

Pantheon Report

Generated at 2018-07-18 12:42:38 (UTC).

Data path: Brazil Ethernet (*remote*) → AWS Brazil 1 Ethernet (*local*).

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.

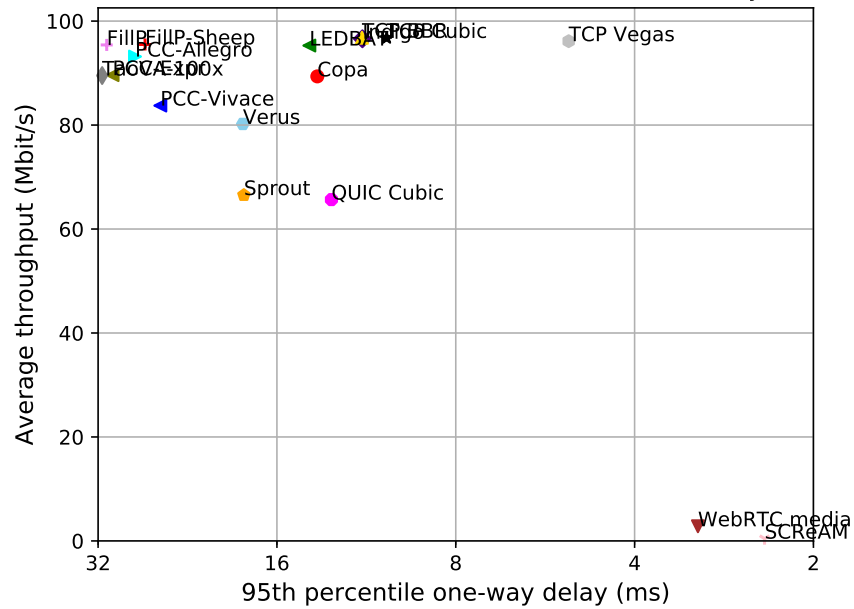
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

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

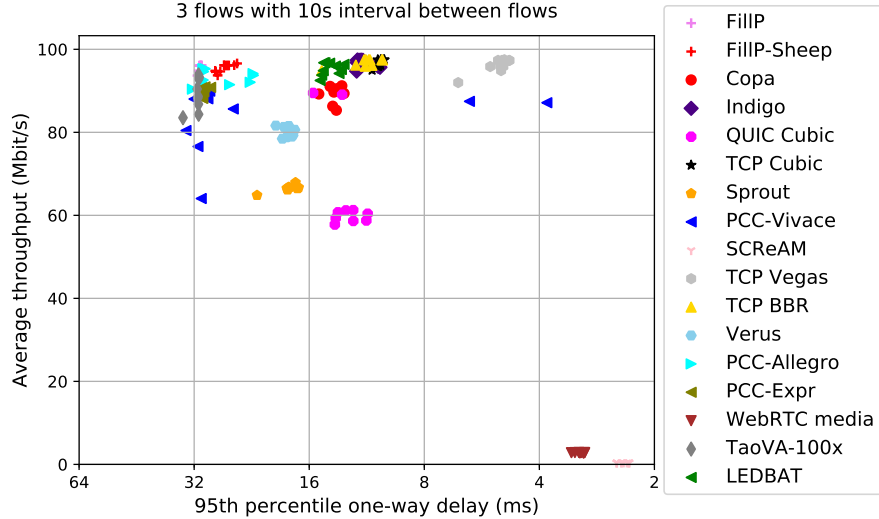
Git summary:

```
branch: master @ f7befc2d8410f41949e0ad8143a9aab40bab7edb
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 Brazil to AWS Brazil 1, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows (mean of all runs by scheme)



test from Brazil to AWS Brazil 1, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows



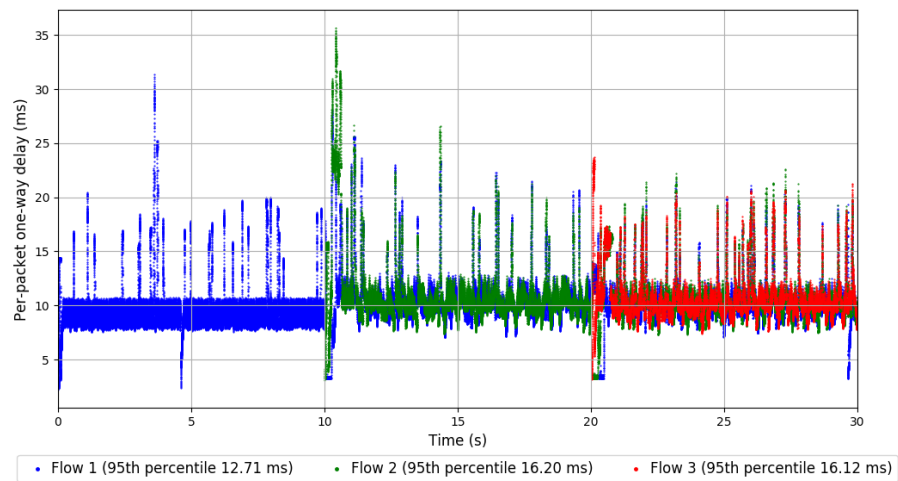
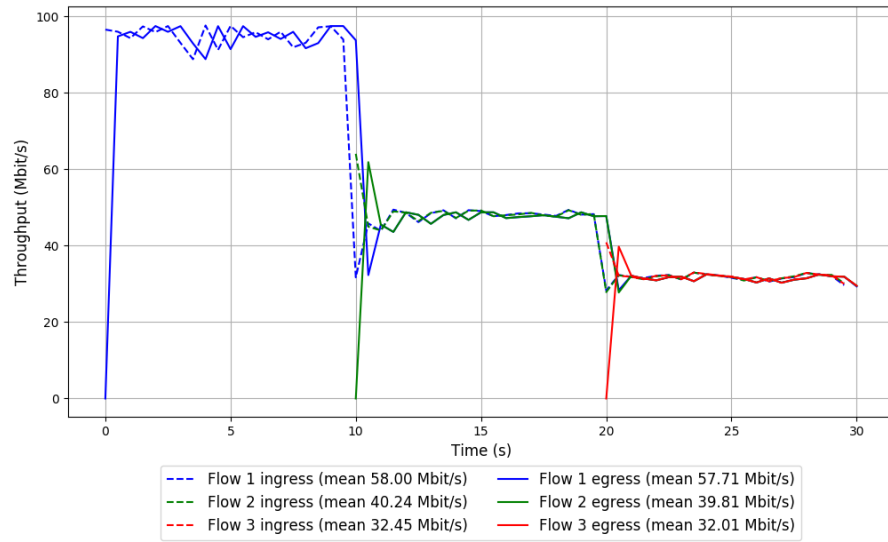
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	58.84	40.64	32.79	11.03	12.62	12.93	0.34	0.70	0.75
