

Pantheon Report

Generated at 2018-08-01 12:11:38 (UTC).

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

Repeated the test of 17 congestion control schemes 10 times.

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

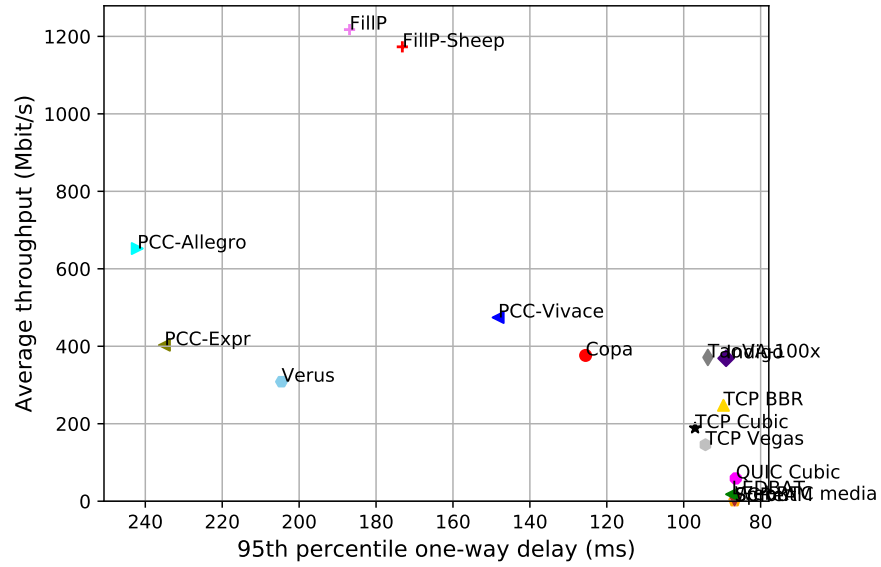
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

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

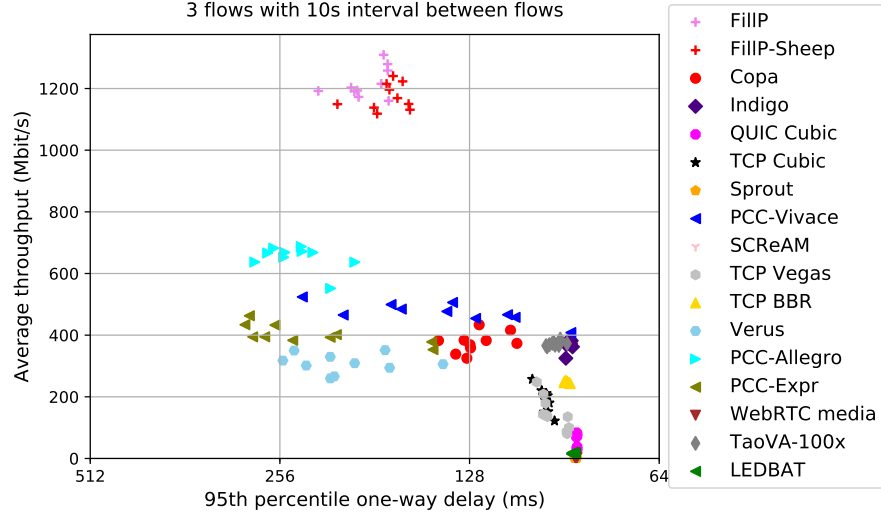
Git summary:

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



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



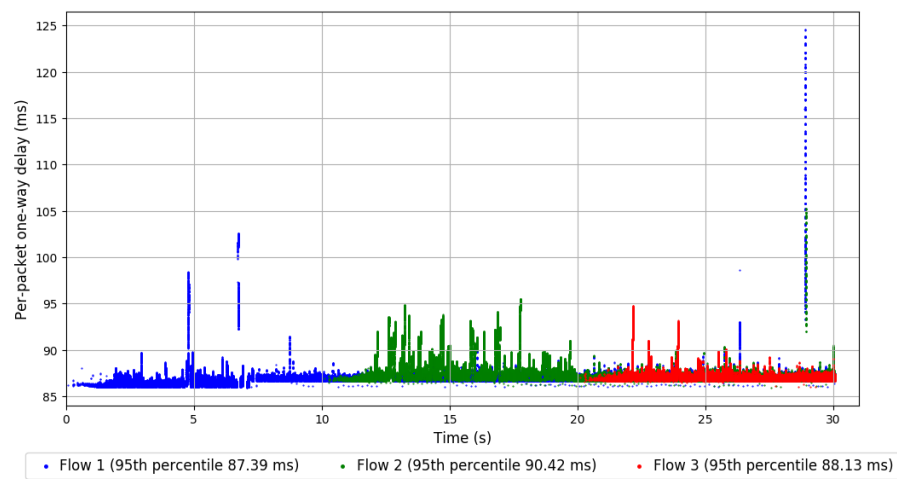
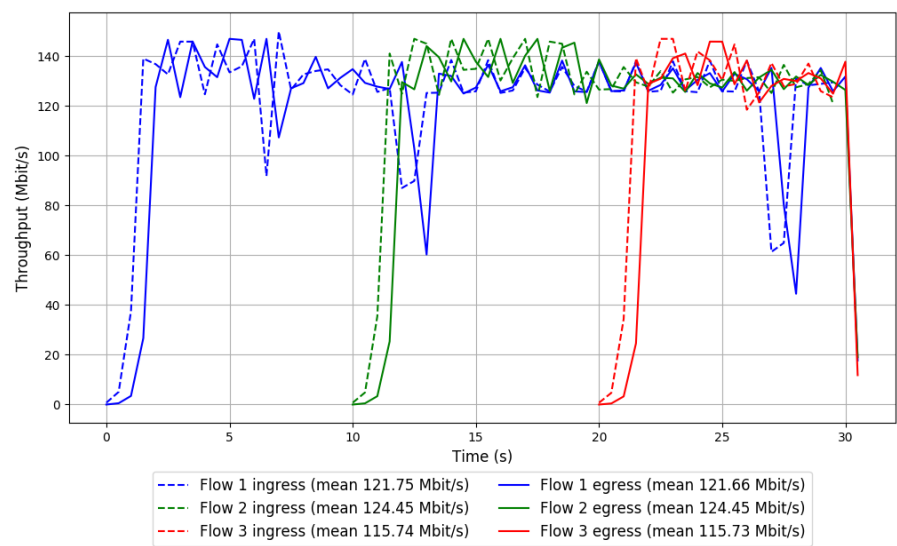
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	125.22	124.59	118.76	87.77	90.19	91.09	0.01	0.00	0.01
Copa	10	198.09	183.46	168.47	108.77	121.64	132.85	0.05	0.07	0.10
TCP Cubic	10	111.40	82.32	68.45	96.67	93.42	94.05	0.01	0.02	0.18
FillP	10	635.56	613.32	524.25	188.24	180.64	184.54	6.50	5.33	4.80
FillP-Sheep	10	617.56	580.96	509.58	173.05	174.73	151.92	2.11	2.03	1.00
Indigo	10	191.93	190.20	157.55	88.52	89.55	89.44	0.00	0.00	0.01
LEDBAT	10	11.35	7.95	3.69	87.71	87.33	87.14	0.00	0.00	0.00
PCC-Allegro	10	443.96	264.38	99.03	251.15	186.79	168.03	7.32	3.28	4.21
PCC-Expr	10	218.31	214.01	127.61	239.53	204.73	191.66	3.06	4.84	0.98
QUIC Cubic	10	27.79	36.42	21.06	86.35	86.35	86.39	0.00	0.00	0.00
SCReAM	10	0.22	0.22	0.22	86.55	86.46	86.56	0.00	0.00	0.00
Sprout	10	0.32	0.29	0.36	86.72	86.69	86.59	0.00	0.00	0.00
TaoVA-100x	10	197.86	183.39	153.89	91.04	94.50	101.22	0.01	0.01	0.07
TCP Vegas	10	79.74	75.60	47.85	93.17	93.13	90.24	0.02	0.00	0.11
Verus	10	193.60	130.55	89.36	177.05	201.72	187.33	3.34	1.86	3.00
PCC-Vivace	10	295.46	207.72	123.41	154.34	124.51	104.27	0.30	0.33	0.03
WebRTC media	10	1.93	1.13	0.43	86.72	86.65	86.59	0.00	0.00	0.00

Run 1: Statistics of TCP BBR

Start at: 2018-08-01 04:53:26
End at: 2018-08-01 04:53:56
Local clock offset: 0.077 ms
Remote clock offset: -0.127 ms

Below is generated by plot.py at 2018-08-01 09:24:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 243.01 Mbit/s
95th percentile per-packet one-way delay: 88.587 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 121.66 Mbit/s
95th percentile per-packet one-way delay: 87.388 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 124.45 Mbit/s
95th percentile per-packet one-way delay: 90.418 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 115.73 Mbit/s
95th percentile per-packet one-way delay: 88.129 ms
Loss rate: 0.00%

Run 1: Report of TCP BBR — Data Link

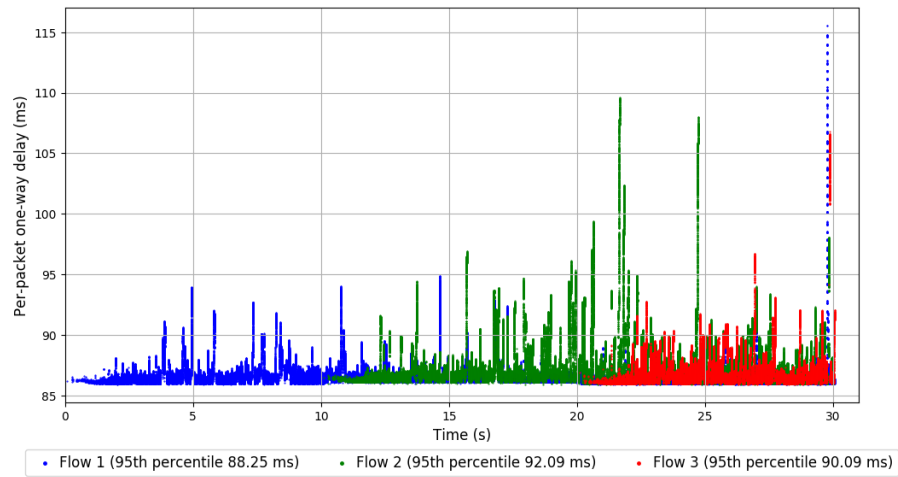
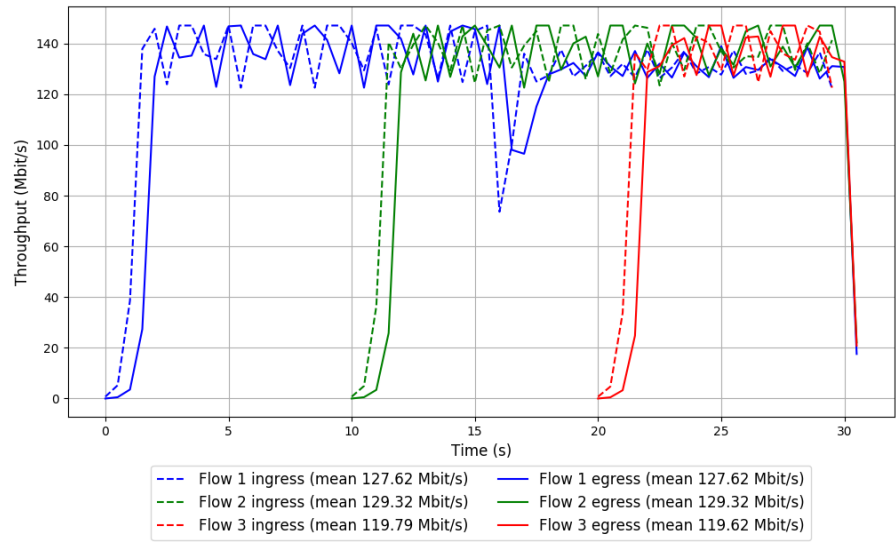


Run 2: Statistics of TCP BBR

Start at: 2018-08-01 05:19:43
End at: 2018-08-01 05:20:13
Local clock offset: 0.089 ms
Remote clock offset: -0.115 ms

Below is generated by plot.py at 2018-08-01 09:25:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 253.33 Mbit/s
95th percentile per-packet one-way delay: 90.171 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 127.62 Mbit/s
95th percentile per-packet one-way delay: 88.245 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 129.32 Mbit/s
95th percentile per-packet one-way delay: 92.089 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 119.62 Mbit/s
95th percentile per-packet one-way delay: 90.094 ms
Loss rate: 0.14%

Run 2: Report of TCP BBR — Data Link

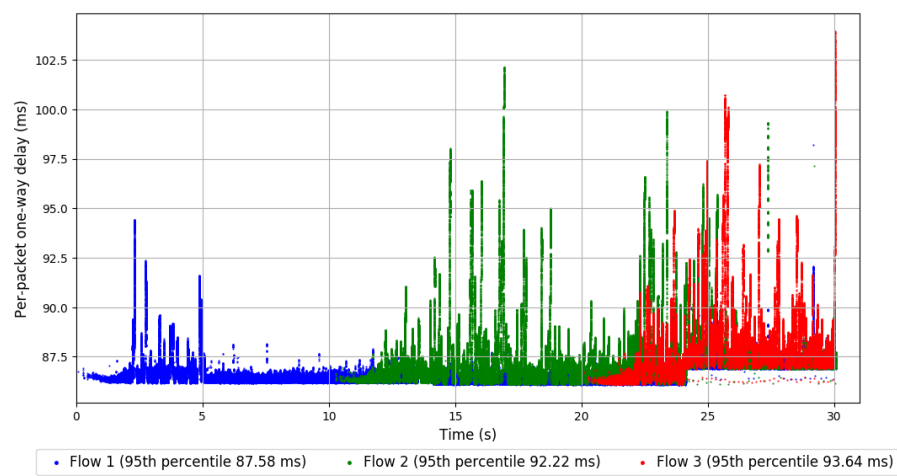
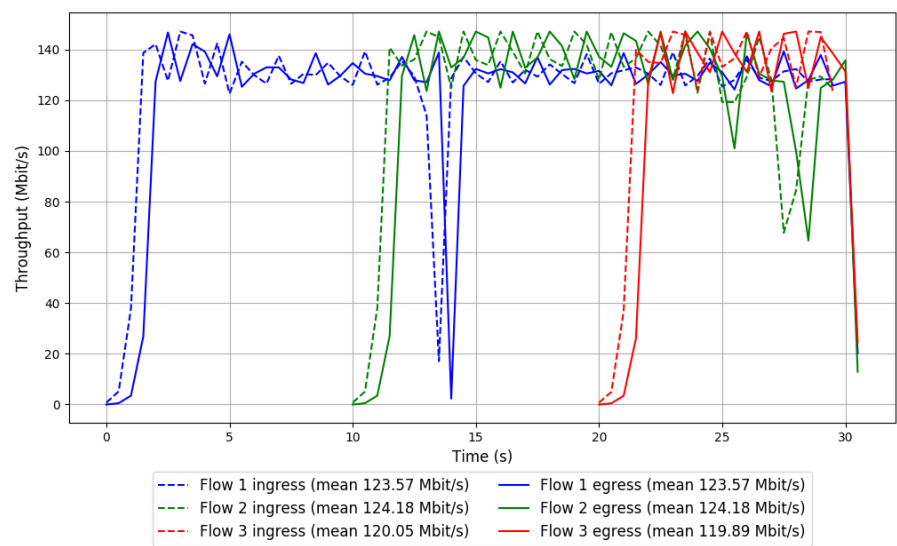


Run 3: Statistics of TCP BBR

Start at: 2018-08-01 05:45:59
End at: 2018-08-01 05:46:29
Local clock offset: -0.134 ms
Remote clock offset: -0.108 ms

Below is generated by plot.py at 2018-08-01 09:25:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 246.14 Mbit/s
95th percentile per-packet one-way delay: 90.570 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 123.57 Mbit/s
95th percentile per-packet one-way delay: 87.577 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 124.18 Mbit/s
95th percentile per-packet one-way delay: 92.216 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 119.89 Mbit/s
95th percentile per-packet one-way delay: 93.644 ms
Loss rate: 0.00%

Run 3: Report of TCP BBR — Data Link

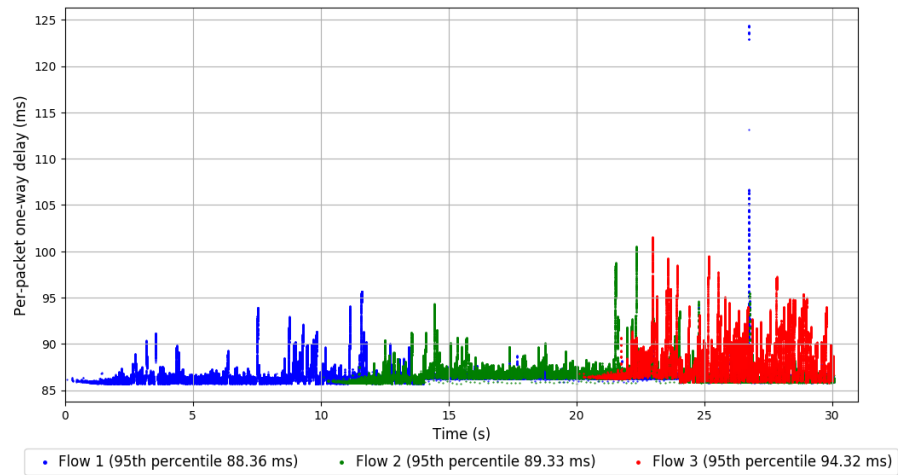
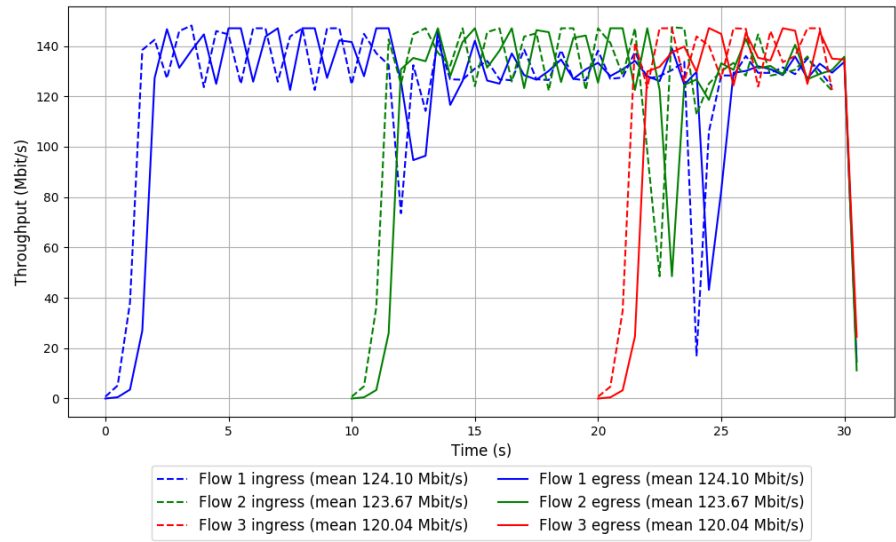


Run 4: Statistics of TCP BBR

Start at: 2018-08-01 06:12:29
End at: 2018-08-01 06:12:59
Local clock offset: 0.28 ms
Remote clock offset: -0.102 ms

Below is generated by plot.py at 2018-08-01 09:25:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 246.26 Mbit/s
95th percentile per-packet one-way delay: 90.570 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 124.10 Mbit/s
95th percentile per-packet one-way delay: 88.356 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 123.67 Mbit/s
95th percentile per-packet one-way delay: 89.331 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 120.04 Mbit/s
95th percentile per-packet one-way delay: 94.319 ms
Loss rate: 0.00%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-08-01 06:38:46

End at: 2018-08-01 06:39:16

Local clock offset: 0.003 ms

Remote clock offset: -0.05 ms

Below is generated by plot.py at 2018-08-01 09:25:02

Datalink statistics

-- Total of 3 flows:

Average throughput: 249.22 Mbit/s

95th percentile per-packet one-way delay: 90.519 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 126.29 Mbit/s

95th percentile per-packet one-way delay: 87.664 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 126.50 Mbit/s

95th percentile per-packet one-way delay: 92.046 ms

Loss rate: 0.02%

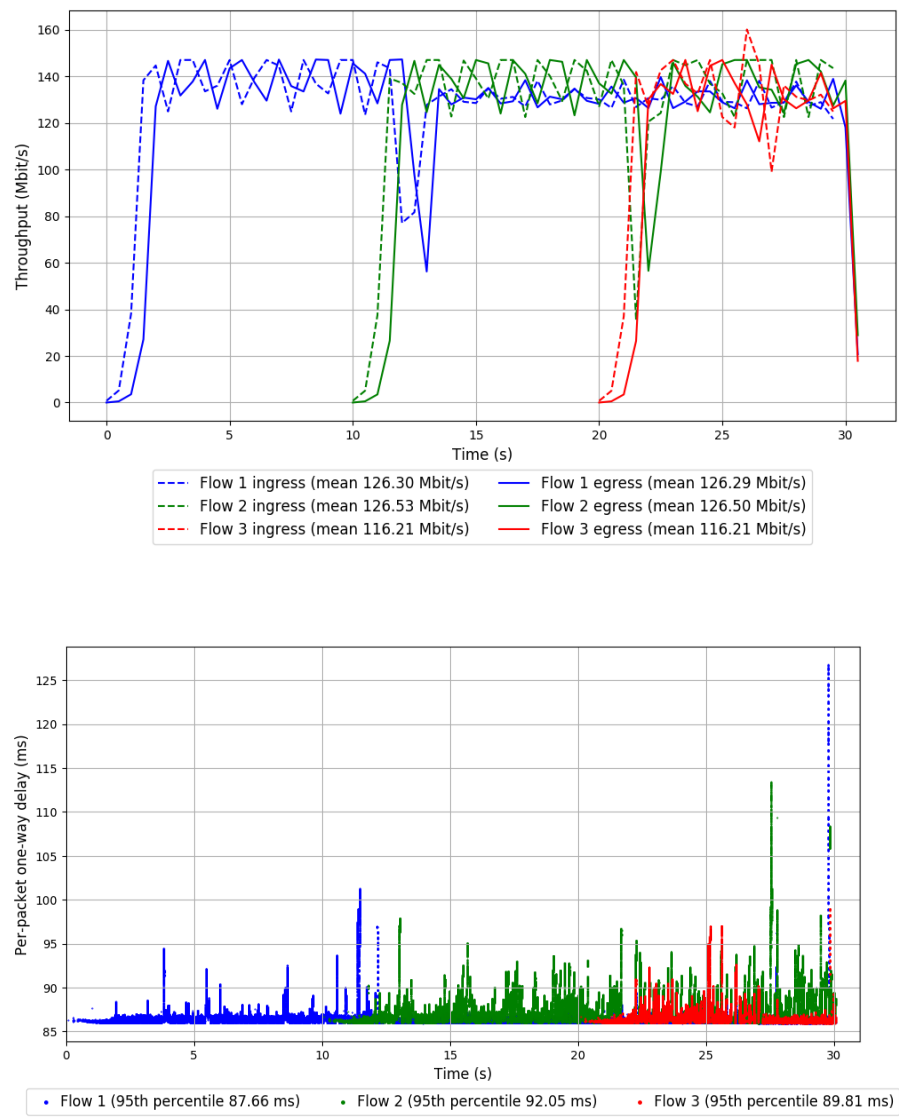
-- Flow 3:

Average throughput: 116.21 Mbit/s

95th percentile per-packet one-way delay: 89.807 ms

Loss rate: 0.00%

Run 5: Report of TCP BBR — Data Link

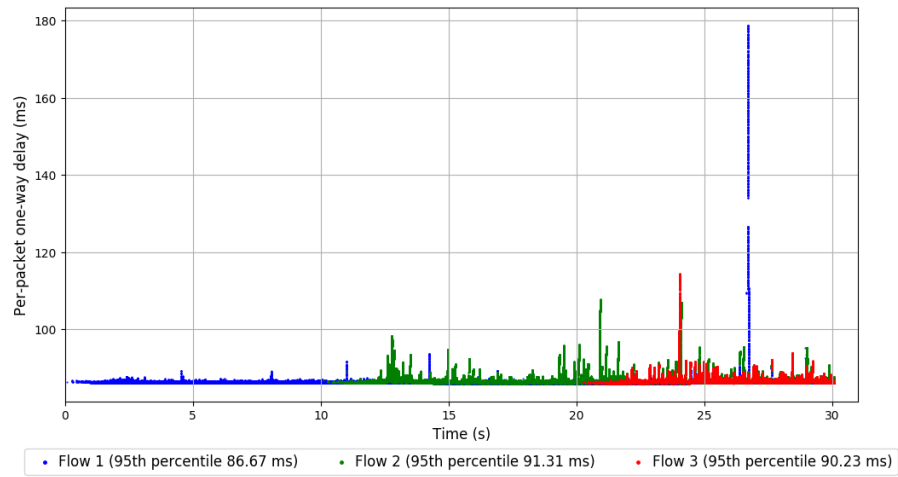
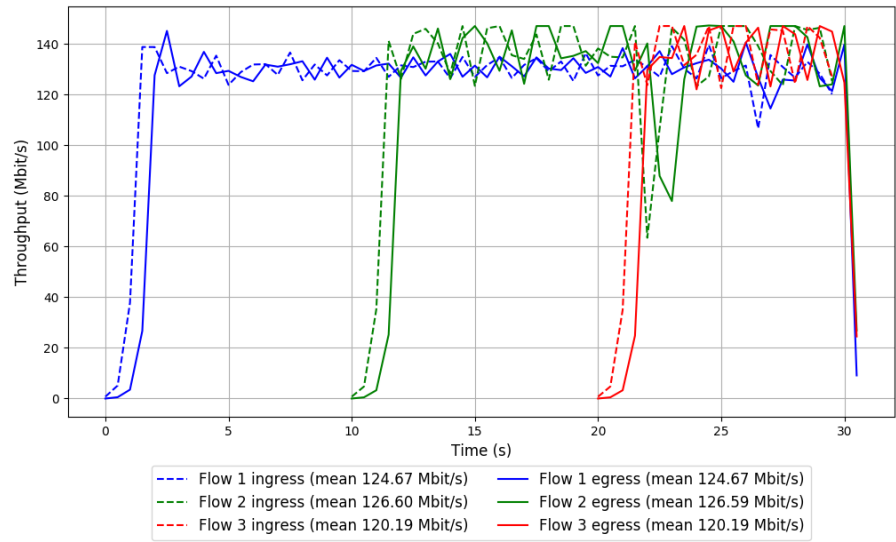


Run 6: Statistics of TCP BBR

Start at: 2018-08-01 07:05:19
End at: 2018-08-01 07:05:49
Local clock offset: 0.044 ms
Remote clock offset: -0.042 ms

Below is generated by plot.py at 2018-08-01 09:25:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 248.76 Mbit/s
95th percentile per-packet one-way delay: 89.539 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 124.67 Mbit/s
95th percentile per-packet one-way delay: 86.672 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 126.59 Mbit/s
95th percentile per-packet one-way delay: 91.305 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 120.19 Mbit/s
95th percentile per-packet one-way delay: 90.227 ms
Loss rate: 0.00%

Run 6: Report of TCP BBR — Data Link

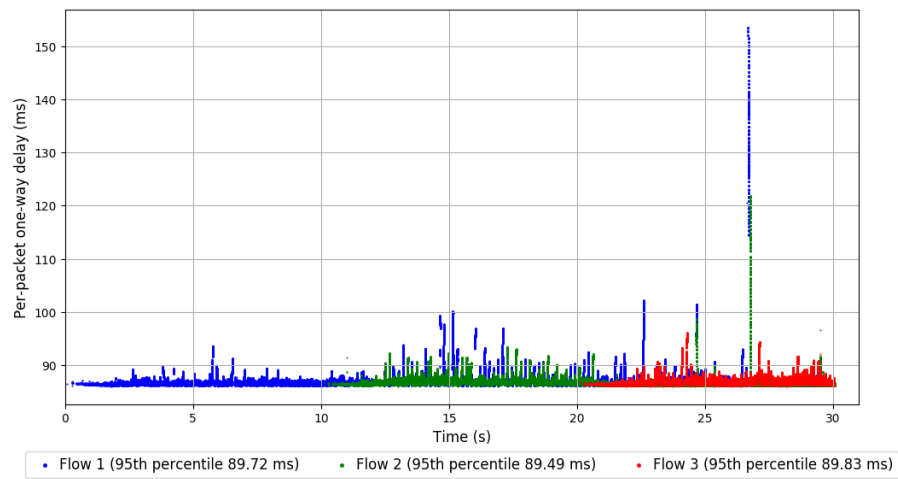
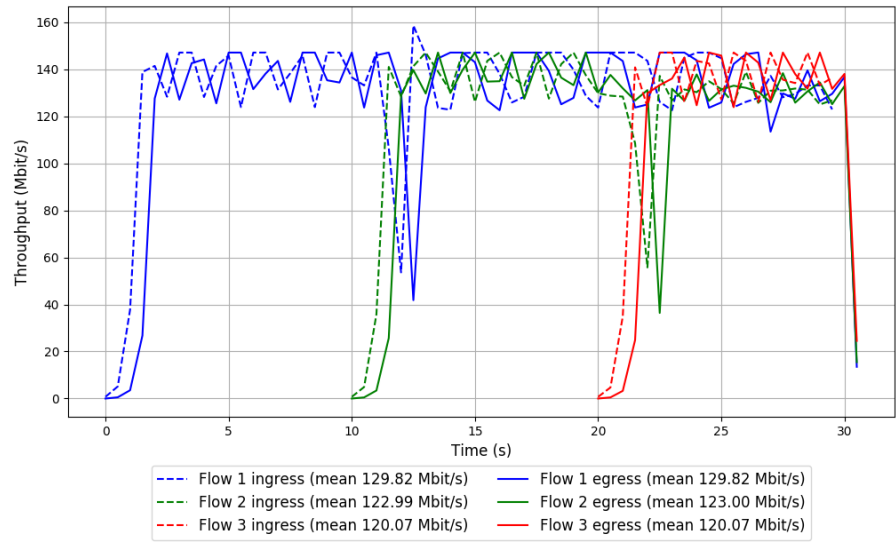


Run 7: Statistics of TCP BBR

Start at: 2018-08-01 07:31:46
End at: 2018-08-01 07:32:16
Local clock offset: -0.057 ms
Remote clock offset: -0.065 ms

Below is generated by plot.py at 2018-08-01 09:25:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 251.57 Mbit/s
95th percentile per-packet one-way delay: 89.666 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 129.82 Mbit/s
95th percentile per-packet one-way delay: 89.724 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 123.00 Mbit/s
95th percentile per-packet one-way delay: 89.494 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 120.07 Mbit/s
95th percentile per-packet one-way delay: 89.835 ms
Loss rate: 0.00%

Run 7: Report of TCP BBR — Data Link

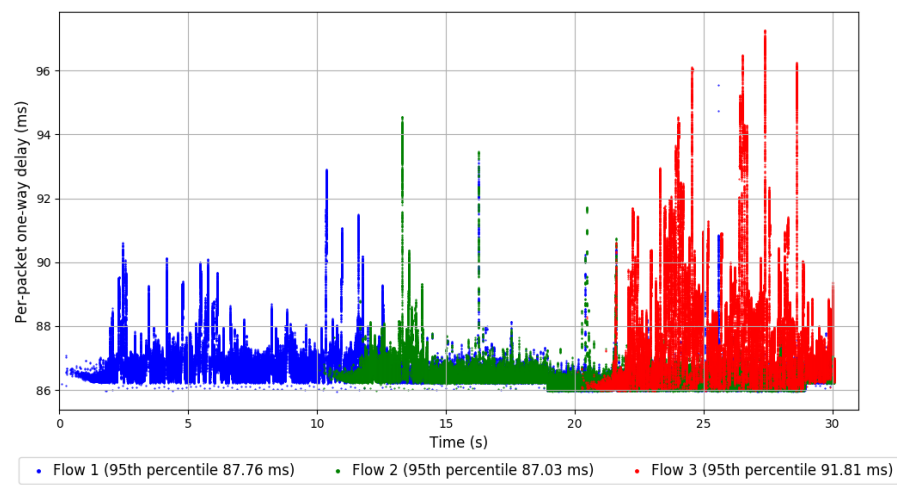
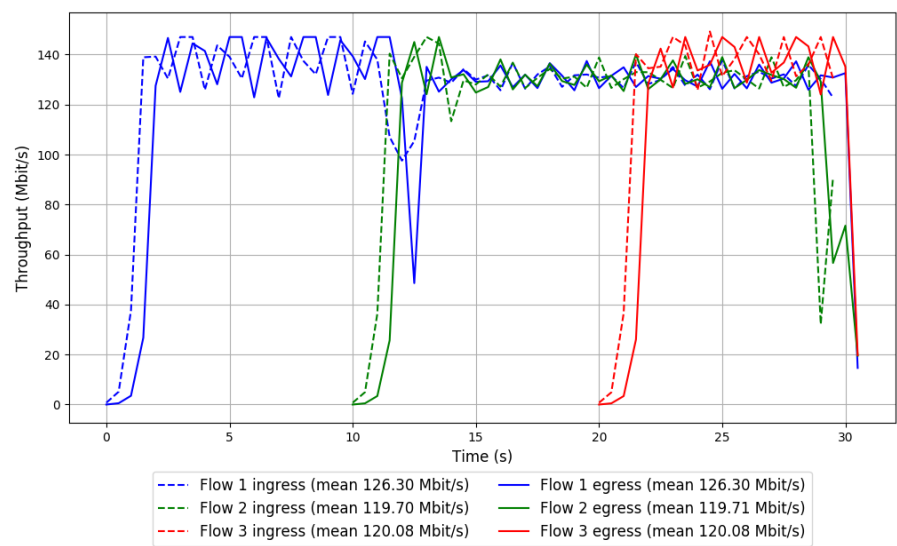


Run 8: Statistics of TCP BBR

Start at: 2018-08-01 07:58:04
End at: 2018-08-01 07:58:34
Local clock offset: 0.035 ms
Remote clock offset: -0.069 ms

Below is generated by plot.py at 2018-08-01 09:25:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 246.00 Mbit/s
95th percentile per-packet one-way delay: 88.868 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 126.30 Mbit/s
95th percentile per-packet one-way delay: 87.763 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 119.71 Mbit/s
95th percentile per-packet one-way delay: 87.031 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 120.08 Mbit/s
95th percentile per-packet one-way delay: 91.813 ms
Loss rate: 0.00%

Run 8: Report of TCP BBR — Data Link

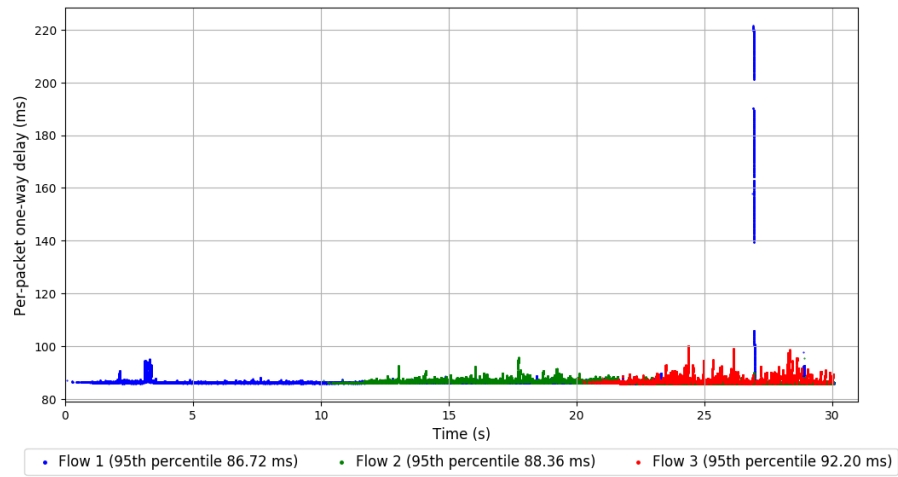
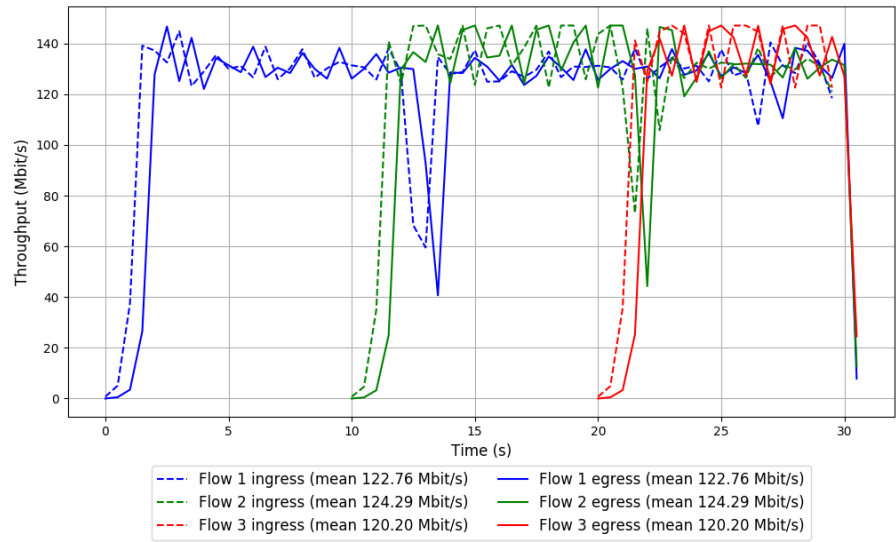


Run 9: Statistics of TCP BBR

Start at: 2018-08-01 08:24:32
End at: 2018-08-01 08:25:02
Local clock offset: 0.148 ms
Remote clock offset: -0.074 ms

Below is generated by plot.py at 2018-08-01 09:28:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 245.27 Mbit/s
95th percentile per-packet one-way delay: 89.008 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 122.76 Mbit/s
95th percentile per-packet one-way delay: 86.715 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 124.29 Mbit/s
95th percentile per-packet one-way delay: 88.362 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 120.20 Mbit/s
95th percentile per-packet one-way delay: 92.200 ms
Loss rate: 0.00%

Run 9: Report of TCP BBR — Data Link

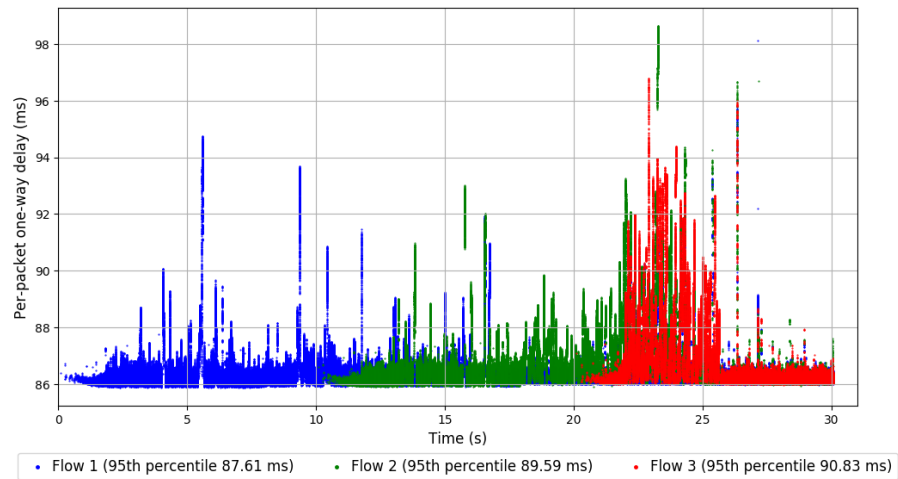
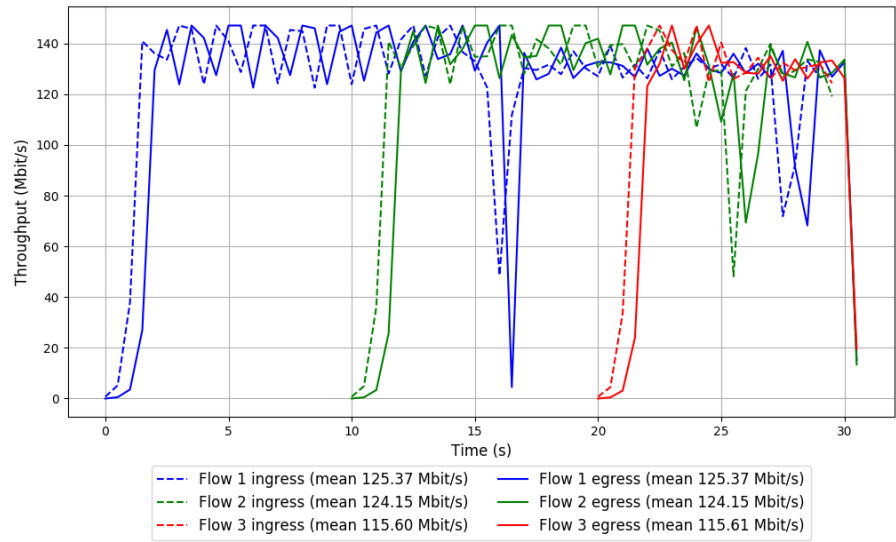


Run 10: Statistics of TCP BBR

Start at: 2018-08-01 08:50:55
End at: 2018-08-01 08:51:25
Local clock offset: 0.125 ms
Remote clock offset: -0.066 ms

Below is generated by plot.py at 2018-08-01 09:28:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 246.42 Mbit/s
95th percentile per-packet one-way delay: 89.139 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 125.37 Mbit/s
95th percentile per-packet one-way delay: 87.607 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 124.15 Mbit/s
95th percentile per-packet one-way delay: 89.591 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 115.61 Mbit/s
95th percentile per-packet one-way delay: 90.835 ms
Loss rate: 0.00%

Run 10: Report of TCP BBR — Data Link

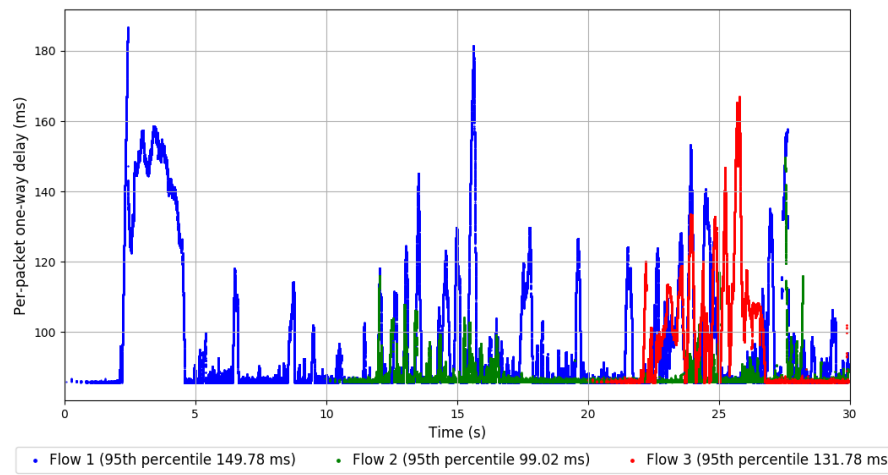
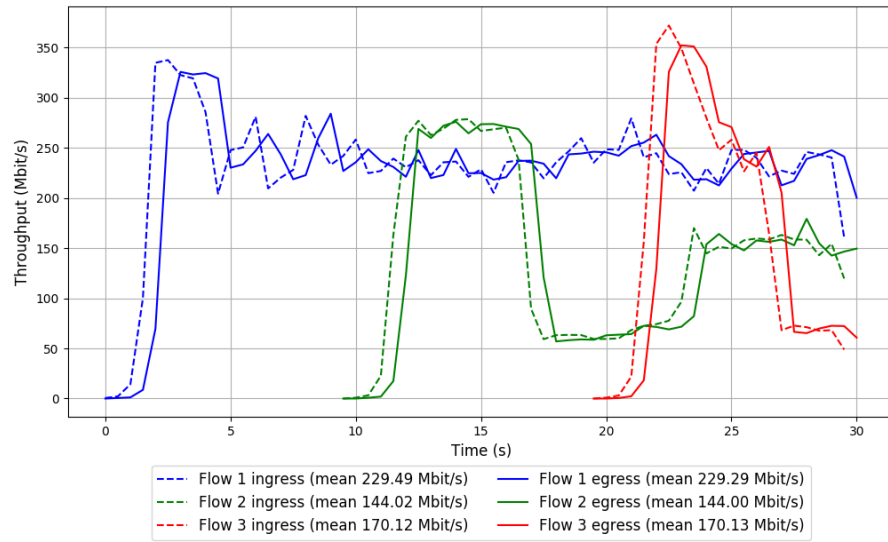


Run 1: Statistics of Copa

Start at: 2018-08-01 04:49:43
End at: 2018-08-01 04:50:13
Local clock offset: 0.317 ms
Remote clock offset: -0.108 ms

Below is generated by plot.py at 2018-08-01 09:36:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 382.44 Mbit/s
95th percentile per-packet one-way delay: 143.412 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 229.29 Mbit/s
95th percentile per-packet one-way delay: 149.775 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 144.00 Mbit/s
95th percentile per-packet one-way delay: 99.019 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 170.13 Mbit/s
95th percentile per-packet one-way delay: 131.783 ms
Loss rate: 0.00%

Run 1: Report of Copa — Data Link

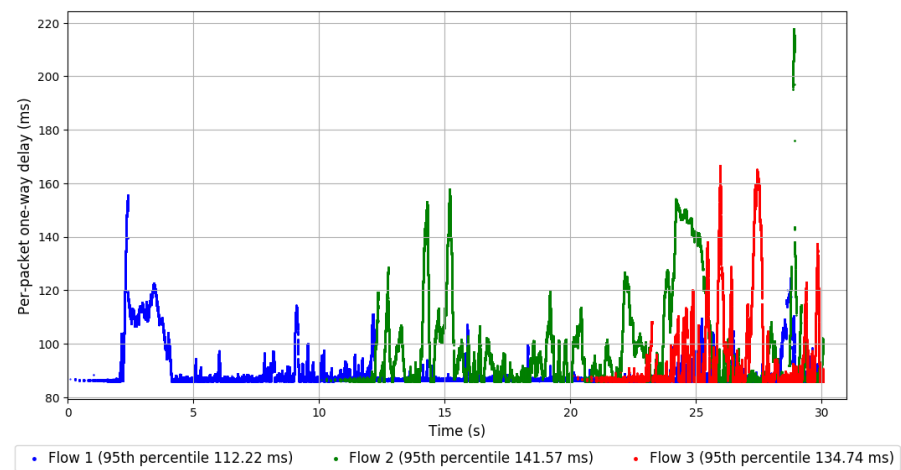
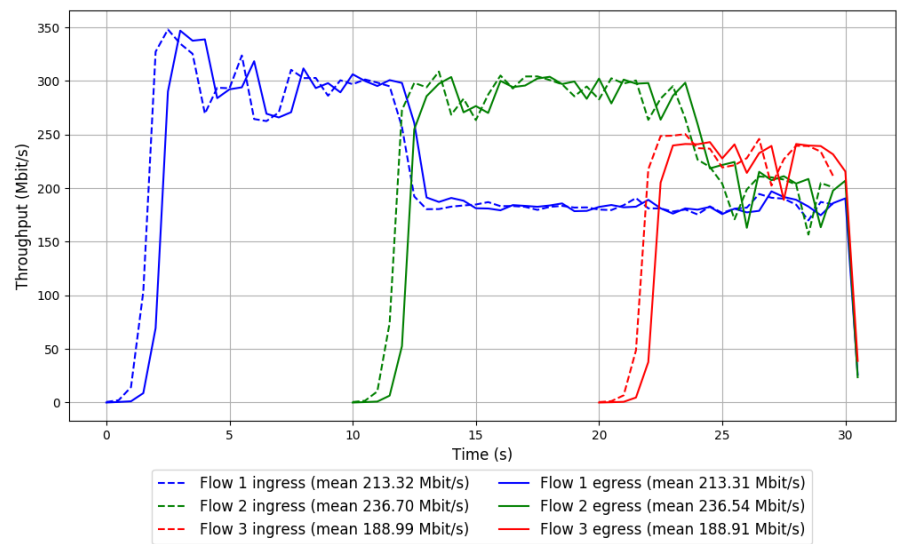


Run 2: Statistics of Copa

Start at: 2018-08-01 05:16:03
End at: 2018-08-01 05:16:33
Local clock offset: 0.047 ms
Remote clock offset: -0.157 ms

Below is generated by plot.py at 2018-08-01 09:38:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 433.63 Mbit/s
95th percentile per-packet one-way delay: 123.571 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 213.31 Mbit/s
95th percentile per-packet one-way delay: 112.225 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 236.54 Mbit/s
95th percentile per-packet one-way delay: 141.571 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 188.91 Mbit/s
95th percentile per-packet one-way delay: 134.740 ms
Loss rate: 0.05%

Run 2: Report of Copa — Data Link

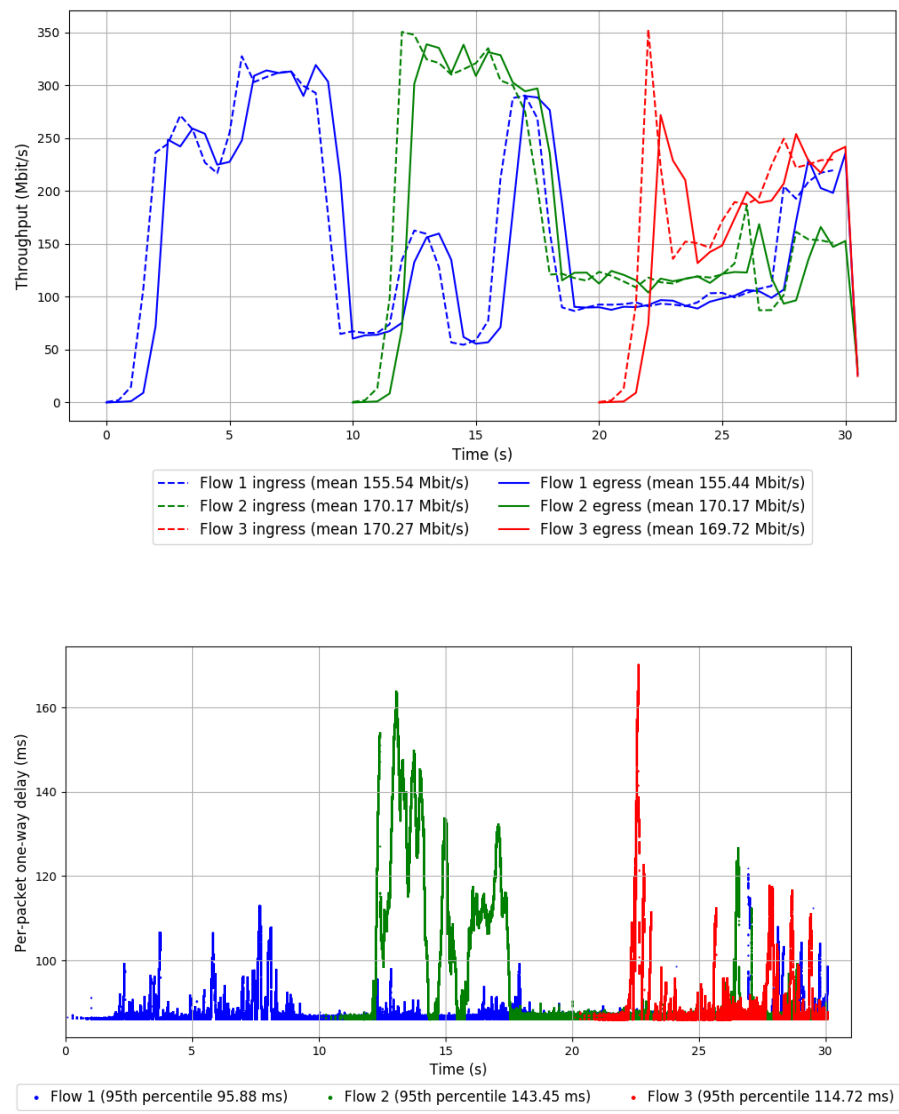


Run 3: Statistics of Copa

Start at: 2018-08-01 05:42:26
End at: 2018-08-01 05:42:56
Local clock offset: -0.055 ms
Remote clock offset: -0.071 ms

Below is generated by plot.py at 2018-08-01 09:38:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 325.15 Mbit/s
95th percentile per-packet one-way delay: 129.268 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 155.44 Mbit/s
95th percentile per-packet one-way delay: 95.876 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 170.17 Mbit/s
95th percentile per-packet one-way delay: 143.451 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 169.72 Mbit/s
95th percentile per-packet one-way delay: 114.720 ms
Loss rate: 0.32%

Run 3: Report of Copa — Data Link

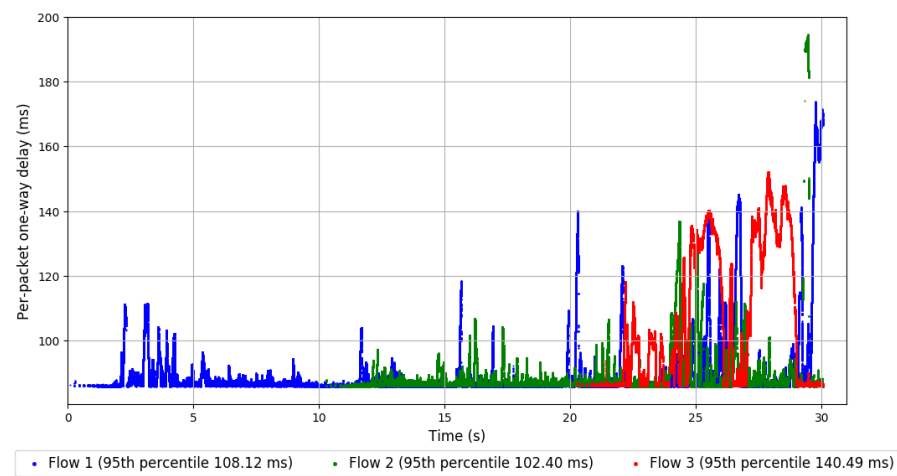
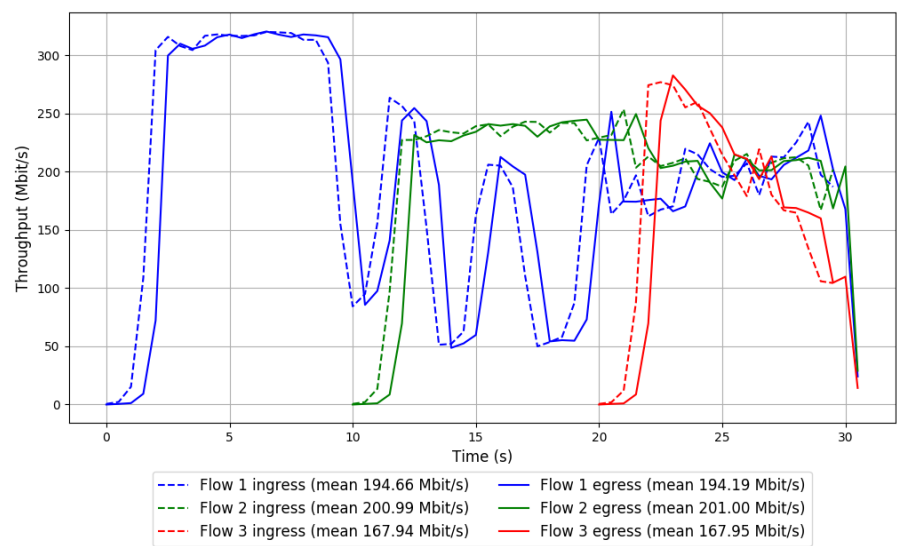


Run 4: Statistics of Copa

Start at: 2018-08-01 06:08:51
End at: 2018-08-01 06:09:21
Local clock offset: 0.207 ms
Remote clock offset: -0.092 ms

Below is generated by plot.py at 2018-08-01 09:38:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 383.84 Mbit/s
95th percentile per-packet one-way delay: 130.559 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 194.19 Mbit/s
95th percentile per-packet one-way delay: 108.120 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 201.00 Mbit/s
95th percentile per-packet one-way delay: 102.401 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 167.95 Mbit/s
95th percentile per-packet one-way delay: 140.486 ms
Loss rate: 0.00%

Run 4: Report of Copa — Data Link

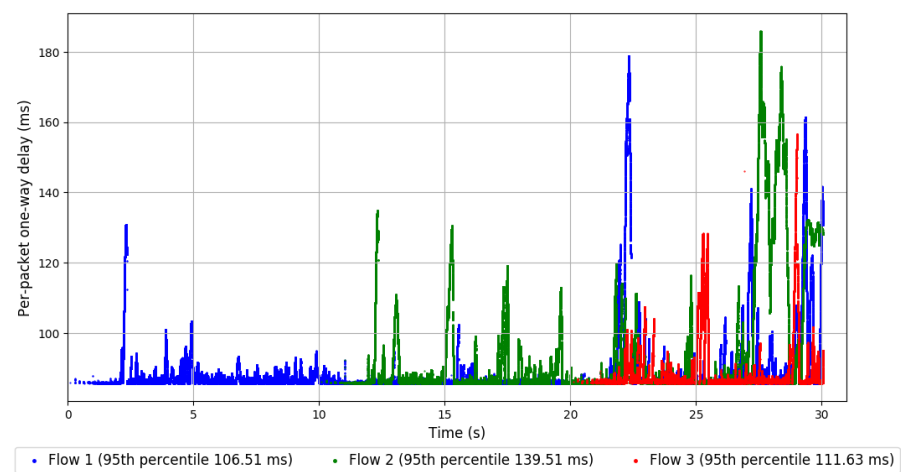
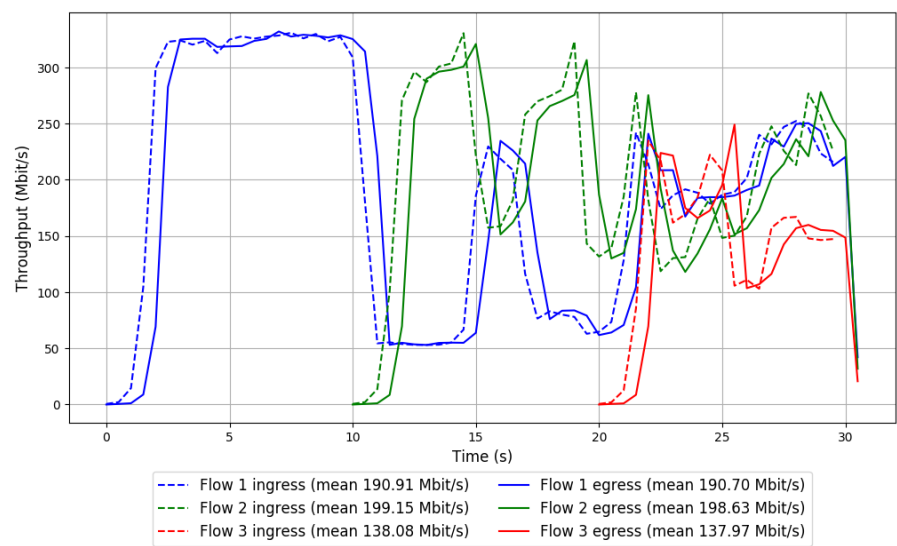


Run 5: Statistics of Copa

Start at: 2018-08-01 06:35:09
End at: 2018-08-01 06:35:39
Local clock offset: 0.241 ms
Remote clock offset: -0.042 ms

Below is generated by plot.py at 2018-08-01 09:38:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 368.86 Mbit/s
95th percentile per-packet one-way delay: 127.791 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 190.70 Mbit/s
95th percentile per-packet one-way delay: 106.514 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 198.63 Mbit/s
95th percentile per-packet one-way delay: 139.507 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 137.97 Mbit/s
95th percentile per-packet one-way delay: 111.634 ms
Loss rate: 0.06%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2018-08-01 07:01:32

End at: 2018-08-01 07:02:02

Local clock offset: -0.12 ms

Remote clock offset: -0.06 ms

Below is generated by plot.py at 2018-08-01 09:38:16

Datalink statistics

-- Total of 3 flows:

Average throughput: 416.04 Mbit/s

95th percentile per-packet one-way delay: 110.194 ms

Loss rate: 0.07%

-- Flow 1:

Average throughput: 250.95 Mbit/s

95th percentile per-packet one-way delay: 106.397 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 169.63 Mbit/s

95th percentile per-packet one-way delay: 101.300 ms

Loss rate: 0.00%

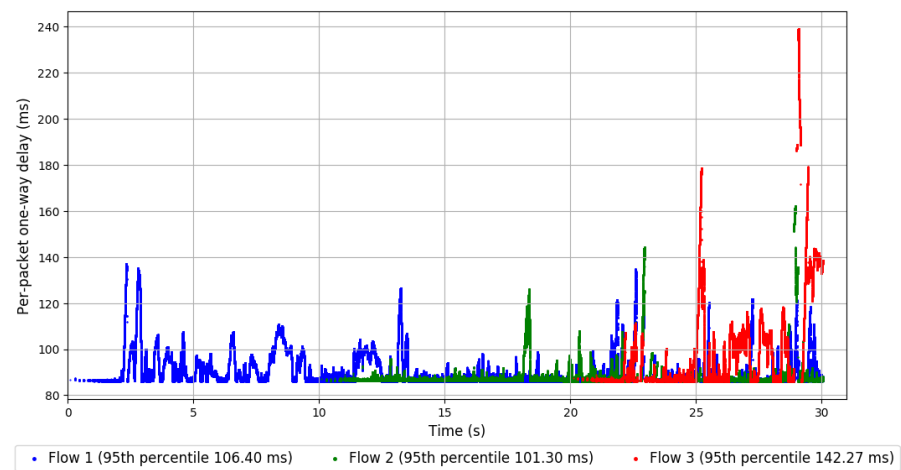
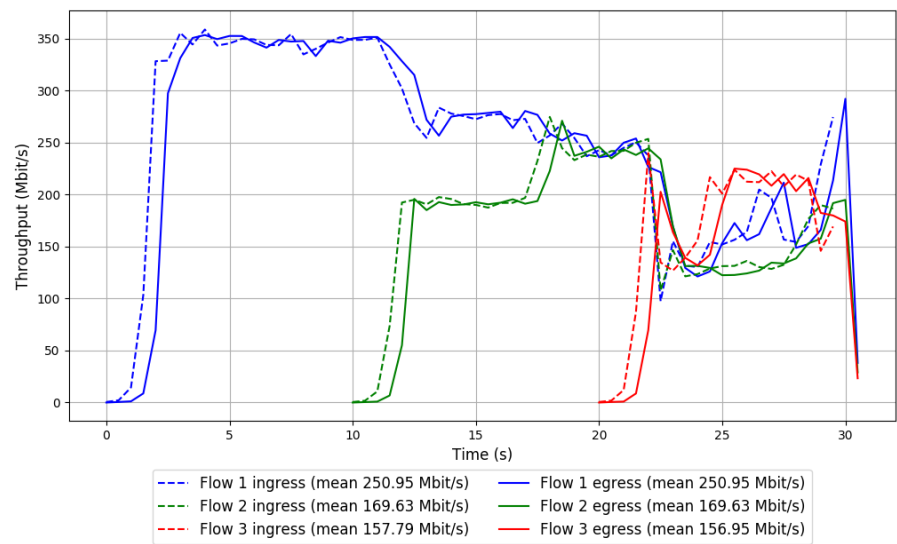
-- Flow 3:

Average throughput: 156.95 Mbit/s

95th percentile per-packet one-way delay: 142.274 ms

Loss rate: 0.54%

Run 6: Report of Copa — Data Link

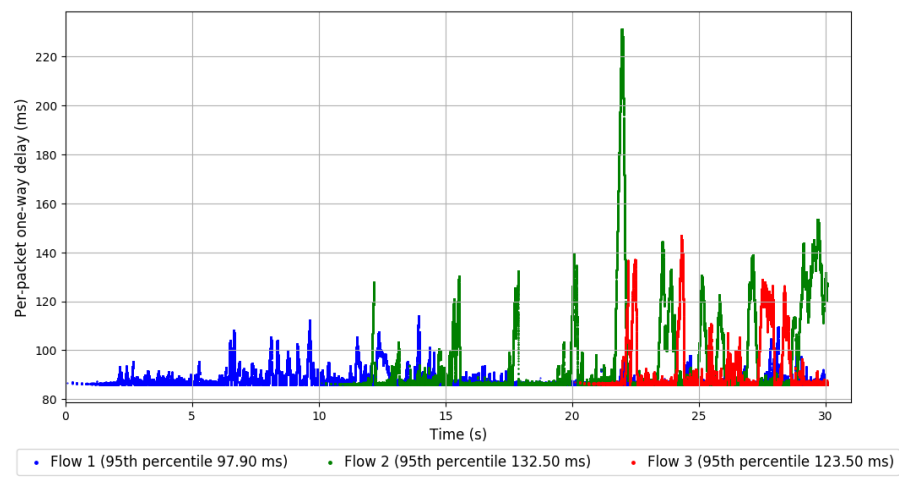
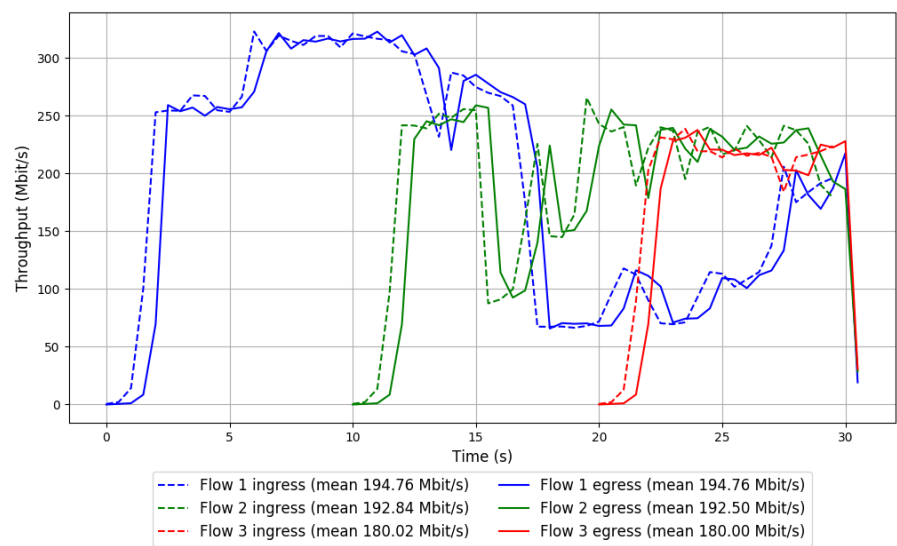


Run 7: Statistics of Copa

Start at: 2018-08-01 07:28:07
End at: 2018-08-01 07:28:37
Local clock offset: 0.071 ms
Remote clock offset: -0.066 ms

Below is generated by plot.py at 2018-08-01 09:41:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 382.78 Mbit/s
95th percentile per-packet one-way delay: 120.431 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 194.76 Mbit/s
95th percentile per-packet one-way delay: 97.899 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 192.50 Mbit/s
95th percentile per-packet one-way delay: 132.500 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 180.00 Mbit/s
95th percentile per-packet one-way delay: 123.505 ms
Loss rate: 0.00%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: 2018-08-01 07:54:28

End at: 2018-08-01 07:54:58

Local clock offset: 0.201 ms

Remote clock offset: -0.0 ms

Below is generated by plot.py at 2018-08-01 09:41:04

Datalink statistics

-- Total of 3 flows:

Average throughput: 338.40 Mbit/s

95th percentile per-packet one-way delay: 134.647 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 193.41 Mbit/s

95th percentile per-packet one-way delay: 114.920 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 141.82 Mbit/s

95th percentile per-packet one-way delay: 116.902 ms

Loss rate: 0.00%

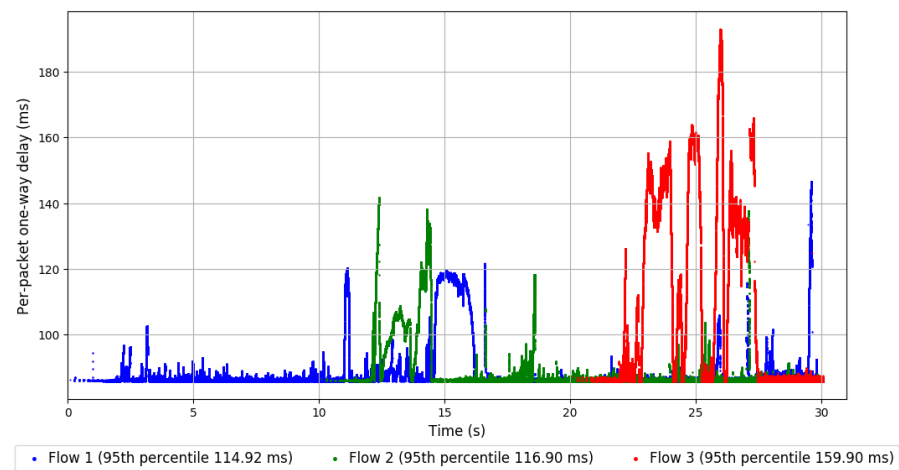
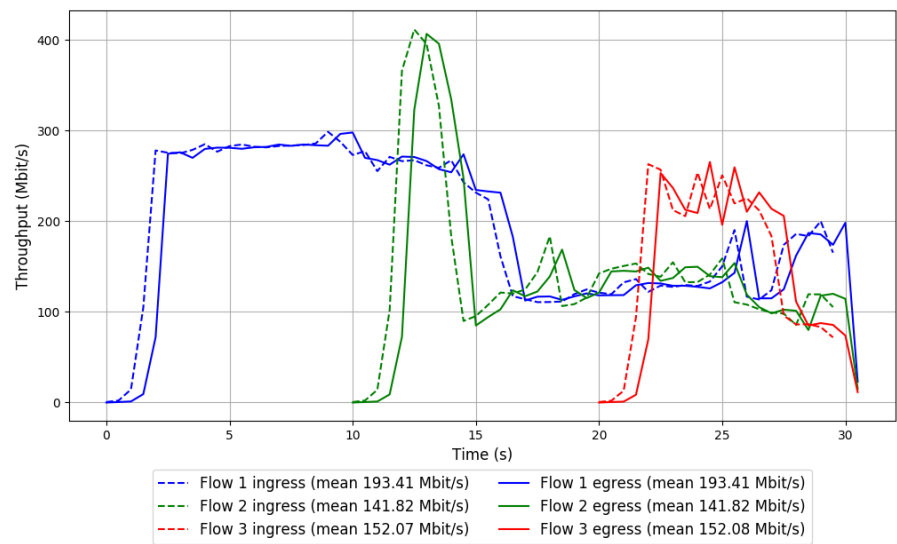
-- Flow 3:

Average throughput: 152.08 Mbit/s

95th percentile per-packet one-way delay: 159.896 ms

Loss rate: 0.00%

Run 8: Report of Copa — Data Link

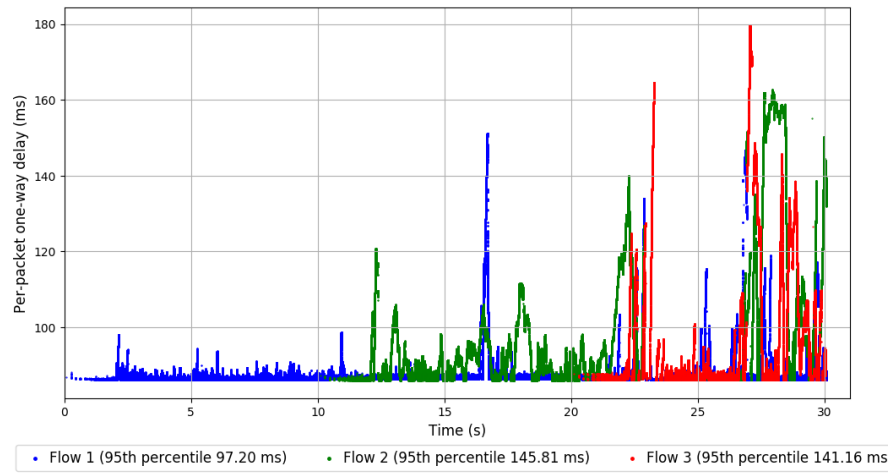
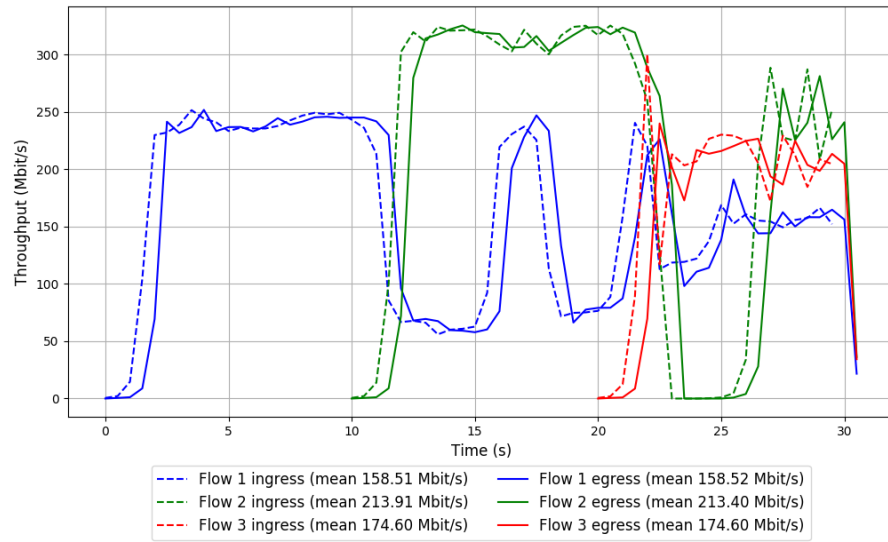


Run 9: Statistics of Copa

Start at: 2018-08-01 08:20:53
End at: 2018-08-01 08:21:23
Local clock offset: -0.034 ms
Remote clock offset: -0.075 ms

Below is generated by plot.py at 2018-08-01 09:47:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 358.60 Mbit/s
95th percentile per-packet one-way delay: 127.551 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 158.52 Mbit/s
95th percentile per-packet one-way delay: 97.200 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 213.40 Mbit/s
95th percentile per-packet one-way delay: 145.811 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 174.60 Mbit/s
95th percentile per-packet one-way delay: 141.161 ms
Loss rate: 0.00%

Run 9: Report of Copa — Data Link

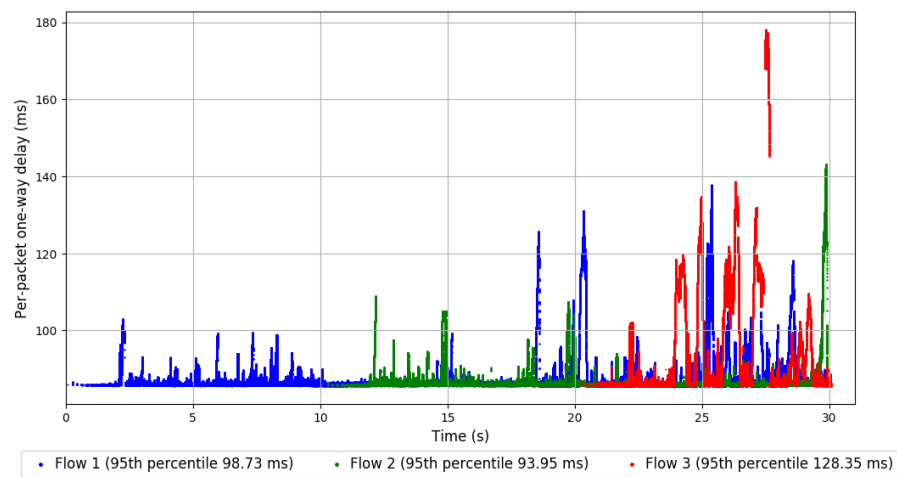
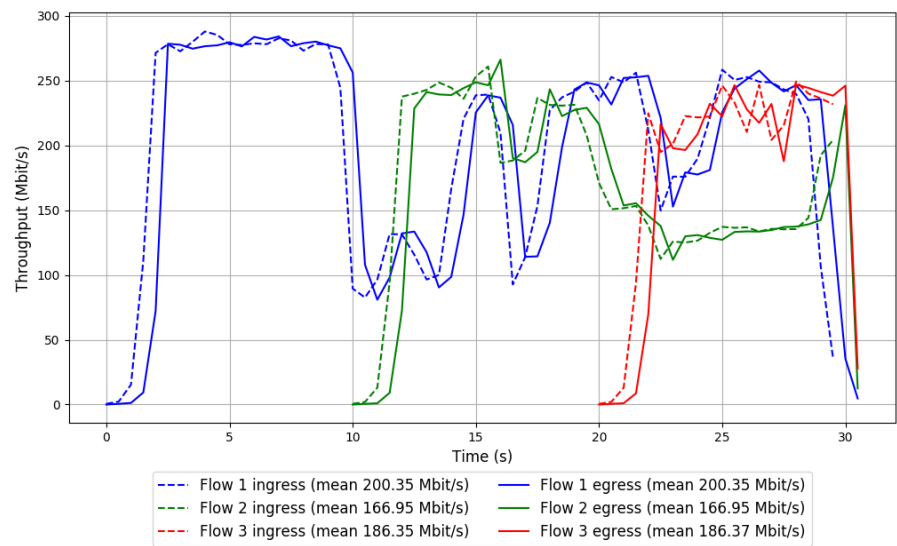


Run 10: Statistics of Copa

Start at: 2018-08-01 08:47:14
End at: 2018-08-01 08:47:44
Local clock offset: 0.402 ms
Remote clock offset: -0.085 ms

