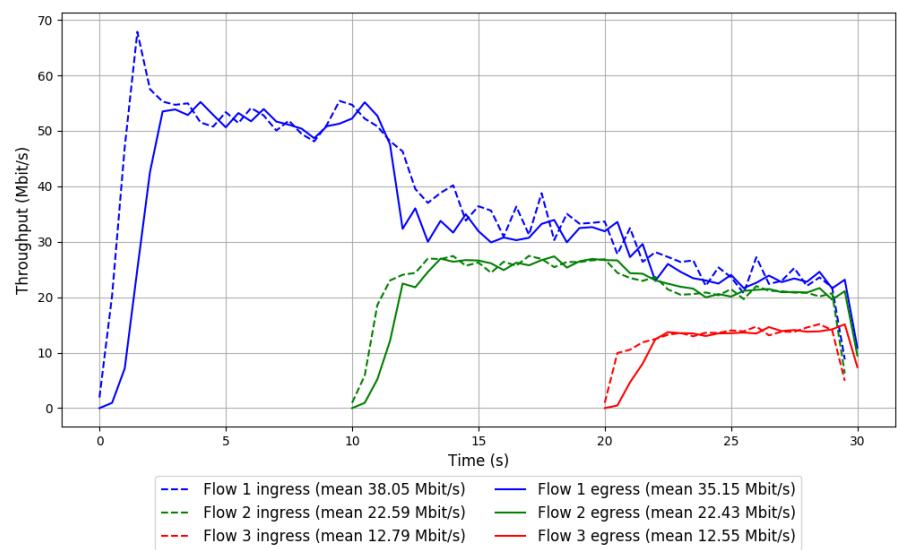


Run 1: Statistics of Indigo

Start at: 2018-07-10 03:43:04
End at: 2018-07-10 03:43:34
Local clock offset: 0.873 ms
Remote clock offset: -0.588 ms

Below is generated by plot.py at 2018-07-10 07:40:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 54.02 Mbit/s
95th percentile per-packet one-way delay: 127.943 ms
Loss rate: 5.34%
-- Flow 1:
Average throughput: 35.15 Mbit/s
95th percentile per-packet one-way delay: 131.778 ms
Loss rate: 7.58%
-- Flow 2:
Average throughput: 22.43 Mbit/s
95th percentile per-packet one-way delay: 114.059 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 12.55 Mbit/s
95th percentile per-packet one-way delay: 107.321 ms
Loss rate: 1.77%

Run 1: Report of Indigo — Data Link

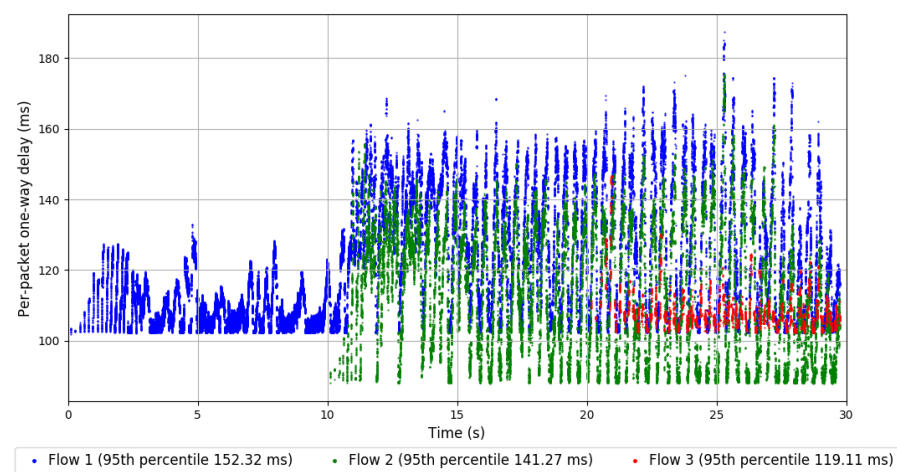
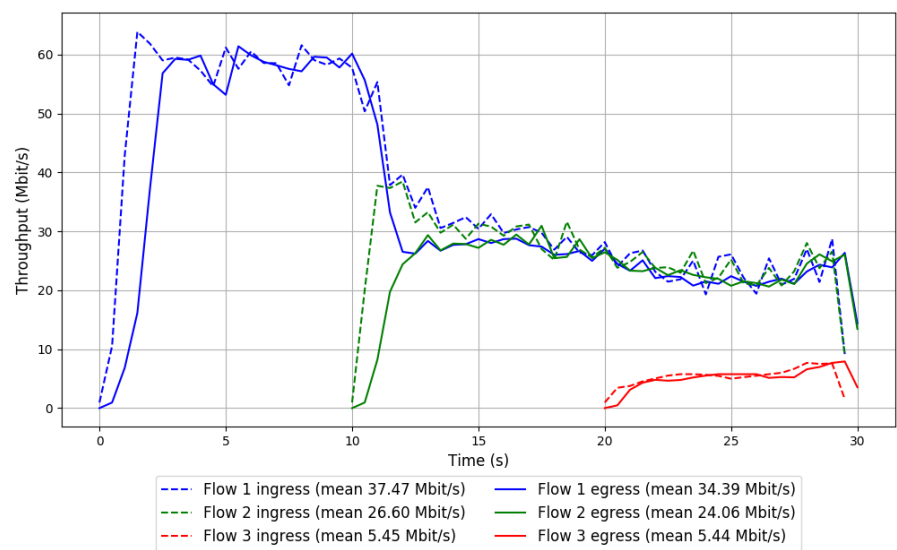


Run 2: Statistics of Indigo

Start at: 2018-07-10 04:06:53
End at: 2018-07-10 04:07:23
Local clock offset: 0.63 ms
Remote clock offset: -0.955 ms

Below is generated by plot.py at 2018-07-10 07:40:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 52.07 Mbit/s
95th percentile per-packet one-way delay: 150.153 ms
Loss rate: 8.36%
-- Flow 1:
Average throughput: 34.39 Mbit/s
95th percentile per-packet one-way delay: 152.321 ms
Loss rate: 8.23%
-- Flow 2:
Average throughput: 24.06 Mbit/s
95th percentile per-packet one-way delay: 141.274 ms
Loss rate: 9.47%
-- Flow 3:
Average throughput: 5.44 Mbit/s
95th percentile per-packet one-way delay: 119.107 ms
Loss rate: 0.11%

Run 2: Report of Indigo — Data Link

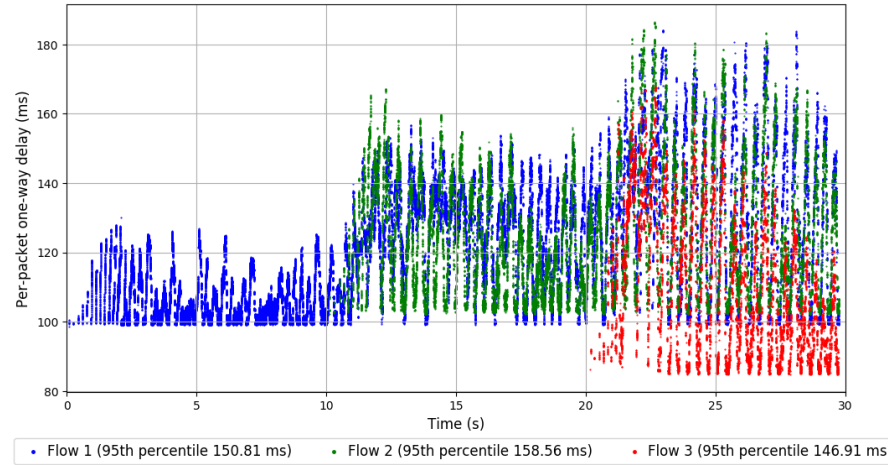
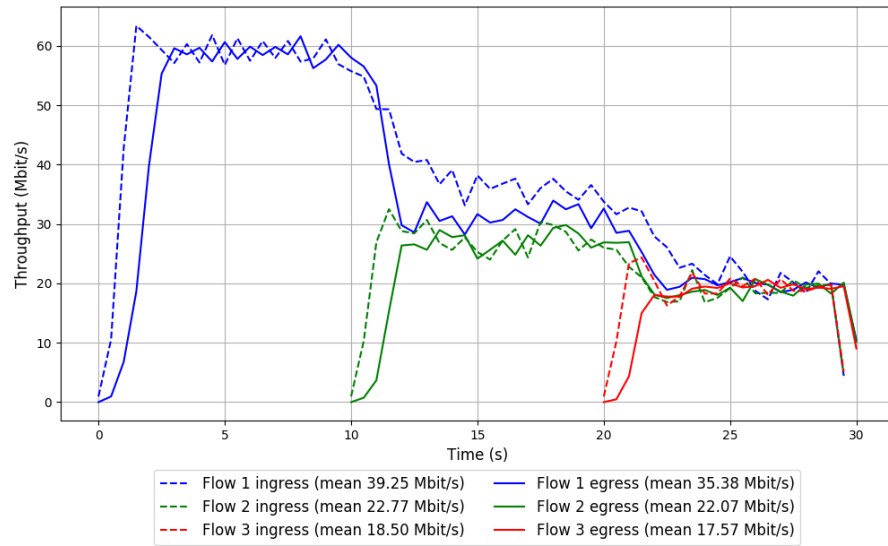


Run 3: Statistics of Indigo

Start at: 2018-07-10 04:30:33
End at: 2018-07-10 04:31:03
Local clock offset: 0.383 ms
Remote clock offset: -0.725 ms

Below is generated by plot.py at 2018-07-10 07:40:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 55.63 Mbit/s
95th percentile per-packet one-way delay: 152.977 ms
Loss rate: 7.69%
-- Flow 1:
Average throughput: 35.38 Mbit/s
95th percentile per-packet one-way delay: 150.811 ms
Loss rate: 9.86%
-- Flow 2:
Average throughput: 22.07 Mbit/s
95th percentile per-packet one-way delay: 158.556 ms
Loss rate: 3.07%
-- Flow 3:
Average throughput: 17.57 Mbit/s
95th percentile per-packet one-way delay: 146.909 ms
Loss rate: 5.03%

Run 3: Report of Indigo — Data Link

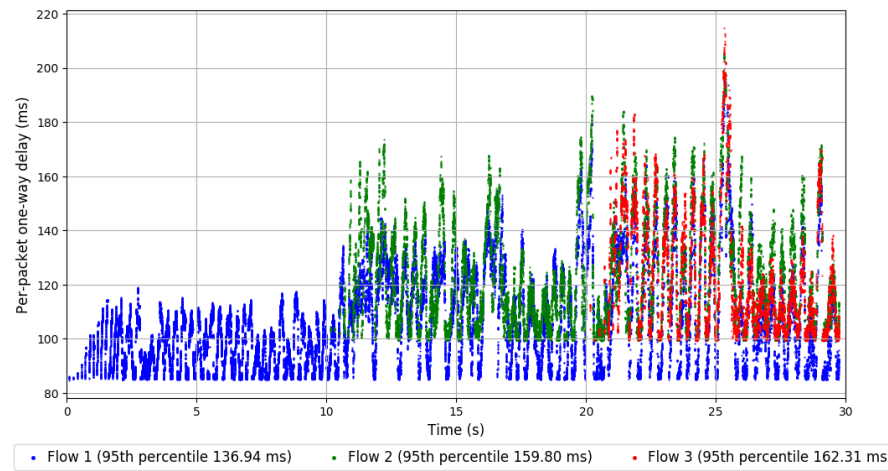
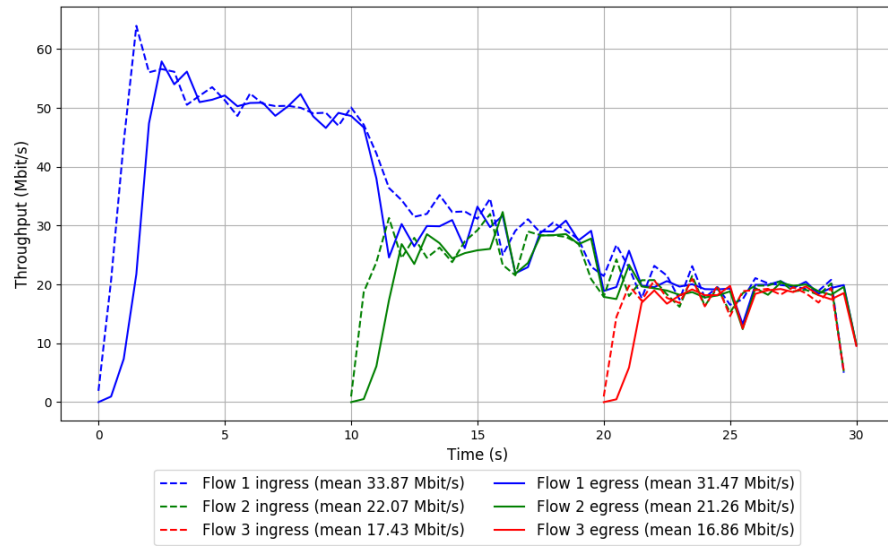


Run 4: Statistics of Indigo

Start at: 2018-07-10 04:54:18
End at: 2018-07-10 04:54:48
Local clock offset: 0.107 ms
Remote clock offset: -0.326 ms

Below is generated by plot.py at 2018-07-10 07:40:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 50.97 Mbit/s
95th percentile per-packet one-way delay: 151.264 ms
Loss rate: 5.74%
-- Flow 1:
Average throughput: 31.47 Mbit/s
95th percentile per-packet one-way delay: 136.941 ms
Loss rate: 7.06%
-- Flow 2:
Average throughput: 21.26 Mbit/s
95th percentile per-packet one-way delay: 159.800 ms
Loss rate: 3.64%
-- Flow 3:
Average throughput: 16.86 Mbit/s
95th percentile per-packet one-way delay: 162.310 ms
Loss rate: 3.22%

Run 4: Report of Indigo — Data Link

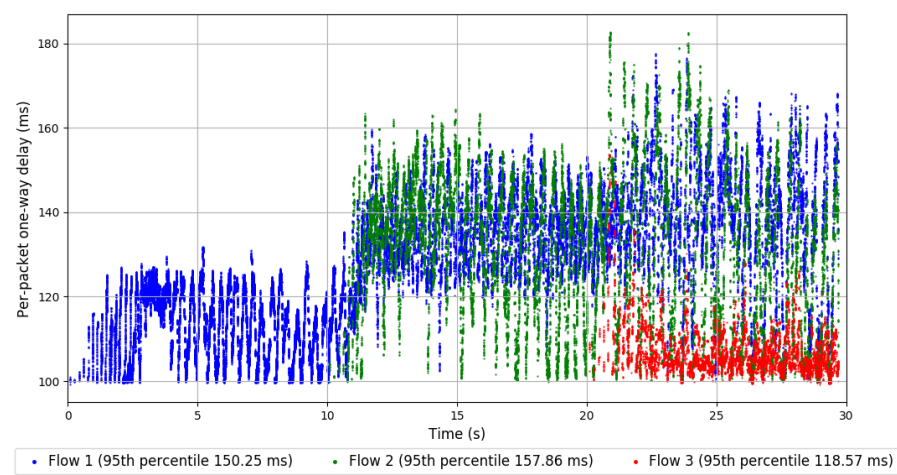
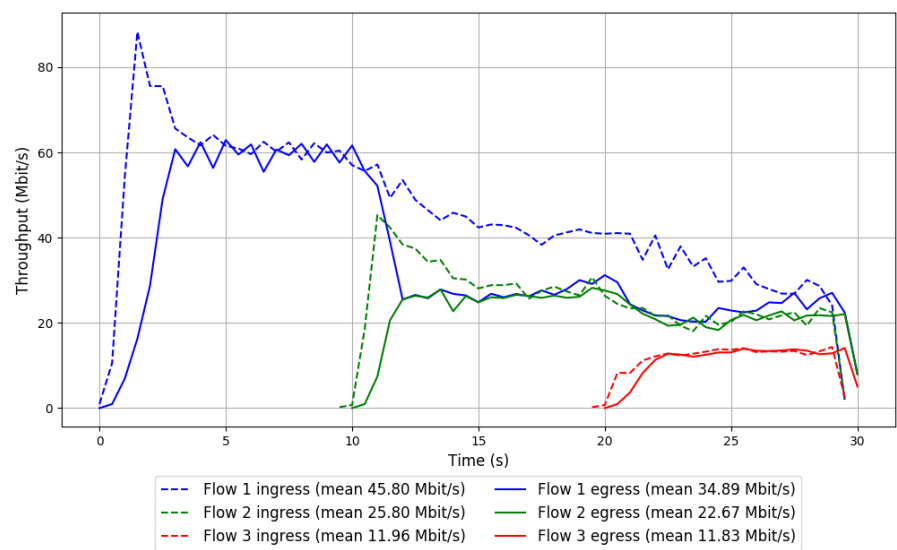


Run 5: Statistics of Indigo

Start at: 2018-07-10 05:17:56
End at: 2018-07-10 05:18:26
Local clock offset: -0.099 ms
Remote clock offset: -0.107 ms

Below is generated by plot.py at 2018-07-10 07:41:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 53.73 Mbit/s
95th percentile per-packet one-way delay: 152.538 ms
Loss rate: 19.53%
-- Flow 1:
Average throughput: 34.89 Mbit/s
95th percentile per-packet one-way delay: 150.249 ms
Loss rate: 23.83%
-- Flow 2:
Average throughput: 22.67 Mbit/s
95th percentile per-packet one-way delay: 157.862 ms
Loss rate: 12.16%
-- Flow 3:
Average throughput: 11.83 Mbit/s
95th percentile per-packet one-way delay: 118.573 ms
Loss rate: 1.18%

Run 5: Report of Indigo — Data Link

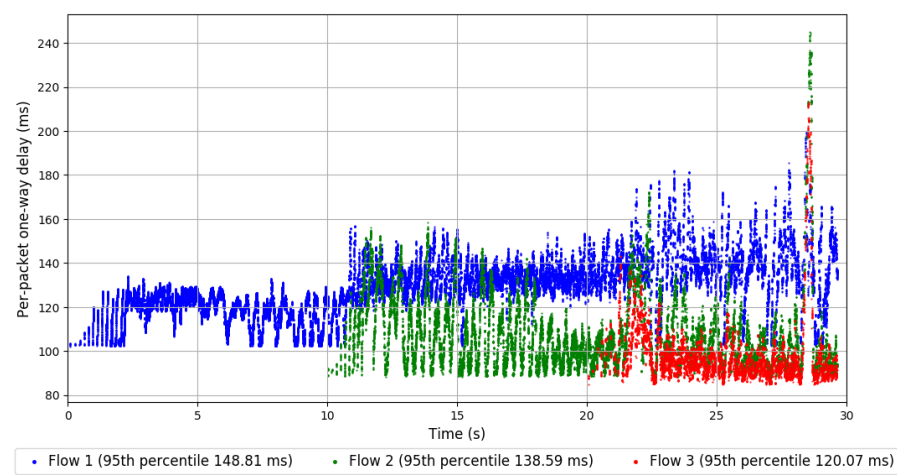
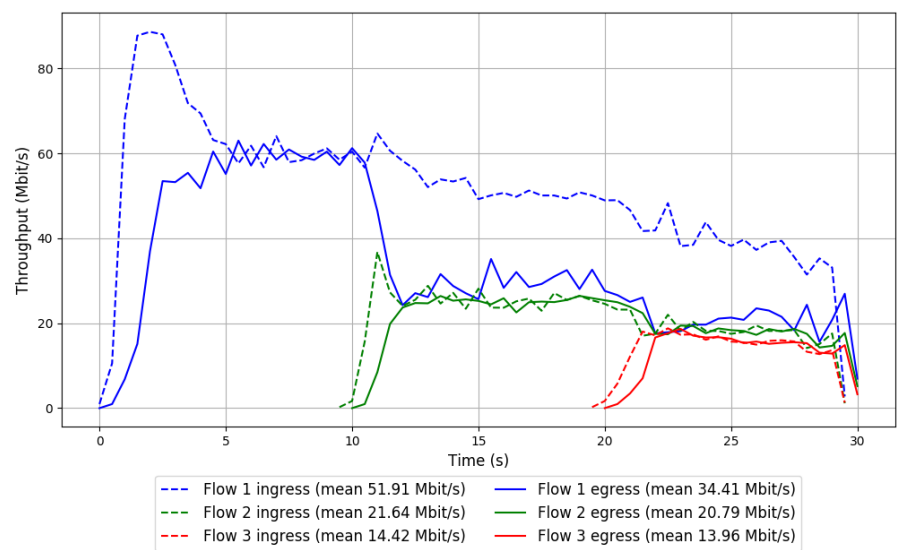


Run 6: Statistics of Indigo

Start at: 2018-07-10 05:41:40
End at: 2018-07-10 05:42:10
Local clock offset: -0.311 ms
Remote clock offset: -0.062 ms

Below is generated by plot.py at 2018-07-10 07:41:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 52.75 Mbit/s
95th percentile per-packet one-way delay: 146.498 ms
Loss rate: 25.65%
-- Flow 1:
Average throughput: 34.41 Mbit/s
95th percentile per-packet one-way delay: 148.813 ms
Loss rate: 33.70%
-- Flow 2:
Average throughput: 20.79 Mbit/s
95th percentile per-packet one-way delay: 138.587 ms
Loss rate: 3.93%
-- Flow 3:
Average throughput: 13.96 Mbit/s
95th percentile per-packet one-way delay: 120.073 ms
Loss rate: 3.10%

Run 6: Report of Indigo — Data Link



Run 7: Statistics of Indigo

Start at: 2018-07-10 06:05:29

End at: 2018-07-10 06:05:59

Local clock offset: -0.488 ms

Remote clock offset: 0.193 ms

Below is generated by plot.py at 2018-07-10 07:41:15

Datalink statistics

-- Total of 3 flows:

Average throughput: 50.12 Mbit/s

95th percentile per-packet one-way delay: 150.037 ms

Loss rate: 18.00%

-- Flow 1:

Average throughput: 31.23 Mbit/s

95th percentile per-packet one-way delay: 152.689 ms

Loss rate: 25.15%

-- Flow 2:

Average throughput: 21.48 Mbit/s

95th percentile per-packet one-way delay: 142.832 ms

Loss rate: 2.75%

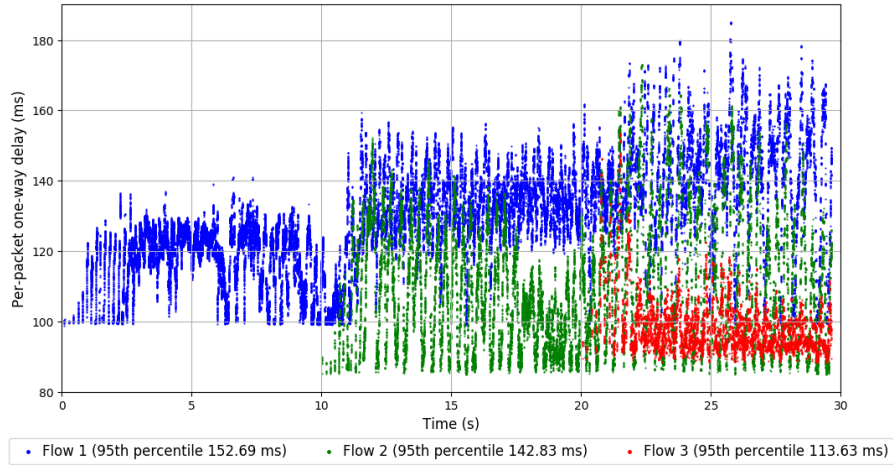
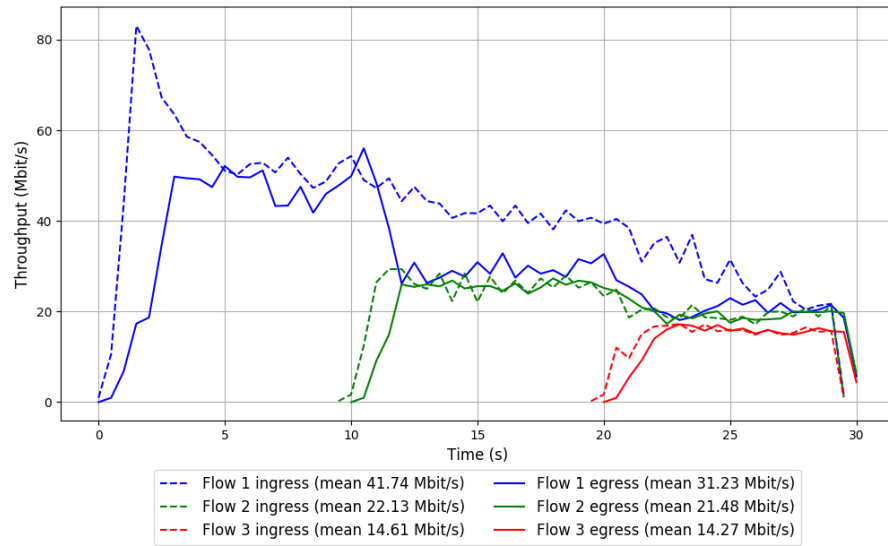
-- Flow 3:

Average throughput: 14.27 Mbit/s

95th percentile per-packet one-way delay: 113.633 ms

Loss rate: 2.32%

Run 7: Report of Indigo — Data Link

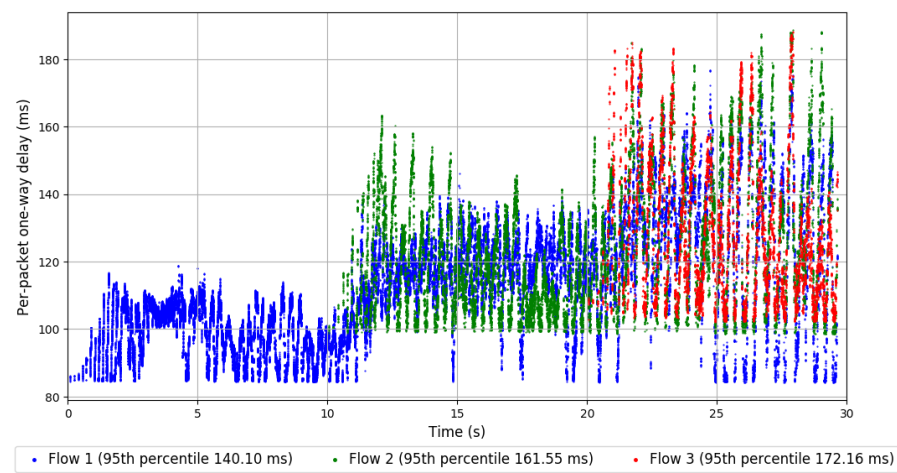
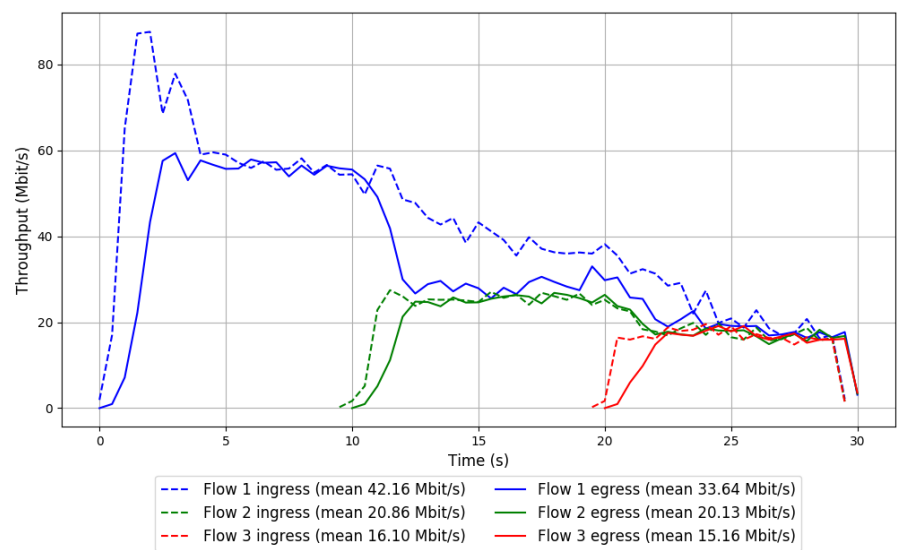


Run 8: Statistics of Indigo

Start at: 2018-07-10 06:29:10
End at: 2018-07-10 06:29:40
Local clock offset: -0.346 ms
Remote clock offset: 1.106 ms

Below is generated by plot.py at 2018-07-10 07:41:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 51.89 Mbit/s
95th percentile per-packet one-way delay: 152.090 ms
Loss rate: 15.16%
-- Flow 1:
Average throughput: 33.64 Mbit/s
95th percentile per-packet one-way delay: 140.101 ms
Loss rate: 20.14%
-- Flow 2:
Average throughput: 20.13 Mbit/s
95th percentile per-packet one-way delay: 161.549 ms
Loss rate: 3.51%
-- Flow 3:
Average throughput: 15.16 Mbit/s
95th percentile per-packet one-way delay: 172.161 ms
Loss rate: 5.78%

Run 8: Report of Indigo — Data Link

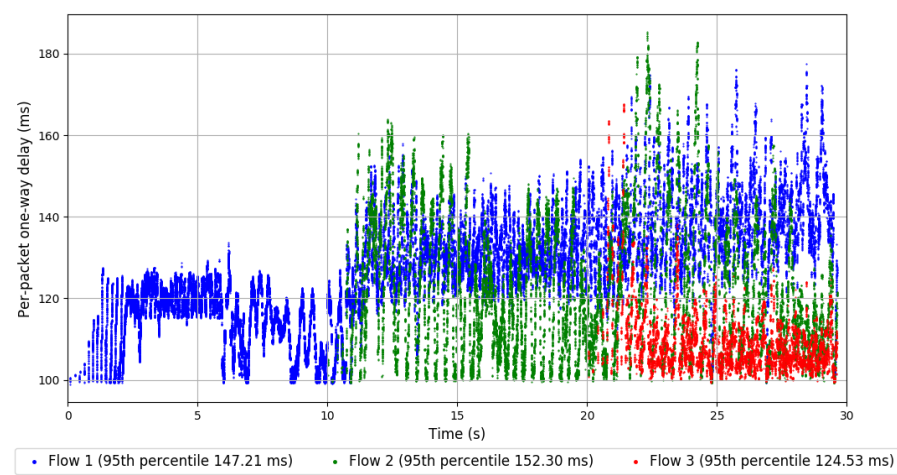
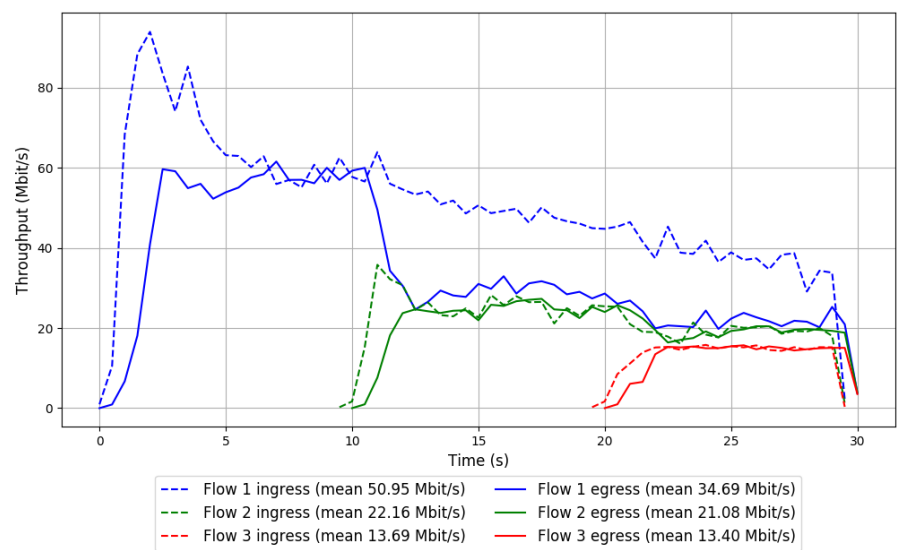


Run 9: Statistics of Indigo

Start at: 2018-07-10 06:52:50
End at: 2018-07-10 06:53:20
Local clock offset: -0.301 ms
Remote clock offset: 11.343 ms

Below is generated by plot.py at 2018-07-10 07:41:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 53.03 Mbit/s
95th percentile per-packet one-way delay: 147.985 ms
Loss rate: 24.34%
-- Flow 1:
Average throughput: 34.69 Mbit/s
95th percentile per-packet one-way delay: 147.208 ms
Loss rate: 31.91%
-- Flow 2:
Average throughput: 21.08 Mbit/s
95th percentile per-packet one-way delay: 152.304 ms
Loss rate: 4.87%
-- Flow 3:
Average throughput: 13.40 Mbit/s
95th percentile per-packet one-way delay: 124.532 ms
Loss rate: 2.03%

Run 9: Report of Indigo — Data Link

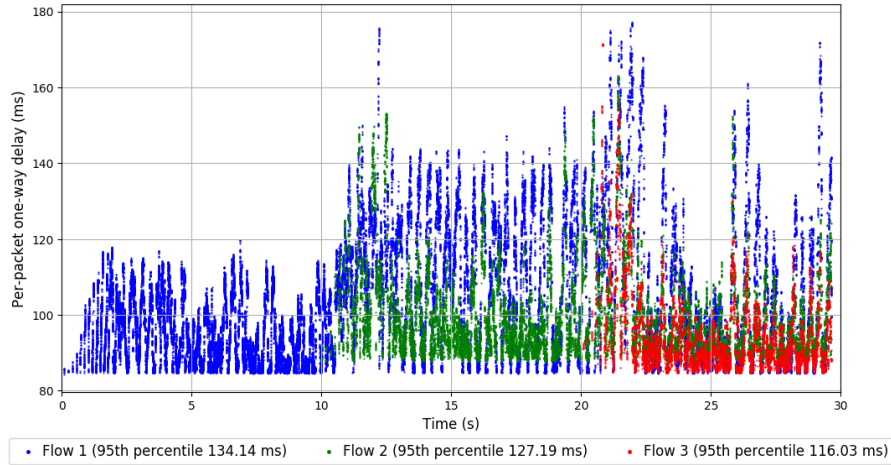
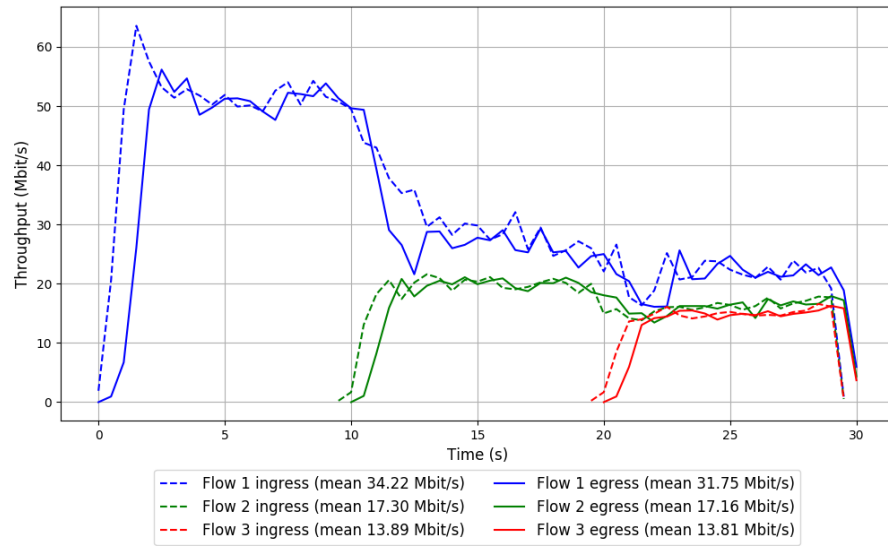


Run 10: Statistics of Indigo

Start at: 2018-07-10 07:16:27
End at: 2018-07-10 07:16:57
Local clock offset: -0.048 ms
Remote clock offset: 15.392 ms

Below is generated by plot.py at 2018-07-10 07:41:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 47.61 Mbit/s
95th percentile per-packet one-way delay: 132.218 ms
Loss rate: 5.14%
-- Flow 1:
Average throughput: 31.75 Mbit/s
95th percentile per-packet one-way delay: 134.137 ms
Loss rate: 7.21%
-- Flow 2:
Average throughput: 17.16 Mbit/s
95th percentile per-packet one-way delay: 127.186 ms
Loss rate: 0.77%
-- Flow 3:
Average throughput: 13.81 Mbit/s
95th percentile per-packet one-way delay: 116.029 ms
Loss rate: 0.57%

Run 10: Report of Indigo — Data Link

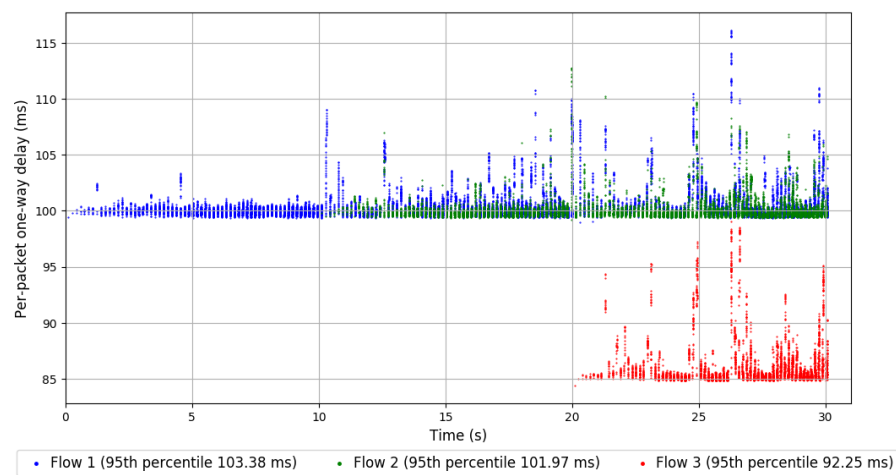
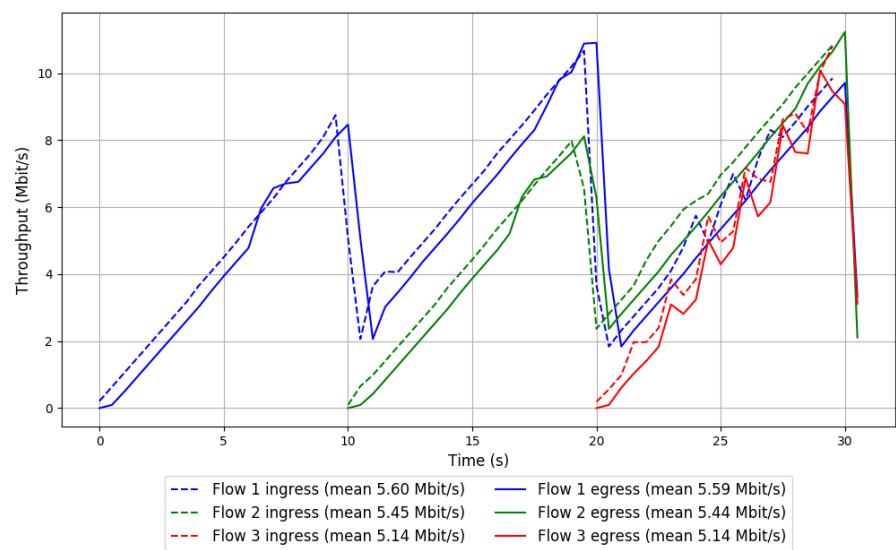


Run 1: Statistics of LEDBAT

Start at: 2018-07-10 03:47:14
End at: 2018-07-10 03:47:44
Local clock offset: 0.708 ms
Remote clock offset: -0.788 ms

Below is generated by plot.py at 2018-07-10 07:41:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 10.92 Mbit/s
95th percentile per-packet one-way delay: 102.525 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 5.59 Mbit/s
95th percentile per-packet one-way delay: 103.382 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 5.44 Mbit/s
95th percentile per-packet one-way delay: 101.972 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 5.14 Mbit/s
95th percentile per-packet one-way delay: 92.247 ms
Loss rate: 0.00%

Run 1: Report of LEDBAT — Data Link

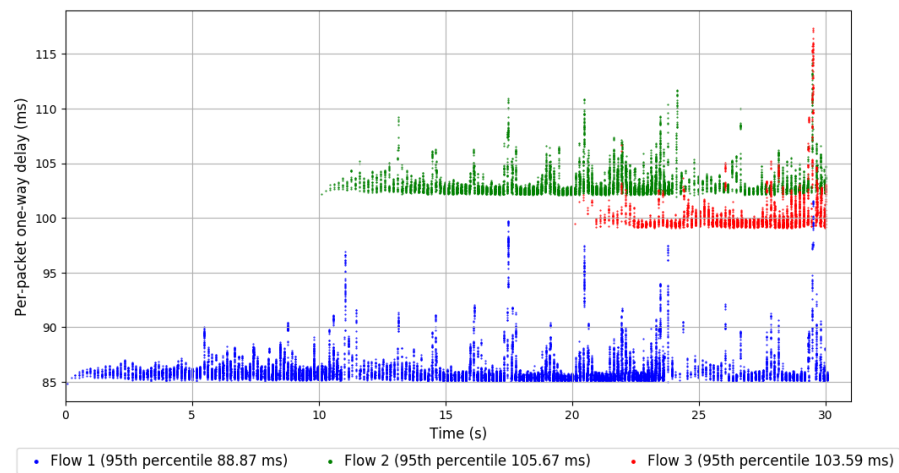
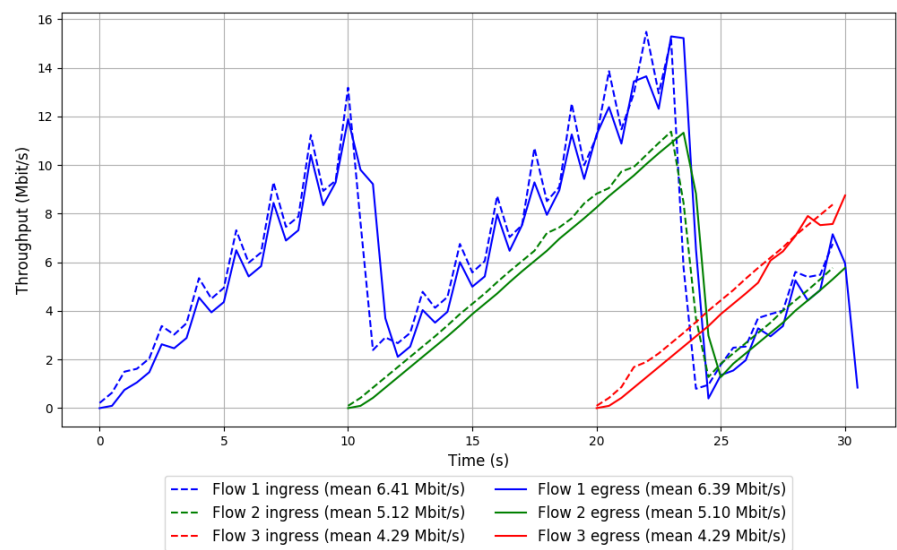


Run 2: Statistics of LEDBAT

Start at: 2018-07-10 04:11:04
End at: 2018-07-10 04:11:34
Local clock offset: 0.626 ms
Remote clock offset: -0.878 ms

Below is generated by plot.py at 2018-07-10 07:41:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 11.18 Mbit/s
95th percentile per-packet one-way delay: 104.079 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 6.39 Mbit/s
95th percentile per-packet one-way delay: 88.866 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 5.10 Mbit/s
95th percentile per-packet one-way delay: 105.674 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 4.29 Mbit/s
95th percentile per-packet one-way delay: 103.594 ms
Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link

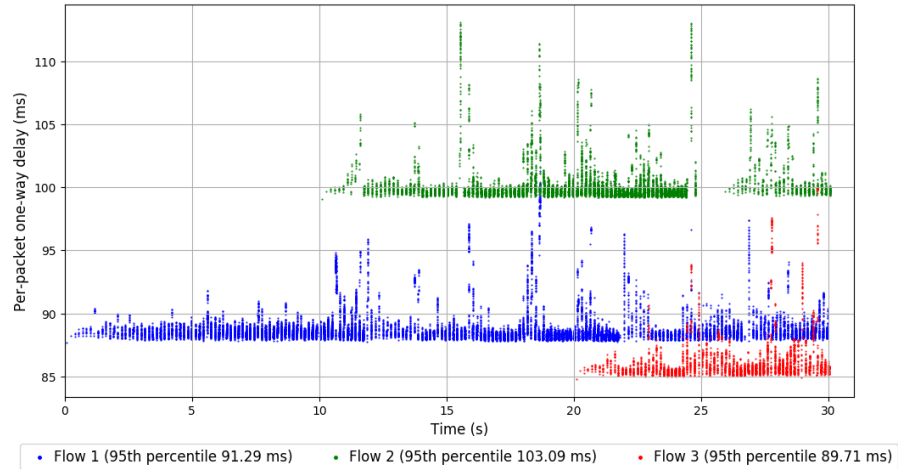
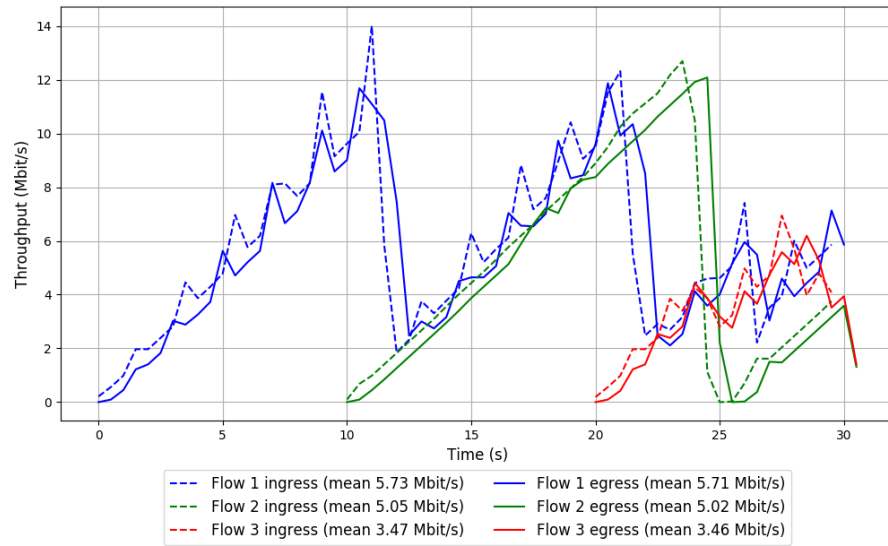


Run 3: Statistics of LEDBAT

Start at: 2018-07-10 04:34:46
End at: 2018-07-10 04:35:16
Local clock offset: 0.477 ms
Remote clock offset: -0.597 ms

Below is generated by plot.py at 2018-07-10 07:41:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 10.18 Mbit/s
95th percentile per-packet one-way delay: 100.484 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 5.71 Mbit/s
95th percentile per-packet one-way delay: 91.294 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 5.02 Mbit/s
95th percentile per-packet one-way delay: 103.087 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 3.46 Mbit/s
95th percentile per-packet one-way delay: 89.714 ms
Loss rate: 0.37%

Run 3: Report of LEDBAT — Data Link

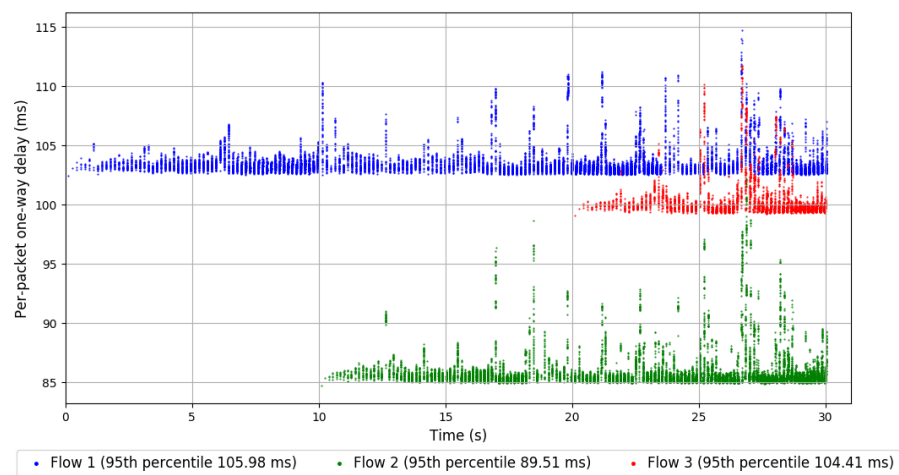
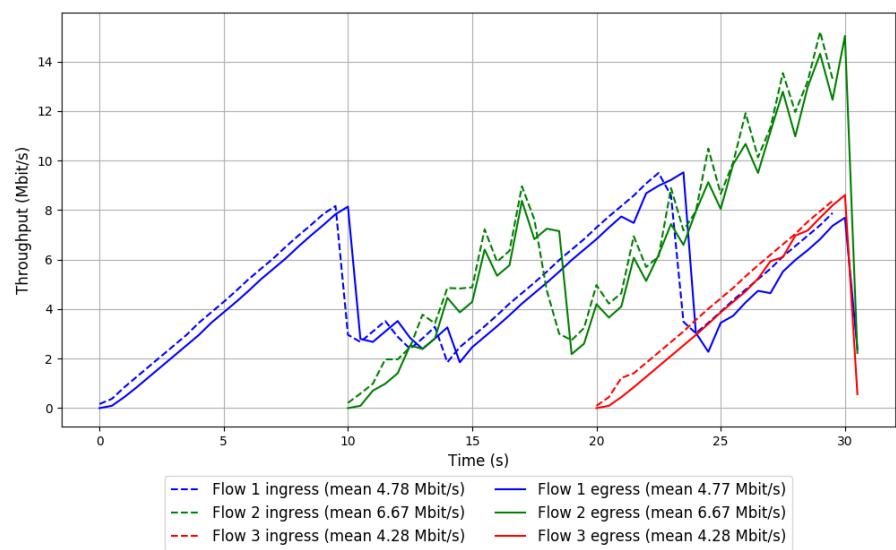


Run 4: Statistics of LEDBAT

Start at: 2018-07-10 04:58:29
End at: 2018-07-10 04:58:59
Local clock offset: 0.027 ms
Remote clock offset: -0.293 ms

Below is generated by plot.py at 2018-07-10 07:41:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 10.62 Mbit/s
95th percentile per-packet one-way delay: 104.654 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 4.77 Mbit/s
95th percentile per-packet one-way delay: 105.984 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 6.67 Mbit/s
95th percentile per-packet one-way delay: 89.509 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 4.28 Mbit/s
95th percentile per-packet one-way delay: 104.407 ms
Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link

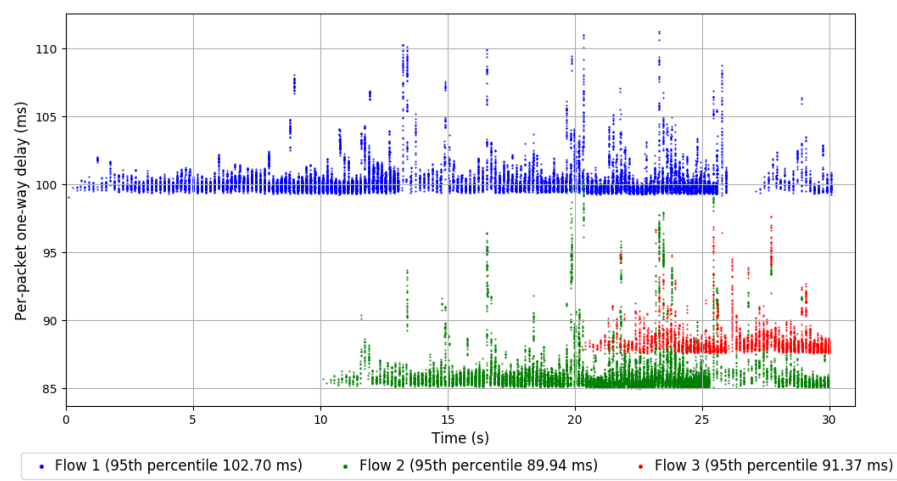
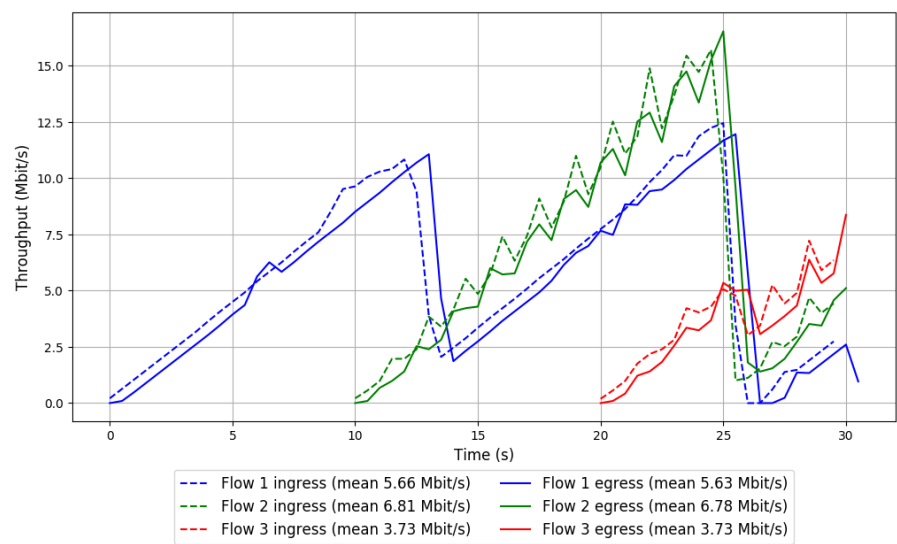


Run 5: Statistics of LEDBAT

Start at: 2018-07-10 05:22:10
End at: 2018-07-10 05:22:40
Local clock offset: -0.032 ms
Remote clock offset: -0.119 ms

Below is generated by plot.py at 2018-07-10 07:41:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 11.36 Mbit/s
95th percentile per-packet one-way delay: 101.456 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 5.63 Mbit/s
95th percentile per-packet one-way delay: 102.697 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 6.78 Mbit/s
95th percentile per-packet one-way delay: 89.940 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 3.73 Mbit/s
95th percentile per-packet one-way delay: 91.370 ms
Loss rate: 0.06%