Copa	10	53.14	38.77	31.34	12.54	14.45	15.35	0.03	0.07	0.17
TCP Cubic	10	59.16	40.37	32.29	10.41	10.42	10.65	0.08	0.14	0.25
FillP	10	59.14	39.24	30.67	29.99	31.06	32.31	1.42	3.30	3.50
FillP-Sheep	10	58.79	39.25	31.95	25.16	28.34	27.13	1.20	1.53	1.14
Indigo	10	59.17	40.35	32.21	9.82	12.19	10.96	0.03	1.25	1.02
LEDBAT	10	58.29	39.99	31.26	13.77	14.50	13.95	0.12	0.22	0.39
PCC-Allegro	10	62.39	36.57	19.71	26.45	24.25	10.10	4.08	2.40	0.12
PCC-Expr	10	54.52	37.65	30.45	27.68	29.61	31.01	0.30	0.59	0.59
QUIC Cubic	10	11.48	60.89	44.04	4.84	12.80	13.32	0.03	0.16	0.34
SCReAM	10	0.22	0.22	0.22	2.42	2.41	2.42	0.00	0.00	0.21
Sprout	10	34.55	33.05	30.35	16.33	18.22	20.94	0.07	0.09	0.17
TaoVA-100x	10	52.41	38.99	33.54	31.05	31.66	33.16	0.27	0.55	1.42
TCP Vegas	10	50.76	49.99	36.39	4.05	5.11	6.05	0.01	0.02	0.07
Verus	10	47.35	34.56	29.69	15.77	19.39	24.46	0.03	0.05	0.15