Below is generated by plot.py at 2018-08-01 09:48:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 373.33 Mbit/s
95th percentile per-packet one-way delay: 107.659 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 200.35 Mbit/s
95th percentile per-packet one-way delay: 98.731 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 166.95 Mbit/s
95th percentile per-packet one-way delay: 93.947 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 186.37 Mbit/s
95th percentile per-packet one-way delay: 128.349 ms
Loss rate: 0.00%

Run 10: Report of Copa — Data Link

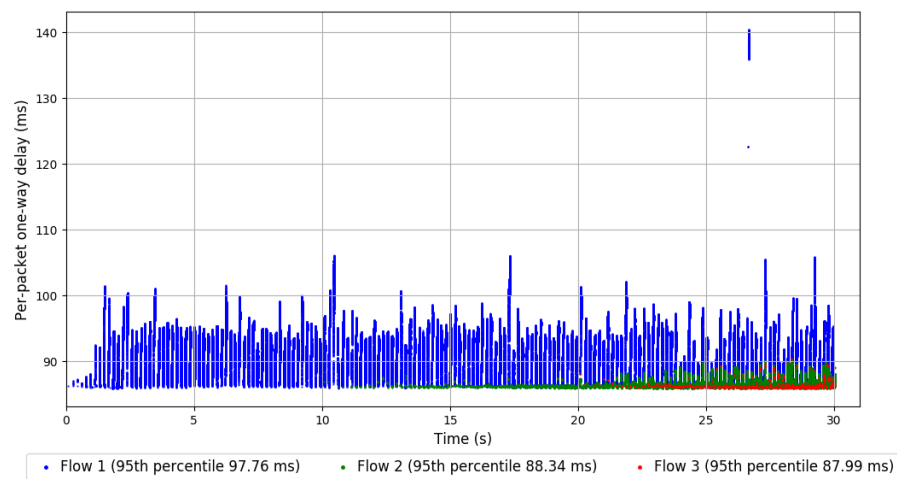
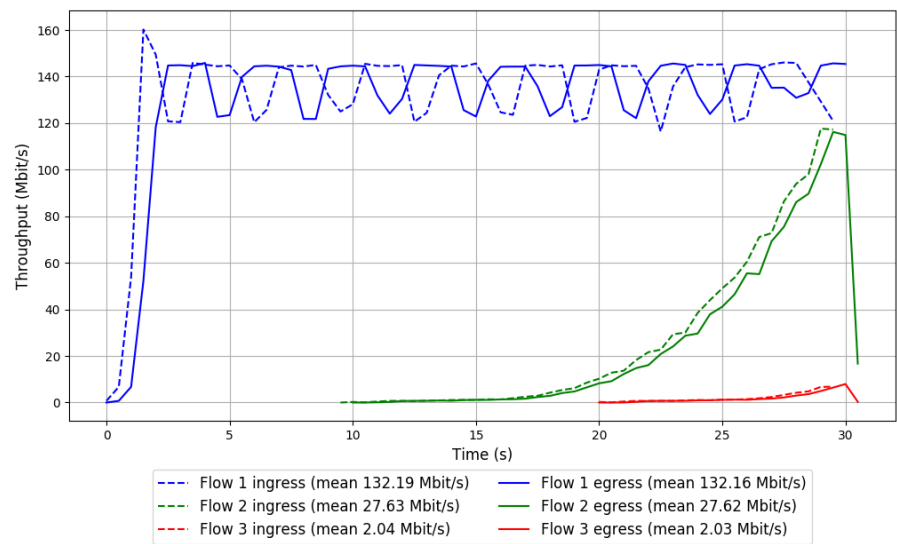


Run 1: Statistics of TCP Cubic

Start at: 2018-08-01 04:39:48
End at: 2018-08-01 04:40:18
Local clock offset: 0.176 ms
Remote clock offset: -0.083 ms

Below is generated by plot.py at 2018-08-01 09:48:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 150.92 Mbit/s
95th percentile per-packet one-way delay: 97.437 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 132.16 Mbit/s
95th percentile per-packet one-way delay: 97.764 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 27.62 Mbit/s
95th percentile per-packet one-way delay: 88.343 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 2.03 Mbit/s
95th percentile per-packet one-way delay: 87.989 ms
Loss rate: 0.59%

Run 1: Report of TCP Cubic — Data Link

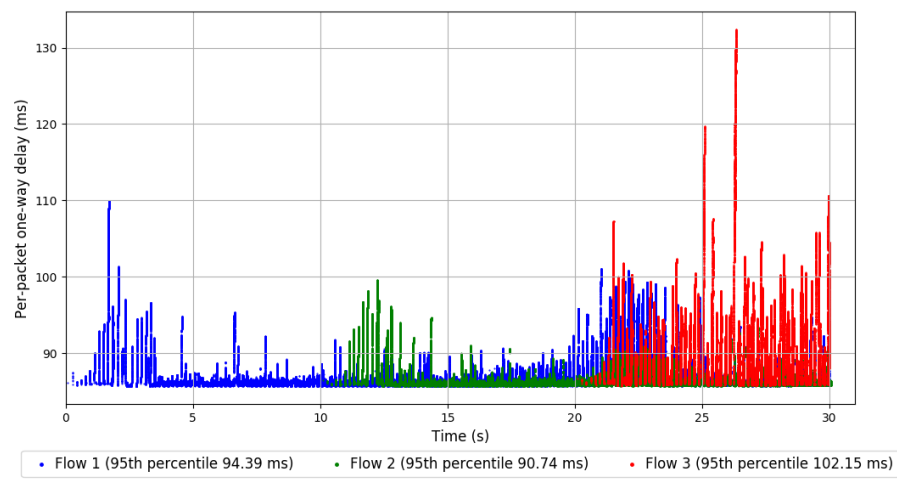
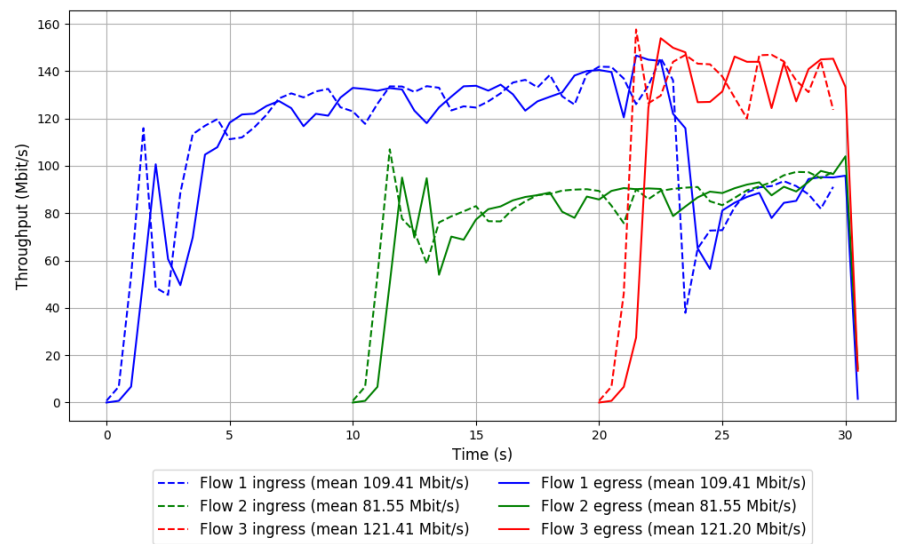


Run 2: Statistics of TCP Cubic

Start at: 2018-08-01 05:06:15
End at: 2018-08-01 05:06:45
Local clock offset: 0.209 ms
Remote clock offset: -0.175 ms

Below is generated by plot.py at 2018-08-01 09:48:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 203.74 Mbit/s
95th percentile per-packet one-way delay: 96.262 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 109.41 Mbit/s
95th percentile per-packet one-way delay: 94.391 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 81.55 Mbit/s
95th percentile per-packet one-way delay: 90.739 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 121.20 Mbit/s
95th percentile per-packet one-way delay: 102.147 ms
Loss rate: 0.00%

Run 2: Report of TCP Cubic — Data Link

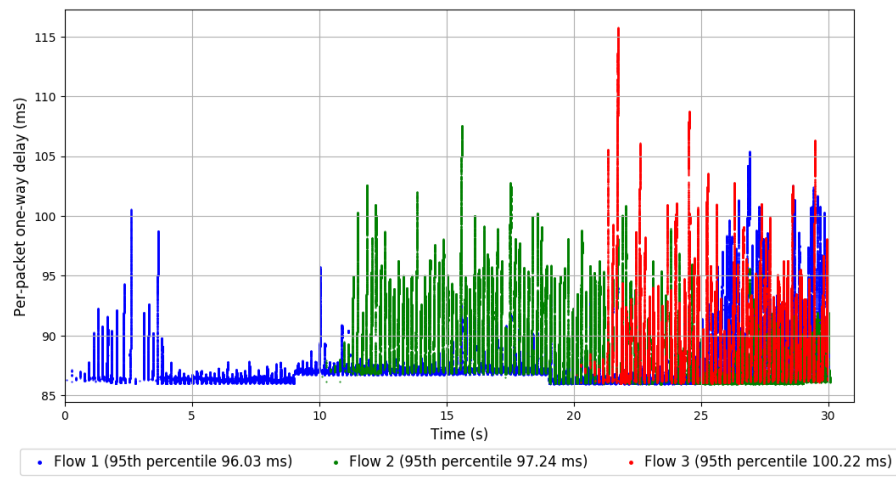
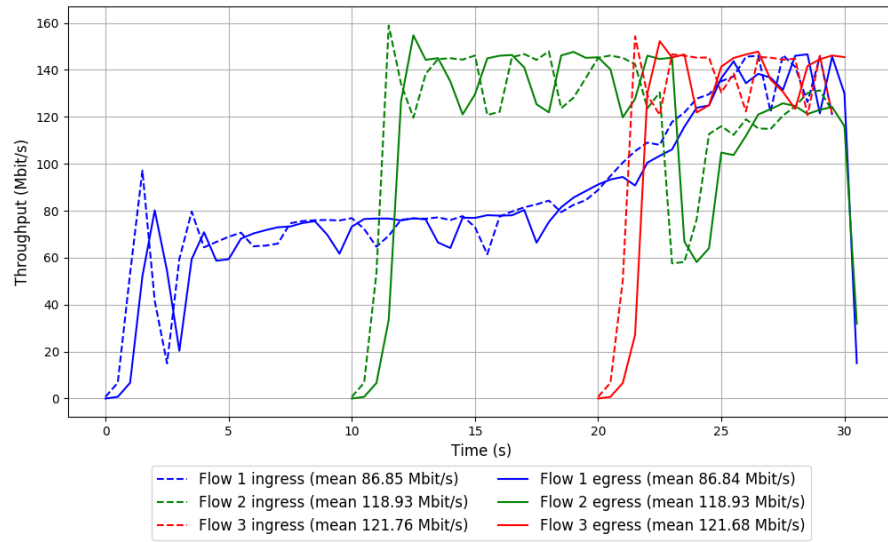


Run 3: Statistics of TCP Cubic

Start at: 2018-08-01 05:32:34
End at: 2018-08-01 05:33:04
Local clock offset: 0.008 ms
Remote clock offset: -0.093 ms

Below is generated by plot.py at 2018-08-01 09:48:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 205.99 Mbit/s
95th percentile per-packet one-way delay: 97.600 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 86.84 Mbit/s
95th percentile per-packet one-way delay: 96.032 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 118.93 Mbit/s
95th percentile per-packet one-way delay: 97.239 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 121.68 Mbit/s
95th percentile per-packet one-way delay: 100.223 ms
Loss rate: 0.00%

Run 3: Report of TCP Cubic — Data Link

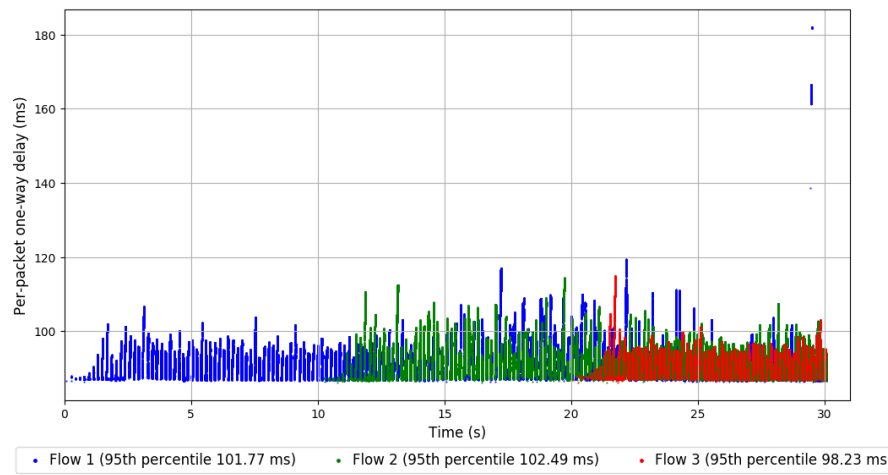
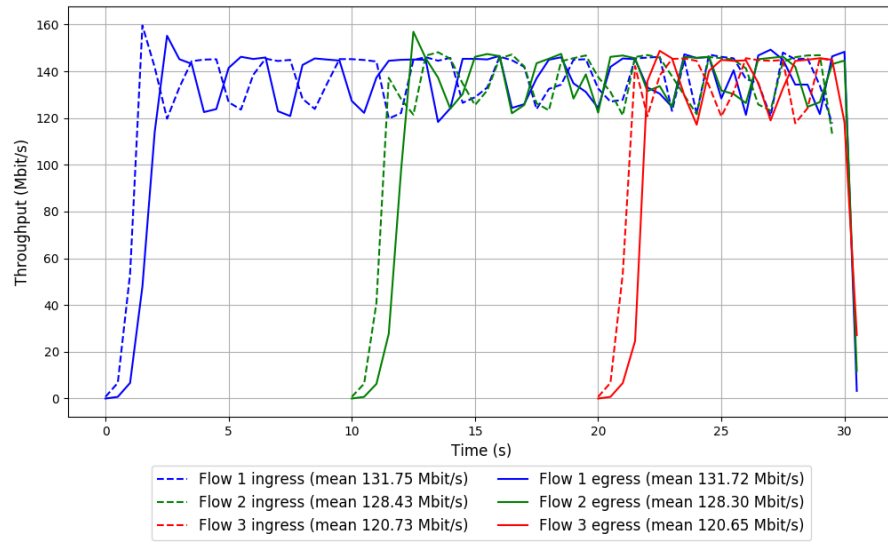


Run 4: Statistics of TCP Cubic

Start at: 2018-08-01 05:58:49
End at: 2018-08-01 05:59:19
Local clock offset: -0.067 ms
Remote clock offset: -0.093 ms

Below is generated by plot.py at 2018-08-01 09:48:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 257.11 Mbit/s
95th percentile per-packet one-way delay: 101.738 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 131.72 Mbit/s
95th percentile per-packet one-way delay: 101.769 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 128.30 Mbit/s
95th percentile per-packet one-way delay: 102.491 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 120.65 Mbit/s
95th percentile per-packet one-way delay: 98.234 ms
Loss rate: 0.00%

Run 4: Report of TCP Cubic — Data Link

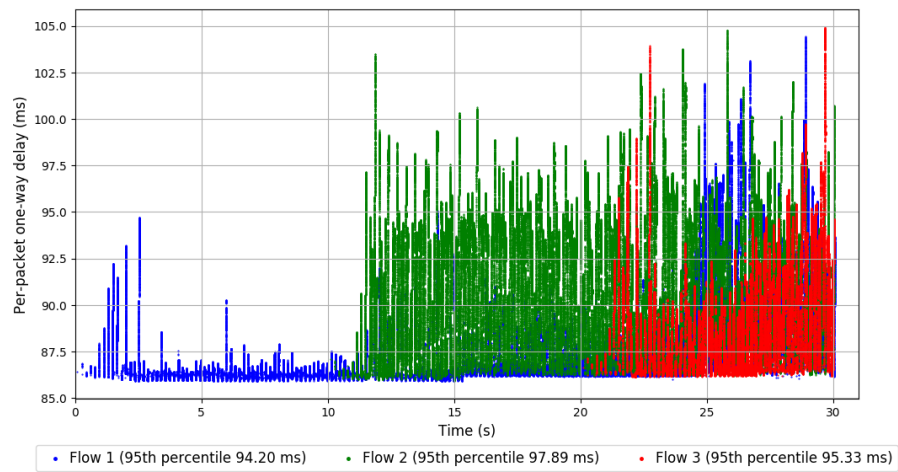
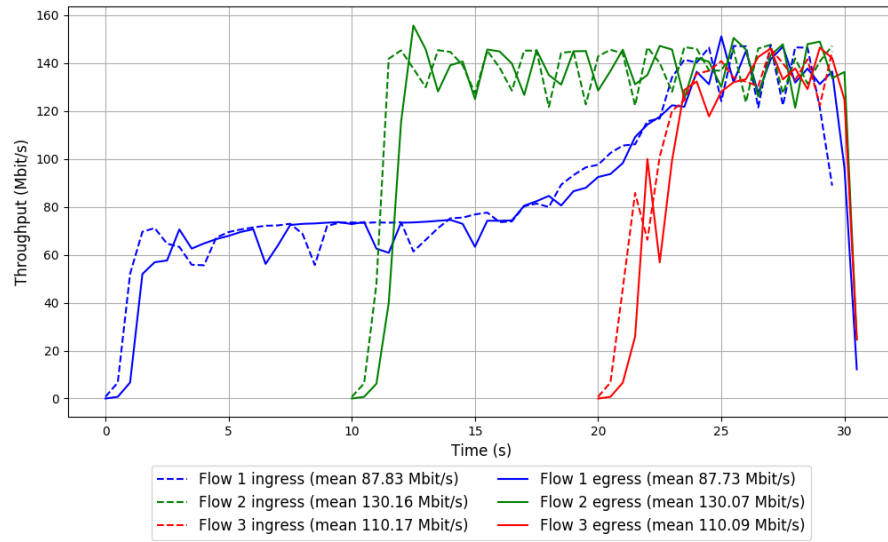


Run 5: Statistics of TCP Cubic

Start at: 2018-08-01 06:25:18
End at: 2018-08-01 06:25:48
Local clock offset: 0.088 ms
Remote clock offset: -0.055 ms

Below is generated by plot.py at 2018-08-01 09:48:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 210.79 Mbit/s
95th percentile per-packet one-way delay: 96.681 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 87.73 Mbit/s
95th percentile per-packet one-way delay: 94.198 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 130.07 Mbit/s
95th percentile per-packet one-way delay: 97.894 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 110.09 Mbit/s
95th percentile per-packet one-way delay: 95.332 ms
Loss rate: 0.00%

Run 5: Report of TCP Cubic — Data Link

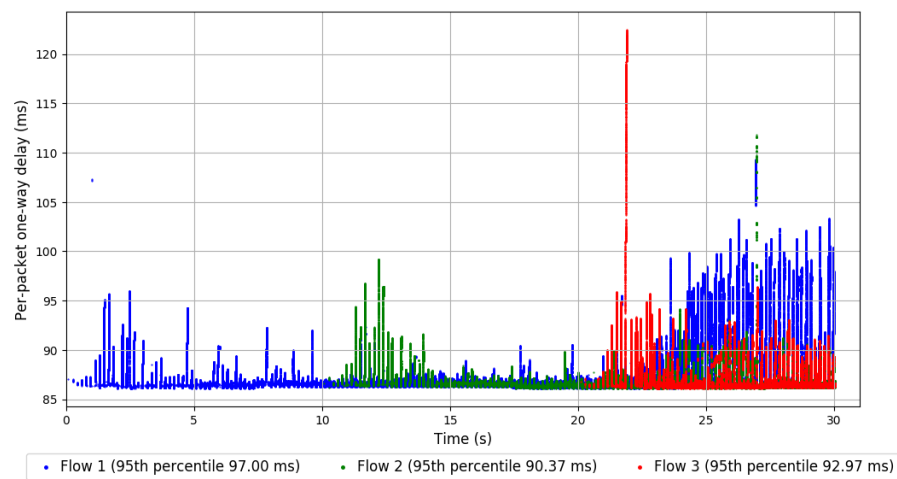
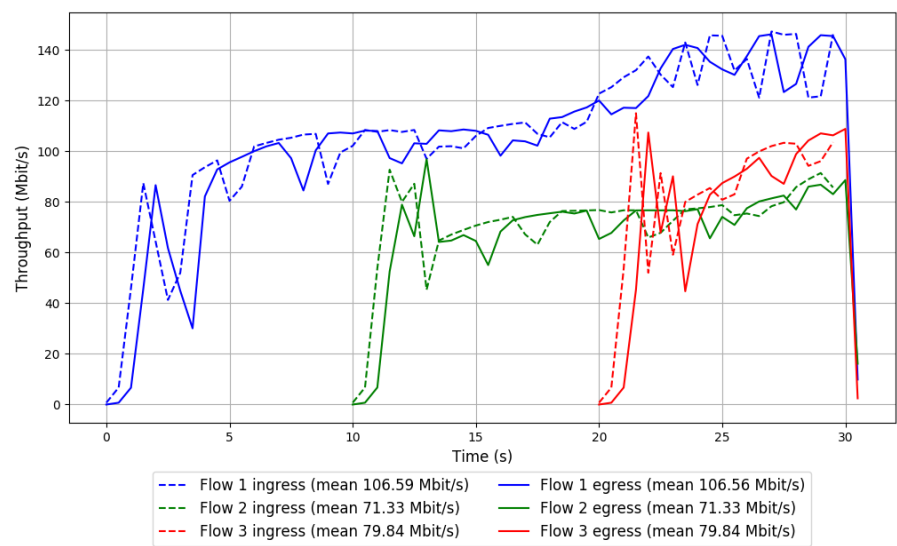


Run 6: Statistics of TCP Cubic

Start at: 2018-08-01 06:51:46
End at: 2018-08-01 06:52:16
Local clock offset: -0.085 ms
Remote clock offset: -0.014 ms

Below is generated by plot.py at 2018-08-01 09:48:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 180.42 Mbit/s
95th percentile per-packet one-way delay: 95.674 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 106.56 Mbit/s
95th percentile per-packet one-way delay: 97.002 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 71.33 Mbit/s
95th percentile per-packet one-way delay: 90.370 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 79.84 Mbit/s
95th percentile per-packet one-way delay: 92.970 ms
Loss rate: 0.00%

Run 6: Report of TCP Cubic — Data Link

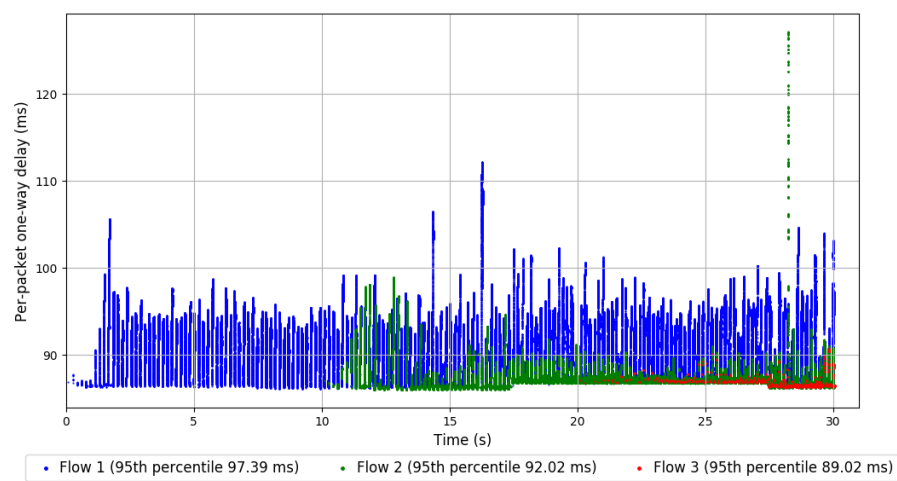
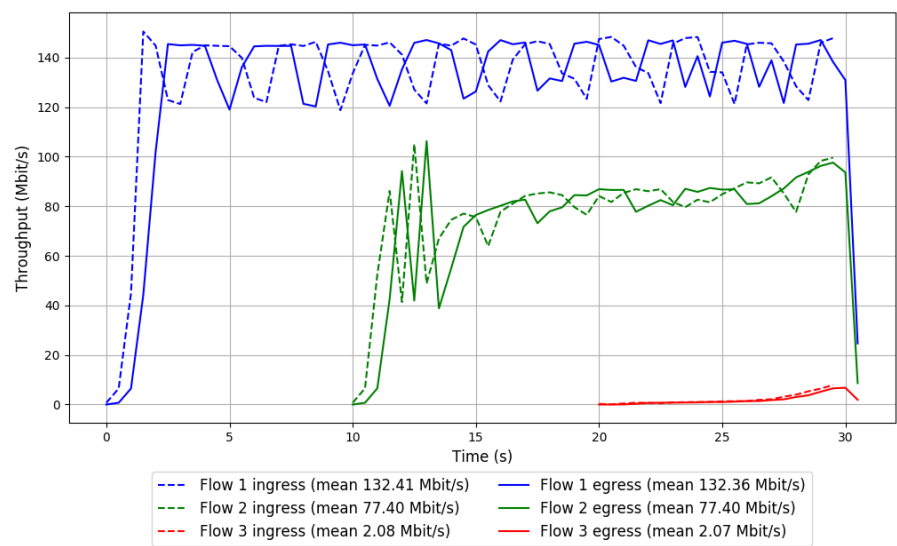


Run 7: Statistics of TCP Cubic

Start at: 2018-08-01 07:18:16
End at: 2018-08-01 07:18:46
Local clock offset: -0.0 ms
Remote clock offset: -0.066 ms

Below is generated by plot.py at 2018-08-01 09:48:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 184.43 Mbit/s
95th percentile per-packet one-way delay: 96.727 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 132.36 Mbit/s
95th percentile per-packet one-way delay: 97.391 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 77.40 Mbit/s
95th percentile per-packet one-way delay: 92.016 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.07 Mbit/s
95th percentile per-packet one-way delay: 89.021 ms
Loss rate: 0.58%

Run 7: Report of TCP Cubic — Data Link

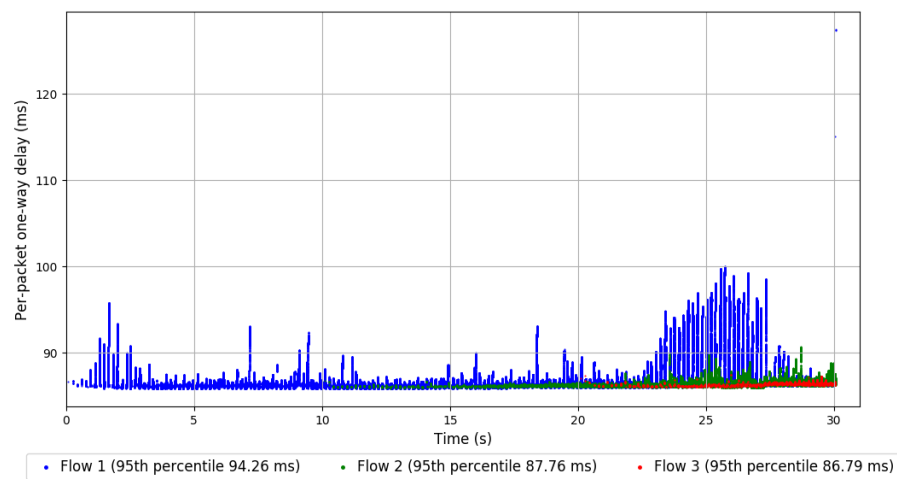
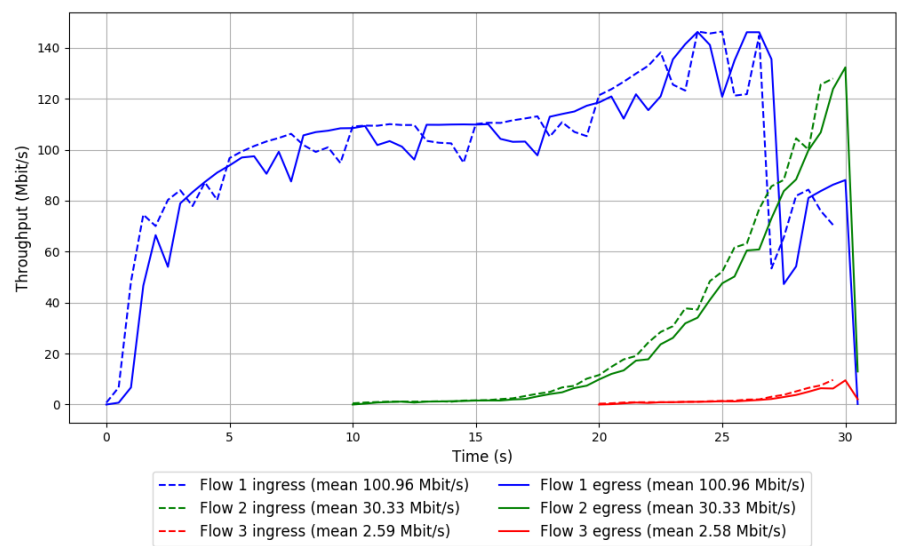


Run 8: Statistics of TCP Cubic

Start at: 2018-08-01 07:44:46
End at: 2018-08-01 07:45:16
Local clock offset: 0.067 ms
Remote clock offset: -0.077 ms

Below is generated by plot.py at 2018-08-01 09:48:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 122.00 Mbit/s
95th percentile per-packet one-way delay: 93.819 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 100.96 Mbit/s
95th percentile per-packet one-way delay: 94.264 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 30.33 Mbit/s
95th percentile per-packet one-way delay: 87.757 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 2.58 Mbit/s
95th percentile per-packet one-way delay: 86.790 ms
Loss rate: 0.37%

Run 8: Report of TCP Cubic — Data Link

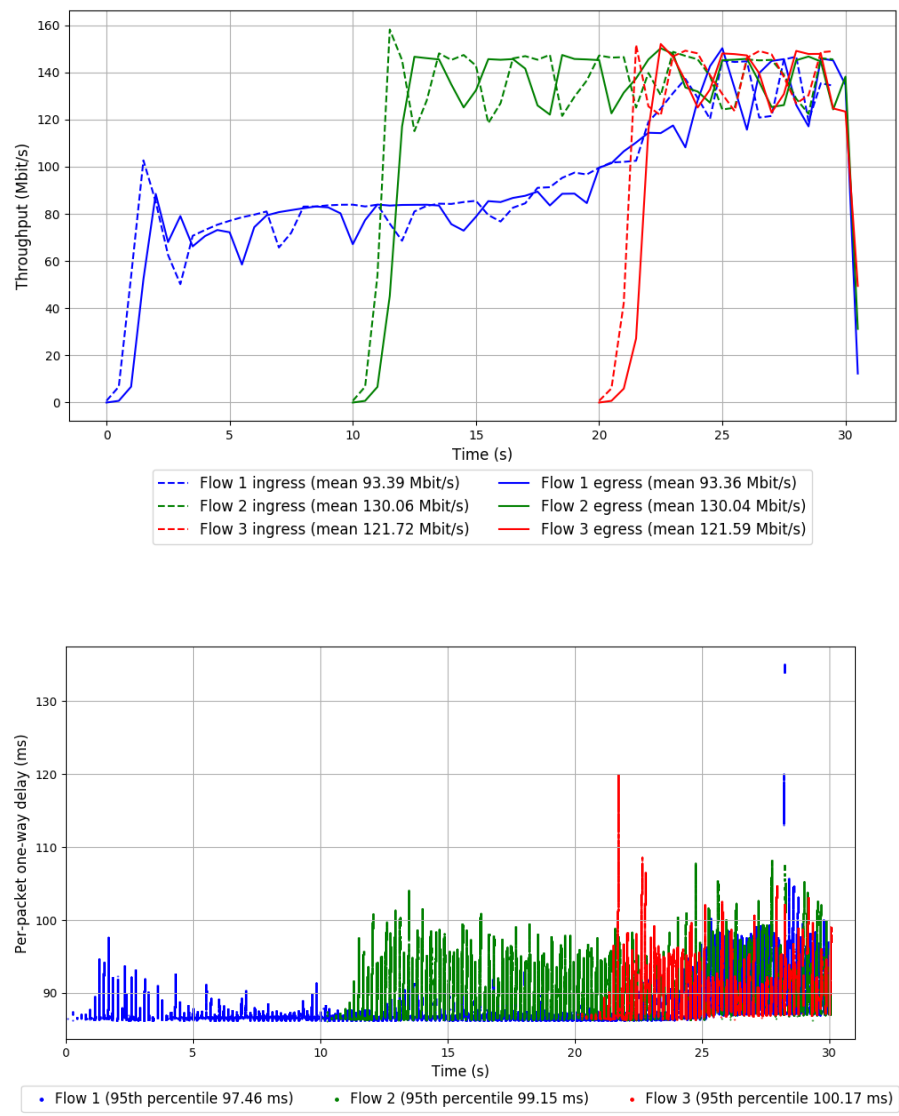


Run 9: Statistics of TCP Cubic

Start at: 2018-08-01 08:11:08
End at: 2018-08-01 08:11:38
Local clock offset: -0.027 ms
Remote clock offset: -0.052 ms

Below is generated by plot.py at 2018-08-01 09:48:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 220.17 Mbit/s
95th percentile per-packet one-way delay: 98.340 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 93.36 Mbit/s
95th percentile per-packet one-way delay: 97.462 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 130.04 Mbit/s
95th percentile per-packet one-way delay: 99.149 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 121.59 Mbit/s
95th percentile per-packet one-way delay: 100.168 ms
Loss rate: 0.00%

Run 9: Report of TCP Cubic — Data Link

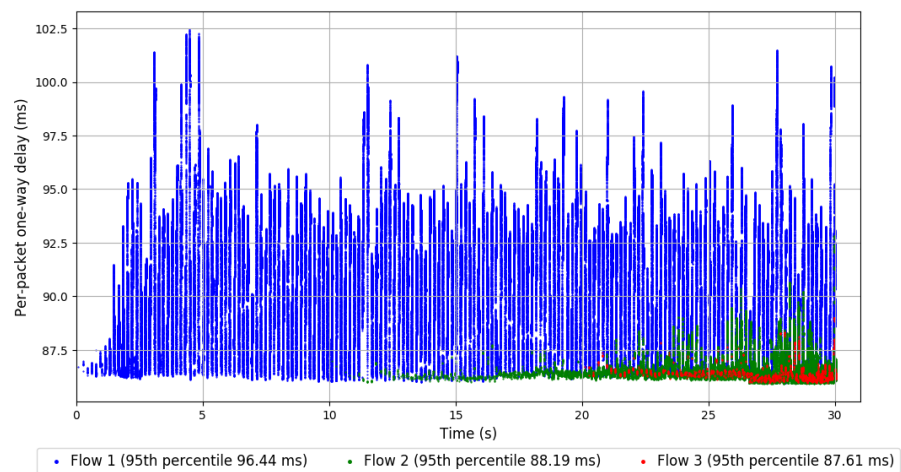
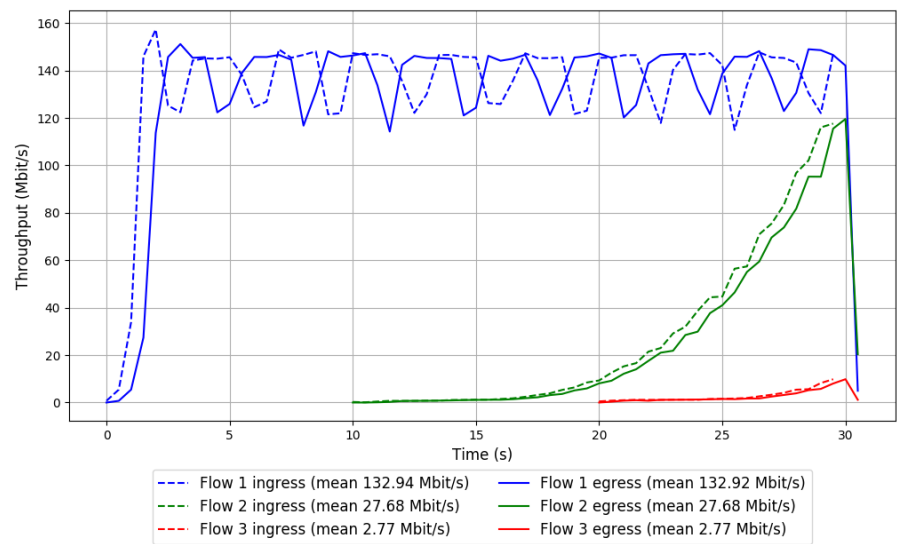


Run 10: Statistics of TCP Cubic

Start at: 2018-08-01 08:37:27
End at: 2018-08-01 08:37:57
Local clock offset: 0.123 ms
Remote clock offset: -0.078 ms

Below is generated by plot.py at 2018-08-01 09:48:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 152.06 Mbit/s
95th percentile per-packet one-way delay: 96.086 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 132.92 Mbit/s
95th percentile per-packet one-way delay: 96.437 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 27.68 Mbit/s
95th percentile per-packet one-way delay: 88.193 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 2.77 Mbit/s
95th percentile per-packet one-way delay: 87.609 ms
Loss rate: 0.22%

Run 10: Report of TCP Cubic — Data Link

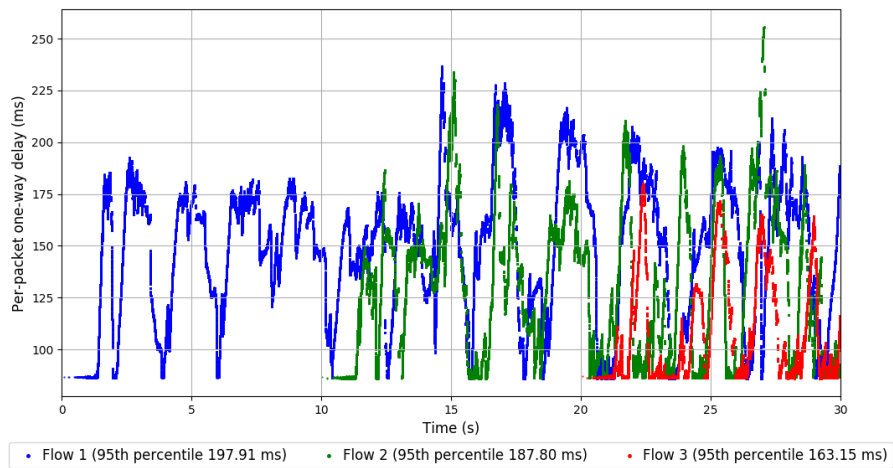
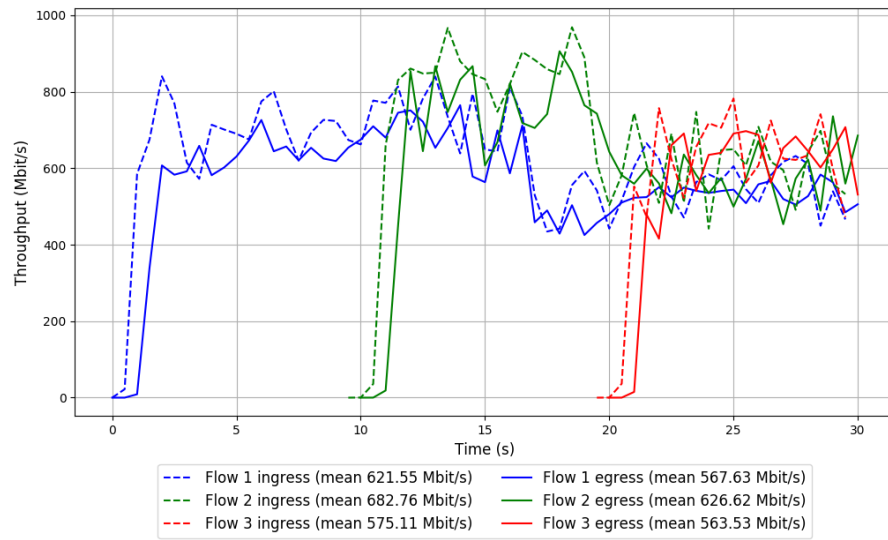


```
Run 1: Statistics of FillP

Start at: 2018-08-01 04:44:25
End at: 2018-08-01 04:44:55
Local clock offset: -0.029 ms
Remote clock offset: -0.09 ms

# Below is generated by plot.py at 2018-08-01 10:08:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1172.84 Mbit/s
95th percentile per-packet one-way delay: 191.989 ms
Loss rate: 7.51%
-- Flow 1:
Average throughput: 567.63 Mbit/s
95th percentile per-packet one-way delay: 197.905 ms
Loss rate: 8.67%
-- Flow 2:
Average throughput: 626.62 Mbit/s
95th percentile per-packet one-way delay: 187.801 ms
Loss rate: 8.22%
-- Flow 3:
Average throughput: 563.53 Mbit/s
95th percentile per-packet one-way delay: 163.147 ms
Loss rate: 2.01%
```

Run 1: Report of FillP — Data Link

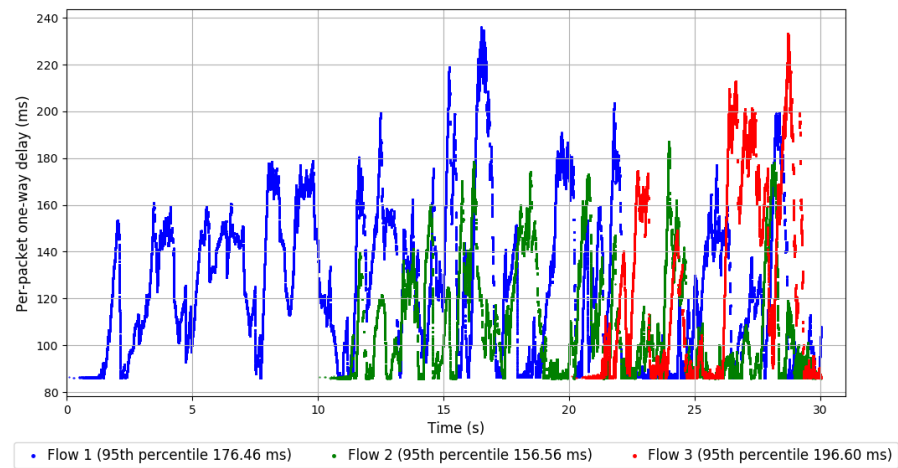
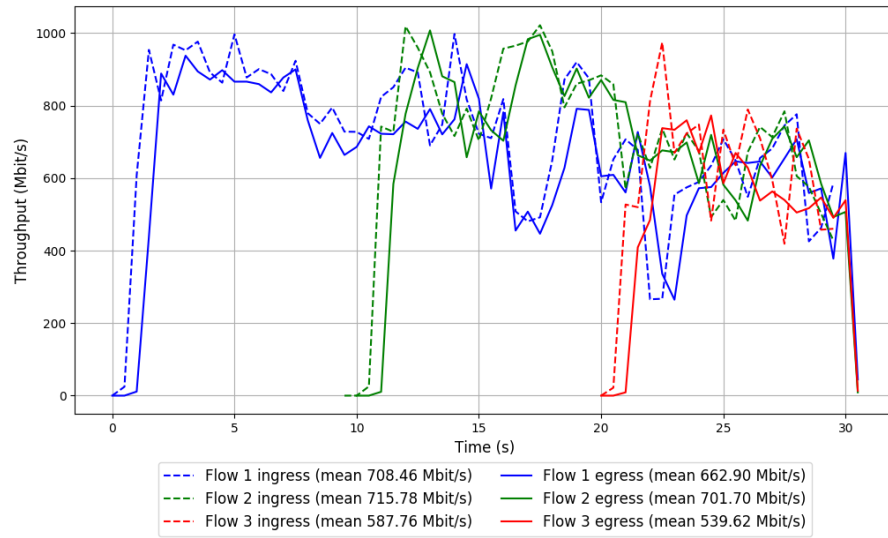


Run 2: Statistics of FillP

Start at: 2018-08-01 05:10:50
End at: 2018-08-01 05:11:20
Local clock offset: 0.054 ms
Remote clock offset: -0.112 ms

Below is generated by plot.py at 2018-08-01 10:11:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 1309.21 Mbit/s
95th percentile per-packet one-way delay: 175.215 ms
Loss rate: 5.14%
-- Flow 1:
Average throughput: 662.90 Mbit/s
95th percentile per-packet one-way delay: 176.457 ms
Loss rate: 6.43%
-- Flow 2:
Average throughput: 701.70 Mbit/s
95th percentile per-packet one-way delay: 156.557 ms
Loss rate: 1.97%
-- Flow 3:
Average throughput: 539.62 Mbit/s
95th percentile per-packet one-way delay: 196.604 ms
Loss rate: 8.19%

Run 2: Report of FillP — Data Link

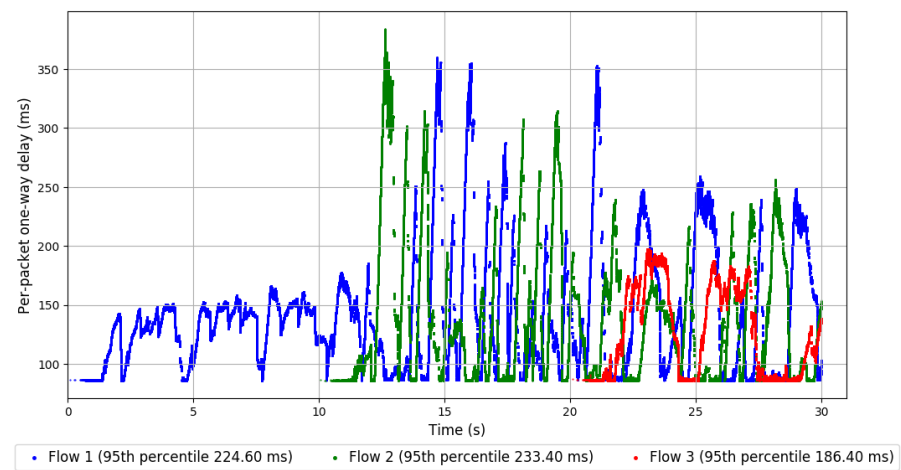
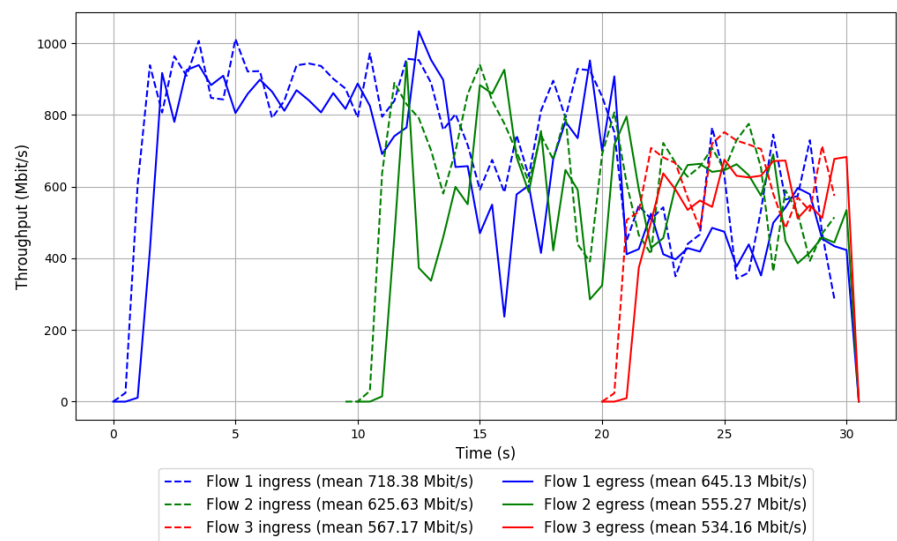


Run 3: Statistics of FillP

Start at: 2018-08-01 05:37:11
End at: 2018-08-01 05:37:41
Local clock offset: -0.023 ms
Remote clock offset: -0.104 ms

Below is generated by plot.py at 2018-08-01 10:11:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 1192.24 Mbit/s
95th percentile per-packet one-way delay: 222.438 ms
Loss rate: 9.90%
-- Flow 1:
Average throughput: 645.13 Mbit/s
95th percentile per-packet one-way delay: 224.598 ms
Loss rate: 10.19%
-- Flow 2:
Average throughput: 555.27 Mbit/s
95th percentile per-packet one-way delay: 233.402 ms
Loss rate: 11.24%
-- Flow 3:
Average throughput: 534.16 Mbit/s
95th percentile per-packet one-way delay: 186.396 ms
Loss rate: 5.82%

Run 3: Report of FillP — Data Link

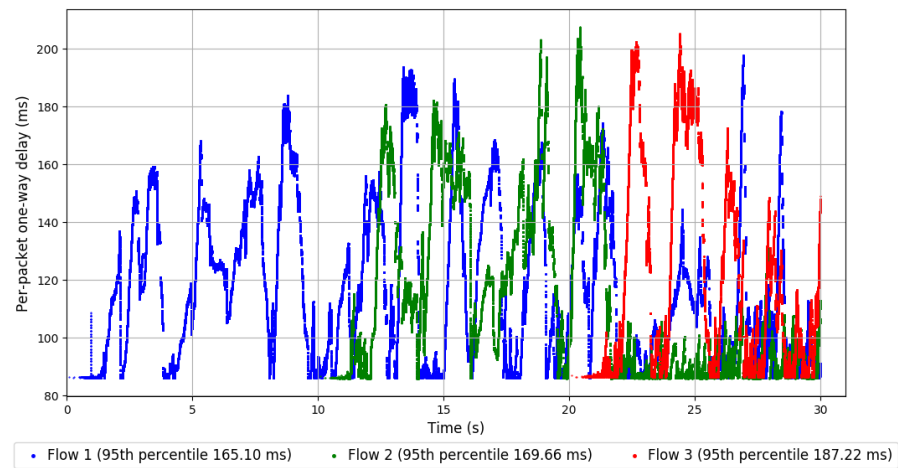
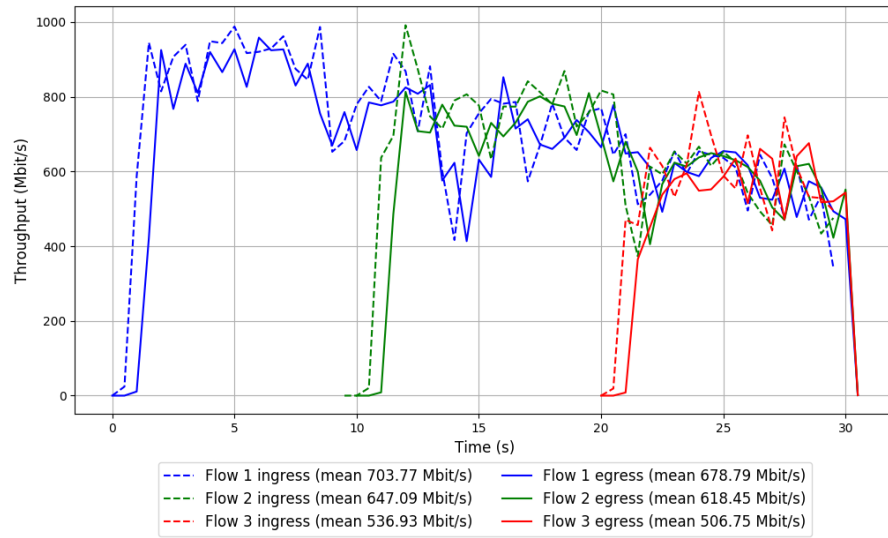


Run 4: Statistics of FillP

Start at: 2018-08-01 06:03:29
End at: 2018-08-01 06:03:59
Local clock offset: 0.127 ms
Remote clock offset: -0.095 ms

Below is generated by plot.py at 2018-08-01 10:11:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 1258.32 Mbit/s
95th percentile per-packet one-way delay: 172.602 ms
Loss rate: 4.11%
-- Flow 1:
Average throughput: 678.79 Mbit/s
95th percentile per-packet one-way delay: 165.097 ms
Loss rate: 3.55%
-- Flow 2:
Average throughput: 618.45 Mbit/s
95th percentile per-packet one-way delay: 169.664 ms
Loss rate: 4.42%
-- Flow 3:
Average throughput: 506.75 Mbit/s
95th percentile per-packet one-way delay: 187.225 ms
Loss rate: 5.61%

Run 4: Report of FillP — Data Link

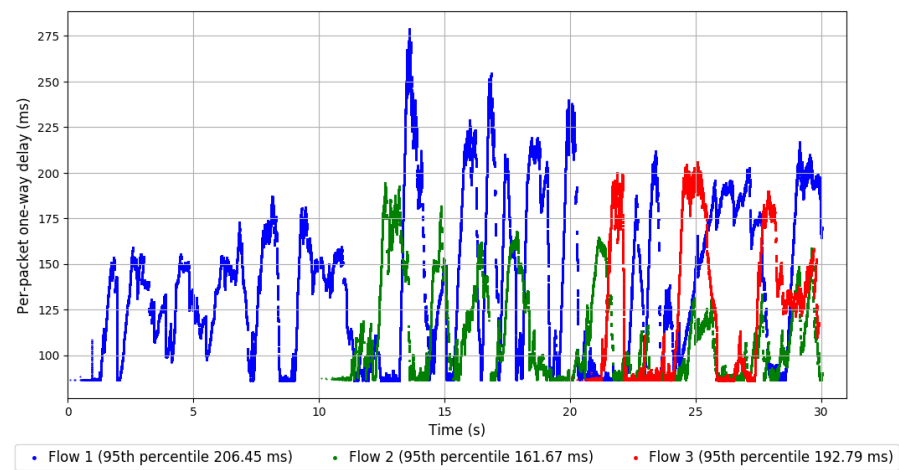
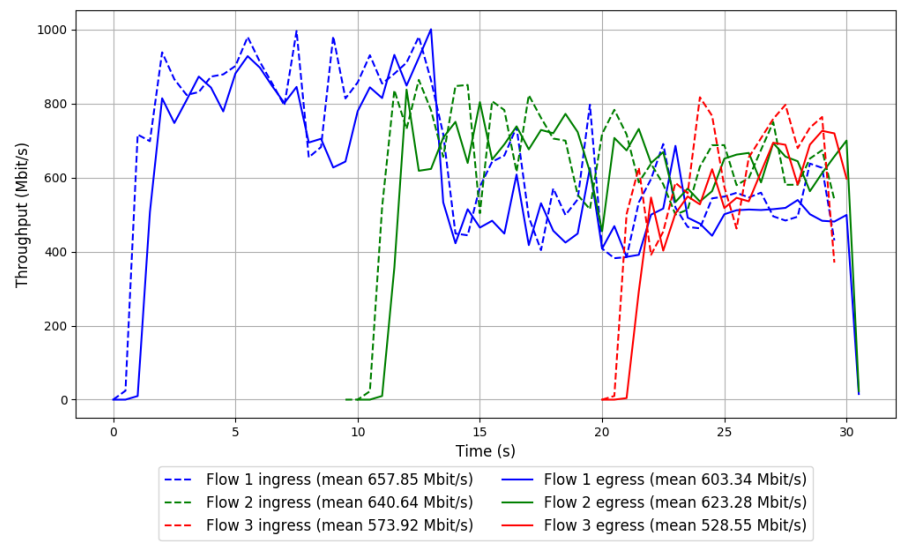


Run 5: Statistics of FillP

Start at: 2018-08-01 06:29:58
End at: 2018-08-01 06:30:28
Local clock offset: -0.065 ms
Remote clock offset: -0.024 ms

Below is generated by plot.py at 2018-08-01 10:11:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 1191.37 Mbit/s
95th percentile per-packet one-way delay: 194.990 ms
Loss rate: 6.32%
-- Flow 1:
Average throughput: 603.34 Mbit/s
95th percentile per-packet one-way delay: 206.446 ms
Loss rate: 8.28%
-- Flow 2:
Average throughput: 623.28 Mbit/s
95th percentile per-packet one-way delay: 161.673 ms
Loss rate: 2.71%
-- Flow 3:
Average throughput: 528.55 Mbit/s
95th percentile per-packet one-way delay: 192.793 ms
Loss rate: 7.62%

Run 5: Report of FillP — Data Link

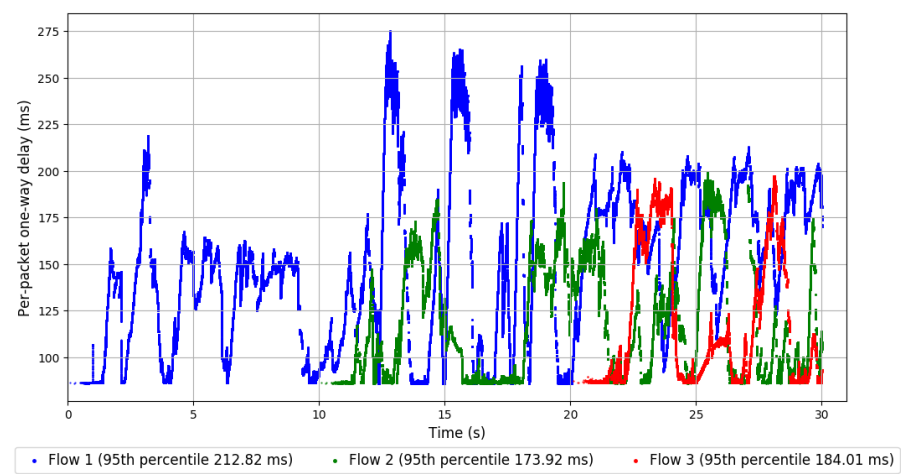
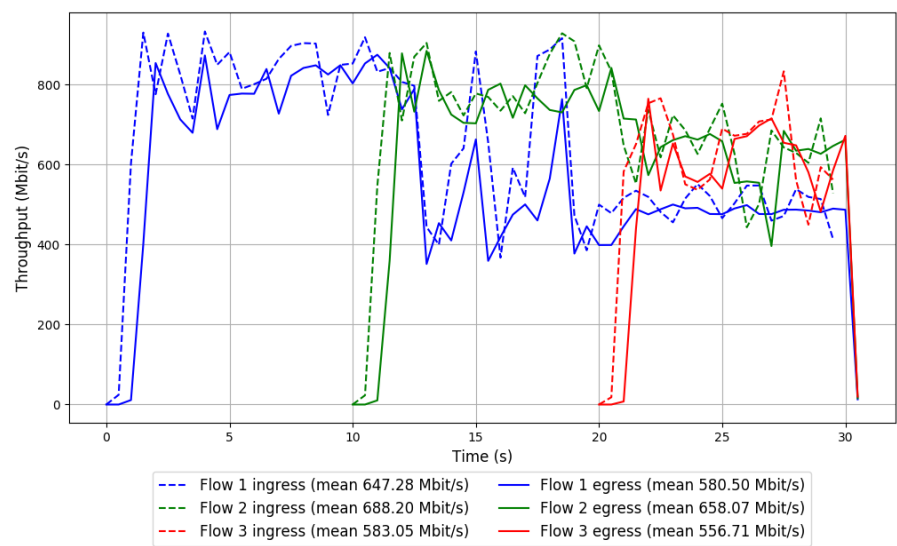


Run 6: Statistics of FillP

Start at: 2018-08-01 06:56:21
End at: 2018-08-01 06:56:51
Local clock offset: 0.064 ms
Remote clock offset: -0.054 ms

Below is generated by plot.py at 2018-08-01 10:11:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 1202.92 Mbit/s
95th percentile per-packet one-way delay: 197.328 ms
Loss rate: 7.36%
-- Flow 1:
Average throughput: 580.50 Mbit/s
95th percentile per-packet one-way delay: 212.821 ms
Loss rate: 10.32%
-- Flow 2:
Average throughput: 658.07 Mbit/s
95th percentile per-packet one-way delay: 173.923 ms
Loss rate: 4.38%
-- Flow 3:
Average throughput: 556.71 Mbit/s
95th percentile per-packet one-way delay: 184.011 ms
Loss rate: 4.51%

Run 6: Report of FillP — Data Link

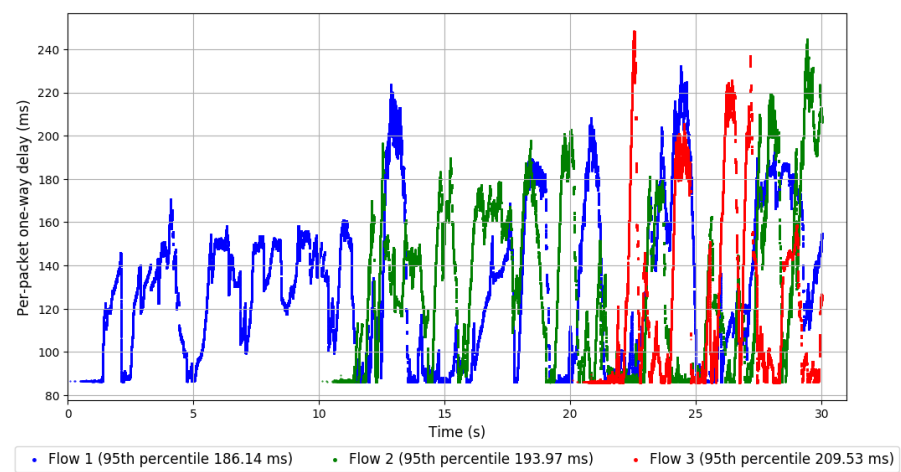
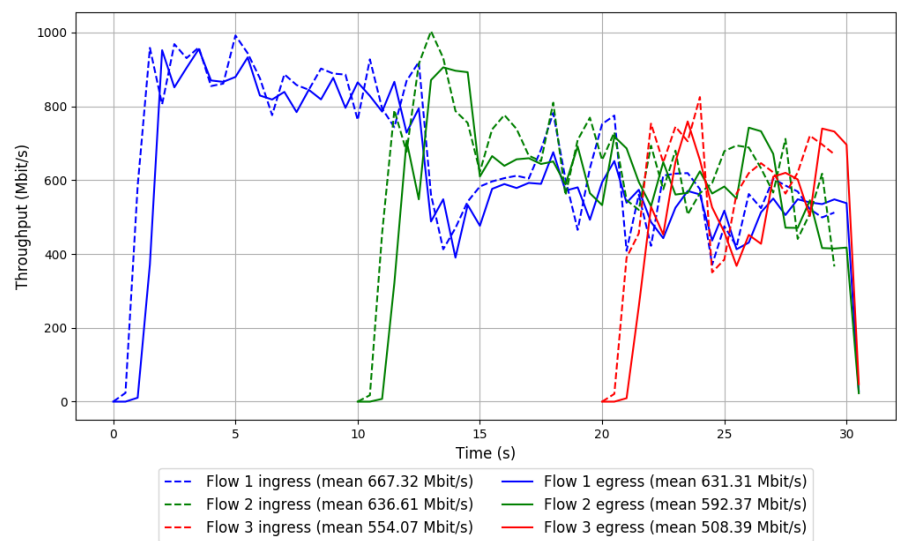


Run 7: Statistics of FillP

Start at: 2018-08-01 07:22:54
End at: 2018-08-01 07:23:24
Local clock offset: 0.075 ms
Remote clock offset: -0.043 ms

Below is generated by plot.py at 2018-08-01 10:12:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 1193.62 Mbit/s
95th percentile per-packet one-way delay: 192.935 ms
Loss rate: 6.32%
-- Flow 1:
Average throughput: 631.31 Mbit/s
95th percentile per-packet one-way delay: 186.142 ms
Loss rate: 5.40%
-- Flow 2:
Average throughput: 592.37 Mbit/s
95th percentile per-packet one-way delay: 193.966 ms
Loss rate: 6.95%
-- Flow 3:
Average throughput: 508.39 Mbit/s
95th percentile per-packet one-way delay: 209.525 ms
Loss rate: 8.25%

Run 7: Report of FillP — Data Link

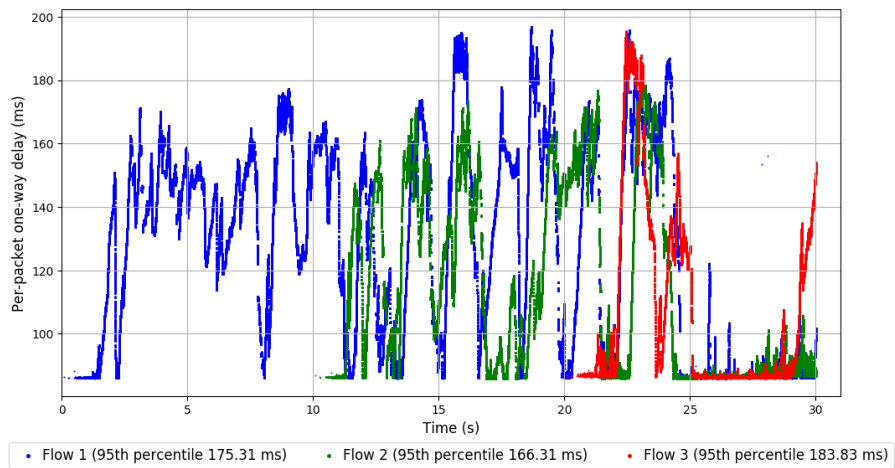
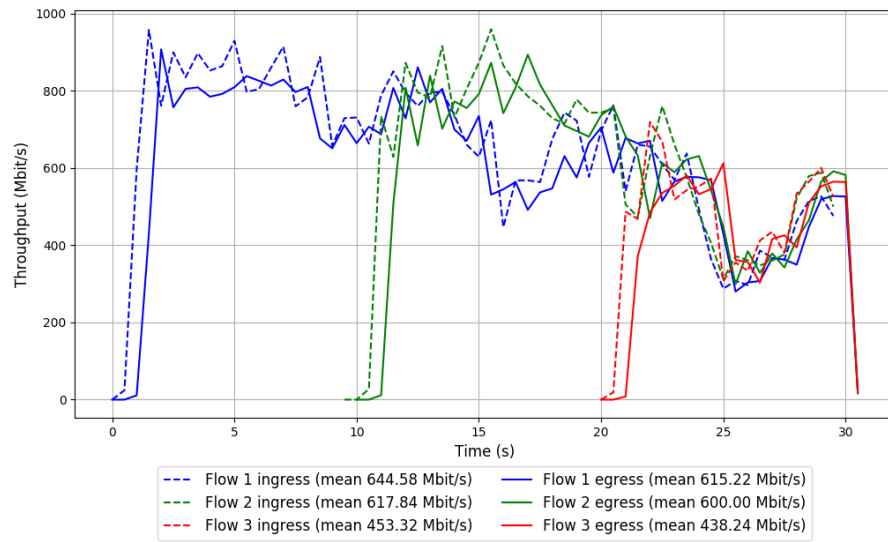


Run 8: Statistics of FillP

Start at: 2018-08-01 07:49:18
End at: 2018-08-01 07:49:48
Local clock offset: 0.078 ms
Remote clock offset: -0.046 ms

Below is generated by plot.py at 2018-08-01 10:14:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 1160.08 Mbit/s
95th percentile per-packet one-way delay: 172.064 ms
Loss rate: 3.84%
-- Flow 1:
Average throughput: 615.22 Mbit/s
95th percentile per-packet one-way delay: 175.315 ms
Loss rate: 4.56%
-- Flow 2:
Average throughput: 600.00 Mbit/s
95th percentile per-packet one-way delay: 166.306 ms
Loss rate: 2.89%
-- Flow 3:
Average throughput: 438.24 Mbit/s
95th percentile per-packet one-way delay: 183.829 ms
Loss rate: 3.33%

Run 8: Report of FillP — Data Link

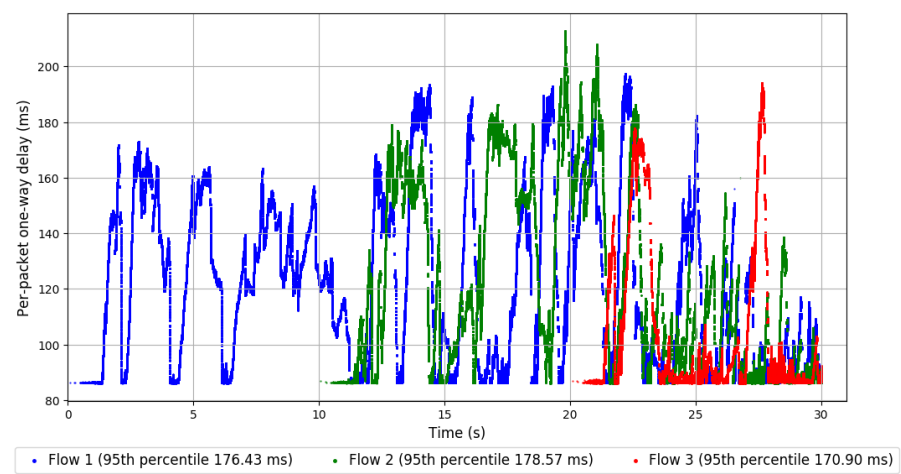
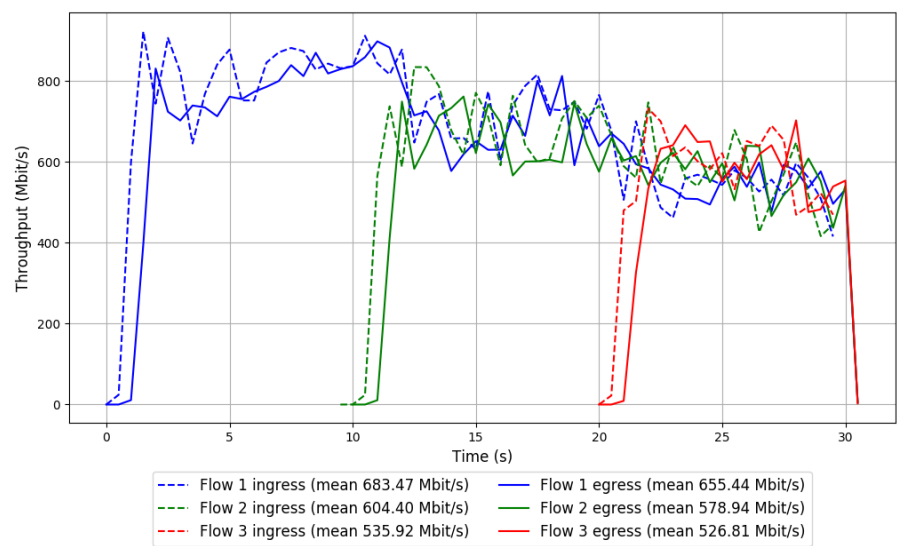


Run 9: Statistics of FillP

Start at: 2018-08-01 08:15:44
End at: 2018-08-01 08:16:14
Local clock offset: -0.071 ms
Remote clock offset: -0.043 ms

Below is generated by plot.py at 2018-08-01 10:34:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 1215.53 Mbit/s
95th percentile per-packet one-way delay: 176.730 ms
Loss rate: 3.79%
-- Flow 1:
Average throughput: 655.44 Mbit/s
95th percentile per-packet one-way delay: 176.426 ms
Loss rate: 4.10%
-- Flow 2:
Average throughput: 578.94 Mbit/s
95th percentile per-packet one-way delay: 178.570 ms
Loss rate: 4.21%
-- Flow 3:
Average throughput: 526.81 Mbit/s
95th percentile per-packet one-way delay: 170.901 ms
Loss rate: 1.65%

Run 9: Report of FillP — Data Link



Run 10: Statistics of FillP

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

End at: 2018-08-01 08:42:32

Local clock offset: 0.151 ms

Remote clock offset: -0.11 ms

Below is generated by plot.py at 2018-08-01 10:37:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 1279.10 Mbit/s

95th percentile per-packet one-way delay: 172.671 ms

Loss rate: 4.04%

-- Flow 1:

Average throughput: 715.30 Mbit/s

95th percentile per-packet one-way delay: 161.149 ms

Loss rate: 3.50%

-- Flow 2:

Average throughput: 578.49 Mbit/s

95th percentile per-packet one-way delay: 184.576 ms

Loss rate: 6.34%

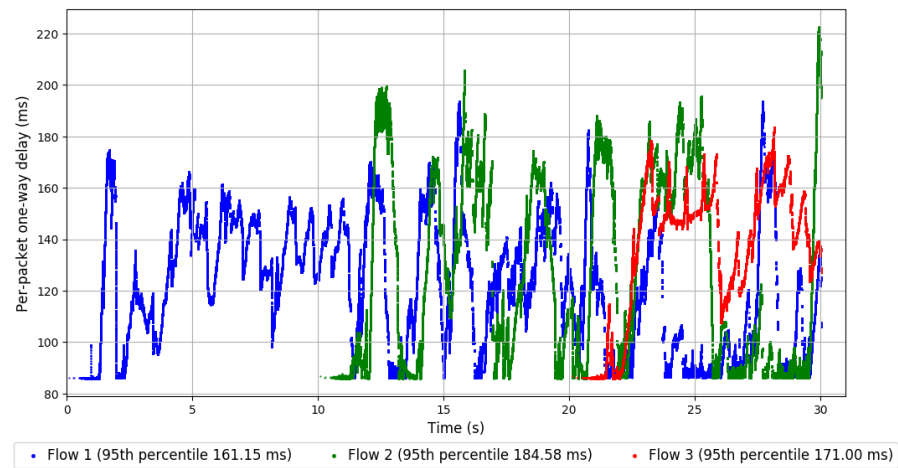
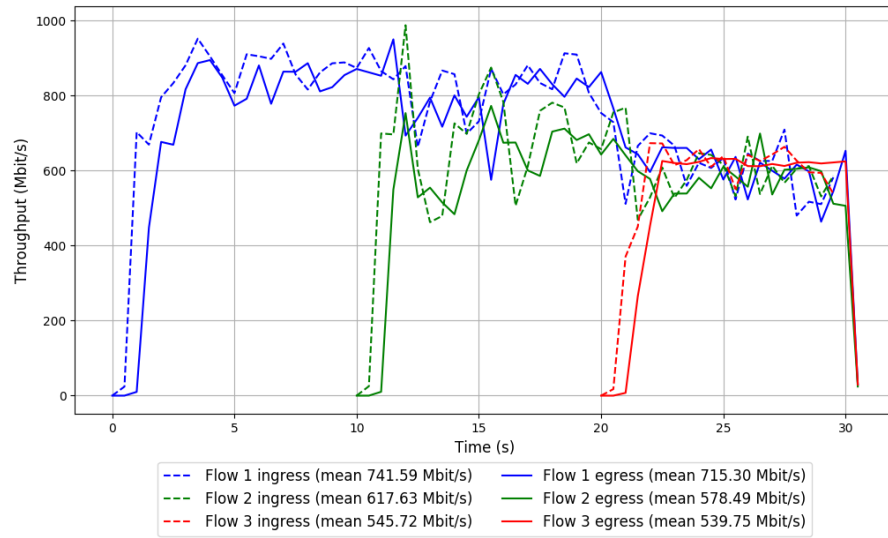
-- Flow 3:

Average throughput: 539.75 Mbit/s

95th percentile per-packet one-way delay: 171.003 ms

Loss rate: 1.04%

Run 10: Report of FillP — Data Link

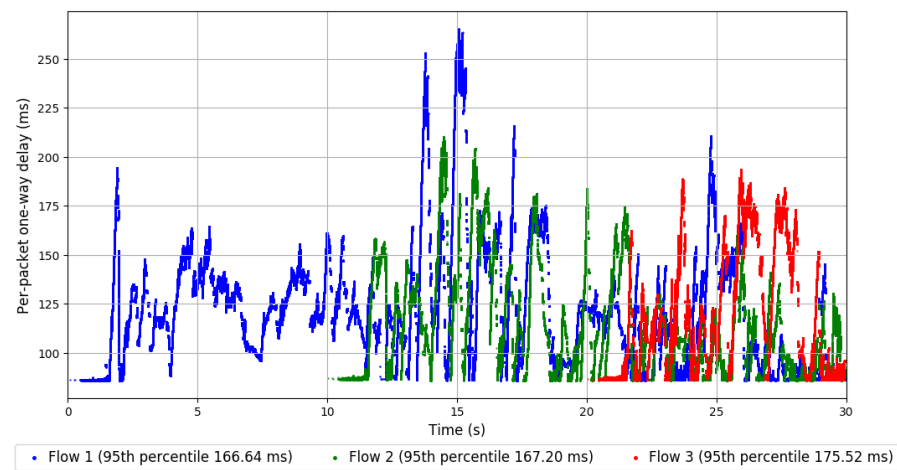
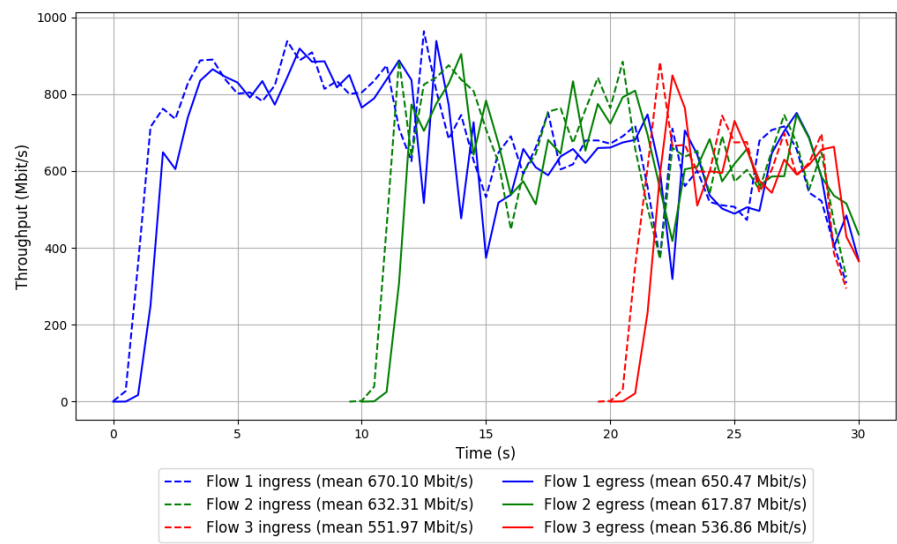


Run 1: Statistics of FillP-Sheep

Start at: 2018-08-01 04:42:20
End at: 2018-08-01 04:42:50
Local clock offset: 0.238 ms
Remote clock offset: -0.058 ms