Run 5: Report of LEDBAT — Data Link

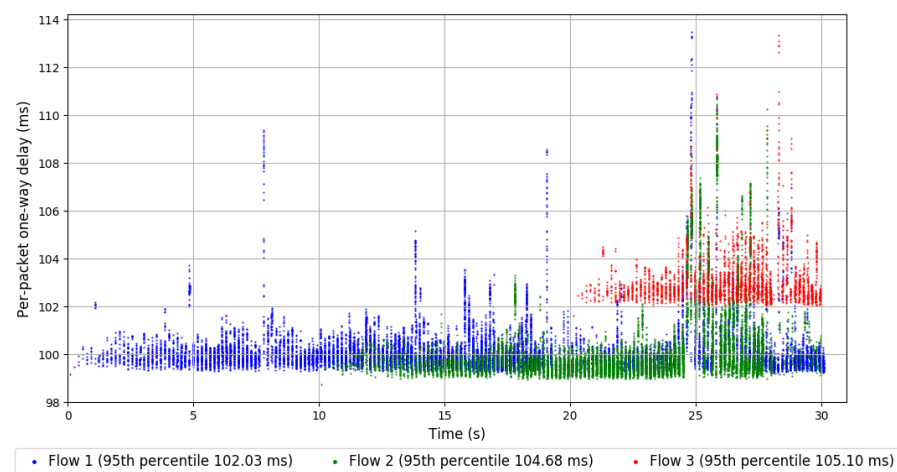
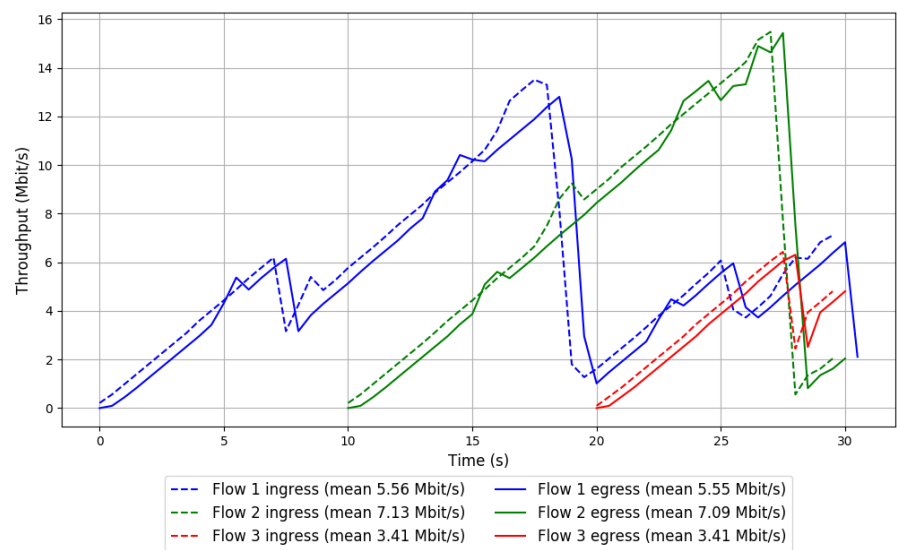


Run 6: Statistics of LEDBAT

Start at: 2018-07-10 05:45:52
End at: 2018-07-10 05:46:22
Local clock offset: -0.507 ms
Remote clock offset: -0.001 ms

Below is generated by plot.py at 2018-07-10 07:41:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 11.36 Mbit/s
95th percentile per-packet one-way delay: 103.862 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 5.55 Mbit/s
95th percentile per-packet one-way delay: 102.028 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 7.09 Mbit/s
95th percentile per-packet one-way delay: 104.680 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 3.41 Mbit/s
95th percentile per-packet one-way delay: 105.099 ms
Loss rate: 0.07%

Run 6: Report of LEDBAT — Data Link

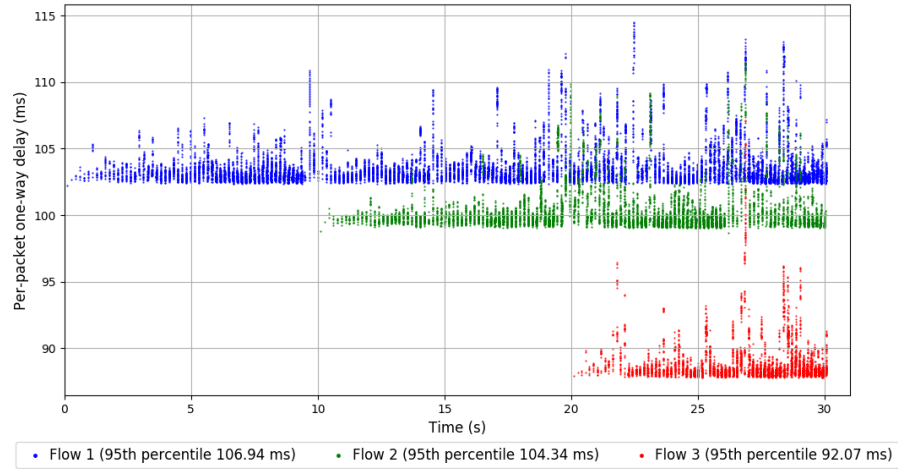
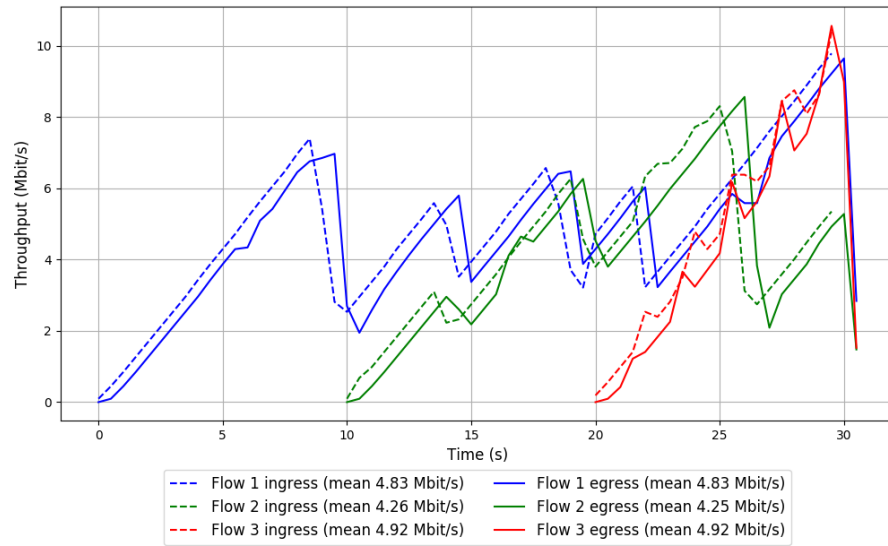


Run 7: Statistics of LEDBAT

Start at: 2018-07-10 06:09:39
End at: 2018-07-10 06:10:09
Local clock offset: -0.471 ms
Remote clock offset: 0.124 ms

Below is generated by plot.py at 2018-07-10 07:41:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 9.28 Mbit/s
95th percentile per-packet one-way delay: 105.907 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 4.83 Mbit/s
95th percentile per-packet one-way delay: 106.941 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 4.25 Mbit/s
95th percentile per-packet one-way delay: 104.338 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 4.92 Mbit/s
95th percentile per-packet one-way delay: 92.074 ms
Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2018-07-10 06:33:23

End at: 2018-07-10 06:33:53

Local clock offset: -0.188 ms

Remote clock offset: 4.509 ms

Below is generated by plot.py at 2018-07-10 07:41:26

Datalink statistics

-- Total of 3 flows:

Average throughput: 11.92 Mbit/s

95th percentile per-packet one-way delay: 100.856 ms

Loss rate: 0.27%

-- Flow 1:

Average throughput: 7.17 Mbit/s

95th percentile per-packet one-way delay: 91.566 ms

Loss rate: 0.44%

-- Flow 2:

Average throughput: 5.28 Mbit/s

95th percentile per-packet one-way delay: 103.072 ms

Loss rate: 0.02%

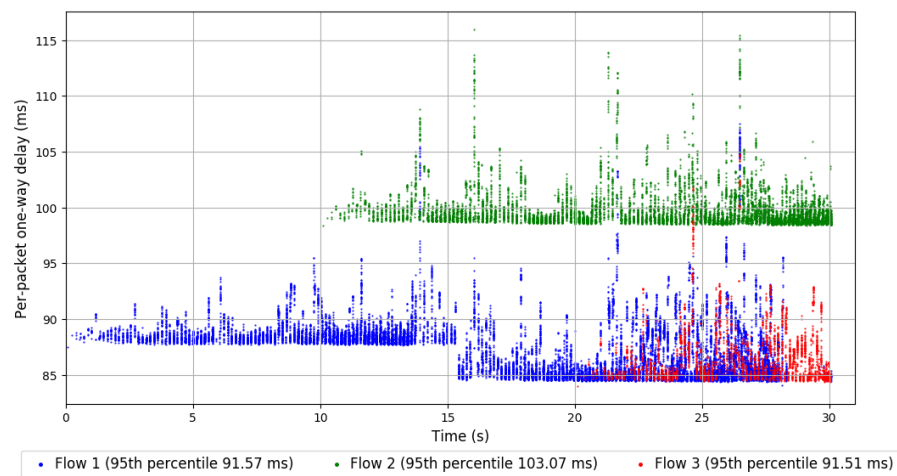
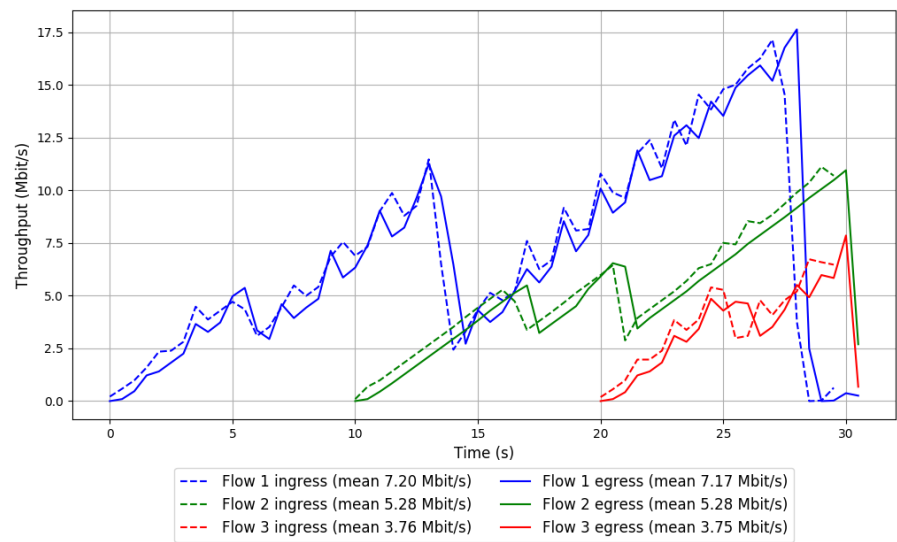
-- Flow 3:

Average throughput: 3.75 Mbit/s

95th percentile per-packet one-way delay: 91.510 ms

Loss rate: 0.03%

Run 8: Report of LEDBAT — Data Link

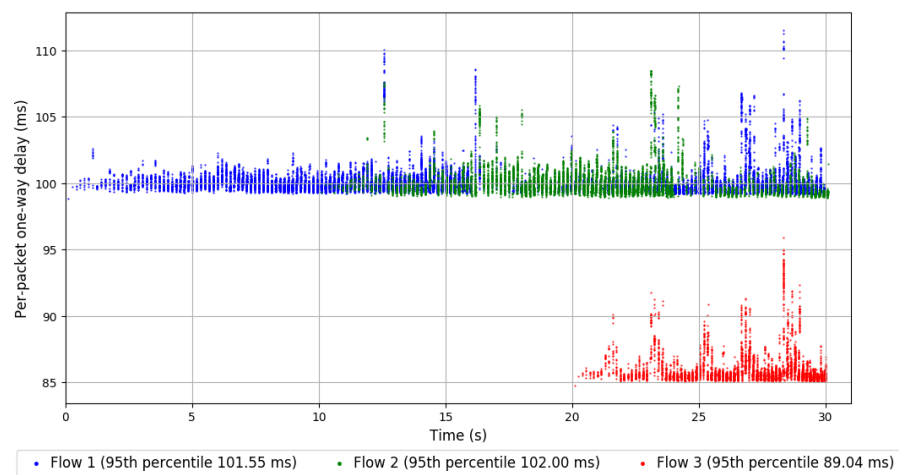
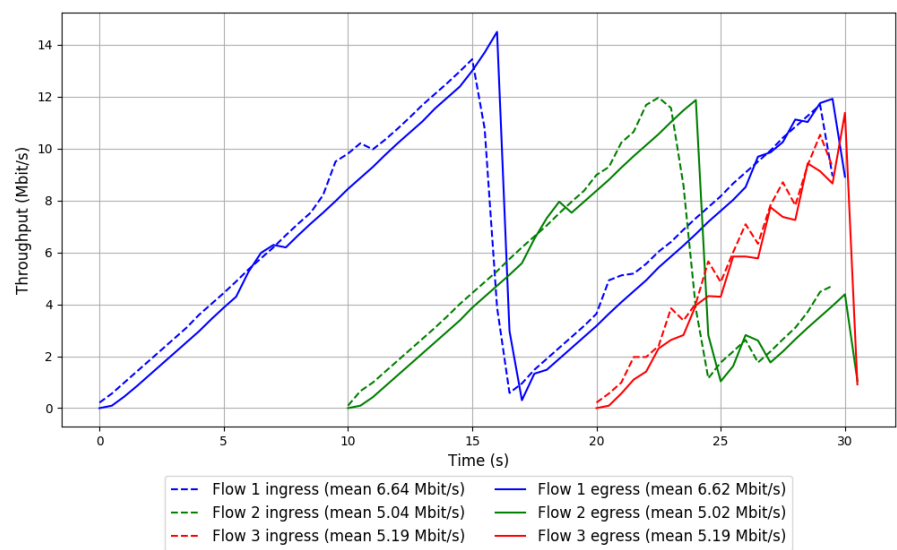


Run 9: Statistics of LEDBAT

Start at: 2018-07-10 06:57:00
End at: 2018-07-10 06:57:31
Local clock offset: -0.293 ms
Remote clock offset: 12.225 ms

Below is generated by plot.py at 2018-07-10 07:41:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 11.65 Mbit/s
95th percentile per-packet one-way delay: 101.497 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 6.62 Mbit/s
95th percentile per-packet one-way delay: 101.553 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 5.02 Mbit/s
95th percentile per-packet one-way delay: 102.002 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 5.19 Mbit/s
95th percentile per-packet one-way delay: 89.038 ms
Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link

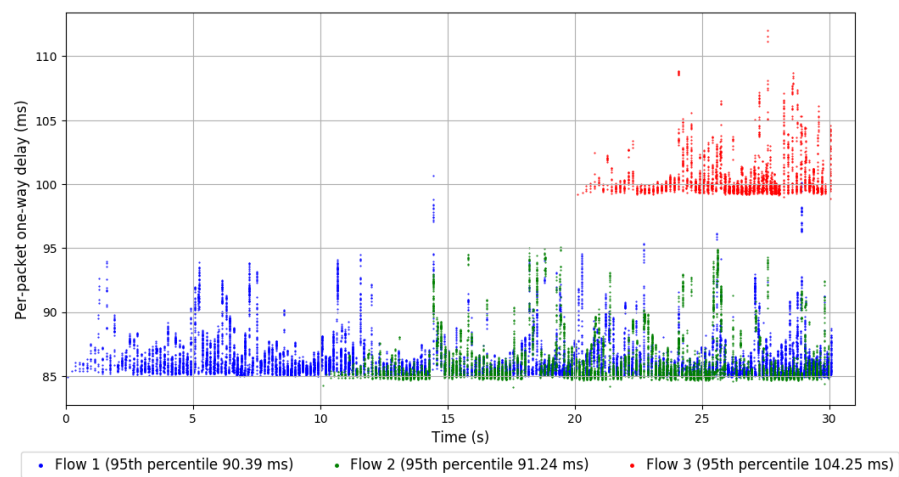
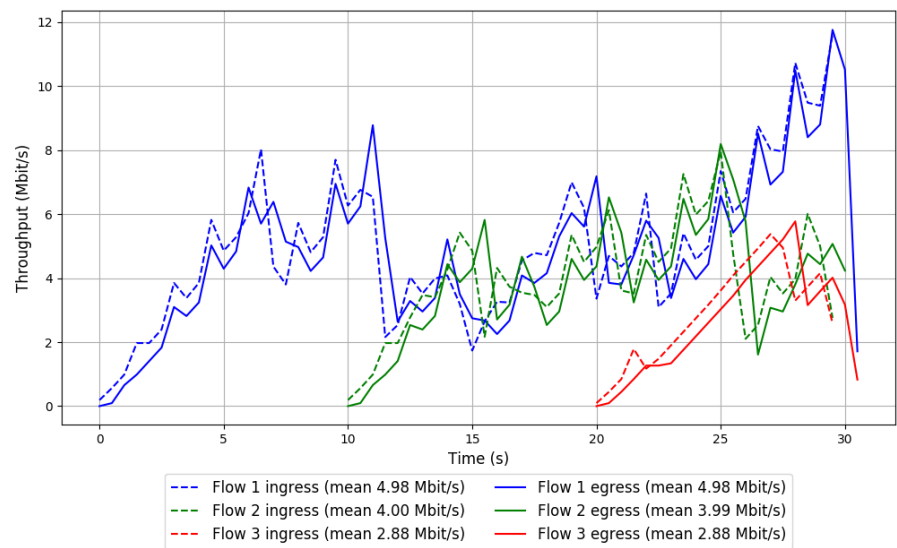


Run 10: Statistics of LEDBAT

Start at: 2018-07-10 07:20:38
End at: 2018-07-10 07:21:08
Local clock offset: -0.025 ms
Remote clock offset: 16.148 ms

Below is generated by plot.py at 2018-07-10 07:41:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.58 Mbit/s
95th percentile per-packet one-way delay: 100.012 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 4.98 Mbit/s
95th percentile per-packet one-way delay: 90.394 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 3.99 Mbit/s
95th percentile per-packet one-way delay: 91.236 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 2.88 Mbit/s
95th percentile per-packet one-way delay: 104.252 ms
Loss rate: 0.12%

Run 10: Report of LEDBAT — Data Link

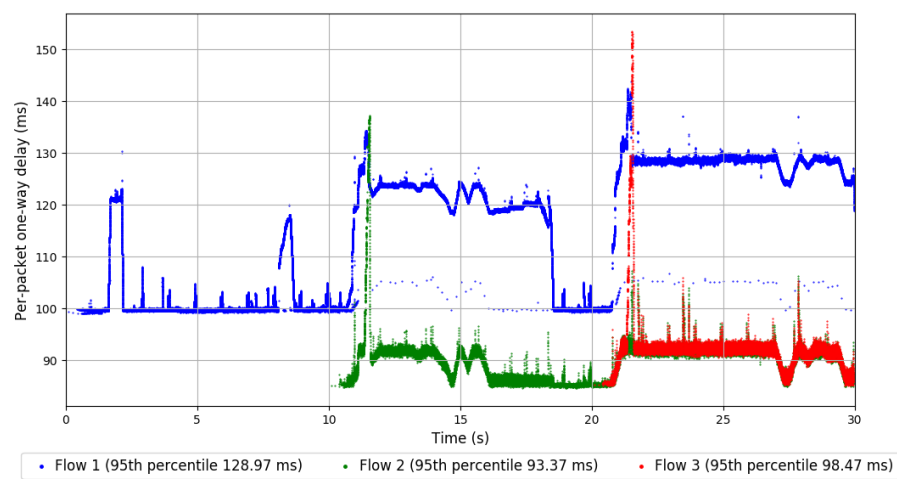
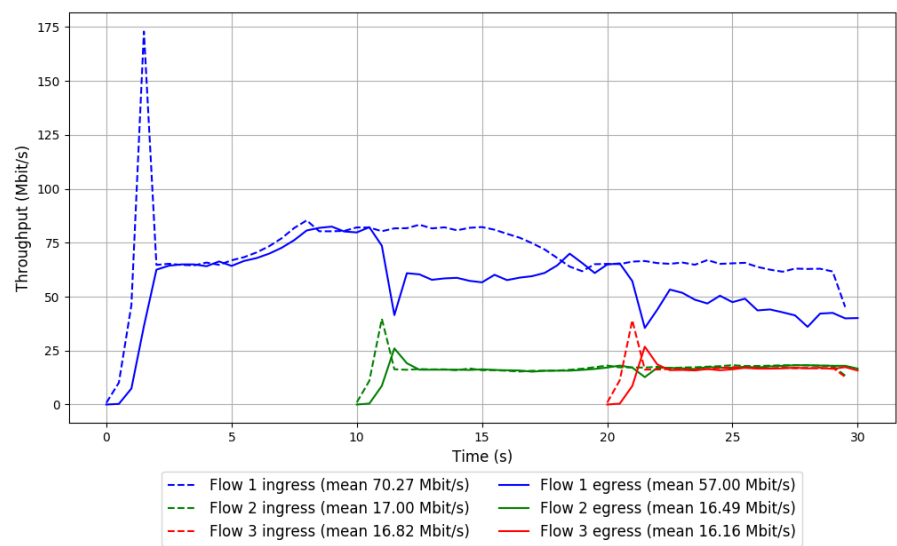


```
Run 1: Statistics of PCC-Allegro

Start at: 2018-07-10 03:40:20
End at: 2018-07-10 03:40:50
Local clock offset: 0.616 ms
Remote clock offset: -0.581 ms

# Below is generated by plot.py at 2018-07-10 07:42:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 73.30 Mbit/s
95th percentile per-packet one-way delay: 128.877 ms
Loss rate: 15.86%
-- Flow 1:
Average throughput: 57.00 Mbit/s
95th percentile per-packet one-way delay: 128.973 ms
Loss rate: 18.86%
-- Flow 2:
Average throughput: 16.49 Mbit/s
95th percentile per-packet one-way delay: 93.374 ms
Loss rate: 3.01%
-- Flow 3:
Average throughput: 16.16 Mbit/s
95th percentile per-packet one-way delay: 98.465 ms
Loss rate: 3.95%
```

Run 1: Report of PCC-Allegro — Data Link

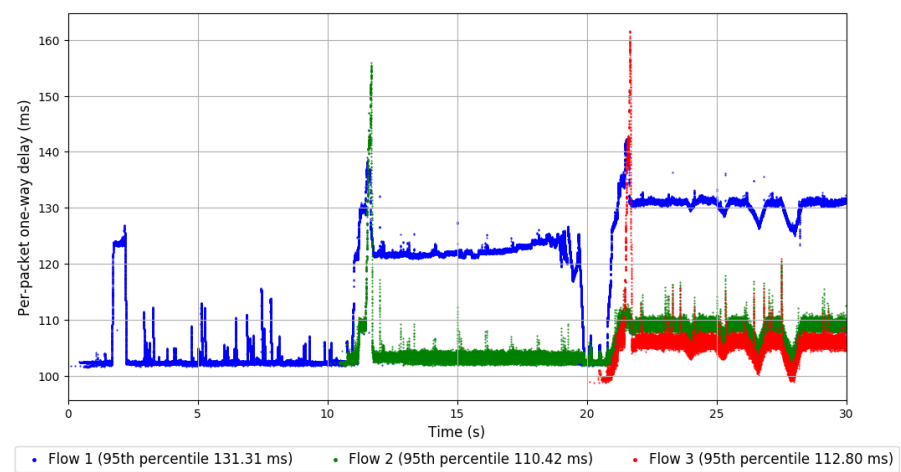
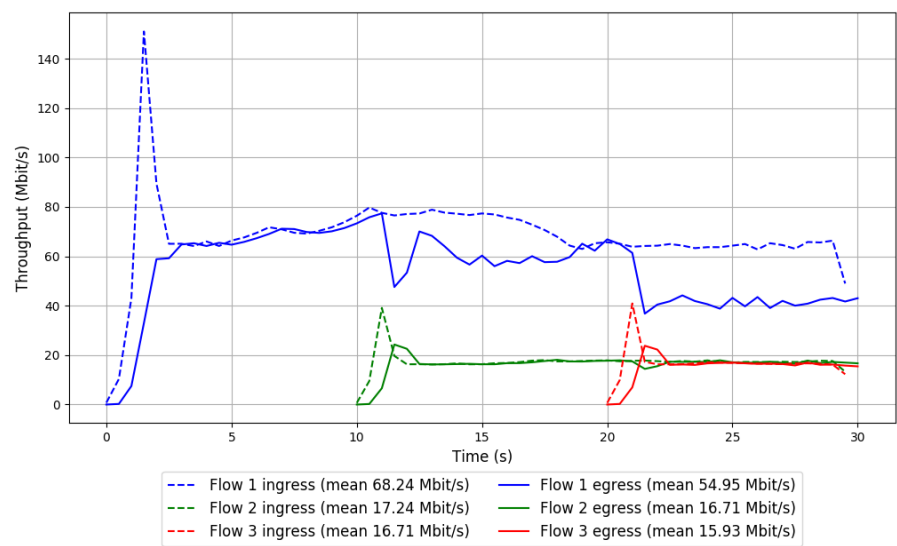


Run 2: Statistics of PCC-Allegro

Start at: 2018-07-10 04:04:09
End at: 2018-07-10 04:04:39
Local clock offset: 0.79 ms
Remote clock offset: -0.907 ms

Below is generated by plot.py at 2018-07-10 07:42:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 71.32 Mbit/s
95th percentile per-packet one-way delay: 131.249 ms
Loss rate: 16.28%
-- Flow 1:
Average throughput: 54.95 Mbit/s
95th percentile per-packet one-way delay: 131.306 ms
Loss rate: 19.46%
-- Flow 2:
Average throughput: 16.71 Mbit/s
95th percentile per-packet one-way delay: 110.424 ms
Loss rate: 3.03%
-- Flow 3:
Average throughput: 15.93 Mbit/s
95th percentile per-packet one-way delay: 112.796 ms
Loss rate: 4.57%

Run 2: Report of PCC-Allegro — Data Link

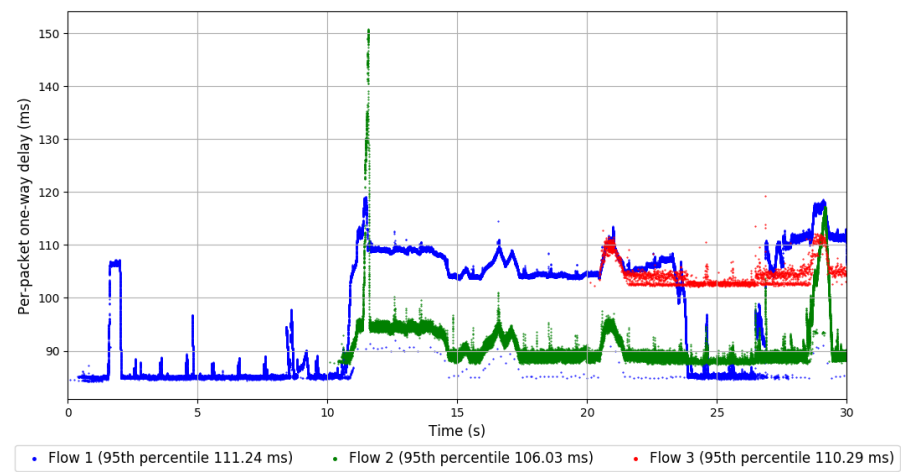
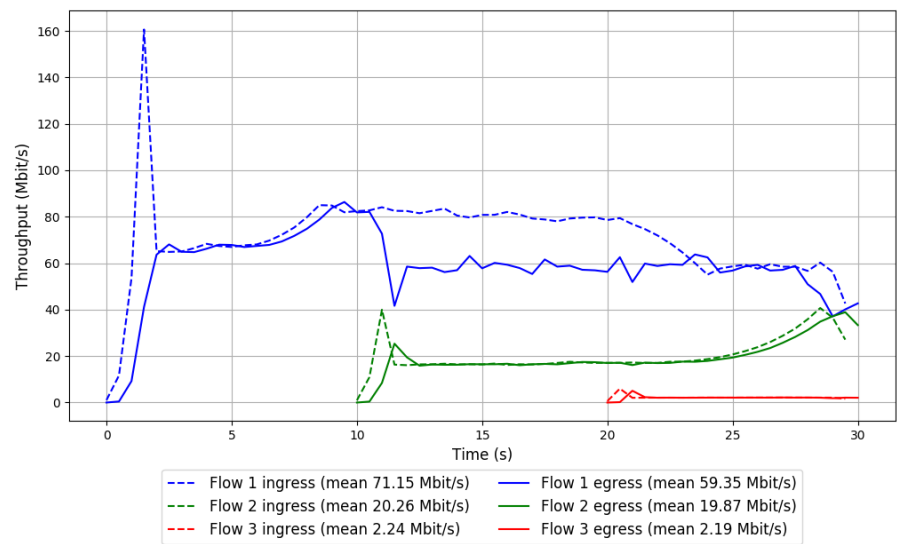


Run 3: Statistics of PCC-Allegro

Start at: 2018-07-10 04:27:48
End at: 2018-07-10 04:28:18
Local clock offset: 0.317 ms
Remote clock offset: -0.762 ms

Below is generated by plot.py at 2018-07-10 07:42:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.27 Mbit/s
95th percentile per-packet one-way delay: 111.104 ms
Loss rate: 14.10%
-- Flow 1:
Average throughput: 59.35 Mbit/s
95th percentile per-packet one-way delay: 111.238 ms
Loss rate: 16.53%
-- Flow 2:
Average throughput: 19.87 Mbit/s
95th percentile per-packet one-way delay: 106.033 ms
Loss rate: 1.90%
-- Flow 3:
Average throughput: 2.19 Mbit/s
95th percentile per-packet one-way delay: 110.292 ms
Loss rate: 2.14%

Run 3: Report of PCC-Allegro — Data Link

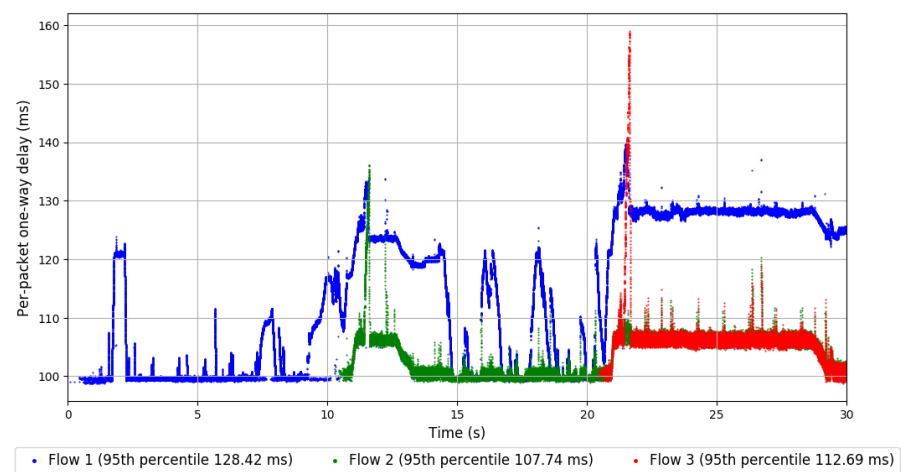
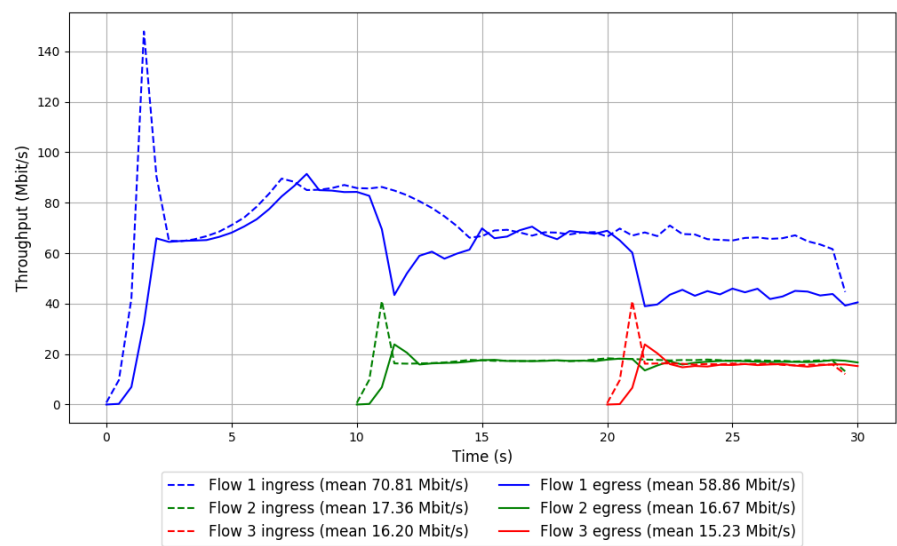


Run 4: Statistics of PCC-Allegro

Start at: 2018-07-10 04:51:34
End at: 2018-07-10 04:52:04
Local clock offset: 0.203 ms
Remote clock offset: -0.481 ms

Below is generated by plot.py at 2018-07-10 07:42:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.96 Mbit/s
95th percentile per-packet one-way delay: 128.362 ms
Loss rate: 14.52%
-- Flow 1:
Average throughput: 58.86 Mbit/s
95th percentile per-packet one-way delay: 128.421 ms
Loss rate: 16.88%
-- Flow 2:
Average throughput: 16.67 Mbit/s
95th percentile per-packet one-way delay: 107.744 ms
Loss rate: 4.00%
-- Flow 3:
Average throughput: 15.23 Mbit/s
95th percentile per-packet one-way delay: 112.688 ms
Loss rate: 5.97%

Run 4: Report of PCC-Allegro — Data Link

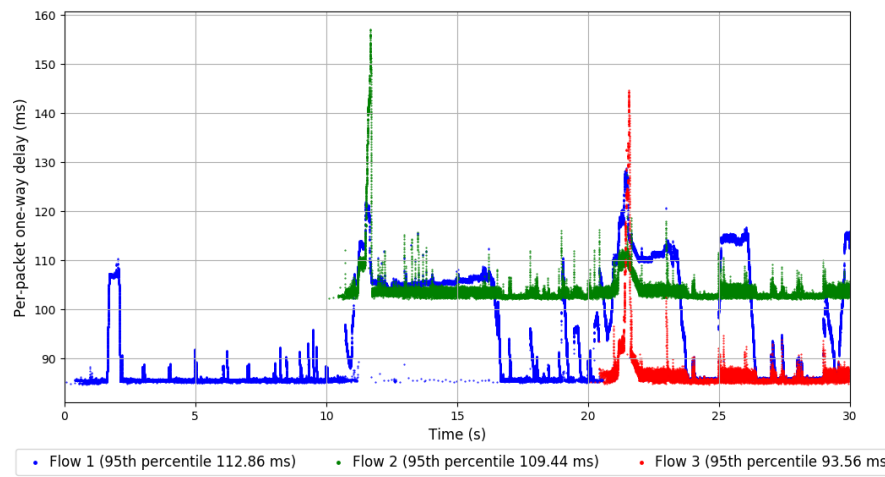
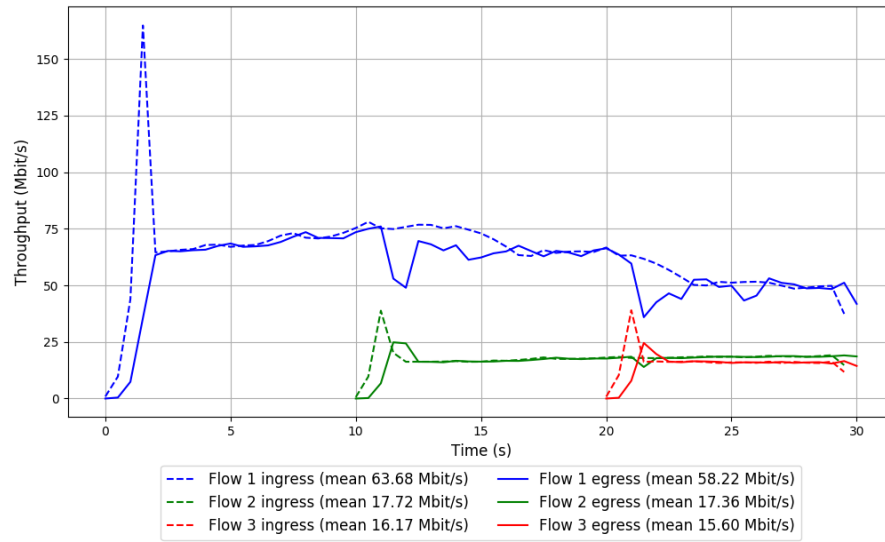


Run 5: Statistics of PCC-Allegro

Start at: 2018-07-10 05:15:11
End at: 2018-07-10 05:15:41
Local clock offset: -0.099 ms
Remote clock offset: -0.134 ms

Below is generated by plot.py at 2018-07-10 07:42:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.90 Mbit/s
95th percentile per-packet one-way delay: 112.308 ms
Loss rate: 7.25%
-- Flow 1:
Average throughput: 58.22 Mbit/s
95th percentile per-packet one-way delay: 112.856 ms
Loss rate: 8.53%
-- Flow 2:
Average throughput: 17.36 Mbit/s
95th percentile per-packet one-way delay: 109.445 ms
Loss rate: 2.02%
-- Flow 3:
Average throughput: 15.60 Mbit/s
95th percentile per-packet one-way delay: 93.559 ms
Loss rate: 3.51%

Run 5: Report of PCC-Allegro — Data Link



Run 6: Statistics of PCC-Allegro

Start at: 2018-07-10 05:38:55

End at: 2018-07-10 05:39:25

Local clock offset: -0.226 ms

Remote clock offset: 0.019 ms

Below is generated by plot.py at 2018-07-10 07:42:25

Datalink statistics

-- Total of 3 flows:

Average throughput: 72.00 Mbit/s

95th percentile per-packet one-way delay: 117.304 ms

Loss rate: 12.00%

-- Flow 1:

Average throughput: 55.53 Mbit/s

95th percentile per-packet one-way delay: 117.392 ms

Loss rate: 14.47%

-- Flow 2:

Average throughput: 16.81 Mbit/s

95th percentile per-packet one-way delay: 108.067 ms

Loss rate: 1.95%

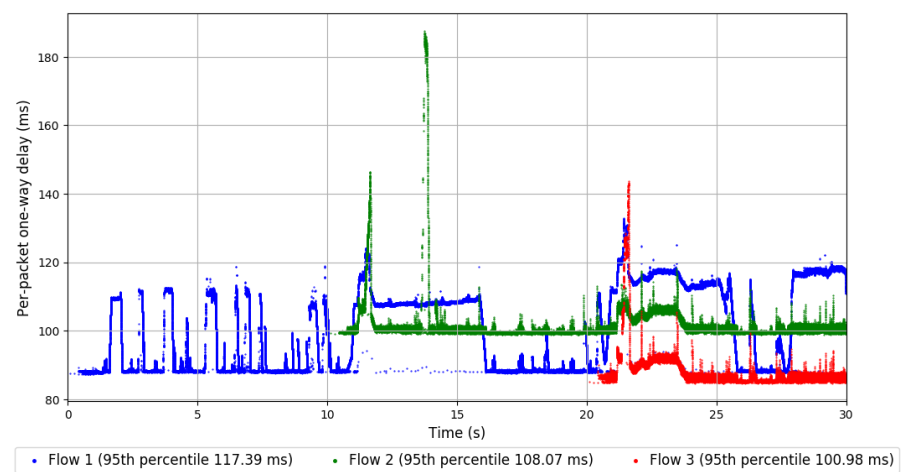
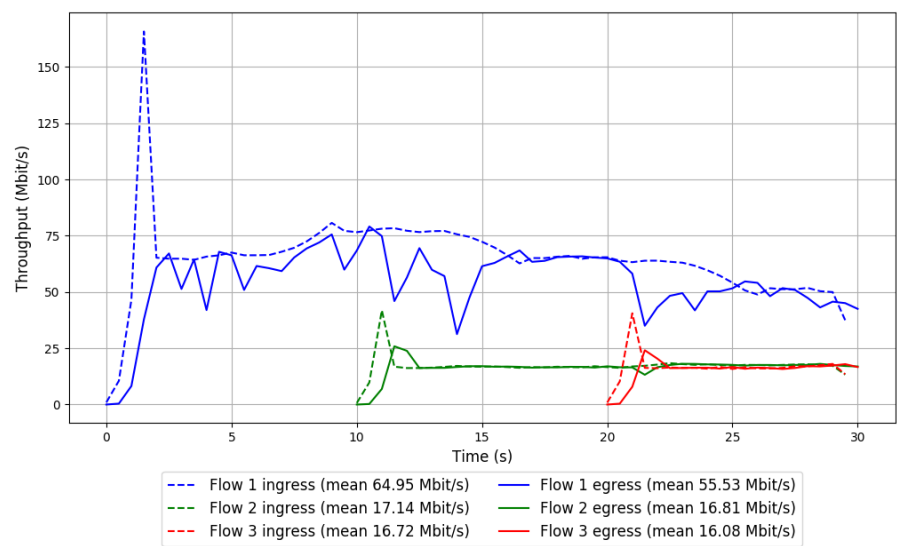
-- Flow 3:

Average throughput: 16.08 Mbit/s

95th percentile per-packet one-way delay: 100.979 ms

Loss rate: 3.79%

Run 6: Report of PCC-Allegro — Data Link



Run 7: Statistics of PCC-Allegro

Start at: 2018-07-10 06:02:44

End at: 2018-07-10 06:03:14

Local clock offset: -0.613 ms

Remote clock offset: 0.143 ms

Below is generated by plot.py at 2018-07-10 07:42:25

Datalink statistics

-- Total of 3 flows:

Average throughput: 68.65 Mbit/s

95th percentile per-packet one-way delay: 125.469 ms

Loss rate: 16.20%

-- Flow 1:

Average throughput: 51.86 Mbit/s

95th percentile per-packet one-way delay: 125.697 ms

Loss rate: 20.11%

-- Flow 2:

Average throughput: 21.03 Mbit/s

95th percentile per-packet one-way delay: 114.359 ms

Loss rate: 1.25%

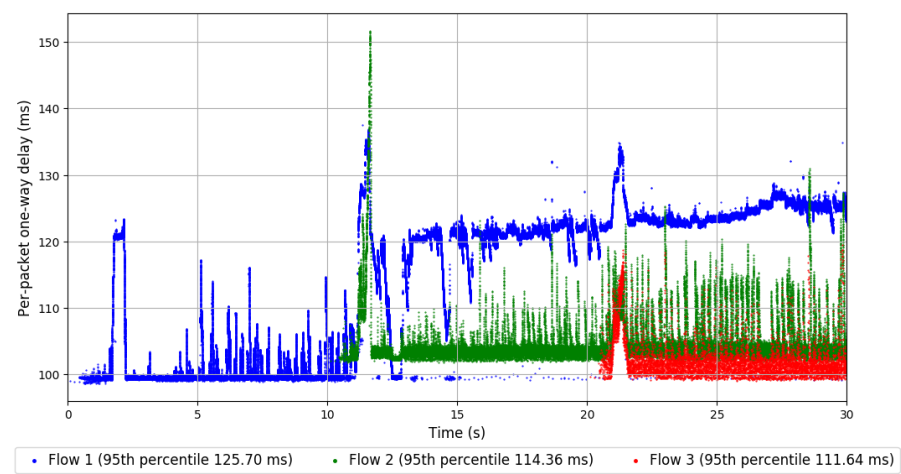
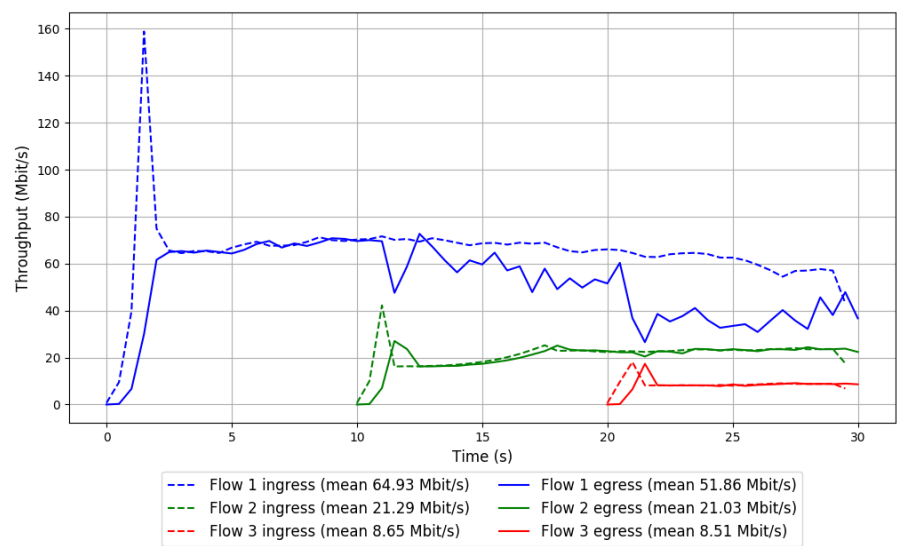
-- Flow 3:

Average throughput: 8.51 Mbit/s

95th percentile per-packet one-way delay: 111.645 ms

Loss rate: 1.57%

Run 7: Report of PCC-Allegro — Data Link



Run 8: Statistics of PCC-Allegro

Start at: 2018-07-10 06:26:24

End at: 2018-07-10 06:26:54

Local clock offset: -0.381 ms

Remote clock offset: 0.383 ms

Below is generated by plot.py at 2018-07-10 07:42:25

Datalink statistics

-- Total of 3 flows:

Average throughput: 68.71 Mbit/s

95th percentile per-packet one-way delay: 128.735 ms

Loss rate: 20.91%

-- Flow 1:

Average throughput: 47.70 Mbit/s

95th percentile per-packet one-way delay: 128.910 ms

Loss rate: 26.20%

-- Flow 2:

Average throughput: 30.67 Mbit/s

95th percentile per-packet one-way delay: 109.658 ms

Loss rate: 5.30%

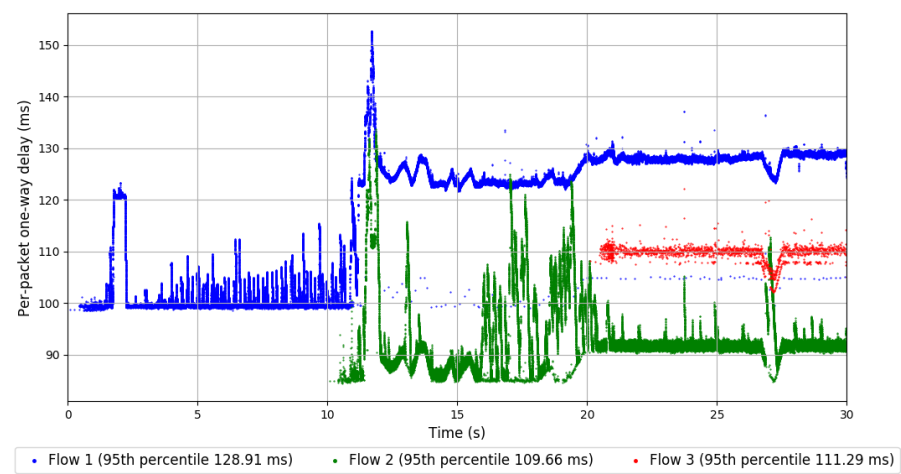
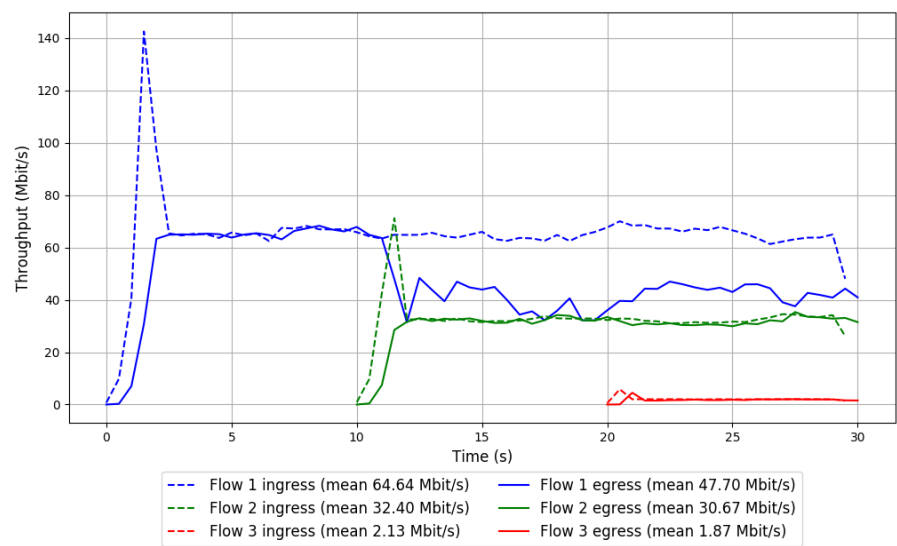
-- Flow 3:

Average throughput: 1.87 Mbit/s

95th percentile per-packet one-way delay: 111.288 ms

Loss rate: 12.60%

Run 8: Report of PCC-Allegro — Data Link

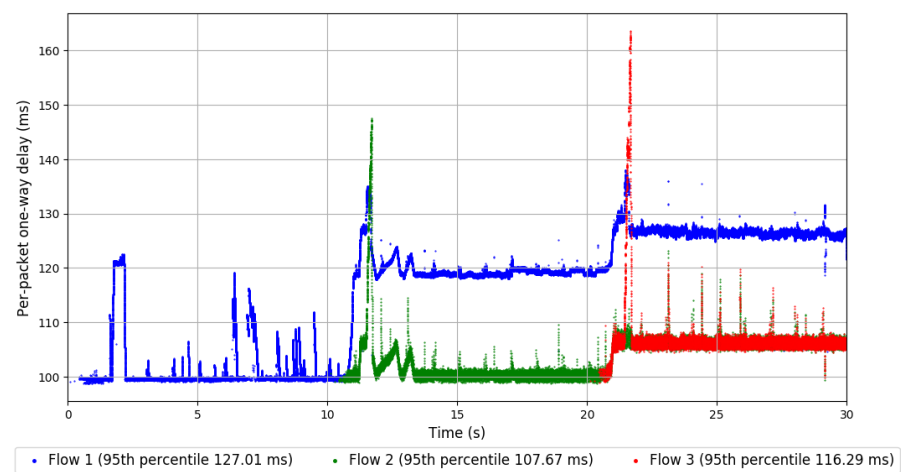
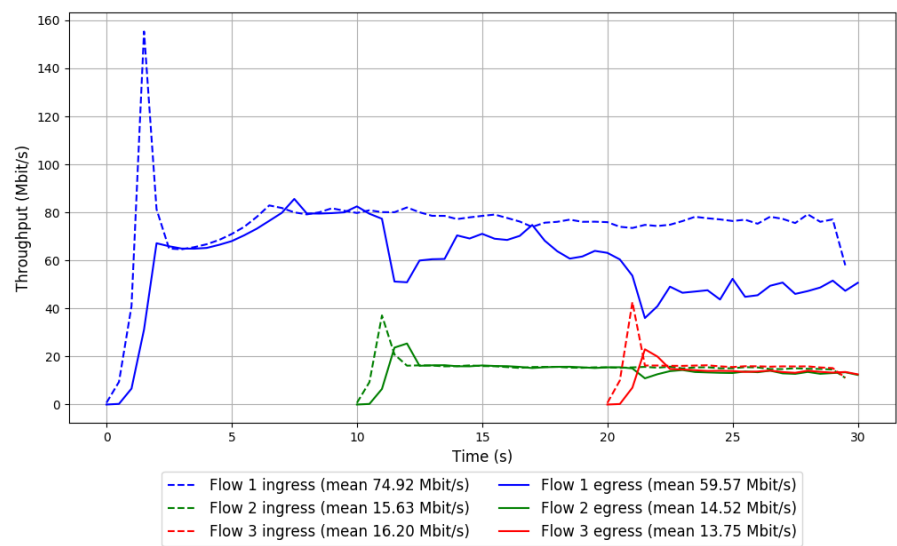


Run 9: Statistics of PCC-Allegro

Start at: 2018-07-10 06:50:04
End at: 2018-07-10 06:50:34
Local clock offset: -0.174 ms
Remote clock offset: 10.782 ms

Below is generated by plot.py at 2018-07-10 07:43:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.76 Mbit/s
95th percentile per-packet one-way delay: 126.955 ms
Loss rate: 18.58%
-- Flow 1:
Average throughput: 59.57 Mbit/s
95th percentile per-packet one-way delay: 127.007 ms
Loss rate: 20.42%
-- Flow 2:
Average throughput: 14.52 Mbit/s
95th percentile per-packet one-way delay: 107.669 ms
Loss rate: 7.12%
-- Flow 3:
Average throughput: 13.75 Mbit/s
95th percentile per-packet one-way delay: 116.290 ms
Loss rate: 15.06%

Run 9: Report of PCC-Allegro — Data Link

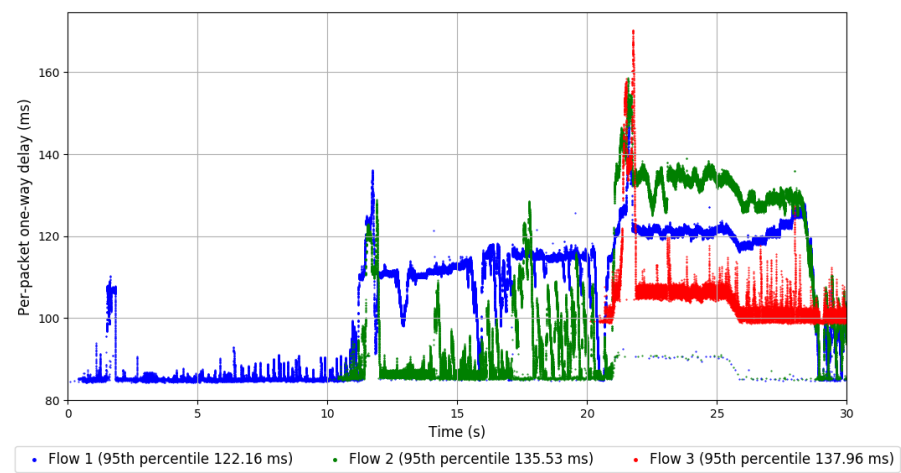
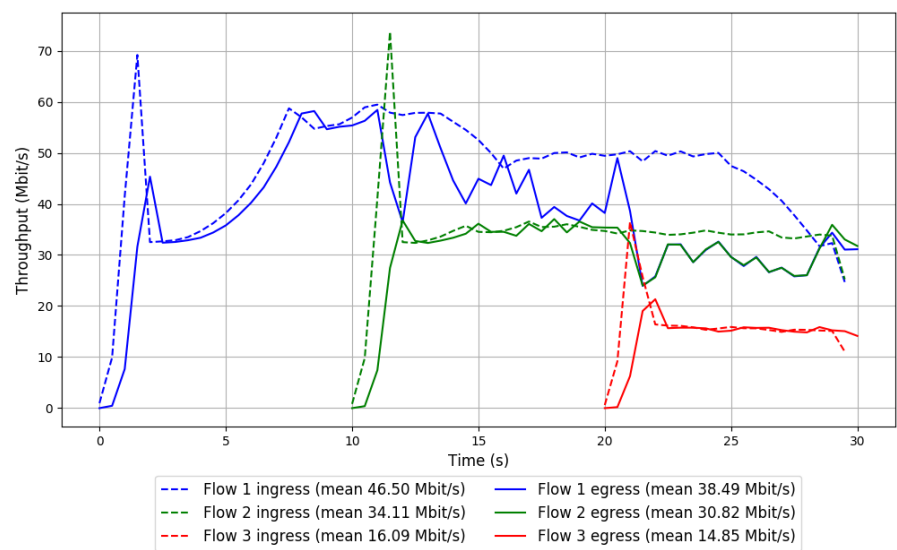