PCC-Vivace	10	52.92	33.58	25.75	22.66	18.57	22.67	0.58	0.22	0.84
WebRTC media	10	1.53	0.86	0.43	3.06	3.07	3.36	0.02	0.00	0.00

Run 1: Statistics of TCP BBR

Start at: 2018-07-18 09:16:03
End at: 2018-07-18 09:16:33
Local clock offset: -5.736 ms
Remote clock offset: -8.175 ms

Below is generated by plot.py at 2018-07-18 12:19:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.85 Mbit/s
95th percentile per-packet one-way delay: 14.846 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 57.71 Mbit/s
95th percentile per-packet one-way delay: 12.707 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 39.81 Mbit/s
95th percentile per-packet one-way delay: 16.205 ms
Loss rate: 1.11%
-- Flow 3:
Average throughput: 32.01 Mbit/s
95th percentile per-packet one-way delay: 16.125 ms
Loss rate: 1.39%

Run 1: Report of TCP BBR — Data Link

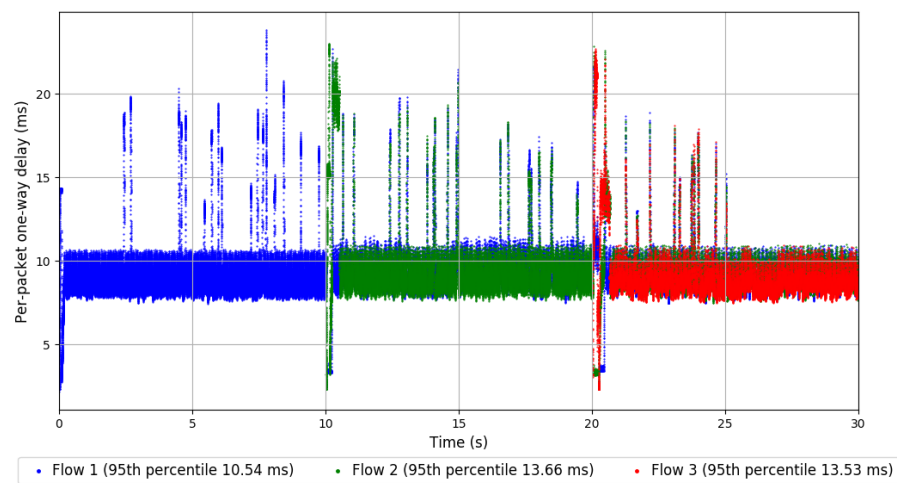
