

Pantheon Report

Generated at 2018-08-09 13:58:35 (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.

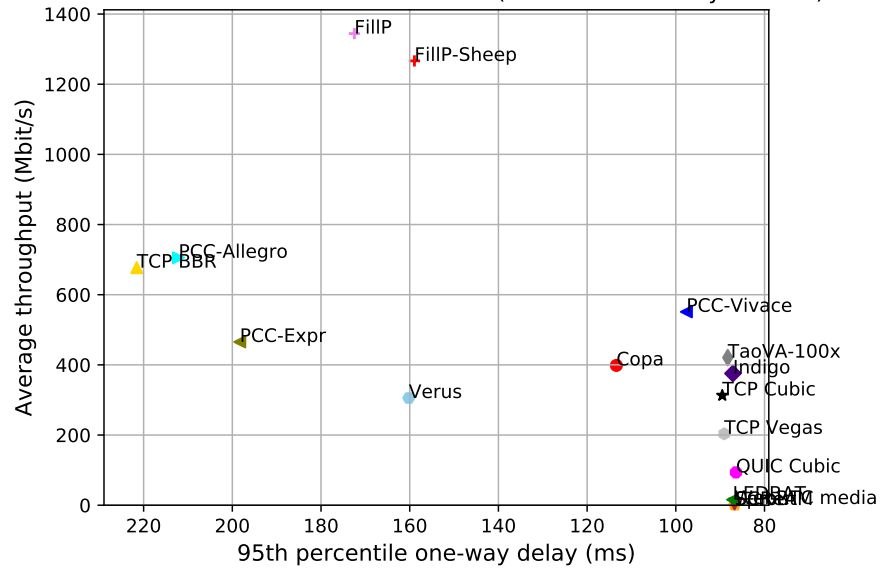
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

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

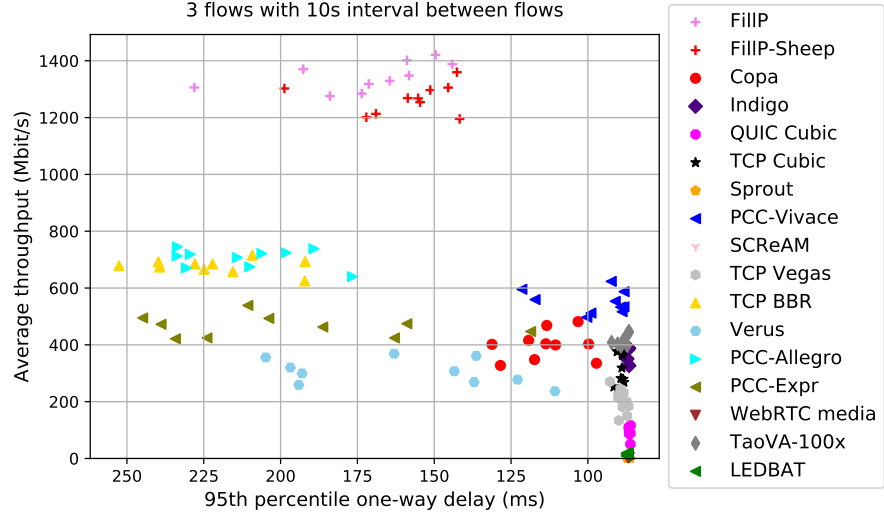
Git summary:

```
branch: master @ 7772df3413f4b07ba0096dfdd8e9d4c6dca623e3
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-quirk @ 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



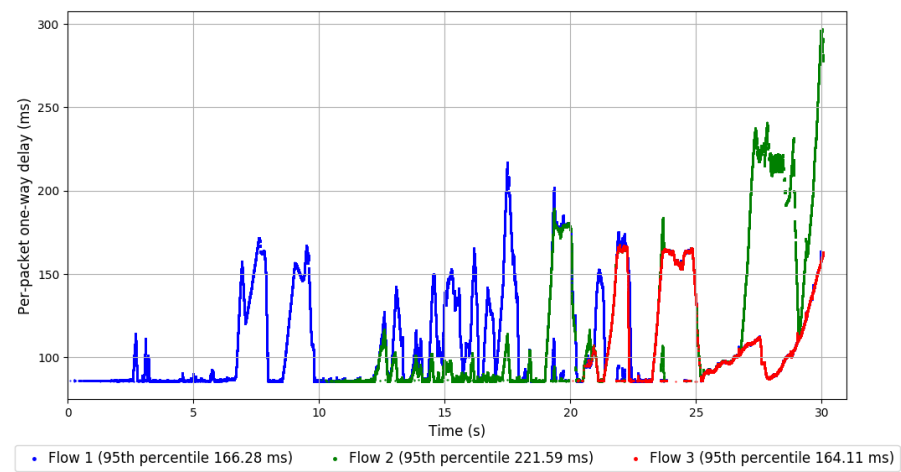
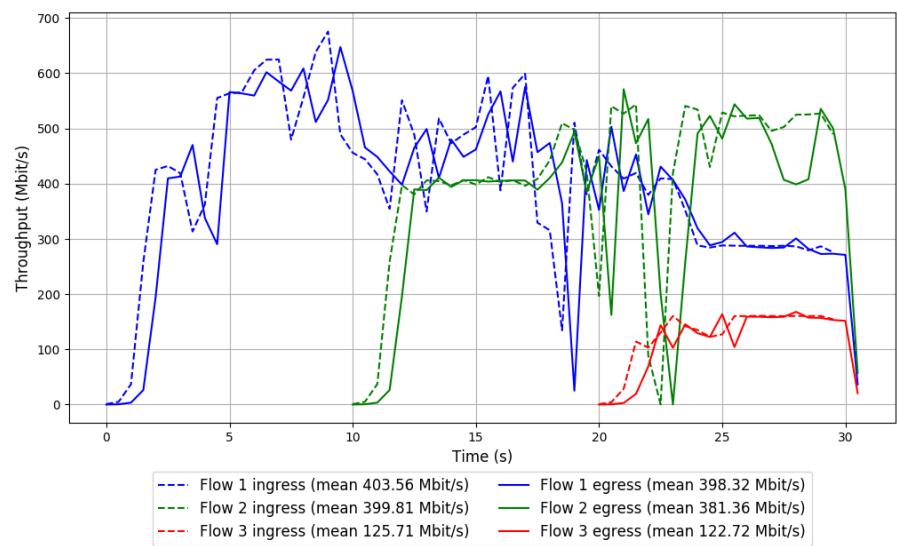
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	405.62	339.20	137.25	221.55	216.38	170.77	3.51	3.94	6.12
Copa	10	213.29	186.05	199.53	111.98	105.85	106.35	0.01	0.03	0.02
TCP Cubic	10	186.16	147.42	86.04	89.16	89.69	88.61	0.00	0.00	0.08
FillP	10	718.50	666.22	549.97	172.96	169.75	143.99	3.29	3.85	0.83
FillP-Sheep	10	684.79	622.56	505.09	159.96	155.20	122.33	1.74	1.14	0.67
Indigo	10	192.93	193.17	167.77	86.94	87.31	87.37	0.01	0.01	0.02
LEDBAT	10	10.02	6.85	3.38	87.22	87.12	87.02	0.00	0.00	0.00
PCC-Allegro	10	516.64	225.87	118.47	221.22	168.11	161.82	4.78	3.05	3.85
PCC-Expr	10	278.30	211.33	140.65	207.37	155.11	108.41	1.89	1.28	0.01
QUIC Cubic	10	54.42	45.31	27.72	86.39	86.29	86.26	0.00	0.00	0.00
SCReAM	10	0.22	0.22	0.22	86.54	86.49	86.50	0.00	0.00	0.00
Sprout	10	0.28	0.28	0.34	86.70	86.70	86.69	0.00	0.00	0.00
TaoVA-100x	10	217.91	210.34	188.05	87.71	87.99	90.24	0.00	0.01	0.00
TCP Vegas	10	112.99	81.90	108.16	89.03	88.83	89.02	0.01	0.03	0.06
Verus	10	182.79	144.51	84.40	165.91	145.64	130.12	0.93	0.22	0.72
PCC-Vivace	10	331.71	247.64	165.83	100.09	98.43	108.87	0.01	0.09	0.00
WebRTC media	10	1.92	1.17	0.44	86.67	86.64	86.59	0.02	0.00	0.00

Run 1: Statistics of TCP BBR

Start at: 2018-08-09 06:11:20
End at: 2018-08-09 06:11:50
Local clock offset: 0.011 ms
Remote clock offset: -0.094 ms

Below is generated by plot.py at 2018-08-09 11:07:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 693.18 Mbit/s
95th percentile per-packet one-way delay: 192.028 ms
Loss rate: 2.60%
-- Flow 1:
Average throughput: 398.32 Mbit/s
95th percentile per-packet one-way delay: 166.282 ms
Loss rate: 1.30%
-- Flow 2:
Average throughput: 381.36 Mbit/s
95th percentile per-packet one-way delay: 221.585 ms
Loss rate: 4.61%
-- Flow 3:
Average throughput: 122.72 Mbit/s
95th percentile per-packet one-way delay: 164.114 ms
Loss rate: 2.38%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-08-09 06:38:49

End at: 2018-08-09 06:39:19

Local clock offset: -0.003 ms

Remote clock offset: 0.014 ms

Below is generated by plot.py at 2018-08-09 11:07:14

Datalink statistics

-- Total of 3 flows:

Average throughput: 657.54 Mbit/s

95th percentile per-packet one-way delay: 215.535 ms

Loss rate: 3.27%

-- Flow 1:

Average throughput: 411.70 Mbit/s

95th percentile per-packet one-way delay: 230.147 ms

Loss rate: 3.12%

-- Flow 2:

Average throughput: 295.07 Mbit/s

95th percentile per-packet one-way delay: 168.041 ms

Loss rate: 2.20%

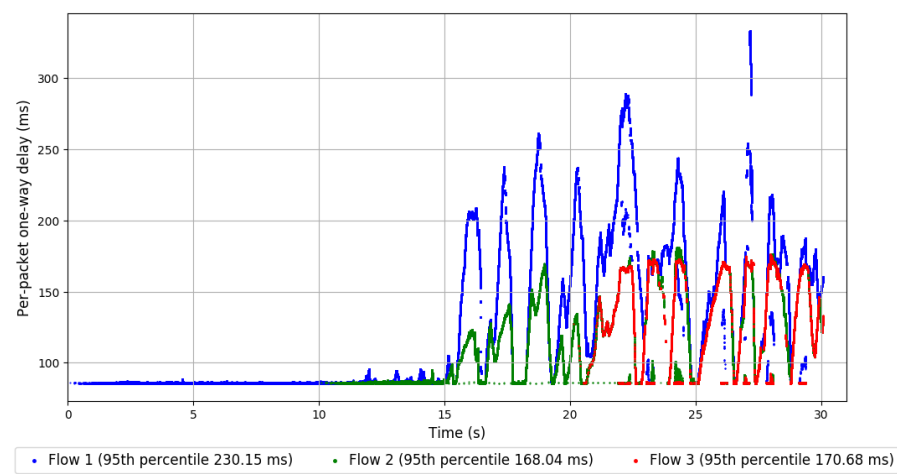
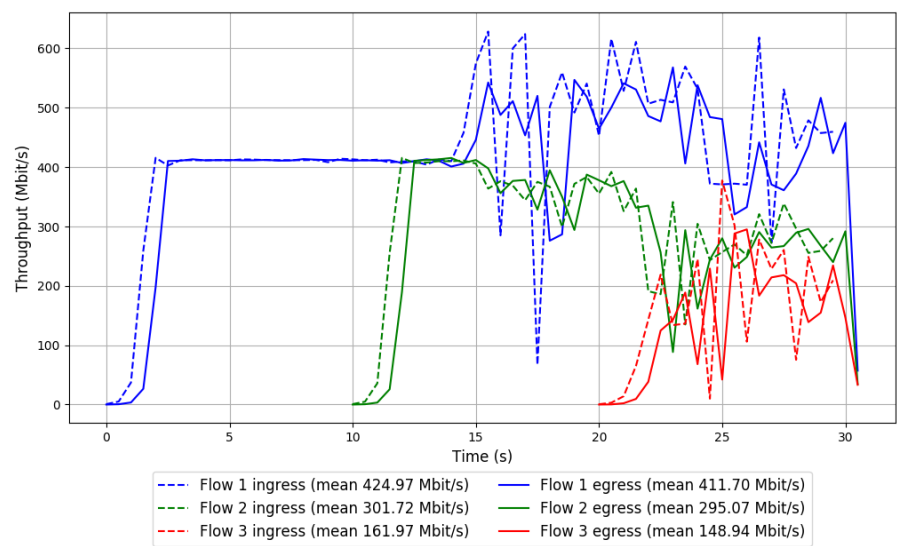
-- Flow 3:

Average throughput: 148.94 Mbit/s

95th percentile per-packet one-way delay: 170.675 ms

Loss rate: 8.42%

Run 2: Report of TCP BBR — Data Link

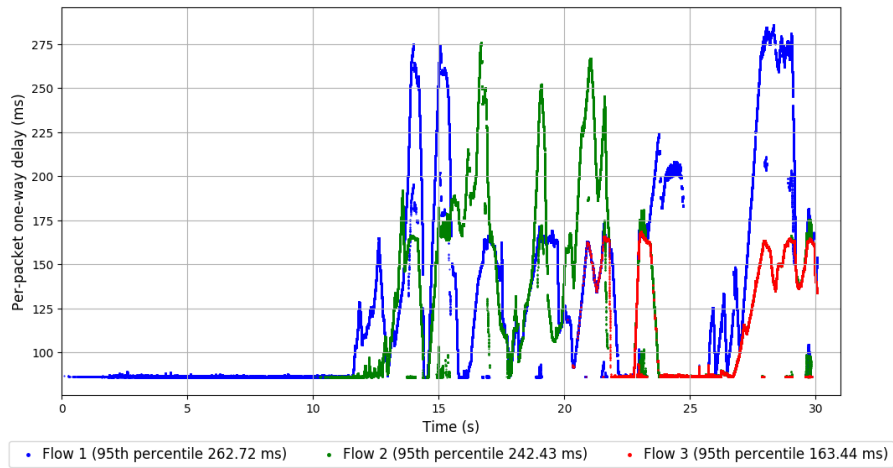
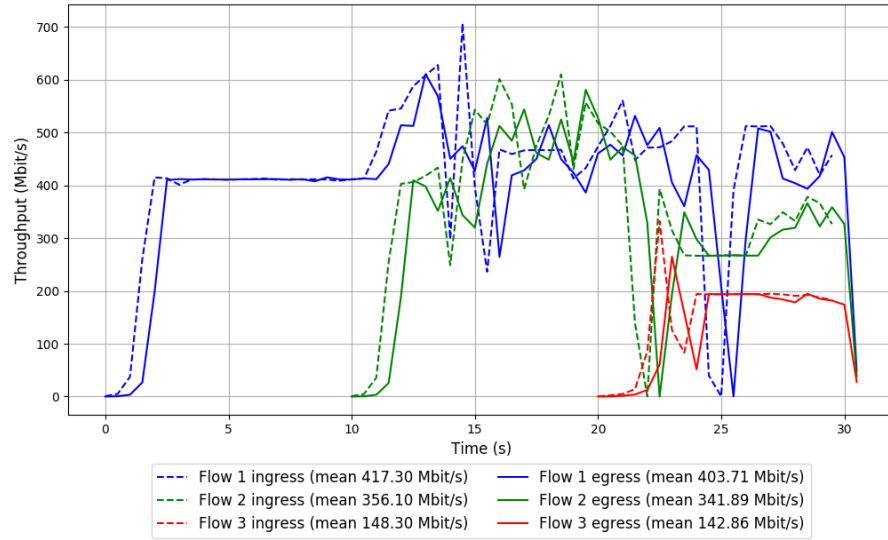


Run 3: Statistics of TCP BBR

Start at: 2018-08-09 07:06:09
End at: 2018-08-09 07:06:39
Local clock offset: -0.268 ms
Remote clock offset: -0.054 ms

Below is generated by plot.py at 2018-08-09 11:07:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 678.74 Mbit/s
95th percentile per-packet one-way delay: 252.580 ms
Loss rate: 3.55%
-- Flow 1:
Average throughput: 403.71 Mbit/s
95th percentile per-packet one-way delay: 262.722 ms
Loss rate: 3.26%
-- Flow 2:
Average throughput: 341.89 Mbit/s
95th percentile per-packet one-way delay: 242.429 ms
Loss rate: 3.99%
-- Flow 3:
Average throughput: 142.86 Mbit/s
95th percentile per-packet one-way delay: 163.440 ms
Loss rate: 3.97%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2018-08-09 07:33:51

End at: 2018-08-09 07:34:21

Local clock offset: -0.121 ms

Remote clock offset: -0.03 ms

Below is generated by plot.py at 2018-08-09 11:07:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 715.68 Mbit/s

95th percentile per-packet one-way delay: 209.200 ms

Loss rate: 3.64%

-- Flow 1:

Average throughput: 460.33 Mbit/s

95th percentile per-packet one-way delay: 217.683 ms

Loss rate: 3.65%

-- Flow 2:

Average throughput: 298.95 Mbit/s

95th percentile per-packet one-way delay: 163.982 ms

Loss rate: 2.61%

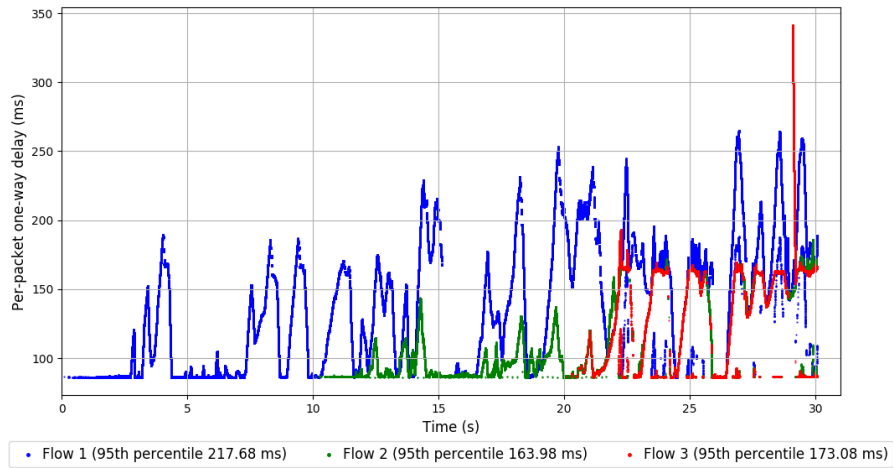
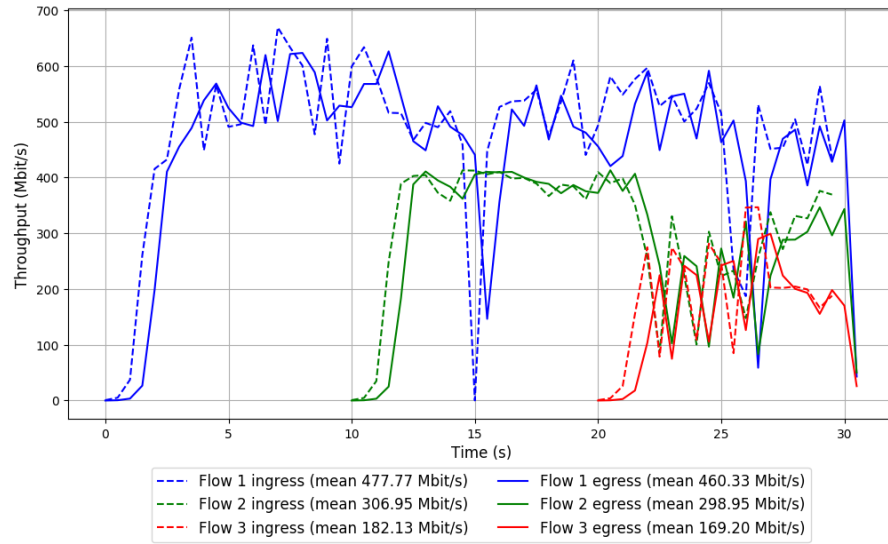
-- Flow 3:

Average throughput: 169.20 Mbit/s

95th percentile per-packet one-way delay: 173.081 ms

Loss rate: 7.11%

Run 4: Report of TCP BBR — Data Link

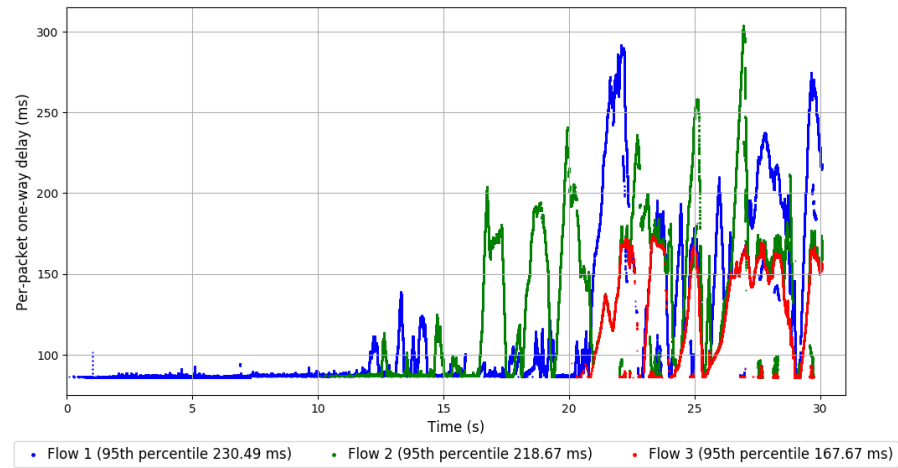
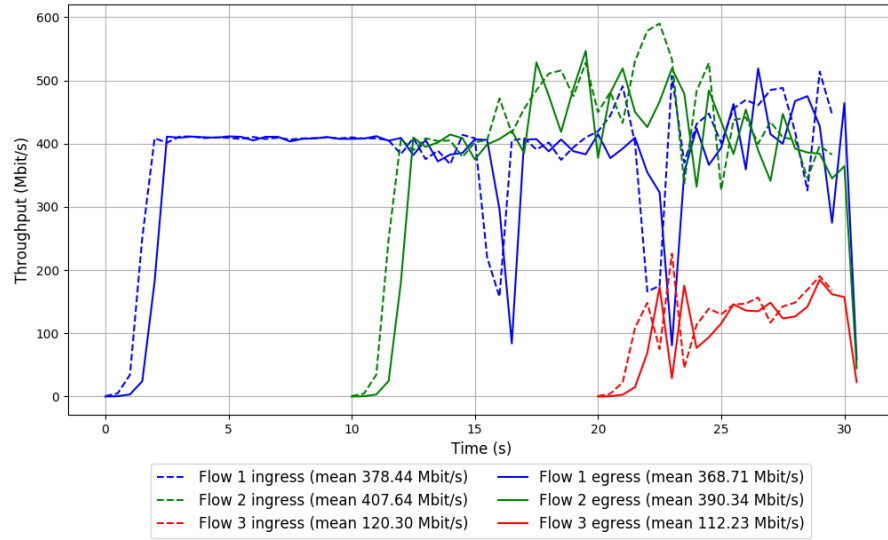


Run 5: Statistics of TCP BBR

Start at: 2018-08-09 08:01:21
End at: 2018-08-09 08:01:51
Local clock offset: -0.105 ms
Remote clock offset: -0.047 ms

Below is generated by plot.py at 2018-08-09 11:07:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 665.92 Mbit/s
95th percentile per-packet one-way delay: 224.878 ms
Loss rate: 3.47%
-- Flow 1:
Average throughput: 368.71 Mbit/s
95th percentile per-packet one-way delay: 230.487 ms
Loss rate: 2.57%
-- Flow 2:
Average throughput: 390.34 Mbit/s
95th percentile per-packet one-way delay: 218.668 ms
Loss rate: 4.24%
-- Flow 3:
Average throughput: 112.23 Mbit/s
95th percentile per-packet one-way delay: 167.669 ms
Loss rate: 6.78%

Run 5: Report of TCP BBR — Data Link

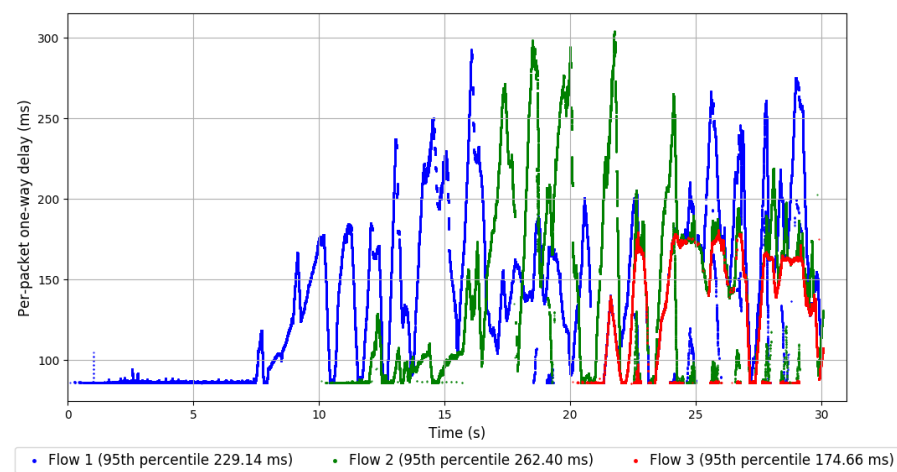
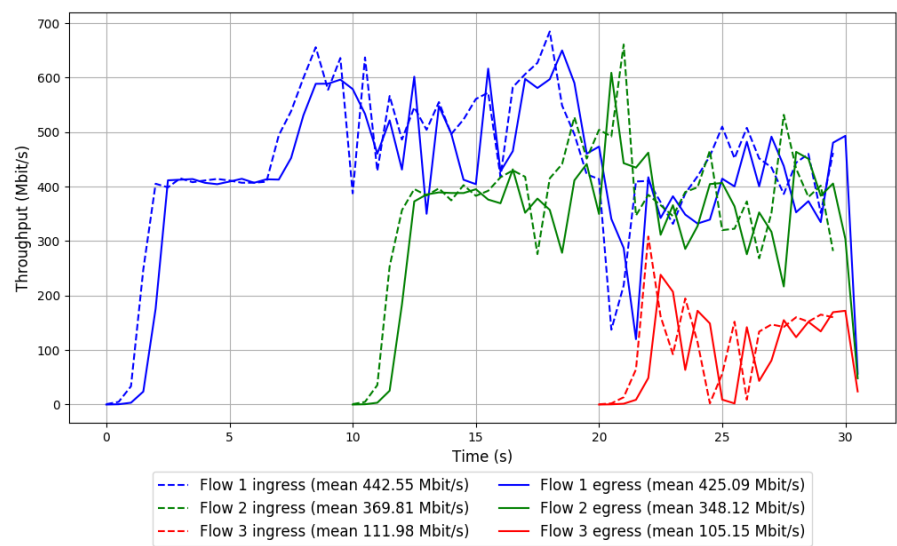


Run 6: Statistics of TCP BBR

Start at: 2018-08-09 08:28:38
End at: 2018-08-09 08:29:08
Local clock offset: 0.037 ms
Remote clock offset: -0.034 ms

Below is generated by plot.py at 2018-08-09 11:07:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 691.98 Mbit/s
95th percentile per-packet one-way delay: 239.792 ms
Loss rate: 4.70%
-- Flow 1:
Average throughput: 425.09 Mbit/s
95th percentile per-packet one-way delay: 229.143 ms
Loss rate: 3.94%
-- Flow 2:
Average throughput: 348.12 Mbit/s
95th percentile per-packet one-way delay: 262.399 ms
Loss rate: 5.87%
-- Flow 3:
Average throughput: 105.15 Mbit/s
95th percentile per-packet one-way delay: 174.663 ms
Loss rate: 6.09%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: 2018-08-09 08:55:46

End at: 2018-08-09 08:56:16

Local clock offset: -0.026 ms

Remote clock offset: 0.009 ms

Below is generated by plot.py at 2018-08-09 11:07:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 673.89 Mbit/s

95th percentile per-packet one-way delay: 239.296 ms

Loss rate: 3.89%

-- Flow 1:

Average throughput: 400.65 Mbit/s

95th percentile per-packet one-way delay: 234.646 ms

Loss rate: 3.88%

-- Flow 2:

Average throughput: 325.51 Mbit/s

95th percentile per-packet one-way delay: 252.608 ms

Loss rate: 3.73%

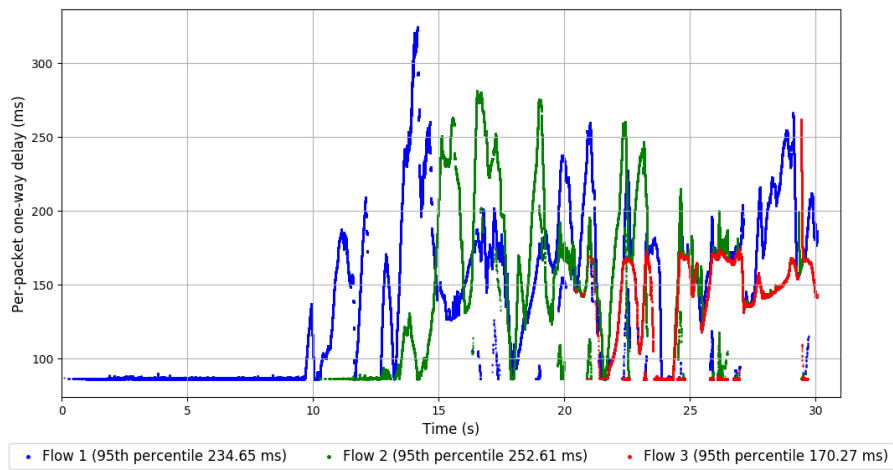
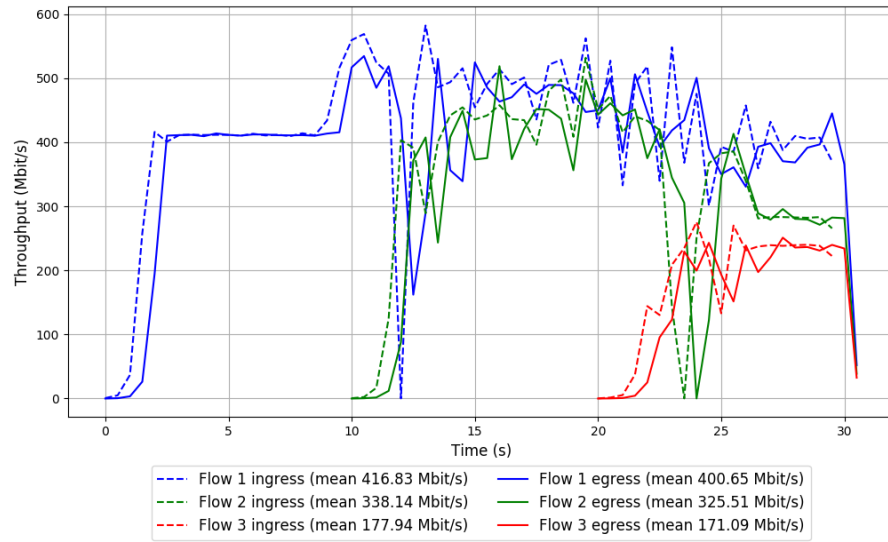
-- Flow 3:

Average throughput: 171.09 Mbit/s

95th percentile per-packet one-way delay: 170.274 ms

Loss rate: 4.58%

Run 7: Report of TCP BBR — Data Link

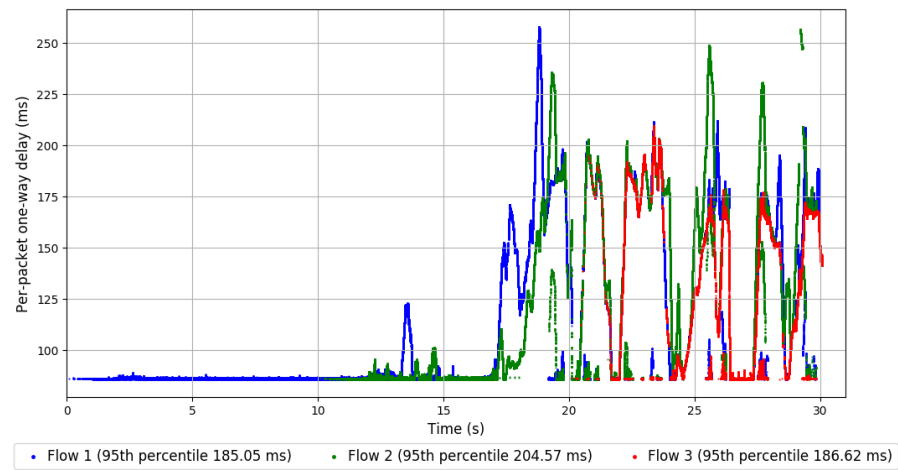
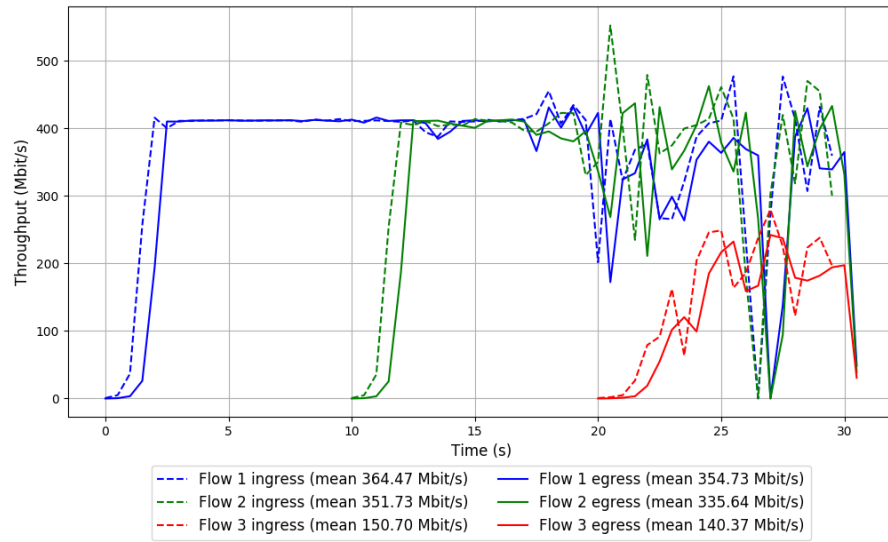


Run 8: Statistics of TCP BBR

Start at: 2018-08-09 09:23:06
End at: 2018-08-09 09:23:36
Local clock offset: -0.102 ms
Remote clock offset: -0.005 ms

Below is generated by plot.py at 2018-08-09 11:07:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 624.97 Mbit/s
95th percentile per-packet one-way delay: 192.130 ms
Loss rate: 3.68%
-- Flow 1:
Average throughput: 354.73 Mbit/s
95th percentile per-packet one-way delay: 185.053 ms
Loss rate: 2.67%
-- Flow 2:
Average throughput: 335.64 Mbit/s
95th percentile per-packet one-way delay: 204.566 ms
Loss rate: 4.58%
-- Flow 3:
Average throughput: 140.37 Mbit/s
95th percentile per-packet one-way delay: 186.620 ms
Loss rate: 6.85%

Run 8: Report of TCP BBR — Data Link

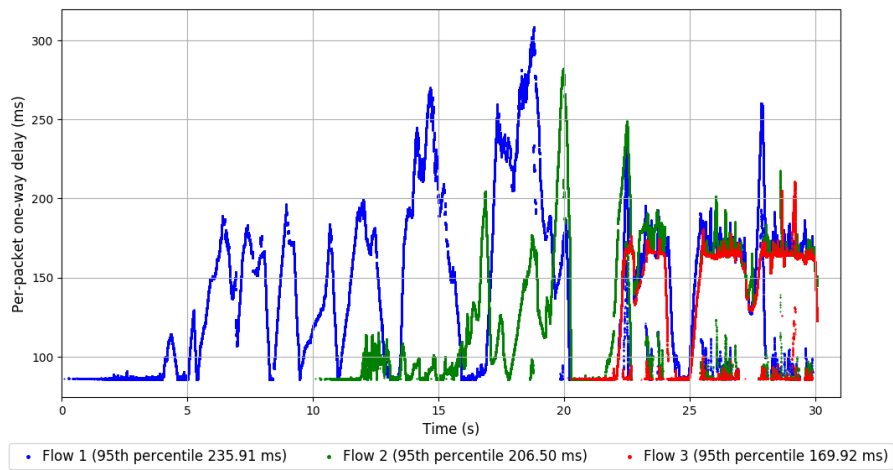
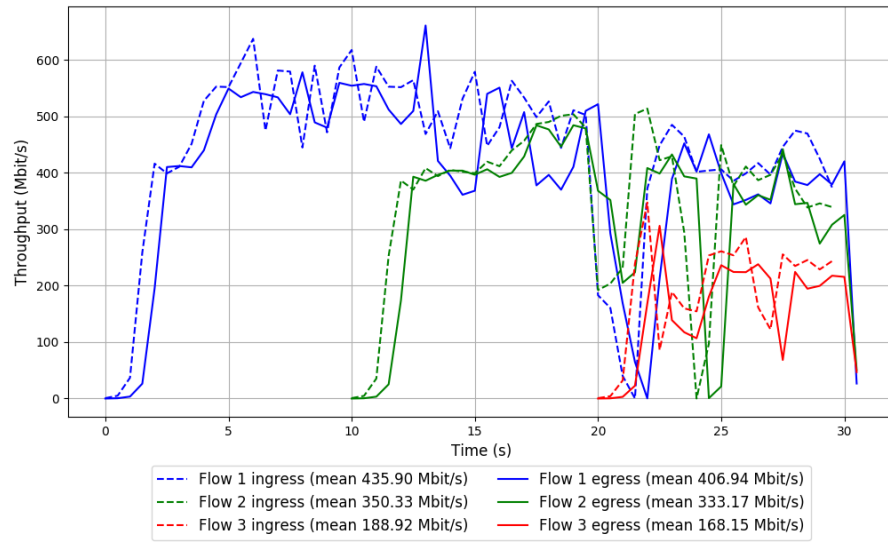


Run 9: Statistics of TCP BBR

Start at: 2018-08-09 09:50:19
End at: 2018-08-09 09:50:49
Local clock offset: 0.072 ms
Remote clock offset: -0.017 ms

Below is generated by plot.py at 2018-08-09 11:17:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 684.66 Mbit/s
95th percentile per-packet one-way delay: 227.871 ms
Loss rate: 6.46%
-- Flow 1:
Average throughput: 406.94 Mbit/s
95th percentile per-packet one-way delay: 235.908 ms
Loss rate: 6.64%
-- Flow 2:
Average throughput: 333.17 Mbit/s
95th percentile per-packet one-way delay: 206.499 ms
Loss rate: 4.89%
-- Flow 3:
Average throughput: 168.15 Mbit/s
95th percentile per-packet one-way delay: 169.922 ms
Loss rate: 10.98%

Run 9: Report of TCP BBR — Data Link

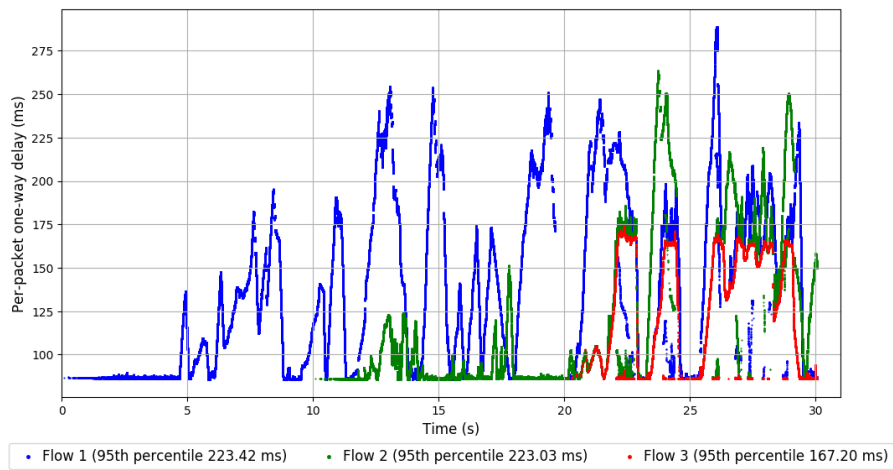
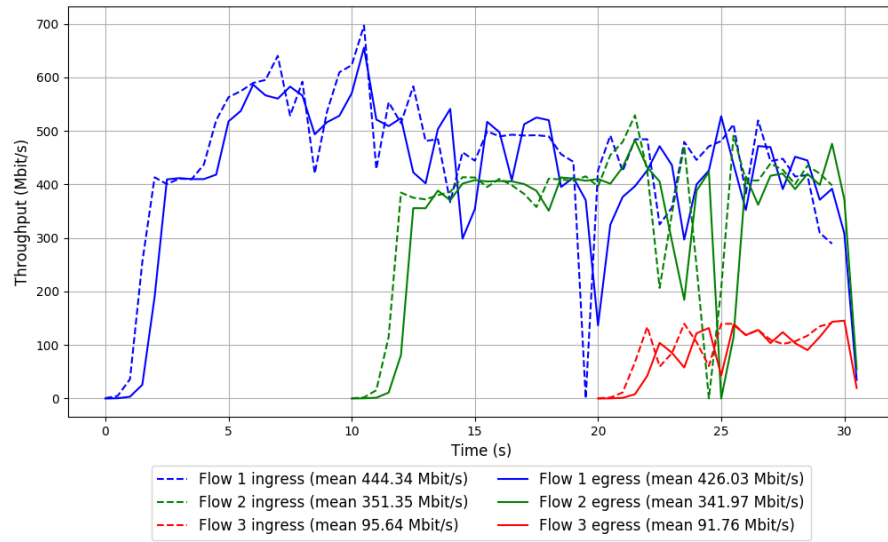


Run 10: Statistics of TCP BBR

Start at: 2018-08-09 10:17:42
End at: 2018-08-09 10:18:12
Local clock offset: -0.067 ms
Remote clock offset: -0.016 ms

Below is generated by plot.py at 2018-08-09 11:17:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 684.29 Mbit/s
95th percentile per-packet one-way delay: 222.142 ms
Loss rate: 3.64%
-- Flow 1:
Average throughput: 426.03 Mbit/s
95th percentile per-packet one-way delay: 223.417 ms
Loss rate: 4.12%
-- Flow 2:
Average throughput: 341.97 Mbit/s
95th percentile per-packet one-way delay: 223.035 ms
Loss rate: 2.67%
-- Flow 3:
Average throughput: 91.76 Mbit/s
95th percentile per-packet one-way delay: 167.202 ms
Loss rate: 4.06%

Run 10: Report of TCP BBR — Data Link

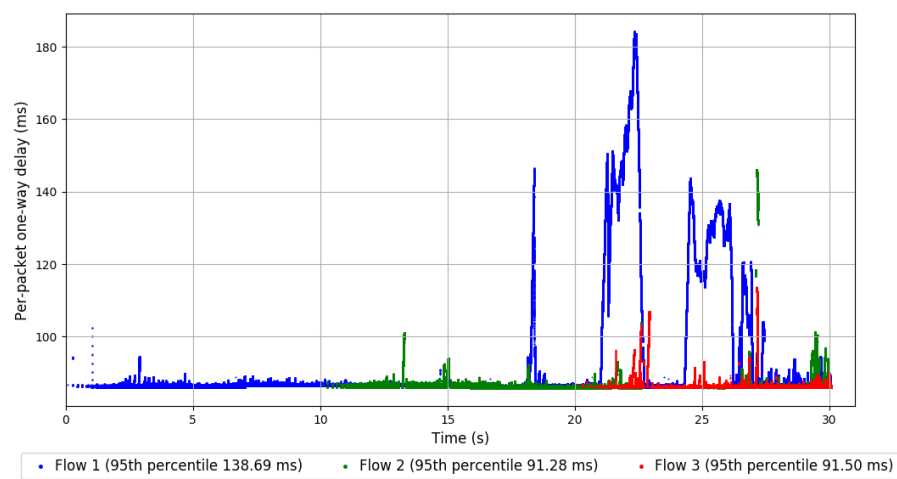
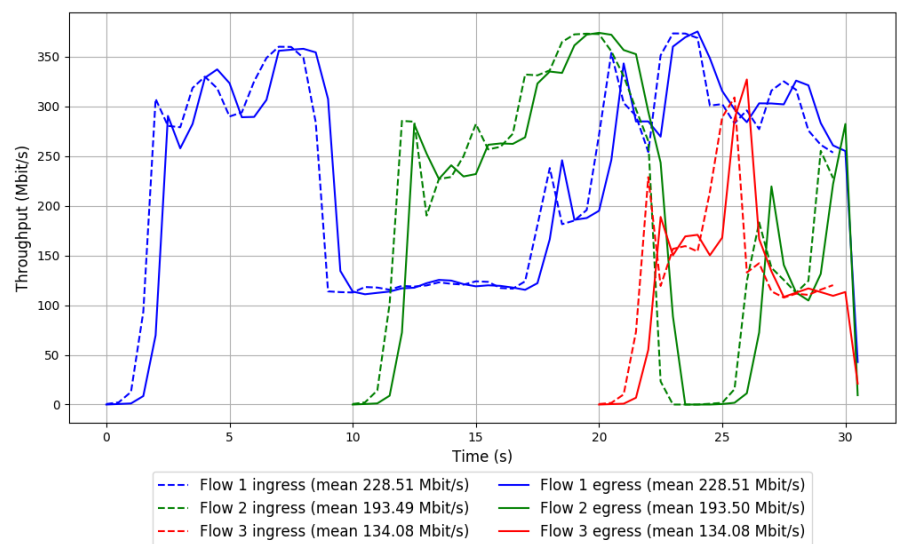


Run 1: Statistics of Copa

Start at: 2018-08-09 06:13:21
End at: 2018-08-09 06:13:51
Local clock offset: -0.252 ms
Remote clock offset: -0.066 ms

Below is generated by plot.py at 2018-08-09 11:18:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 401.76 Mbit/s
95th percentile per-packet one-way delay: 131.193 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 228.51 Mbit/s
95th percentile per-packet one-way delay: 138.690 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 193.50 Mbit/s
95th percentile per-packet one-way delay: 91.277 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 134.08 Mbit/s
95th percentile per-packet one-way delay: 91.495 ms
Loss rate: 0.00%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2018-08-09 06:40:40

End at: 2018-08-09 06:41:10

Local clock offset: -0.444 ms

Remote clock offset: 0.046 ms

Below is generated by plot.py at 2018-08-09 11:20:22

Datalink statistics

-- Total of 3 flows:

Average throughput: 468.33 Mbit/s

95th percentile per-packet one-way delay: 113.385 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 268.26 Mbit/s

95th percentile per-packet one-way delay: 109.713 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 168.92 Mbit/s

95th percentile per-packet one-way delay: 118.335 ms

Loss rate: 0.16%

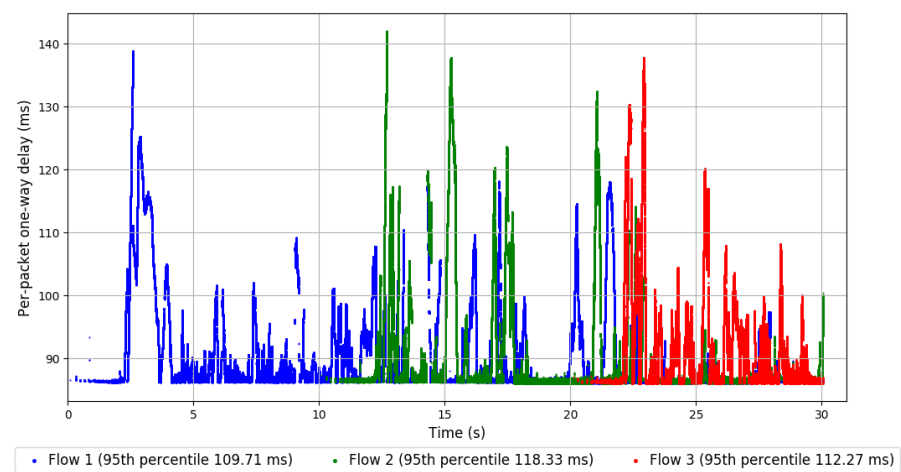
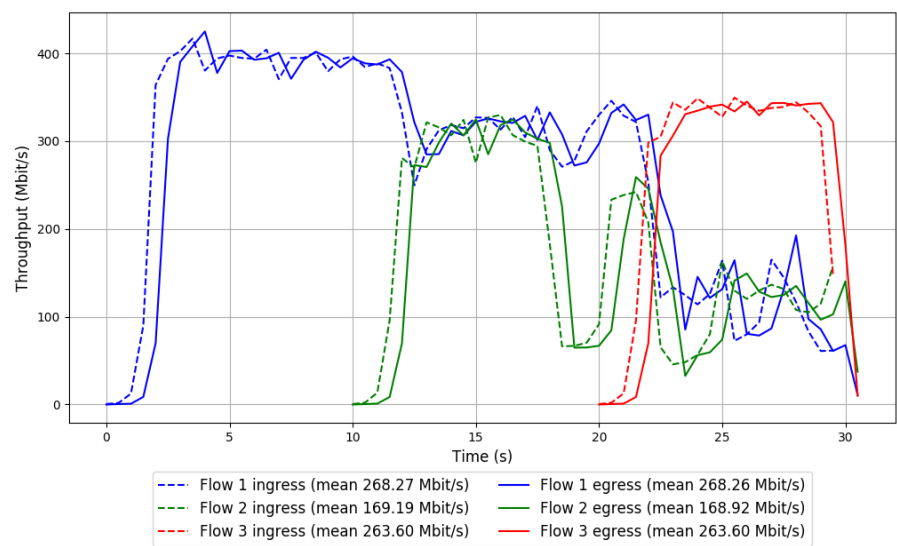
-- Flow 3:

Average throughput: 263.60 Mbit/s

95th percentile per-packet one-way delay: 112.274 ms

Loss rate: 0.00%

Run 2: Report of Copa — Data Link

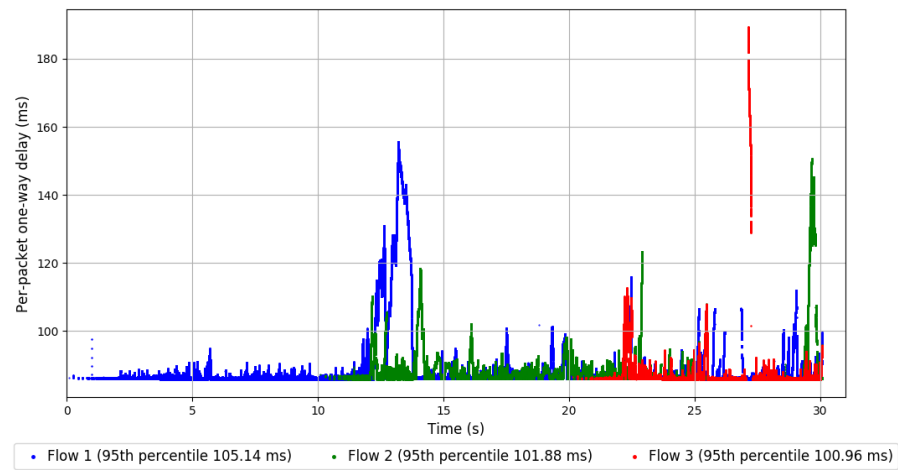
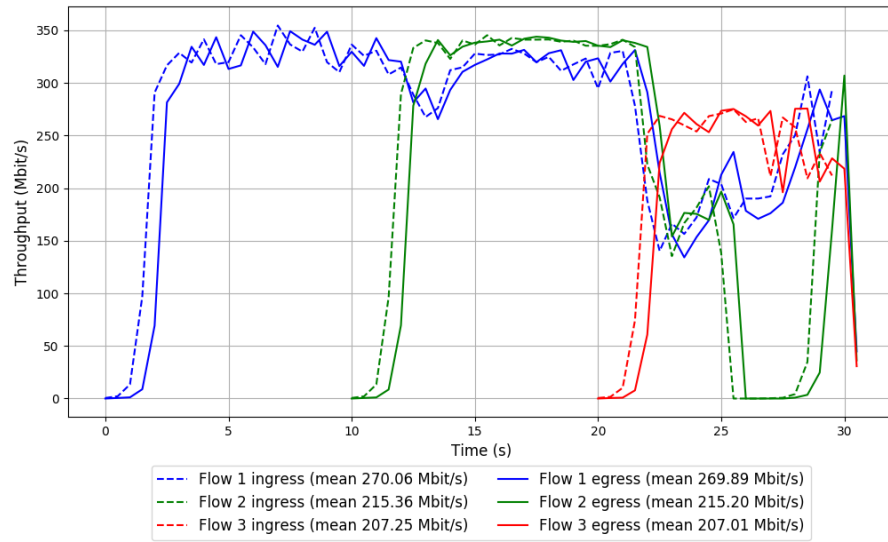


Run 3: Statistics of Copa

Start at: 2018-08-09 07:08:14
End at: 2018-08-09 07:08:44
Local clock offset: -0.15 ms
Remote clock offset: -0.075 ms

Below is generated by plot.py at 2018-08-09 11:20:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 481.88 Mbit/s
95th percentile per-packet one-way delay: 103.179 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 269.89 Mbit/s
95th percentile per-packet one-way delay: 105.142 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 215.20 Mbit/s
95th percentile per-packet one-way delay: 101.876 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 207.01 Mbit/s
95th percentile per-packet one-way delay: 100.964 ms
Loss rate: 0.09%

Run 3: Report of Copa — Data Link

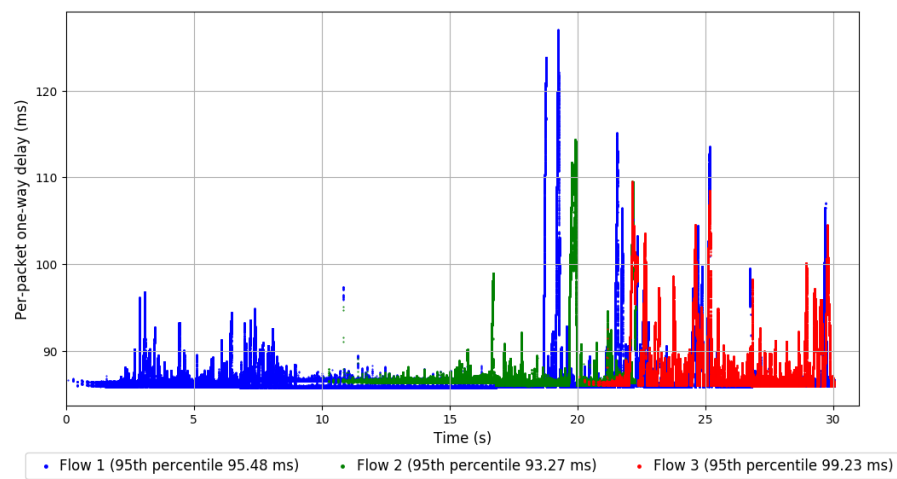
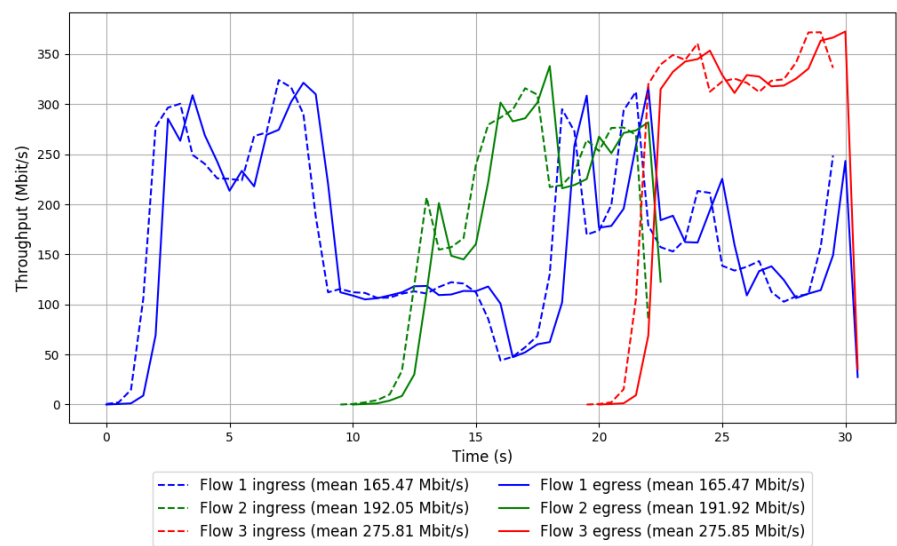


Run 4: Statistics of Copa

Start at: 2018-08-09 07:35:51
End at: 2018-08-09 07:36:21
Local clock offset: -0.069 ms
Remote clock offset: -0.051 ms

Below is generated by plot.py at 2018-08-09 11:20:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 335.24 Mbit/s
95th percentile per-packet one-way delay: 97.216 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 165.47 Mbit/s
95th percentile per-packet one-way delay: 95.479 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 191.92 Mbit/s
95th percentile per-packet one-way delay: 93.273 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 275.85 Mbit/s
95th percentile per-packet one-way delay: 99.226 ms
Loss rate: 0.00%

Run 4: Report of Copa — Data Link

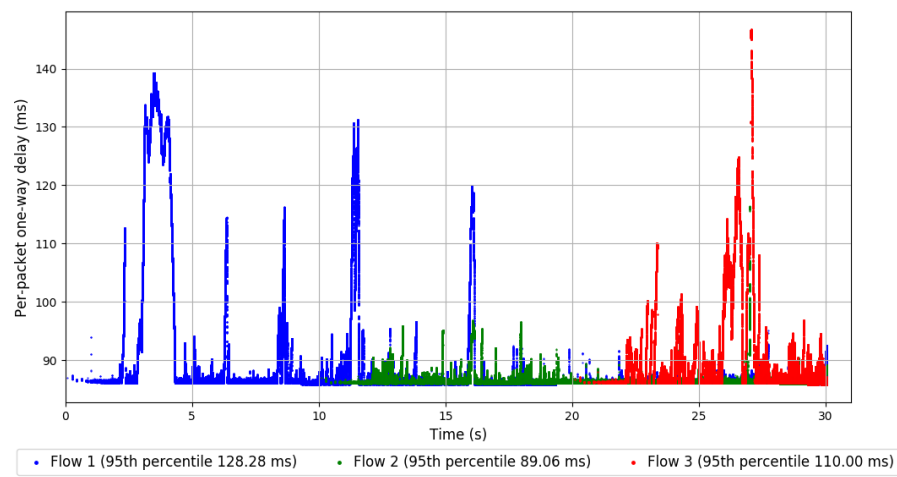
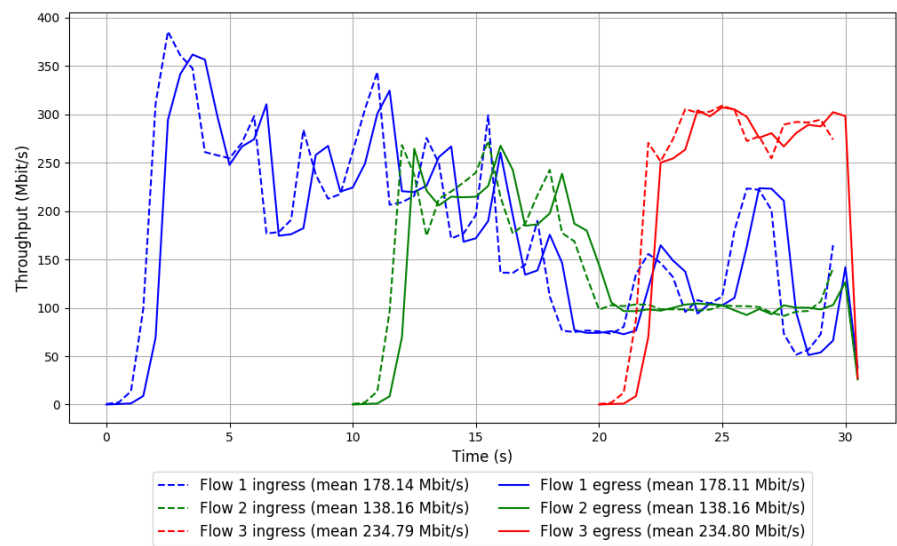


Run 5: Statistics of Copa

Start at: 2018-08-09 08:03:19
End at: 2018-08-09 08:03:49
Local clock offset: -0.115 ms
Remote clock offset: -0.026 ms

Below is generated by plot.py at 2018-08-09 11:20:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 347.97 Mbit/s
95th percentile per-packet one-way delay: 117.354 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 178.11 Mbit/s
95th percentile per-packet one-way delay: 128.276 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 138.16 Mbit/s
95th percentile per-packet one-way delay: 89.058 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 234.80 Mbit/s
95th percentile per-packet one-way delay: 110.003 ms
Loss rate: 0.00%

Run 5: Report of Copa — Data Link

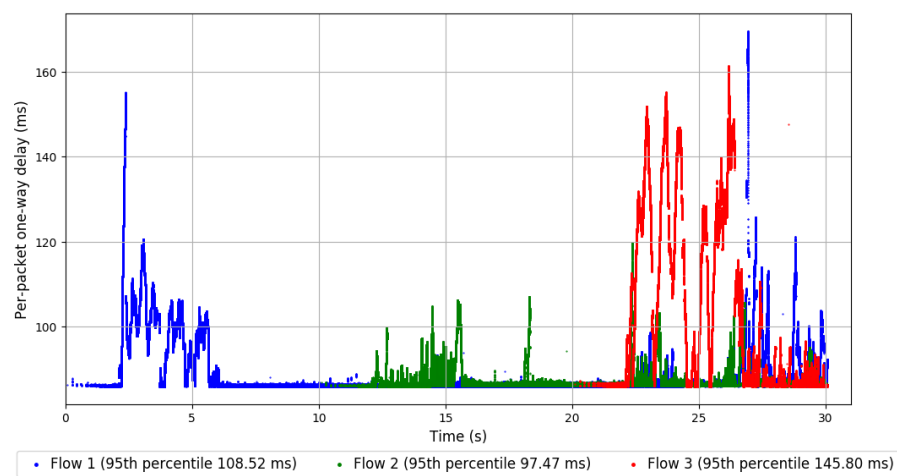
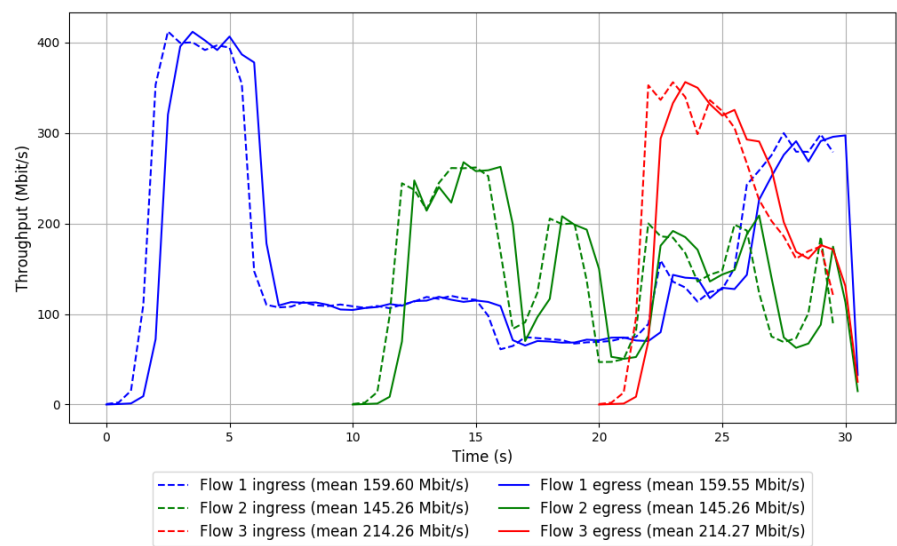


Run 6: Statistics of Copa

Start at: 2018-08-09 08:30:44
End at: 2018-08-09 08:31:14
Local clock offset: -0.243 ms
Remote clock offset: -0.084 ms