Run 10: Statistics of PCC-Allegro

Start at: 2018-07-10 07:13:42
End at: 2018-07-10 07:14:12
Local clock offset: -0.181 ms
Remote clock offset: 15.071 ms

Below is generated by plot.py at 2018-07-10 07:43:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 63.87 Mbit/s
95th percentile per-packet one-way delay: 133.797 ms
Loss rate: 14.22%
-- Flow 1:
Average throughput: 38.49 Mbit/s
95th percentile per-packet one-way delay: 122.164 ms
Loss rate: 17.20%
-- Flow 2:
Average throughput: 30.82 Mbit/s
95th percentile per-packet one-way delay: 135.534 ms
Loss rate: 9.61%
-- Flow 3:
Average throughput: 14.85 Mbit/s
95th percentile per-packet one-way delay: 137.957 ms
Loss rate: 7.70%

Run 10: Report of PCC-Allegro — Data Link

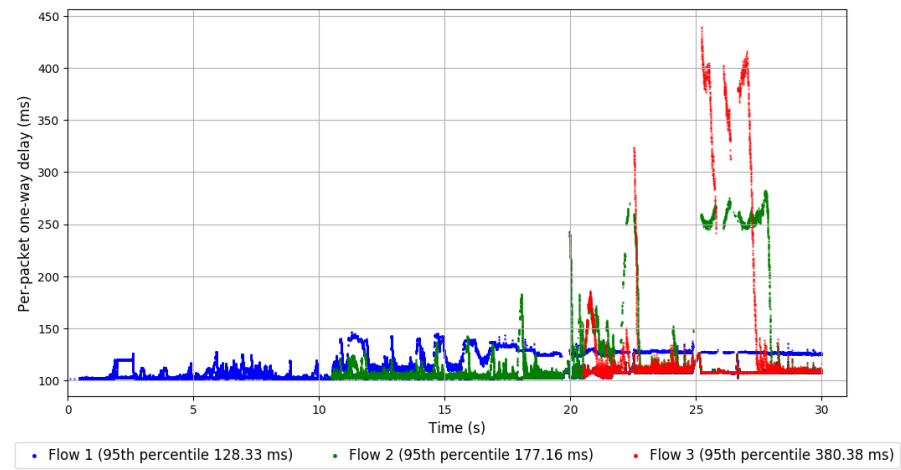
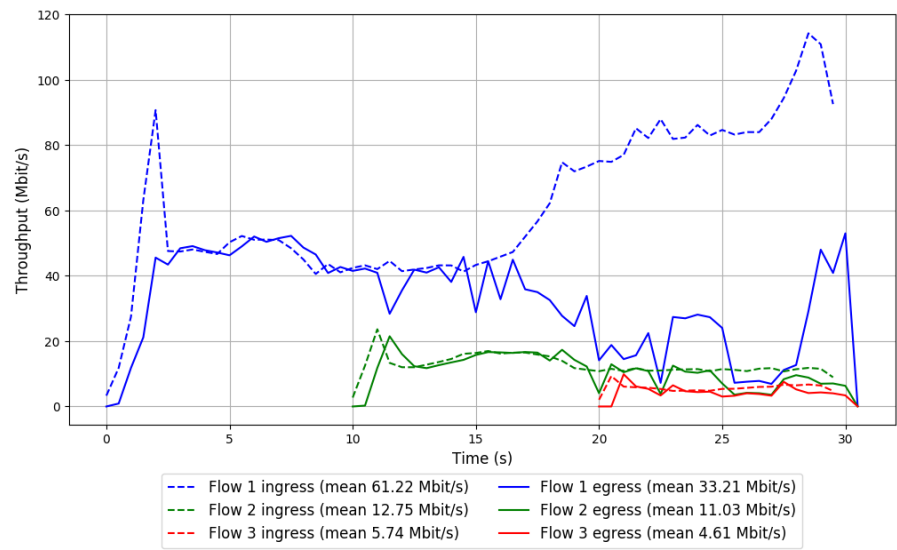


```
Run 1: Statistics of PCC-Expr

Start at: 2018-07-10 03:59:50
End at: 2018-07-10 04:00:20
Local clock offset: 0.662 ms
Remote clock offset: -0.829 ms

# Below is generated by plot.py at 2018-07-10 07:43:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 42.06 Mbit/s
95th percentile per-packet one-way delay: 130.405 ms
Loss rate: 41.24%
-- Flow 1:
Average throughput: 33.21 Mbit/s
95th percentile per-packet one-way delay: 128.329 ms
Loss rate: 45.75%
-- Flow 2:
Average throughput: 11.03 Mbit/s
95th percentile per-packet one-way delay: 177.163 ms
Loss rate: 13.51%
-- Flow 3:
Average throughput: 4.61 Mbit/s
95th percentile per-packet one-way delay: 380.385 ms
Loss rate: 19.74%
```


Run 1: Report of PCC-Expr — Data Link

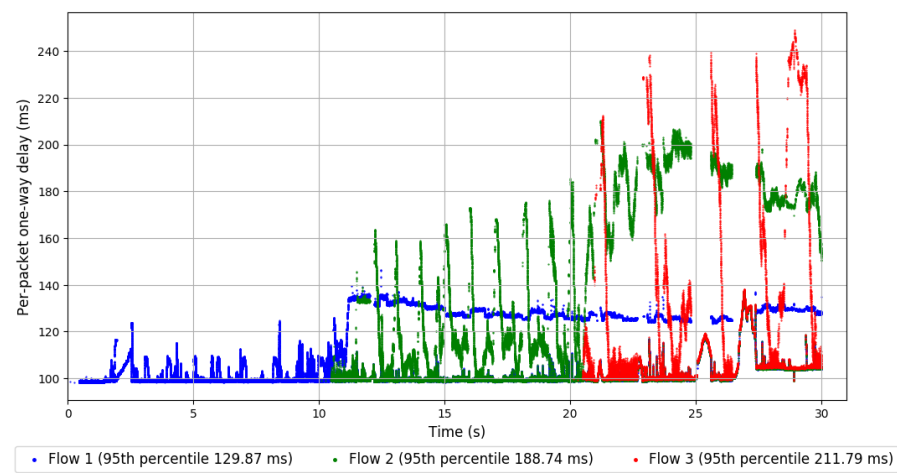
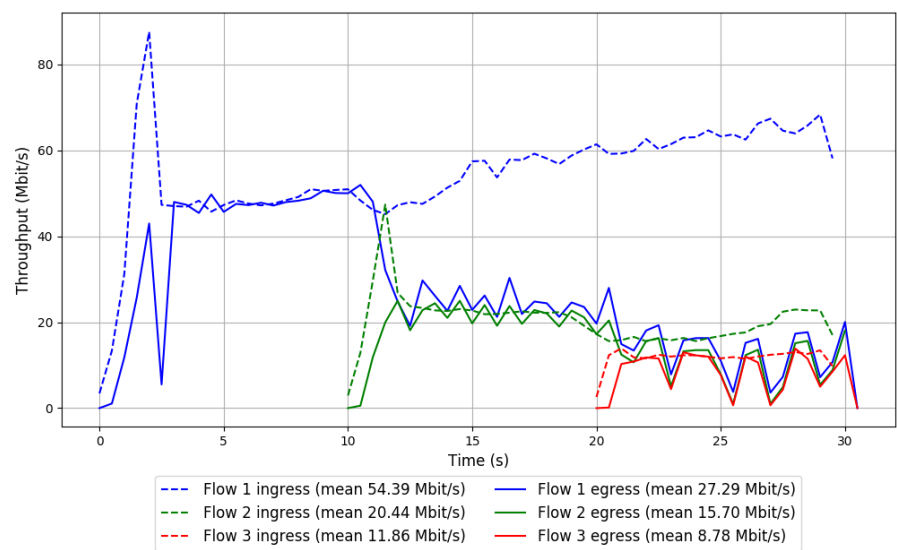


Run 2: Statistics of PCC-Expr

Start at: 2018-07-10 04:23:35
End at: 2018-07-10 04:24:05
Local clock offset: 0.608 ms
Remote clock offset: -0.688 ms

Below is generated by plot.py at 2018-07-10 07:43:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 40.63 Mbit/s
95th percentile per-packet one-way delay: 140.263 ms
Loss rate: 43.47%
-- Flow 1:
Average throughput: 27.29 Mbit/s
95th percentile per-packet one-way delay: 129.865 ms
Loss rate: 49.80%
-- Flow 2:
Average throughput: 15.70 Mbit/s
95th percentile per-packet one-way delay: 188.741 ms
Loss rate: 23.17%
-- Flow 3:
Average throughput: 8.78 Mbit/s
95th percentile per-packet one-way delay: 211.792 ms
Loss rate: 25.92%

Run 2: Report of PCC-Expr — Data Link

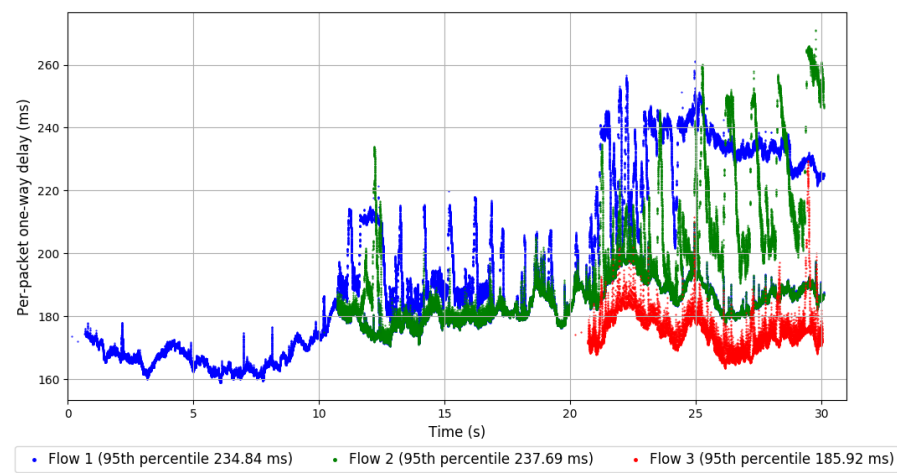
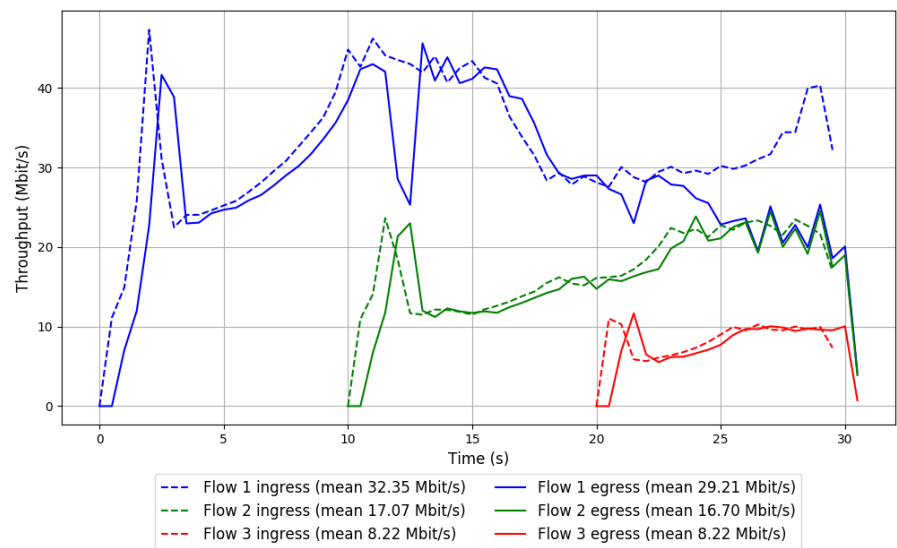


Run 3: Statistics of PCC-Expr

Start at: 2018-07-10 04:47:19
End at: 2018-07-10 04:47:49
Local clock offset: 0.108 ms
Remote clock offset: -0.543 ms

Below is generated by plot.py at 2018-07-10 07:43:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 43.02 Mbit/s
95th percentile per-packet one-way delay: 234.558 ms
Loss rate: 7.28%
-- Flow 1:
Average throughput: 29.21 Mbit/s
95th percentile per-packet one-way delay: 234.845 ms
Loss rate: 9.69%
-- Flow 2:
Average throughput: 16.70 Mbit/s
95th percentile per-packet one-way delay: 237.694 ms
Loss rate: 2.09%
-- Flow 3:
Average throughput: 8.22 Mbit/s
95th percentile per-packet one-way delay: 185.924 ms
Loss rate: 0.33%

Run 3: Report of PCC-Expr — Data Link

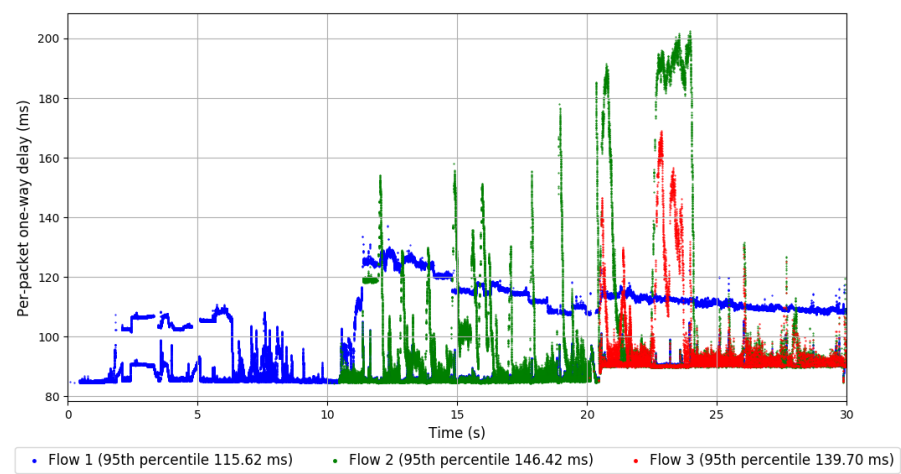
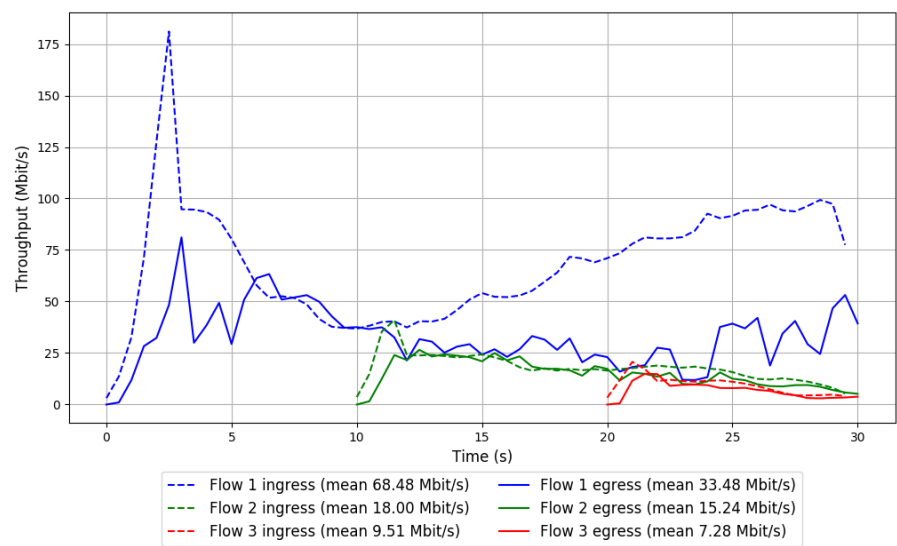


Run 4: Statistics of PCC-Expr

Start at: 2018-07-10 05:11:01
End at: 2018-07-10 05:11:31
Local clock offset: 0.193 ms
Remote clock offset: -0.115 ms

Below is generated by plot.py at 2018-07-10 07:43:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 46.02 Mbit/s
95th percentile per-packet one-way delay: 119.812 ms
Loss rate: 44.92%
-- Flow 1:
Average throughput: 33.48 Mbit/s
95th percentile per-packet one-way delay: 115.622 ms
Loss rate: 51.09%
-- Flow 2:
Average throughput: 15.24 Mbit/s
95th percentile per-packet one-way delay: 146.419 ms
Loss rate: 15.30%
-- Flow 3:
Average throughput: 7.28 Mbit/s
95th percentile per-packet one-way delay: 139.704 ms
Loss rate: 23.41%

Run 4: Report of PCC-Expr — Data Link

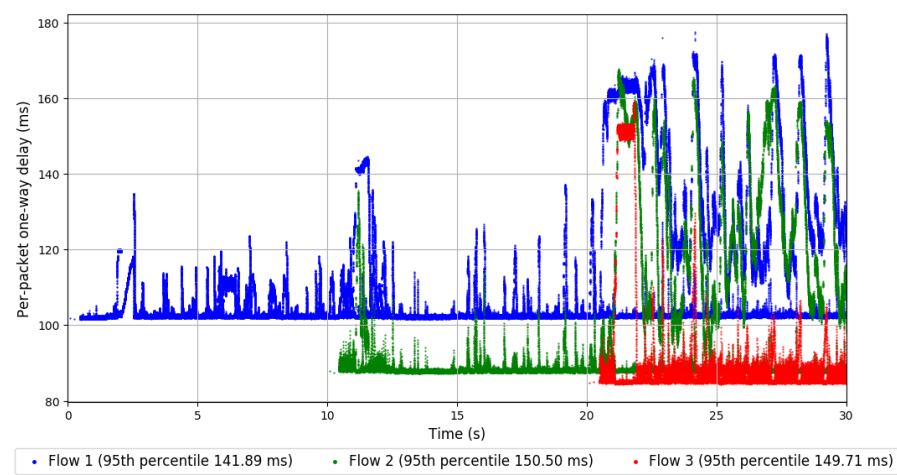
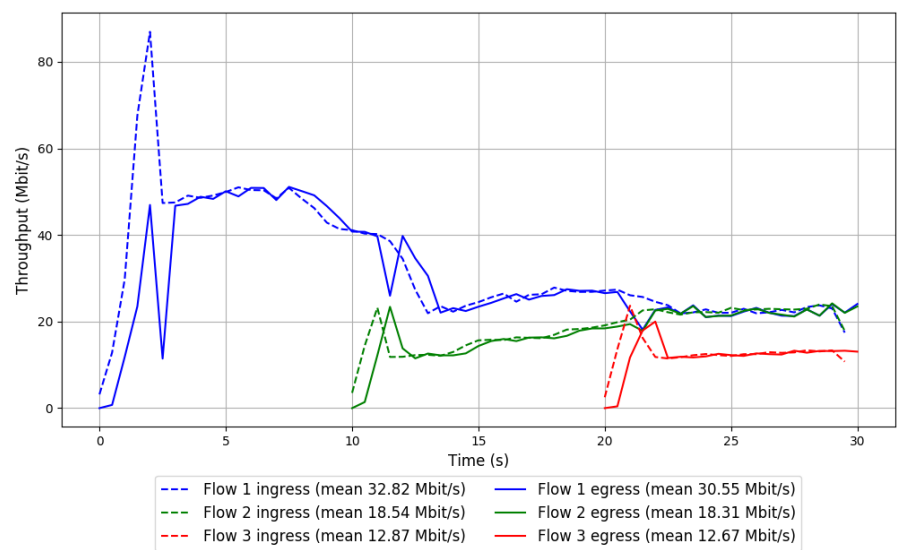


Run 5: Statistics of PCC-Expr

Start at: 2018-07-10 05:34:42
End at: 2018-07-10 05:35:12
Local clock offset: -0.037 ms
Remote clock offset: -0.054 ms

Below is generated by plot.py at 2018-07-10 07:43:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 46.92 Mbit/s
95th percentile per-packet one-way delay: 145.761 ms
Loss rate: 5.03%
-- Flow 1:
Average throughput: 30.55 Mbit/s
95th percentile per-packet one-way delay: 141.890 ms
Loss rate: 6.91%
-- Flow 2:
Average throughput: 18.31 Mbit/s
95th percentile per-packet one-way delay: 150.500 ms
Loss rate: 1.22%
-- Flow 3:
Average throughput: 12.67 Mbit/s
95th percentile per-packet one-way delay: 149.706 ms
Loss rate: 1.52%

Run 5: Report of PCC-Expr — Data Link



Run 6: Statistics of PCC-Expr

Start at: 2018-07-10 05:58:26

End at: 2018-07-10 05:58:56

Local clock offset: -0.459 ms

Remote clock offset: 0.126 ms

Below is generated by plot.py at 2018-07-10 07:43:48

Datalink statistics

-- Total of 3 flows:

Average throughput: 40.83 Mbit/s

95th percentile per-packet one-way delay: 124.200 ms

Loss rate: 41.91%

-- Flow 1:

Average throughput: 30.12 Mbit/s

95th percentile per-packet one-way delay: 123.646 ms

Loss rate: 47.09%

-- Flow 2:

Average throughput: 14.52 Mbit/s

95th percentile per-packet one-way delay: 133.400 ms

Loss rate: 18.27%

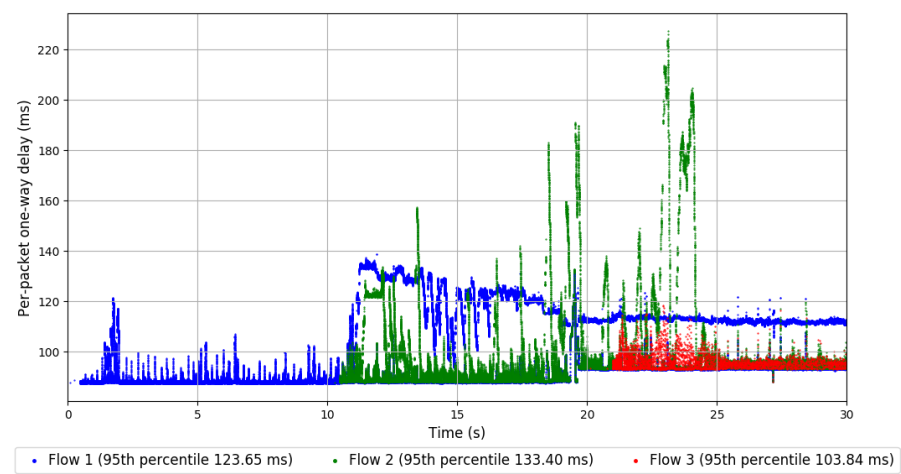
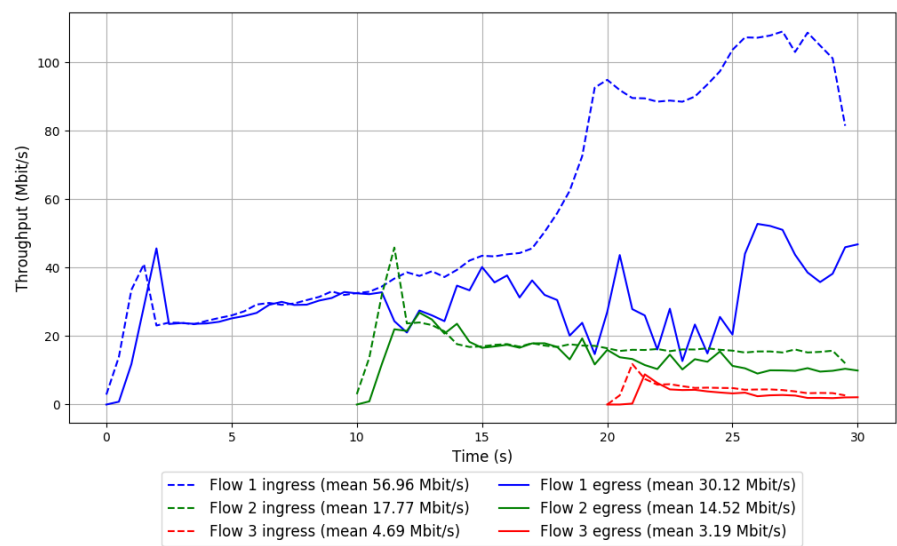
-- Flow 3:

Average throughput: 3.19 Mbit/s

95th percentile per-packet one-way delay: 103.841 ms

Loss rate: 31.94%

Run 6: Report of PCC-Expr — Data Link



Run 7: Statistics of PCC-Expr

Start at: 2018-07-10 06:22:12

End at: 2018-07-10 06:22:42

Local clock offset: -0.292 ms

Remote clock offset: 0.48 ms

Below is generated by plot.py at 2018-07-10 07:44:16

Datalink statistics

-- Total of 3 flows:

Average throughput: 40.15 Mbit/s

95th percentile per-packet one-way delay: 153.089 ms

Loss rate: 27.42%

-- Flow 1:

Average throughput: 26.73 Mbit/s

95th percentile per-packet one-way delay: 149.701 ms

Loss rate: 32.97%

-- Flow 2:

Average throughput: 15.72 Mbit/s

95th percentile per-packet one-way delay: 165.653 ms

Loss rate: 12.29%

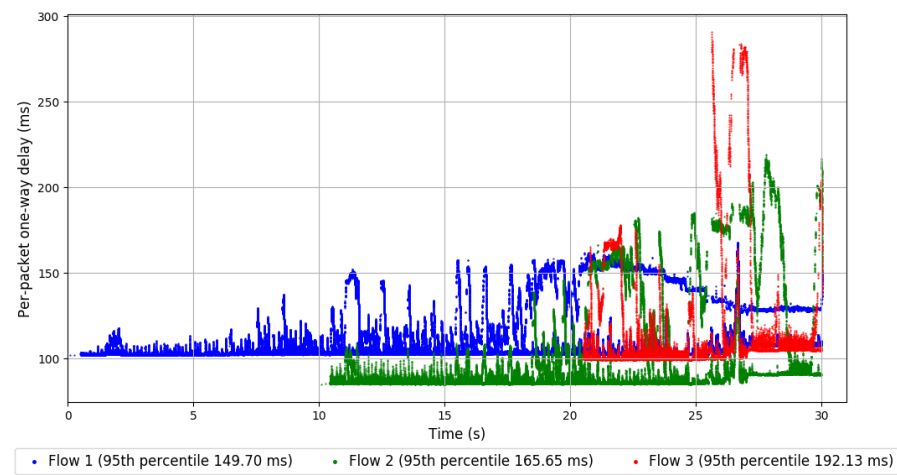
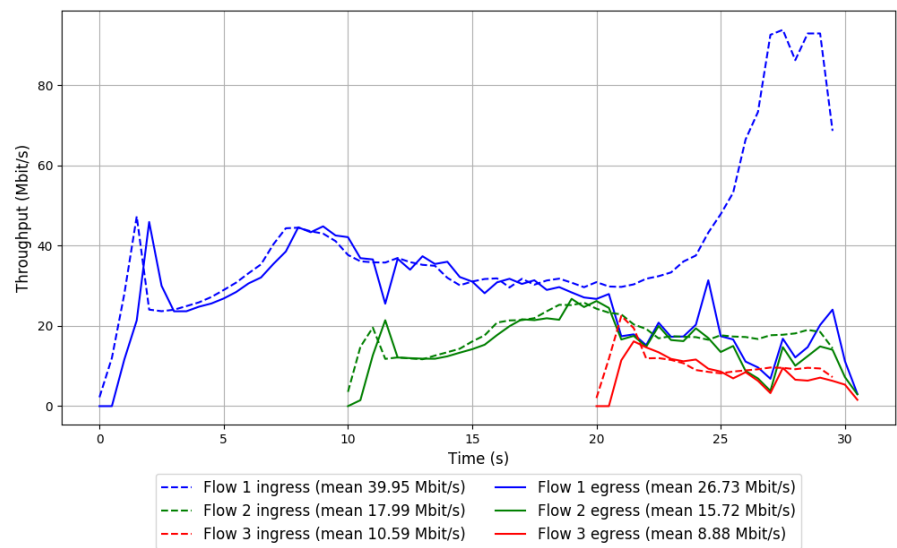
-- Flow 3:

Average throughput: 8.88 Mbit/s

95th percentile per-packet one-way delay: 192.128 ms

Loss rate: 15.77%

Run 7: Report of PCC-Expr — Data Link



Run 8: Statistics of PCC-Expr

Start at: 2018-07-10 06:45:52

End at: 2018-07-10 06:46:22

Local clock offset: -0.359 ms

Remote clock offset: 9.831 ms

Below is generated by plot.py at 2018-07-10 07:44:52

Datalink statistics

-- Total of 3 flows:

Average throughput: 50.51 Mbit/s

95th percentile per-packet one-way delay: 117.685 ms

Loss rate: 44.07%

-- Flow 1:

Average throughput: 41.53 Mbit/s

95th percentile per-packet one-way delay: 114.561 ms

Loss rate: 46.44%

-- Flow 2:

Average throughput: 12.42 Mbit/s

95th percentile per-packet one-way delay: 157.964 ms

Loss rate: 26.19%

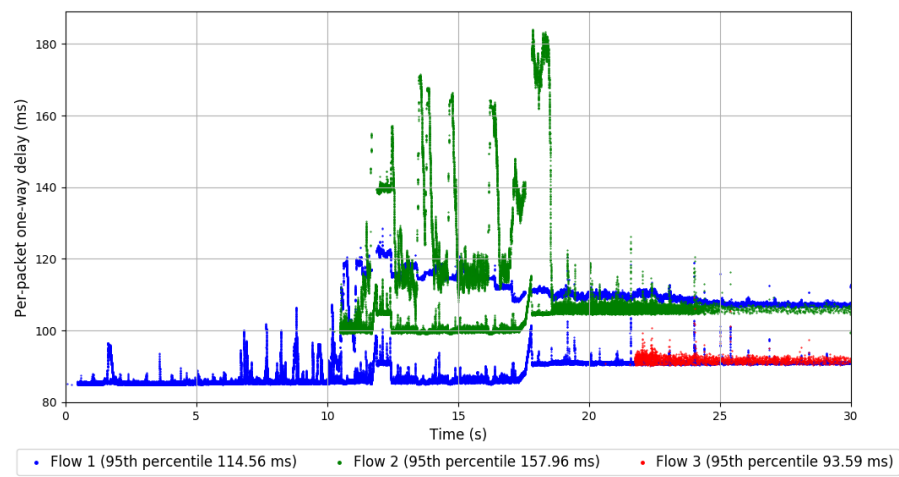
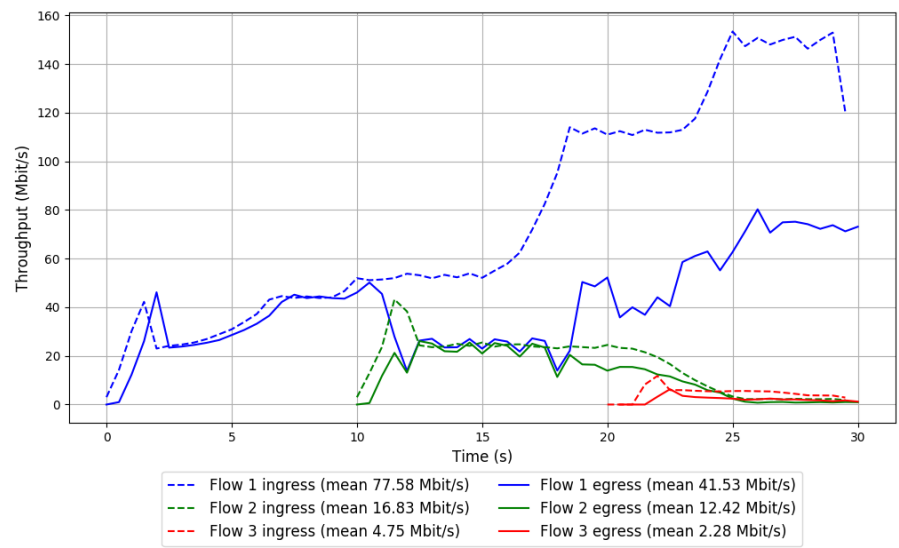
-- Flow 3:

Average throughput: 2.28 Mbit/s

95th percentile per-packet one-way delay: 93.588 ms

Loss rate: 54.49%

Run 8: Report of PCC-Expr — Data Link



Run 9: Statistics of PCC-Expr

Start at: 2018-07-10 07:09:32

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

Local clock offset: -0.166 ms

Remote clock offset: 14.44 ms

Below is generated by plot.py at 2018-07-10 07:44:52

Datalink statistics

-- Total of 3 flows:

Average throughput: 39.63 Mbit/s

95th percentile per-packet one-way delay: 140.172 ms

Loss rate: 1.96%

-- Flow 1:

Average throughput: 26.31 Mbit/s

95th percentile per-packet one-way delay: 147.960 ms

Loss rate: 2.61%

-- Flow 2:

Average throughput: 13.99 Mbit/s

95th percentile per-packet one-way delay: 117.196 ms

Loss rate: 0.04%

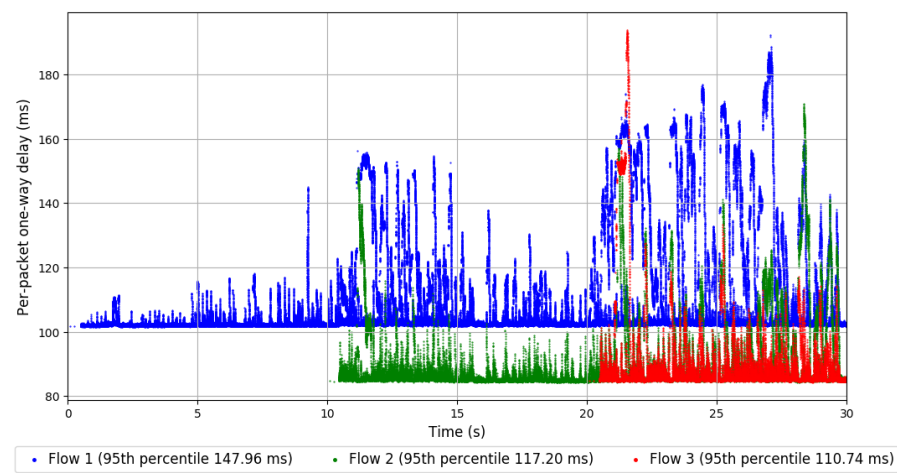
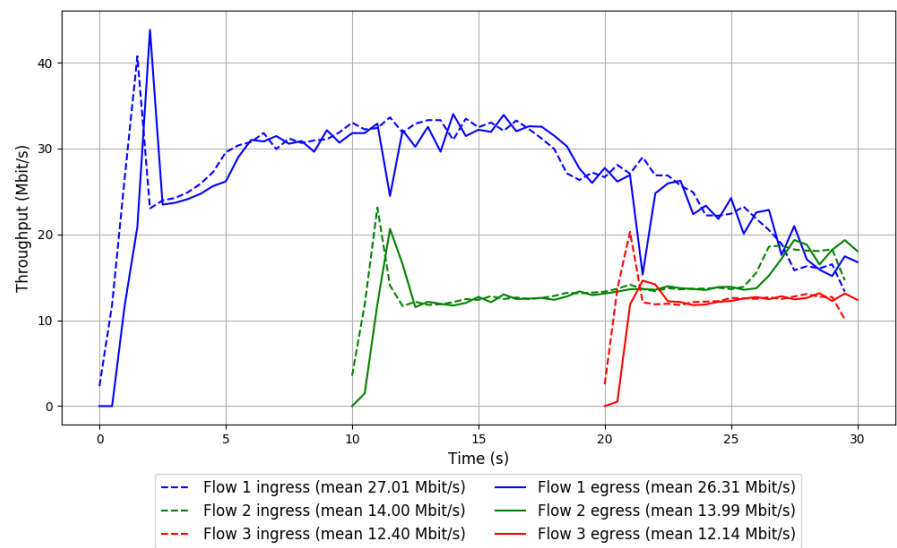
-- Flow 3:

Average throughput: 12.14 Mbit/s

95th percentile per-packet one-way delay: 110.741 ms

Loss rate: 2.05%

Run 9: Report of PCC-Expr — Data Link

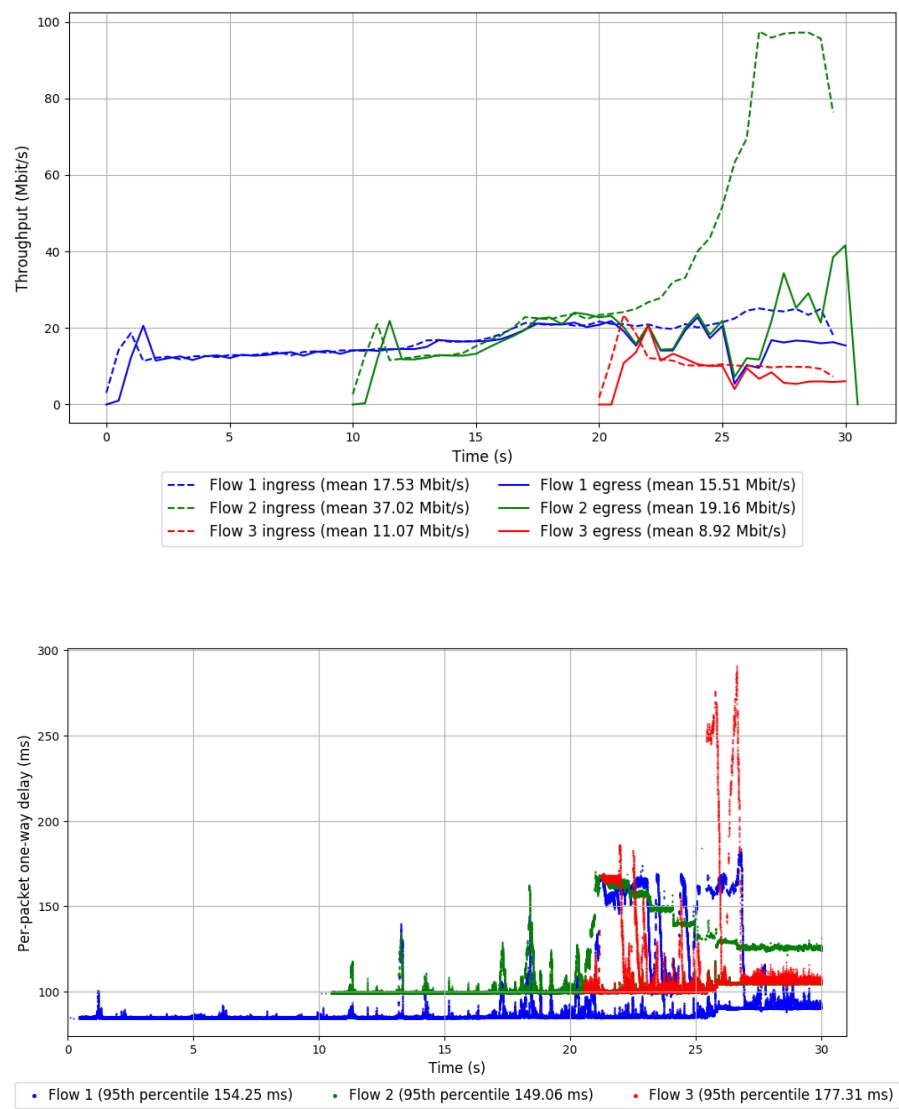


Run 10: Statistics of PCC-Expr

Start at: 2018-07-10 07:33:13
End at: 2018-07-10 07:33:43
Local clock offset: -0.235 ms
Remote clock offset: 18.043 ms

Below is generated by plot.py at 2018-07-10 07:44:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 31.19 Mbit/s
95th percentile per-packet one-way delay: 156.291 ms
Loss rate: 31.85%
-- Flow 1:
Average throughput: 15.51 Mbit/s
95th percentile per-packet one-way delay: 154.248 ms
Loss rate: 11.51%
-- Flow 2:
Average throughput: 19.16 Mbit/s
95th percentile per-packet one-way delay: 149.060 ms
Loss rate: 48.20%
-- Flow 3:
Average throughput: 8.92 Mbit/s
95th percentile per-packet one-way delay: 177.312 ms
Loss rate: 19.29%

Run 10: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-07-10 03:54:10

End at: 2018-07-10 03:54:40

Local clock offset: 0.71 ms

Remote clock offset: -0.85 ms

Below is generated by plot.py at 2018-07-10 07:44:52

Datalink statistics

-- Total of 3 flows:

Average throughput: 48.92 Mbit/s

95th percentile per-packet one-way delay: 136.862 ms

Loss rate: 2.64%

-- Flow 1:

Average throughput: 28.45 Mbit/s

95th percentile per-packet one-way delay: 135.069 ms

Loss rate: 3.45%

-- Flow 2:

Average throughput: 27.80 Mbit/s

95th percentile per-packet one-way delay: 139.035 ms

Loss rate: 1.66%

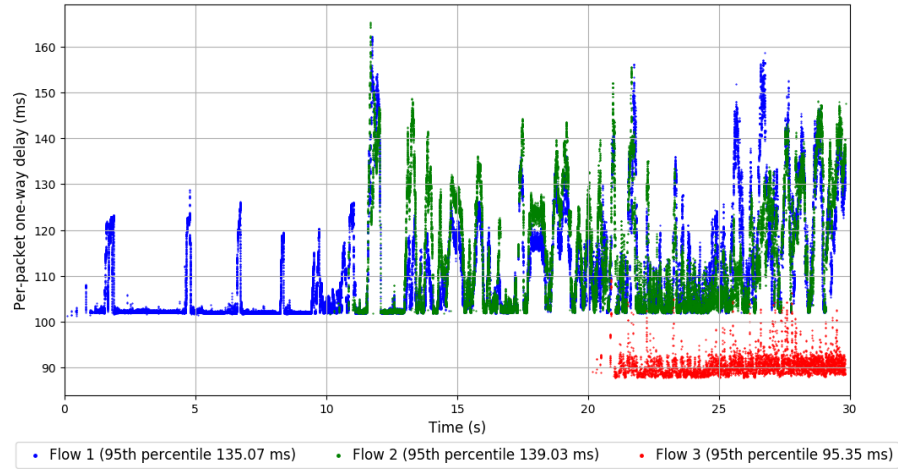
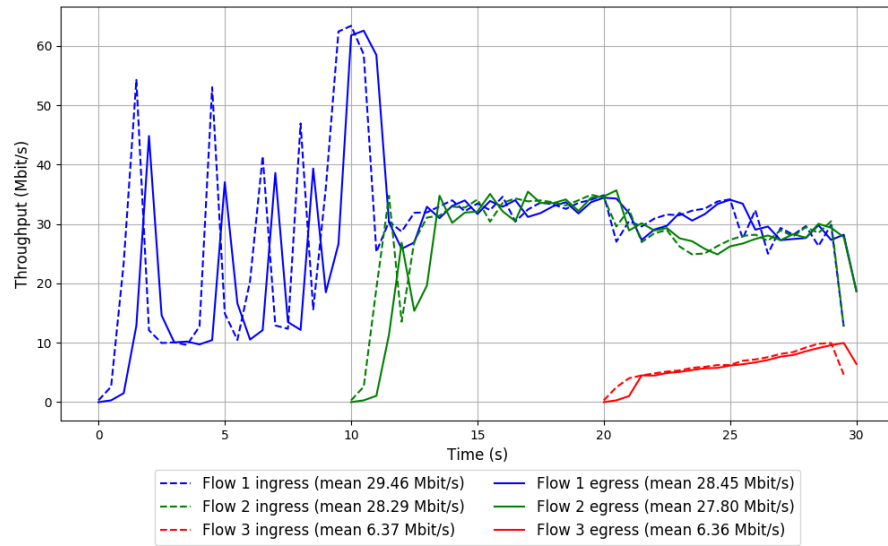
-- Flow 3:

Average throughput: 6.36 Mbit/s

95th percentile per-packet one-way delay: 95.346 ms

Loss rate: 0.04%

Run 1: Report of QUIC Cubic — Data Link

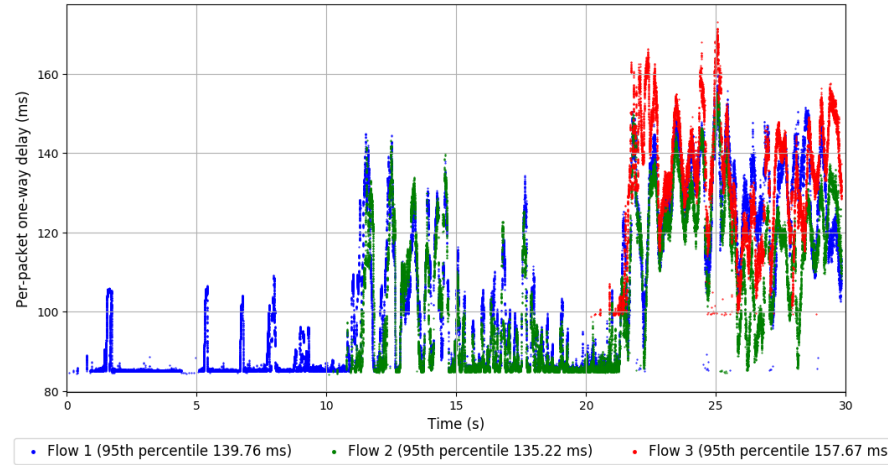
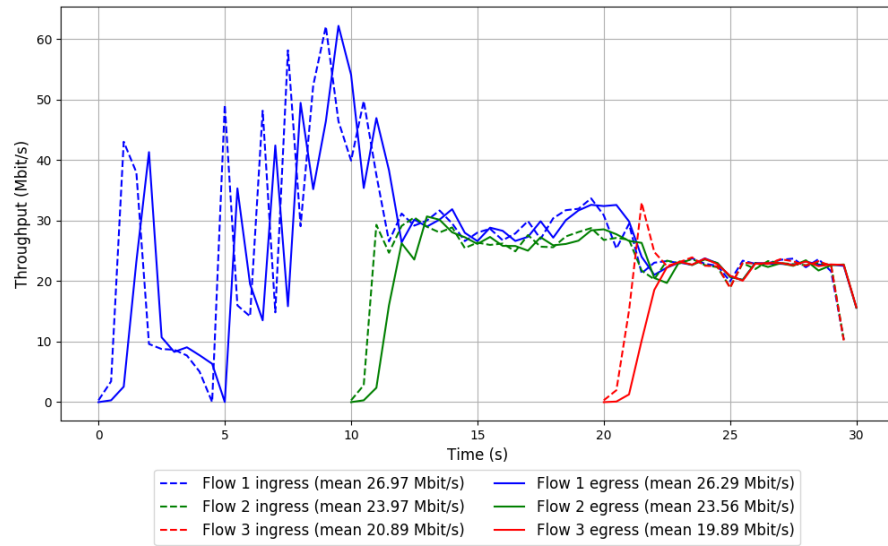


Run 2: Statistics of QUIC Cubic

Start at: 2018-07-10 04:17:59
End at: 2018-07-10 04:18:29
Local clock offset: 0.546 ms
Remote clock offset: -0.784 ms

Below is generated by plot.py at 2018-07-10 07:44:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.36 Mbit/s
95th percentile per-packet one-way delay: 144.251 ms
Loss rate: 2.50%
-- Flow 1:
Average throughput: 26.29 Mbit/s
95th percentile per-packet one-way delay: 139.758 ms
Loss rate: 2.48%
-- Flow 2:
Average throughput: 23.56 Mbit/s
95th percentile per-packet one-way delay: 135.220 ms
Loss rate: 1.60%
-- Flow 3:
Average throughput: 19.89 Mbit/s
95th percentile per-packet one-way delay: 157.666 ms
Loss rate: 4.67%

Run 2: Report of QUIC Cubic — Data Link

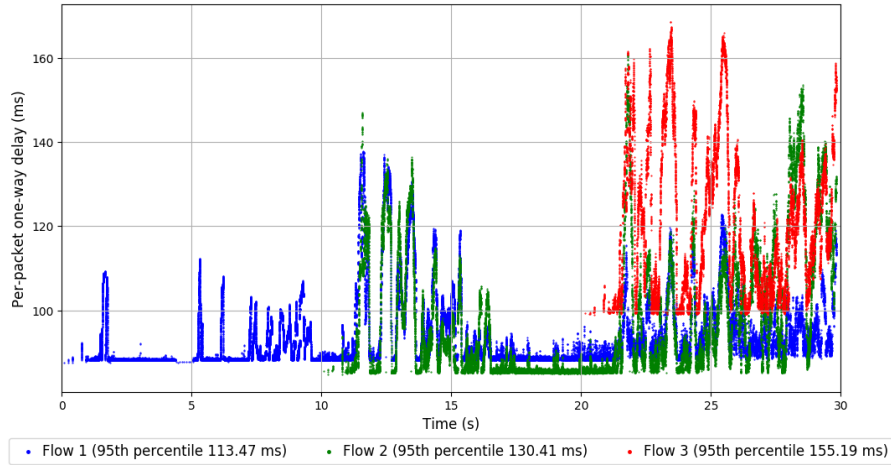
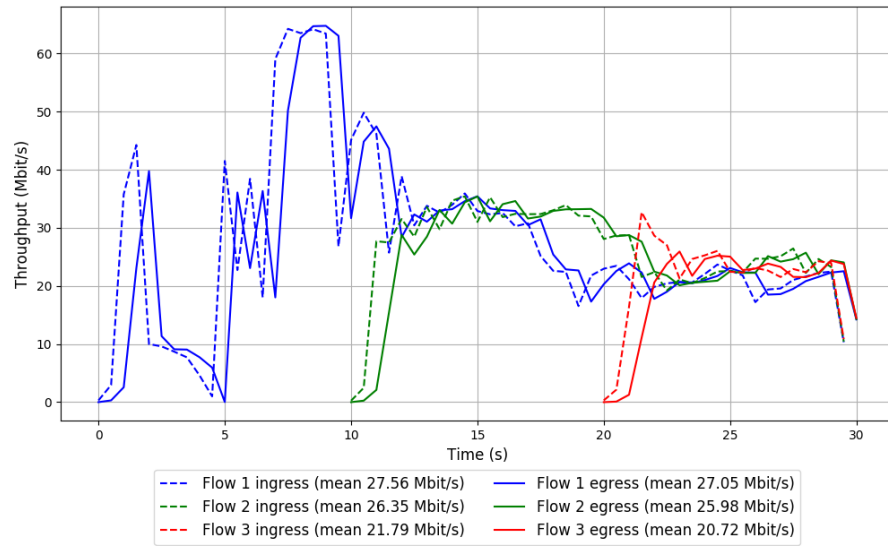


Run 3: Statistics of QUIC Cubic

Start at: 2018-07-10 04:41:41
End at: 2018-07-10 04:42:11
Local clock offset: 0.279 ms
Remote clock offset: -0.591 ms

Below is generated by plot.py at 2018-07-10 07:44:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 51.01 Mbit/s
95th percentile per-packet one-way delay: 132.606 ms
Loss rate: 2.05%
-- Flow 1:
Average throughput: 27.05 Mbit/s
95th percentile per-packet one-way delay: 113.467 ms
Loss rate: 1.79%
-- Flow 2:
Average throughput: 25.98 Mbit/s
95th percentile per-packet one-way delay: 130.413 ms
Loss rate: 1.29%
-- Flow 3:
Average throughput: 20.72 Mbit/s
95th percentile per-packet one-way delay: 155.189 ms
Loss rate: 4.90%

Run 3: Report of QUIC Cubic — Data Link

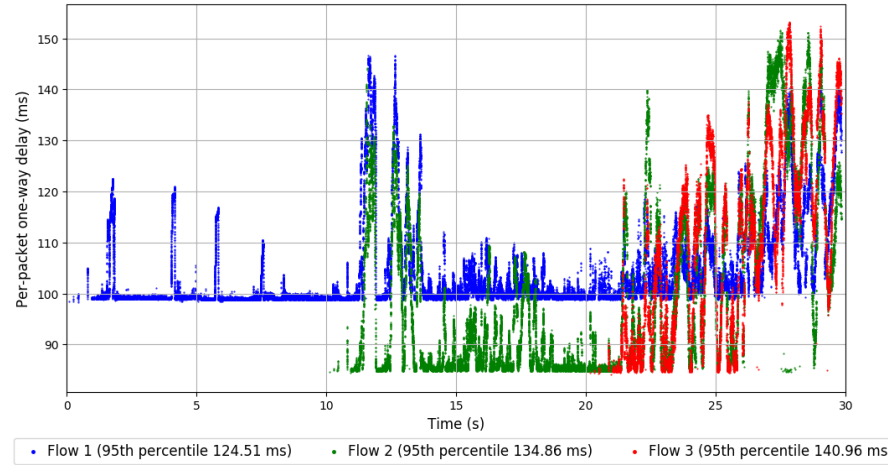
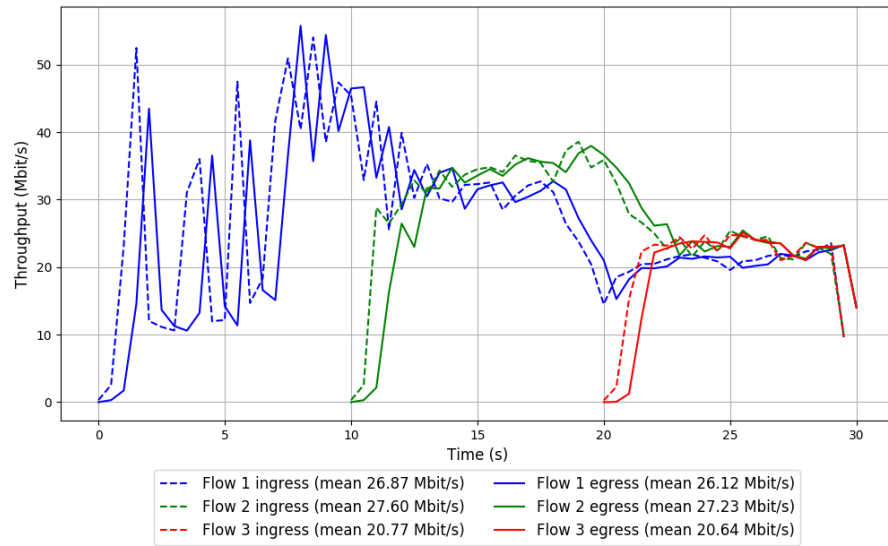


Run 4: Statistics of QUIC Cubic

Start at: 2018-07-10 05:05:24
End at: 2018-07-10 05:05:54
Local clock offset: 0.089 ms
Remote clock offset: -0.249 ms