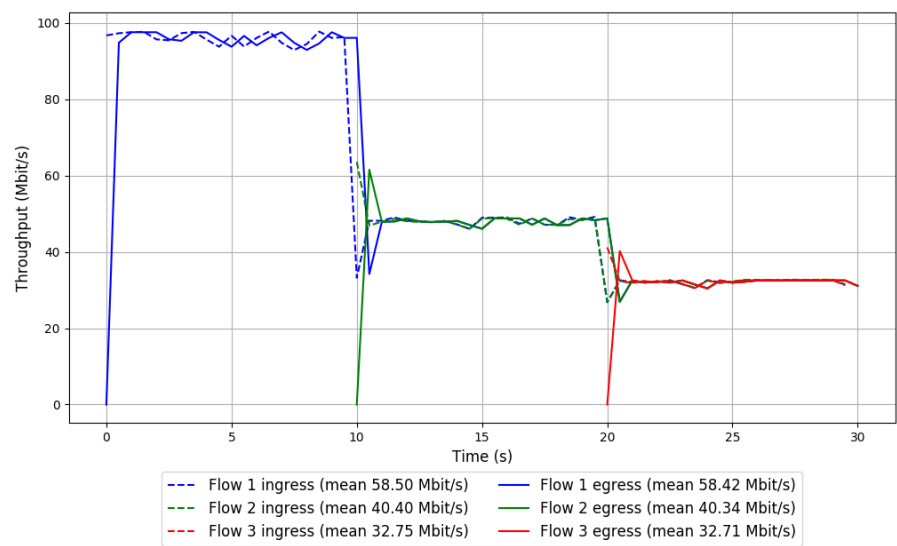


Run 2: Statistics of TCP BBR

Start at: 2018-07-18 09:35:12
End at: 2018-07-18 09:35:42
Local clock offset: -5.675 ms
Remote clock offset: -7.788 ms

Below is generated by plot.py at 2018-07-18 12:19:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.14 Mbit/s
95th percentile per-packet one-way delay: 10.966 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 58.42 Mbit/s
95th percentile per-packet one-way delay: 10.540 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 40.34 Mbit/s
95th percentile per-packet one-way delay: 13.661 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 32.71 Mbit/s
95th percentile per-packet one-way delay: 13.527 ms
Loss rate: 0.17%

Run 2: Report of TCP BBR — Data Link

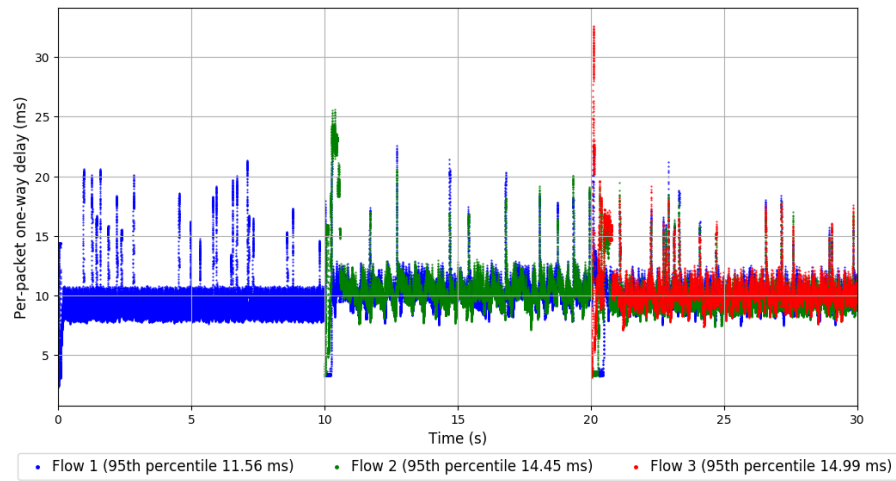
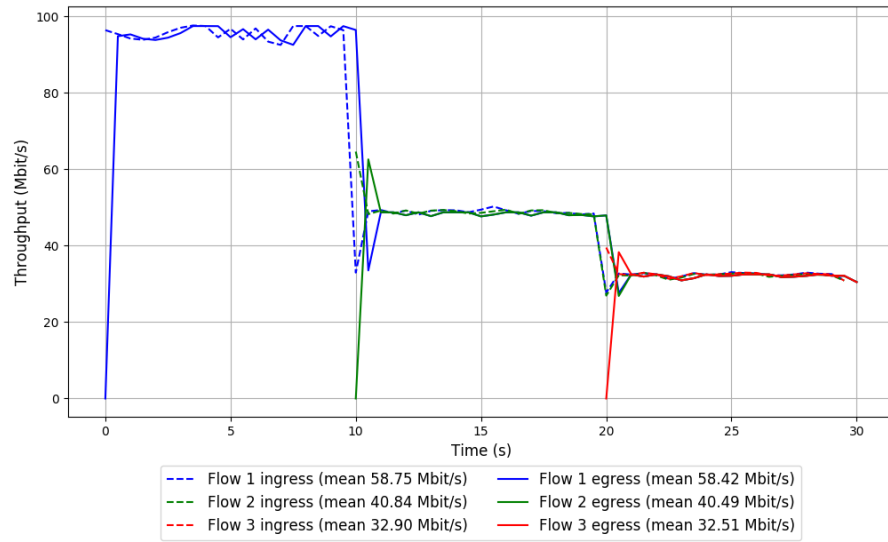


Run 3: Statistics of TCP BBR