Below is generated by plot.py at 2018-08-01 10:37:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 1240.44 Mbit/s
95th percentile per-packet one-way delay: 169.261 ms
Loss rate: 2.71%
-- Flow 1:
Average throughput: 650.47 Mbit/s
95th percentile per-packet one-way delay: 166.639 ms
Loss rate: 2.93%
-- Flow 2:
Average throughput: 617.87 Mbit/s
95th percentile per-packet one-way delay: 167.202 ms
Loss rate: 2.28%
-- Flow 3:
Average throughput: 536.86 Mbit/s
95th percentile per-packet one-way delay: 175.516 ms
Loss rate: 2.89%

Run 1: Report of FillP-Sheep — Data Link

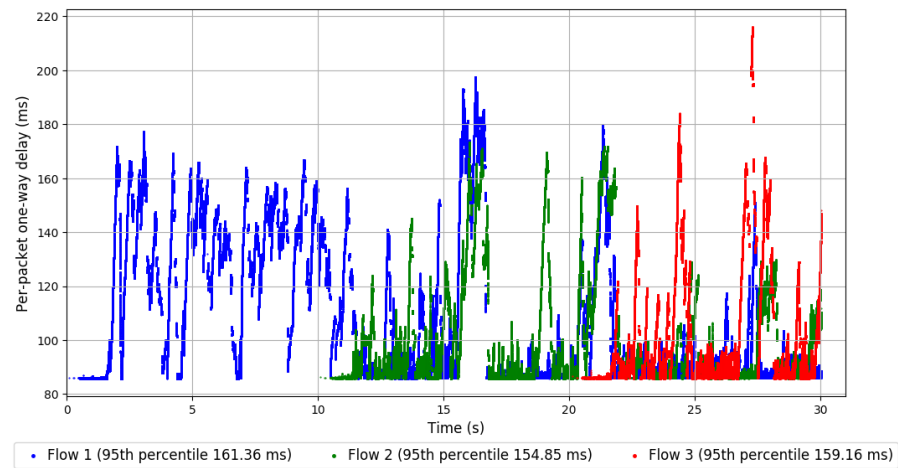
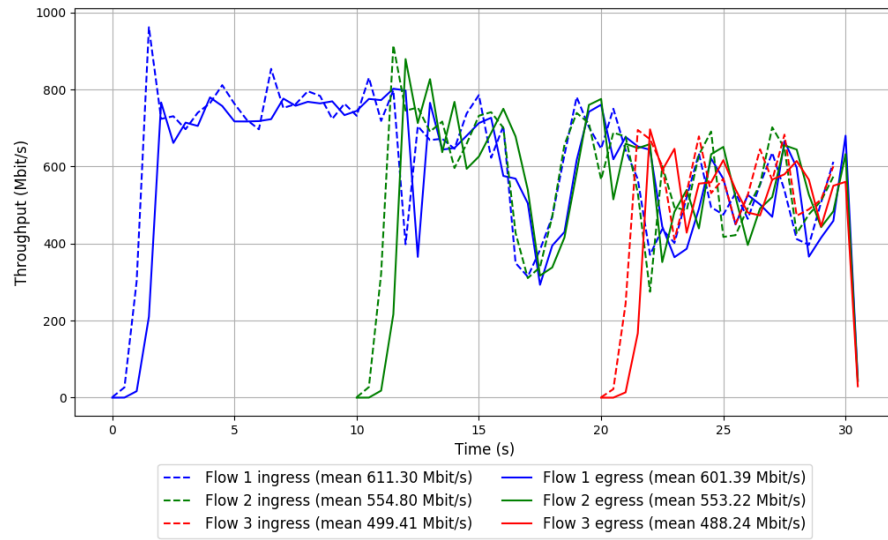


Run 2: Statistics of FillP-Sheep

Start at: 2018-08-01 05:08:49
End at: 2018-08-01 05:09:19
Local clock offset: 0.245 ms
Remote clock offset: -0.124 ms

Below is generated by plot.py at 2018-08-01 10:37:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 1131.19 Mbit/s
95th percentile per-packet one-way delay: 159.139 ms
Loss rate: 1.28%
-- Flow 1:
Average throughput: 601.39 Mbit/s
95th percentile per-packet one-way delay: 161.356 ms
Loss rate: 1.62%
-- Flow 2:
Average throughput: 553.22 Mbit/s
95th percentile per-packet one-way delay: 154.855 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 488.24 Mbit/s
95th percentile per-packet one-way delay: 159.159 ms
Loss rate: 2.25%

Run 2: Report of FillP-Sheep — Data Link



Run 3: Statistics of FillP-Sheep

Start at: 2018-08-01 05:35:09

End at: 2018-08-01 05:35:39

Local clock offset: 0.272 ms

Remote clock offset: -0.09 ms

Below is generated by plot.py at 2018-08-01 10:37:14

Datalink statistics

-- Total of 3 flows:

Average throughput: 1168.83 Mbit/s

95th percentile per-packet one-way delay: 166.609 ms

Loss rate: 1.77%

-- Flow 1:

Average throughput: 616.18 Mbit/s

95th percentile per-packet one-way delay: 172.960 ms

Loss rate: 1.92%

-- Flow 2:

Average throughput: 589.82 Mbit/s

95th percentile per-packet one-way delay: 163.702 ms

Loss rate: 2.11%

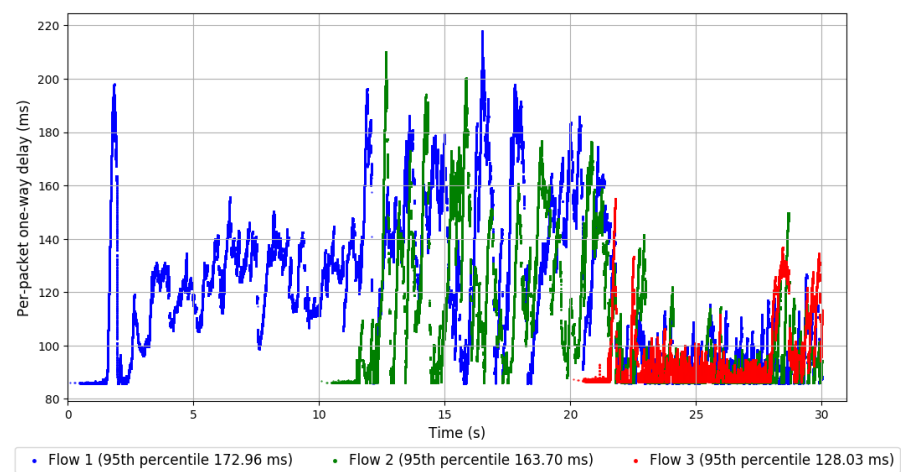
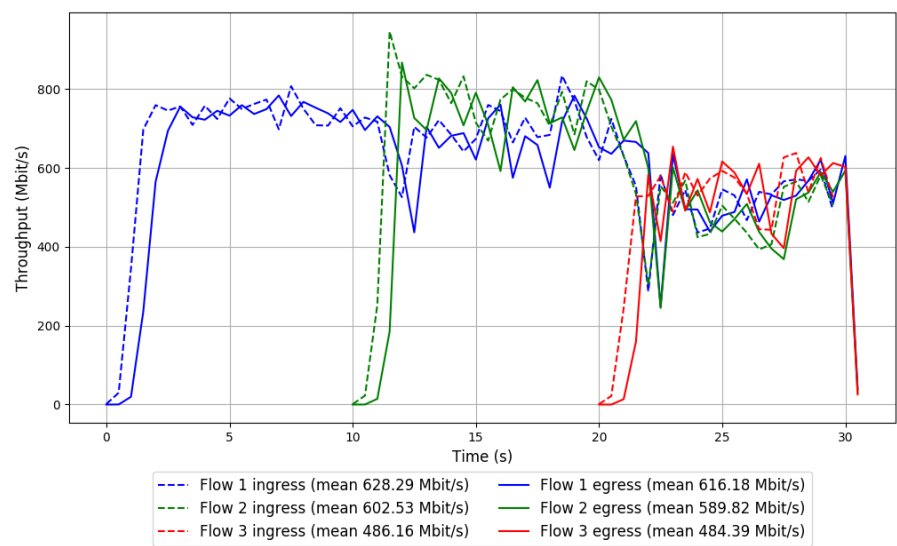
-- Flow 3:

Average throughput: 484.39 Mbit/s

95th percentile per-packet one-way delay: 128.030 ms

Loss rate: 0.32%

Run 3: Report of FillP-Sheep — Data Link

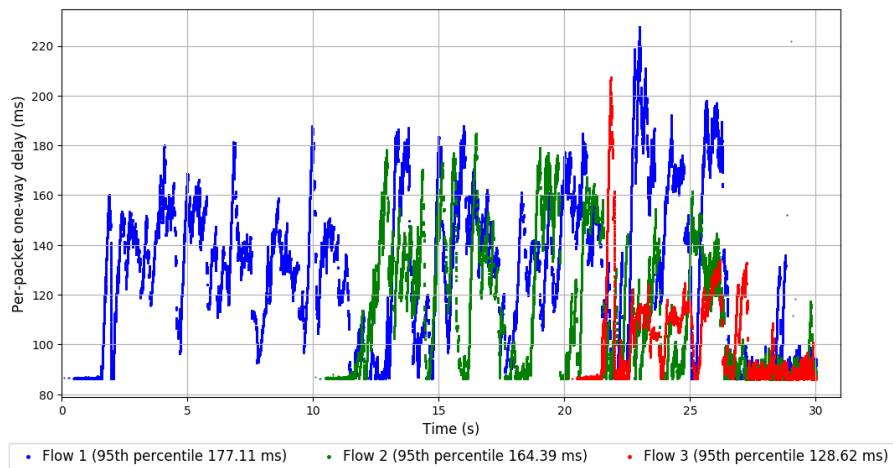
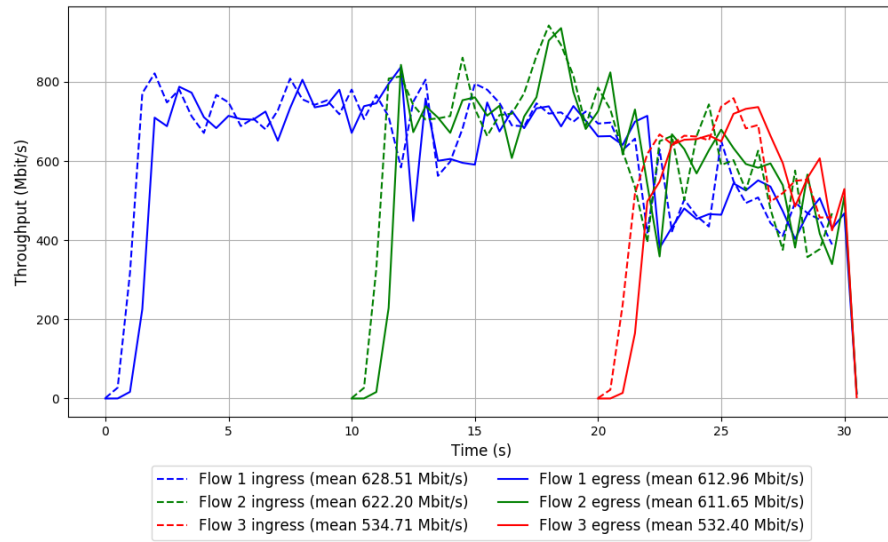


Run 4: Statistics of FillP-Sheep

Start at: 2018-08-01 06:01:26
End at: 2018-08-01 06:01:56
Local clock offset: 0.035 ms
Remote clock offset: -0.094 ms

Below is generated by plot.py at 2018-08-01 10:37:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 1196.16 Mbit/s
95th percentile per-packet one-way delay: 171.549 ms
Loss rate: 1.91%
-- Flow 1:
Average throughput: 612.96 Mbit/s
95th percentile per-packet one-way delay: 177.114 ms
Loss rate: 2.48%
-- Flow 2:
Average throughput: 611.65 Mbit/s
95th percentile per-packet one-way delay: 164.387 ms
Loss rate: 1.69%
-- Flow 3:
Average throughput: 532.40 Mbit/s
95th percentile per-packet one-way delay: 128.625 ms
Loss rate: 0.43%

Run 4: Report of FillP-Sheep — Data Link

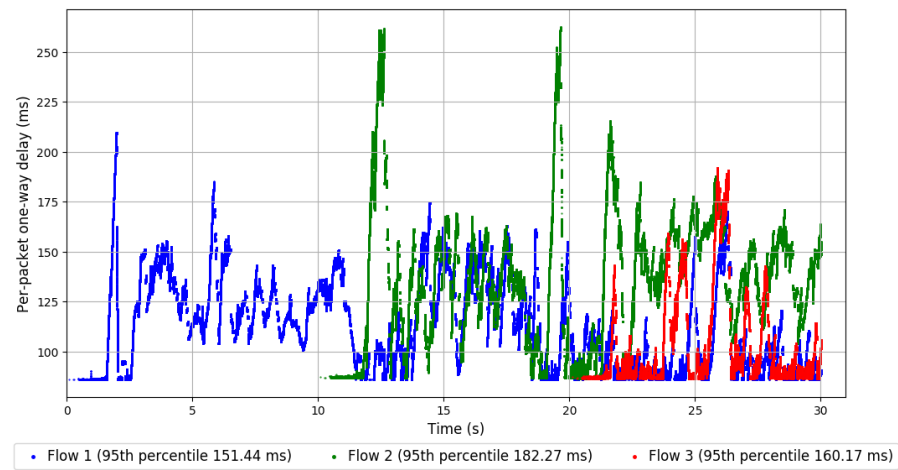
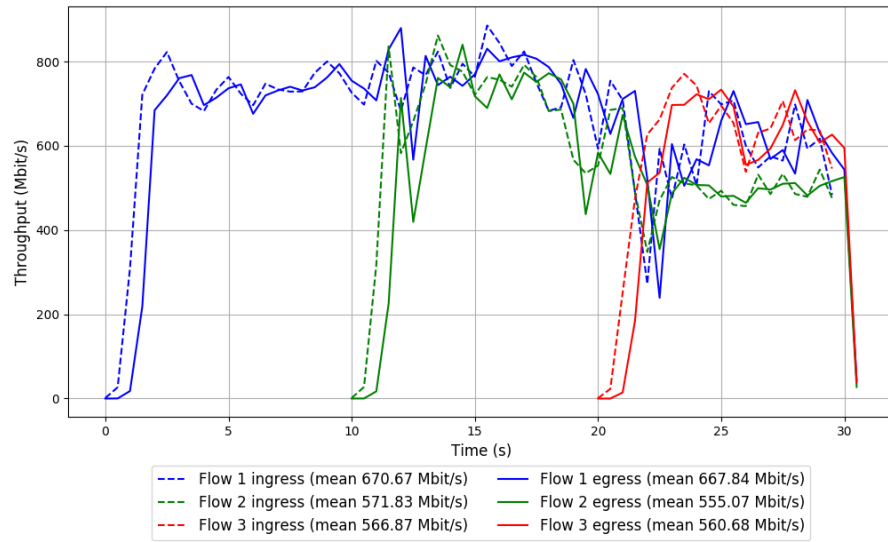


Run 5: Statistics of FillP-Sheep

Start at: 2018-08-01 06:27:53
End at: 2018-08-01 06:28:23
Local clock offset: -0.095 ms
Remote clock offset: -0.089 ms

```
# Below is generated by plot.py at 2018-08-01 10:39:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1223.19 Mbit/s
95th percentile per-packet one-way delay: 163.459 ms
Loss rate: 1.29%
-- Flow 1:
Average throughput: 667.84 Mbit/s
95th percentile per-packet one-way delay: 151.438 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 555.07 Mbit/s
95th percentile per-packet one-way delay: 182.269 ms
Loss rate: 2.93%
-- Flow 3:
Average throughput: 560.68 Mbit/s
95th percentile per-packet one-way delay: 160.167 ms
Loss rate: 1.09%
```


Run 5: Report of FillP-Sheep — Data Link

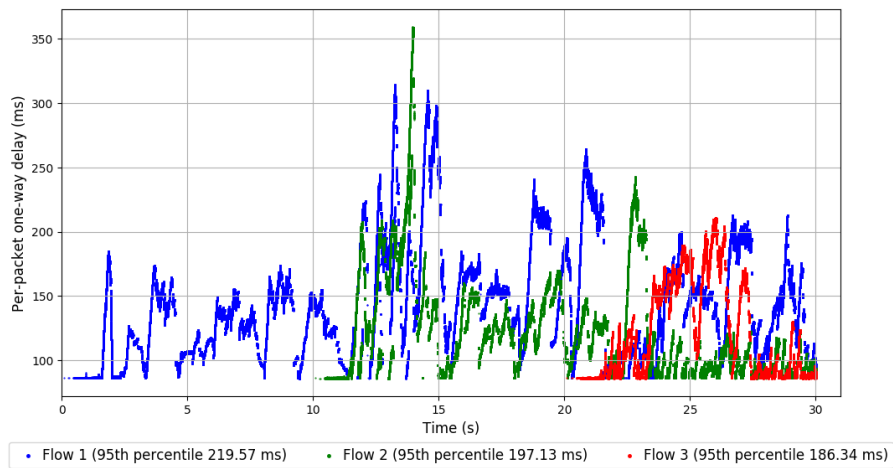
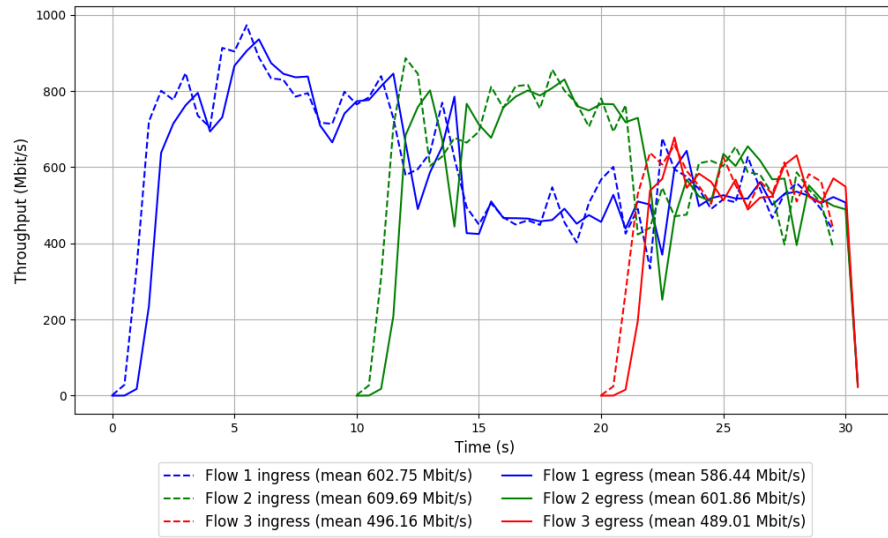


Run 6: Statistics of FillP-Sheep

Start at: 2018-08-01 06:54:19
End at: 2018-08-01 06:54:49
Local clock offset: -0.036 ms
Remote clock offset: -0.027 ms

Below is generated by plot.py at 2018-08-01 10:39:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 1149.24 Mbit/s
95th percentile per-packet one-way delay: 207.464 ms
Loss rate: 2.03%
-- Flow 1:
Average throughput: 586.44 Mbit/s
95th percentile per-packet one-way delay: 219.570 ms
Loss rate: 2.70%
-- Flow 2:
Average throughput: 601.86 Mbit/s
95th percentile per-packet one-way delay: 197.131 ms
Loss rate: 1.28%
-- Flow 3:
Average throughput: 489.01 Mbit/s
95th percentile per-packet one-way delay: 186.339 ms
Loss rate: 1.40%

Run 6: Report of FillP-Sheep — Data Link

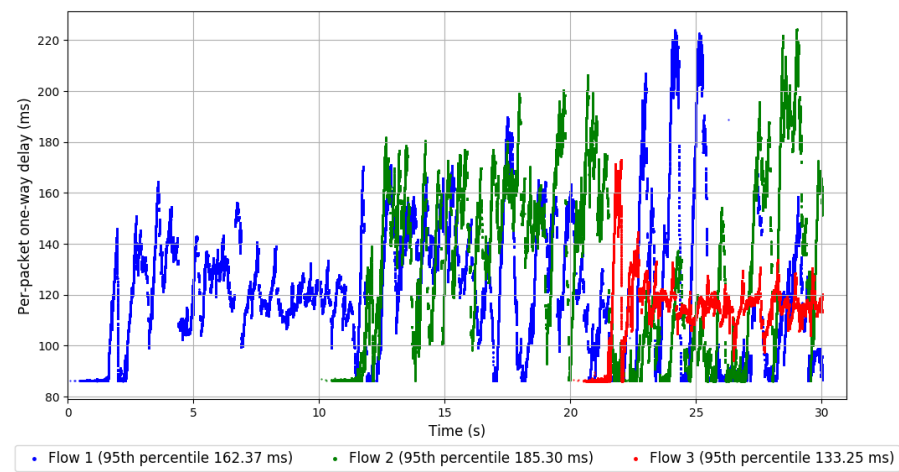
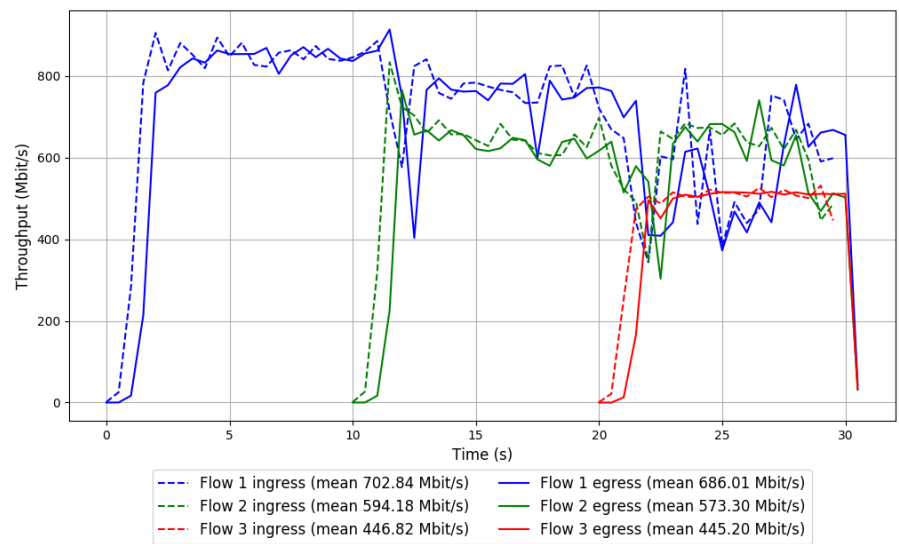


Run 7: Statistics of FillP-Sheep

Start at: 2018-08-01 07:20:49
End at: 2018-08-01 07:21:19
Local clock offset: -0.047 ms
Remote clock offset: -0.054 ms

Below is generated by plot.py at 2018-08-01 11:01:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 1214.98 Mbit/s
95th percentile per-packet one-way delay: 173.343 ms
Loss rate: 2.50%
-- Flow 1:
Average throughput: 686.01 Mbit/s
95th percentile per-packet one-way delay: 162.371 ms
Loss rate: 2.39%
-- Flow 2:
Average throughput: 573.30 Mbit/s
95th percentile per-packet one-way delay: 185.300 ms
Loss rate: 3.51%
-- Flow 3:
Average throughput: 445.20 Mbit/s
95th percentile per-packet one-way delay: 133.250 ms
Loss rate: 0.35%

Run 7: Report of FillP-Sheep — Data Link

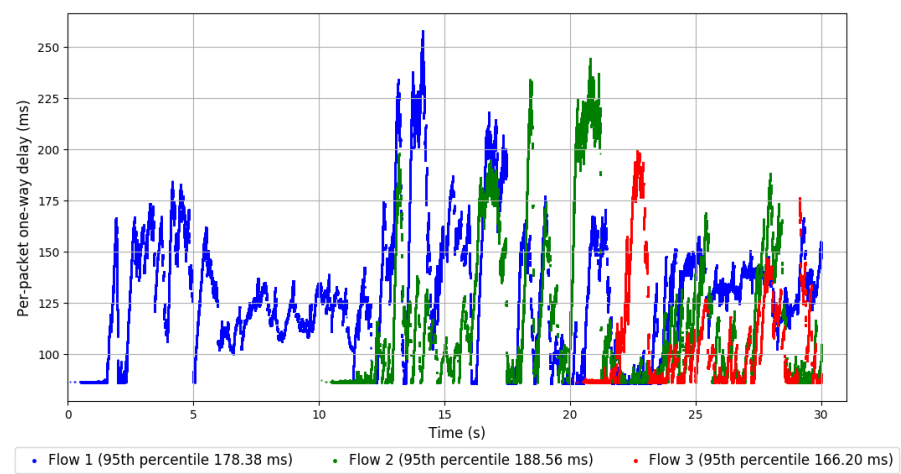
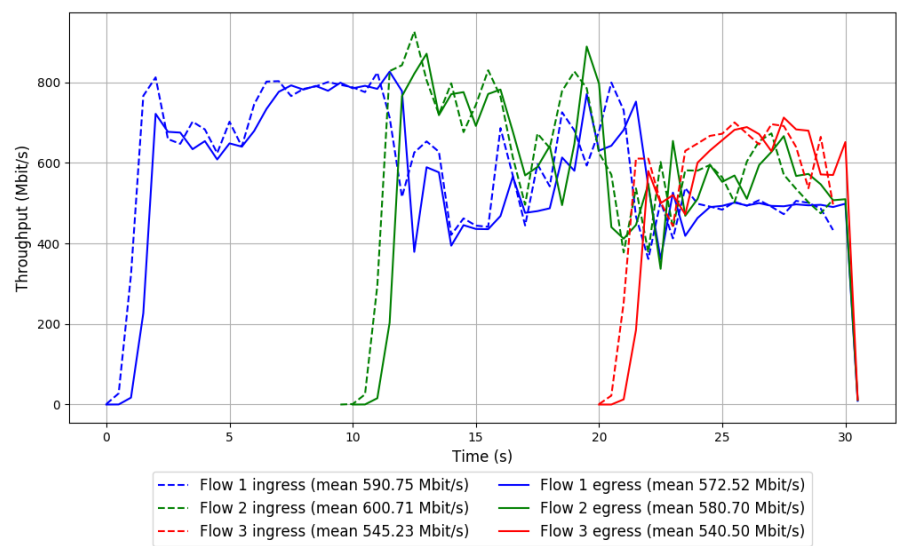


Run 8: Statistics of FillP-Sheep

Start at: 2018-08-01 07:47:16
End at: 2018-08-01 07:47:46
Local clock offset: 0.222 ms
Remote clock offset: -0.037 ms

```
# Below is generated by plot.py at 2018-08-01 11:01:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1138.05 Mbit/s
95th percentile per-packet one-way delay: 181.484 ms
Loss rate: 2.84%
-- Flow 1:
Average throughput: 572.52 Mbit/s
95th percentile per-packet one-way delay: 178.378 ms
Loss rate: 3.09%
-- Flow 2:
Average throughput: 580.70 Mbit/s
95th percentile per-packet one-way delay: 188.559 ms
Loss rate: 3.35%
-- Flow 3:
Average throughput: 540.50 Mbit/s
95th percentile per-packet one-way delay: 166.200 ms
Loss rate: 0.89%
```

Run 8: Report of FillP-Sheep — Data Link

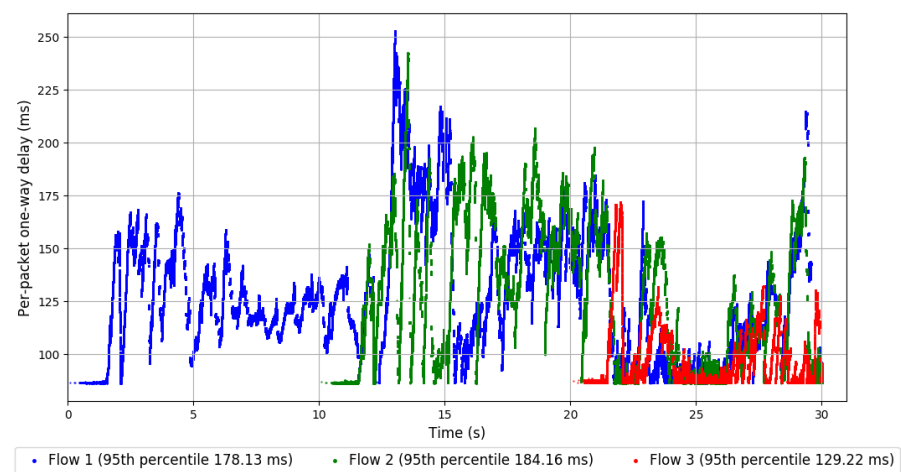
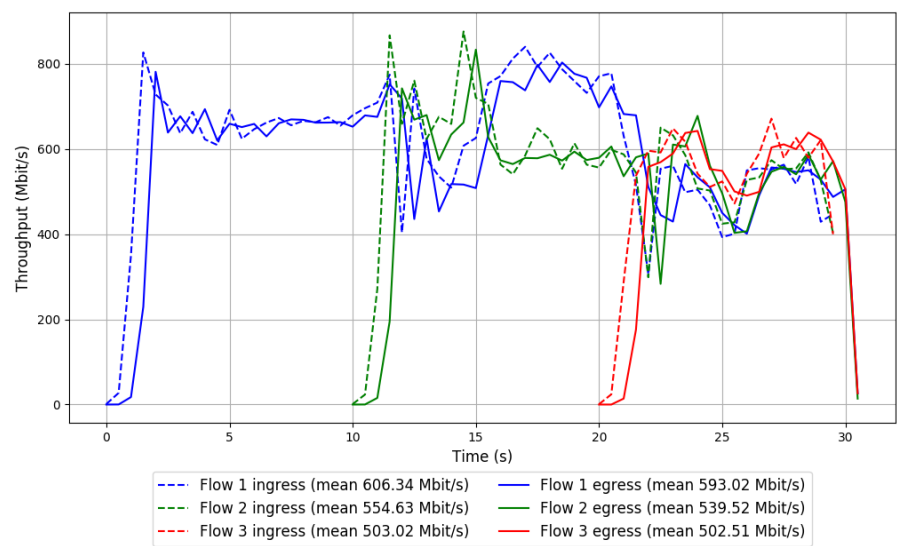


Run 9: Statistics of FillP-Sheep

Start at: 2018-08-01 08:13:43
End at: 2018-08-01 08:14:13
Local clock offset: -0.081 ms
Remote clock offset: -0.074 ms

Below is generated by plot.py at 2018-08-01 11:01:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 1118.35 Mbit/s
95th percentile per-packet one-way delay: 179.414 ms
Loss rate: 2.05%
-- Flow 1:
Average throughput: 593.02 Mbit/s
95th percentile per-packet one-way delay: 178.131 ms
Loss rate: 2.19%
-- Flow 2:
Average throughput: 539.52 Mbit/s
95th percentile per-packet one-way delay: 184.164 ms
Loss rate: 2.72%
-- Flow 3:
Average throughput: 502.51 Mbit/s
95th percentile per-packet one-way delay: 129.221 ms
Loss rate: 0.05%

Run 9: Report of FillP-Sheep — Data Link

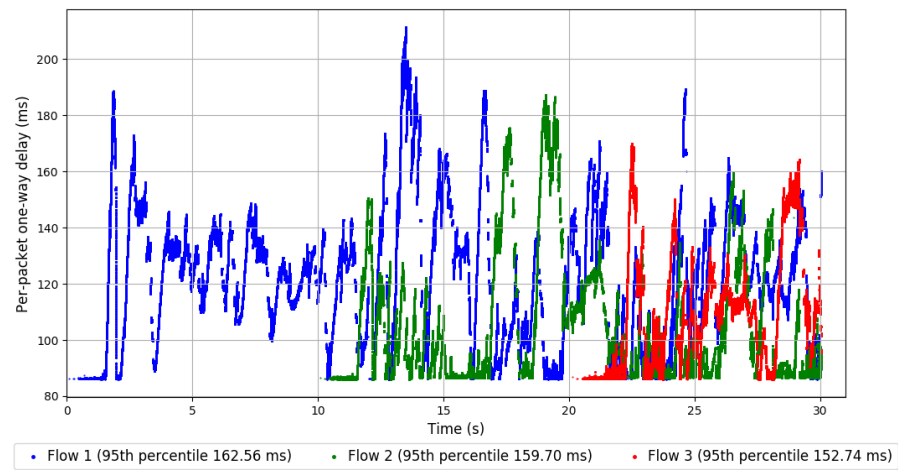
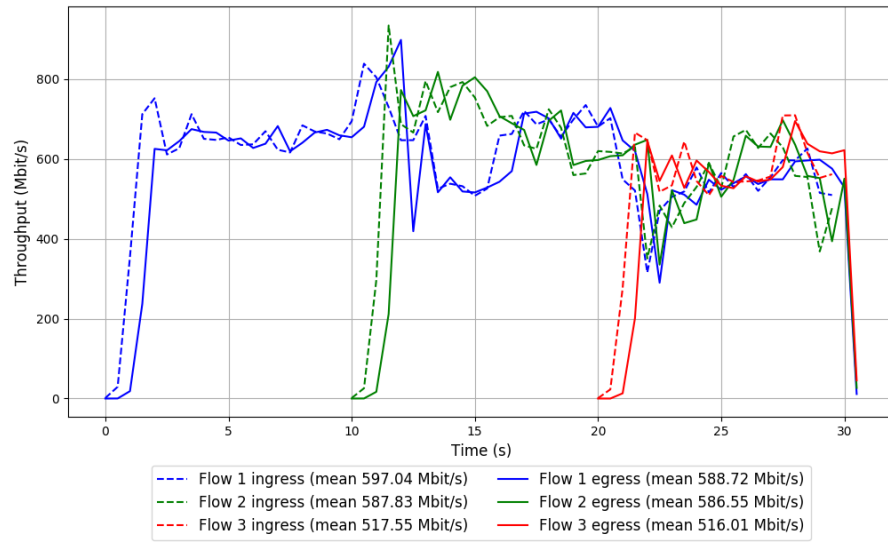


Run 10: Statistics of FillP-Sheep

Start at: 2018-08-01 08:39:58
End at: 2018-08-01 08:40:28
Local clock offset: 0.114 ms
Remote clock offset: -0.098 ms

Below is generated by plot.py at 2018-08-01 11:02:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 1149.87 Mbit/s
95th percentile per-packet one-way delay: 159.928 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 588.72 Mbit/s
95th percentile per-packet one-way delay: 162.560 ms
Loss rate: 1.39%
-- Flow 2:
Average throughput: 586.55 Mbit/s
95th percentile per-packet one-way delay: 159.704 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 516.01 Mbit/s
95th percentile per-packet one-way delay: 152.735 ms
Loss rate: 0.30%

Run 10: Report of FillP-Sheep — Data Link

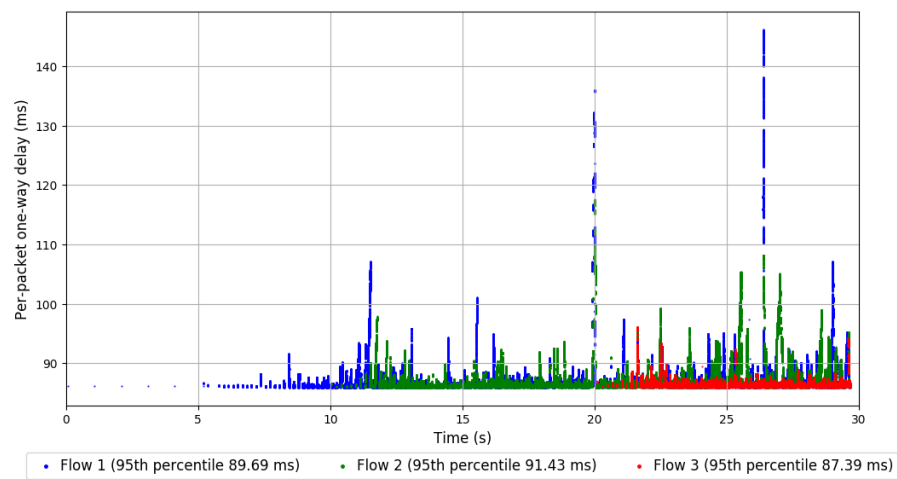
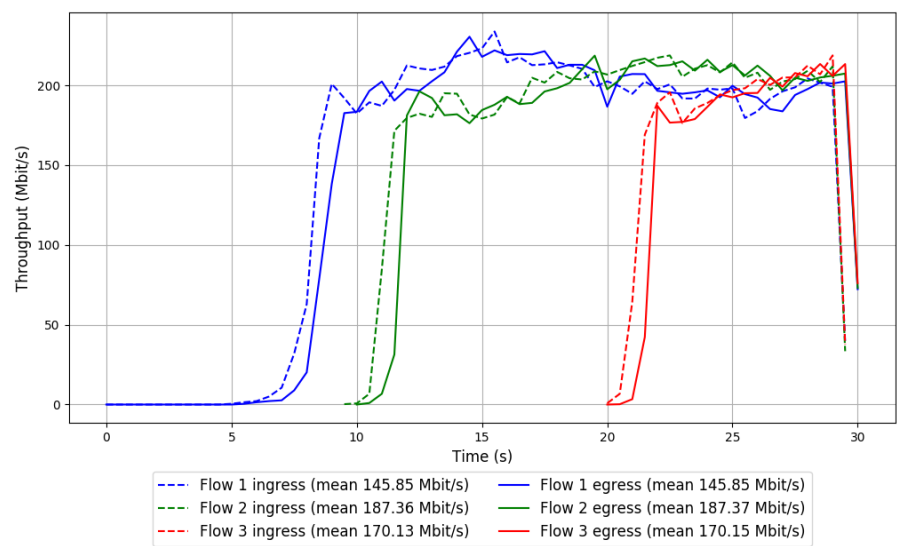


Run 1: Statistics of Indigo

Start at: 2018-08-01 04:57:49
End at: 2018-08-01 04:58:19
Local clock offset: 0.047 ms
Remote clock offset: -0.144 ms

Below is generated by plot.py at 2018-08-01 11:02:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 325.09 Mbit/s
95th percentile per-packet one-way delay: 90.026 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 145.85 Mbit/s
95th percentile per-packet one-way delay: 89.686 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 187.37 Mbit/s
95th percentile per-packet one-way delay: 91.434 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 170.15 Mbit/s
95th percentile per-packet one-way delay: 87.390 ms
Loss rate: 0.01%

Run 1: Report of Indigo — Data Link

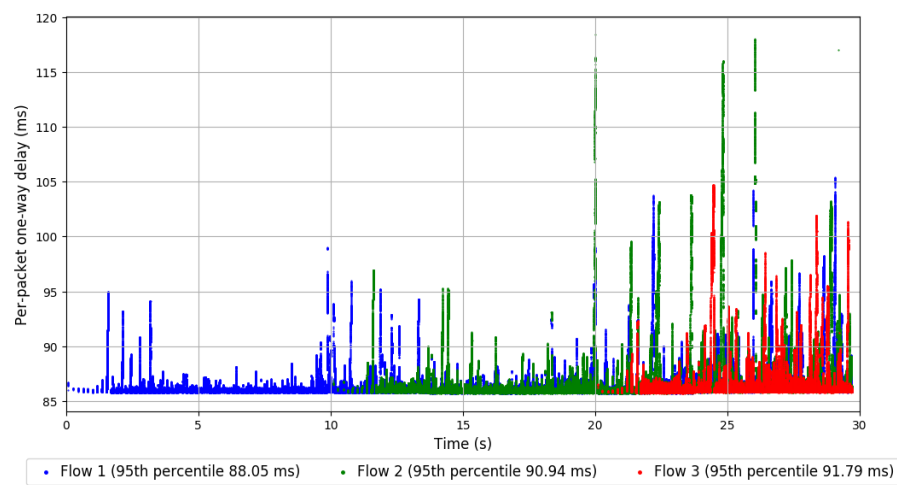
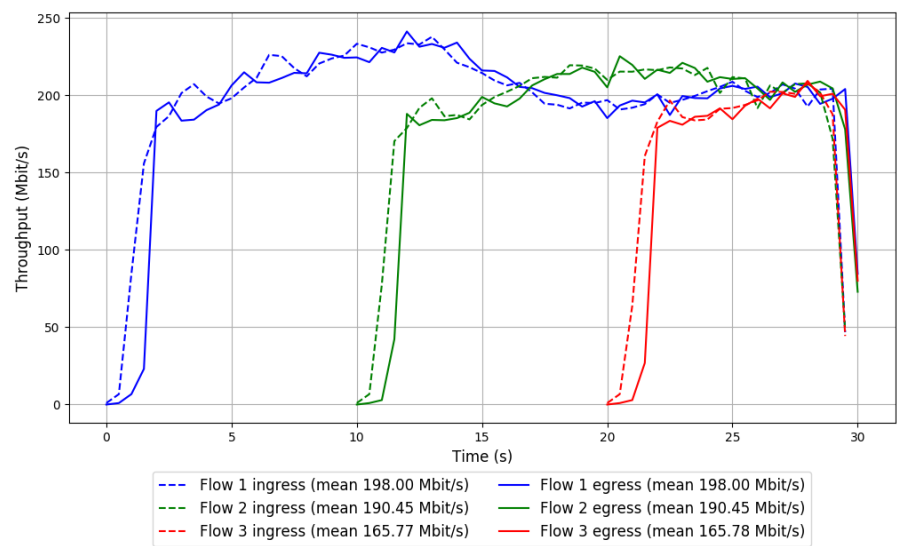


Run 2: Statistics of Indigo

Start at: 2018-08-01 05:24:09
End at: 2018-08-01 05:24:39
Local clock offset: 0.25 ms
Remote clock offset: -0.106 ms

Below is generated by plot.py at 2018-08-01 11:02:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 377.87 Mbit/s
95th percentile per-packet one-way delay: 89.588 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 198.00 Mbit/s
95th percentile per-packet one-way delay: 88.045 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 190.45 Mbit/s
95th percentile per-packet one-way delay: 90.941 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 165.78 Mbit/s
95th percentile per-packet one-way delay: 91.790 ms
Loss rate: 0.00%

Run 2: Report of Indigo — Data Link

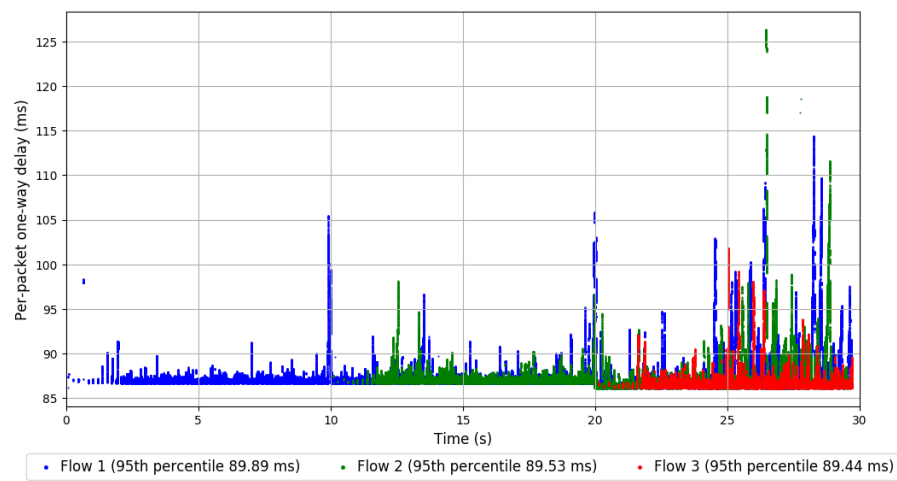
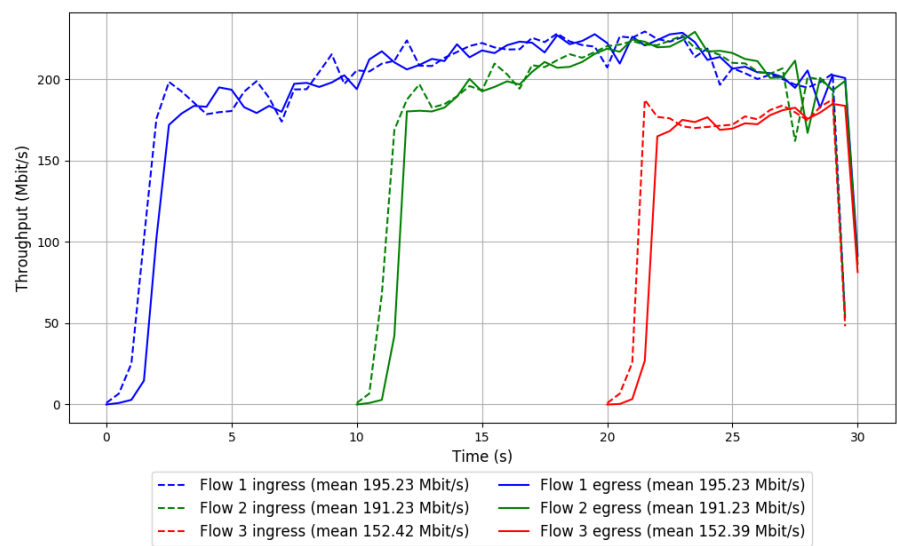


Run 3: Statistics of Indigo

Start at: 2018-08-01 05:50:23
End at: 2018-08-01 05:50:53
Local clock offset: 0.049 ms
Remote clock offset: -0.112 ms

Below is generated by plot.py at 2018-08-01 11:02:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 371.09 Mbit/s
95th percentile per-packet one-way delay: 89.698 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 195.23 Mbit/s
95th percentile per-packet one-way delay: 89.885 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 191.23 Mbit/s
95th percentile per-packet one-way delay: 89.528 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 152.39 Mbit/s
95th percentile per-packet one-way delay: 89.443 ms
Loss rate: 0.00%

Run 3: Report of Indigo — Data Link

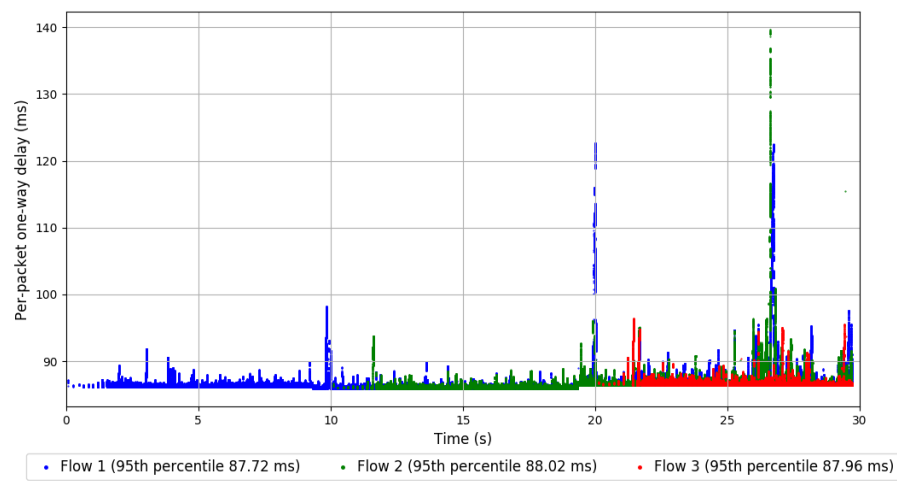
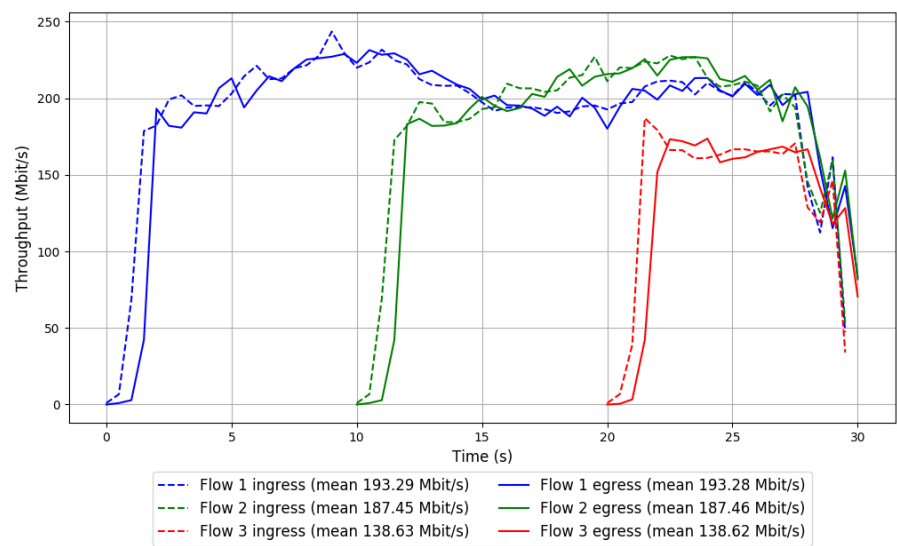


Run 4: Statistics of Indigo

Start at: 2018-08-01 06:16:54
End at: 2018-08-01 06:17:24
Local clock offset: 0.175 ms
Remote clock offset: -0.112 ms

Below is generated by plot.py at 2018-08-01 11:02:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 362.20 Mbit/s
95th percentile per-packet one-way delay: 87.860 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 193.28 Mbit/s
95th percentile per-packet one-way delay: 87.721 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 187.46 Mbit/s
95th percentile per-packet one-way delay: 88.020 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 138.62 Mbit/s
95th percentile per-packet one-way delay: 87.960 ms
Loss rate: 0.03%

Run 4: Report of Indigo — Data Link

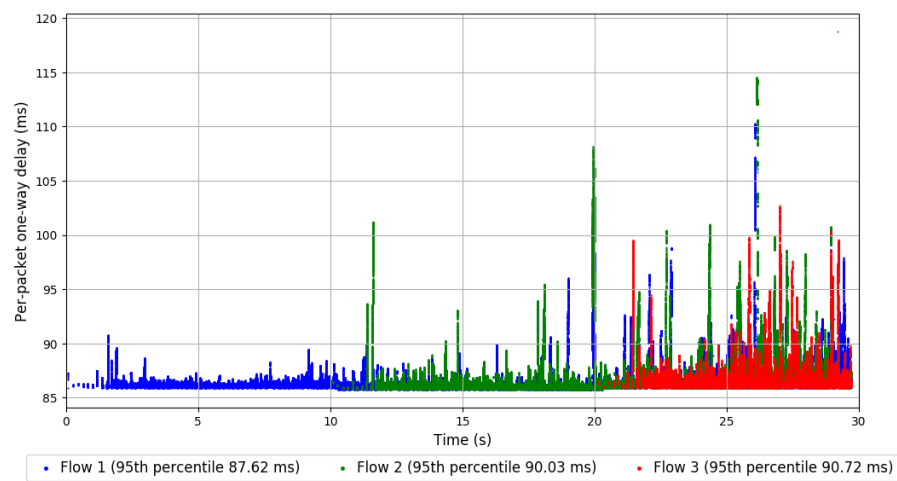
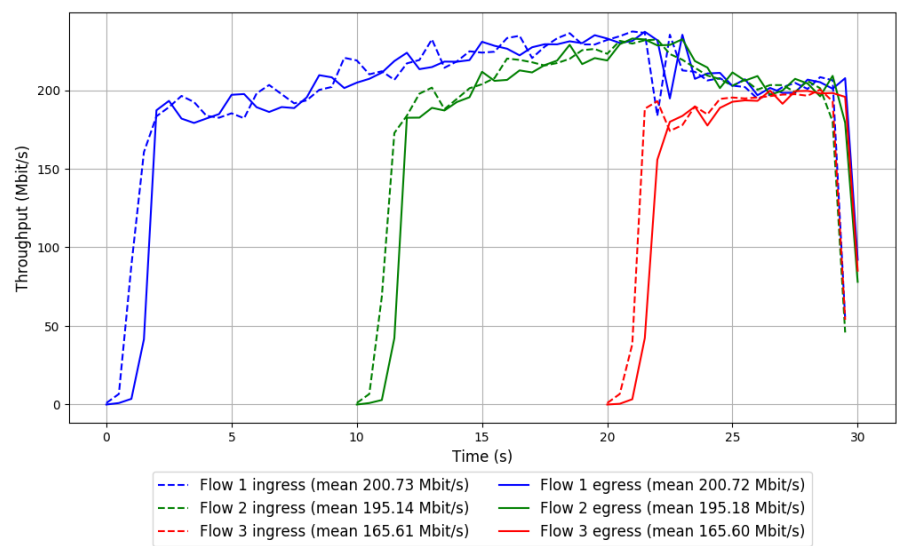


Run 5: Statistics of Indigo

Start at: 2018-08-01 06:43:13
End at: 2018-08-01 06:43:43
Local clock offset: 0.238 ms
Remote clock offset: -0.024 ms

Below is generated by plot.py at 2018-08-01 11:02:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 383.41 Mbit/s
95th percentile per-packet one-way delay: 88.671 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 200.72 Mbit/s
95th percentile per-packet one-way delay: 87.624 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 195.18 Mbit/s
95th percentile per-packet one-way delay: 90.027 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 165.60 Mbit/s
95th percentile per-packet one-way delay: 90.715 ms
Loss rate: 0.01%

Run 5: Report of Indigo — Data Link

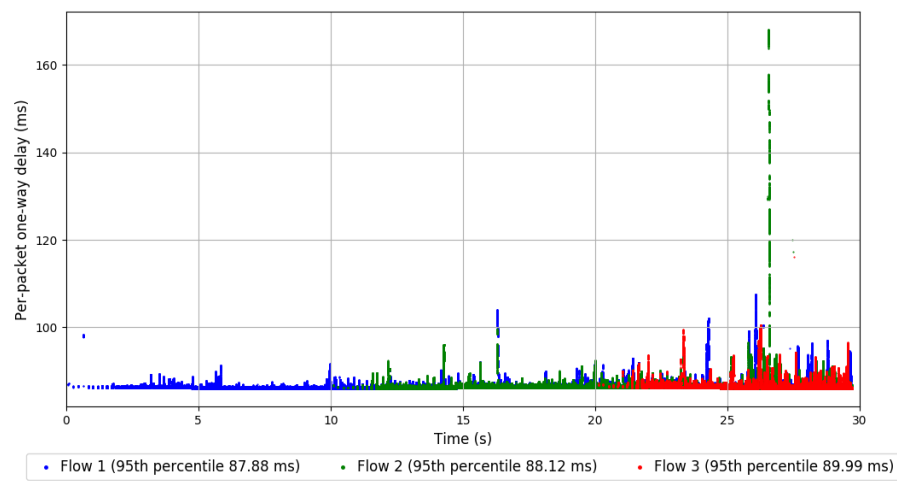
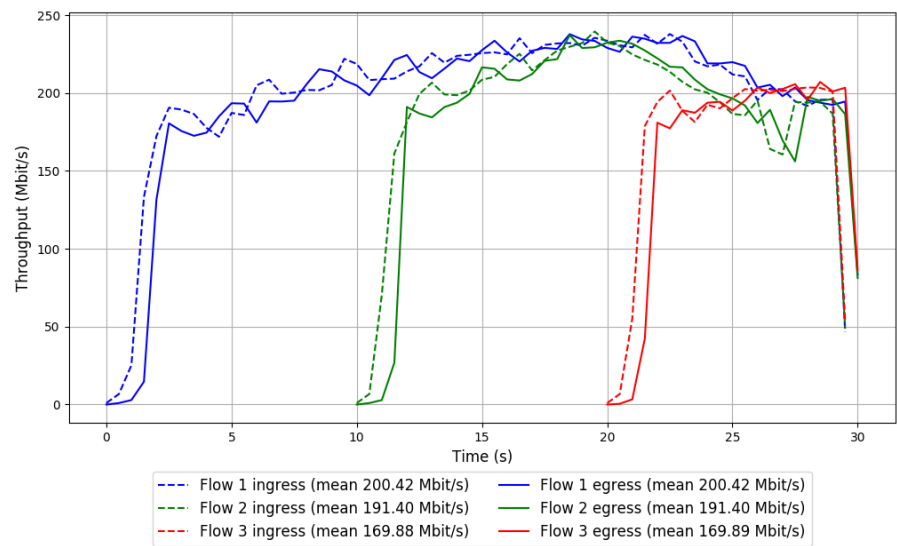


Run 6: Statistics of Indigo

Start at: 2018-08-01 07:09:48
End at: 2018-08-01 07:10:18
Local clock offset: -0.066 ms
Remote clock offset: -0.061 ms

Below is generated by plot.py at 2018-08-01 11:02:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 382.08 Mbit/s
95th percentile per-packet one-way delay: 88.267 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 200.42 Mbit/s
95th percentile per-packet one-way delay: 87.880 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 191.40 Mbit/s
95th percentile per-packet one-way delay: 88.120 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 169.89 Mbit/s
95th percentile per-packet one-way delay: 89.991 ms
Loss rate: 0.00%

Run 6: Report of Indigo — Data Link

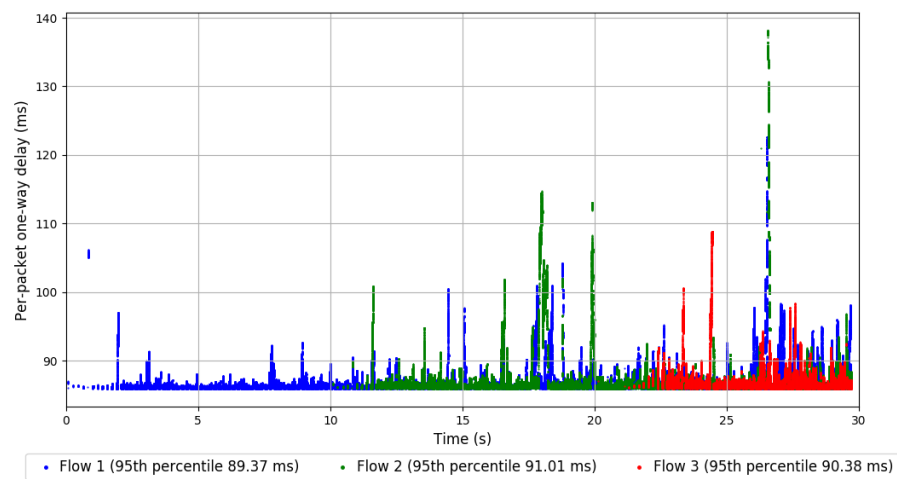
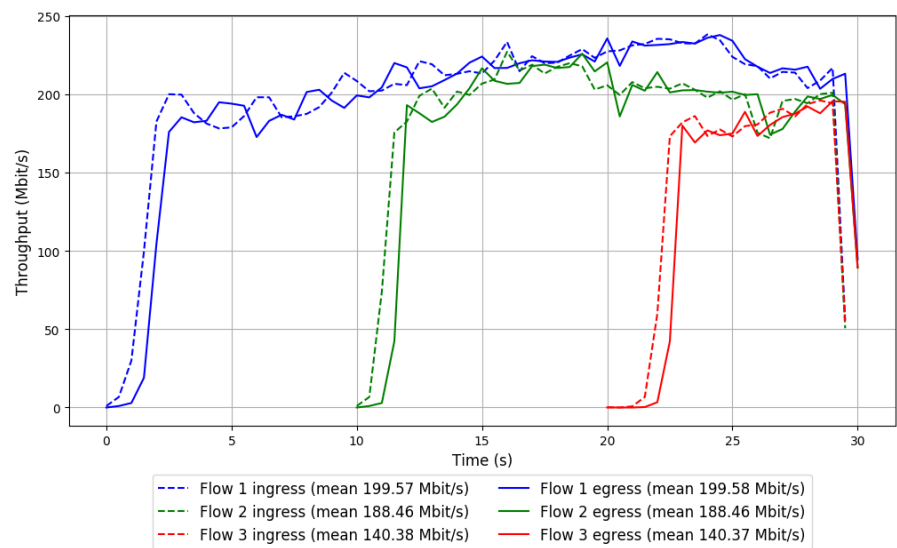


Run 7: Statistics of Indigo

Start at: 2018-08-01 07:36:12
End at: 2018-08-01 07:36:42
Local clock offset: 0.258 ms
Remote clock offset: -0.014 ms

Below is generated by plot.py at 2018-08-01 11:02:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 369.86 Mbit/s
95th percentile per-packet one-way delay: 89.934 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 199.58 Mbit/s
95th percentile per-packet one-way delay: 89.366 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 188.46 Mbit/s
95th percentile per-packet one-way delay: 91.008 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 140.37 Mbit/s
95th percentile per-packet one-way delay: 90.378 ms
Loss rate: 0.01%

Run 7: Report of Indigo — Data Link

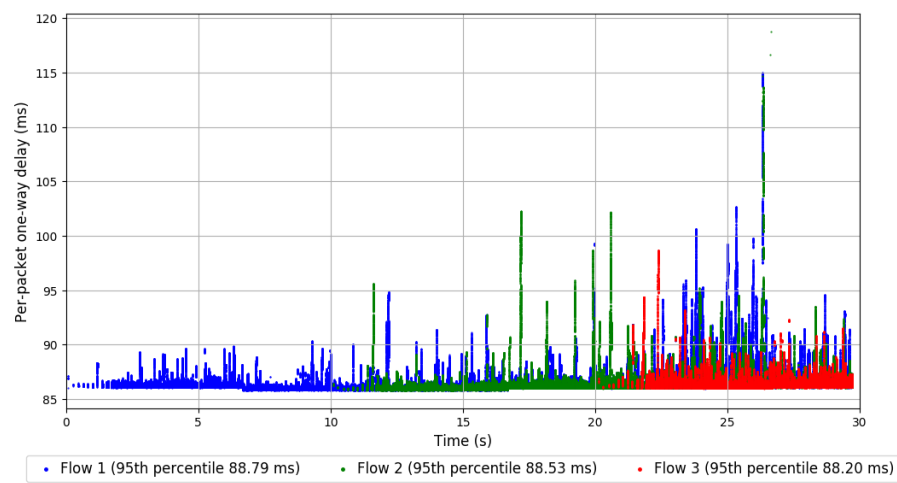
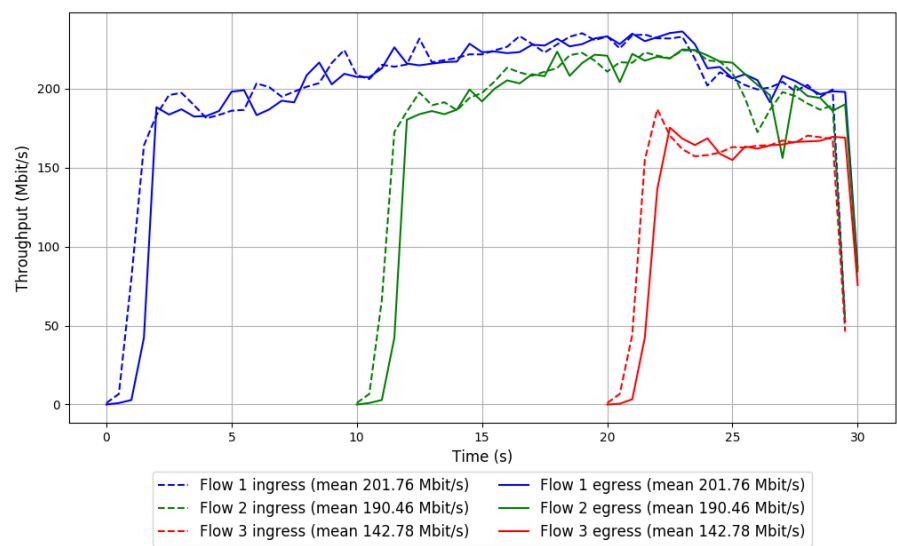


Run 8: Statistics of Indigo

Start at: 2018-08-01 08:02:36
End at: 2018-08-01 08:03:06
Local clock offset: 0.196 ms
Remote clock offset: -0.054 ms

Below is generated by plot.py at 2018-08-01 11:02:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 374.07 Mbit/s
95th percentile per-packet one-way delay: 88.622 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 201.76 Mbit/s
95th percentile per-packet one-way delay: 88.792 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 190.46 Mbit/s
95th percentile per-packet one-way delay: 88.528 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 142.78 Mbit/s
95th percentile per-packet one-way delay: 88.203 ms
Loss rate: 0.00%

Run 8: Report of Indigo — Data Link

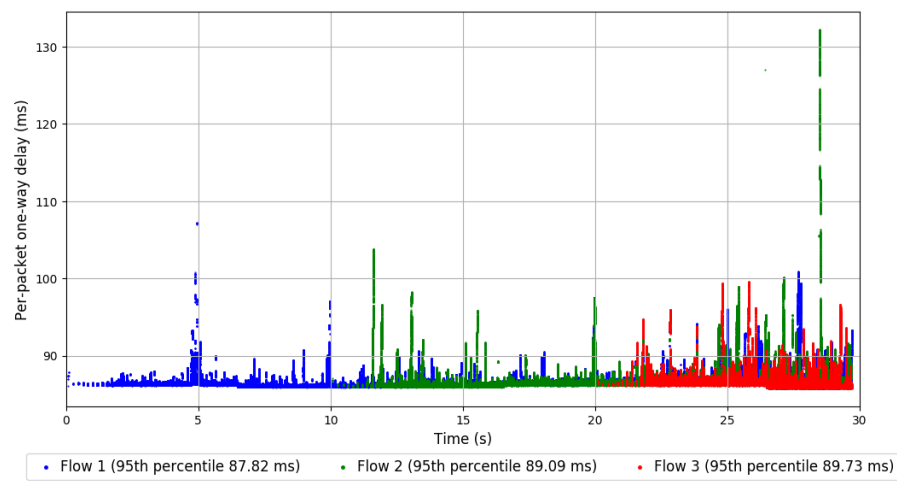
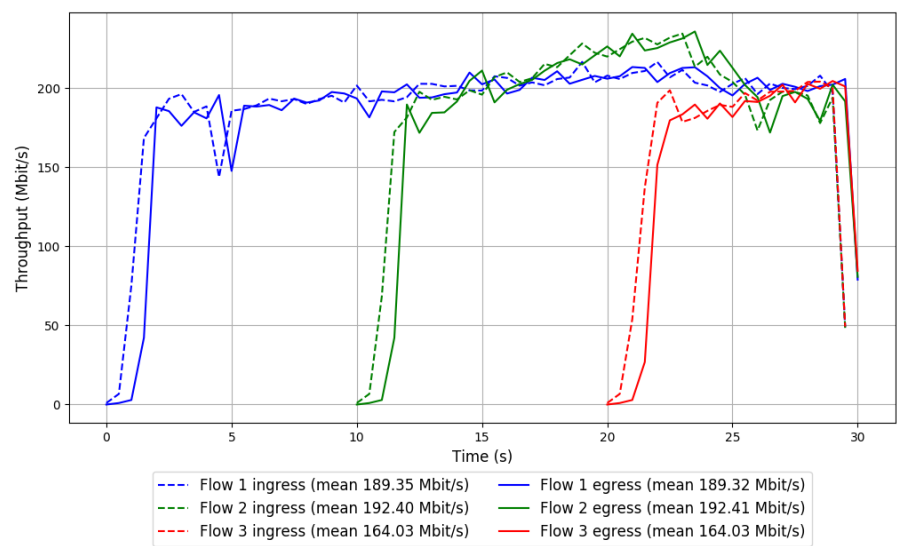


Run 9: Statistics of Indigo

Start at: 2018-08-01 08:28:56
End at: 2018-08-01 08:29:26
Local clock offset: 0.166 ms
Remote clock offset: -0.057 ms

Below is generated by plot.py at 2018-08-01 11:02:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 369.97 Mbit/s
95th percentile per-packet one-way delay: 88.564 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 189.32 Mbit/s
95th percentile per-packet one-way delay: 87.816 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 192.41 Mbit/s
95th percentile per-packet one-way delay: 89.089 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 164.03 Mbit/s
95th percentile per-packet one-way delay: 89.727 ms
Loss rate: 0.00%

Run 9: Report of Indigo — Data Link

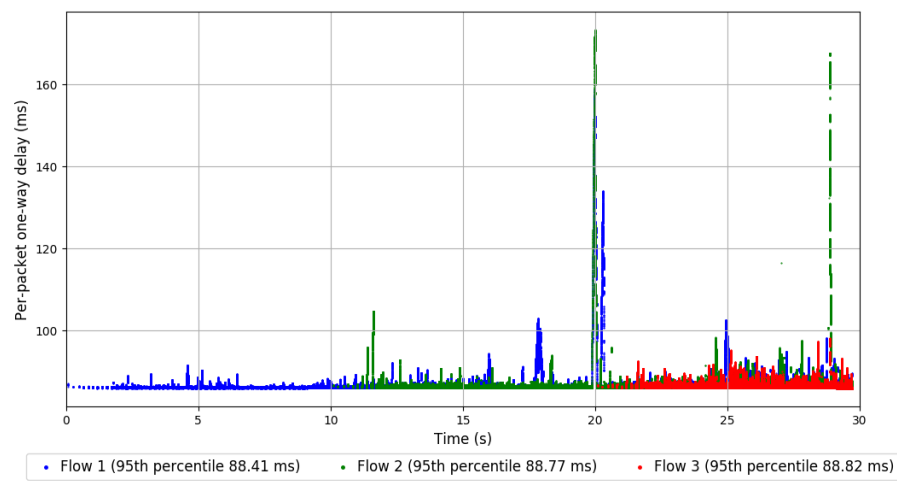
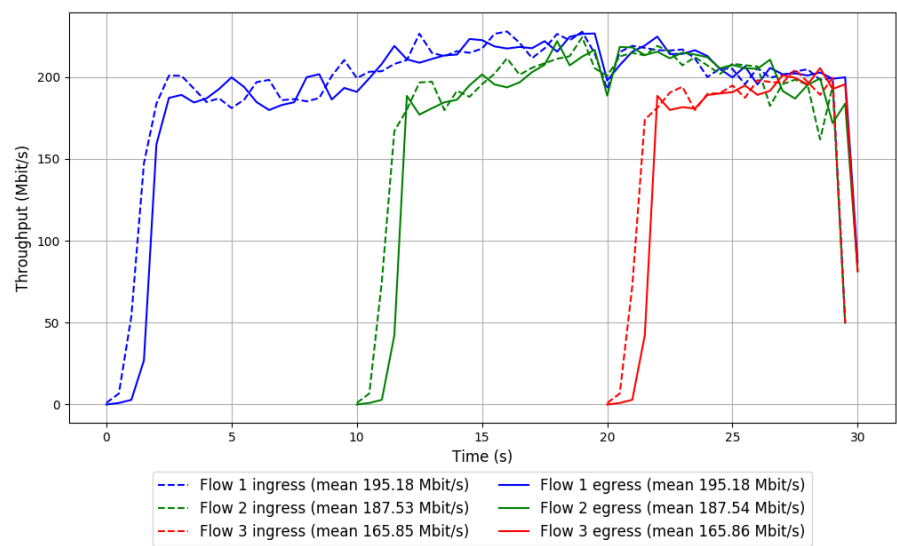


Run 10: Statistics of Indigo

Start at: 2018-08-01 08:55:24
End at: 2018-08-01 08:55:54
Local clock offset: 0.174 ms
Remote clock offset: -0.135 ms

Below is generated by plot.py at 2018-08-01 11:02:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 373.25 Mbit/s
95th percentile per-packet one-way delay: 88.619 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 195.18 Mbit/s
95th percentile per-packet one-way delay: 88.406 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 187.54 Mbit/s
95th percentile per-packet one-way delay: 88.773 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 165.86 Mbit/s
95th percentile per-packet one-way delay: 88.824 ms
Loss rate: 0.00%

Run 10: Report of Indigo — Data Link

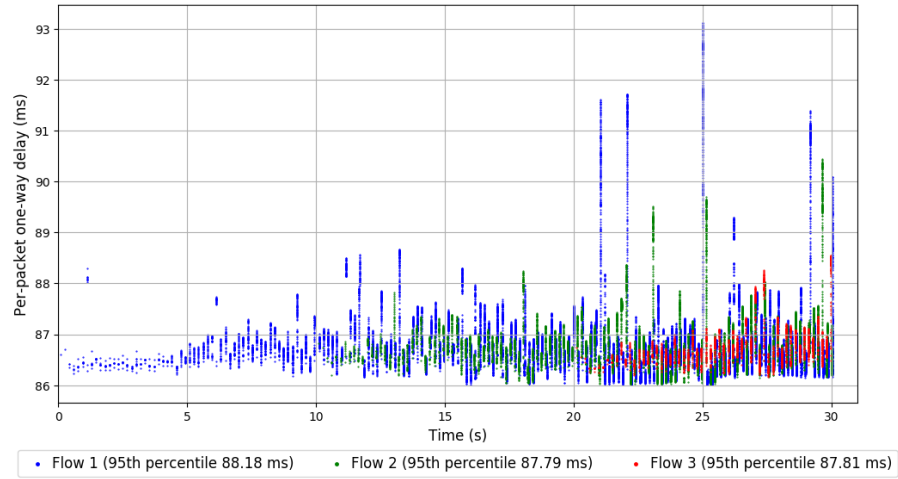
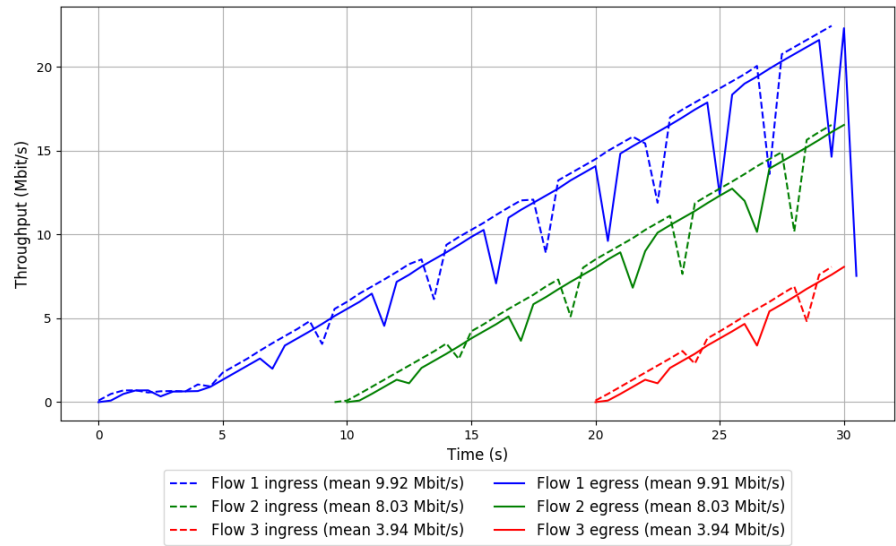


```
Run 1: Statistics of LEDBAT

Start at: 2018-08-01 05:02:08
End at: 2018-08-01 05:02:38
Local clock offset: 0.013 ms
Remote clock offset: -0.14 ms

# Below is generated by plot.py at 2018-08-01 11:02:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 16.55 Mbit/s
95th percentile per-packet one-way delay: 87.982 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.91 Mbit/s
95th percentile per-packet one-way delay: 88.182 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.03 Mbit/s
95th percentile per-packet one-way delay: 87.789 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.94 Mbit/s
95th percentile per-packet one-way delay: 87.806 ms
Loss rate: 0.00%
```


Run 1: Report of LEDBAT — Data Link

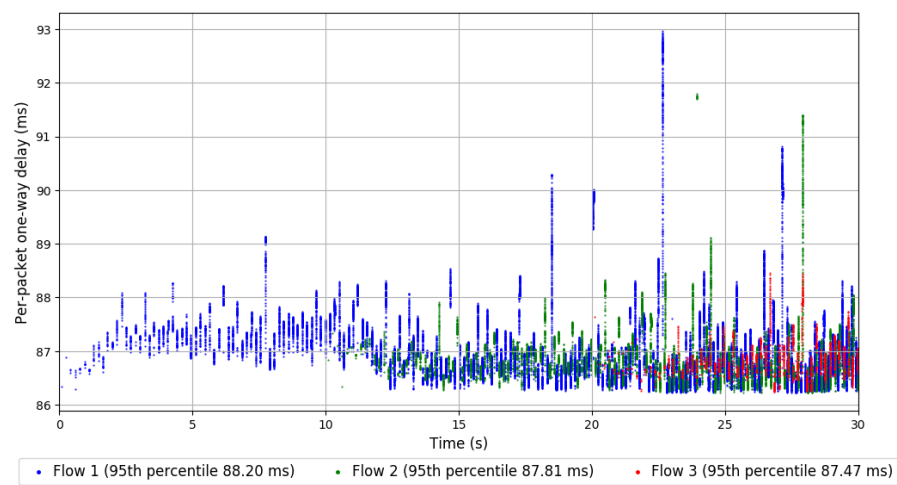
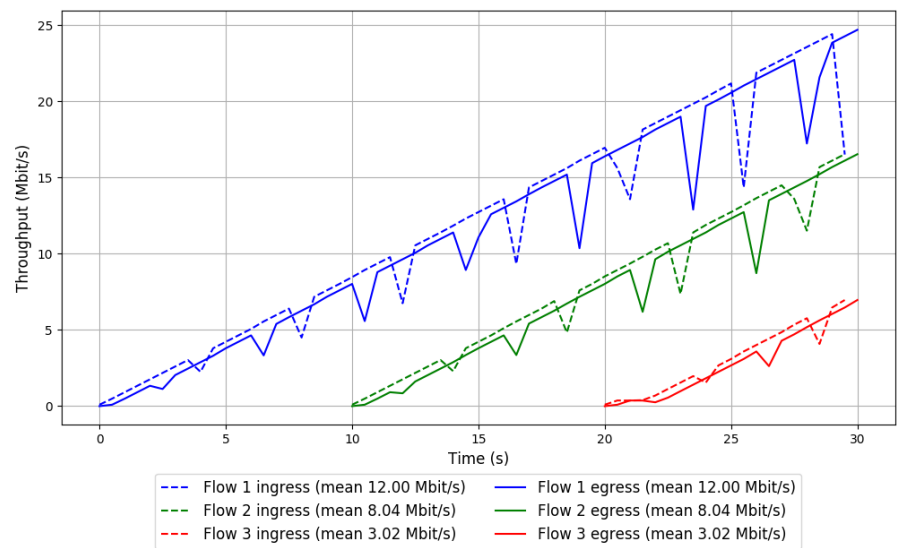