Below is generated by plot.py at 2018-07-10 07:44:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 50.86 Mbit/s
95th percentile per-packet one-way delay: 132.987 ms
Loss rate: 1.95%
-- Flow 1:
Average throughput: 26.12 Mbit/s
95th percentile per-packet one-way delay: 124.512 ms
Loss rate: 2.78%
-- Flow 2:
Average throughput: 27.23 Mbit/s
95th percentile per-packet one-way delay: 134.864 ms
Loss rate: 1.28%
-- Flow 3:
Average throughput: 20.64 Mbit/s
95th percentile per-packet one-way delay: 140.955 ms
Loss rate: 0.46%

Run 4: Report of QUIC Cubic — Data Link

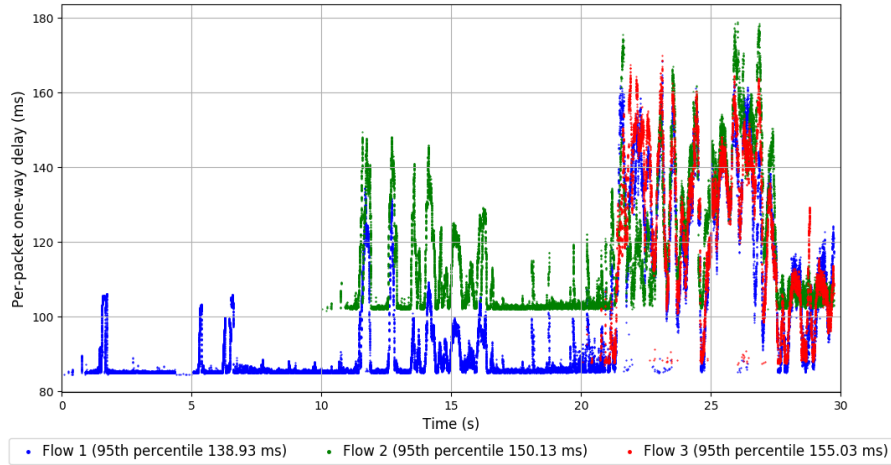
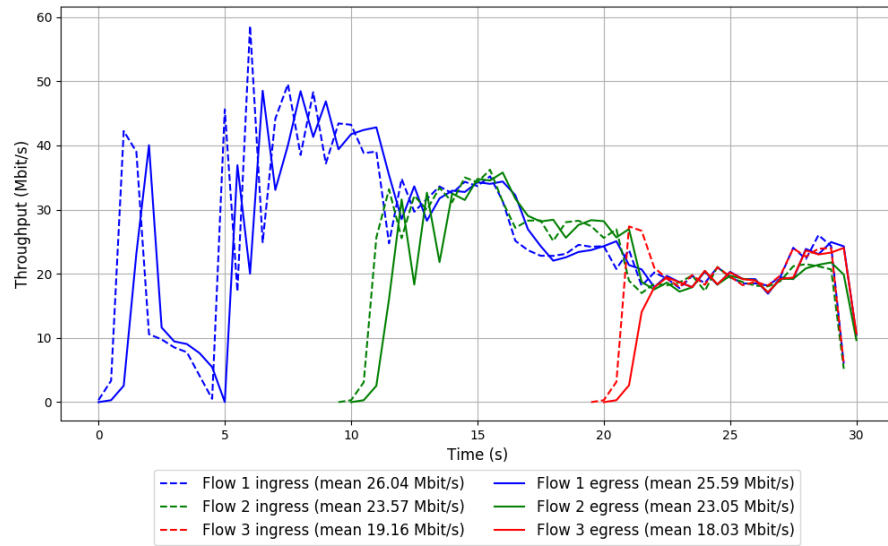


Run 5: Statistics of QUIC Cubic

Start at: 2018-07-10 05:29:05
End at: 2018-07-10 05:29:35
Local clock offset: 0.022 ms
Remote clock offset: -0.062 ms

Below is generated by plot.py at 2018-07-10 07:45:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 46.78 Mbit/s
95th percentile per-packet one-way delay: 147.488 ms
Loss rate: 2.39%
-- Flow 1:
Average throughput: 25.59 Mbit/s
95th percentile per-packet one-way delay: 138.933 ms
Loss rate: 1.68%
-- Flow 2:
Average throughput: 23.05 Mbit/s
95th percentile per-packet one-way delay: 150.133 ms
Loss rate: 2.23%
-- Flow 3:
Average throughput: 18.03 Mbit/s
95th percentile per-packet one-way delay: 155.034 ms
Loss rate: 5.75%

Run 5: Report of QUIC Cubic — Data Link

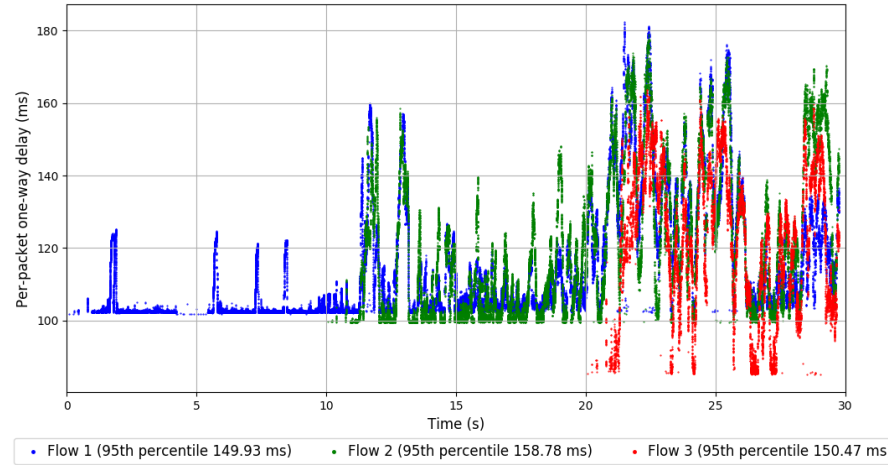
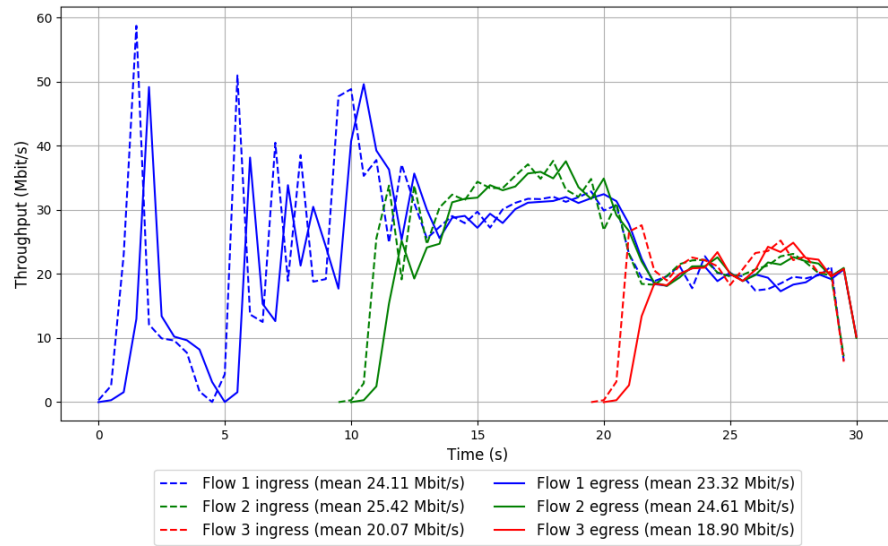


Run 6: Statistics of QUIC Cubic

Start at: 2018-07-10 05:52:49
End at: 2018-07-10 05:53:19
Local clock offset: -0.556 ms
Remote clock offset: -0.001 ms

Below is generated by plot.py at 2018-07-10 07:45:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 45.84 Mbit/s
95th percentile per-packet one-way delay: 153.874 ms
Loss rate: 3.52%
-- Flow 1:
Average throughput: 23.32 Mbit/s
95th percentile per-packet one-way delay: 149.929 ms
Loss rate: 3.25%
-- Flow 2:
Average throughput: 24.61 Mbit/s
95th percentile per-packet one-way delay: 158.777 ms
Loss rate: 3.13%
-- Flow 3:
Average throughput: 18.90 Mbit/s
95th percentile per-packet one-way delay: 150.466 ms
Loss rate: 5.55%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-07-10 06:16:35

End at: 2018-07-10 06:17:05

Local clock offset: -0.573 ms

Remote clock offset: 0.293 ms

Below is generated by plot.py at 2018-07-10 07:45:12

Datalink statistics

-- Total of 3 flows:

Average throughput: 48.81 Mbit/s

95th percentile per-packet one-way delay: 115.429 ms

Loss rate: 1.70%

-- Flow 1:

Average throughput: 26.82 Mbit/s

95th percentile per-packet one-way delay: 111.020 ms

Loss rate: 2.17%

-- Flow 2:

Average throughput: 27.07 Mbit/s

95th percentile per-packet one-way delay: 124.331 ms

Loss rate: 1.37%

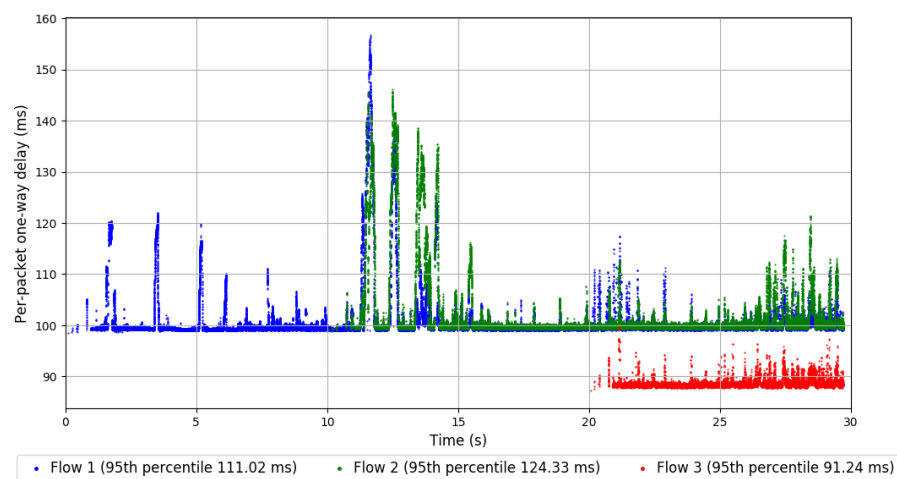
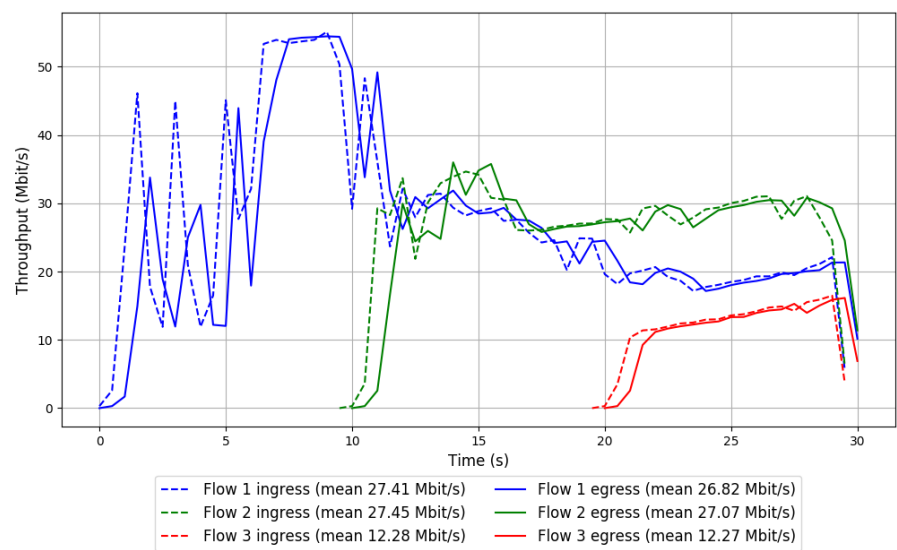
-- Flow 3:

Average throughput: 12.27 Mbit/s

95th percentile per-packet one-way delay: 91.240 ms

Loss rate: 0.02%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-07-10 06:40:17

End at: 2018-07-10 06:40:47

Local clock offset: -0.304 ms

Remote clock offset: 7.976 ms

Below is generated by plot.py at 2018-07-10 07:45:13

Datalink statistics

-- Total of 3 flows:

Average throughput: 45.15 Mbit/s

95th percentile per-packet one-way delay: 128.970 ms

Loss rate: 3.59%

-- Flow 1:

Average throughput: 21.95 Mbit/s

95th percentile per-packet one-way delay: 120.823 ms

Loss rate: 3.08%

-- Flow 2:

Average throughput: 24.85 Mbit/s

95th percentile per-packet one-way delay: 135.521 ms

Loss rate: 5.42%

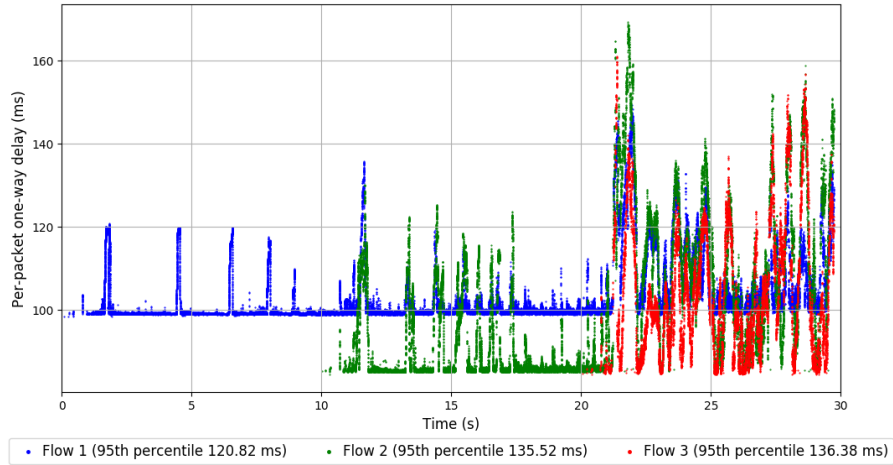
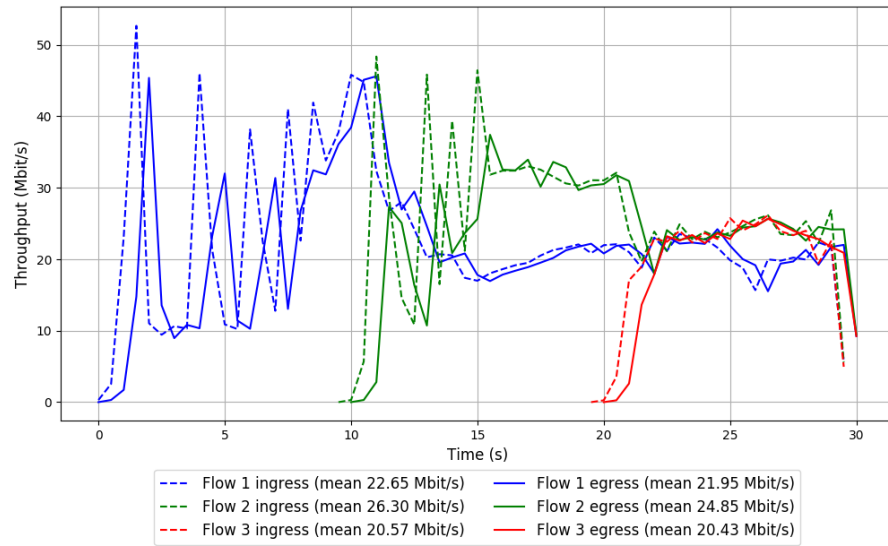
-- Flow 3:

Average throughput: 20.43 Mbit/s

95th percentile per-packet one-way delay: 136.380 ms

Loss rate: 0.54%

Run 8: Report of QUIC Cubic — Data Link

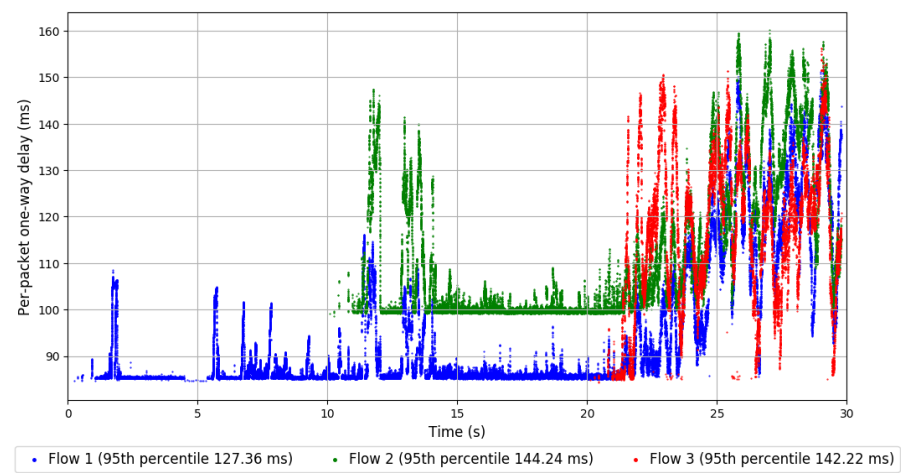
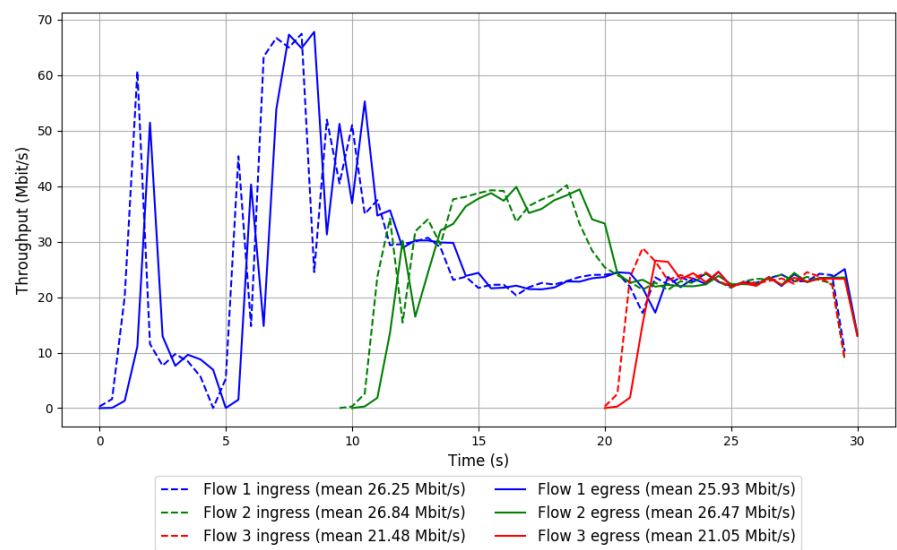


Run 9: Statistics of QUIC Cubic

Start at: 2018-07-10 07:03:54
End at: 2018-07-10 07:04:24
Local clock offset: -0.297 ms
Remote clock offset: 13.405 ms

Below is generated by plot.py at 2018-07-10 07:45:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 50.45 Mbit/s
95th percentile per-packet one-way delay: 139.183 ms
Loss rate: 1.59%
-- Flow 1:
Average throughput: 25.93 Mbit/s
95th percentile per-packet one-way delay: 127.364 ms
Loss rate: 1.66%
-- Flow 2:
Average throughput: 26.47 Mbit/s
95th percentile per-packet one-way delay: 144.240 ms
Loss rate: 1.39%
-- Flow 3:
Average throughput: 21.05 Mbit/s
95th percentile per-packet one-way delay: 142.216 ms
Loss rate: 1.85%

Run 9: Report of QUIC Cubic — Data Link

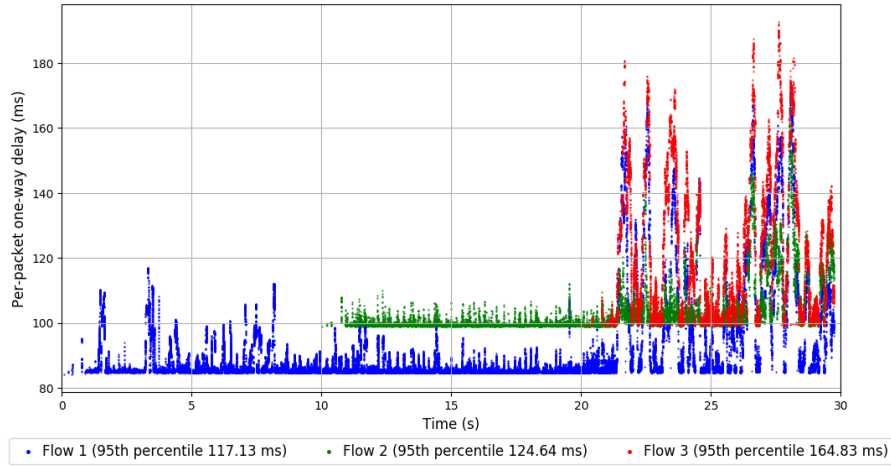
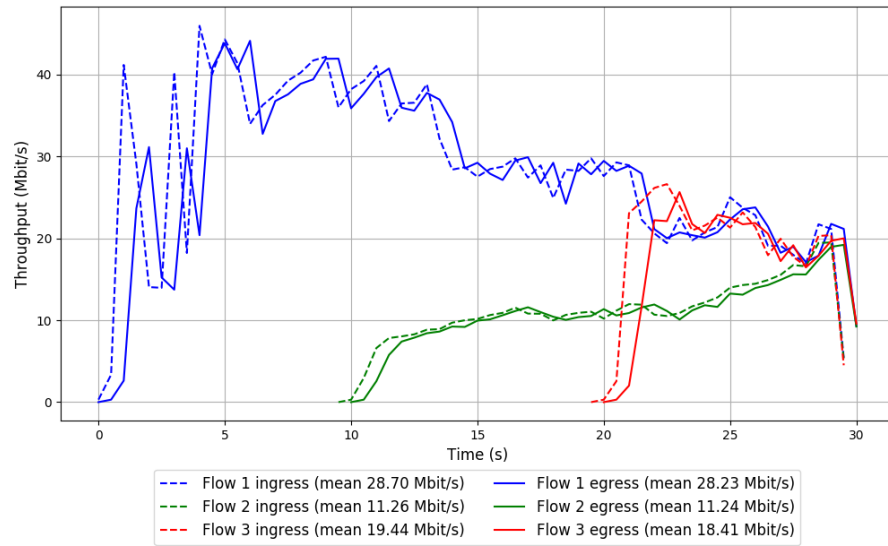


Run 10: Statistics of QUIC Cubic

Start at: 2018-07-10 07:27:35
End at: 2018-07-10 07:28:06
Local clock offset: -0.271 ms
Remote clock offset: 17.216 ms

Below is generated by plot.py at 2018-07-10 07:45:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 41.68 Mbit/s
95th percentile per-packet one-way delay: 137.746 ms
Loss rate: 1.88%
-- Flow 1:
Average throughput: 28.23 Mbit/s
95th percentile per-packet one-way delay: 117.132 ms
Loss rate: 1.60%
-- Flow 2:
Average throughput: 11.24 Mbit/s
95th percentile per-packet one-way delay: 124.636 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 18.41 Mbit/s
95th percentile per-packet one-way delay: 164.829 ms
Loss rate: 5.21%

Run 10: Report of QUIC Cubic — Data Link

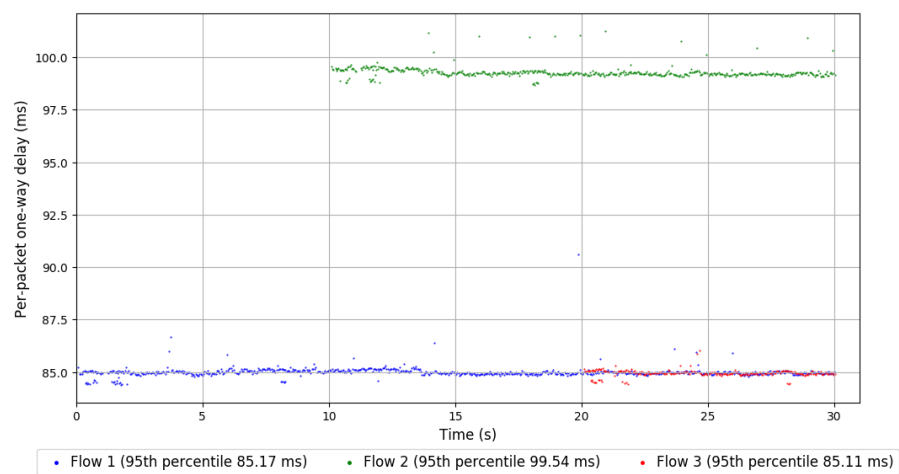
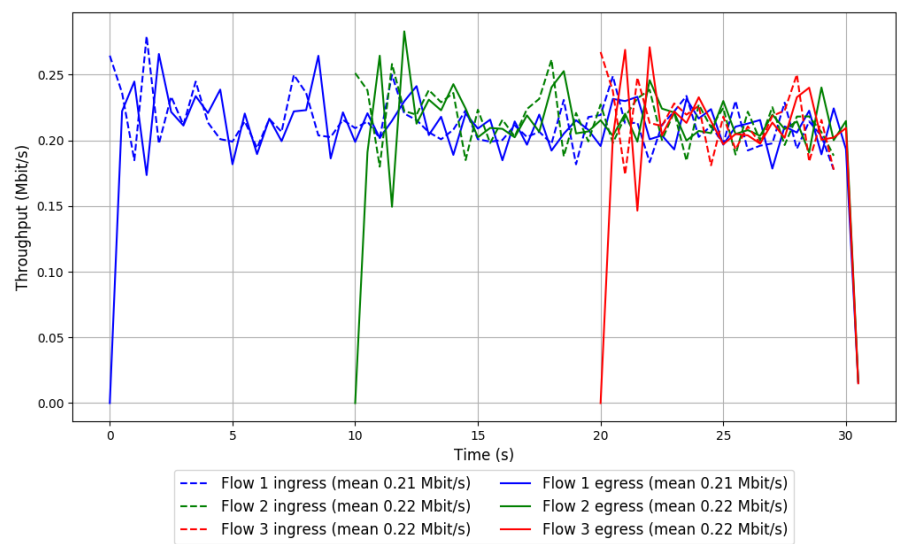


```
Run 1: Statistics of SReAM

Start at: 2018-07-10 03:39:00
End at: 2018-07-10 03:39:30
Local clock offset: 0.727 ms
Remote clock offset: -0.507 ms

# Below is generated by plot.py at 2018-07-10 07:45:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 99.422 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 85.170 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 99.543 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.114 ms
Loss rate: 0.00%
```


Run 1: Report of SReAM — Data Link

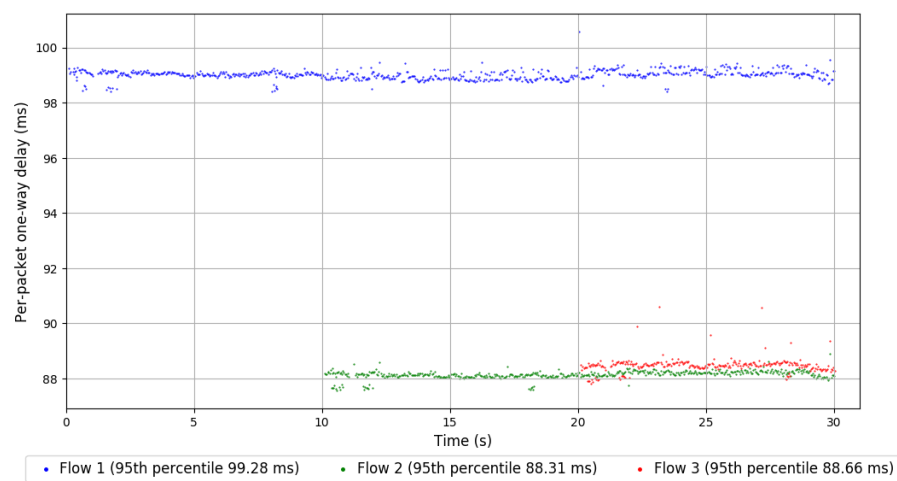
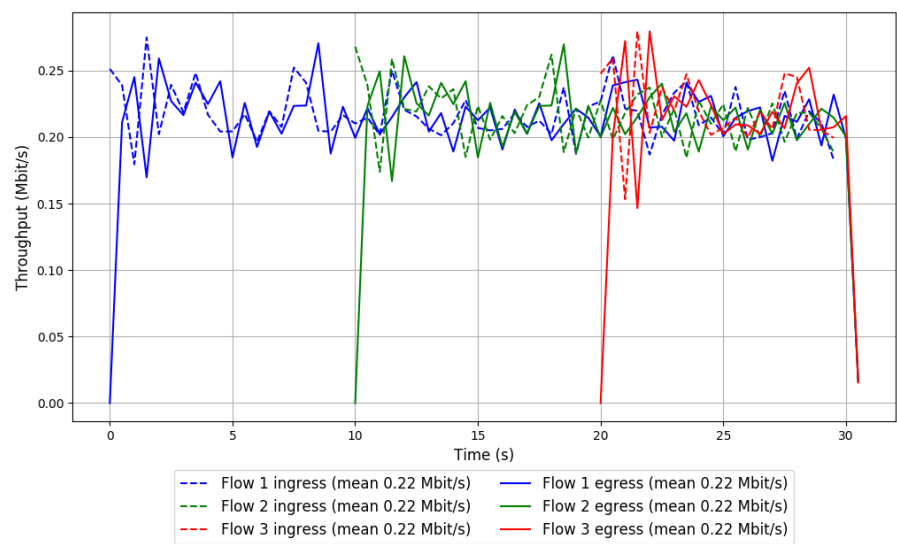


```
Run 2: Statistics of SReAM

Start at: 2018-07-10 04:02:49
End at: 2018-07-10 04:03:19
Local clock offset: 0.658 ms
Remote clock offset: -0.804 ms

# Below is generated by plot.py at 2018-07-10 07:45:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 99.209 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 99.285 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 88.313 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 88.658 ms
Loss rate: 0.00%
```

Run 2: Report of SReAM — Data Link

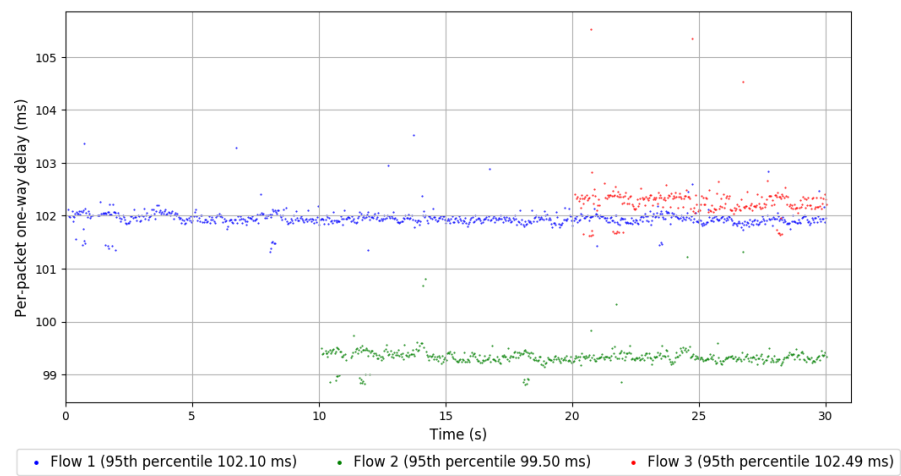
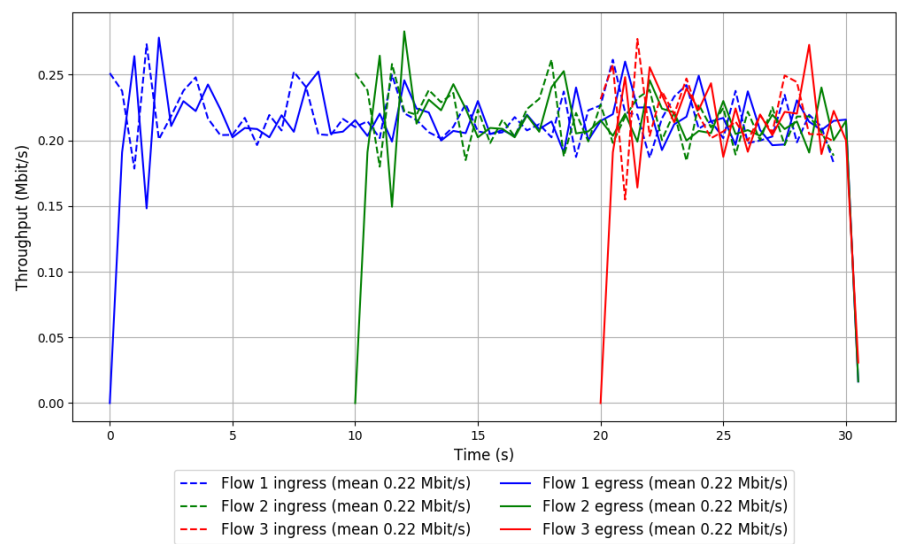


Run 3: Statistics of SReAM

Start at: 2018-07-10 04:26:28
End at: 2018-07-10 04:26:58
Local clock offset: 0.587 ms
Remote clock offset: -0.679 ms

Below is generated by plot.py at 2018-07-10 07:45:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 102.362 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 102.104 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 99.503 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 102.487 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

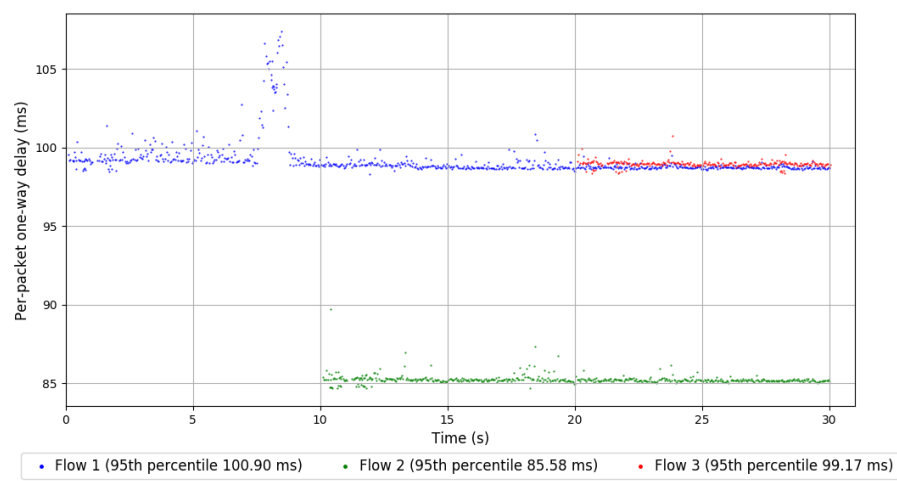
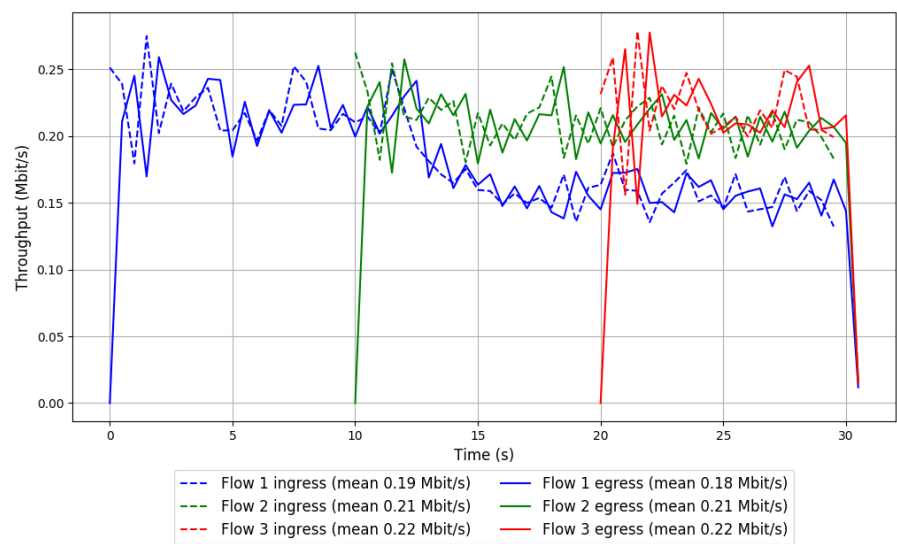


Run 4: Statistics of SReAM

Start at: 2018-07-10 04:50:14
End at: 2018-07-10 04:50:44
Local clock offset: 0.212 ms
Remote clock offset: -0.464 ms

Below is generated by plot.py at 2018-07-10 07:45:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 99.789 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 100.899 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 85.576 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 99.171 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

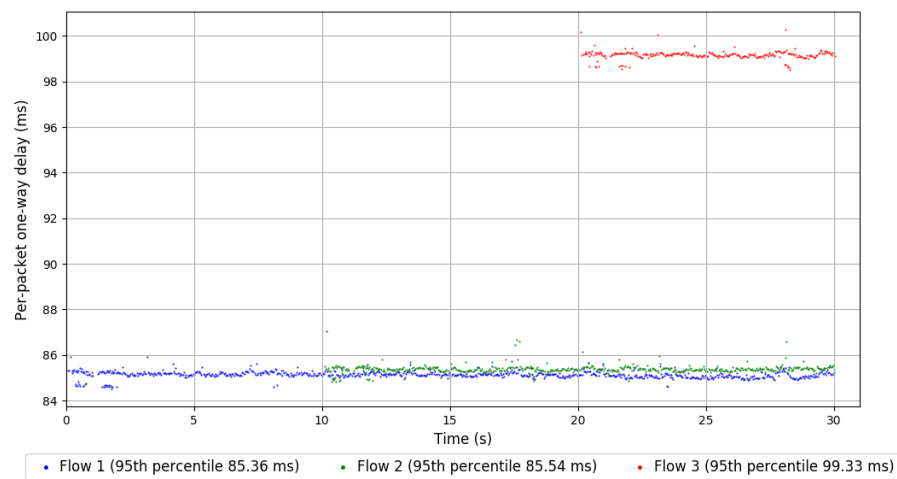
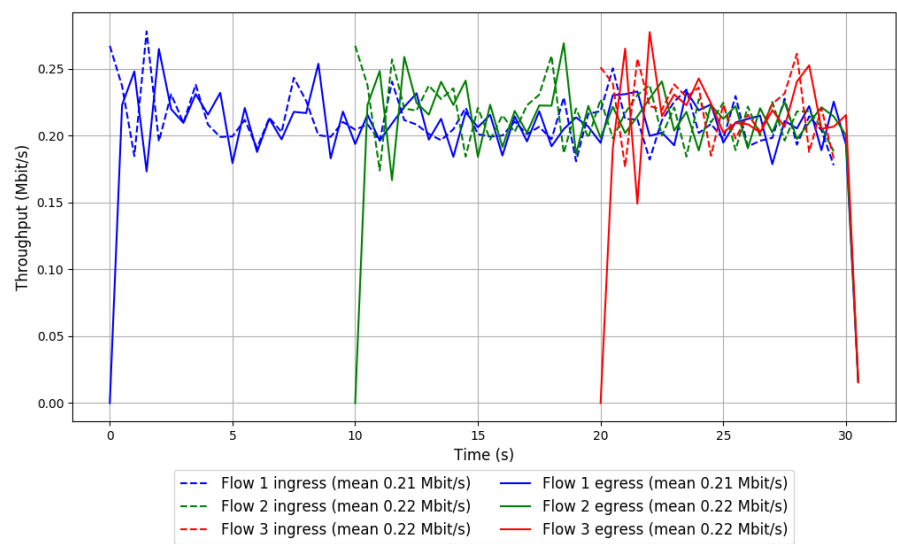


Run 5: Statistics of SReAM

Start at: 2018-07-10 05:13:51
End at: 2018-07-10 05:14:21
Local clock offset: -0.091 ms
Remote clock offset: -0.107 ms

Below is generated by plot.py at 2018-07-10 07:45:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 99.224 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 85.360 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.542 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 99.329 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SReAM

Start at: 2018-07-10 05:37:35

End at: 2018-07-10 05:38:05

Local clock offset: -0.226 ms

Remote clock offset: -0.03 ms

Below is generated by plot.py at 2018-07-10 07:45:18

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 102.180 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 85.451 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 102.324 ms

Loss rate: 0.00%

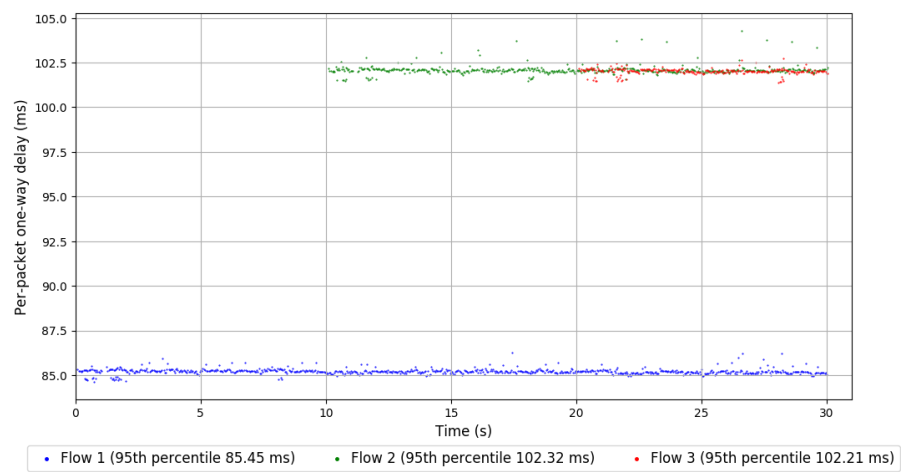
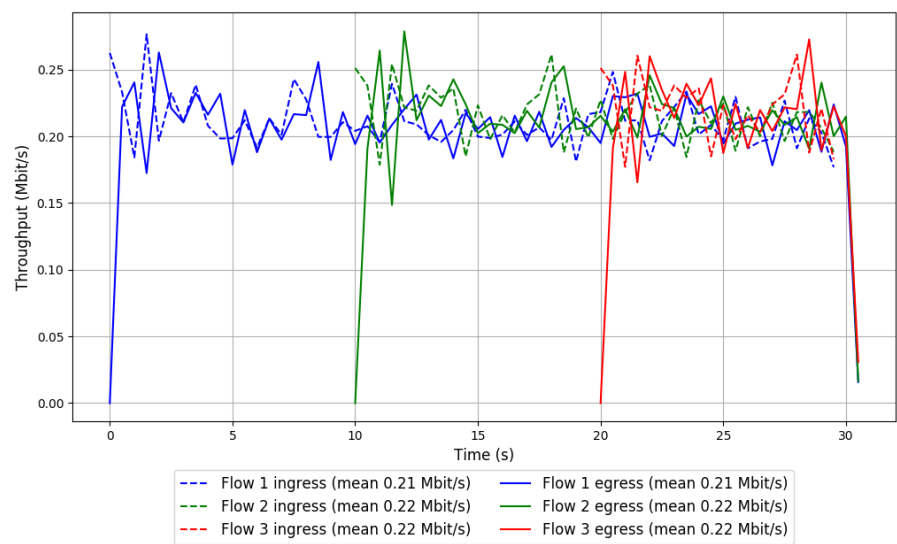
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 102.208 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

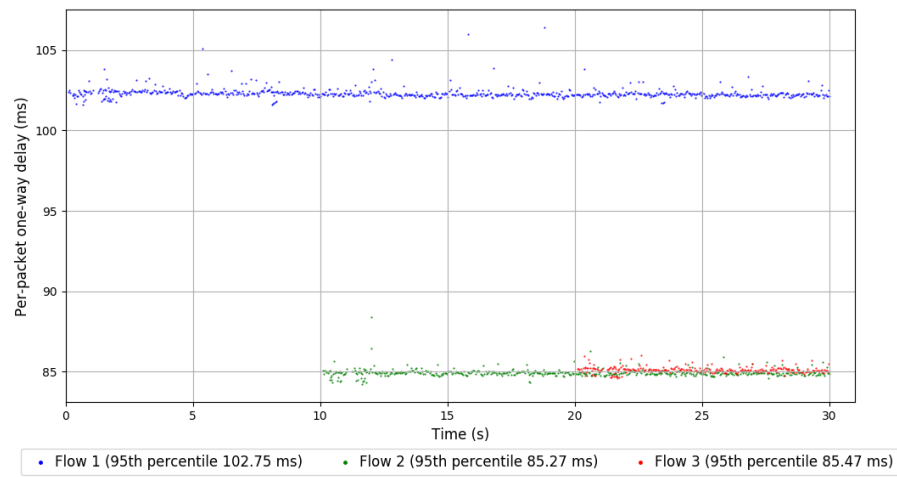
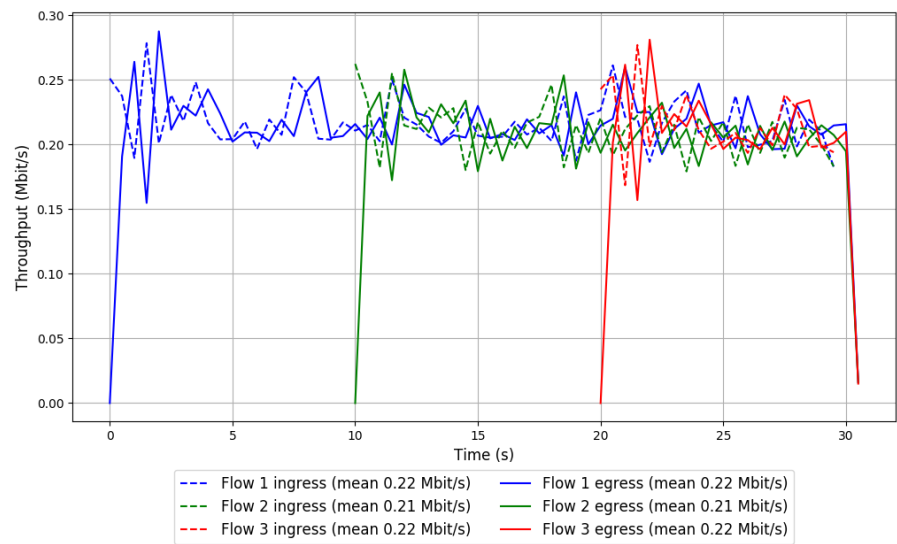


Run 7: Statistics of SReAM

Start at: 2018-07-10 06:01:24
End at: 2018-07-10 06:01:54
Local clock offset: -0.663 ms
Remote clock offset: 0.153 ms

Below is generated by plot.py at 2018-07-10 07:45:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 102.510 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 102.752 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 85.266 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.475 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

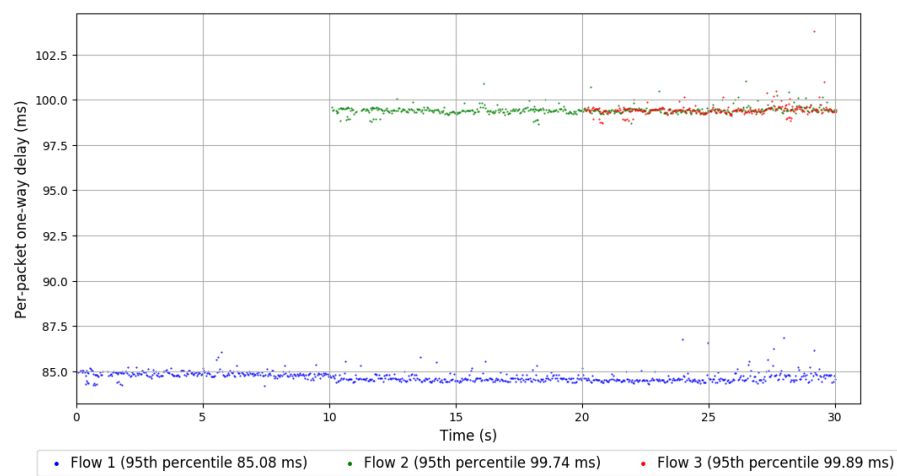
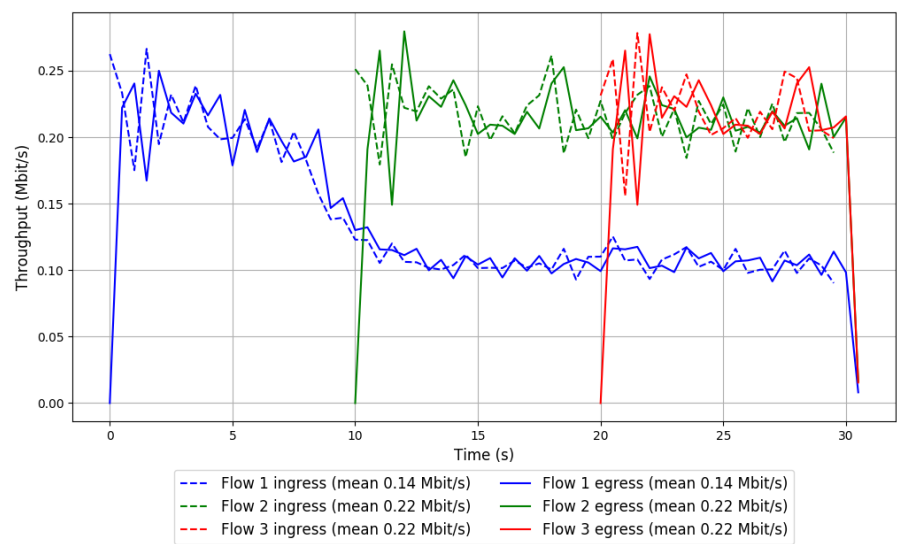


Run 8: Statistics of SReAM

Start at: 2018-07-10 06:25:04
End at: 2018-07-10 06:25:34
Local clock offset: -0.523 ms
Remote clock offset: 0.416 ms

Below is generated by plot.py at 2018-07-10 07:45:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 99.602 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 85.079 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 99.740 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 99.889 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

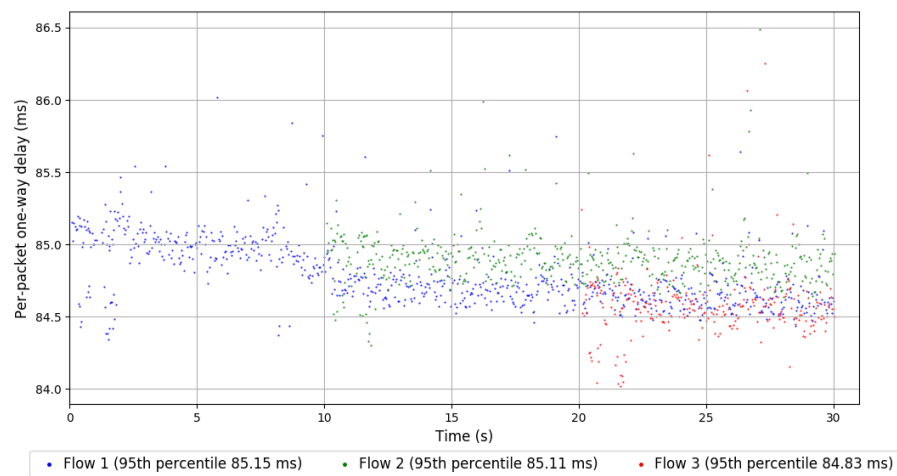
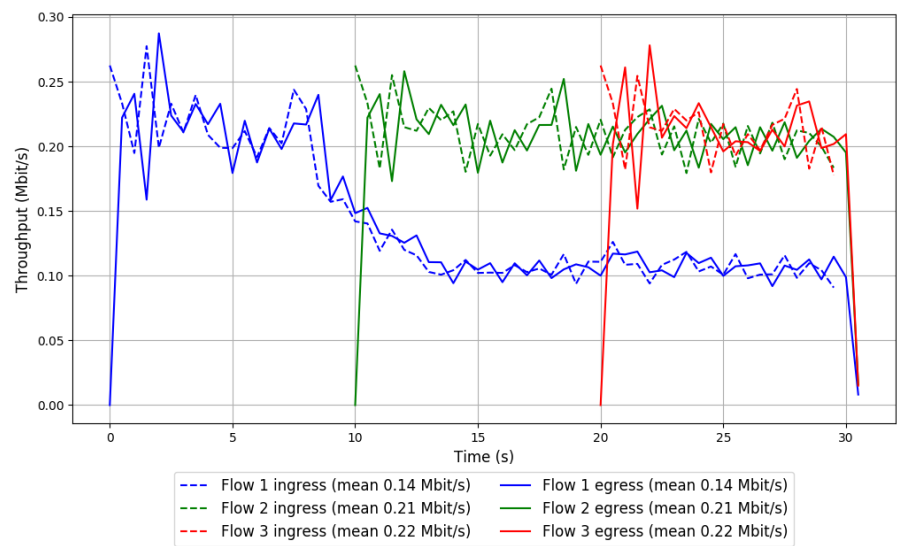


Run 9: Statistics of SReAM

Start at: 2018-07-10 06:48:44
End at: 2018-07-10 06:49:14
Local clock offset: -0.057 ms
Remote clock offset: 10.442 ms

Below is generated by plot.py at 2018-07-10 07:45:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 85.126 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 85.152 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 85.109 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.828 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