```
# Below is generated by plot.py at 2018-08-09 11:20:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 327.47 Mbit/s
95th percentile per-packet one-way delay: 128.462 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 159.55 Mbit/s
95th percentile per-packet one-way delay: 108.520 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 145.26 Mbit/s
95th percentile per-packet one-way delay: 97.475 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 214.27 Mbit/s
95th percentile per-packet one-way delay: 145.802 ms
Loss rate: 0.00%
```

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2018-08-09 08:57:46

End at: 2018-08-09 08:58:16

Local clock offset: 0.062 ms

Remote clock offset: 0.008 ms

Below is generated by plot.py at 2018-08-09 11:29:26

Datalink statistics

-- Total of 3 flows:

Average throughput: 415.75 Mbit/s

95th percentile per-packet one-way delay: 119.277 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 257.52 Mbit/s

95th percentile per-packet one-way delay: 119.728 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 182.70 Mbit/s

95th percentile per-packet one-way delay: 127.364 ms

Loss rate: 0.00%

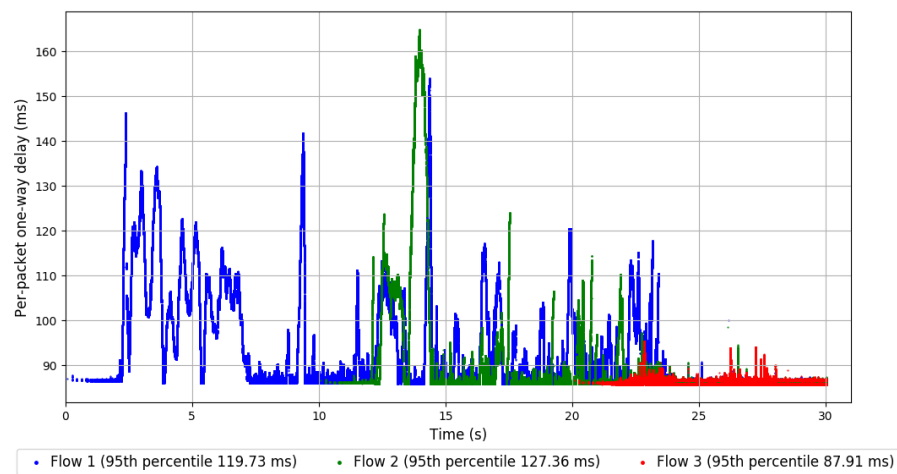
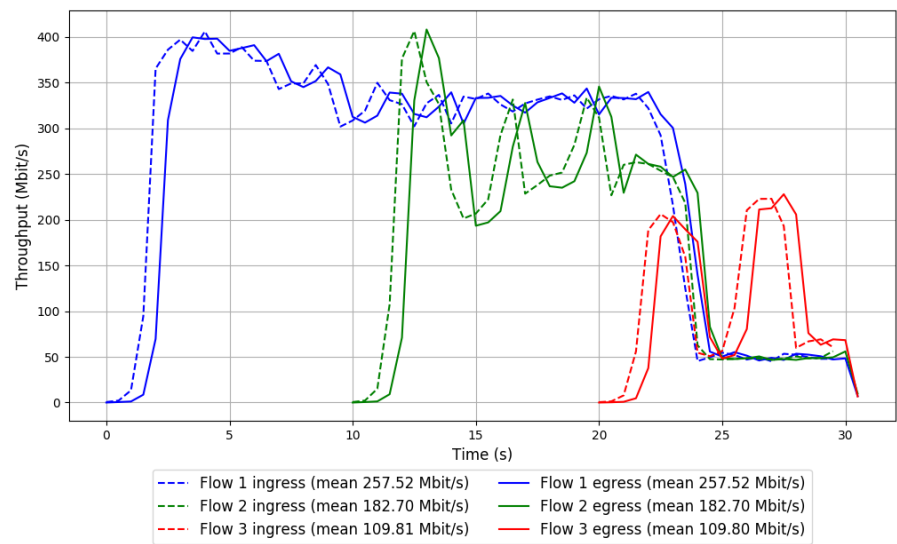
-- Flow 3:

Average throughput: 109.80 Mbit/s

95th percentile per-packet one-way delay: 87.907 ms

Loss rate: 0.01%

Run 7: Report of Copa — Data Link

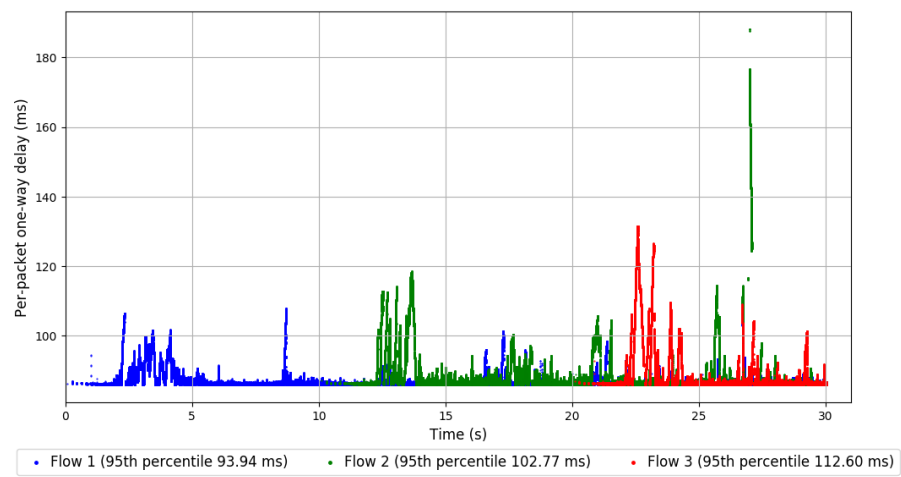
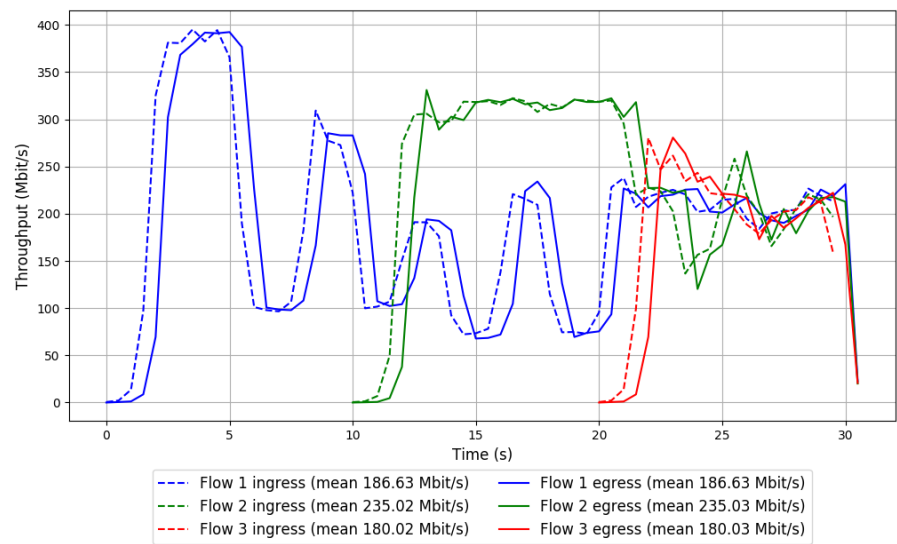


Run 8: Statistics of Copa

Start at: 2018-08-09 09:24:54
End at: 2018-08-09 09:25:24
Local clock offset: -0.119 ms
Remote clock offset: -0.006 ms

Below is generated by plot.py at 2018-08-09 11:29:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 402.82 Mbit/s
95th percentile per-packet one-way delay: 99.737 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 186.63 Mbit/s
95th percentile per-packet one-way delay: 93.944 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 235.03 Mbit/s
95th percentile per-packet one-way delay: 102.767 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 180.03 Mbit/s
95th percentile per-packet one-way delay: 112.602 ms
Loss rate: 0.00%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2018-08-09 09:52:24

End at: 2018-08-09 09:52:54

Local clock offset: -0.096 ms

Remote clock offset: 0.024 ms

Below is generated by plot.py at 2018-08-09 11:29:26

Datalink statistics

-- Total of 3 flows:

Average throughput: 399.60 Mbit/s

95th percentile per-packet one-way delay: 110.520 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 196.62 Mbit/s

95th percentile per-packet one-way delay: 102.714 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 201.36 Mbit/s

95th percentile per-packet one-way delay: 133.537 ms

Loss rate: 0.09%

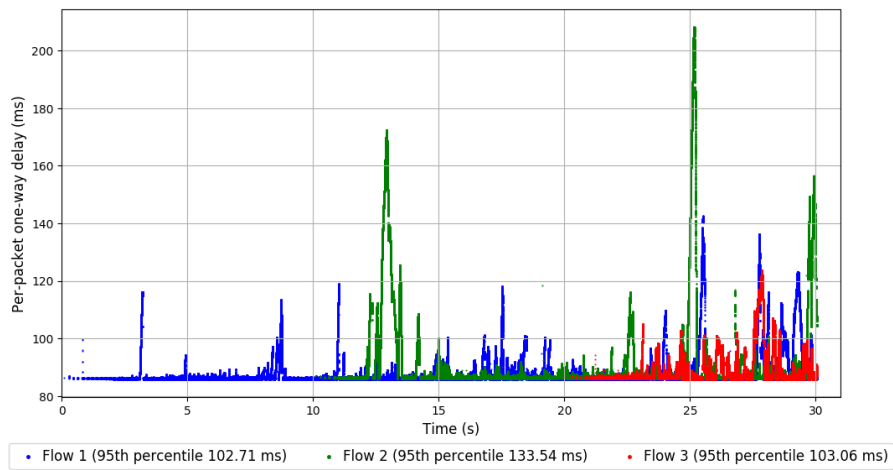
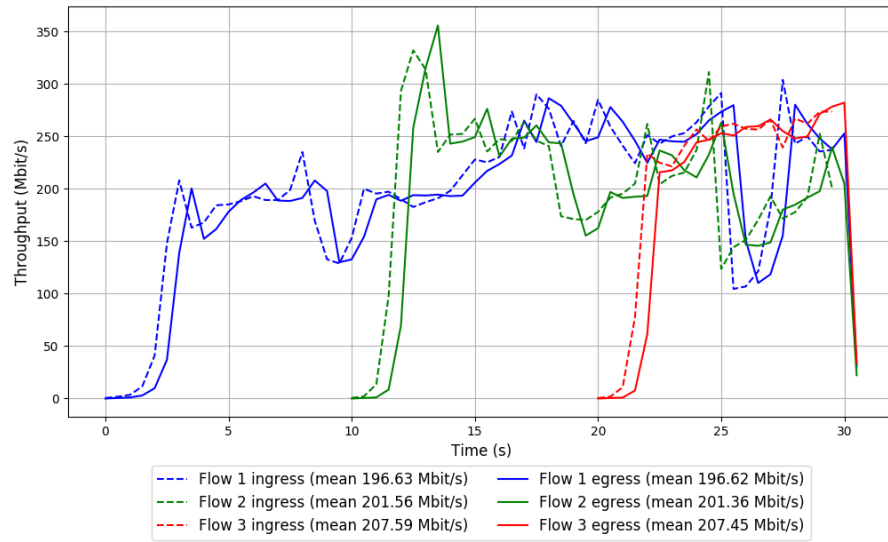
-- Flow 3:

Average throughput: 207.45 Mbit/s

95th percentile per-packet one-way delay: 103.062 ms

Loss rate: 0.06%

Run 9: Report of Copa — Data Link

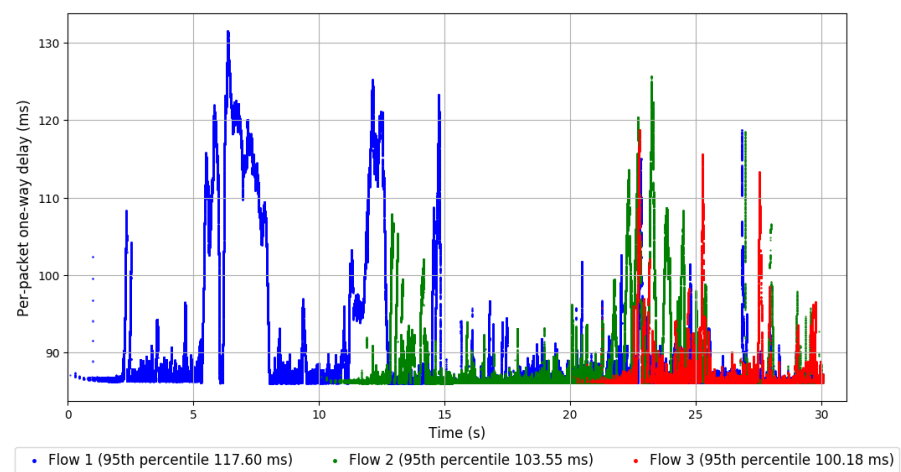
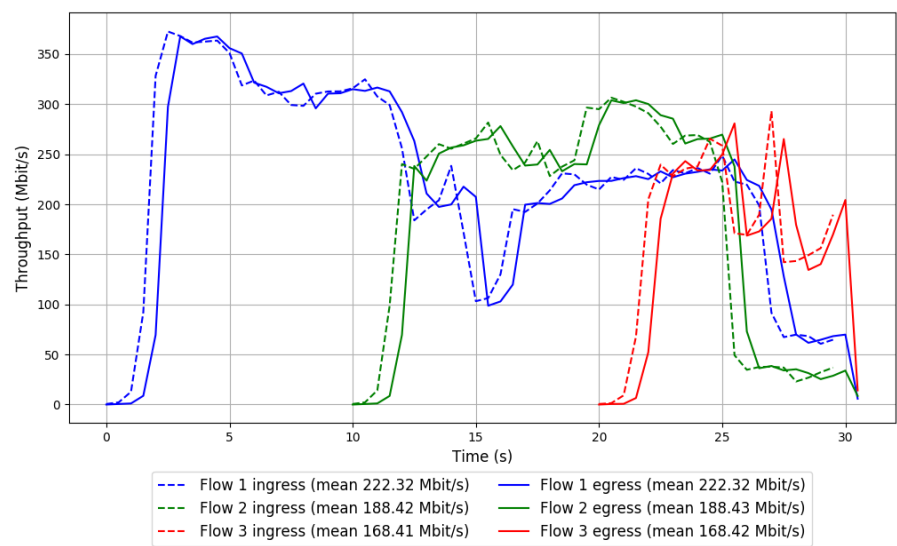


Run 10: Statistics of Copa

Start at: 2018-08-09 10:19:43
End at: 2018-08-09 10:20:13
Local clock offset: -0.354 ms
Remote clock offset: -0.011 ms

Below is generated by plot.py at 2018-08-09 11:29:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 403.77 Mbit/s
95th percentile per-packet one-way delay: 113.700 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 222.32 Mbit/s
95th percentile per-packet one-way delay: 117.596 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 188.43 Mbit/s
95th percentile per-packet one-way delay: 103.550 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 168.42 Mbit/s
95th percentile per-packet one-way delay: 100.176 ms
Loss rate: 0.00%

Run 10: Report of Copa — Data Link

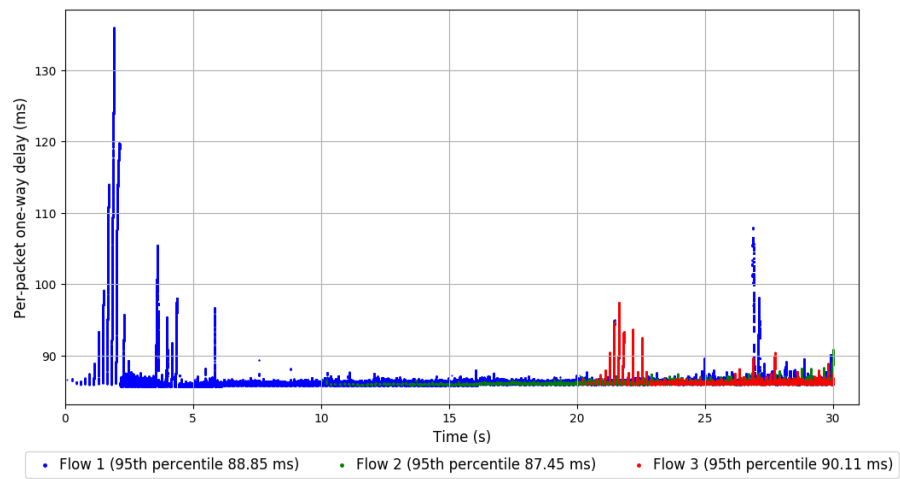
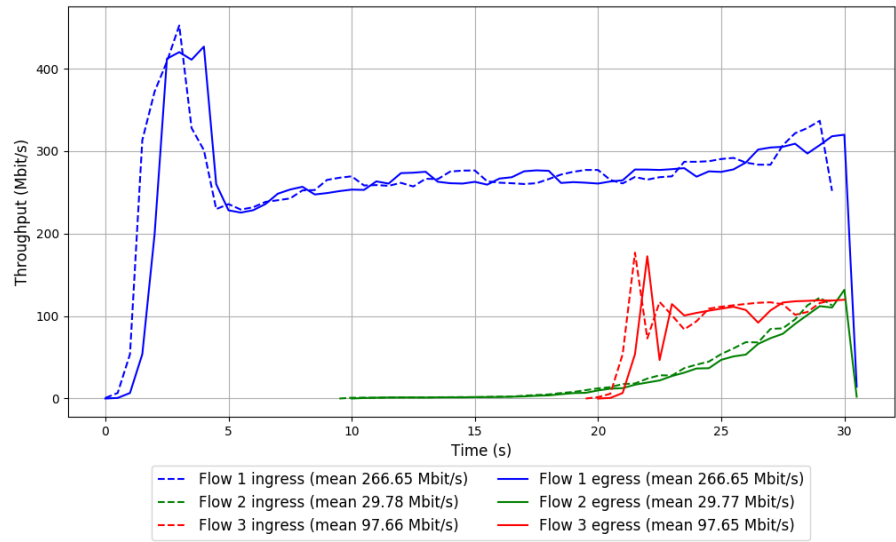


Run 1: Statistics of TCP Cubic

Start at: 2018-08-09 06:09:52
End at: 2018-08-09 06:10:22
Local clock offset: -0.047 ms
Remote clock offset: -0.071 ms

Below is generated by plot.py at 2018-08-09 11:29:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 318.97 Mbit/s
95th percentile per-packet one-way delay: 88.928 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 266.65 Mbit/s
95th percentile per-packet one-way delay: 88.850 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 29.77 Mbit/s
95th percentile per-packet one-way delay: 87.451 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 97.65 Mbit/s
95th percentile per-packet one-way delay: 90.111 ms
Loss rate: 0.00%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2018-08-09 06:37:23

End at: 2018-08-09 06:37:53

Local clock offset: -0.234 ms

Remote clock offset: 0.05 ms

Below is generated by plot.py at 2018-08-09 11:29:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 268.35 Mbit/s

95th percentile per-packet one-way delay: 88.272 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 145.69 Mbit/s

95th percentile per-packet one-way delay: 88.436 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 182.81 Mbit/s

95th percentile per-packet one-way delay: 87.841 ms

Loss rate: 0.00%

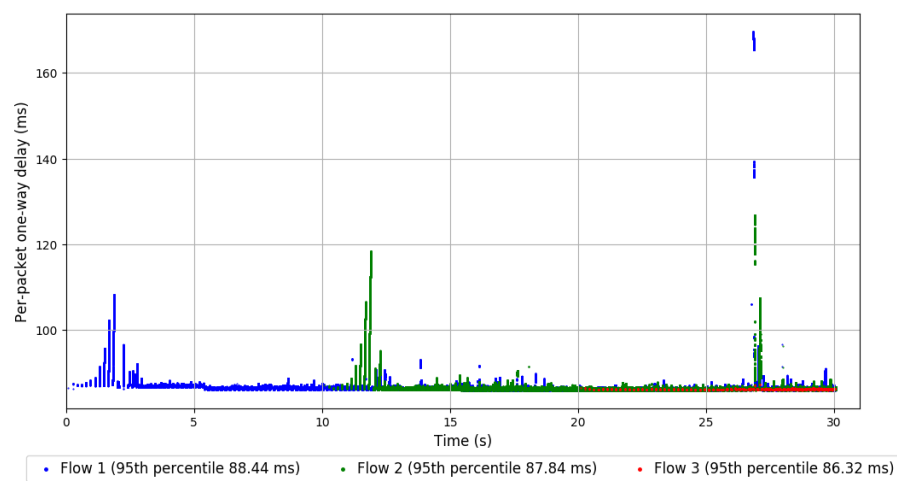
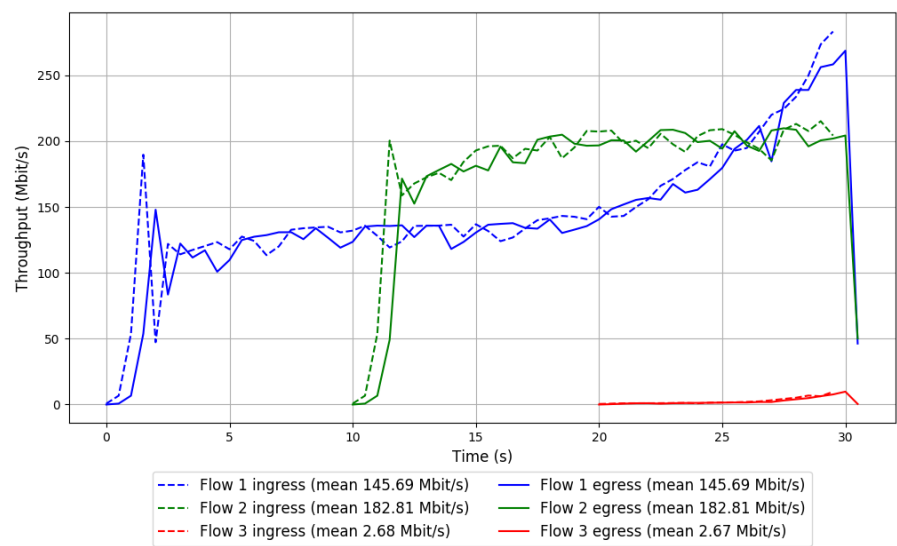
-- Flow 3:

Average throughput: 2.67 Mbit/s

95th percentile per-packet one-way delay: 86.316 ms

Loss rate: 0.27%

Run 2: Report of TCP Cubic — Data Link

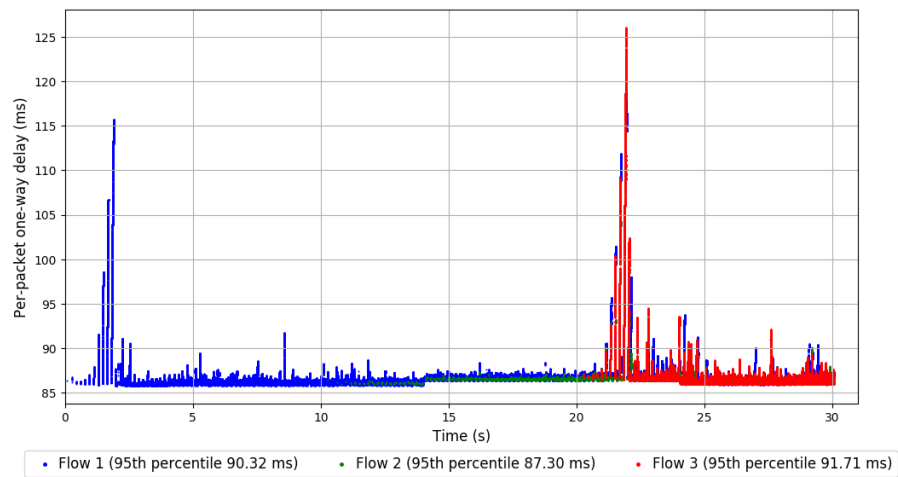
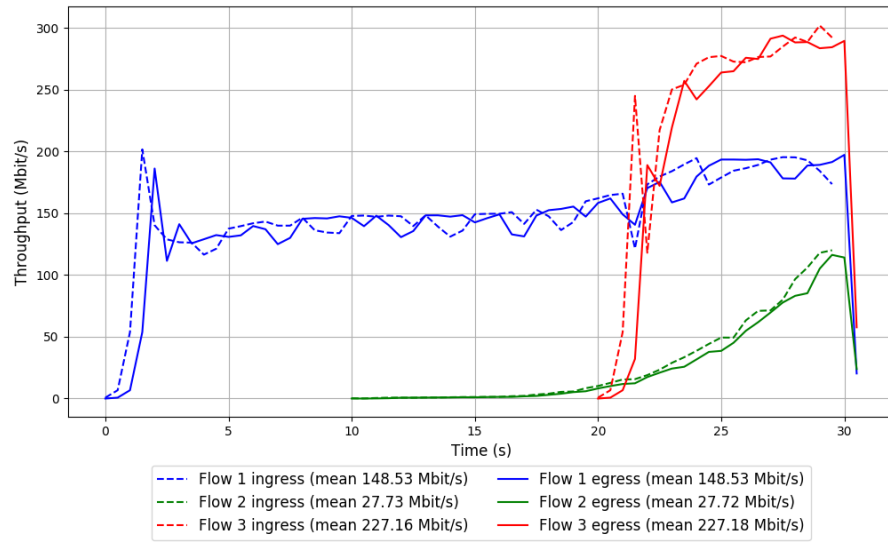


Run 3: Statistics of TCP Cubic

Start at: 2018-08-09 07:04:44
End at: 2018-08-09 07:05:14
Local clock offset: -0.118 ms
Remote clock offset: -0.042 ms

Below is generated by plot.py at 2018-08-09 11:29:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 242.49 Mbit/s
95th percentile per-packet one-way delay: 90.362 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 148.53 Mbit/s
95th percentile per-packet one-way delay: 90.322 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 27.72 Mbit/s
95th percentile per-packet one-way delay: 87.304 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 227.18 Mbit/s
95th percentile per-packet one-way delay: 91.710 ms
Loss rate: 0.00%

Run 3: Report of TCP Cubic — Data Link

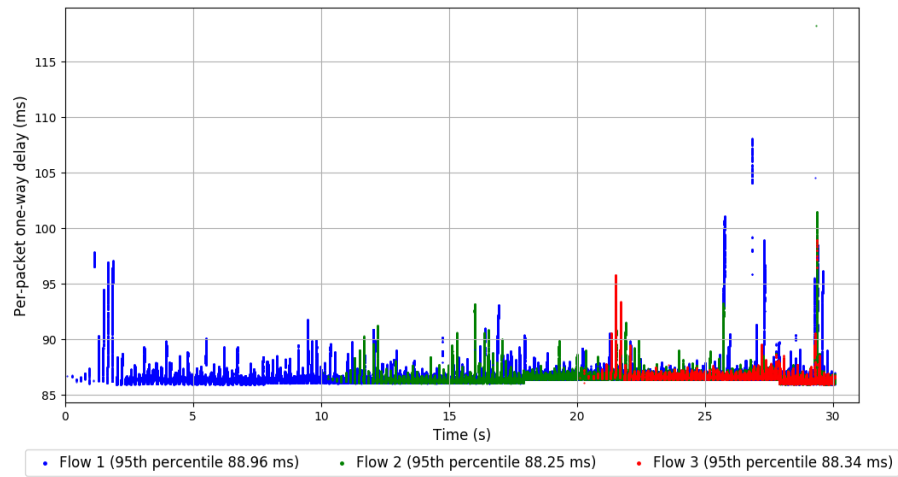
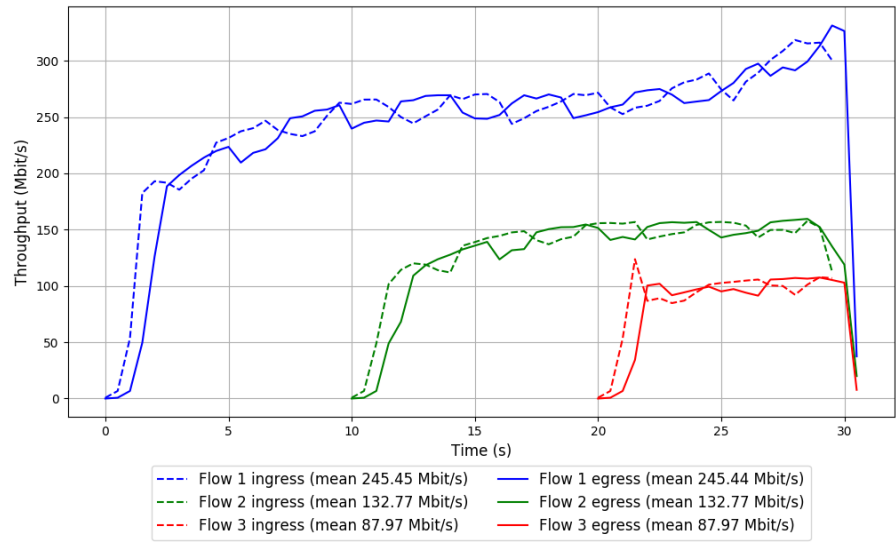


Run 4: Statistics of TCP Cubic

Start at: 2018-08-09 07:32:20
End at: 2018-08-09 07:32:50
Local clock offset: -0.065 ms
Remote clock offset: -0.048 ms

Below is generated by plot.py at 2018-08-09 11:29:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 363.12 Mbit/s
95th percentile per-packet one-way delay: 88.703 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 245.44 Mbit/s
95th percentile per-packet one-way delay: 88.958 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 132.77 Mbit/s
95th percentile per-packet one-way delay: 88.250 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 87.97 Mbit/s
95th percentile per-packet one-way delay: 88.343 ms
Loss rate: 0.00%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2018-08-09 07:59:55

End at: 2018-08-09 08:00:25

Local clock offset: 0.033 ms

Remote clock offset: -0.01 ms

Below is generated by plot.py at 2018-08-09 11:29:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 282.24 Mbit/s

95th percentile per-packet one-way delay: 89.281 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 195.91 Mbit/s

95th percentile per-packet one-way delay: 88.423 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 30.15 Mbit/s

95th percentile per-packet one-way delay: 87.897 ms

Loss rate: 0.01%

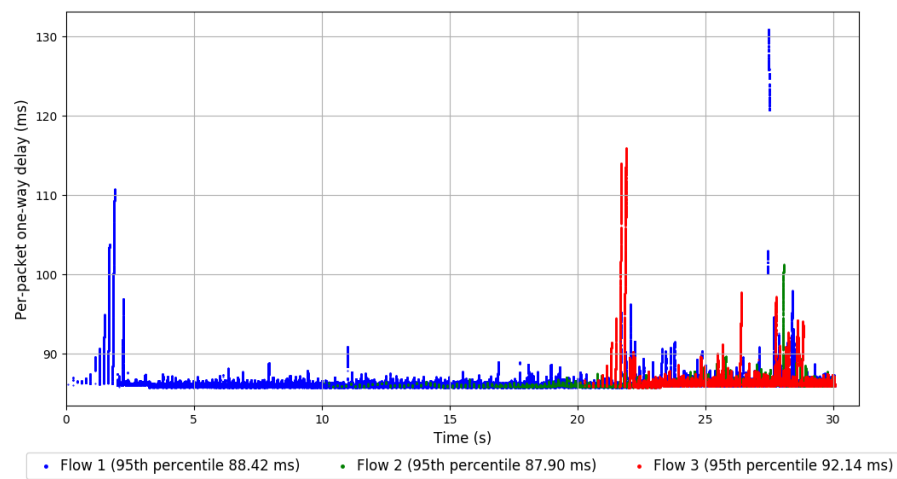
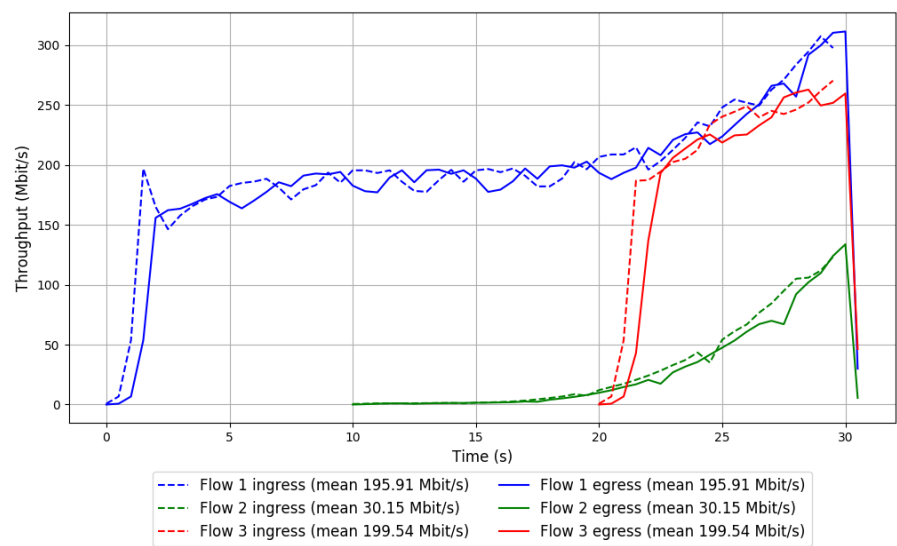
-- Flow 3:

Average throughput: 199.54 Mbit/s

95th percentile per-packet one-way delay: 92.137 ms

Loss rate: 0.00%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: 2018-08-09 08:27:07

End at: 2018-08-09 08:27:37

Local clock offset: 0.014 ms

Remote clock offset: -0.09 ms

Below is generated by plot.py at 2018-08-09 11:29:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 376.43 Mbit/s

95th percentile per-packet one-way delay: 90.517 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 193.86 Mbit/s

95th percentile per-packet one-way delay: 90.811 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 272.87 Mbit/s

95th percentile per-packet one-way delay: 89.849 ms

Loss rate: 0.00%

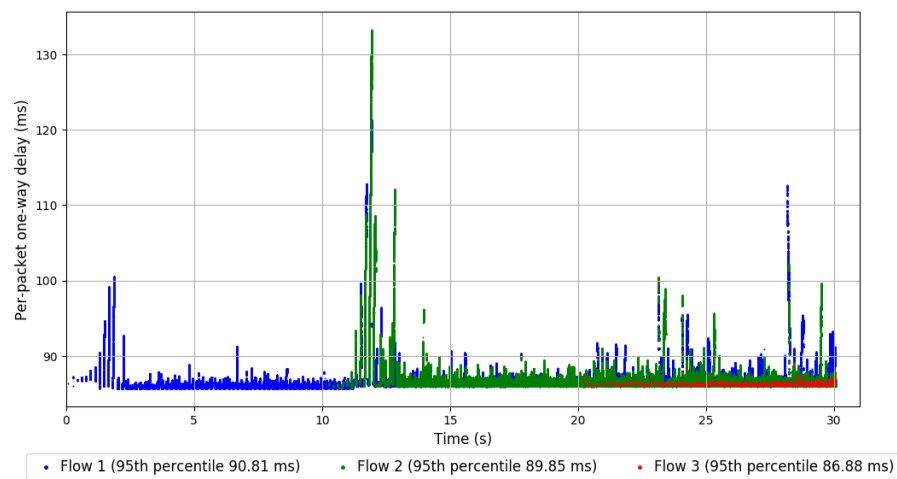
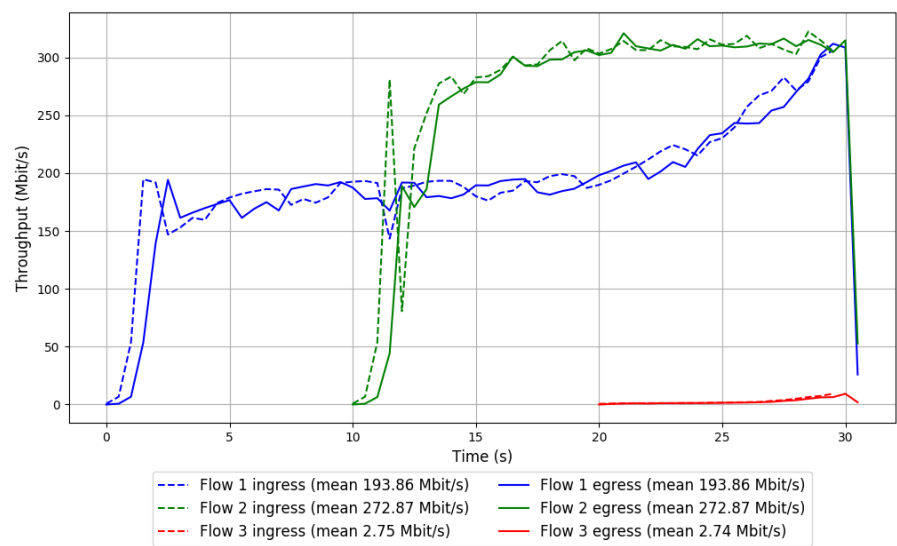
-- Flow 3:

Average throughput: 2.74 Mbit/s

95th percentile per-packet one-way delay: 86.876 ms

Loss rate: 0.13%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: 2018-08-09 08:54:21

End at: 2018-08-09 08:54:51

Local clock offset: -0.164 ms

Remote clock offset: -0.01 ms

Below is generated by plot.py at 2018-08-09 11:29:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 251.97 Mbit/s

95th percentile per-packet one-way delay: 91.546 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 136.19 Mbit/s

95th percentile per-packet one-way delay: 90.312 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 172.58 Mbit/s

95th percentile per-packet one-way delay: 94.956 ms

Loss rate: 0.00%

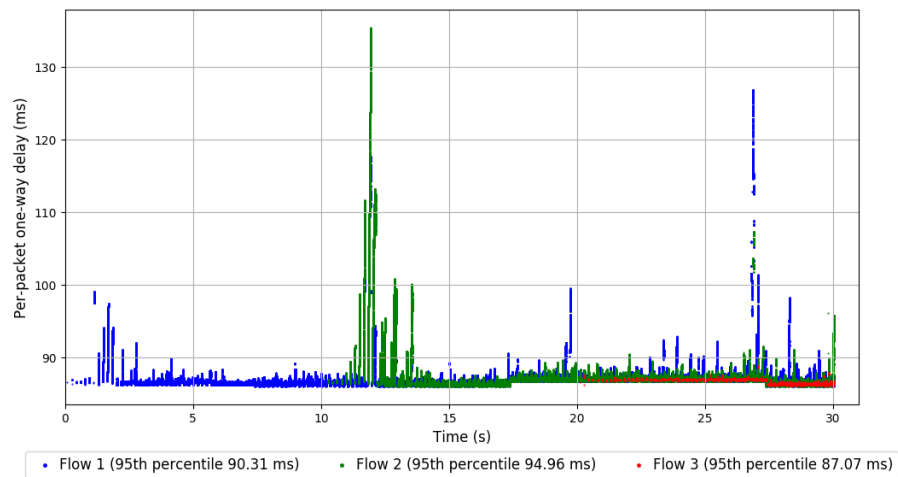
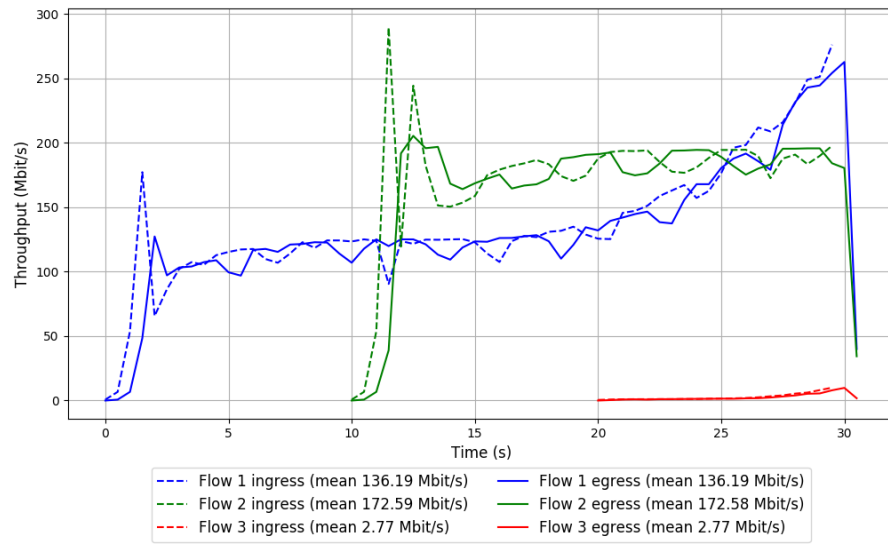
-- Flow 3:

Average throughput: 2.77 Mbit/s

95th percentile per-packet one-way delay: 87.073 ms

Loss rate: 0.22%

Run 7: Report of TCP Cubic — Data Link

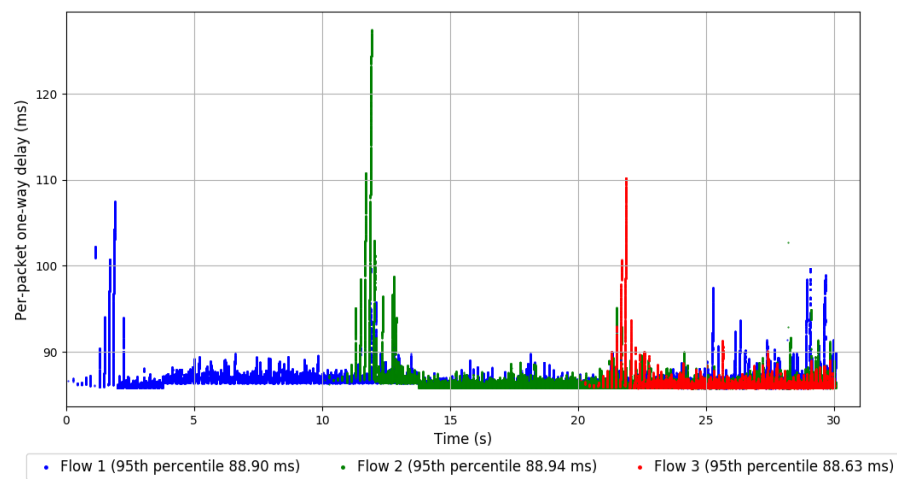
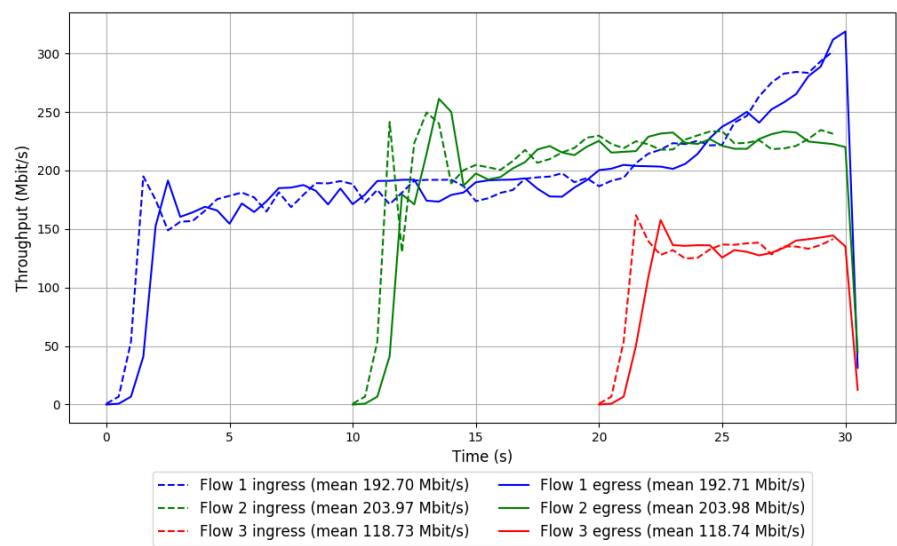


Run 8: Statistics of TCP Cubic

Start at: 2018-08-09 09:21:34
End at: 2018-08-09 09:22:04
Local clock offset: -0.055 ms
Remote clock offset: -0.034 ms

Below is generated by plot.py at 2018-08-09 11:32:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 367.98 Mbit/s
95th percentile per-packet one-way delay: 88.882 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 192.71 Mbit/s
95th percentile per-packet one-way delay: 88.896 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 203.98 Mbit/s
95th percentile per-packet one-way delay: 88.937 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 118.74 Mbit/s
95th percentile per-packet one-way delay: 88.626 ms
Loss rate: 0.00%

Run 8: Report of TCP Cubic — Data Link

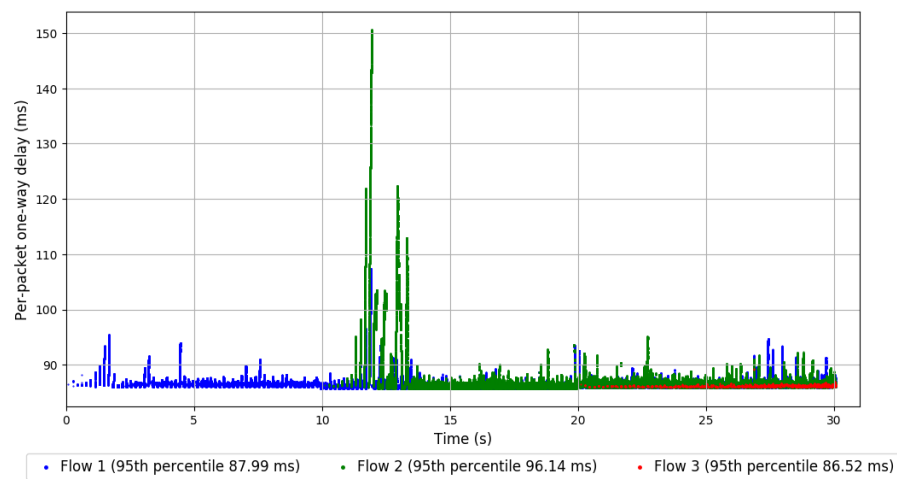
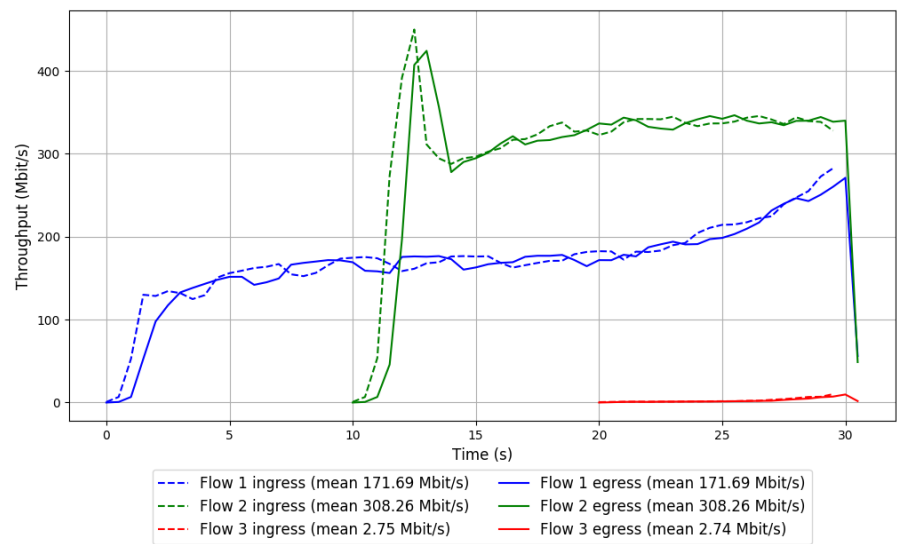


Run 9: Statistics of TCP Cubic

Start at: 2018-08-09 09:48:48
End at: 2018-08-09 09:49:18
Local clock offset: -0.063 ms
Remote clock offset: -0.039 ms

Below is generated by plot.py at 2018-08-09 11:33:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 377.94 Mbit/s
95th percentile per-packet one-way delay: 90.259 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 171.69 Mbit/s
95th percentile per-packet one-way delay: 87.991 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 308.26 Mbit/s
95th percentile per-packet one-way delay: 96.142 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.74 Mbit/s
95th percentile per-packet one-way delay: 86.519 ms
Loss rate: 0.22%

Run 9: Report of TCP Cubic — Data Link

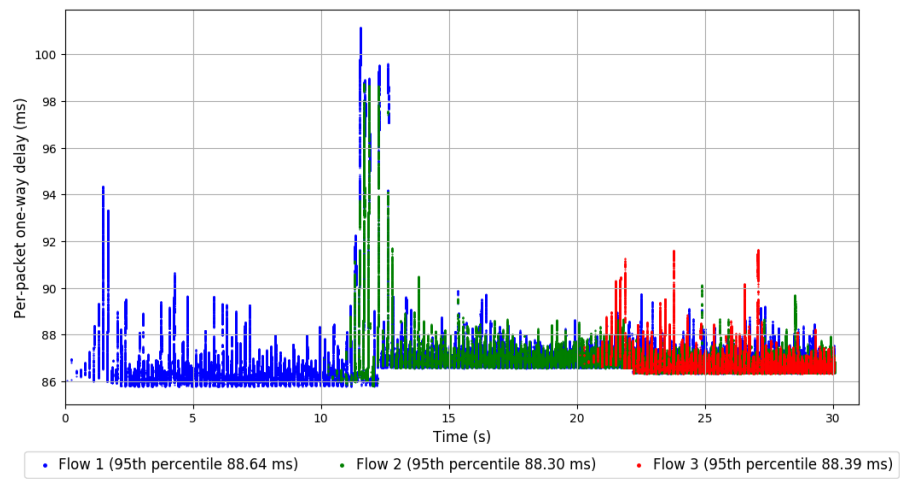
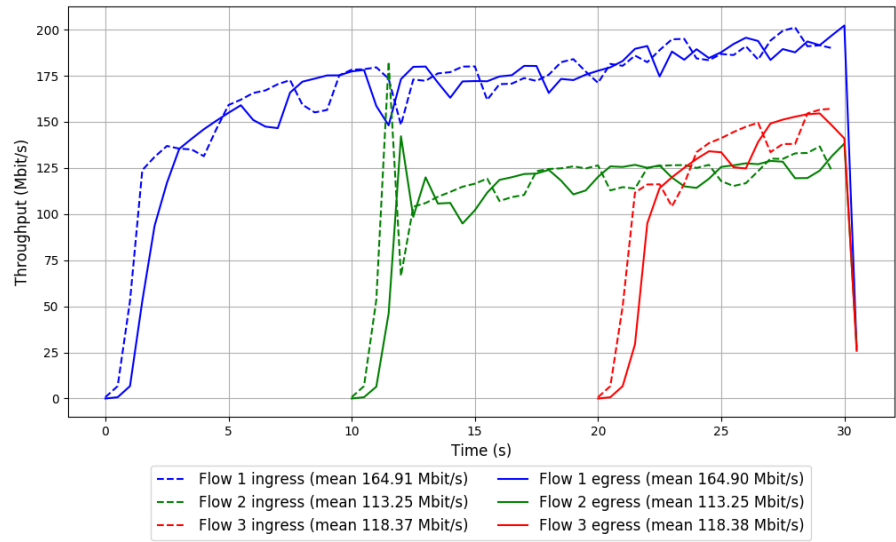


Run 10: Statistics of TCP Cubic

Start at: 2018-08-09 10:16:16
End at: 2018-08-09 10:16:46
Local clock offset: -0.077 ms
Remote clock offset: -0.033 ms

Below is generated by plot.py at 2018-08-09 11:33:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 279.59 Mbit/s
95th percentile per-packet one-way delay: 88.495 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 164.90 Mbit/s
95th percentile per-packet one-way delay: 88.643 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 113.25 Mbit/s
95th percentile per-packet one-way delay: 88.301 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 118.38 Mbit/s
95th percentile per-packet one-way delay: 88.392 ms
Loss rate: 0.00%

Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of FillP

Start at: 2018-08-09 06:15:10

End at: 2018-08-09 06:15:40

Local clock offset: -0.043 ms

Remote clock offset: -0.05 ms

Below is generated by plot.py at 2018-08-09 11:53:48

Datalink statistics

-- Total of 3 flows:

Average throughput: 1275.81 Mbit/s

95th percentile per-packet one-way delay: 183.955 ms

Loss rate: 5.10%

-- Flow 1:

Average throughput: 664.75 Mbit/s

95th percentile per-packet one-way delay: 186.392 ms

Loss rate: 5.67%

-- Flow 2:

Average throughput: 656.51 Mbit/s

95th percentile per-packet one-way delay: 184.757 ms

Loss rate: 6.15%

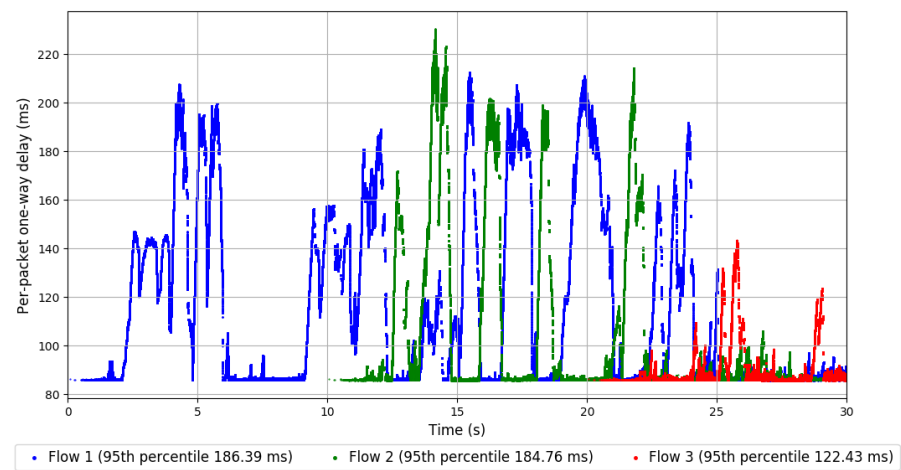
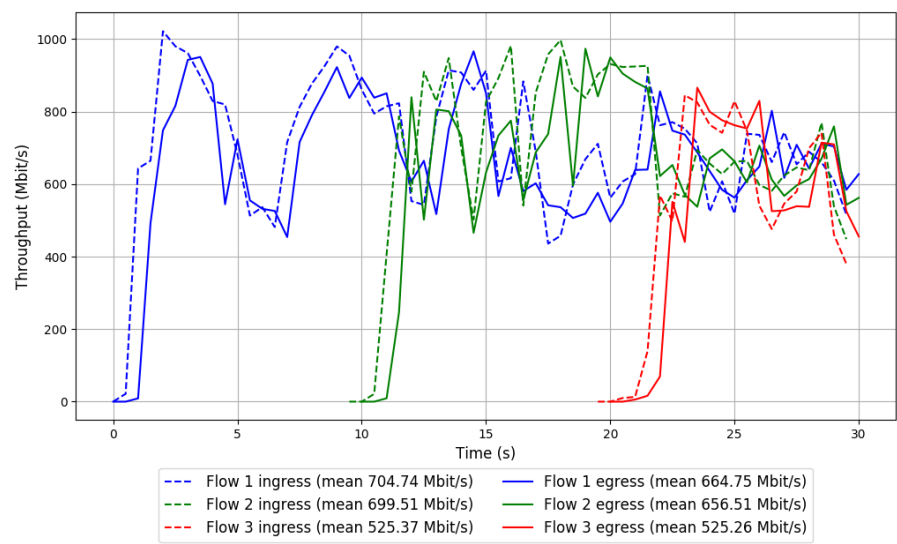
-- Flow 3:

Average throughput: 525.26 Mbit/s

95th percentile per-packet one-way delay: 122.428 ms

Loss rate: 0.00%

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2018-08-09 06:42:35

End at: 2018-08-09 06:43:05

Local clock offset: 0.05 ms

Remote clock offset: 0.015 ms

Below is generated by plot.py at 2018-08-09 11:56:44

Datalink statistics

-- Total of 3 flows:

Average throughput: 1401.66 Mbit/s

95th percentile per-packet one-way delay: 158.874 ms

Loss rate: 3.01%

-- Flow 1:

Average throughput: 742.88 Mbit/s

95th percentile per-packet one-way delay: 161.604 ms

Loss rate: 3.77%

-- Flow 2:

Average throughput: 707.65 Mbit/s

95th percentile per-packet one-way delay: 153.467 ms

Loss rate: 2.83%

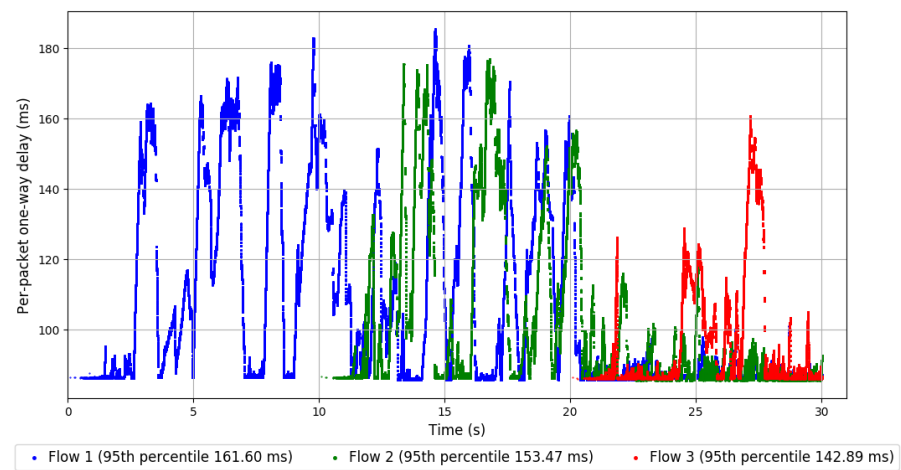
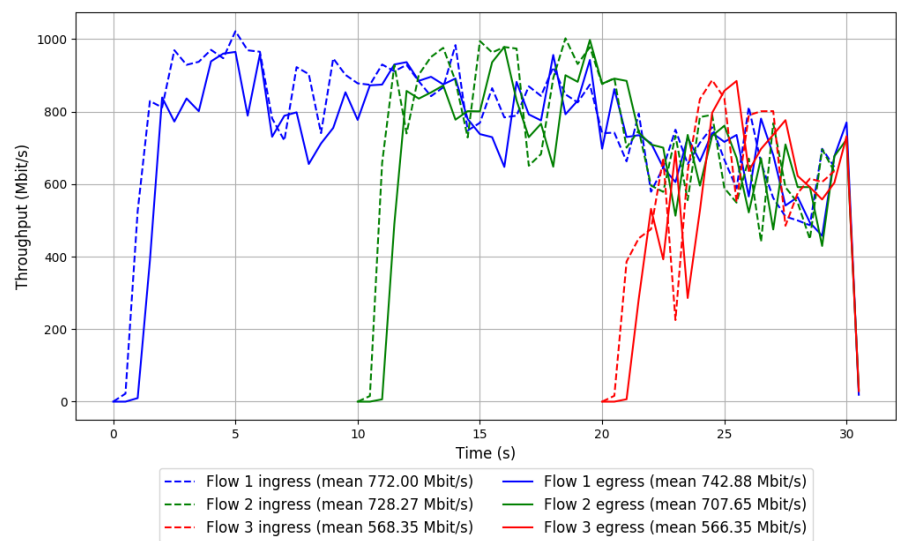
-- Flow 3:

Average throughput: 566.35 Mbit/s

95th percentile per-packet one-way delay: 142.894 ms

Loss rate: 0.36%

Run 2: Report of FillP — Data Link

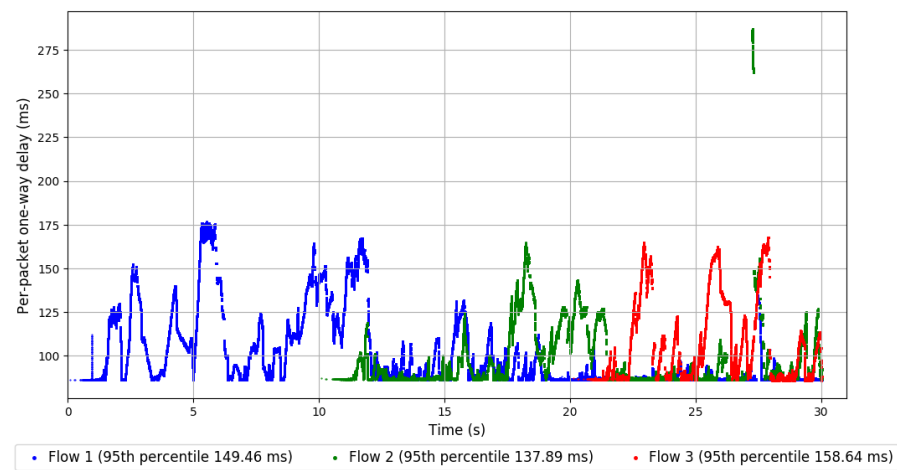
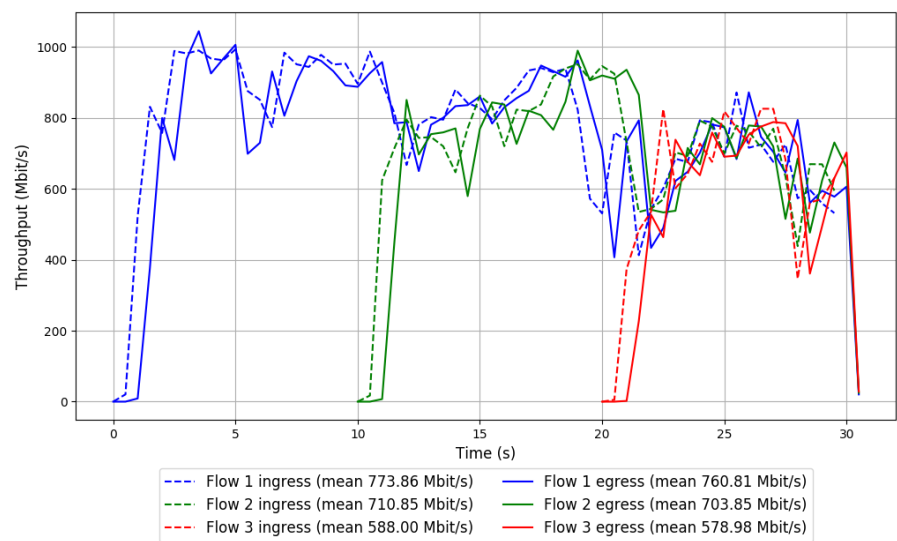


Run 3: Statistics of FillP

Start at: 2018-08-09 07:10:10
End at: 2018-08-09 07:10:40
Local clock offset: -0.14 ms
Remote clock offset: -0.031 ms

Below is generated by plot.py at 2018-08-09 11:56:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 1420.85 Mbit/s
95th percentile per-packet one-way delay: 149.571 ms
Loss rate: 1.43%
-- Flow 1:
Average throughput: 760.81 Mbit/s
95th percentile per-packet one-way delay: 149.455 ms
Loss rate: 1.68%
-- Flow 2:
Average throughput: 703.85 Mbit/s
95th percentile per-packet one-way delay: 137.888 ms
Loss rate: 0.99%
-- Flow 3:
Average throughput: 578.98 Mbit/s
95th percentile per-packet one-way delay: 158.642 ms
Loss rate: 1.52%

Run 3: Report of FillP — Data Link

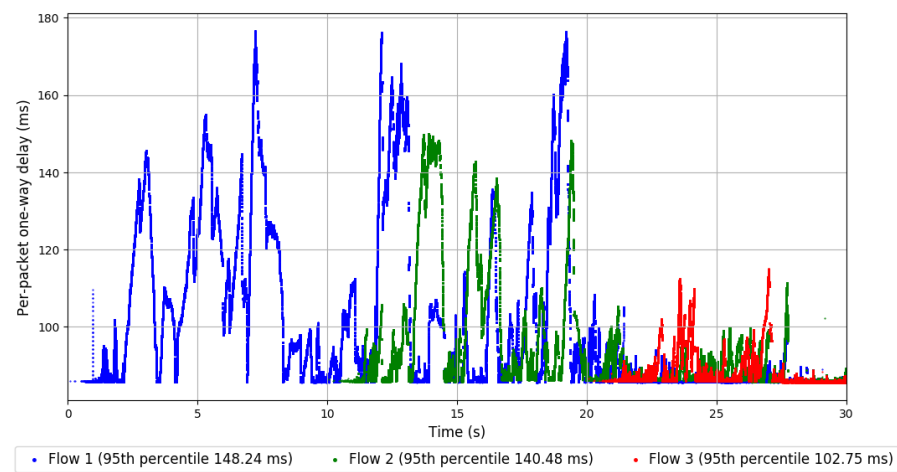
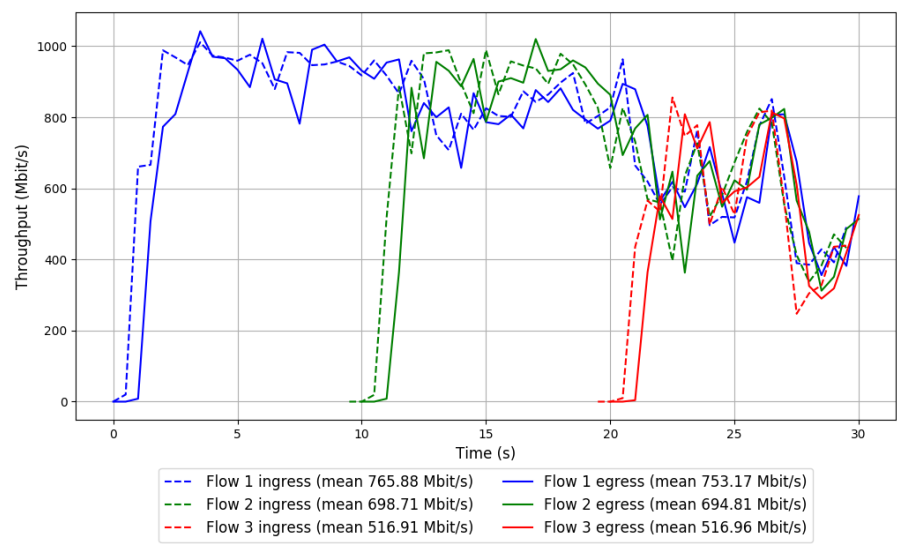


Run 4: Statistics of FillP

Start at: 2018-08-09 07:37:41
End at: 2018-08-09 07:38:11
Local clock offset: 0.049 ms
Remote clock offset: -0.028 ms

Below is generated by plot.py at 2018-08-09 11:56:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 1387.80 Mbit/s
95th percentile per-packet one-way delay: 144.119 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 753.17 Mbit/s
95th percentile per-packet one-way delay: 148.235 ms
Loss rate: 1.66%
-- Flow 2:
Average throughput: 694.81 Mbit/s
95th percentile per-packet one-way delay: 140.478 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 516.96 Mbit/s
95th percentile per-packet one-way delay: 102.746 ms
Loss rate: 0.00%

Run 4: Report of FillP — Data Link

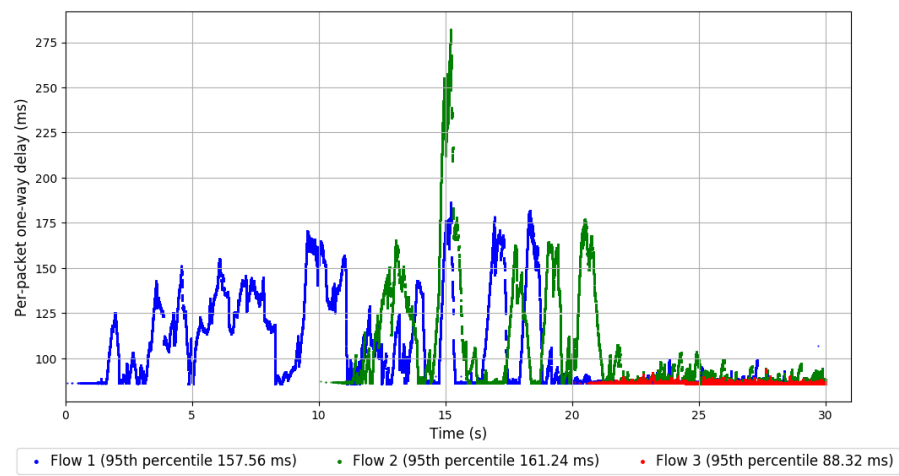
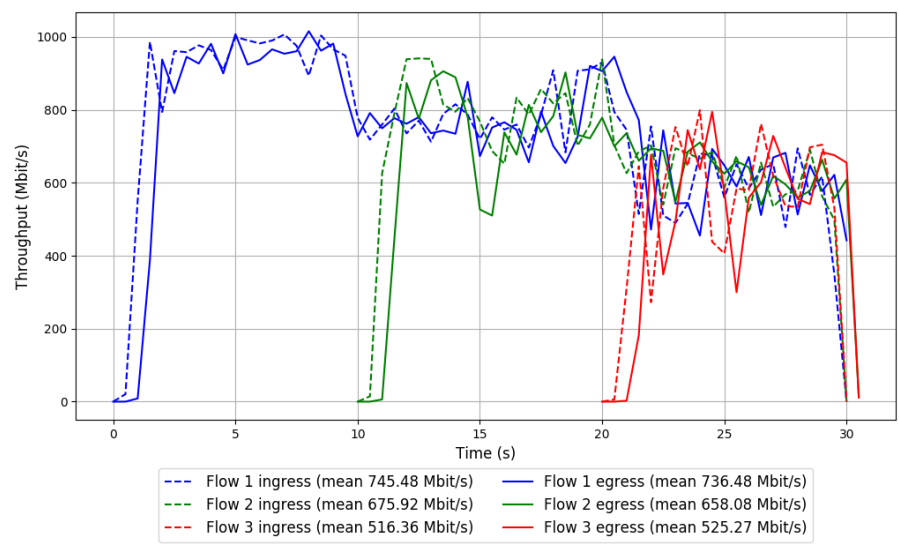


Run 5: Statistics of FillP

Start at: 2018-08-09 08:05:04
End at: 2018-08-09 08:05:34
Local clock offset: -0.16 ms
Remote clock offset: -0.049 ms

Below is generated by plot.py at 2018-08-09 11:56:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 1348.08 Mbit/s
95th percentile per-packet one-way delay: 158.228 ms
Loss rate: 2.17%
-- Flow 1:
Average throughput: 736.48 Mbit/s
95th percentile per-packet one-way delay: 157.556 ms
Loss rate: 1.83%
-- Flow 2:
Average throughput: 658.08 Mbit/s
95th percentile per-packet one-way delay: 161.240 ms
Loss rate: 3.57%
-- Flow 3:
Average throughput: 525.27 Mbit/s
95th percentile per-packet one-way delay: 88.321 ms
Loss rate: 0.00%

Run 5: Report of FillP — Data Link

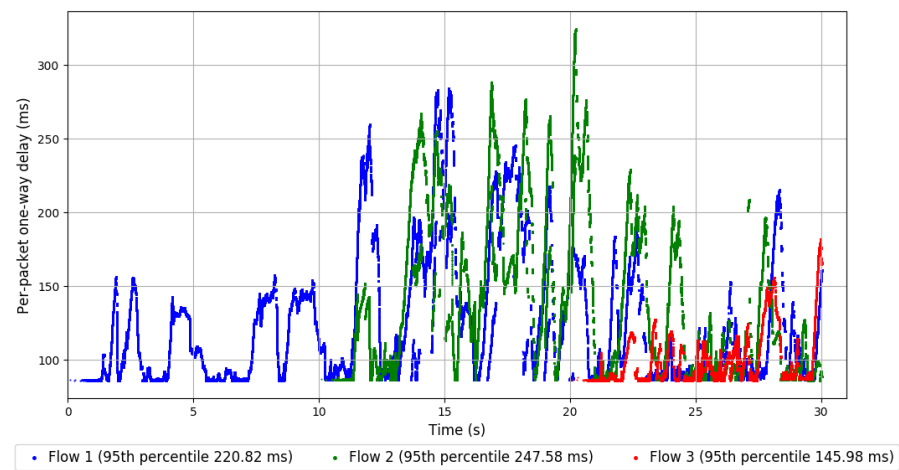
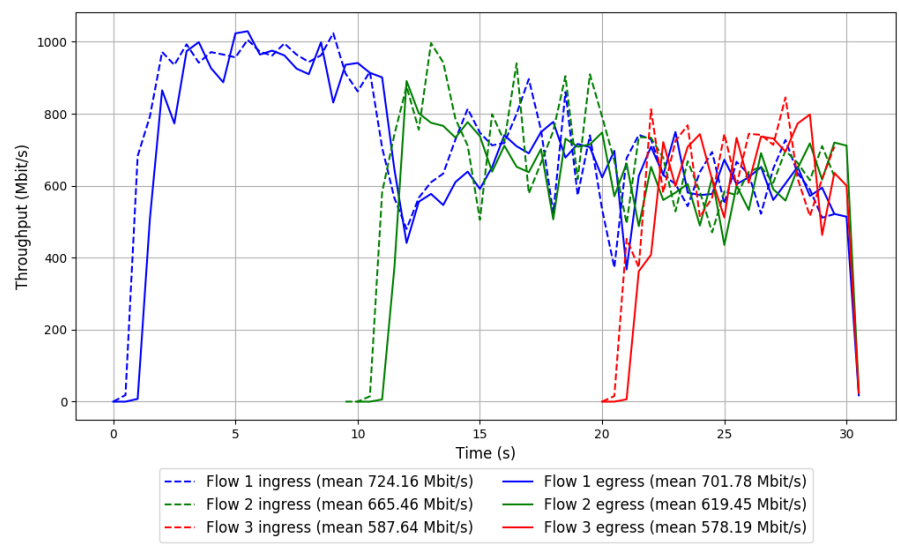


Run 6: Statistics of FillP

Start at: 2018-08-09 08:32:29
End at: 2018-08-09 08:32:59
Local clock offset: 0.068 ms
Remote clock offset: -0.031 ms

Below is generated by plot.py at 2018-08-09 11:59:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 1305.93 Mbit/s
95th percentile per-packet one-way delay: 228.055 ms
Loss rate: 4.12%
-- Flow 1:
Average throughput: 701.78 Mbit/s
95th percentile per-packet one-way delay: 220.825 ms
Loss rate: 3.09%
-- Flow 2:
Average throughput: 619.45 Mbit/s
95th percentile per-packet one-way delay: 247.578 ms
Loss rate: 6.91%
-- Flow 3:
Average throughput: 578.19 Mbit/s
95th percentile per-packet one-way delay: 145.981 ms
Loss rate: 1.60%

Run 6: Report of FillP — Data Link

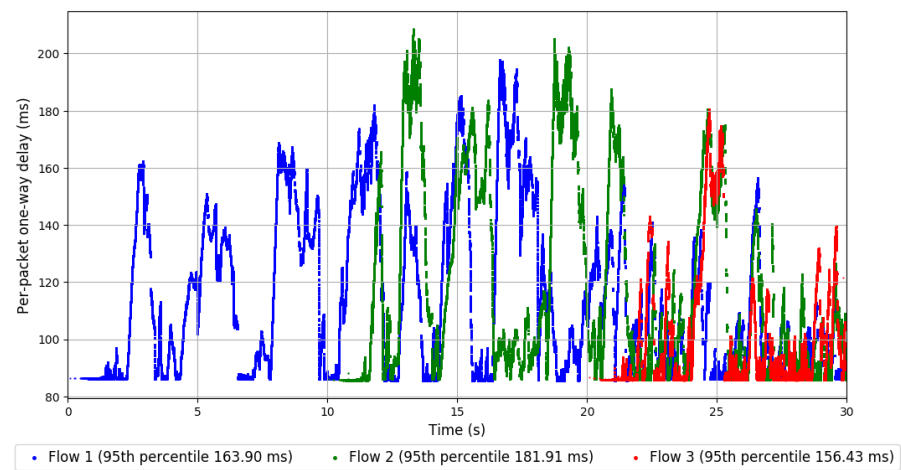
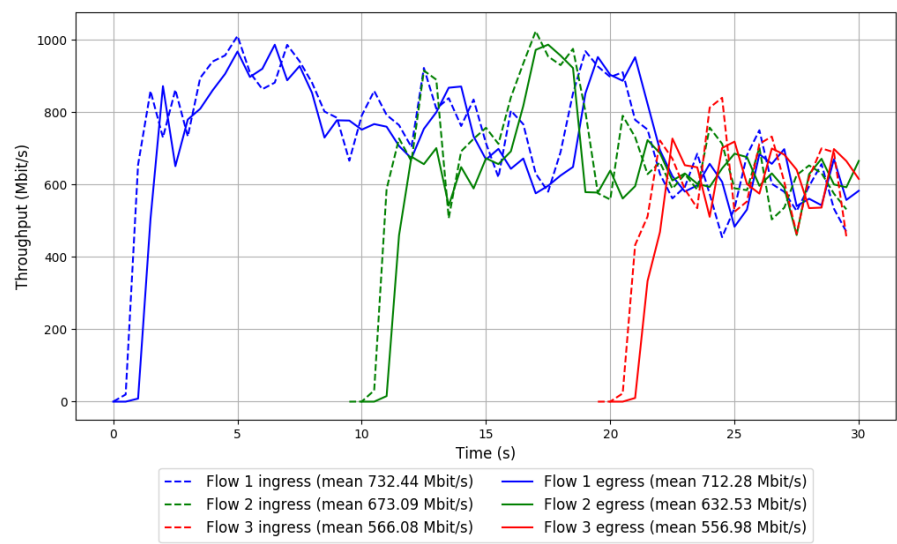


Run 7: Statistics of FillP

Start at: 2018-08-09 08:59:36
End at: 2018-08-09 09:00:06
Local clock offset: 0.211 ms
Remote clock offset: -0.014 ms

Below is generated by plot.py at 2018-08-09 11:59:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 1318.45 Mbit/s
95th percentile per-packet one-way delay: 171.305 ms
Loss rate: 3.66%
-- Flow 1:
Average throughput: 712.28 Mbit/s
95th percentile per-packet one-way delay: 163.898 ms
Loss rate: 2.75%
-- Flow 2:
Average throughput: 632.53 Mbit/s
95th percentile per-packet one-way delay: 181.909 ms
Loss rate: 6.02%
-- Flow 3:
Average throughput: 556.98 Mbit/s
95th percentile per-packet one-way delay: 156.425 ms
Loss rate: 1.56%

Run 7: Report of FillP — Data Link

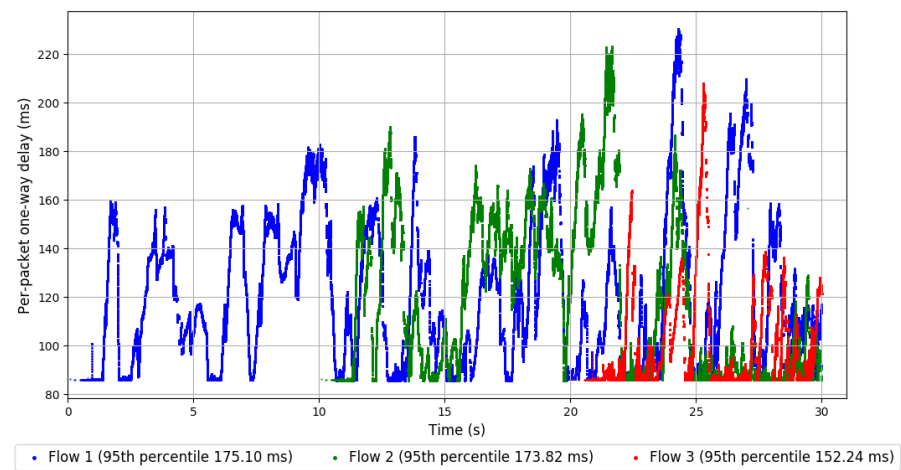
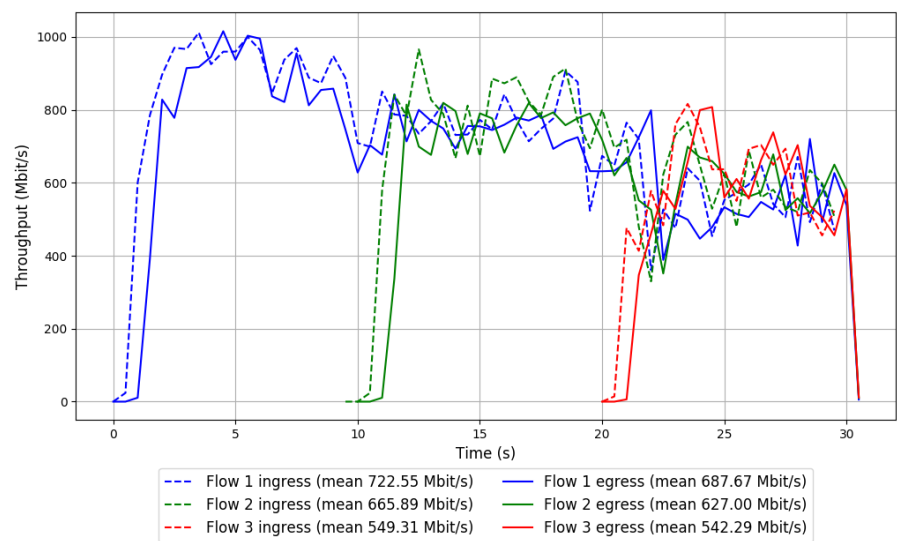


Run 8: Statistics of FillP

Start at: 2018-08-09 09:26:47
End at: 2018-08-09 09:27:17
Local clock offset: 0.111 ms
Remote clock offset: -0.041 ms

Below is generated by plot.py at 2018-08-09 11:59:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 1284.49 Mbit/s
95th percentile per-packet one-way delay: 173.602 ms
Loss rate: 4.67%
-- Flow 1:
Average throughput: 687.67 Mbit/s
95th percentile per-packet one-way delay: 175.099 ms
Loss rate: 4.81%
-- Flow 2:
Average throughput: 627.00 Mbit/s
95th percentile per-packet one-way delay: 173.820 ms
Loss rate: 5.84%
-- Flow 3:
Average throughput: 542.29 Mbit/s
95th percentile per-packet one-way delay: 152.242 ms
Loss rate: 1.25%

Run 8: Report of FillP — Data Link

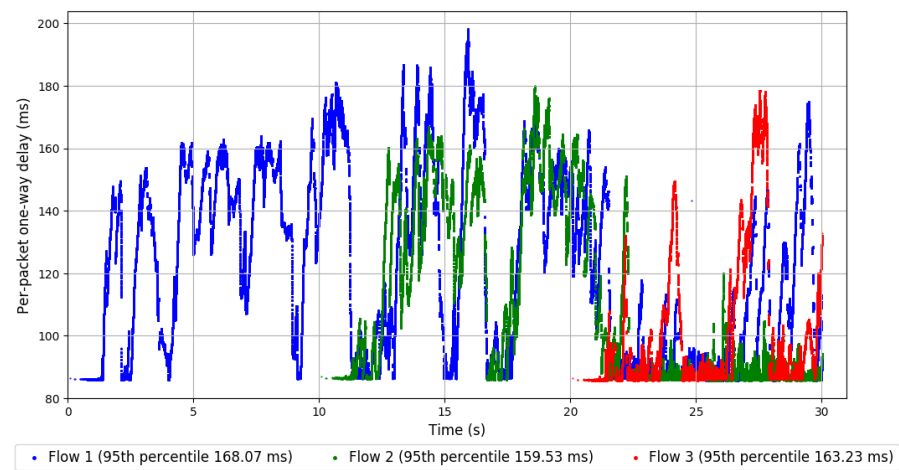
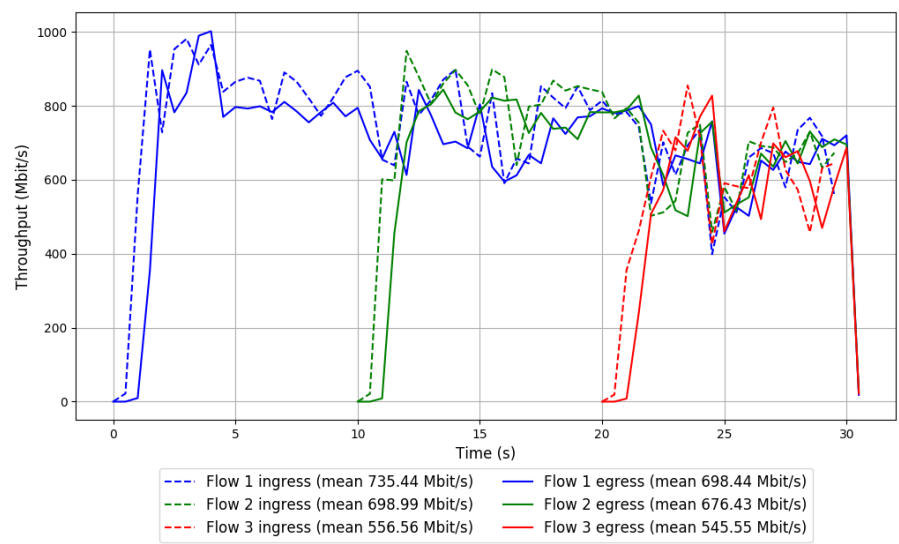


Run 9: Statistics of FillP

Start at: 2018-08-09 09:54:13
End at: 2018-08-09 09:54:43
Local clock offset: 0.039 ms
Remote clock offset: -0.016 ms

Below is generated by plot.py at 2018-08-09 12:20:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 1329.32 Mbit/s
95th percentile per-packet one-way delay: 164.481 ms
Loss rate: 4.01%
-- Flow 1:
Average throughput: 698.44 Mbit/s
95th percentile per-packet one-way delay: 168.075 ms
Loss rate: 5.02%
-- Flow 2:
Average throughput: 676.43 Mbit/s
95th percentile per-packet one-way delay: 159.535 ms
Loss rate: 3.23%
-- Flow 3:
Average throughput: 545.55 Mbit/s
95th percentile per-packet one-way delay: 163.228 ms
Loss rate: 1.97%

Run 9: Report of FillP — Data Link

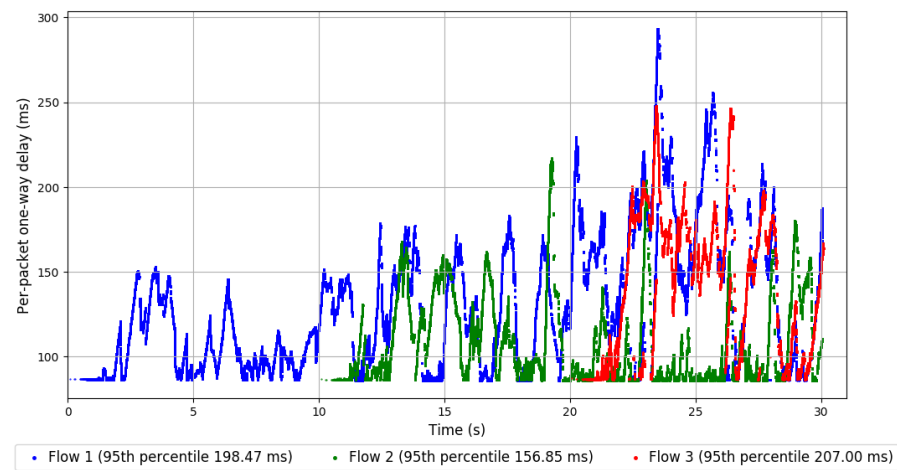
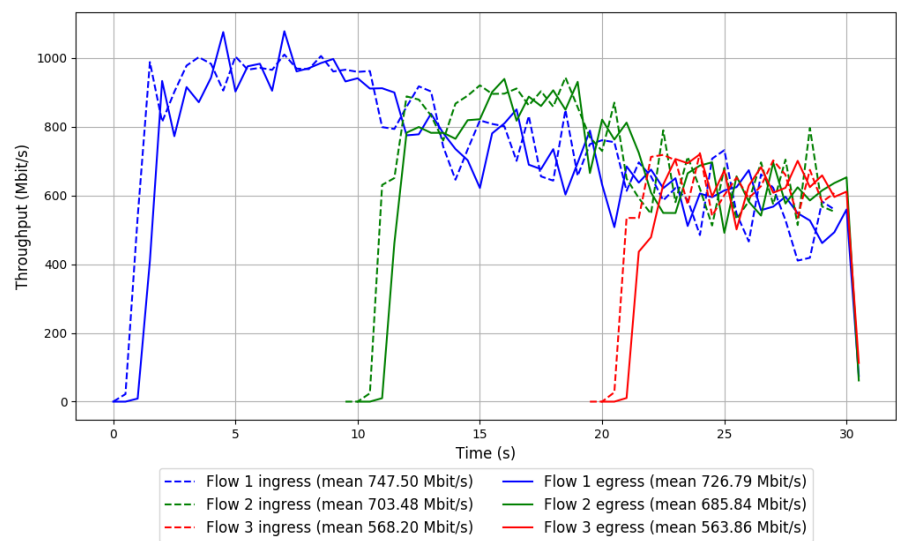


Run 10: Statistics of FillP

Start at: 2018-08-09 10:21:38
End at: 2018-08-09 10:22:08
Local clock offset: -0.19 ms
Remote clock offset: -0.044 ms

Below is generated by plot.py at 2018-08-09 12:22:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 1370.50 Mbit/s
95th percentile per-packet one-way delay: 192.612 ms
Loss rate: 2.21%
-- Flow 1:
Average throughput: 726.79 Mbit/s
95th percentile per-packet one-way delay: 198.472 ms
Loss rate: 2.64%
-- Flow 2:
Average throughput: 685.84 Mbit/s
95th percentile per-packet one-way delay: 156.847 ms
Loss rate: 2.40%
-- Flow 3:
Average throughput: 563.86 Mbit/s
95th percentile per-packet one-way delay: 207.001 ms
Loss rate: 0.07%

Run 10: Report of FillP — Data Link

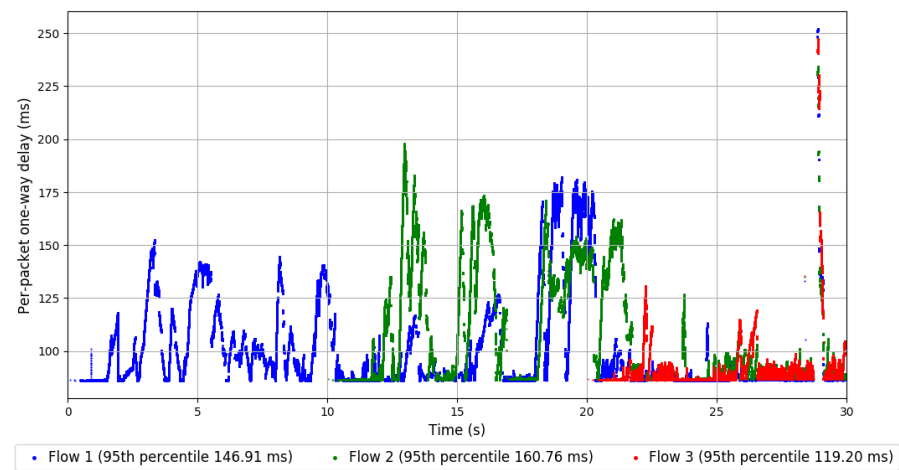
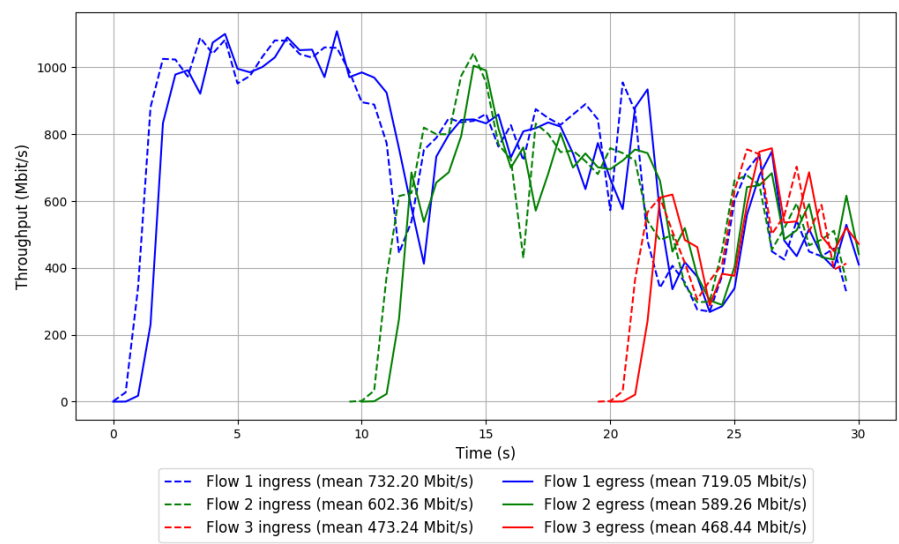


Run 1: Statistics of FillP-Sheep

Start at: 2018-08-09 06:01:31
End at: 2018-08-09 06:02:01
Local clock offset: -0.355 ms
Remote clock offset: -0.071 ms

Below is generated by plot.py at 2018-08-09 12:22:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 1267.73 Mbit/s
95th percentile per-packet one-way delay: 155.236 ms
Loss rate: 1.81%
-- Flow 1:
Average throughput: 719.05 Mbit/s
95th percentile per-packet one-way delay: 146.910 ms
Loss rate: 1.80%
-- Flow 2:
Average throughput: 589.26 Mbit/s
95th percentile per-packet one-way delay: 160.757 ms
Loss rate: 2.18%
-- Flow 3:
Average throughput: 468.44 Mbit/s
95th percentile per-packet one-way delay: 119.203 ms
Loss rate: 0.96%

Run 1: Report of FillP-Sheep — Data Link

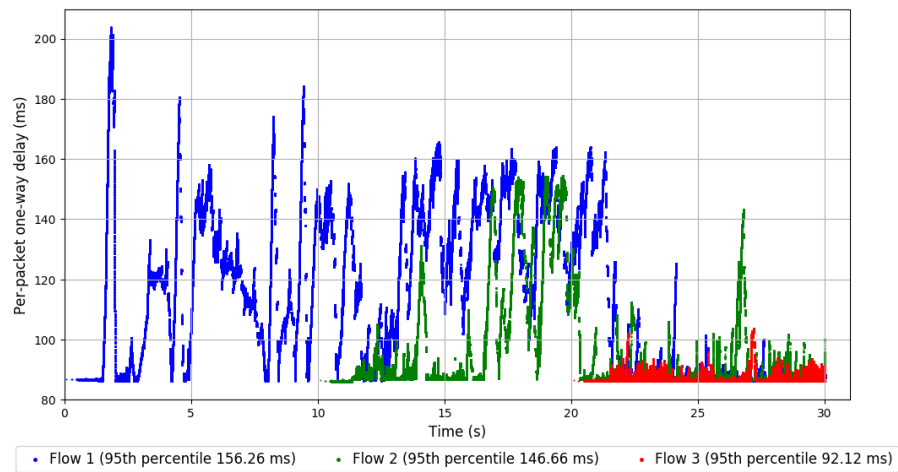
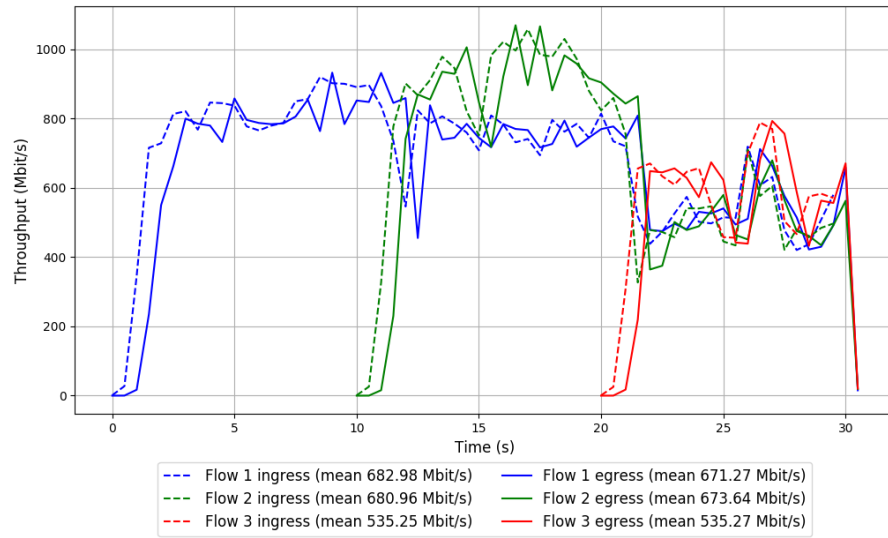


Run 2: Statistics of FillP-Sheep

Start at: 2018-08-09 06:28:57
End at: 2018-08-09 06:29:27
Local clock offset: -0.376 ms
Remote clock offset: -0.012 ms

Below is generated by plot.py at 2018-08-09 12:22:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 1296.92 Mbit/s
95th percentile per-packet one-way delay: 151.291 ms
Loss rate: 1.24%
-- Flow 1:
Average throughput: 671.27 Mbit/s
95th percentile per-packet one-way delay: 156.260 ms
Loss rate: 1.72%
-- Flow 2:
Average throughput: 673.64 Mbit/s
95th percentile per-packet one-way delay: 146.659 ms
Loss rate: 1.01%
-- Flow 3:
Average throughput: 535.27 Mbit/s
95th percentile per-packet one-way delay: 92.119 ms
Loss rate: 0.00%

Run 2: Report of FillP-Sheep — Data Link

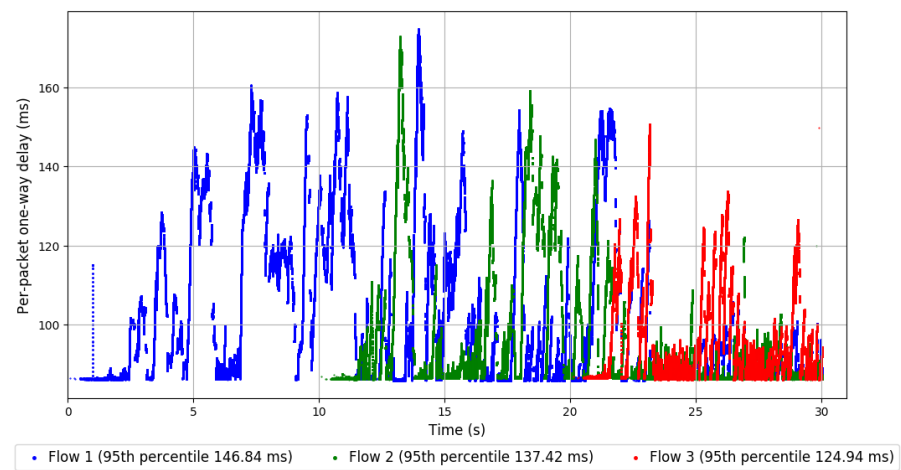
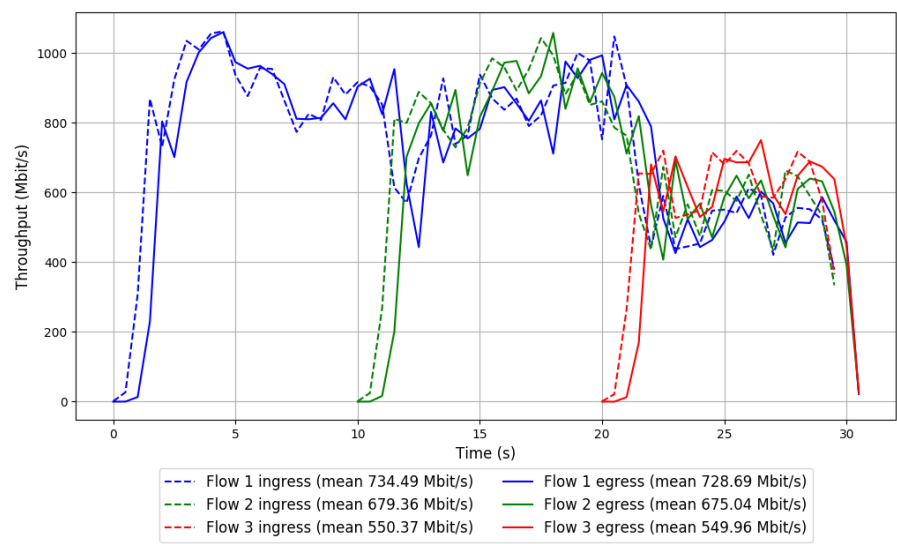


Run 3: Statistics of FillP-Sheep

Start at: 2018-08-09 06:56:24
End at: 2018-08-09 06:56:54
Local clock offset: -0.177 ms
Remote clock offset: -0.027 ms

Below is generated by plot.py at 2018-08-09 12:23:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 1359.85 Mbit/s
95th percentile per-packet one-way delay: 142.610 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 728.69 Mbit/s
95th percentile per-packet one-way delay: 146.840 ms
Loss rate: 0.79%
-- Flow 2:
Average throughput: 675.04 Mbit/s
95th percentile per-packet one-way delay: 137.420 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 549.96 Mbit/s
95th percentile per-packet one-way delay: 124.945 ms
Loss rate: 0.00%

Run 3: Report of FillP-Sheep — Data Link

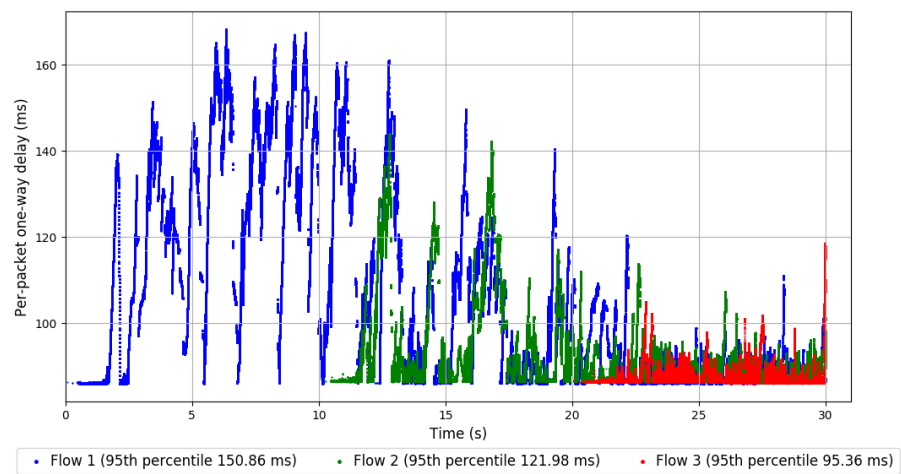
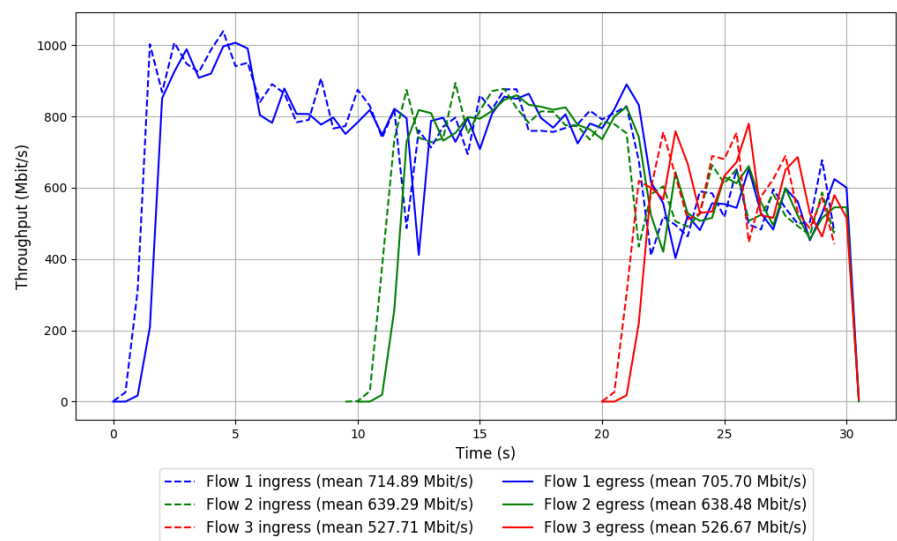


Run 4: Statistics of FillP-Sheep

Start at: 2018-08-09 07:24:01
End at: 2018-08-09 07:24:31
Local clock offset: -0.127 ms
Remote clock offset: -0.014 ms

Below is generated by plot.py at 2018-08-09 12:24:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 1305.56 Mbit/s
95th percentile per-packet one-way delay: 145.454 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 705.70 Mbit/s
95th percentile per-packet one-way delay: 150.861 ms
Loss rate: 1.28%
-- Flow 2:
Average throughput: 638.48 Mbit/s
95th percentile per-packet one-way delay: 121.979 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 526.67 Mbit/s
95th percentile per-packet one-way delay: 95.359 ms
Loss rate: 0.20%

Run 4: Report of FillP-Sheep — Data Link

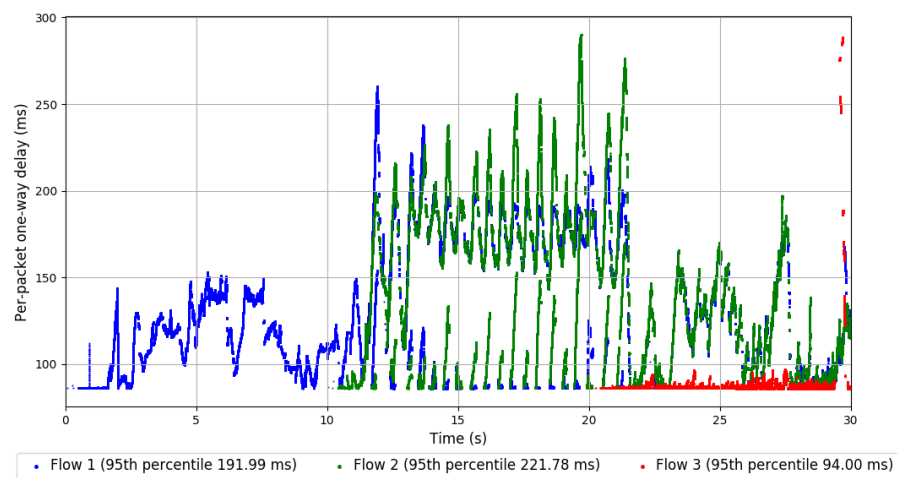
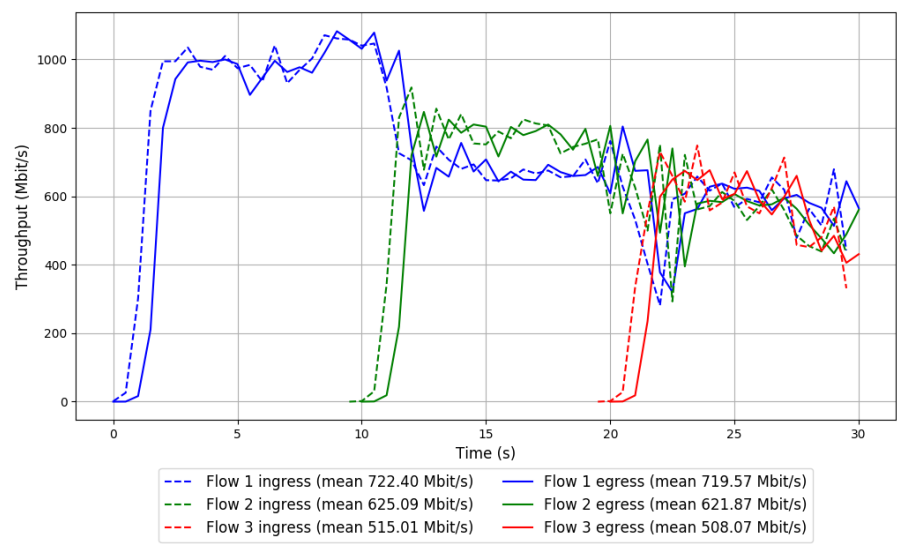


Run 5: Statistics of FillP-Sheep

Start at: 2018-08-09 07:51:32
End at: 2018-08-09 07:52:02
Local clock offset: -0.033 ms
Remote clock offset: -0.025 ms

Below is generated by plot.py at 2018-08-09 12:24:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 1302.45 Mbit/s
95th percentile per-packet one-way delay: 198.767 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 719.57 Mbit/s
95th percentile per-packet one-way delay: 191.985 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 621.87 Mbit/s
95th percentile per-packet one-way delay: 221.778 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 508.07 Mbit/s
95th percentile per-packet one-way delay: 94.001 ms
Loss rate: 1.36%

Run 5: Report of FillP-Sheep — Data Link

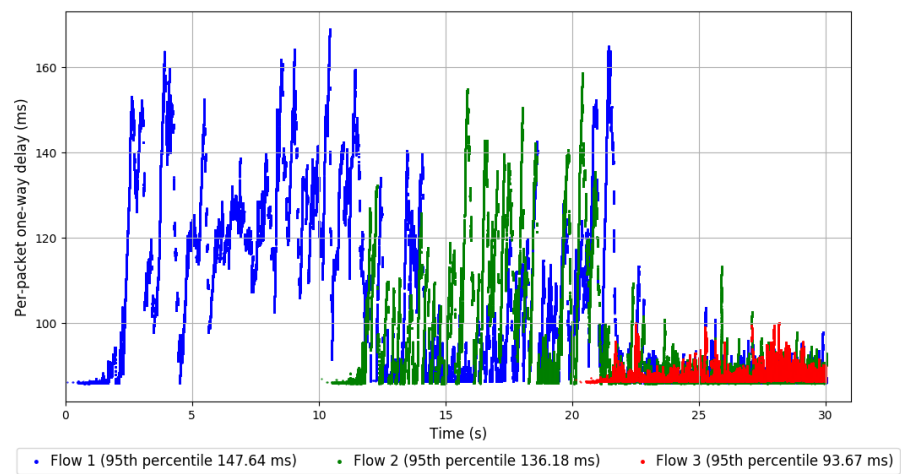
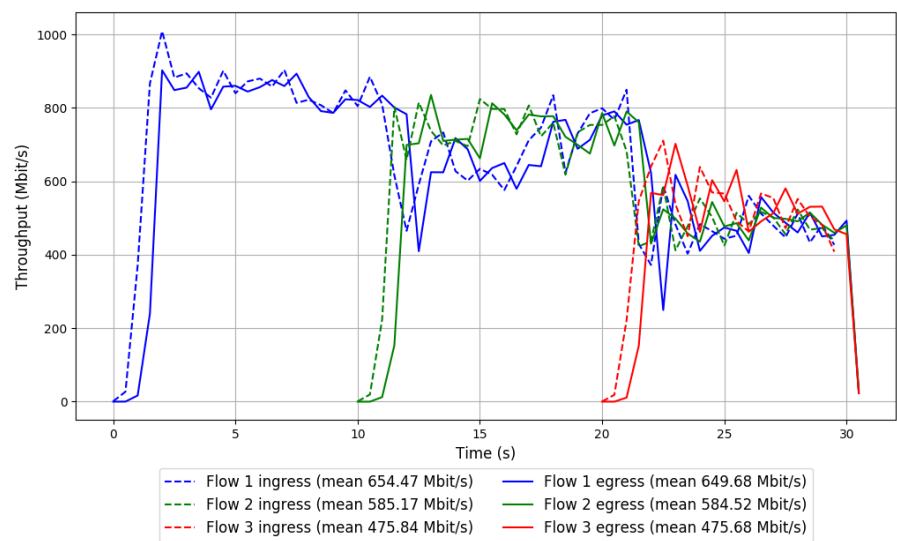


Run 6: Statistics of FillP-Sheep

Start at: 2018-08-09 08:18:56
End at: 2018-08-09 08:19:26
Local clock offset: -0.051 ms
Remote clock offset: -0.027 ms

Below is generated by plot.py at 2018-08-09 12:24:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 1195.22 Mbit/s
95th percentile per-packet one-way delay: 141.733 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 649.68 Mbit/s
95th percentile per-packet one-way delay: 147.642 ms
Loss rate: 0.73%
-- Flow 2:
Average throughput: 584.52 Mbit/s
95th percentile per-packet one-way delay: 136.183 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 475.68 Mbit/s
95th percentile per-packet one-way delay: 93.669 ms
Loss rate: 0.00%

Run 6: Report of FillP-Sheep — Data Link

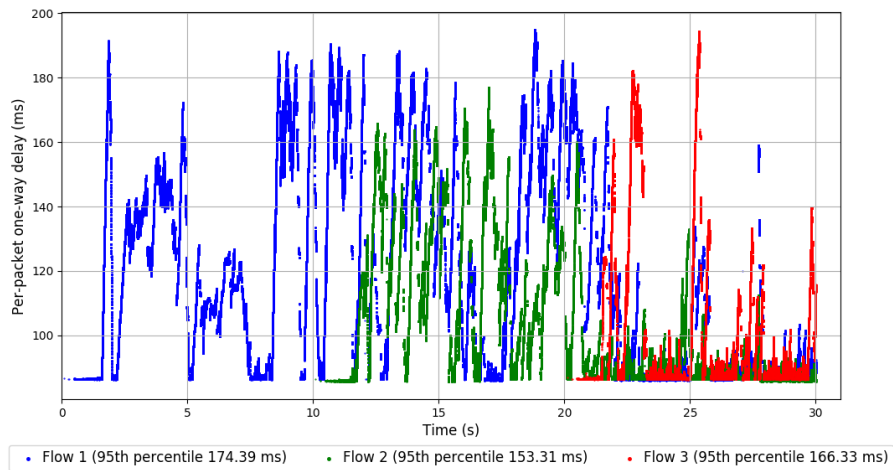
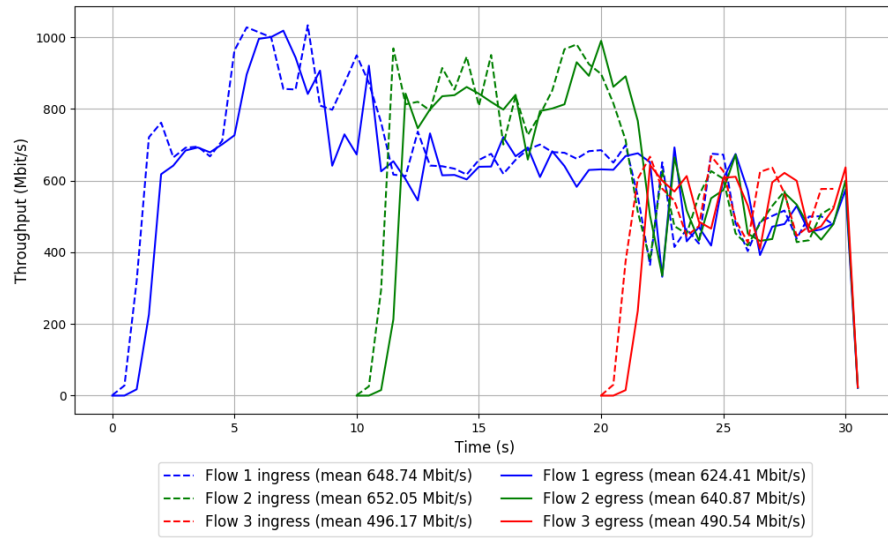


Run 7: Statistics of FillP-Sheep

Start at: 2018-08-09 08:46:10
End at: 2018-08-09 08:46:40
Local clock offset: 0.013 ms
Remote clock offset: -0.069 ms

Below is generated by plot.py at 2018-08-09 12:45:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 1213.18 Mbit/s
95th percentile per-packet one-way delay: 168.958 ms
Loss rate: 2.70%
-- Flow 1:
Average throughput: 624.41 Mbit/s
95th percentile per-packet one-way delay: 174.386 ms
Loss rate: 3.75%
-- Flow 2:
Average throughput: 640.87 Mbit/s
95th percentile per-packet one-way delay: 153.310 ms
Loss rate: 1.72%
-- Flow 3:
Average throughput: 490.54 Mbit/s
95th percentile per-packet one-way delay: 166.331 ms
Loss rate: 1.13%

Run 7: Report of FillP-Sheep — Data Link

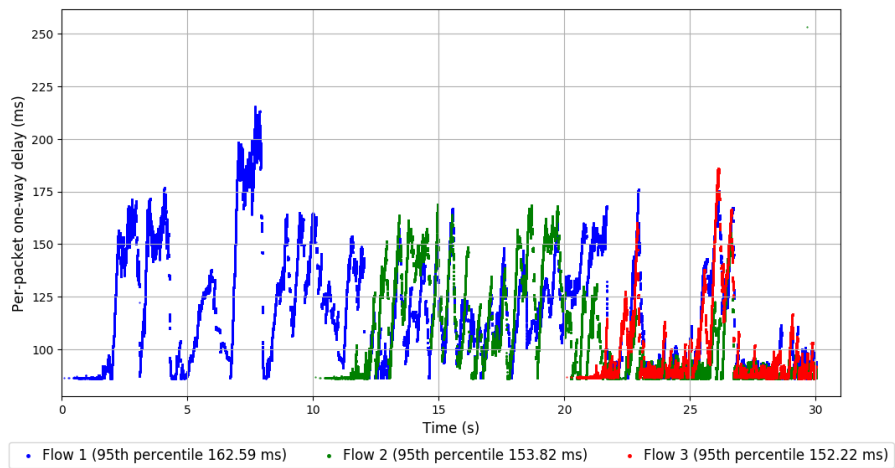
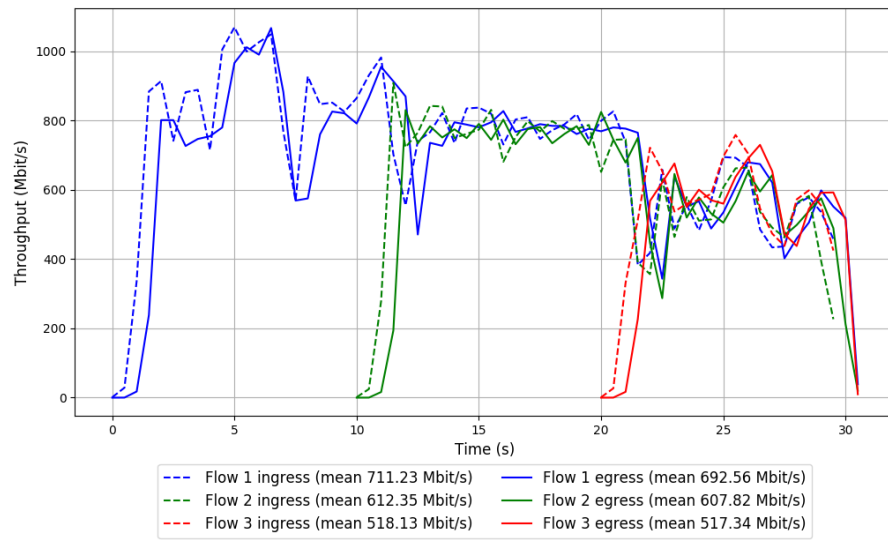


Run 8: Statistics of FillP-Sheep

Start at: 2018-08-09 09:13:20
End at: 2018-08-09 09:13:50
Local clock offset: -0.239 ms
Remote clock offset: -0.008 ms

Below is generated by plot.py at 2018-08-09 12:46:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 1268.56 Mbit/s
95th percentile per-packet one-way delay: 158.616 ms
Loss rate: 1.69%
-- Flow 1:
Average throughput: 692.56 Mbit/s
95th percentile per-packet one-way delay: 162.586 ms
Loss rate: 2.62%
-- Flow 2:
Average throughput: 607.82 Mbit/s
95th percentile per-packet one-way delay: 153.818 ms
Loss rate: 0.73%
-- Flow 3:
Average throughput: 517.34 Mbit/s
95th percentile per-packet one-way delay: 152.215 ms
Loss rate: 0.11%

Run 8: Report of FillP-Sheep — Data Link



Run 9: Statistics of FillP-Sheep

Start at: 2018-08-09 09:40:31

End at: 2018-08-09 09:41:01

Local clock offset: -0.148 ms

Remote clock offset: 0.008 ms

Below is generated by plot.py at 2018-08-09 12:47:12

Datalink statistics

-- Total of 3 flows:

Average throughput: 1254.20 Mbit/s

95th percentile per-packet one-way delay: 154.597 ms

Loss rate: 1.48%

-- Flow 1:

Average throughput: 679.04 Mbit/s

95th percentile per-packet one-way delay: 160.672 ms

Loss rate: 1.90%

-- Flow 2:

Average throughput: 622.57 Mbit/s

95th percentile per-packet one-way delay: 143.201 ms

Loss rate: 1.00%

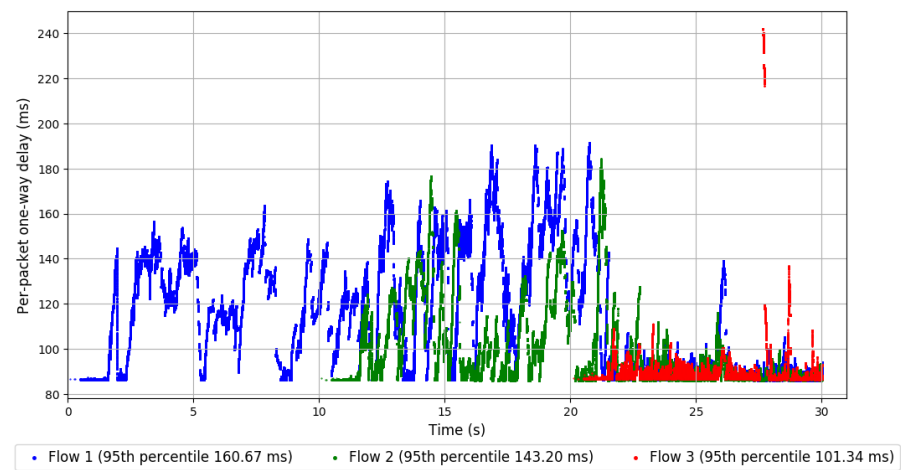
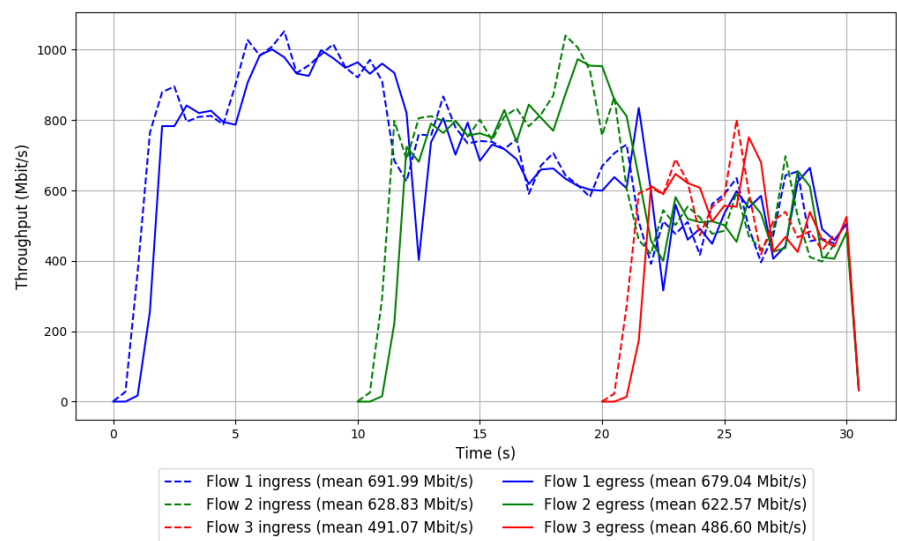
-- Flow 3:

Average throughput: 486.60 Mbit/s

95th percentile per-packet one-way delay: 101.344 ms

Loss rate: 0.91%

Run 9: Report of FillP-Sheep — Data Link

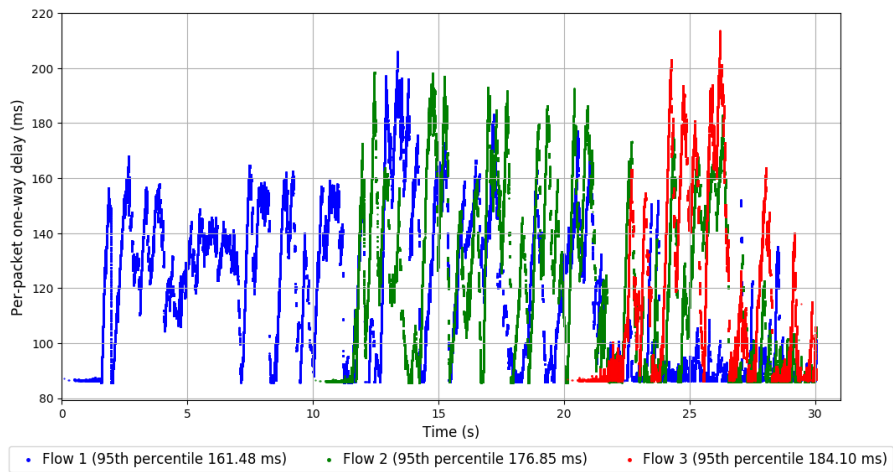
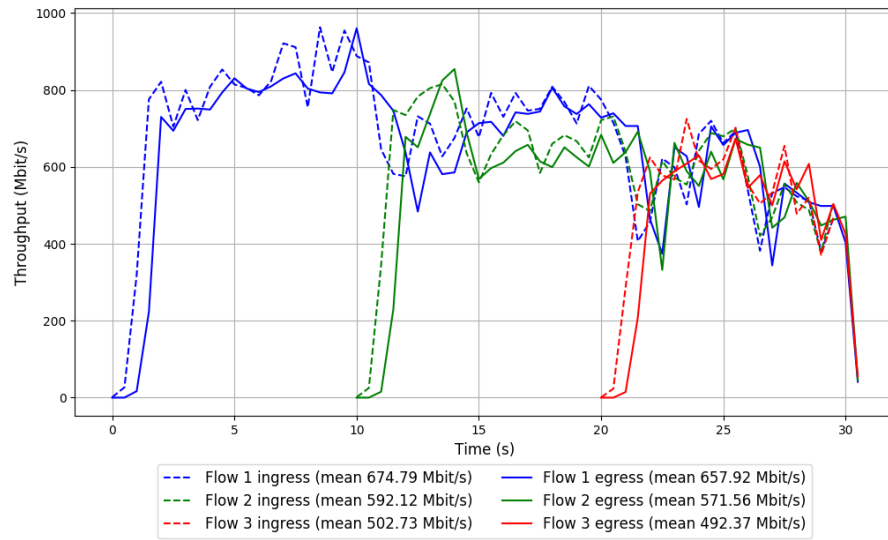


Run 10: Statistics of FillP-Sheep

Start at: 2018-08-09 10:07:55
End at: 2018-08-09 10:08:25
Local clock offset: 0.003 ms
Remote clock offset: -0.026 ms

Below is generated by plot.py at 2018-08-09 12:47:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 1201.22 Mbit/s
95th percentile per-packet one-way delay: 172.099 ms
Loss rate: 2.75%
-- Flow 1:
Average throughput: 657.92 Mbit/s
95th percentile per-packet one-way delay: 161.476 ms
Loss rate: 2.50%
-- Flow 2:
Average throughput: 571.56 Mbit/s
95th percentile per-packet one-way delay: 176.854 ms
Loss rate: 3.47%
-- Flow 3:
Average throughput: 492.37 Mbit/s
95th percentile per-packet one-way delay: 184.100 ms
Loss rate: 2.07%

Run 10: Report of FillP-Sheep — Data Link

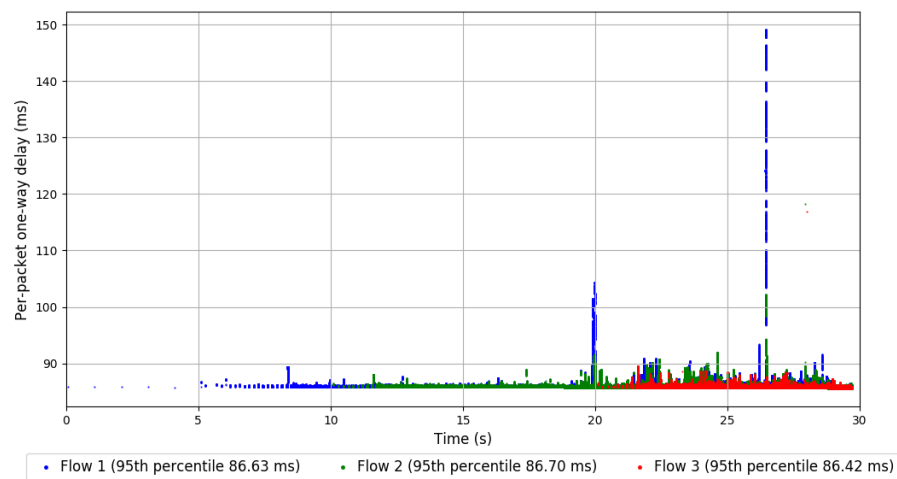
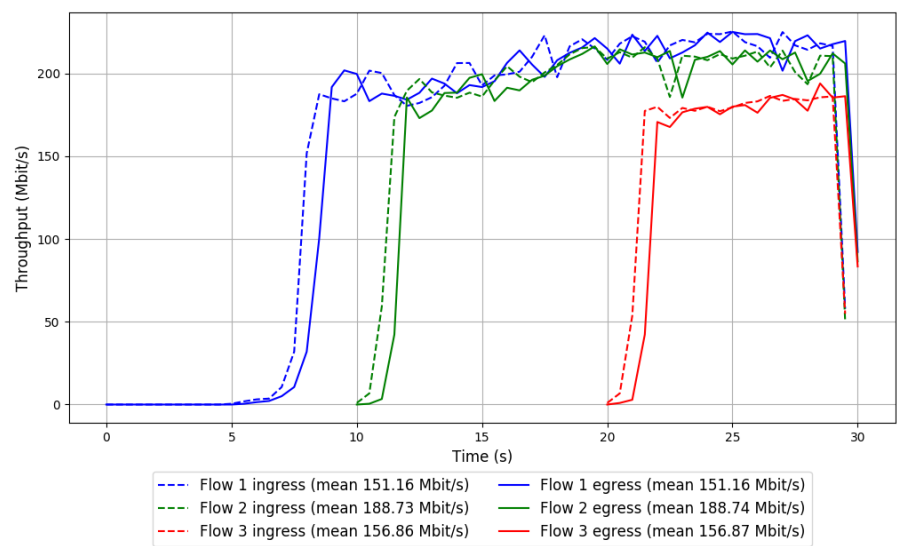


Run 1: Statistics of Indigo

Start at: 2018-08-09 06:04:49
End at: 2018-08-09 06:05:19
Local clock offset: -0.033 ms
Remote clock offset: -0.093 ms

Below is generated by plot.py at 2018-08-09 12:47:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 326.88 Mbit/s
95th percentile per-packet one-way delay: 86.608 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 151.16 Mbit/s
95th percentile per-packet one-way delay: 86.629 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 188.74 Mbit/s
95th percentile per-packet one-way delay: 86.699 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 156.87 Mbit/s
95th percentile per-packet one-way delay: 86.424 ms
Loss rate: 0.00%

Run 1: Report of Indigo — Data Link

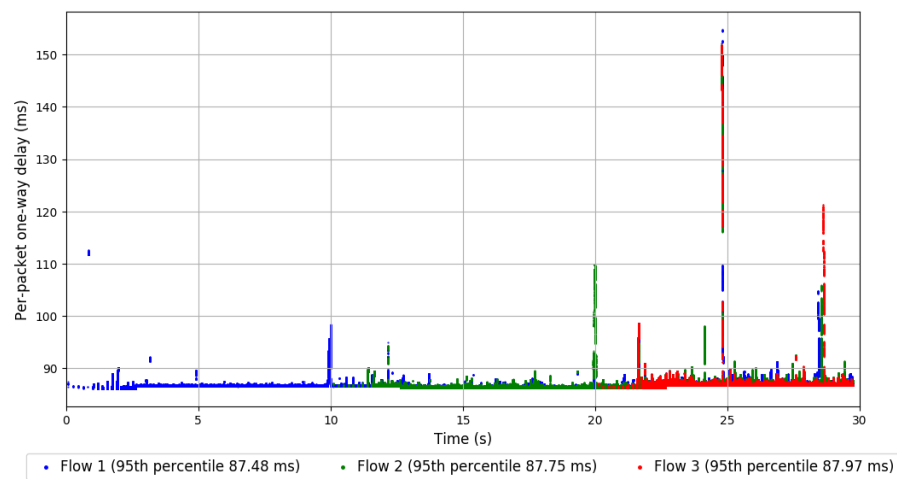
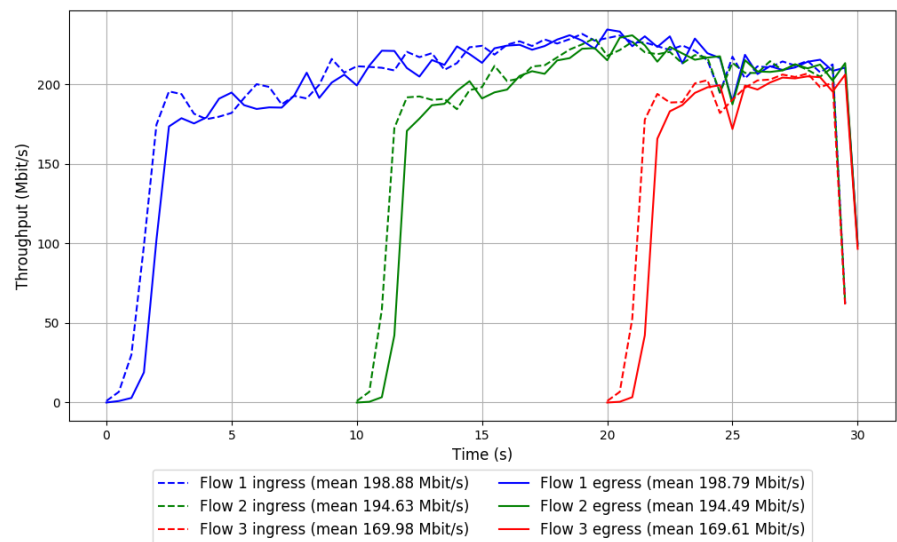


Run 2: Statistics of Indigo

Start at: 2018-08-09 06:32:15
End at: 2018-08-09 06:32:45
Local clock offset: -0.382 ms
Remote clock offset: -0.004 ms

Below is generated by plot.py at 2018-08-09 12:47:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 382.46 Mbit/s
95th percentile per-packet one-way delay: 87.648 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 198.79 Mbit/s
95th percentile per-packet one-way delay: 87.477 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 194.49 Mbit/s
95th percentile per-packet one-way delay: 87.753 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 169.61 Mbit/s
95th percentile per-packet one-way delay: 87.966 ms
Loss rate: 0.22%

Run 2: Report of Indigo — Data Link

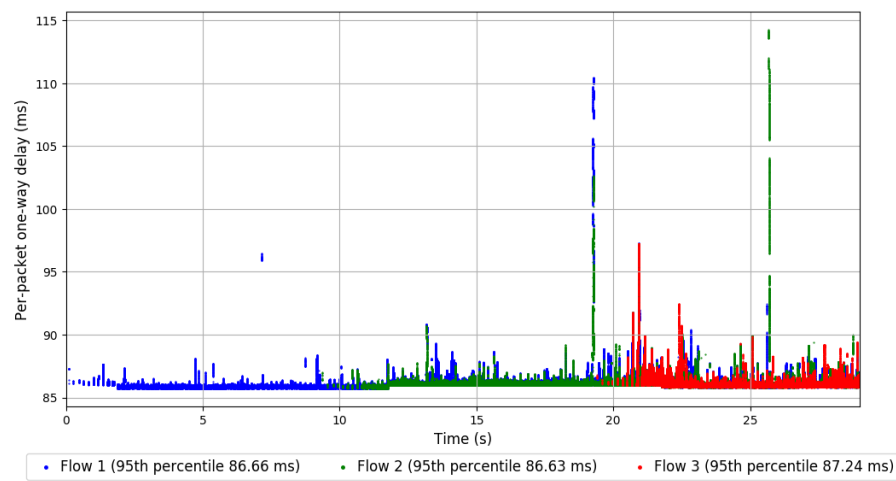
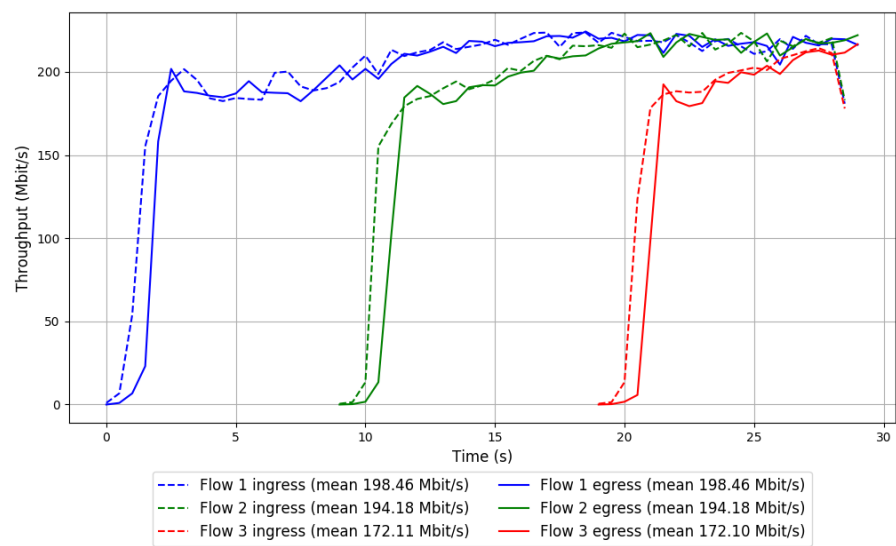


Run 3: Statistics of Indigo

Start at: 2018-08-09 06:59:45
End at: 2018-08-09 07:00:15
Local clock offset: -0.08 ms
Remote clock offset: -0.028 ms

Below is generated by plot.py at 2018-08-09 12:47:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 387.36 Mbit/s
95th percentile per-packet one-way delay: 86.728 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 198.46 Mbit/s
95th percentile per-packet one-way delay: 86.660 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 194.18 Mbit/s
95th percentile per-packet one-way delay: 86.633 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 172.10 Mbit/s
95th percentile per-packet one-way delay: 87.238 ms
Loss rate: 0.00%

Run 3: Report of Indigo — Data Link

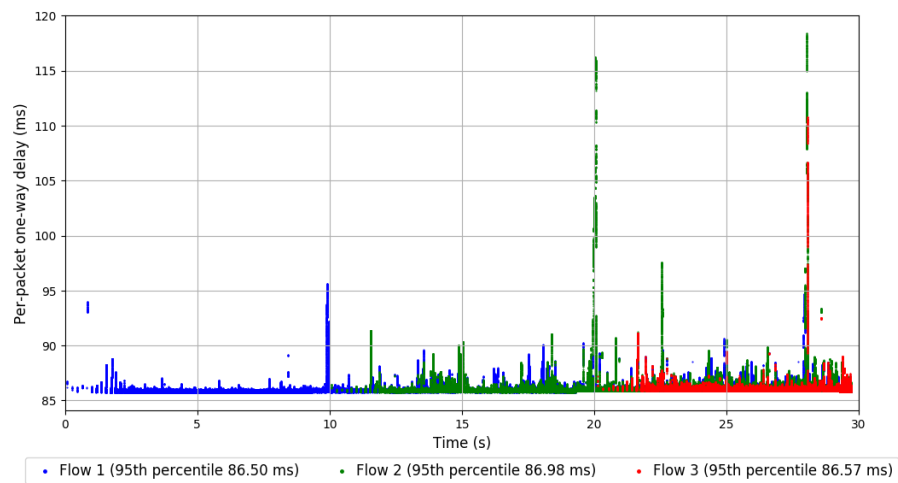
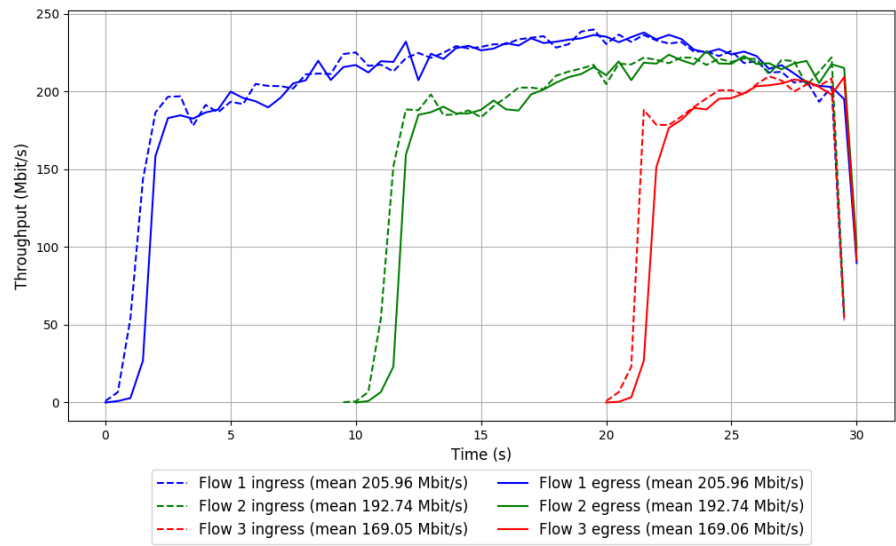


Run 4: Statistics of Indigo

Start at: 2018-08-09 07:27:18
End at: 2018-08-09 07:27:48
Local clock offset: 0.045 ms
Remote clock offset: -0.059 ms