Run 2: Statistics of LEDBAT

Start at: 2018-08-01 05:28:31
End at: 2018-08-01 05:29:01
Local clock offset: -0.138 ms
Remote clock offset: -0.108 ms

Below is generated by plot.py at 2018-08-01 11:02:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 18.31 Mbit/s
95th percentile per-packet one-way delay: 88.076 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.00 Mbit/s
95th percentile per-packet one-way delay: 88.198 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.04 Mbit/s
95th percentile per-packet one-way delay: 87.807 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.02 Mbit/s
95th percentile per-packet one-way delay: 87.475 ms
Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link

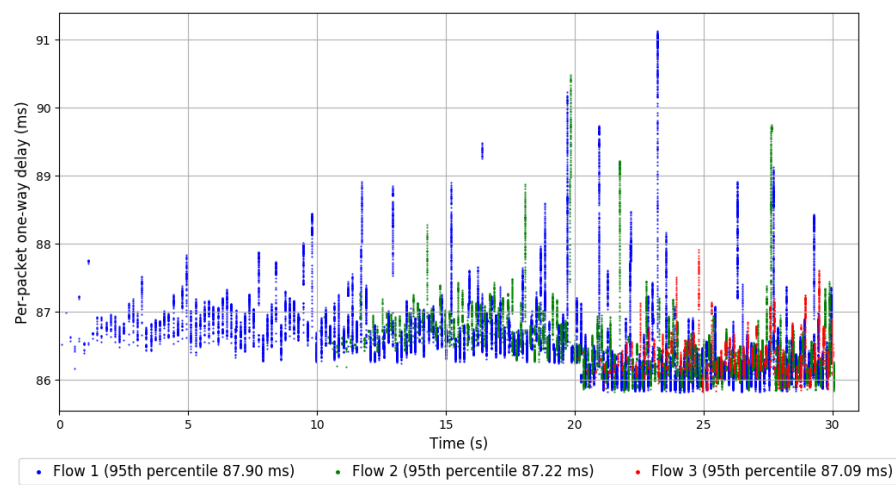
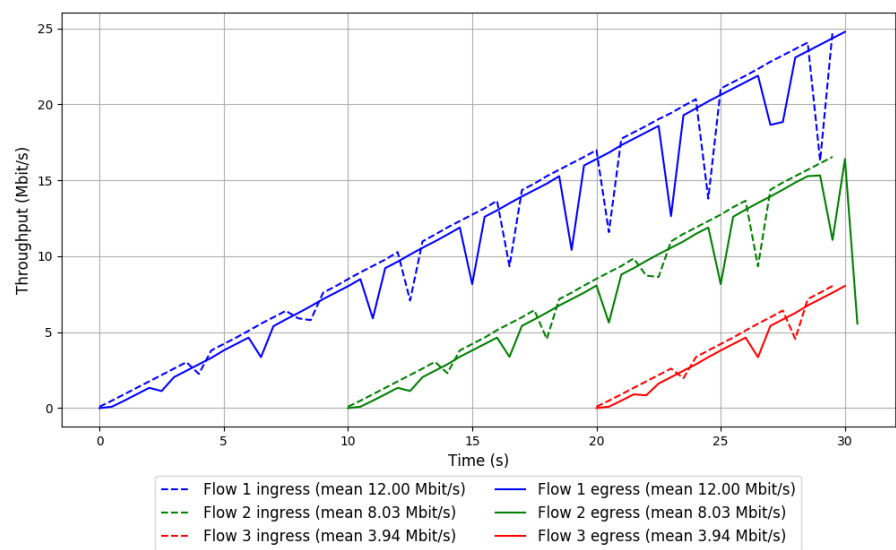


Run 3: Statistics of LEDBAT

Start at: 2018-08-01 05:54:43
End at: 2018-08-01 05:55:13
Local clock offset: 0.263 ms
Remote clock offset: -0.121 ms

Below is generated by plot.py at 2018-08-01 11:02:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 18.61 Mbit/s
95th percentile per-packet one-way delay: 87.693 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.00 Mbit/s
95th percentile per-packet one-way delay: 87.900 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.03 Mbit/s
95th percentile per-packet one-way delay: 87.217 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.94 Mbit/s
95th percentile per-packet one-way delay: 87.086 ms
Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link

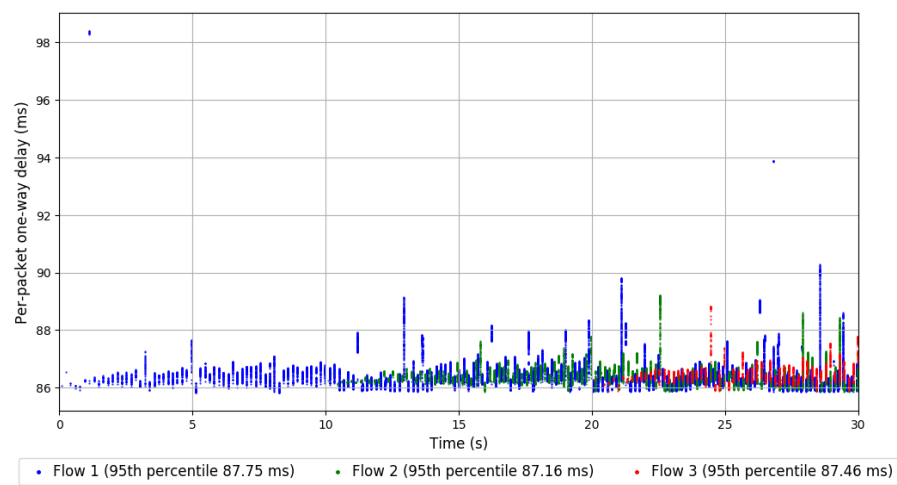
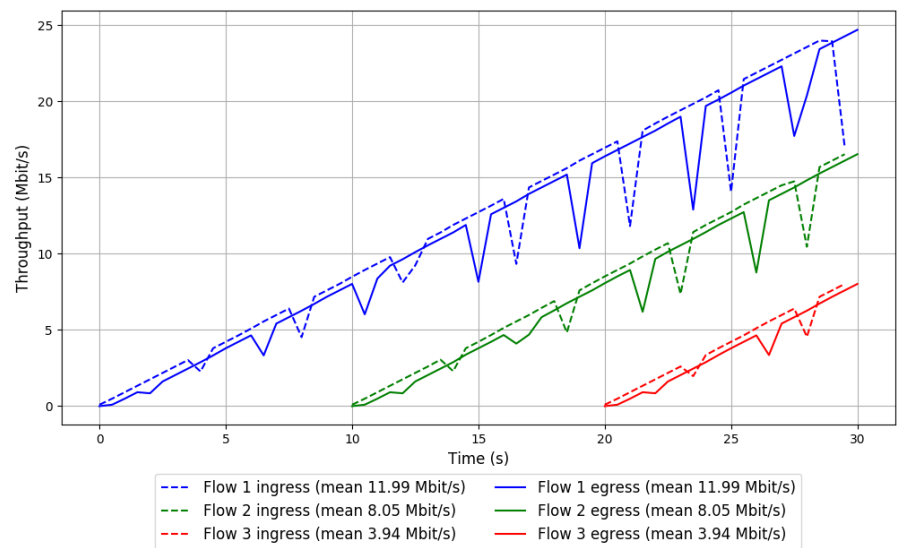


Run 4: Statistics of LEDBAT

Start at: 2018-08-01 06:21:13
End at: 2018-08-01 06:21:43
Local clock offset: 0.337 ms
Remote clock offset: -0.054 ms

Below is generated by plot.py at 2018-08-01 11:02:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 18.63 Mbit/s
95th percentile per-packet one-way delay: 87.548 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.99 Mbit/s
95th percentile per-packet one-way delay: 87.755 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.05 Mbit/s
95th percentile per-packet one-way delay: 87.159 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.94 Mbit/s
95th percentile per-packet one-way delay: 87.461 ms
Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link

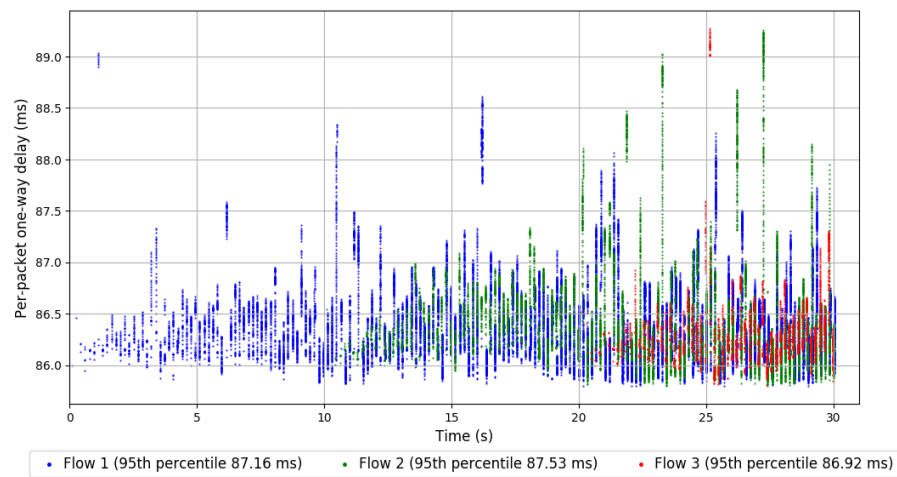
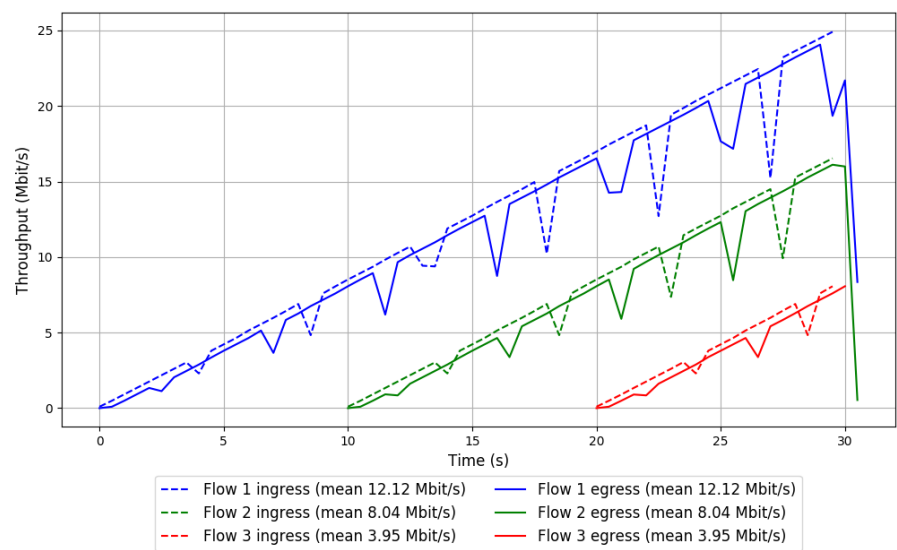


Run 5: Statistics of LEDBAT

Start at: 2018-08-01 06:47:40
End at: 2018-08-01 06:48:10
Local clock offset: 0.214 ms
Remote clock offset: -0.028 ms

Below is generated by plot.py at 2018-08-01 11:02:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 18.77 Mbit/s
95th percentile per-packet one-way delay: 87.214 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.12 Mbit/s
95th percentile per-packet one-way delay: 87.160 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.04 Mbit/s
95th percentile per-packet one-way delay: 87.527 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.95 Mbit/s
95th percentile per-packet one-way delay: 86.918 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

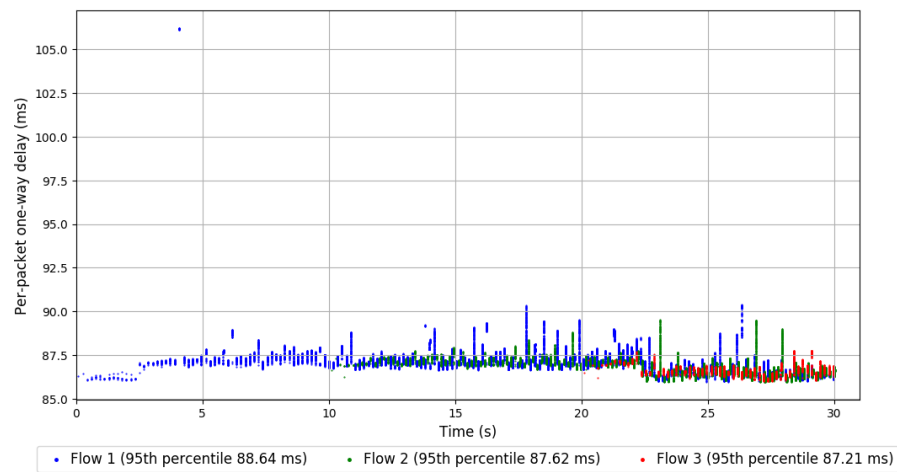
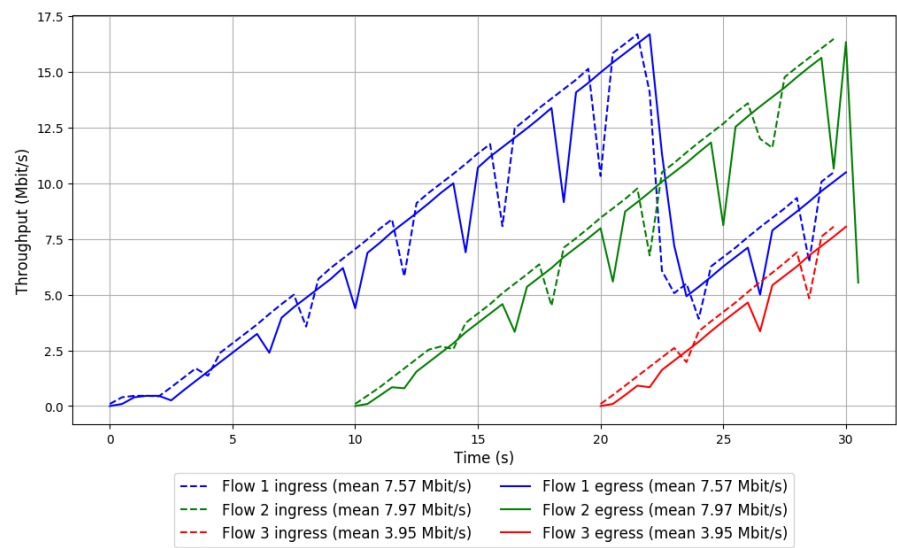


Run 6: Statistics of LEDBAT

Start at: 2018-08-01 07:14:11
End at: 2018-08-01 07:14:41
Local clock offset: 0.051 ms
Remote clock offset: -0.042 ms

Below is generated by plot.py at 2018-08-01 11:02:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 14.16 Mbit/s
95th percentile per-packet one-way delay: 88.166 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.57 Mbit/s
95th percentile per-packet one-way delay: 88.645 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 7.97 Mbit/s
95th percentile per-packet one-way delay: 87.622 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.95 Mbit/s
95th percentile per-packet one-way delay: 87.209 ms
Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link

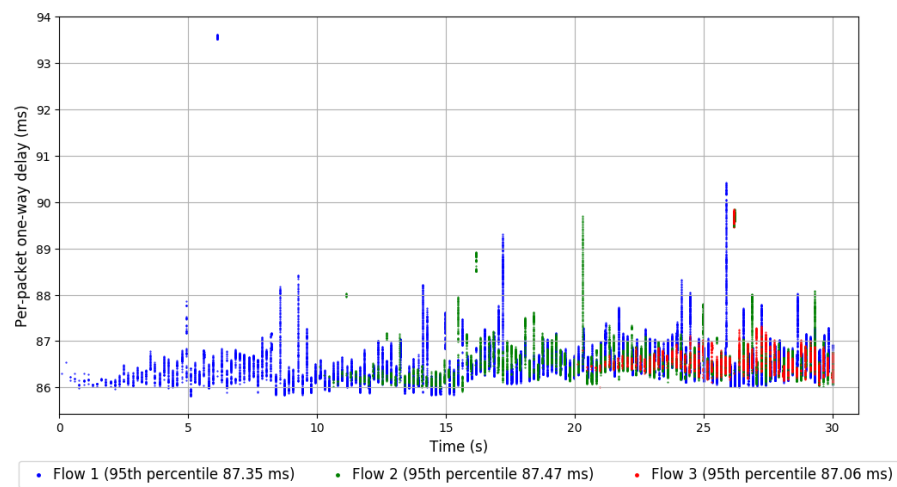
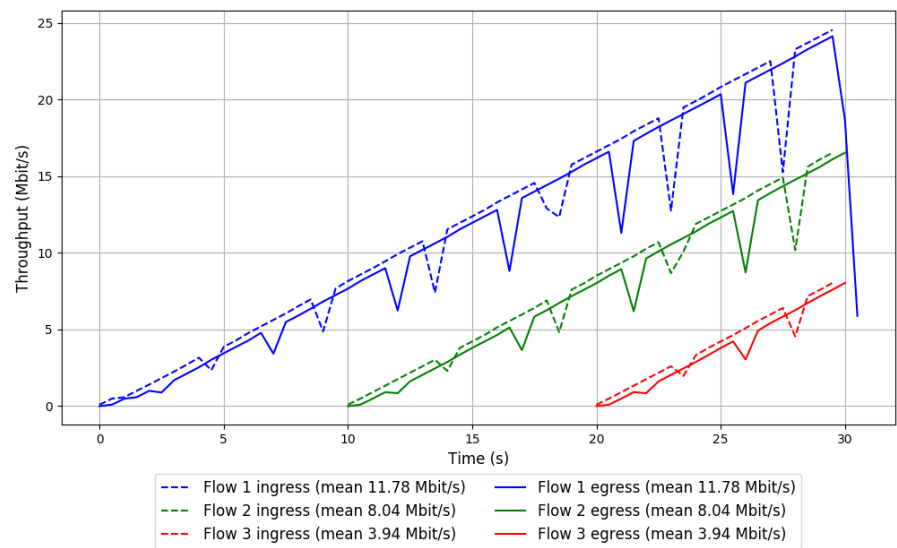


Run 7: Statistics of LEDBAT

Start at: 2018-08-01 07:40:38
End at: 2018-08-01 07:41:08
Local clock offset: 0.176 ms
Remote clock offset: -0.036 ms

Below is generated by plot.py at 2018-08-01 11:02:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 18.43 Mbit/s
95th percentile per-packet one-way delay: 87.364 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.78 Mbit/s
95th percentile per-packet one-way delay: 87.354 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.04 Mbit/s
95th percentile per-packet one-way delay: 87.473 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.94 Mbit/s
95th percentile per-packet one-way delay: 87.057 ms
Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

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

End at: 2018-08-01 08:07:31

Local clock offset: 0.131 ms

Remote clock offset: -0.06 ms

Below is generated by plot.py at 2018-08-01 11:02:03

Datalink statistics

-- Total of 3 flows:

Average throughput: 18.28 Mbit/s

95th percentile per-packet one-way delay: 87.285 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 11.92 Mbit/s

95th percentile per-packet one-way delay: 87.443 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 8.05 Mbit/s

95th percentile per-packet one-way delay: 86.903 ms

Loss rate: 0.00%

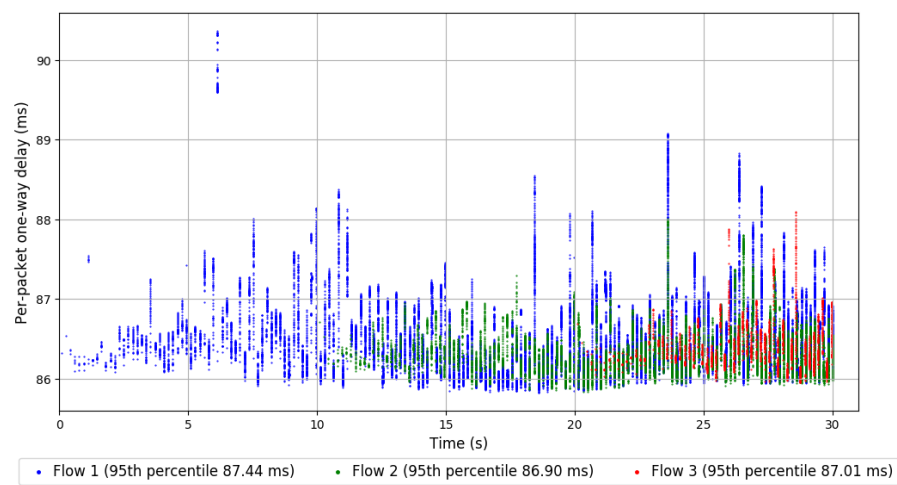
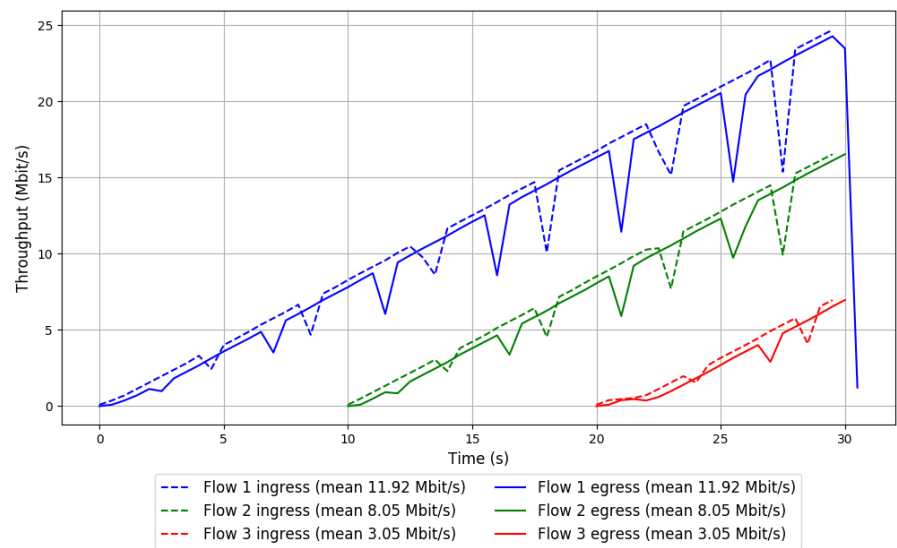
-- Flow 3:

Average throughput: 3.05 Mbit/s

95th percentile per-packet one-way delay: 87.011 ms

Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link

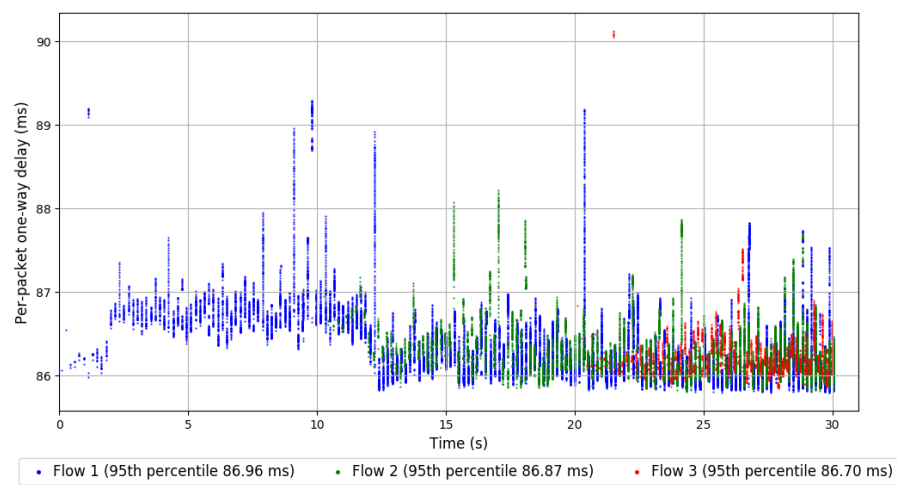
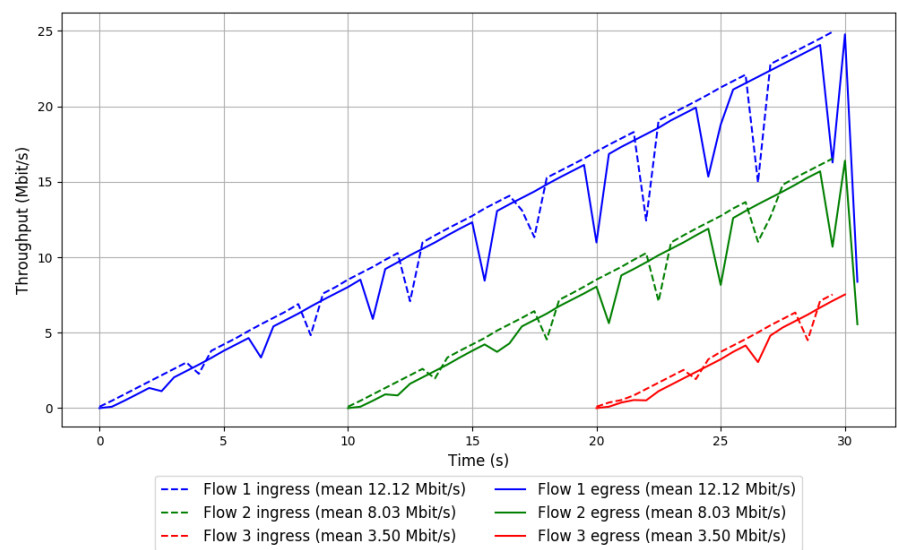


Run 9: Statistics of LEDBAT

Start at: 2018-08-01 08:33:21
End at: 2018-08-01 08:33:51
Local clock offset: 0.226 ms
Remote clock offset: -0.059 ms

Below is generated by plot.py at 2018-08-01 11:02:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 18.61 Mbit/s
95th percentile per-packet one-way delay: 86.934 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.12 Mbit/s
95th percentile per-packet one-way delay: 86.957 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.03 Mbit/s
95th percentile per-packet one-way delay: 86.870 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.50 Mbit/s
95th percentile per-packet one-way delay: 86.697 ms
Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link

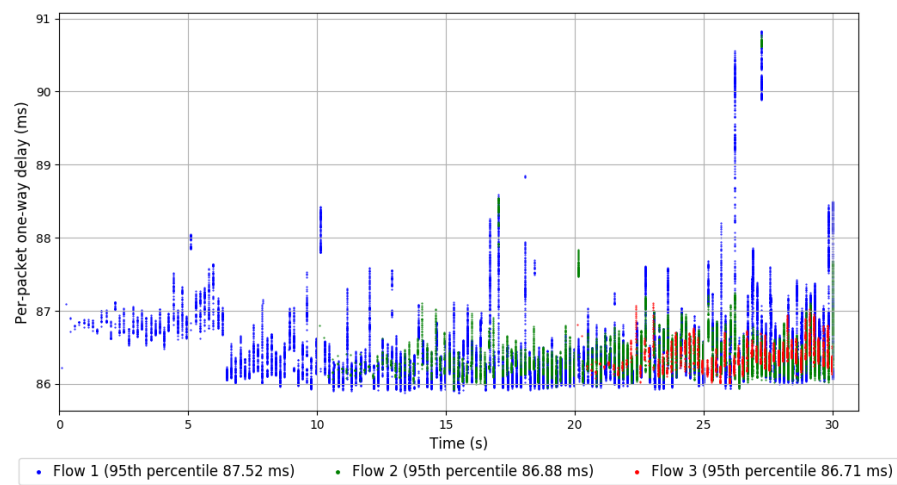
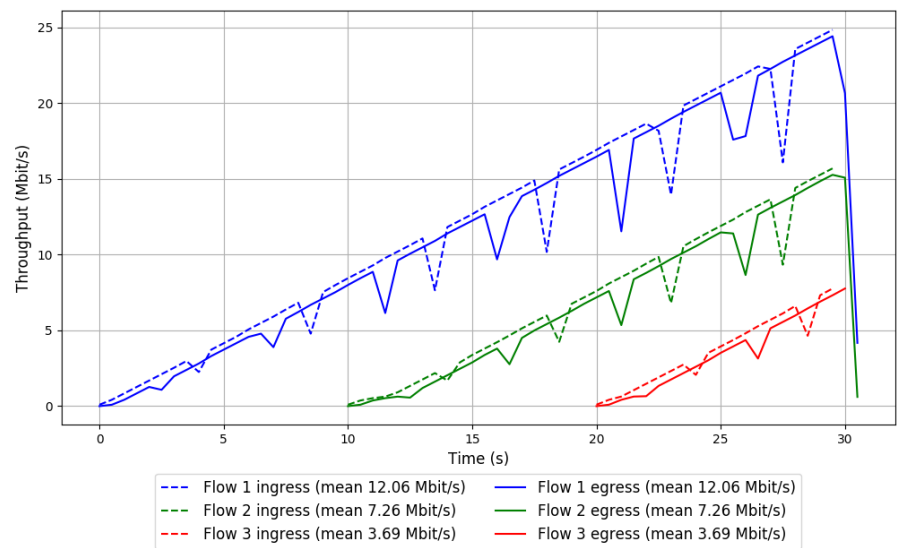


Run 10: Statistics of LEDBAT

Start at: 2018-08-01 08:59:47
End at: 2018-08-01 09:00:17
Local clock offset: 0.16 ms
Remote clock offset: -0.062 ms

Below is generated by plot.py at 2018-08-01 11:02:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 18.11 Mbit/s
95th percentile per-packet one-way delay: 87.318 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.06 Mbit/s
95th percentile per-packet one-way delay: 87.517 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 7.26 Mbit/s
95th percentile per-packet one-way delay: 86.884 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.69 Mbit/s
95th percentile per-packet one-way delay: 86.714 ms
Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link

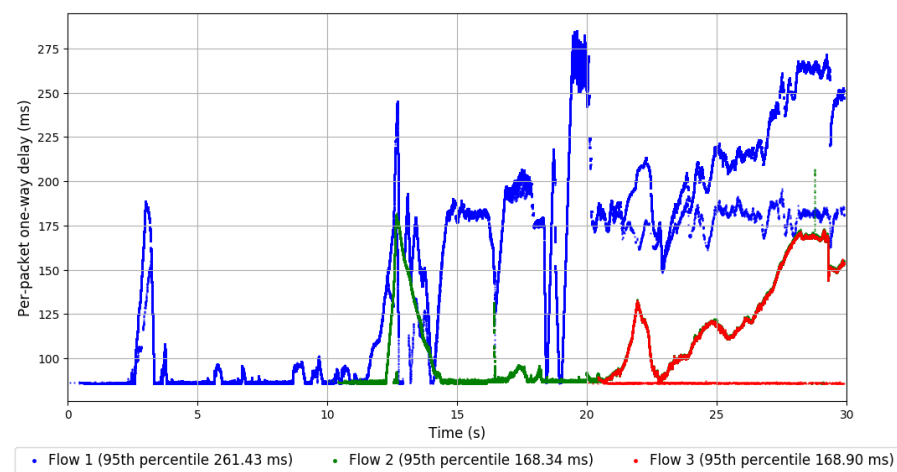
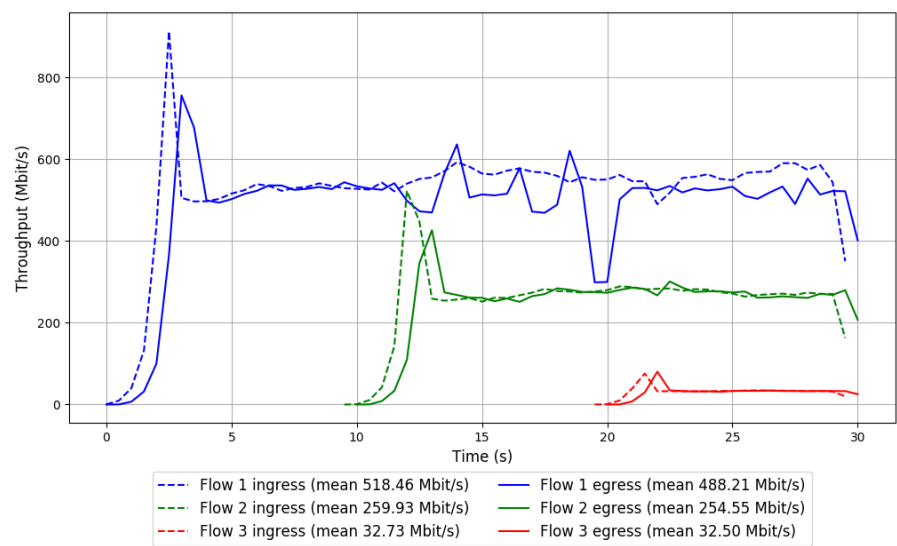


```
Run 1: Statistics of PCC-Allegro

Start at: 2018-08-01 04:36:57
End at: 2018-08-01 04:37:27
Local clock offset: 0.038 ms
Remote clock offset: -0.07 ms

# Below is generated by plot.py at 2018-08-01 11:07:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 668.34 Mbit/s
95th percentile per-packet one-way delay: 251.422 ms
Loss rate: 4.83%
-- Flow 1:
Average throughput: 488.21 Mbit/s
95th percentile per-packet one-way delay: 261.425 ms
Loss rate: 5.83%
-- Flow 2:
Average throughput: 254.55 Mbit/s
95th percentile per-packet one-way delay: 168.345 ms
Loss rate: 2.08%
-- Flow 3:
Average throughput: 32.50 Mbit/s
95th percentile per-packet one-way delay: 168.901 ms
Loss rate: 0.75%
```

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2018-08-01 05:03:20

End at: 2018-08-01 05:03:50

Local clock offset: 0.108 ms

Remote clock offset: -0.07 ms

Below is generated by plot.py at 2018-08-01 11:07:40

Datalink statistics

-- Total of 3 flows:

Average throughput: 682.16 Mbit/s

95th percentile per-packet one-way delay: 261.817 ms

Loss rate: 6.19%

-- Flow 1:

Average throughput: 452.93 Mbit/s

95th percentile per-packet one-way delay: 265.272 ms

Loss rate: 7.68%

-- Flow 2:

Average throughput: 232.72 Mbit/s

95th percentile per-packet one-way delay: 168.784 ms

Loss rate: 2.99%

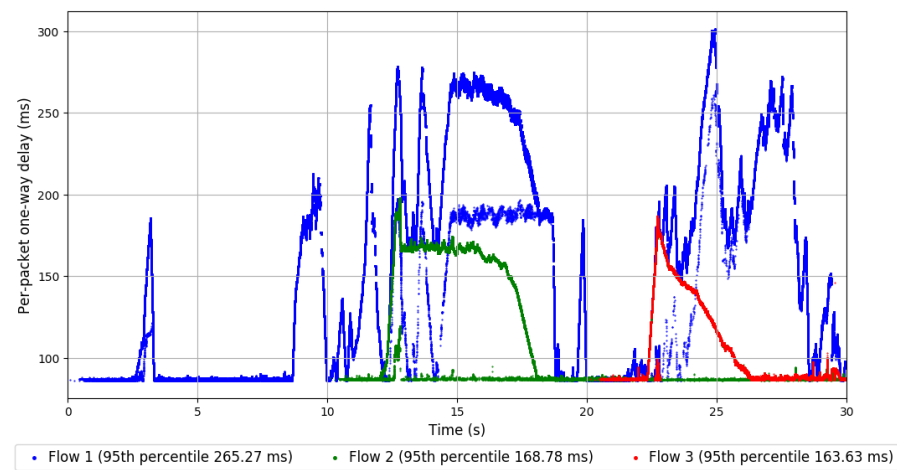
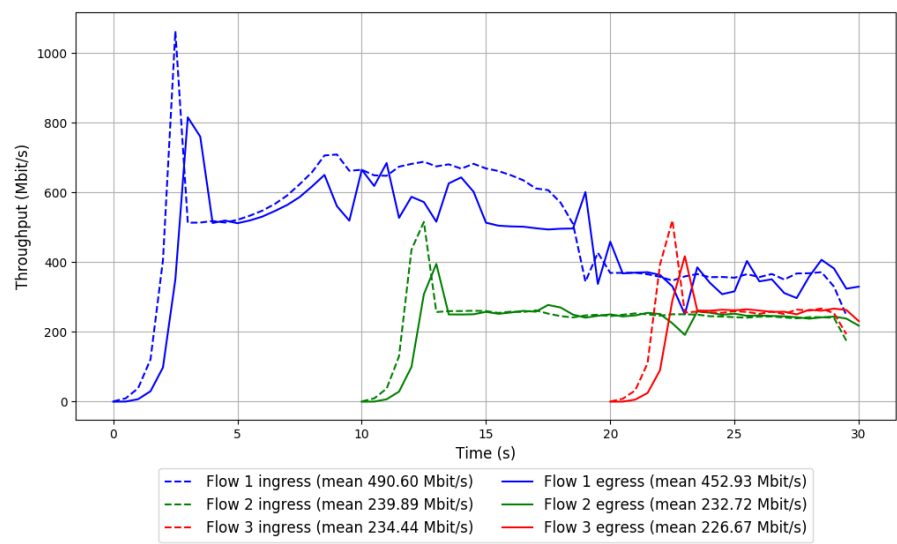
-- Flow 3:

Average throughput: 226.67 Mbit/s

95th percentile per-packet one-way delay: 163.632 ms

Loss rate: 3.31%

Run 2: Report of PCC-Allegro — Data Link

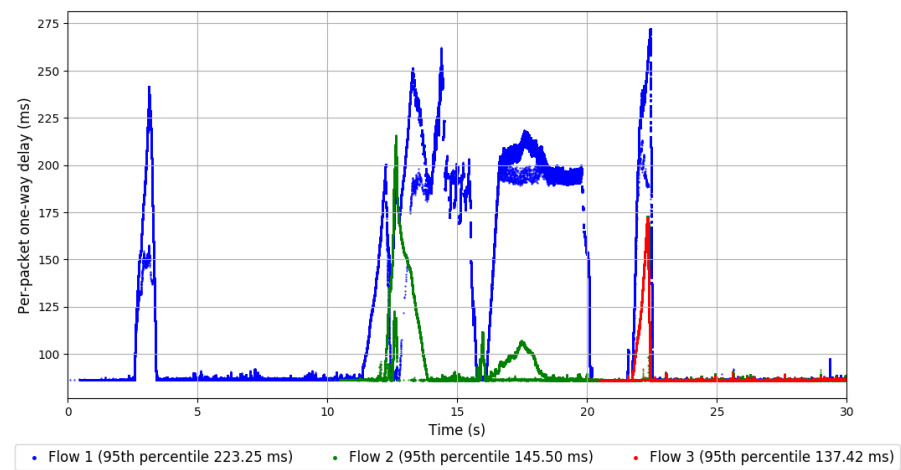
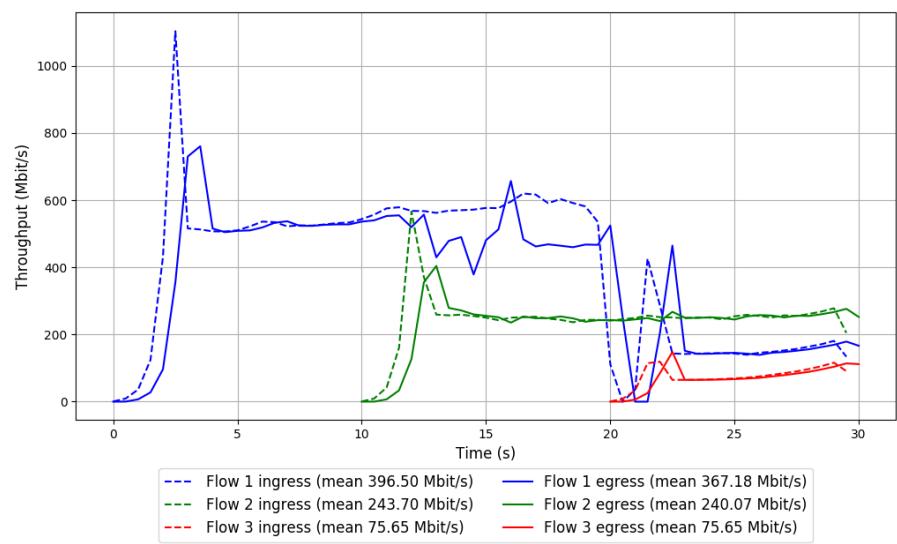


Run 3: Statistics of PCC-Allegro

Start at: 2018-08-01 05:29:44
End at: 2018-08-01 05:30:14
Local clock offset: 0.091 ms
Remote clock offset: -0.093 ms

Below is generated by plot.py at 2018-08-01 11:07:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 551.61 Mbit/s
95th percentile per-packet one-way delay: 212.622 ms
Loss rate: 5.44%
-- Flow 1:
Average throughput: 367.18 Mbit/s
95th percentile per-packet one-way delay: 223.246 ms
Loss rate: 7.40%
-- Flow 2:
Average throughput: 240.07 Mbit/s
95th percentile per-packet one-way delay: 145.499 ms
Loss rate: 1.49%
-- Flow 3:
Average throughput: 75.65 Mbit/s
95th percentile per-packet one-way delay: 137.419 ms
Loss rate: 0.01%

Run 3: Report of PCC-Allegro — Data Link

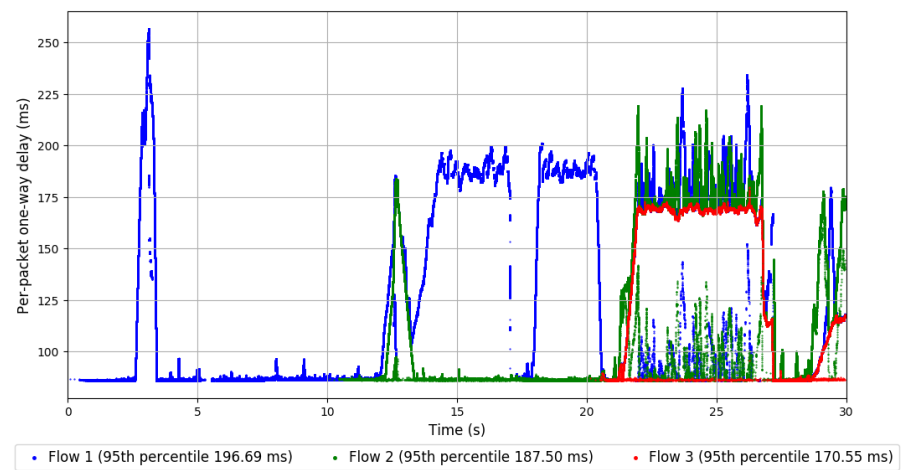
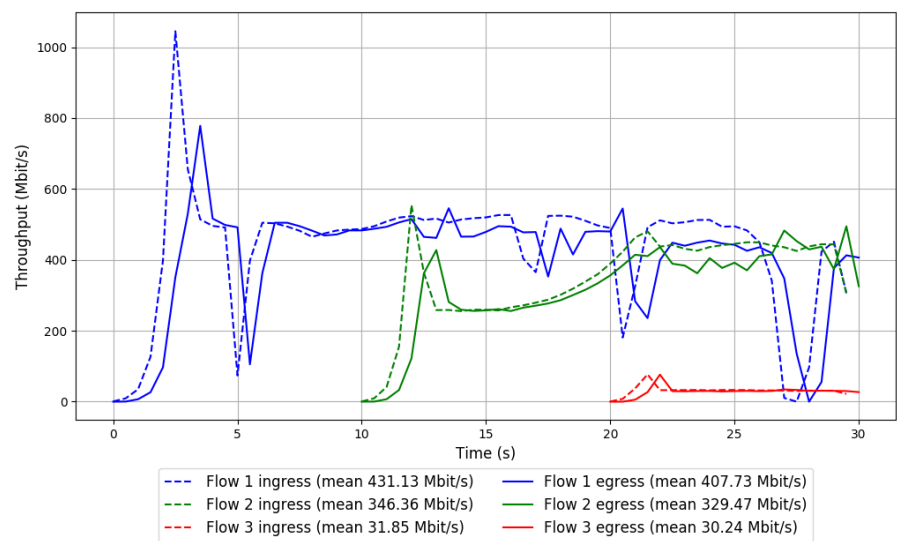


Run 4: Statistics of PCC-Allegro

Start at: 2018-08-01 05:55:56
End at: 2018-08-01 05:56:26
Local clock offset: 0.062 ms
Remote clock offset: -0.102 ms

Below is generated by plot.py at 2018-08-01 11:09:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 636.67 Mbit/s
95th percentile per-packet one-way delay: 194.658 ms
Loss rate: 5.23%
-- Flow 1:
Average throughput: 407.73 Mbit/s
95th percentile per-packet one-way delay: 196.685 ms
Loss rate: 5.43%
-- Flow 2:
Average throughput: 329.47 Mbit/s
95th percentile per-packet one-way delay: 187.499 ms
Loss rate: 4.88%
-- Flow 3:
Average throughput: 30.24 Mbit/s
95th percentile per-packet one-way delay: 170.549 ms
Loss rate: 5.03%

Run 4: Report of PCC-Allegro — Data Link

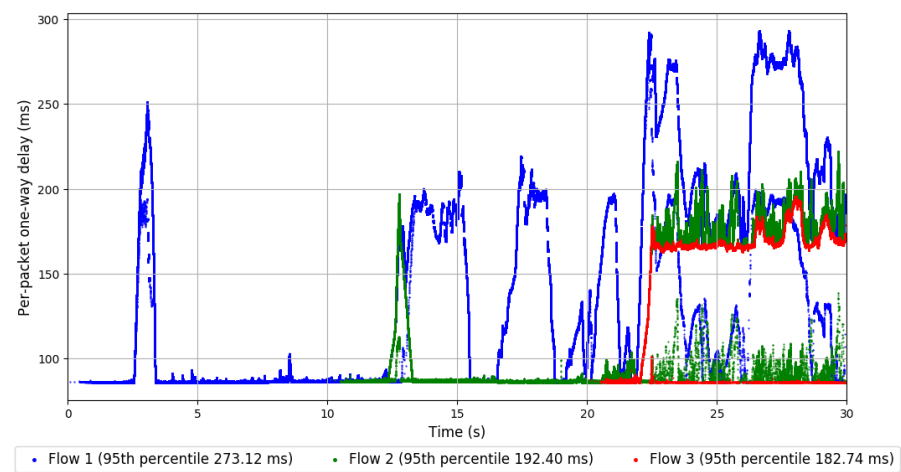
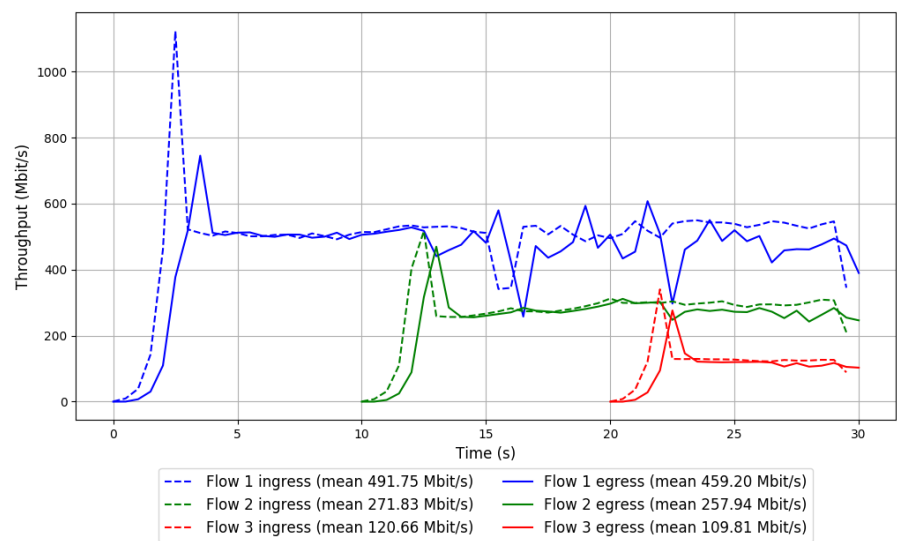


Run 5: Statistics of PCC-Allegro

Start at: 2018-08-01 06:22:25
End at: 2018-08-01 06:22:55
Local clock offset: -0.025 ms
Remote clock offset: -0.064 ms

Below is generated by plot.py at 2018-08-01 11:12:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 666.41 Mbit/s
95th percentile per-packet one-way delay: 267.649 ms
Loss rate: 6.37%
-- Flow 1:
Average throughput: 459.20 Mbit/s
95th percentile per-packet one-way delay: 273.117 ms
Loss rate: 6.62%
-- Flow 2:
Average throughput: 257.94 Mbit/s
95th percentile per-packet one-way delay: 192.401 ms
Loss rate: 5.12%
-- Flow 3:
Average throughput: 109.81 Mbit/s
95th percentile per-packet one-way delay: 182.739 ms
Loss rate: 8.95%

Run 5: Report of PCC-Allegro — Data Link

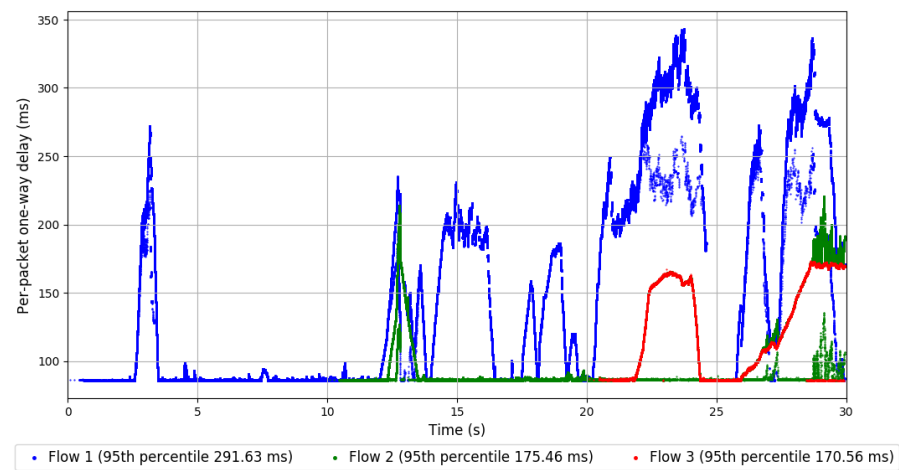
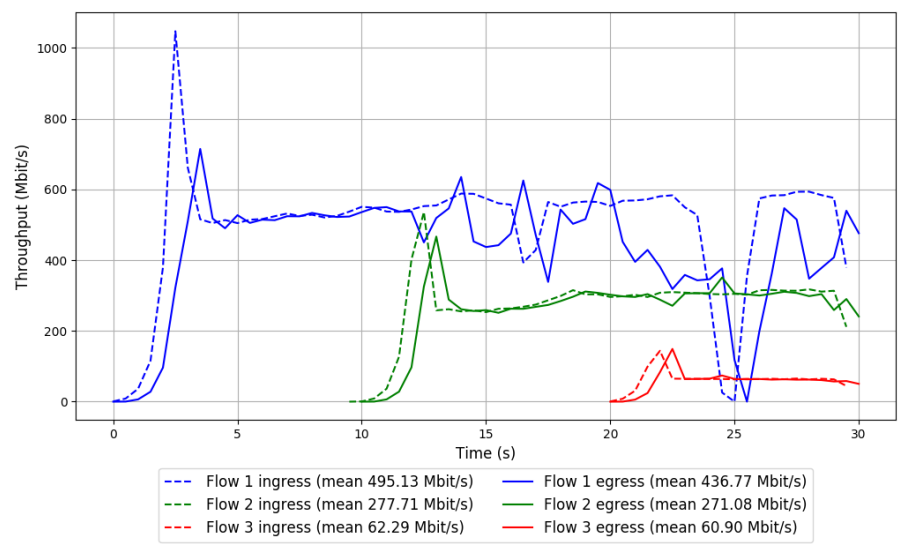


Run 6: Statistics of PCC-Allegro

Start at: 2018-08-01 06:48:52
End at: 2018-08-01 06:49:22
Local clock offset: 0.224 ms
Remote clock offset: -0.074 ms

Below is generated by plot.py at 2018-08-01 11:12:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 637.10 Mbit/s
95th percentile per-packet one-way delay: 280.556 ms
Loss rate: 9.03%
-- Flow 1:
Average throughput: 436.77 Mbit/s
95th percentile per-packet one-way delay: 291.629 ms
Loss rate: 11.79%
-- Flow 2:
Average throughput: 271.08 Mbit/s
95th percentile per-packet one-way delay: 175.464 ms
Loss rate: 2.38%
-- Flow 3:
Average throughput: 60.90 Mbit/s
95th percentile per-packet one-way delay: 170.564 ms
Loss rate: 2.23%

Run 6: Report of PCC-Allegro — Data Link

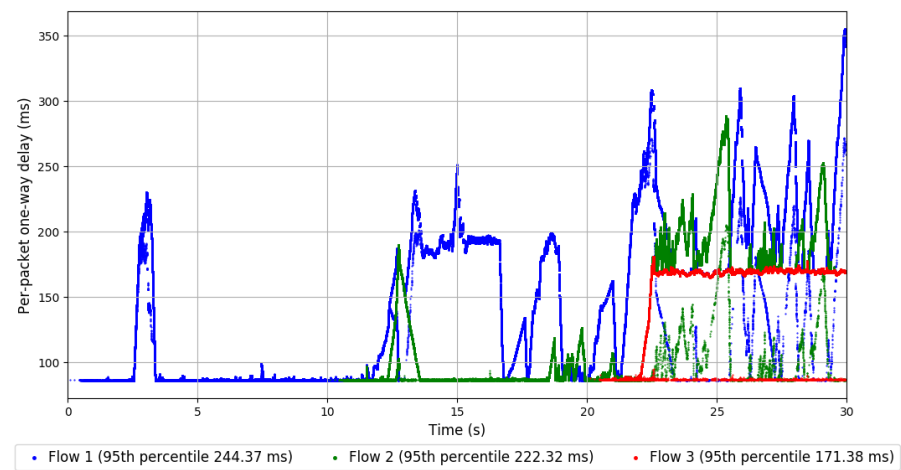
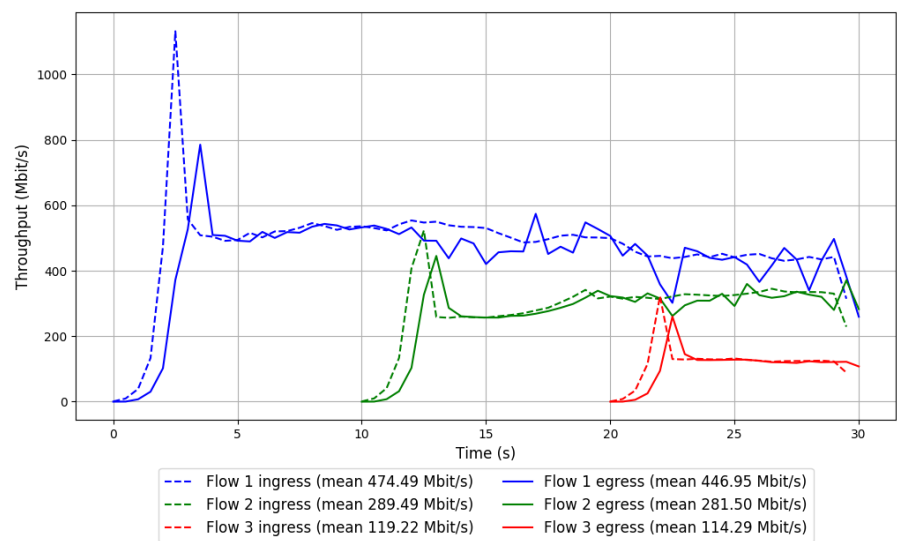


Run 7: Statistics of PCC-Allegro

Start at: 2018-08-01 07:15:23
End at: 2018-08-01 07:15:53
Local clock offset: 0.042 ms
Remote clock offset: -0.082 ms

Below is generated by plot.py at 2018-08-01 11:14:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 671.70 Mbit/s
95th percentile per-packet one-way delay: 236.085 ms
Loss rate: 4.89%
-- Flow 1:
Average throughput: 446.95 Mbit/s
95th percentile per-packet one-way delay: 244.374 ms
Loss rate: 5.80%
-- Flow 2:
Average throughput: 281.50 Mbit/s
95th percentile per-packet one-way delay: 222.316 ms
Loss rate: 2.76%
-- Flow 3:
Average throughput: 114.29 Mbit/s
95th percentile per-packet one-way delay: 171.380 ms
Loss rate: 4.20%

Run 7: Report of PCC-Allegro — Data Link

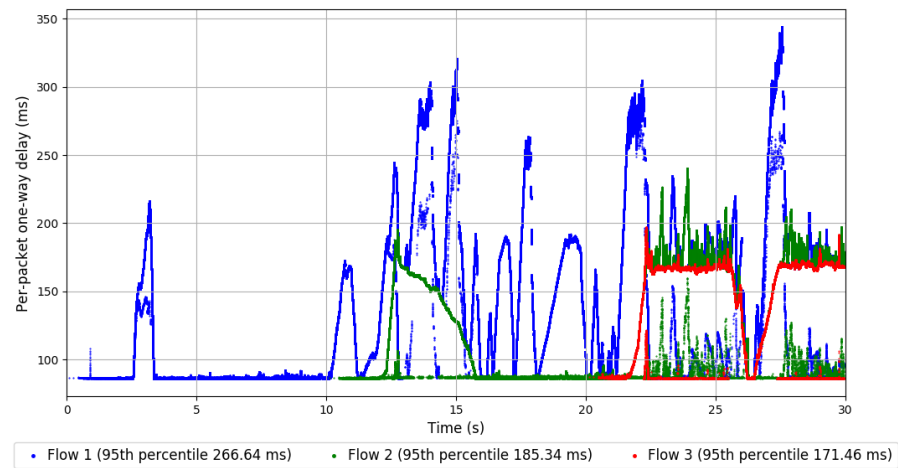
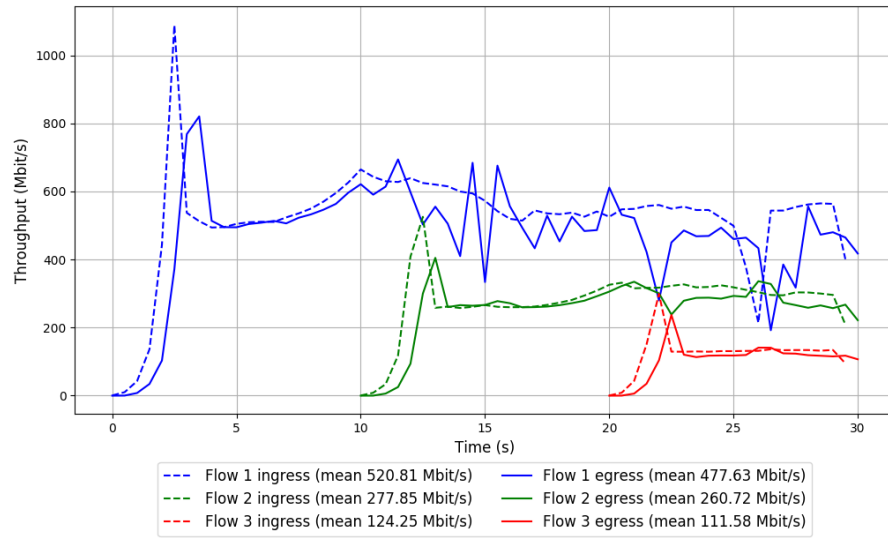


Run 8: Statistics of PCC-Allegro

Start at: 2018-08-01 07:41:50
End at: 2018-08-01 07:42:20
Local clock offset: 0.068 ms
Remote clock offset: -0.047 ms

Below is generated by plot.py at 2018-08-01 11:15:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 687.49 Mbit/s
95th percentile per-packet one-way delay: 236.754 ms
Loss rate: 7.86%
-- Flow 1:
Average throughput: 477.63 Mbit/s
95th percentile per-packet one-way delay: 266.636 ms
Loss rate: 8.28%
-- Flow 2:
Average throughput: 260.72 Mbit/s
95th percentile per-packet one-way delay: 185.340 ms
Loss rate: 6.16%
-- Flow 3:
Average throughput: 111.58 Mbit/s
95th percentile per-packet one-way delay: 171.461 ms
Loss rate: 10.19%

Run 8: Report of PCC-Allegro — Data Link

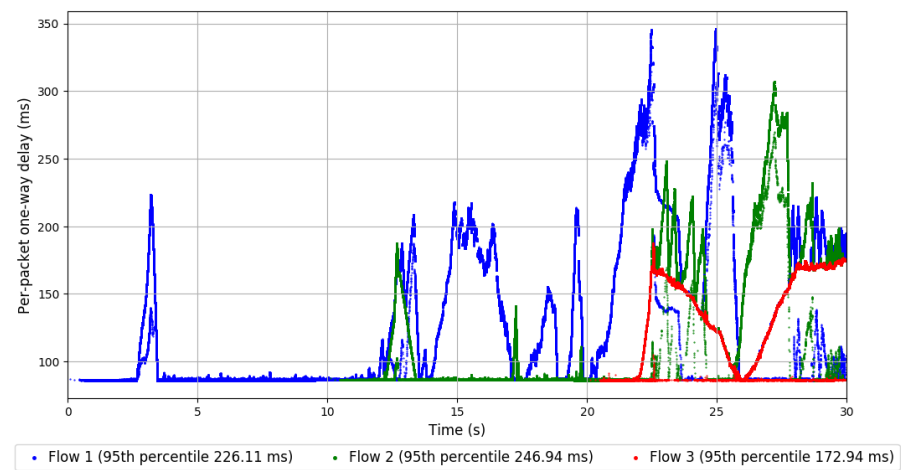
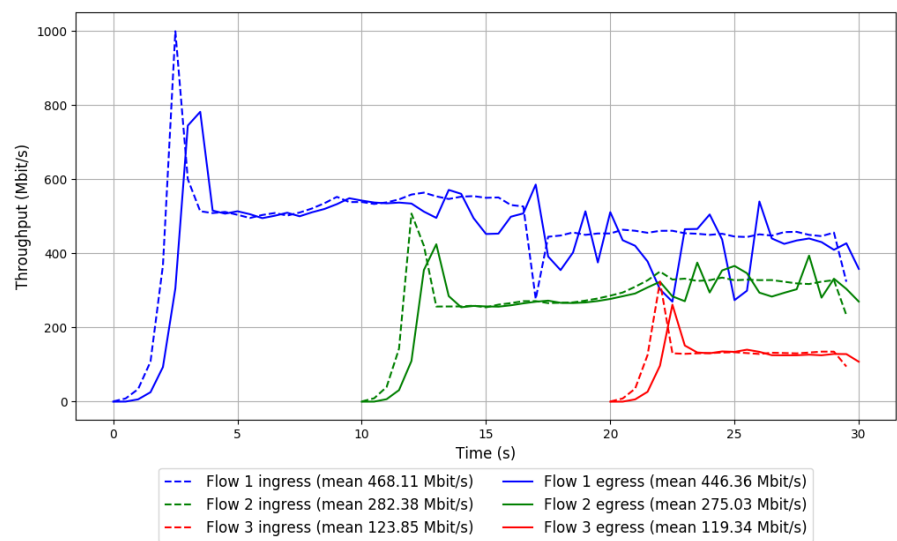


Run 9: Statistics of PCC-Allegro

Start at: 2018-08-01 08:08:14
End at: 2018-08-01 08:08:44
Local clock offset: 0.075 ms
Remote clock offset: -0.015 ms

Below is generated by plot.py at 2018-08-01 11:19:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 668.30 Mbit/s
95th percentile per-packet one-way delay: 226.901 ms
Loss rate: 4.04%
-- Flow 1:
Average throughput: 446.36 Mbit/s
95th percentile per-packet one-way delay: 226.107 ms
Loss rate: 4.64%
-- Flow 2:
Average throughput: 275.03 Mbit/s
95th percentile per-packet one-way delay: 246.942 ms
Loss rate: 2.61%
-- Flow 3:
Average throughput: 119.34 Mbit/s
95th percentile per-packet one-way delay: 172.936 ms
Loss rate: 3.62%

Run 9: Report of PCC-Allegro — Data Link

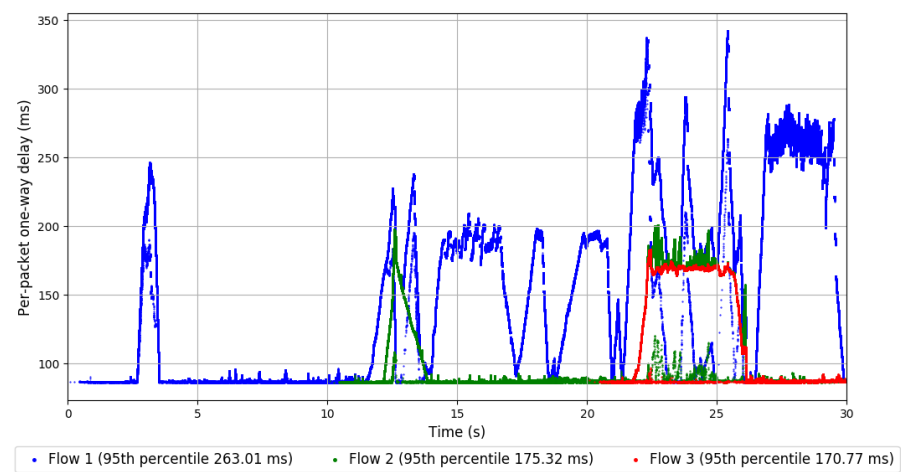
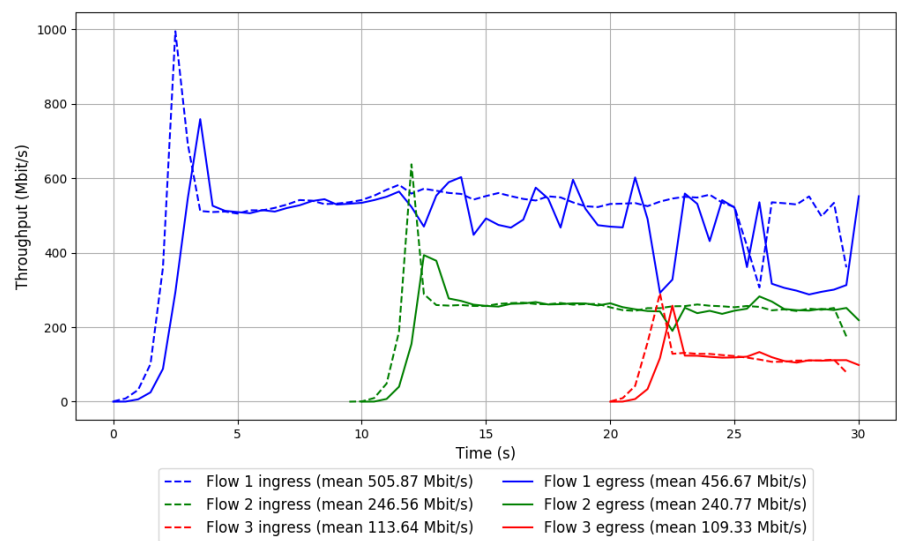


Run 10: Statistics of PCC-Allegro

Start at: 2018-08-01 08:34:34
End at: 2018-08-01 08:35:04
Local clock offset: 0.113 ms
Remote clock offset: -0.069 ms

Below is generated by plot.py at 2018-08-01 11:19:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 652.75 Mbit/s
95th percentile per-packet one-way delay: 252.444 ms
Loss rate: 7.70%
-- Flow 1:
Average throughput: 456.67 Mbit/s
95th percentile per-packet one-way delay: 263.008 ms
Loss rate: 9.73%
-- Flow 2:
Average throughput: 240.77 Mbit/s
95th percentile per-packet one-way delay: 175.318 ms
Loss rate: 2.34%
-- Flow 3:
Average throughput: 109.33 Mbit/s
95th percentile per-packet one-way delay: 170.769 ms
Loss rate: 3.79%

Run 10: Report of PCC-Allegro — Data Link

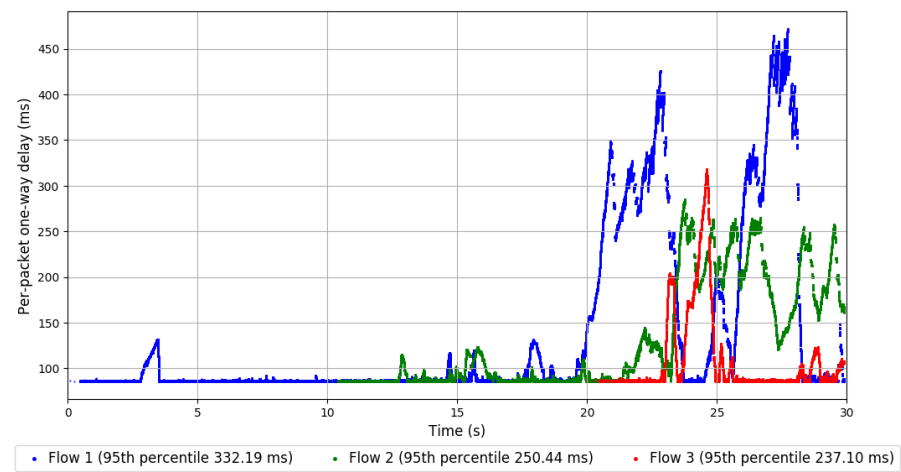
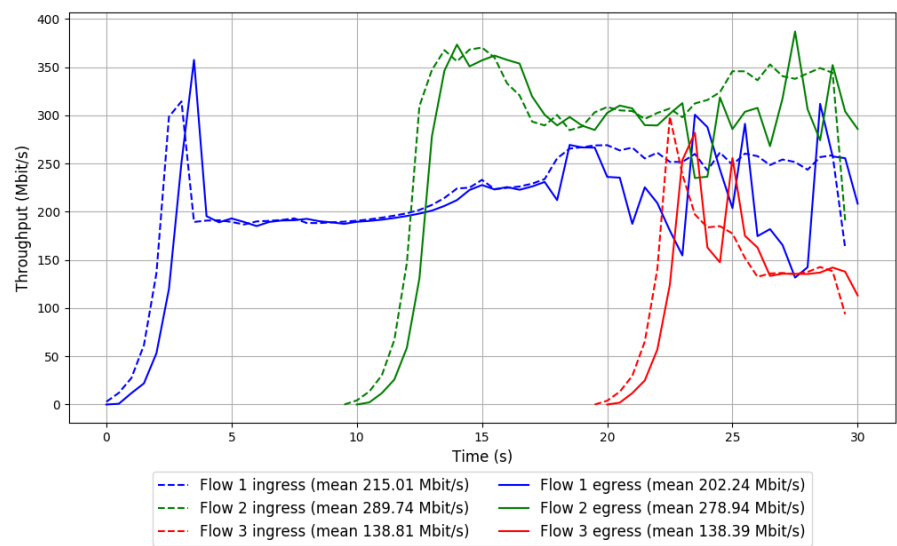


```
Run 1: Statistics of PCC-Expr

Start at: 2018-08-01 04:51:32
End at: 2018-08-01 04:52:02
Local clock offset: 0.167 ms
Remote clock offset: -0.127 ms

# Below is generated by plot.py at 2018-08-01 11:23:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 433.99 Mbit/s
95th percentile per-packet one-way delay: 290.963 ms
Loss rate: 4.43%
-- Flow 1:
Average throughput: 202.24 Mbit/s
95th percentile per-packet one-way delay: 332.188 ms
Loss rate: 5.94%
-- Flow 2:
Average throughput: 278.94 Mbit/s
95th percentile per-packet one-way delay: 250.438 ms
Loss rate: 3.73%
-- Flow 3:
Average throughput: 138.39 Mbit/s
95th percentile per-packet one-way delay: 237.102 ms
Loss rate: 0.31%
```


Run 1: Report of PCC-Expr — Data Link

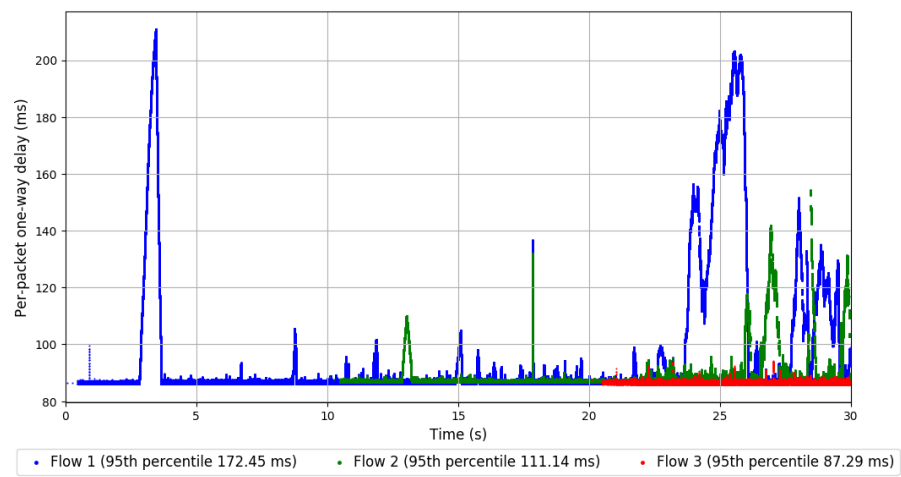
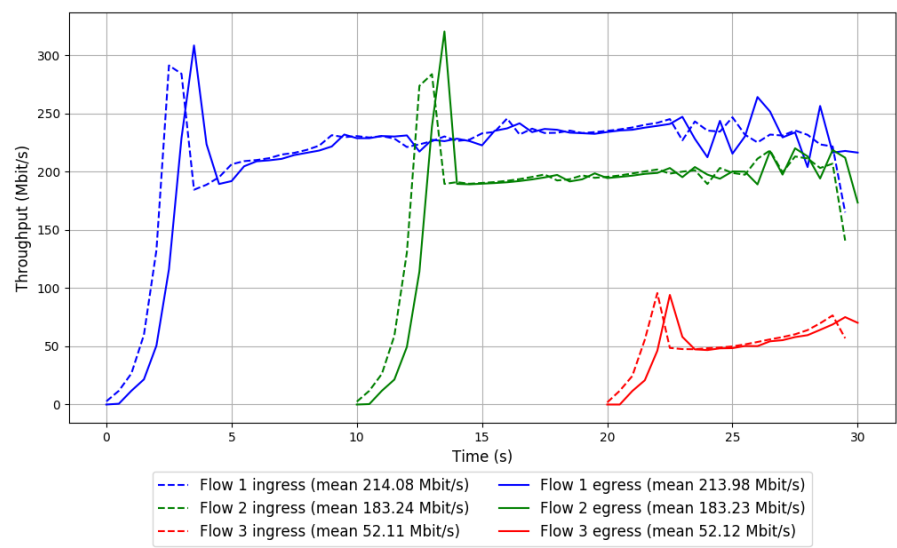


Run 2: Statistics of PCC-Expr

Start at: 2018-08-01 05:17:56
End at: 2018-08-01 05:18:26
Local clock offset: -0.031 ms
Remote clock offset: -0.119 ms

Below is generated by plot.py at 2018-08-01 11:23:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 353.01 Mbit/s
95th percentile per-packet one-way delay: 146.311 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 213.98 Mbit/s
95th percentile per-packet one-way delay: 172.447 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 183.23 Mbit/s
95th percentile per-packet one-way delay: 111.142 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 52.12 Mbit/s
95th percentile per-packet one-way delay: 87.287 ms
Loss rate: 0.00%

Run 2: Report of PCC-Expr — Data Link

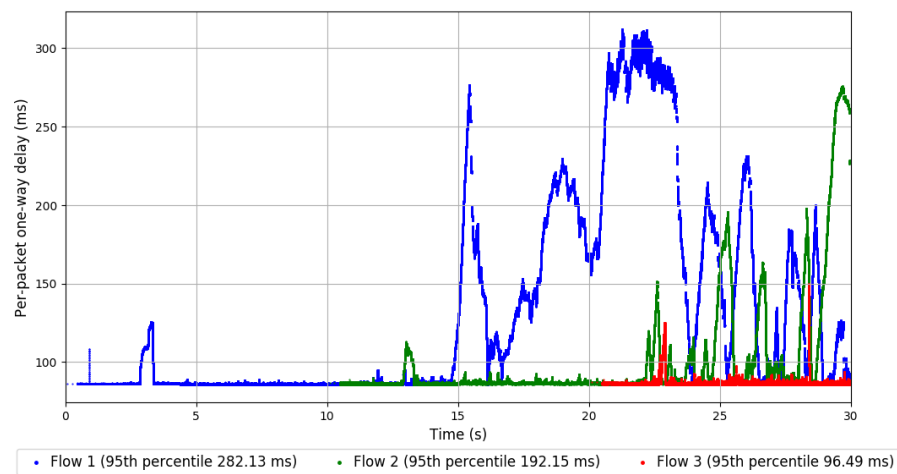
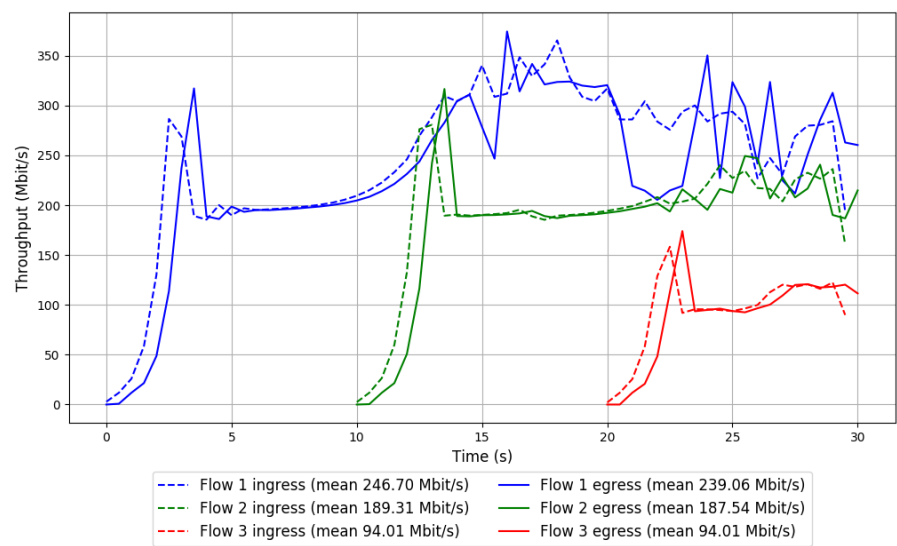