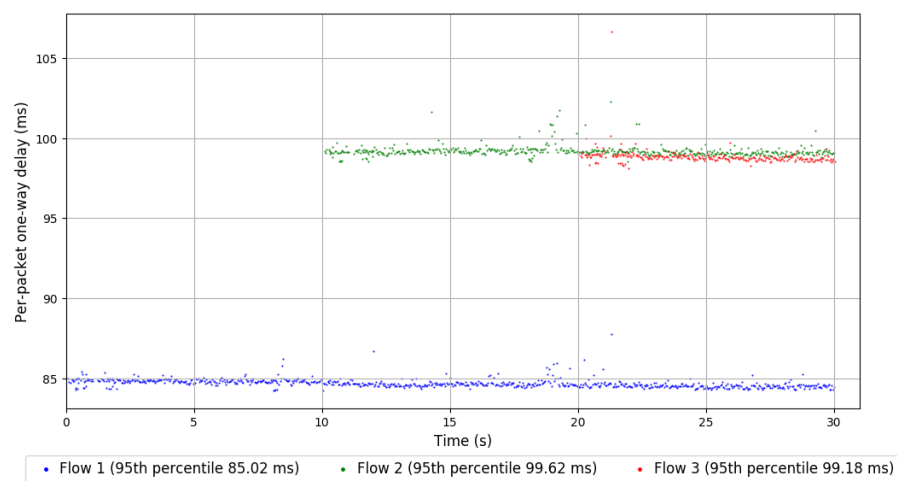
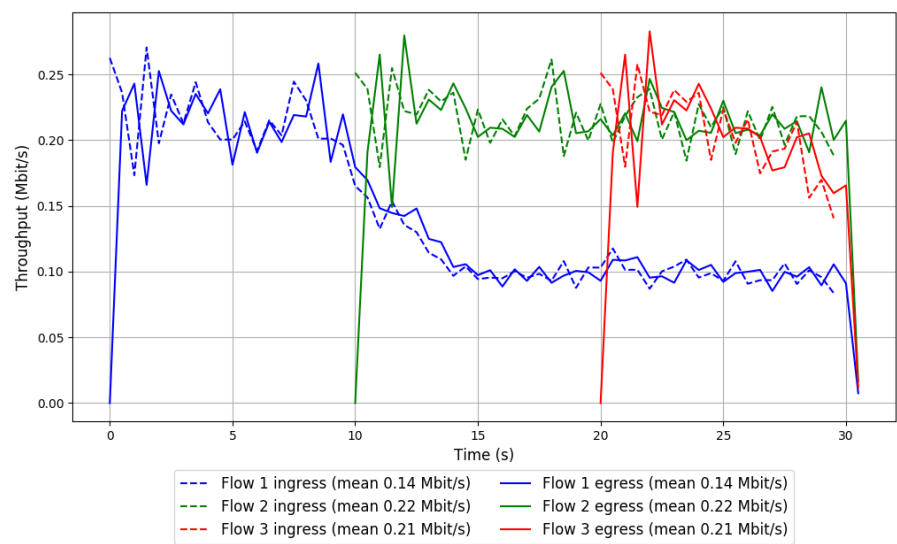


Run 10: Statistics of SReAM

Start at: 2018-07-10 07:12:22
End at: 2018-07-10 07:12:52
Local clock offset: -0.063 ms
Remote clock offset: 14.842 ms

Below is generated by plot.py at 2018-07-10 07:45:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 99.346 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 85.020 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 99.616 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 99.182 ms
Loss rate: 0.40%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: 2018-07-10 03:41:44

End at: 2018-07-10 03:42:14

Local clock offset: 0.732 ms

Remote clock offset: -0.61 ms

Below is generated by plot.py at 2018-07-10 07:45:18

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.84 Mbit/s

95th percentile per-packet one-way delay: 100.426 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.40 Mbit/s

95th percentile per-packet one-way delay: 86.427 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 100.788 ms

Loss rate: 0.01%

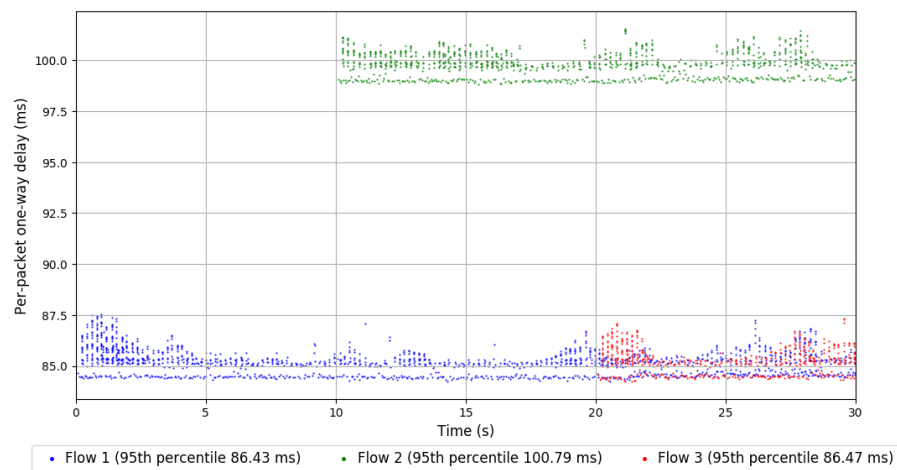
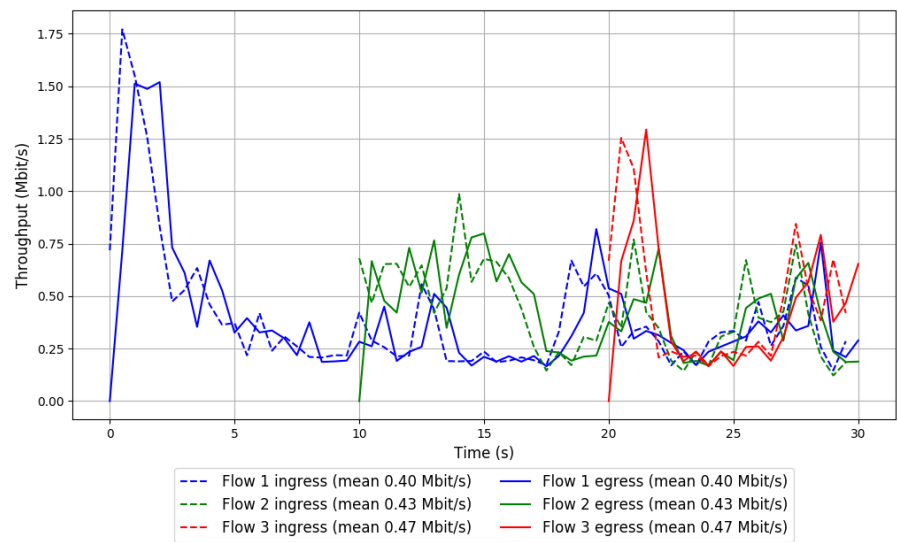
-- Flow 3:

Average throughput: 0.47 Mbit/s

95th percentile per-packet one-way delay: 86.472 ms

Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

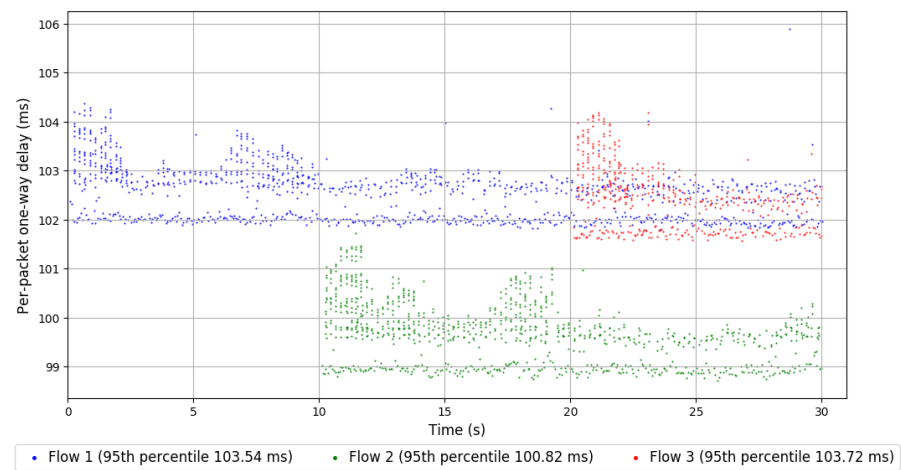
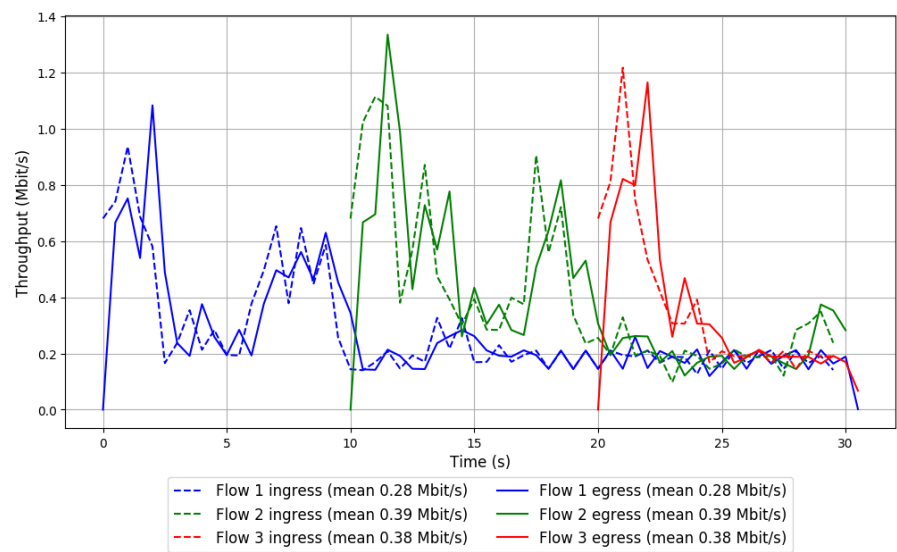


Run 2: Statistics of Sprout

Start at: 2018-07-10 04:05:33
End at: 2018-07-10 04:06:03
Local clock offset: 0.648 ms
Remote clock offset: -0.895 ms

```
# Below is generated by plot.py at 2018-07-10 07:45:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.66 Mbit/s
95th percentile per-packet one-way delay: 103.387 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 103.542 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 100.823 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 103.715 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

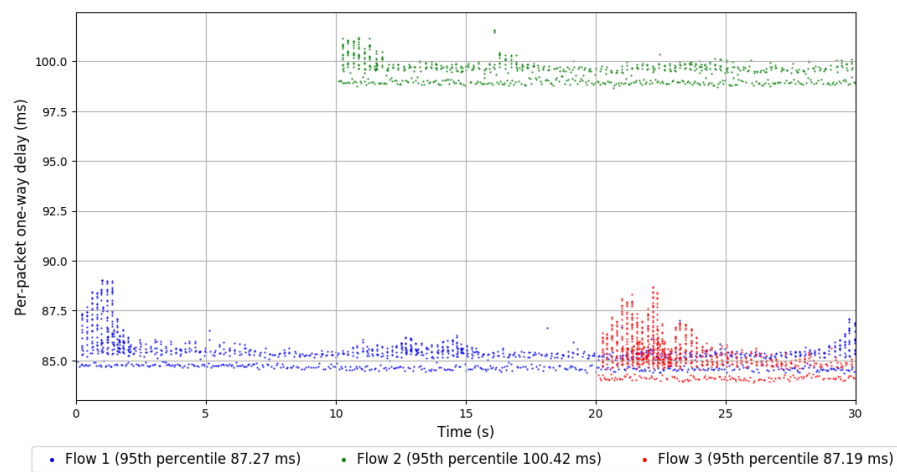
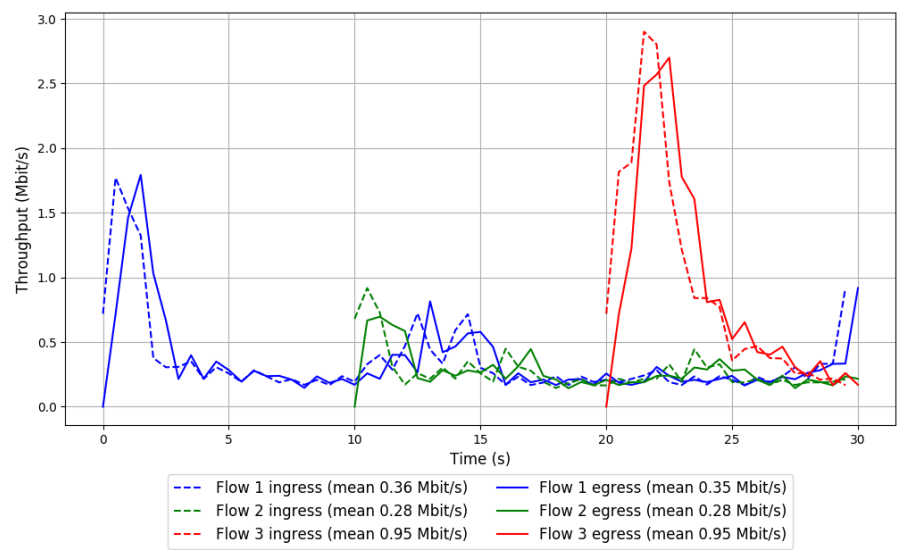


Run 3: Statistics of Sprout

Start at: 2018-07-10 04:29:13
End at: 2018-07-10 04:29:43
Local clock offset: 0.426 ms
Remote clock offset: -0.692 ms

Below is generated by plot.py at 2018-07-10 07:45:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.85 Mbit/s
95th percentile per-packet one-way delay: 99.849 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 87.265 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 100.425 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.95 Mbit/s
95th percentile per-packet one-way delay: 87.191 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

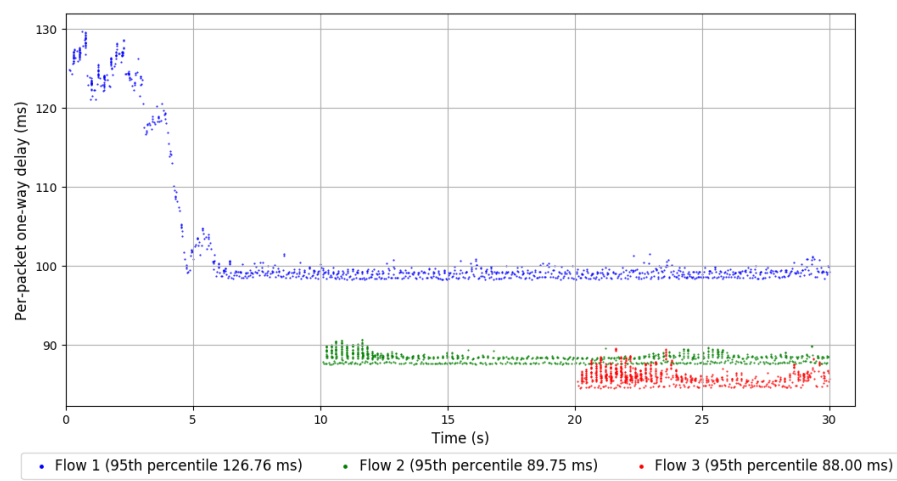
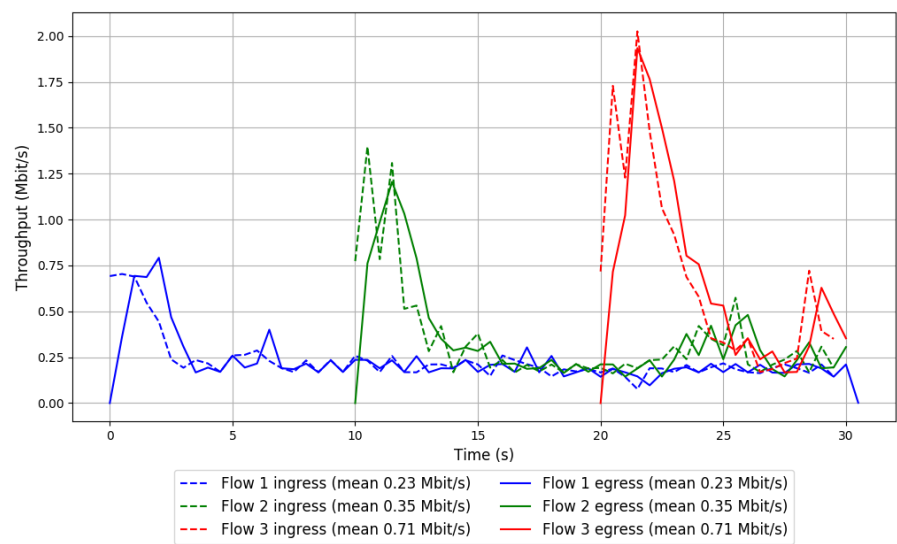


Run 4: Statistics of Sprout

Start at: 2018-07-10 04:52:58
End at: 2018-07-10 04:53:28
Local clock offset: 0.196 ms
Remote clock offset: -0.418 ms

```
# Below is generated by plot.py at 2018-07-10 07:45:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.70 Mbit/s
95th percentile per-packet one-way delay: 123.880 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 126.763 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 89.751 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.71 Mbit/s
95th percentile per-packet one-way delay: 87.997 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

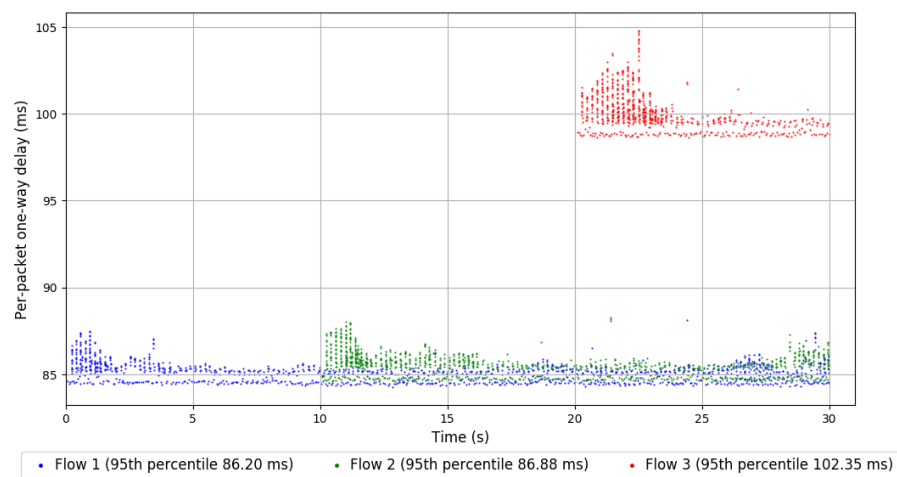
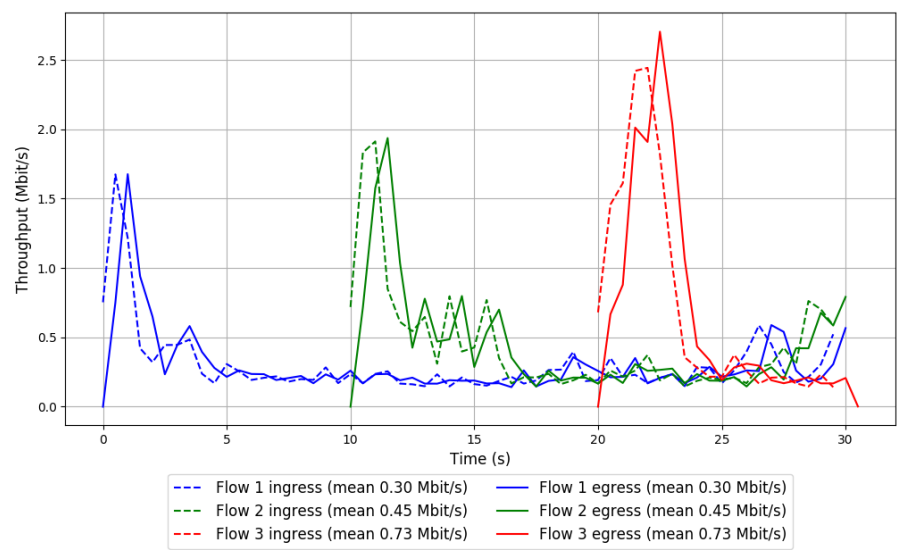


Run 5: Statistics of Sprout

Start at: 2018-07-10 05:16:36
End at: 2018-07-10 05:17:06
Local clock offset: -0.105 ms
Remote clock offset: -0.107 ms

Below is generated by plot.py at 2018-07-10 07:45:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.84 Mbit/s
95th percentile per-packet one-way delay: 101.019 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 86.197 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 86.882 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.73 Mbit/s
95th percentile per-packet one-way delay: 102.349 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

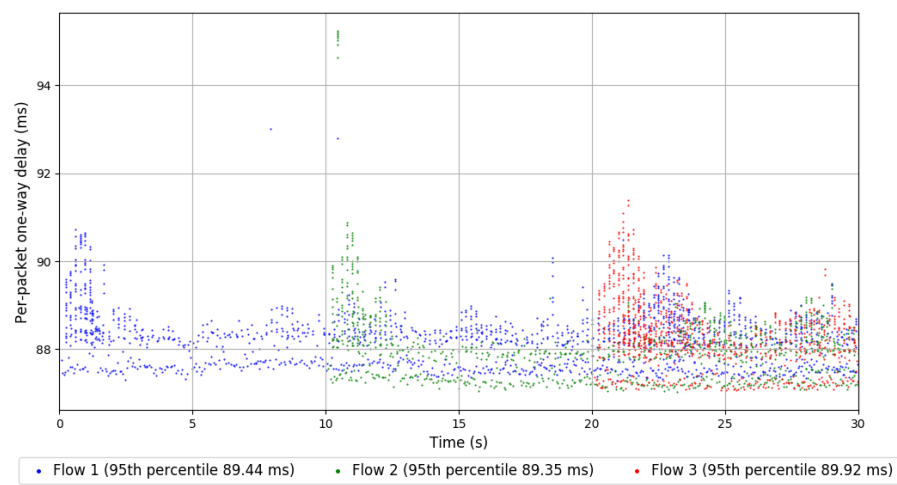
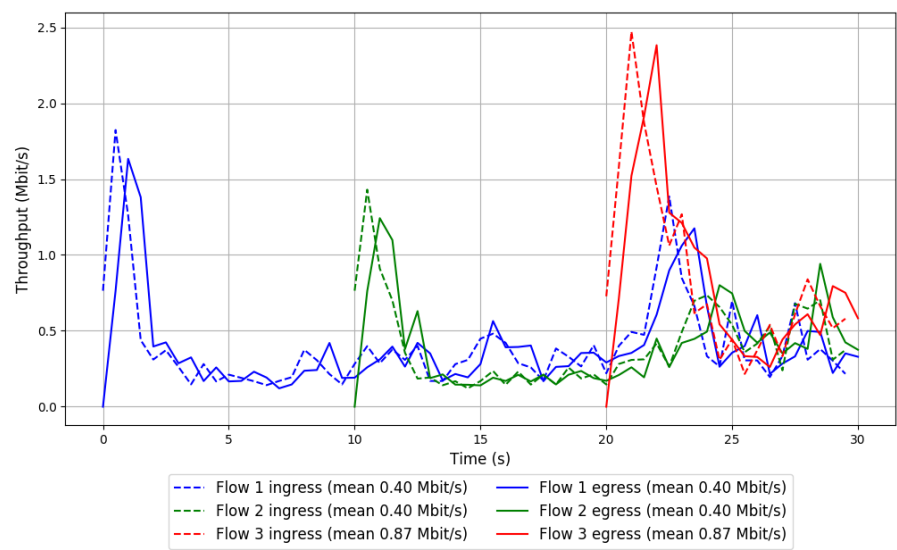


Run 6: Statistics of Sprout

Start at: 2018-07-10 05:40:20
End at: 2018-07-10 05:40:50
Local clock offset: -0.267 ms
Remote clock offset: -0.027 ms

Below is generated by plot.py at 2018-07-10 07:45:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.96 Mbit/s
95th percentile per-packet one-way delay: 89.591 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 89.442 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 89.349 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.87 Mbit/s
95th percentile per-packet one-way delay: 89.916 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

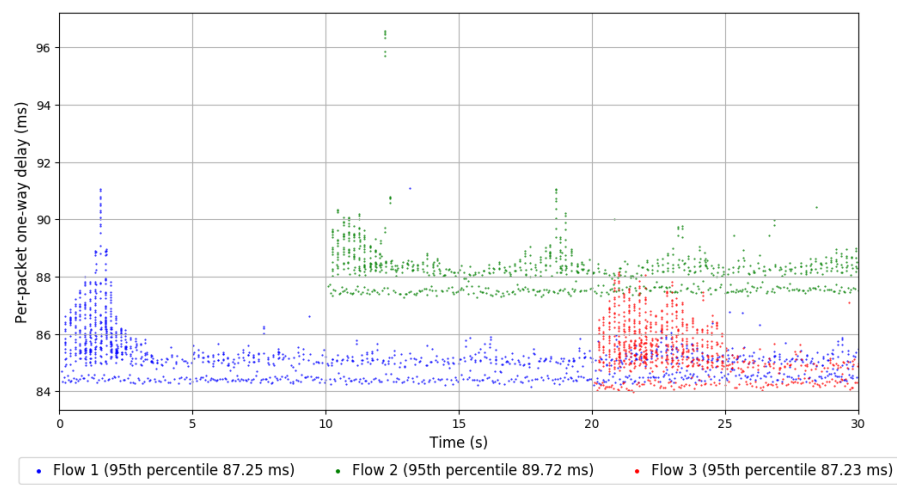
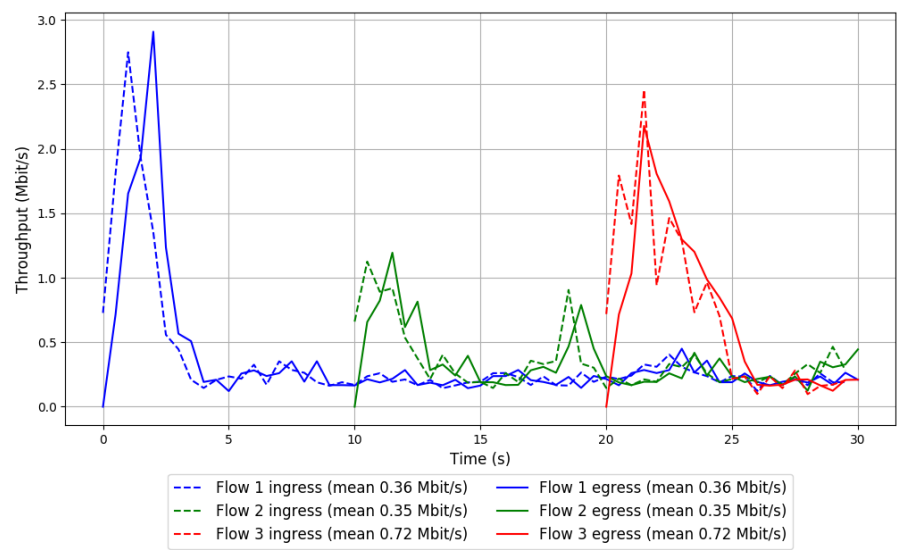


Run 7: Statistics of Sprout

Start at: 2018-07-10 06:04:08
End at: 2018-07-10 06:04:38
Local clock offset: -0.493 ms
Remote clock offset: 0.16 ms

```
# Below is generated by plot.py at 2018-07-10 07:45:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.83 Mbit/s
95th percentile per-packet one-way delay: 88.904 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 87.251 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 89.722 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 0.72 Mbit/s
95th percentile per-packet one-way delay: 87.234 ms
Loss rate: 0.00%
```


Run 7: Report of Sprout — Data Link

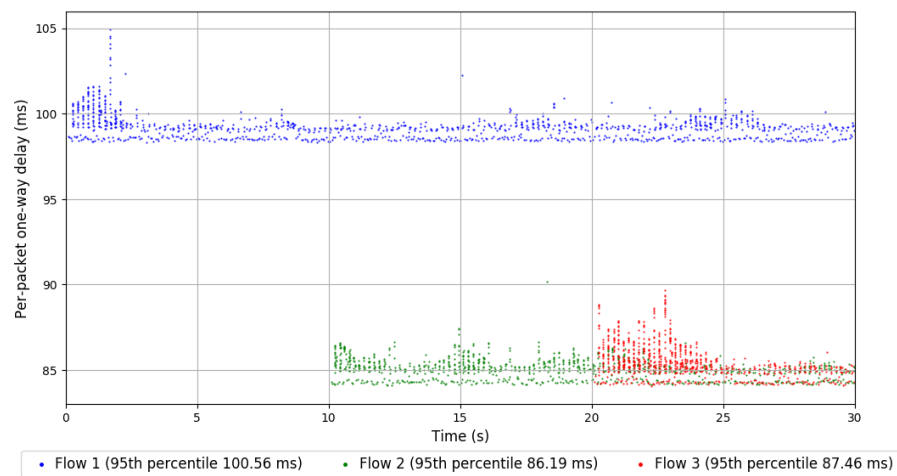
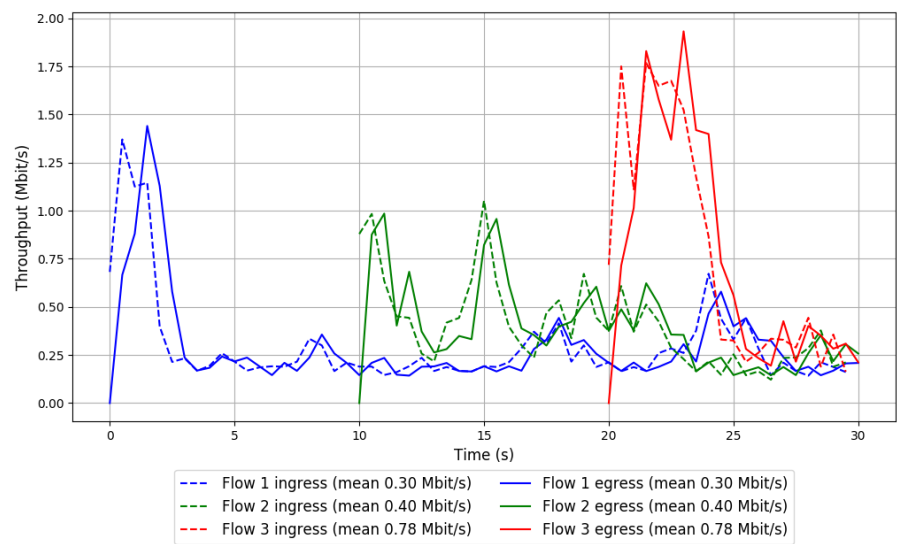


Run 8: Statistics of Sprout

Start at: 2018-07-10 06:27:50
End at: 2018-07-10 06:28:20
Local clock offset: -0.213 ms
Remote clock offset: 0.437 ms

Below is generated by plot.py at 2018-07-10 07:45:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.82 Mbit/s
95th percentile per-packet one-way delay: 99.925 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 100.563 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 86.189 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.78 Mbit/s
95th percentile per-packet one-way delay: 87.461 ms
Loss rate: 0.14%

Run 8: Report of Sprout — Data Link

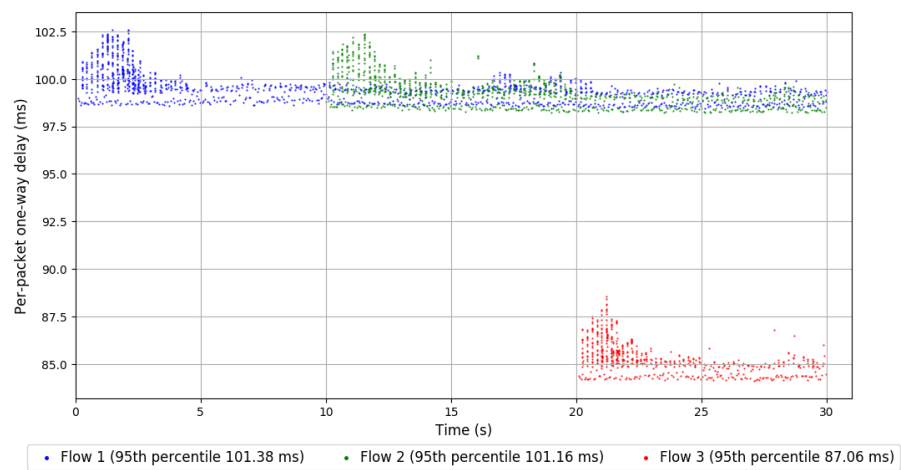
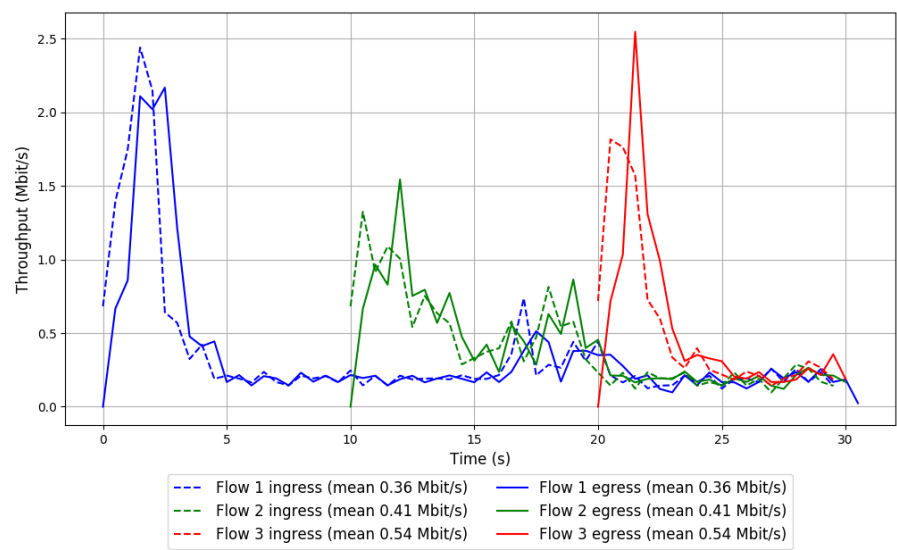


Run 9: Statistics of Sprout

Start at: 2018-07-10 06:51:30
End at: 2018-07-10 06:52:00
Local clock offset: -0.189 ms
Remote clock offset: 11.136 ms

Below is generated by plot.py at 2018-07-10 07:45:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.81 Mbit/s
95th percentile per-packet one-way delay: 101.155 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 101.384 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 101.160 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.54 Mbit/s
95th percentile per-packet one-way delay: 87.055 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

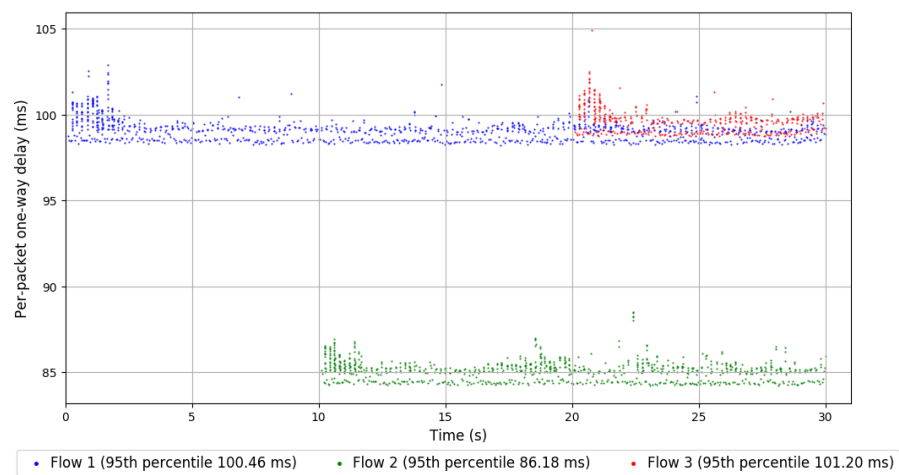
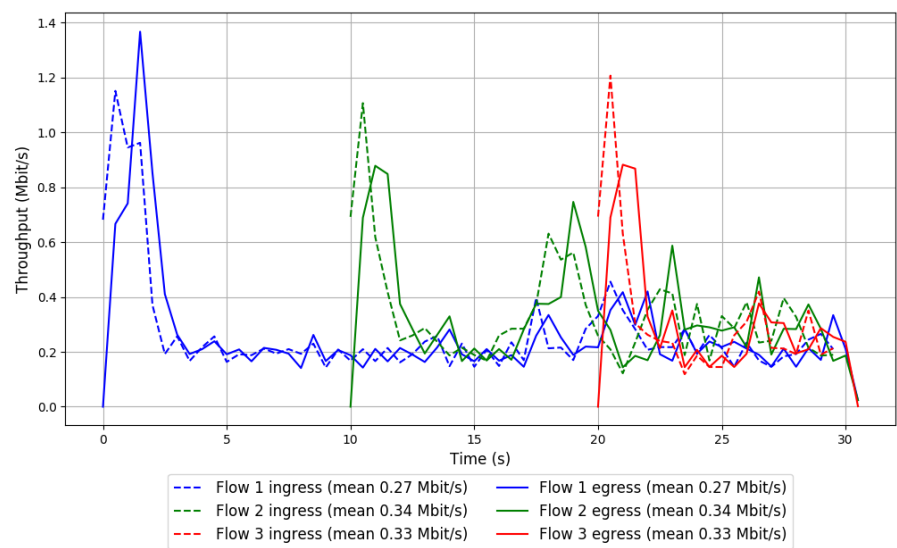


Run 10: Statistics of Sprout

Start at: 2018-07-10 07:15:07
End at: 2018-07-10 07:15:37
Local clock offset: -0.172 ms
Remote clock offset: 15.285 ms

Below is generated by plot.py at 2018-07-10 07:45:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 100.435 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 100.459 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 0.34 Mbit/s
95th percentile per-packet one-way delay: 86.184 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 101.196 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

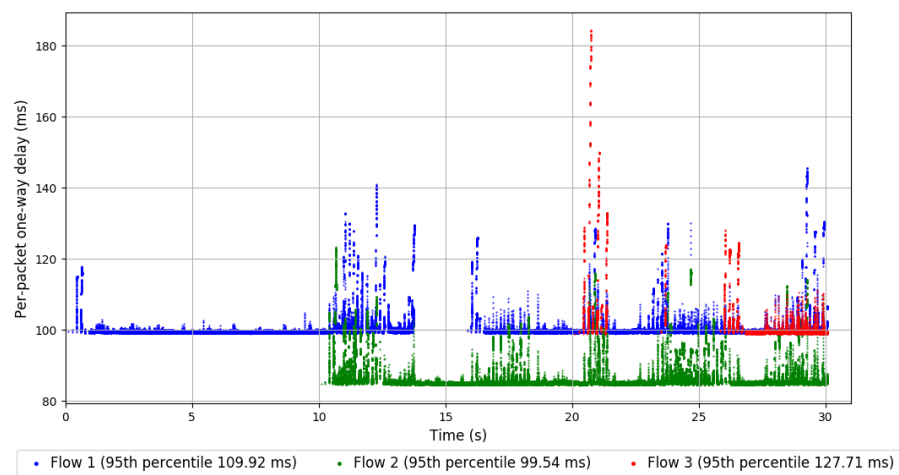
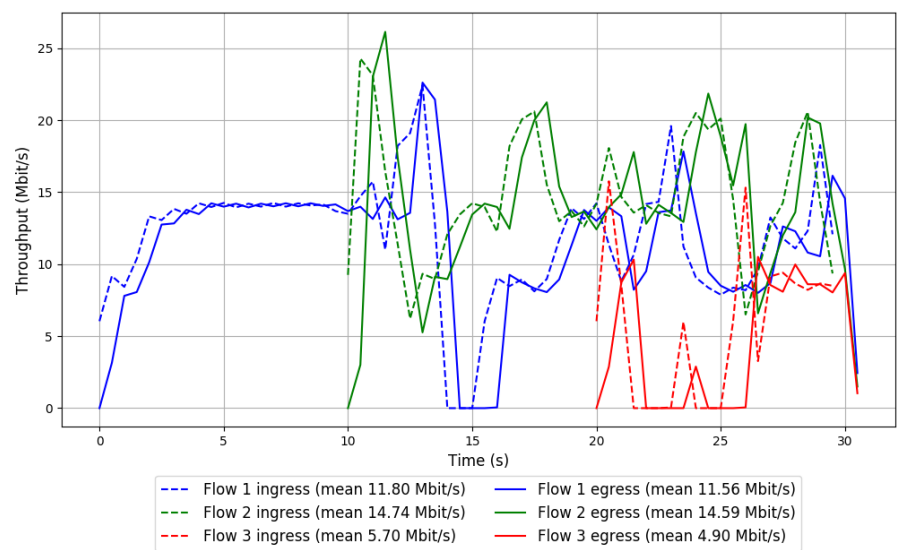


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-07-10 03:48:35
End at: 2018-07-10 03:49:05
Local clock offset: 0.725 ms
Remote clock offset: -0.766 ms