```
# Below is generated by plot.py at 2018-08-09 12:47:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 388.28 Mbit/s
95th percentile per-packet one-way delay: 86.664 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 205.96 Mbit/s
95th percentile per-packet one-way delay: 86.503 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 192.74 Mbit/s
95th percentile per-packet one-way delay: 86.984 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 169.06 Mbit/s
95th percentile per-packet one-way delay: 86.570 ms
Loss rate: 0.00%
```

Run 4: Report of Indigo — Data Link

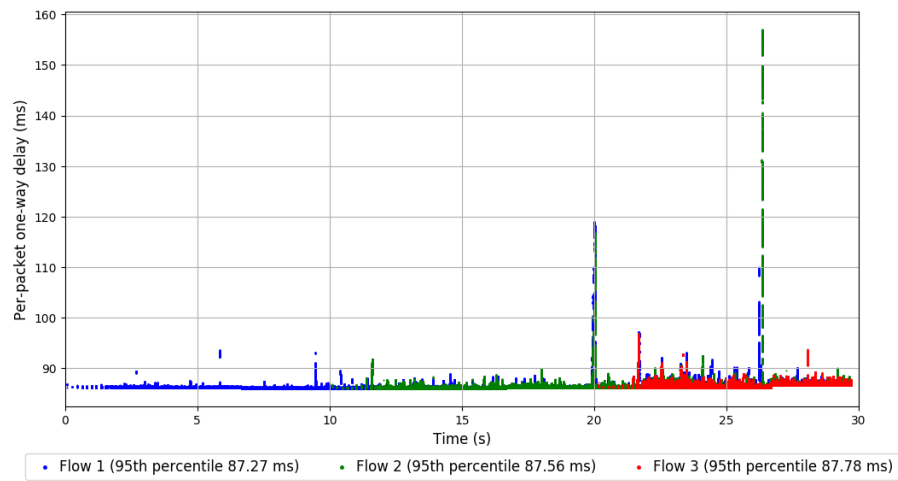
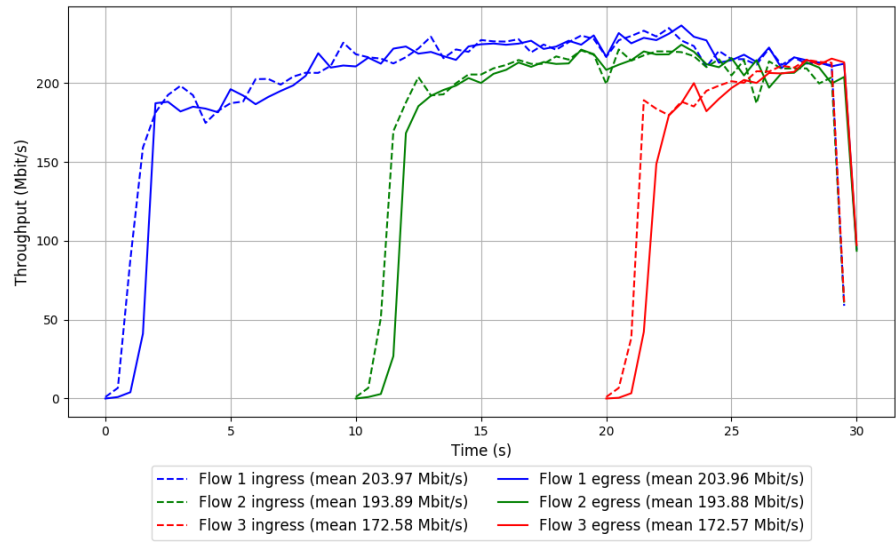


Run 5: Statistics of Indigo

Start at: 2018-08-09 07:54:51
End at: 2018-08-09 07:55:21
Local clock offset: -0.16 ms
Remote clock offset: -0.038 ms

Below is generated by plot.py at 2018-08-09 12:47:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 388.05 Mbit/s
95th percentile per-packet one-way delay: 87.468 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 203.96 Mbit/s
95th percentile per-packet one-way delay: 87.271 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 193.88 Mbit/s
95th percentile per-packet one-way delay: 87.560 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 172.57 Mbit/s
95th percentile per-packet one-way delay: 87.780 ms
Loss rate: 0.00%

Run 5: Report of Indigo — Data Link



Run 6: Statistics of Indigo

Start at: 2018-08-09 08:22:11

End at: 2018-08-09 08:22:41

Local clock offset: 0.006 ms

Remote clock offset: -0.03 ms

Below is generated by plot.py at 2018-08-09 12:47:13

Datalink statistics

-- Total of 3 flows:

Average throughput: 350.63 Mbit/s

95th percentile per-packet one-way delay: 87.220 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 172.17 Mbit/s

95th percentile per-packet one-way delay: 86.893 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 192.45 Mbit/s

95th percentile per-packet one-way delay: 87.586 ms

Loss rate: 0.00%

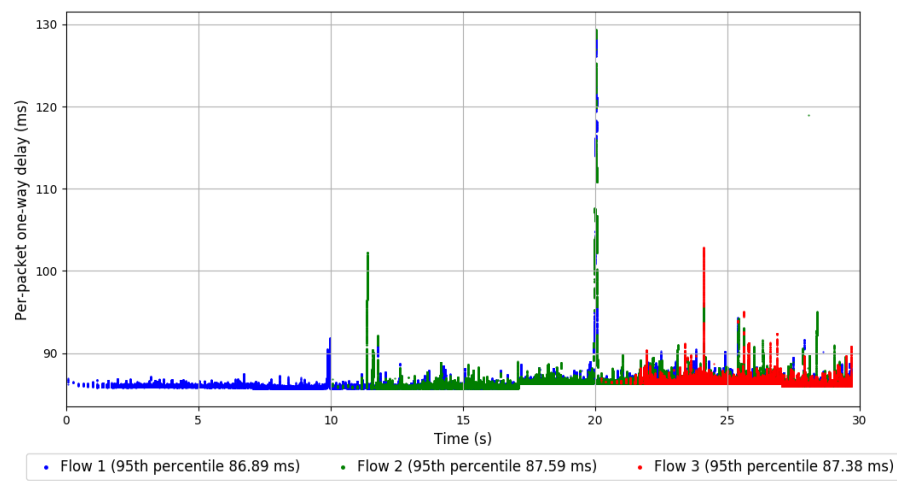
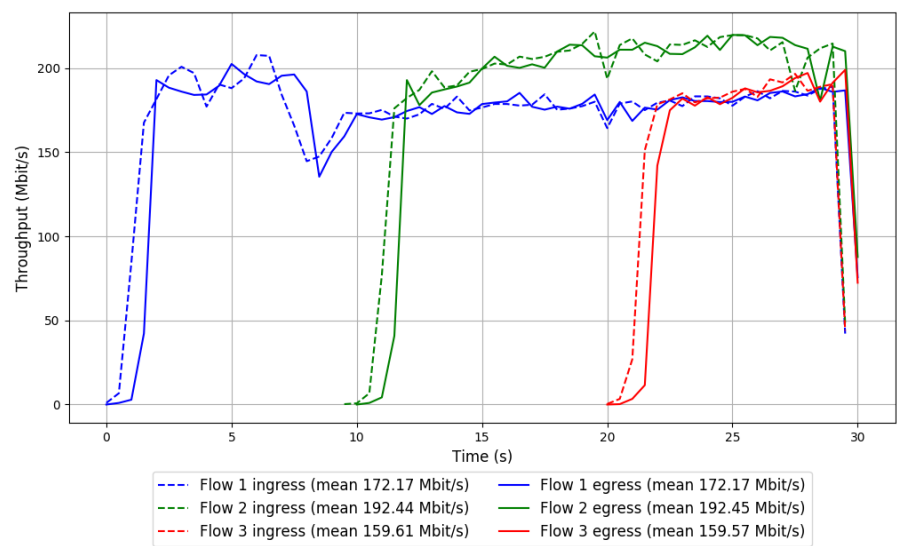
-- Flow 3:

Average throughput: 159.57 Mbit/s

95th percentile per-packet one-way delay: 87.384 ms

Loss rate: 0.00%

Run 6: Report of Indigo — Data Link



Run 7: Statistics of Indigo

Start at: 2018-08-09 08:49:26

End at: 2018-08-09 08:49:56

Local clock offset: 0.121 ms

Remote clock offset: -0.03 ms

Below is generated by plot.py at 2018-08-09 12:47:13

Datalink statistics

-- Total of 3 flows:

Average throughput: 385.80 Mbit/s

95th percentile per-packet one-way delay: 87.058 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 202.31 Mbit/s

95th percentile per-packet one-way delay: 86.894 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 191.38 Mbit/s

95th percentile per-packet one-way delay: 87.172 ms

Loss rate: 0.00%

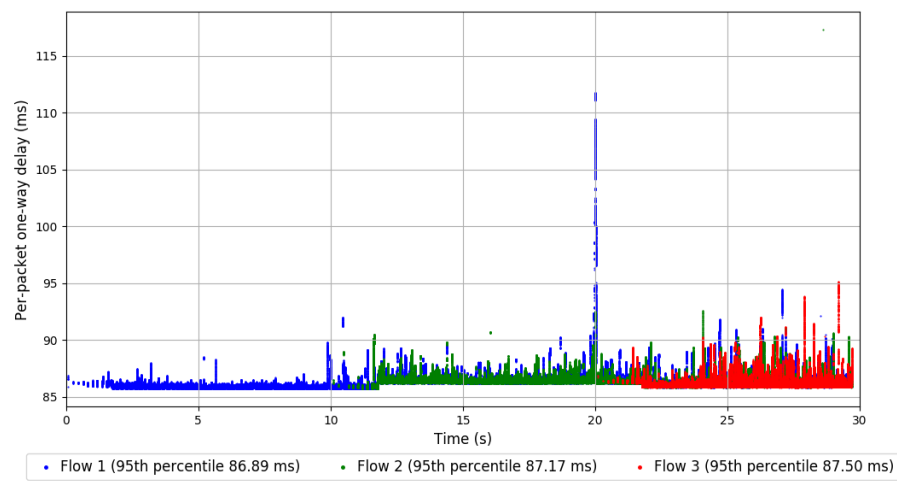
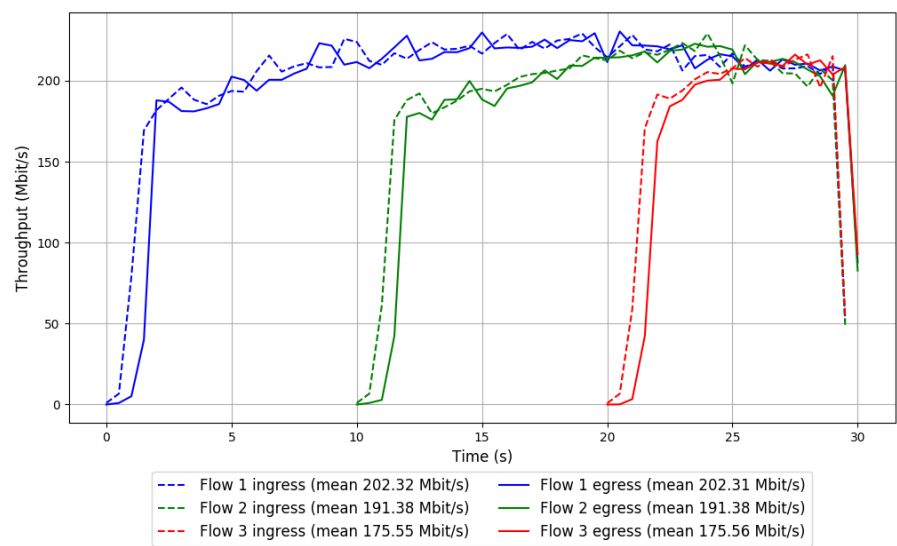
-- Flow 3:

Average throughput: 175.56 Mbit/s

95th percentile per-packet one-way delay: 87.502 ms

Loss rate: 0.01%

Run 7: Report of Indigo — Data Link



Run 8: Statistics of Indigo

Start at: 2018-08-09 09:16:38

End at: 2018-08-09 09:17:08

Local clock offset: -0.008 ms

Remote clock offset: 0.013 ms

Below is generated by plot.py at 2018-08-09 12:47:13

Datalink statistics

-- Total of 3 flows:

Average throughput: 377.78 Mbit/s

95th percentile per-packet one-way delay: 87.555 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 194.56 Mbit/s

95th percentile per-packet one-way delay: 87.310 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 192.92 Mbit/s

95th percentile per-packet one-way delay: 87.743 ms

Loss rate: 0.00%

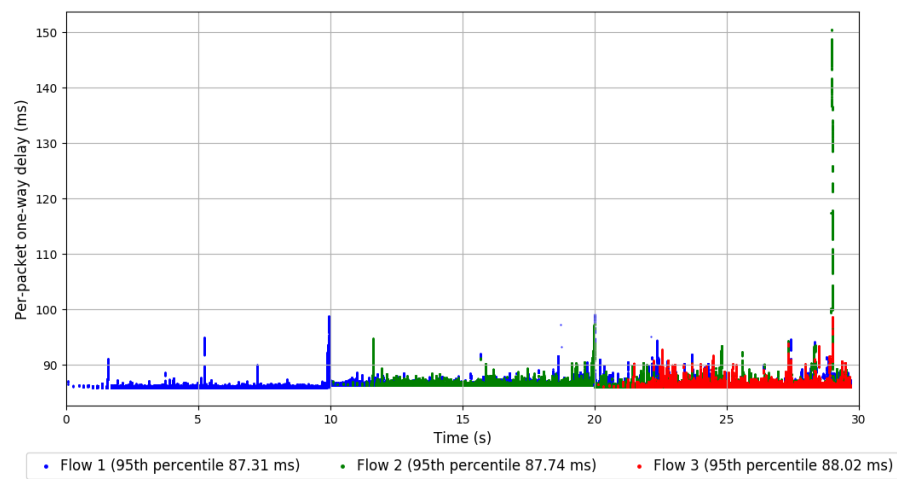
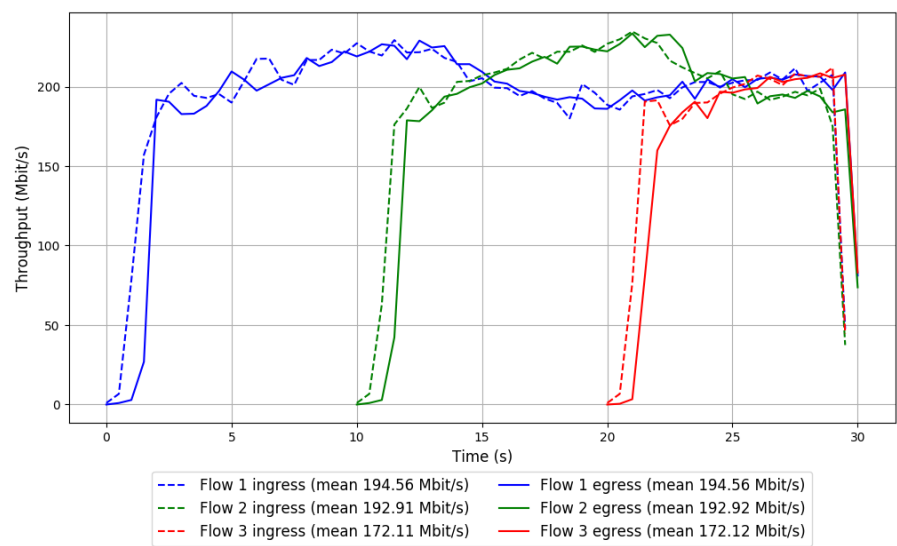
-- Flow 3:

Average throughput: 172.12 Mbit/s

95th percentile per-packet one-way delay: 88.022 ms

Loss rate: 0.00%

Run 8: Report of Indigo — Data Link

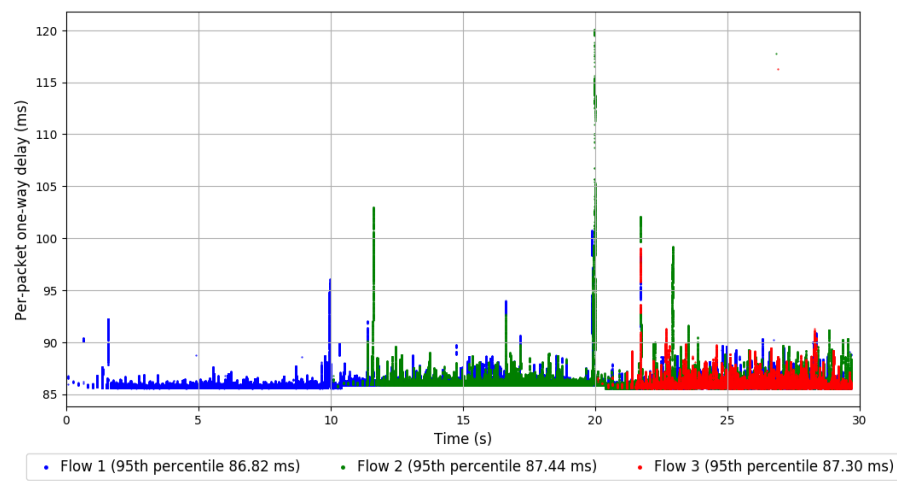
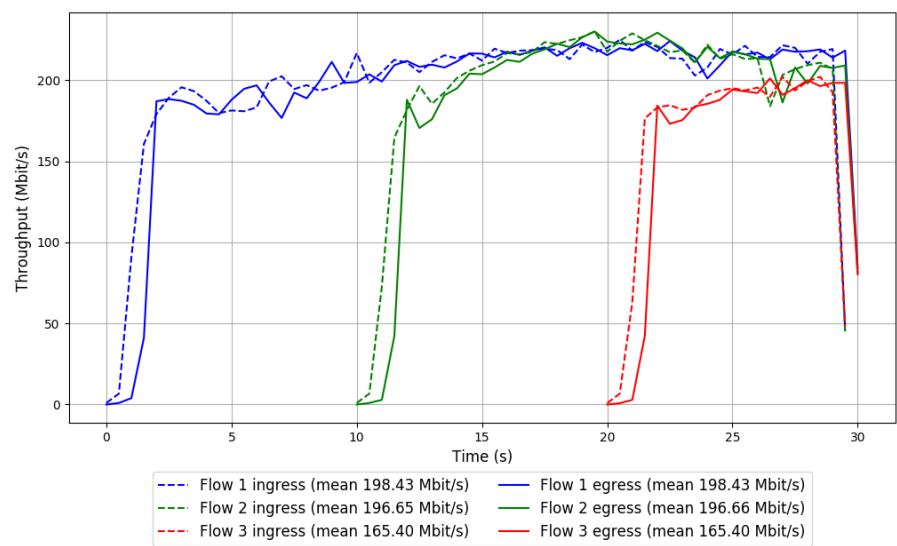


Run 9: Statistics of Indigo

Start at: 2018-08-09 09:43:47
End at: 2018-08-09 09:44:17
Local clock offset: 0.106 ms
Remote clock offset: -0.019 ms

Below is generated by plot.py at 2018-08-09 12:47:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 382.22 Mbit/s
95th percentile per-packet one-way delay: 87.103 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 198.43 Mbit/s
95th percentile per-packet one-way delay: 86.823 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 196.66 Mbit/s
95th percentile per-packet one-way delay: 87.436 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 165.40 Mbit/s
95th percentile per-packet one-way delay: 87.295 ms
Loss rate: 0.00%

Run 9: Report of Indigo — Data Link

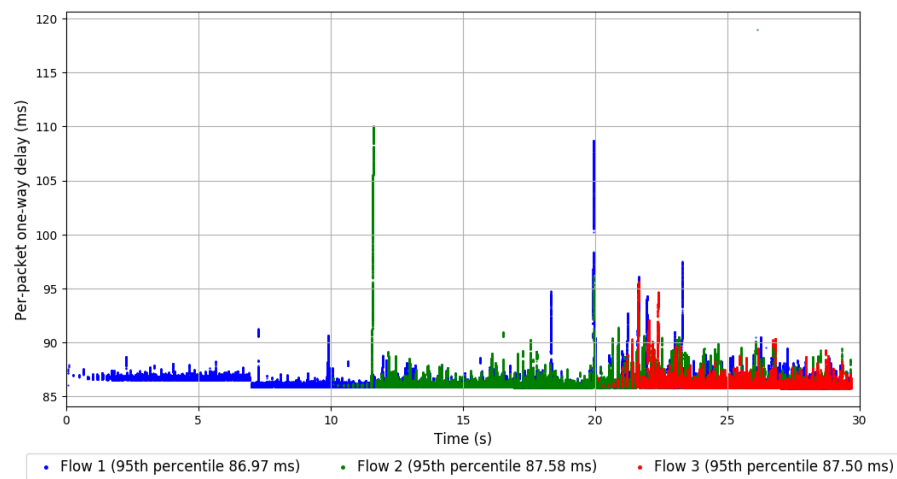
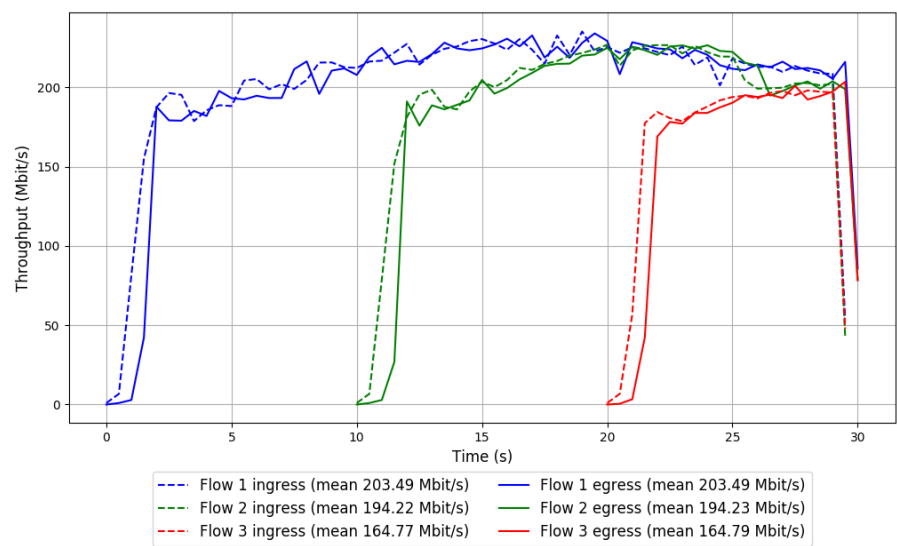


Run 10: Statistics of Indigo

Start at: 2018-08-09 10:11:11
End at: 2018-08-09 10:11:41
Local clock offset: -0.054 ms
Remote clock offset: -0.039 ms

Below is generated by plot.py at 2018-08-09 12:47:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 385.42 Mbit/s
95th percentile per-packet one-way delay: 87.201 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 203.49 Mbit/s
95th percentile per-packet one-way delay: 86.974 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 194.23 Mbit/s
95th percentile per-packet one-way delay: 87.575 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 164.79 Mbit/s
95th percentile per-packet one-way delay: 87.501 ms
Loss rate: 0.00%

Run 10: Report of Indigo — Data Link

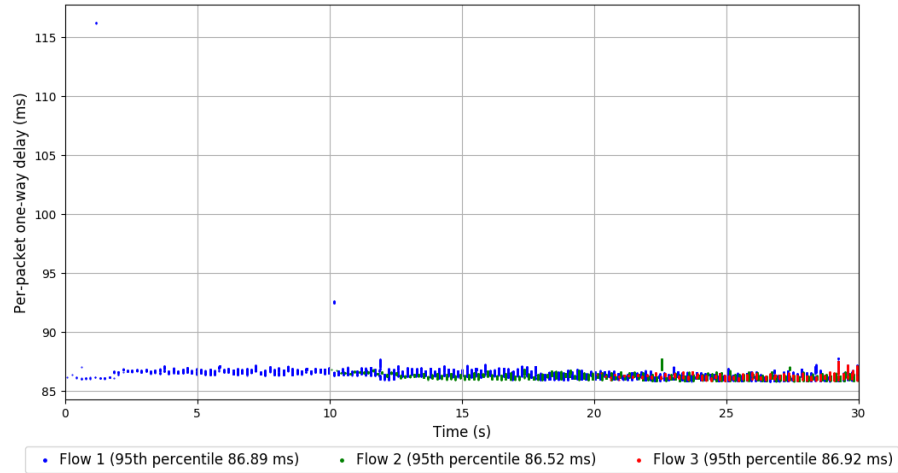
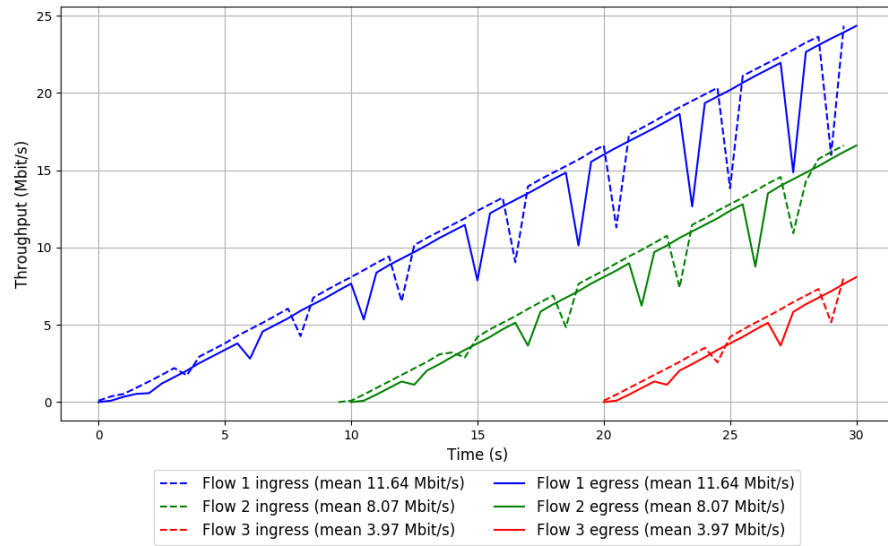


```
Run 1: Statistics of LEDBAT

Start at: 2018-08-09 06:03:36
End at: 2018-08-09 06:04:06
Local clock offset: 0.003 ms
Remote clock offset: -0.041 ms