Start at: 2018-07-18 09:54:20
End at: 2018-07-18 09:54:50
Local clock offset: -5.602 ms
Remote clock offset: -7.141 ms

Below is generated by plot.py at 2018-07-18 12:19:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.19 Mbit/s
95th percentile per-packet one-way delay: 12.085 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 58.42 Mbit/s
95th percentile per-packet one-way delay: 11.557 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 40.49 Mbit/s
95th percentile per-packet one-way delay: 14.454 ms
Loss rate: 0.89%
-- Flow 3:
Average throughput: 32.51 Mbit/s
95th percentile per-packet one-way delay: 14.986 ms
Loss rate: 1.25%

Run 3: Report of TCP BBR — Data Link

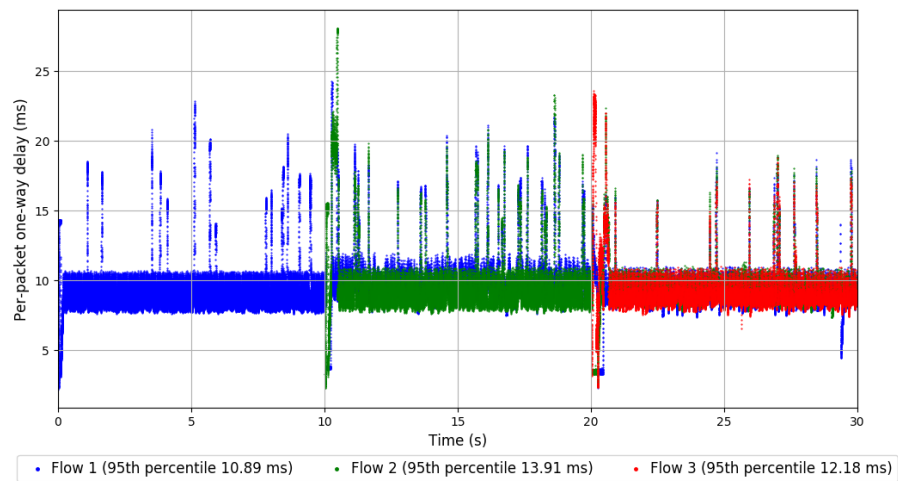
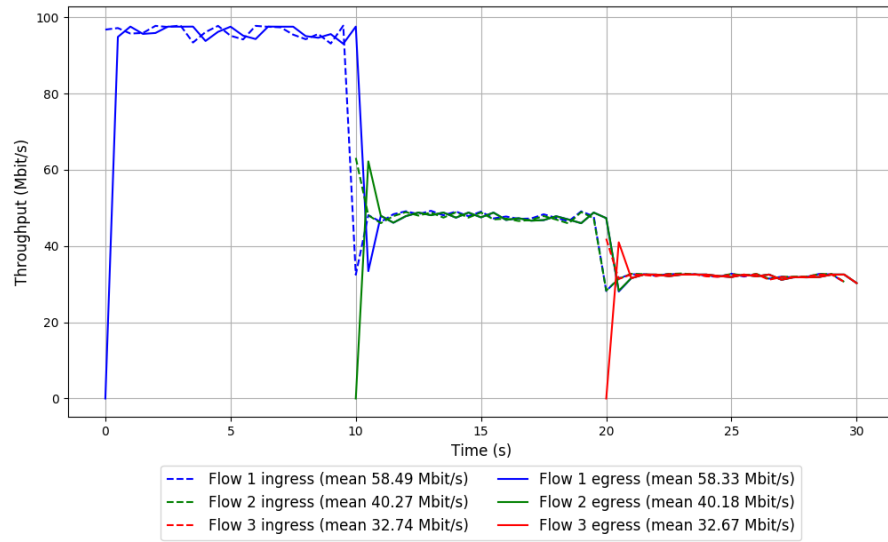


Run 4: Statistics of TCP BBR

Start at: 2018-07-18 10:13:29
End at: 2018-07-18 10:13:59