# Below is generated by plot.py at 2018-07-10 07:45:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 22.91 Mbit/s
95th percentile per-packet one-way delay: 106.357 ms
Loss rate: 2.56%
-- Flow 1:
Average throughput: 11.56 Mbit/s
95th percentile per-packet one-way delay: 109.919 ms
Loss rate: 2.02%
-- Flow 2:
Average throughput: 14.59 Mbit/s
95th percentile per-packet one-way delay: 99.536 ms
Loss rate: 1.00%
-- Flow 3:
Average throughput: 4.90 Mbit/s
95th percentile per-packet one-way delay: 127.706 ms
Loss rate: 14.05%
```


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

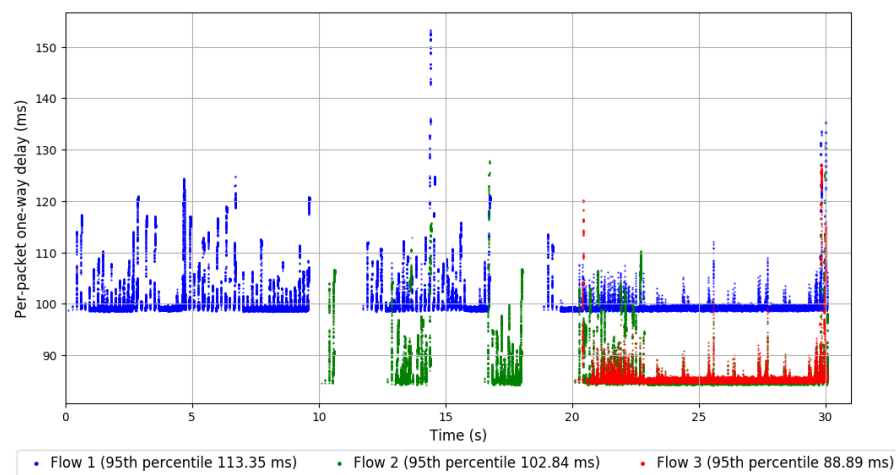
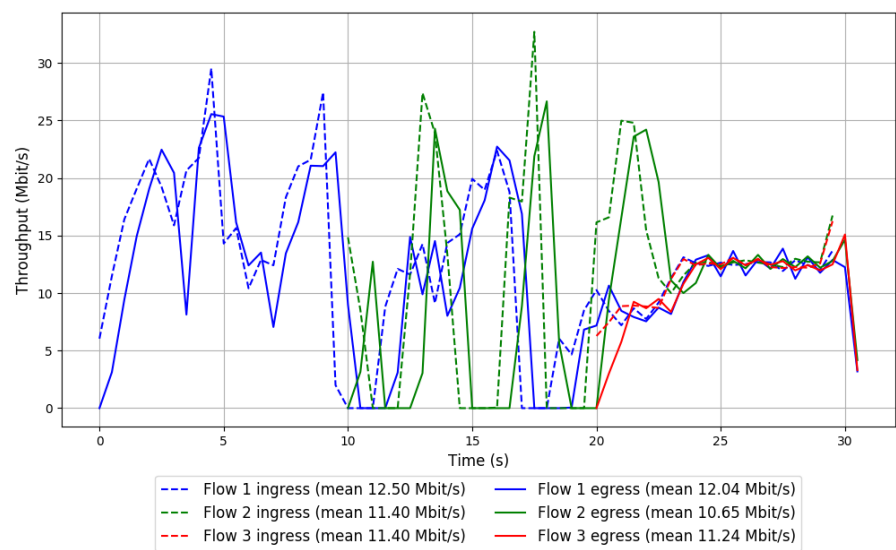


Run 2: Statistics of TaoVA-100x

Start at: 2018-07-10 04:12:25
End at: 2018-07-10 04:12:55
Local clock offset: 0.614 ms
Remote clock offset: -0.937 ms

Below is generated by plot.py at 2018-07-10 07:45:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 22.87 Mbit/s
95th percentile per-packet one-way delay: 108.652 ms
Loss rate: 4.19%
-- Flow 1:
Average throughput: 12.04 Mbit/s
95th percentile per-packet one-way delay: 113.354 ms
Loss rate: 3.67%
-- Flow 2:
Average throughput: 10.65 Mbit/s
95th percentile per-packet one-way delay: 102.840 ms
Loss rate: 6.46%
-- Flow 3:
Average throughput: 11.24 Mbit/s
95th percentile per-packet one-way delay: 88.888 ms
Loss rate: 1.35%

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

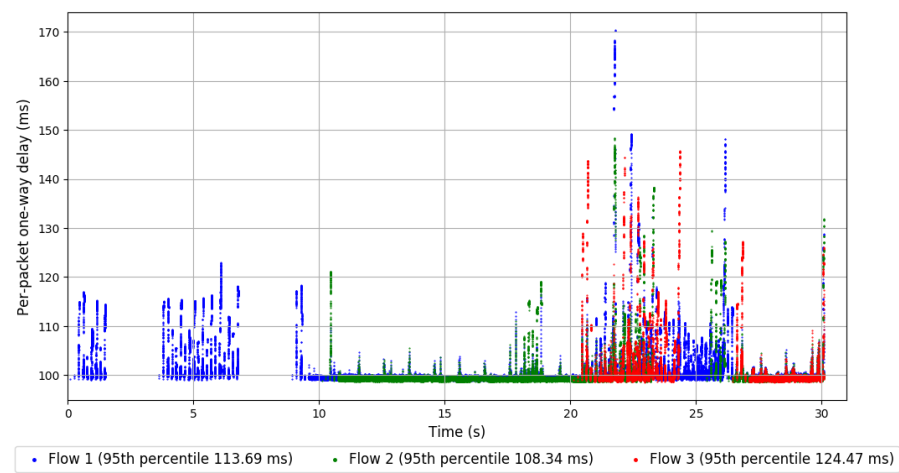
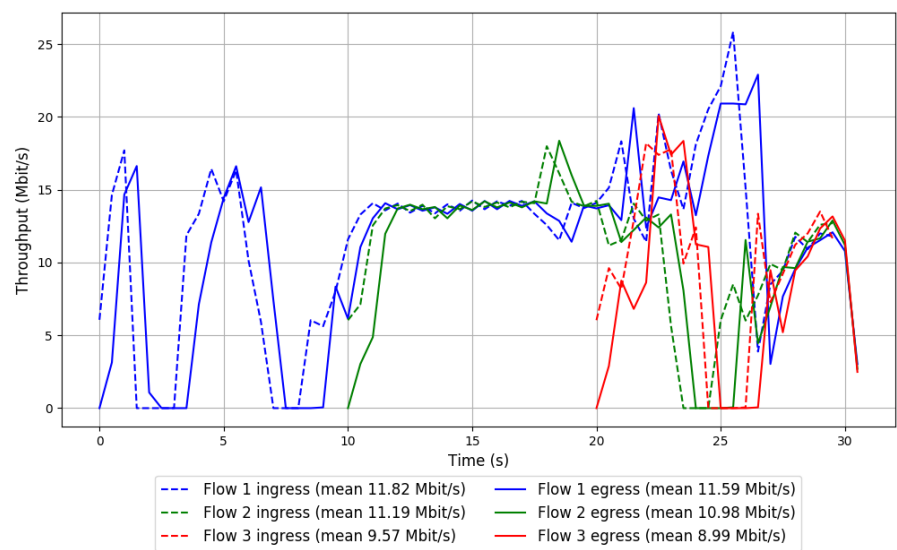


Run 3: Statistics of TaoVA-100x

Start at: 2018-07-10 04:36:07
End at: 2018-07-10 04:36:37
Local clock offset: 0.353 ms
Remote clock offset: -0.637 ms

Below is generated by plot.py at 2018-07-10 07:45:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 21.89 Mbit/s
95th percentile per-packet one-way delay: 113.855 ms
Loss rate: 2.51%
-- Flow 1:
Average throughput: 11.59 Mbit/s
95th percentile per-packet one-way delay: 113.690 ms
Loss rate: 1.98%
-- Flow 2:
Average throughput: 10.98 Mbit/s
95th percentile per-packet one-way delay: 108.343 ms
Loss rate: 1.87%
-- Flow 3:
Average throughput: 8.99 Mbit/s
95th percentile per-packet one-way delay: 124.470 ms
Loss rate: 5.98%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-07-10 04:59:51

End at: 2018-07-10 05:00:21

Local clock offset: 0.271 ms

Remote clock offset: -0.29 ms

Below is generated by plot.py at 2018-07-10 07:45:47

Datalink statistics

-- Total of 3 flows:

Average throughput: 24.51 Mbit/s

95th percentile per-packet one-way delay: 104.831 ms

Loss rate: 3.43%

-- Flow 1:

Average throughput: 14.29 Mbit/s

95th percentile per-packet one-way delay: 98.427 ms

Loss rate: 3.15%

-- Flow 2:

Average throughput: 9.91 Mbit/s

95th percentile per-packet one-way delay: 120.778 ms

Loss rate: 3.97%

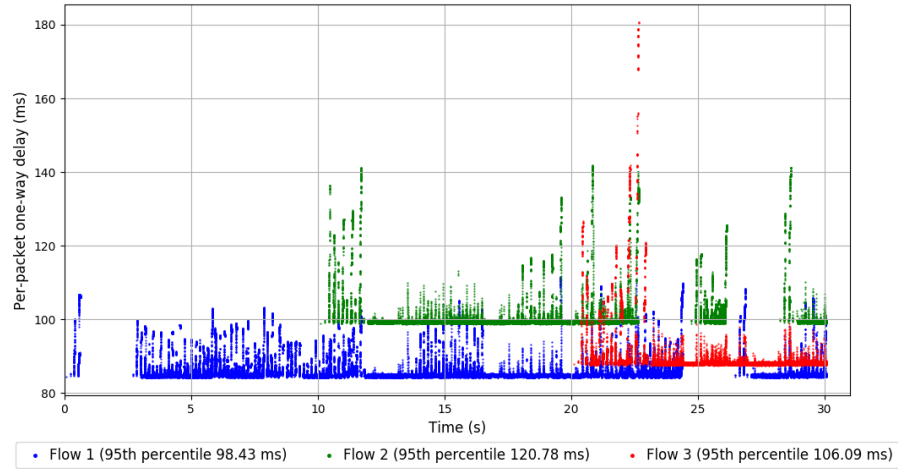
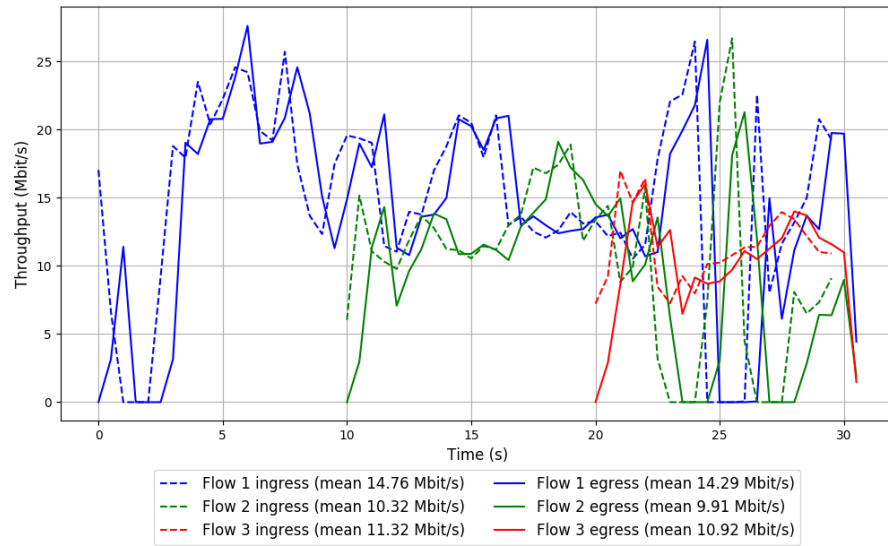
-- Flow 3:

Average throughput: 10.92 Mbit/s

95th percentile per-packet one-way delay: 106.089 ms

Loss rate: 3.52%

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

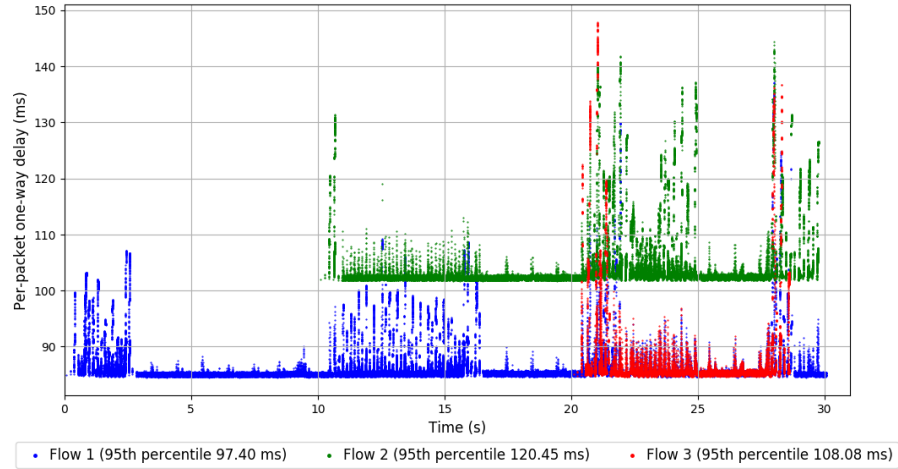
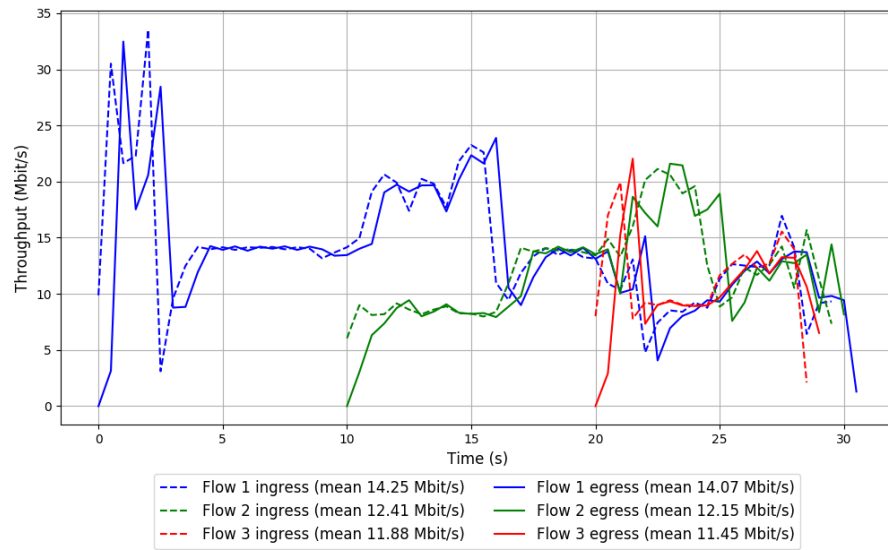


Run 5: Statistics of TaoVA-100x

Start at: 2018-07-10 05:23:31
End at: 2018-07-10 05:24:01
Local clock offset: -0.037 ms
Remote clock offset: -0.064 ms

Below is generated by plot.py at 2018-07-10 07:45:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 25.28 Mbit/s
95th percentile per-packet one-way delay: 108.777 ms
Loss rate: 1.79%
-- Flow 1:
Average throughput: 14.07 Mbit/s
95th percentile per-packet one-way delay: 97.398 ms
Loss rate: 1.32%
-- Flow 2:
Average throughput: 12.15 Mbit/s
95th percentile per-packet one-way delay: 120.450 ms
Loss rate: 1.95%
-- Flow 3:
Average throughput: 11.45 Mbit/s
95th percentile per-packet one-way delay: 108.084 ms
Loss rate: 3.44%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-07-10 05:47:13

End at: 2018-07-10 05:47:43

Local clock offset: -0.399 ms

Remote clock offset: 0.025 ms

Below is generated by plot.py at 2018-07-10 07:45:51

Datalink statistics

-- Total of 3 flows:

Average throughput: 19.84 Mbit/s

95th percentile per-packet one-way delay: 119.997 ms

Loss rate: 3.87%

-- Flow 1:

Average throughput: 11.63 Mbit/s

95th percentile per-packet one-way delay: 118.892 ms

Loss rate: 1.82%

-- Flow 2:

Average throughput: 7.58 Mbit/s

95th percentile per-packet one-way delay: 124.491 ms

Loss rate: 7.78%

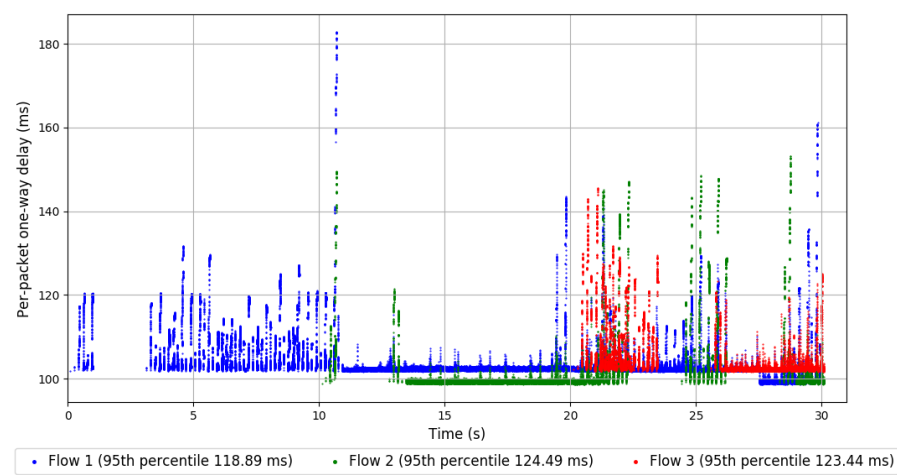
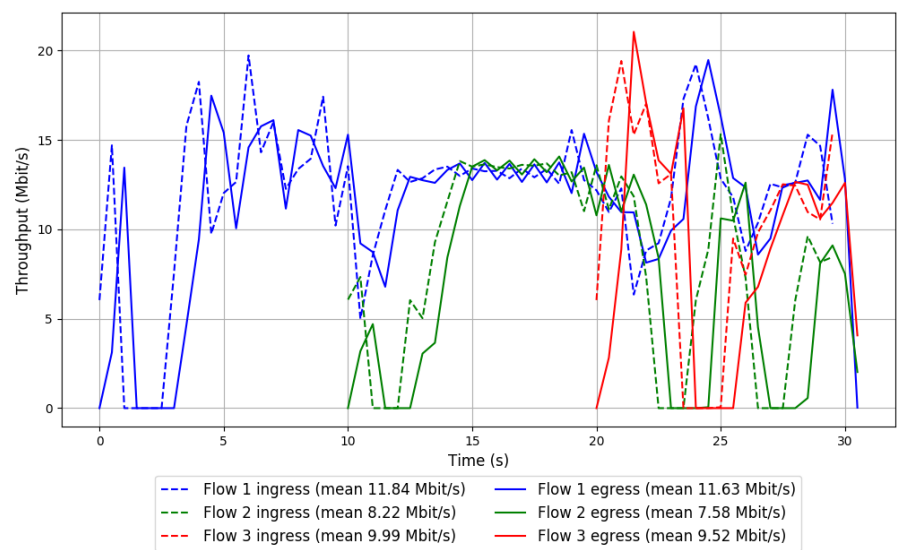
-- Flow 3:

Average throughput: 9.52 Mbit/s

95th percentile per-packet one-way delay: 123.437 ms

Loss rate: 4.74%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-07-10 06:11:00

End at: 2018-07-10 06:11:30

Local clock offset: -0.462 ms

Remote clock offset: 0.22 ms

Below is generated by plot.py at 2018-07-10 07:45:52

Datalink statistics

-- Total of 3 flows:

Average throughput: 23.24 Mbit/s

95th percentile per-packet one-way delay: 109.257 ms

Loss rate: 2.44%

-- Flow 1:

Average throughput: 13.96 Mbit/s

95th percentile per-packet one-way delay: 96.112 ms

Loss rate: 1.49%

-- Flow 2:

Average throughput: 12.29 Mbit/s

95th percentile per-packet one-way delay: 118.918 ms

Loss rate: 1.30%

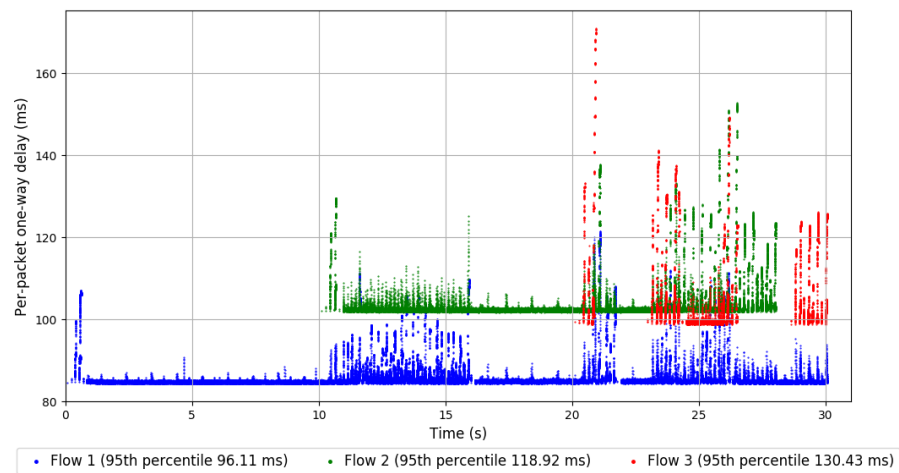
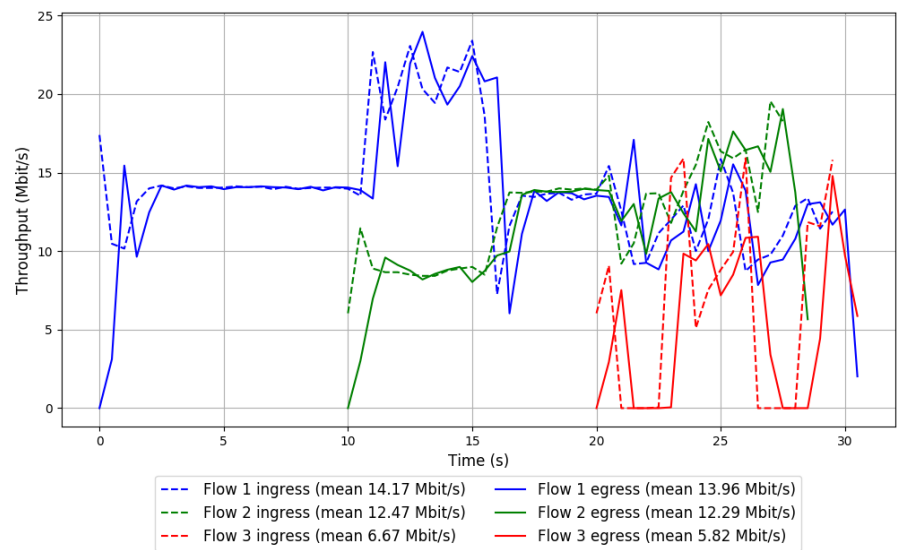
-- Flow 3:

Average throughput: 5.82 Mbit/s

95th percentile per-packet one-way delay: 130.428 ms

Loss rate: 12.42%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-07-10 06:34:44

End at: 2018-07-10 06:35:14

Local clock offset: -0.406 ms

Remote clock offset: 5.217 ms

Below is generated by plot.py at 2018-07-10 07:45:52

Datalink statistics

-- Total of 3 flows:

Average throughput: 20.39 Mbit/s

95th percentile per-packet one-way delay: 115.196 ms

Loss rate: 2.60%

-- Flow 1:

Average throughput: 10.18 Mbit/s

95th percentile per-packet one-way delay: 113.428 ms

Loss rate: 2.83%

-- Flow 2:

Average throughput: 11.25 Mbit/s

95th percentile per-packet one-way delay: 119.120 ms

Loss rate: 2.65%

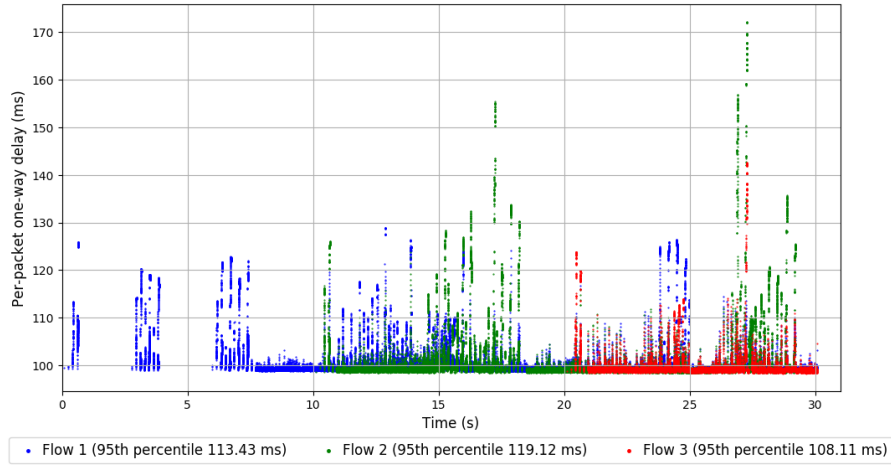
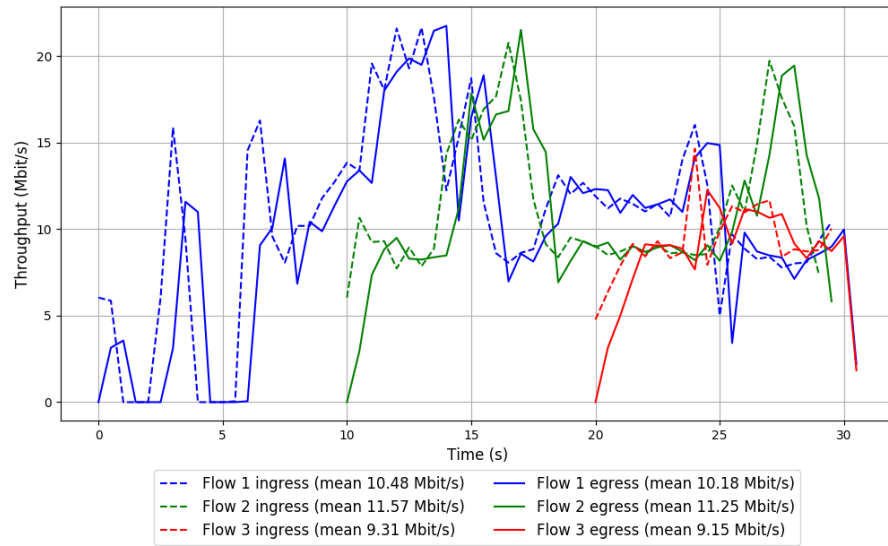
-- Flow 3:

Average throughput: 9.15 Mbit/s

95th percentile per-packet one-way delay: 108.109 ms

Loss rate: 1.70%

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

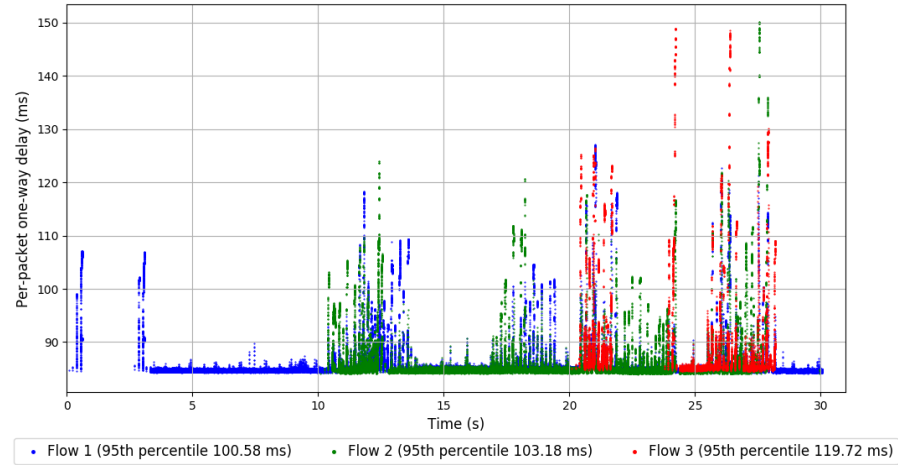
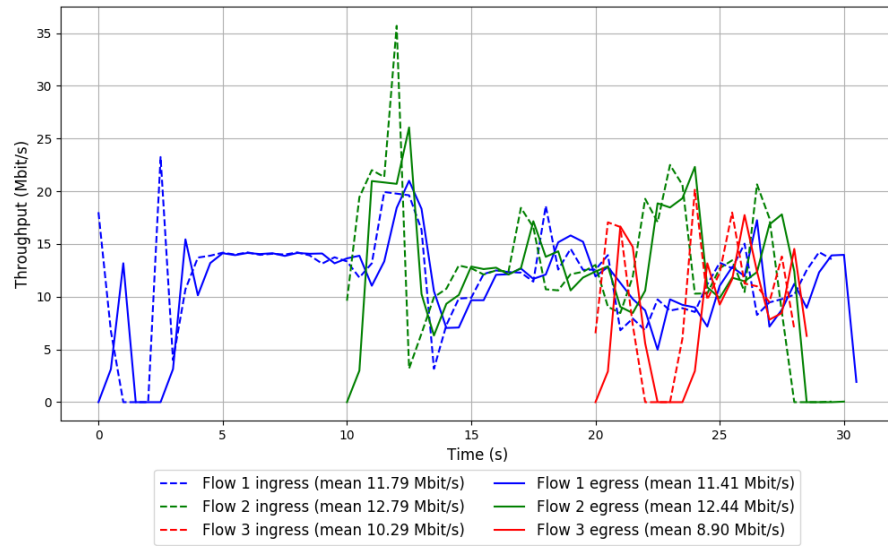


Run 9: Statistics of TaoVA-100x

Start at: 2018-07-10 06:58:22
End at: 2018-07-10 06:58:52
Local clock offset: -0.193 ms
Remote clock offset: 12.403 ms

Below is generated by plot.py at 2018-07-10 07:46:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 22.05 Mbit/s
95th percentile per-packet one-way delay: 104.871 ms
Loss rate: 4.22%
-- Flow 1:
Average throughput: 11.41 Mbit/s
95th percentile per-packet one-way delay: 100.580 ms
Loss rate: 3.20%
-- Flow 2:
Average throughput: 12.44 Mbit/s
95th percentile per-packet one-way delay: 103.182 ms
Loss rate: 2.68%
-- Flow 3:
Average throughput: 8.90 Mbit/s
95th percentile per-packet one-way delay: 119.720 ms
Loss rate: 13.28%

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

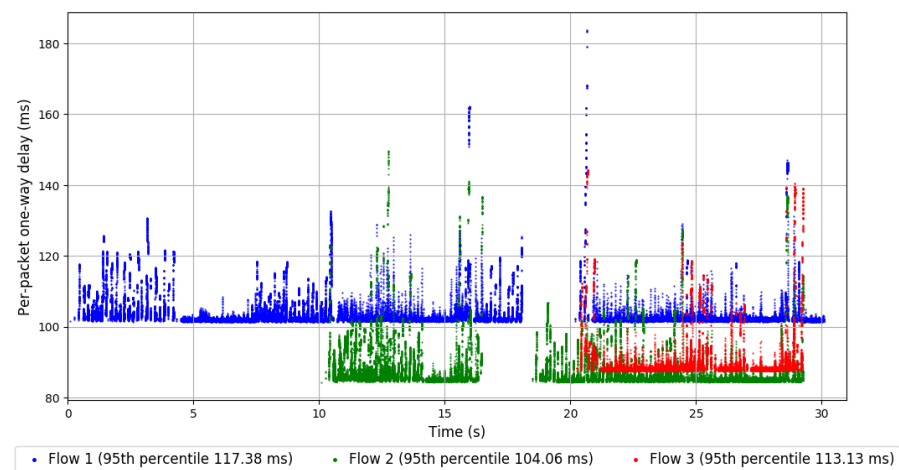
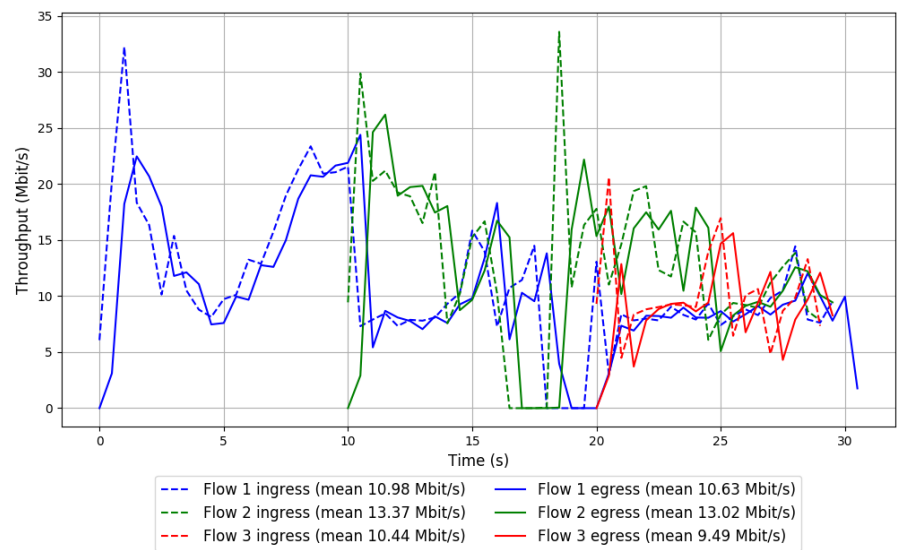


Run 10: Statistics of TaoVA-100x

Start at: 2018-07-10 07:21:59
End at: 2018-07-10 07:22:29
Local clock offset: -0.158 ms
Remote clock offset: 16.386 ms

Below is generated by plot.py at 2018-07-10 07:46:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 21.85 Mbit/s
95th percentile per-packet one-way delay: 114.707 ms
Loss rate: 3.69%
-- Flow 1:
Average throughput: 10.63 Mbit/s
95th percentile per-packet one-way delay: 117.380 ms
Loss rate: 3.18%
-- Flow 2:
Average throughput: 13.02 Mbit/s
95th percentile per-packet one-way delay: 104.065 ms
Loss rate: 2.52%
-- Flow 3:
Average throughput: 9.49 Mbit/s
95th percentile per-packet one-way delay: 113.129 ms
Loss rate: 8.59%

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

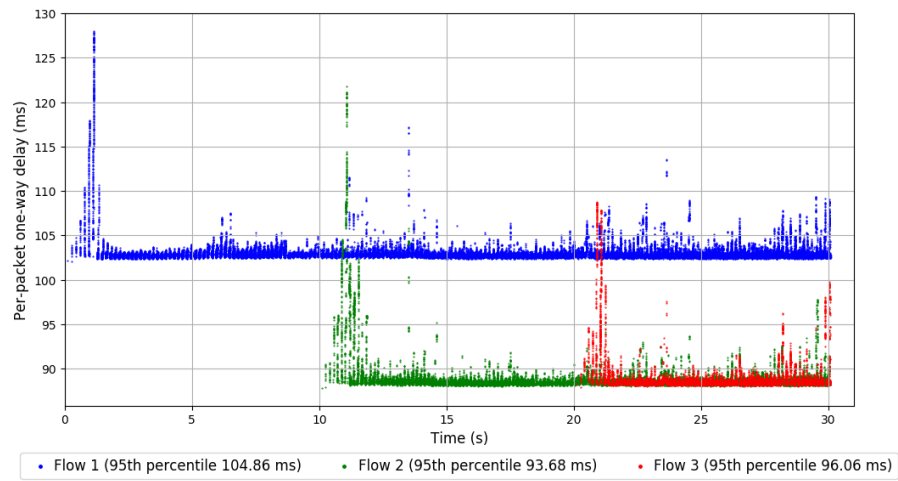
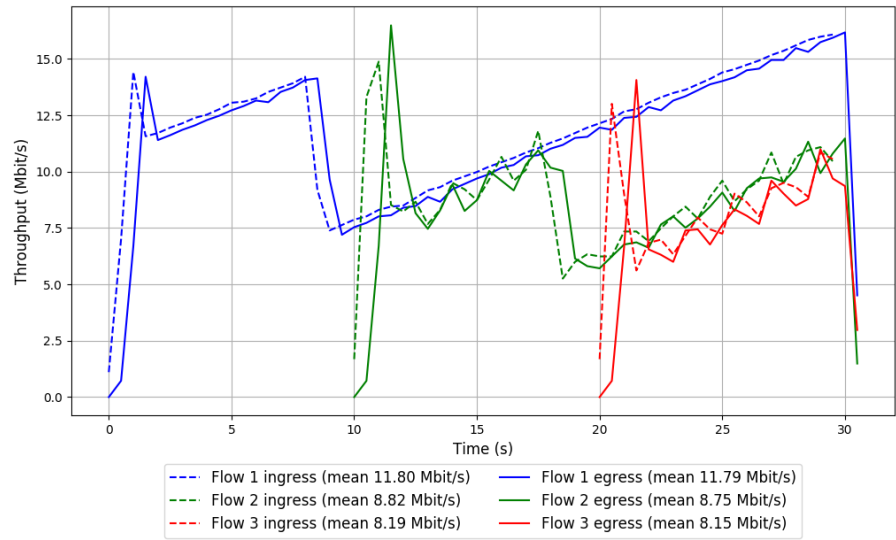


Run 1: Statistics of TCP Vegas

Start at: 2018-07-10 03:57:01
End at: 2018-07-10 03:57:31
Local clock offset: 0.554 ms
Remote clock offset: -0.849 ms

Below is generated by plot.py at 2018-07-10 07:46:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 20.33 Mbit/s
95th percentile per-packet one-way delay: 104.136 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 11.79 Mbit/s
95th percentile per-packet one-way delay: 104.859 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 8.75 Mbit/s
95th percentile per-packet one-way delay: 93.684 ms
Loss rate: 0.81%
-- Flow 3:
Average throughput: 8.15 Mbit/s
95th percentile per-packet one-way delay: 96.055 ms
Loss rate: 0.48%

Run 1: Report of TCP Vegas — Data Link

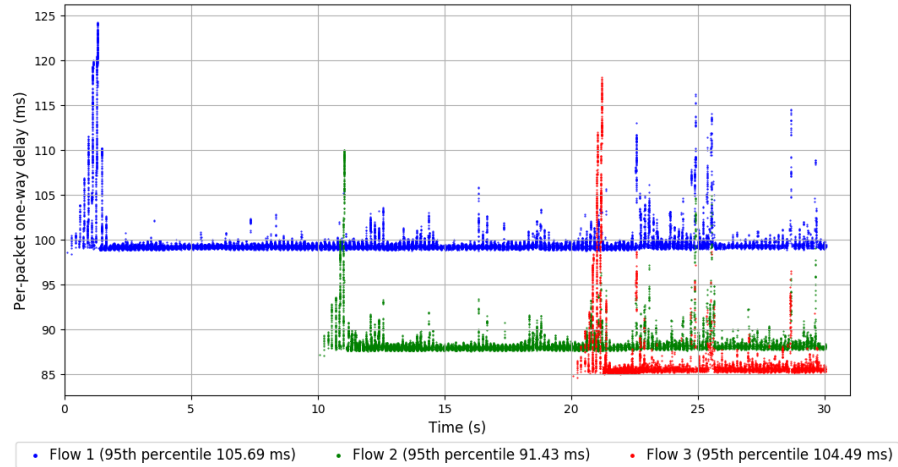
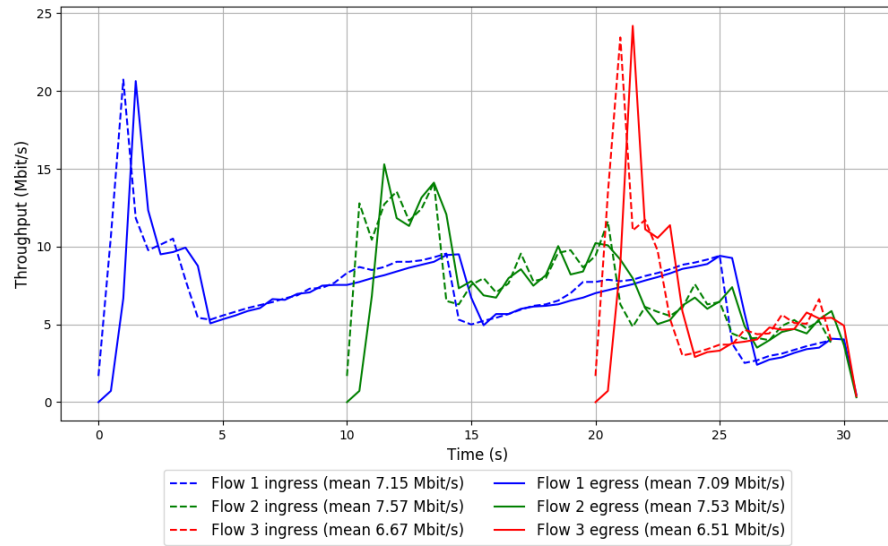


Run 2: Statistics of TCP Vegas

Start at: 2018-07-10 04:20:48
End at: 2018-07-10 04:21:18
Local clock offset: 0.529 ms
Remote clock offset: -0.761 ms

Below is generated by plot.py at 2018-07-10 07:46:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 14.27 Mbit/s
95th percentile per-packet one-way delay: 102.306 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 7.09 Mbit/s
95th percentile per-packet one-way delay: 105.688 ms
Loss rate: 0.88%
-- Flow 2:
Average throughput: 7.53 Mbit/s
95th percentile per-packet one-way delay: 91.428 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 6.51 Mbit/s
95th percentile per-packet one-way delay: 104.493 ms
Loss rate: 2.45%

Run 2: Report of TCP Vegas — Data Link

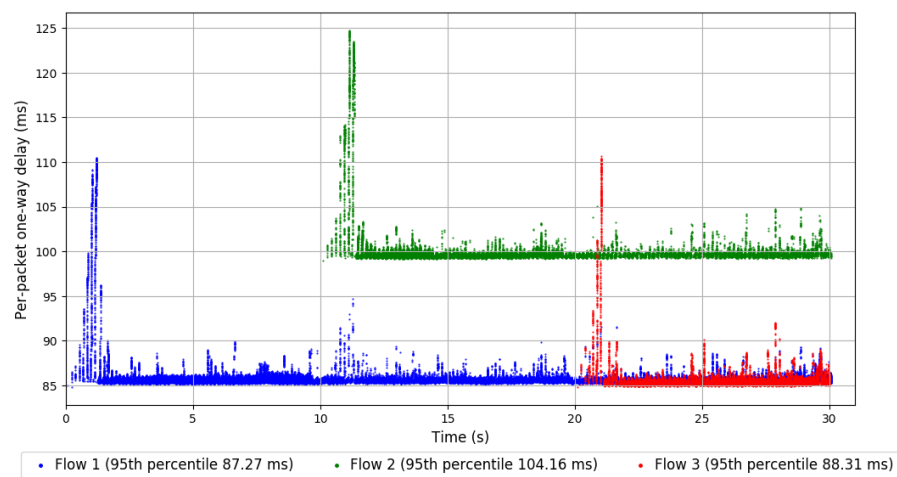
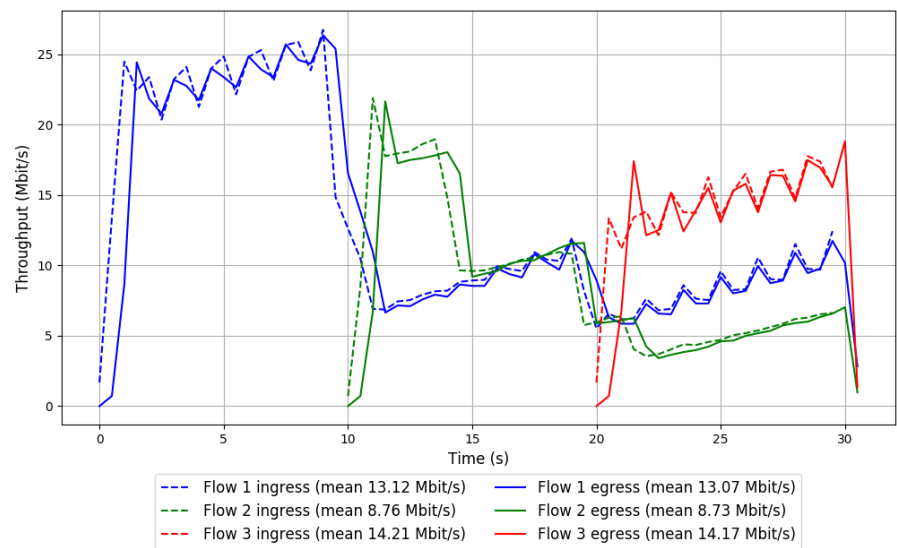


Run 3: Statistics of TCP Vegas

Start at: 2018-07-10 04:44:31
End at: 2018-07-10 04:45:01
Local clock offset: 0.259 ms
Remote clock offset: -0.515 ms

Below is generated by plot.py at 2018-07-10 07:46:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 23.58 Mbit/s
95th percentile per-packet one-way delay: 100.248 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 13.07 Mbit/s
95th percentile per-packet one-way delay: 87.265 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 8.73 Mbit/s
95th percentile per-packet one-way delay: 104.164 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 14.17 Mbit/s
95th percentile per-packet one-way delay: 88.314 ms
Loss rate: 0.28%

Run 3: Report of TCP Vegas — Data Link

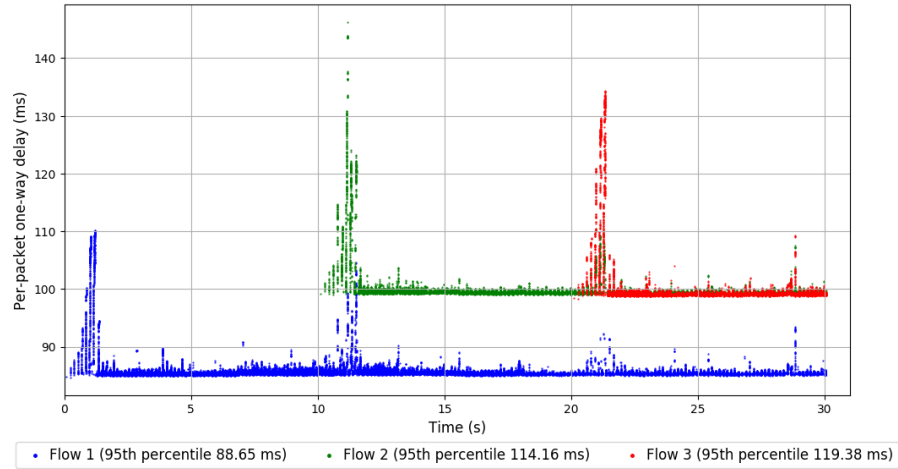
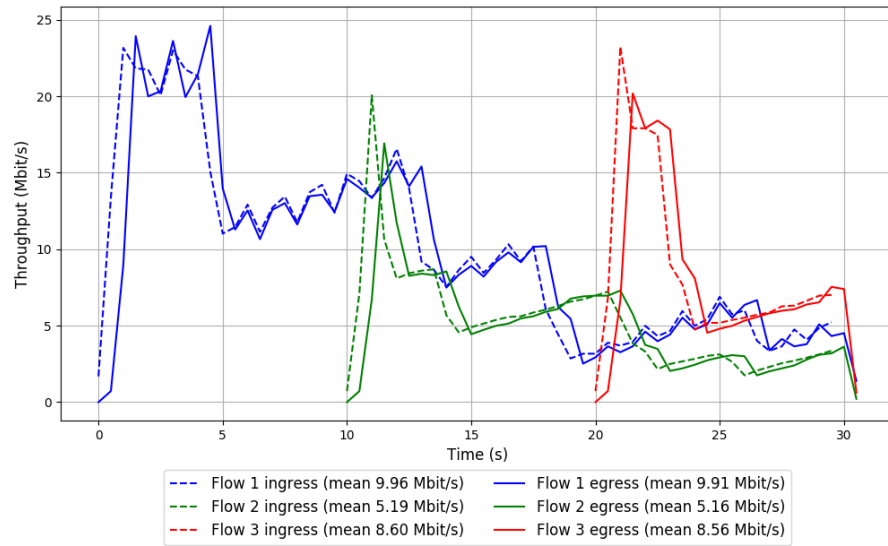


Run 4: Statistics of TCP Vegas

Start at: 2018-07-10 05:08:14
End at: 2018-07-10 05:08:44
Local clock offset: 0.201 ms
Remote clock offset: -0.175 ms

Below is generated by plot.py at 2018-07-10 07:46:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 16.17 Mbit/s
95th percentile per-packet one-way delay: 103.652 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 9.91 Mbit/s
95th percentile per-packet one-way delay: 88.649 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 5.16 Mbit/s
95th percentile per-packet one-way delay: 114.155 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 8.56 Mbit/s
95th percentile per-packet one-way delay: 119.378 ms
Loss rate: 0.46%

Run 4: Report of TCP Vegas — Data Link

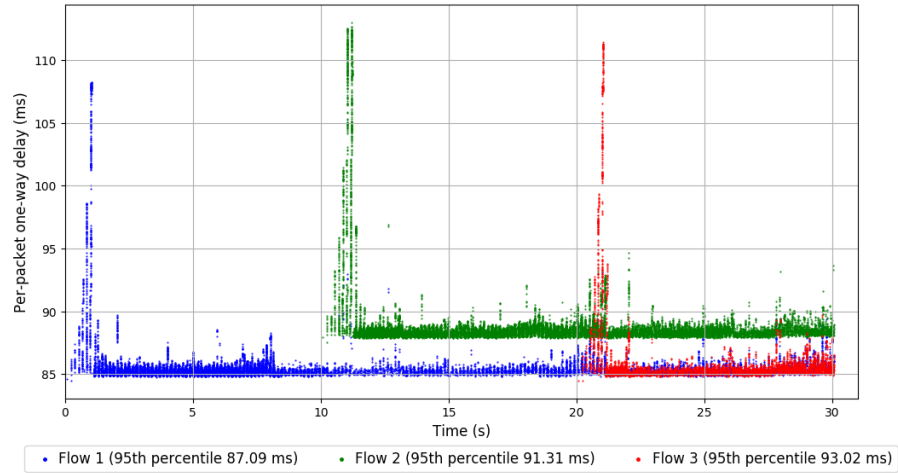
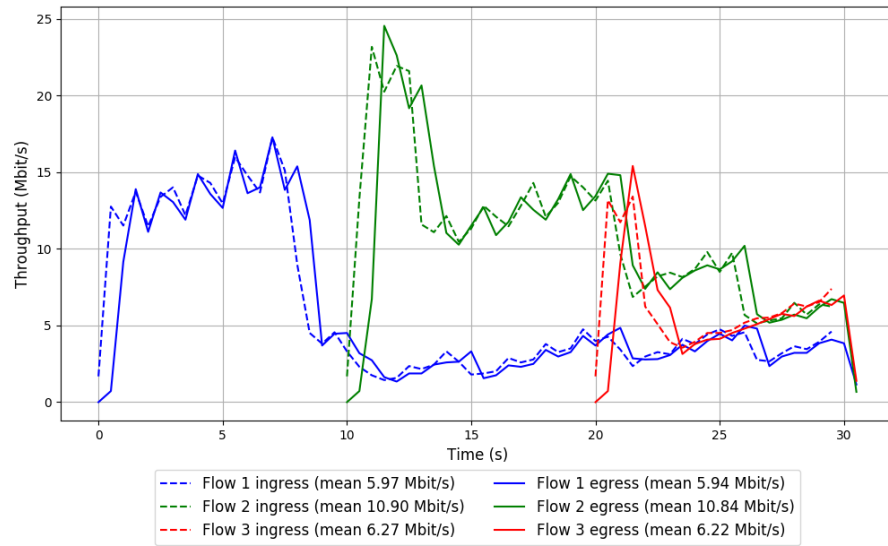


Run 5: Statistics of TCP Vegas

Start at: 2018-07-10 05:31:54
End at: 2018-07-10 05:32:24
Local clock offset: -0.119 ms
Remote clock offset: -0.053 ms

Below is generated by plot.py at 2018-07-10 07:46:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 15.24 Mbit/s
95th percentile per-packet one-way delay: 90.032 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 5.94 Mbit/s
95th percentile per-packet one-way delay: 87.093 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 10.84 Mbit/s
95th percentile per-packet one-way delay: 91.305 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 6.22 Mbit/s
95th percentile per-packet one-way delay: 93.021 ms
Loss rate: 0.77%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2018-07-10 05:55:39

End at: 2018-07-10 05:56:09

Local clock offset: -0.457 ms

Remote clock offset: 0.095 ms

Below is generated by plot.py at 2018-07-10 07:46:21

Datalink statistics

-- Total of 3 flows:

Average throughput: 13.30 Mbit/s

95th percentile per-packet one-way delay: 100.442 ms

Loss rate: 0.53%

-- Flow 1:

Average throughput: 5.87 Mbit/s

95th percentile per-packet one-way delay: 86.571 ms

Loss rate: 0.09%

-- Flow 2:

Average throughput: 6.46 Mbit/s

95th percentile per-packet one-way delay: 102.485 ms

Loss rate: 0.09%

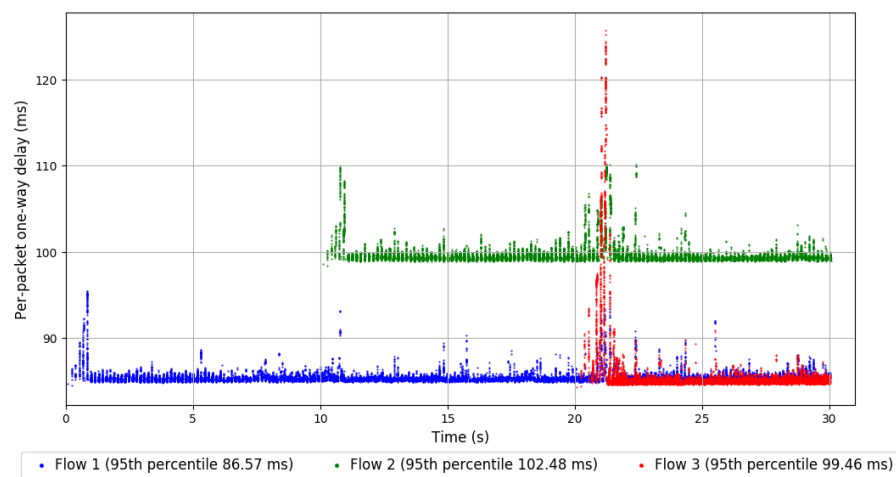
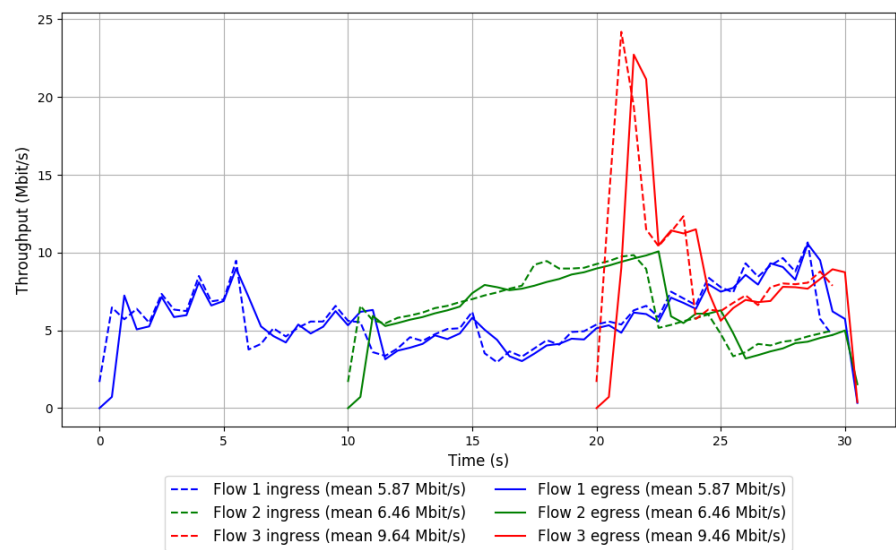
-- Flow 3:

Average throughput: 9.46 Mbit/s

95th percentile per-packet one-way delay: 99.463 ms

Loss rate: 1.92%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: 2018-07-10 06:19:25

End at: 2018-07-10 06:19:55

Local clock offset: -0.42 ms

Remote clock offset: 0.315 ms

Below is generated by plot.py at 2018-07-10 07:46:21

Datalink statistics

-- Total of 3 flows:

Average throughput: 17.03 Mbit/s

95th percentile per-packet one-way delay: 93.296 ms

Loss rate: 1.32%

-- Flow 1:

Average throughput: 7.91 Mbit/s