# Below is generated by plot.py at 2018-08-09 12:47:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.29 Mbit/s
95th percentile per-packet one-way delay: 86.854 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.64 Mbit/s
95th percentile per-packet one-way delay: 86.892 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.07 Mbit/s
95th percentile per-packet one-way delay: 86.517 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.97 Mbit/s
95th percentile per-packet one-way delay: 86.923 ms
Loss rate: 0.00%
```


Run 1: Report of LEDBAT — Data Link

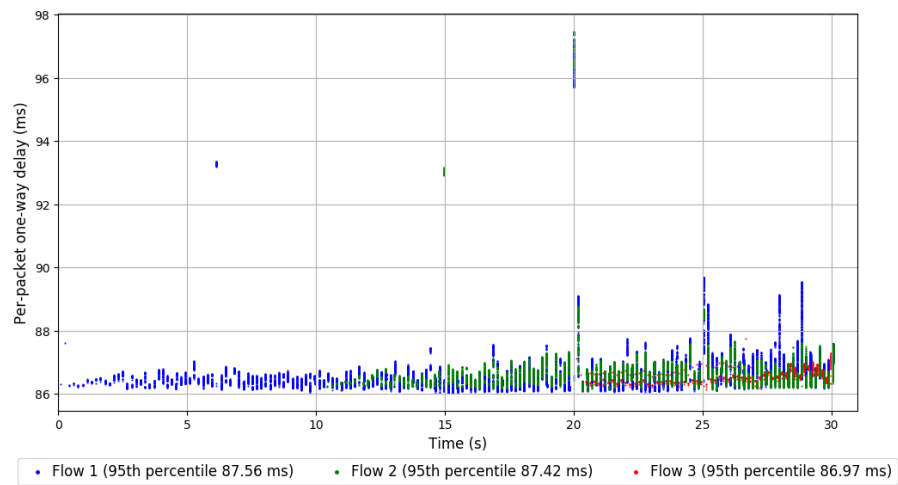
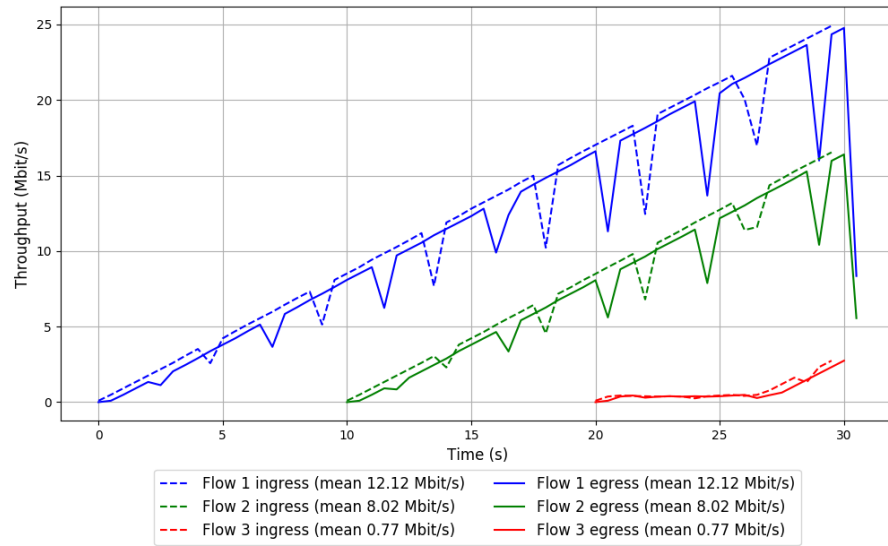


Run 2: Statistics of LEDBAT

Start at: 2018-08-09 06:31:02
End at: 2018-08-09 06:31:32
Local clock offset: -0.284 ms
Remote clock offset: -0.018 ms

Below is generated by plot.py at 2018-08-09 12:47:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 17.72 Mbit/s
95th percentile per-packet one-way delay: 87.501 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.12 Mbit/s
95th percentile per-packet one-way delay: 87.560 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.02 Mbit/s
95th percentile per-packet one-way delay: 87.417 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.77 Mbit/s
95th percentile per-packet one-way delay: 86.971 ms
Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link

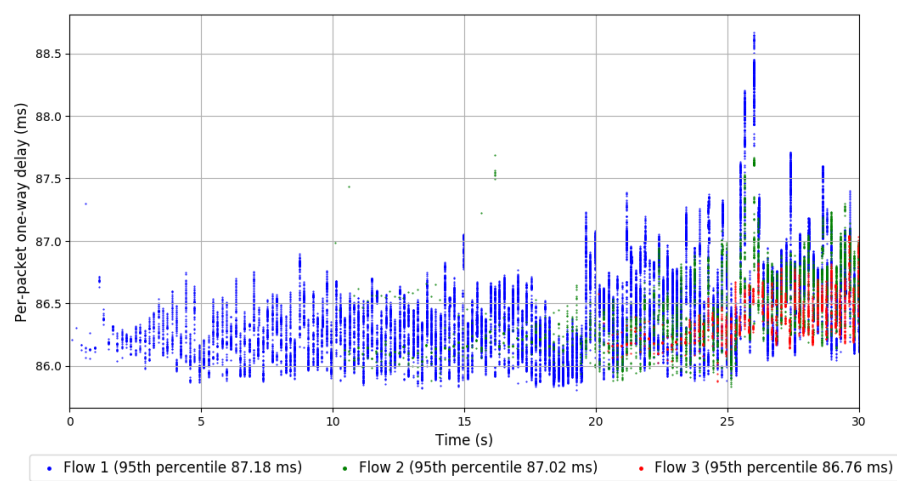
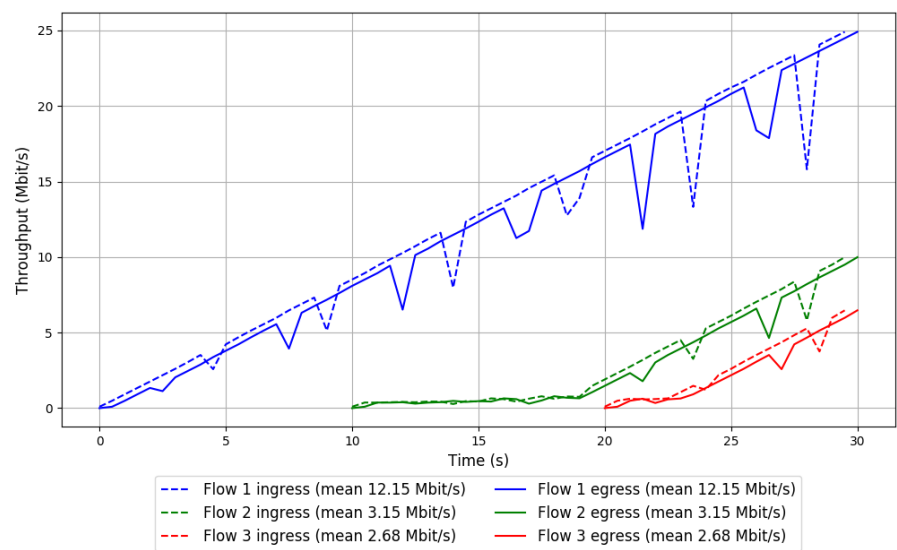


Run 3: Statistics of LEDBAT

Start at: 2018-08-09 06:58:33
End at: 2018-08-09 06:59:03
Local clock offset: -0.162 ms
Remote clock offset: -0.044 ms

Below is generated by plot.py at 2018-08-09 12:47:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 15.13 Mbit/s
95th percentile per-packet one-way delay: 87.139 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.15 Mbit/s
95th percentile per-packet one-way delay: 87.182 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.15 Mbit/s
95th percentile per-packet one-way delay: 87.016 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.68 Mbit/s
95th percentile per-packet one-way delay: 86.764 ms
Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2018-08-09 07:26:07

End at: 2018-08-09 07:26:37

Local clock offset: -0.213 ms

Remote clock offset: -0.05 ms

Below is generated by plot.py at 2018-08-09 12:47:13

Datalink statistics

-- Total of 3 flows:

Average throughput: 11.37 Mbit/s

95th percentile per-packet one-way delay: 87.400 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 5.11 Mbit/s

95th percentile per-packet one-way delay: 87.482 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 7.44 Mbit/s

95th percentile per-packet one-way delay: 87.391 ms

Loss rate: 0.00%

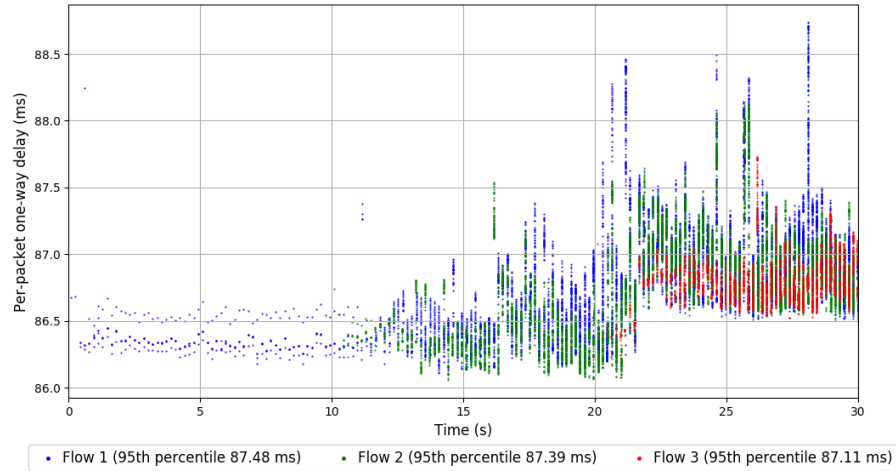
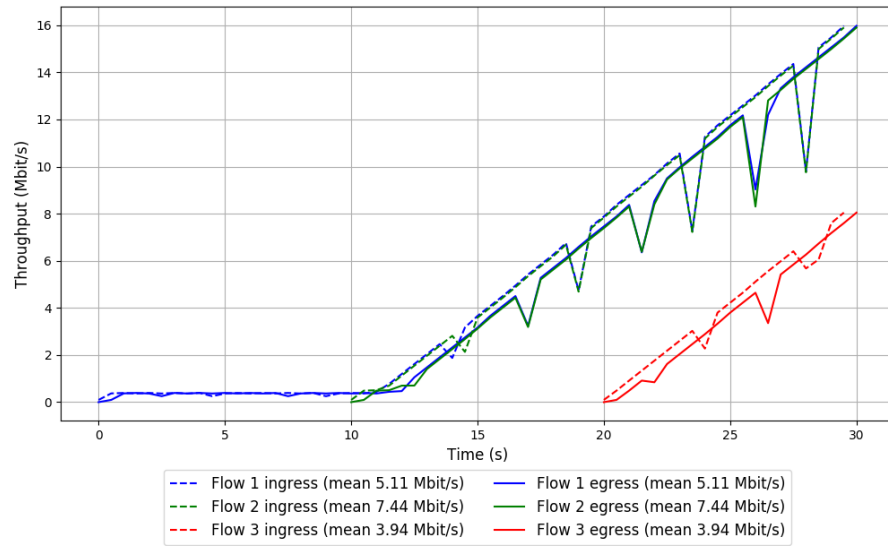
-- Flow 3:

Average throughput: 3.94 Mbit/s

95th percentile per-packet one-way delay: 87.105 ms

Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link

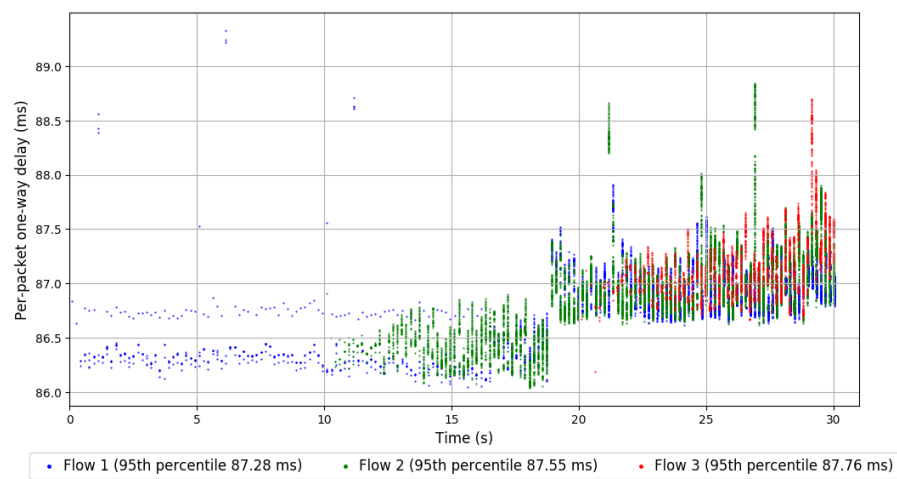
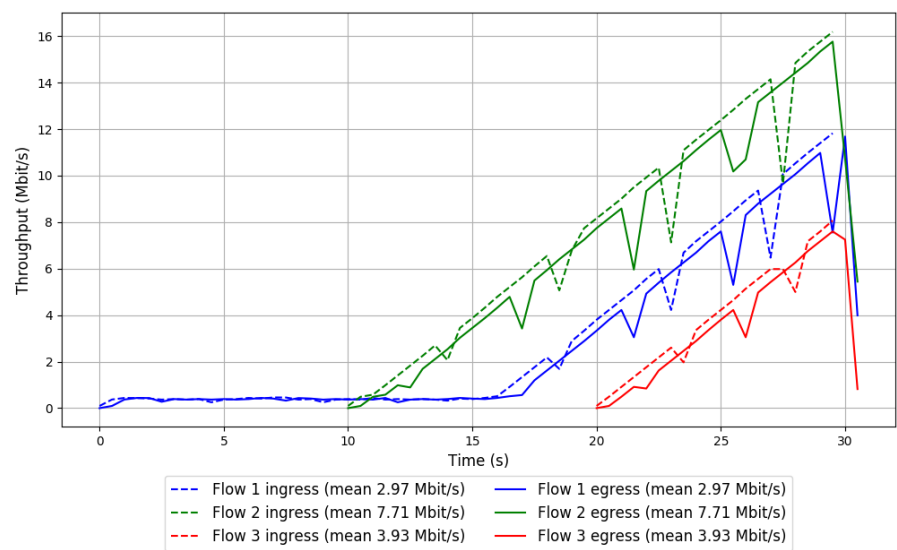


Run 5: Statistics of LEDBAT

Start at: 2018-08-09 07:53:39
End at: 2018-08-09 07:54:09
Local clock offset: -0.277 ms
Remote clock offset: -0.036 ms

Below is generated by plot.py at 2018-08-09 12:47:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 9.40 Mbit/s
95th percentile per-packet one-way delay: 87.538 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.97 Mbit/s
95th percentile per-packet one-way delay: 87.278 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 7.71 Mbit/s
95th percentile per-packet one-way delay: 87.552 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.93 Mbit/s
95th percentile per-packet one-way delay: 87.763 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: 2018-08-09 08:20:58

End at: 2018-08-09 08:21:28

Local clock offset: 0.029 ms

Remote clock offset: -0.04 ms

Below is generated by plot.py at 2018-08-09 12:47:13

Datalink statistics

-- Total of 3 flows:

Average throughput: 13.88 Mbit/s

95th percentile per-packet one-way delay: 86.806 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 11.41 Mbit/s

95th percentile per-packet one-way delay: 86.875 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 2.41 Mbit/s

95th percentile per-packet one-way delay: 86.632 ms

Loss rate: 0.00%

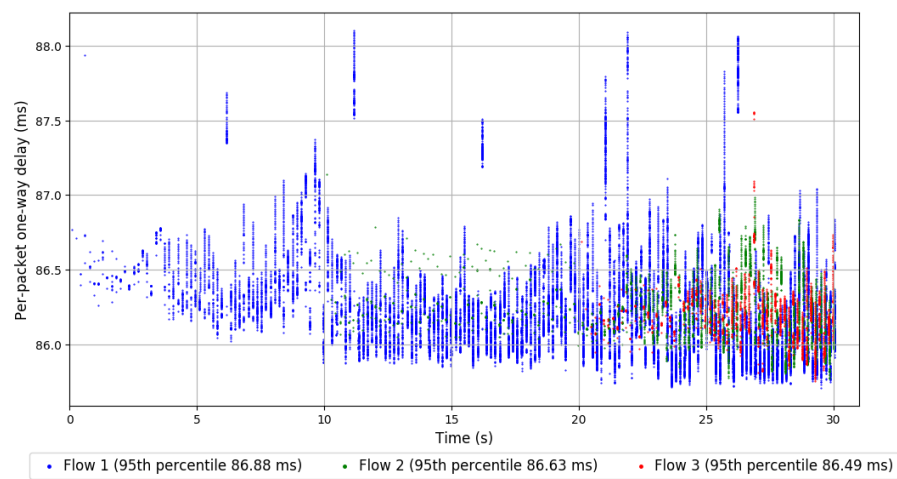
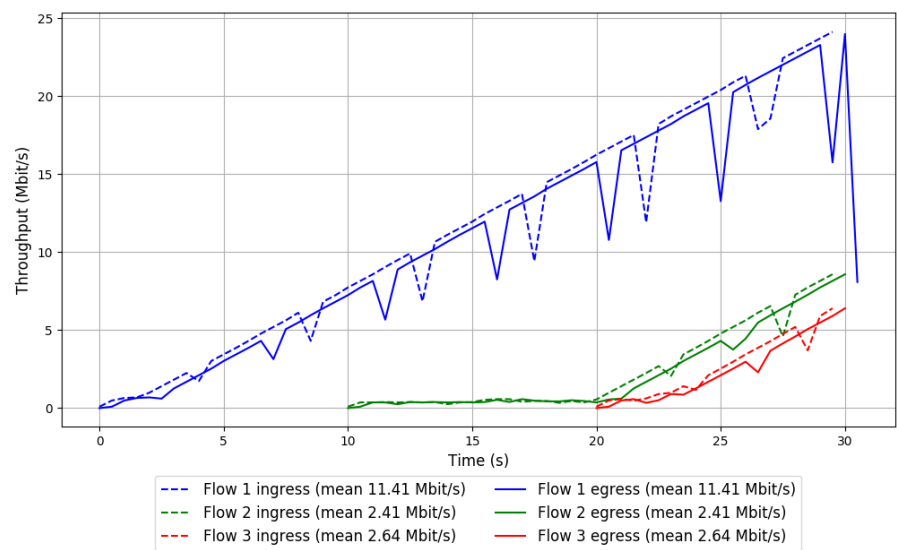
-- Flow 3:

Average throughput: 2.64 Mbit/s

95th percentile per-packet one-way delay: 86.490 ms

Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link

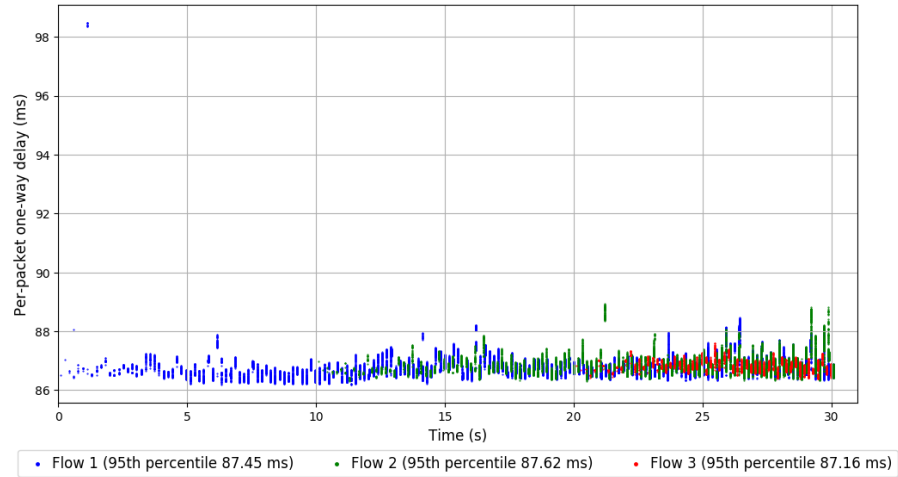
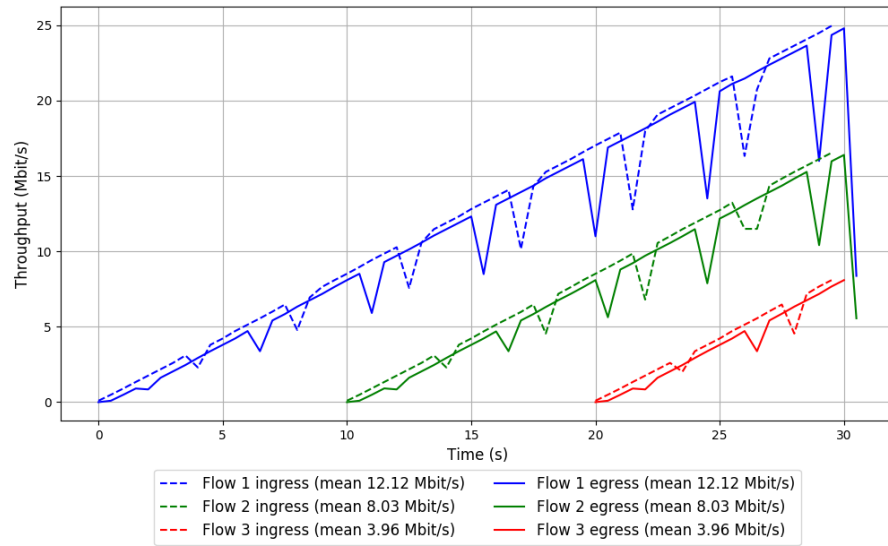


Run 7: Statistics of LEDBAT

Start at: 2018-08-09 08:48:13
End at: 2018-08-09 08:48:44
Local clock offset: -0.295 ms
Remote clock offset: -0.026 ms

Below is generated by plot.py at 2018-08-09 12:47:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 18.77 Mbit/s
95th percentile per-packet one-way delay: 87.471 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.12 Mbit/s
95th percentile per-packet one-way delay: 87.455 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.03 Mbit/s
95th percentile per-packet one-way delay: 87.623 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.96 Mbit/s
95th percentile per-packet one-way delay: 87.156 ms
Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link

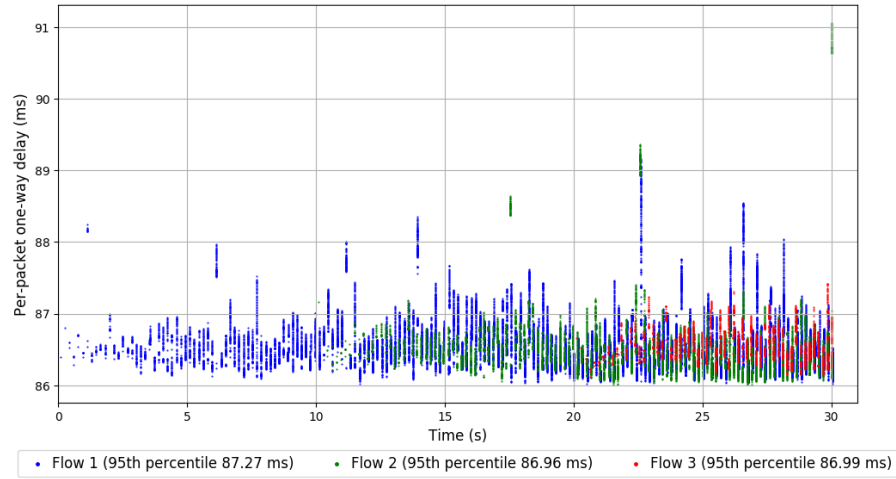
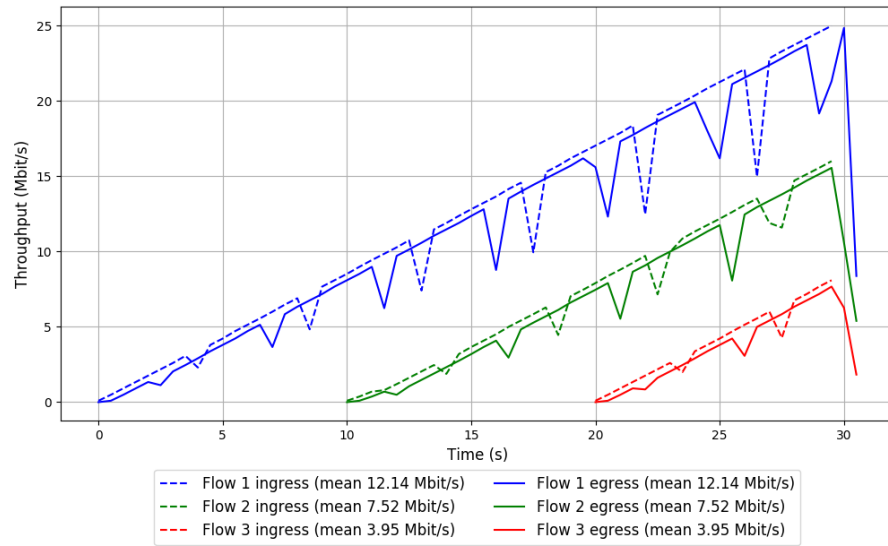


Run 8: Statistics of LEDBAT

Start at: 2018-08-09 09:15:25
End at: 2018-08-09 09:15:55
Local clock offset: -0.124 ms
Remote clock offset: -0.02 ms

Below is generated by plot.py at 2018-08-09 12:47:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 18.45 Mbit/s
95th percentile per-packet one-way delay: 87.169 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.14 Mbit/s
95th percentile per-packet one-way delay: 87.266 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 7.52 Mbit/s
95th percentile per-packet one-way delay: 86.956 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.95 Mbit/s
95th percentile per-packet one-way delay: 86.986 ms
Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link

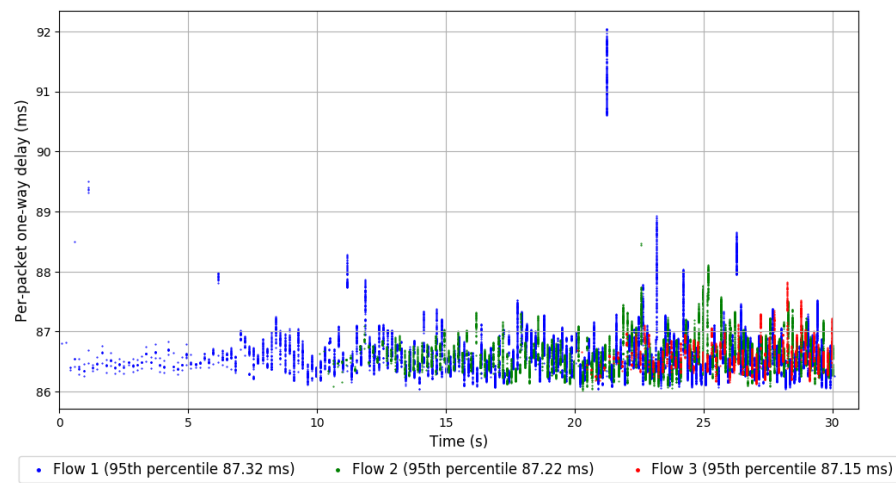
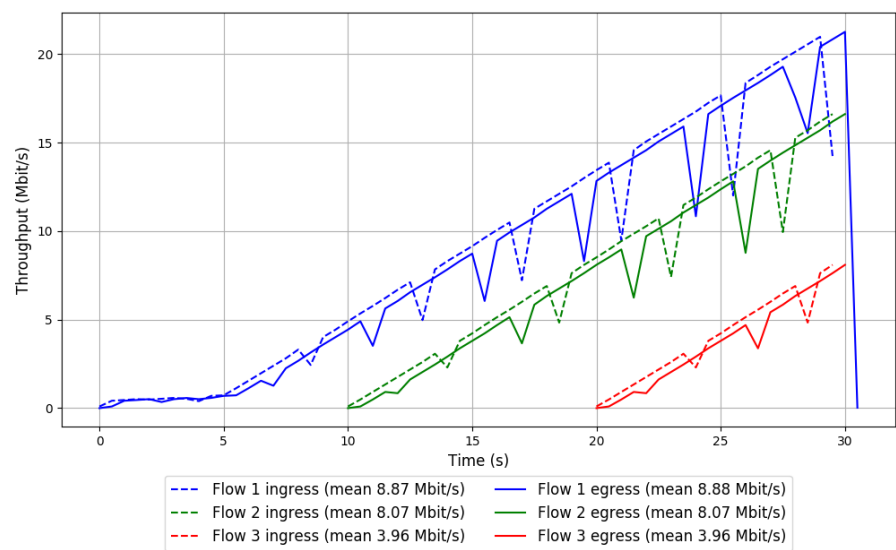


Run 9: Statistics of LEDBAT

Start at: 2018-08-09 09:42:35
End at: 2018-08-09 09:43:05
Local clock offset: -0.14 ms
Remote clock offset: -0.008 ms

Below is generated by plot.py at 2018-08-09 12:47:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 15.53 Mbit/s
95th percentile per-packet one-way delay: 87.260 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 8.88 Mbit/s
95th percentile per-packet one-way delay: 87.319 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.07 Mbit/s
95th percentile per-packet one-way delay: 87.215 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.96 Mbit/s
95th percentile per-packet one-way delay: 87.151 ms
Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link

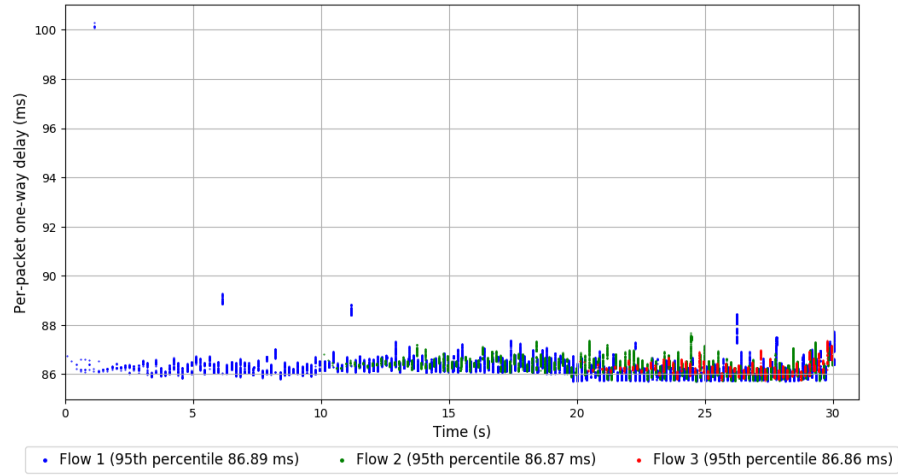
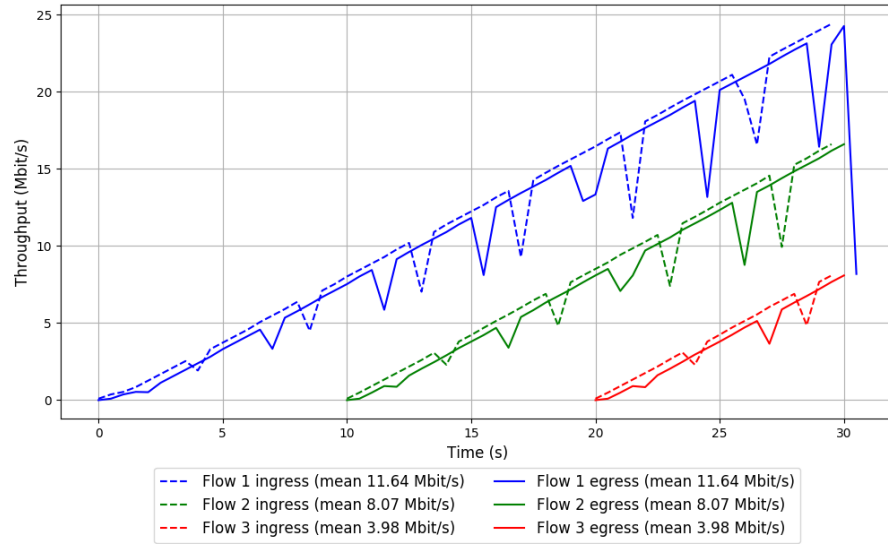


Run 10: Statistics of LEDBAT

Start at: 2018-08-09 10:09:58
End at: 2018-08-09 10:10:28
Local clock offset: -0.025 ms
Remote clock offset: -0.031 ms

Below is generated by plot.py at 2018-08-09 12:47:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 18.30 Mbit/s
95th percentile per-packet one-way delay: 86.879 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.64 Mbit/s
95th percentile per-packet one-way delay: 86.890 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.07 Mbit/s
95th percentile per-packet one-way delay: 86.868 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.98 Mbit/s
95th percentile per-packet one-way delay: 86.857 ms
Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link

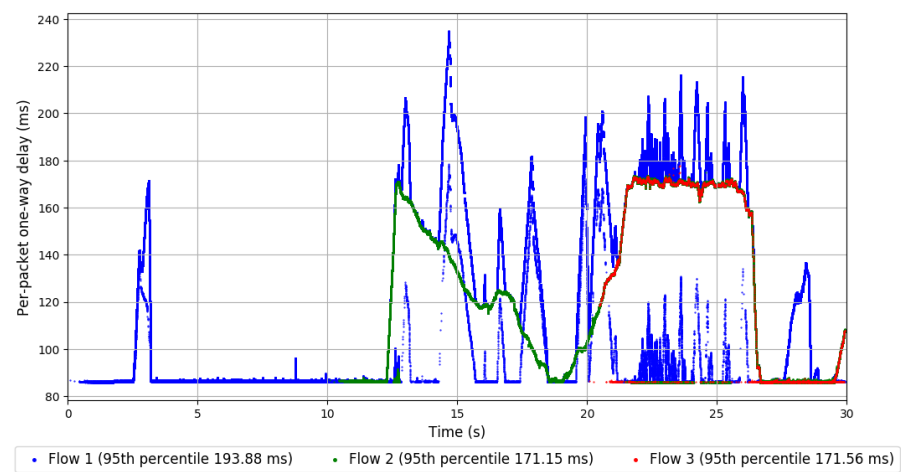
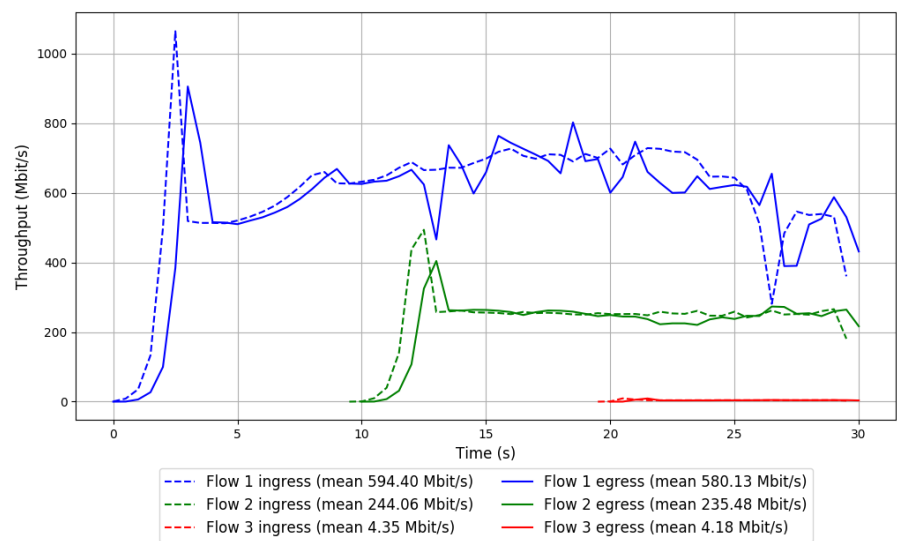


```
Run 1: Statistics of PCC-Allegro

Start at: 2018-08-09 06:17:16
End at: 2018-08-09 06:17:46
Local clock offset: -0.191 ms
Remote clock offset: -0.053 ms

# Below is generated by plot.py at 2018-08-09 12:51:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 738.10 Mbit/s
95th percentile per-packet one-way delay: 189.162 ms
Loss rate: 2.64%
-- Flow 1:
Average throughput: 580.13 Mbit/s
95th percentile per-packet one-way delay: 193.885 ms
Loss rate: 2.40%
-- Flow 2:
Average throughput: 235.48 Mbit/s
95th percentile per-packet one-way delay: 171.145 ms
Loss rate: 3.51%
-- Flow 3:
Average throughput: 4.18 Mbit/s
95th percentile per-packet one-way delay: 171.555 ms
Loss rate: 3.81%
```

Run 1: Report of PCC-Allegro — Data Link

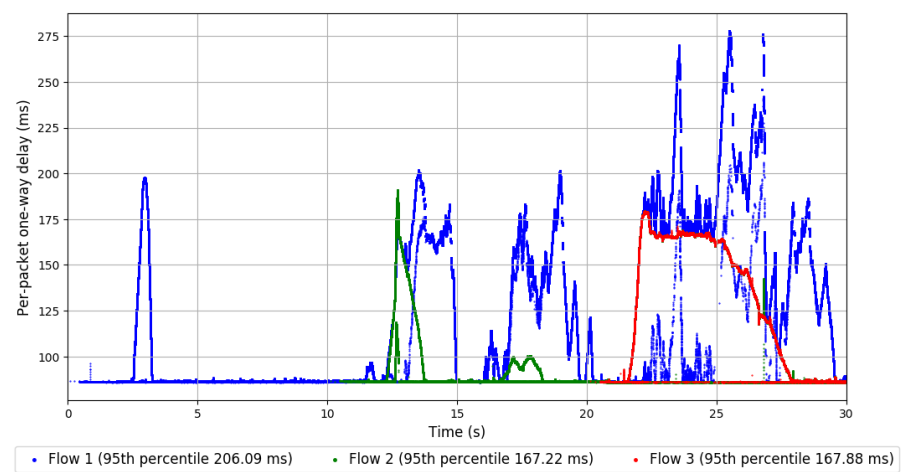
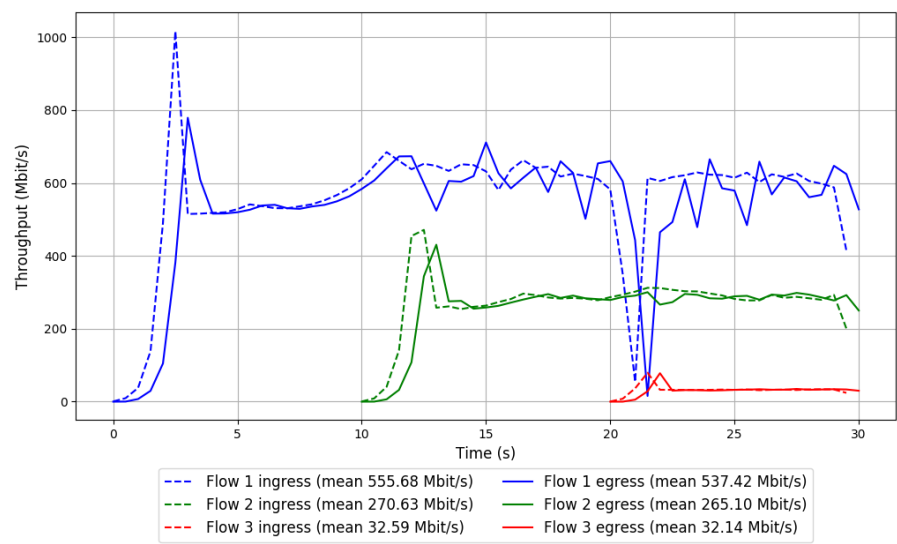


Run 2: Statistics of PCC-Allegro

Start at: 2018-08-09 06:44:46
End at: 2018-08-09 06:45:16
Local clock offset: -0.182 ms
Remote clock offset: -0.002 ms

Below is generated by plot.py at 2018-08-09 12:51:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 724.08 Mbit/s
95th percentile per-packet one-way delay: 198.166 ms
Loss rate: 2.96%
-- Flow 1:
Average throughput: 537.42 Mbit/s
95th percentile per-packet one-way delay: 206.087 ms
Loss rate: 3.29%
-- Flow 2:
Average throughput: 265.10 Mbit/s
95th percentile per-packet one-way delay: 167.221 ms
Loss rate: 2.04%
-- Flow 3:
Average throughput: 32.14 Mbit/s
95th percentile per-packet one-way delay: 167.877 ms
Loss rate: 1.39%

Run 2: Report of PCC-Allegro — Data Link

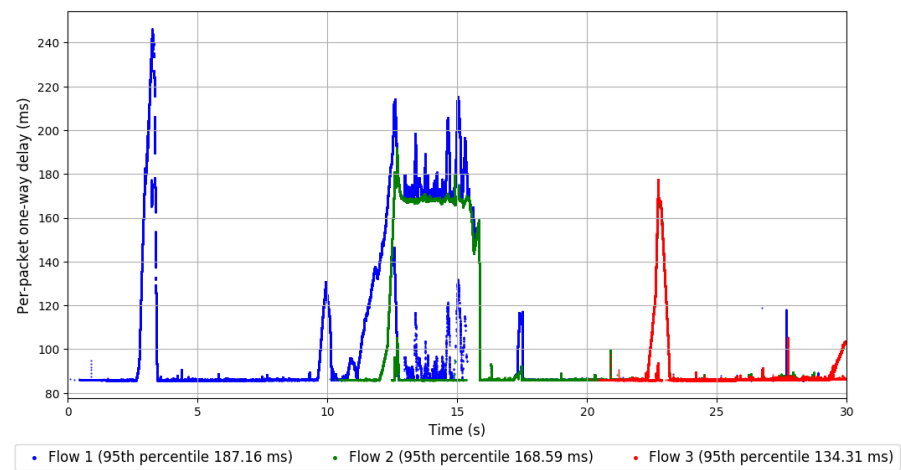
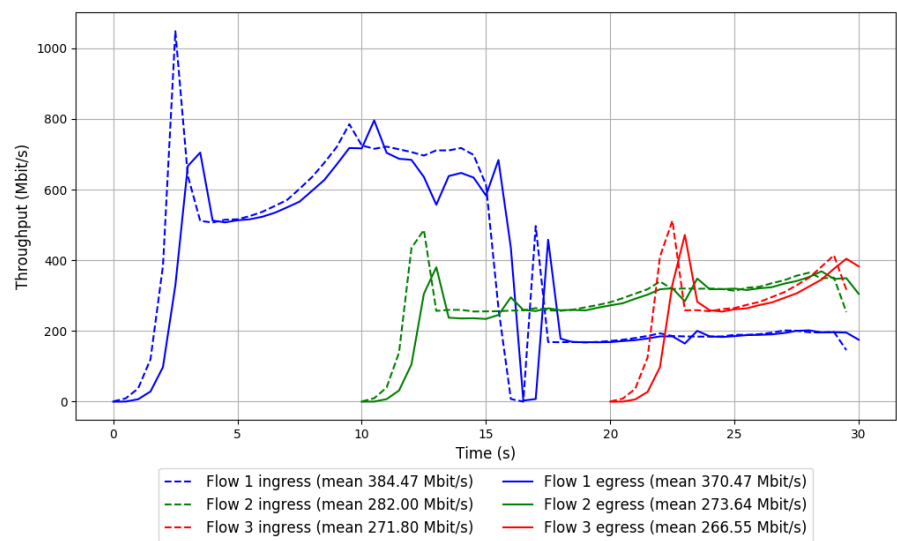


Run 3: Statistics of PCC-Allegro

Start at: 2018-08-09 07:12:22
End at: 2018-08-09 07:12:52
Local clock offset: -0.058 ms
Remote clock offset: -0.064 ms

Below is generated by plot.py at 2018-08-09 12:52:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 640.13 Mbit/s
95th percentile per-packet one-way delay: 176.567 ms
Loss rate: 3.22%
-- Flow 1:
Average throughput: 370.47 Mbit/s
95th percentile per-packet one-way delay: 187.155 ms
Loss rate: 3.64%
-- Flow 2:
Average throughput: 273.64 Mbit/s
95th percentile per-packet one-way delay: 168.585 ms
Loss rate: 2.96%
-- Flow 3:
Average throughput: 266.55 Mbit/s
95th percentile per-packet one-way delay: 134.306 ms
Loss rate: 1.93%

Run 3: Report of PCC-Allegro — Data Link

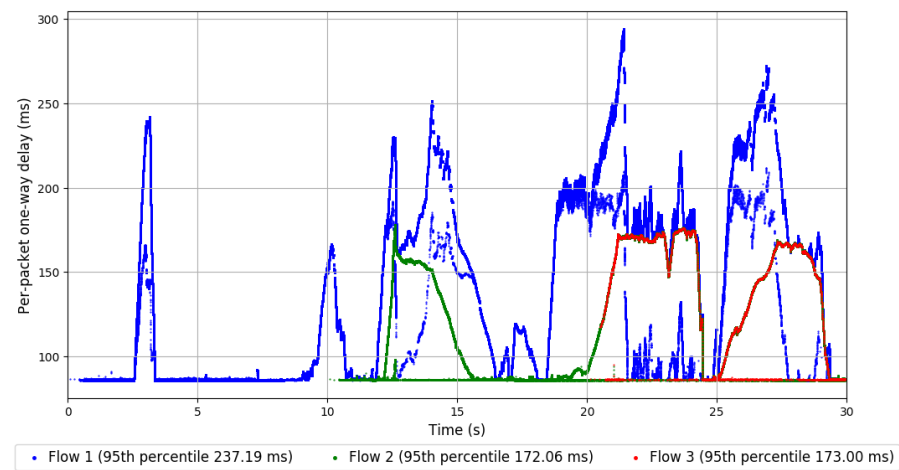
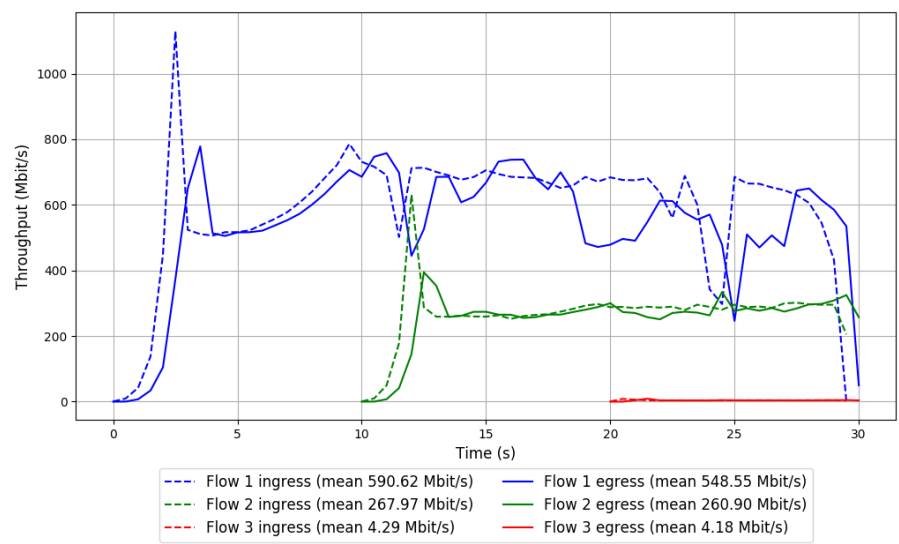


Run 4: Statistics of PCC-Allegro

Start at: 2018-08-09 07:39:50
End at: 2018-08-09 07:40:20
Local clock offset: 0.029 ms
Remote clock offset: -0.049 ms

Below is generated by plot.py at 2018-08-09 12:54:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 718.47 Mbit/s
95th percentile per-packet one-way delay: 229.392 ms
Loss rate: 6.07%
-- Flow 1:
Average throughput: 548.55 Mbit/s
95th percentile per-packet one-way delay: 237.188 ms
Loss rate: 7.13%
-- Flow 2:
Average throughput: 260.90 Mbit/s
95th percentile per-packet one-way delay: 172.060 ms
Loss rate: 2.64%
-- Flow 3:
Average throughput: 4.18 Mbit/s
95th percentile per-packet one-way delay: 173.004 ms
Loss rate: 2.57%

Run 4: Report of PCC-Allegro — Data Link

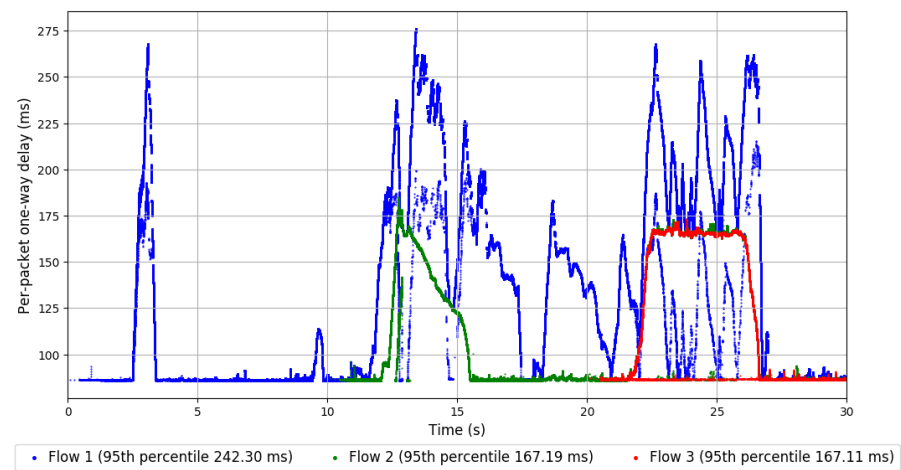
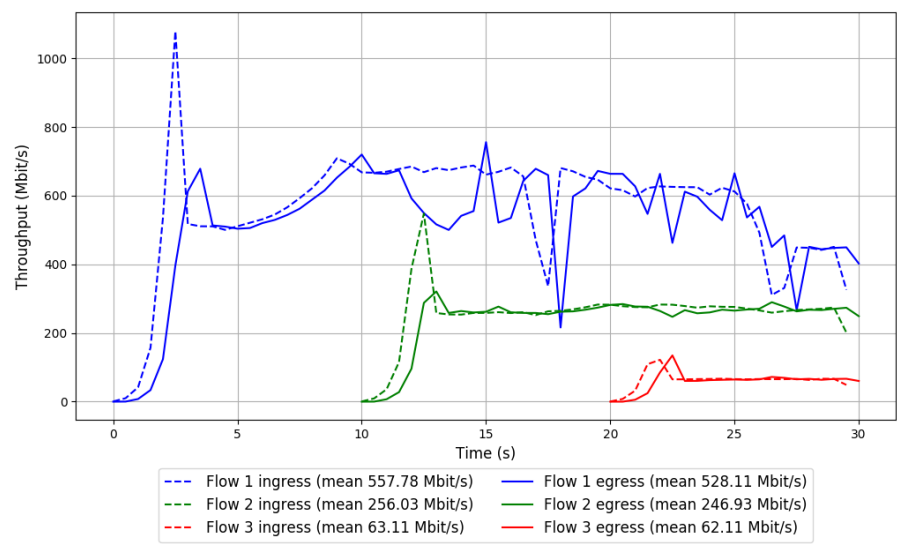


Run 5: Statistics of PCC-Allegro

Start at: 2018-08-09 08:07:13
End at: 2018-08-09 08:07:43
Local clock offset: -0.176 ms
Remote clock offset: -0.018 ms

Below is generated by plot.py at 2018-08-09 12:57:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 712.63 Mbit/s
95th percentile per-packet one-way delay: 233.690 ms
Loss rate: 4.83%
-- Flow 1:
Average throughput: 528.11 Mbit/s
95th percentile per-packet one-way delay: 242.297 ms
Loss rate: 5.34%
-- Flow 2:
Average throughput: 246.93 Mbit/s
95th percentile per-packet one-way delay: 167.195 ms
Loss rate: 3.56%
-- Flow 3:
Average throughput: 62.11 Mbit/s
95th percentile per-packet one-way delay: 167.109 ms
Loss rate: 1.60%

Run 5: Report of PCC-Allegro — Data Link

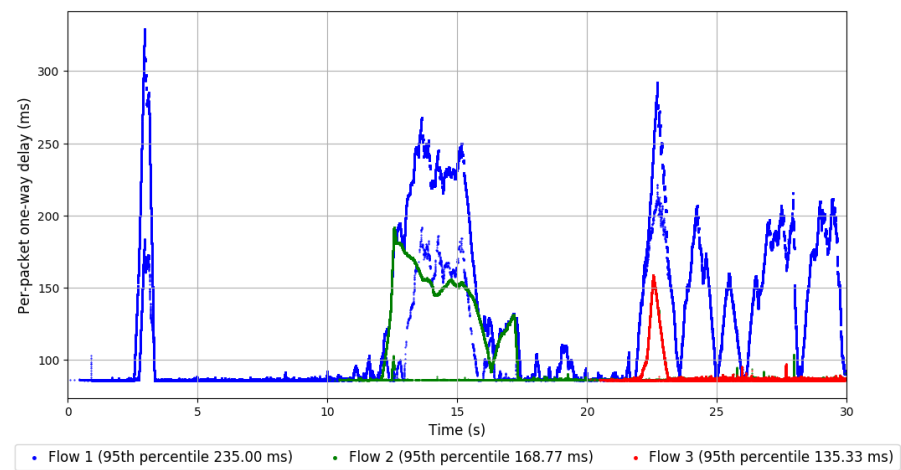
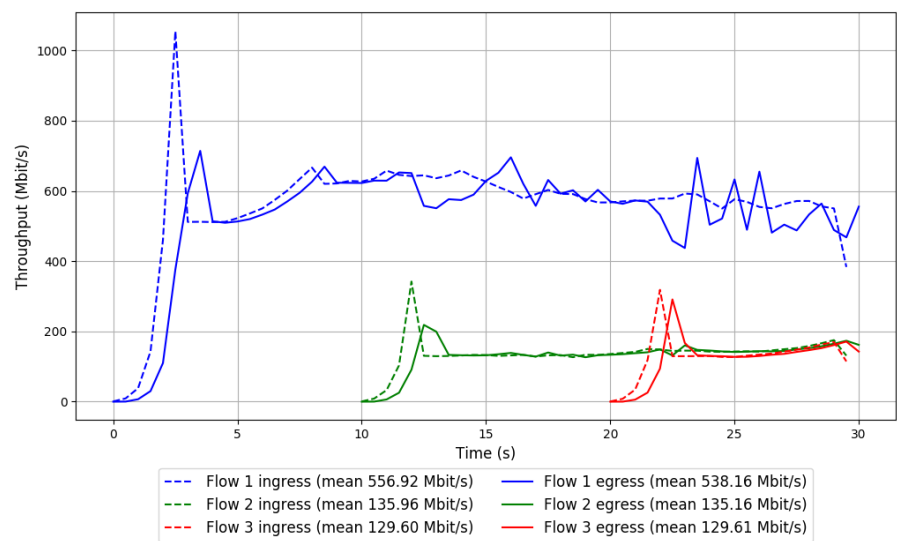


Run 6: Statistics of PCC-Allegro

Start at: 2018-08-09 08:34:36
End at: 2018-08-09 08:35:06
Local clock offset: -0.08 ms
Remote clock offset: -0.025 ms

Below is generated by plot.py at 2018-08-09 12:58:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 670.63 Mbit/s
95th percentile per-packet one-way delay: 230.647 ms
Loss rate: 2.79%
-- Flow 1:
Average throughput: 538.16 Mbit/s
95th percentile per-packet one-way delay: 235.003 ms
Loss rate: 3.36%
-- Flow 2:
Average throughput: 135.16 Mbit/s
95th percentile per-packet one-way delay: 168.768 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 129.61 Mbit/s
95th percentile per-packet one-way delay: 135.334 ms
Loss rate: 0.00%

Run 6: Report of PCC-Allegro — Data Link

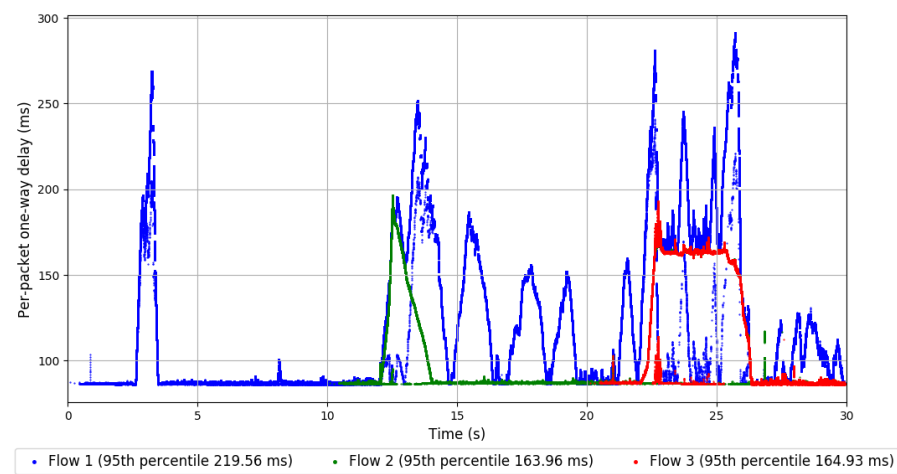
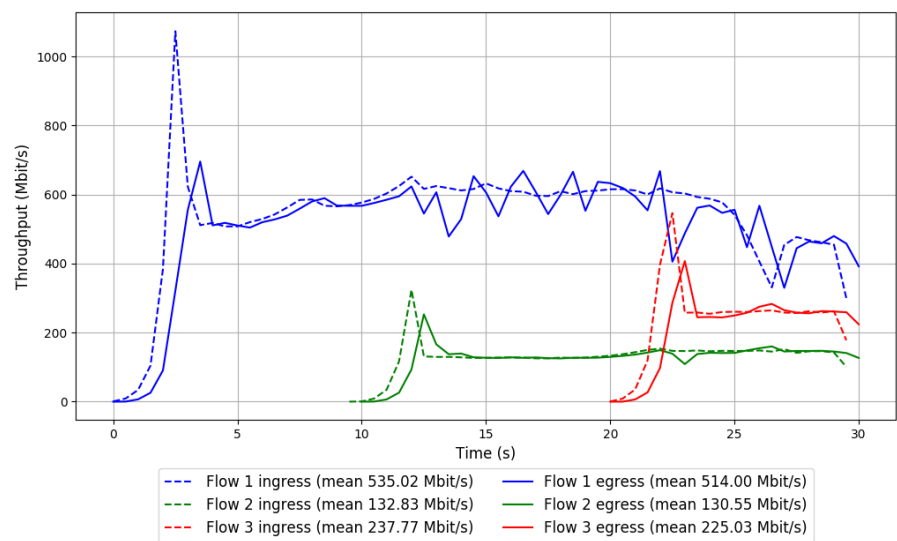


Run 7: Statistics of PCC-Allegro

Start at: 2018-08-09 09:01:44
End at: 2018-08-09 09:02:14
Local clock offset: -0.278 ms
Remote clock offset: -0.012 ms

Below is generated by plot.py at 2018-08-09 12:58:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 674.72 Mbit/s
95th percentile per-packet one-way delay: 210.023 ms
Loss rate: 3.81%
-- Flow 1:
Average throughput: 514.00 Mbit/s
95th percentile per-packet one-way delay: 219.562 ms
Loss rate: 3.93%
-- Flow 2:
Average throughput: 130.55 Mbit/s
95th percentile per-packet one-way delay: 163.956 ms
Loss rate: 1.72%
-- Flow 3:
Average throughput: 225.03 Mbit/s
95th percentile per-packet one-way delay: 164.925 ms
Loss rate: 5.36%

Run 7: Report of PCC-Allegro — Data Link



Run 8: Statistics of PCC-Allegro

Start at: 2018-08-09 09:28:53

End at: 2018-08-09 09:29:23

Local clock offset: -0.025 ms

Remote clock offset: 0.007 ms

Below is generated by plot.py at 2018-08-09 12:59:25

Datalink statistics

-- Total of 3 flows:

Average throughput: 707.33 Mbit/s

95th percentile per-packet one-way delay: 214.087 ms

Loss rate: 7.69%

-- Flow 1:

Average throughput: 479.44 Mbit/s

95th percentile per-packet one-way delay: 233.605 ms

Loss rate: 8.52%

-- Flow 2:

Average throughput: 235.25 Mbit/s

95th percentile per-packet one-way delay: 167.379 ms

Loss rate: 4.26%

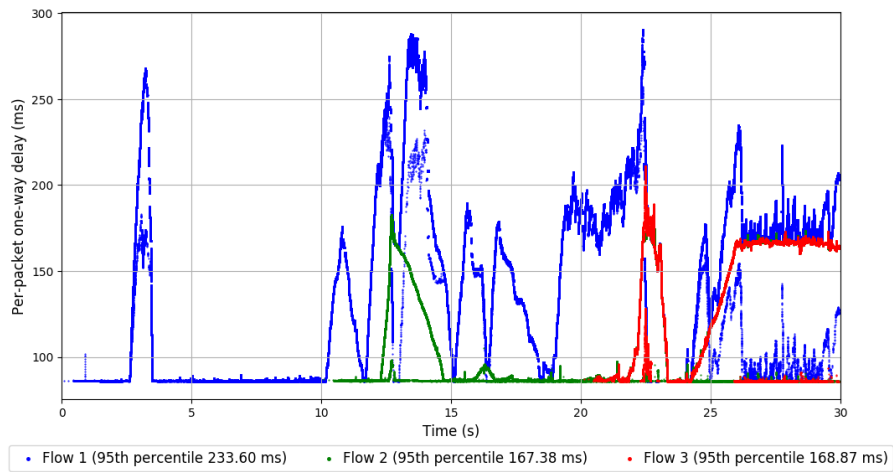
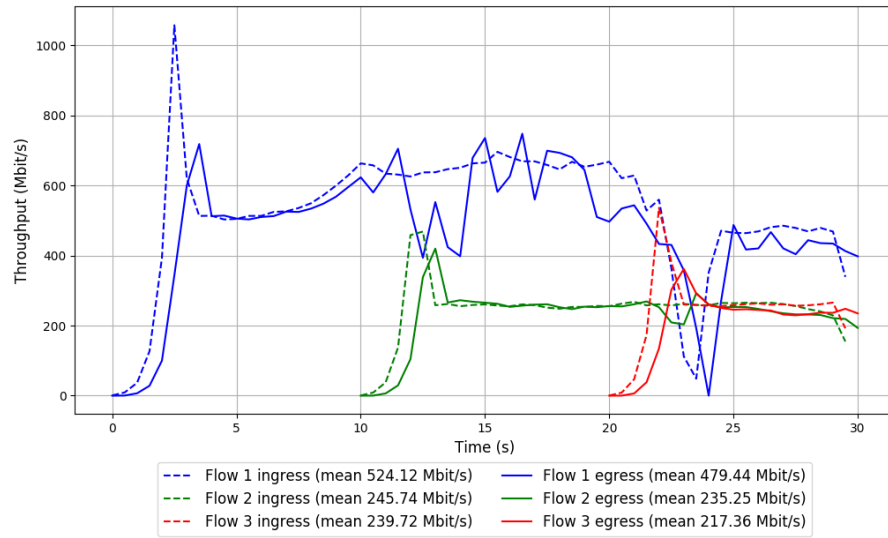
-- Flow 3:

Average throughput: 217.36 Mbit/s

95th percentile per-packet one-way delay: 168.870 ms

Loss rate: 9.31%

Run 8: Report of PCC-Allegro — Data Link

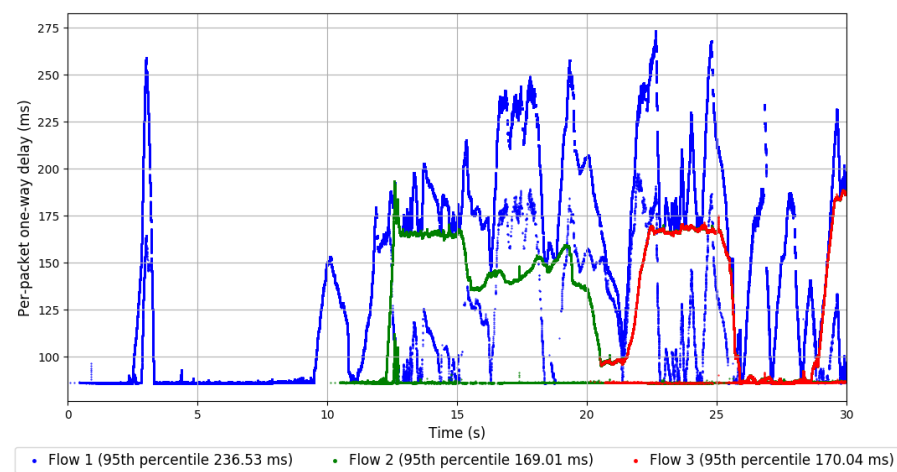
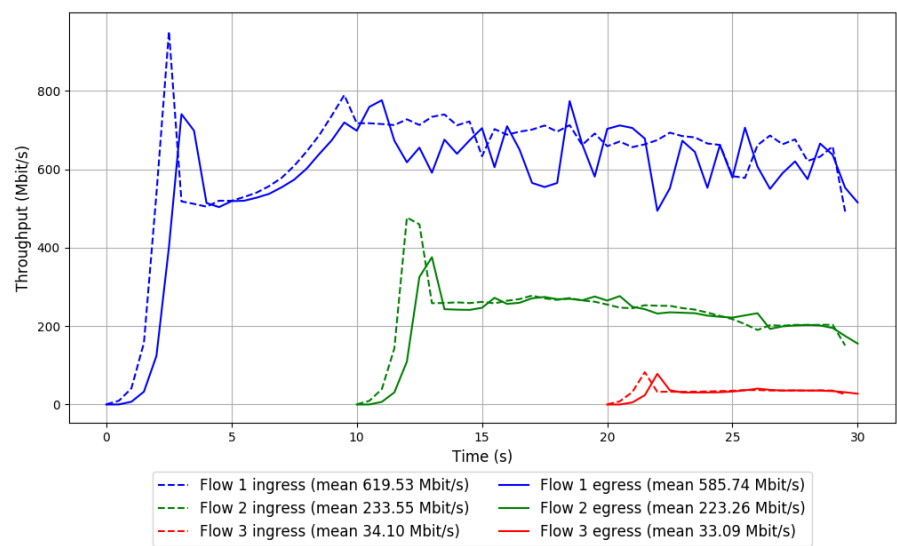


Run 9: Statistics of PCC-Allegro

Start at: 2018-08-09 09:56:20
End at: 2018-08-09 09:56:50
Local clock offset: -0.114 ms
Remote clock offset: -0.089 ms

Below is generated by plot.py at 2018-08-09 13:03:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 744.90 Mbit/s
95th percentile per-packet one-way delay: 233.558 ms
Loss rate: 5.21%
-- Flow 1:
Average throughput: 585.74 Mbit/s
95th percentile per-packet one-way delay: 236.532 ms
Loss rate: 5.45%
-- Flow 2:
Average throughput: 223.26 Mbit/s
95th percentile per-packet one-way delay: 169.009 ms
Loss rate: 4.38%
-- Flow 3:
Average throughput: 33.09 Mbit/s
95th percentile per-packet one-way delay: 170.037 ms
Loss rate: 2.96%

Run 9: Report of PCC-Allegro — Data Link

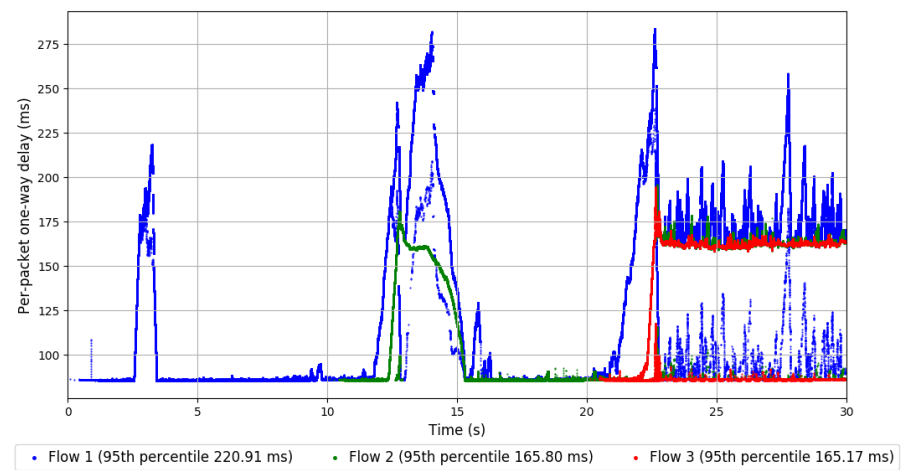
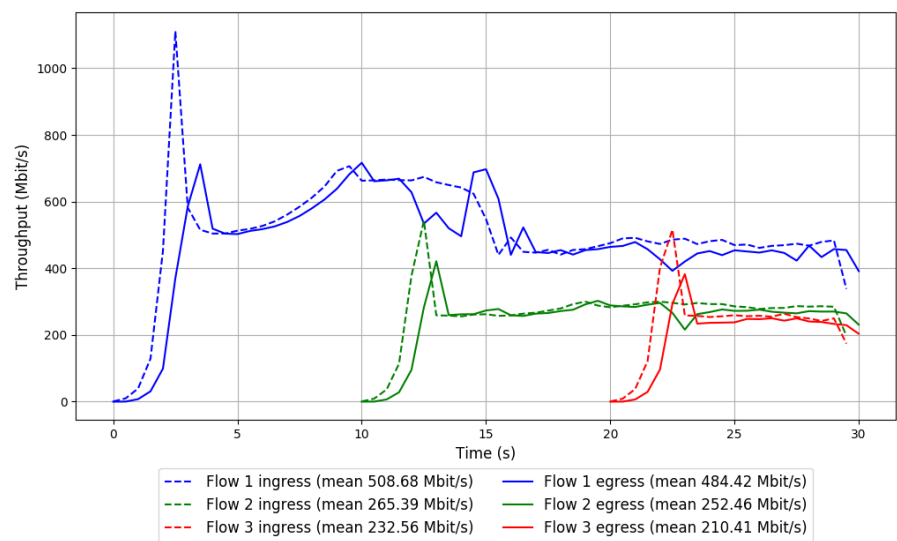


Run 10: Statistics of PCC-Allegro

Start at: 2018-08-09 10:23:48
End at: 2018-08-09 10:24:18
Local clock offset: -0.11 ms
Remote clock offset: -0.054 ms

Below is generated by plot.py at 2018-08-09 13:03:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 721.54 Mbit/s
95th percentile per-packet one-way delay: 206.080 ms
Loss rate: 5.27%
-- Flow 1:
Average throughput: 484.42 Mbit/s
95th percentile per-packet one-way delay: 220.910 ms
Loss rate: 4.77%
-- Flow 2:
Average throughput: 252.46 Mbit/s
95th percentile per-packet one-way delay: 165.803 ms
Loss rate: 4.87%
-- Flow 3:
Average throughput: 210.41 Mbit/s
95th percentile per-packet one-way delay: 165.171 ms
Loss rate: 9.53%

Run 10: Report of PCC-Allegro — Data Link

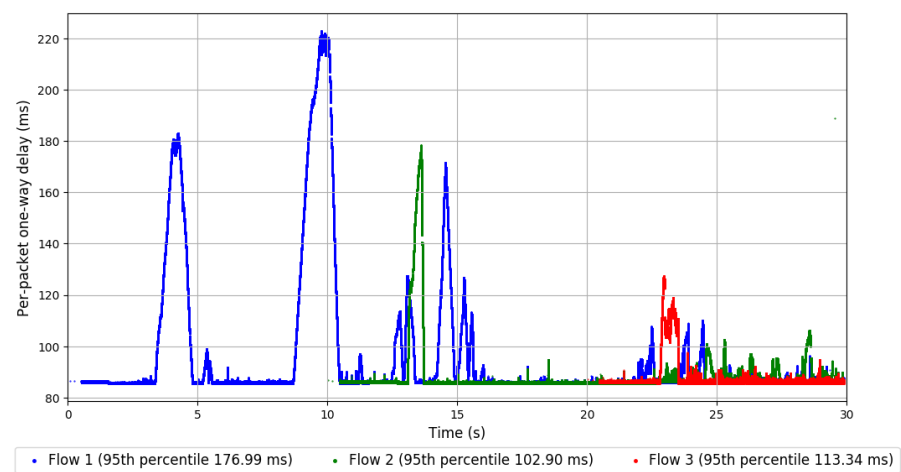
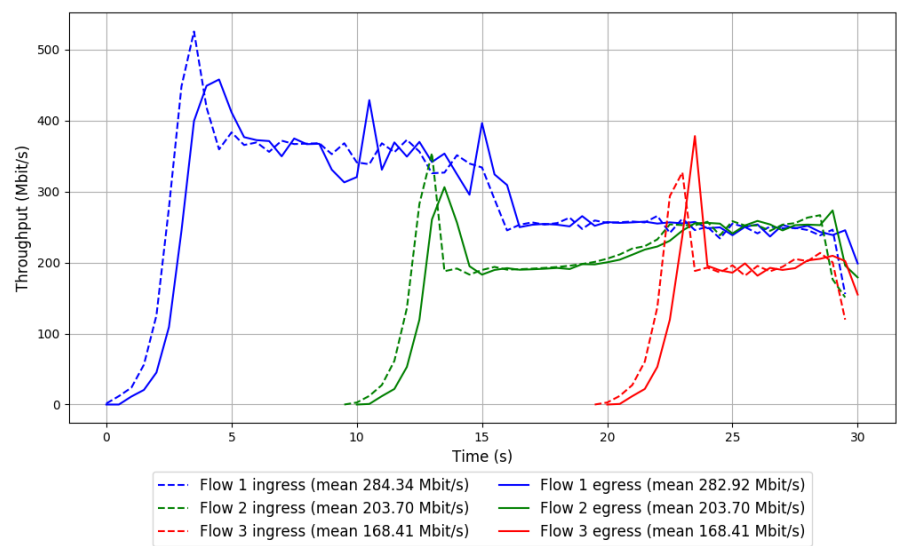


```
Run 1: Statistics of PCC-Expr

Start at: 2018-08-09 05:59:35
End at: 2018-08-09 06:00:05
Local clock offset: -0.049 ms
Remote clock offset: -0.091 ms