Local clock offset: -5.915 ms
Remote clock offset: -6.663 ms

Below is generated by plot.py at 2018-07-18 12:19:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.93 Mbit/s
95th percentile per-packet one-way delay: 11.416 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 58.33 Mbit/s
95th percentile per-packet one-way delay: 10.893 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 40.18 Mbit/s
95th percentile per-packet one-way delay: 13.913 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 32.67 Mbit/s
95th percentile per-packet one-way delay: 12.180 ms
Loss rate: 0.25%

Run 4: Report of TCP BBR — Data Link

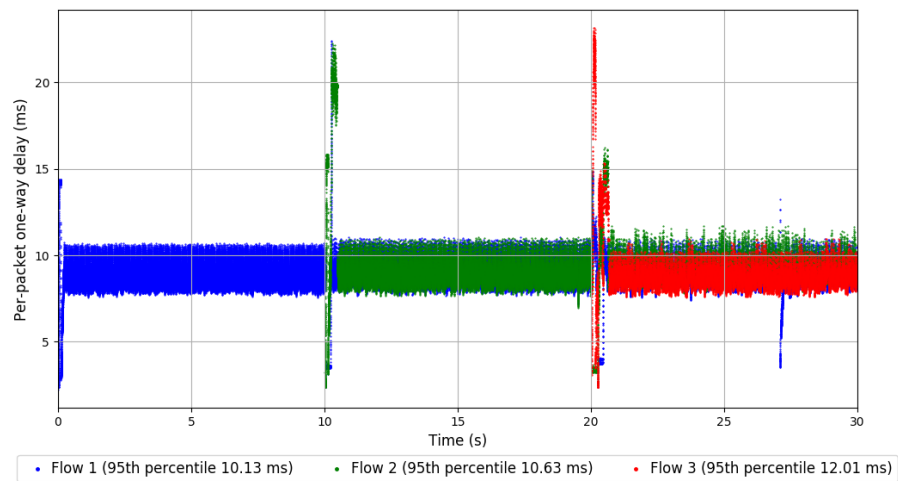
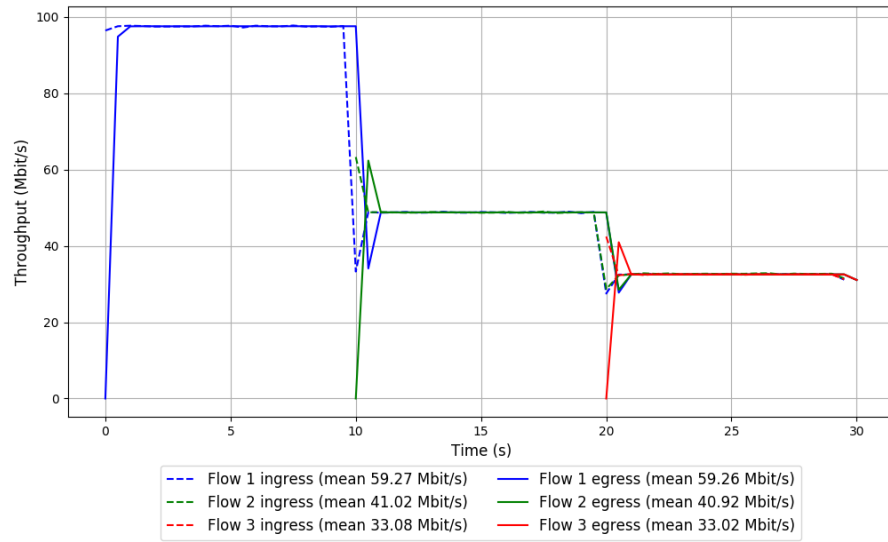


Run 5: Statistics of TCP BBR

Start at: 2018-07-18 10:32:39
End at: 2018-07-18 10:33:09
Local clock offset: -6.151 ms
Remote clock offset: -6.581 ms