95th percentile per-packet one-way delay: 91.053 ms

Loss rate: 0.40%

-- Flow 2:

Average throughput: 7.61 Mbit/s

95th percentile per-packet one-way delay: 95.651 ms

Loss rate: 1.78%

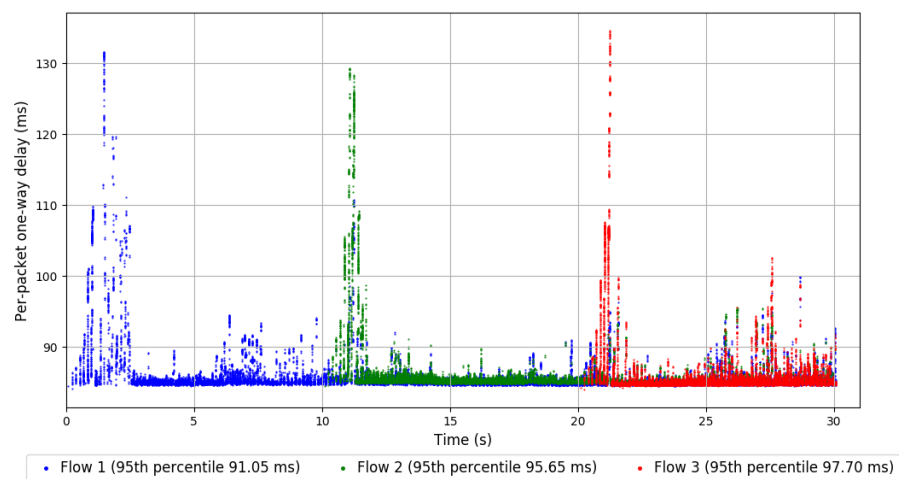
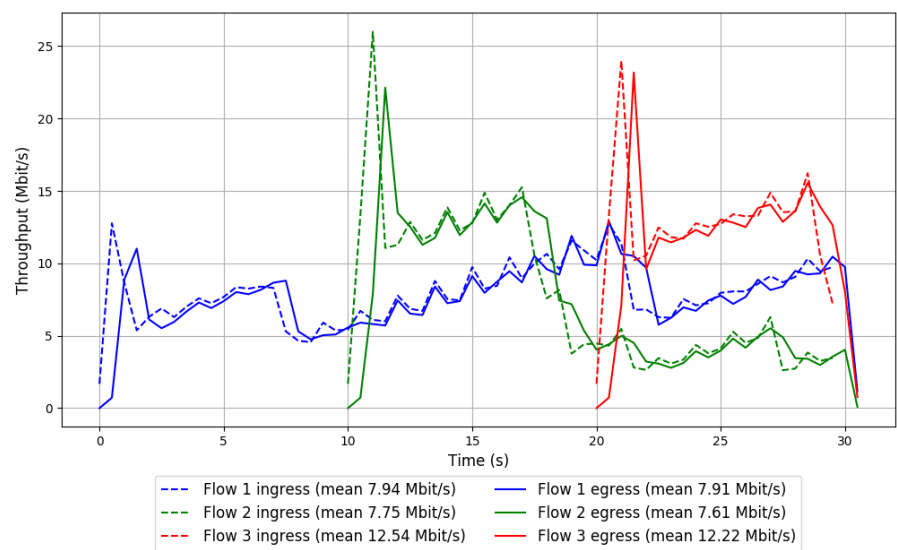
-- Flow 3:

Average throughput: 12.22 Mbit/s

95th percentile per-packet one-way delay: 97.701 ms

Loss rate: 2.48%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2018-07-10 06:43:06

End at: 2018-07-10 06:43:36

Local clock offset: -0.25 ms

Remote clock offset: 8.982 ms

Below is generated by plot.py at 2018-07-10 07:46:21

Datalink statistics

-- Total of 3 flows:

Average throughput: 17.71 Mbit/s

95th percentile per-packet one-way delay: 103.606 ms

Loss rate: 0.43%

-- Flow 1:

Average throughput: 7.27 Mbit/s

95th percentile per-packet one-way delay: 87.080 ms

Loss rate: 0.24%

-- Flow 2:

Average throughput: 10.50 Mbit/s

95th percentile per-packet one-way delay: 106.186 ms

Loss rate: 0.55%

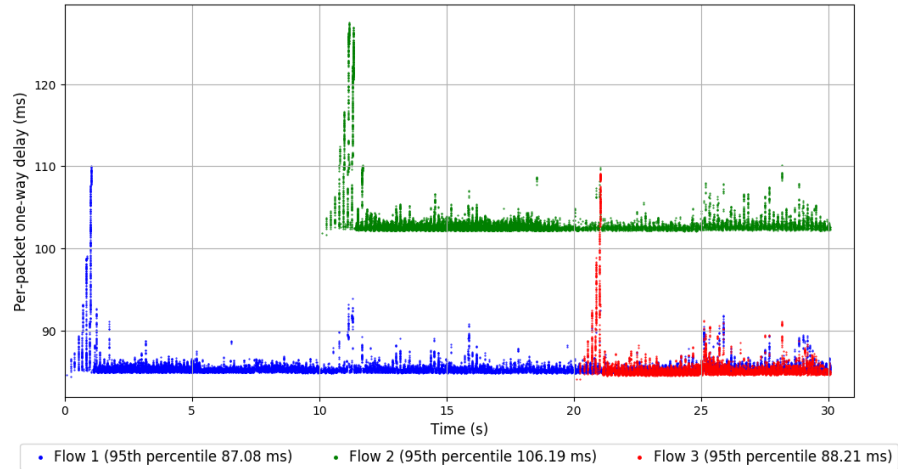
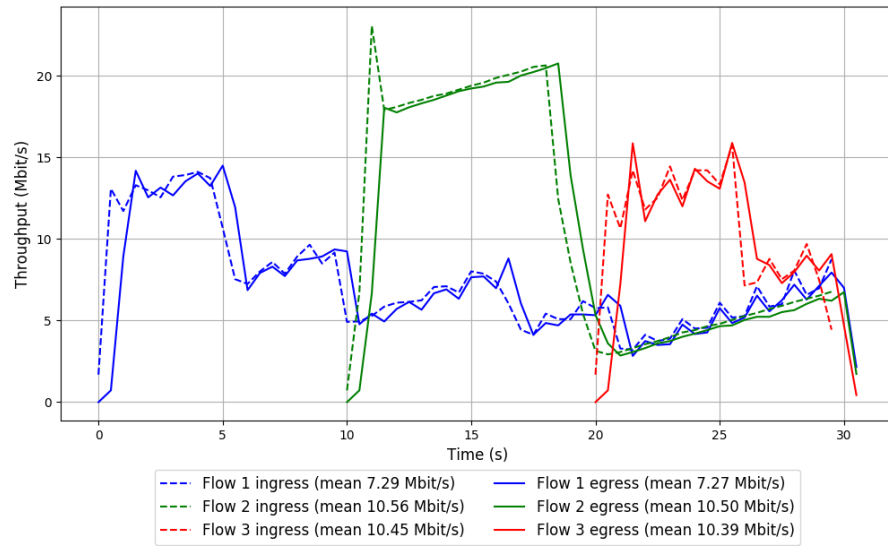
-- Flow 3:

Average throughput: 10.39 Mbit/s

95th percentile per-packet one-way delay: 88.208 ms

Loss rate: 0.59%

Run 8: Report of TCP Vegas — Data Link

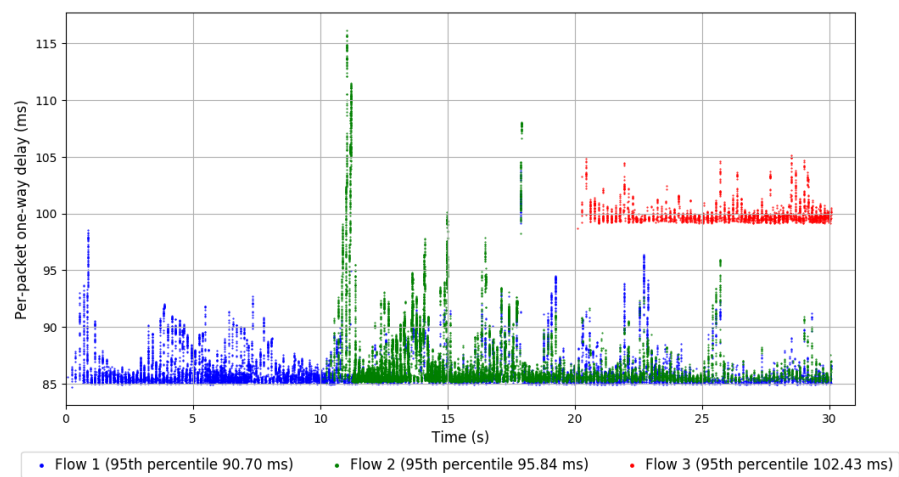
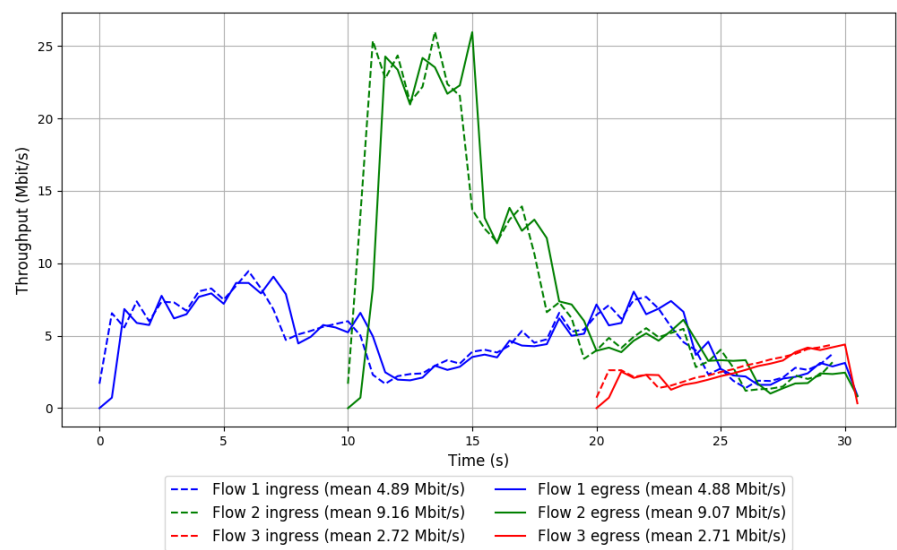


Run 9: Statistics of TCP Vegas

Start at: 2018-07-10 07:06:44
End at: 2018-07-10 07:07:14
Local clock offset: -0.168 ms
Remote clock offset: 13.995 ms

Below is generated by plot.py at 2018-07-10 07:46:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 11.82 Mbit/s
95th percentile per-packet one-way delay: 99.830 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 4.88 Mbit/s
95th percentile per-packet one-way delay: 90.704 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 9.07 Mbit/s
95th percentile per-packet one-way delay: 95.842 ms
Loss rate: 1.07%
-- Flow 3:
Average throughput: 2.71 Mbit/s
95th percentile per-packet one-way delay: 102.434 ms
Loss rate: 0.22%

Run 9: Report of TCP Vegas — Data Link

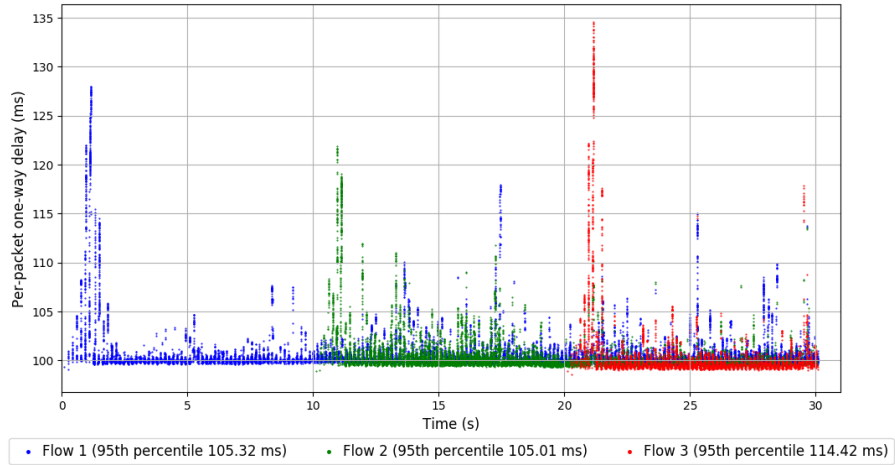
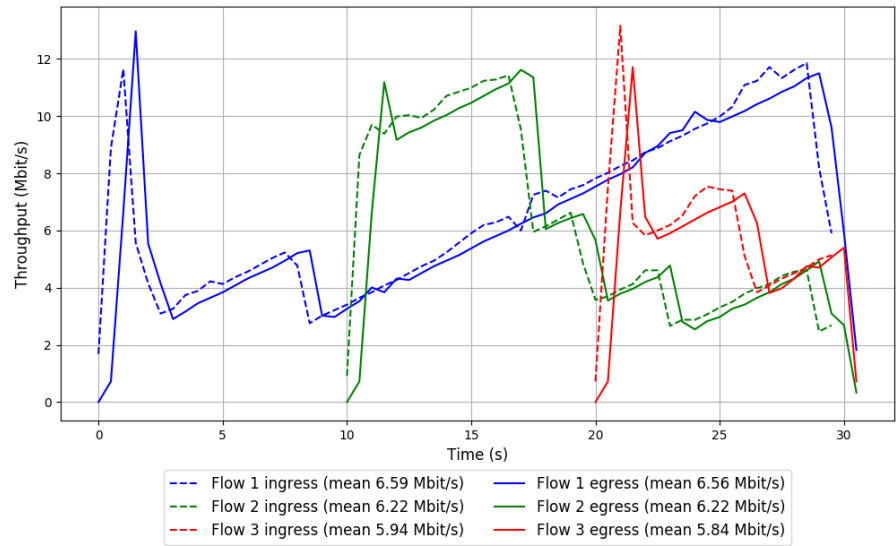


Run 10: Statistics of TCP Vegas

Start at: 2018-07-10 07:30:26
End at: 2018-07-10 07:30:56
Local clock offset: -0.309 ms
Remote clock offset: 17.703 ms

Below is generated by plot.py at 2018-07-10 07:46:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 12.64 Mbit/s
95th percentile per-packet one-way delay: 105.824 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 6.56 Mbit/s
95th percentile per-packet one-way delay: 105.322 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 6.22 Mbit/s
95th percentile per-packet one-way delay: 105.013 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 5.84 Mbit/s
95th percentile per-packet one-way delay: 114.425 ms
Loss rate: 1.64%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2018-07-10 03:37:31

End at: 2018-07-10 03:38:01

Local clock offset: 0.617 ms

Remote clock offset: -0.44 ms

Below is generated by plot.py at 2018-07-10 07:46:51

Datalink statistics

-- Total of 3 flows:

Average throughput: 24.81 Mbit/s

95th percentile per-packet one-way delay: 172.230 ms

Loss rate: 83.62%

-- Flow 1:

Average throughput: 11.24 Mbit/s

95th percentile per-packet one-way delay: 137.573 ms

Loss rate: 64.45%

-- Flow 2:

Average throughput: 18.29 Mbit/s

95th percentile per-packet one-way delay: 179.935 ms

Loss rate: 89.72%

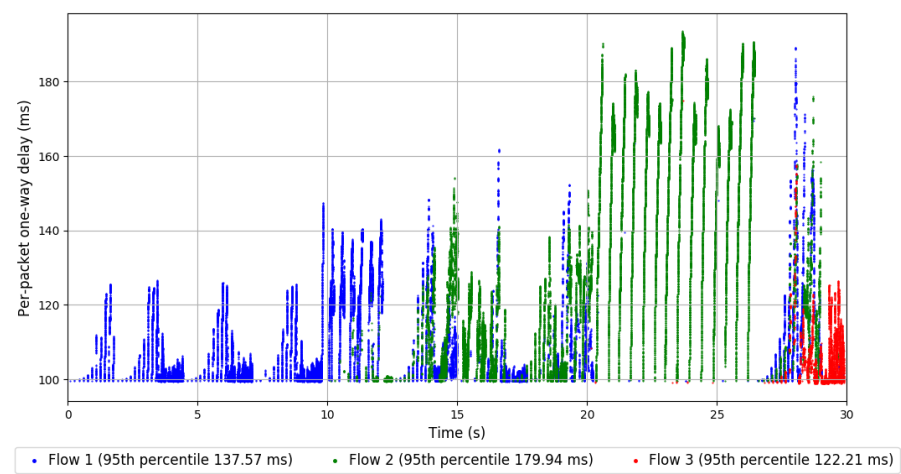
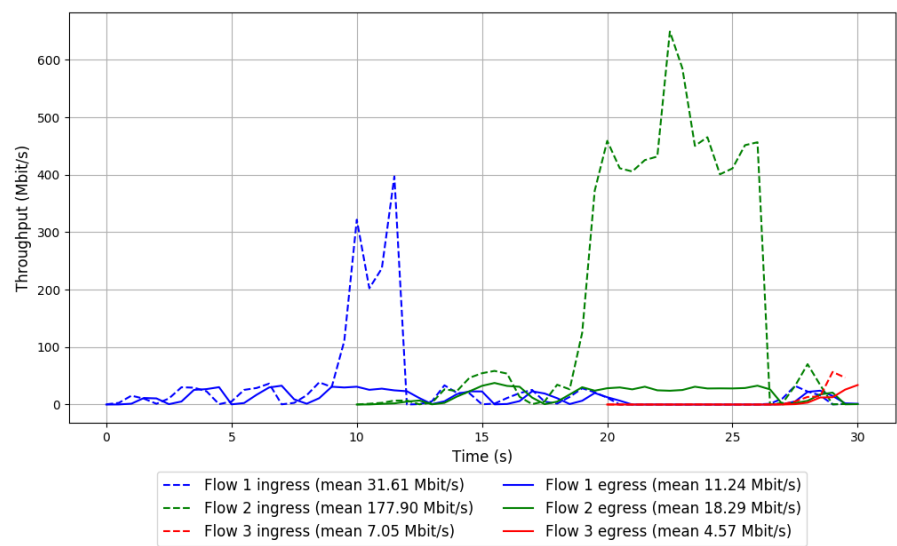
-- Flow 3:

Average throughput: 4.57 Mbit/s

95th percentile per-packet one-way delay: 122.213 ms

Loss rate: 35.15%

Run 1: Report of Verus — Data Link

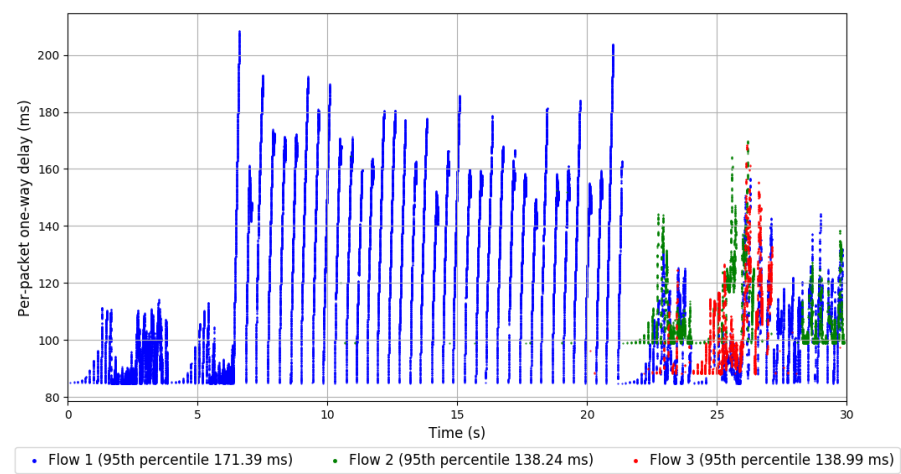
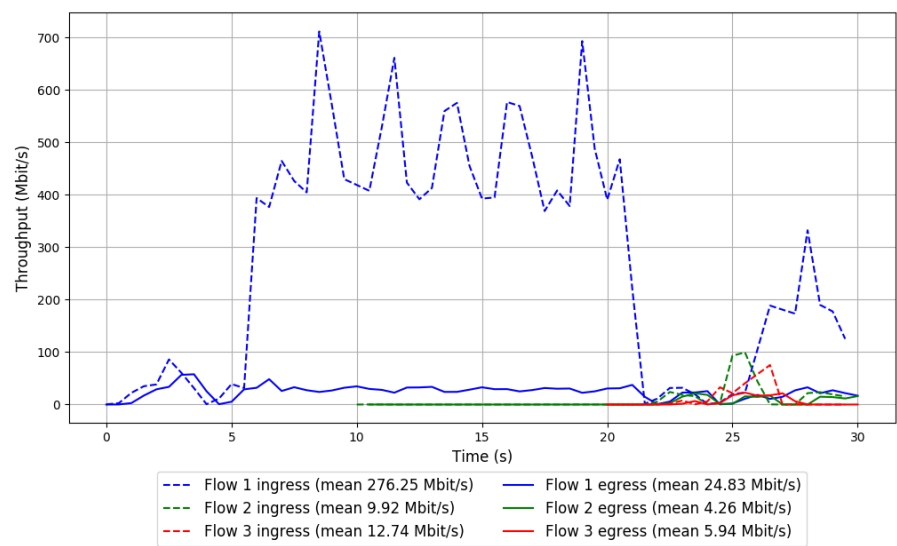


Run 2: Statistics of Verus

Start at: 2018-07-10 04:01:17
End at: 2018-07-10 04:01:47
Local clock offset: 0.679 ms
Remote clock offset: -0.918 ms

Below is generated by plot.py at 2018-07-10 07:47:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 29.46 Mbit/s
95th percentile per-packet one-way delay: 169.487 ms
Loss rate: 89.69%
-- Flow 1:
Average throughput: 24.83 Mbit/s
95th percentile per-packet one-way delay: 171.392 ms
Loss rate: 91.00%
-- Flow 2:
Average throughput: 4.26 Mbit/s
95th percentile per-packet one-way delay: 138.236 ms
Loss rate: 57.15%
-- Flow 3:
Average throughput: 5.94 Mbit/s
95th percentile per-packet one-way delay: 138.993 ms
Loss rate: 53.43%

Run 2: Report of Verus — Data Link

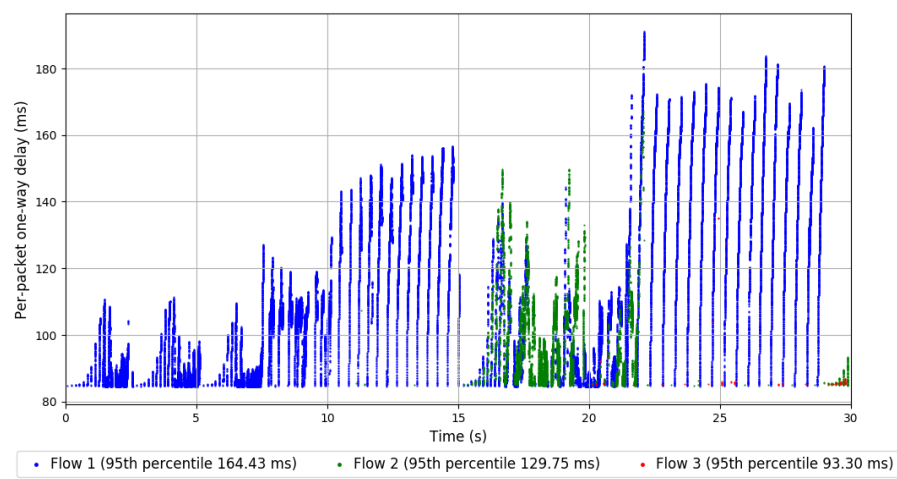
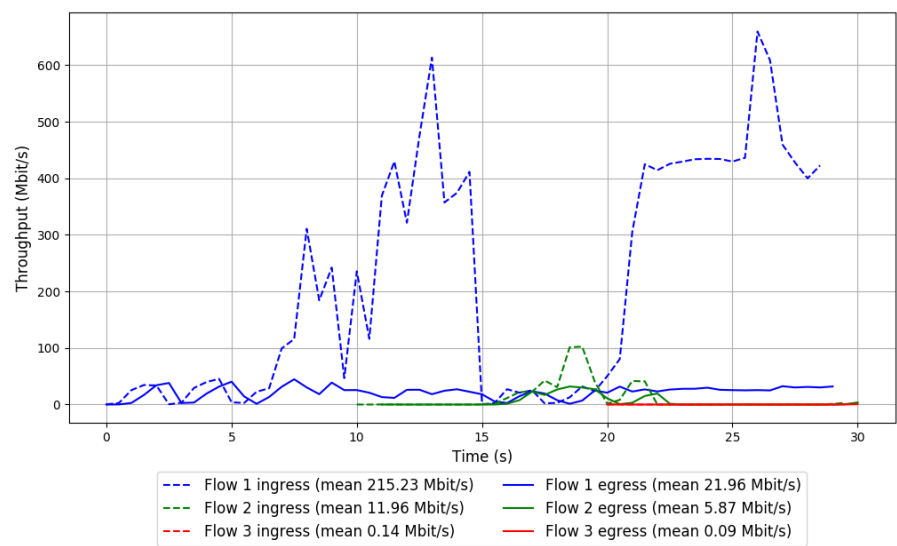


Run 3: Statistics of Verus

Start at: 2018-07-10 04:25:02
End at: 2018-07-10 04:25:32
Local clock offset: 0.576 ms
Remote clock offset: -0.703 ms

Below is generated by plot.py at 2018-07-10 07:47:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 25.01 Mbit/s
95th percentile per-packet one-way delay: 163.086 ms
Loss rate: 88.42%
-- Flow 1:
Average throughput: 21.96 Mbit/s
95th percentile per-packet one-way delay: 164.430 ms
Loss rate: 89.77%
-- Flow 2:
Average throughput: 5.87 Mbit/s
95th percentile per-packet one-way delay: 129.746 ms
Loss rate: 53.40%
-- Flow 3:
Average throughput: 0.09 Mbit/s
95th percentile per-packet one-way delay: 93.301 ms
Loss rate: 35.14%

Run 3: Report of Verus — Data Link

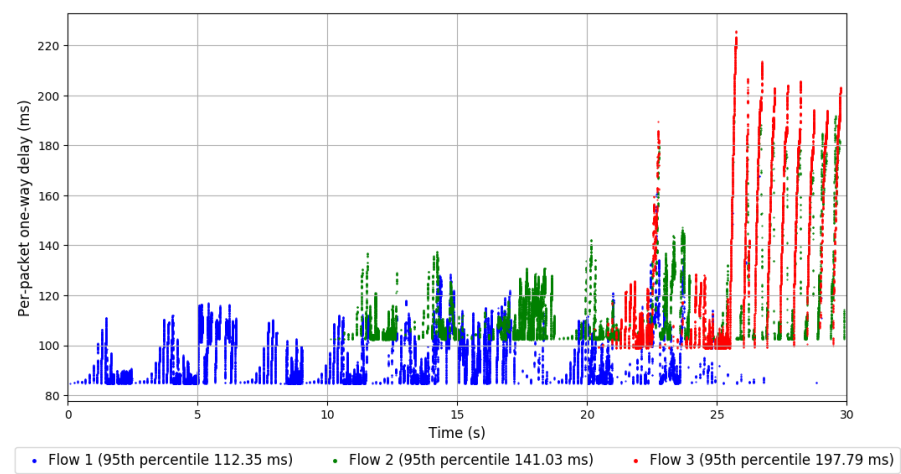
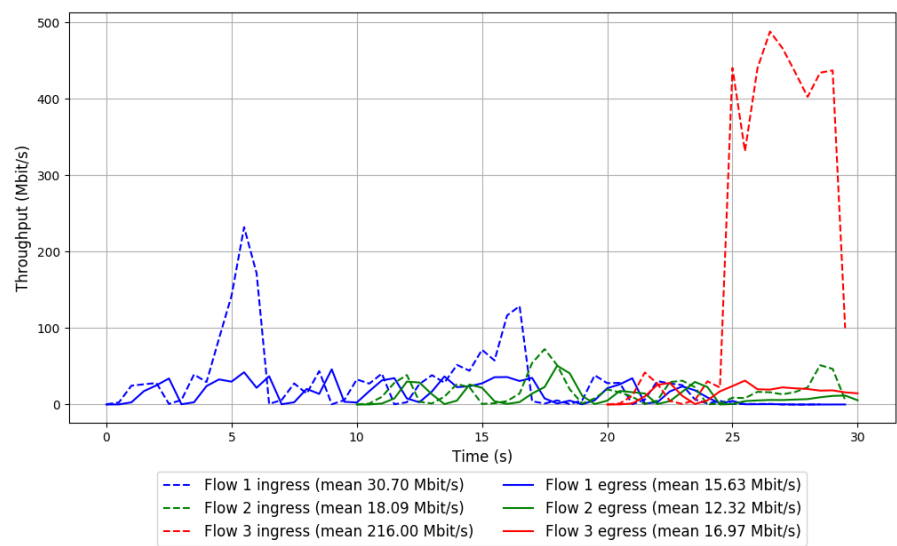


Run 4: Statistics of Verus

Start at: 2018-07-10 04:48:50
End at: 2018-07-10 04:49:20
Local clock offset: 0.243 ms
Remote clock offset: -0.492 ms

Below is generated by plot.py at 2018-07-10 07:47:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 28.84 Mbit/s
95th percentile per-packet one-way delay: 173.799 ms
Loss rate: 74.00%
-- Flow 1:
Average throughput: 15.63 Mbit/s
95th percentile per-packet one-way delay: 112.349 ms
Loss rate: 49.04%
-- Flow 2:
Average throughput: 12.32 Mbit/s
95th percentile per-packet one-way delay: 141.033 ms
Loss rate: 31.90%
-- Flow 3:
Average throughput: 16.97 Mbit/s
95th percentile per-packet one-way delay: 197.787 ms
Loss rate: 92.06%

Run 4: Report of Verus — Data Link

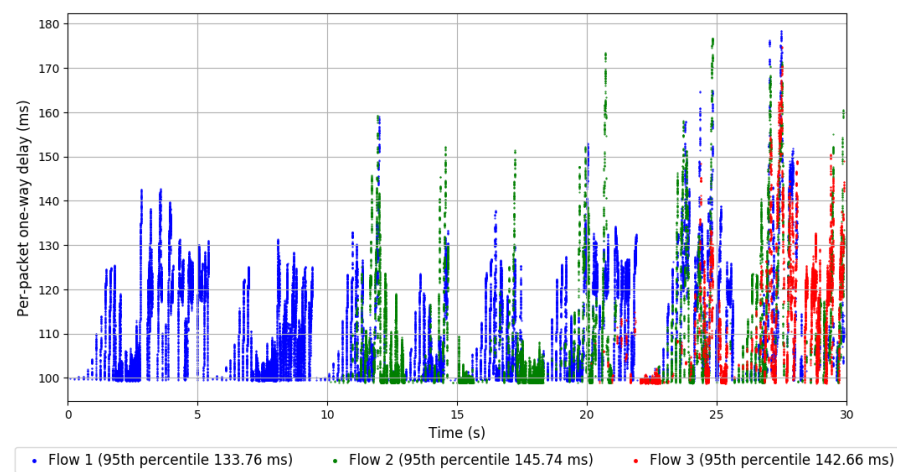
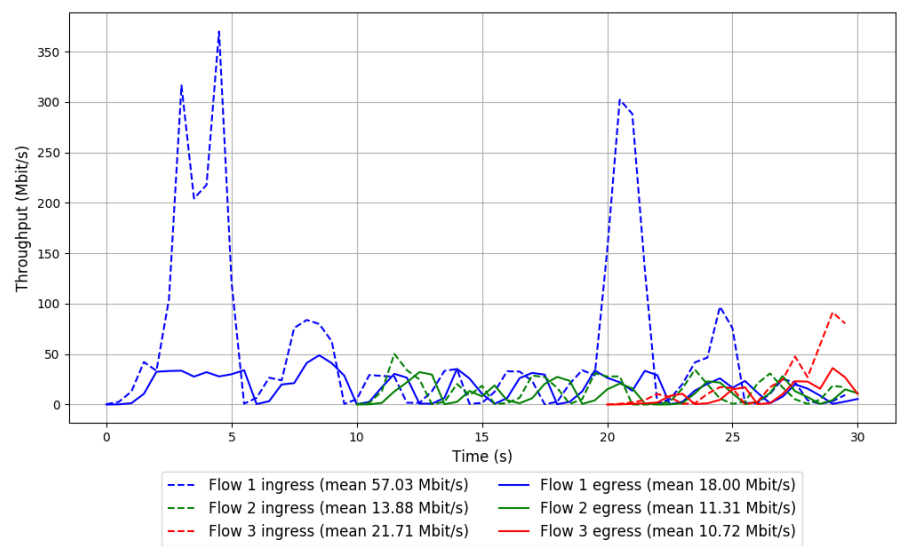


Run 5: Statistics of Verus

Start at: 2018-07-10 05:12:28
End at: 2018-07-10 05:12:58
Local clock offset: 0.071 ms
Remote clock offset: -0.117 ms

Below is generated by plot.py at 2018-07-10 07:47:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 29.00 Mbit/s
95th percentile per-packet one-way delay: 138.754 ms
Loss rate: 60.43%
-- Flow 1:
Average throughput: 18.00 Mbit/s
95th percentile per-packet one-way delay: 133.765 ms
Loss rate: 68.44%
-- Flow 2:
Average throughput: 11.31 Mbit/s
95th percentile per-packet one-way delay: 145.736 ms
Loss rate: 18.50%
-- Flow 3:
Average throughput: 10.72 Mbit/s
95th percentile per-packet one-way delay: 142.662 ms
Loss rate: 50.45%

Run 5: Report of Verus — Data Link

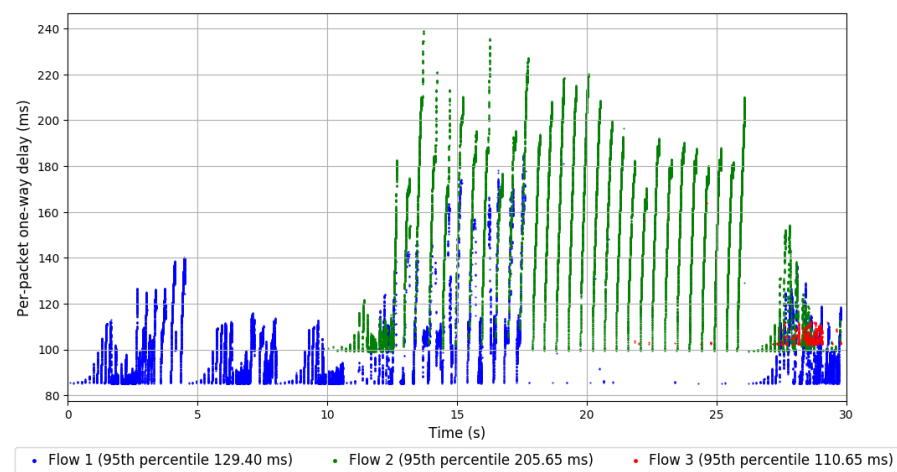
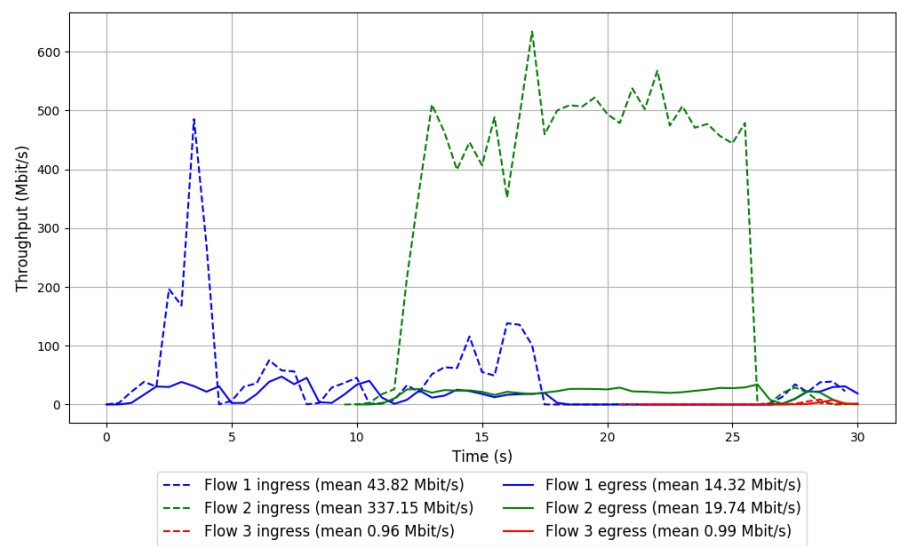


Run 6: Statistics of Verus

Start at: 2018-07-10 05:36:08
End at: 2018-07-10 05:36:38
Local clock offset: -0.328 ms
Remote clock offset: -0.083 ms

Below is generated by plot.py at 2018-07-10 07:47:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 27.68 Mbit/s
95th percentile per-packet one-way delay: 193.149 ms
Loss rate: 89.66%
-- Flow 1:
Average throughput: 14.32 Mbit/s
95th percentile per-packet one-way delay: 129.400 ms
Loss rate: 67.29%
-- Flow 2:
Average throughput: 19.74 Mbit/s
95th percentile per-packet one-way delay: 205.646 ms
Loss rate: 94.14%
-- Flow 3:
Average throughput: 0.99 Mbit/s
95th percentile per-packet one-way delay: 110.649 ms
Loss rate: 8.25%

Run 6: Report of Verus — Data Link

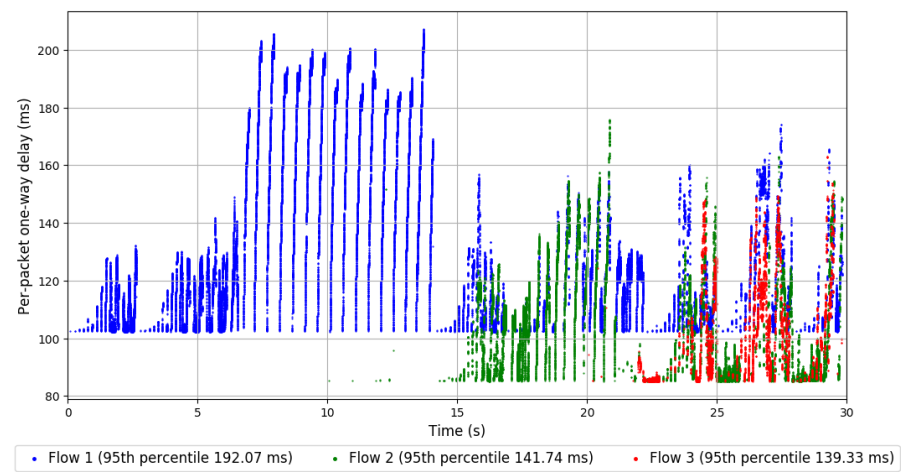
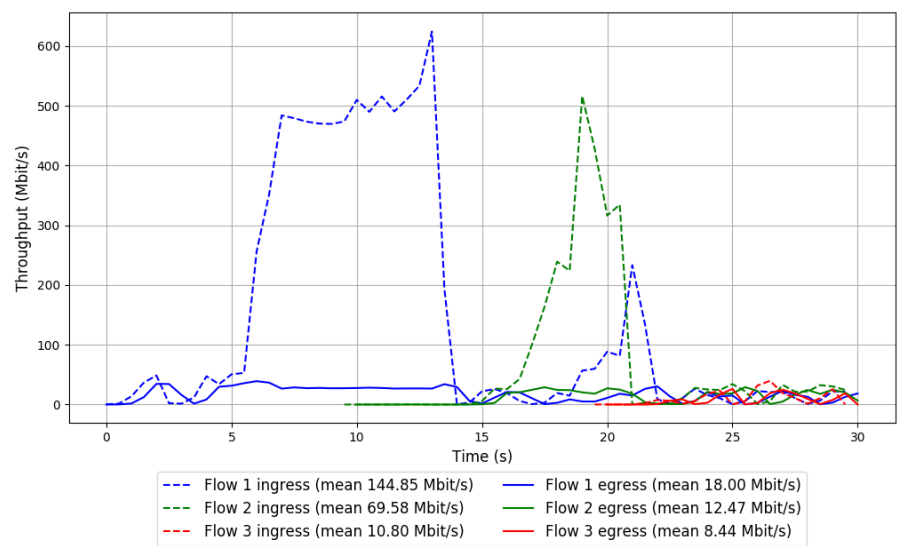


Run 7: Statistics of Verus

Start at: 2018-07-10 05:59:53
End at: 2018-07-10 06:00:23
Local clock offset: -0.599 ms
Remote clock offset: 0.069 ms

Below is generated by plot.py at 2018-07-10 07:47:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 29.05 Mbit/s
95th percentile per-packet one-way delay: 187.276 ms
Loss rate: 85.07%
-- Flow 1:
Average throughput: 18.00 Mbit/s
95th percentile per-packet one-way delay: 192.069 ms
Loss rate: 87.57%
-- Flow 2:
Average throughput: 12.47 Mbit/s
95th percentile per-packet one-way delay: 141.738 ms
Loss rate: 82.06%
-- Flow 3:
Average throughput: 8.44 Mbit/s
95th percentile per-packet one-way delay: 139.331 ms
Loss rate: 21.77%

Run 7: Report of Verus — Data Link

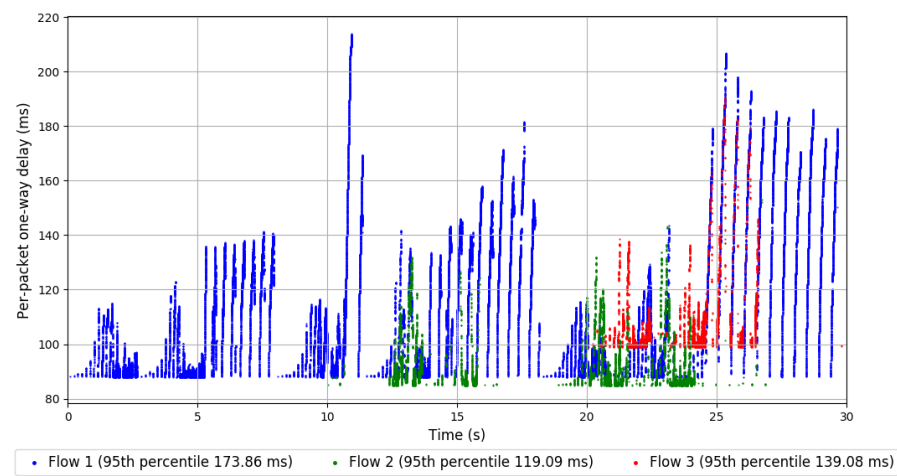
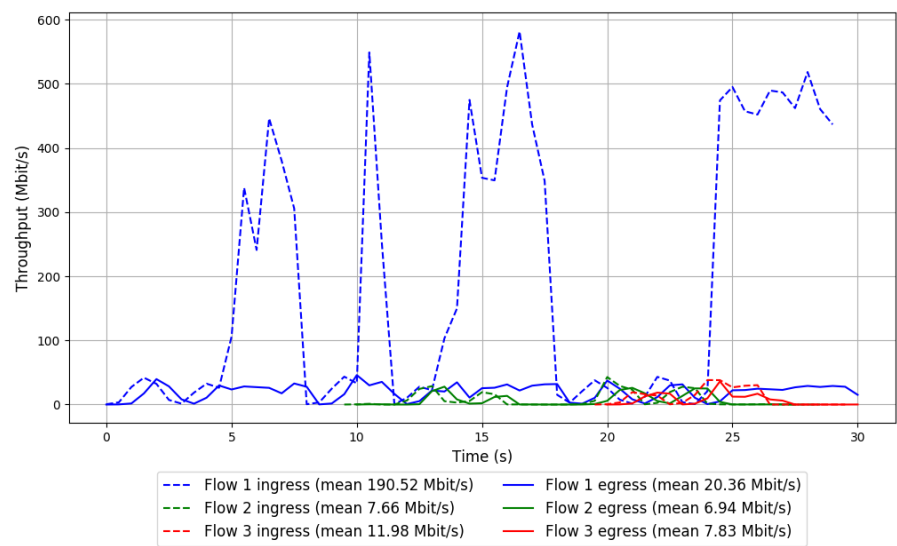


Run 8: Statistics of Verus

Start at: 2018-07-10 06:23:39
End at: 2018-07-10 06:24:09
Local clock offset: -0.396 ms
Remote clock offset: 0.41 ms

Below is generated by plot.py at 2018-07-10 07:47:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 26.80 Mbit/s
95th percentile per-packet one-way delay: 170.213 ms
Loss rate: 86.45%
-- Flow 1:
Average throughput: 20.36 Mbit/s
95th percentile per-packet one-way delay: 173.858 ms
Loss rate: 89.28%
-- Flow 2:
Average throughput: 6.94 Mbit/s
95th percentile per-packet one-way delay: 119.090 ms
Loss rate: 18.85%
-- Flow 3:
Average throughput: 7.83 Mbit/s
95th percentile per-packet one-way delay: 139.082 ms
Loss rate: 34.63%

Run 8: Report of Verus — Data Link

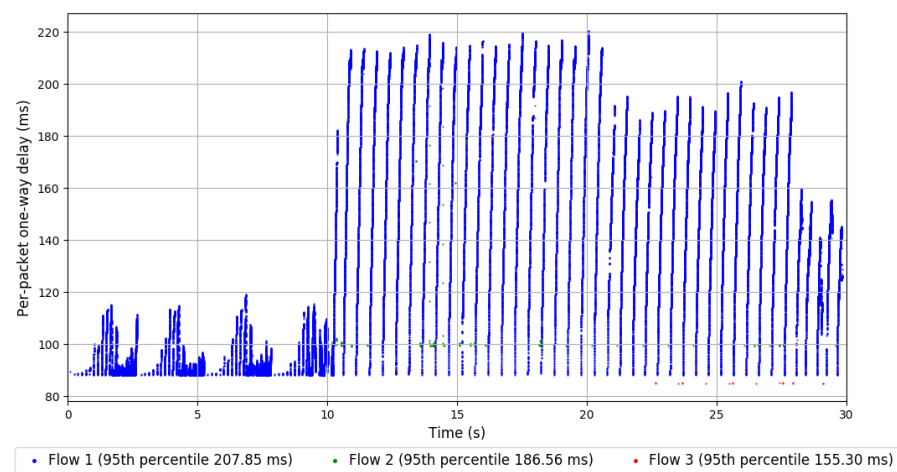
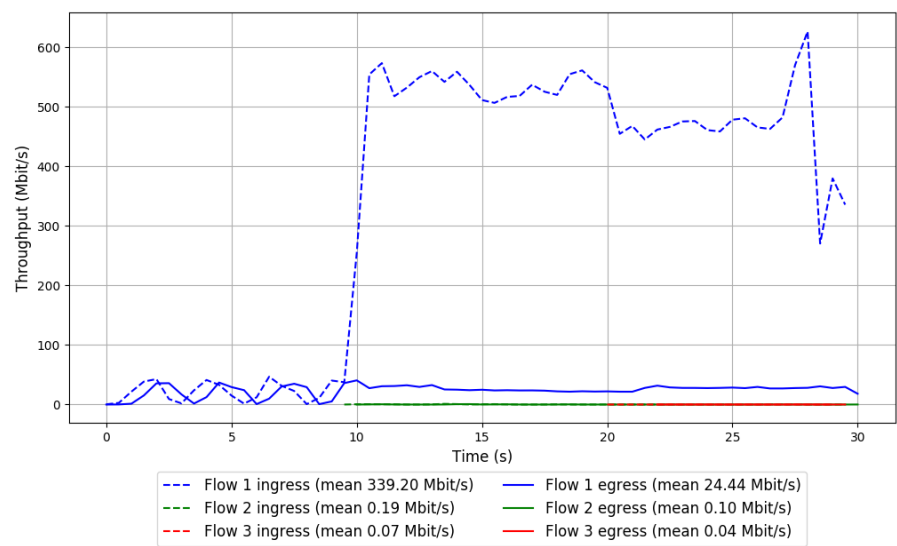


Run 9: Statistics of Verus

Start at: 2018-07-10 06:47:18
End at: 2018-07-10 06:47:48
Local clock offset: -0.351 ms
Remote clock offset: 10.137 ms

Below is generated by plot.py at 2018-07-10 07:48:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 24.51 Mbit/s
95th percentile per-packet one-way delay: 207.840 ms
Loss rate: 92.77%
-- Flow 1:
Average throughput: 24.44 Mbit/s
95th percentile per-packet one-way delay: 207.849 ms
Loss rate: 92.79%
-- Flow 2:
Average throughput: 0.10 Mbit/s
95th percentile per-packet one-way delay: 186.562 ms
Loss rate: 47.78%
-- Flow 3:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 155.297 ms
Loss rate: 59.18%

Run 9: Report of Verus — Data Link

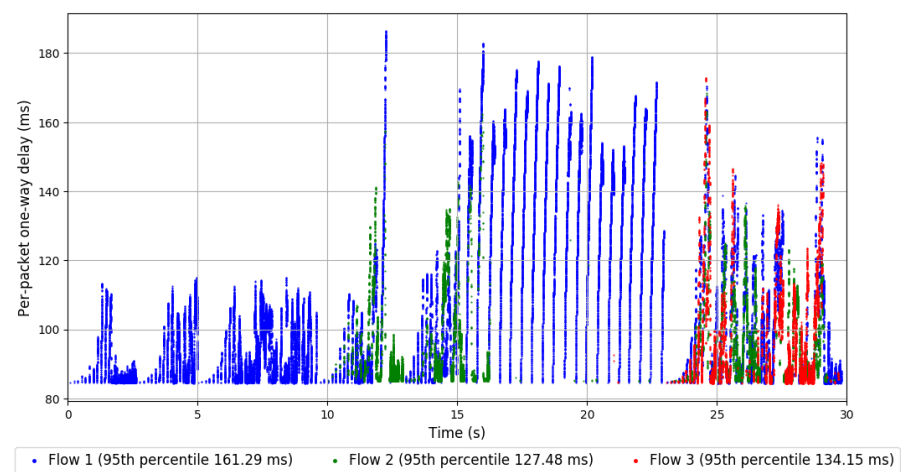
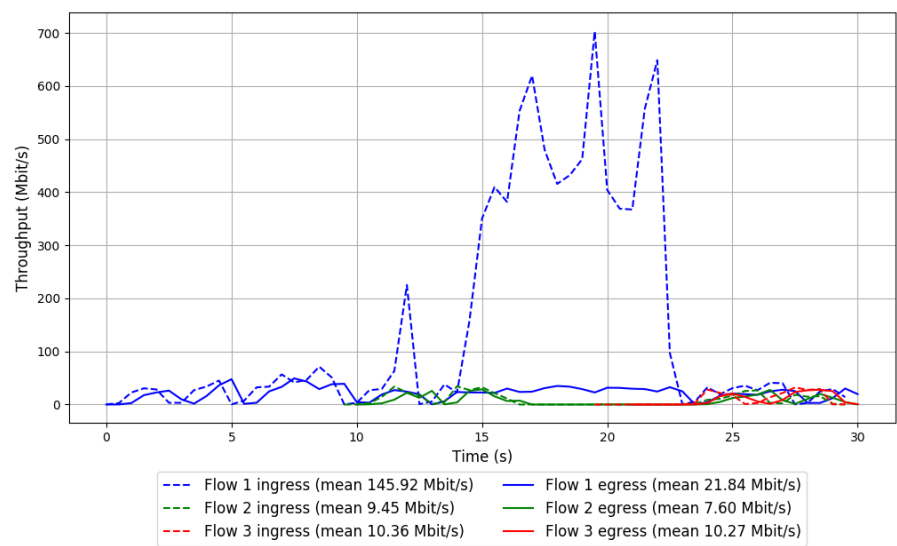


Run 10: Statistics of Verus

Start at: 2018-07-10 07:10:57
End at: 2018-07-10 07:11:27
Local clock offset: -0.05 ms
Remote clock offset: 14.598 ms

Below is generated by plot.py at 2018-07-10 07:48:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 29.86 Mbit/s
95th percentile per-packet one-way delay: 158.177 ms
Loss rate: 80.80%
-- Flow 1:
Average throughput: 21.84 Mbit/s
95th percentile per-packet one-way delay: 161.291 ms
Loss rate: 85.03%
-- Flow 2:
Average throughput: 7.60 Mbit/s
95th percentile per-packet one-way delay: 127.480 ms
Loss rate: 19.58%
-- Flow 3:
Average throughput: 10.27 Mbit/s
95th percentile per-packet one-way delay: 134.147 ms
Loss rate: 11.16%

Run 10: Report of Verus — Data Link



Run 1: Statistics of PCC-Vivace

Start at: 2018-07-10 03:58:23

End at: 2018-07-10 03:58:53

Local clock offset: 0.652 ms

Remote clock offset: -0.89 ms

Below is generated by plot.py at 2018-07-10 07:48:23

Datalink statistics

-- Total of 3 flows:

Average throughput: 46.23 Mbit/s

95th percentile per-packet one-way delay: 140.168 ms

Loss rate: 4.84%

-- Flow 1:

Average throughput: 37.48 Mbit/s

95th percentile per-packet one-way delay: 142.545 ms

Loss rate: 5.90%

-- Flow 2:

Average throughput: 9.07 Mbit/s

95th percentile per-packet one-way delay: 104.478 ms

Loss rate: 0.01%

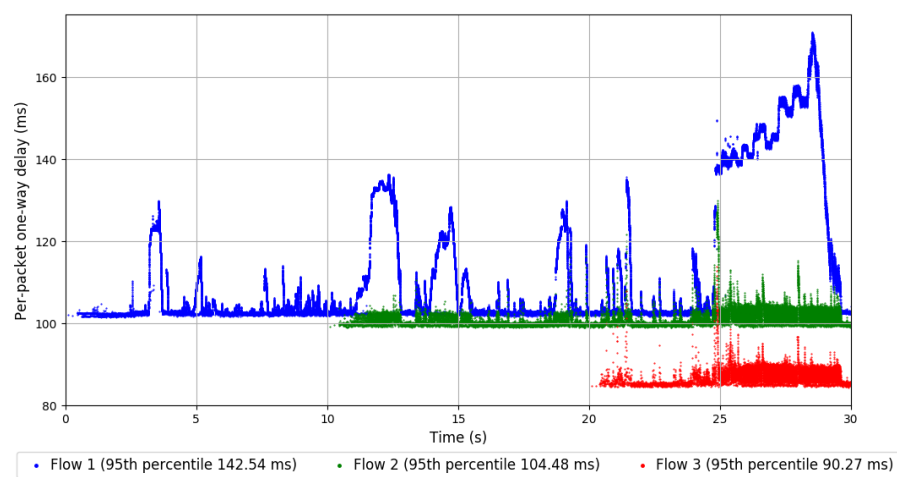
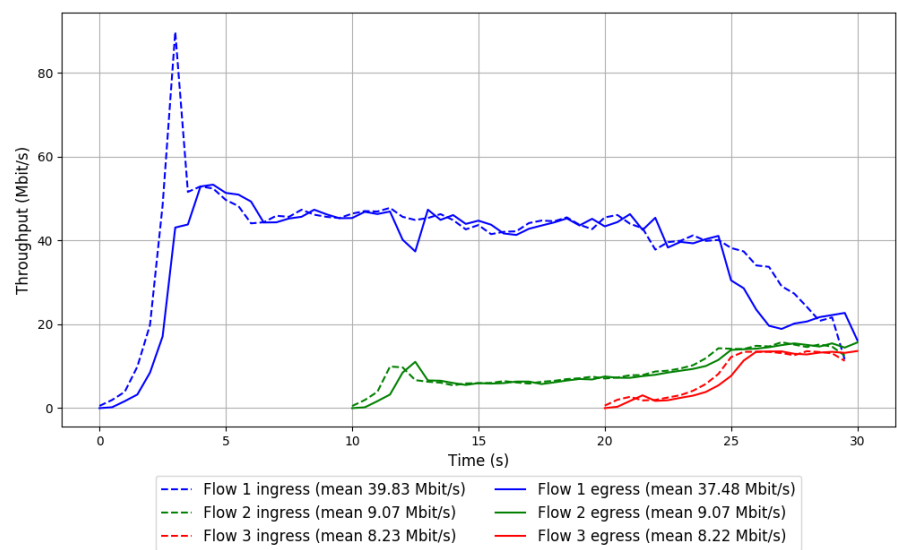
-- Flow 3:

Average throughput: 8.22 Mbit/s

95th percentile per-packet one-way delay: 90.269 ms

Loss rate: 0.04%

Run 1: Report of PCC-Vivace — Data Link

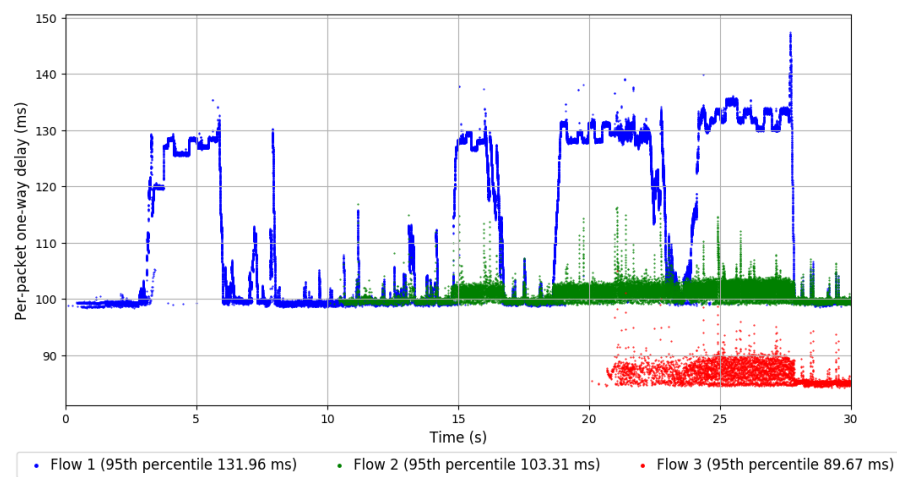
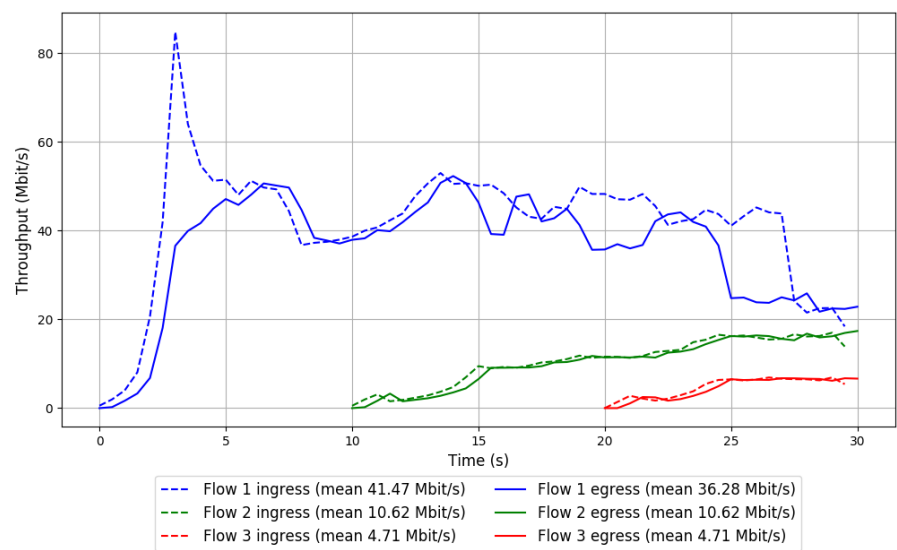


Run 2: Statistics of PCC-Vivace

Start at: 2018-07-10 04:22:09
End at: 2018-07-10 04:22:39
Local clock offset: 0.338 ms
Remote clock offset: -0.706 ms

Below is generated by plot.py at 2018-07-10 07:48:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 44.90 Mbit/s
95th percentile per-packet one-way delay: 131.572 ms
Loss rate: 10.37%
-- Flow 1:
Average throughput: 36.28 Mbit/s
95th percentile per-packet one-way delay: 131.963 ms
Loss rate: 12.52%
-- Flow 2:
Average throughput: 10.62 Mbit/s
95th percentile per-packet one-way delay: 103.312 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 4.71 Mbit/s
95th percentile per-packet one-way delay: 89.666 ms
Loss rate: 0.07%

Run 2: Report of PCC-Vivace — Data Link

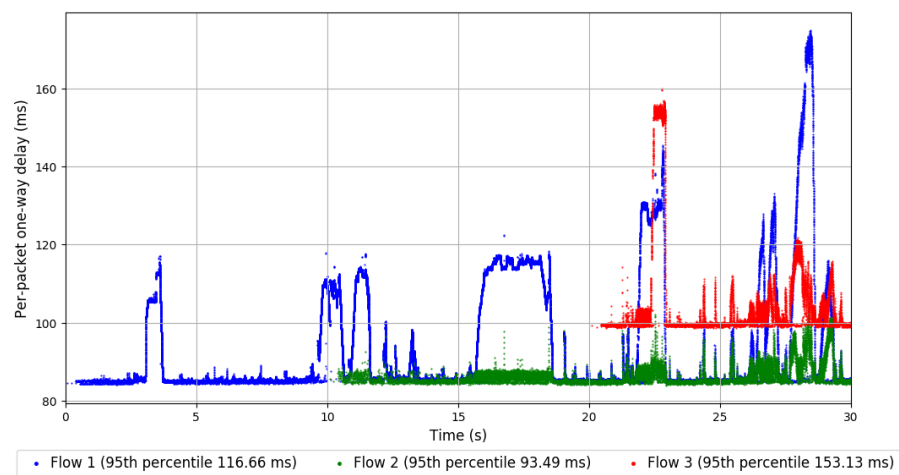
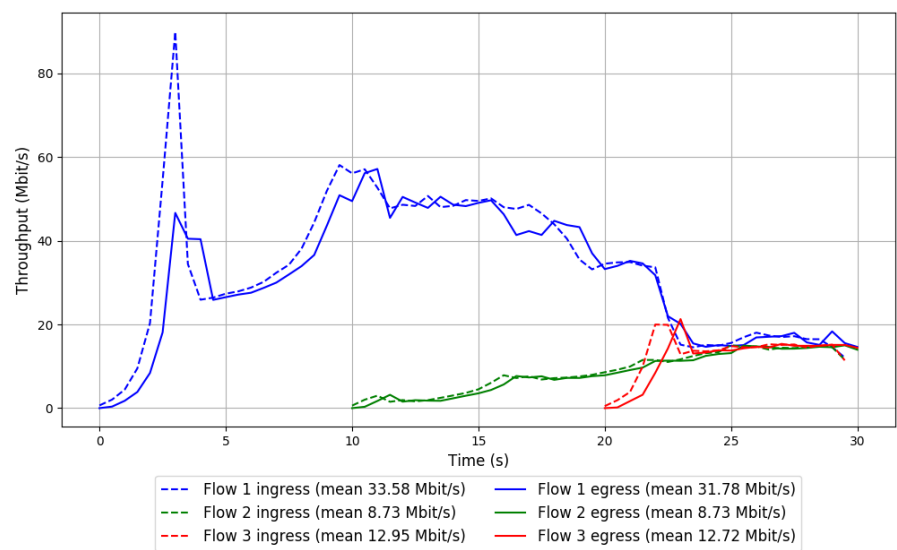


Run 3: Statistics of PCC-Vivace

Start at: 2018-07-10 04:45:53
End at: 2018-07-10 04:46:23
Local clock offset: 0.249 ms
Remote clock offset: -0.575 ms

Below is generated by plot.py at 2018-07-10 07:48:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 41.76 Mbit/s
95th percentile per-packet one-way delay: 116.576 ms
Loss rate: 4.31%
-- Flow 1:
Average throughput: 31.78 Mbit/s
95th percentile per-packet one-way delay: 116.656 ms
Loss rate: 5.37%
-- Flow 2:
Average throughput: 8.73 Mbit/s