# Below is generated by plot.py at 2018-08-09 13:06:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 474.39 Mbit/s
95th percentile per-packet one-way delay: 158.901 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 282.92 Mbit/s
95th percentile per-packet one-way delay: 176.992 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 203.70 Mbit/s
95th percentile per-packet one-way delay: 102.899 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 168.41 Mbit/s
95th percentile per-packet one-way delay: 113.338 ms
Loss rate: 0.00%
```


Run 1: Report of PCC-Expr — Data Link

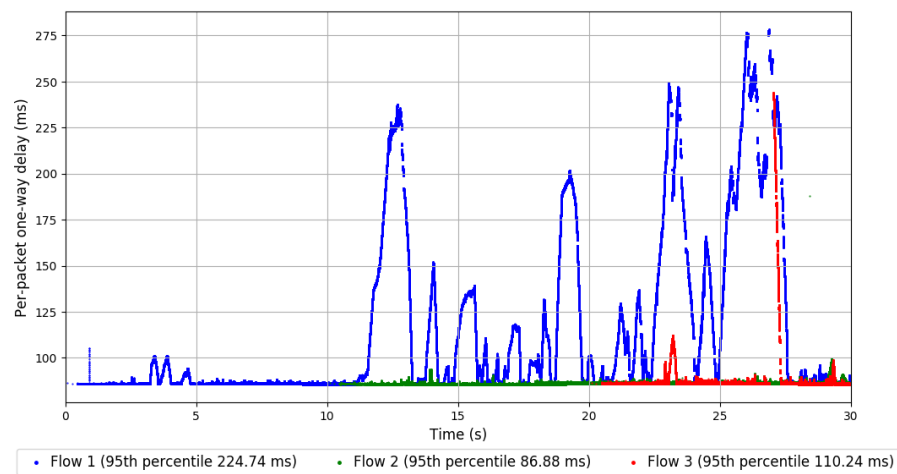
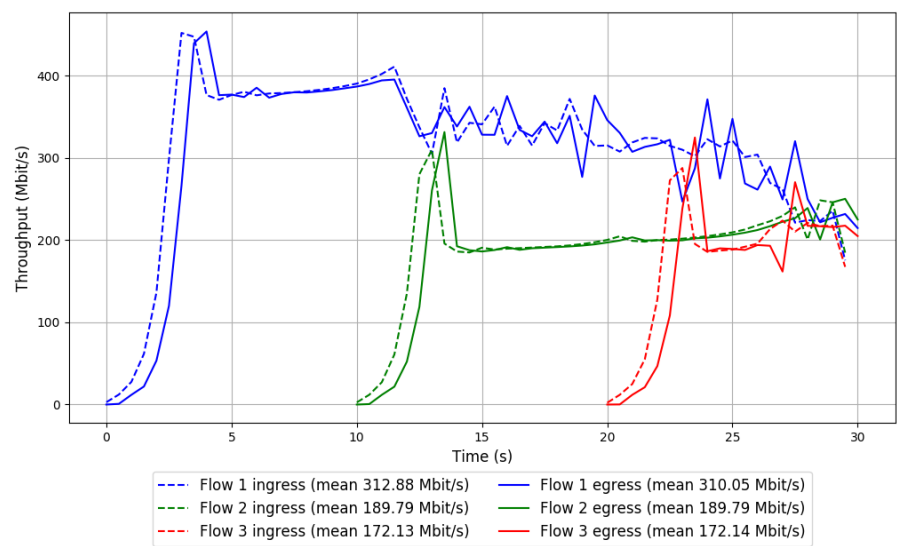


Run 2: Statistics of PCC-Expr

Start at: 2018-08-09 06:26:59
End at: 2018-08-09 06:27:29
Local clock offset: -0.033 ms
Remote clock offset: -0.028 ms

Below is generated by plot.py at 2018-08-09 13:09:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 493.07 Mbit/s
95th percentile per-packet one-way delay: 203.828 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 310.05 Mbit/s
95th percentile per-packet one-way delay: 224.735 ms
Loss rate: 0.90%
-- Flow 2:
Average throughput: 189.79 Mbit/s
95th percentile per-packet one-way delay: 86.883 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 172.14 Mbit/s
95th percentile per-packet one-way delay: 110.244 ms
Loss rate: 0.00%

Run 2: Report of PCC-Expr — Data Link

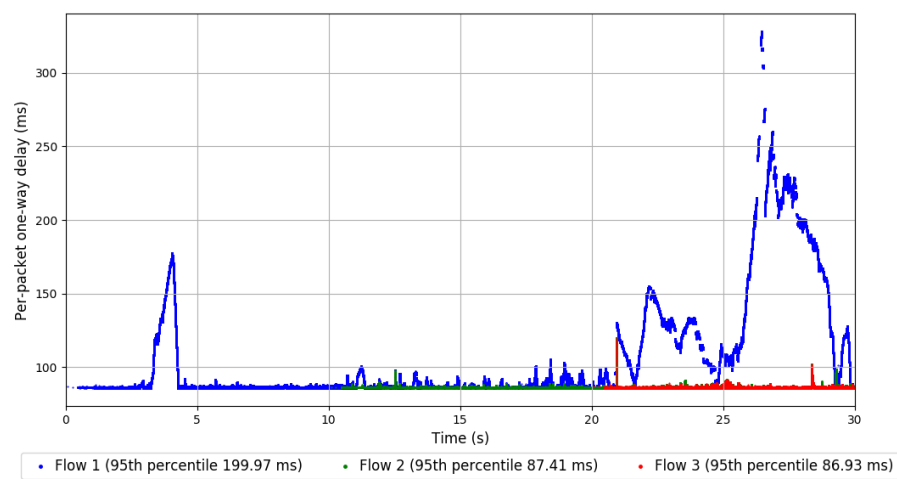
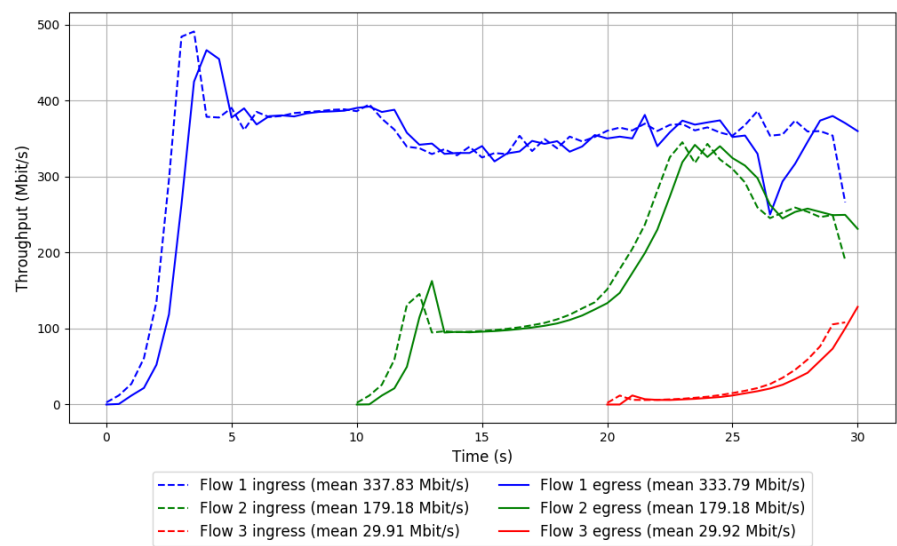


Run 3: Statistics of PCC-Expr

Start at: 2018-08-09 06:54:29
End at: 2018-08-09 06:54:59
Local clock offset: -0.174 ms
Remote clock offset: -0.031 ms

Below is generated by plot.py at 2018-08-09 13:11:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 462.83 Mbit/s
95th percentile per-packet one-way delay: 186.272 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 333.79 Mbit/s
95th percentile per-packet one-way delay: 199.972 ms
Loss rate: 1.20%
-- Flow 2:
Average throughput: 179.18 Mbit/s
95th percentile per-packet one-way delay: 87.407 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.92 Mbit/s
95th percentile per-packet one-way delay: 86.926 ms
Loss rate: 0.00%

Run 3: Report of PCC-Expr — Data Link

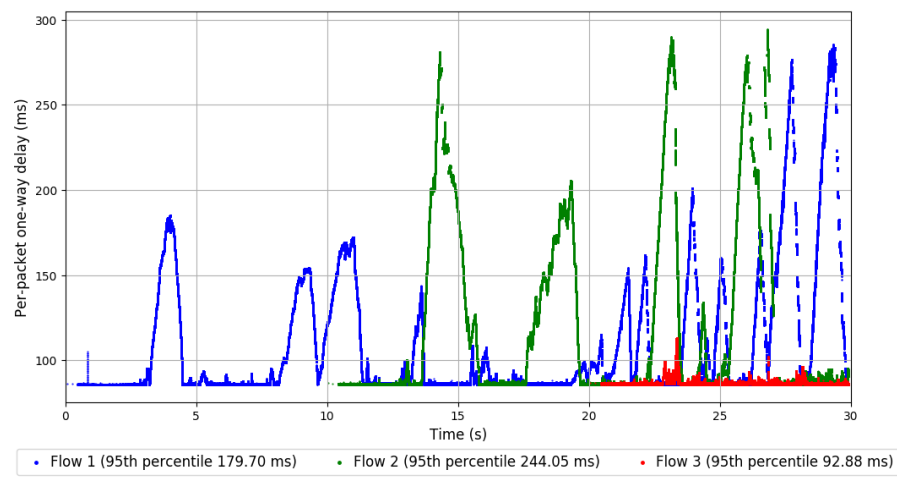
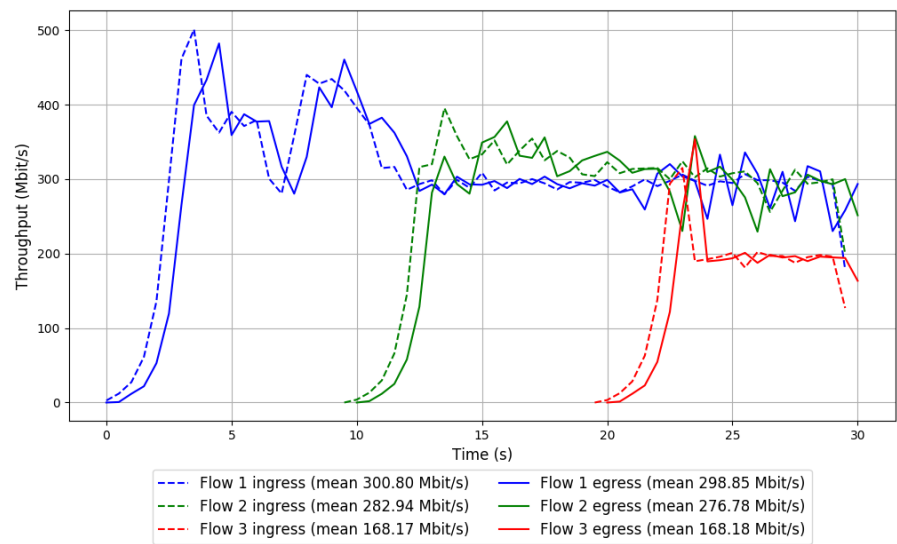


Run 4: Statistics of PCC-Expr

Start at: 2018-08-09 07:21:59
End at: 2018-08-09 07:22:29
Local clock offset: -0.166 ms
Remote clock offset: -0.062 ms

Below is generated by plot.py at 2018-08-09 13:15:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 538.85 Mbit/s
95th percentile per-packet one-way delay: 210.645 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 298.85 Mbit/s
95th percentile per-packet one-way delay: 179.697 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 276.78 Mbit/s
95th percentile per-packet one-way delay: 244.053 ms
Loss rate: 2.18%
-- Flow 3:
Average throughput: 168.18 Mbit/s
95th percentile per-packet one-way delay: 92.878 ms
Loss rate: 0.00%

Run 4: Report of PCC-Expr — Data Link

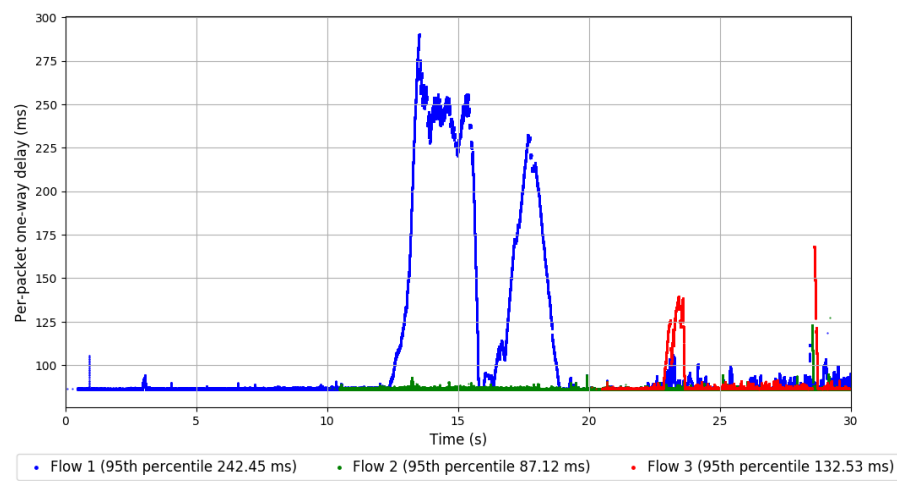
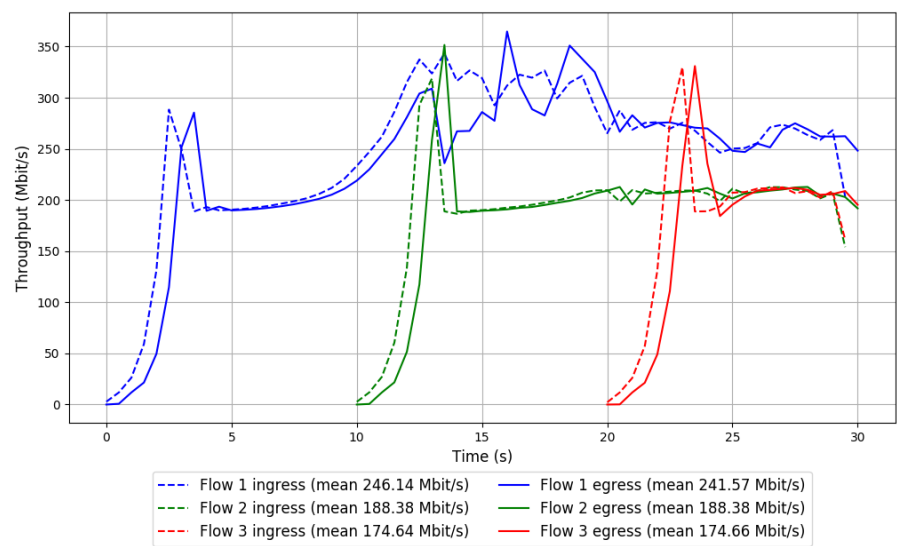


Run 5: Statistics of PCC-Expr

Start at: 2018-08-09 07:49:40
End at: 2018-08-09 07:50:10
Local clock offset: -0.268 ms
Remote clock offset: -0.029 ms

Below is generated by plot.py at 2018-08-09 13:15:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 424.48 Mbit/s
95th percentile per-packet one-way delay: 223.960 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 241.57 Mbit/s
95th percentile per-packet one-way delay: 242.451 ms
Loss rate: 1.85%
-- Flow 2:
Average throughput: 188.38 Mbit/s
95th percentile per-packet one-way delay: 87.118 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 174.66 Mbit/s
95th percentile per-packet one-way delay: 132.529 ms
Loss rate: 0.00%

Run 5: Report of PCC-Expr — Data Link

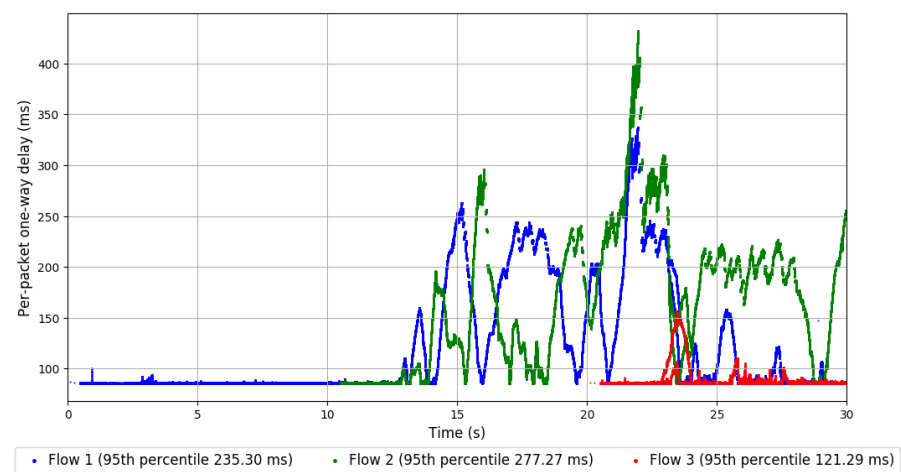
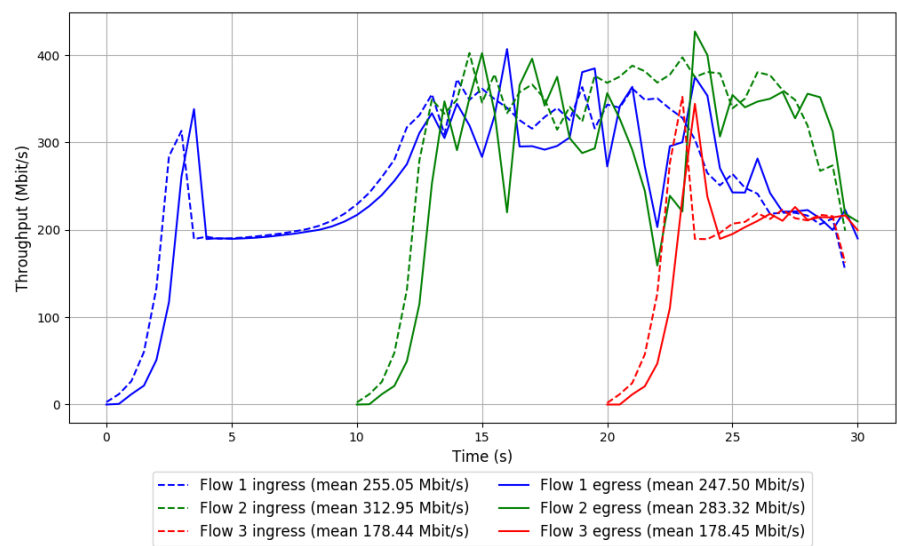


Run 6: Statistics of PCC-Expr

Start at: 2018-08-09 08:16:58
End at: 2018-08-09 08:17:28
Local clock offset: 0.023 ms
Remote clock offset: -0.062 ms

Below is generated by plot.py at 2018-08-09 13:15:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 494.71 Mbit/s
95th percentile per-packet one-way delay: 244.889 ms
Loss rate: 5.22%
-- Flow 1:
Average throughput: 247.50 Mbit/s
95th percentile per-packet one-way delay: 235.300 ms
Loss rate: 2.96%
-- Flow 2:
Average throughput: 283.32 Mbit/s
95th percentile per-packet one-way delay: 277.271 ms
Loss rate: 9.46%
-- Flow 3:
Average throughput: 178.45 Mbit/s
95th percentile per-packet one-way delay: 121.294 ms
Loss rate: 0.00%

Run 6: Report of PCC-Expr — Data Link

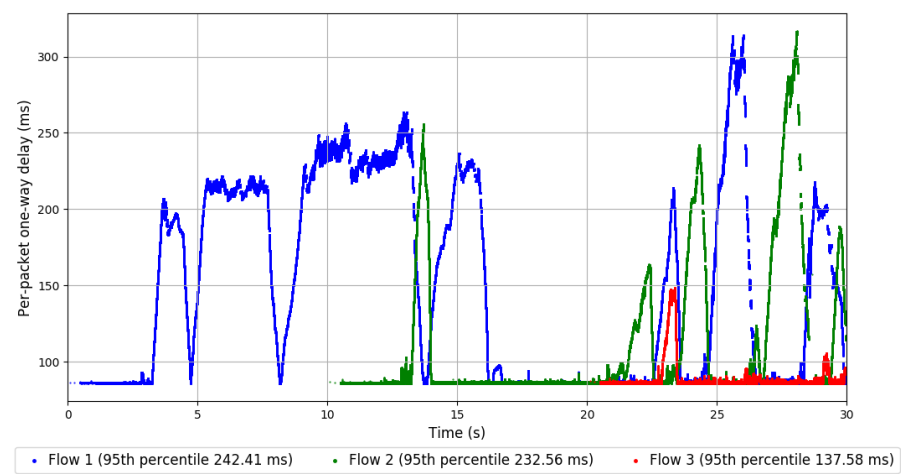
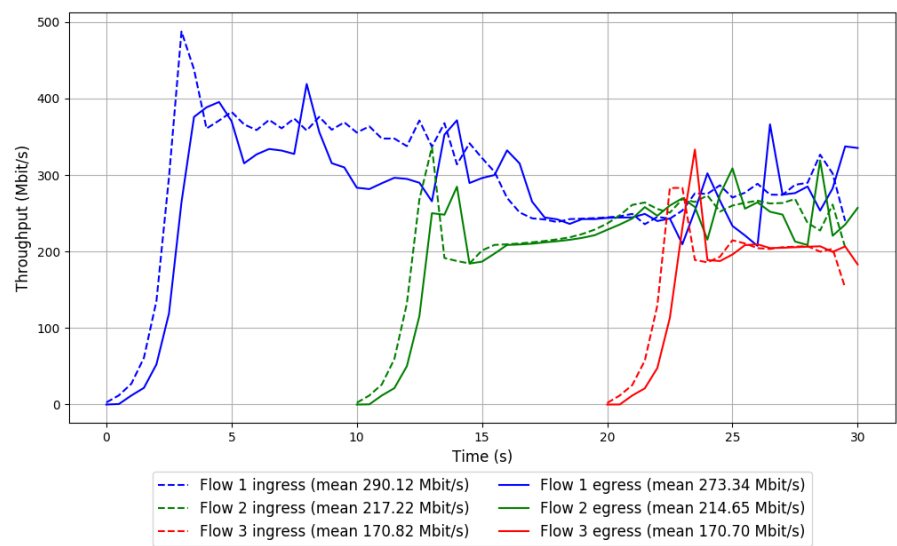


Run 7: Statistics of PCC-Expr

Start at: 2018-08-09 08:44:14
End at: 2018-08-09 08:44:44
Local clock offset: 0.05 ms
Remote clock offset: -0.011 ms

Below is generated by plot.py at 2018-08-09 13:19:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 472.39 Mbit/s
95th percentile per-packet one-way delay: 238.902 ms
Loss rate: 3.77%
-- Flow 1:
Average throughput: 273.34 Mbit/s
95th percentile per-packet one-way delay: 242.408 ms
Loss rate: 5.78%
-- Flow 2:
Average throughput: 214.65 Mbit/s
95th percentile per-packet one-way delay: 232.559 ms
Loss rate: 1.18%
-- Flow 3:
Average throughput: 170.70 Mbit/s
95th percentile per-packet one-way delay: 137.577 ms
Loss rate: 0.07%

Run 7: Report of PCC-Expr — Data Link



Run 8: Statistics of PCC-Expr

Start at: 2018-08-09 09:11:27

End at: 2018-08-09 09:11:57

Local clock offset: -0.261 ms

Remote clock offset: 0.009 ms

Below is generated by plot.py at 2018-08-09 13:19:50

Datalink statistics

-- Total of 3 flows:

Average throughput: 446.98 Mbit/s

95th percentile per-packet one-way delay: 118.628 ms

Loss rate: 0.18%

-- Flow 1:

Average throughput: 286.07 Mbit/s

95th percentile per-packet one-way delay: 139.680 ms

Loss rate: 0.29%

-- Flow 2:

Average throughput: 198.48 Mbit/s

95th percentile per-packet one-way delay: 96.114 ms

Loss rate: 0.00%

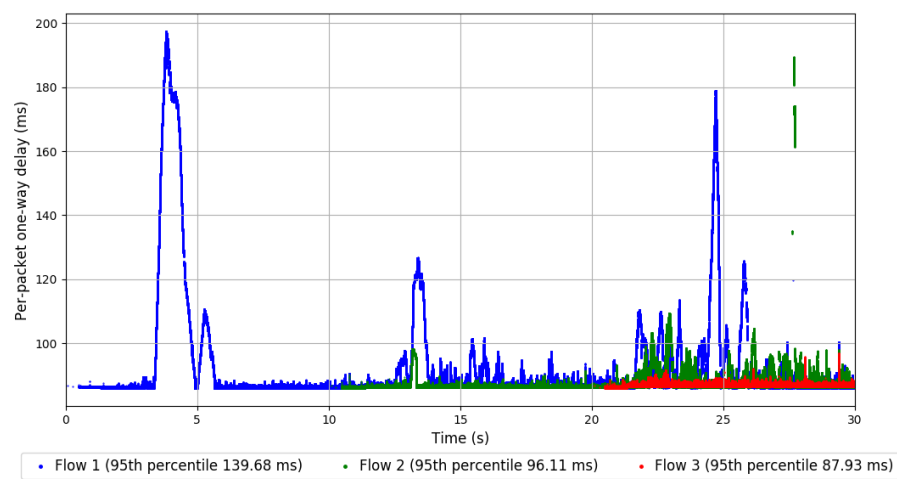
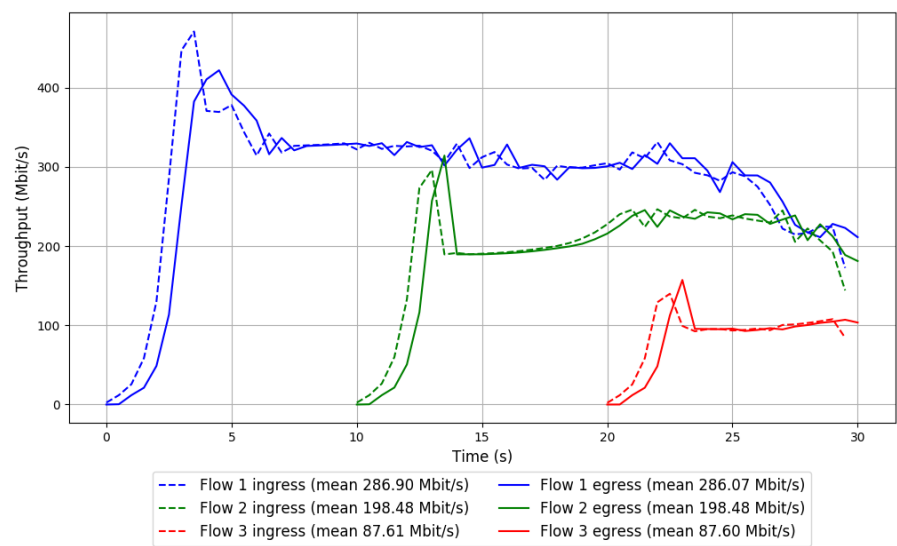
-- Flow 3:

Average throughput: 87.60 Mbit/s

95th percentile per-packet one-way delay: 87.930 ms

Loss rate: 0.00%

Run 8: Report of PCC-Expr — Data Link

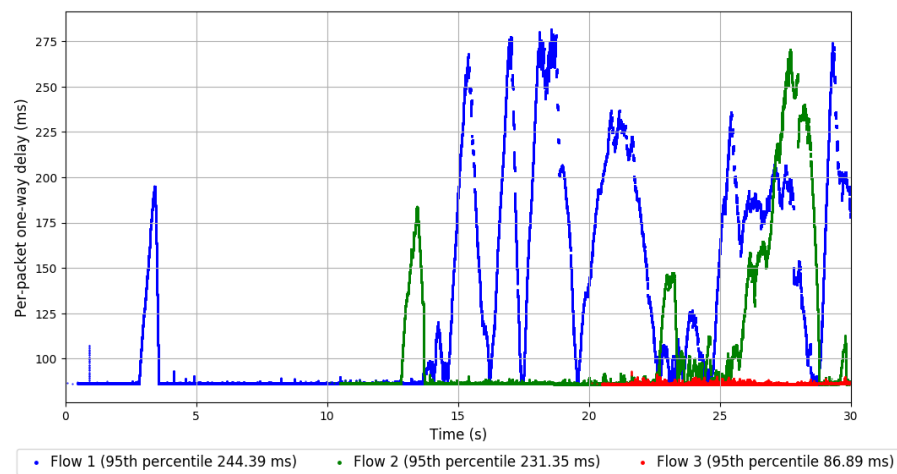
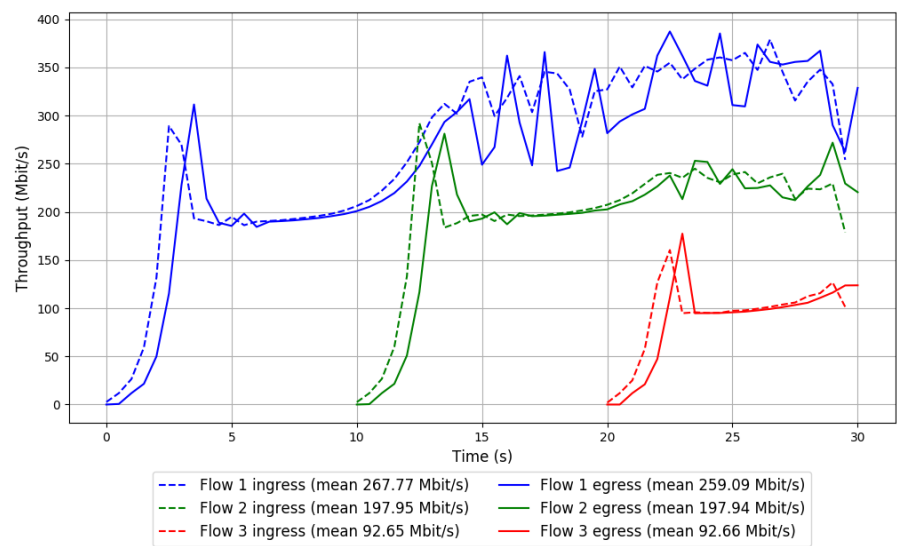


Run 9: Statistics of PCC-Expr

Start at: 2018-08-09 09:38:39
End at: 2018-08-09 09:39:09
Local clock offset: -0.145 ms
Remote clock offset: -0.014 ms

Below is generated by plot.py at 2018-08-09 13:21:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 421.28 Mbit/s
95th percentile per-packet one-way delay: 234.229 ms
Loss rate: 2.02%
-- Flow 1:
Average throughput: 259.09 Mbit/s
95th percentile per-packet one-way delay: 244.386 ms
Loss rate: 3.24%
-- Flow 2:
Average throughput: 197.94 Mbit/s
95th percentile per-packet one-way delay: 231.349 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 92.66 Mbit/s
95th percentile per-packet one-way delay: 86.885 ms
Loss rate: 0.00%

Run 9: Report of PCC-Expr — Data Link



Run 10: Statistics of PCC-Expr

Start at: 2018-08-09 10:06:02

End at: 2018-08-09 10:06:32

Local clock offset: -0.139 ms

Remote clock offset: 0.005 ms

Below is generated by plot.py at 2018-08-09 13:23:40

Datalink statistics

-- Total of 3 flows:

Average throughput: 424.28 Mbit/s

95th percentile per-packet one-way delay: 162.934 ms

Loss rate: 0.93%

-- Flow 1:

Average throughput: 249.84 Mbit/s

95th percentile per-packet one-way delay: 188.085 ms

Loss rate: 1.56%

-- Flow 2:

Average throughput: 181.12 Mbit/s

95th percentile per-packet one-way delay: 105.433 ms

Loss rate: 0.00%

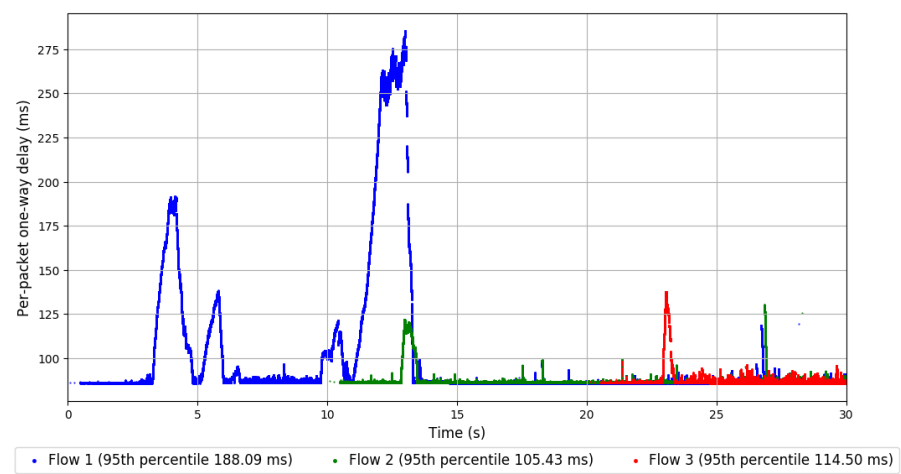
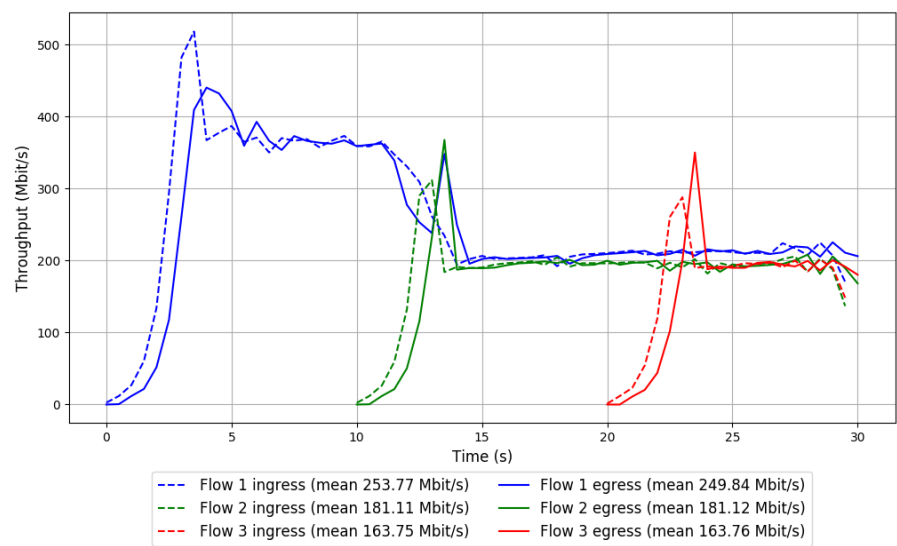
-- Flow 3:

Average throughput: 163.76 Mbit/s

95th percentile per-packet one-way delay: 114.502 ms

Loss rate: 0.00%

Run 10: Report of PCC-Expr — Data Link

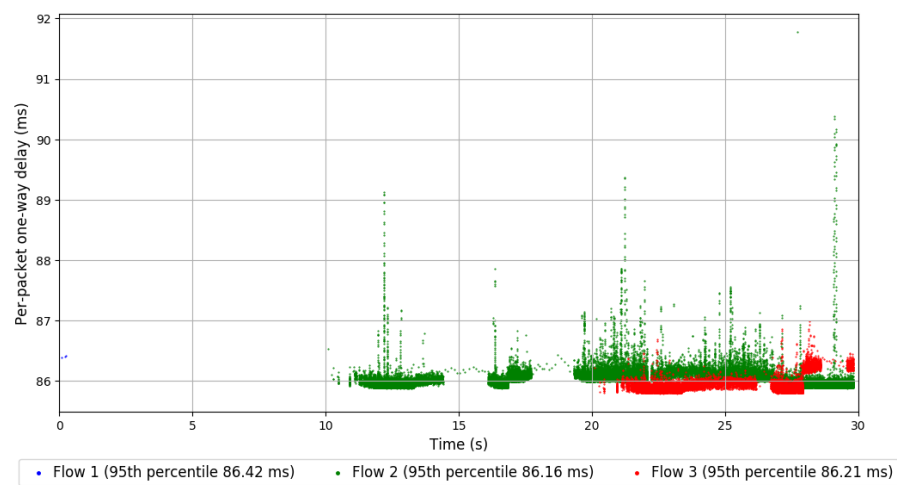
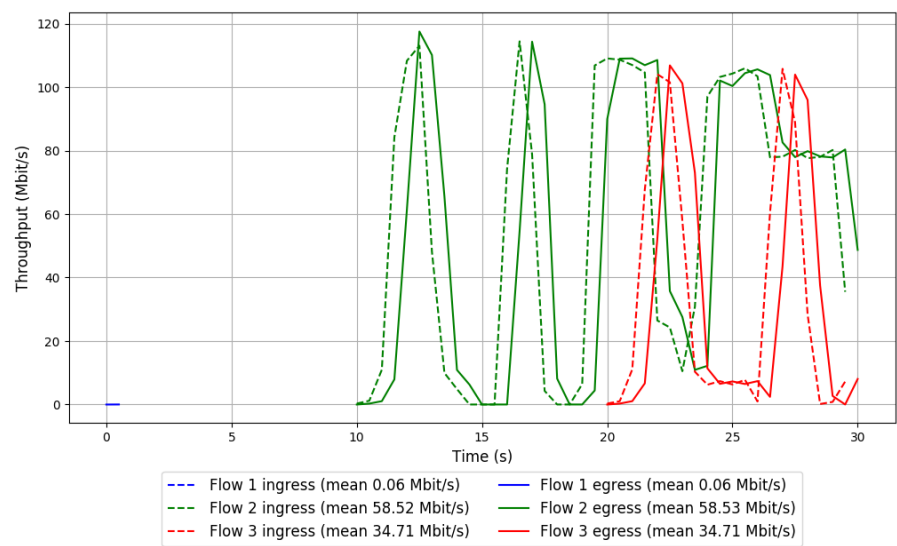


Run 1: Statistics of QUIC Cubic

Start at: 2018-08-09 06:20:50
End at: 2018-08-09 06:21:20
Local clock offset: -0.028 ms
Remote clock offset: -0.061 ms

Below is generated by plot.py at 2018-08-09 13:23:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 50.17 Mbit/s
95th percentile per-packet one-way delay: 86.167 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 86.418 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 58.53 Mbit/s
95th percentile per-packet one-way delay: 86.155 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 34.71 Mbit/s
95th percentile per-packet one-way delay: 86.209 ms
Loss rate: 0.00%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-08-09 06:48:14

End at: 2018-08-09 06:48:44

Local clock offset: -0.149 ms

Remote clock offset: 0.018 ms

Below is generated by plot.py at 2018-08-09 13:23:40

Datalink statistics

-- Total of 3 flows:

Average throughput: 111.12 Mbit/s

95th percentile per-packet one-way delay: 86.624 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 67.31 Mbit/s

95th percentile per-packet one-way delay: 86.647 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 48.34 Mbit/s

95th percentile per-packet one-way delay: 86.402 ms

Loss rate: 0.00%

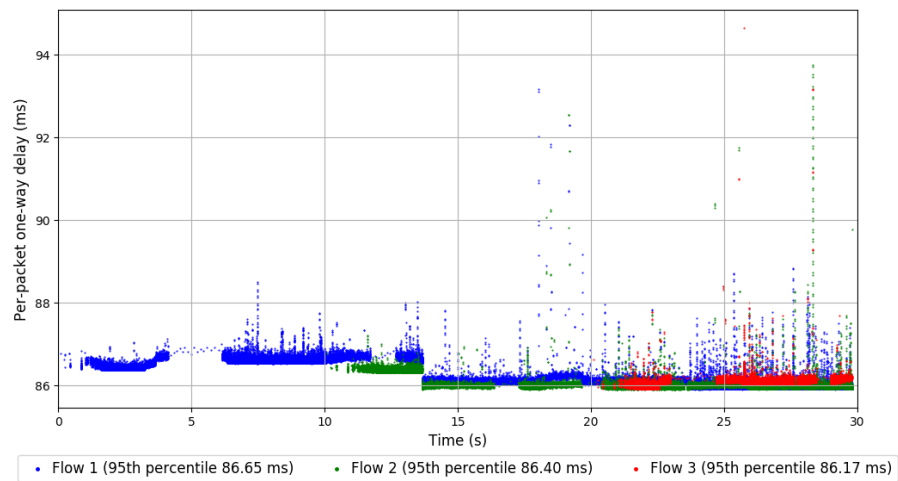
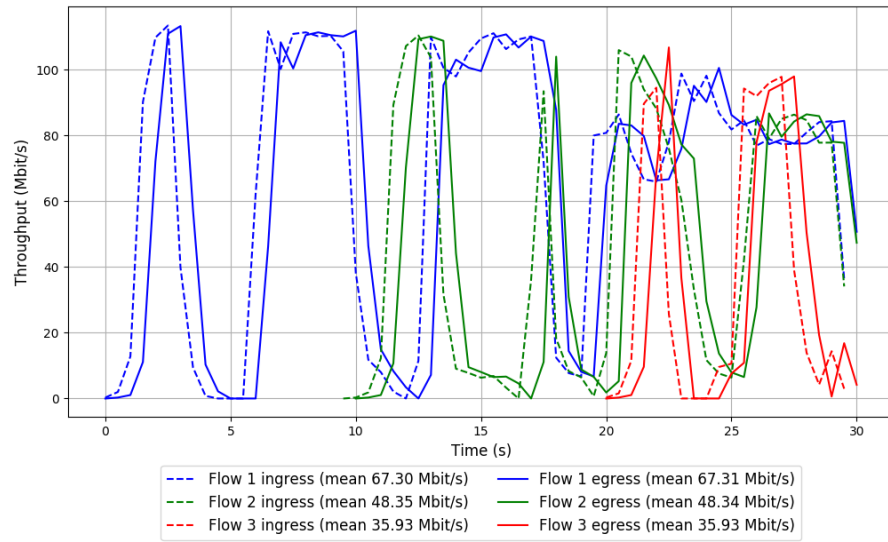
-- Flow 3:

Average throughput: 35.93 Mbit/s

95th percentile per-packet one-way delay: 86.175 ms

Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link

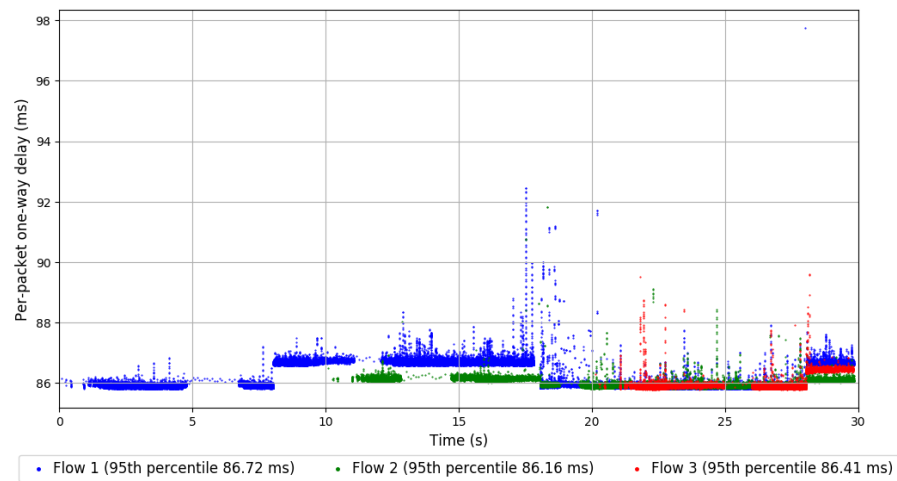
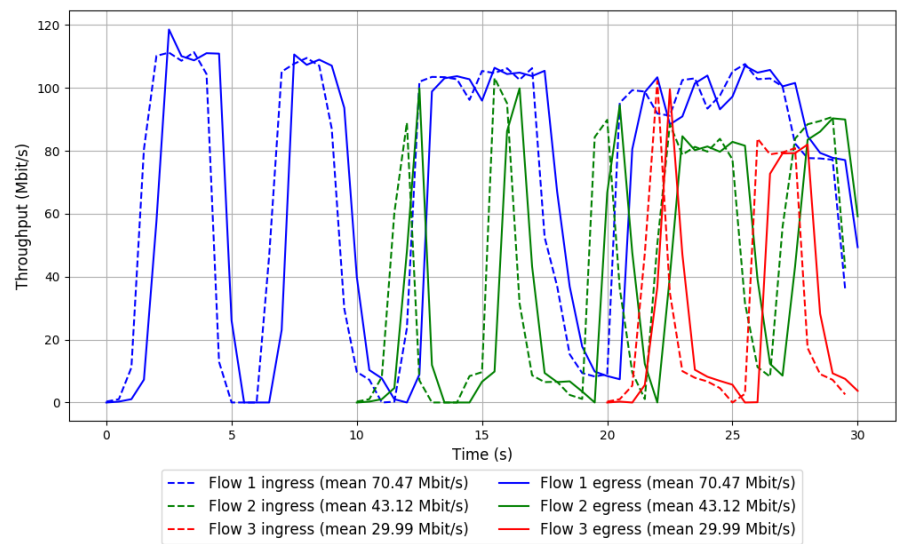


Run 3: Statistics of QUIC Cubic

Start at: 2018-08-09 07:15:49
End at: 2018-08-09 07:16:19
Local clock offset: -0.169 ms
Remote clock offset: -0.067 ms

Below is generated by plot.py at 2018-08-09 13:23:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 108.86 Mbit/s
95th percentile per-packet one-way delay: 86.696 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 70.47 Mbit/s
95th percentile per-packet one-way delay: 86.715 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 43.12 Mbit/s
95th percentile per-packet one-way delay: 86.160 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.99 Mbit/s
95th percentile per-packet one-way delay: 86.414 ms
Loss rate: 0.00%

Run 3: Report of QUIC Cubic — Data Link

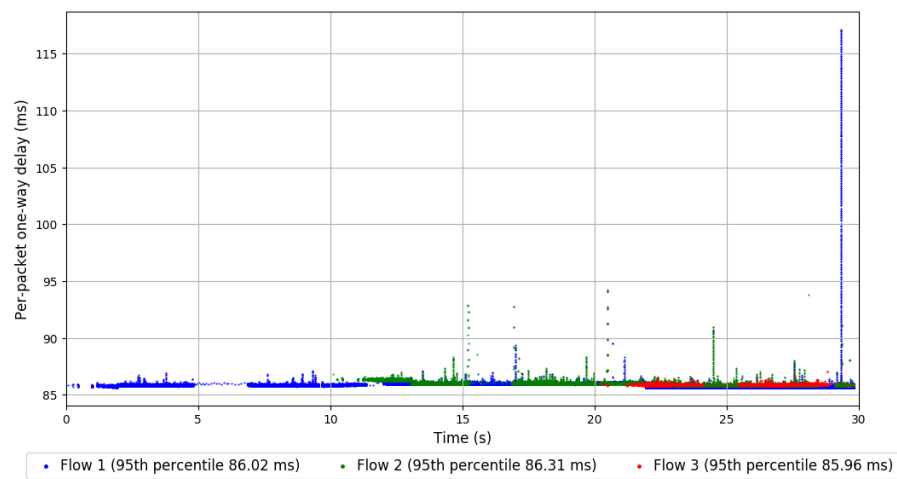
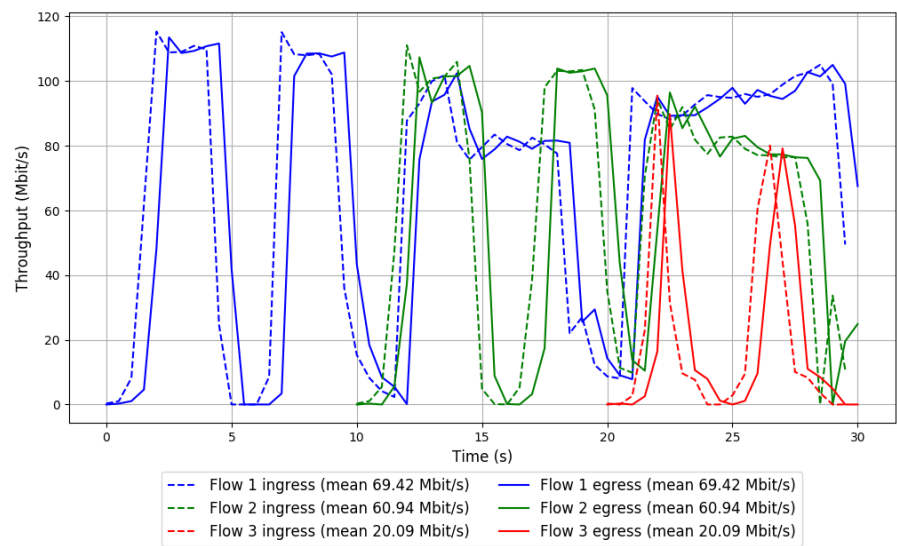


Run 4: Statistics of QUIC Cubic

Start at: 2018-08-09 07:43:25
End at: 2018-08-09 07:43:55
Local clock offset: 0.043 ms
Remote clock offset: -0.044 ms

Below is generated by plot.py at 2018-08-09 13:23:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 116.39 Mbit/s
95th percentile per-packet one-way delay: 86.083 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 69.42 Mbit/s
95th percentile per-packet one-way delay: 86.018 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 60.94 Mbit/s
95th percentile per-packet one-way delay: 86.307 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 20.09 Mbit/s
95th percentile per-packet one-way delay: 85.957 ms
Loss rate: 0.00%

Run 4: Report of QUIC Cubic — Data Link

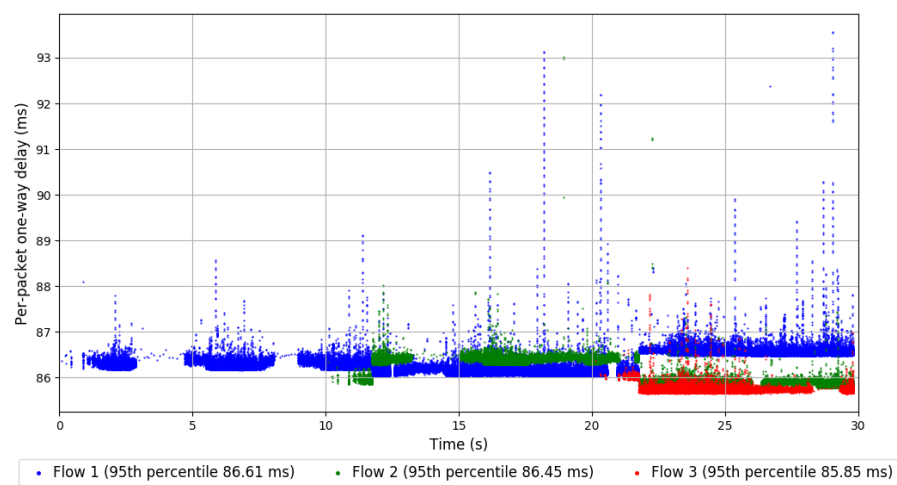
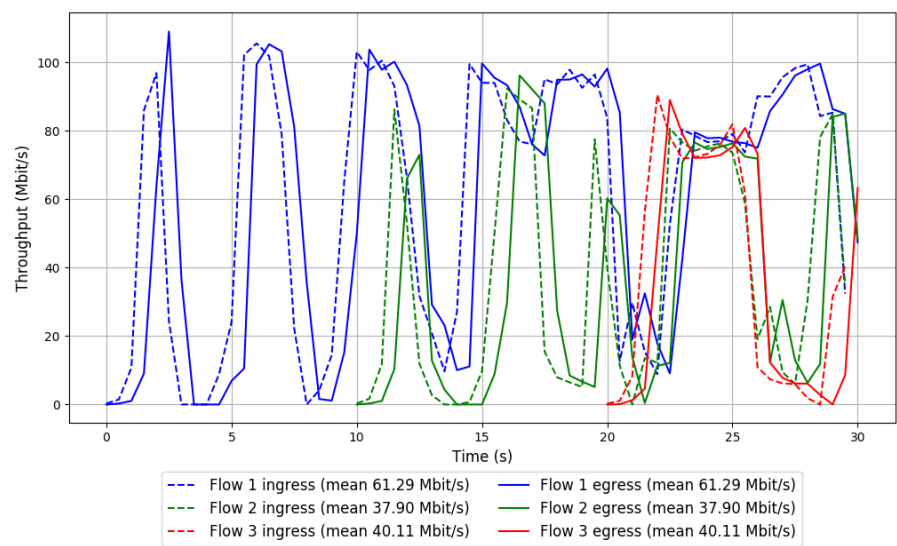


Run 5: Statistics of QUIC Cubic

Start at: 2018-08-09 08:10:45
End at: 2018-08-09 08:11:15
Local clock offset: 0.052 ms
Remote clock offset: -0.028 ms

Below is generated by plot.py at 2018-08-09 13:23:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 99.49 Mbit/s
95th percentile per-packet one-way delay: 86.588 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 61.29 Mbit/s
95th percentile per-packet one-way delay: 86.612 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 37.90 Mbit/s
95th percentile per-packet one-way delay: 86.448 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 40.11 Mbit/s
95th percentile per-packet one-way delay: 85.854 ms
Loss rate: 0.00%

Run 5: Report of QUIC Cubic — Data Link

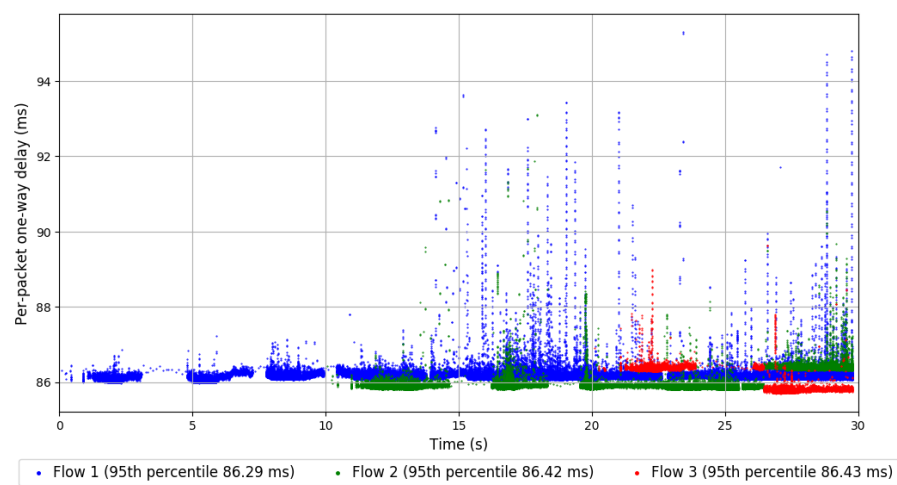
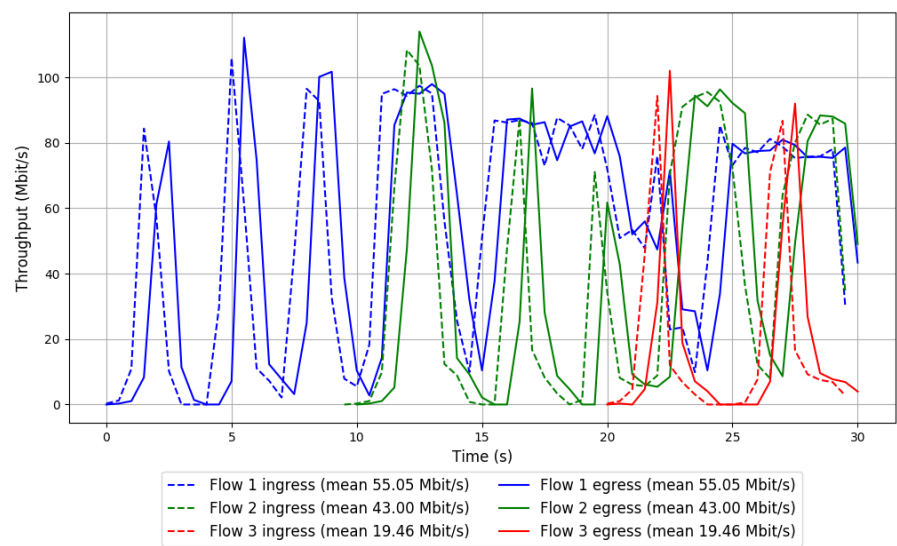


Run 6: Statistics of QUIC Cubic

Start at: 2018-08-09 08:38:01
End at: 2018-08-09 08:38:31
Local clock offset: 0.014 ms
Remote clock offset: -0.031 ms

Below is generated by plot.py at 2018-08-09 13:23:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.94 Mbit/s
95th percentile per-packet one-way delay: 86.403 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.05 Mbit/s
95th percentile per-packet one-way delay: 86.291 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 43.00 Mbit/s
95th percentile per-packet one-way delay: 86.422 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 19.46 Mbit/s
95th percentile per-packet one-way delay: 86.431 ms
Loss rate: 0.00%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-08-09 09:05:16

End at: 2018-08-09 09:05:46

Local clock offset: -0.069 ms

Remote clock offset: 0.017 ms

Below is generated by plot.py at 2018-08-09 13:23:40

Datalink statistics

-- Total of 3 flows:

Average throughput: 86.84 Mbit/s

95th percentile per-packet one-way delay: 86.506 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 53.73 Mbit/s

95th percentile per-packet one-way delay: 86.528 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 40.12 Mbit/s

95th percentile per-packet one-way delay: 86.017 ms

Loss rate: 0.00%

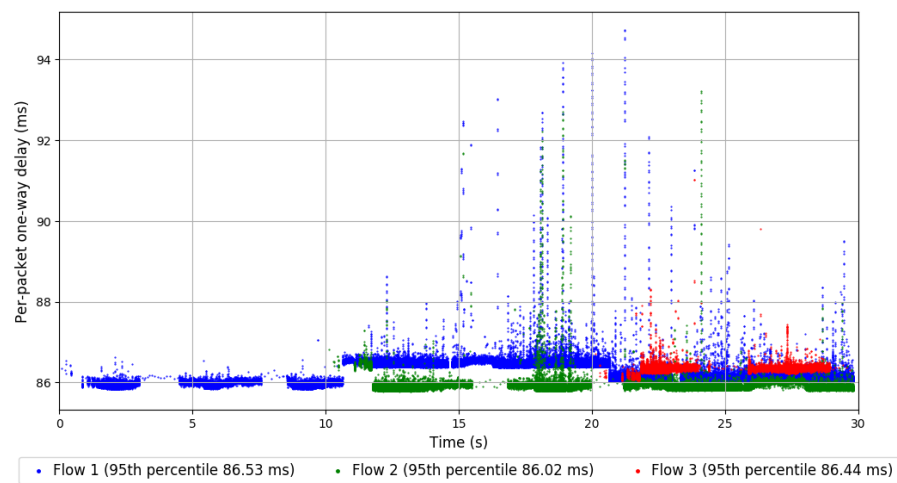
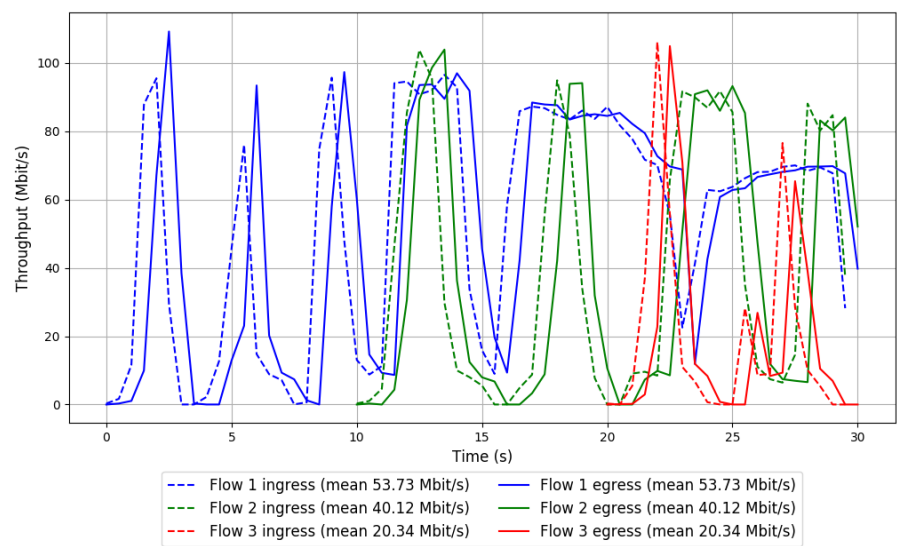
-- Flow 3:

Average throughput: 20.34 Mbit/s

95th percentile per-packet one-way delay: 86.442 ms

Loss rate: 0.00%

Run 7: Report of QUIC Cubic — Data Link

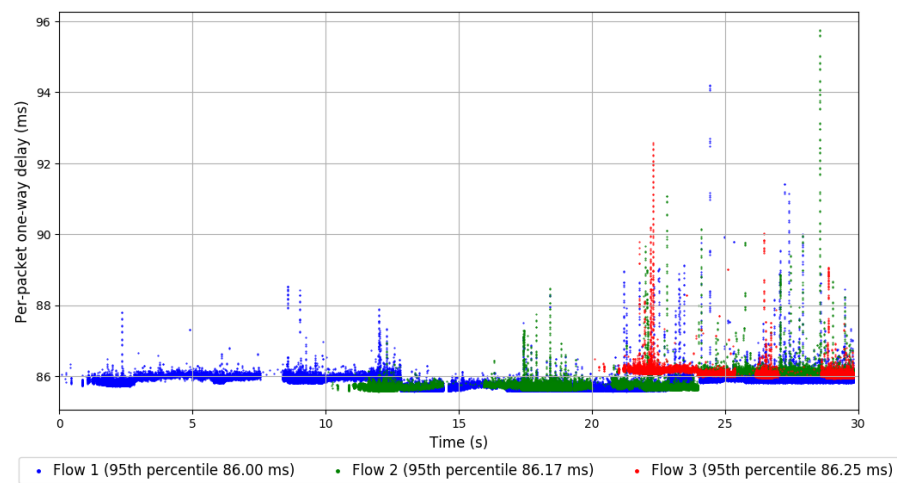
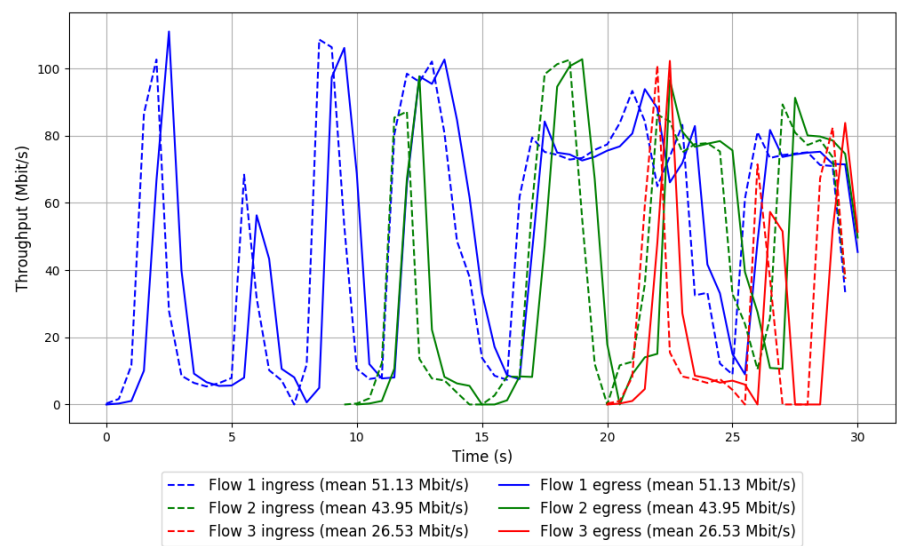


Run 8: Statistics of QUIC Cubic

Start at: 2018-08-09 09:32:24
End at: 2018-08-09 09:32:54
Local clock offset: 0.081 ms
Remote clock offset: -0.051 ms

Below is generated by plot.py at 2018-08-09 13:23:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.97 Mbit/s
95th percentile per-packet one-way delay: 86.152 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 51.13 Mbit/s
95th percentile per-packet one-way delay: 85.998 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 43.95 Mbit/s
95th percentile per-packet one-way delay: 86.167 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 26.53 Mbit/s
95th percentile per-packet one-way delay: 86.250 ms
Loss rate: 0.00%

Run 8: Report of QUIC Cubic — Data Link

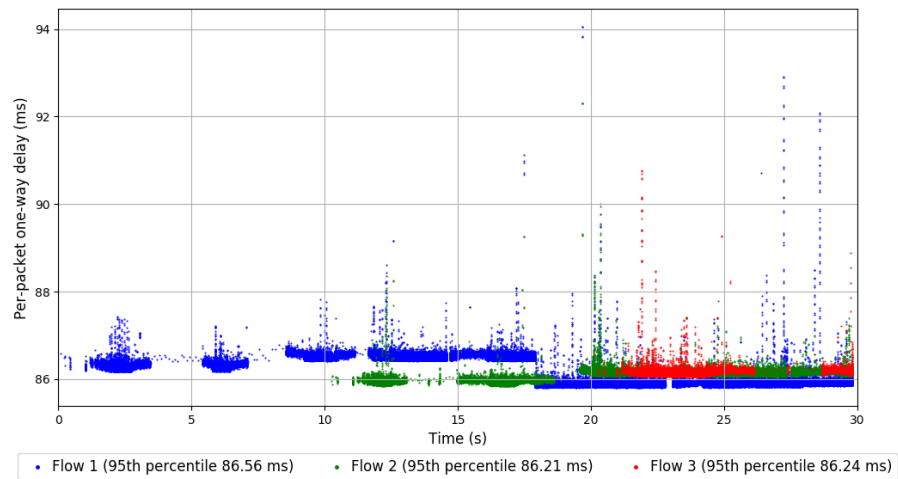
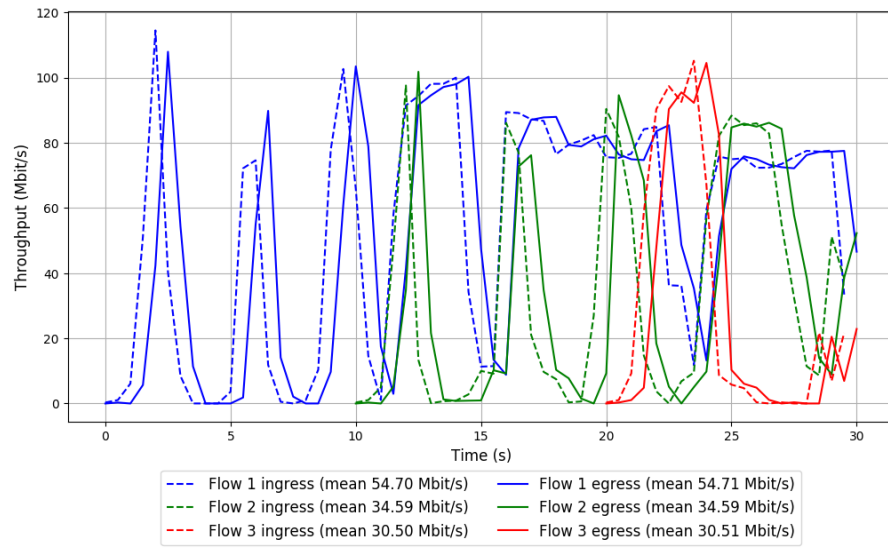


Run 9: Statistics of QUIC Cubic

Start at: 2018-08-09 09:59:49
End at: 2018-08-09 10:00:19
Local clock offset: -0.085 ms
Remote clock offset: -0.021 ms

Below is generated by plot.py at 2018-08-09 13:23:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.60 Mbit/s
95th percentile per-packet one-way delay: 86.535 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 54.71 Mbit/s
95th percentile per-packet one-way delay: 86.555 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 34.59 Mbit/s
95th percentile per-packet one-way delay: 86.214 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.51 Mbit/s
95th percentile per-packet one-way delay: 86.236 ms
Loss rate: 0.00%

Run 9: Report of QUIC Cubic — Data Link

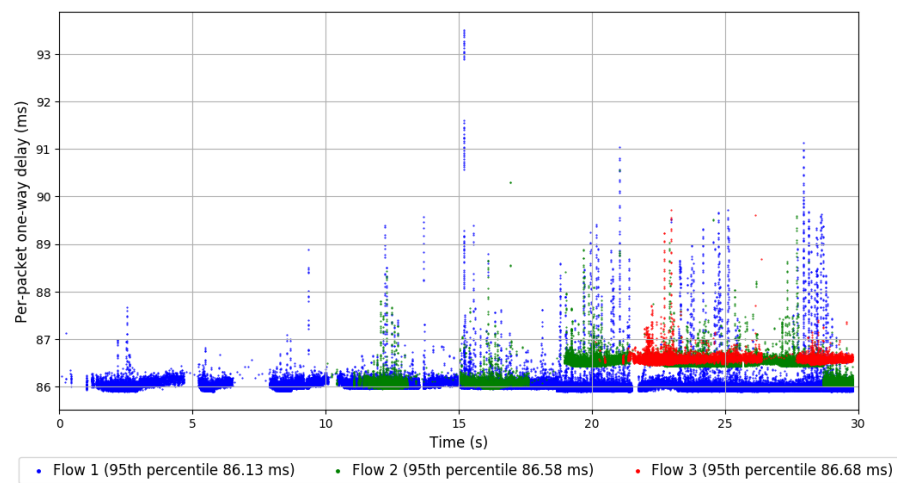
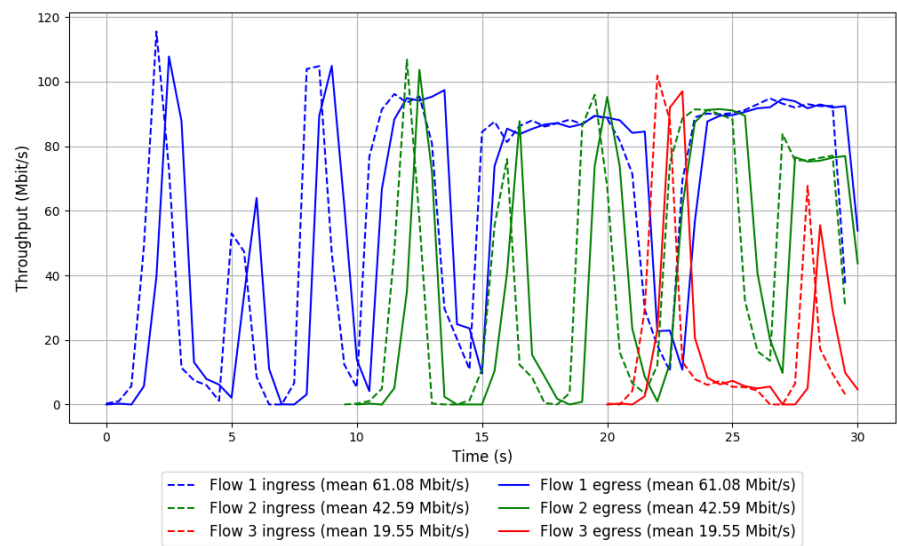


Run 10: Statistics of QUIC Cubic

Start at: 2018-08-09 10:27:18
End at: 2018-08-09 10:27:48
Local clock offset: -0.218 ms
Remote clock offset: -0.029 ms

Below is generated by plot.py at 2018-08-09 13:23:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.73 Mbit/s
95th percentile per-packet one-way delay: 86.566 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 61.08 Mbit/s
95th percentile per-packet one-way delay: 86.128 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 42.59 Mbit/s
95th percentile per-packet one-way delay: 86.585 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 19.55 Mbit/s
95th percentile per-packet one-way delay: 86.681 ms
Loss rate: 0.00%

Run 10: Report of QUIC Cubic — Data Link

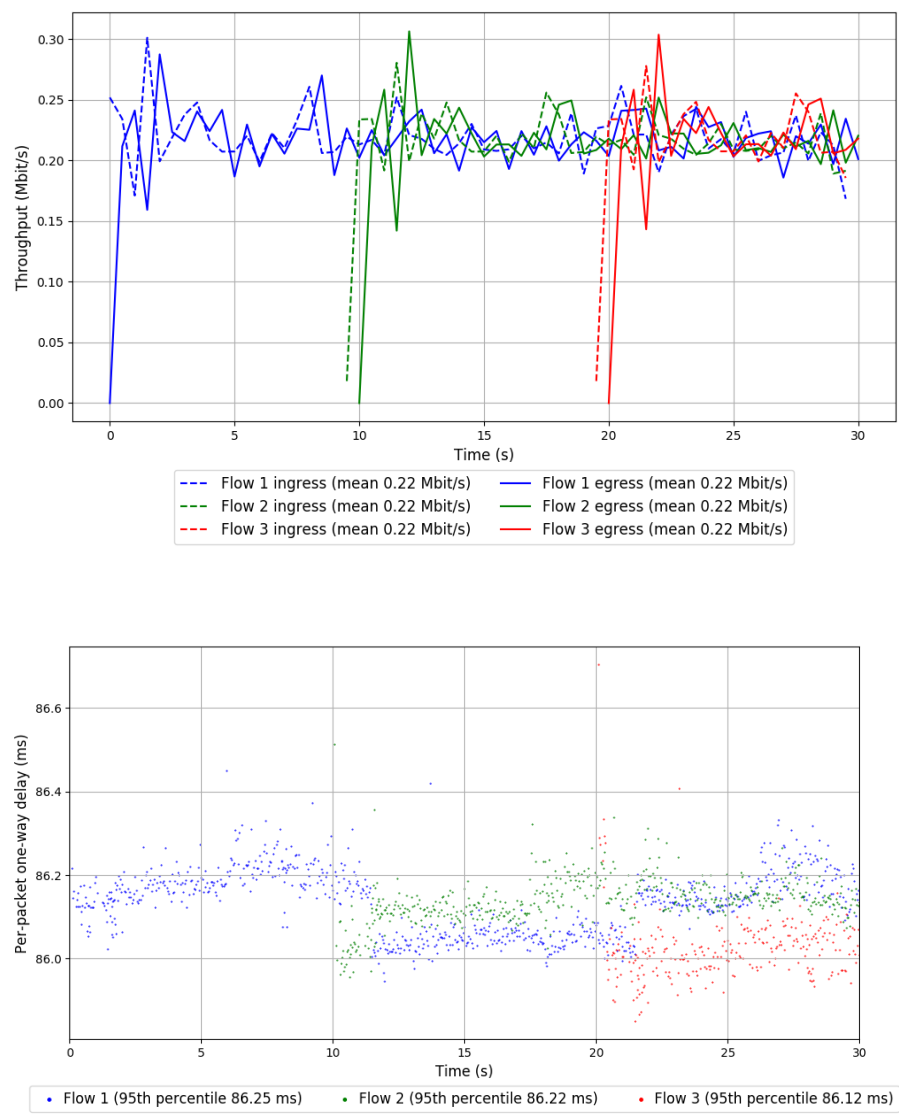


```
Run 1: Statistics of SReAM

Start at: 2018-08-09 06:24:26
End at: 2018-08-09 06:24:56
Local clock offset: -0.183 ms
Remote clock offset: -0.04 ms

# Below is generated by plot.py at 2018-08-09 13:23:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 86.239 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.252 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.224 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.118 ms
Loss rate: 0.00%
```


Run 1: Report of SReAM — Data Link

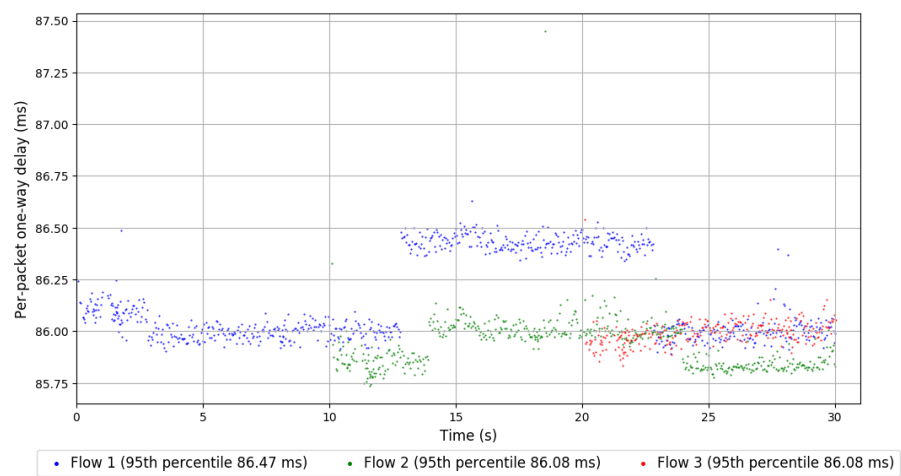
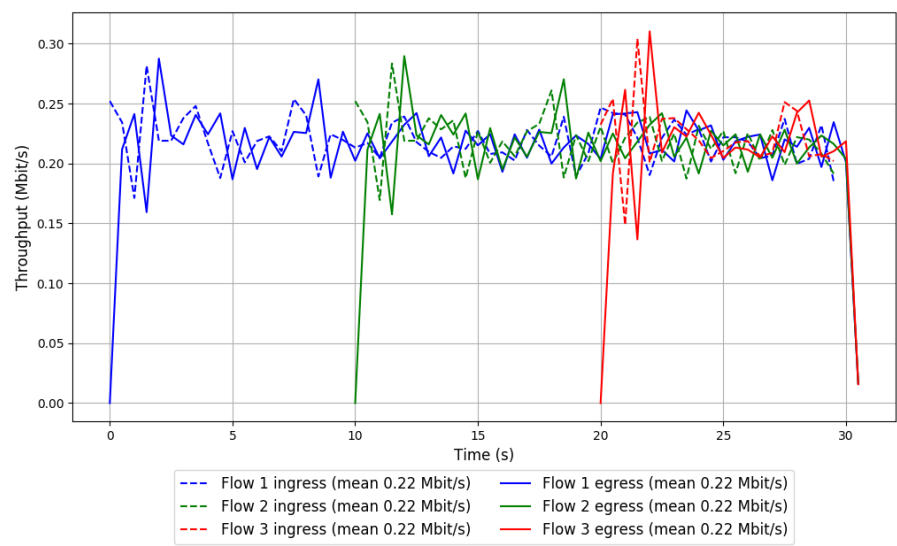


```
Run 2: Statistics of SReAM

Start at: 2018-08-09 06:51:54
End at: 2018-08-09 06:52:24
Local clock offset: 0.055 ms
Remote clock offset: 0.032 ms

# Below is generated by plot.py at 2018-08-09 13:23:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 86.454 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.475 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.083 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.075 ms
Loss rate: 0.00%
```

Run 2: Report of SReAM — Data Link

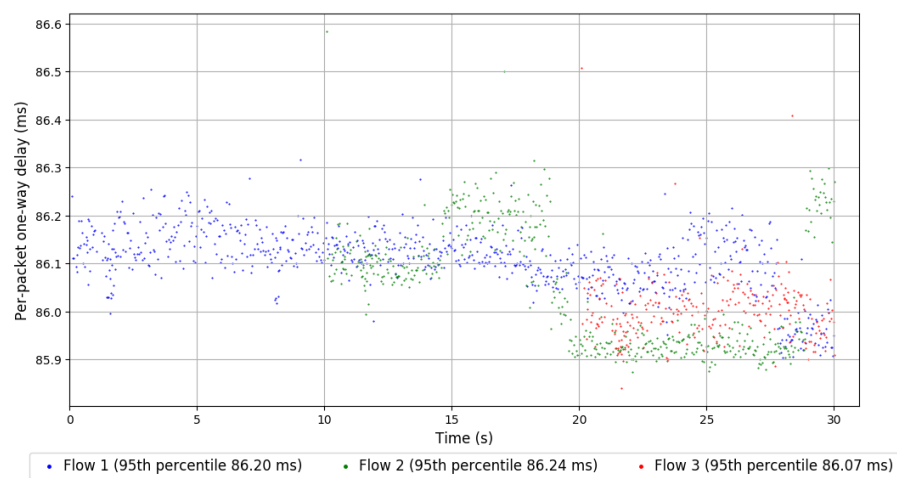
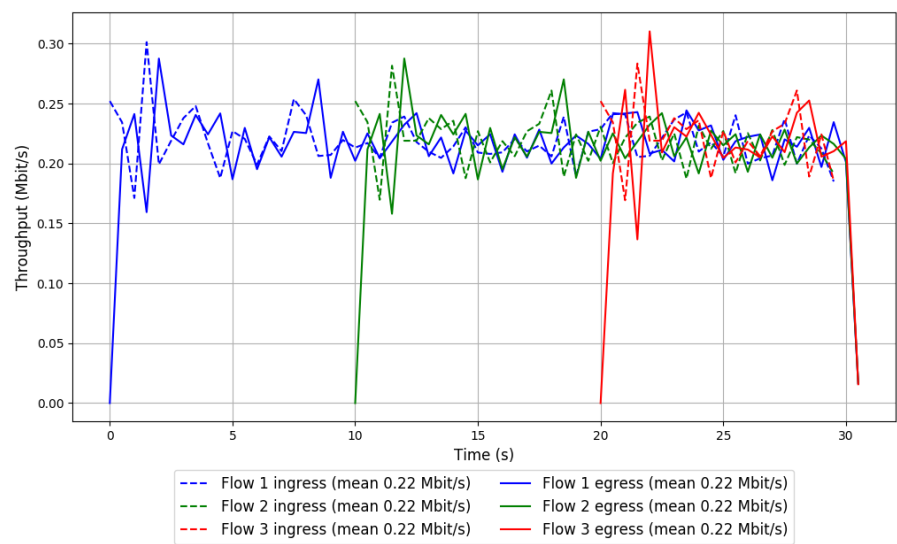


Run 3: Statistics of SReAM

Start at: 2018-08-09 07:19:29
End at: 2018-08-09 07:19:59
Local clock offset: 0.008 ms
Remote clock offset: -0.087 ms

Below is generated by plot.py at 2018-08-09 13:23:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 86.219 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.198 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.243 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.074 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

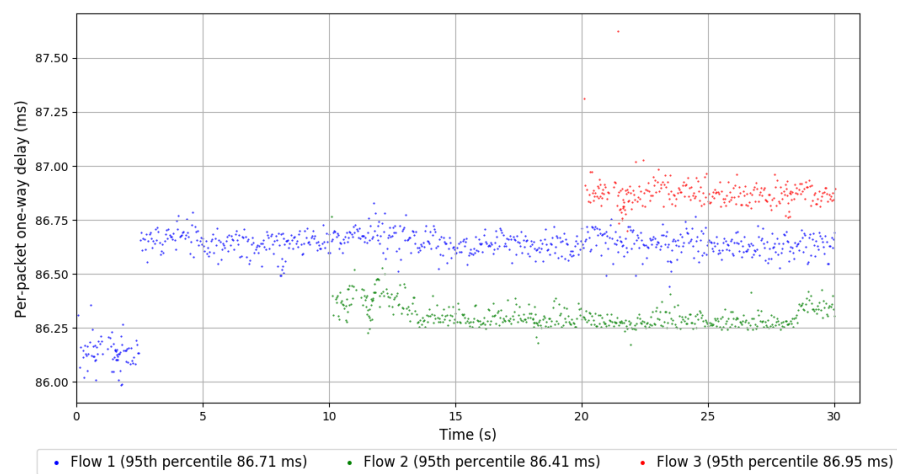
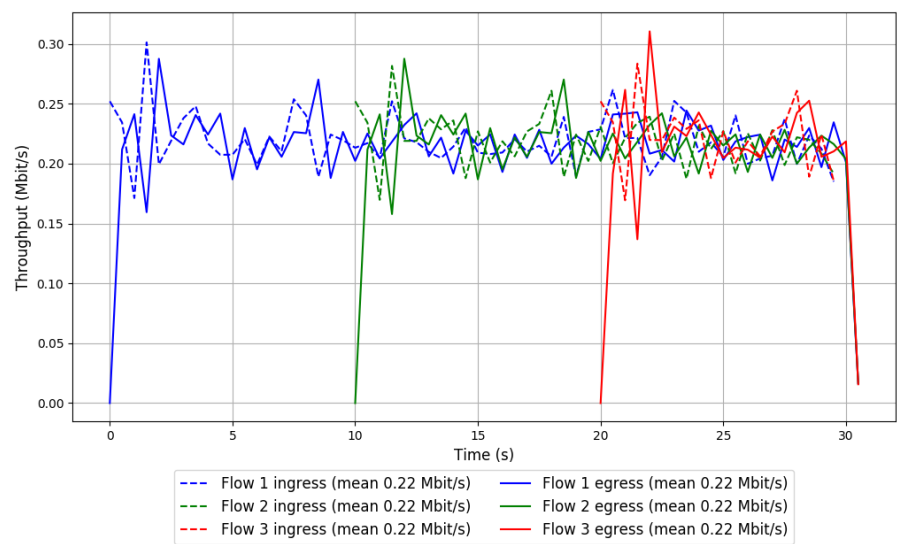


Run 4: Statistics of SReAM

Start at: 2018-08-09 07:47:06
End at: 2018-08-09 07:47:36
Local clock offset: -0.102 ms
Remote clock offset: 0.011 ms