Below is generated by plot.py at 2018-07-18 12:19:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 10.289 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 59.26 Mbit/s
95th percentile per-packet one-way delay: 10.134 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 40.92 Mbit/s
95th percentile per-packet one-way delay: 10.630 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 33.02 Mbit/s
95th percentile per-packet one-way delay: 12.008 ms
Loss rate: 0.24%

Run 5: Report of TCP BBR — Data Link

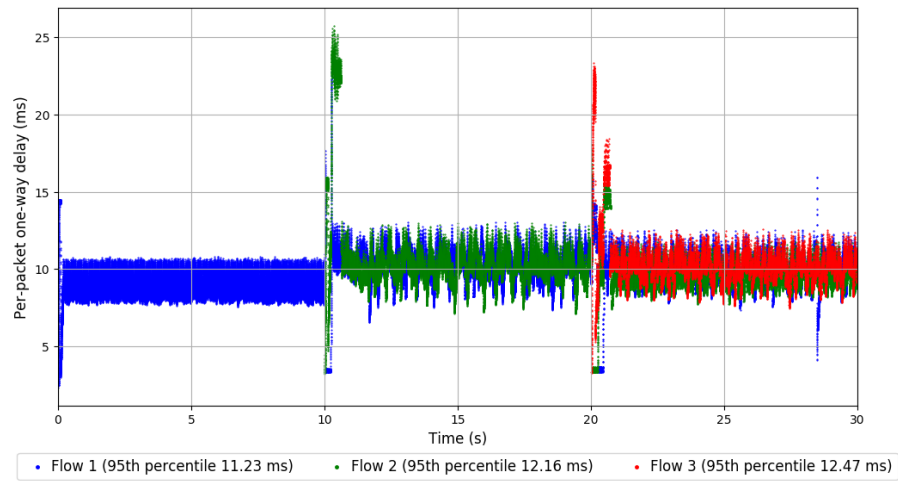
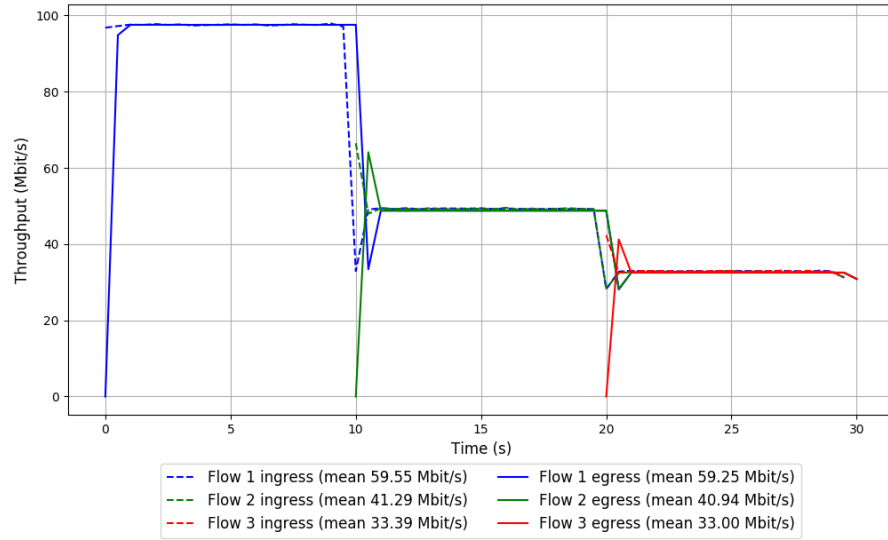


Run 6: Statistics of TCP BBR

Start at: 2018-07-18 10:51:50
End at: 2018-07-18 10:52:20
Local clock offset: -6.237 ms
Remote clock offset: -6.553 ms

Below is generated by plot.py at 2018-07-18 12:19:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 11.487 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 59.25 Mbit/s