95th percentile per-packet one-way delay: 93.494 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 12.72 Mbit/s
95th percentile per-packet one-way delay: 153.126 ms
Loss rate: 1.73%

Run 3: Report of PCC-Vivace — Data Link

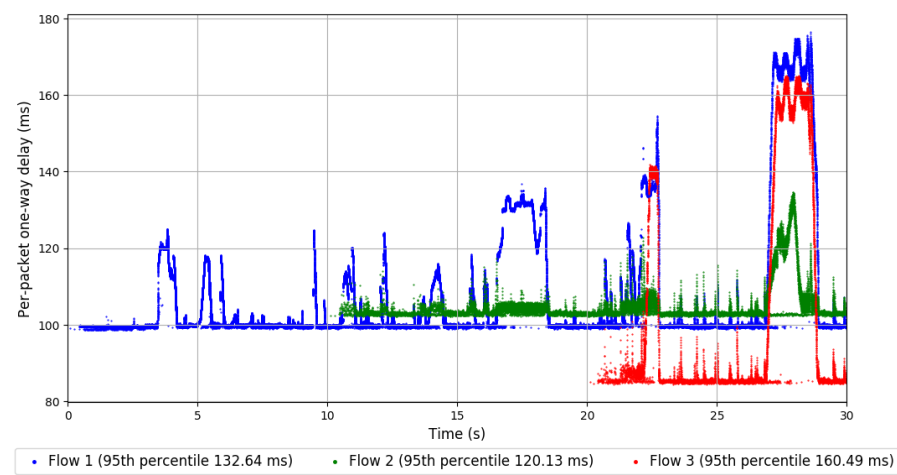
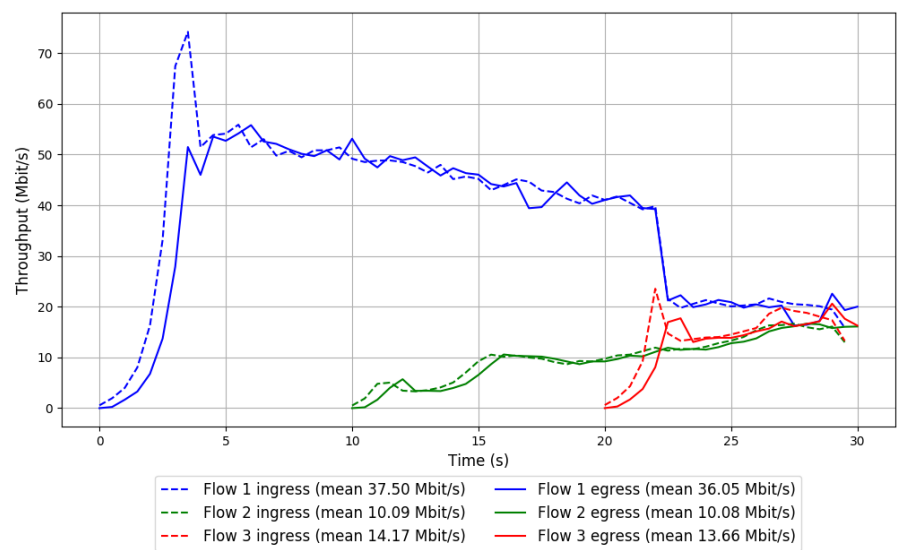


Run 4: Statistics of PCC-Vivace

Start at: 2018-07-10 05:09:35
End at: 2018-07-10 05:10:05
Local clock offset: -0.059 ms
Remote clock offset: -0.159 ms

Below is generated by plot.py at 2018-07-10 07:48:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 47.26 Mbit/s
95th percentile per-packet one-way delay: 135.794 ms
Loss rate: 3.32%
-- Flow 1:
Average throughput: 36.05 Mbit/s
95th percentile per-packet one-way delay: 132.636 ms
Loss rate: 3.86%
-- Flow 2:
Average throughput: 10.08 Mbit/s
95th percentile per-packet one-way delay: 120.128 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 13.66 Mbit/s
95th percentile per-packet one-way delay: 160.492 ms
Loss rate: 3.59%

Run 4: Report of PCC-Vivace — Data Link

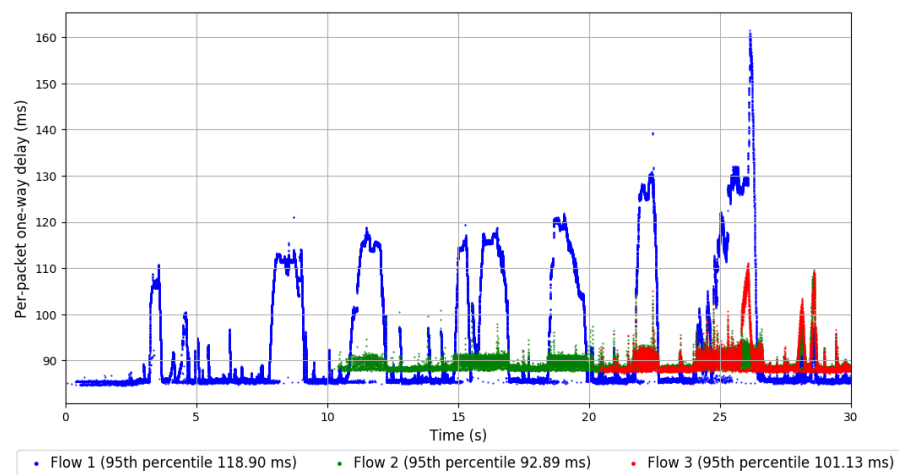
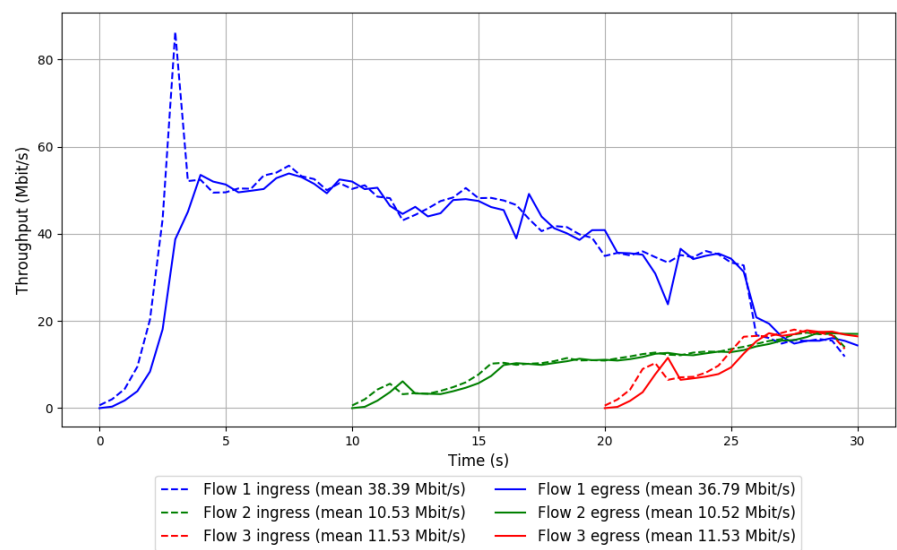


Run 5: Statistics of PCC-Vivace

Start at: 2018-07-10 05:33:16
End at: 2018-07-10 05:33:46
Local clock offset: -0.281 ms
Remote clock offset: -0.042 ms

Below is generated by plot.py at 2018-07-10 07:48:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 47.59 Mbit/s
95th percentile per-packet one-way delay: 116.869 ms
Loss rate: 3.26%
-- Flow 1:
Average throughput: 36.79 Mbit/s
95th percentile per-packet one-way delay: 118.897 ms
Loss rate: 4.18%
-- Flow 2:
Average throughput: 10.52 Mbit/s
95th percentile per-packet one-way delay: 92.885 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 11.53 Mbit/s
95th percentile per-packet one-way delay: 101.130 ms
Loss rate: 0.01%

Run 5: Report of PCC-Vivace — Data Link



Run 6: Statistics of PCC-Vivace

Start at: 2018-07-10 05:57:00

End at: 2018-07-10 05:57:30

Local clock offset: -0.462 ms

Remote clock offset: 0.047 ms

Below is generated by plot.py at 2018-07-10 07:48:23

Datalink statistics

-- Total of 3 flows:

Average throughput: 43.84 Mbit/s

95th percentile per-packet one-way delay: 125.966 ms

Loss rate: 2.96%

-- Flow 1:

Average throughput: 28.57 Mbit/s

95th percentile per-packet one-way delay: 125.870 ms

Loss rate: 4.29%

-- Flow 2:

Average throughput: 21.55 Mbit/s

95th percentile per-packet one-way delay: 128.924 ms

Loss rate: 0.39%

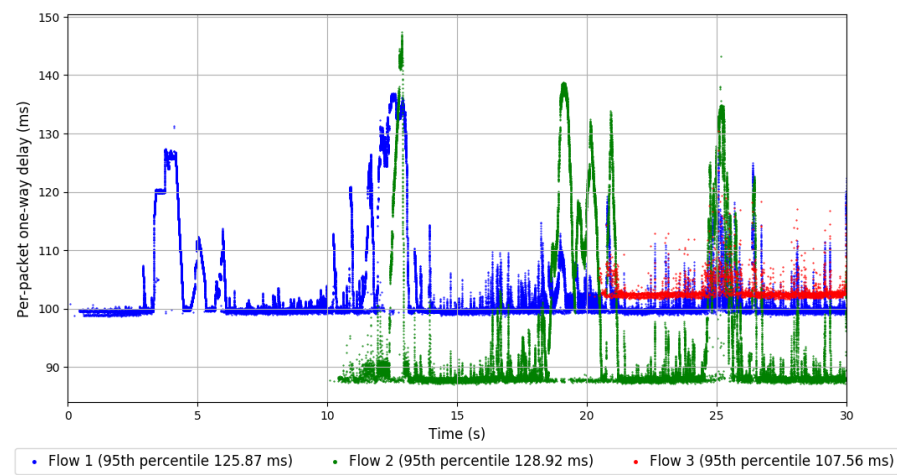
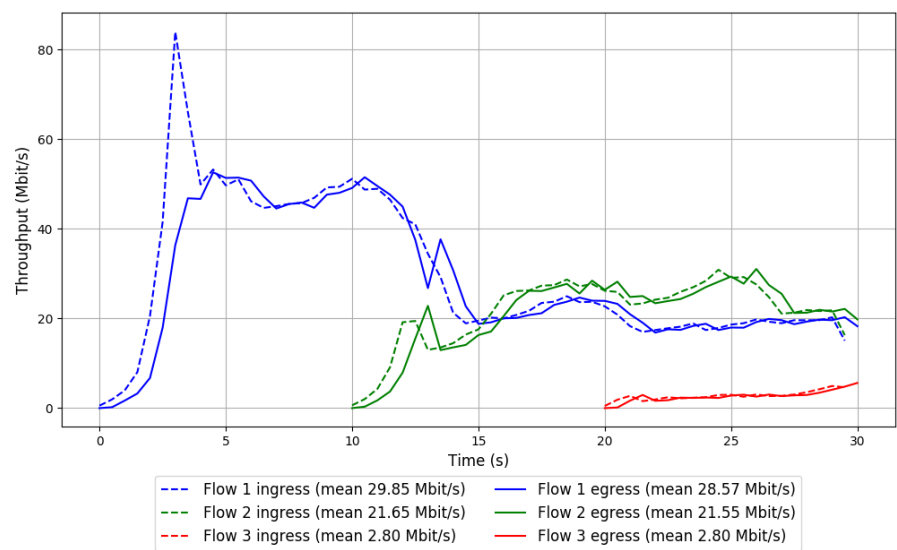
-- Flow 3:

Average throughput: 2.80 Mbit/s

95th percentile per-packet one-way delay: 107.561 ms

Loss rate: 0.08%

Run 6: Report of PCC-Vivace — Data Link



Run 7: Statistics of PCC-Vivace

Start at: 2018-07-10 06:20:47

End at: 2018-07-10 06:21:17

Local clock offset: -0.472 ms

Remote clock offset: 0.281 ms

Below is generated by plot.py at 2018-07-10 07:48:23

Datalink statistics

-- Total of 3 flows:

Average throughput: 43.45 Mbit/s

95th percentile per-packet one-way delay: 135.391 ms

Loss rate: 3.62%

-- Flow 1:

Average throughput: 31.44 Mbit/s

95th percentile per-packet one-way delay: 136.717 ms

Loss rate: 4.92%

-- Flow 2:

Average throughput: 16.51 Mbit/s

95th percentile per-packet one-way delay: 112.388 ms

Loss rate: 0.03%

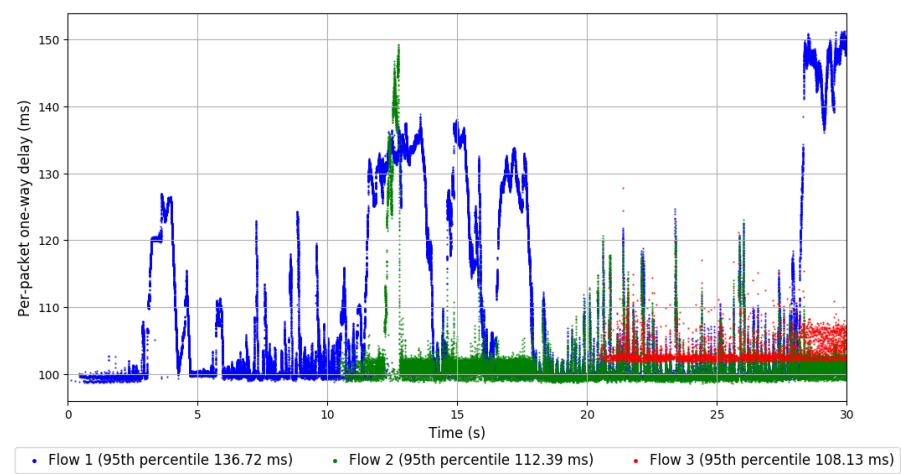
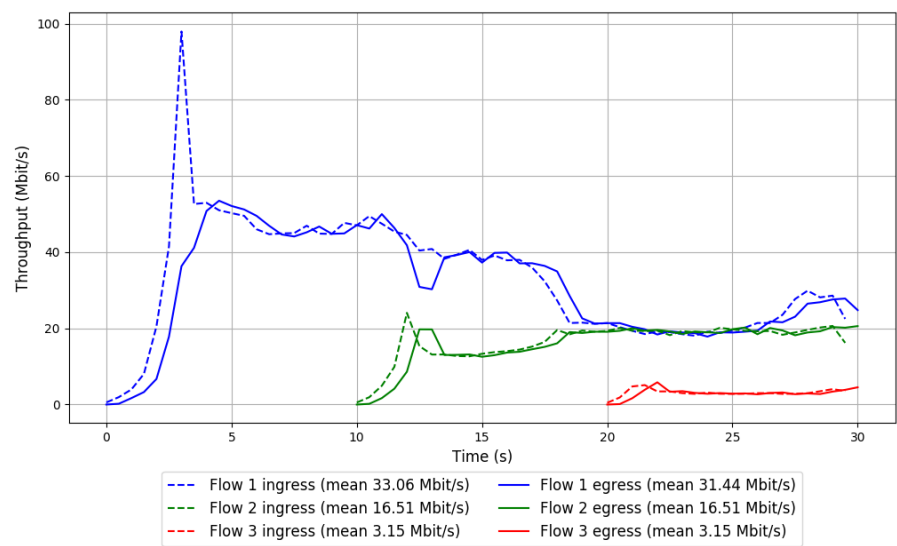
-- Flow 3:

Average throughput: 3.15 Mbit/s

95th percentile per-packet one-way delay: 108.129 ms

Loss rate: 0.08%

Run 7: Report of PCC-Vivace — Data Link



Run 8: Statistics of PCC-Vivace

Start at: 2018-07-10 06:44:28

End at: 2018-07-10 06:44:58

Local clock offset: -0.243 ms

Remote clock offset: 9.336 ms

Below is generated by plot.py at 2018-07-10 07:48:23

Datalink statistics

-- Total of 3 flows:

Average throughput: 39.78 Mbit/s

95th percentile per-packet one-way delay: 141.814 ms

Loss rate: 8.71%

-- Flow 1:

Average throughput: 28.19 Mbit/s

95th percentile per-packet one-way delay: 127.367 ms

Loss rate: 11.47%

-- Flow 2:

Average throughput: 16.51 Mbit/s

95th percentile per-packet one-way delay: 154.923 ms

Loss rate: 1.32%

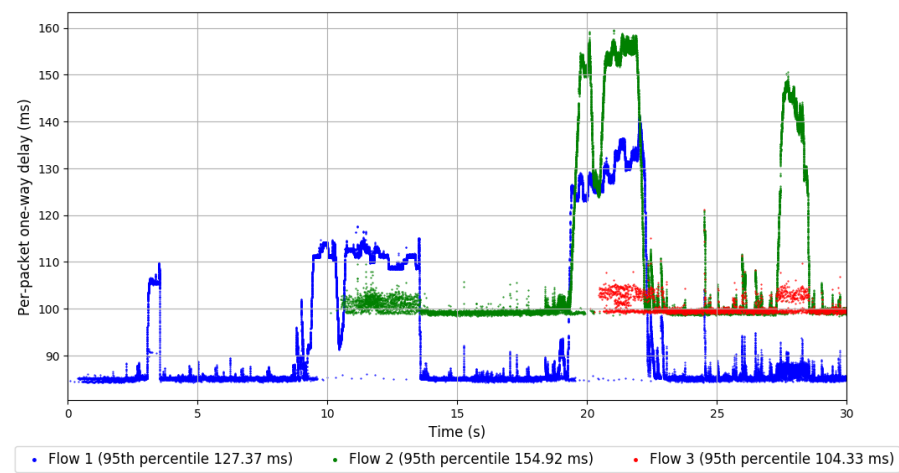
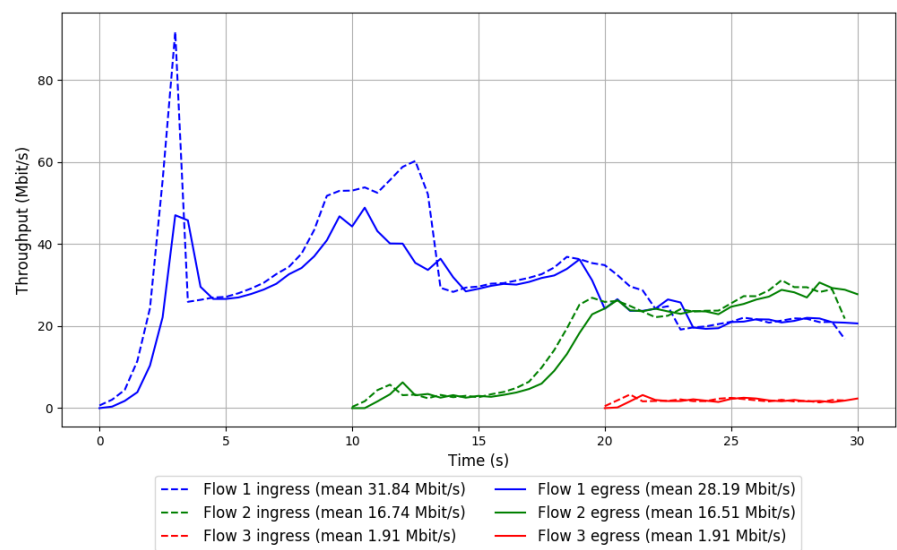
-- Flow 3:

Average throughput: 1.91 Mbit/s

95th percentile per-packet one-way delay: 104.335 ms

Loss rate: 0.00%

Run 8: Report of PCC-Vivace — Data Link

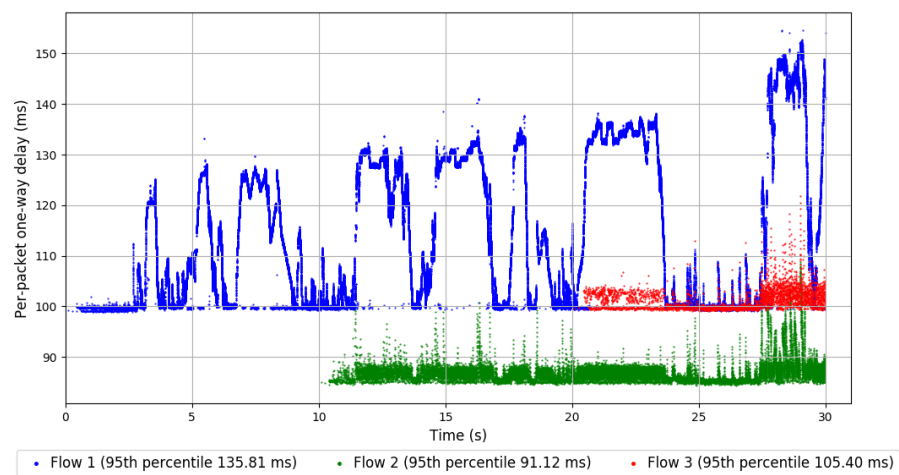
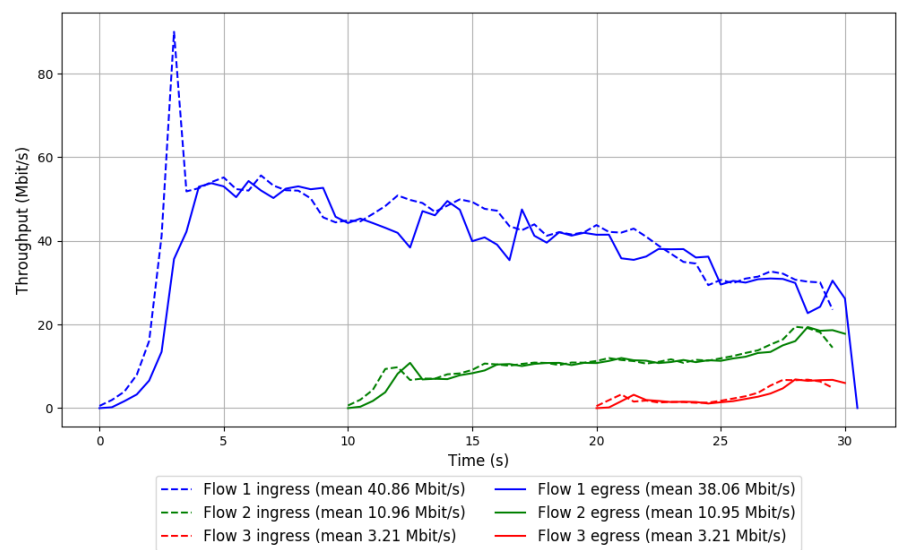


Run 9: Statistics of PCC-Vivace

Start at: 2018-07-10 07:08:05
End at: 2018-07-10 07:08:35
Local clock offset: -0.288 ms
Remote clock offset: 14.153 ms

Below is generated by plot.py at 2018-07-10 07:48:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 46.40 Mbit/s
95th percentile per-packet one-way delay: 135.460 ms
Loss rate: 5.66%
-- Flow 1:
Average throughput: 38.06 Mbit/s
95th percentile per-packet one-way delay: 135.805 ms
Loss rate: 6.81%
-- Flow 2:
Average throughput: 10.95 Mbit/s
95th percentile per-packet one-way delay: 91.116 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 3.21 Mbit/s
95th percentile per-packet one-way delay: 105.396 ms
Loss rate: 0.07%

Run 9: Report of PCC-Vivace — Data Link

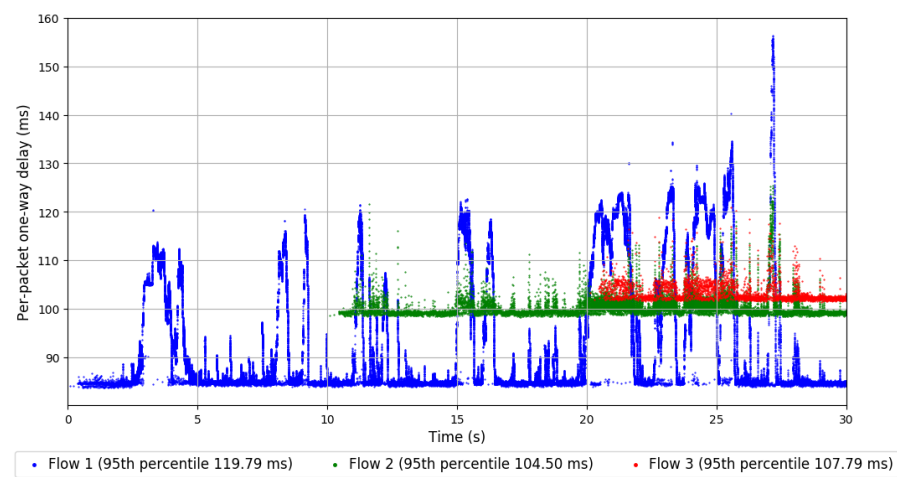
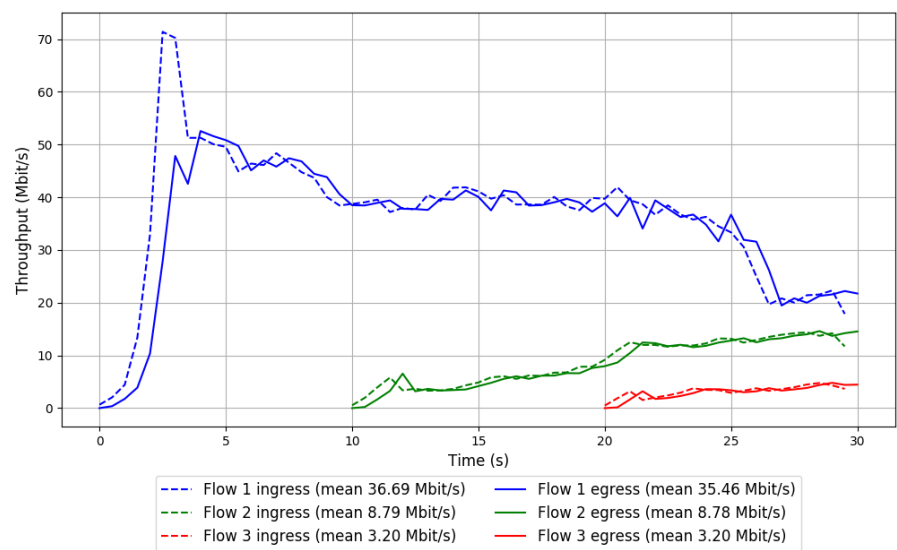


Run 10: Statistics of PCC-Vivace

Start at: 2018-07-10 07:31:47
End at: 2018-07-10 07:32:17
Local clock offset: -0.144 ms
Remote clock offset: 17.744 ms

Below is generated by plot.py at 2018-07-10 07:48:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 42.34 Mbit/s
95th percentile per-packet one-way delay: 119.245 ms
Loss rate: 2.82%
-- Flow 1:
Average throughput: 35.46 Mbit/s
95th percentile per-packet one-way delay: 119.789 ms
Loss rate: 3.34%
-- Flow 2:
Average throughput: 8.78 Mbit/s
95th percentile per-packet one-way delay: 104.499 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 3.20 Mbit/s
95th percentile per-packet one-way delay: 107.787 ms
Loss rate: 0.04%

Run 10: Report of PCC-Vivace — Data Link

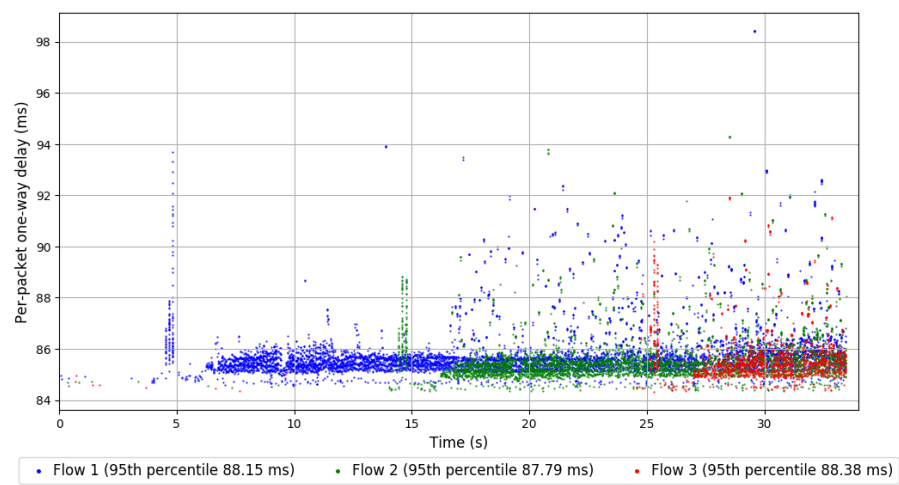
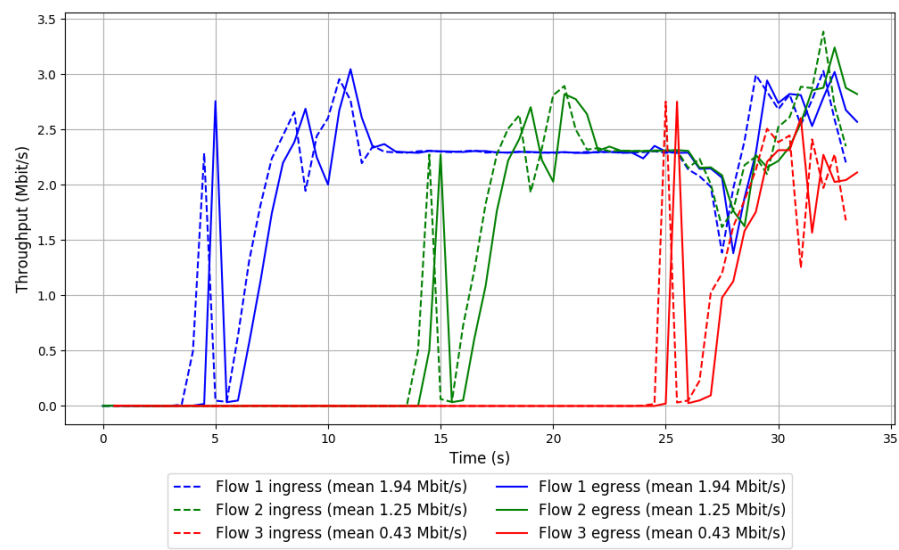


Run 1: Statistics of WebRTC media

Start at: 2018-07-10 03:44:29
End at: 2018-07-10 03:44:59
Local clock offset: 0.586 ms
Remote clock offset: -0.728 ms

Below is generated by plot.py at 2018-07-10 07:48:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.60 Mbit/s
95th percentile per-packet one-way delay: 88.031 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 1.94 Mbit/s
95th percentile per-packet one-way delay: 88.154 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.25 Mbit/s
95th percentile per-packet one-way delay: 87.787 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 88.376 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

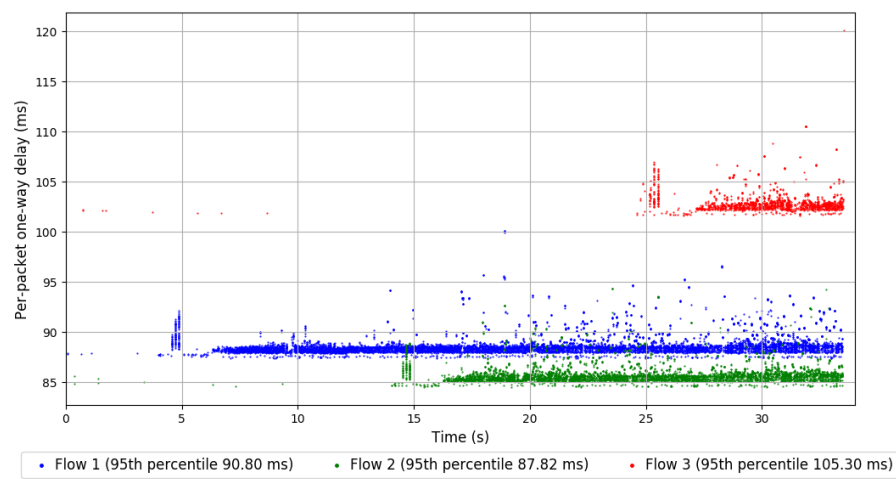
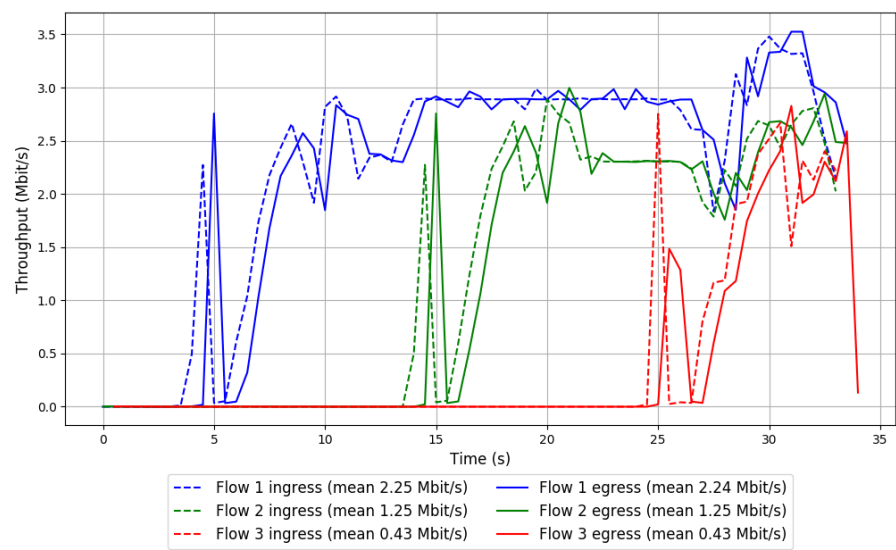


Run 2: Statistics of WebRTC media

Start at: 2018-07-10 04:08:18
End at: 2018-07-10 04:08:48
Local clock offset: 0.511 ms
Remote clock offset: -0.899 ms

Below is generated by plot.py at 2018-07-10 07:48:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.90 Mbit/s
95th percentile per-packet one-way delay: 102.751 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 90.796 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 1.25 Mbit/s
95th percentile per-packet one-way delay: 87.823 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 105.303 ms
Loss rate: 0.01%

Run 2: Report of WebRTC media — Data Link

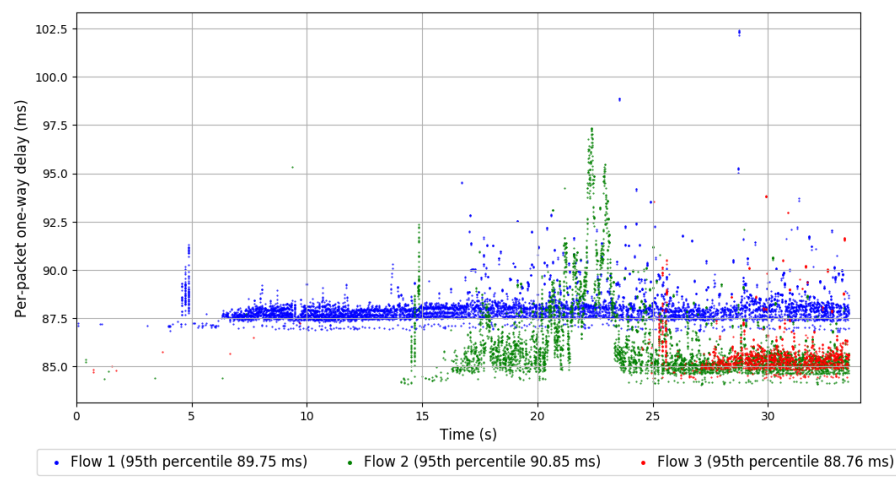
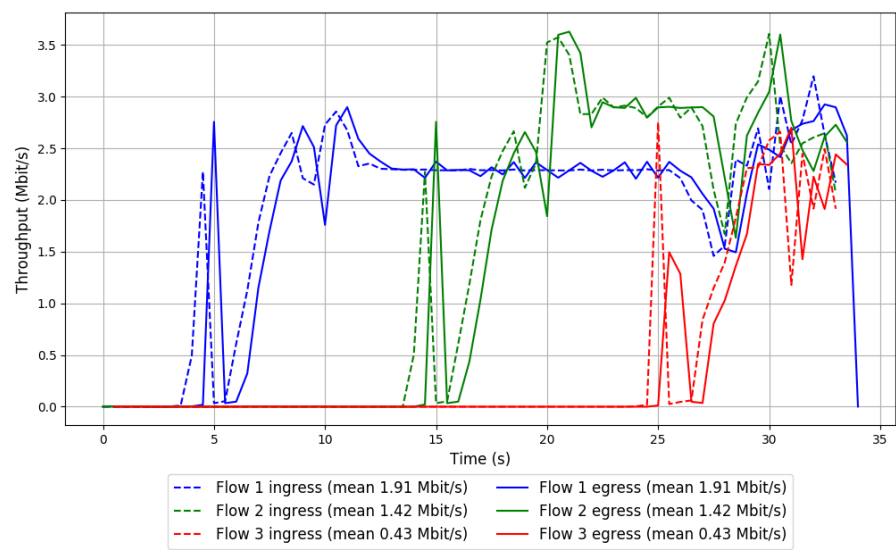


Run 3: Statistics of WebRTC media

Start at: 2018-07-10 04:32:00
End at: 2018-07-10 04:32:30
Local clock offset: 0.517 ms
Remote clock offset: -0.676 ms

Below is generated by plot.py at 2018-07-10 07:48:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.74 Mbit/s
95th percentile per-packet one-way delay: 90.033 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 89.748 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 1.42 Mbit/s
95th percentile per-packet one-way delay: 90.853 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 88.758 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

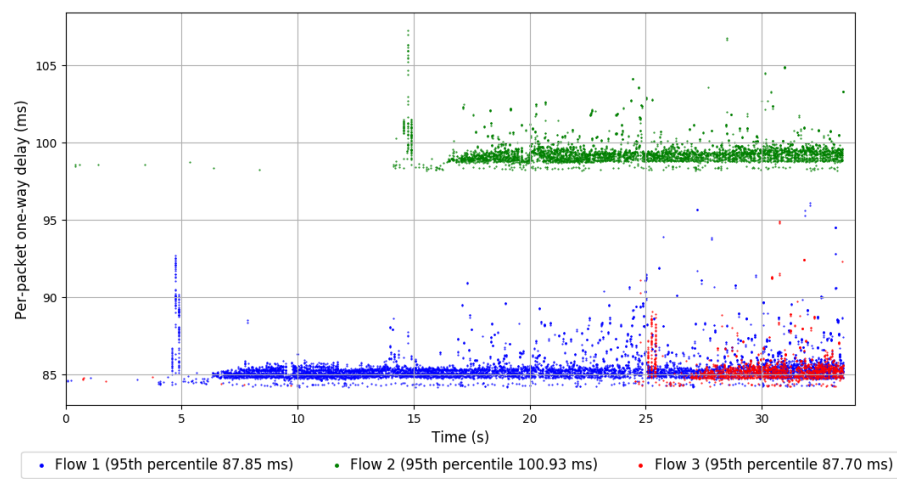
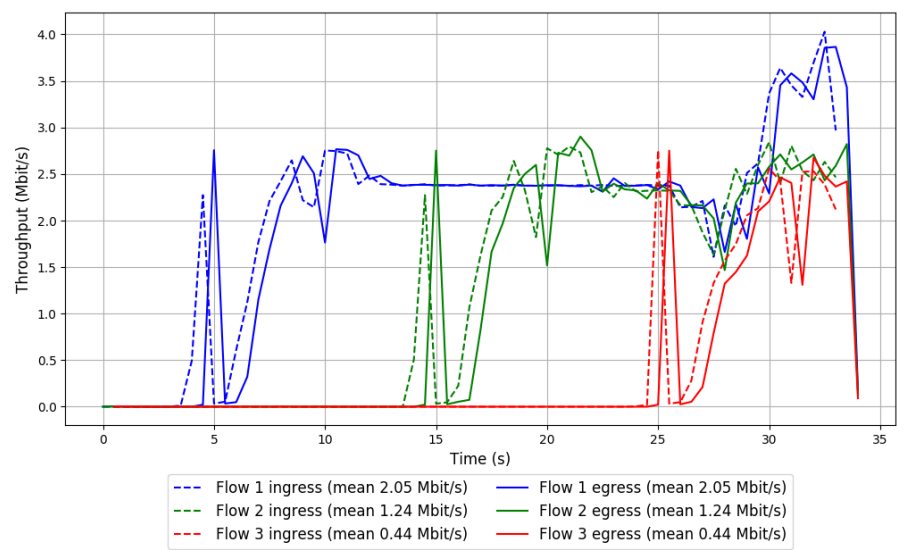


Run 4: Statistics of WebRTC media

Start at: 2018-07-10 04:55:44
End at: 2018-07-10 04:56:14
Local clock offset: 0.163 ms
Remote clock offset: -0.355 ms

Below is generated by plot.py at 2018-07-10 07:48:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.71 Mbit/s
95th percentile per-packet one-way delay: 99.852 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 2.05 Mbit/s
95th percentile per-packet one-way delay: 87.848 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 1.24 Mbit/s
95th percentile per-packet one-way delay: 100.928 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 87.700 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

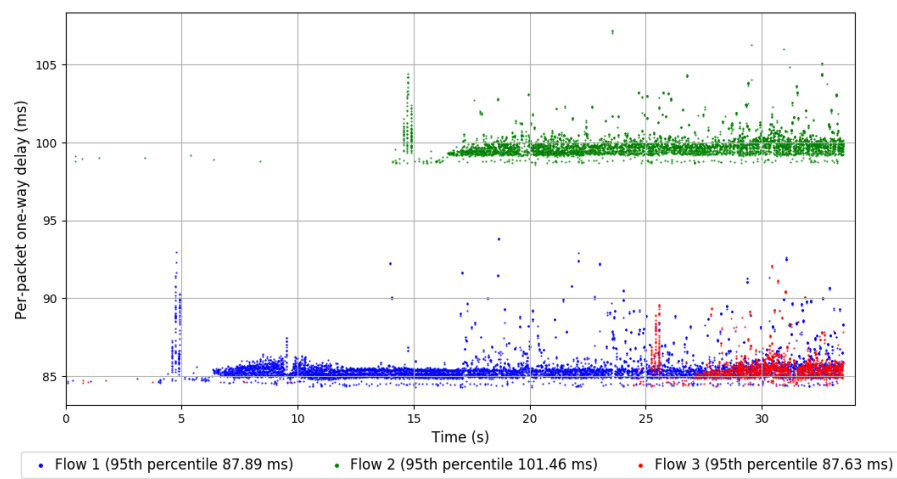
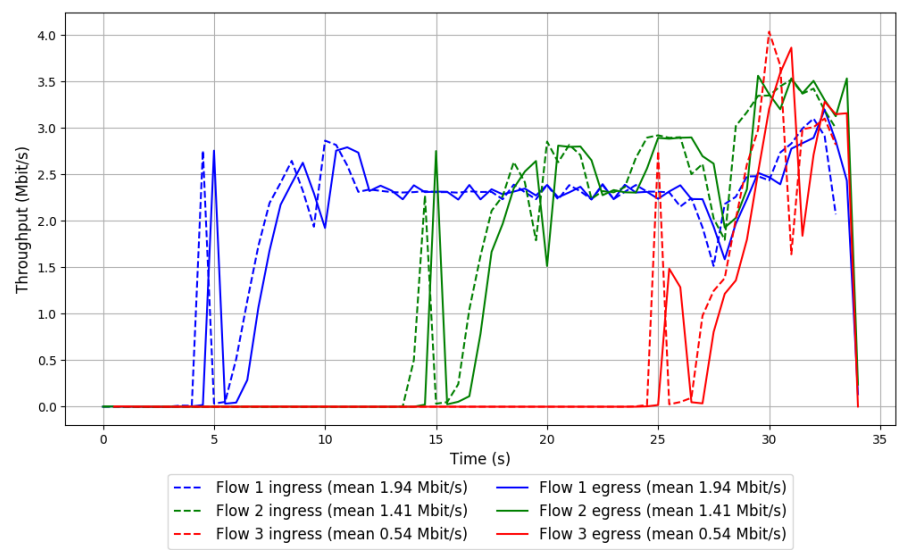


Run 5: Statistics of WebRTC media

Start at: 2018-07-10 05:19:23
End at: 2018-07-10 05:19:53
Local clock offset: -0.125 ms
Remote clock offset: -0.076 ms

Below is generated by plot.py at 2018-07-10 07:48:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.86 Mbit/s
95th percentile per-packet one-way delay: 100.393 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 1.94 Mbit/s
95th percentile per-packet one-way delay: 87.890 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.41 Mbit/s
95th percentile per-packet one-way delay: 101.456 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 0.54 Mbit/s
95th percentile per-packet one-way delay: 87.629 ms
Loss rate: 0.15%

Run 5: Report of WebRTC media — Data Link

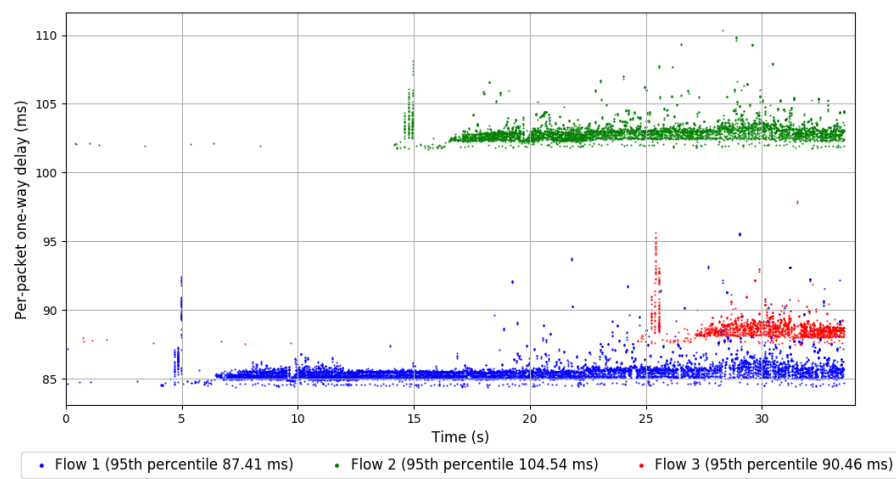
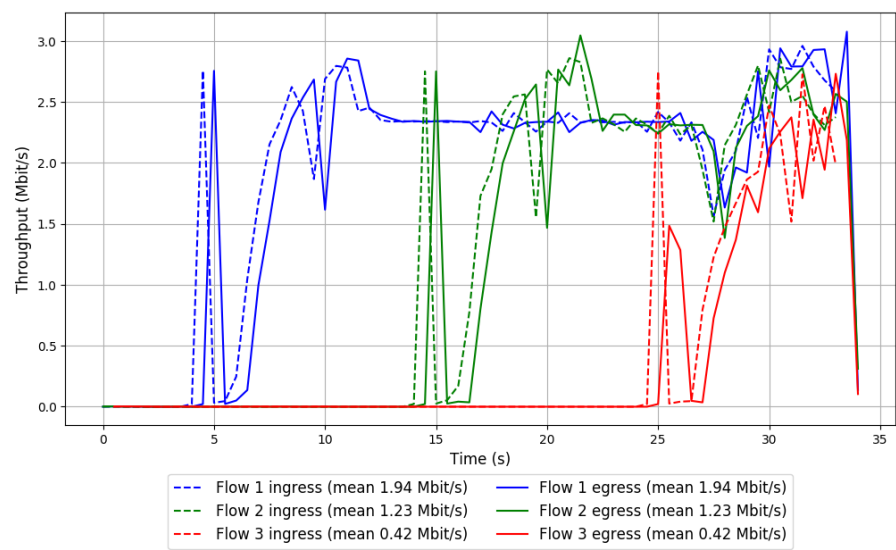


Run 6: Statistics of WebRTC media

Start at: 2018-07-10 05:43:06
End at: 2018-07-10 05:43:36
Local clock offset: -0.296 ms
Remote clock offset: -0.059 ms

Below is generated by plot.py at 2018-07-10 07:48:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.57 Mbit/s
95th percentile per-packet one-way delay: 103.587 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.94 Mbit/s
95th percentile per-packet one-way delay: 87.411 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.23 Mbit/s
95th percentile per-packet one-way delay: 104.539 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 90.462 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2018-07-10 06:06:54

End at: 2018-07-10 06:07:24

Local clock offset: -0.482 ms

Remote clock offset: 0.13 ms

Below is generated by plot.py at 2018-07-10 07:48:25

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.56 Mbit/s

95th percentile per-packet one-way delay: 102.530 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 1.90 Mbit/s

95th percentile per-packet one-way delay: 90.033 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.25 Mbit/s

95th percentile per-packet one-way delay: 87.304 ms

Loss rate: 0.02%

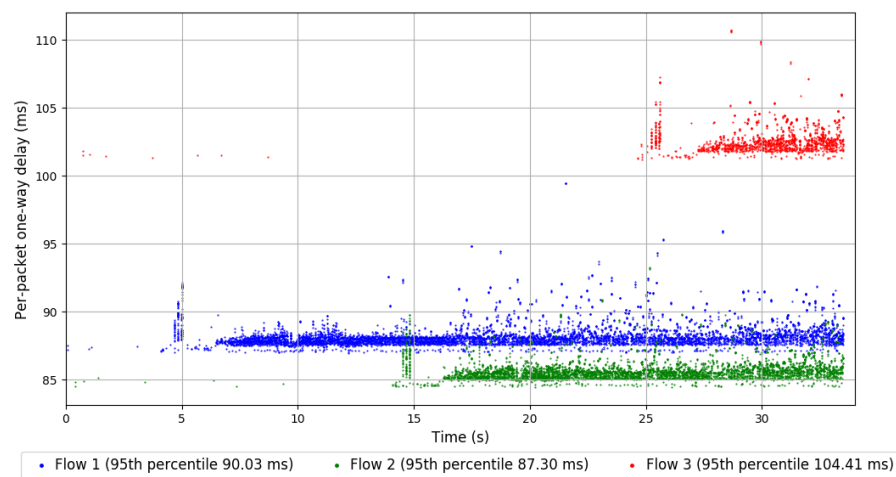
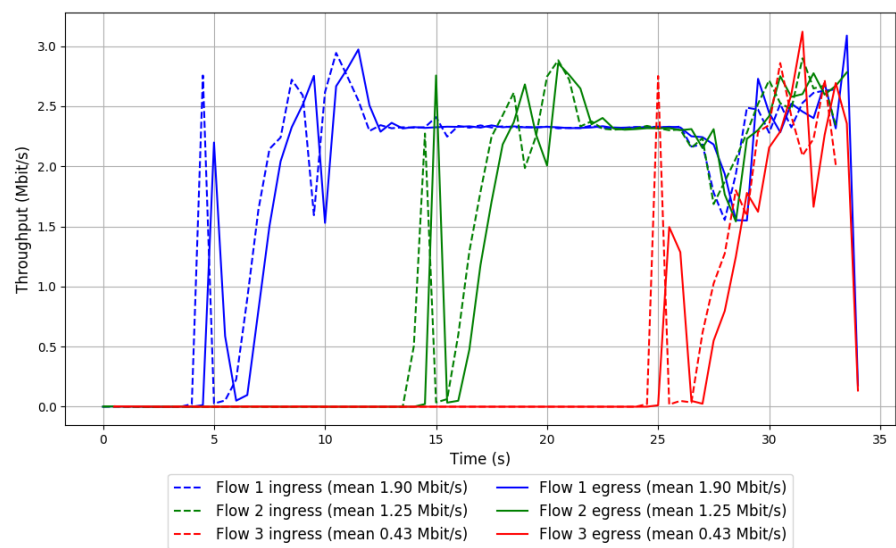
-- Flow 3:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 104.413 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2018-07-10 06:30:37

End at: 2018-07-10 06:31:07

Local clock offset: -0.468 ms

Remote clock offset: 2.269 ms

Below is generated by plot.py at 2018-07-10 07:48:25

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.71 Mbit/s

95th percentile per-packet one-way delay: 100.542 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 2.04 Mbit/s

95th percentile per-packet one-way delay: 101.420 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 1.25 Mbit/s

95th percentile per-packet one-way delay: 86.357 ms

Loss rate: 0.00%

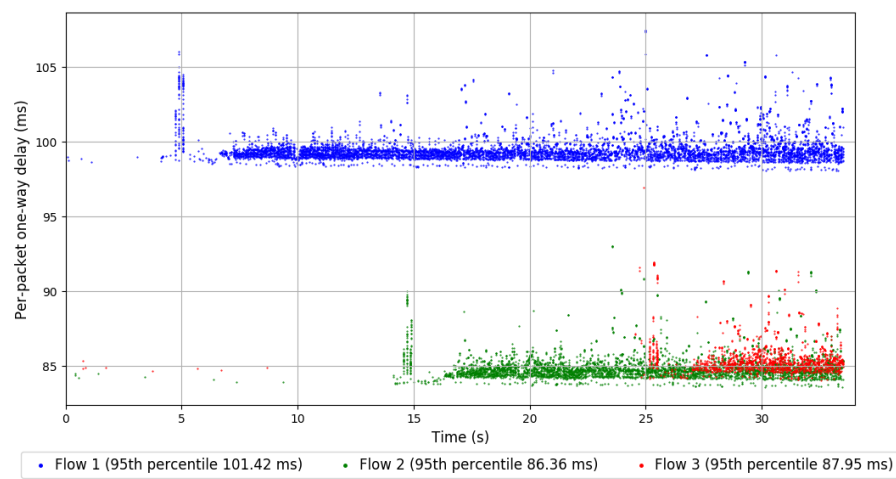
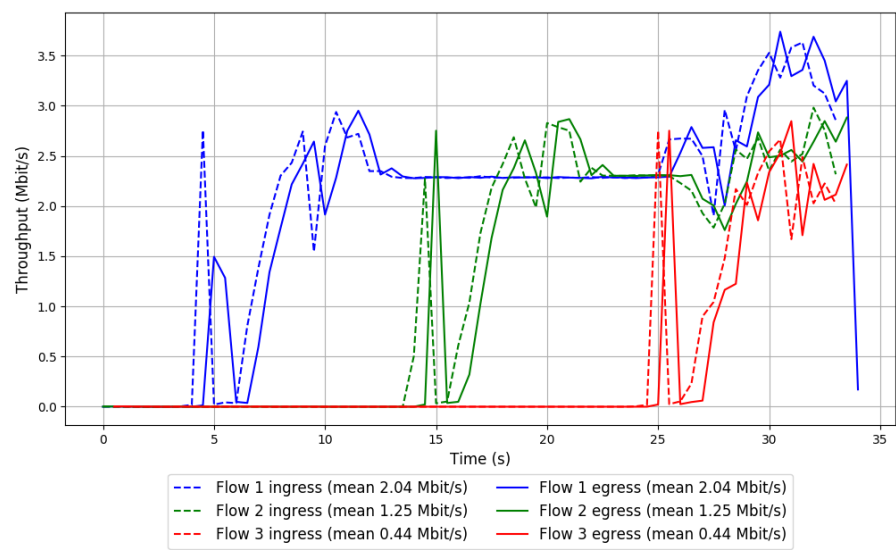
-- Flow 3:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 87.948 ms

Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

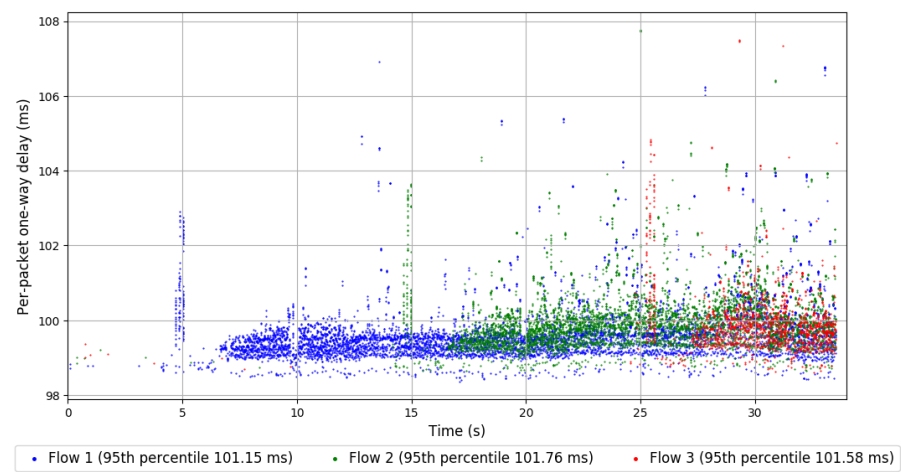
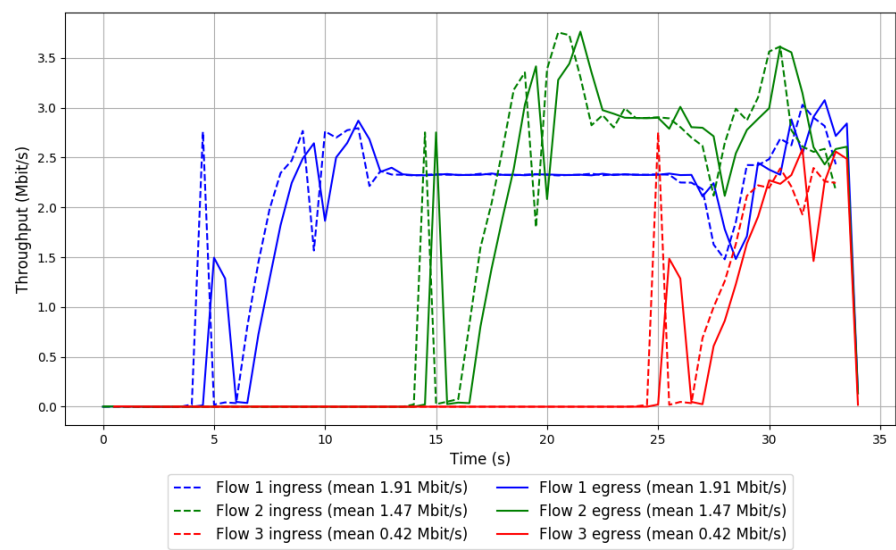


Run 9: Statistics of WebRTC media

Start at: 2018-07-10 06:54:15
End at: 2018-07-10 06:54:45
Local clock offset: -0.197 ms
Remote clock offset: 11.599 ms

Below is generated by plot.py at 2018-07-10 07:48:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.78 Mbit/s
95th percentile per-packet one-way delay: 101.430 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 101.153 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: 101.757 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 101.582 ms
Loss rate: 0.41%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-07-10 07:17:52
End at: 2018-07-10 07:18:22
Local clock offset: -0.161 ms
Remote clock offset: 15.752 ms

Below is generated by plot.py at 2018-07-10 07:48:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.83 Mbit/s
95th percentile per-packet one-way delay: 101.407 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 2.10 Mbit/s
95th percentile per-packet one-way delay: 101.426 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 101.231 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 101.478 ms
Loss rate: 0.04%

Run 10: Report of WebRTC media — Data Link