```
# Below is generated by plot.py at 2018-08-09 13:23:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 86.892 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.713 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.413 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.948 ms
Loss rate: 0.00%
```

Run 4: Report of SReAM — Data Link

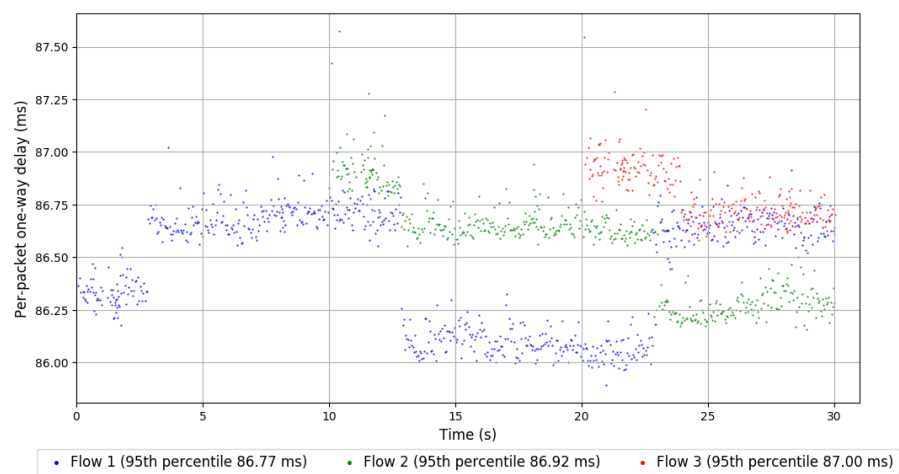
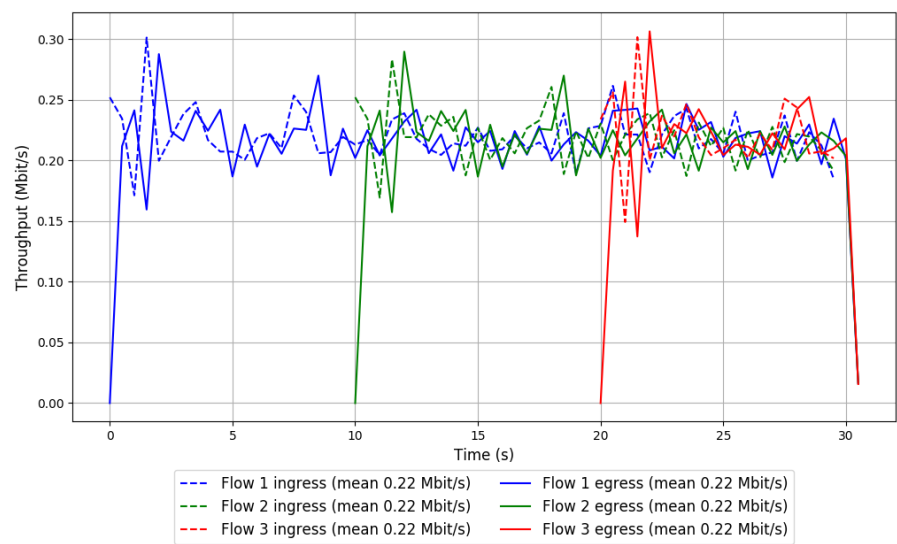


Run 5: Statistics of SReAM

Start at: 2018-08-09 08:14:24
End at: 2018-08-09 08:14:54
Local clock offset: -0.058 ms
Remote clock offset: -0.057 ms

Below is generated by plot.py at 2018-08-09 13:23:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 86.926 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.768 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.923 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.997 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

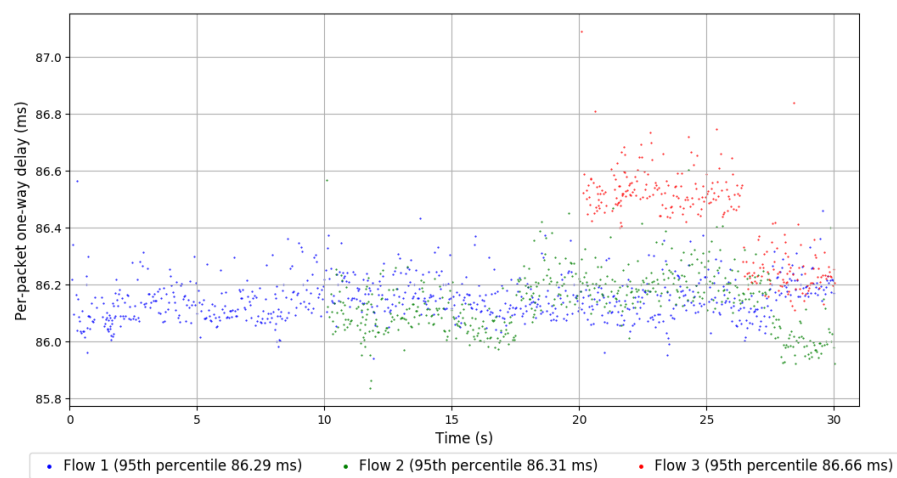
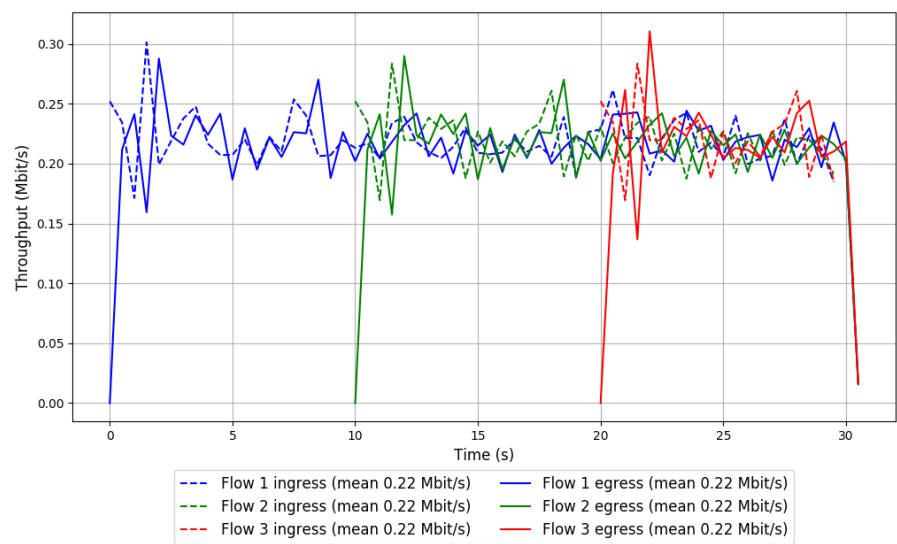


Run 6: Statistics of SReAM

Start at: 2018-08-09 08:41:41
End at: 2018-08-09 08:42:11
Local clock offset: 0.064 ms
Remote clock offset: -0.029 ms

Below is generated by plot.py at 2018-08-09 13:23:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 86.532 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.292 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.309 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.656 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

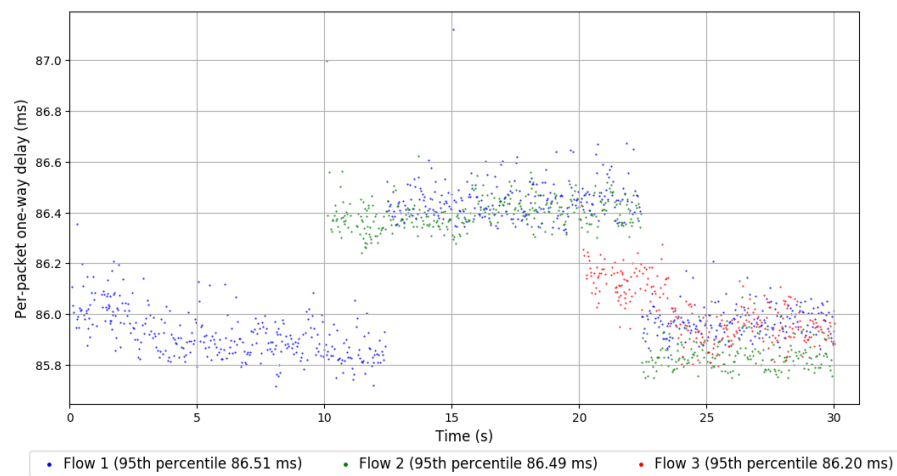
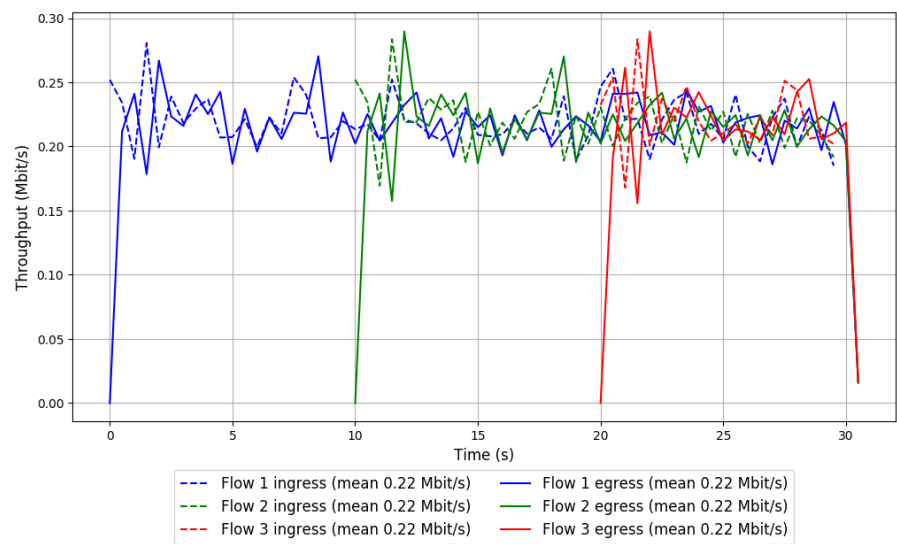


Run 7: Statistics of SReAM

Start at: 2018-08-09 09:08:55
End at: 2018-08-09 09:09:25
Local clock offset: 0.13 ms
Remote clock offset: -0.034 ms

Below is generated by plot.py at 2018-08-09 13:23:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 86.488 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.513 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.486 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.202 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

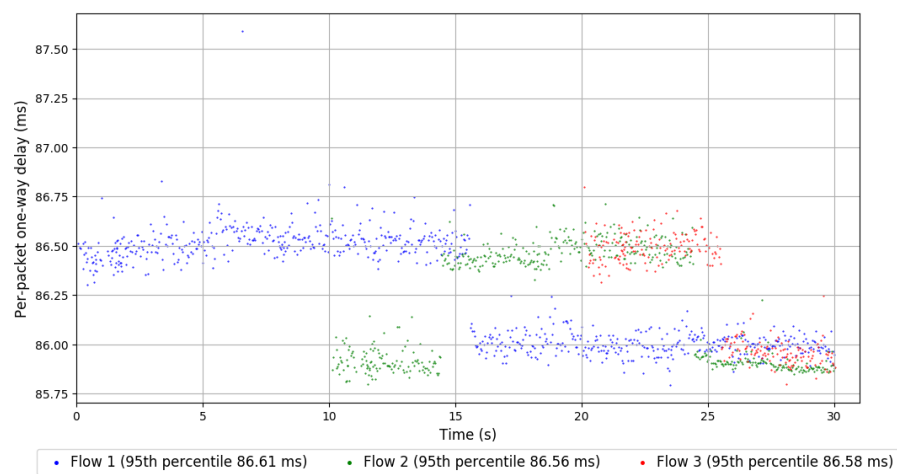
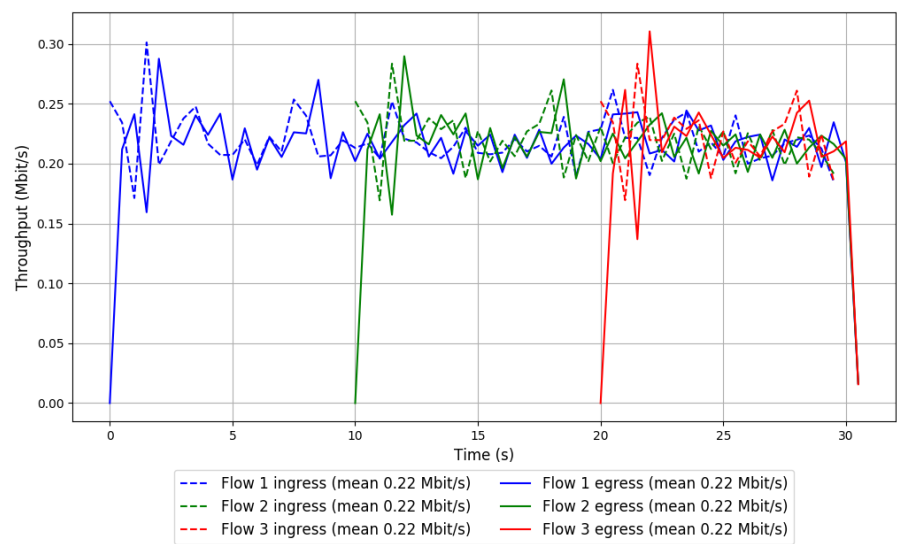


Run 8: Statistics of SReAM

Start at: 2018-08-09 09:36:03
End at: 2018-08-09 09:36:33
Local clock offset: 0.002 ms
Remote clock offset: -0.018 ms

Below is generated by plot.py at 2018-08-09 13:23:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 86.592 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.608 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.564 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.585 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

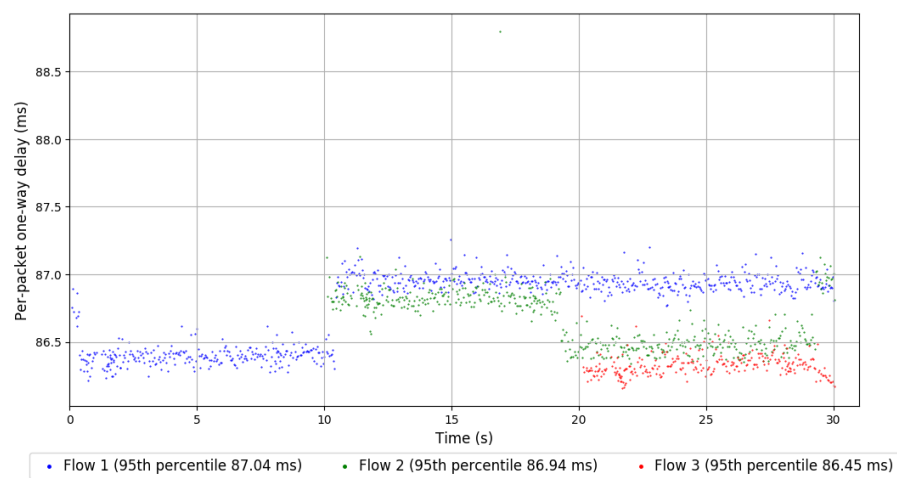
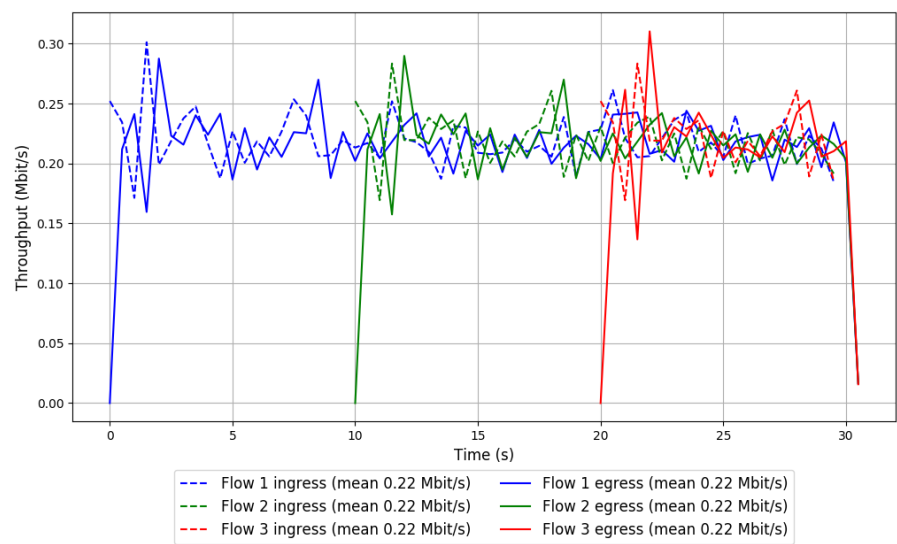


Run 9: Statistics of SReAM

Start at: 2018-08-09 10:03:28
End at: 2018-08-09 10:03:58
Local clock offset: -0.284 ms
Remote clock offset: -0.015 ms

Below is generated by plot.py at 2018-08-09 13:23:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 87.010 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 87.039 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.945 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.455 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

Start at: 2018-08-09 10:30:57

End at: 2018-08-09 10:31:27

Local clock offset: -0.235 ms

Remote clock offset: 0.019 ms

Below is generated by plot.py at 2018-08-09 13:23:41

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 86.857 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 86.591 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 86.696 ms

Loss rate: 0.00%

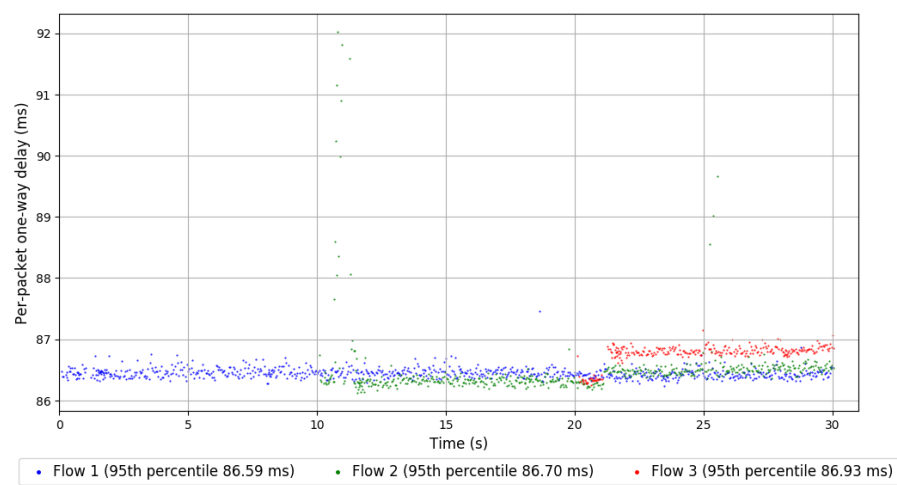
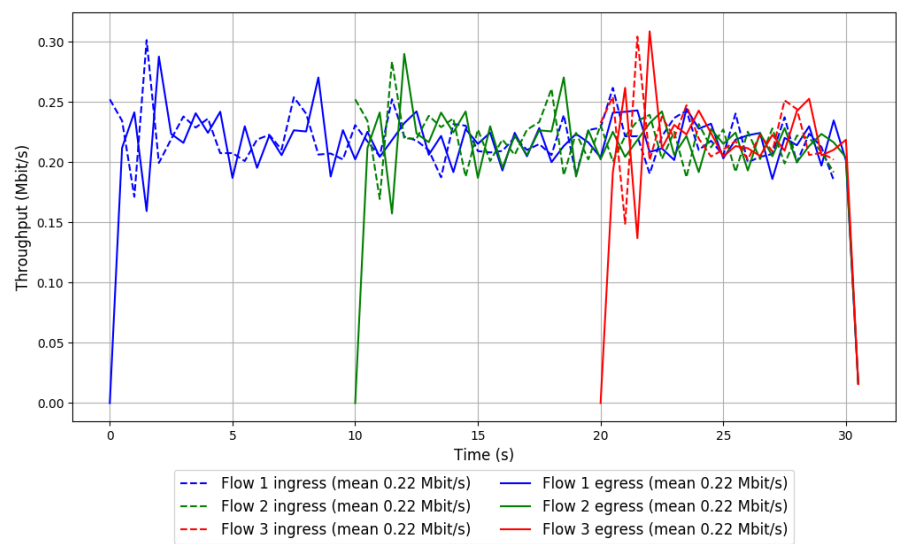
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 86.929 ms

Loss rate: 0.00%

Run 10: Report of SReAM — Data Link

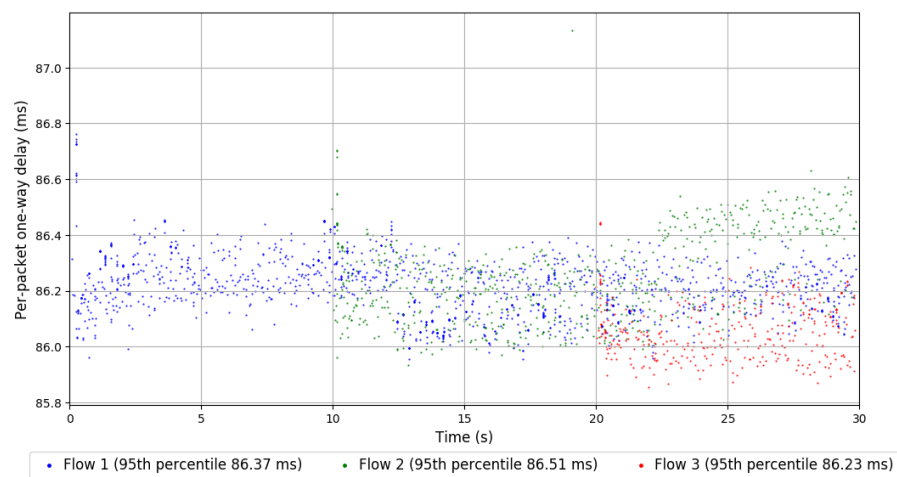
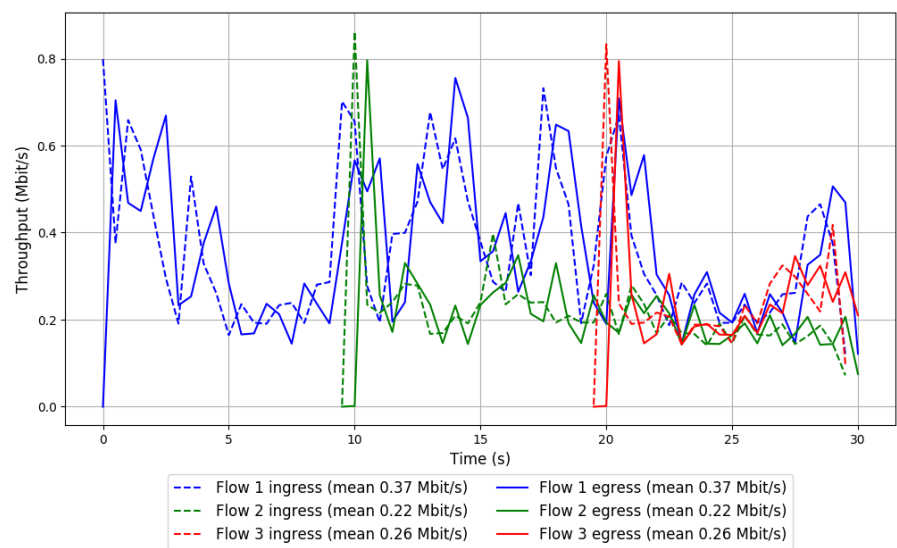


Run 1: Statistics of Sprout

Start at: 2018-08-09 06:23:15
End at: 2018-08-09 06:23:45
Local clock offset: -0.121 ms
Remote clock offset: -0.017 ms

Below is generated by plot.py at 2018-08-09 13:23:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 86.439 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 86.372 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.507 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 86.229 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: 2018-08-09 06:50:43

End at: 2018-08-09 06:51:13

Local clock offset: -0.265 ms

Remote clock offset: 0.032 ms

Below is generated by plot.py at 2018-08-09 13:23:41

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.61 Mbit/s

95th percentile per-packet one-way delay: 86.742 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.34 Mbit/s

95th percentile per-packet one-way delay: 86.782 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.25 Mbit/s

95th percentile per-packet one-way delay: 86.657 ms

Loss rate: 0.00%

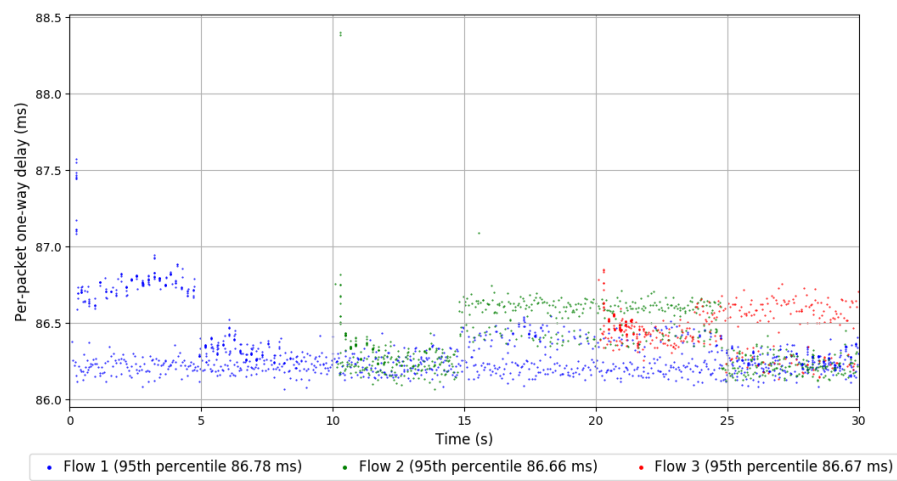
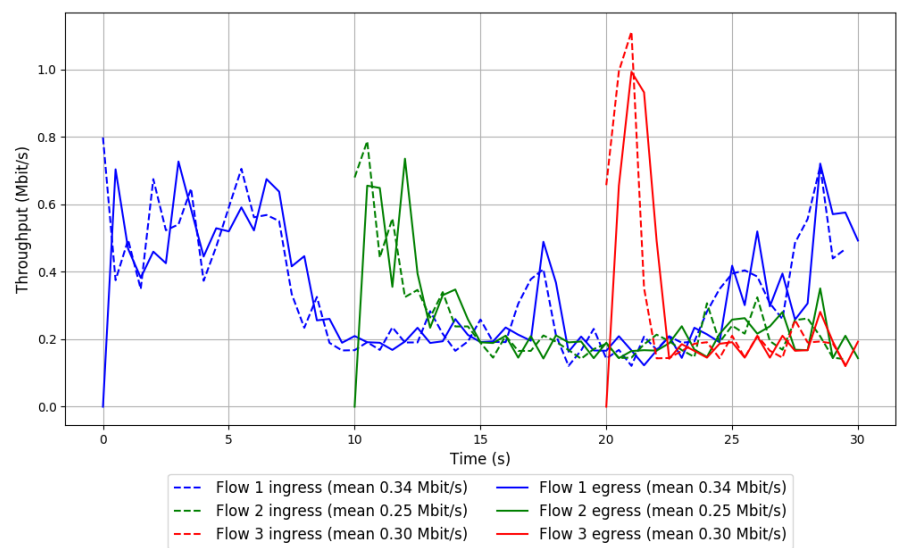
-- Flow 3:

Average throughput: 0.30 Mbit/s

95th percentile per-packet one-way delay: 86.666 ms

Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

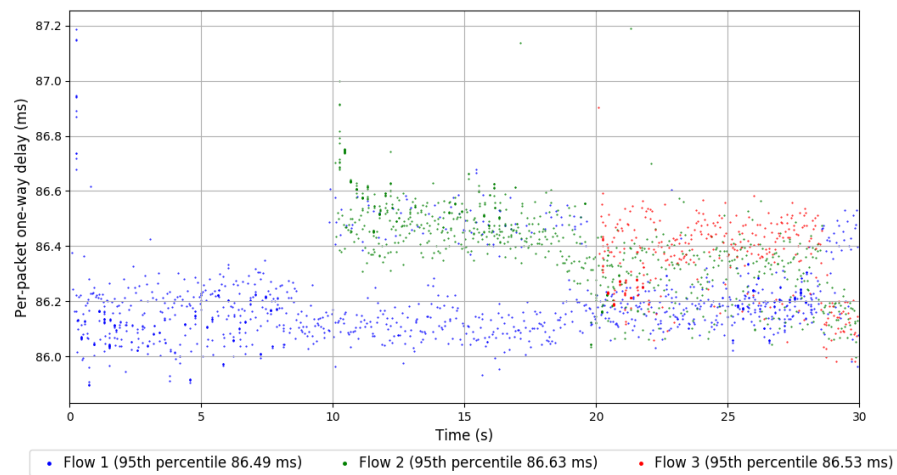
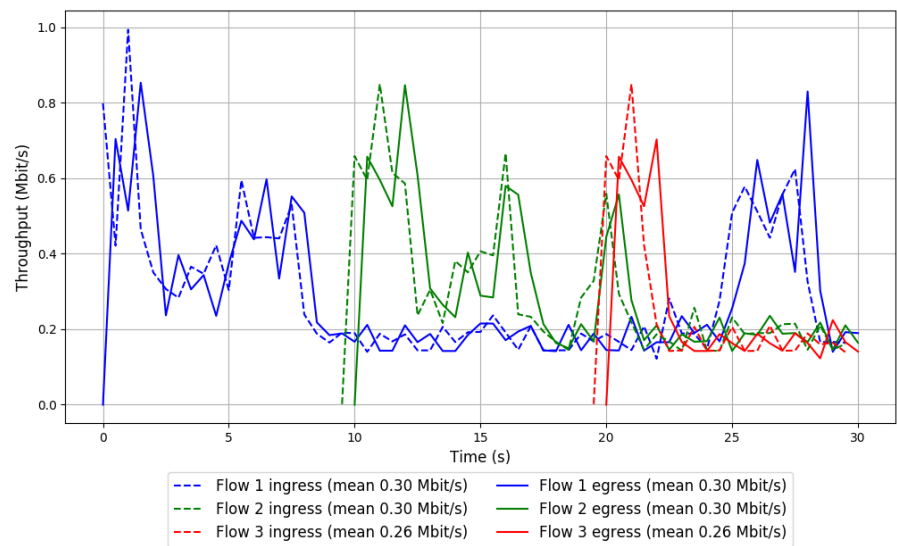


Run 3: Statistics of Sprout

Start at: 2018-08-09 07:18:18
End at: 2018-08-09 07:18:48
Local clock offset: -0.041 ms
Remote clock offset: -0.08 ms

```
# Below is generated by plot.py at 2018-08-09 13:23:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 86.578 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 86.487 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 86.633 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 86.527 ms
Loss rate: 0.00%
```


Run 3: Report of Sprout — Data Link

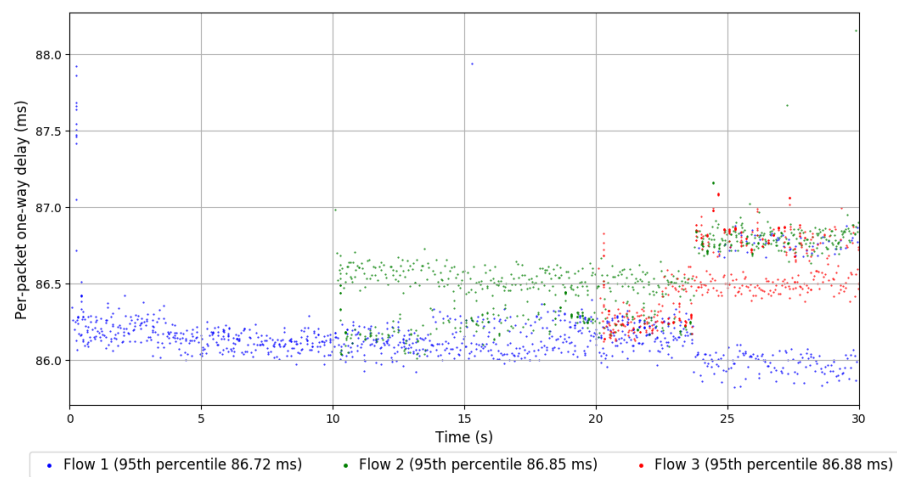
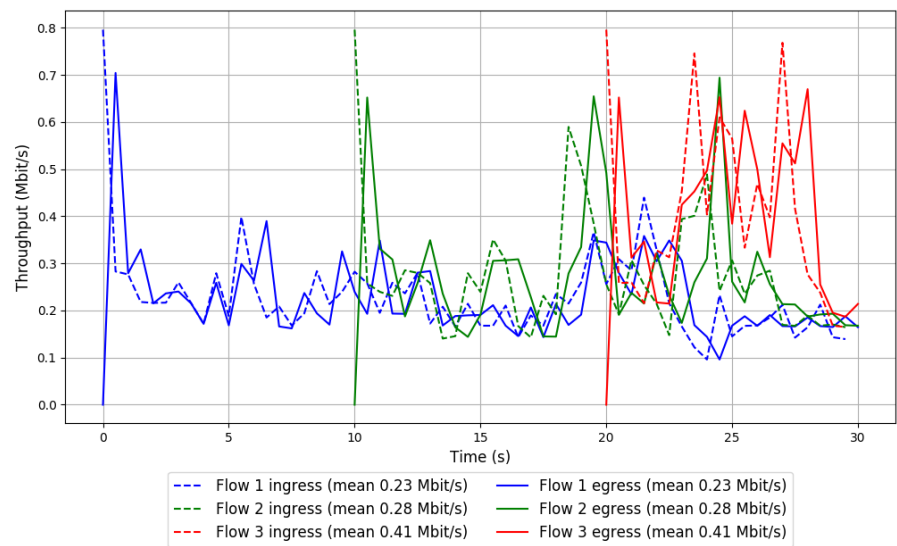


Run 4: Statistics of Sprout

Start at: 2018-08-09 07:45:54
End at: 2018-08-09 07:46:24
Local clock offset: -0.037 ms
Remote clock offset: -0.038 ms

```
# Below is generated by plot.py at 2018-08-09 13:23:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.55 Mbit/s
95th percentile per-packet one-way delay: 86.852 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 86.719 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 86.848 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 86.882 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

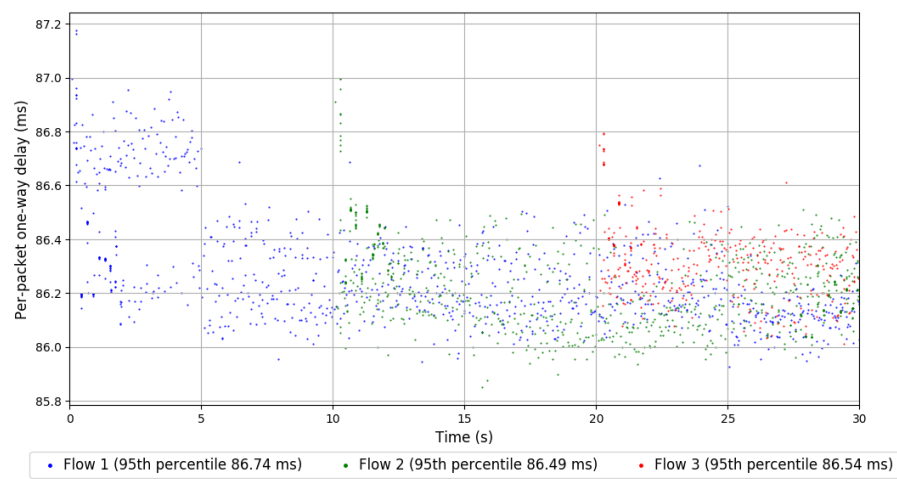
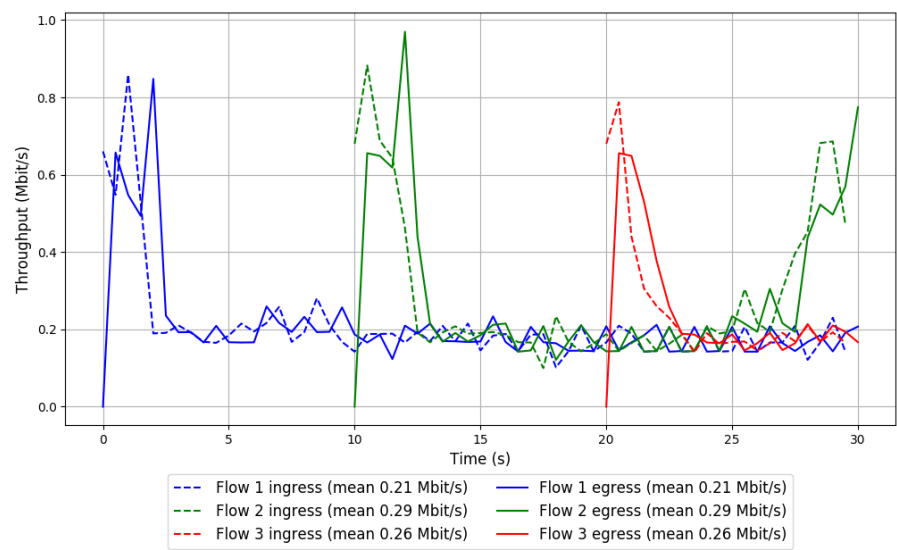


Run 5: Statistics of Sprout

Start at: 2018-08-09 08:13:13
End at: 2018-08-09 08:13:43
Local clock offset: -0.102 ms
Remote clock offset: -0.044 ms

Below is generated by plot.py at 2018-08-09 13:23:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 86.678 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 86.742 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 86.494 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 86.537 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

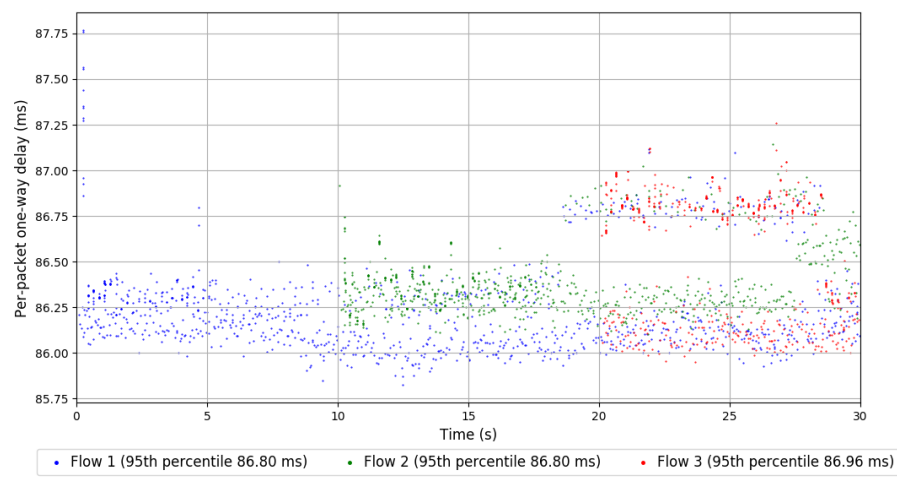
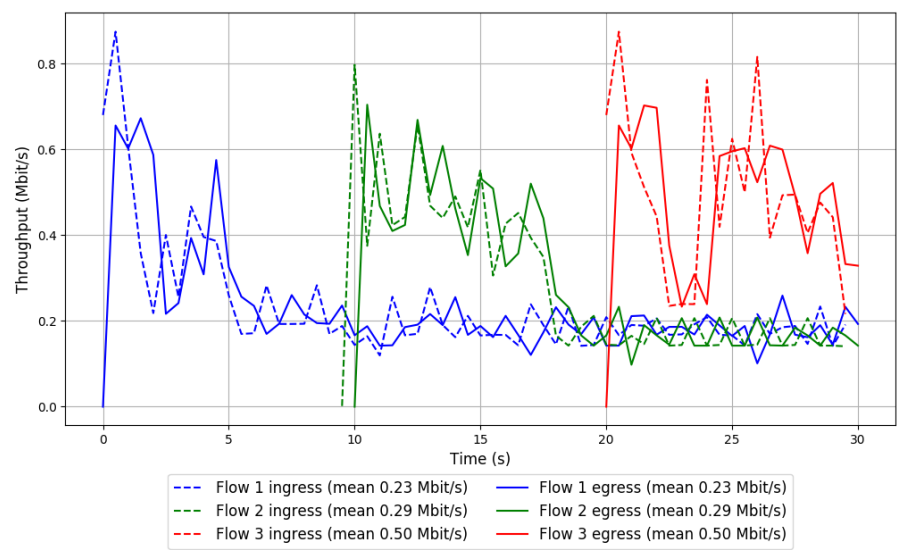


Run 6: Statistics of Sprout

Start at: 2018-08-09 08:40:29
End at: 2018-08-09 08:40:59
Local clock offset: 0.034 ms
Remote clock offset: -0.002 ms

```
# Below is generated by plot.py at 2018-08-09 13:23:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.59 Mbit/s
95th percentile per-packet one-way delay: 86.862 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 86.799 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 86.804 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 86.962 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link

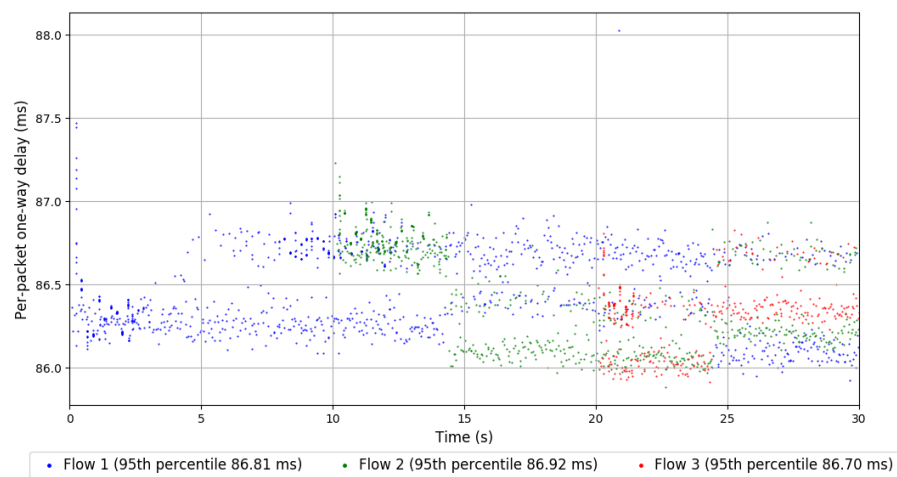
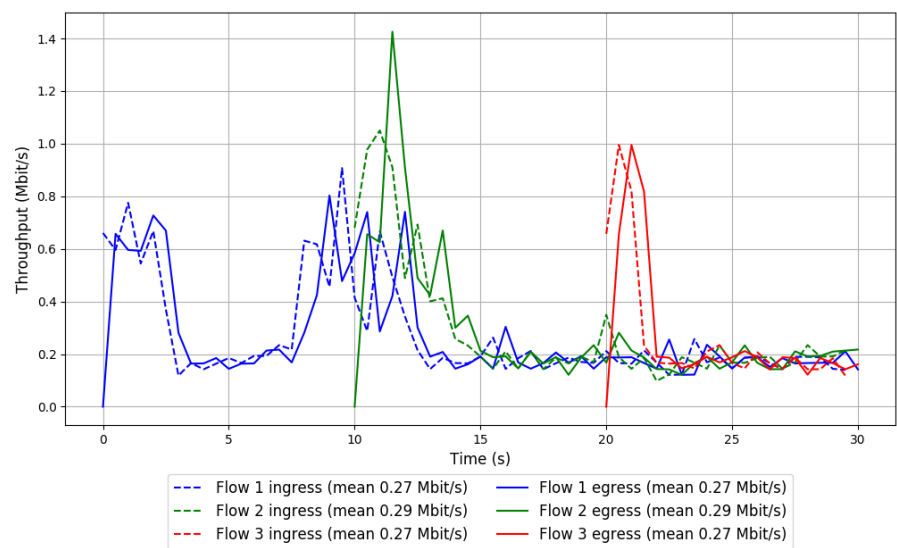


Run 7: Statistics of Sprout

Start at: 2018-08-09 09:07:44
End at: 2018-08-09 09:08:14
Local clock offset: -0.122 ms
Remote clock offset: 0.015 ms

```
# Below is generated by plot.py at 2018-08-09 13:23:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 86.826 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 86.810 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 86.917 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 86.696 ms
Loss rate: 0.00%
```


Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: 2018-08-09 09:34:51

End at: 2018-08-09 09:35:21

Local clock offset: 0.042 ms

Remote clock offset: 0.001 ms

Below is generated by plot.py at 2018-08-09 13:23:41

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.53 Mbit/s

95th percentile per-packet one-way delay: 86.238 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.25 Mbit/s

95th percentile per-packet one-way delay: 86.268 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.28 Mbit/s

95th percentile per-packet one-way delay: 86.208 ms

Loss rate: 0.00%

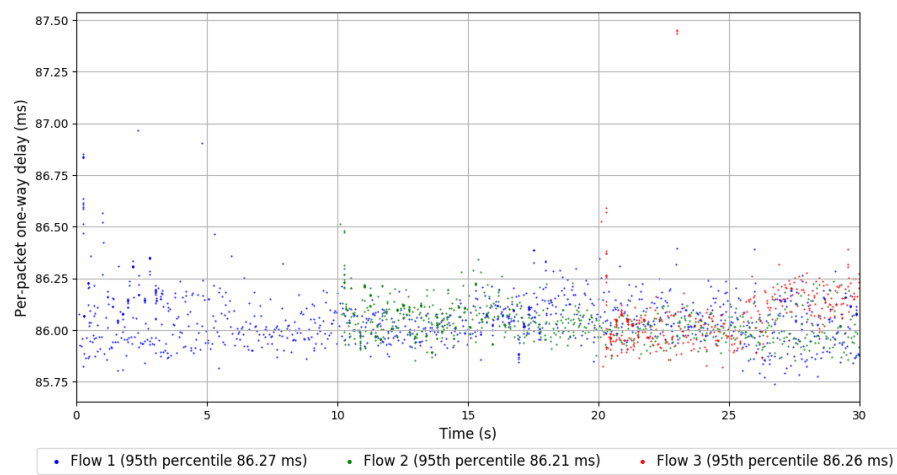
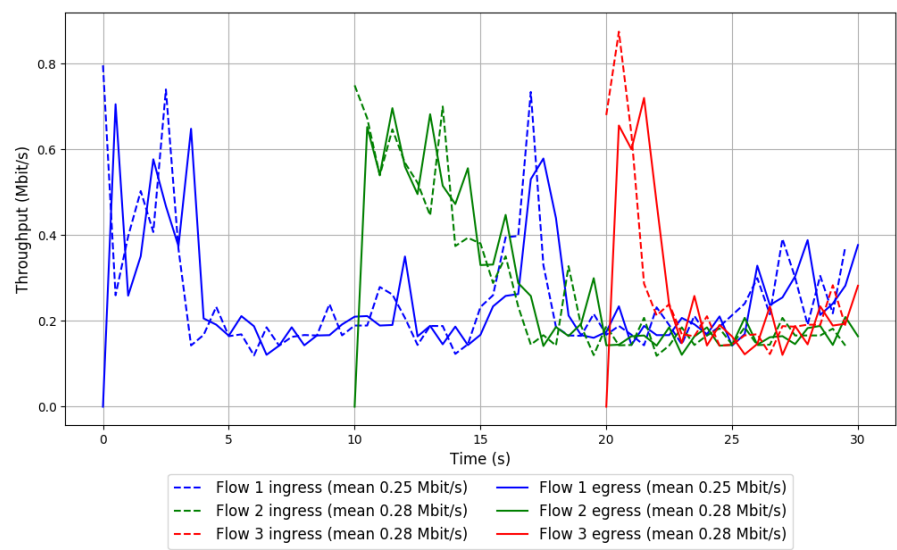
-- Flow 3:

Average throughput: 0.28 Mbit/s

95th percentile per-packet one-way delay: 86.259 ms

Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

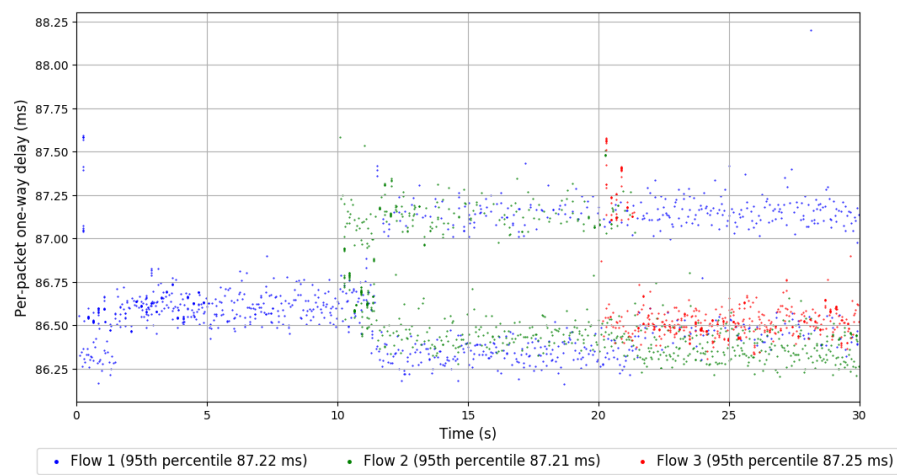
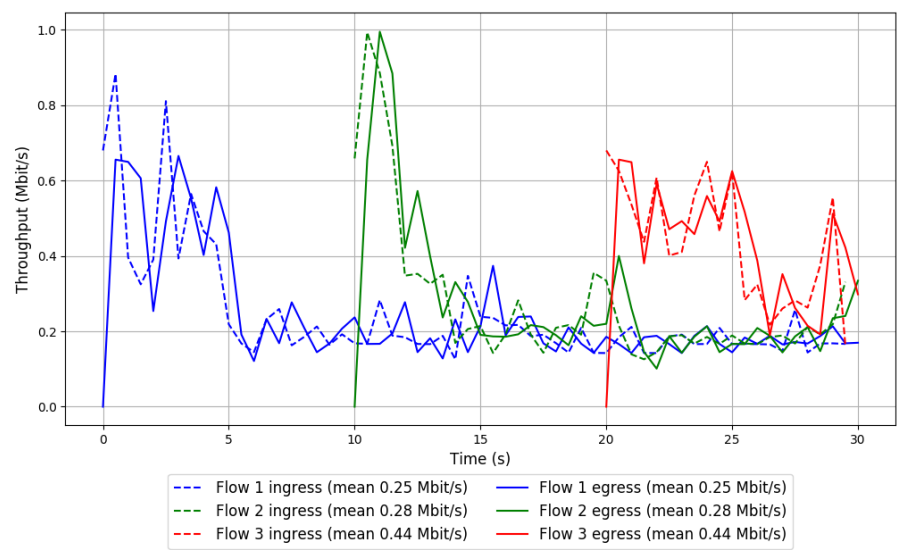


Run 9: Statistics of Sprout

Start at: 2018-08-09 10:02:17
End at: 2018-08-09 10:02:47
Local clock offset: -0.338 ms
Remote clock offset: -0.026 ms

Below is generated by plot.py at 2018-08-09 13:23:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 87.224 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 87.222 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 87.211 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 87.254 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

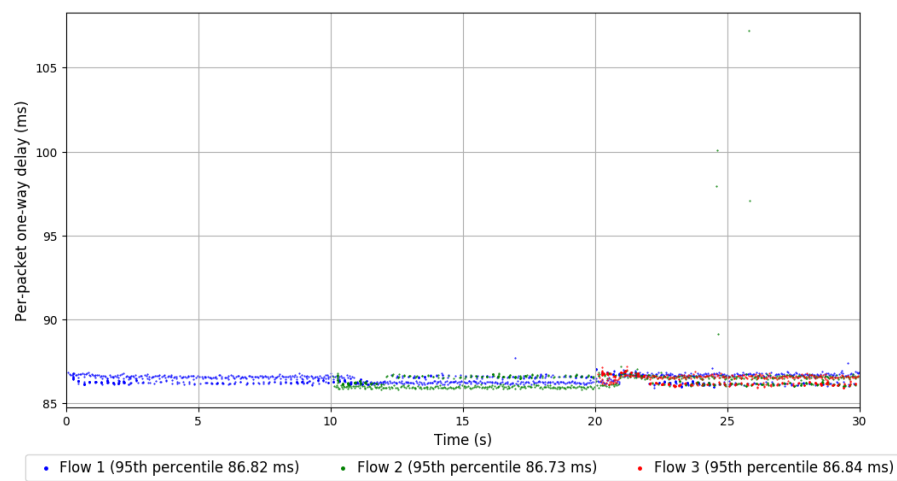
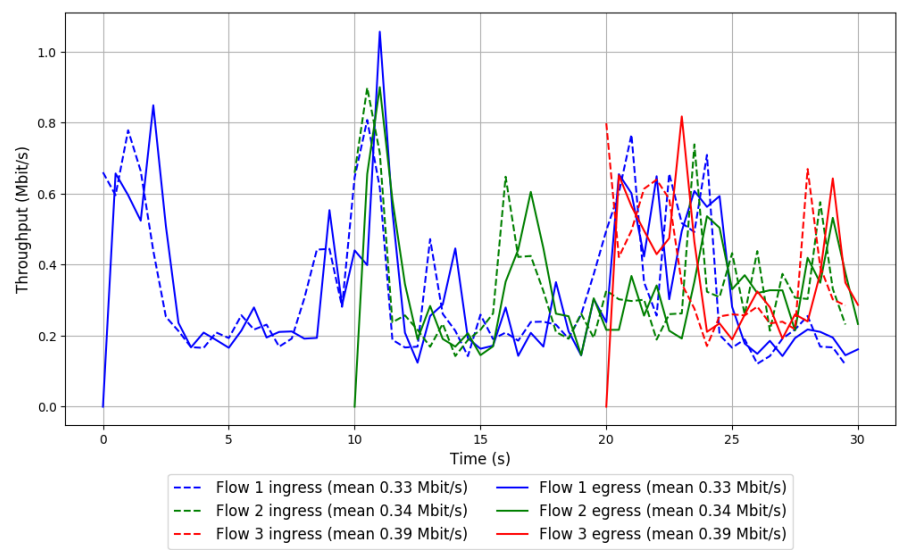


Run 10: Statistics of Sprout

Start at: 2018-08-09 10:29:46
End at: 2018-08-09 10:30:16
Local clock offset: -0.169 ms
Remote clock offset: -0.067 ms

Below is generated by plot.py at 2018-08-09 13:23:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.69 Mbit/s
95th percentile per-packet one-way delay: 86.808 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 86.823 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.34 Mbit/s
95th percentile per-packet one-way delay: 86.730 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 86.842 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

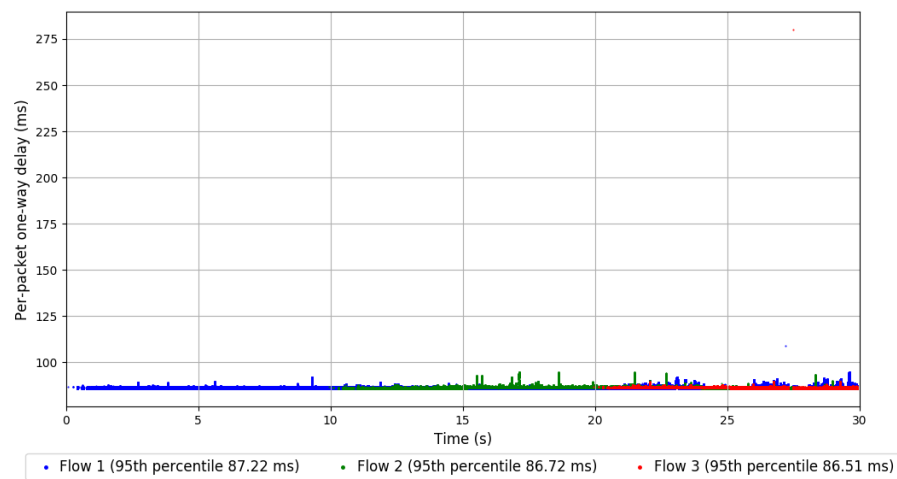
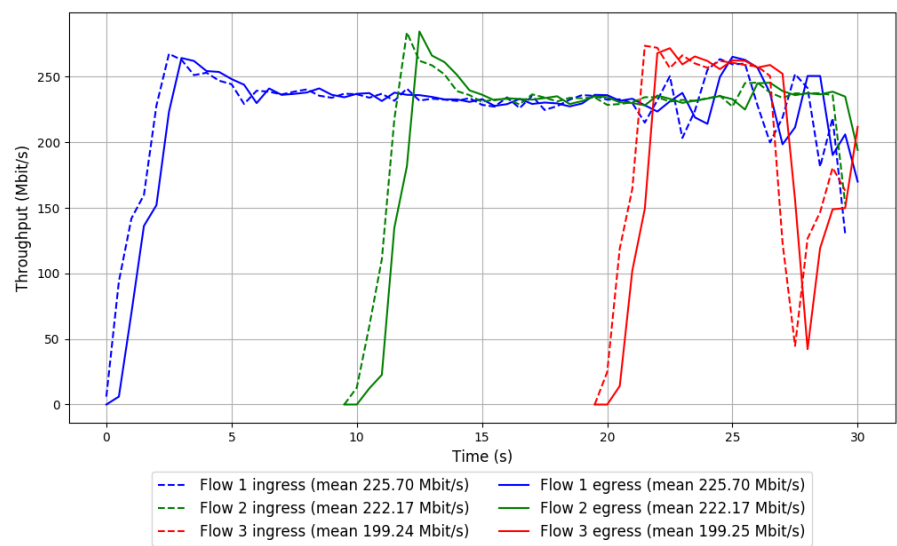


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-08-09 06:06:23
End at: 2018-08-09 06:06:53
Local clock offset: -0.204 ms
Remote clock offset: -0.068 ms

# Below is generated by plot.py at 2018-08-09 13:31:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 440.99 Mbit/s
95th percentile per-packet one-way delay: 86.817 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 225.70 Mbit/s
95th percentile per-packet one-way delay: 87.222 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 222.17 Mbit/s
95th percentile per-packet one-way delay: 86.718 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 199.25 Mbit/s
95th percentile per-packet one-way delay: 86.512 ms
Loss rate: 0.00%
```


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



Run 2: Statistics of TaoVA-100x

Start at: 2018-08-09 06:33:53

End at: 2018-08-09 06:34:23

Local clock offset: -0.185 ms

Remote clock offset: 0.008 ms

Below is generated by plot.py at 2018-08-09 13:32:09

Datalink statistics

-- Total of 3 flows:

Average throughput: 447.19 Mbit/s

95th percentile per-packet one-way delay: 86.666 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 225.73 Mbit/s

95th percentile per-packet one-way delay: 86.818 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 222.27 Mbit/s

95th percentile per-packet one-way delay: 86.592 ms

Loss rate: 0.00%

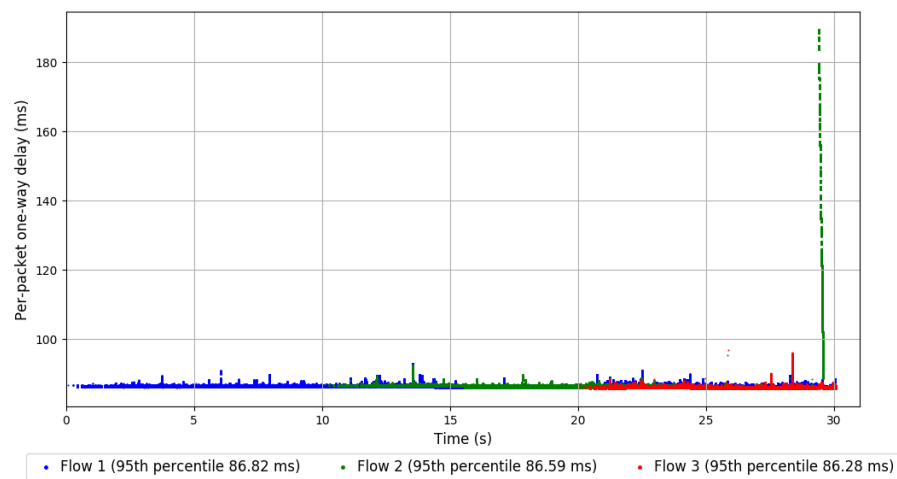
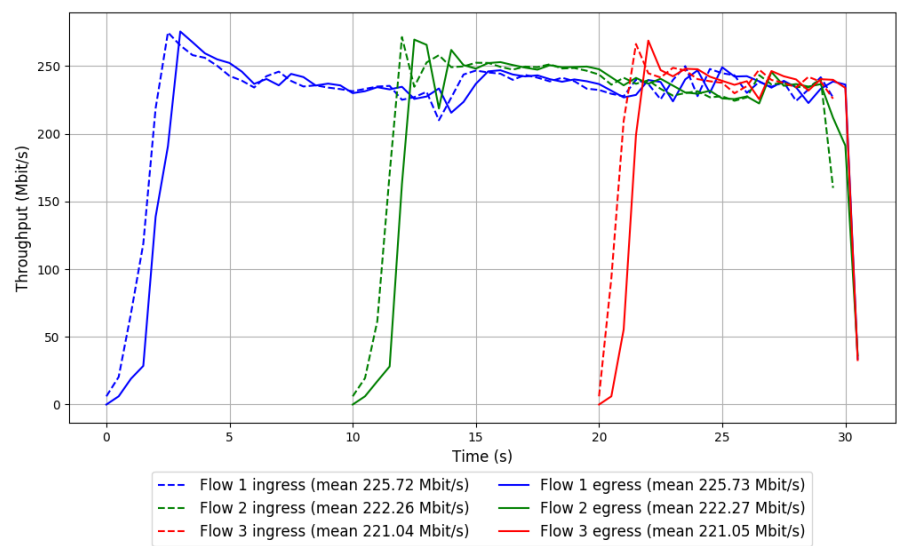
-- Flow 3:

Average throughput: 221.05 Mbit/s

95th percentile per-packet one-way delay: 86.275 ms

Loss rate: 0.00%

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

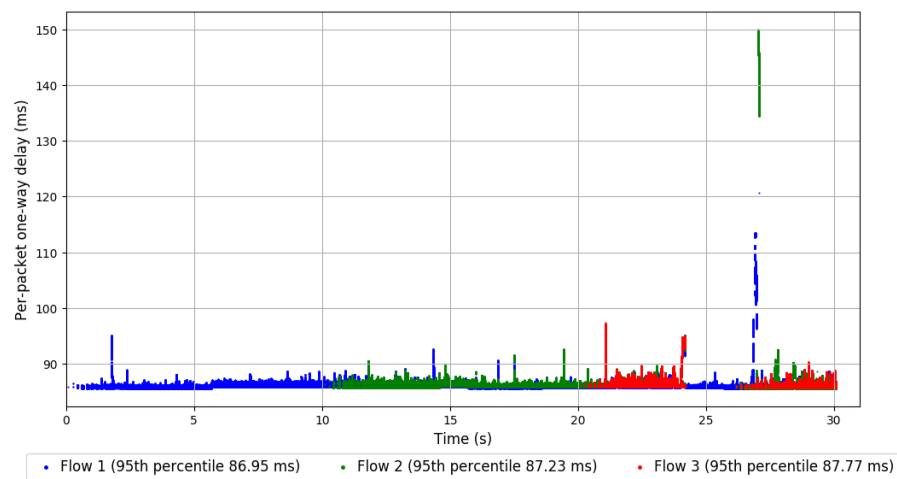
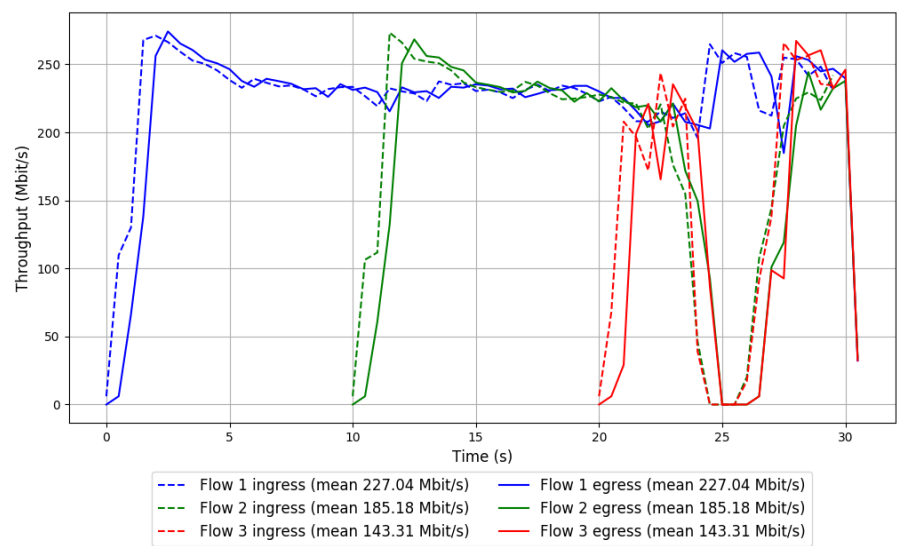


Run 3: Statistics of TaoVA-100x

Start at: 2018-08-09 07:01:22
End at: 2018-08-09 07:01:52
Local clock offset: -0.005 ms
Remote clock offset: -0.038 ms

Below is generated by plot.py at 2018-08-09 13:32:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 397.98 Mbit/s
95th percentile per-packet one-way delay: 87.176 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 227.04 Mbit/s
95th percentile per-packet one-way delay: 86.950 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 185.18 Mbit/s
95th percentile per-packet one-way delay: 87.227 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 143.31 Mbit/s
95th percentile per-packet one-way delay: 87.772 ms
Loss rate: 0.00%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-08-09 07:28:56

End at: 2018-08-09 07:29:26

Local clock offset: 0.016 ms

Remote clock offset: -0.07 ms

Below is generated by plot.py at 2018-08-09 13:32:22

Datalink statistics

-- Total of 3 flows:

Average throughput: 444.85 Mbit/s

95th percentile per-packet one-way delay: 86.525 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 228.25 Mbit/s

95th percentile per-packet one-way delay: 86.348 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 224.13 Mbit/s

95th percentile per-packet one-way delay: 86.404 ms

Loss rate: 0.00%

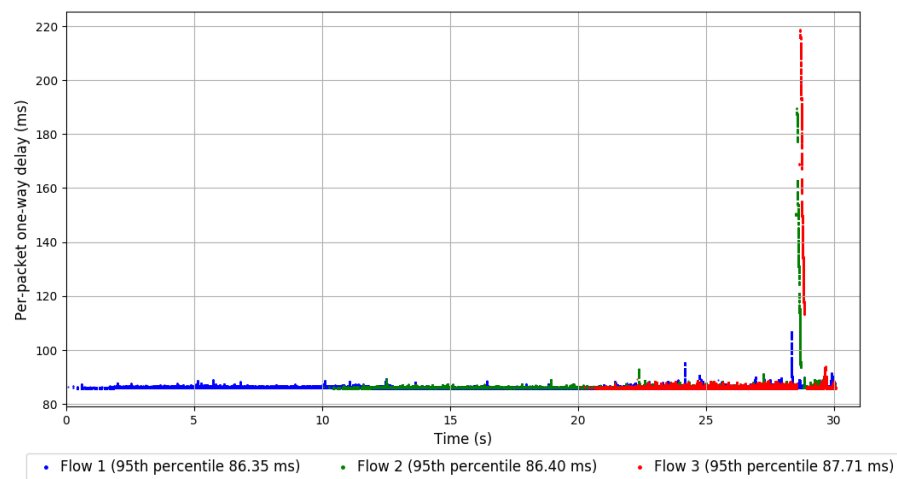
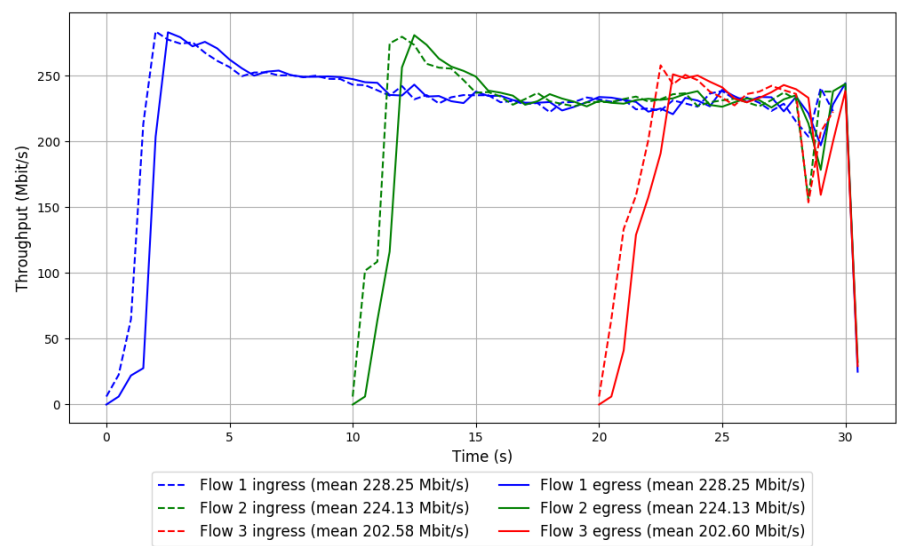
-- Flow 3:

Average throughput: 202.60 Mbit/s

95th percentile per-packet one-way delay: 87.713 ms

Loss rate: 0.00%

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

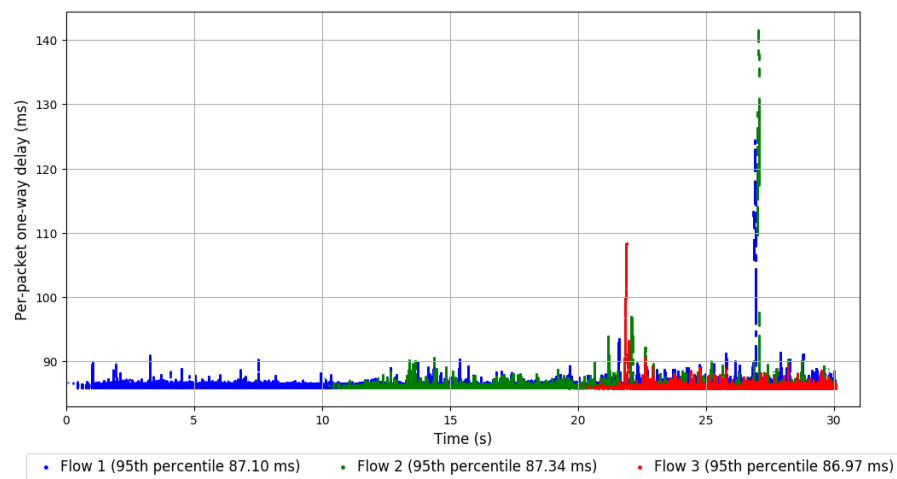
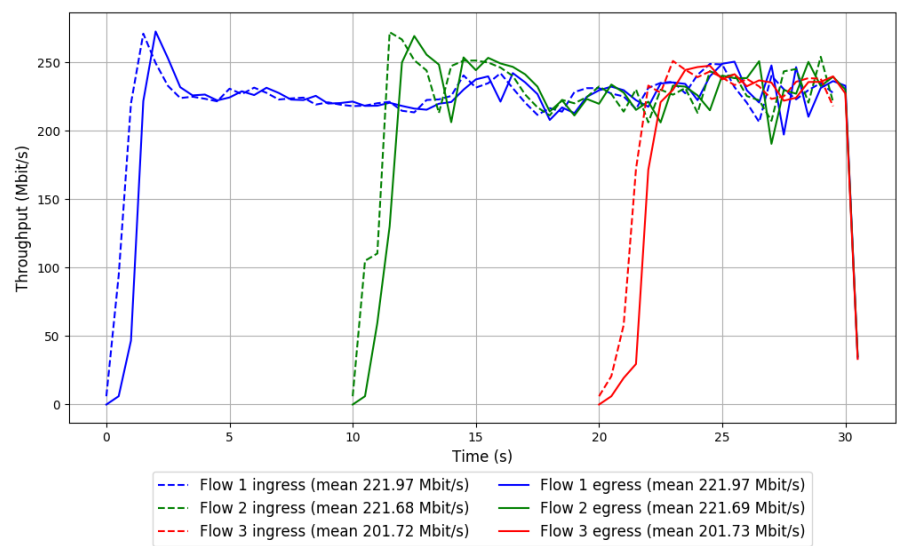


Run 5: Statistics of TaoVA-100x

Start at: 2018-08-09 07:56:29
End at: 2018-08-09 07:56:59
Local clock offset: -0.005 ms
Remote clock offset: -0.013 ms

Below is generated by plot.py at 2018-08-09 13:32:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 436.62 Mbit/s
95th percentile per-packet one-way delay: 87.158 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 221.97 Mbit/s
95th percentile per-packet one-way delay: 87.097 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 221.69 Mbit/s
95th percentile per-packet one-way delay: 87.344 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 201.73 Mbit/s
95th percentile per-packet one-way delay: 86.966 ms
Loss rate: 0.00%

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

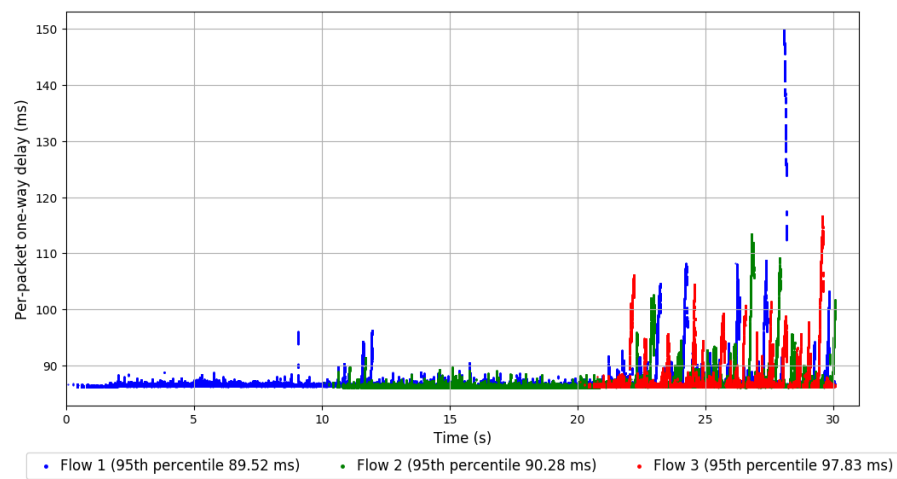
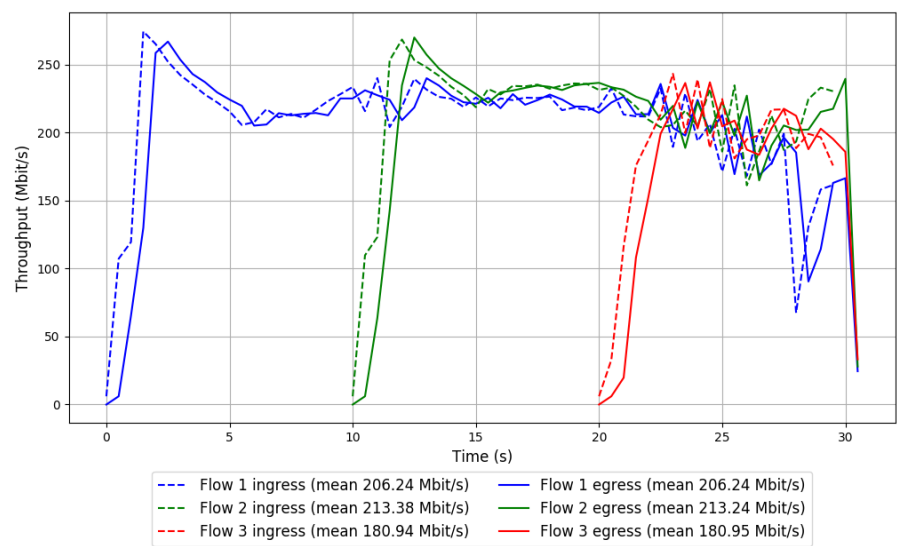


Run 6: Statistics of TaoVA-100x

Start at: 2018-08-09 08:23:46
End at: 2018-08-09 08:24:16
Local clock offset: -0.256 ms
Remote clock offset: -0.048 ms

Below is generated by plot.py at 2018-08-09 13:32:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 408.32 Mbit/s
95th percentile per-packet one-way delay: 92.288 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 206.24 Mbit/s
95th percentile per-packet one-way delay: 89.518 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 213.24 Mbit/s
95th percentile per-packet one-way delay: 90.277 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 180.95 Mbit/s
95th percentile per-packet one-way delay: 97.835 ms
Loss rate: 0.00%