Run 3: Statistics of PCC-Expr

Start at: 2018-08-01 05:44:09
End at: 2018-08-01 05:44:39
Local clock offset: 0.088 ms
Remote clock offset: -0.137 ms

Below is generated by plot.py at 2018-08-01 11:25:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 394.74 Mbit/s
95th percentile per-packet one-way delay: 270.639 ms
Loss rate: 2.18%
-- Flow 1:
Average throughput: 239.06 Mbit/s
95th percentile per-packet one-way delay: 282.127 ms
Loss rate: 3.09%
-- Flow 2:
Average throughput: 187.54 Mbit/s
95th percentile per-packet one-way delay: 192.147 ms
Loss rate: 0.93%
-- Flow 3:
Average throughput: 94.01 Mbit/s
95th percentile per-packet one-way delay: 96.487 ms
Loss rate: 0.00%

Run 3: Report of PCC-Expr — Data Link

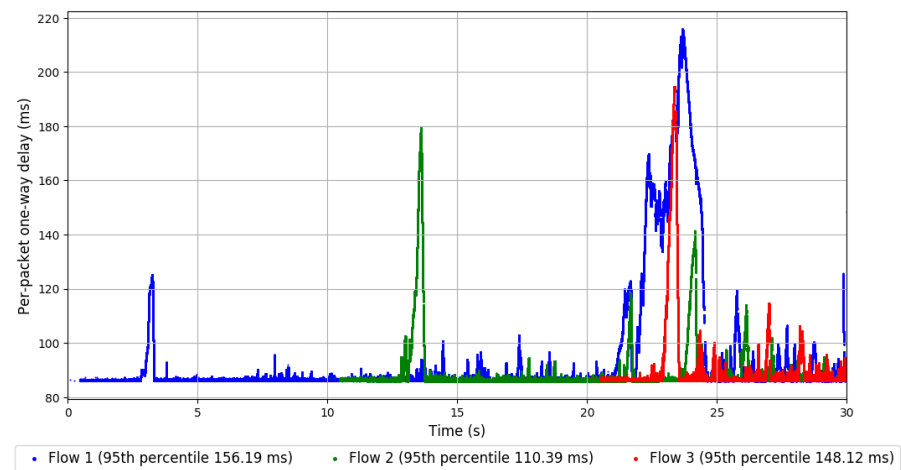
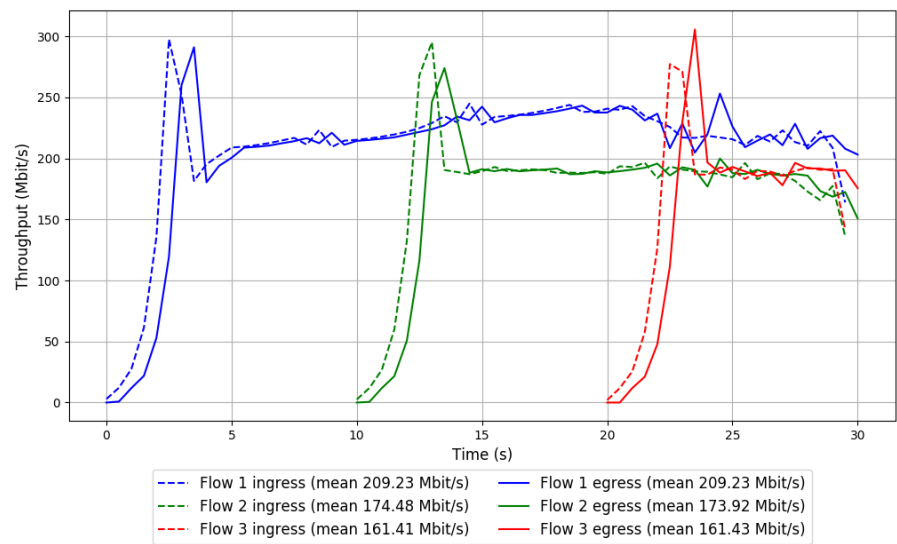


Run 4: Statistics of PCC-Expr

Start at: 2018-08-01 06:10:40
End at: 2018-08-01 06:11:10
Local clock offset: 0.178 ms
Remote clock offset: -0.086 ms

Below is generated by plot.py at 2018-08-01 11:25:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 378.02 Mbit/s
95th percentile per-packet one-way delay: 147.055 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 209.23 Mbit/s
95th percentile per-packet one-way delay: 156.190 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 173.92 Mbit/s
95th percentile per-packet one-way delay: 110.394 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 161.43 Mbit/s
95th percentile per-packet one-way delay: 148.124 ms
Loss rate: 0.00%

Run 4: Report of PCC-Expr — Data Link

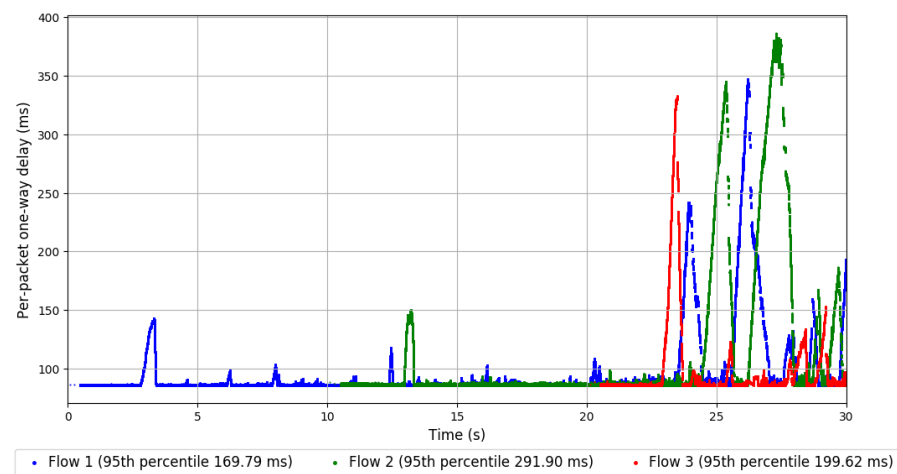
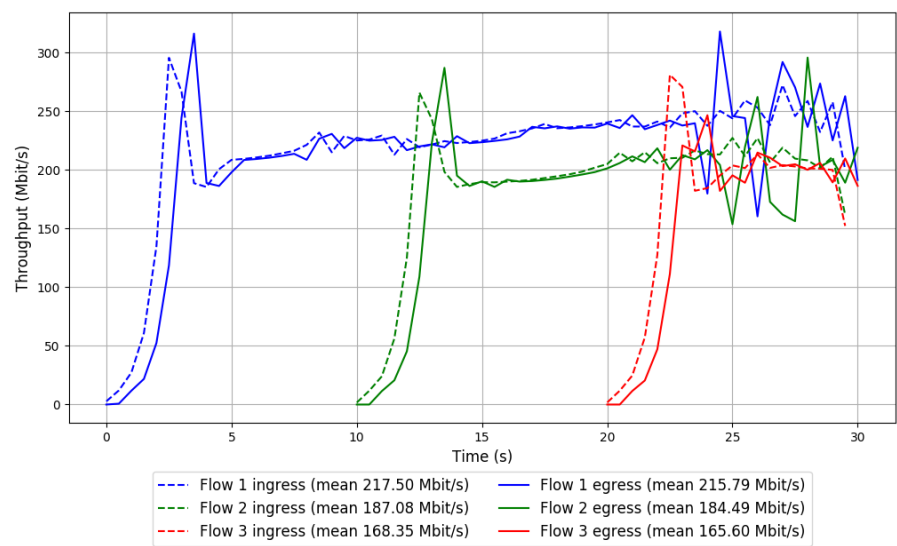


Run 5: Statistics of PCC-Expr

Start at: 2018-08-01 06:36:56
End at: 2018-08-01 06:37:26
Local clock offset: 0.083 ms
Remote clock offset: -0.036 ms

Below is generated by plot.py at 2018-08-01 11:28:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 393.06 Mbit/s
95th percentile per-packet one-way delay: 213.074 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 215.79 Mbit/s
95th percentile per-packet one-way delay: 169.795 ms
Loss rate: 0.78%
-- Flow 2:
Average throughput: 184.49 Mbit/s
95th percentile per-packet one-way delay: 291.896 ms
Loss rate: 1.39%
-- Flow 3:
Average throughput: 165.60 Mbit/s
95th percentile per-packet one-way delay: 199.619 ms
Loss rate: 1.62%

Run 5: Report of PCC-Expr — Data Link

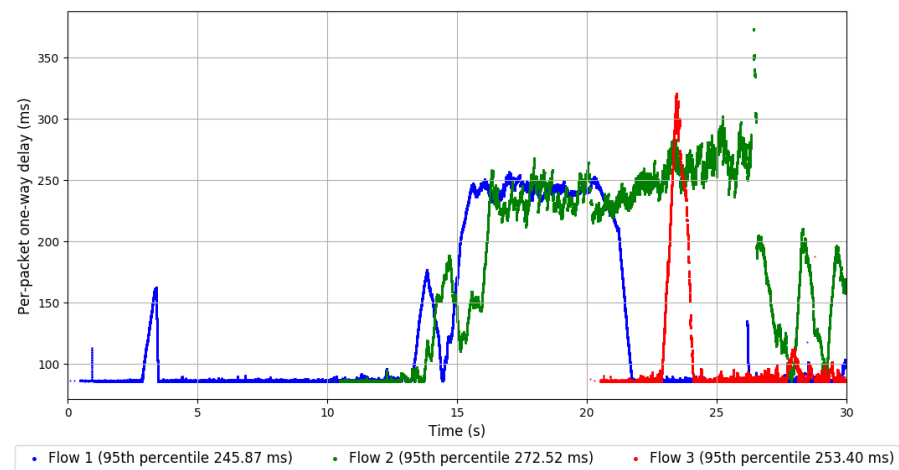
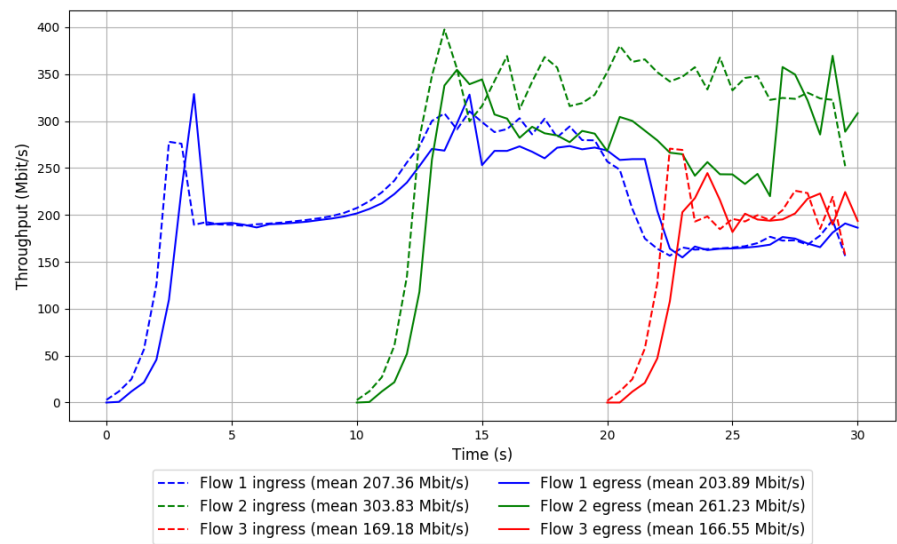


Run 6: Statistics of PCC-Expr

Start at: 2018-08-01 07:03:24
End at: 2018-08-01 07:03:54
Local clock offset: 0.031 ms
Remote clock offset: -0.028 ms

Below is generated by plot.py at 2018-08-01 11:31:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 432.59 Mbit/s
95th percentile per-packet one-way delay: 260.720 ms
Loss rate: 7.02%
-- Flow 1:
Average throughput: 203.89 Mbit/s
95th percentile per-packet one-way delay: 245.874 ms
Loss rate: 1.67%
-- Flow 2:
Average throughput: 261.23 Mbit/s
95th percentile per-packet one-way delay: 272.520 ms
Loss rate: 14.02%
-- Flow 3:
Average throughput: 166.55 Mbit/s
95th percentile per-packet one-way delay: 253.404 ms
Loss rate: 1.57%

Run 6: Report of PCC-Expr — Data Link

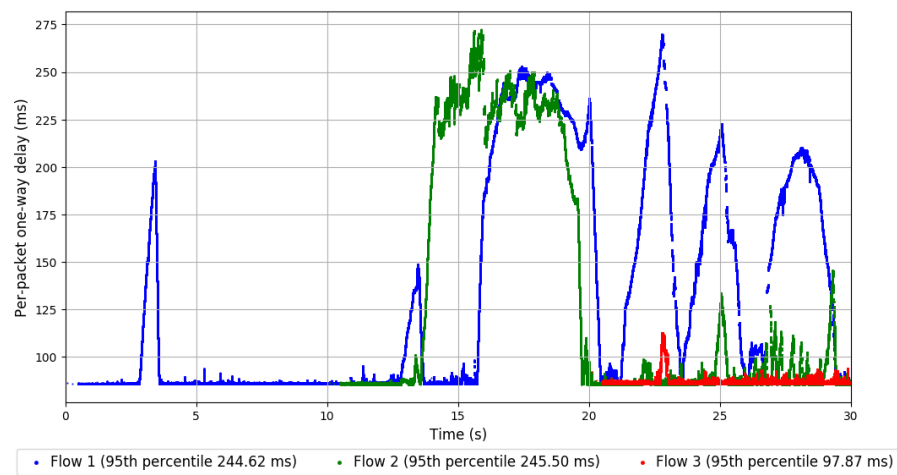
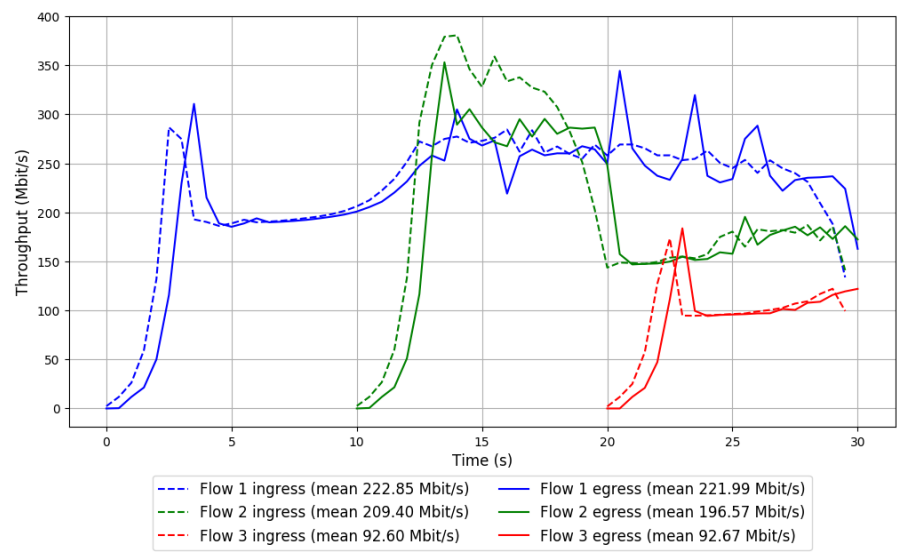


Run 7: Statistics of PCC-Expr

Start at: 2018-08-01 07:29:55
End at: 2018-08-01 07:30:25
Local clock offset: 0.408 ms
Remote clock offset: -0.047 ms

Below is generated by plot.py at 2018-08-01 11:33:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 383.27 Mbit/s
95th percentile per-packet one-way delay: 244.324 ms
Loss rate: 2.39%
-- Flow 1:
Average throughput: 221.99 Mbit/s
95th percentile per-packet one-way delay: 244.625 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 196.57 Mbit/s
95th percentile per-packet one-way delay: 245.502 ms
Loss rate: 6.13%
-- Flow 3:
Average throughput: 92.67 Mbit/s
95th percentile per-packet one-way delay: 97.866 ms
Loss rate: 0.00%

Run 7: Report of PCC-Expr — Data Link

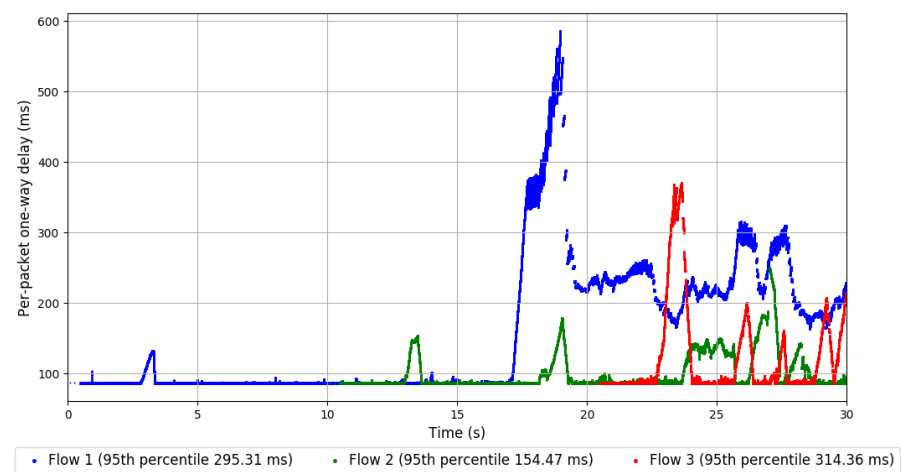
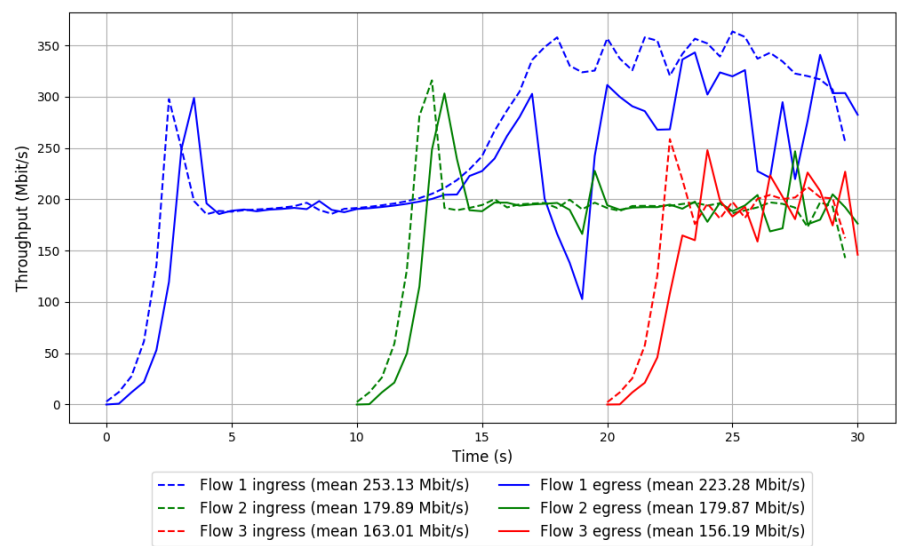


Run 8: Statistics of PCC-Expr

Start at: 2018-08-01 07:56:13
End at: 2018-08-01 07:56:43
Local clock offset: -0.053 ms
Remote clock offset: -0.036 ms

Below is generated by plot.py at 2018-08-01 11:34:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 394.46 Mbit/s
95th percentile per-packet one-way delay: 282.814 ms
Loss rate: 7.53%
-- Flow 1:
Average throughput: 223.28 Mbit/s
95th percentile per-packet one-way delay: 295.308 ms
Loss rate: 11.79%
-- Flow 2:
Average throughput: 179.87 Mbit/s
95th percentile per-packet one-way delay: 154.466 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 156.19 Mbit/s
95th percentile per-packet one-way delay: 314.358 ms
Loss rate: 4.19%

Run 8: Report of PCC-Expr — Data Link



Run 9: Statistics of PCC-Expr

Start at: 2018-08-01 08:22:40

End at: 2018-08-01 08:23:10

Local clock offset: 0.062 ms

Remote clock offset: -0.1 ms

Below is generated by plot.py at 2018-08-01 11:36:41

Datalink statistics

-- Total of 3 flows:

Average throughput: 401.67 Mbit/s

95th percentile per-packet one-way delay: 208.299 ms

Loss rate: 1.09%

-- Flow 1:

Average throughput: 222.92 Mbit/s

95th percentile per-packet one-way delay: 210.587 ms

Loss rate: 1.85%

-- Flow 2:

Average throughput: 184.85 Mbit/s

95th percentile per-packet one-way delay: 130.480 ms

Loss rate: 0.04%

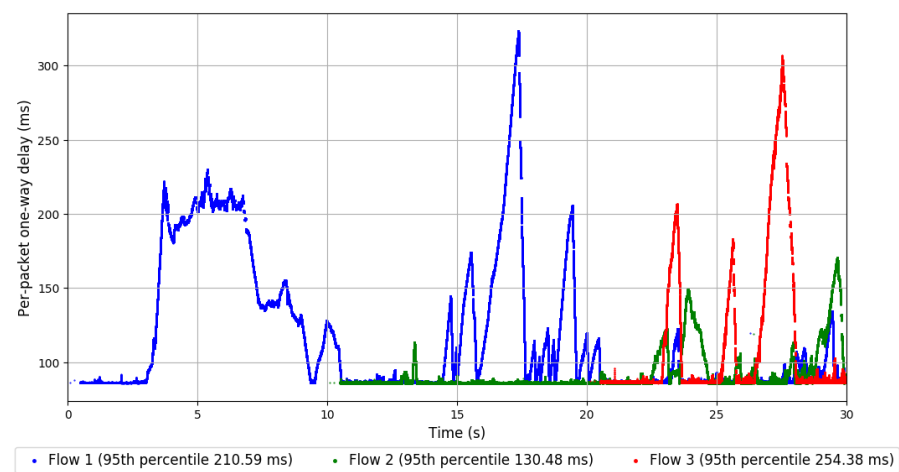
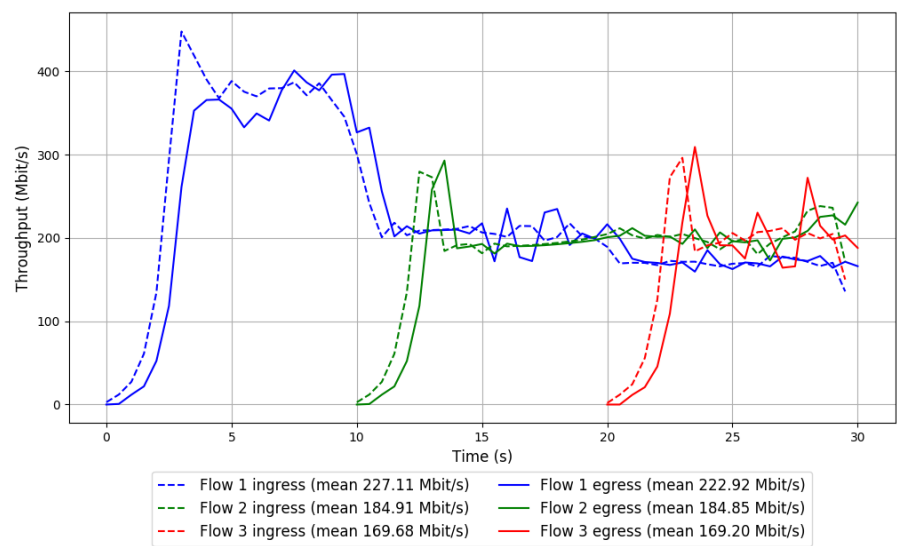
-- Flow 3:

Average throughput: 169.20 Mbit/s

95th percentile per-packet one-way delay: 254.382 ms

Loss rate: 0.32%

Run 9: Report of PCC-Expr — Data Link

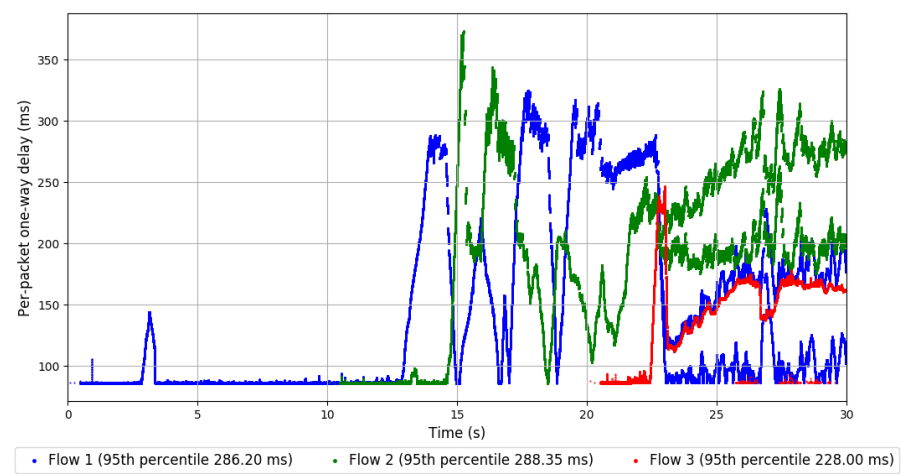
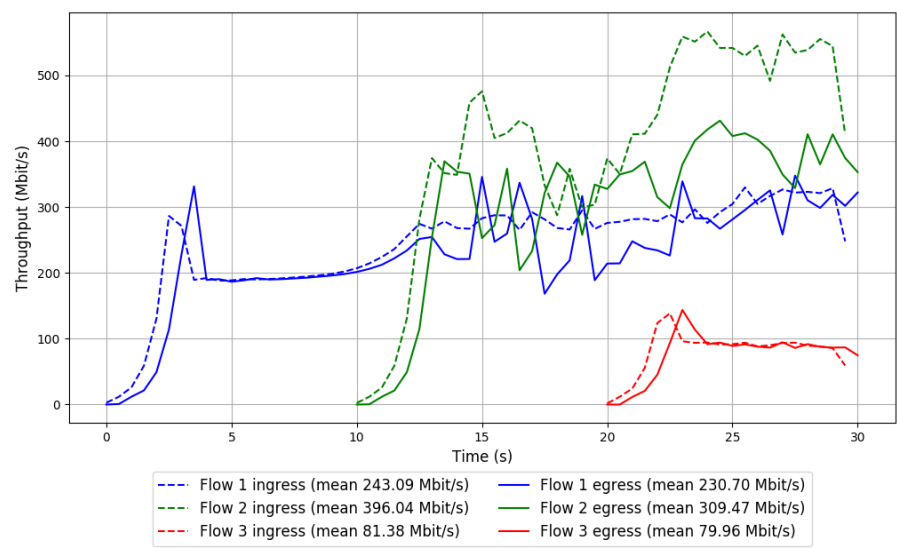


Run 10: Statistics of PCC-Expr

Start at: 2018-08-01 08:49:02
End at: 2018-08-01 08:49:32
Local clock offset: -0.028 ms
Remote clock offset: -0.047 ms

Below is generated by plot.py at 2018-08-01 11:40:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 462.87 Mbit/s
95th percentile per-packet one-way delay: 286.264 ms
Loss rate: 13.20%
-- Flow 1:
Average throughput: 230.70 Mbit/s
95th percentile per-packet one-way delay: 286.200 ms
Loss rate: 5.10%
-- Flow 2:
Average throughput: 309.47 Mbit/s
95th percentile per-packet one-way delay: 288.351 ms
Loss rate: 21.86%
-- Flow 3:
Average throughput: 79.96 Mbit/s
95th percentile per-packet one-way delay: 228.002 ms
Loss rate: 1.76%

Run 10: Report of PCC-Expr — Data Link

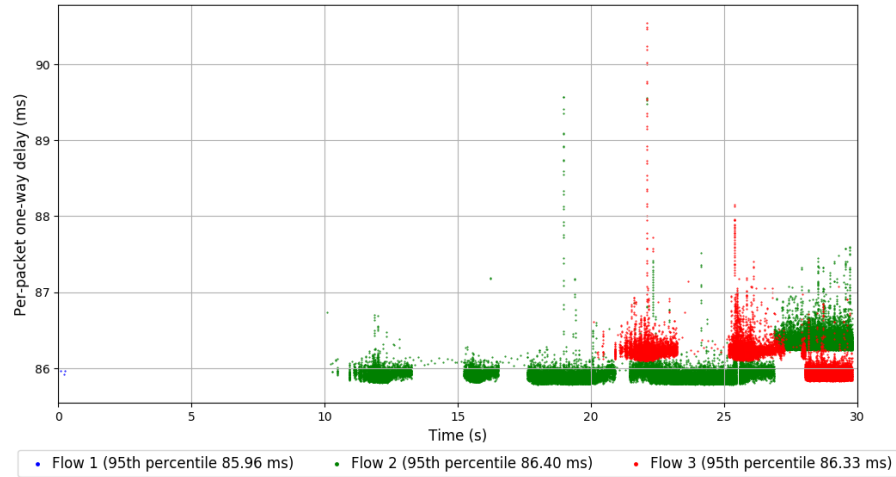
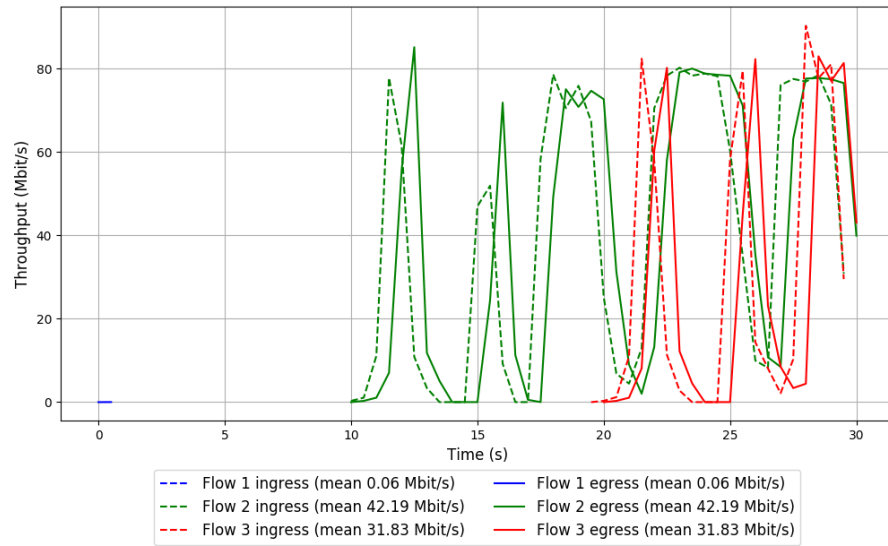


Run 1: Statistics of QUIC Cubic

Start at: 2018-08-01 04:38:35
End at: 2018-08-01 04:39:05
Local clock offset: 0.239 ms
Remote clock offset: -0.035 ms

Below is generated by plot.py at 2018-08-01 11:40:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 38.39 Mbit/s
95th percentile per-packet one-way delay: 86.393 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 85.964 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 42.19 Mbit/s
95th percentile per-packet one-way delay: 86.404 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 31.83 Mbit/s
95th percentile per-packet one-way delay: 86.331 ms
Loss rate: 0.00%

Run 1: Report of QUIC Cubic — Data Link

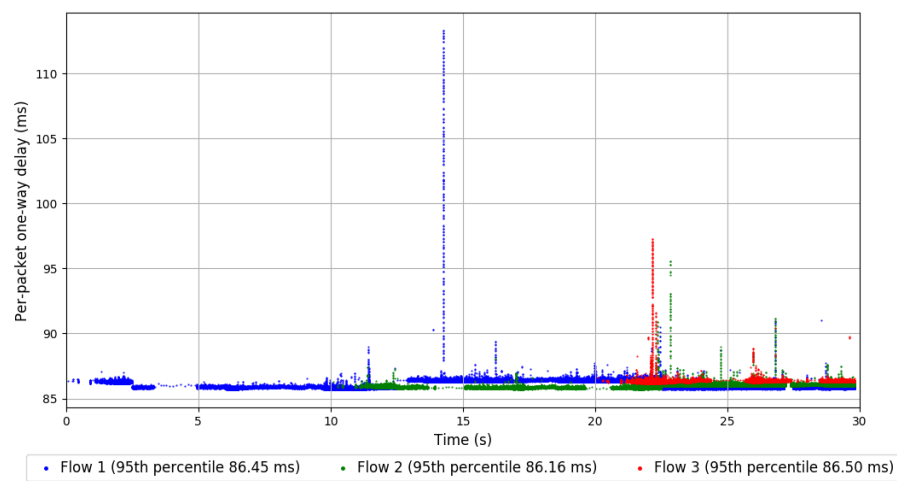
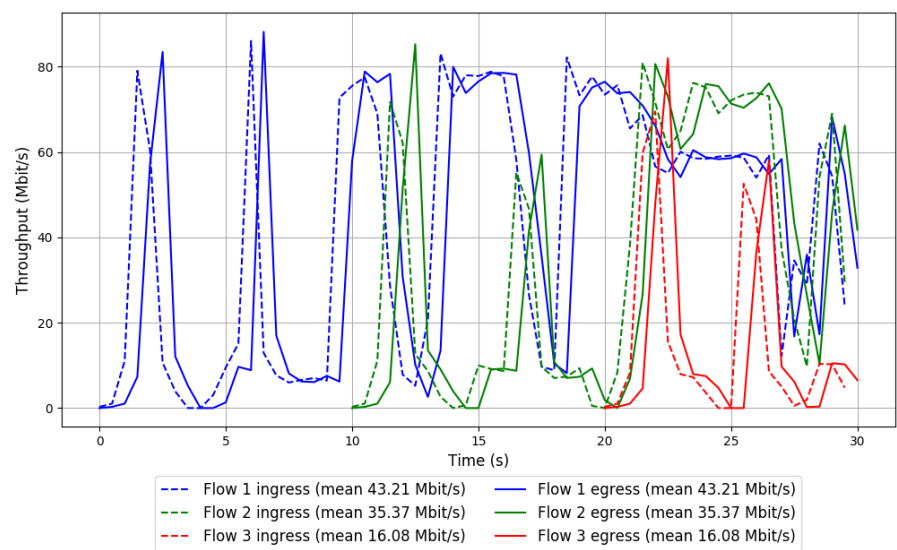


Run 2: Statistics of QUIC Cubic

Start at: 2018-08-01 05:04:59
End at: 2018-08-01 05:05:29
Local clock offset: 0.224 ms
Remote clock offset: -0.133 ms

Below is generated by plot.py at 2018-08-01 11:40:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 71.90 Mbit/s
95th percentile per-packet one-way delay: 86.436 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 43.21 Mbit/s
95th percentile per-packet one-way delay: 86.455 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 35.37 Mbit/s
95th percentile per-packet one-way delay: 86.156 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 16.08 Mbit/s
95th percentile per-packet one-way delay: 86.500 ms
Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-08-01 05:31:18

End at: 2018-08-01 05:31:48

Local clock offset: 0.188 ms

Remote clock offset: -0.1 ms

Below is generated by plot.py at 2018-08-01 11:40:52

Datalink statistics

-- Total of 3 flows:

Average throughput: 77.64 Mbit/s

95th percentile per-packet one-way delay: 86.437 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 50.32 Mbit/s

95th percentile per-packet one-way delay: 86.458 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 32.72 Mbit/s

95th percentile per-packet one-way delay: 86.108 ms

Loss rate: 0.00%

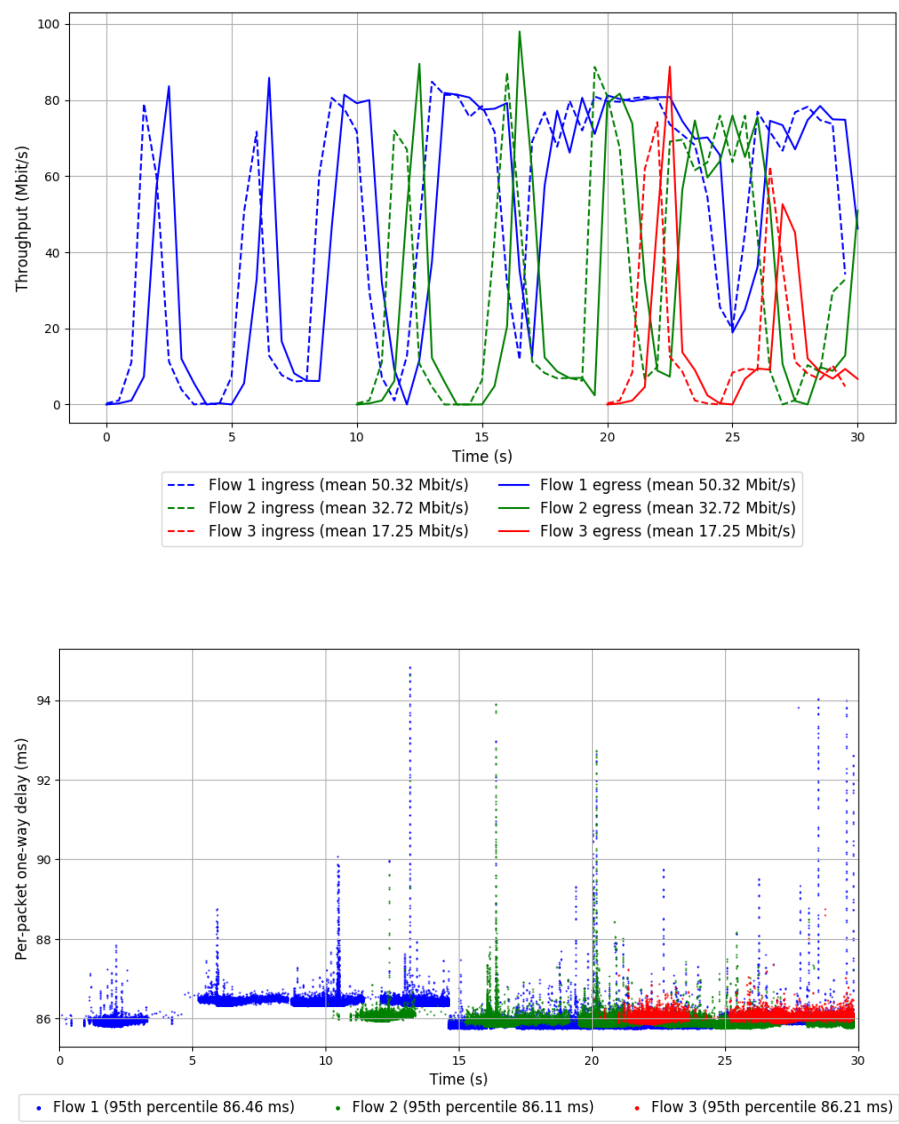
-- Flow 3:

Average throughput: 17.25 Mbit/s

95th percentile per-packet one-way delay: 86.206 ms

Loss rate: 0.00%

Run 3: Report of QUIC Cubic — Data Link

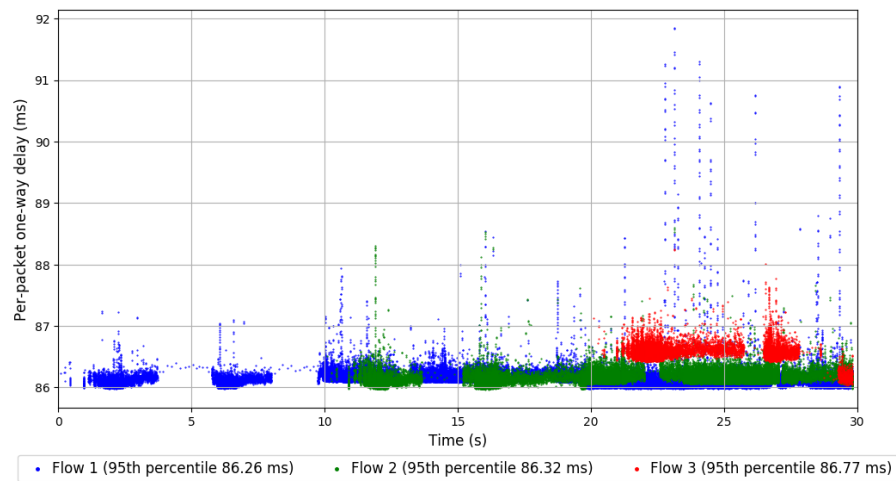
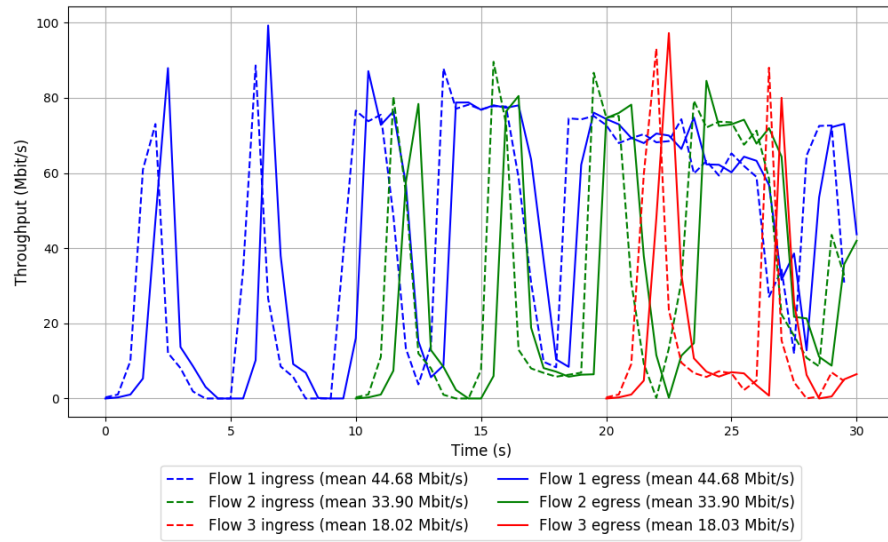


Run 4: Statistics of QUIC Cubic

Start at: 2018-08-01 05:57:33
End at: 2018-08-01 05:58:03
Local clock offset: -0.01 ms
Remote clock offset: -0.108 ms

Below is generated by plot.py at 2018-08-01 11:40:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.06 Mbit/s
95th percentile per-packet one-way delay: 86.540 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 44.68 Mbit/s
95th percentile per-packet one-way delay: 86.263 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 33.90 Mbit/s
95th percentile per-packet one-way delay: 86.323 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 18.03 Mbit/s
95th percentile per-packet one-way delay: 86.771 ms
Loss rate: 0.00%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-08-01 06:24:04

End at: 2018-08-01 06:24:34

Local clock offset: 0.184 ms

Remote clock offset: -0.07 ms

Below is generated by plot.py at 2018-08-01 11:40:52

Datalink statistics

-- Total of 3 flows:

Average throughput: 29.82 Mbit/s

95th percentile per-packet one-way delay: 86.380 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.04 Mbit/s

95th percentile per-packet one-way delay: 86.544 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 34.76 Mbit/s

95th percentile per-packet one-way delay: 86.395 ms

Loss rate: 0.00%

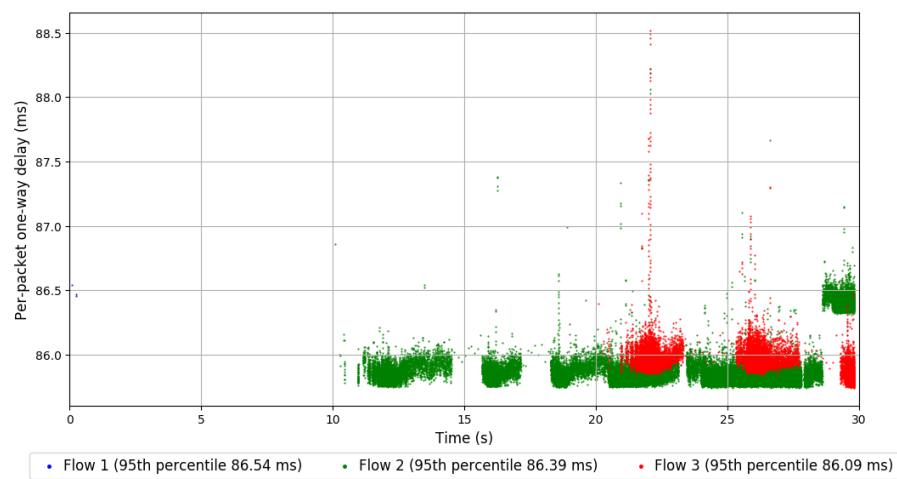
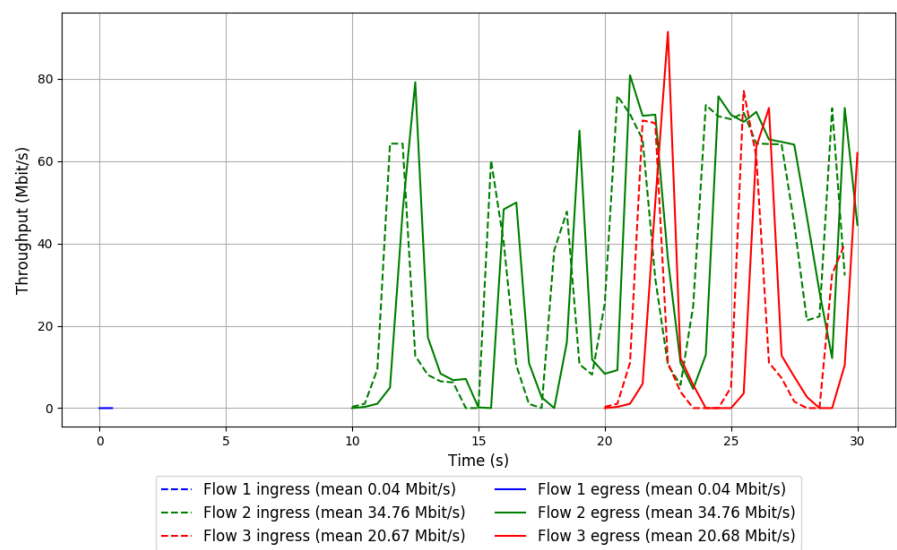
-- Flow 3:

Average throughput: 20.68 Mbit/s

95th percentile per-packet one-way delay: 86.095 ms

Loss rate: 0.00%

Run 5: Report of QUIC Cubic — Data Link

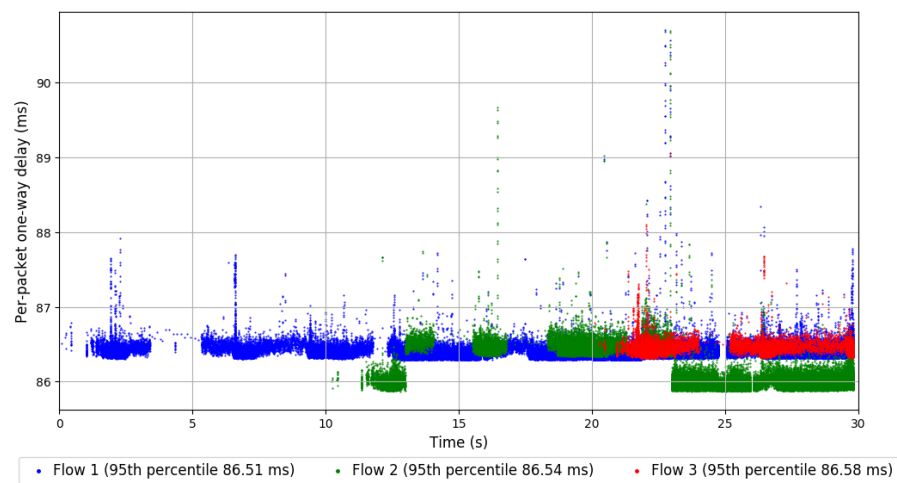
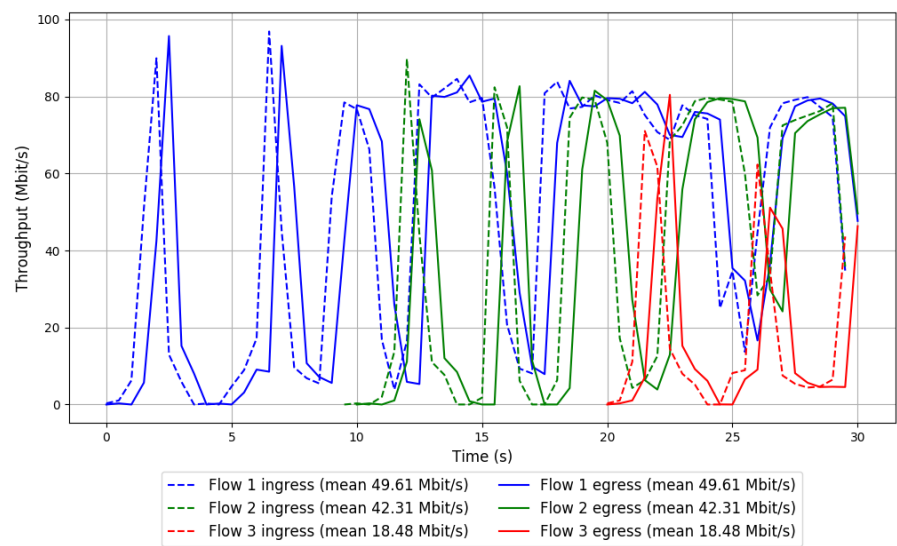


Run 6: Statistics of QUIC Cubic

Start at: 2018-08-01 06:50:30
End at: 2018-08-01 06:51:00
Local clock offset: 0.15 ms
Remote clock offset: -0.034 ms

Below is generated by plot.py at 2018-08-01 11:40:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.73 Mbit/s
95th percentile per-packet one-way delay: 86.529 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 49.61 Mbit/s
95th percentile per-packet one-way delay: 86.512 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 42.31 Mbit/s
95th percentile per-packet one-way delay: 86.541 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 18.48 Mbit/s
95th percentile per-packet one-way delay: 86.576 ms
Loss rate: 0.00%

Run 6: Report of QUIC Cubic — Data Link

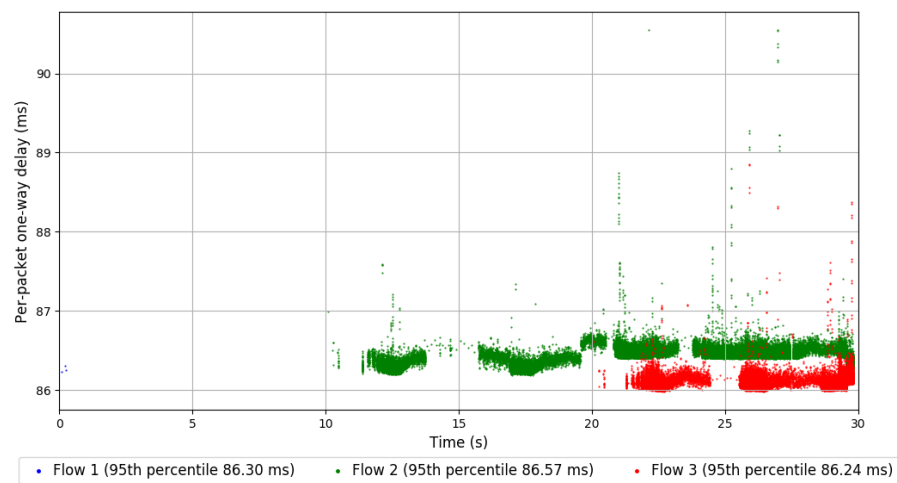
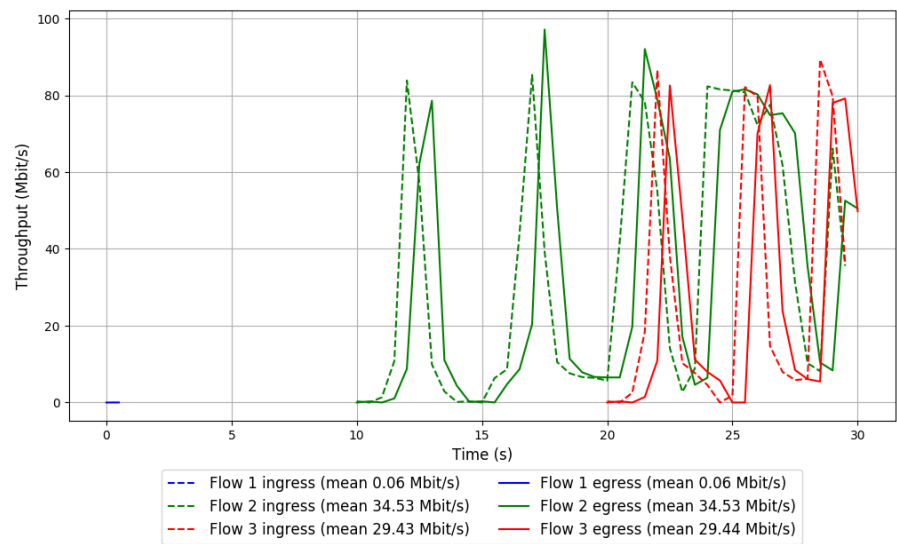


Run 7: Statistics of QUIC Cubic

Start at: 2018-08-01 07:17:02
End at: 2018-08-01 07:17:32
Local clock offset: -0.071 ms
Remote clock offset: -0.075 ms

Below is generated by plot.py at 2018-08-01 11:40:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 32.51 Mbit/s
95th percentile per-packet one-way delay: 86.552 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 86.303 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 34.53 Mbit/s
95th percentile per-packet one-way delay: 86.569 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.44 Mbit/s
95th percentile per-packet one-way delay: 86.237 ms
Loss rate: 0.00%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-08-01 07:43:30

End at: 2018-08-01 07:44:00

Local clock offset: 0.268 ms

Remote clock offset: 0.013 ms

Below is generated by plot.py at 2018-08-01 11:40:52

Datalink statistics

-- Total of 3 flows:

Average throughput: 79.79 Mbit/s

95th percentile per-packet one-way delay: 86.380 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 44.89 Mbit/s

95th percentile per-packet one-way delay: 86.377 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 43.32 Mbit/s

95th percentile per-packet one-way delay: 86.372 ms

Loss rate: 0.00%

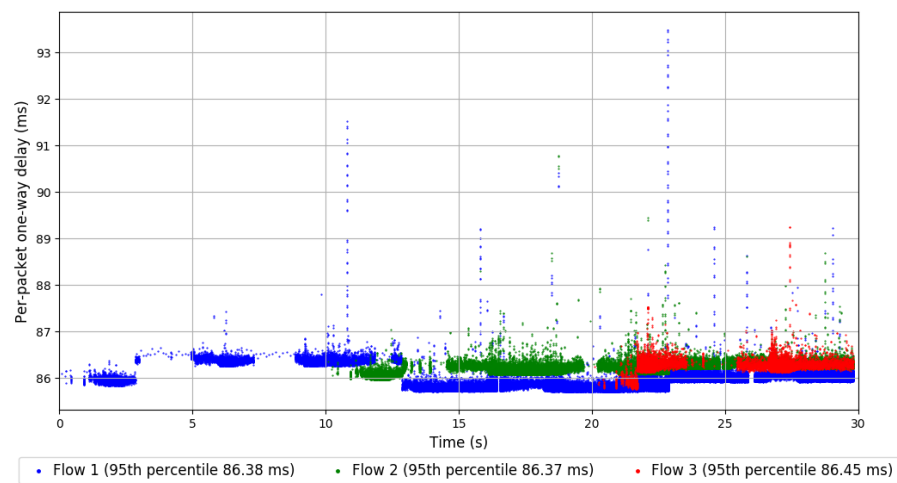
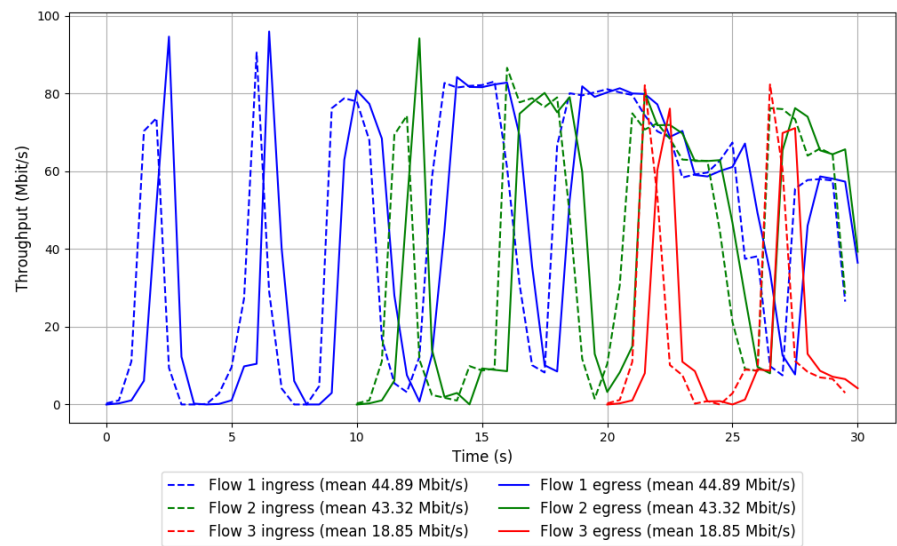
-- Flow 3:

Average throughput: 18.85 Mbit/s

95th percentile per-packet one-way delay: 86.448 ms

Loss rate: 0.00%

Run 8: Report of QUIC Cubic — Data Link

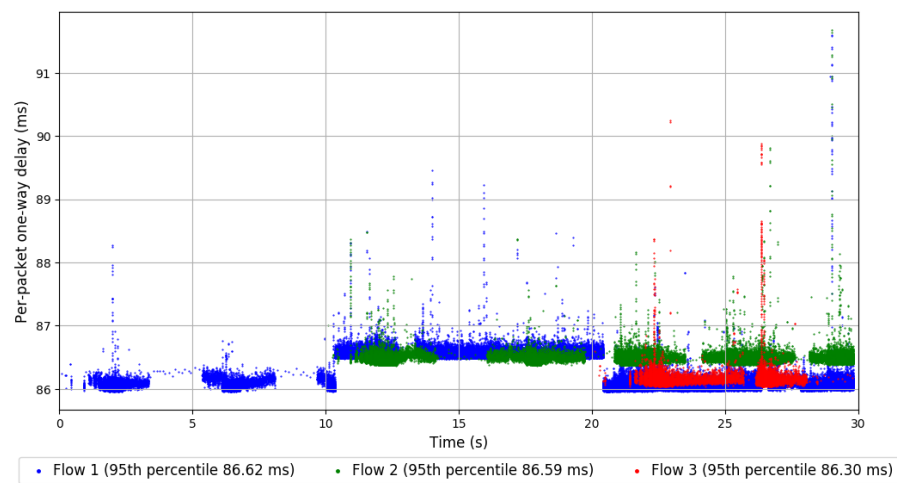
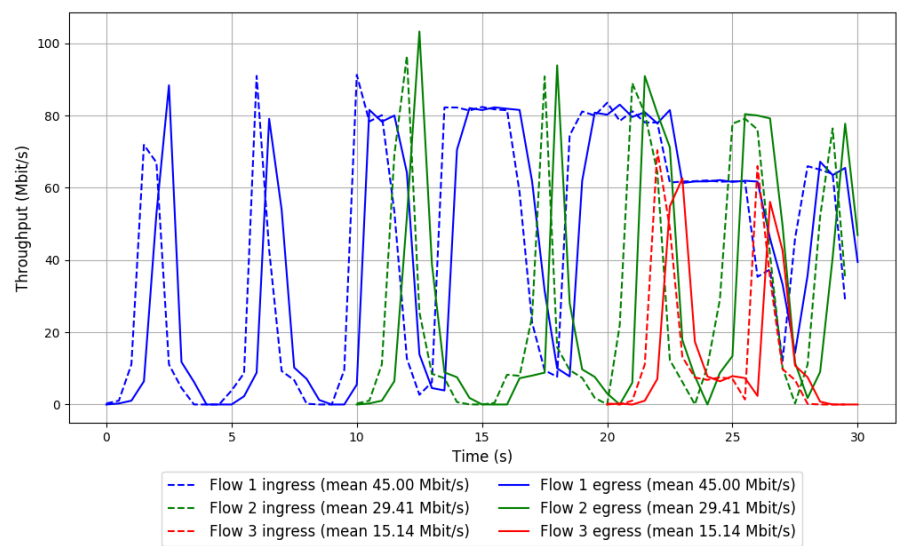


Run 9: Statistics of QUIC Cubic

Start at: 2018-08-01 08:09:53
End at: 2018-08-01 08:10:23
Local clock offset: 0.034 ms
Remote clock offset: -0.059 ms

Below is generated by plot.py at 2018-08-01 11:40:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 69.44 Mbit/s
95th percentile per-packet one-way delay: 86.615 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 45.00 Mbit/s
95th percentile per-packet one-way delay: 86.624 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 29.41 Mbit/s
95th percentile per-packet one-way delay: 86.592 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 15.14 Mbit/s
95th percentile per-packet one-way delay: 86.303 ms
Loss rate: 0.00%

Run 9: Report of QUIC Cubic — Data Link

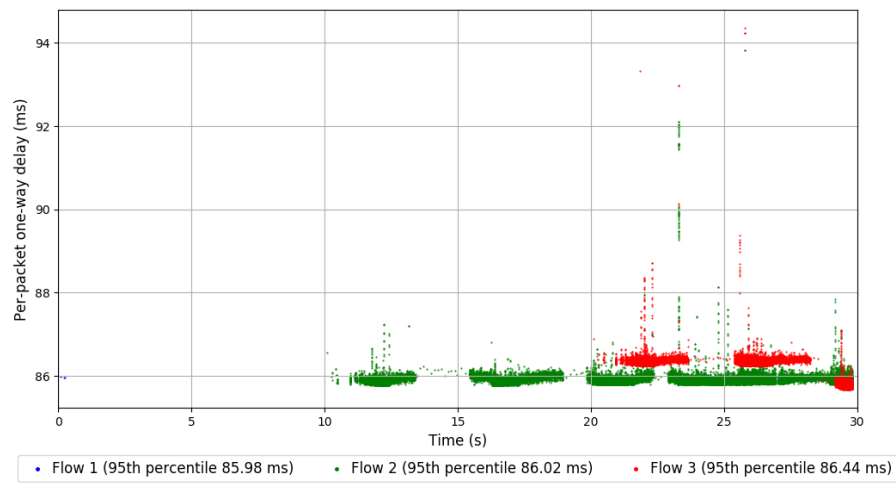
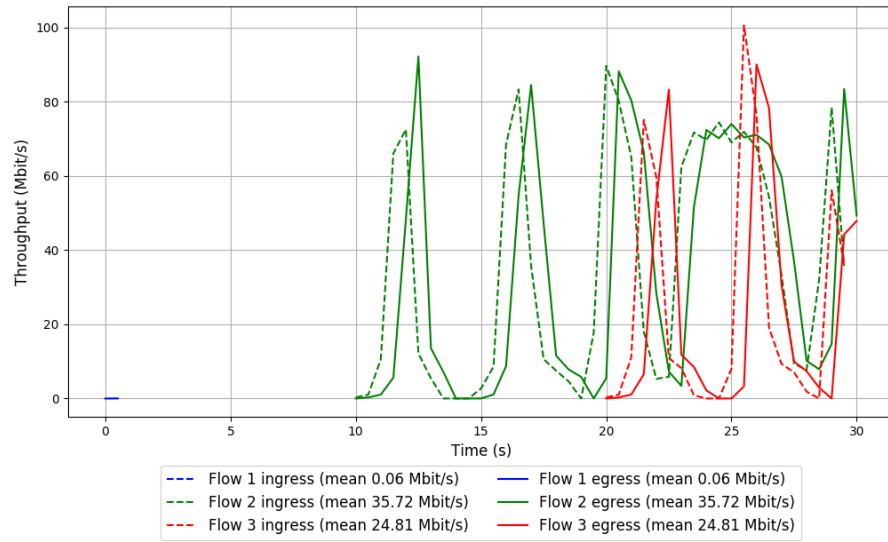


Run 10: Statistics of QUIC Cubic

Start at: 2018-08-01 08:36:13
End at: 2018-08-01 08:36:43
Local clock offset: 0.282 ms
Remote clock offset: -0.054 ms

Below is generated by plot.py at 2018-08-01 11:40:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 31.80 Mbit/s
95th percentile per-packet one-way delay: 86.370 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 85.976 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 35.72 Mbit/s
95th percentile per-packet one-way delay: 86.015 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.81 Mbit/s
95th percentile per-packet one-way delay: 86.435 ms
Loss rate: 0.00%

Run 10: Report of QUIC Cubic — Data Link

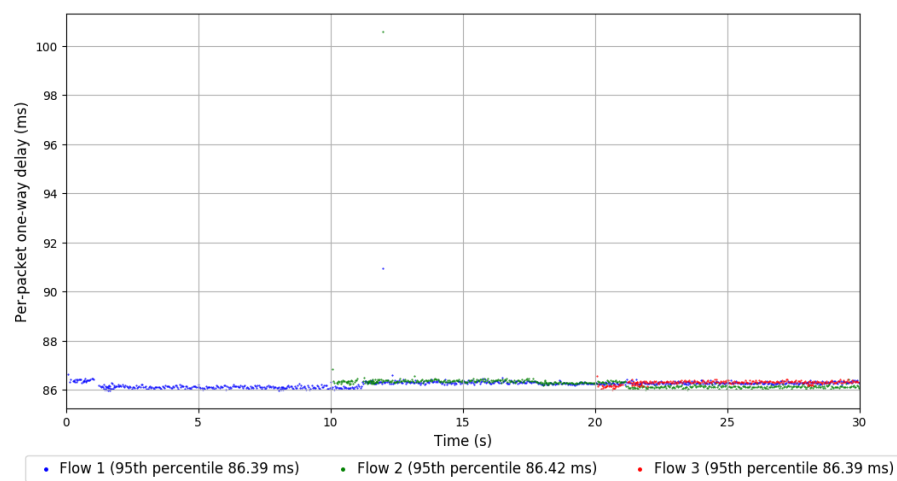
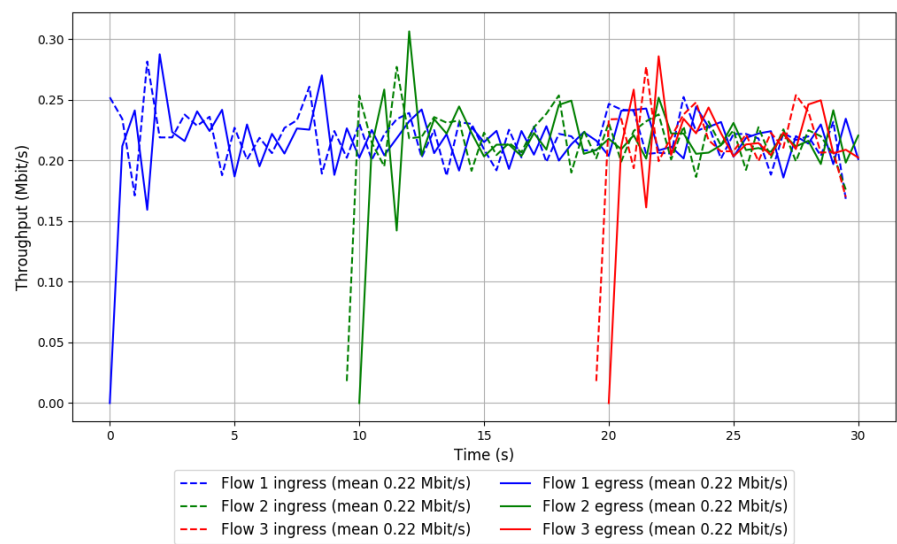


```
Run 1: Statistics of SReAM

Start at: 2018-08-01 04:54:51
End at: 2018-08-01 04:55:21
Local clock offset: 0.07 ms
Remote clock offset: -0.128 ms

# Below is generated by plot.py at 2018-08-01 11:40:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 86.408 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.386 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.425 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.392 ms
Loss rate: 0.00%
```


Run 1: Report of SReAM — Data Link

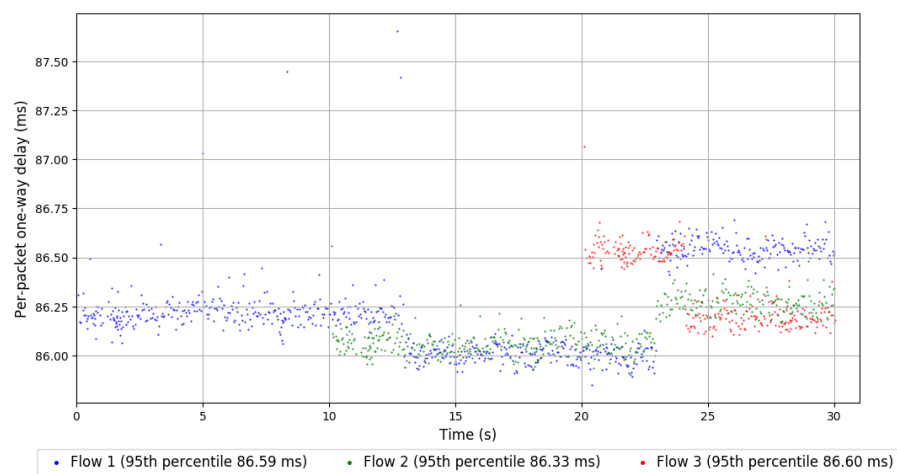
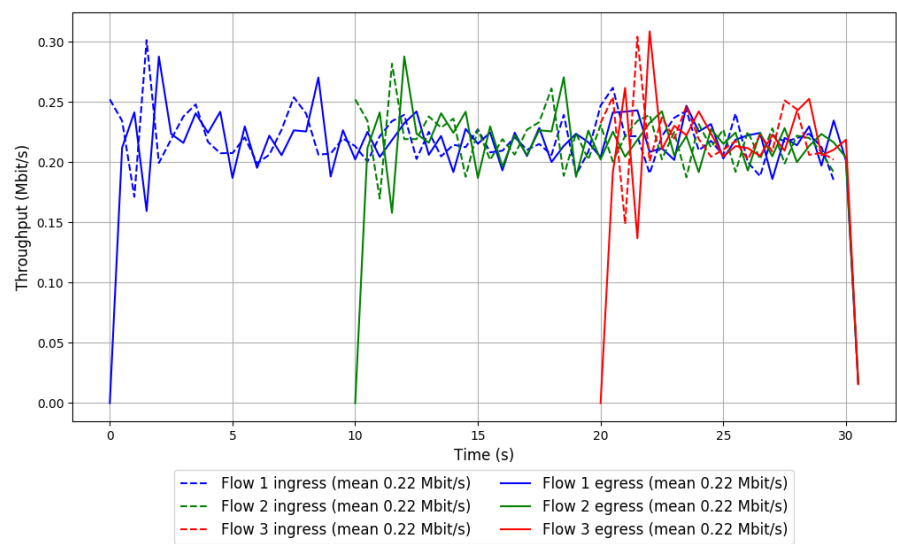


Run 2: Statistics of SReAM

Start at: 2018-08-01 05:21:09
End at: 2018-08-01 05:21:39
Local clock offset: 0.194 ms
Remote clock offset: -0.112 ms

Below is generated by plot.py at 2018-08-01 11:40:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 86.570 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.588 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.329 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.604 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

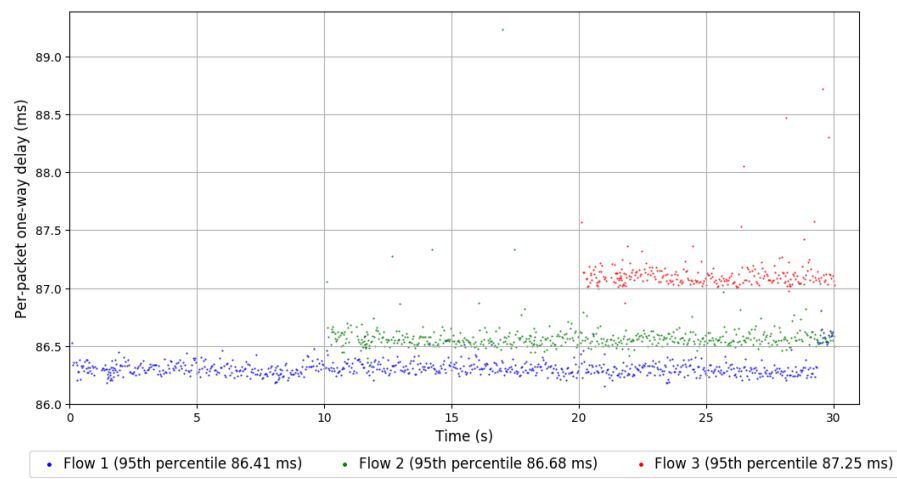
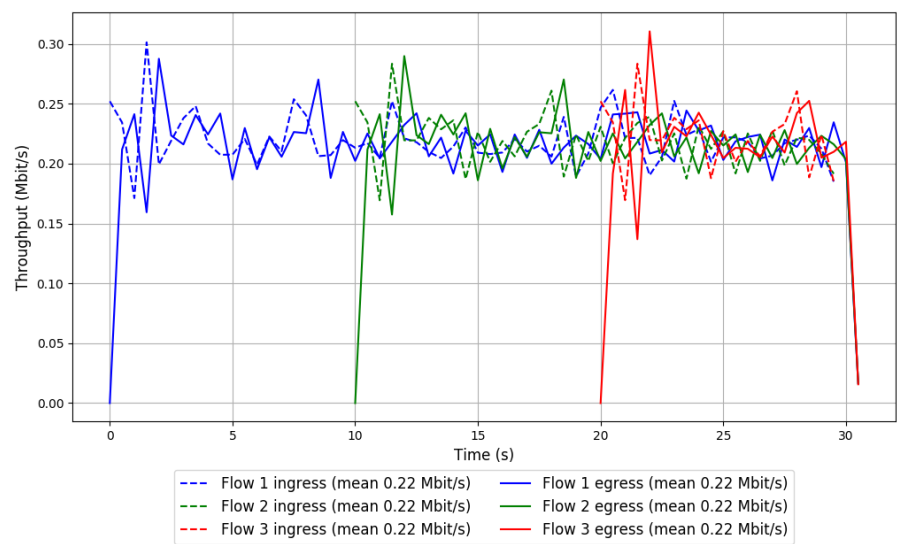


Run 3: Statistics of SReAM

Start at: 2018-08-01 05:47:24
End at: 2018-08-01 05:47:54
Local clock offset: -0.117 ms
Remote clock offset: -0.11 ms

Below is generated by plot.py at 2018-08-01 11:40:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 87.133 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.414 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.678 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 87.250 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

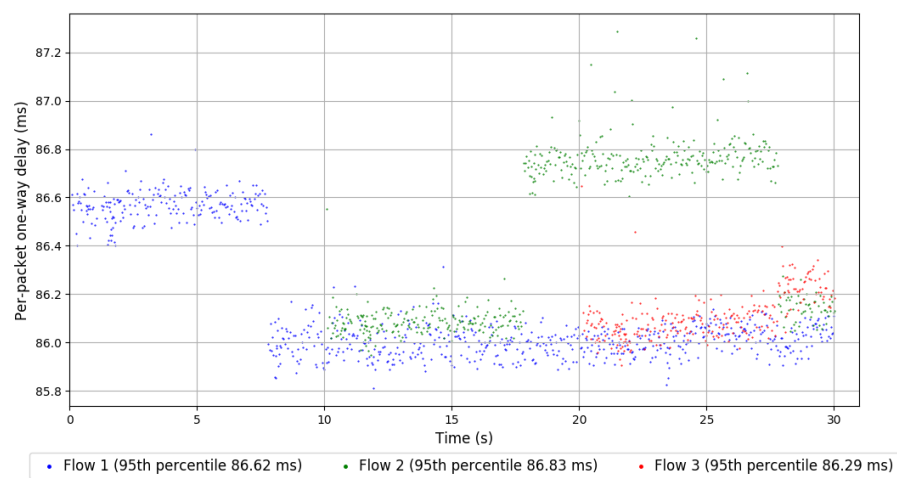
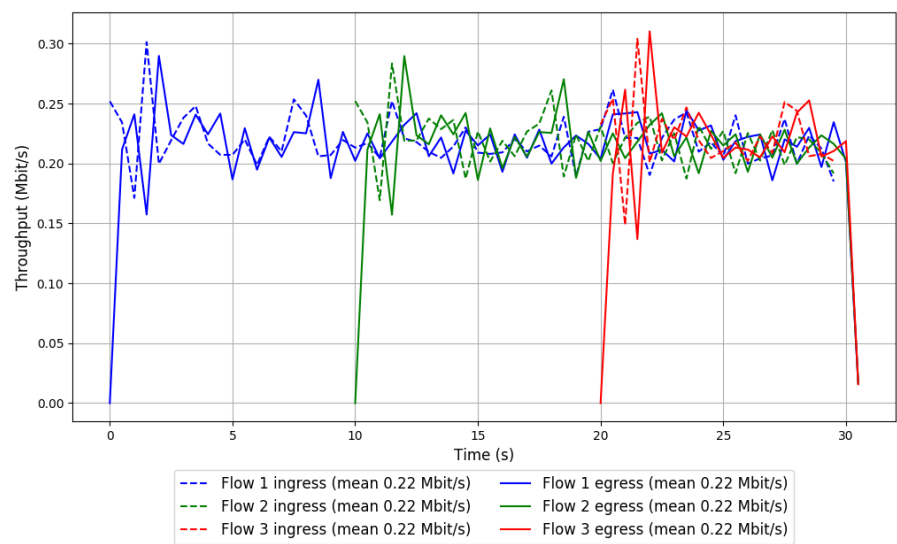


Run 4: Statistics of SReAM

Start at: 2018-08-01 06:13:55
End at: 2018-08-01 06:14:25
Local clock offset: 0.245 ms
Remote clock offset: -0.103 ms