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

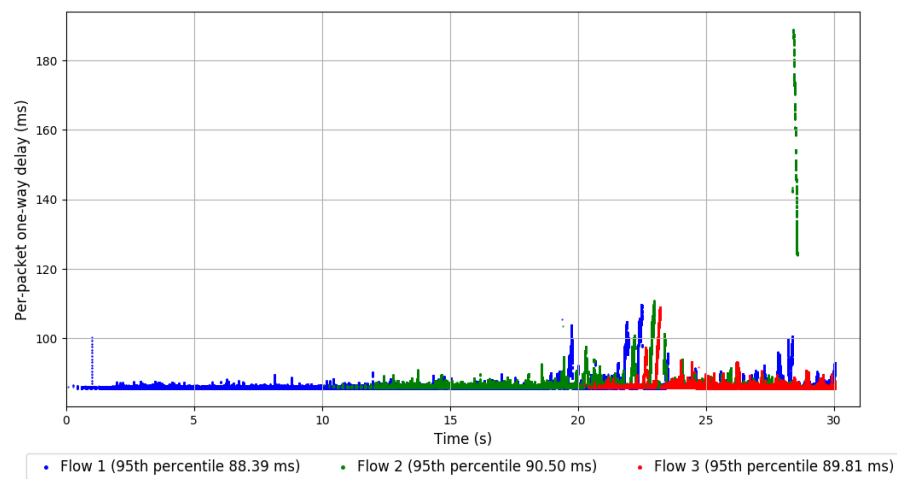
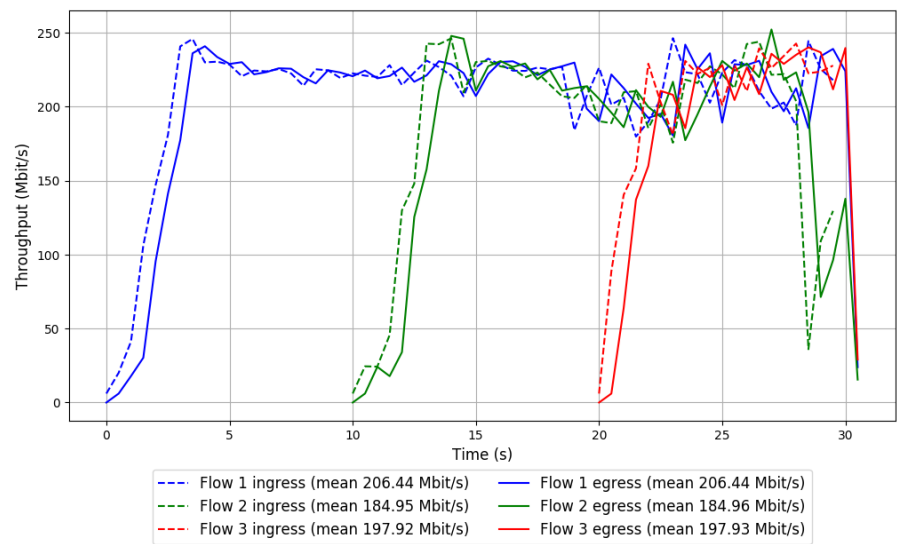


Run 7: Statistics of TaoVA-100x

Start at: 2018-08-09 08:51:04
End at: 2018-08-09 08:51:34
Local clock offset: 0.098 ms
Remote clock offset: -0.001 ms

Below is generated by plot.py at 2018-08-09 13:32:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 395.47 Mbit/s
95th percentile per-packet one-way delay: 89.248 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 206.44 Mbit/s
95th percentile per-packet one-way delay: 88.393 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 184.96 Mbit/s
95th percentile per-packet one-way delay: 90.505 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 197.93 Mbit/s
95th percentile per-packet one-way delay: 89.809 ms
Loss rate: 0.00%

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

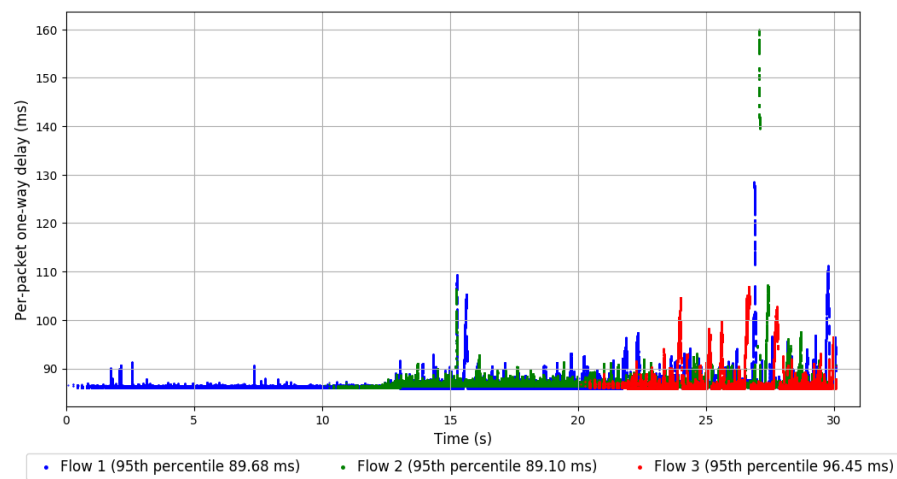
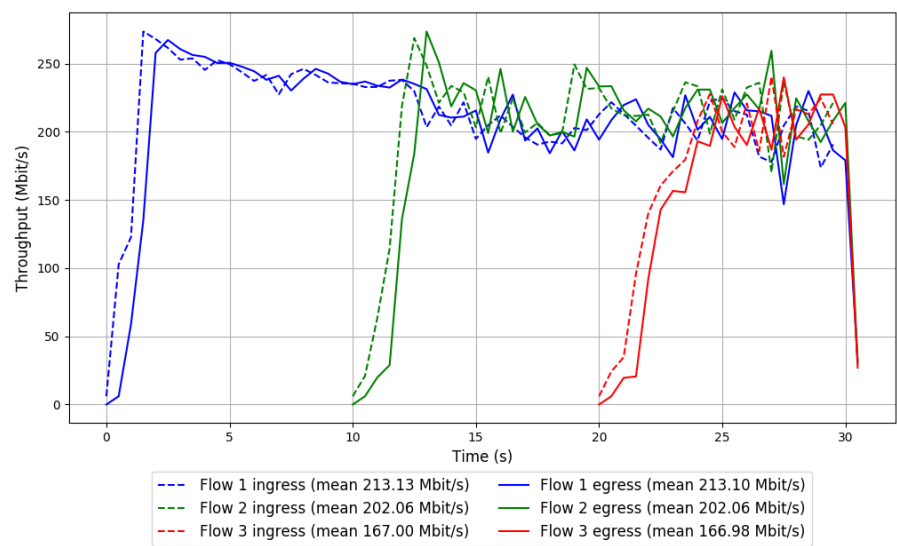


Run 8: Statistics of TaoVA-100x

Start at: 2018-08-09 09:18:15
End at: 2018-08-09 09:18:45
Local clock offset: -0.259 ms
Remote clock offset: -0.023 ms

Below is generated by plot.py at 2018-08-09 13:37:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 403.17 Mbit/s
95th percentile per-packet one-way delay: 90.310 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 213.10 Mbit/s
95th percentile per-packet one-way delay: 89.681 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 202.06 Mbit/s
95th percentile per-packet one-way delay: 89.103 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 166.98 Mbit/s
95th percentile per-packet one-way delay: 96.446 ms
Loss rate: 0.00%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-08-09 09:45:25

End at: 2018-08-09 09:45:55

Local clock offset: -0.105 ms

Remote clock offset: 0.047 ms

Below is generated by plot.py at 2018-08-09 13:43:53

Datalink statistics

-- Total of 3 flows:

Average throughput: 417.40 Mbit/s

95th percentile per-packet one-way delay: 88.401 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 211.87 Mbit/s

95th percentile per-packet one-way delay: 88.317 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 213.74 Mbit/s

95th percentile per-packet one-way delay: 87.978 ms

Loss rate: 0.00%

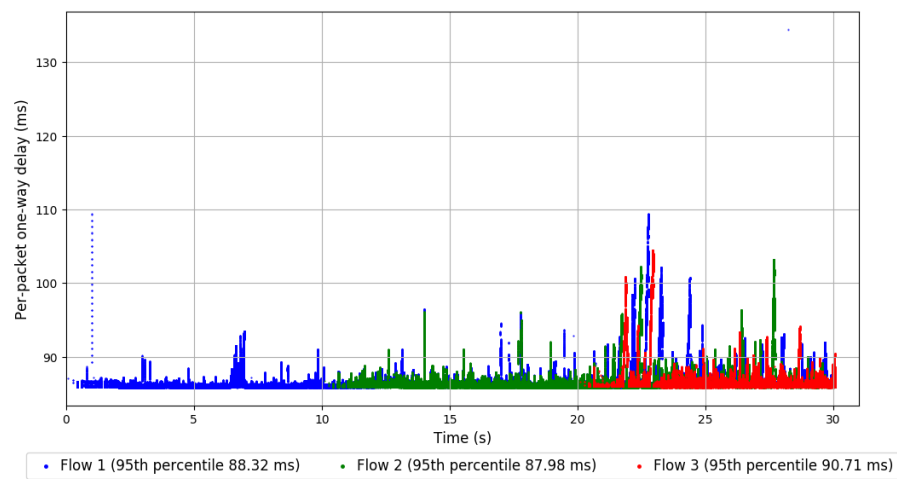
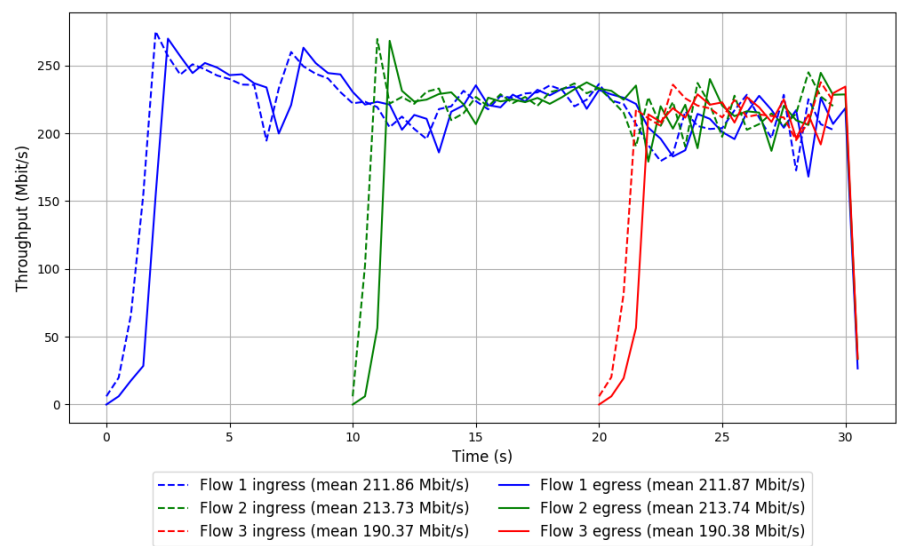
-- Flow 3:

Average throughput: 190.38 Mbit/s

95th percentile per-packet one-way delay: 90.714 ms

Loss rate: 0.00%

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

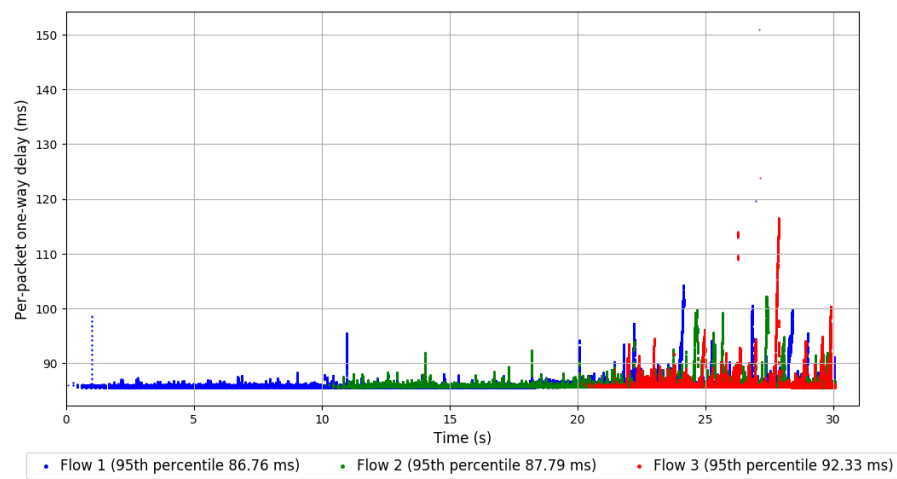
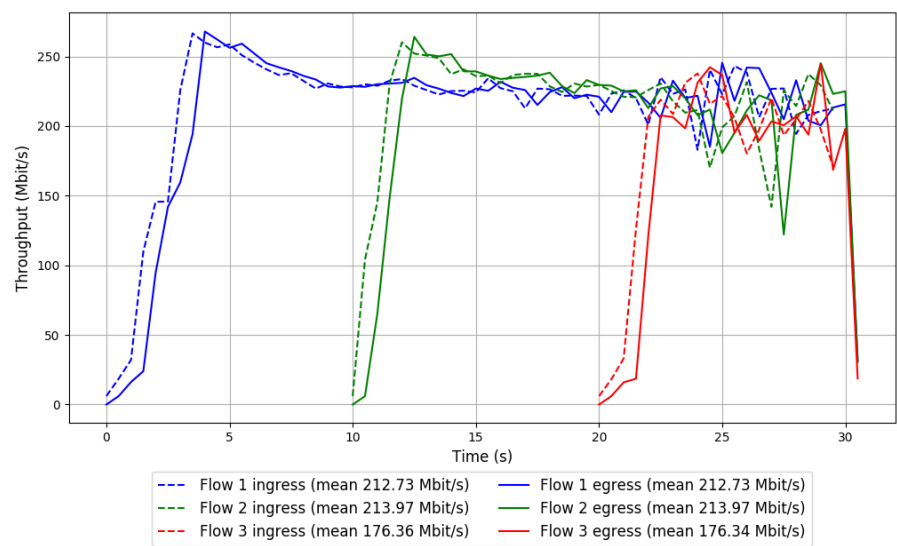


Run 10: Statistics of TaoVA-100x

Start at: 2018-08-09 10:12:49
End at: 2018-08-09 10:13:19
Local clock offset: 0.12 ms
Remote clock offset: -0.021 ms

Below is generated by plot.py at 2018-08-09 13:44:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 413.83 Mbit/s
95th percentile per-packet one-way delay: 88.293 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 212.73 Mbit/s
95th percentile per-packet one-way delay: 86.762 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 213.97 Mbit/s
95th percentile per-packet one-way delay: 87.793 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 176.34 Mbit/s
95th percentile per-packet one-way delay: 92.332 ms
Loss rate: 0.01%

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

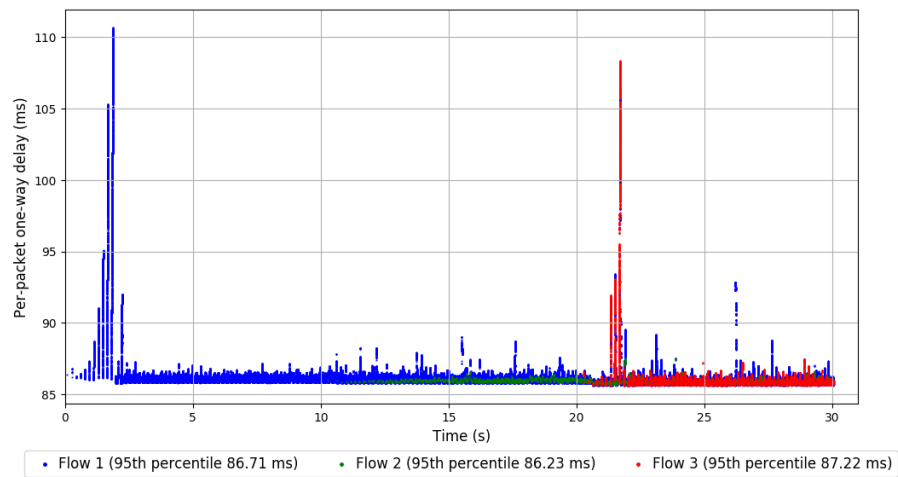
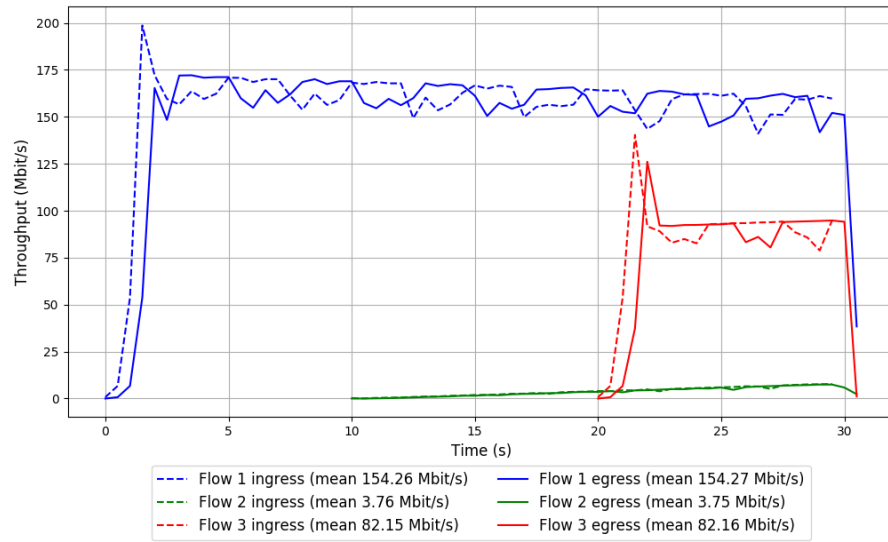


Run 1: Statistics of TCP Vegas

Start at: 2018-08-09 06:25:37
End at: 2018-08-09 06:26:07
Local clock offset: -0.015 ms
Remote clock offset: -0.003 ms

Below is generated by plot.py at 2018-08-09 13:44:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 183.99 Mbit/s
95th percentile per-packet one-way delay: 86.754 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 154.27 Mbit/s
95th percentile per-packet one-way delay: 86.714 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.75 Mbit/s
95th percentile per-packet one-way delay: 86.226 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 82.16 Mbit/s
95th percentile per-packet one-way delay: 87.225 ms
Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link

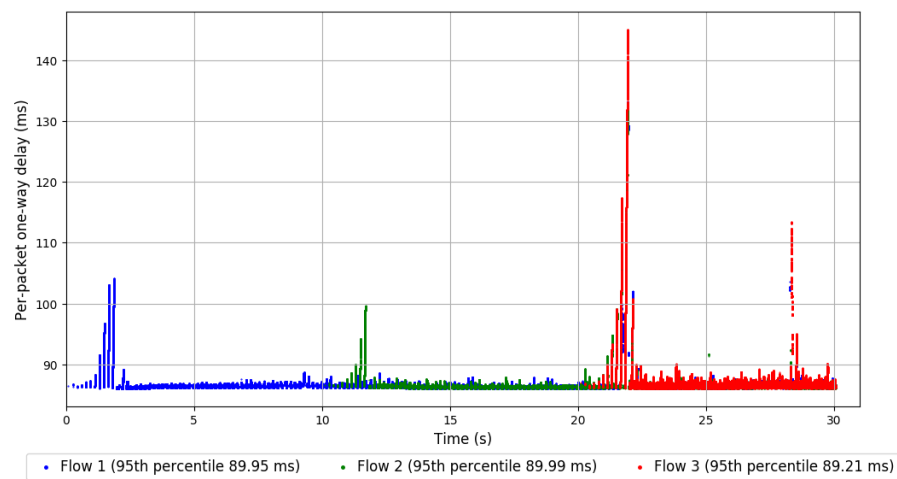
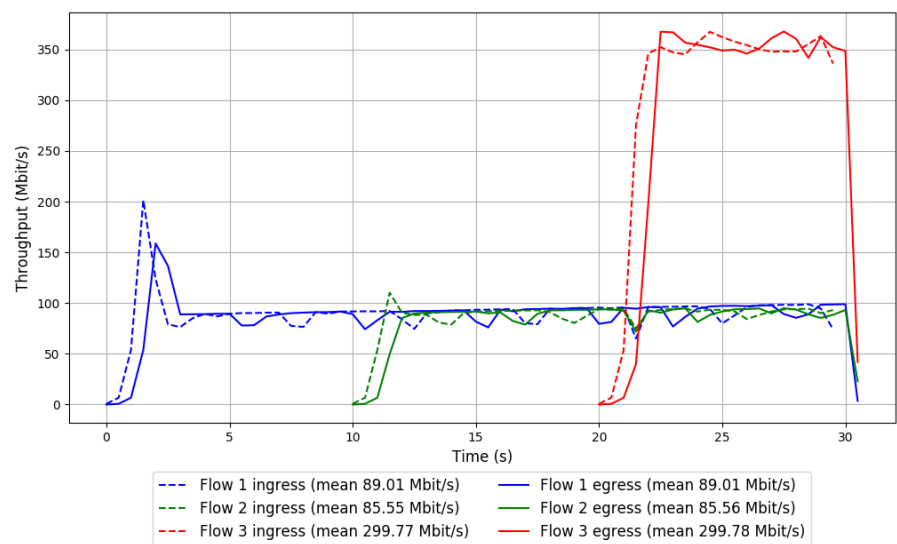


Run 2: Statistics of TCP Vegas

Start at: 2018-08-09 06:53:05
End at: 2018-08-09 06:53:35
Local clock offset: -0.299 ms
Remote clock offset: -0.007 ms

Below is generated by plot.py at 2018-08-09 13:44:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 245.63 Mbit/s
95th percentile per-packet one-way delay: 89.458 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.01 Mbit/s
95th percentile per-packet one-way delay: 89.949 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 85.56 Mbit/s
95th percentile per-packet one-way delay: 89.987 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 299.78 Mbit/s
95th percentile per-packet one-way delay: 89.214 ms
Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link

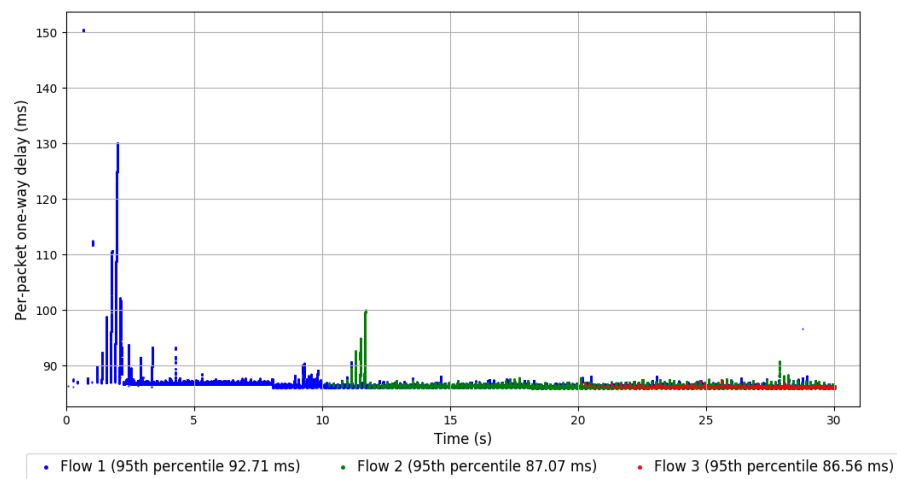
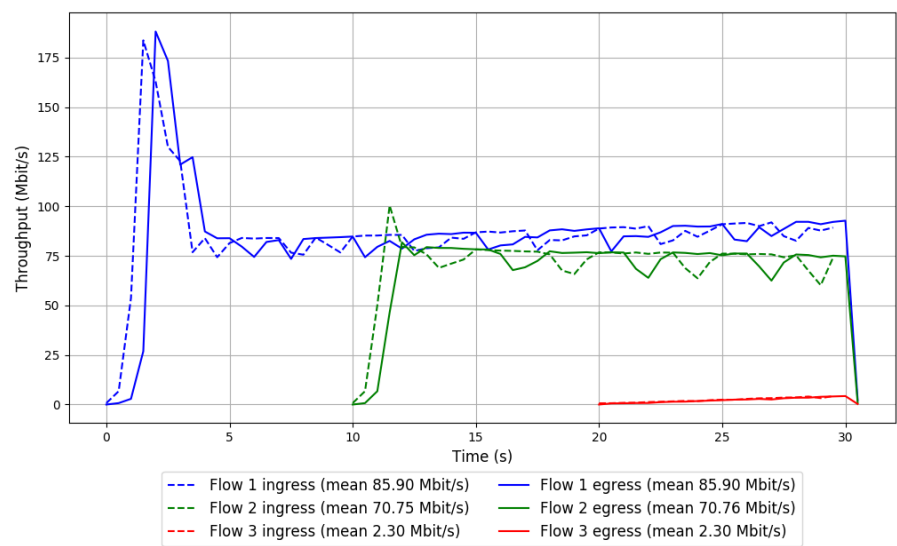


Run 3: Statistics of TCP Vegas

Start at: 2018-08-09 07:20:40
End at: 2018-08-09 07:21:10
Local clock offset: -0.138 ms
Remote clock offset: -0.098 ms

Below is generated by plot.py at 2018-08-09 13:44:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 133.73 Mbit/s
95th percentile per-packet one-way delay: 89.911 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 85.90 Mbit/s
95th percentile per-packet one-way delay: 92.709 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 70.76 Mbit/s
95th percentile per-packet one-way delay: 87.067 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 86.565 ms
Loss rate: 0.10%

Run 3: Report of TCP Vegas — Data Link

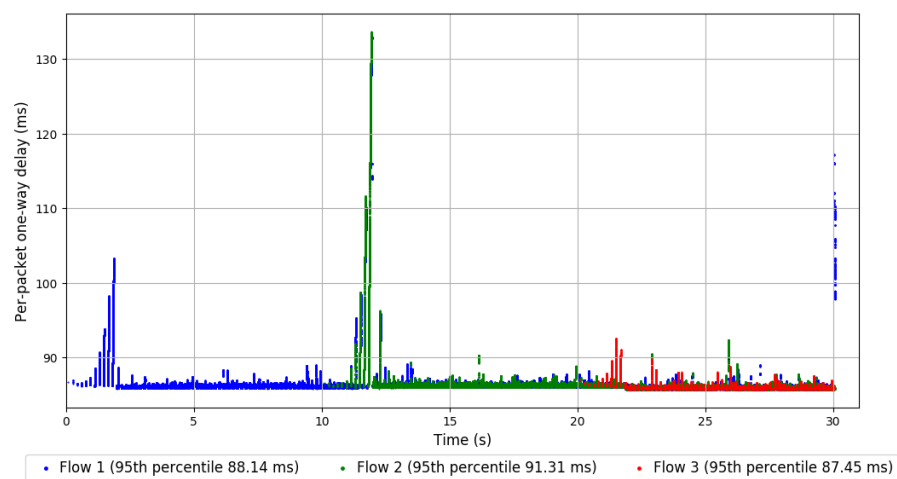
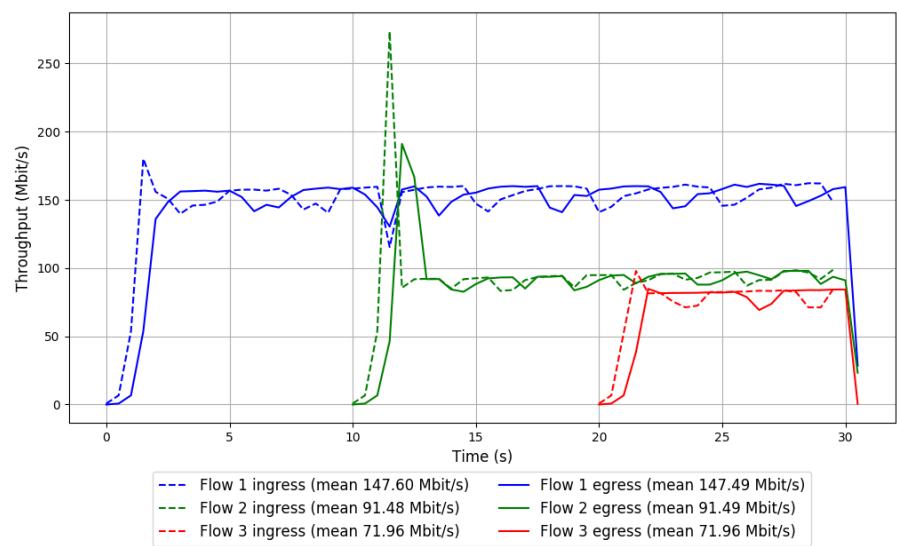


Run 4: Statistics of TCP Vegas

Start at: 2018-08-09 07:48:16
End at: 2018-08-09 07:48:46
Local clock offset: -0.019 ms
Remote clock offset: -0.032 ms

Below is generated by plot.py at 2018-08-09 13:44:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 232.27 Mbit/s
95th percentile per-packet one-way delay: 88.365 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 147.49 Mbit/s
95th percentile per-packet one-way delay: 88.136 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 91.49 Mbit/s
95th percentile per-packet one-way delay: 91.313 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 71.96 Mbit/s
95th percentile per-packet one-way delay: 87.451 ms
Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link

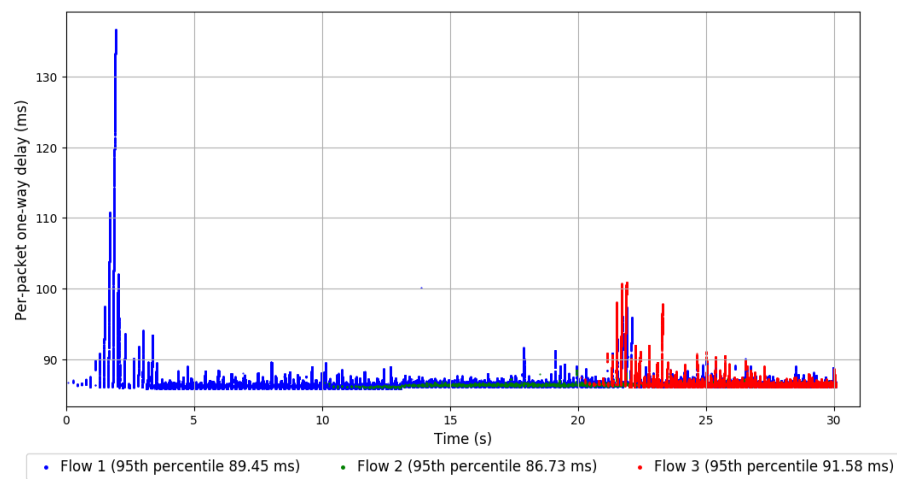
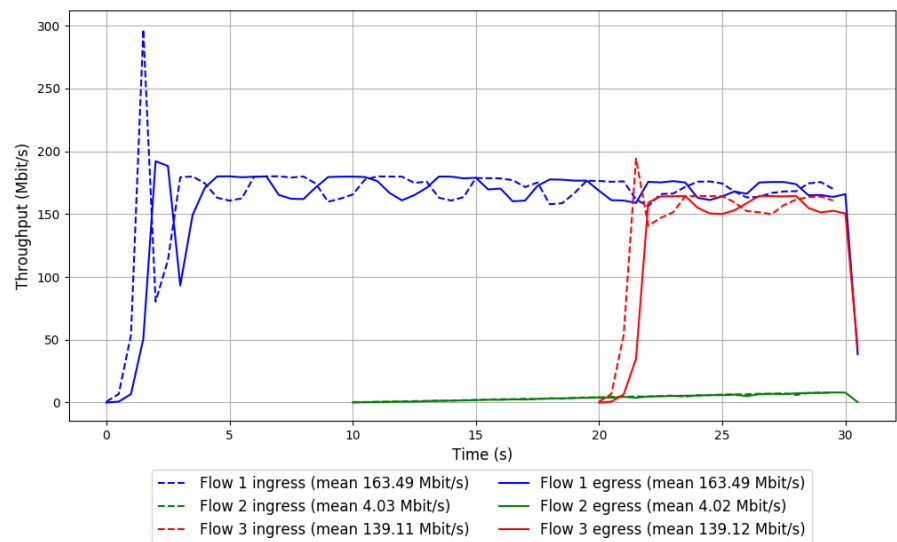


Run 5: Statistics of TCP Vegas

Start at: 2018-08-09 08:15:35
End at: 2018-08-09 08:16:05
Local clock offset: -0.088 ms
Remote clock offset: -0.043 ms

Below is generated by plot.py at 2018-08-09 13:44:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 212.39 Mbit/s
95th percentile per-packet one-way delay: 90.075 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 163.49 Mbit/s
95th percentile per-packet one-way delay: 89.450 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.02 Mbit/s
95th percentile per-packet one-way delay: 86.727 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 139.12 Mbit/s
95th percentile per-packet one-way delay: 91.578 ms
Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link

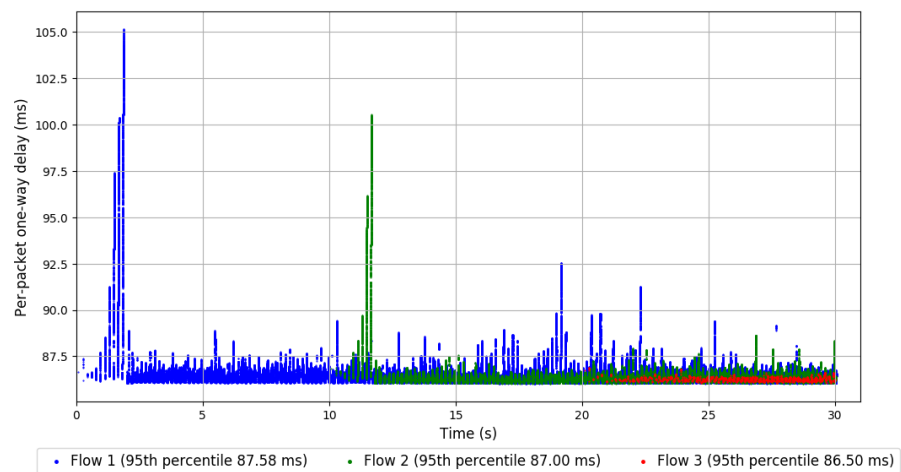
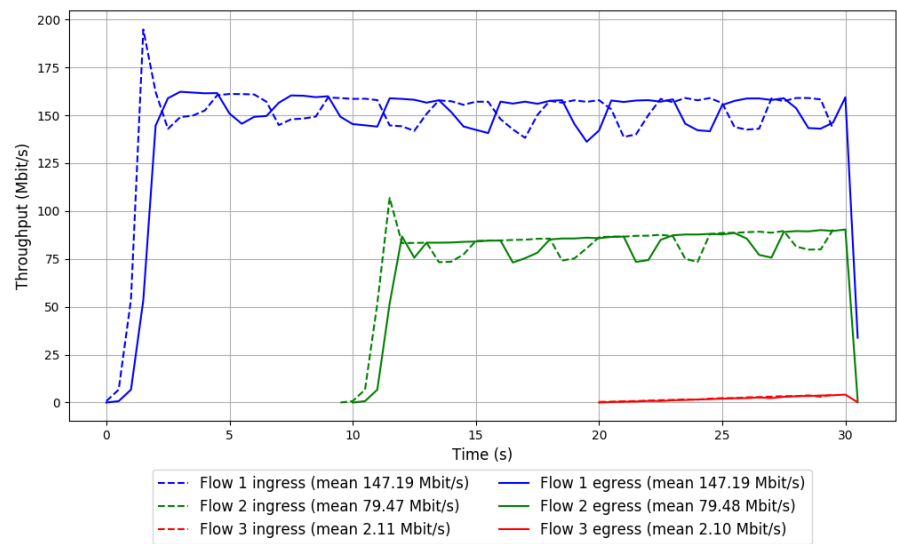


Run 6: Statistics of TCP Vegas

Start at: 2018-08-09 08:42:51
End at: 2018-08-09 08:43:21
Local clock offset: -0.067 ms
Remote clock offset: -0.025 ms

Below is generated by plot.py at 2018-08-09 13:44:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 200.84 Mbit/s
95th percentile per-packet one-way delay: 87.432 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 147.19 Mbit/s
95th percentile per-packet one-way delay: 87.577 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 79.48 Mbit/s
95th percentile per-packet one-way delay: 87.005 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.10 Mbit/s
95th percentile per-packet one-way delay: 86.496 ms
Loss rate: 0.23%

Run 6: Report of TCP Vegas — Data Link

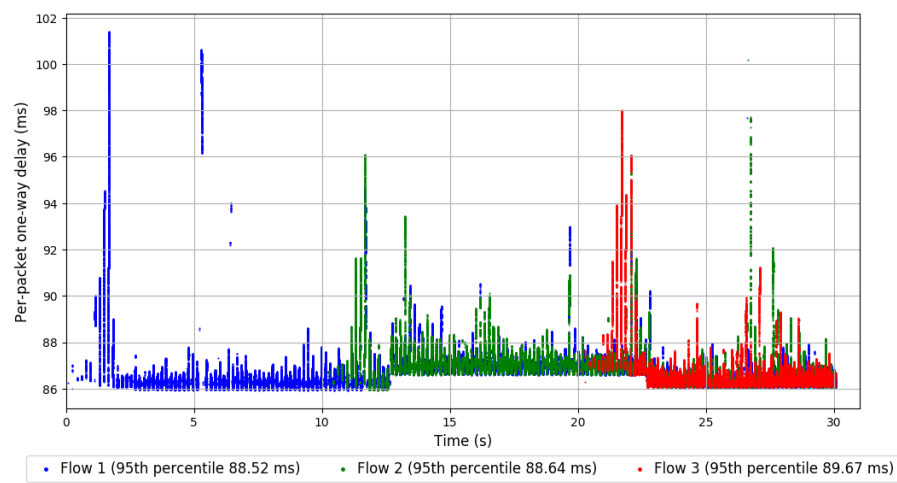
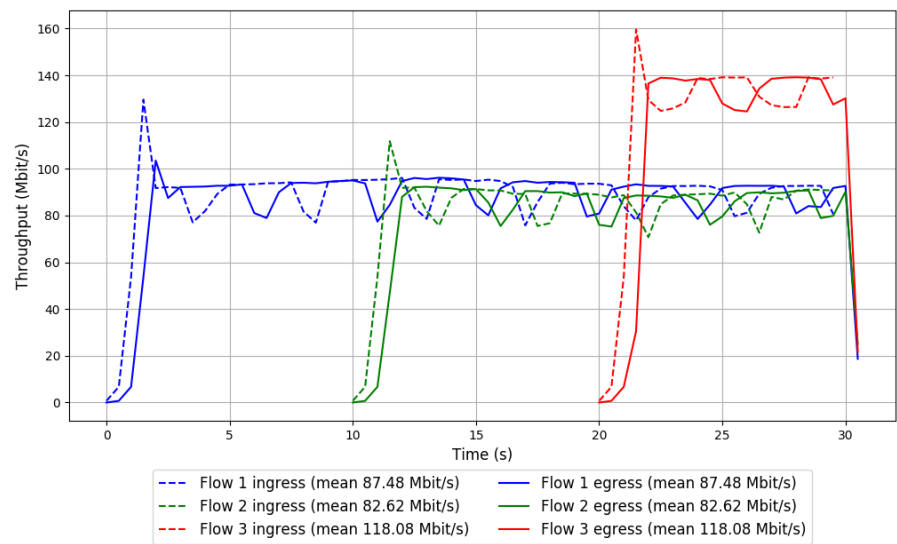


Run 7: Statistics of TCP Vegas

Start at: 2018-08-09 09:10:05
End at: 2018-08-09 09:10:35
Local clock offset: -0.08 ms
Remote clock offset: -0.004 ms

Below is generated by plot.py at 2018-08-09 13:44:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 181.68 Mbit/s
95th percentile per-packet one-way delay: 88.734 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.48 Mbit/s
95th percentile per-packet one-way delay: 88.515 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 82.62 Mbit/s
95th percentile per-packet one-way delay: 88.645 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 118.08 Mbit/s
95th percentile per-packet one-way delay: 89.669 ms
Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link

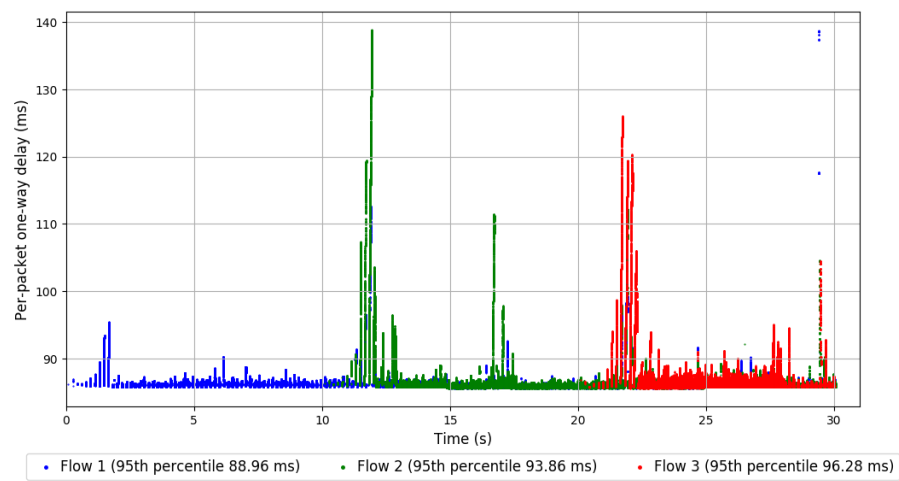
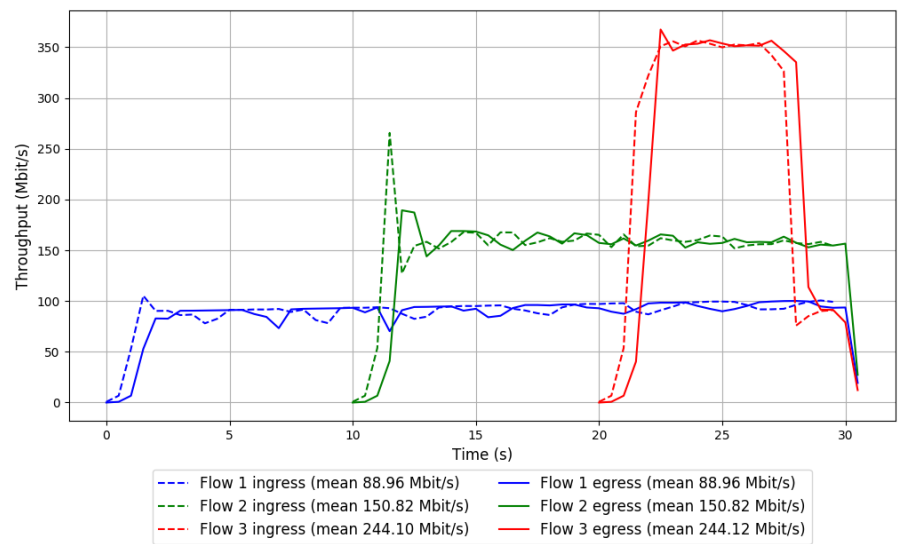


Run 8: Statistics of TCP Vegas

Start at: 2018-08-09 09:37:13
End at: 2018-08-09 09:37:43
Local clock offset: 0.024 ms
Remote clock offset: -0.067 ms

Below is generated by plot.py at 2018-08-09 13:44:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 270.33 Mbit/s
95th percentile per-packet one-way delay: 92.789 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.96 Mbit/s
95th percentile per-packet one-way delay: 88.964 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 150.82 Mbit/s
95th percentile per-packet one-way delay: 93.865 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 244.12 Mbit/s
95th percentile per-packet one-way delay: 96.285 ms
Loss rate: 0.00%

Run 8: Report of TCP Vegas — Data Link

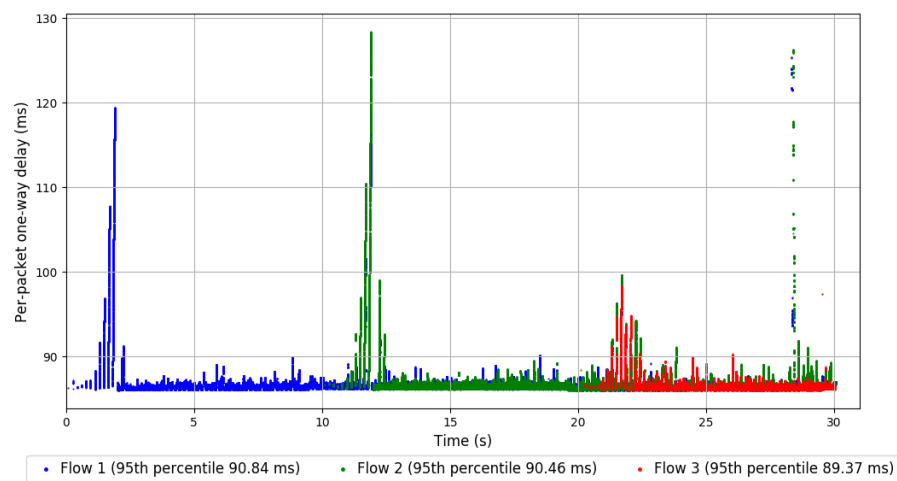
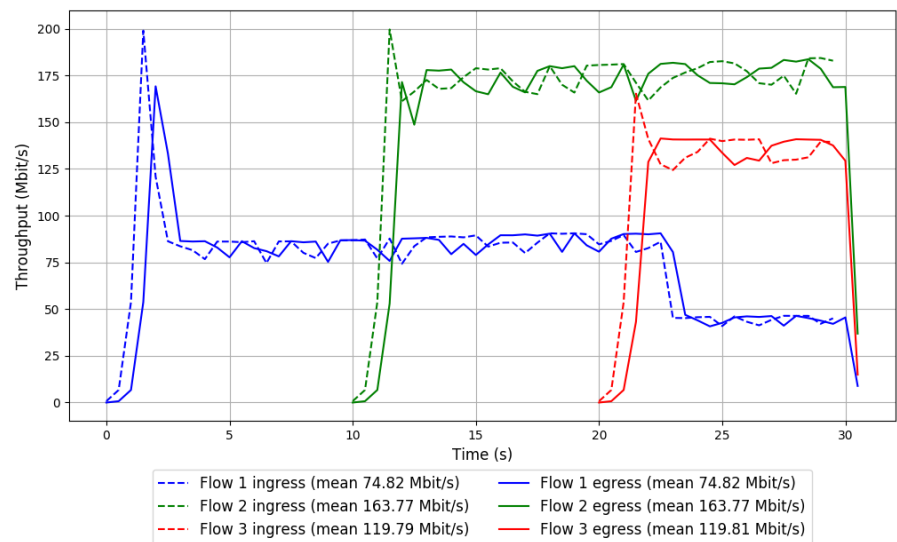


Run 9: Statistics of TCP Vegas

Start at: 2018-08-09 10:04:39
End at: 2018-08-09 10:05:09
Local clock offset: -0.112 ms
Remote clock offset: -0.015 ms

Below is generated by plot.py at 2018-08-09 13:44:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 223.61 Mbit/s
95th percentile per-packet one-way delay: 90.134 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 74.82 Mbit/s
95th percentile per-packet one-way delay: 90.837 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 163.77 Mbit/s
95th percentile per-packet one-way delay: 90.462 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 119.81 Mbit/s
95th percentile per-packet one-way delay: 89.370 ms
Loss rate: 0.00%

Run 9: Report of TCP Vegas — Data Link

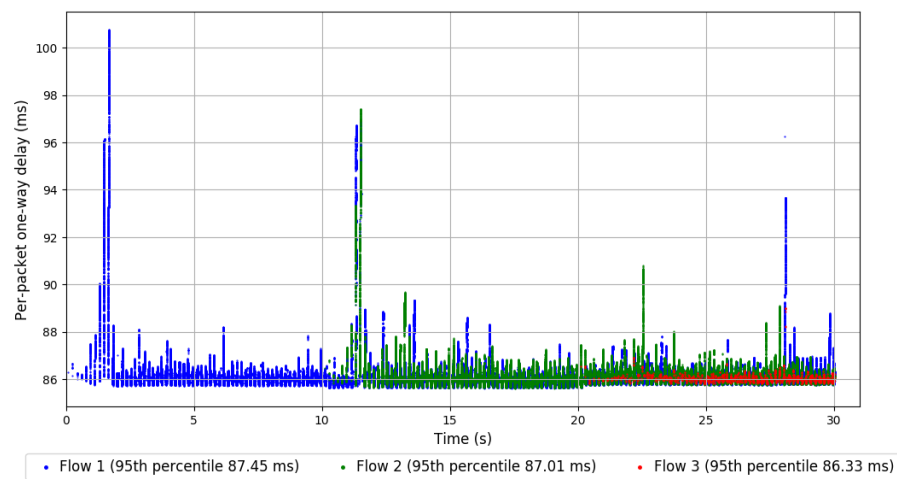
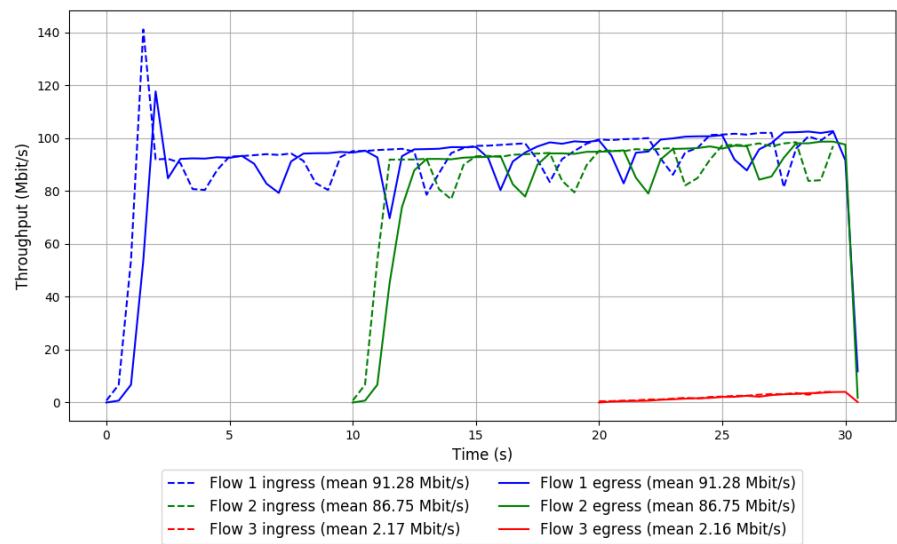


Run 10: Statistics of TCP Vegas

Start at: 2018-08-09 10:32:08
End at: 2018-08-09 10:32:38
Local clock offset: 0.052 ms
Remote clock offset: -0.054 ms

Below is generated by plot.py at 2018-08-09 13:44:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 149.75 Mbit/s
95th percentile per-packet one-way delay: 87.213 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 91.28 Mbit/s
95th percentile per-packet one-way delay: 87.452 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 86.75 Mbit/s
95th percentile per-packet one-way delay: 87.007 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.16 Mbit/s
95th percentile per-packet one-way delay: 86.330 ms
Loss rate: 0.28%

Run 10: Report of TCP Vegas — Data Link

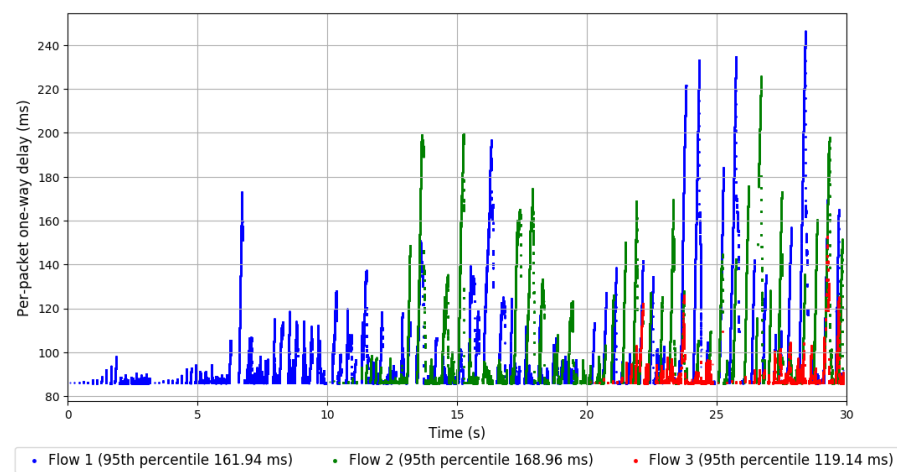
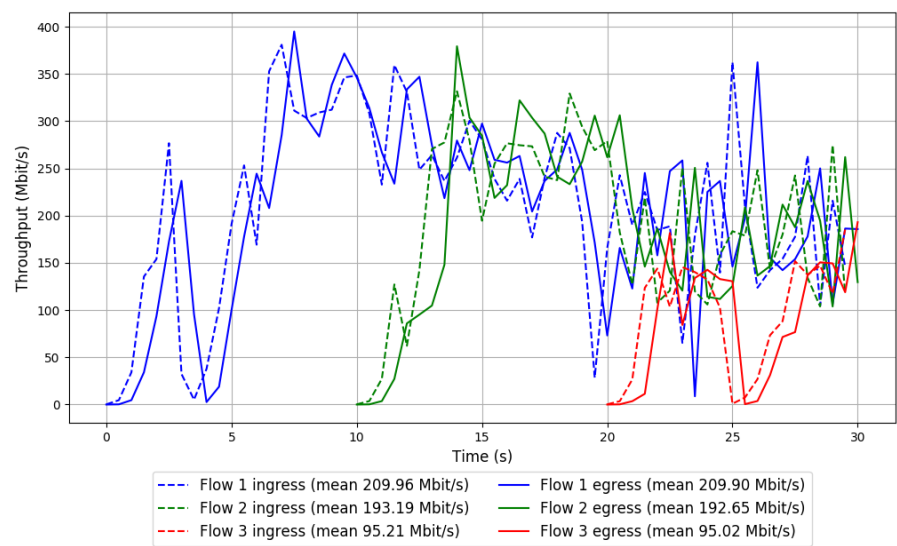


Run 1: Statistics of Verus

Start at: 2018-08-09 06:08:15
End at: 2018-08-09 06:08:45
Local clock offset: -0.182 ms
Remote clock offset: -0.041 ms

Below is generated by plot.py at 2018-08-09 13:44:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 368.94 Mbit/s
95th percentile per-packet one-way delay: 163.058 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 209.90 Mbit/s
95th percentile per-packet one-way delay: 161.942 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 192.65 Mbit/s
95th percentile per-packet one-way delay: 168.958 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 95.02 Mbit/s
95th percentile per-packet one-way delay: 119.136 ms
Loss rate: 0.19%

Run 1: Report of Verus — Data Link

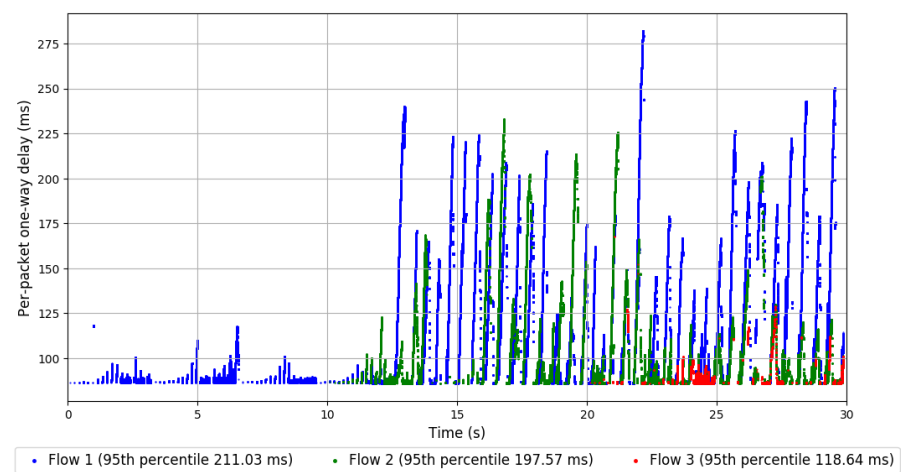
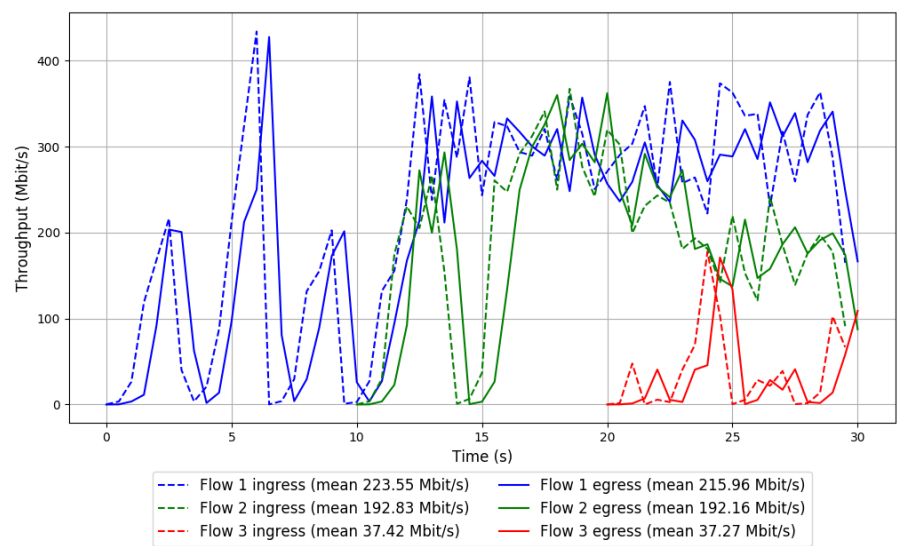


Run 2: Statistics of Verus

Start at: 2018-08-09 06:35:46
End at: 2018-08-09 06:36:16
Local clock offset: -0.383 ms
Remote clock offset: -0.027 ms

Below is generated by plot.py at 2018-08-09 13:44:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 355.75 Mbit/s
95th percentile per-packet one-way delay: 204.833 ms
Loss rate: 2.21%
-- Flow 1:
Average throughput: 215.96 Mbit/s
95th percentile per-packet one-way delay: 211.027 ms
Loss rate: 3.40%
-- Flow 2:
Average throughput: 192.16 Mbit/s
95th percentile per-packet one-way delay: 197.570 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 37.27 Mbit/s
95th percentile per-packet one-way delay: 118.640 ms
Loss rate: 0.37%

Run 2: Report of Verus — Data Link

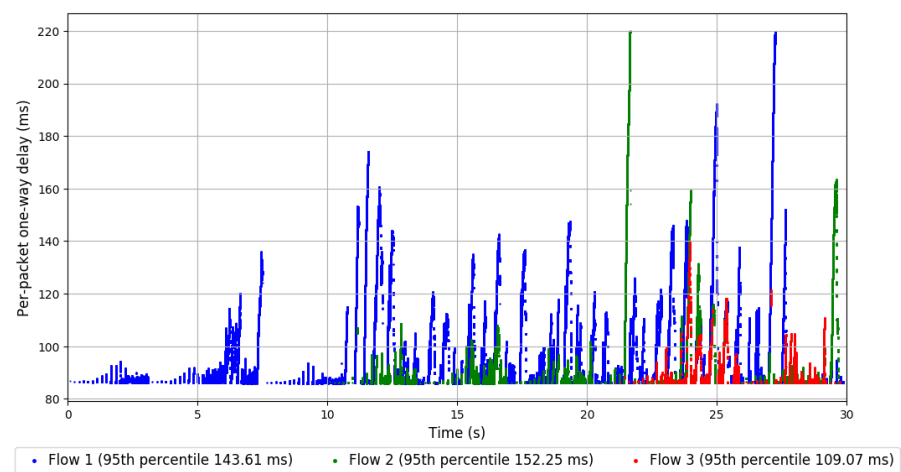
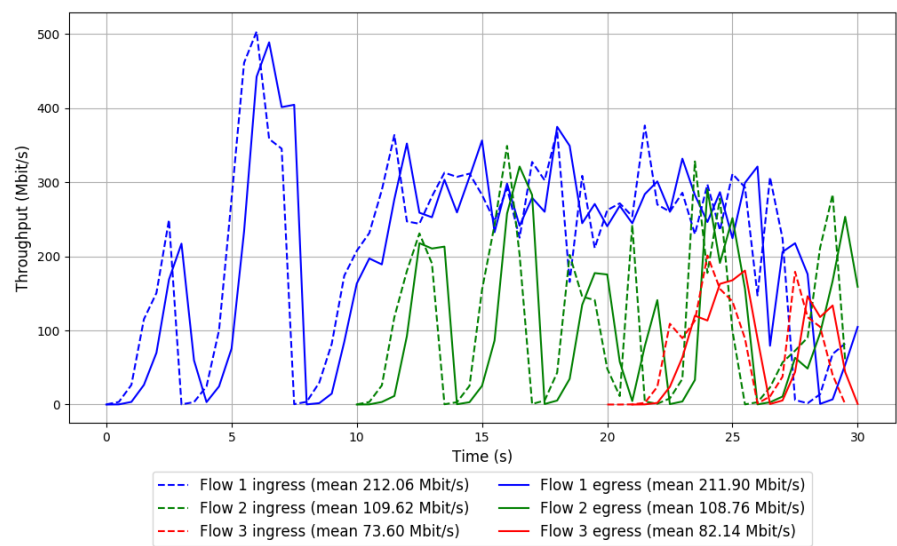


Run 3: Statistics of Verus

Start at: 2018-08-09 07:03:11
End at: 2018-08-09 07:03:41
Local clock offset: -0.119 ms
Remote clock offset: -0.024 ms

Below is generated by plot.py at 2018-08-09 13:44:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 307.25 Mbit/s
95th percentile per-packet one-way delay: 143.469 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 211.90 Mbit/s
95th percentile per-packet one-way delay: 143.611 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 108.76 Mbit/s
95th percentile per-packet one-way delay: 152.251 ms
Loss rate: 0.78%
-- Flow 3:
Average throughput: 82.14 Mbit/s
95th percentile per-packet one-way delay: 109.070 ms
Loss rate: 0.00%

Run 3: Report of Verus — Data Link

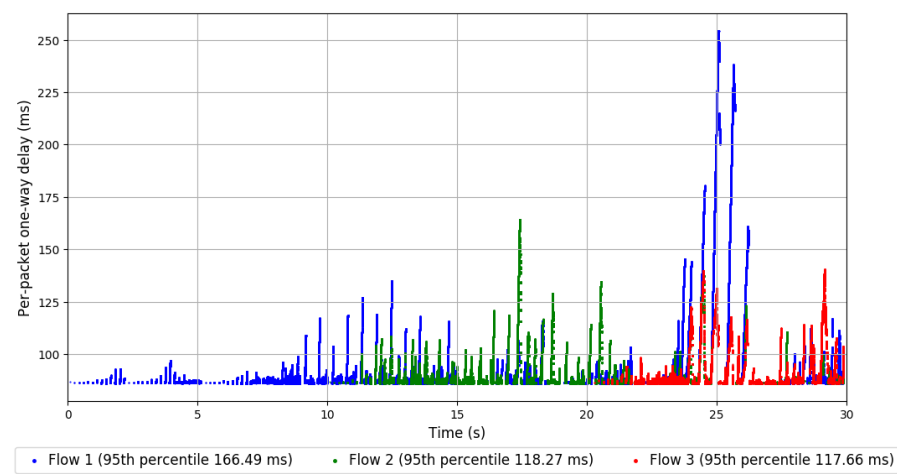
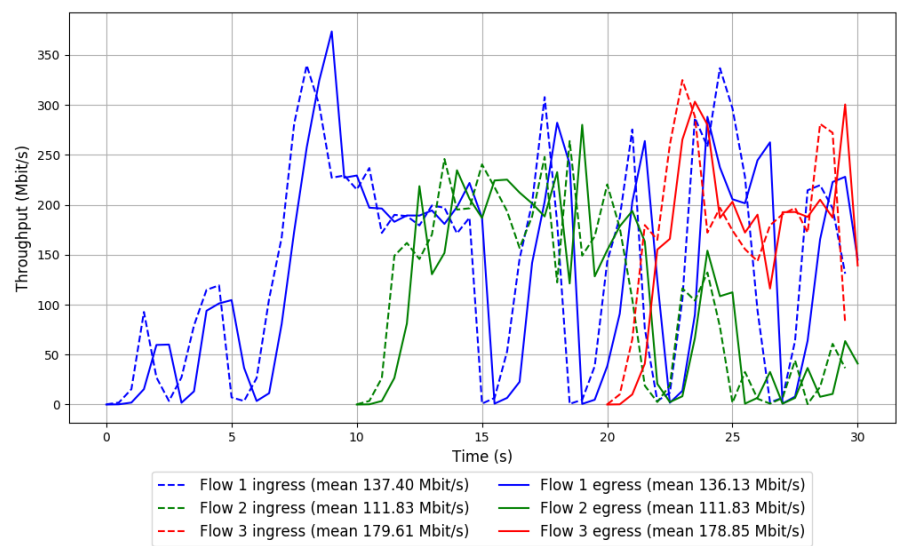


Run 4: Statistics of Verus

Start at: 2018-08-09 07:30:50
End at: 2018-08-09 07:31:20
Local clock offset: -0.207 ms
Remote clock offset: -0.035 ms

Below is generated by plot.py at 2018-08-09 13:44:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 269.06 Mbit/s
95th percentile per-packet one-way delay: 137.043 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 136.13 Mbit/s
95th percentile per-packet one-way delay: 166.490 ms
Loss rate: 0.93%
-- Flow 2:
Average throughput: 111.83 Mbit/s
95th percentile per-packet one-way delay: 118.266 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 178.85 Mbit/s
95th percentile per-packet one-way delay: 117.659 ms
Loss rate: 0.43%

Run 4: Report of Verus — Data Link

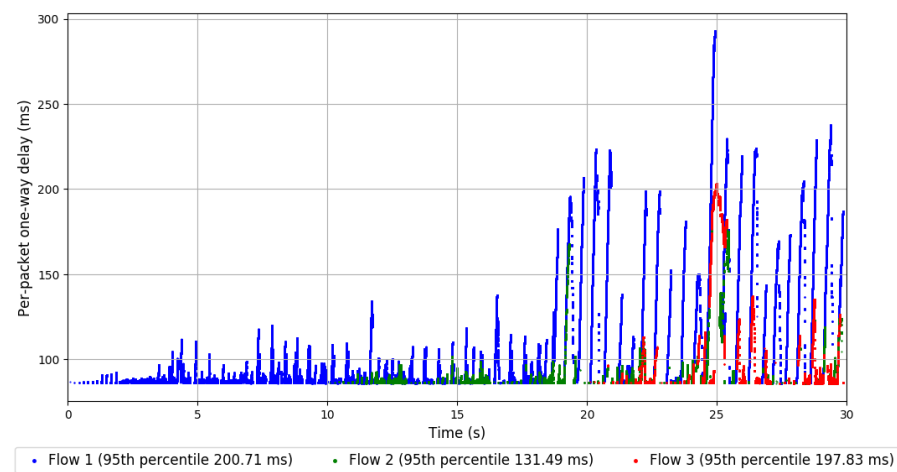
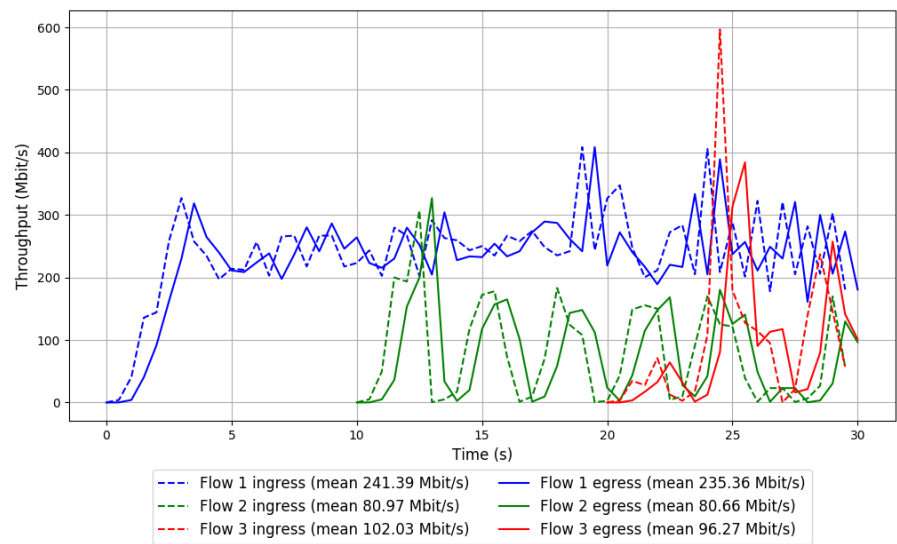


Run 5: Statistics of Verus

Start at: 2018-08-09 07:58:21
End at: 2018-08-09 07:58:51
Local clock offset: -0.144 ms
Remote clock offset: -0.019 ms

Below is generated by plot.py at 2018-08-09 13:45:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 320.11 Mbit/s
95th percentile per-packet one-way delay: 196.805 ms
Loss rate: 2.22%
-- Flow 1:
Average throughput: 235.36 Mbit/s
95th percentile per-packet one-way delay: 200.712 ms
Loss rate: 2.17%
-- Flow 2:
Average throughput: 80.66 Mbit/s
95th percentile per-packet one-way delay: 131.486 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 96.27 Mbit/s
95th percentile per-packet one-way delay: 197.829 ms
Loss rate: 5.65%

Run 5: Report of Verus — Data Link

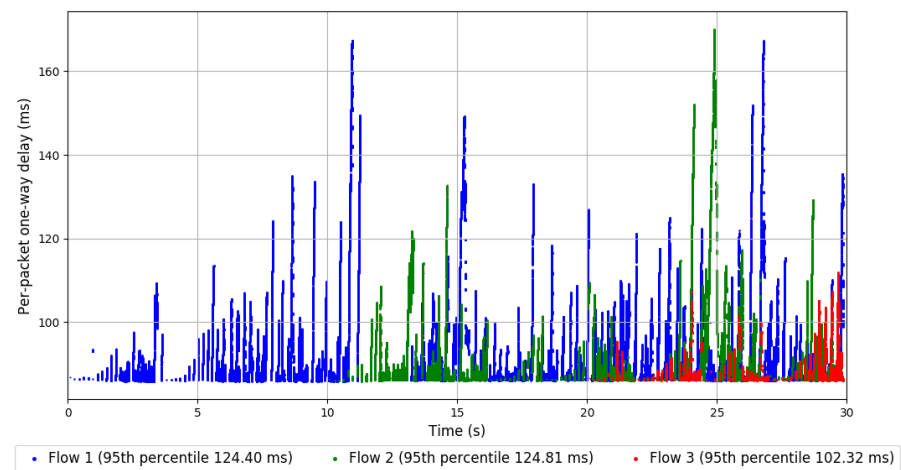
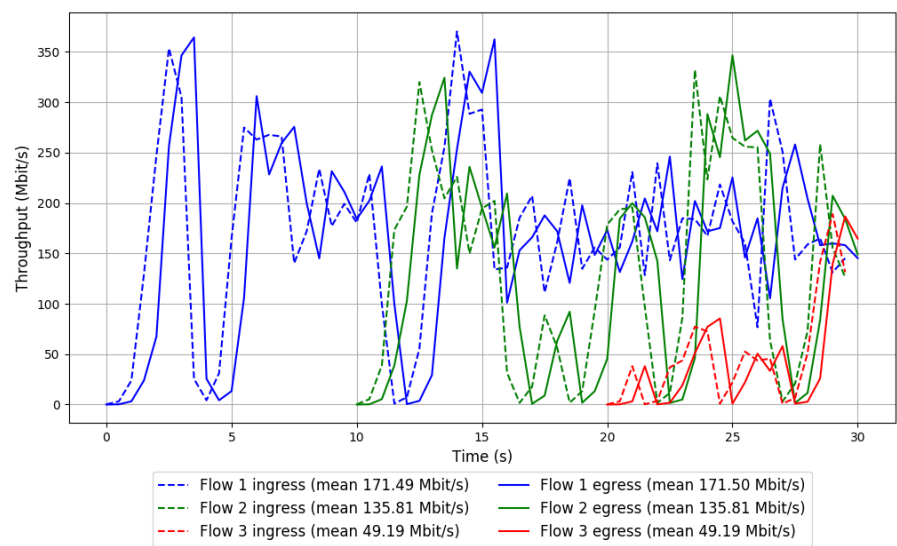


Run 6: Statistics of Verus

Start at: 2018-08-09 08:25:36
End at: 2018-08-09 08:26:06
Local clock offset: -0.127 ms
Remote clock offset: -0.081 ms

Below is generated by plot.py at 2018-08-09 13:45:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 277.79 Mbit/s
95th percentile per-packet one-way delay: 122.875 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 171.50 Mbit/s
95th percentile per-packet one-way delay: 124.396 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 135.81 Mbit/s
95th percentile per-packet one-way delay: 124.809 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 49.19 Mbit/s
95th percentile per-packet one-way delay: 102.319 ms
Loss rate: 0.00%

Run 6: Report of Verus — Data Link

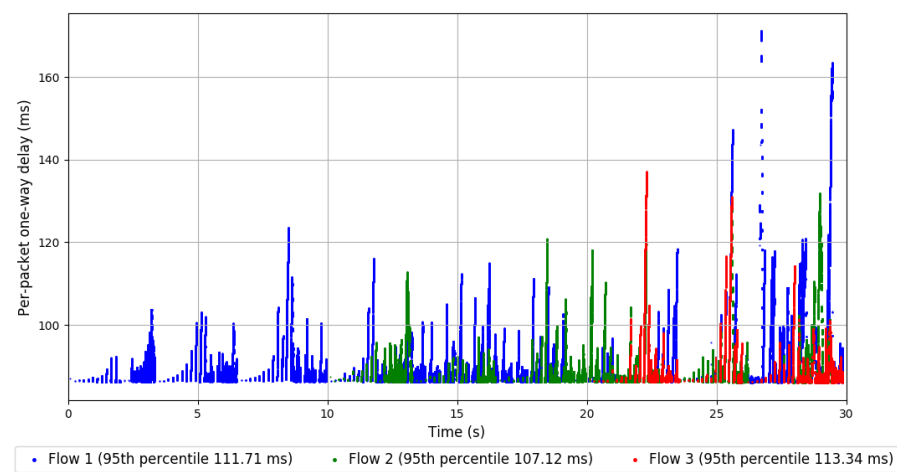
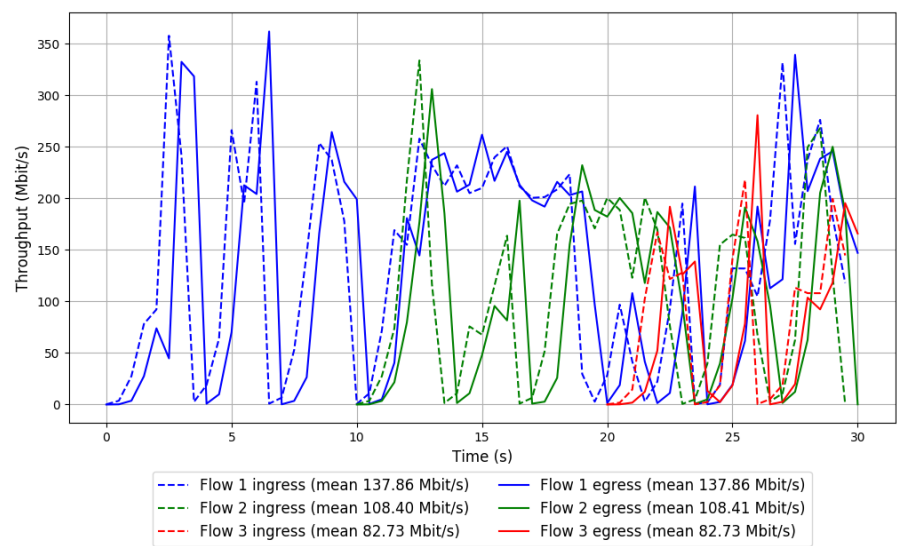


Run 7: Statistics of Verus

Start at: 2018-08-09 08:52:53
End at: 2018-08-09 08:53:23
Local clock offset: -0.191 ms
Remote clock offset: 0.009 ms

Below is generated by plot.py at 2018-08-09 13:47:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 236.64 Mbit/s
95th percentile per-packet one-way delay: 110.704 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 137.86 Mbit/s
95th percentile per-packet one-way delay: 111.713 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 108.41 Mbit/s
95th percentile per-packet one-way delay: 107.125 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 82.73 Mbit/s
95th percentile per-packet one-way delay: 113.338 ms
Loss rate: 0.00%

Run 7: Report of Verus — Data Link

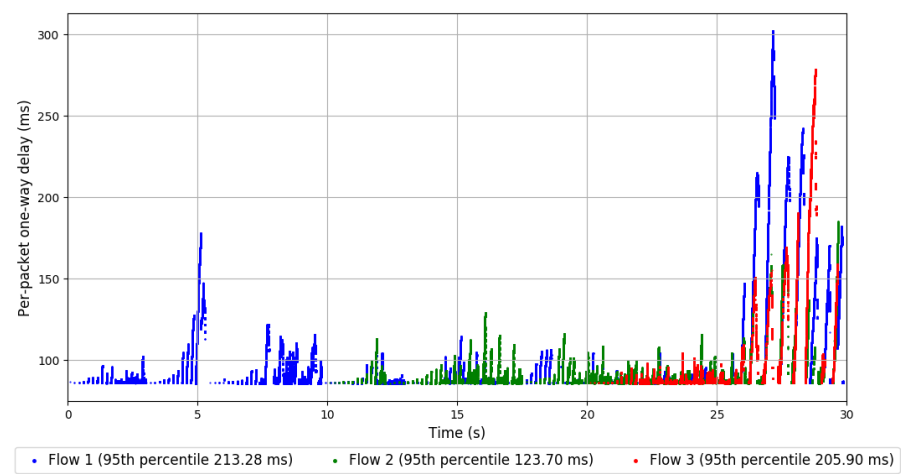
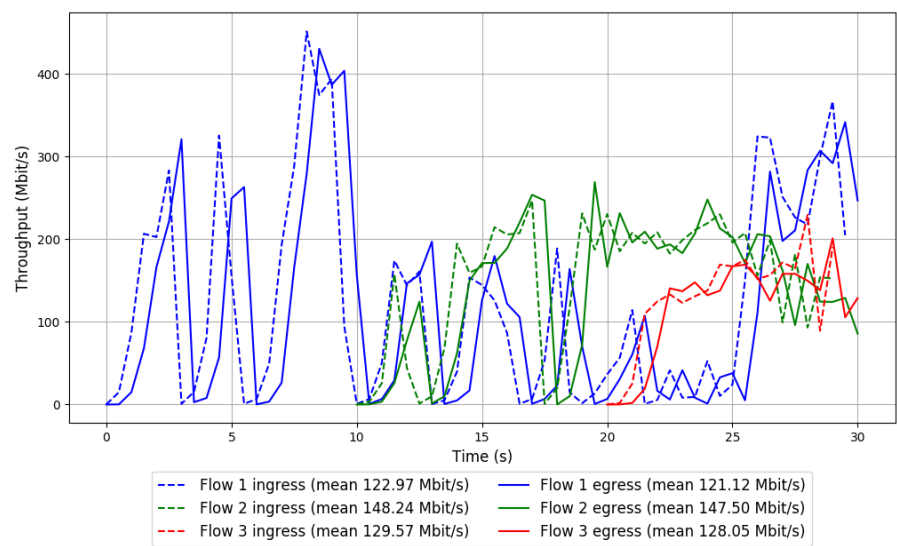


Run 8: Statistics of Verus

Start at: 2018-08-09 09:20:04
End at: 2018-08-09 09:20:34
Local clock offset: -0.109 ms
Remote clock offset: 0.017 ms

Below is generated by plot.py at 2018-08-09 13:47:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 259.06 Mbit/s
95th percentile per-packet one-way delay: 194.060 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 121.12 Mbit/s
95th percentile per-packet one-way delay: 213.277 ms
Loss rate: 1.51%
-- Flow 2:
Average throughput: 147.50 Mbit/s
95th percentile per-packet one-way delay: 123.697 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 128.05 Mbit/s
95th percentile per-packet one-way delay: 205.897 ms
Loss rate: 0.42%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: 2018-08-09 09:47:16

End at: 2018-08-09 09:47:46

Local clock offset: -0.263 ms

Remote clock offset: 0.026 ms

Below is generated by plot.py at 2018-08-09 13:48:20

Datalink statistics

-- Total of 3 flows:

Average throughput: 299.39 Mbit/s

95th percentile per-packet one-way delay: 193.005 ms

Loss rate: 0.81%

-- Flow 1:

Average throughput: 188.01 Mbit/s

95th percentile per-packet one-way delay: 183.095 ms

Loss rate: 1.16%

-- Flow 2:

Average throughput: 149.48 Mbit/s

95th percentile per-packet one-way delay: 200.244 ms

Loss rate: 0.27%

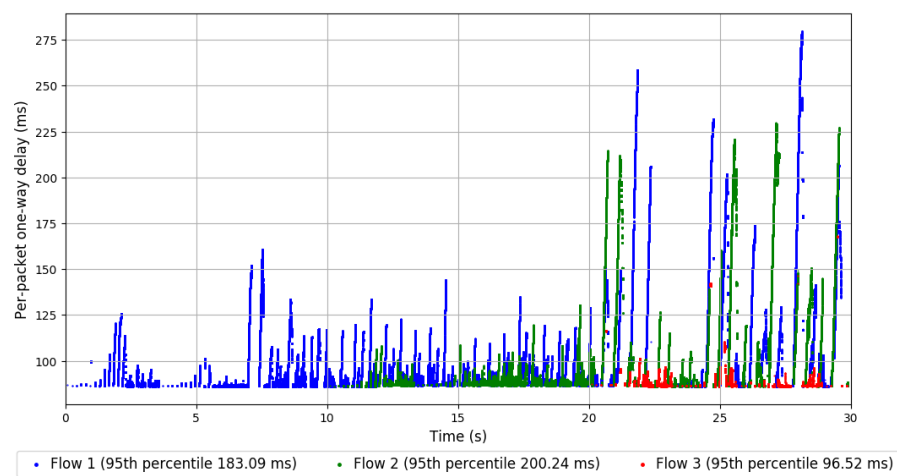
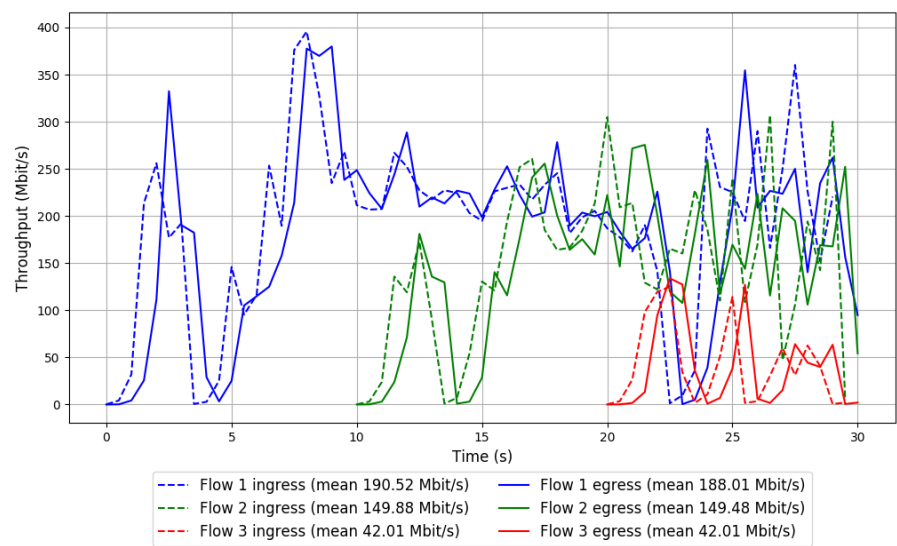
-- Flow 3:

Average throughput: 42.01 Mbit/s

95th percentile per-packet one-way delay: 96.516 ms

Loss rate: 0.00%

Run 9: Report of Verus — Data Link

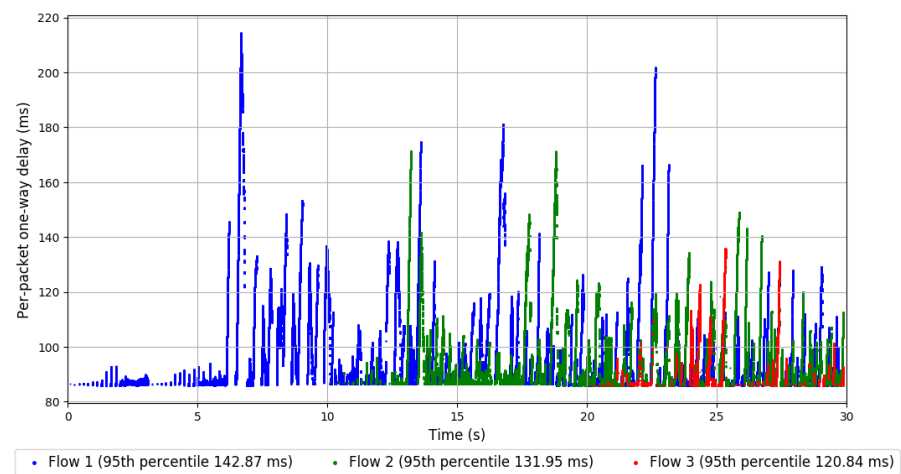
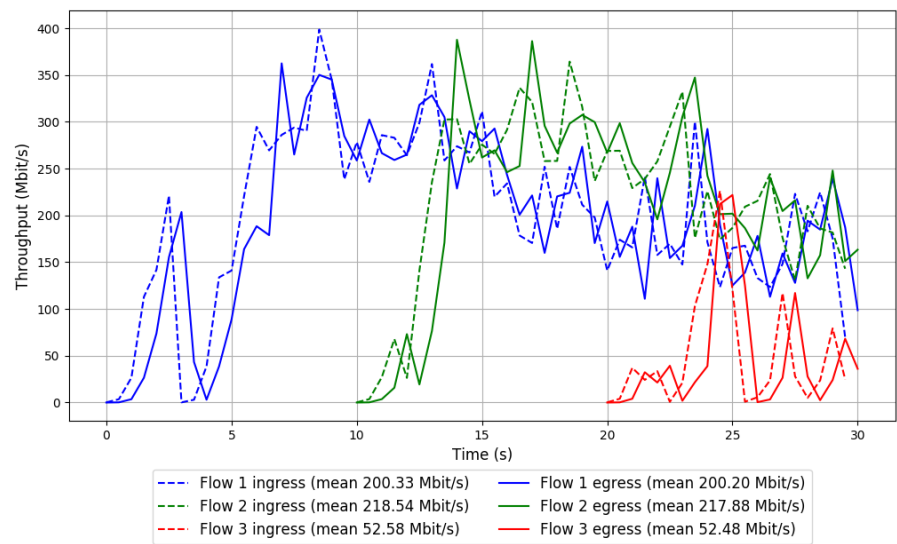


Run 10: Statistics of Verus

Start at: 2018-08-09 10:14:39
End at: 2018-08-09 10:15:09
Local clock offset: -0.135 ms
Remote clock offset: -0.017 ms

Below is generated by plot.py at 2018-08-09 13:49:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 361.22 Mbit/s
95th percentile per-packet one-way delay: 136.327 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 200.20 Mbit/s
95th percentile per-packet one-way delay: 142.872 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 217.88 Mbit/s
95th percentile per-packet one-way delay: 131.949 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 52.48 Mbit/s
95th percentile per-packet one-way delay: 120.843 ms
Loss rate: 0.18%

Run 10: Report of Verus — Data Link

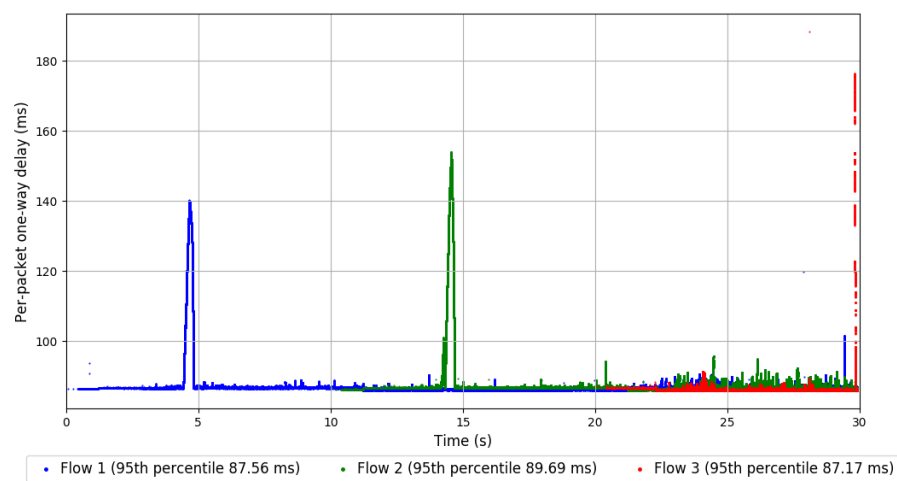
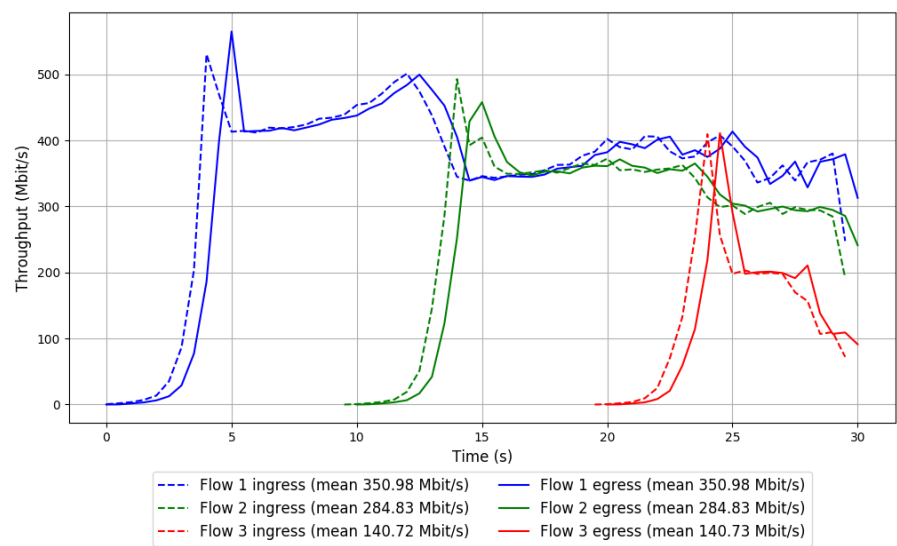


Run 1: Statistics of PCC-Vivace

Start at: 2018-08-09 06:18:56
End at: 2018-08-09 06:19:26
Local clock offset: -0.246 ms
Remote clock offset: -0.049 ms

Below is generated by plot.py at 2018-08-09 13:53:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 587.25 Mbit/s
95th percentile per-packet one-way delay: 88.219 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 350.98 Mbit/s
95th percentile per-packet one-way delay: 87.555 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 284.83 Mbit/s
95th percentile per-packet one-way delay: 89.685 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 140.73 Mbit/s
95th percentile per-packet one-way delay: 87.171 ms
Loss rate: 0.00%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2018-08-09 06:46:25

End at: 2018-08-09 06:46:55

Local clock offset: -0.155 ms

Remote clock offset: 0.003 ms

Below is generated by plot.py at 2018-08-09 13:53:58

Datalink statistics

-- Total of 3 flows:

Average throughput: 516.53 Mbit/s

95th percentile per-packet one-way delay: 88.847 ms

Loss rate: 0.05%

-- Flow 1:

Average throughput: 314.96 Mbit/s

95th percentile per-packet one-way delay: 89.464 ms

Loss rate: 0.08%

-- Flow 2:

Average throughput: 222.23 Mbit/s

95th percentile per-packet one-way delay: 88.758 ms

Loss rate: 0.00%

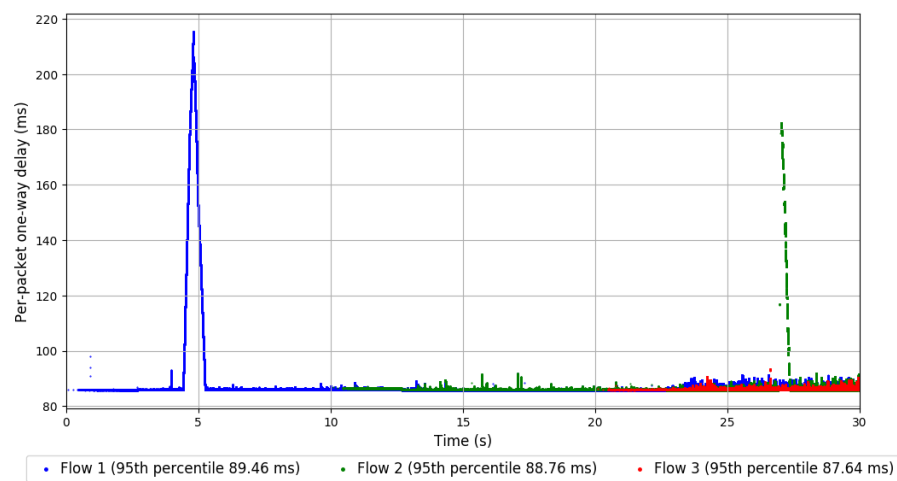
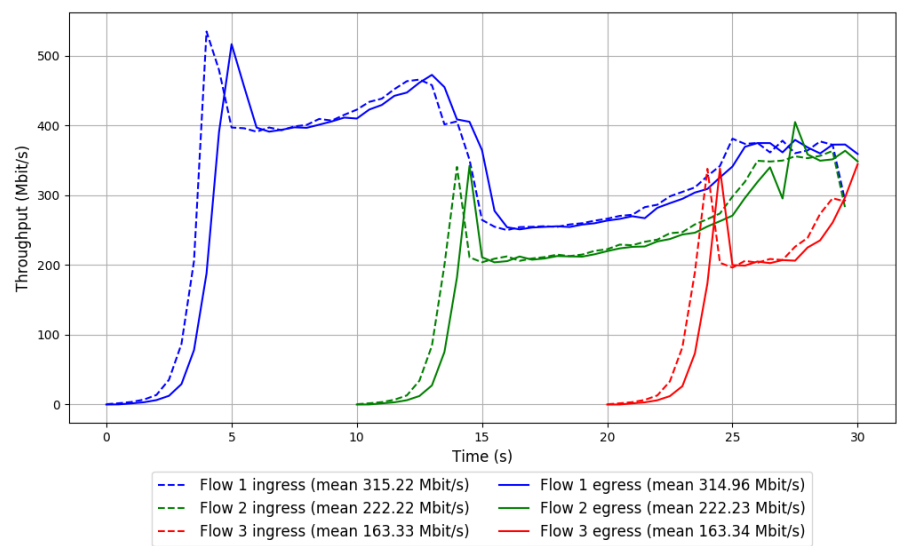
-- Flow 3:

Average throughput: 163.34 Mbit/s

95th percentile per-packet one-way delay: 87.637 ms

Loss rate: 0.00%

Run 2: Report of PCC-Vivace — Data Link

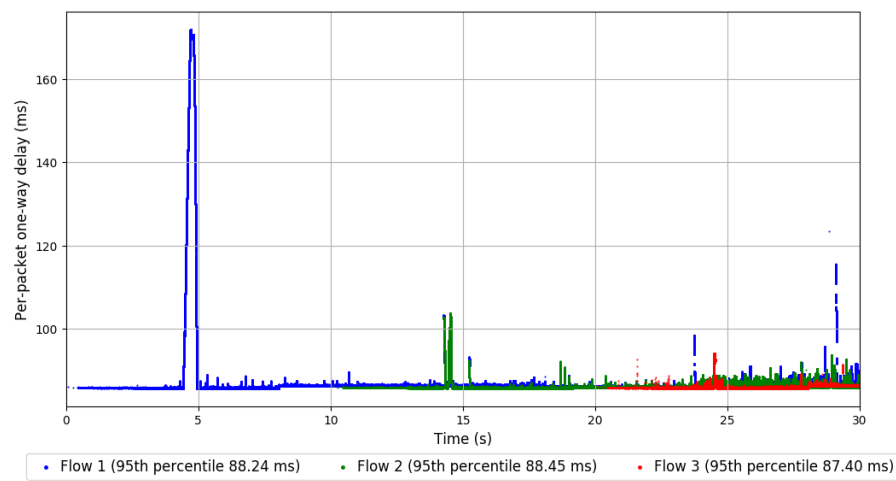
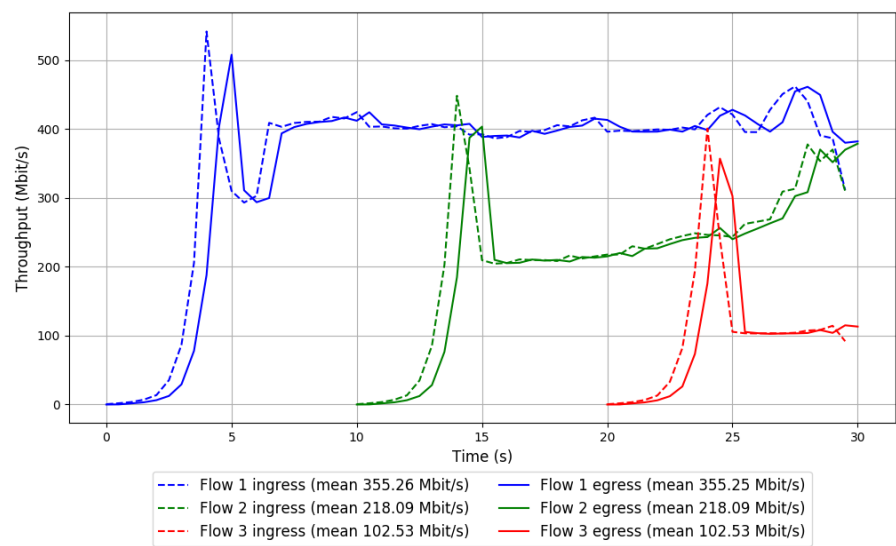


Run 3: Statistics of PCC-Vivace

Start at: 2018-08-09 07:13:59
End at: 2018-08-09 07:14:29
Local clock offset: -0.15 ms
Remote clock offset: -0.055 ms

Below is generated by plot.py at 2018-08-09 13:54:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 534.09 Mbit/s
95th percentile per-packet one-way delay: 88.258 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 355.25 Mbit/s
95th percentile per-packet one-way delay: 88.243 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 218.09 Mbit/s
95th percentile per-packet one-way delay: 88.450 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 102.53 Mbit/s
95th percentile per-packet one-way delay: 87.397 ms
Loss rate: 0.00%

Run 3: Report of PCC-Vivace — Data Link

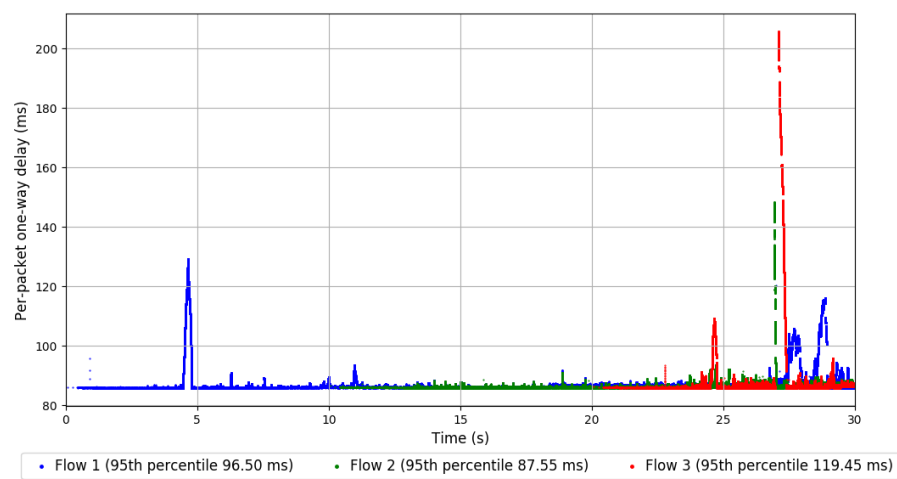
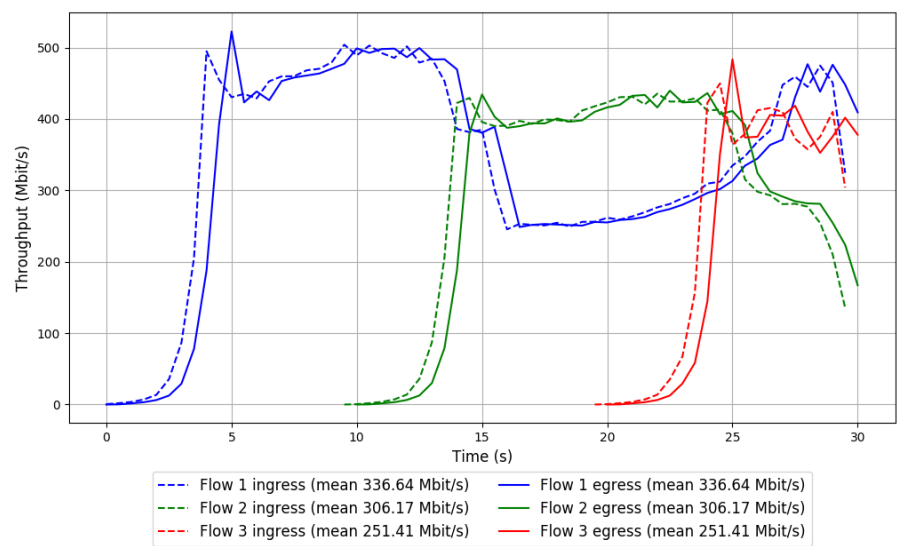


Run 4: Statistics of PCC-Vivace

Start at: 2018-08-09 07:41:28
End at: 2018-08-09 07:41:58
Local clock offset: -0.074 ms
Remote clock offset: -0.003 ms

Below is generated by plot.py at 2018-08-09 13:56:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 623.38 Mbit/s
95th percentile per-packet one-way delay: 92.397 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 336.64 Mbit/s
95th percentile per-packet one-way delay: 96.502 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 306.17 Mbit/s
95th percentile per-packet one-way delay: 87.553 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 251.41 Mbit/s
95th percentile per-packet one-way delay: 119.450 ms
Loss rate: 0.00%

Run 4: Report of PCC-Vivace — Data Link

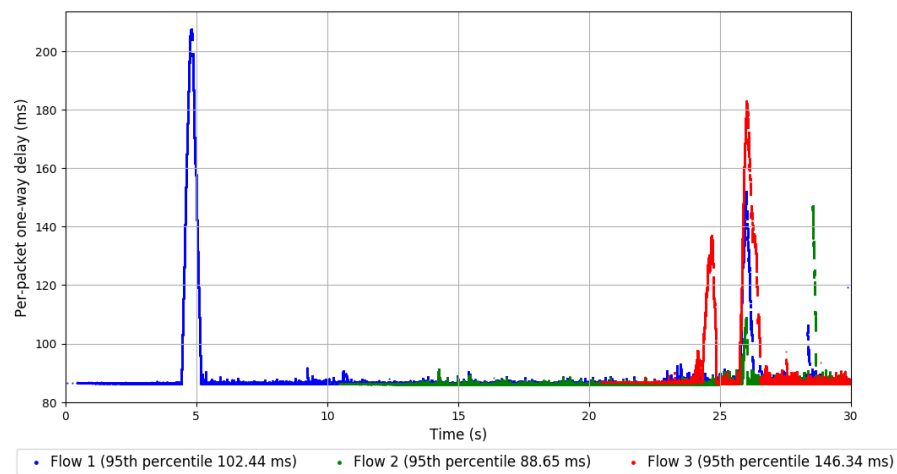
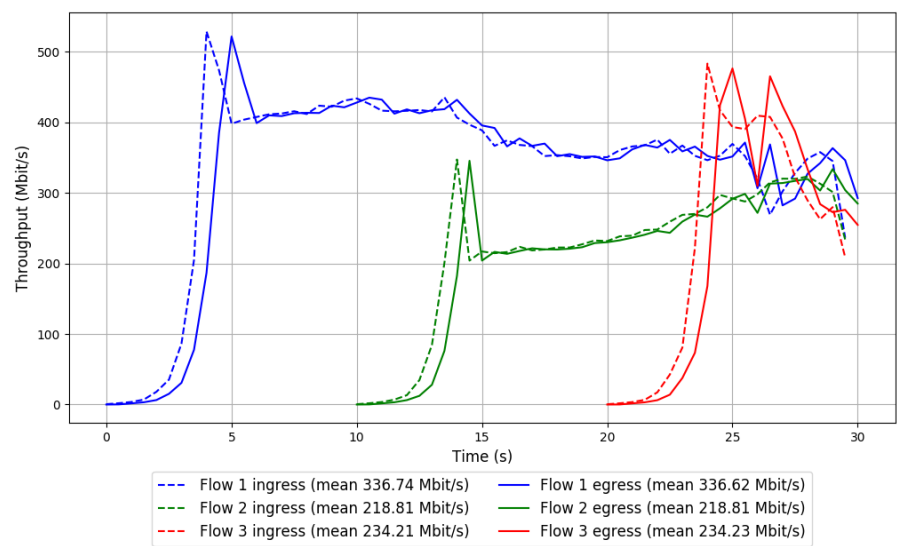


Run 5: Statistics of PCC-Vivace

Start at: 2018-08-09 08:08:53
End at: 2018-08-09 08:09:23
Local clock offset: -0.363 ms
Remote clock offset: -0.048 ms

Below is generated by plot.py at 2018-08-09 13:56:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 559.36 Mbit/s
95th percentile per-packet one-way delay: 117.183 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 336.62 Mbit/s
95th percentile per-packet one-way delay: 102.436 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 218.81 Mbit/s
95th percentile per-packet one-way delay: 88.647 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 234.23 Mbit/s
95th percentile per-packet one-way delay: 146.342 ms
Loss rate: 0.00%

Run 5: Report of PCC-Vivace — Data Link

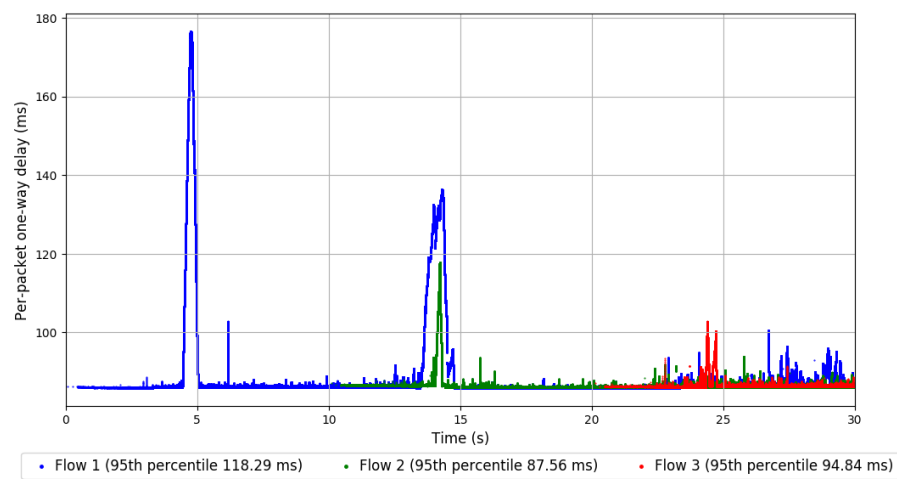
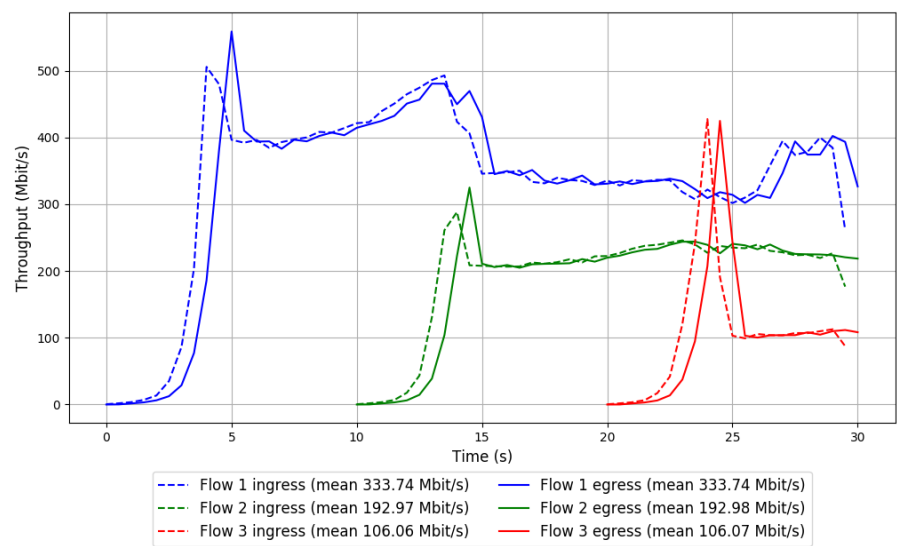


Run 6: Statistics of PCC-Vivace

Start at: 2018-08-09 08:36:14
End at: 2018-08-09 08:36:44
Local clock offset: -0.013 ms
Remote clock offset: -0.031 ms

Below is generated by plot.py at 2018-08-09 13:56:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 497.00 Mbit/s
95th percentile per-packet one-way delay: 100.331 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 333.74 Mbit/s
95th percentile per-packet one-way delay: 118.291 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 192.98 Mbit/s
95th percentile per-packet one-way delay: 87.555 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 106.07 Mbit/s
95th percentile per-packet one-way delay: 94.844 ms
Loss rate: 0.00%

Run 6: Report of PCC-Vivace — Data Link

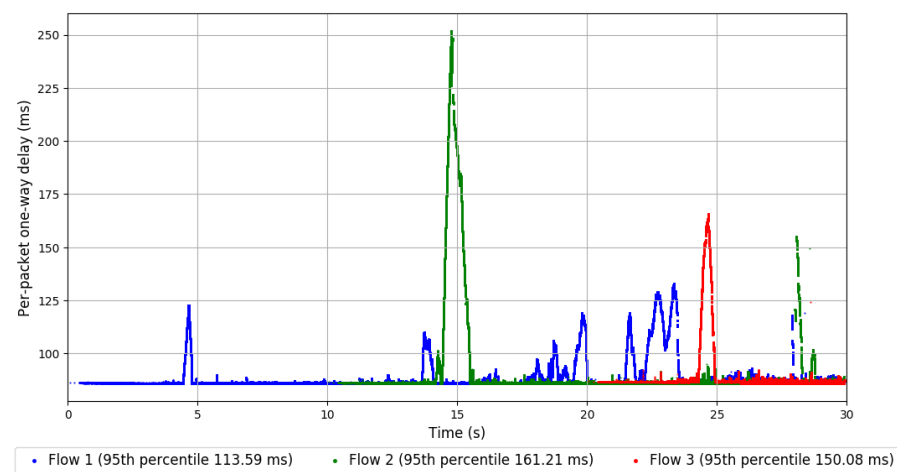
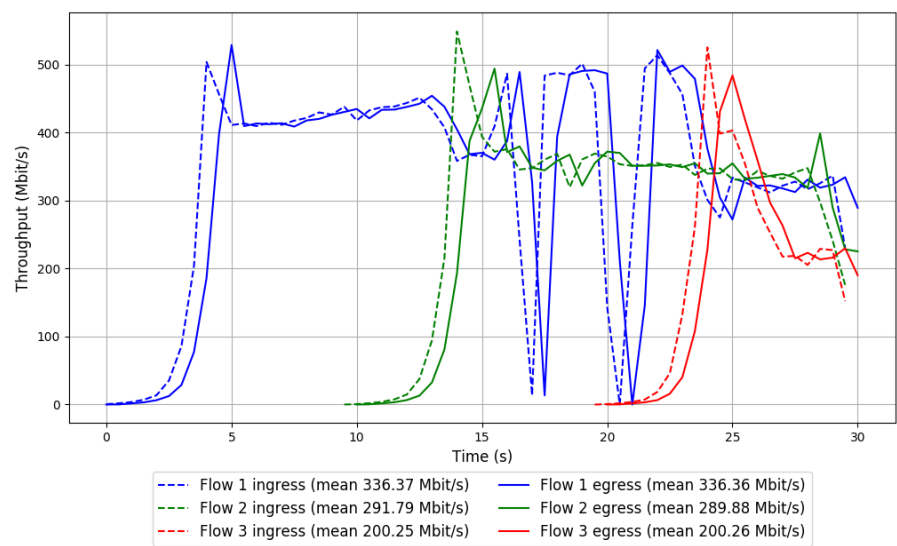


Run 7: Statistics of PCC-Vivace

Start at: 2018-08-09 09:03:22
End at: 2018-08-09 09:03:52
Local clock offset: -0.153 ms
Remote clock offset: -0.015 ms

Below is generated by plot.py at 2018-08-09 13:57:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 595.62 Mbit/s
95th percentile per-packet one-way delay: 121.481 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 336.36 Mbit/s
95th percentile per-packet one-way delay: 113.594 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 289.88 Mbit/s
95th percentile per-packet one-way delay: 161.208 ms
Loss rate: 0.66%
-- Flow 3:
Average throughput: 200.26 Mbit/s
95th percentile per-packet one-way delay: 150.078 ms
Loss rate: 0.00%

Run 7: Report of PCC-Vivace — Data Link

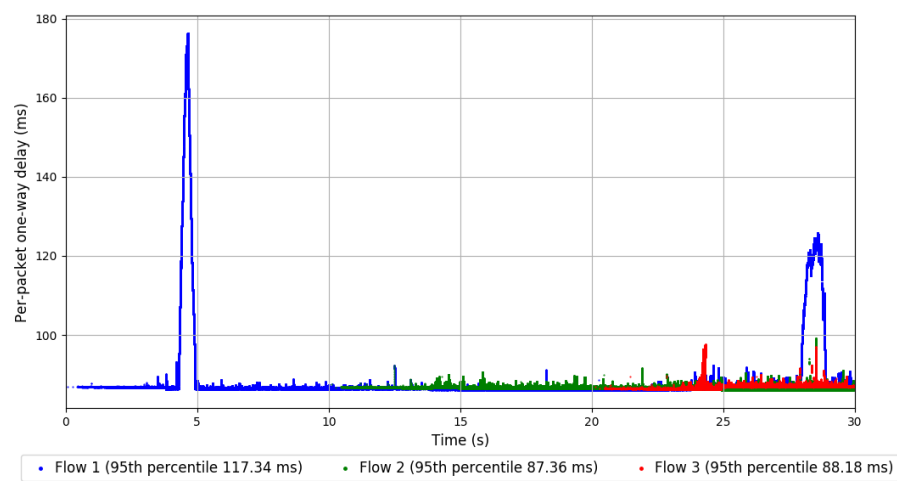
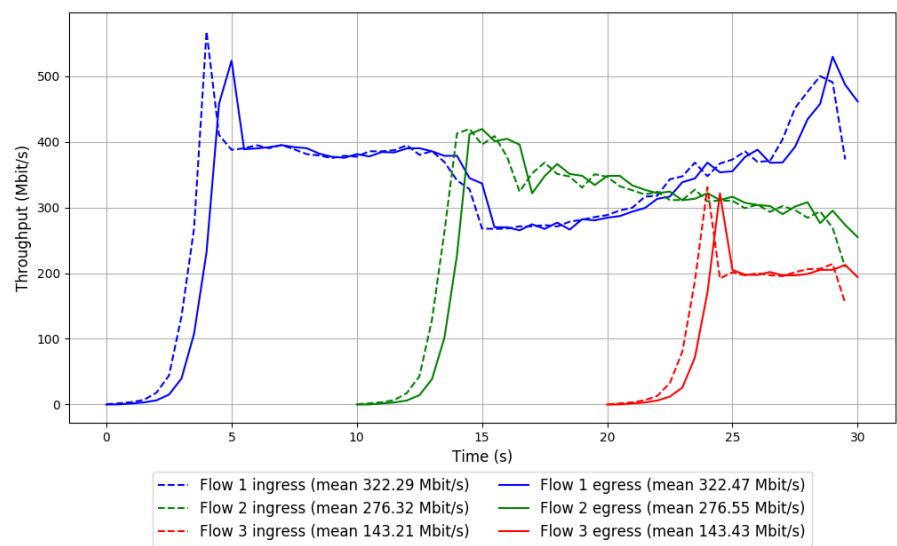


Run 8: Statistics of PCC-Vivace

Start at: 2018-08-09 09:30:33
End at: 2018-08-09 09:31:03
Local clock offset: -0.294 ms
Remote clock offset: -0.016 ms

Below is generated by plot.py at 2018-08-09 13:57:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 553.47 Mbit/s
95th percentile per-packet one-way delay: 91.100 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 322.47 Mbit/s
95th percentile per-packet one-way delay: 117.339 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 276.55 Mbit/s
95th percentile per-packet one-way delay: 87.360 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 143.43 Mbit/s
95th percentile per-packet one-way delay: 88.178 ms
Loss rate: 0.01%

Run 8: Report of PCC-Vivace — Data Link

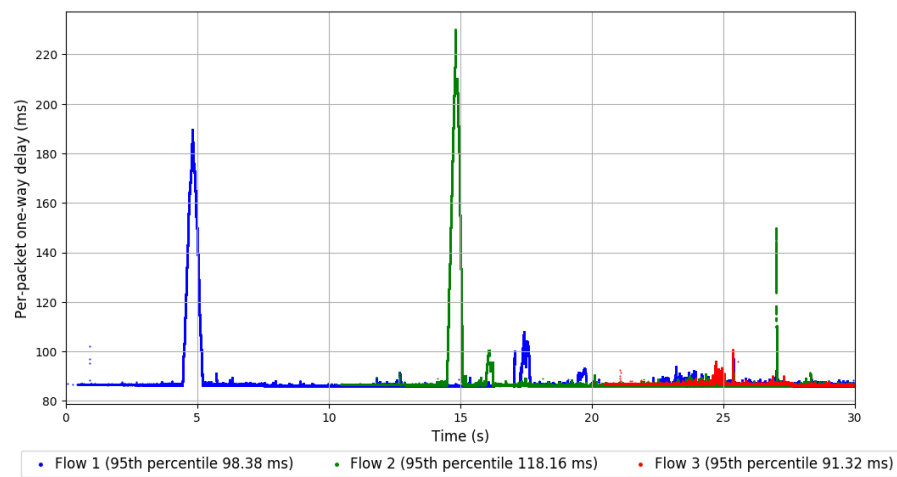
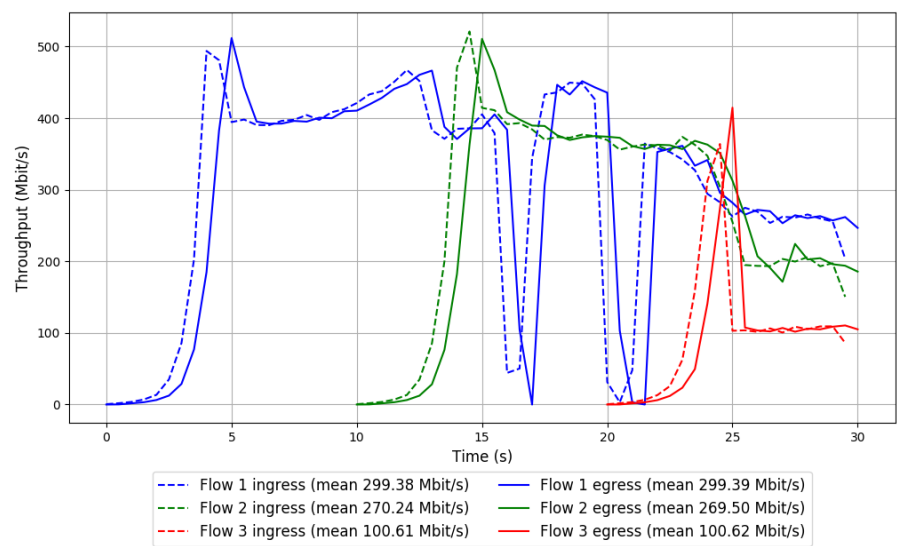


Run 9: Statistics of PCC-Vivace

Start at: 2018-08-09 09:58:00
End at: 2018-08-09 09:58:30
Local clock offset: -0.224 ms
Remote clock offset: -0.044 ms

Below is generated by plot.py at 2018-08-09 13:58:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 511.80 Mbit/s
95th percentile per-packet one-way delay: 99.005 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 299.39 Mbit/s
95th percentile per-packet one-way delay: 98.384 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 269.50 Mbit/s
95th percentile per-packet one-way delay: 118.164 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 100.62 Mbit/s
95th percentile per-packet one-way delay: 91.320 ms
Loss rate: 0.00%

Run 9: Report of PCC-Vivace — Data Link



Run 10: Statistics of PCC-Vivace

Start at: 2018-08-09 10:25:28

End at: 2018-08-09 10:25:58

Local clock offset: -0.305 ms

Remote clock offset: 0.002 ms

Below is generated by plot.py at 2018-08-09 13:58:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 533.09 Mbit/s

95th percentile per-packet one-way delay: 89.376 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 330.69 Mbit/s

95th percentile per-packet one-way delay: 89.103 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 197.32 Mbit/s

95th percentile per-packet one-way delay: 86.898 ms

Loss rate: 0.00%

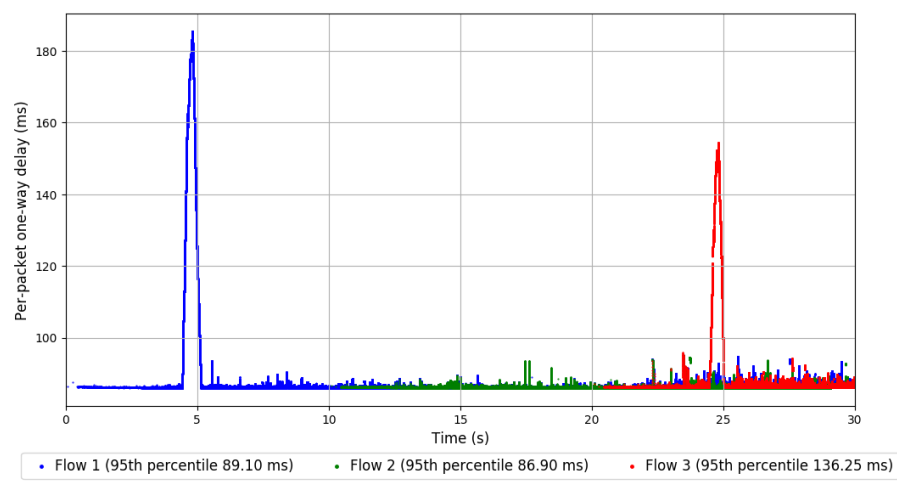
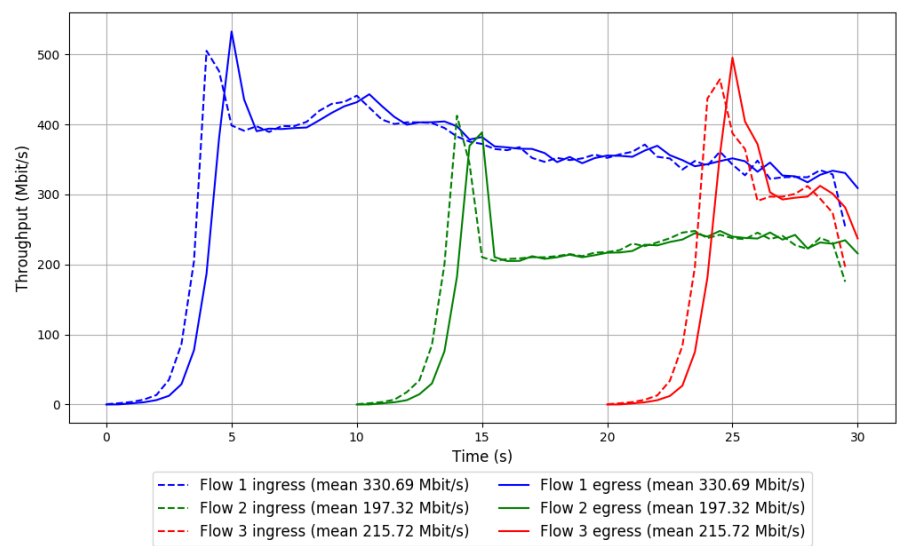
-- Flow 3:

Average throughput: 215.72 Mbit/s

95th percentile per-packet one-way delay: 136.250 ms

Loss rate: 0.00%

Run 10: Report of PCC-Vivace — Data Link

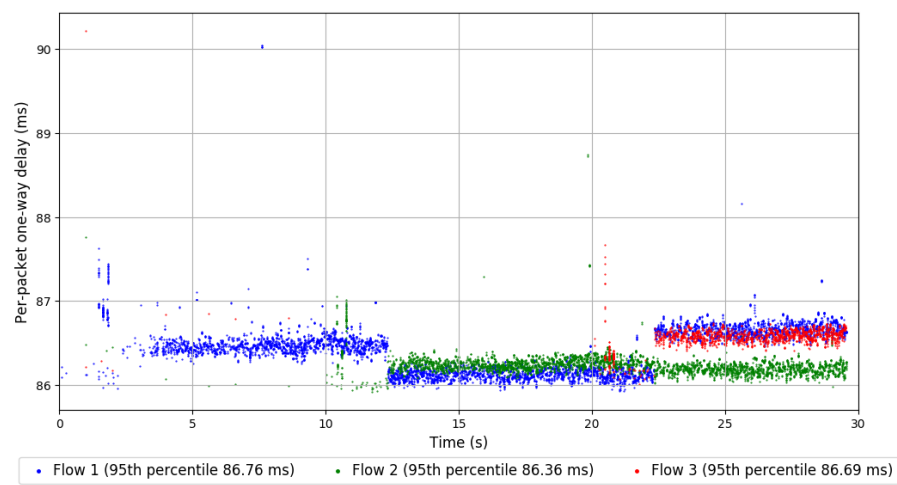
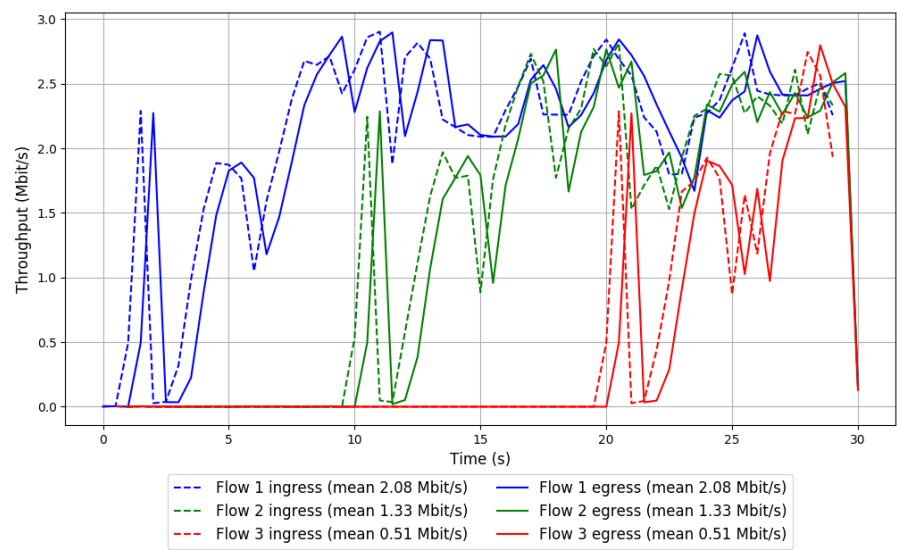


Run 1: Statistics of WebRTC media

Start at: 2018-08-09 06:22:04
End at: 2018-08-09 06:22:34
Local clock offset: -0.217 ms
Remote clock offset: -0.017 ms

Below is generated by plot.py at 2018-08-09 13:58:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.86 Mbit/s
95th percentile per-packet one-way delay: 86.726 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.08 Mbit/s
95th percentile per-packet one-way delay: 86.759 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.33 Mbit/s
95th percentile per-packet one-way delay: 86.362 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 86.691 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2018-08-09 06:49:32

End at: 2018-08-09 06:50:02

Local clock offset: -0.118 ms

Remote clock offset: 0.082 ms

Below is generated by plot.py at 2018-08-09 13:58:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.44 Mbit/s

95th percentile per-packet one-way delay: 86.984 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.91 Mbit/s

95th percentile per-packet one-way delay: 87.017 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.13 Mbit/s

95th percentile per-packet one-way delay: 86.827 ms

Loss rate: 0.00%

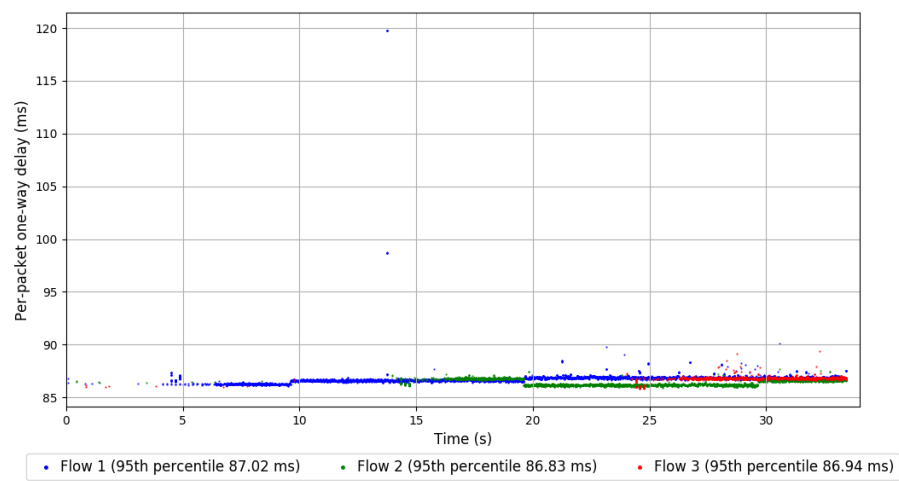
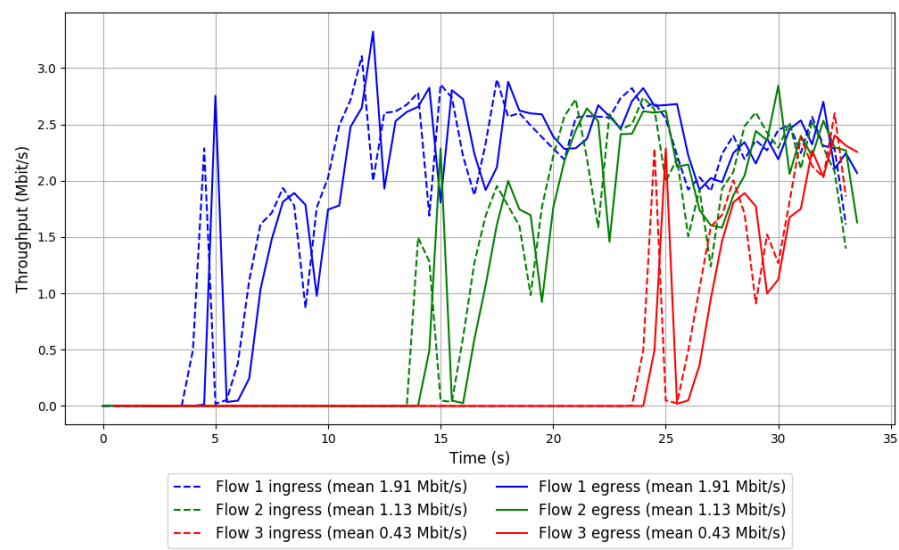
-- Flow 3:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 86.940 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

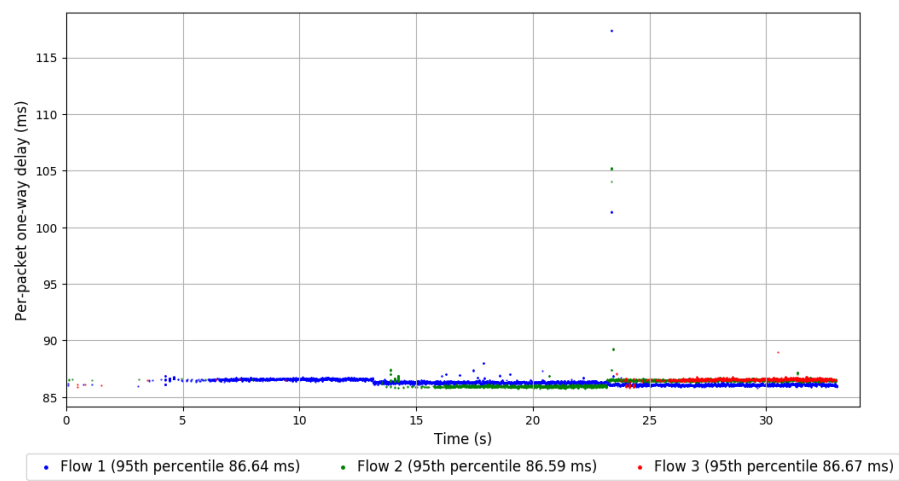
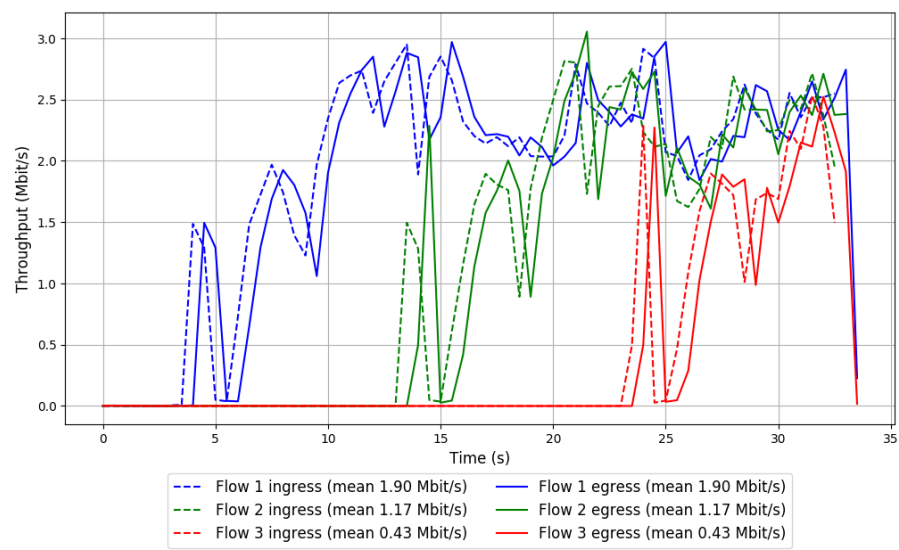


Run 3: Statistics of WebRTC media

Start at: 2018-08-09 07:17:07
End at: 2018-08-09 07:17:37
Local clock offset: -0.081 ms
Remote clock offset: -0.057 ms

Below is generated by plot.py at 2018-08-09 13:58:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.49 Mbit/s
95th percentile per-packet one-way delay: 86.635 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.90 Mbit/s
95th percentile per-packet one-way delay: 86.635 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.17 Mbit/s
95th percentile per-packet one-way delay: 86.590 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 86.667 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

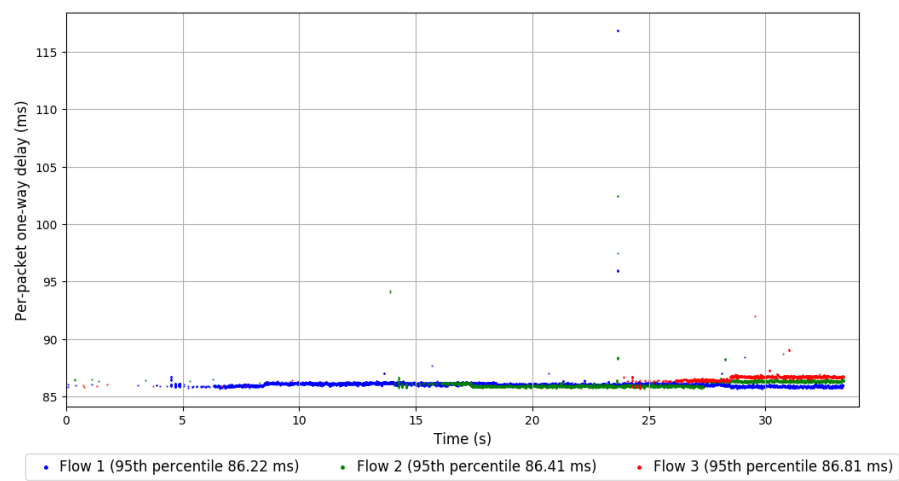
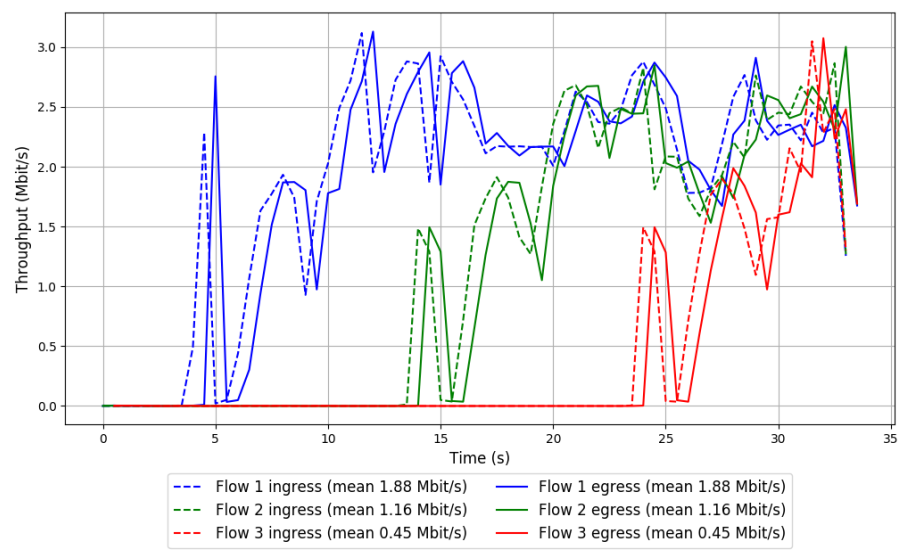


Run 4: Statistics of WebRTC media

Start at: 2018-08-09 07:44:43
End at: 2018-08-09 07:45:13
Local clock offset: 0.037 ms
Remote clock offset: -0.037 ms

Below is generated by plot.py at 2018-08-09 13:58:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.47 Mbit/s
95th percentile per-packet one-way delay: 86.706 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.88 Mbit/s
95th percentile per-packet one-way delay: 86.224 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.16 Mbit/s
95th percentile per-packet one-way delay: 86.406 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 86.814 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

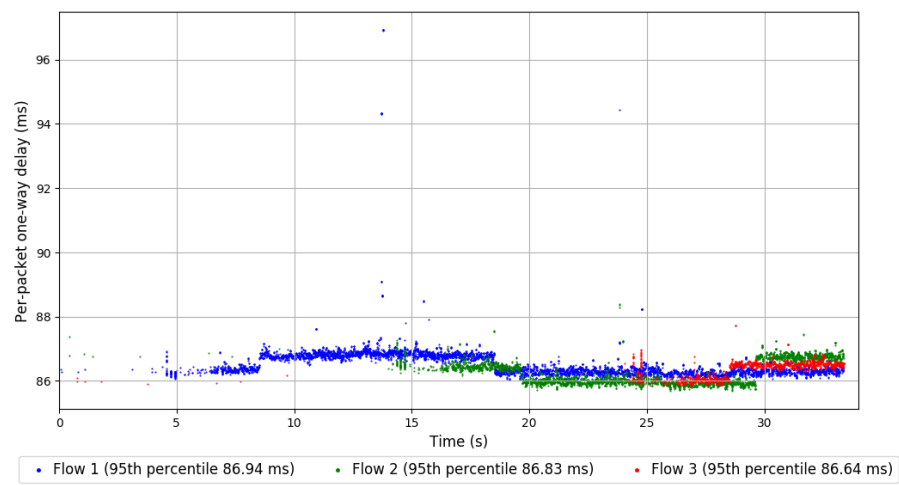
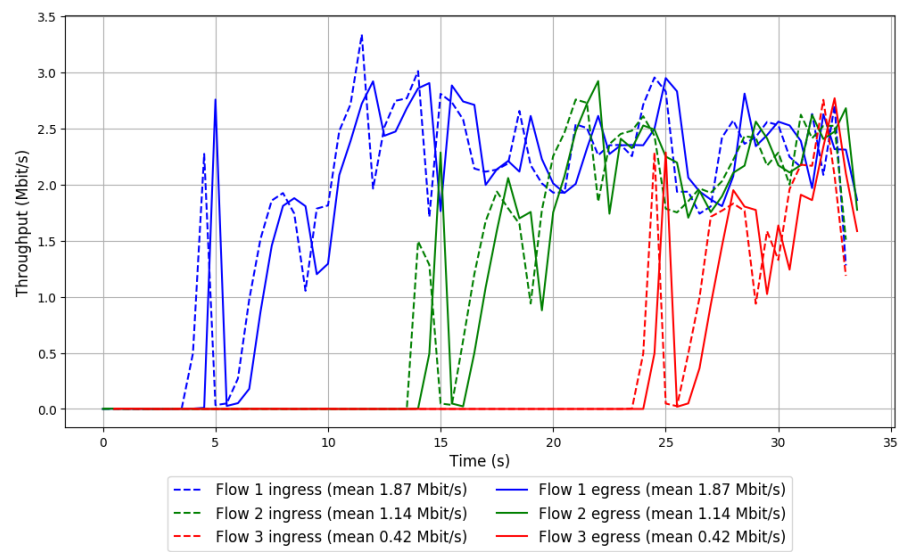


Run 5: Statistics of WebRTC media

Start at: 2018-08-09 08:12:02
End at: 2018-08-09 08:12:32
Local clock offset: -0.002 ms
Remote clock offset: -0.082 ms

Below is generated by plot.py at 2018-08-09 13:58:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.41 Mbit/s
95th percentile per-packet one-way delay: 86.904 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.87 Mbit/s
95th percentile per-packet one-way delay: 86.943 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.14 Mbit/s
95th percentile per-packet one-way delay: 86.835 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 86.637 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

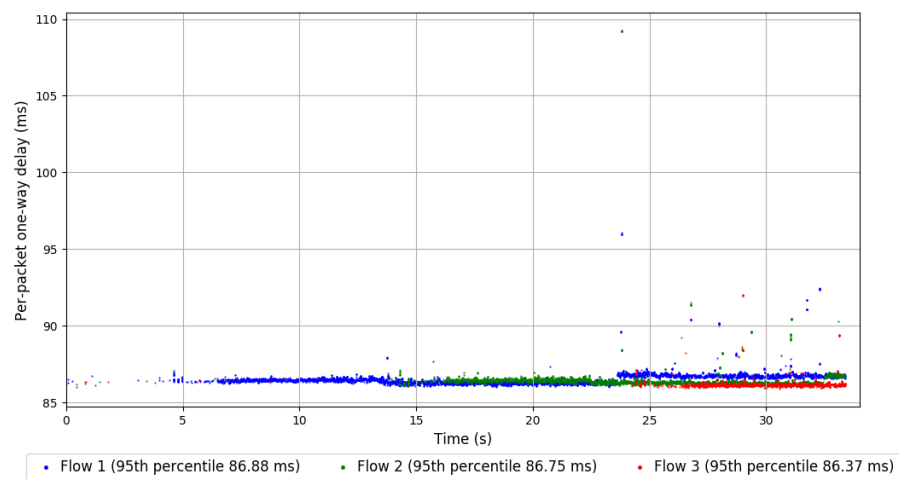
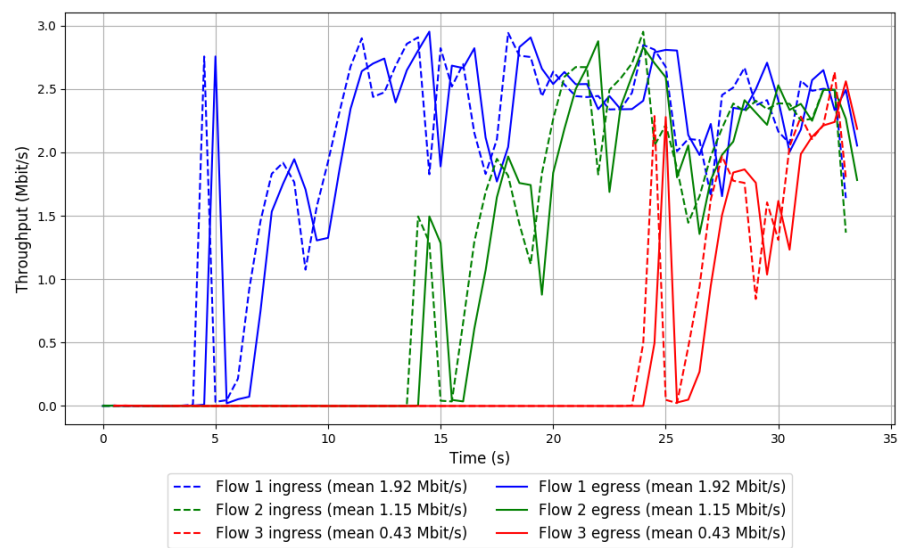


Run 6: Statistics of WebRTC media

Start at: 2018-08-09 08:39:18
End at: 2018-08-09 08:39:48
Local clock offset: -0.149 ms
Remote clock offset: -0.039 ms

Below is generated by plot.py at 2018-08-09 13:58:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.48 Mbit/s
95th percentile per-packet one-way delay: 86.845 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.92 Mbit/s
95th percentile per-packet one-way delay: 86.878 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.15 Mbit/s
95th percentile per-packet one-way delay: 86.755 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 86.366 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2018-08-09 09:06:32

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

Local clock offset: -0.103 ms

Remote clock offset: 0.001 ms

Below is generated by plot.py at 2018-08-09 13:58:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.49 Mbit/s

95th percentile per-packet one-way delay: 86.712 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.90 Mbit/s

95th percentile per-packet one-way delay: 86.369 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.16 Mbit/s

95th percentile per-packet one-way delay: 86.784 ms

Loss rate: 0.00%

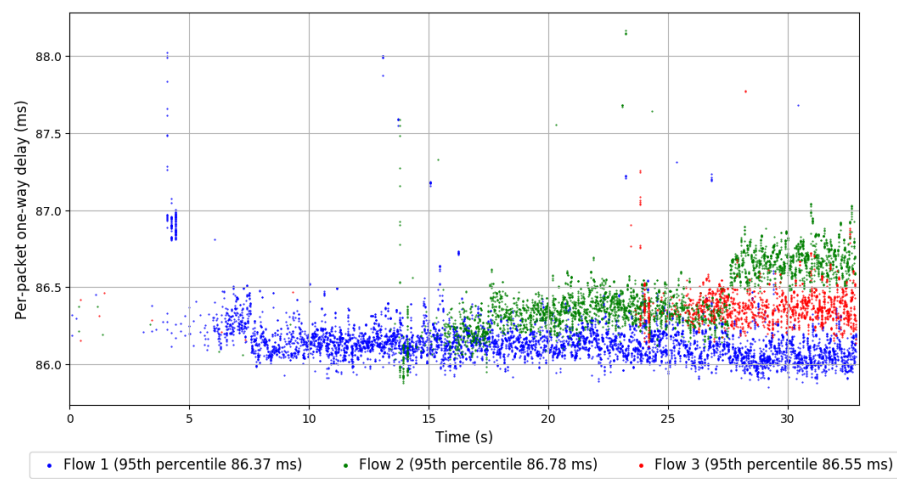
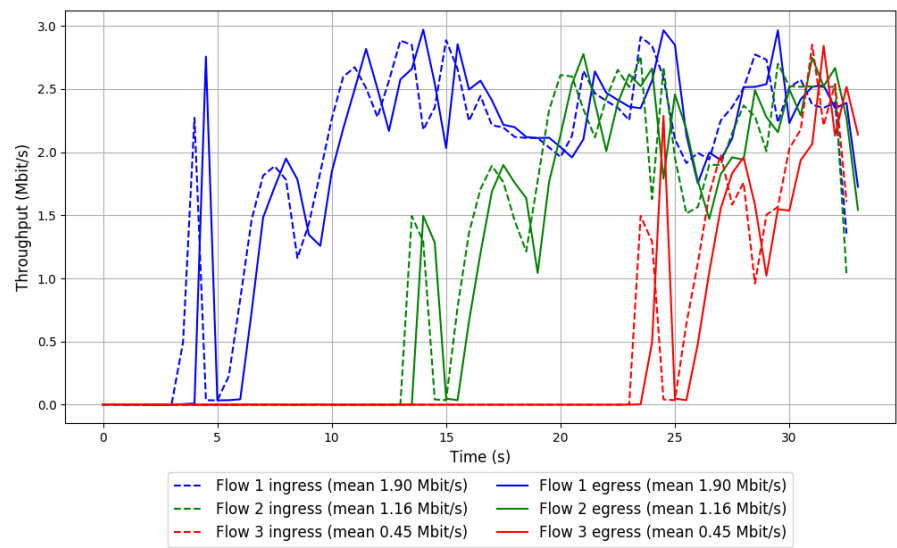
-- Flow 3:

Average throughput: 0.45 Mbit/s

95th percentile per-packet one-way delay: 86.548 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

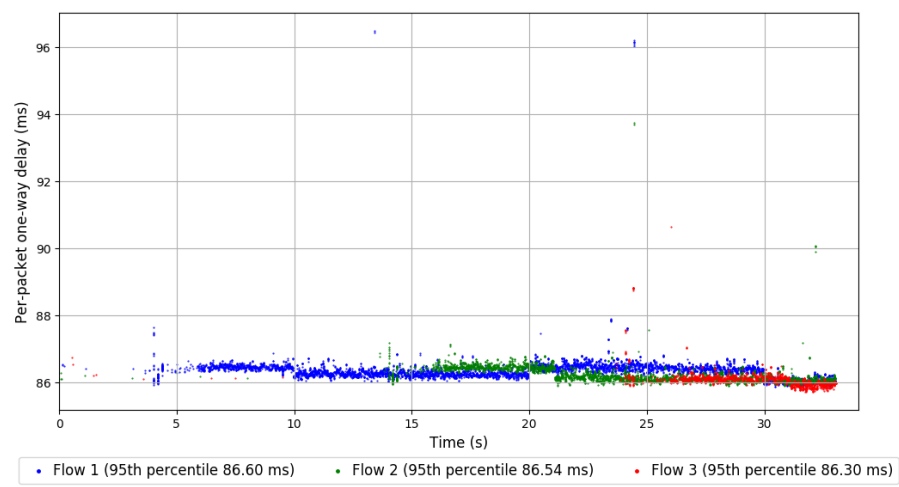
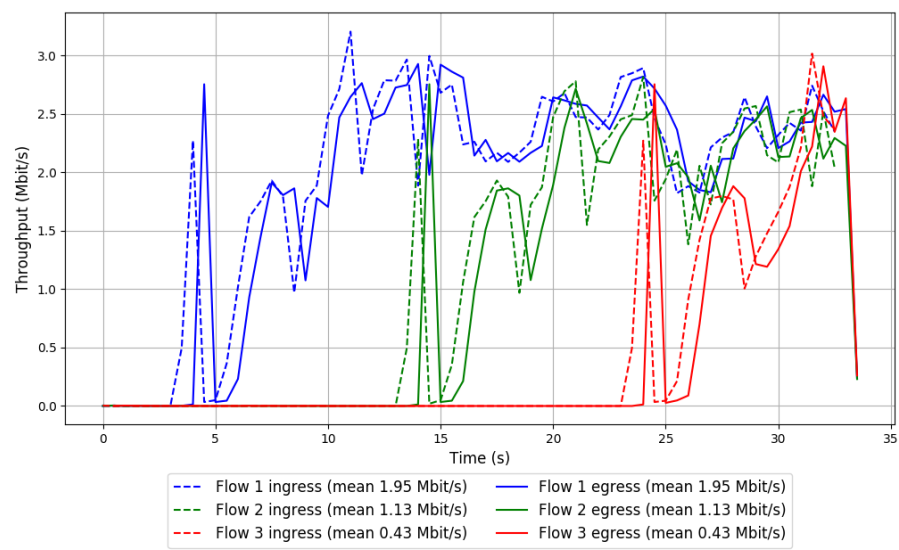


Run 8: Statistics of WebRTC media

Start at: 2018-08-09 09:33:40
End at: 2018-08-09 09:34:10
Local clock offset: -0.014 ms
Remote clock offset: -0.029 ms

```
# Below is generated by plot.py at 2018-08-09 13:58:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.50 Mbit/s
95th percentile per-packet one-way delay: 86.574 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.95 Mbit/s
95th percentile per-packet one-way delay: 86.602 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.13 Mbit/s
95th percentile per-packet one-way delay: 86.544 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 86.296 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

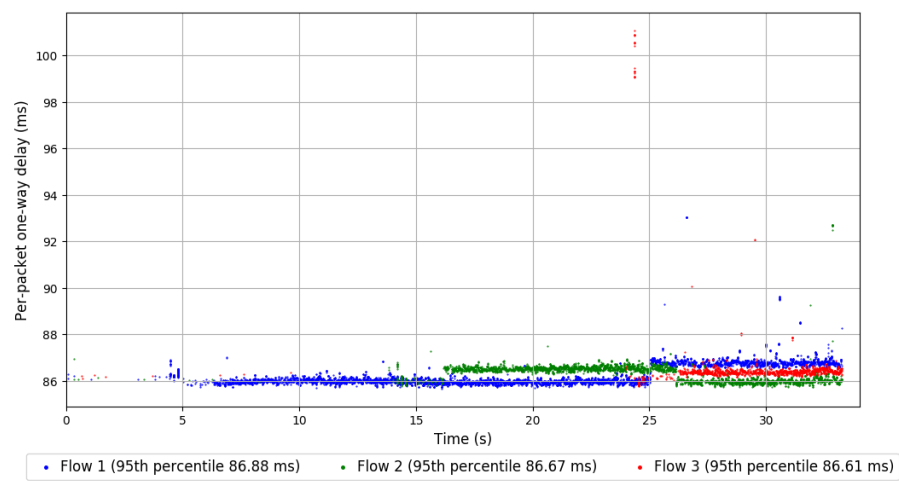
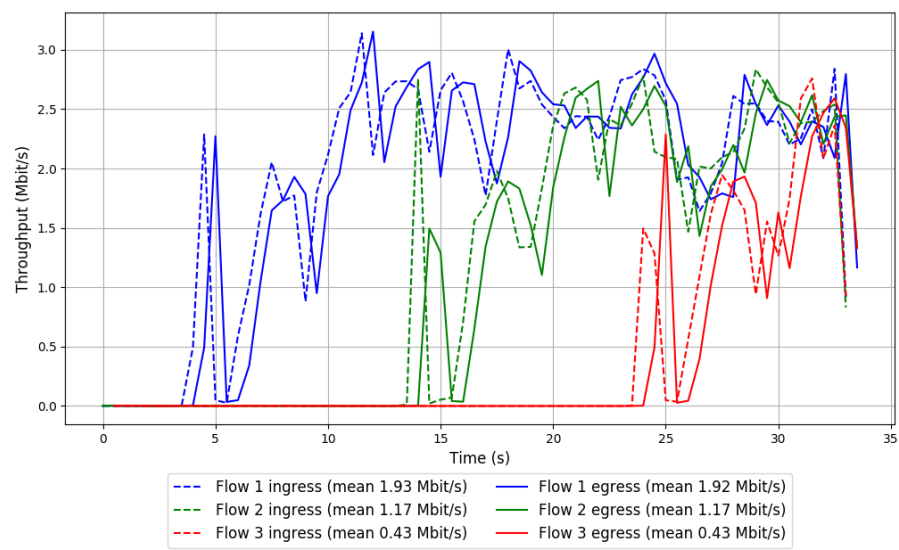


Run 9: Statistics of WebRTC media

Start at: 2018-08-09 10:01:05
End at: 2018-08-09 10:01:35
Local clock offset: 0.051 ms
Remote clock offset: -0.052 ms

Below is generated by plot.py at 2018-08-09 13:58:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.50 Mbit/s
95th percentile per-packet one-way delay: 86.841 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 1.92 Mbit/s
95th percentile per-packet one-way delay: 86.882 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 1.17 Mbit/s
95th percentile per-packet one-way delay: 86.668 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 86.609 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-08-09 10:28:35
End at: 2018-08-09 10:29:05
Local clock offset: -0.07 ms
Remote clock offset: -0.042 ms

Below is generated by plot.py at 2018-08-09 13:58:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.48 Mbit/s
95th percentile per-packet one-way delay: 86.605 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 86.408 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.16 Mbit/s
95th percentile per-packet one-way delay: 86.674 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 86.337 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