Below is generated by plot.py at 2018-08-01 11:40:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 86.781 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.616 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.833 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.287 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

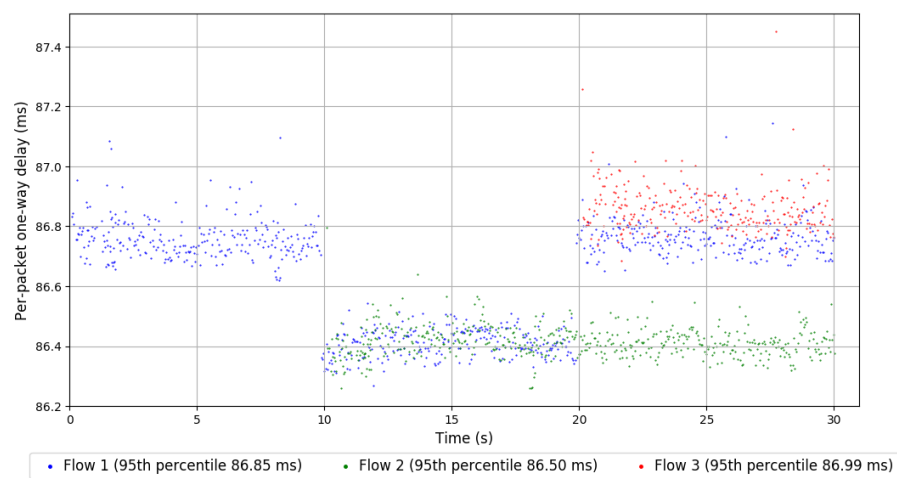
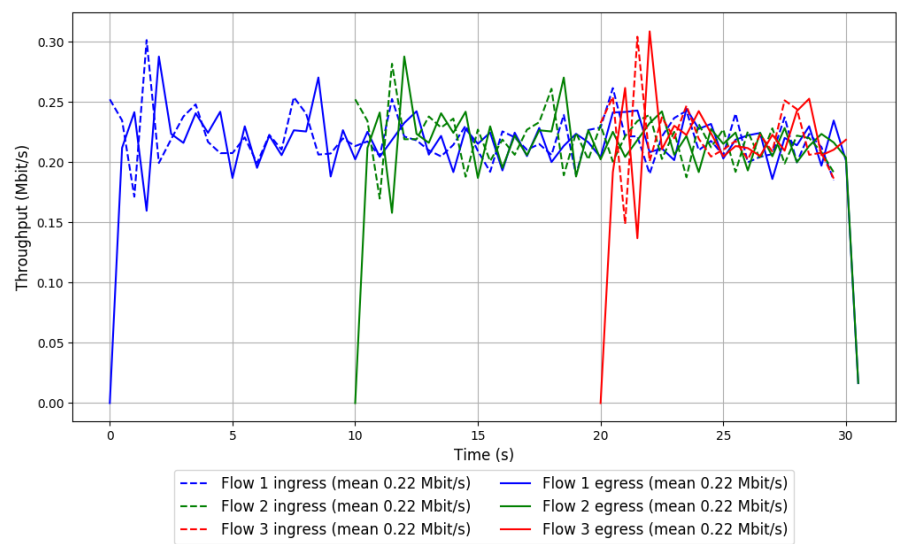


Run 5: Statistics of SReAM

Start at: 2018-08-01 06:40:12
End at: 2018-08-01 06:40:42
Local clock offset: -0.063 ms
Remote clock offset: -0.029 ms

Below is generated by plot.py at 2018-08-01 11:40:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 86.900 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.849 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.500 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.986 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SReAM

Start at: 2018-08-01 07:06:46

End at: 2018-08-01 07:07:16

Local clock offset: 0.032 ms

Remote clock offset: -0.03 ms

Below is generated by plot.py at 2018-08-01 11:40:52

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 86.781 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 86.810 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 86.378 ms

Loss rate: 0.00%

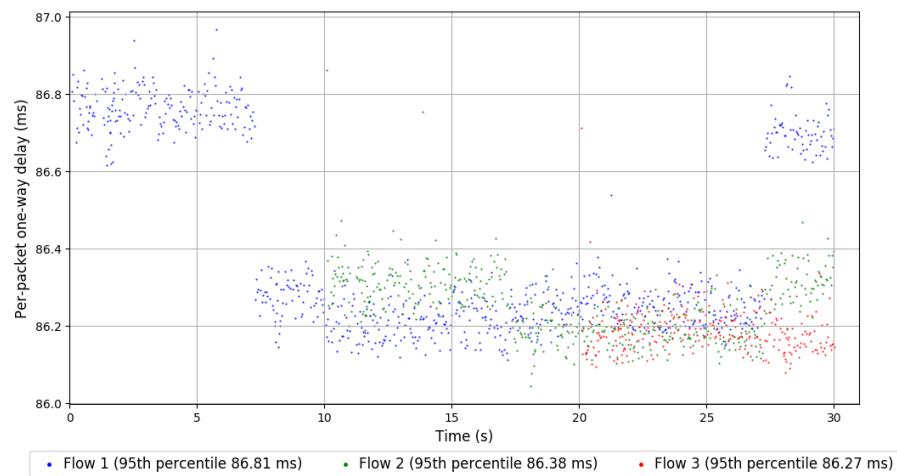
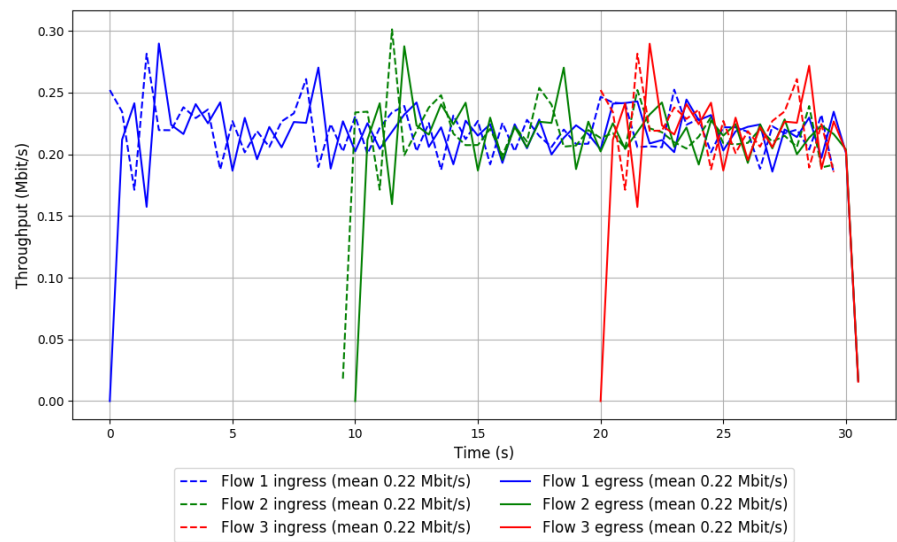
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 86.272 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

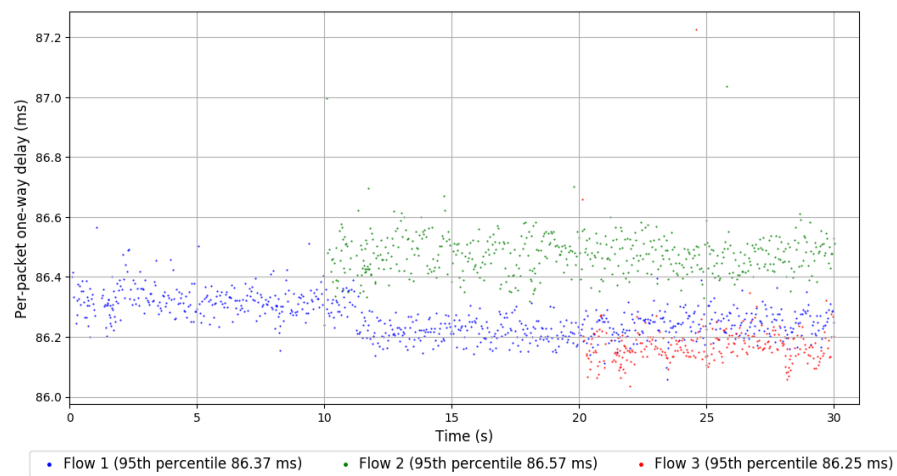
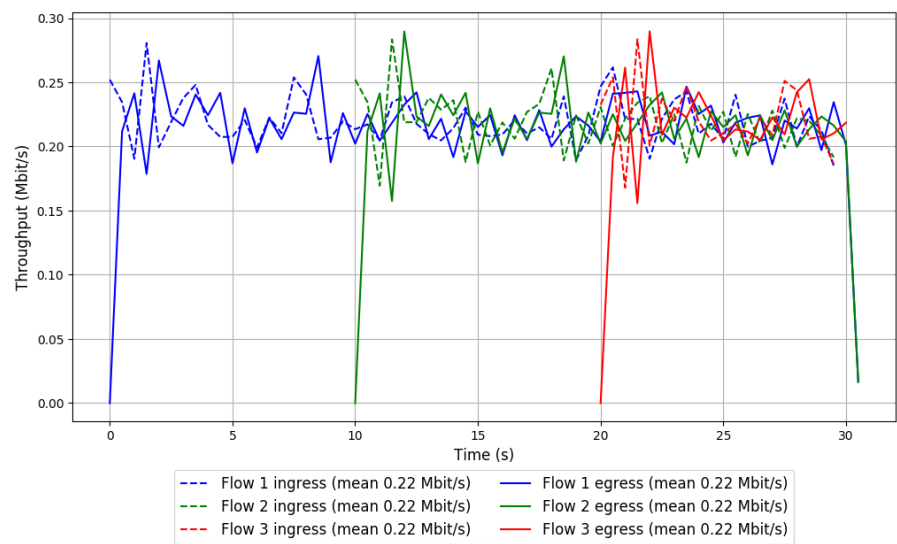


Run 7: Statistics of SReAM

Start at: 2018-08-01 07:33:12
End at: 2018-08-01 07:33:42
Local clock offset: 0.039 ms
Remote clock offset: -0.033 ms

Below is generated by plot.py at 2018-08-01 11:40:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 86.535 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.373 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.567 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.254 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

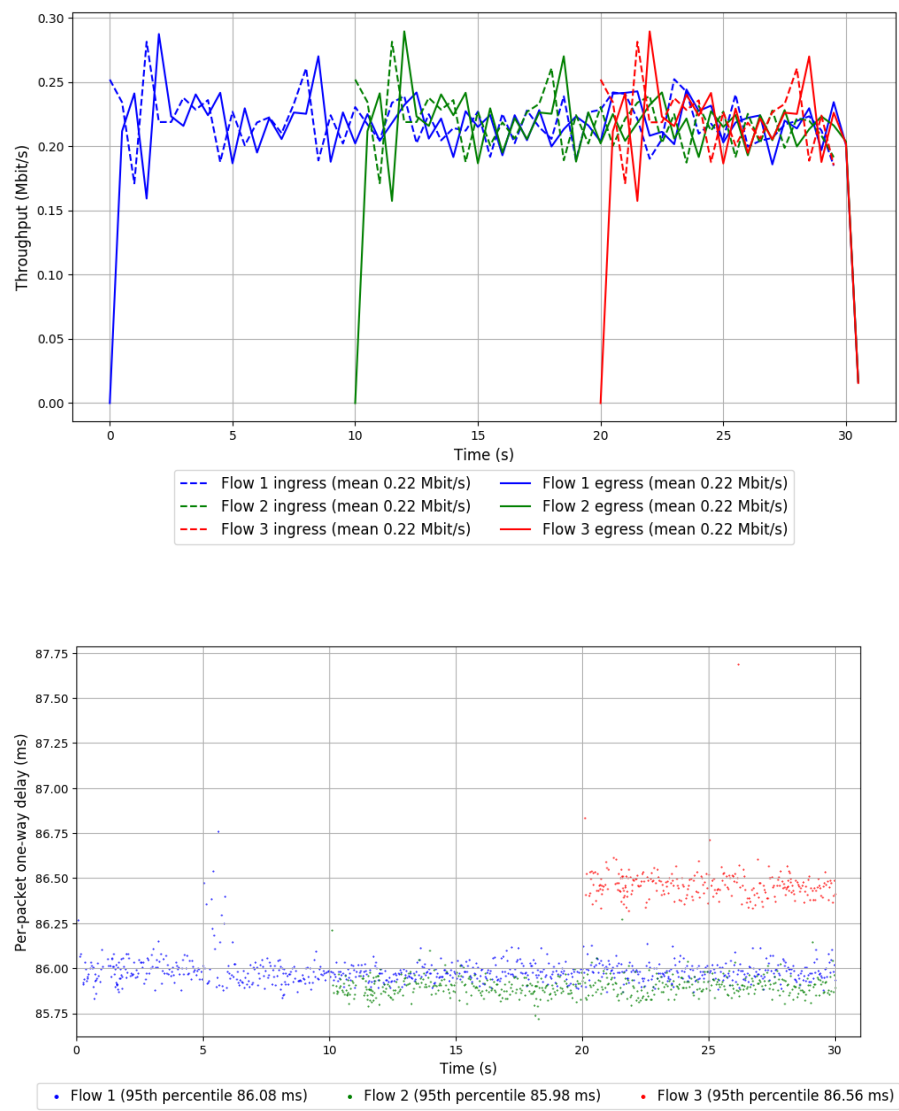


Run 8: Statistics of SReAM

Start at: 2018-08-01 07:59:31
End at: 2018-08-01 08:00:01
Local clock offset: 0.311 ms
Remote clock offset: -0.084 ms

Below is generated by plot.py at 2018-08-01 11:40:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 86.496 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.079 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.981 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.560 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

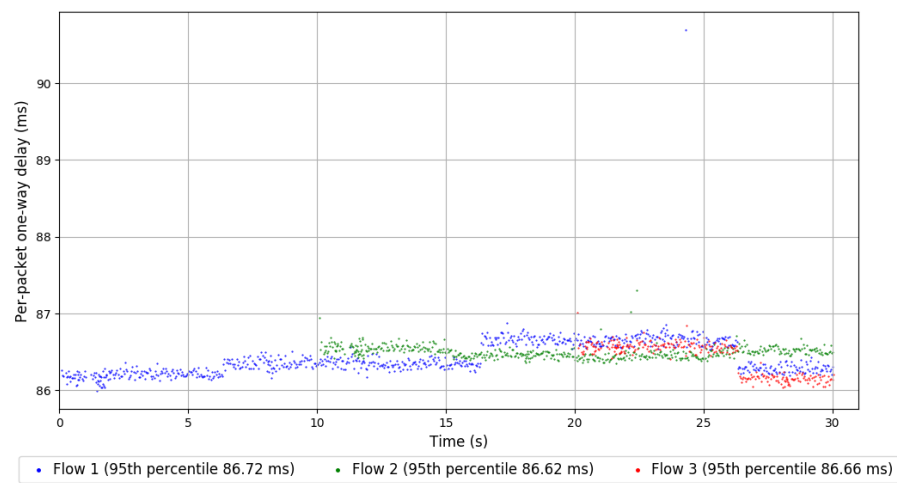
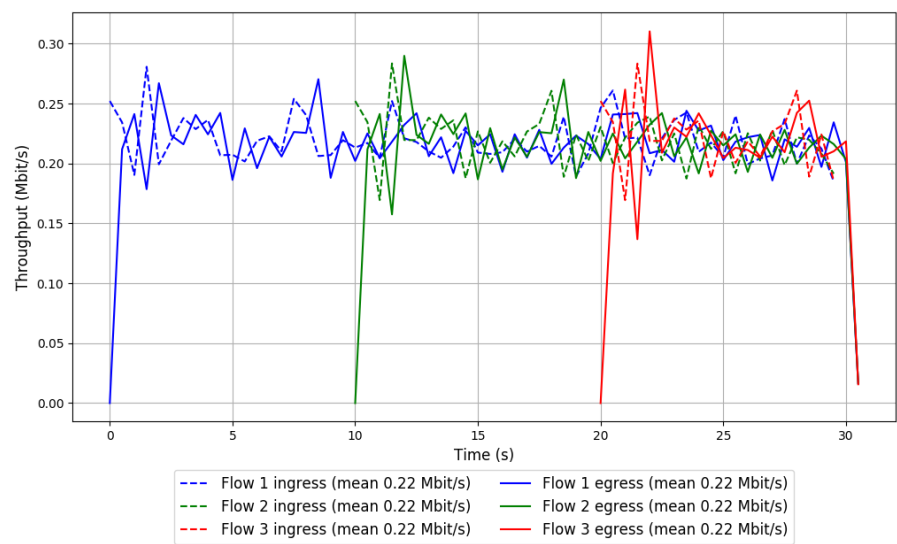


Run 9: Statistics of SReAM

Start at: 2018-08-01 08:25:57
End at: 2018-08-01 08:26:27
Local clock offset: 0.176 ms
Remote clock offset: -0.066 ms

Below is generated by plot.py at 2018-08-01 11:40:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 86.692 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.717 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.616 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.655 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

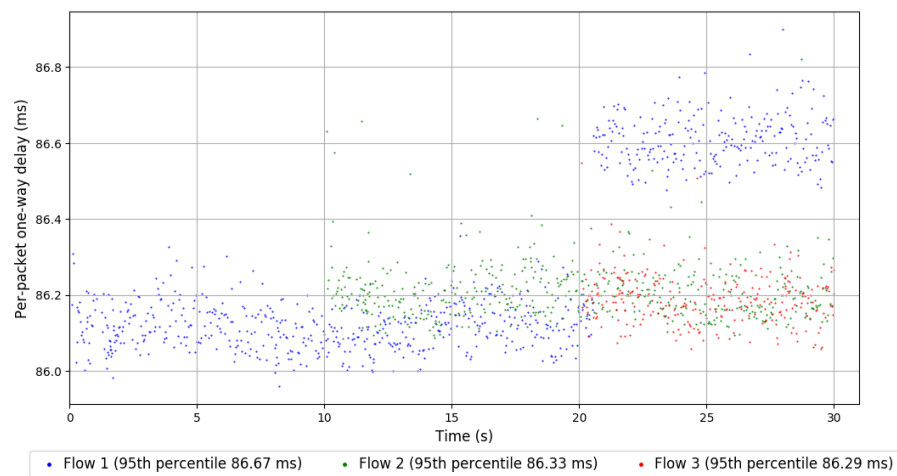
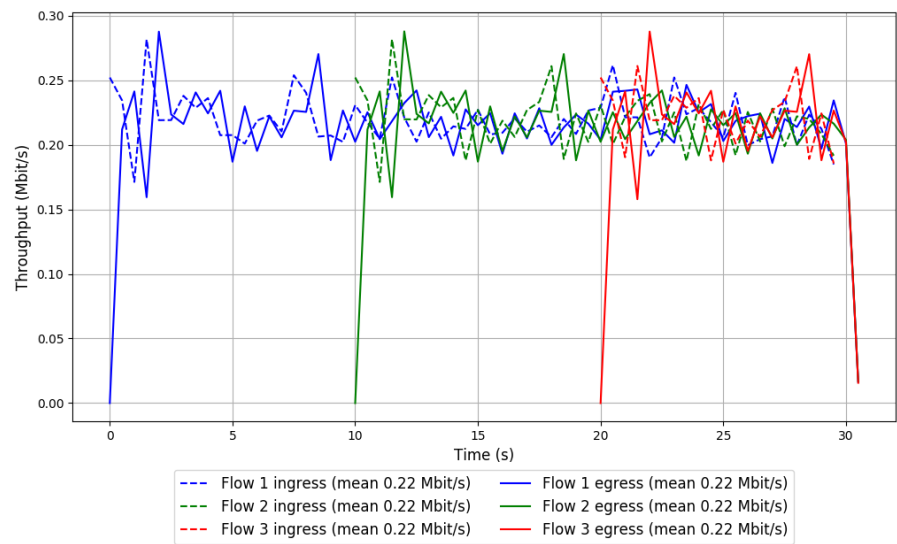


Run 10: Statistics of SCReAM

Start at: 2018-08-01 08:52:22
End at: 2018-08-01 08:52:52
Local clock offset: 0.251 ms
Remote clock offset: -0.062 ms

Below is generated by plot.py at 2018-08-01 11:40:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 86.639 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.667 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.328 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.292 ms
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link

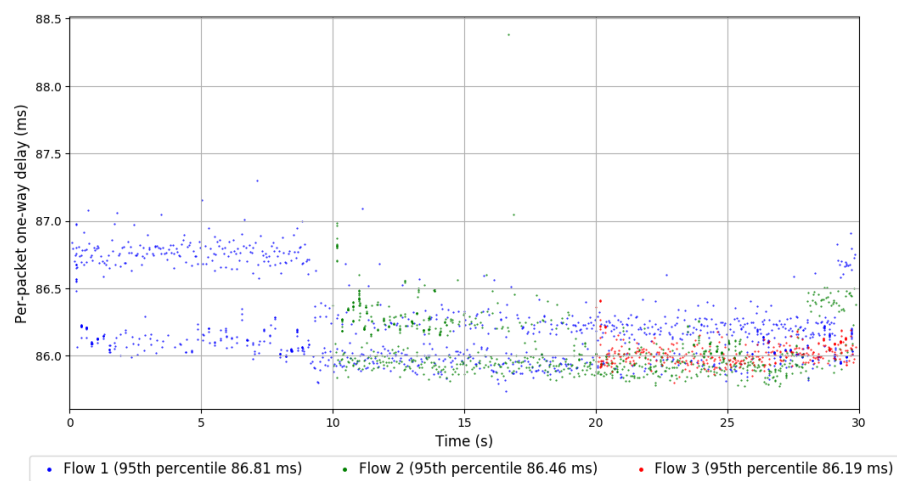
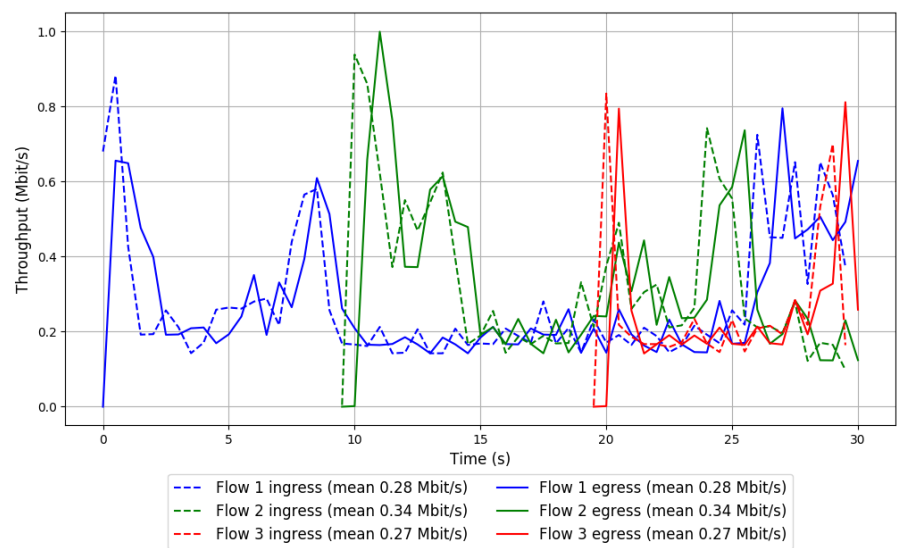


Run 1: Statistics of Sprout

Start at: 2018-08-01 04:59:24
End at: 2018-08-01 04:59:54
Local clock offset: 0.247 ms
Remote clock offset: -0.116 ms

Below is generated by plot.py at 2018-08-01 11:40:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 86.759 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 86.805 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.34 Mbit/s
95th percentile per-packet one-way delay: 86.461 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 86.192 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

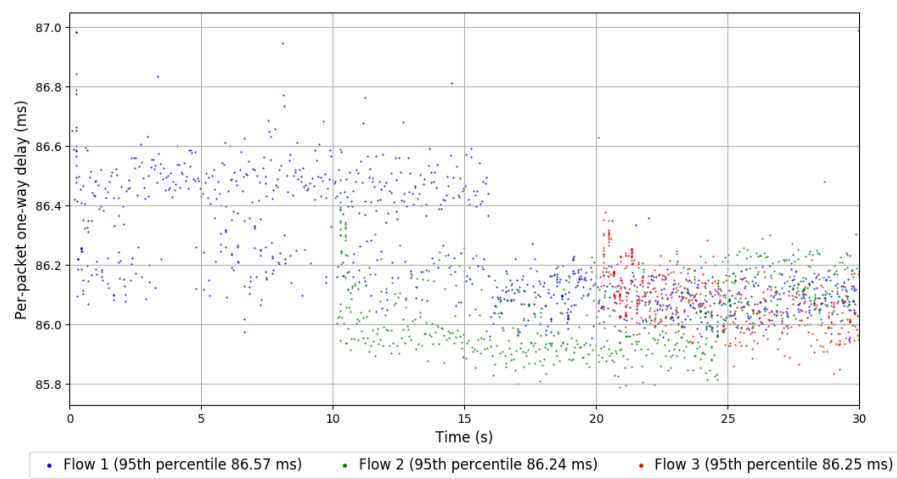
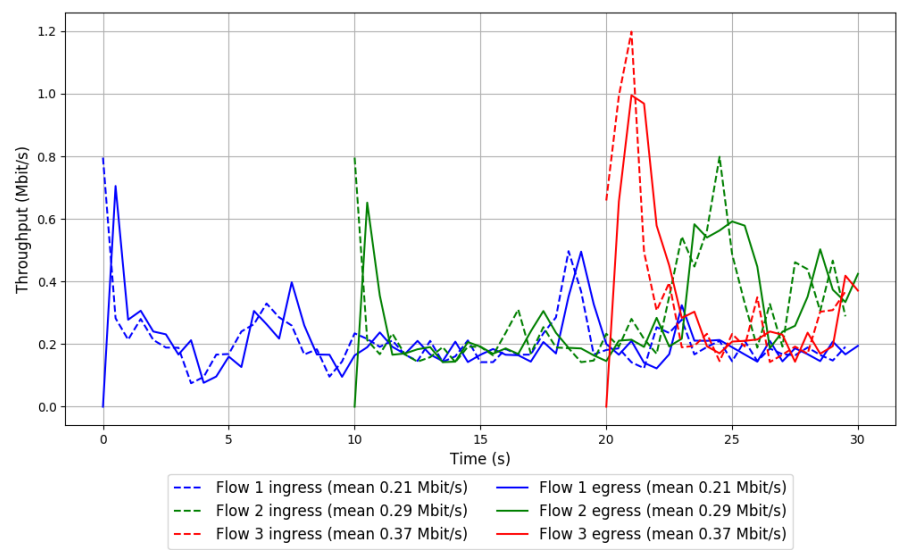


Run 2: Statistics of Sprout

Start at: 2018-08-01 05:25:47
End at: 2018-08-01 05:26:17
Local clock offset: 0.19 ms
Remote clock offset: -0.077 ms

```
# Below is generated by plot.py at 2018-08-01 11:40:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.53 Mbit/s
95th percentile per-packet one-way delay: 86.513 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 86.572 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 86.241 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 86.254 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

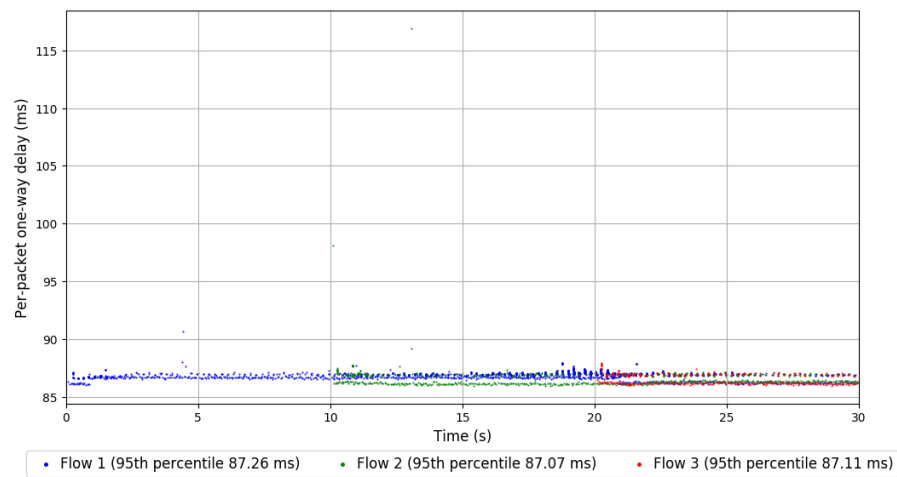
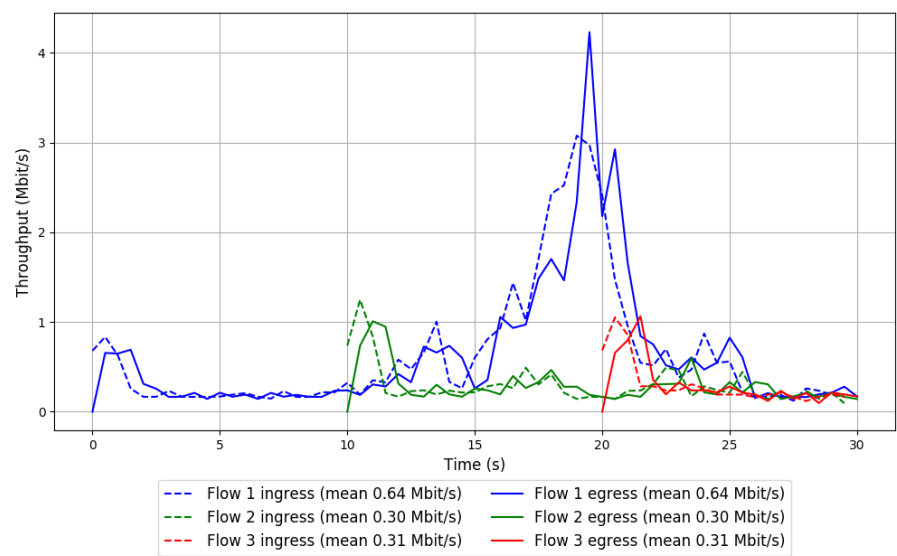


Run 3: Statistics of Sprout

Start at: 2018-08-01 05:52:01
End at: 2018-08-01 05:52:31
Local clock offset: 0.041 ms
Remote clock offset: -0.136 ms

```
# Below is generated by plot.py at 2018-08-01 11:40:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.95 Mbit/s
95th percentile per-packet one-way delay: 87.217 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 87.263 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 87.068 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 87.107 ms
Loss rate: 0.00%
```


Run 3: Report of Sprout — Data Link

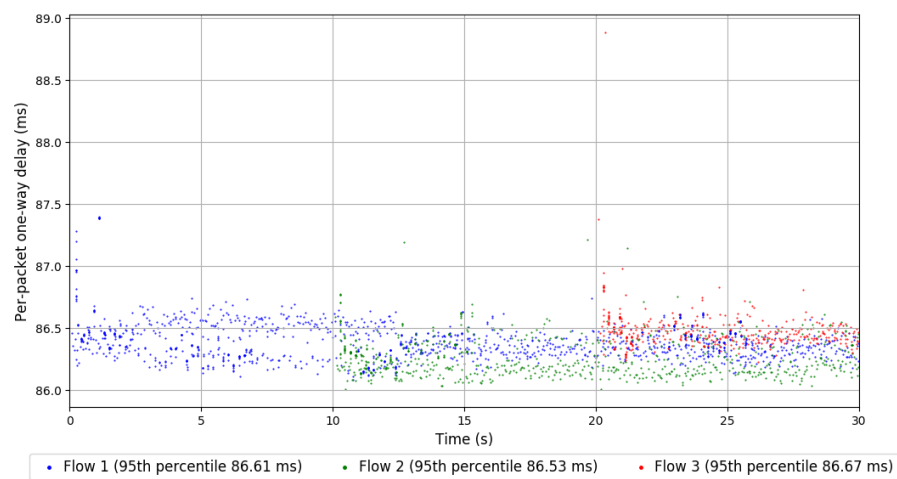
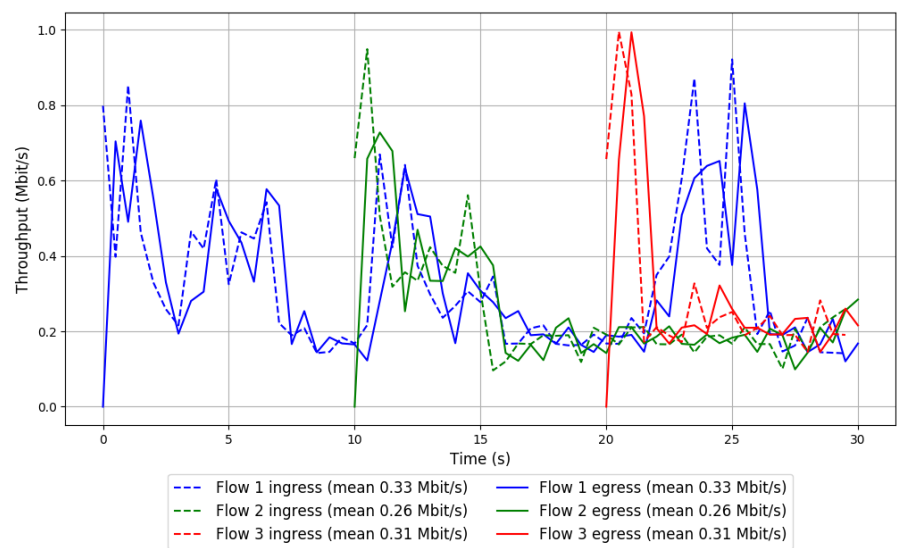


Run 4: Statistics of Sprout

Start at: 2018-08-01 06:18:31
End at: 2018-08-01 06:19:01
Local clock offset: 0.101 ms
Remote clock offset: -0.085 ms

```
# Below is generated by plot.py at 2018-08-01 11:40:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.61 Mbit/s
95th percentile per-packet one-way delay: 86.607 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 86.611 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 86.530 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 86.668 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

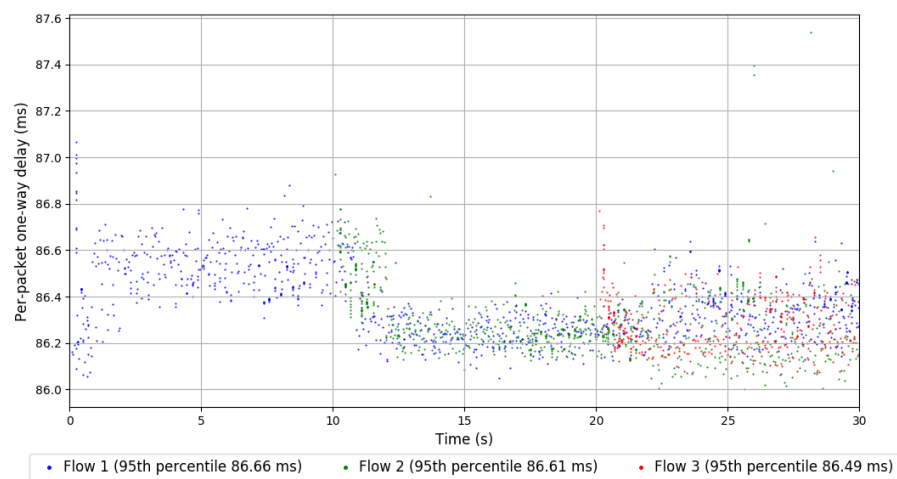
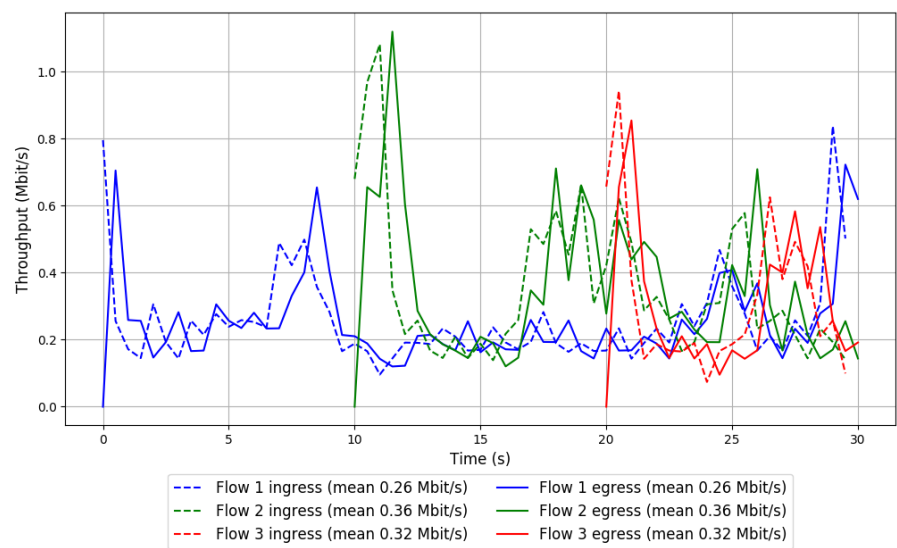


Run 5: Statistics of Sprout

Start at: 2018-08-01 06:44:51
End at: 2018-08-01 06:45:21
Local clock offset: -0.04 ms
Remote clock offset: -0.085 ms

```
# Below is generated by plot.py at 2018-08-01 11:40:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 86.630 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 86.658 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 86.613 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 86.489 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

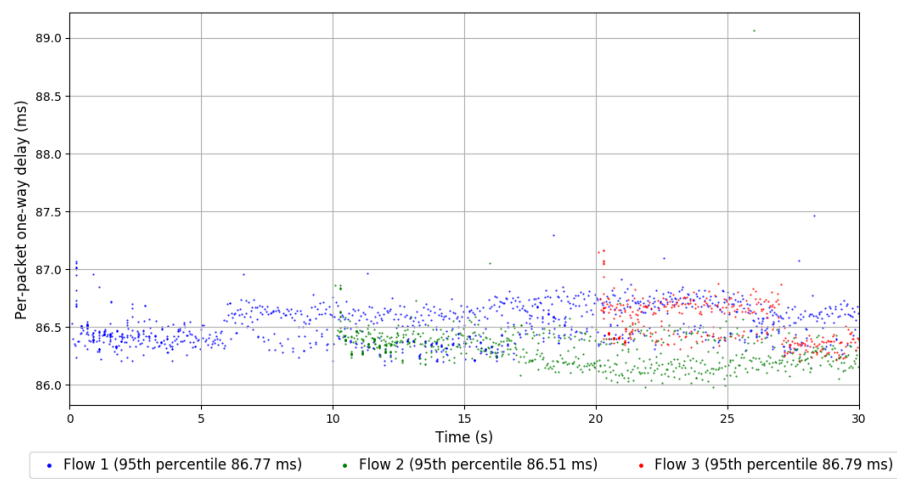
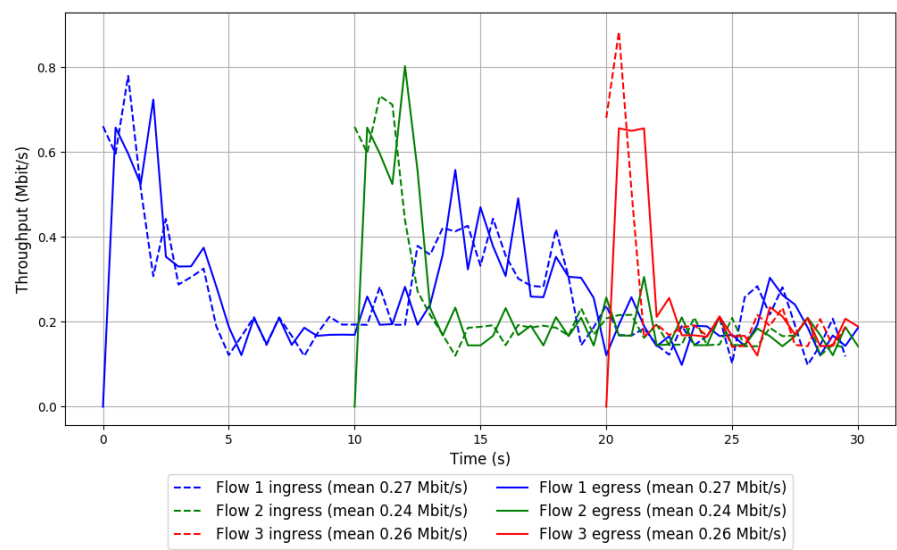


Run 6: Statistics of Sprout

Start at: 2018-08-01 07:11:26
End at: 2018-08-01 07:11:56
Local clock offset: -0.039 ms
Remote clock offset: -0.063 ms

```
# Below is generated by plot.py at 2018-08-01 11:40:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 86.752 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 86.767 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 86.506 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 86.789 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link

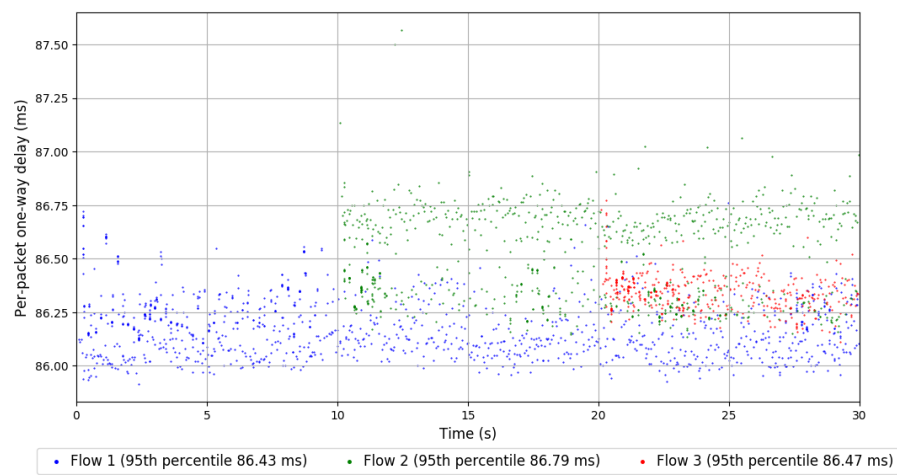
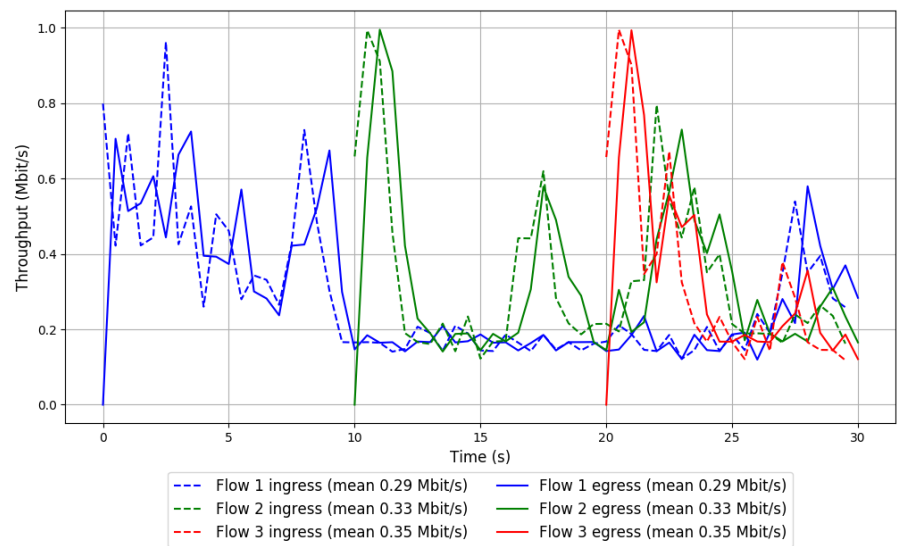


Run 7: Statistics of Sprout

Start at: 2018-08-01 07:37:50
End at: 2018-08-01 07:38:20
Local clock offset: 0.247 ms
Remote clock offset: -0.043 ms

```
# Below is generated by plot.py at 2018-08-01 11:40:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: 86.734 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 86.429 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 86.793 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 86.474 ms
Loss rate: 0.00%
```


Run 7: Report of Sprout — Data Link

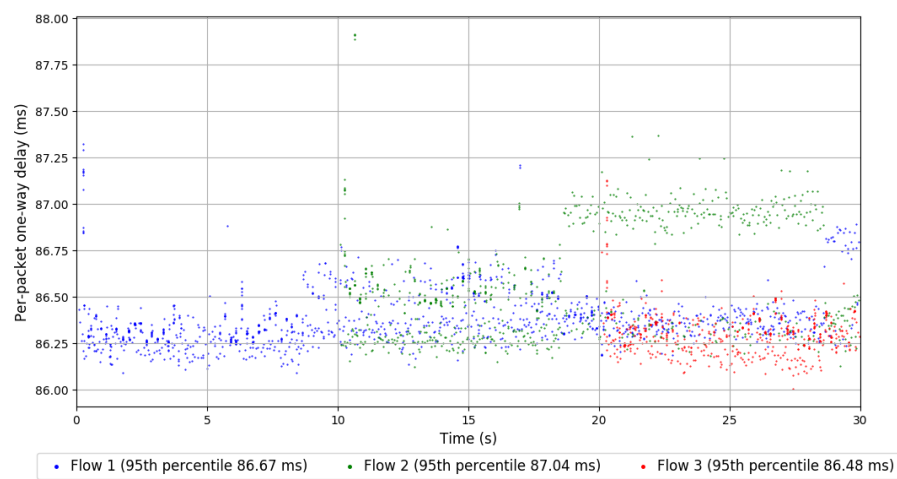
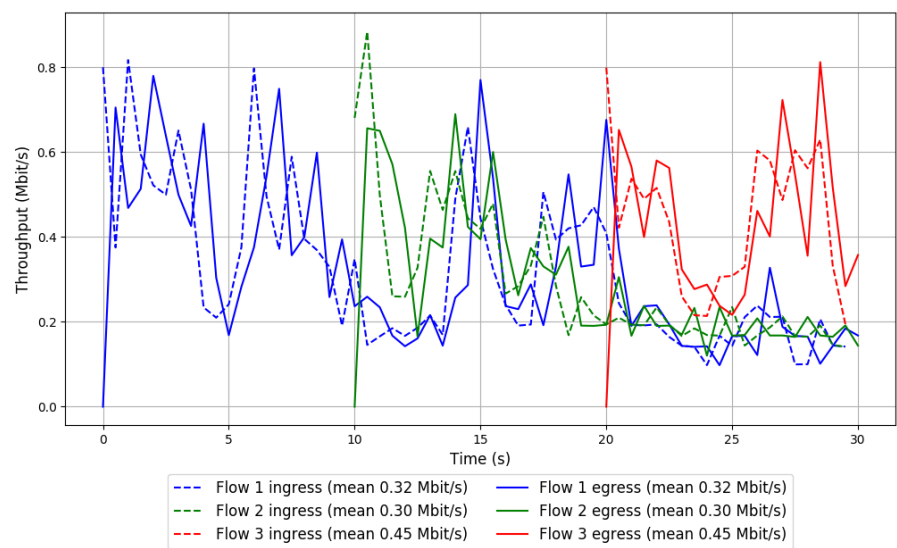


Run 8: Statistics of Sprout

Start at: 2018-08-01 08:04:15
End at: 2018-08-01 08:04:45
Local clock offset: -0.05 ms
Remote clock offset: -0.068 ms

```
# Below is generated by plot.py at 2018-08-01 11:40:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.67 Mbit/s
95th percentile per-packet one-way delay: 86.954 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 86.673 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 87.039 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 86.483 ms
Loss rate: 0.00%
```

Run 8: Report of Sprout — Data Link

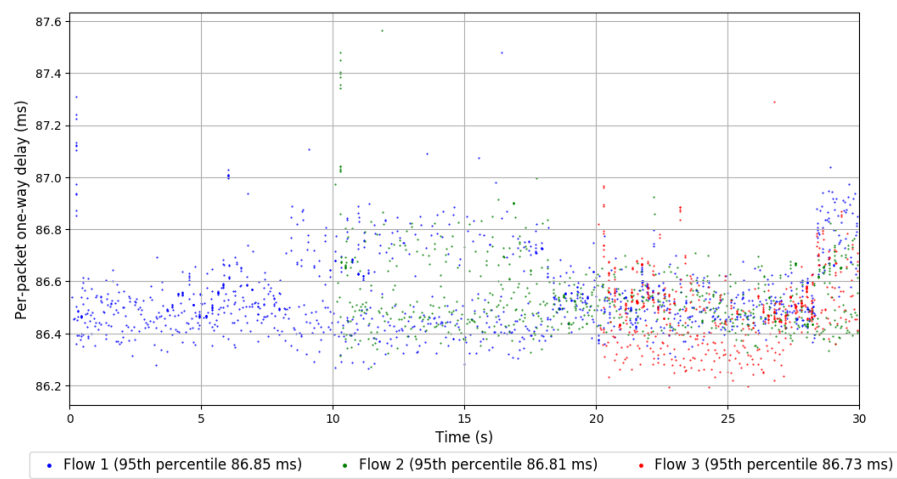
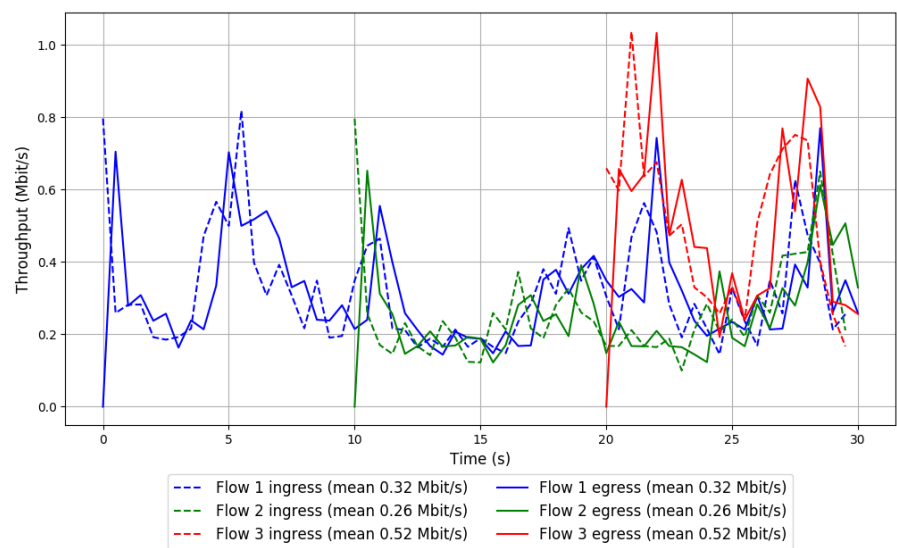


Run 9: Statistics of Sprout

Start at: 2018-08-01 08:30:35
End at: 2018-08-01 08:31:05
Local clock offset: -0.127 ms
Remote clock offset: -0.038 ms

```
# Below is generated by plot.py at 2018-08-01 11:40:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.66 Mbit/s
95th percentile per-packet one-way delay: 86.821 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 86.847 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 86.806 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.52 Mbit/s
95th percentile per-packet one-way delay: 86.735 ms
Loss rate: 0.00%
```

Run 9: Report of Sprout — Data Link

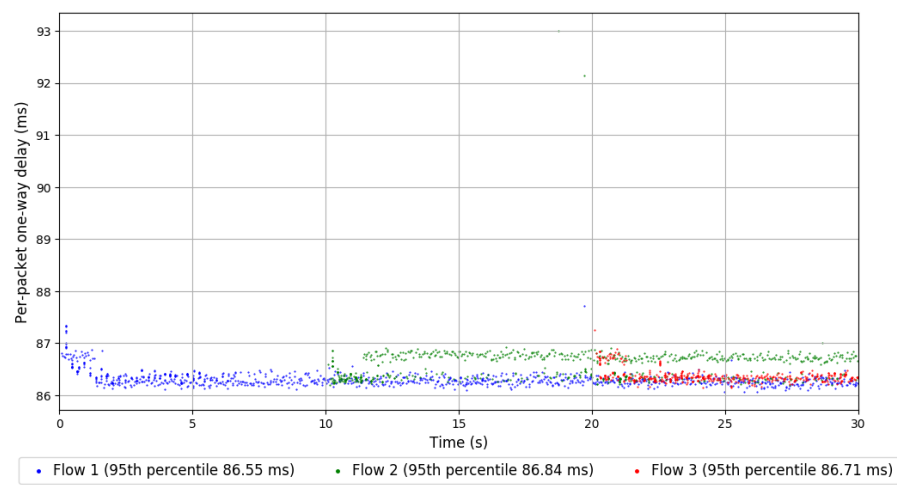
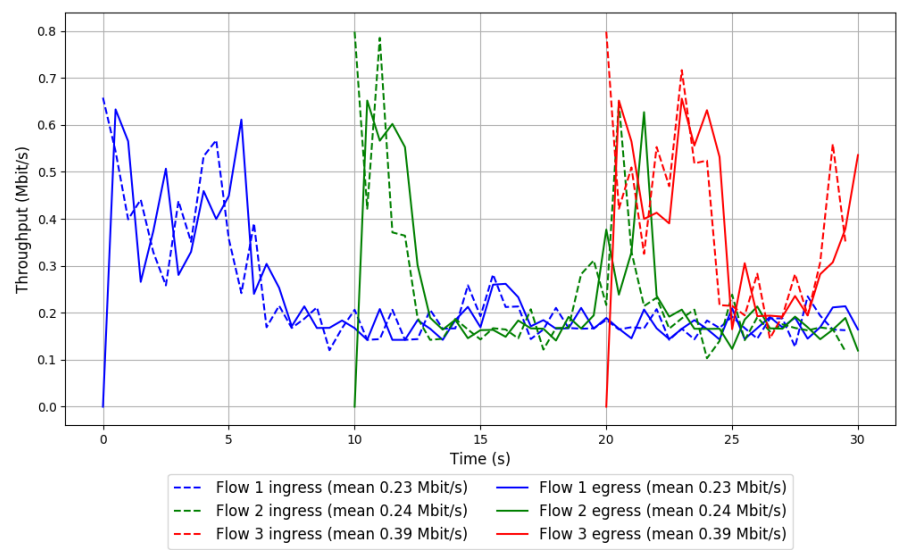


Run 10: Statistics of Sprout

Start at: 2018-08-01 08:57:02
End at: 2018-08-01 08:57:32
Local clock offset: -0.008 ms
Remote clock offset: -0.103 ms

Below is generated by plot.py at 2018-08-01 11:40:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.52 Mbit/s
95th percentile per-packet one-way delay: 86.805 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 86.550 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 86.845 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 86.709 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

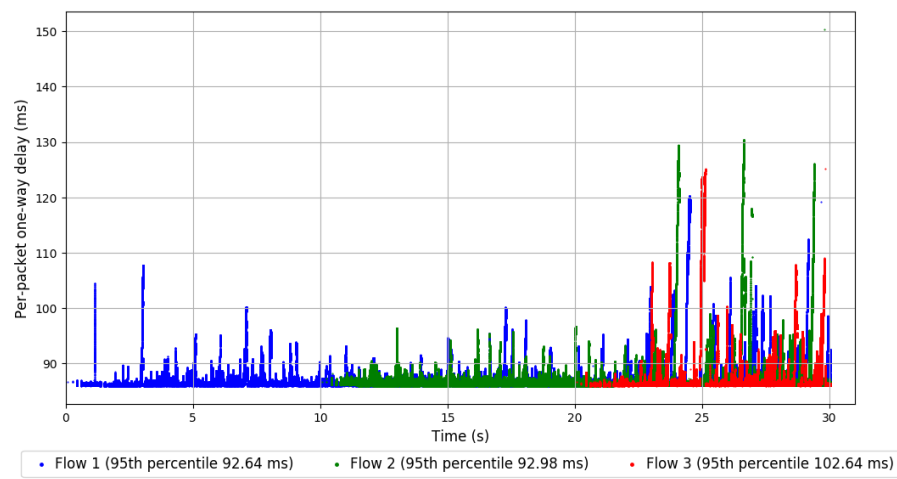
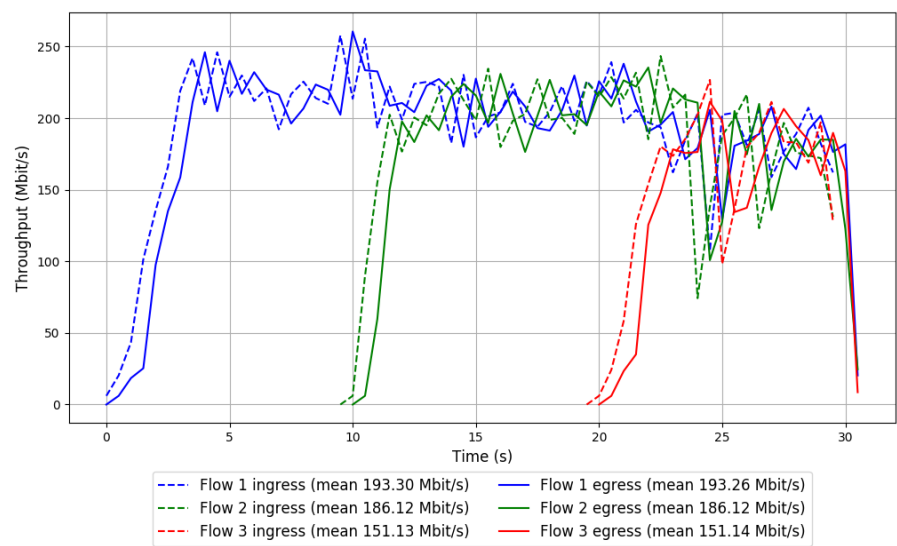


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-08-01 04:56:02
End at: 2018-08-01 04:56:32
Local clock offset: 0.088 ms
Remote clock offset: -0.137 ms

# Below is generated by plot.py at 2018-08-01 11:43:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 367.55 Mbit/s
95th percentile per-packet one-way delay: 93.656 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 193.26 Mbit/s
95th percentile per-packet one-way delay: 92.640 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 186.12 Mbit/s
95th percentile per-packet one-way delay: 92.984 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 151.14 Mbit/s
95th percentile per-packet one-way delay: 102.643 ms
Loss rate: 0.00%
```


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

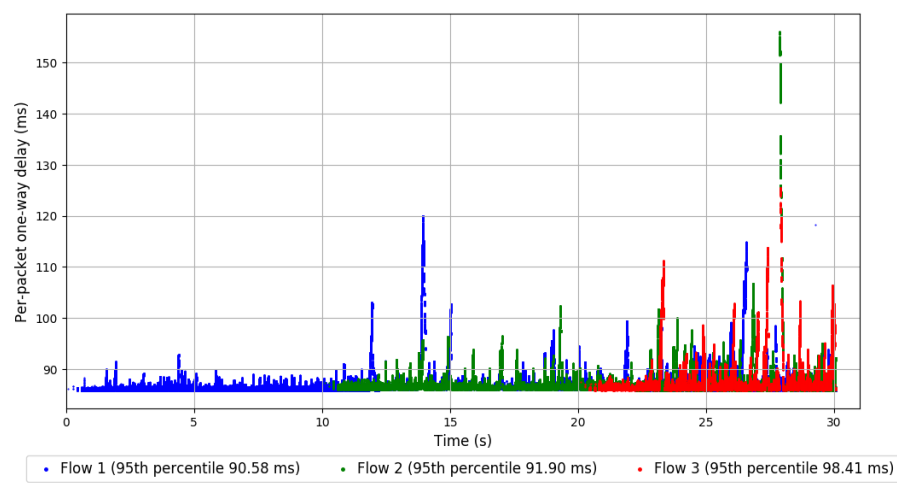
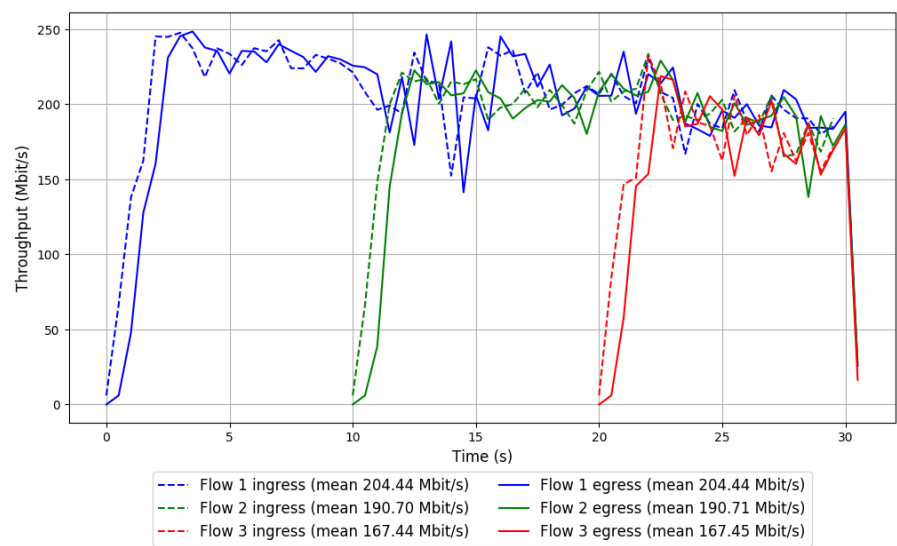


Run 2: Statistics of TaoVA-100x

Start at: 2018-08-01 05:22:20
End at: 2018-08-01 05:22:50
Local clock offset: 0.075 ms
Remote clock offset: -0.111 ms

Below is generated by plot.py at 2018-08-01 11:44:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 387.09 Mbit/s
95th percentile per-packet one-way delay: 91.872 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 204.44 Mbit/s
95th percentile per-packet one-way delay: 90.580 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 190.71 Mbit/s
95th percentile per-packet one-way delay: 91.901 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 167.45 Mbit/s
95th percentile per-packet one-way delay: 98.412 ms
Loss rate: 0.00%

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

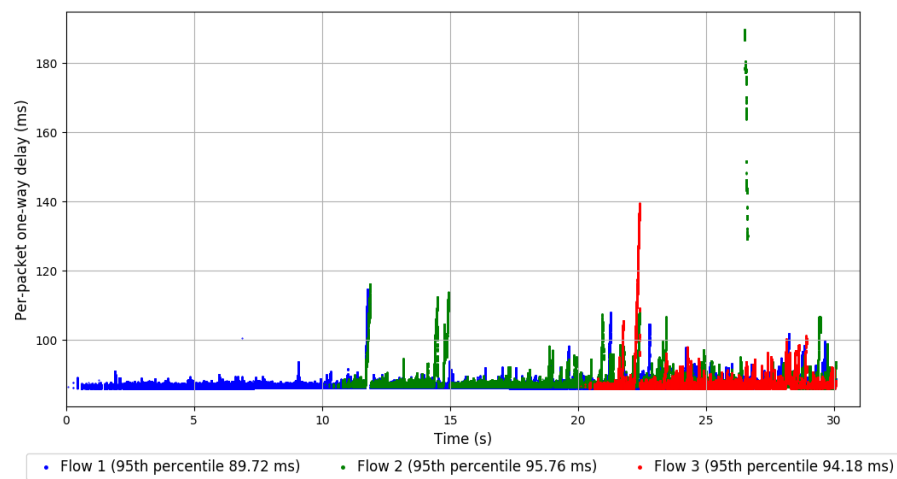
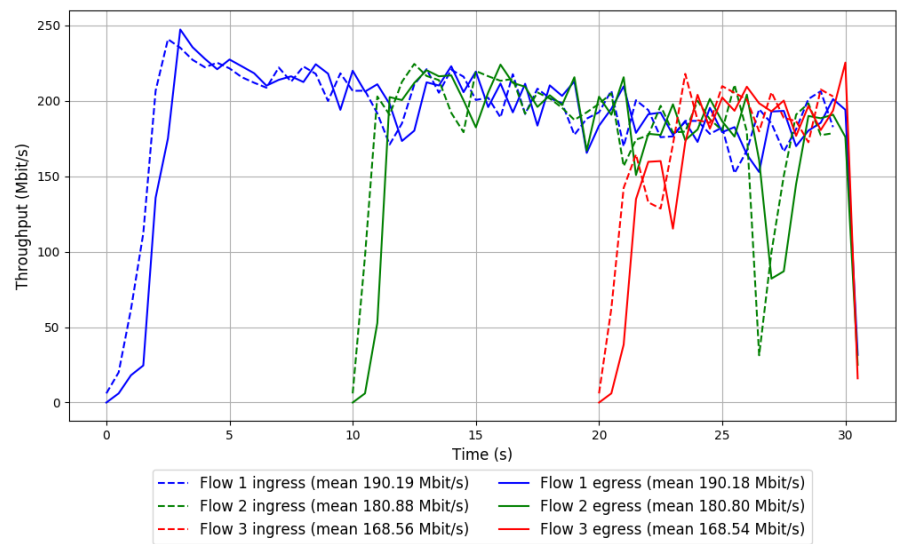


Run 3: Statistics of TaoVA-100x

Start at: 2018-08-01 05:48:35
End at: 2018-08-01 05:49:05
Local clock offset: 0.069 ms
Remote clock offset: -0.138 ms

Below is generated by plot.py at 2018-08-01 11:44:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 366.60 Mbit/s
95th percentile per-packet one-way delay: 92.353 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 190.18 Mbit/s
95th percentile per-packet one-way delay: 89.721 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 180.80 Mbit/s
95th percentile per-packet one-way delay: 95.758 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 168.54 Mbit/s
95th percentile per-packet one-way delay: 94.179 ms
Loss rate: 0.00%

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

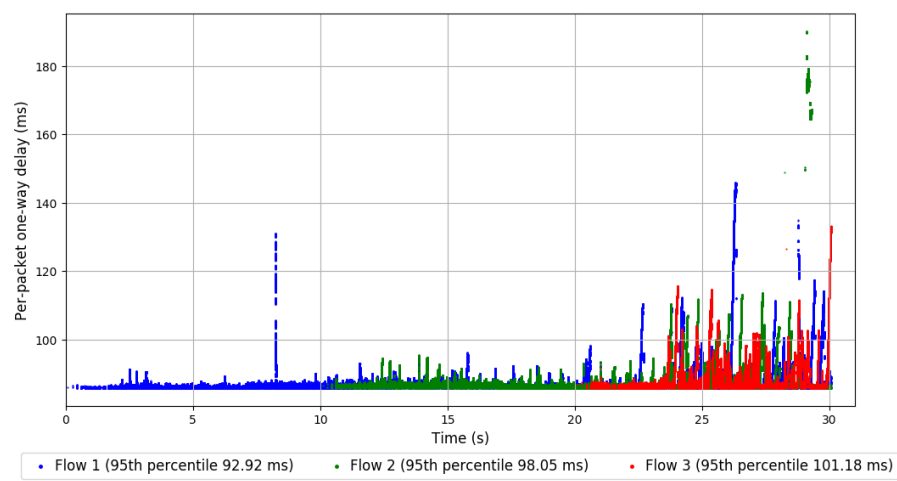
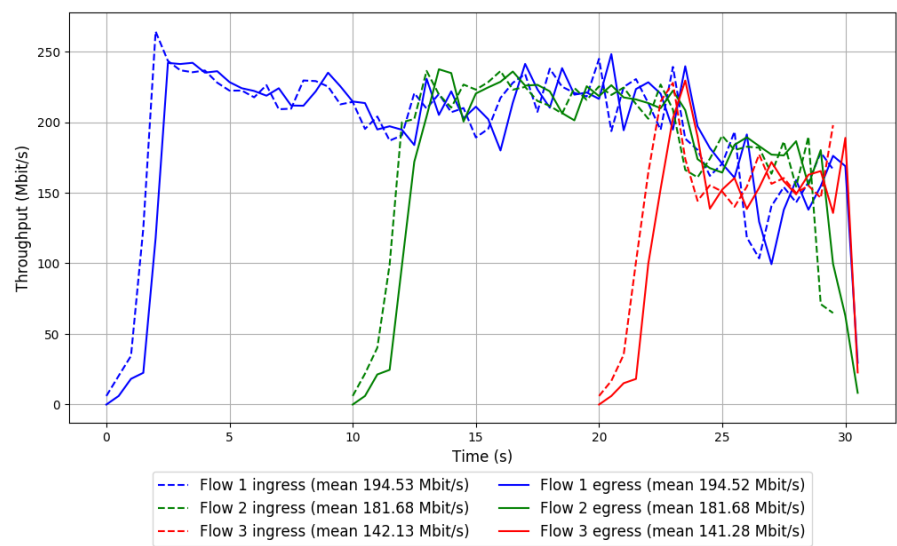


Run 4: Statistics of TaoVA-100x

Start at: 2018-08-01 06:15:06
End at: 2018-08-01 06:15:36
Local clock offset: 0.203 ms
Remote clock offset: -0.129 ms

Below is generated by plot.py at 2018-08-01 11:44:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 362.44 Mbit/s
95th percentile per-packet one-way delay: 96.397 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 194.52 Mbit/s
95th percentile per-packet one-way delay: 92.919 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 181.68 Mbit/s
95th percentile per-packet one-way delay: 98.053 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 141.28 Mbit/s
95th percentile per-packet one-way delay: 101.179 ms
Loss rate: 0.58%

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

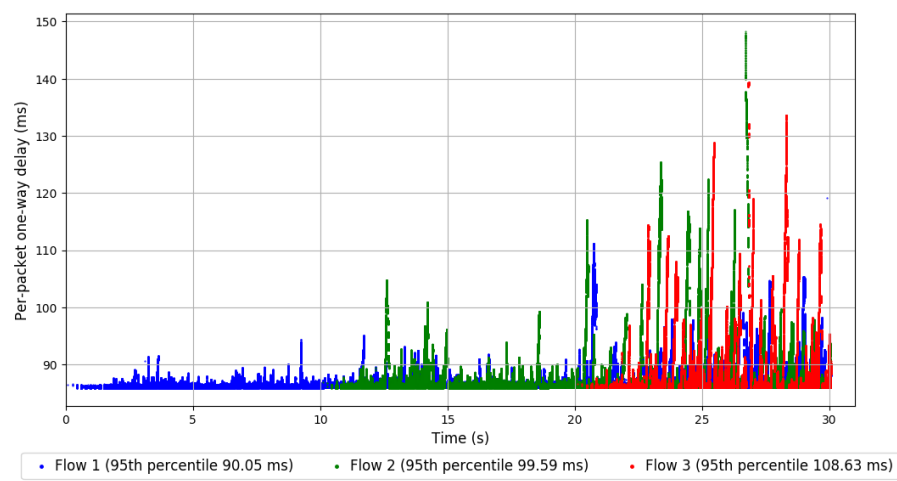
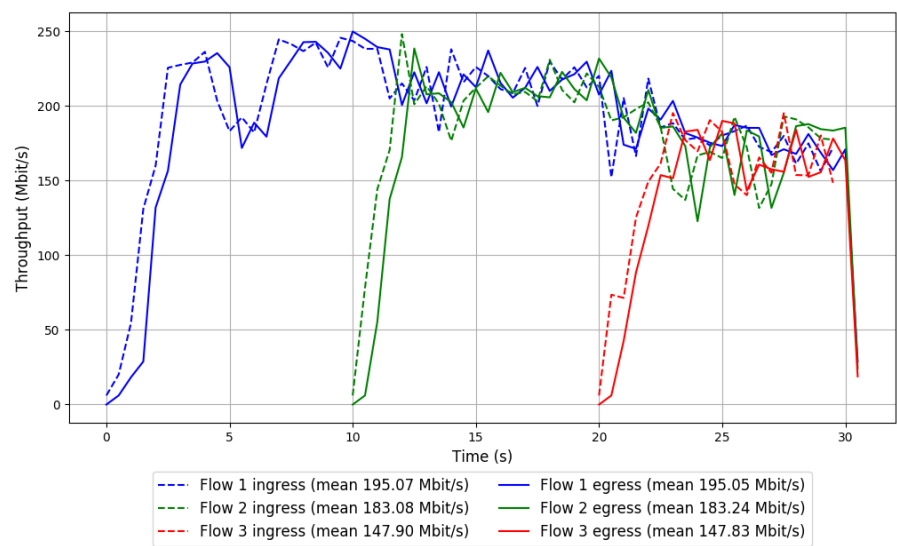


Run 5: Statistics of TaoVA-100x

Start at: 2018-08-01 06:41:23
End at: 2018-08-01 06:41:53
Local clock offset: 0.041 ms
Remote clock offset: -0.033 ms

Below is generated by plot.py at 2018-08-01 11:46:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 366.09 Mbit/s
95th percentile per-packet one-way delay: 96.784 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 195.05 Mbit/s
95th percentile per-packet one-way delay: 90.049 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 183.24 Mbit/s
95th percentile per-packet one-way delay: 99.591 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 147.83 Mbit/s
95th percentile per-packet one-way delay: 108.627 ms
Loss rate: 0.03%

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

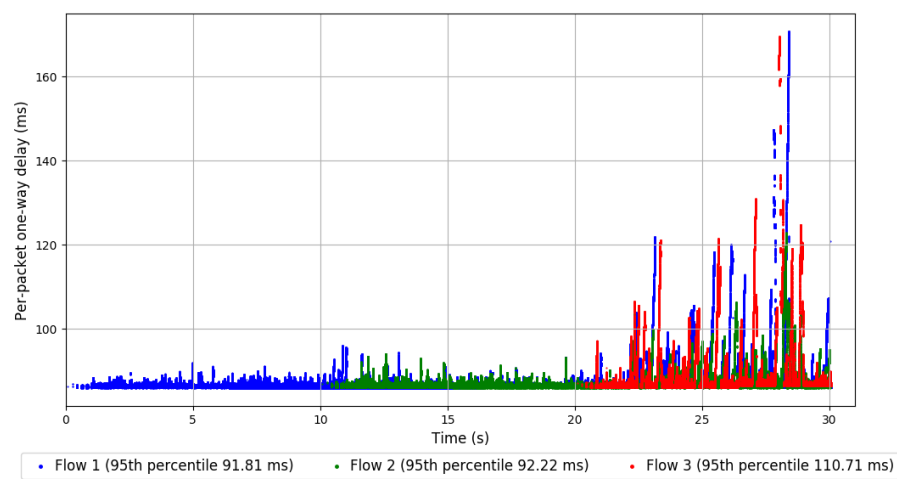
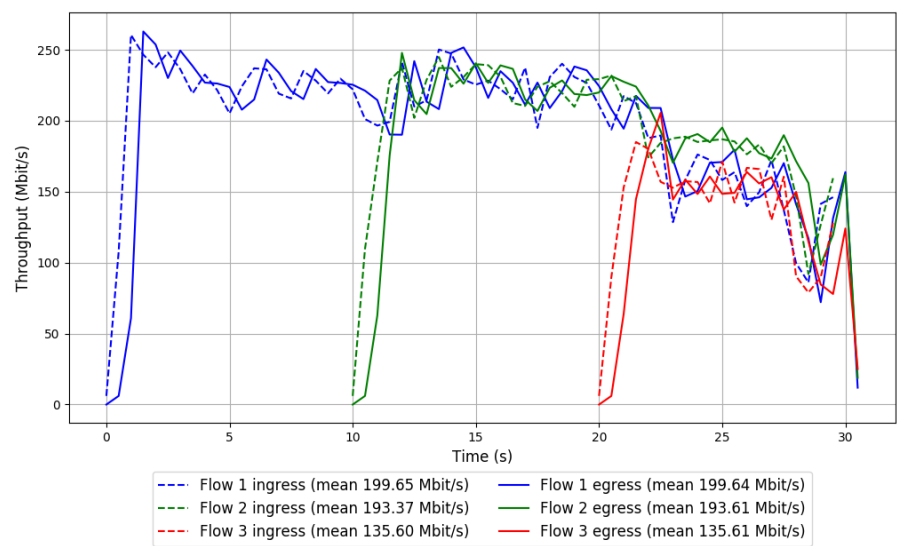


Run 6: Statistics of TaoVA-100x

Start at: 2018-08-01 07:07:57
End at: 2018-08-01 07:08:27
Local clock offset: -0.066 ms
Remote clock offset: -0.035 ms

Below is generated by plot.py at 2018-08-01 11:47:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 373.71 Mbit/s
95th percentile per-packet one-way delay: 94.561 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 199.64 Mbit/s
95th percentile per-packet one-way delay: 91.815 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 193.61 Mbit/s
95th percentile per-packet one-way delay: 92.223 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 135.61 Mbit/s
95th percentile per-packet one-way delay: 110.713 ms
Loss rate: 0.00%

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

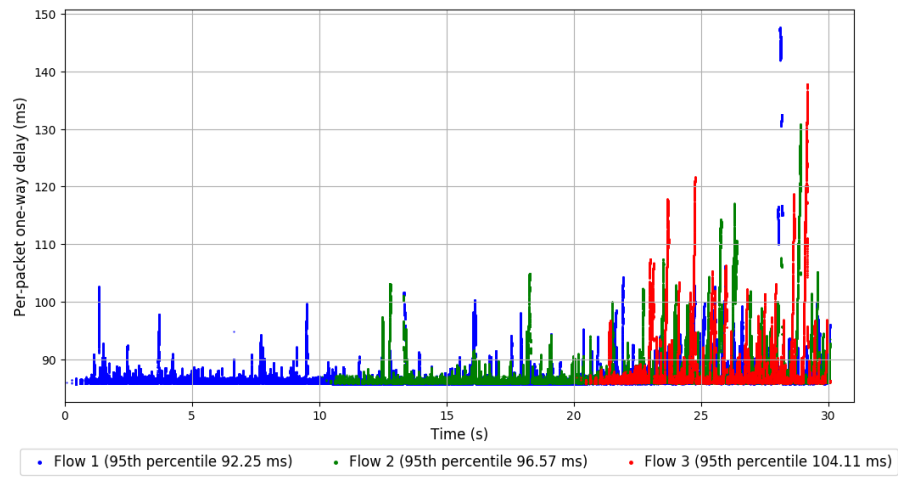
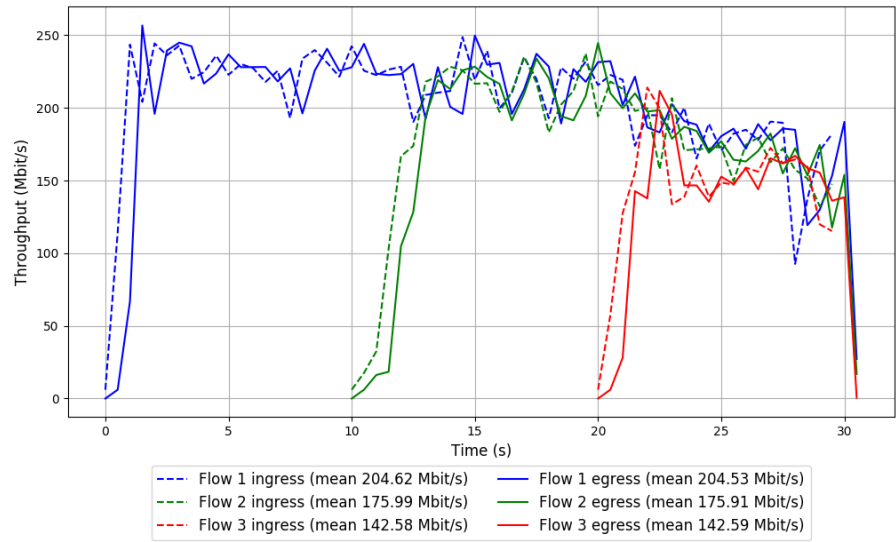


Run 7: Statistics of TaoVA-100x

Start at: 2018-08-01 07:34:23
End at: 2018-08-01 07:34:53
Local clock offset: 0.275 ms
Remote clock offset: -0.057 ms

Below is generated by plot.py at 2018-08-01 11:49:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 369.00 Mbit/s
95th percentile per-packet one-way delay: 95.615 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 204.53 Mbit/s
95th percentile per-packet one-way delay: 92.251 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 175.91 Mbit/s
95th percentile per-packet one-way delay: 96.571 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 142.59 Mbit/s
95th percentile per-packet one-way delay: 104.112 ms
Loss rate: 0.00%

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

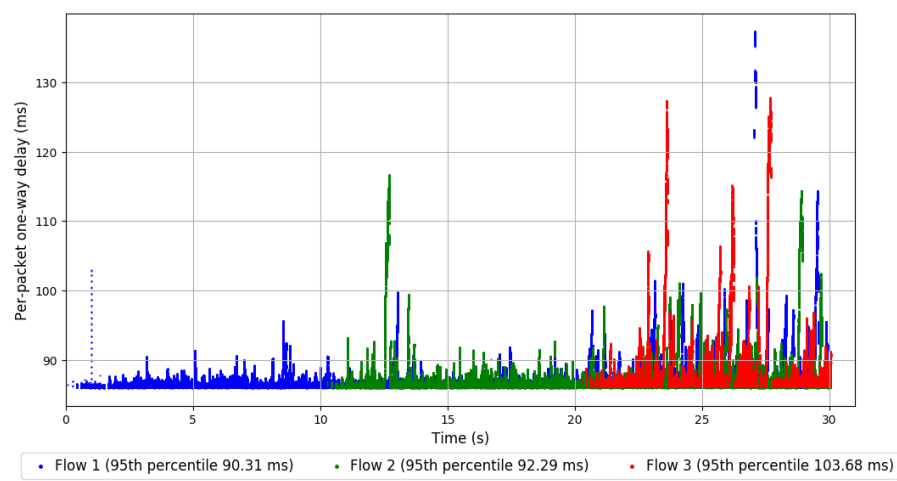
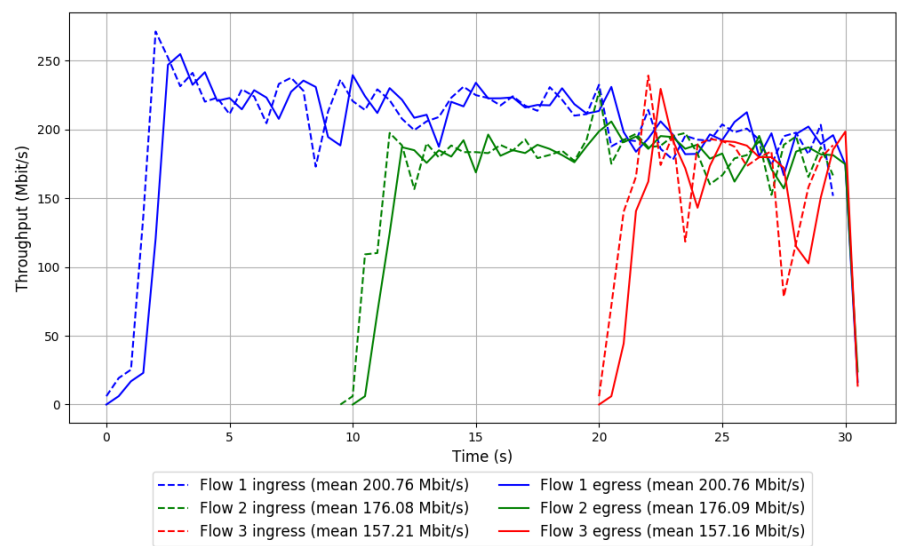


Run 8: Statistics of TaoVA-100x

Start at: 2018-08-01 08:00:42
End at: 2018-08-01 08:01:12
Local clock offset: 0.038 ms
Remote clock offset: -0.043 ms

Below is generated by plot.py at 2018-08-01 11:53:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 370.31 Mbit/s
95th percentile per-packet one-way delay: 92.367 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 200.76 Mbit/s
95th percentile per-packet one-way delay: 90.307 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 176.09 Mbit/s
95th percentile per-packet one-way delay: 92.290 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 157.16 Mbit/s
95th percentile per-packet one-way delay: 103.684 ms
Loss rate: 0.03%

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

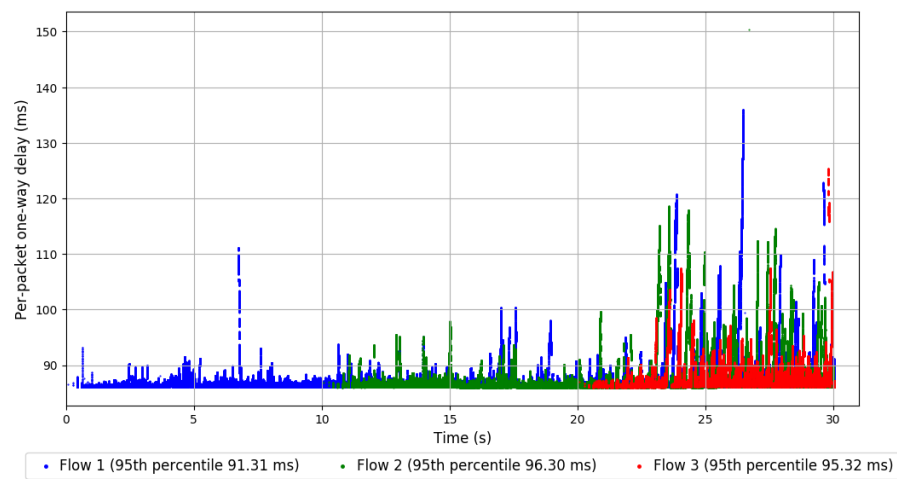
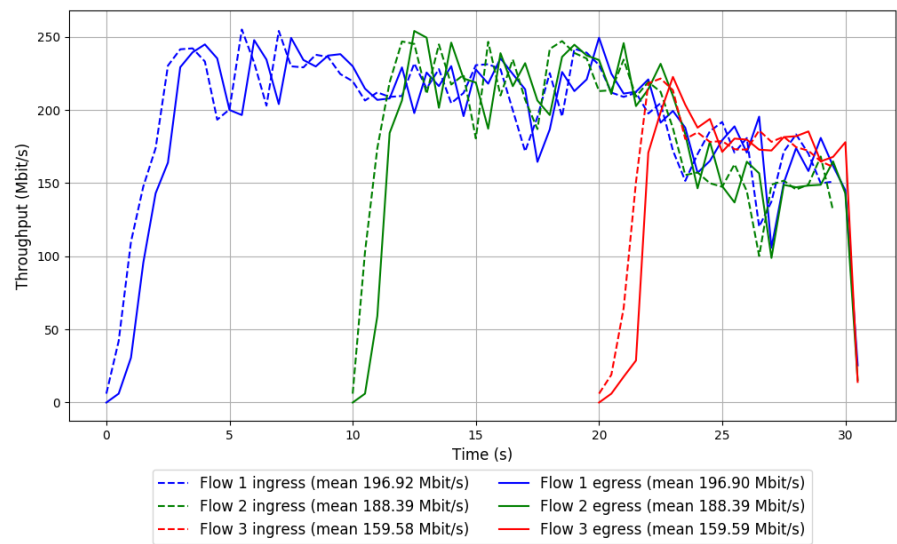


Run 9: Statistics of TaoVA-100x

Start at: 2018-08-01 08:27:08
End at: 2018-08-01 08:27:38
Local clock offset: -0.016 ms
Remote clock offset: -0.048 ms

Below is generated by plot.py at 2018-08-01 11:56:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 375.47 Mbit/s
95th percentile per-packet one-way delay: 94.005 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 196.90 Mbit/s
95th percentile per-packet one-way delay: 91.314 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 188.39 Mbit/s
95th percentile per-packet one-way delay: 96.300 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 159.59 Mbit/s
95th percentile per-packet one-way delay: 95.316 ms
Loss rate: 0.00%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-08-01 08:53:32

End at: 2018-08-01 08:54:02

Local clock offset: 0.439 ms

Remote clock offset: -0.01 ms

Below is generated by plot.py at 2018-08-01 11:56:42

Datalink statistics

-- Total of 3 flows:

Average throughput: 373.18 Mbit/s

95th percentile per-packet one-way delay: 89.617 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 199.34 Mbit/s

95th percentile per-packet one-way delay: 88.834 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 177.38 Mbit/s

95th percentile per-packet one-way delay: 89.314 ms

Loss rate: 0.00%

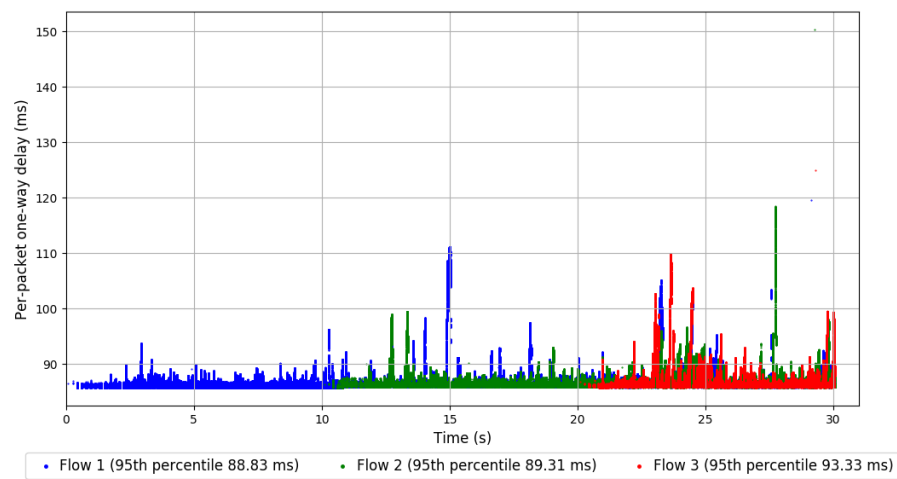
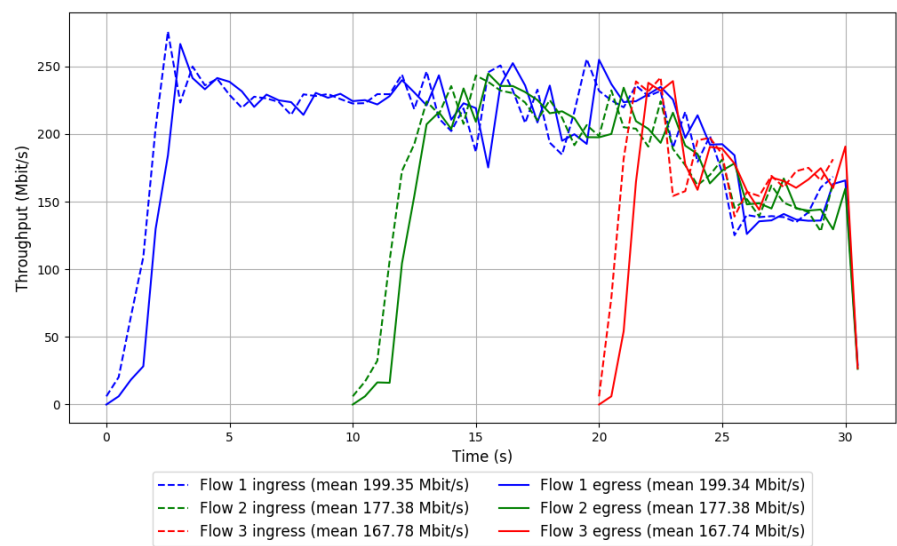
-- Flow 3:

Average throughput: 167.74 Mbit/s

95th percentile per-packet one-way delay: 93.327 ms

Loss rate: 0.03%

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

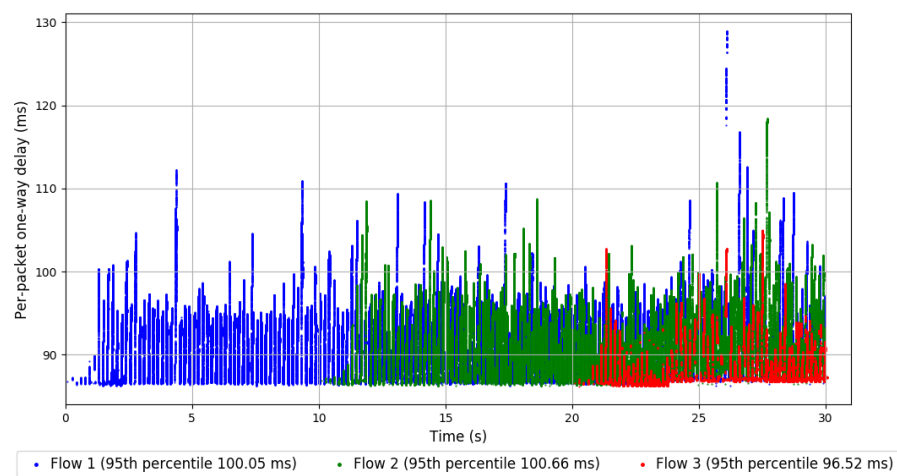
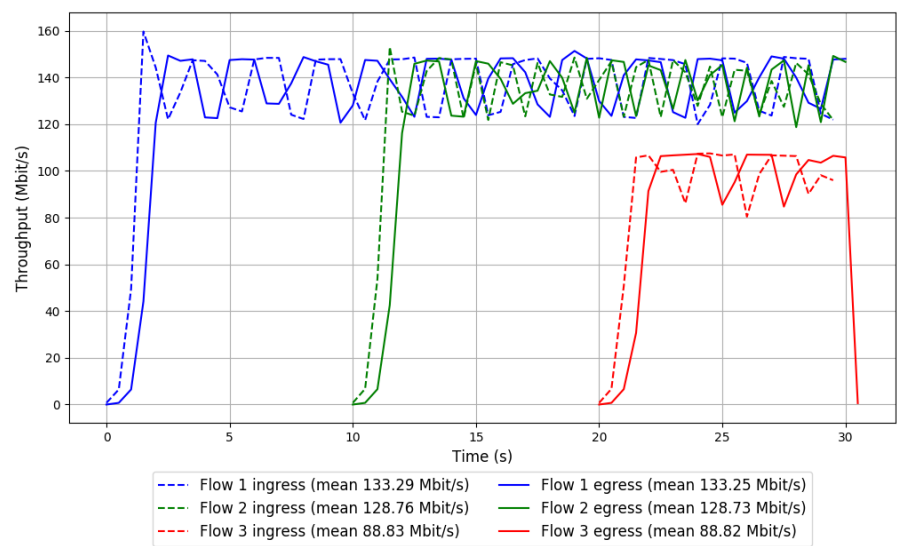


Run 1: Statistics of TCP Vegas

Start at: 2018-08-01 04:46:29
End at: 2018-08-01 04:46:59
Local clock offset: 0.061 ms
Remote clock offset: -0.042 ms

Below is generated by plot.py at 2018-08-01 11:56:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 247.76 Mbit/s
95th percentile per-packet one-way delay: 100.117 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 133.25 Mbit/s
95th percentile per-packet one-way delay: 100.048 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 128.73 Mbit/s
95th percentile per-packet one-way delay: 100.661 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 88.82 Mbit/s
95th percentile per-packet one-way delay: 96.519 ms
Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2018-08-01 05:13:00

End at: 2018-08-01 05:13:30

Local clock offset: 0.119 ms

Remote clock offset: -0.09 ms

Below is generated by plot.py at 2018-08-01 11:56:42

Datalink statistics

-- Total of 3 flows:

Average throughput: 86.68 Mbit/s

95th percentile per-packet one-way delay: 89.761 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 31.13 Mbit/s

95th percentile per-packet one-way delay: 93.899 ms

Loss rate: 0.10%

-- Flow 2:

Average throughput: 44.16 Mbit/s

95th percentile per-packet one-way delay: 88.772 ms

Loss rate: 0.00%

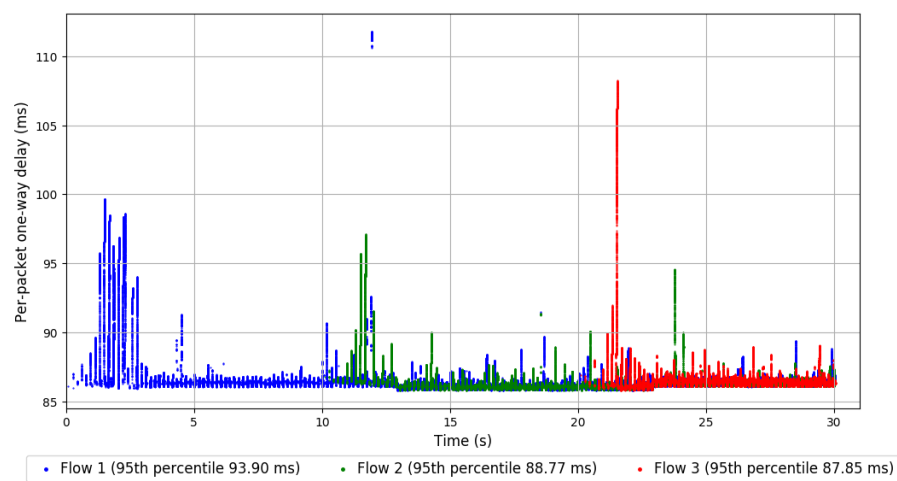
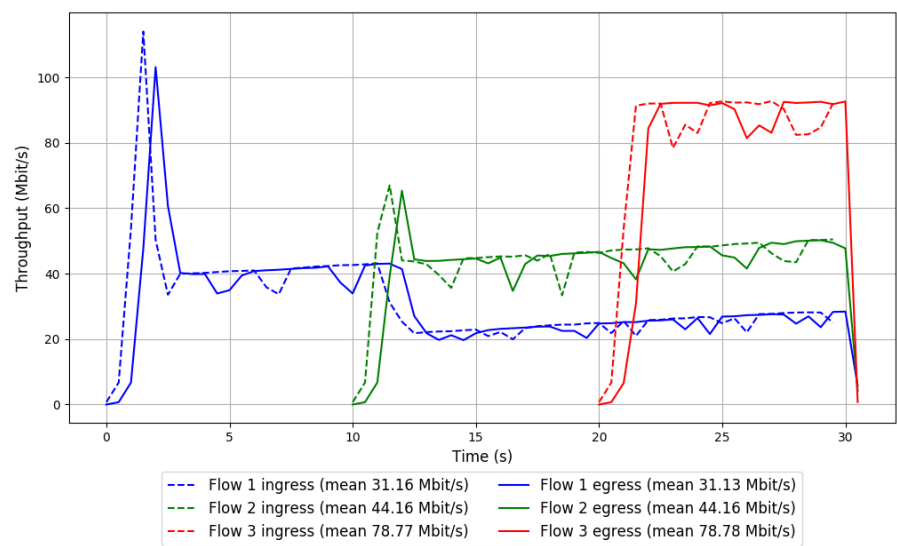
-- Flow 3:

Average throughput: 78.78 Mbit/s

95th percentile per-packet one-way delay: 87.854 ms

Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link

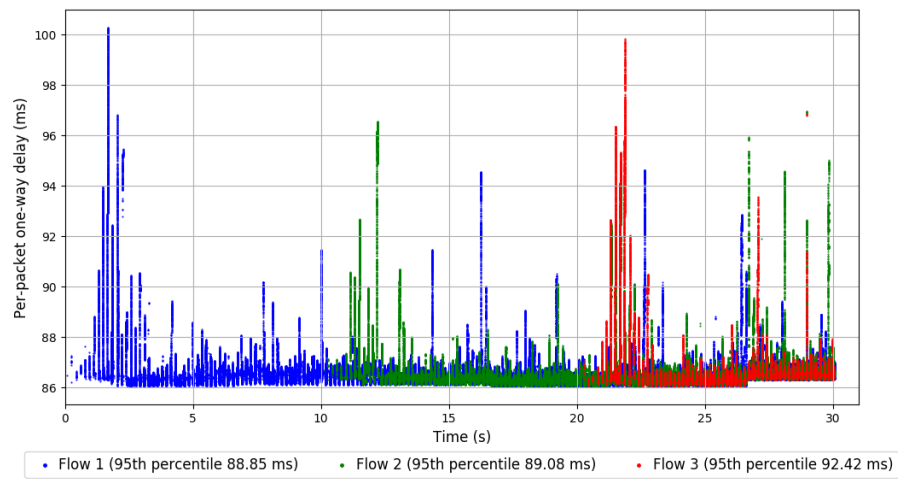
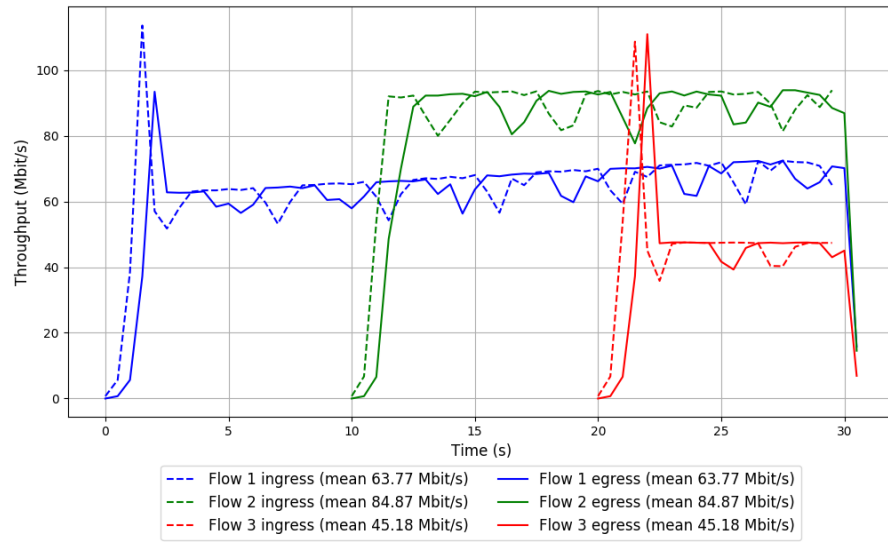


Run 3: Statistics of TCP Vegas

Start at: 2018-08-01 05:39:17
End at: 2018-08-01 05:39:47
Local clock offset: -0.054 ms
Remote clock offset: -0.111 ms

Below is generated by plot.py at 2018-08-01 11:56:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 135.29 Mbit/s
95th percentile per-packet one-way delay: 89.403 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 63.77 Mbit/s
95th percentile per-packet one-way delay: 88.849 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 84.87 Mbit/s
95th percentile per-packet one-way delay: 89.083 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 45.18 Mbit/s
95th percentile per-packet one-way delay: 92.424 ms
Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link

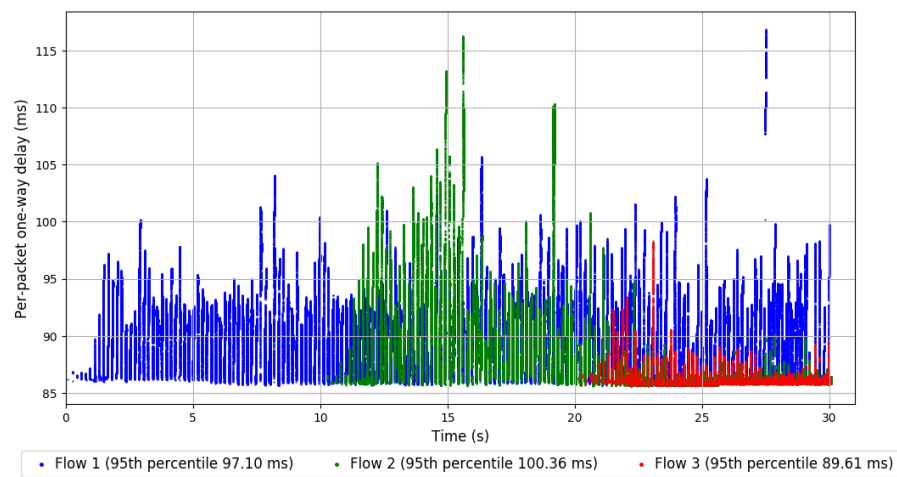
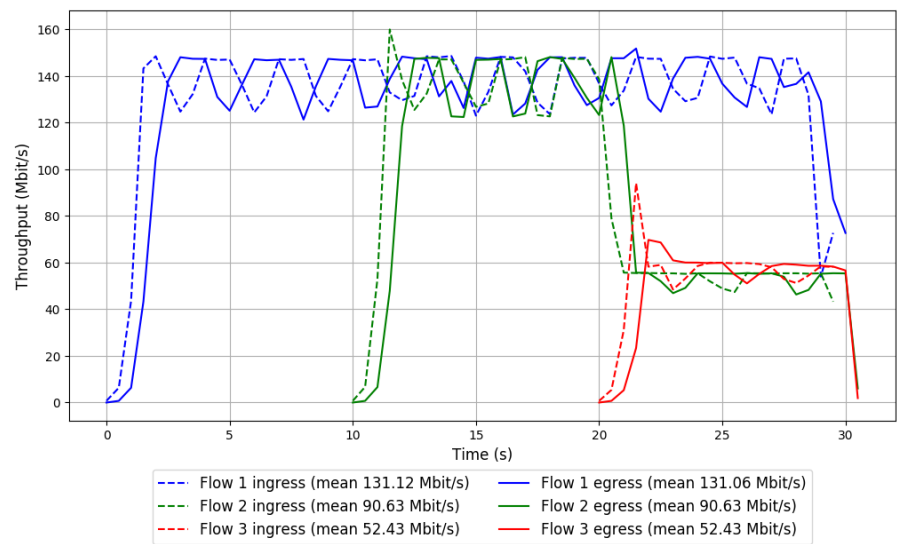


Run 4: Statistics of TCP Vegas

Start at: 2018-08-01 06:05:38
End at: 2018-08-01 06:06:08
Local clock offset: 0.308 ms
Remote clock offset: -0.118 ms

Below is generated by plot.py at 2018-08-01 11:56:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 208.48 Mbit/s
95th percentile per-packet one-way delay: 97.712 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 131.06 Mbit/s
95th percentile per-packet one-way delay: 97.104 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 90.63 Mbit/s
95th percentile per-packet one-way delay: 100.364 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 52.43 Mbit/s
95th percentile per-packet one-way delay: 89.605 ms
Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link

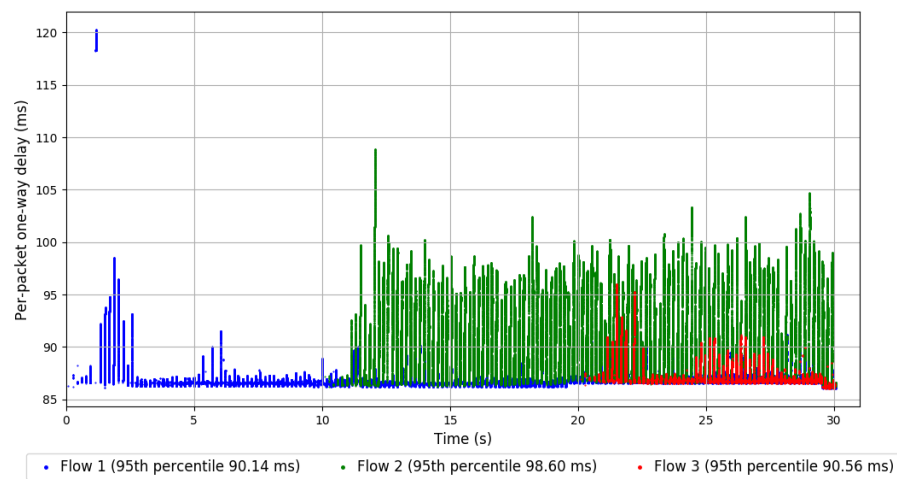
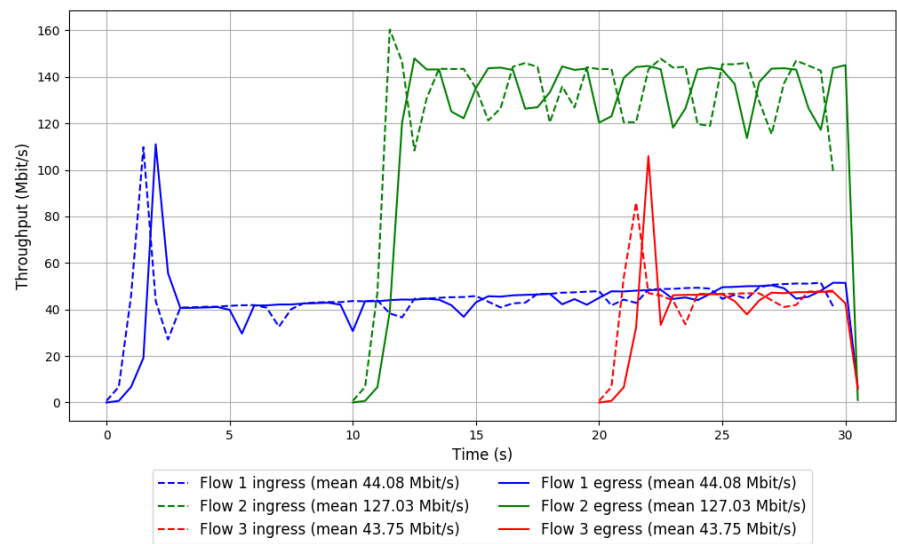


Run 5: Statistics of TCP Vegas

Start at: 2018-08-01 06:32:04
End at: 2018-08-01 06:32:34
Local clock offset: -0.034 ms
Remote clock offset: -0.056 ms

Below is generated by plot.py at 2018-08-01 11:56:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 143.19 Mbit/s
95th percentile per-packet one-way delay: 97.869 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 44.08 Mbit/s
95th percentile per-packet one-way delay: 90.144 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 127.03 Mbit/s
95th percentile per-packet one-way delay: 98.600 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 43.75 Mbit/s
95th percentile per-packet one-way delay: 90.563 ms
Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link

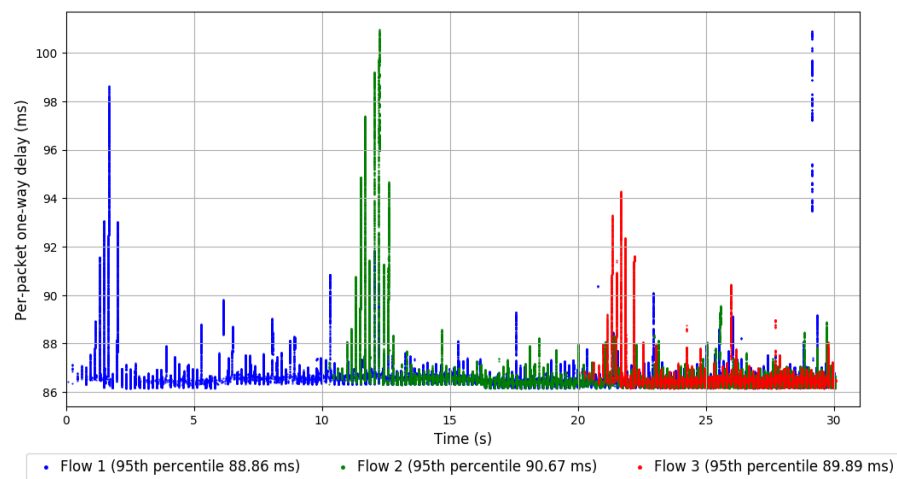
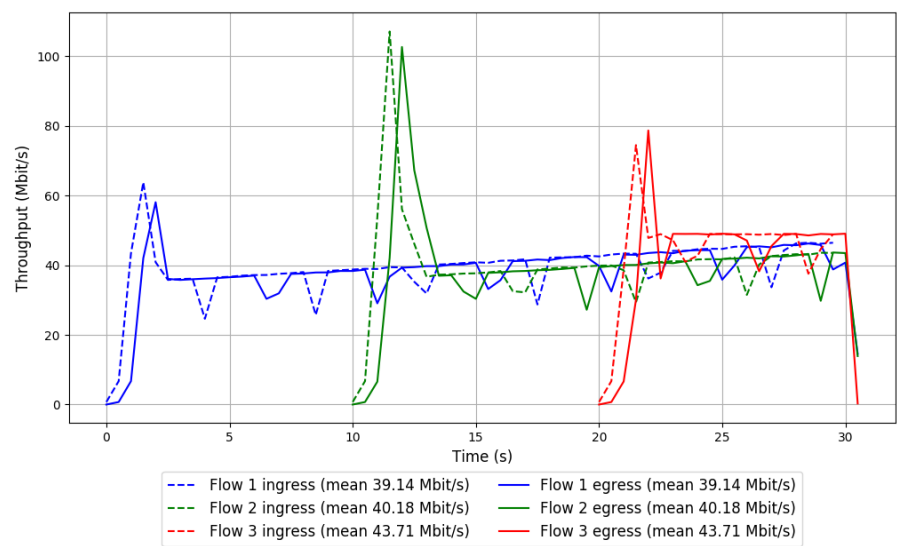


Run 6: Statistics of TCP Vegas

Start at: 2018-08-01 06:58:27
End at: 2018-08-01 06:58:57
Local clock offset: -0.179 ms
Remote clock offset: -0.063 ms

Below is generated by plot.py at 2018-08-01 11:56:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.37 Mbit/s
95th percentile per-packet one-way delay: 89.562 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 39.14 Mbit/s
95th percentile per-packet one-way delay: 88.864 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 40.18 Mbit/s
95th percentile per-packet one-way delay: 90.665 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 43.71 Mbit/s
95th percentile per-packet one-way delay: 89.894 ms
Loss rate: 0.00%

Run 6: Report of TCP Vegas — Data Link

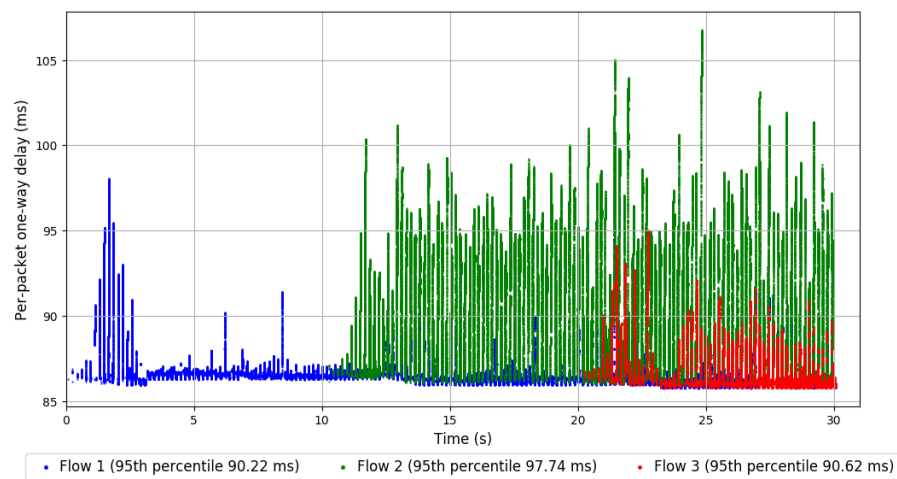
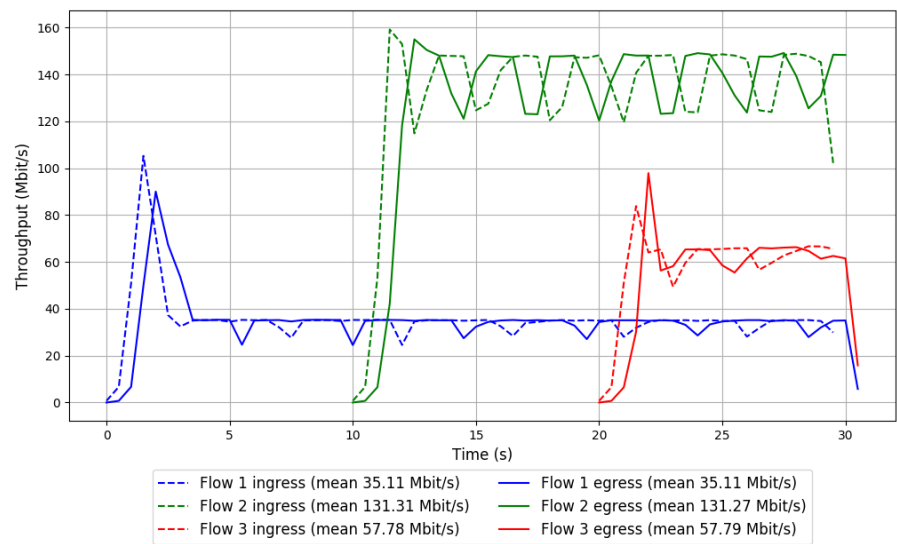


Run 7: Statistics of TCP Vegas

Start at: 2018-08-01 07:25:00
End at: 2018-08-01 07:25:30
Local clock offset: 0.192 ms
Remote clock offset: -0.073 ms

Below is generated by plot.py at 2018-08-01 11:56:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 141.23 Mbit/s
95th percentile per-packet one-way delay: 96.817 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 35.11 Mbit/s
95th percentile per-packet one-way delay: 90.220 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 131.27 Mbit/s
95th percentile per-packet one-way delay: 97.738 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 57.79 Mbit/s
95th percentile per-packet one-way delay: 90.624 ms
Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link

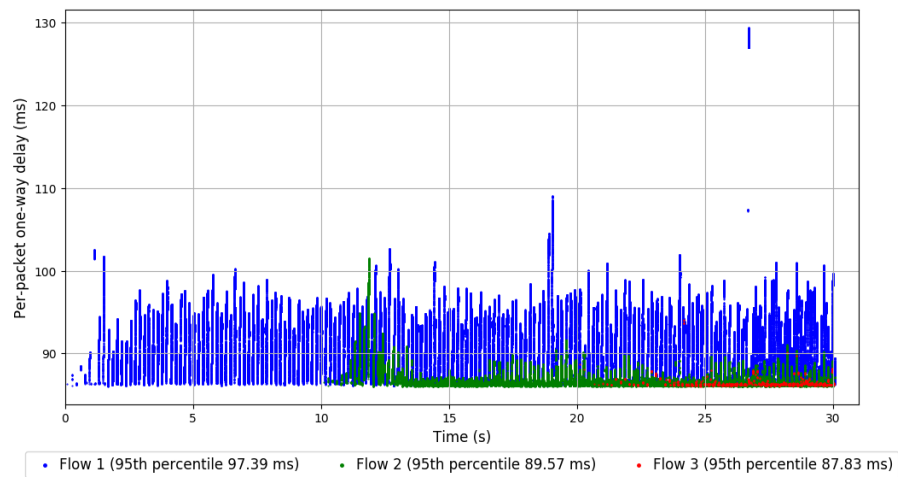
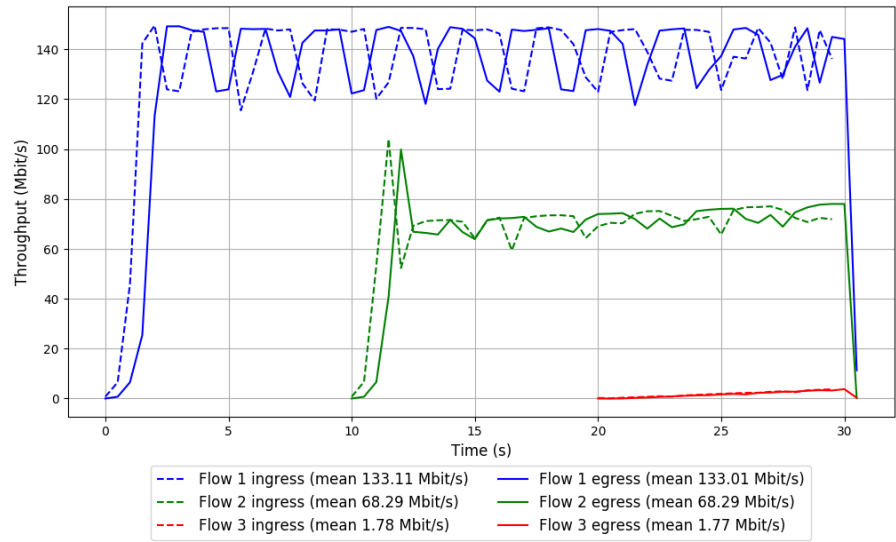


Run 8: Statistics of TCP Vegas

Start at: 2018-08-01 07:51:21
End at: 2018-08-01 07:51:51
Local clock offset: 0.209 ms
Remote clock offset: -0.044 ms

Below is generated by plot.py at 2018-08-01 11:56:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 179.08 Mbit/s
95th percentile per-packet one-way delay: 96.964 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 133.01 Mbit/s
95th percentile per-packet one-way delay: 97.395 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 68.29 Mbit/s
95th percentile per-packet one-way delay: 89.574 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.77 Mbit/s
95th percentile per-packet one-way delay: 87.834 ms
Loss rate: 0.68%

Run 8: Report of TCP Vegas — Data Link

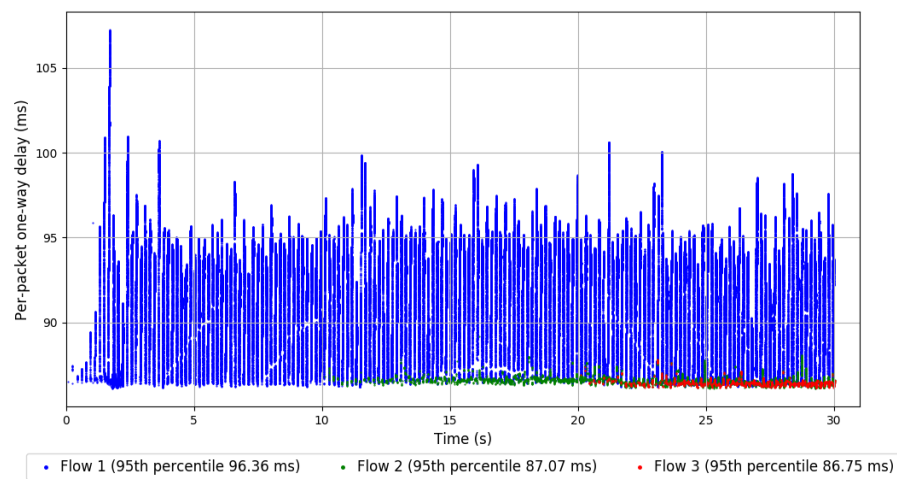
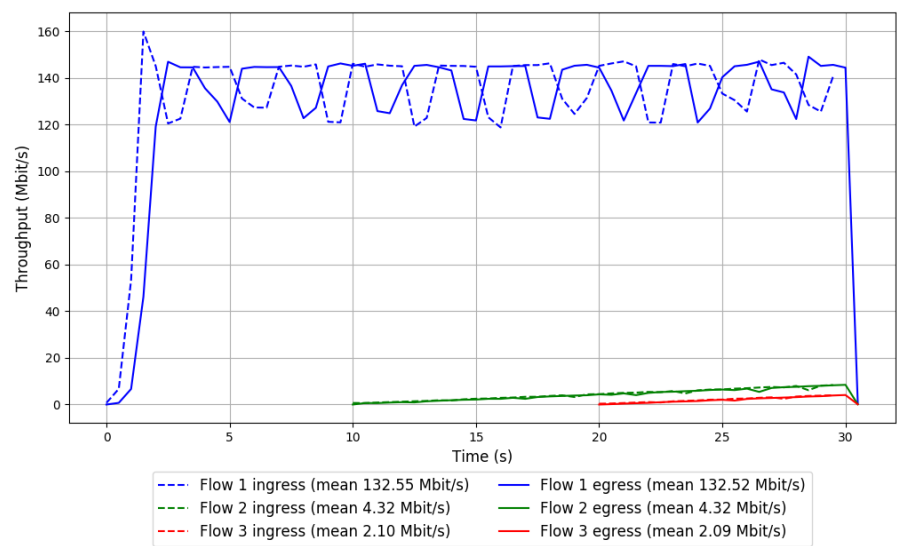


Run 9: Statistics of TCP Vegas

Start at: 2018-08-01 08:17:52
End at: 2018-08-01 08:18:22
Local clock offset: -0.006 ms
Remote clock offset: -0.066 ms

Below is generated by plot.py at 2018-08-01 11:56:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 135.91 Mbit/s
95th percentile per-packet one-way delay: 96.323 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 132.52 Mbit/s
95th percentile per-packet one-way delay: 96.356 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.32 Mbit/s
95th percentile per-packet one-way delay: 87.070 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 2.09 Mbit/s
95th percentile per-packet one-way delay: 86.755 ms
Loss rate: 0.40%

Run 9: Report of TCP Vegas — Data Link

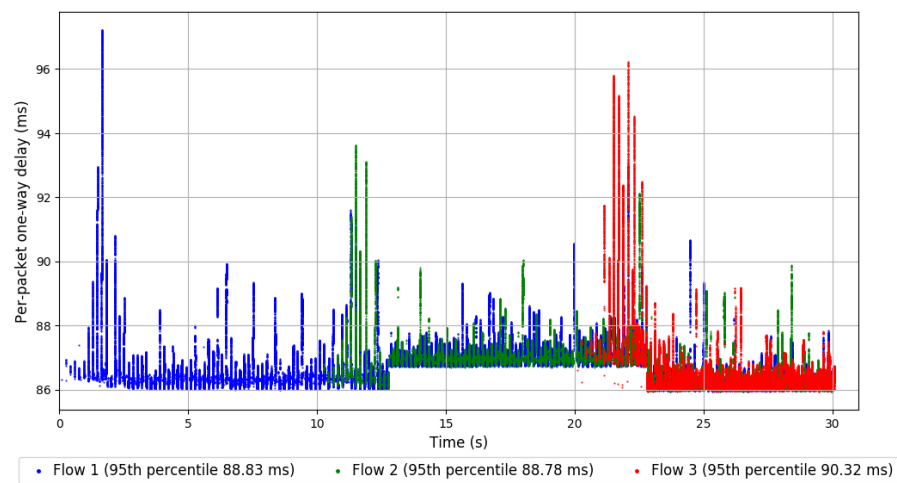
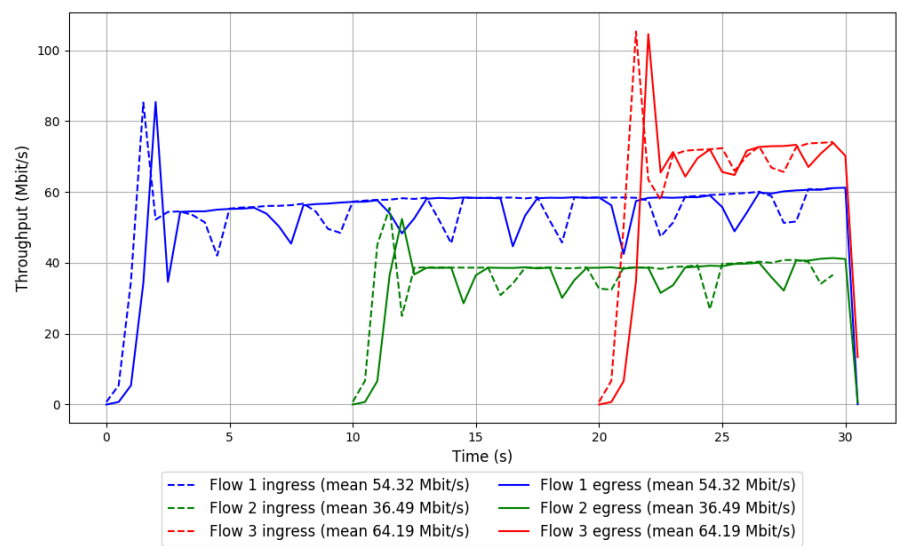


Run 10: Statistics of TCP Vegas

Start at: 2018-08-01 08:44:10
End at: 2018-08-01 08:44:40
Local clock offset: 0.07 ms
Remote clock offset: -0.062 ms

Below is generated by plot.py at 2018-08-01 11:56:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 99.89 Mbit/s
95th percentile per-packet one-way delay: 89.003 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 54.32 Mbit/s
95th percentile per-packet one-way delay: 88.832 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 36.49 Mbit/s
95th percentile per-packet one-way delay: 88.785 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 64.19 Mbit/s
95th percentile per-packet one-way delay: 90.317 ms
Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link

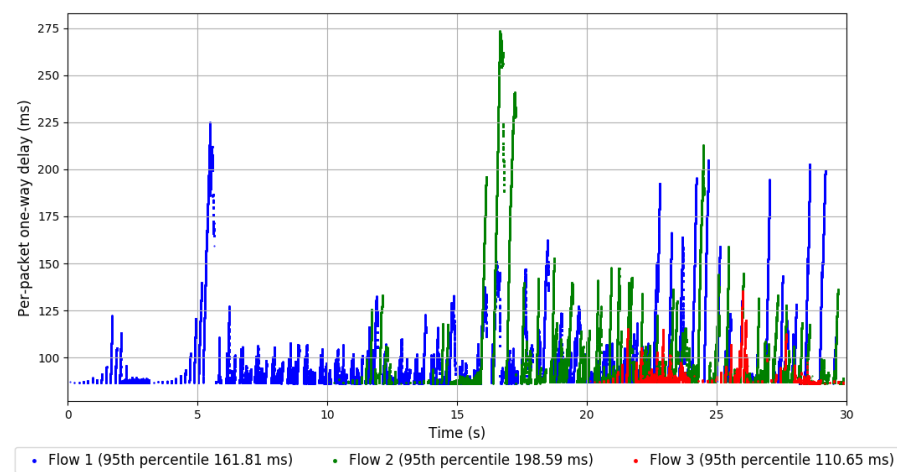
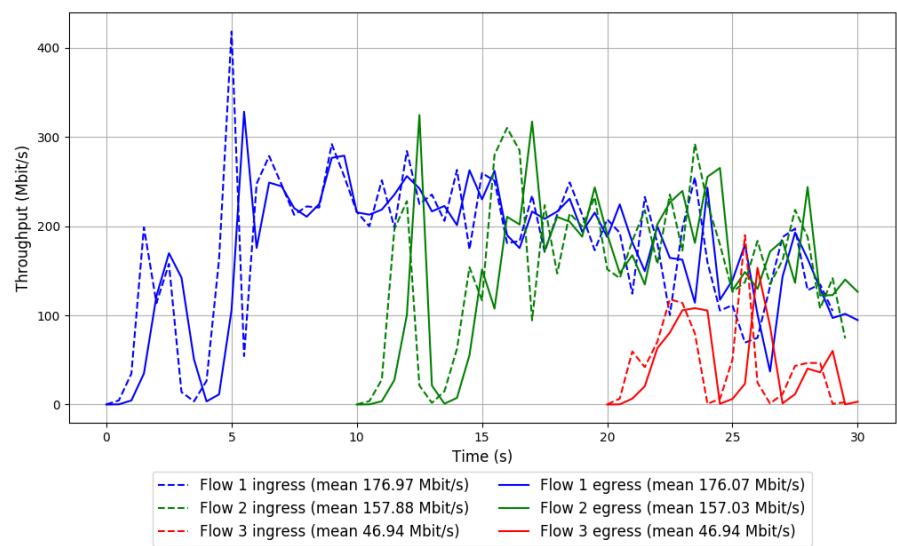


Run 1: Statistics of Verus

Start at: 2018-08-01 05:00:35
End at: 2018-08-01 05:01:05
Local clock offset: -0.077 ms
Remote clock offset: -0.108 ms

Below is generated by plot.py at 2018-08-01 11:56:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 294.18 Mbit/s
95th percentile per-packet one-way delay: 171.400 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 176.07 Mbit/s
95th percentile per-packet one-way delay: 161.811 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 157.03 Mbit/s
95th percentile per-packet one-way delay: 198.594 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 46.94 Mbit/s
95th percentile per-packet one-way delay: 110.649 ms
Loss rate: 0.00%

Run 1: Report of Verus — Data Link

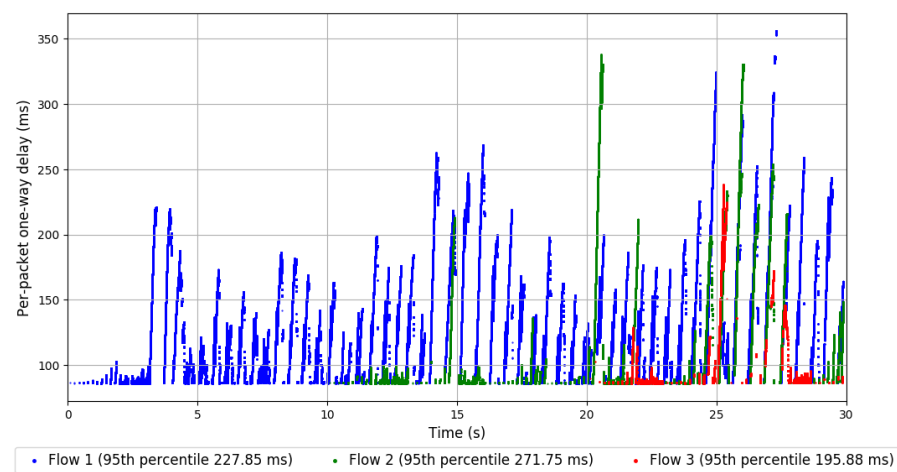
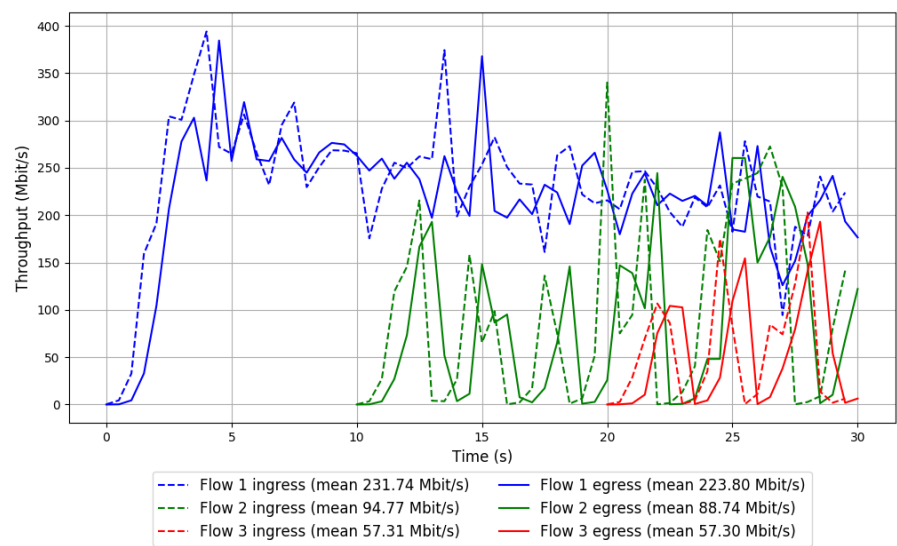


Run 2: Statistics of Verus

Start at: 2018-08-01 05:26:58
End at: 2018-08-01 05:27:28
Local clock offset: 0.062 ms
Remote clock offset: -0.106 ms

Below is generated by plot.py at 2018-08-01 11:56:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 301.42 Mbit/s
95th percentile per-packet one-way delay: 232.491 ms
Loss rate: 3.80%
-- Flow 1:
Average throughput: 223.80 Mbit/s
95th percentile per-packet one-way delay: 227.848 ms
Loss rate: 3.42%
-- Flow 2:
Average throughput: 88.74 Mbit/s
95th percentile per-packet one-way delay: 271.753 ms
Loss rate: 6.34%
-- Flow 3:
Average throughput: 57.30 Mbit/s
95th percentile per-packet one-way delay: 195.884 ms
Loss rate: 0.00%

Run 2: Report of Verus — Data Link

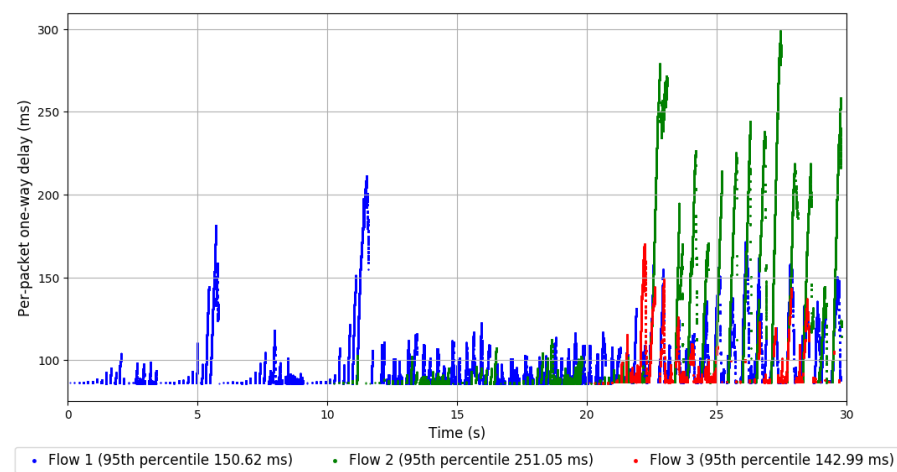
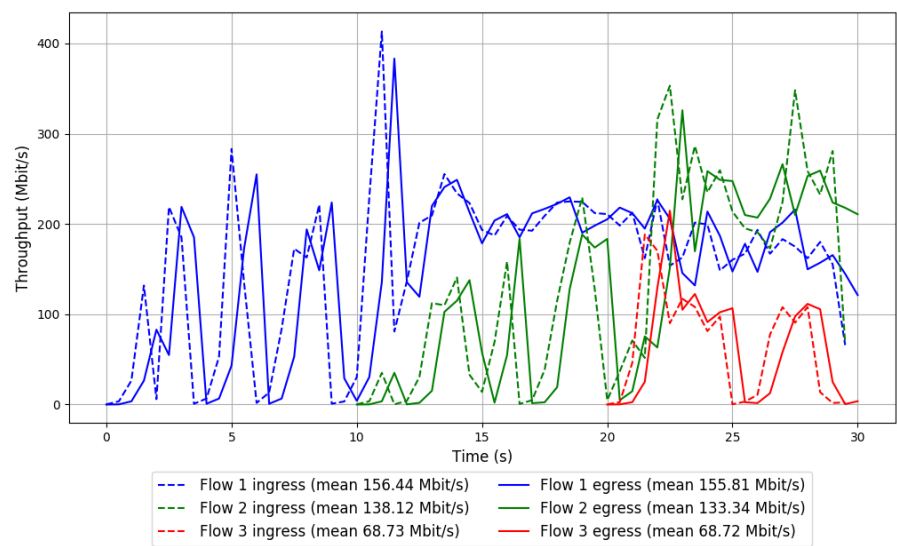


Run 3: Statistics of Verus

Start at: 2018-08-01 05:53:12
End at: 2018-08-01 05:53:42
Local clock offset: 0.01 ms
Remote clock offset: -0.146 ms

Below is generated by plot.py at 2018-08-01 11:57:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 266.24 Mbit/s
95th percentile per-packet one-way delay: 209.853 ms
Loss rate: 1.35%
-- Flow 1:
Average throughput: 155.81 Mbit/s
95th percentile per-packet one-way delay: 150.622 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 133.34 Mbit/s
95th percentile per-packet one-way delay: 251.047 ms
Loss rate: 3.32%
-- Flow 3:
Average throughput: 68.72 Mbit/s
95th percentile per-packet one-way delay: 142.988 ms
Loss rate: 0.00%

Run 3: Report of Verus — Data Link

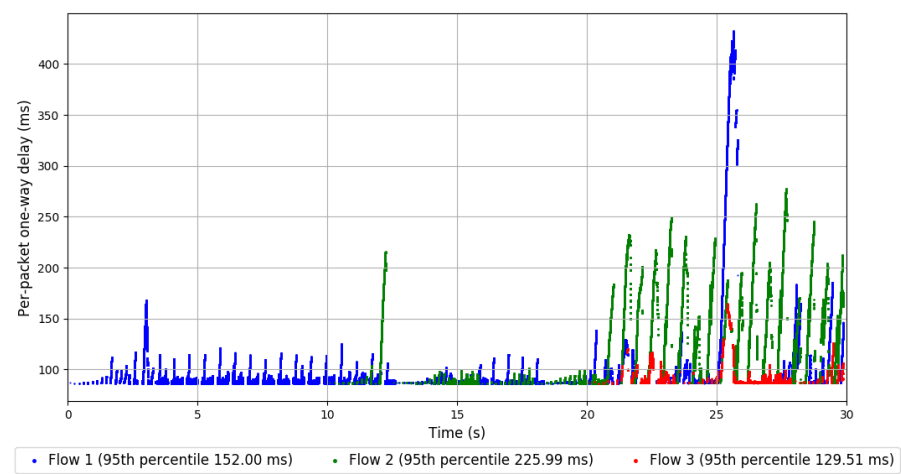
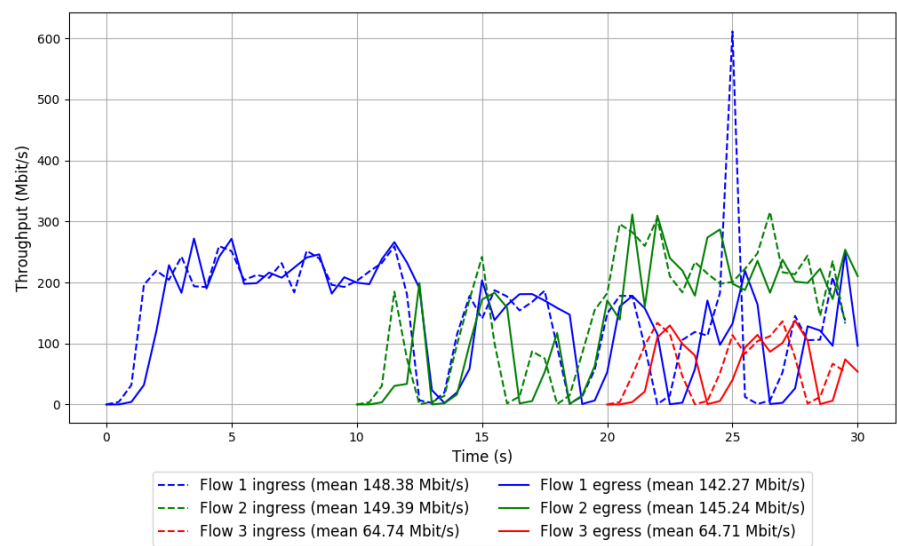


Run 4: Statistics of Verus

Start at: 2018-08-01 06:19:42
End at: 2018-08-01 06:20:12
Local clock offset: -0.033 ms
Remote clock offset: -0.107 ms

Below is generated by plot.py at 2018-08-01 11:57:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 259.91 Mbit/s
95th percentile per-packet one-way delay: 212.881 ms
Loss rate: 3.17%
-- Flow 1:
Average throughput: 142.27 Mbit/s
95th percentile per-packet one-way delay: 152.000 ms
Loss rate: 4.03%
-- Flow 2:
Average throughput: 145.24 Mbit/s
95th percentile per-packet one-way delay: 225.986 ms
Loss rate: 2.56%
-- Flow 3:
Average throughput: 64.71 Mbit/s
95th percentile per-packet one-way delay: 129.514 ms
Loss rate: 0.00%

Run 4: Report of Verus — Data Link

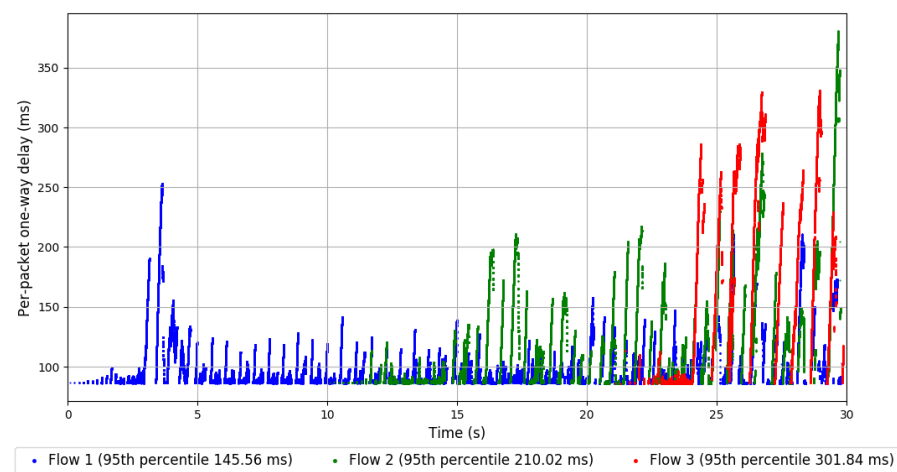
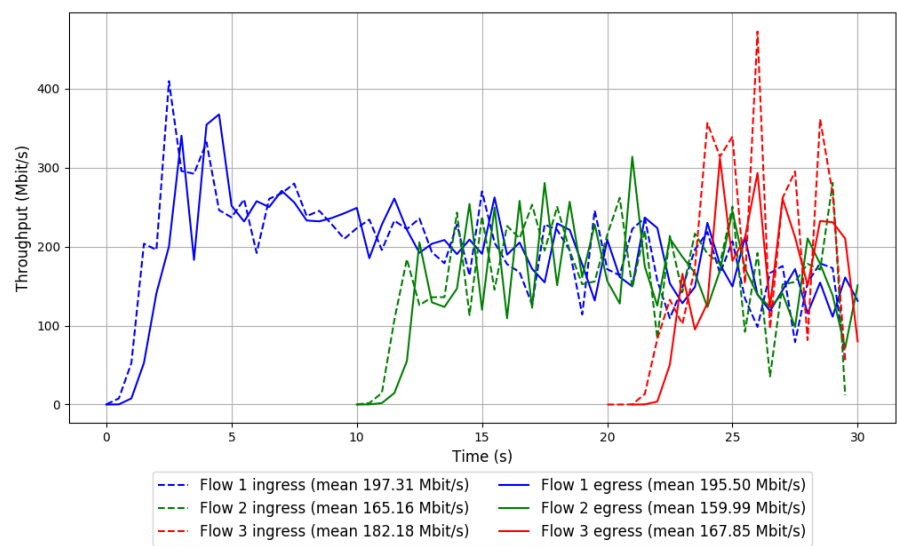


Run 5: Statistics of Verus

Start at: 2018-08-01 06:46:02
End at: 2018-08-01 06:46:32
Local clock offset: -0.006 ms
Remote clock offset: 0.004 ms

Below is generated by plot.py at 2018-08-01 11:59:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 350.14 Mbit/s
95th percentile per-packet one-way delay: 243.006 ms
Loss rate: 4.16%
-- Flow 1:
Average throughput: 195.50 Mbit/s
95th percentile per-packet one-way delay: 145.560 ms
Loss rate: 0.90%
-- Flow 2:
Average throughput: 159.99 Mbit/s
95th percentile per-packet one-way delay: 210.024 ms
Loss rate: 2.82%
-- Flow 3:
Average throughput: 167.85 Mbit/s
95th percentile per-packet one-way delay: 301.844 ms
Loss rate: 17.31%

Run 5: Report of Verus — Data Link

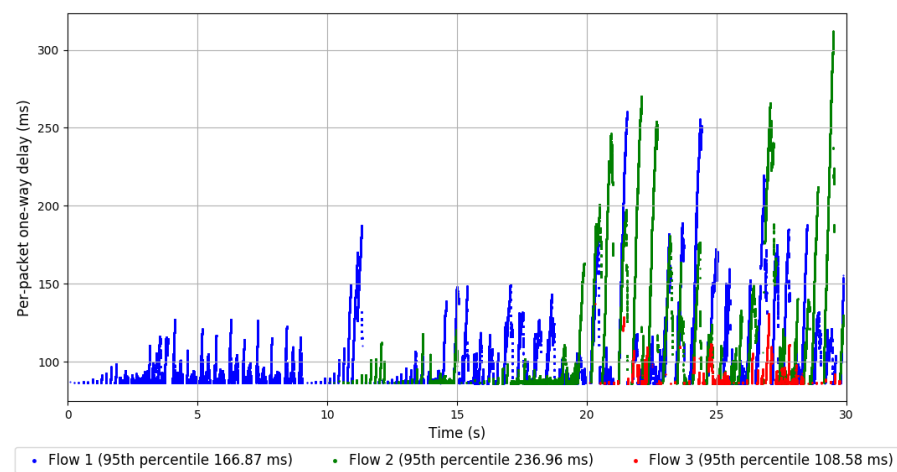
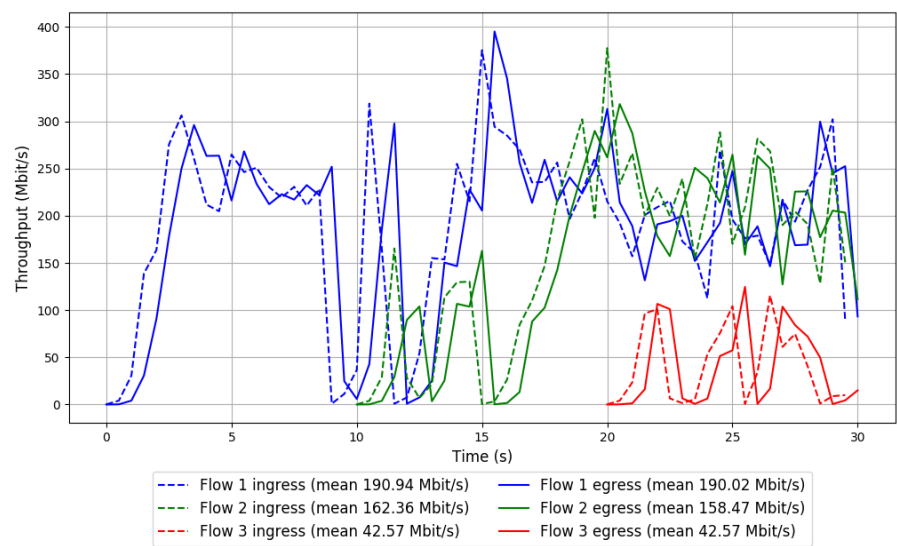


Run 6: Statistics of Verus

Start at: 2018-08-01 07:12:37
End at: 2018-08-01 07:13:07
Local clock offset: 0.065 ms
Remote clock offset: -0.053 ms

Below is generated by plot.py at 2018-08-01 11:59:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 308.99 Mbit/s
95th percentile per-packet one-way delay: 194.770 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 190.02 Mbit/s
95th percentile per-packet one-way delay: 166.871 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 158.47 Mbit/s
95th percentile per-packet one-way delay: 236.960 ms
Loss rate: 2.39%
-- Flow 3:
Average throughput: 42.57 Mbit/s
95th percentile per-packet one-way delay: 108.585 ms
Loss rate: 0.00%

Run 6: Report of Verus — Data Link

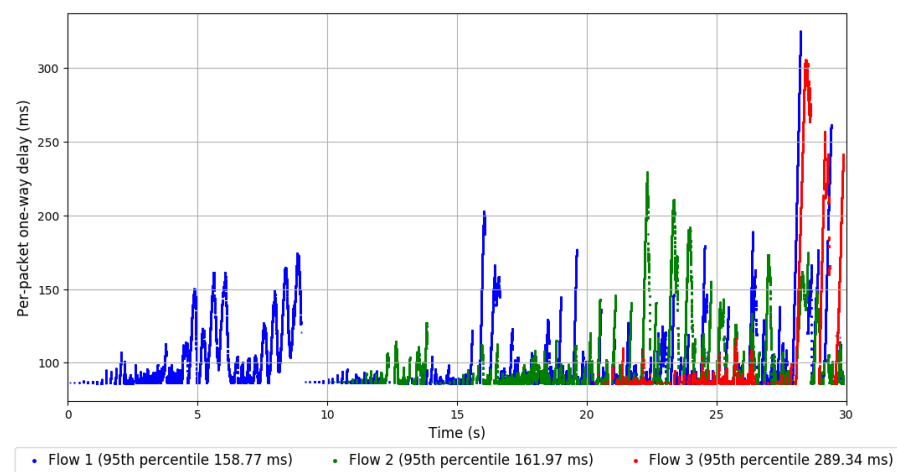
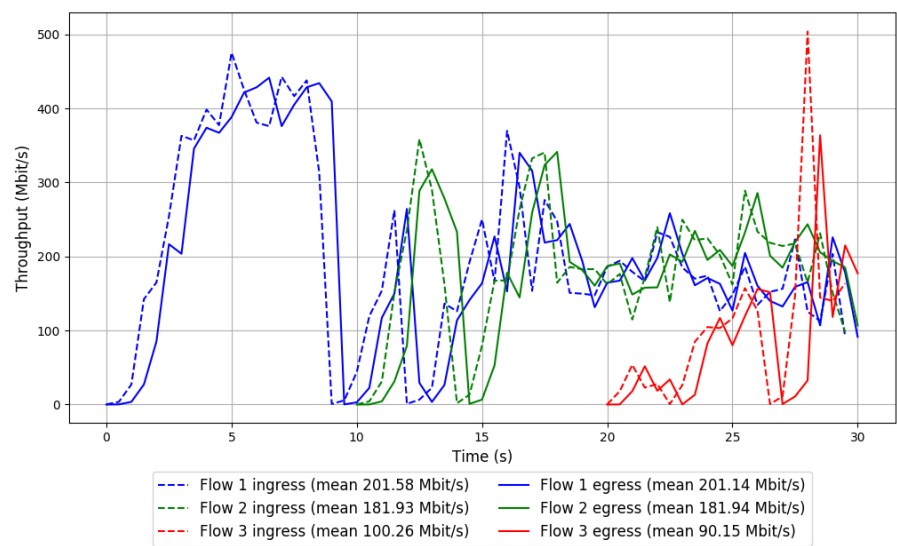


Run 7: Statistics of Verus

Start at: 2018-08-01 07:39:00
End at: 2018-08-01 07:39:30
Local clock offset: -0.072 ms
Remote clock offset: -0.063 ms

Below is generated by plot.py at 2018-08-01 12:02:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 351.48 Mbit/s
95th percentile per-packet one-way delay: 174.266 ms
Loss rate: 1.03%
-- Flow 1:
Average throughput: 201.14 Mbit/s
95th percentile per-packet one-way delay: 158.771 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 181.94 Mbit/s
95th percentile per-packet one-way delay: 161.968 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 90.15 Mbit/s
95th percentile per-packet one-way delay: 289.341 ms
Loss rate: 9.85%

Run 7: Report of Verus — Data Link

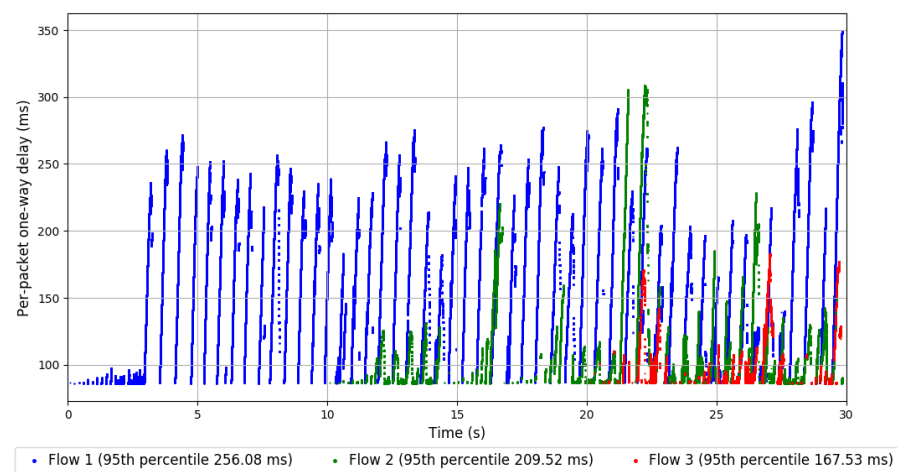
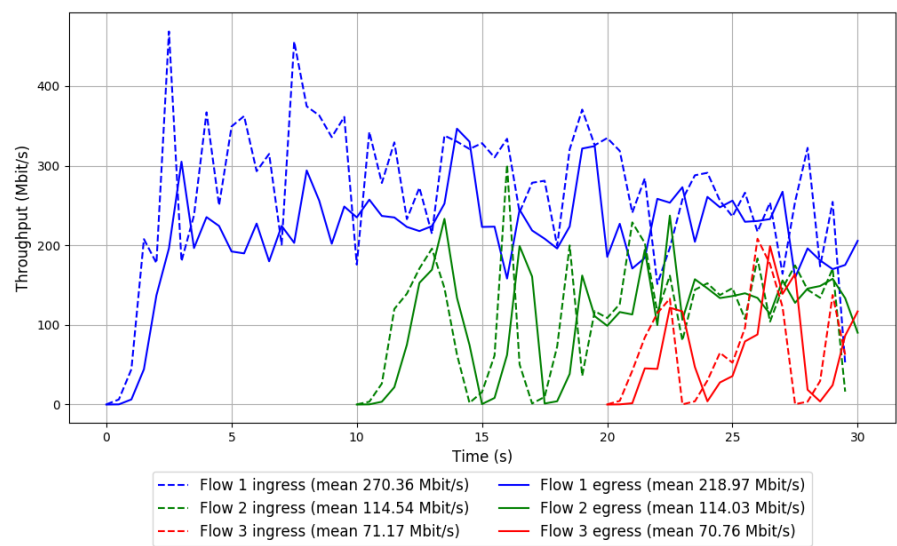


Run 8: Statistics of Verus

Start at: 2018-08-01 08:05:26
End at: 2018-08-01 08:05:56
Local clock offset: 0.14 ms
Remote clock offset: -0.041 ms

Below is generated by plot.py at 2018-08-01 12:02:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 317.50 Mbit/s
95th percentile per-packet one-way delay: 253.226 ms
Loss rate: 13.61%
-- Flow 1:
Average throughput: 218.97 Mbit/s
95th percentile per-packet one-way delay: 256.083 ms
Loss rate: 18.48%
-- Flow 2:
Average throughput: 114.03 Mbit/s
95th percentile per-packet one-way delay: 209.519 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 70.76 Mbit/s
95th percentile per-packet one-way delay: 167.525 ms
Loss rate: 0.25%

Run 8: Report of Verus — Data Link

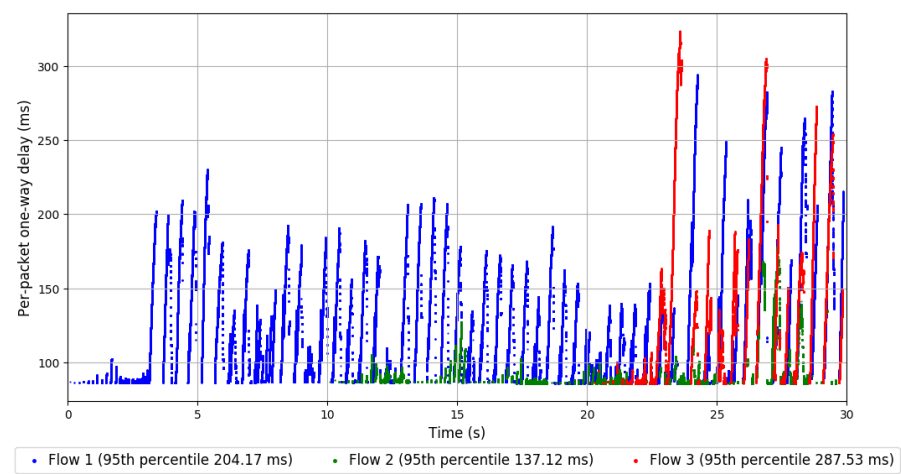
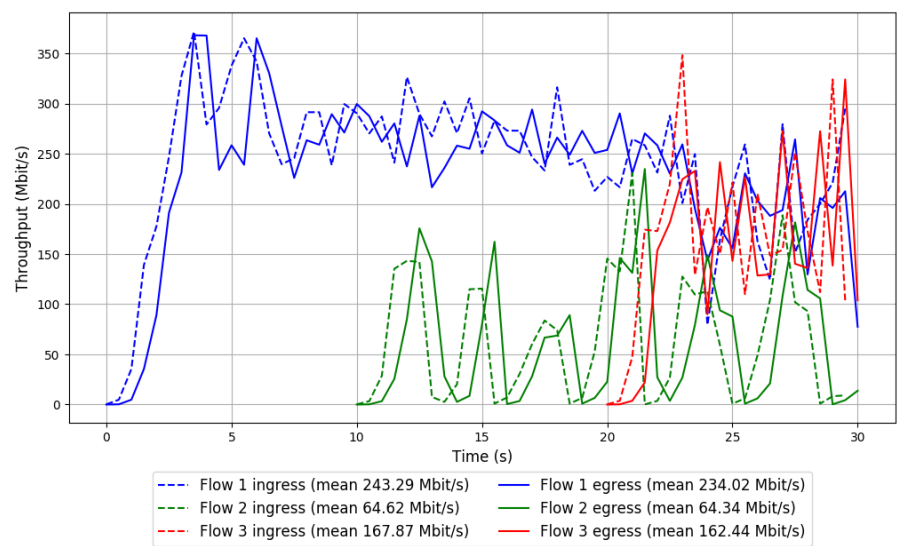


Run 9: Statistics of Verus

Start at: 2018-08-01 08:31:46
End at: 2018-08-01 08:32:16
Local clock offset: 0.124 ms
Remote clock offset: -0.097 ms

Below is generated by plot.py at 2018-08-01 12:02:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 329.73 Mbit/s
95th percentile per-packet one-way delay: 212.975 ms
Loss rate: 3.17%
-- Flow 1:
Average throughput: 234.02 Mbit/s
95th percentile per-packet one-way delay: 204.167 ms
Loss rate: 3.81%
-- Flow 2:
Average throughput: 64.34 Mbit/s
95th percentile per-packet one-way delay: 137.116 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 162.44 Mbit/s
95th percentile per-packet one-way delay: 287.531 ms
Loss rate: 2.61%

Run 9: Report of Verus — Data Link

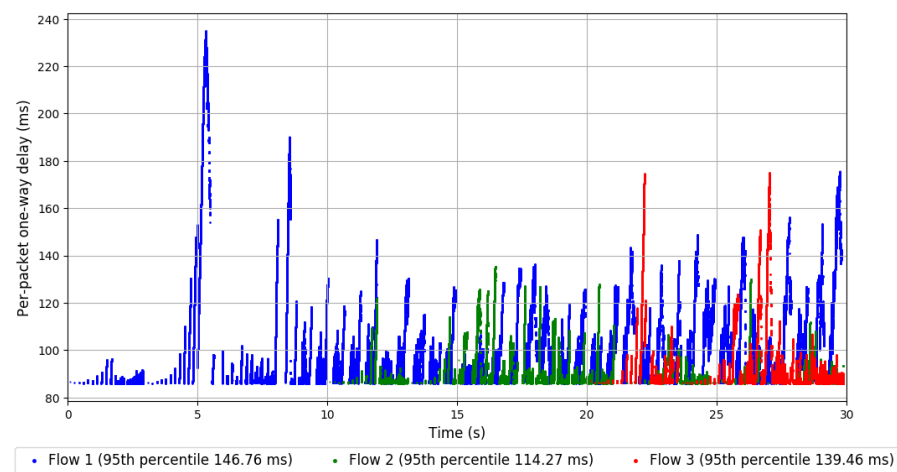
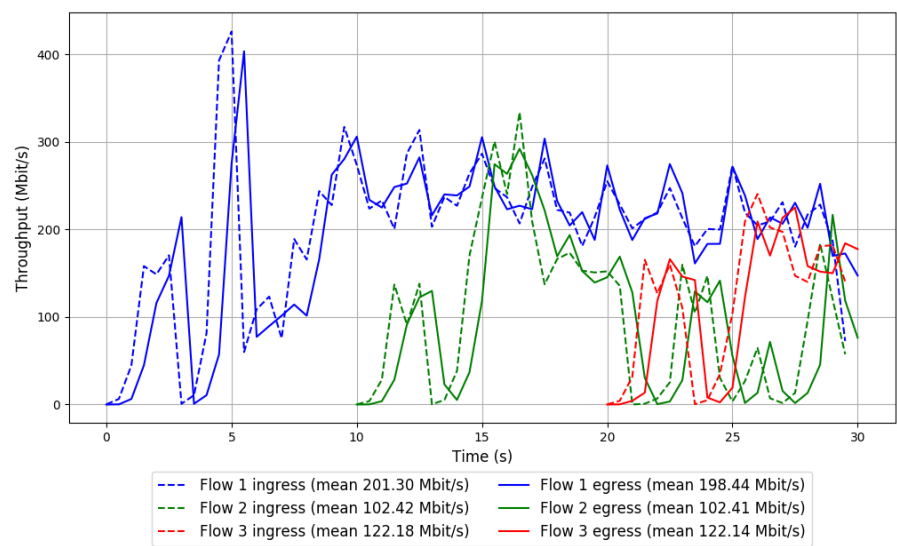


Run 10: Statistics of Verus

Start at: 2018-08-01 08:58:13
End at: 2018-08-01 08:58:43
Local clock offset: 0.228 ms
Remote clock offset: -0.063 ms

Below is generated by plot.py at 2018-08-01 12:02:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 305.90 Mbit/s
95th percentile per-packet one-way delay: 141.016 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 198.44 Mbit/s
95th percentile per-packet one-way delay: 146.765 ms
Loss rate: 1.24%
-- Flow 2:
Average throughput: 102.41 Mbit/s
95th percentile per-packet one-way delay: 114.265 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 122.14 Mbit/s
95th percentile per-packet one-way delay: 139.460 ms
Loss rate: 0.02%

Run 10: Report of Verus — Data Link

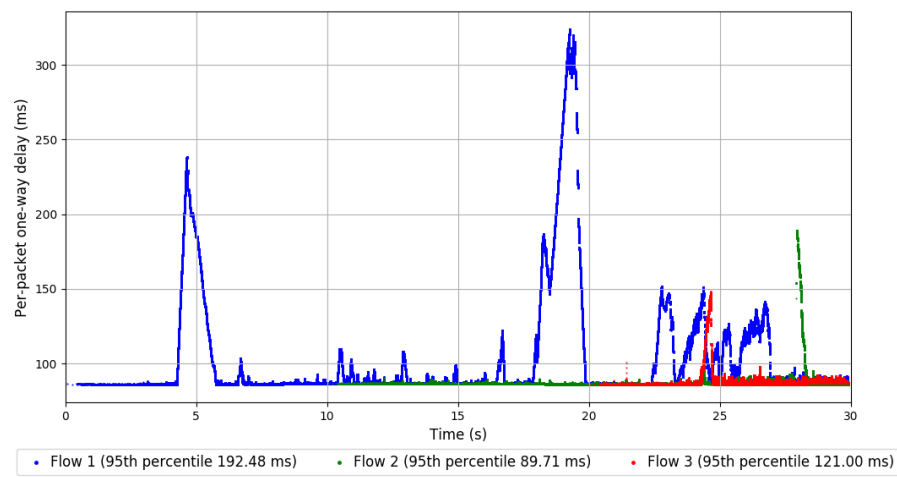
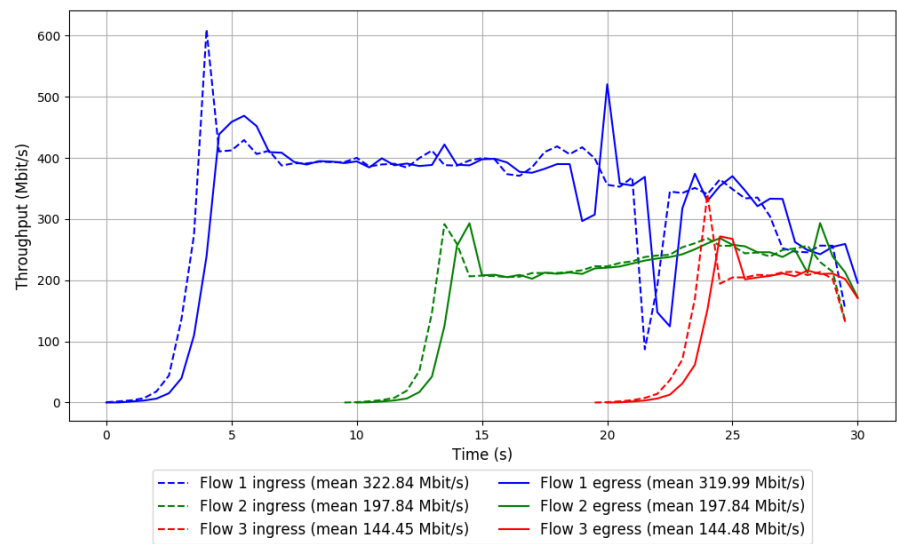


Run 1: Statistics of PCC-Vivace

Start at: 2018-08-01 04:47:55
End at: 2018-08-01 04:48:25
Local clock offset: 0.227 ms
Remote clock offset: -0.089 ms

Below is generated by plot.py at 2018-08-01 12:05:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 499.35 Mbit/s
95th percentile per-packet one-way delay: 170.550 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 319.99 Mbit/s
95th percentile per-packet one-way delay: 192.477 ms
Loss rate: 0.98%
-- Flow 2:
Average throughput: 197.84 Mbit/s
95th percentile per-packet one-way delay: 89.711 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 144.48 Mbit/s
95th percentile per-packet one-way delay: 121.002 ms
Loss rate: 0.00%

Run 1: Report of PCC-Vivace — Data Link

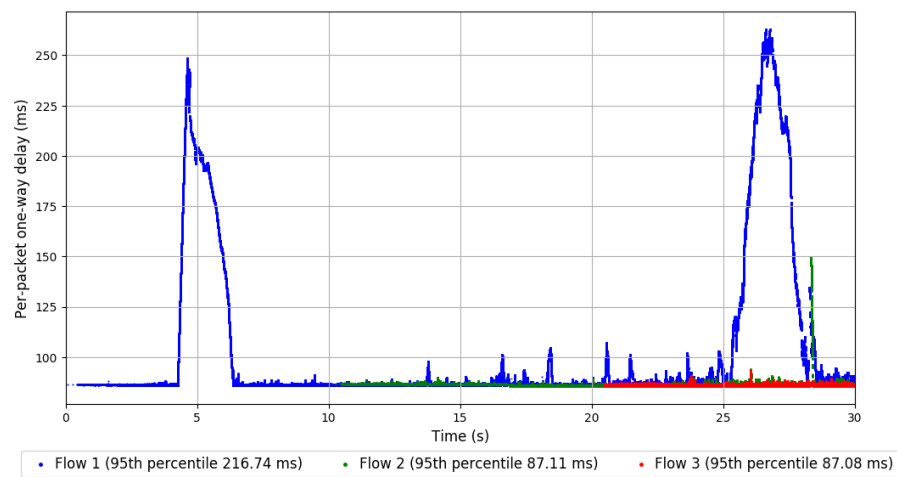
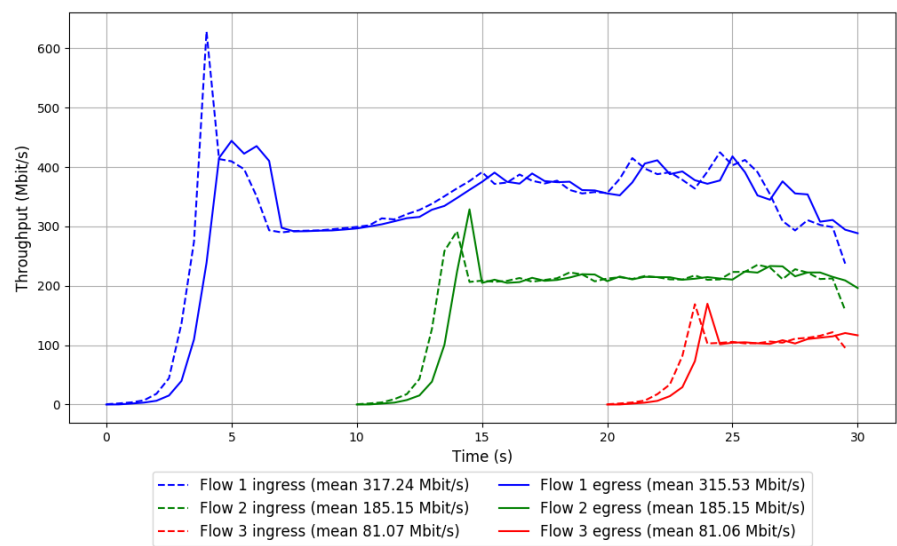


Run 2: Statistics of PCC-Vivace

Start at: 2018-08-01 05:14:16
End at: 2018-08-01 05:14:46
Local clock offset: 0.27 ms
Remote clock offset: -0.141 ms

Below is generated by plot.py at 2018-08-01 12:05:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 465.37 Mbit/s
95th percentile per-packet one-way delay: 203.134 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 315.53 Mbit/s
95th percentile per-packet one-way delay: 216.741 ms
Loss rate: 0.54%
-- Flow 2:
Average throughput: 185.15 Mbit/s
95th percentile per-packet one-way delay: 87.106 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 81.06 Mbit/s
95th percentile per-packet one-way delay: 87.080 ms
Loss rate: 0.02%

Run 2: Report of PCC-Vivace — Data Link

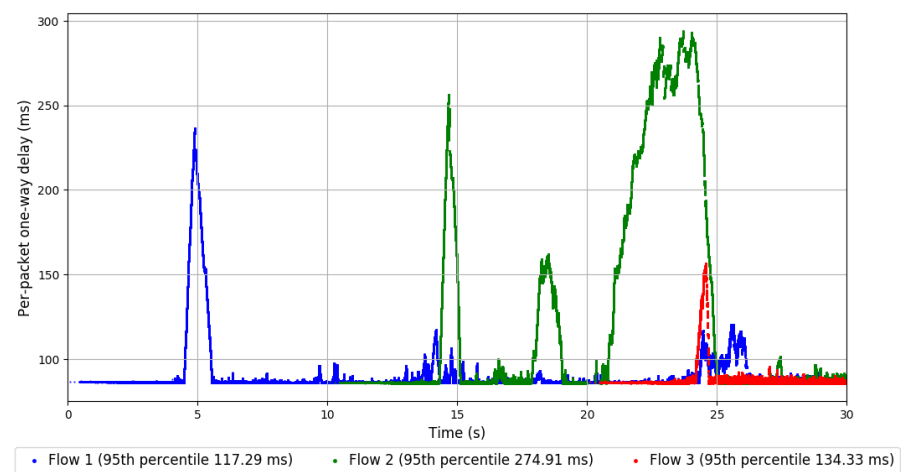
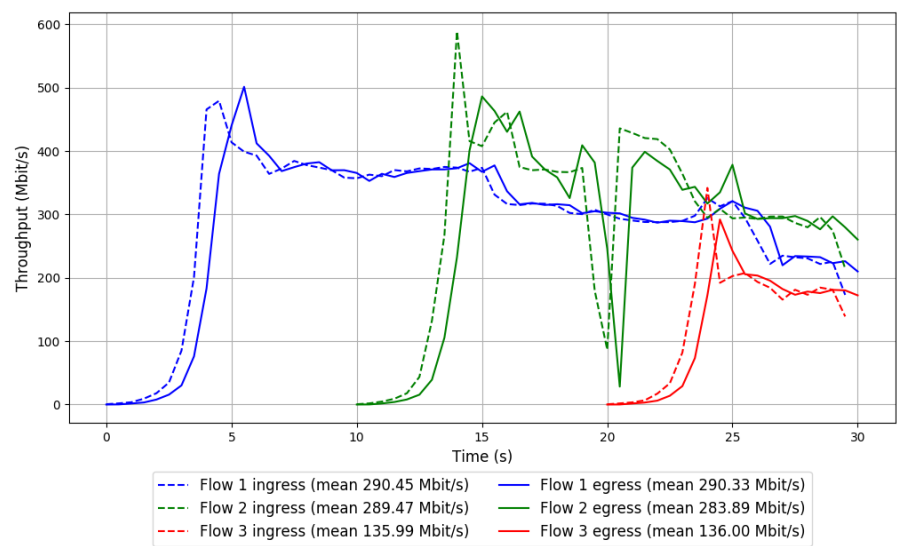


Run 3: Statistics of PCC-Vivace

Start at: 2018-08-01 05:40:35
End at: 2018-08-01 05:41:05
Local clock offset: 0.151 ms
Remote clock offset: -0.087 ms

Below is generated by plot.py at 2018-08-01 12:09:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 523.94 Mbit/s
95th percentile per-packet one-way delay: 235.886 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 290.33 Mbit/s
95th percentile per-packet one-way delay: 117.291 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 283.89 Mbit/s
95th percentile per-packet one-way delay: 274.911 ms
Loss rate: 1.92%
-- Flow 3:
Average throughput: 136.00 Mbit/s
95th percentile per-packet one-way delay: 134.329 ms
Loss rate: 0.00%

Run 3: Report of PCC-Vivace — Data Link

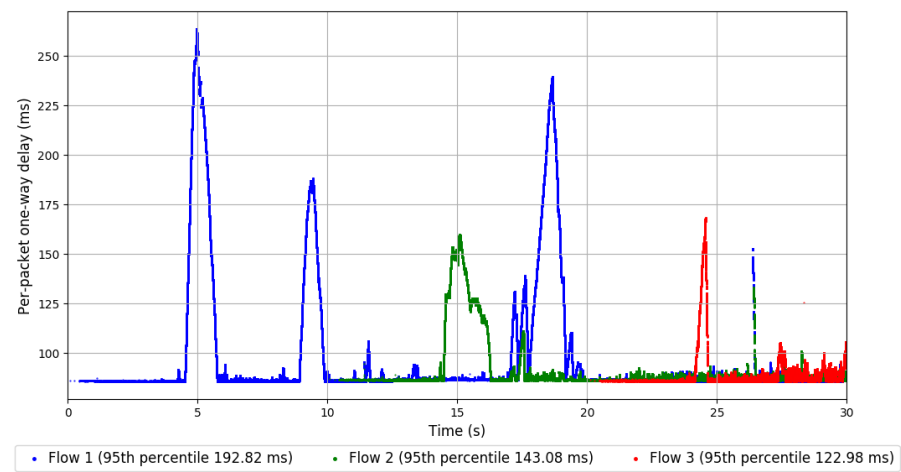
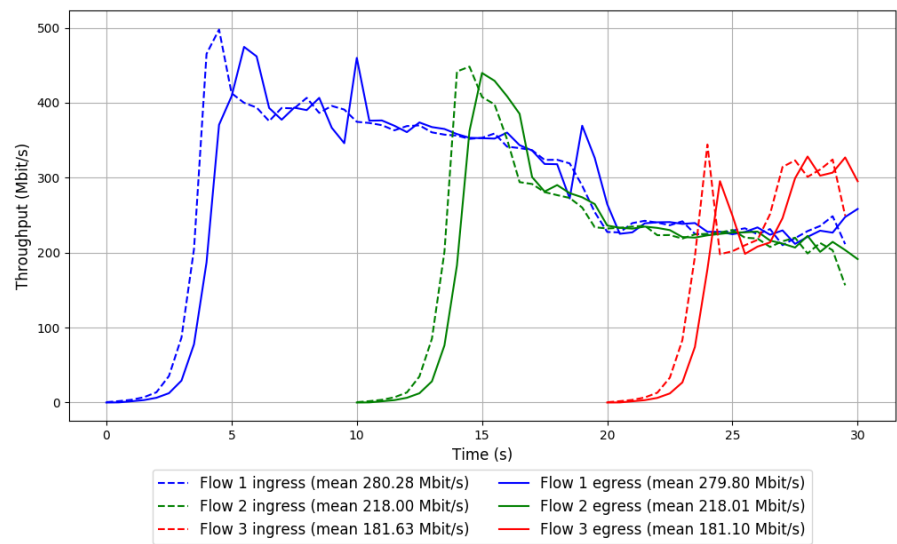


Run 4: Statistics of PCC-Vivace

Start at: 2018-08-01 06:07:01
End at: 2018-08-01 06:07:31
Local clock offset: 0.162 ms
Remote clock offset: -0.119 ms

Below is generated by plot.py at 2018-08-01 12:09:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 484.57 Mbit/s
95th percentile per-packet one-way delay: 164.289 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 279.80 Mbit/s
95th percentile per-packet one-way delay: 192.816 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 218.01 Mbit/s
95th percentile per-packet one-way delay: 143.084 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 181.10 Mbit/s
95th percentile per-packet one-way delay: 122.979 ms
Loss rate: 0.29%

Run 4: Report of PCC-Vivace — Data Link

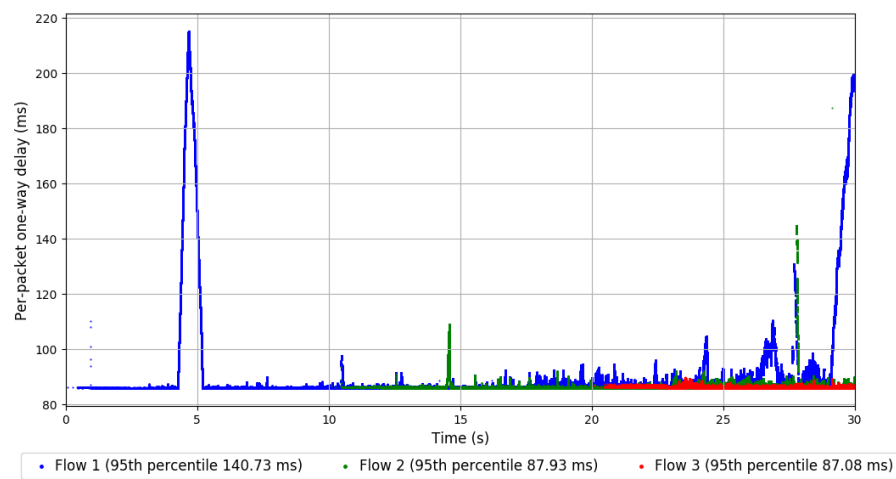
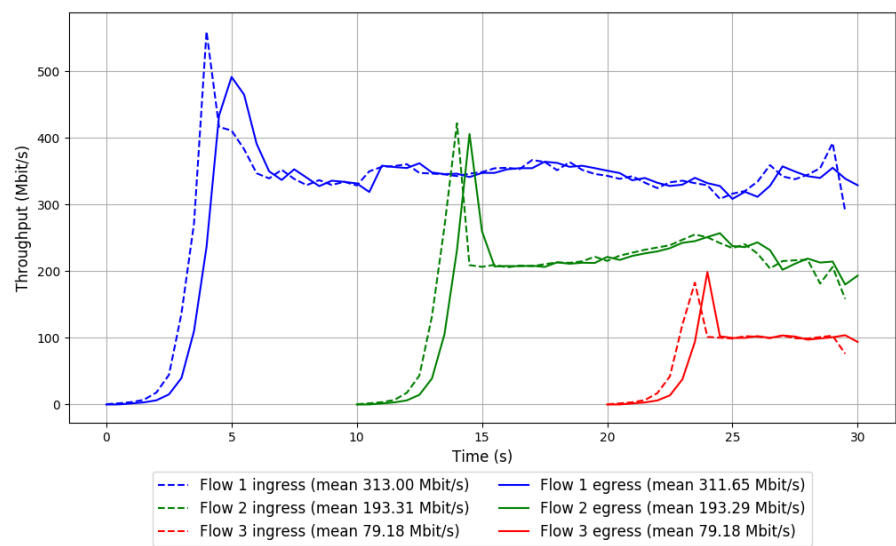


Run 5: Statistics of PCC-Vivace

Start at: 2018-08-01 06:33:23
End at: 2018-08-01 06:33:53
Local clock offset: 0.11 ms
Remote clock offset: -0.008 ms

Below is generated by plot.py at 2018-08-01 12:10:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 466.30 Mbit/s
95th percentile per-packet one-way delay: 111.433 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 311.65 Mbit/s
95th percentile per-packet one-way delay: 140.727 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 193.29 Mbit/s
95th percentile per-packet one-way delay: 87.926 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 79.18 Mbit/s
95th percentile per-packet one-way delay: 87.080 ms
Loss rate: 0.00%

Run 5: Report of PCC-Vivace — Data Link

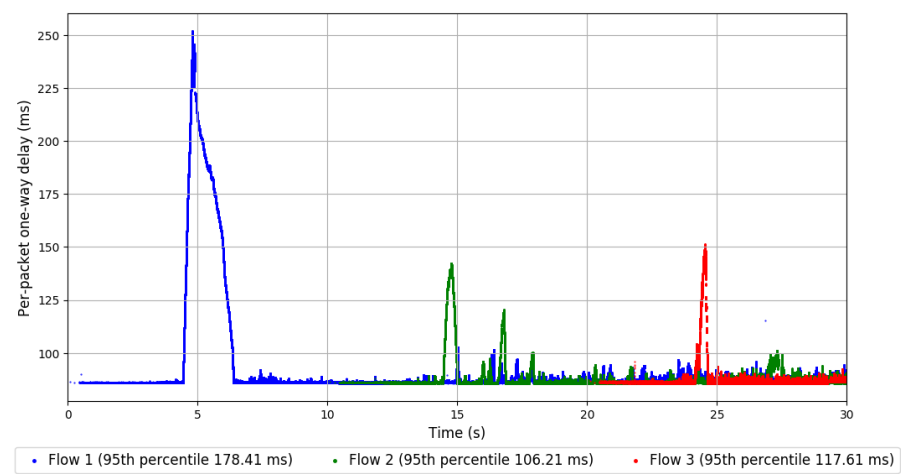
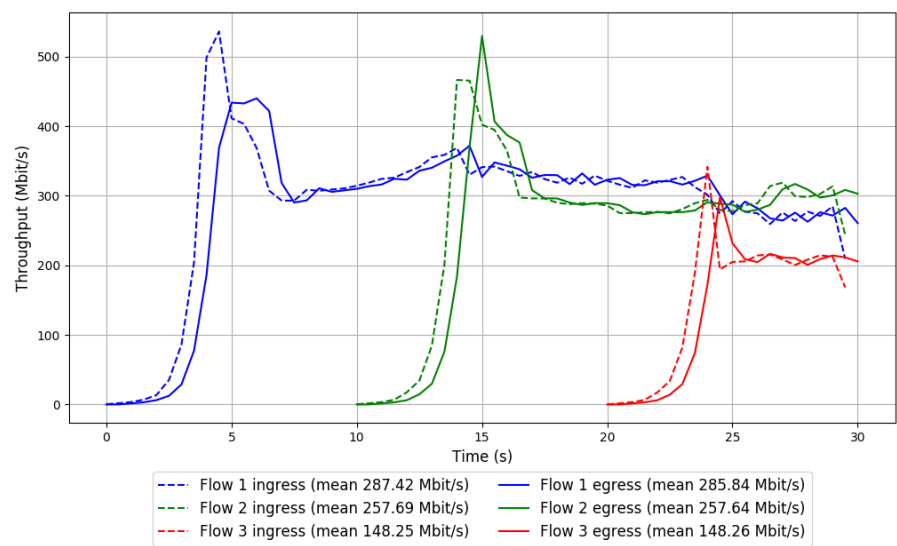


Run 6: Statistics of PCC-Vivace

Start at: 2018-08-01 06:59:43
End at: 2018-08-01 07:00:13
Local clock offset: 0.107 ms
Remote clock offset: -0.085 ms

Below is generated by plot.py at 2018-08-01 12:10:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 506.03 Mbit/s
95th percentile per-packet one-way delay: 136.219 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 285.84 Mbit/s
95th percentile per-packet one-way delay: 178.414 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 257.64 Mbit/s
95th percentile per-packet one-way delay: 106.213 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 148.26 Mbit/s
95th percentile per-packet one-way delay: 117.610 ms
Loss rate: 0.00%

Run 6: Report of PCC-Vivace — Data Link

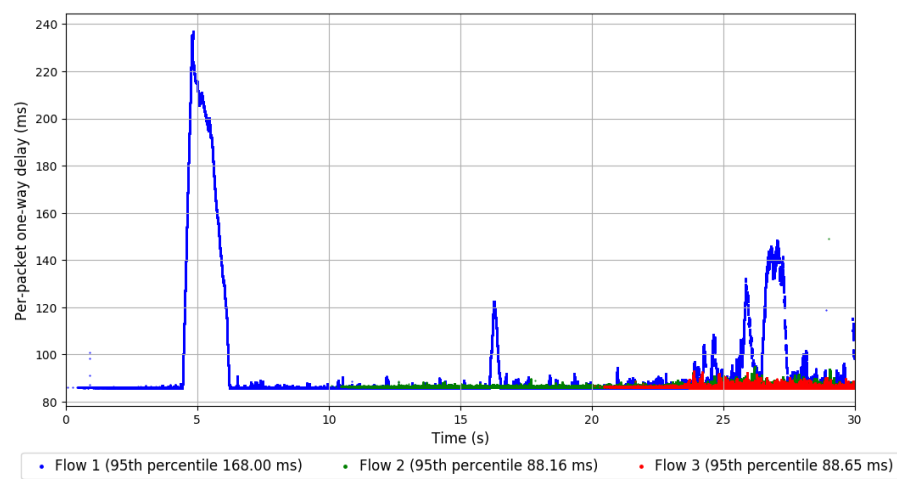
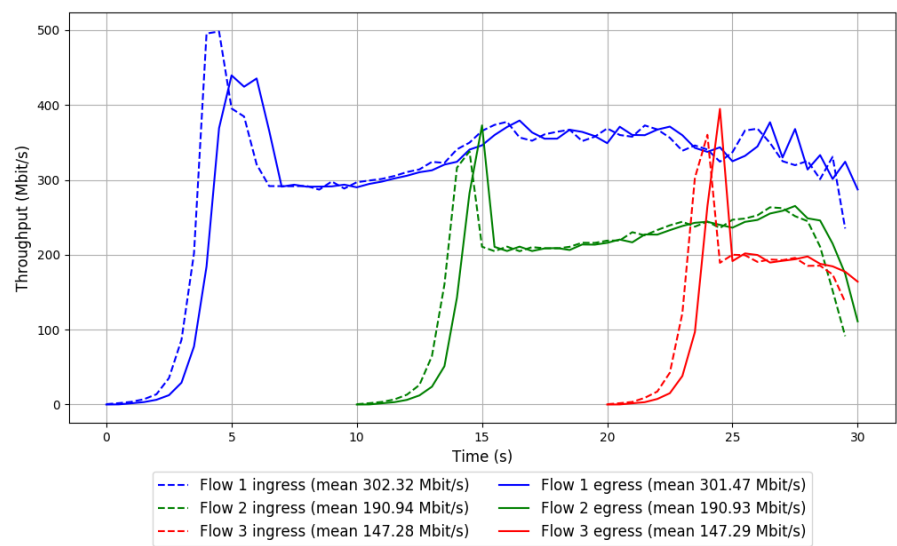


Run 7: Statistics of PCC-Vivace

Start at: 2018-08-01 07:26:19
End at: 2018-08-01 07:26:49
Local clock offset: 0.141 ms
Remote clock offset: -0.084 ms

Below is generated by plot.py at 2018-08-01 12:10:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 476.96 Mbit/s
95th percentile per-packet one-way delay: 139.090 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 301.47 Mbit/s
95th percentile per-packet one-way delay: 168.002 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 190.93 Mbit/s
95th percentile per-packet one-way delay: 88.161 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 147.29 Mbit/s
95th percentile per-packet one-way delay: 88.647 ms
Loss rate: 0.00%

Run 7: Report of PCC-Vivace — Data Link

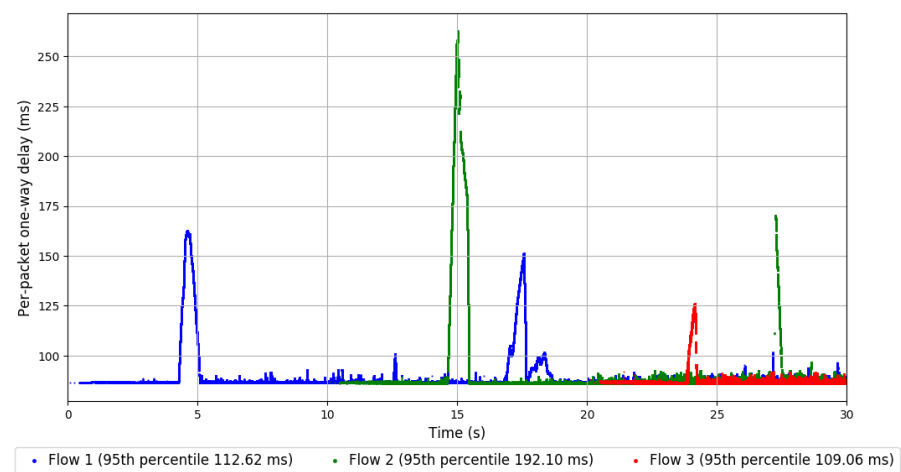
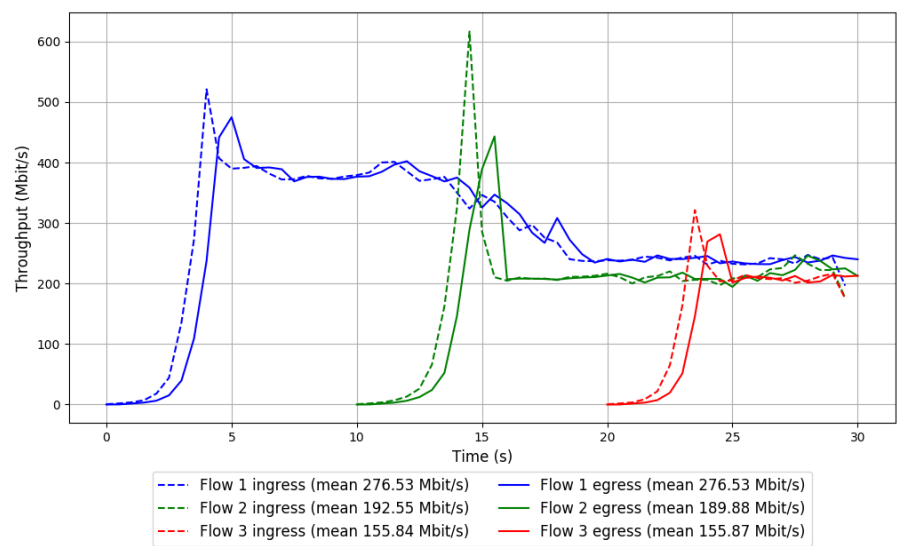


Run 8: Statistics of PCC-Vivace

Start at: 2018-08-01 07:52:42
End at: 2018-08-01 07:53:12
Local clock offset: 0.049 ms
Remote clock offset: -0.011 ms

```
# Below is generated by plot.py at 2018-08-01 12:10:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 454.20 Mbit/s
95th percentile per-packet one-way delay: 125.226 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 276.53 Mbit/s
95th percentile per-packet one-way delay: 112.622 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 189.88 Mbit/s
95th percentile per-packet one-way delay: 192.103 ms
Loss rate: 1.39%
-- Flow 3:
Average throughput: 155.87 Mbit/s
95th percentile per-packet one-way delay: 109.065 ms
Loss rate: 0.00%
```

Run 8: Report of PCC-Vivace — Data Link

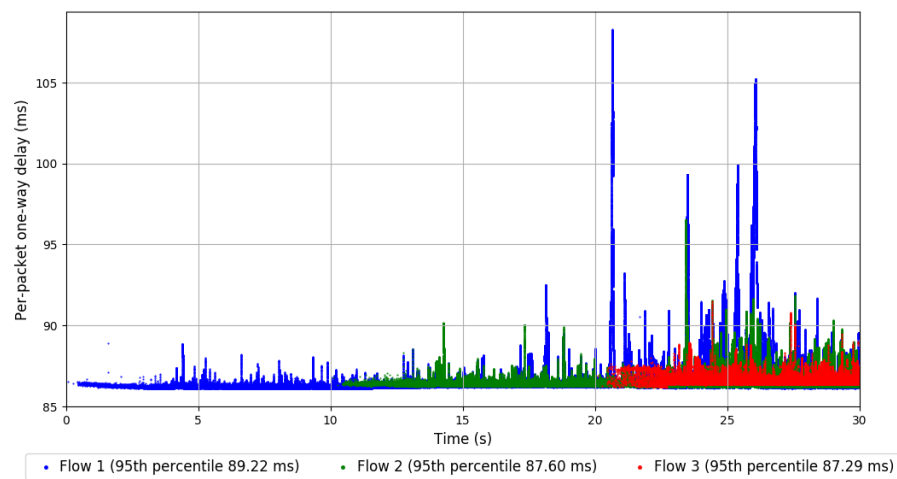
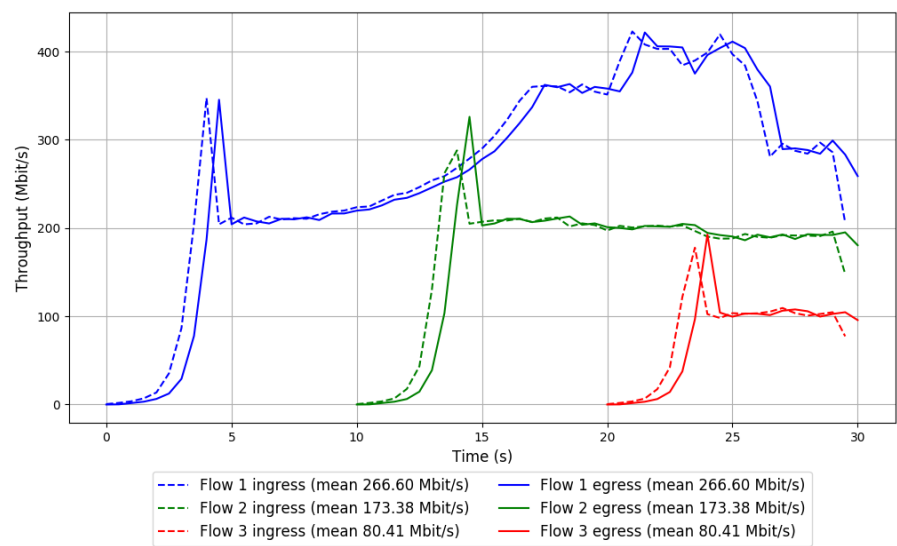


Run 9: Statistics of PCC-Vivace

Start at: 2018-08-01 08:19:10
End at: 2018-08-01 08:19:40
Local clock offset: -0.15 ms
Remote clock offset: -0.041 ms

Below is generated by plot.py at 2018-08-01 12:11:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 408.41 Mbit/s
95th percentile per-packet one-way delay: 88.409 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 266.60 Mbit/s
95th percentile per-packet one-way delay: 89.218 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 173.38 Mbit/s
95th percentile per-packet one-way delay: 87.599 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 80.41 Mbit/s
95th percentile per-packet one-way delay: 87.291 ms
Loss rate: 0.00%

Run 9: Report of PCC-Vivace — Data Link

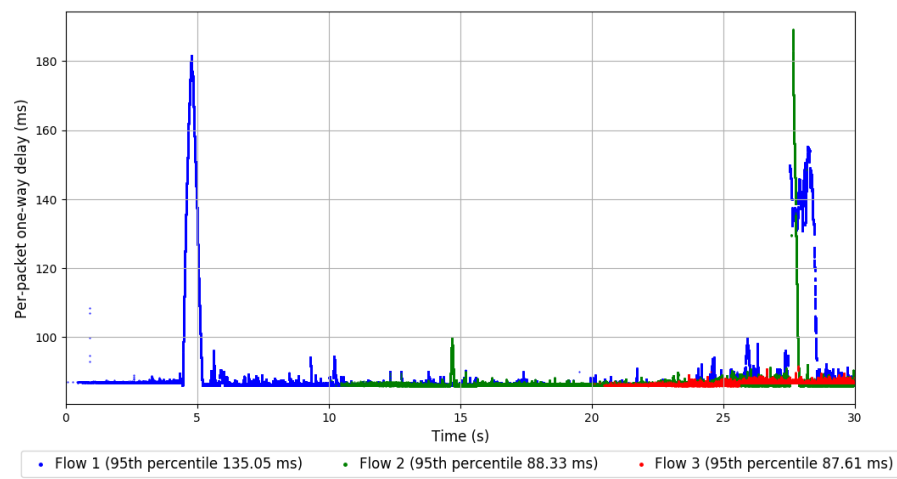
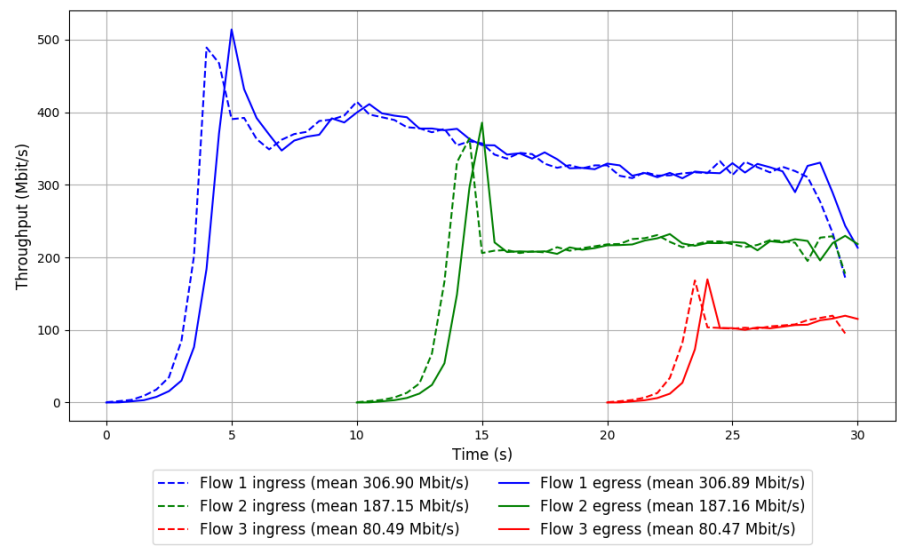


Run 10: Statistics of PCC-Vivace

Start at: 2018-08-01 08:45:28
End at: 2018-08-01 08:45:58
Local clock offset: 0.121 ms
Remote clock offset: -0.053 ms

Below is generated by plot.py at 2018-08-01 12:11:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 457.88 Mbit/s
95th percentile per-packet one-way delay: 108.378 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 306.89 Mbit/s
95th percentile per-packet one-way delay: 135.047 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 187.16 Mbit/s
95th percentile per-packet one-way delay: 88.331 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 80.47 Mbit/s
95th percentile per-packet one-way delay: 87.614 ms
Loss rate: 0.00%

Run 10: Report of PCC-Vivace — Data Link

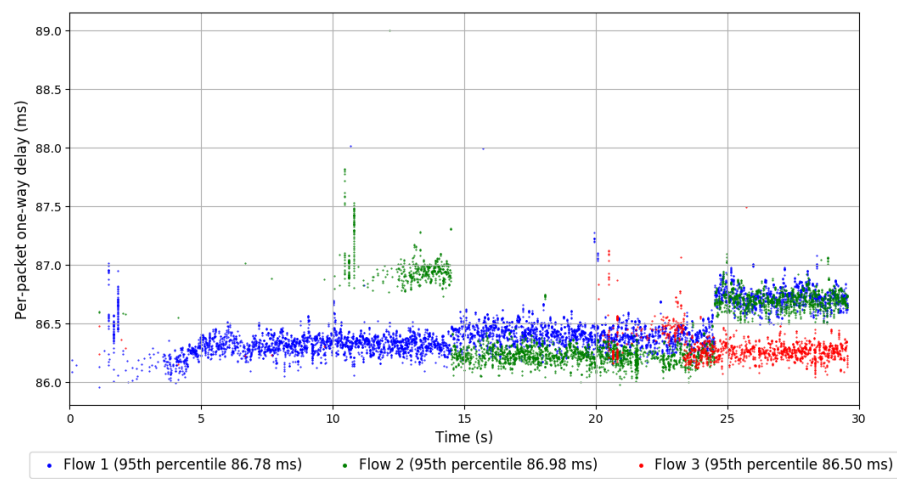
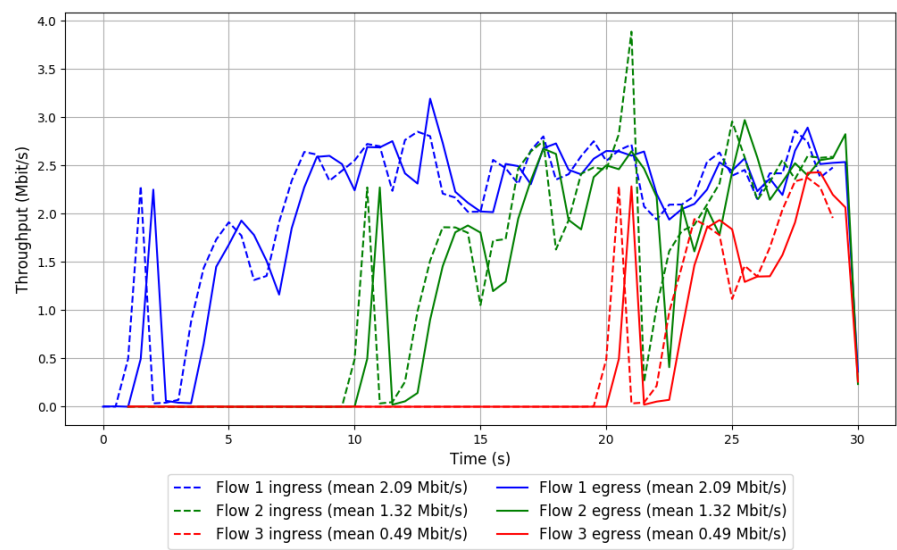


Run 1: Statistics of WebRTC media

Start at: 2018-08-01 04:41:08
End at: 2018-08-01 04:41:38
Local clock offset: 0.092 ms
Remote clock offset: -0.059 ms

Below is generated by plot.py at 2018-08-01 12:11:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.83 Mbit/s
95th percentile per-packet one-way delay: 86.864 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.09 Mbit/s
95th percentile per-packet one-way delay: 86.785 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 86.982 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 86.498 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

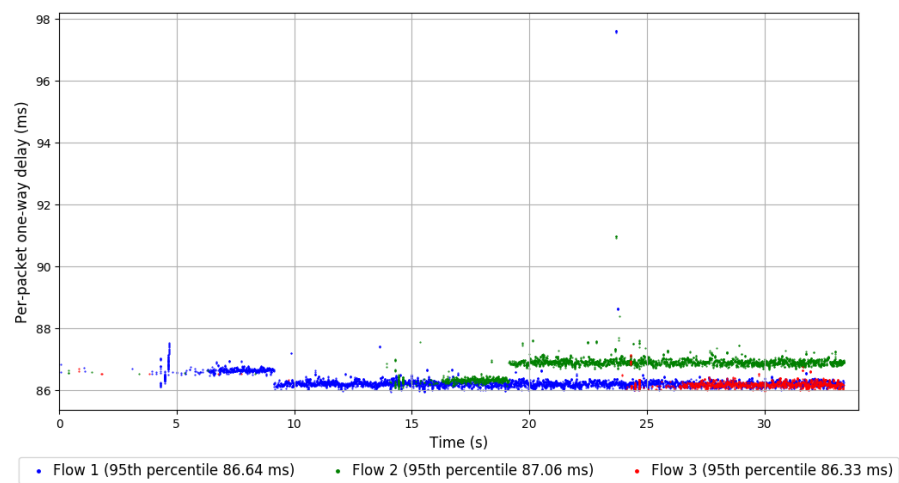
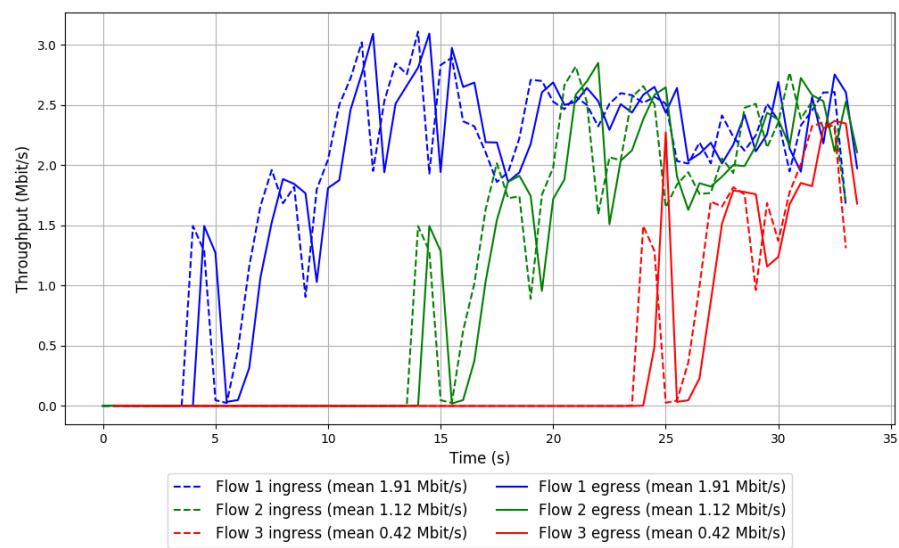


Run 2: Statistics of WebRTC media

Start at: 2018-08-01 05:07:37
End at: 2018-08-01 05:08:07
Local clock offset: 0.07 ms
Remote clock offset: -0.148 ms

Below is generated by plot.py at 2018-08-01 12:11:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.43 Mbit/s
95th percentile per-packet one-way delay: 86.976 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 86.635 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.12 Mbit/s
95th percentile per-packet one-way delay: 87.059 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 86.335 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

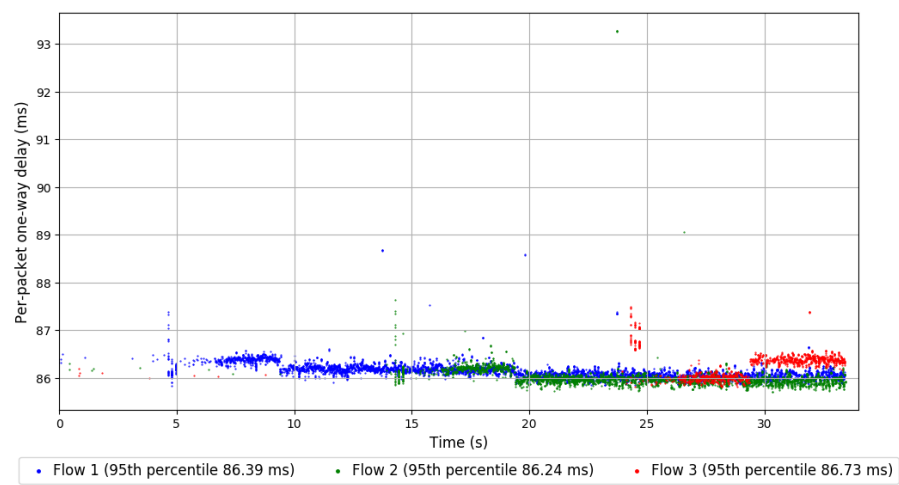
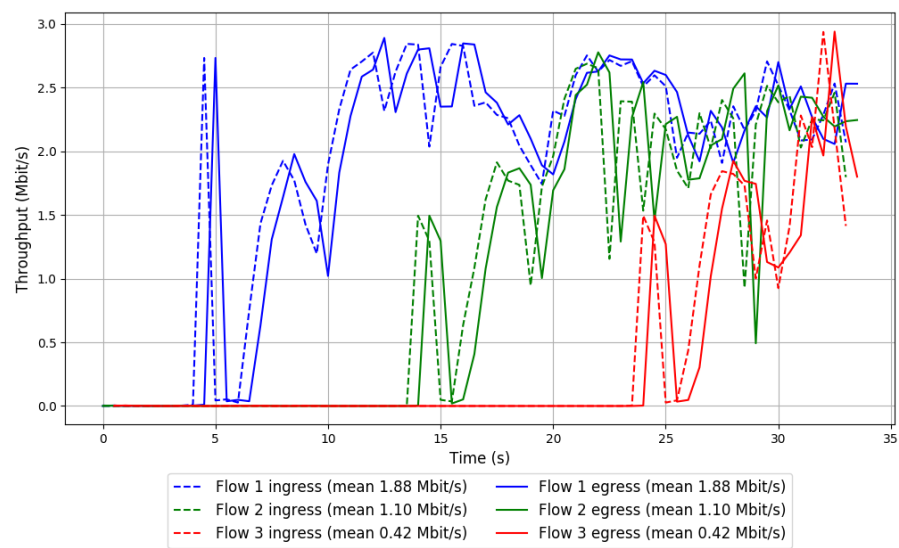


Run 3: Statistics of WebRTC media

Start at: 2018-08-01 05:33:57
End at: 2018-08-01 05:34:27
Local clock offset: 0.269 ms
Remote clock offset: -0.105 ms

Below is generated by plot.py at 2018-08-01 12:11:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.37 Mbit/s
95th percentile per-packet one-way delay: 86.417 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.88 Mbit/s
95th percentile per-packet one-way delay: 86.392 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.10 Mbit/s
95th percentile per-packet one-way delay: 86.238 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 86.730 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

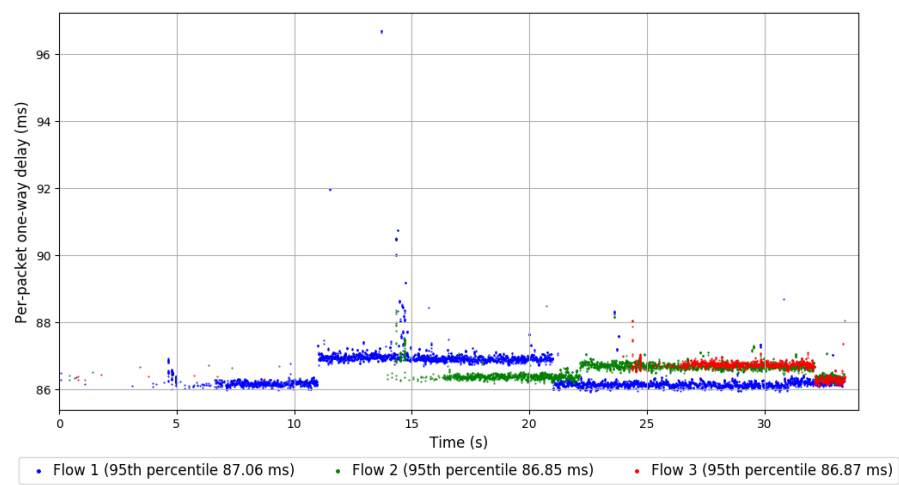
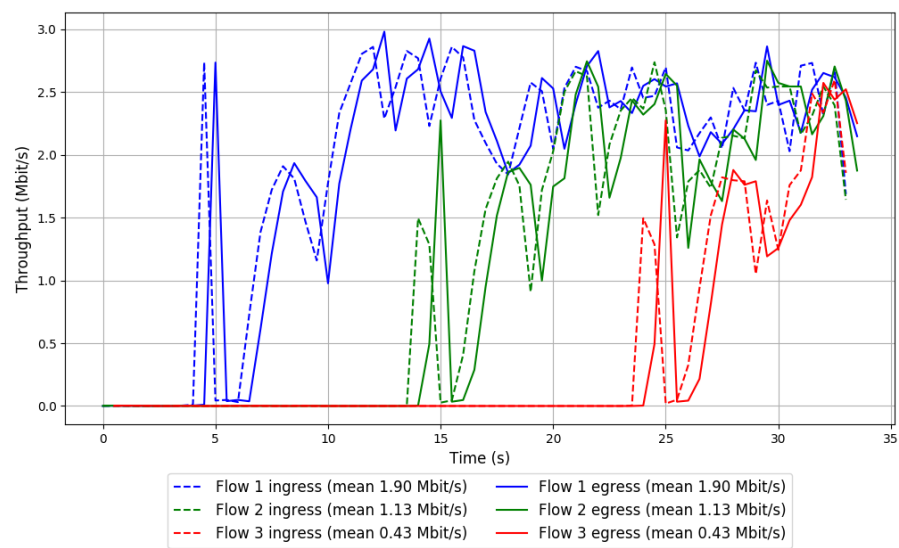


Run 4: Statistics of WebRTC media

Start at: 2018-08-01 06:00:14
End at: 2018-08-01 06:00:44
Local clock offset: 0.068 ms
Remote clock offset: -0.091 ms

```
# Below is generated by plot.py at 2018-08-01 12:11:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.43 Mbit/s
95th percentile per-packet one-way delay: 87.021 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.90 Mbit/s
95th percentile per-packet one-way delay: 87.058 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.13 Mbit/s
95th percentile per-packet one-way delay: 86.847 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 86.871 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2018-08-01 06:26:41

End at: 2018-08-01 06:27:11

Local clock offset: -0.022 ms

Remote clock offset: -0.03 ms

Below is generated by plot.py at 2018-08-01 12:11:34

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.38 Mbit/s

95th percentile per-packet one-way delay: 86.860 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.88 Mbit/s

95th percentile per-packet one-way delay: 86.897 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.09 Mbit/s

95th percentile per-packet one-way delay: 86.415 ms

Loss rate: 0.00%

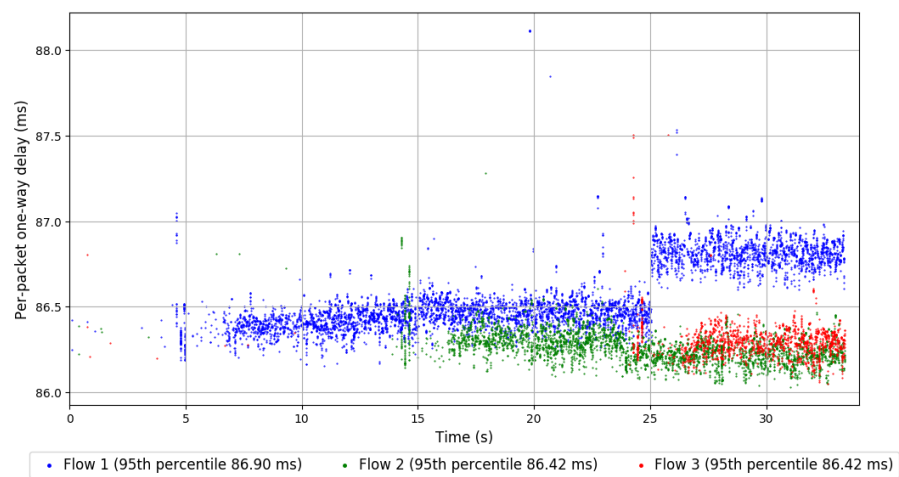
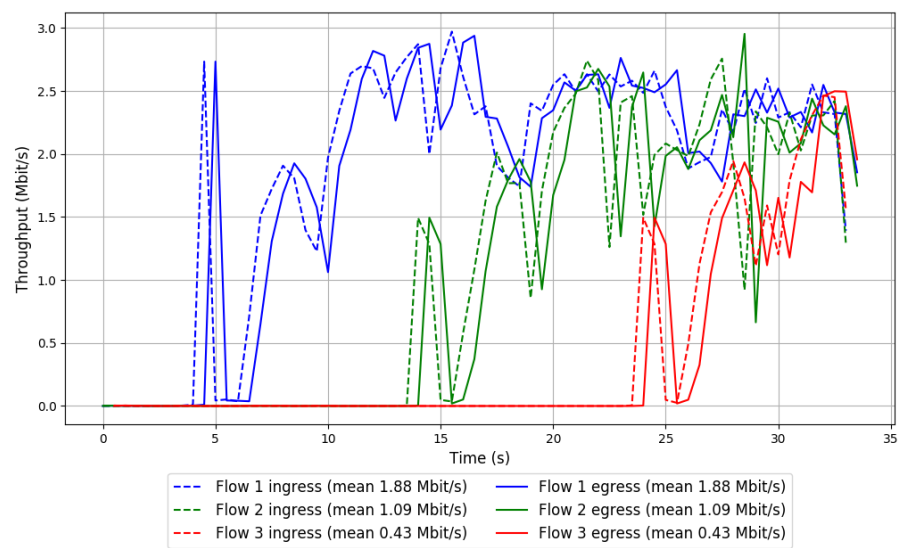
-- Flow 3:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 86.421 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

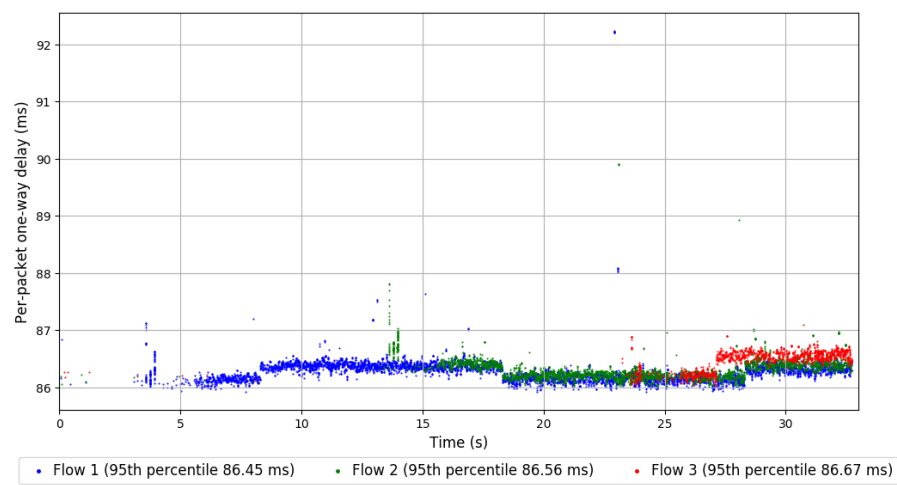
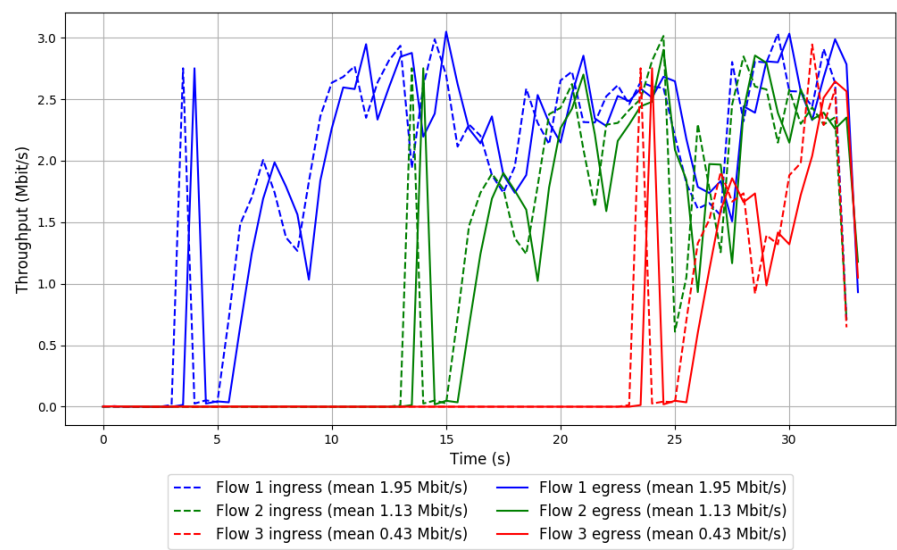


Run 6: Statistics of WebRTC media

Start at: 2018-08-01 06:53:08
End at: 2018-08-01 06:53:38
Local clock offset: 0.066 ms
Remote clock offset: -0.033 ms

Below is generated by plot.py at 2018-08-01 12:11:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.51 Mbit/s
95th percentile per-packet one-way delay: 86.595 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.95 Mbit/s
95th percentile per-packet one-way delay: 86.452 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.13 Mbit/s
95th percentile per-packet one-way delay: 86.563 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 86.673 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

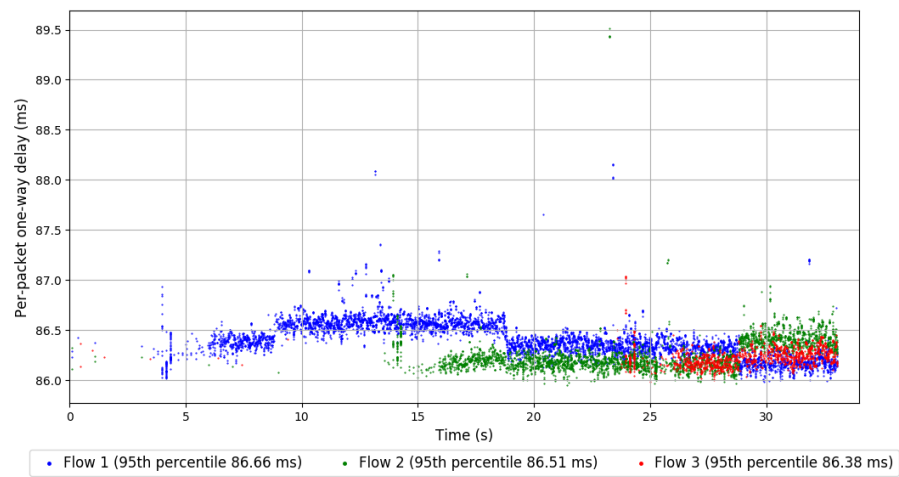
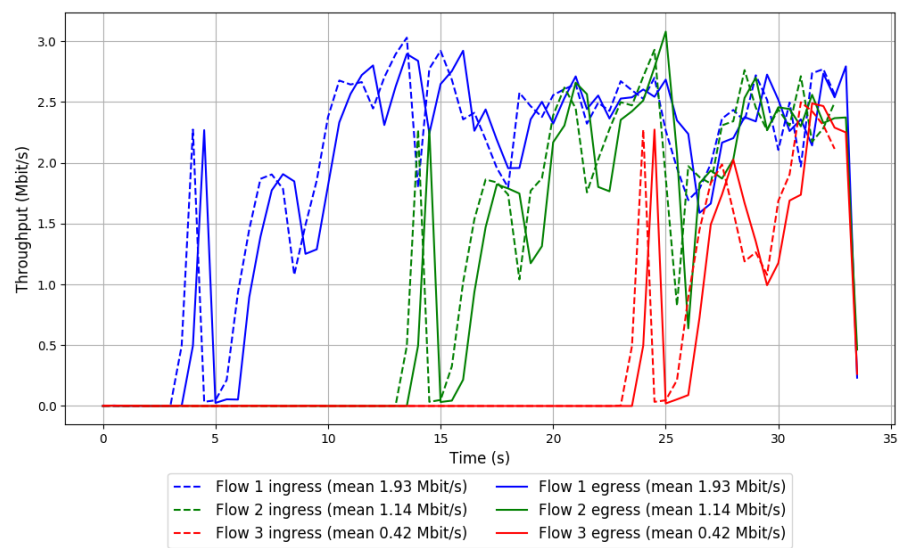


Run 7: Statistics of WebRTC media

Start at: 2018-08-01 07:19:37
End at: 2018-08-01 07:20:07
Local clock offset: 0.034 ms
Remote clock offset: -0.077 ms

Below is generated by plot.py at 2018-08-01 12:11:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.48 Mbit/s
95th percentile per-packet one-way delay: 86.627 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.93 Mbit/s
95th percentile per-packet one-way delay: 86.656 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.14 Mbit/s
95th percentile per-packet one-way delay: 86.514 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 86.382 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

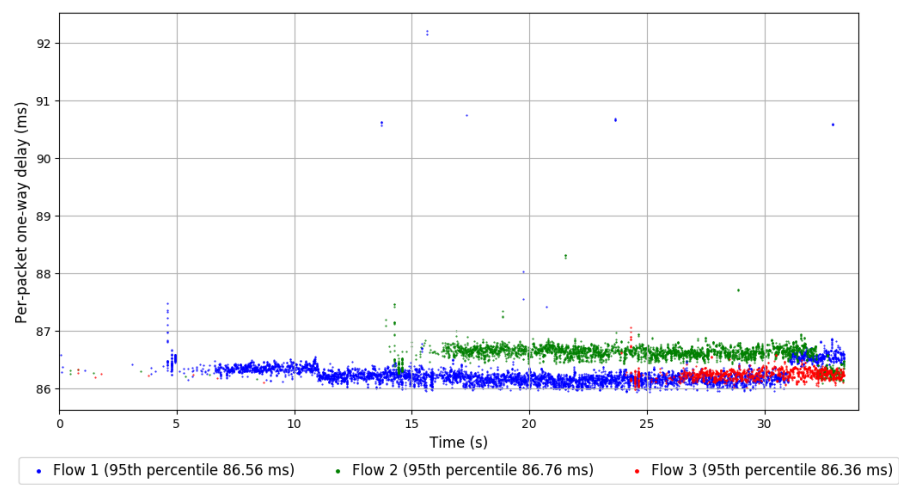
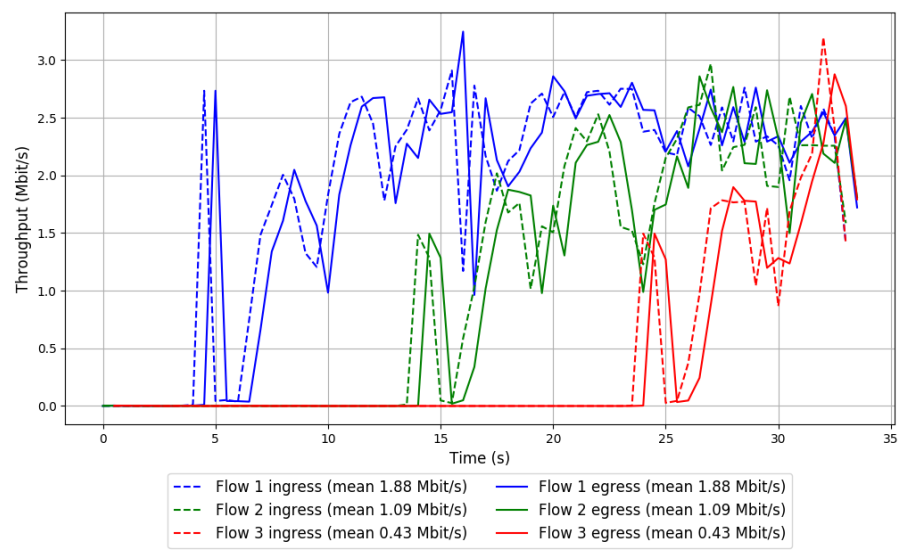


Run 8: Statistics of WebRTC media

Start at: 2018-08-01 07:46:04
End at: 2018-08-01 07:46:34
Local clock offset: 0.022 ms
Remote clock offset: -0.034 ms

```
# Below is generated by plot.py at 2018-08-01 12:11:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.38 Mbit/s
95th percentile per-packet one-way delay: 86.719 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.88 Mbit/s
95th percentile per-packet one-way delay: 86.555 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.09 Mbit/s
95th percentile per-packet one-way delay: 86.764 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 86.363 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

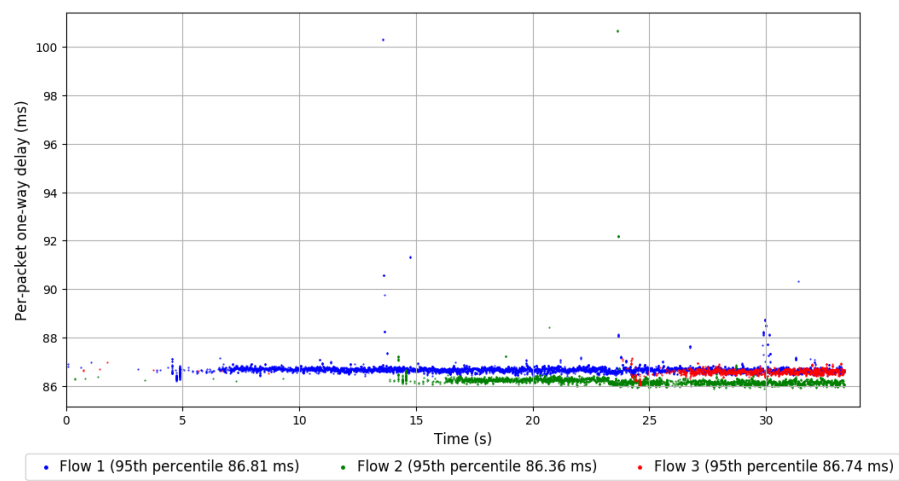
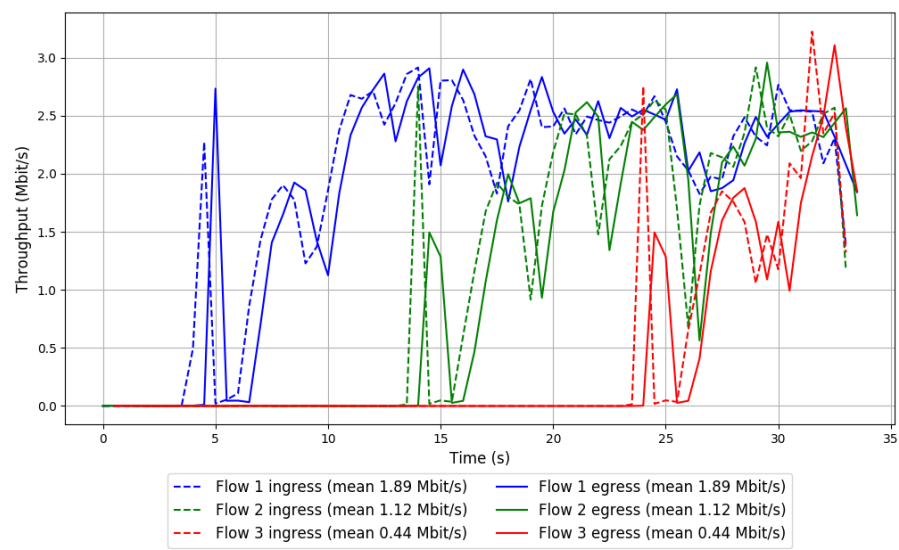


Run 9: Statistics of WebRTC media

Start at: 2018-08-01 08:12:32
End at: 2018-08-01 08:13:02
Local clock offset: 0.073 ms
Remote clock offset: -0.083 ms

Below is generated by plot.py at 2018-08-01 12:11:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.43 Mbit/s
95th percentile per-packet one-way delay: 86.784 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.89 Mbit/s
95th percentile per-packet one-way delay: 86.811 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.12 Mbit/s
95th percentile per-packet one-way delay: 86.359 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 86.744 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-08-01 08:38:47
End at: 2018-08-01 08:39:17
Local clock offset: 0.059 ms
Remote clock offset: -0.057 ms

Below is generated by plot.py at 2018-08-01 12:11:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.44 Mbit/s
95th percentile per-packet one-way delay: 86.898 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.94 Mbit/s
95th percentile per-packet one-way delay: 86.923 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.08 Mbit/s
95th percentile per-packet one-way delay: 86.728 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 86.834 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