95th percentile per-packet one-way delay: 11.226 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 40.94 Mbit/s
95th percentile per-packet one-way delay: 12.163 ms
Loss rate: 0.88%
-- Flow 3:
Average throughput: 33.00 Mbit/s
95th percentile per-packet one-way delay: 12.466 ms
Loss rate: 1.23%

Run 6: Report of TCP BBR — Data Link

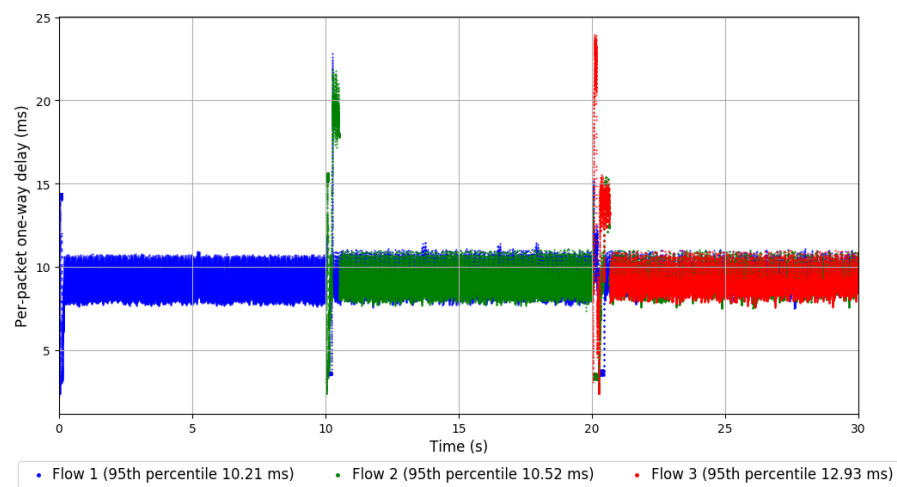
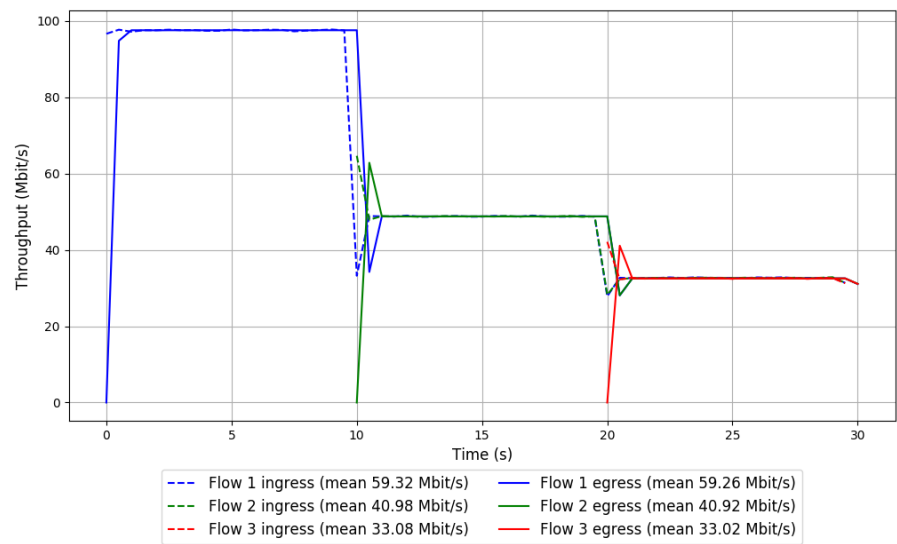


Run 7: Statistics of TCP BBR

Start at: 2018-07-18 11:11:01
End at: 2018-07-18 11:11:31
Local clock offset: -5.845 ms
Remote clock offset: -7.397 ms

Below is generated by plot.py at 2018-07-18 12:19:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 10.330 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 59.26 Mbit/s
95th percentile per-packet one-way delay: 10.208 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.92 Mbit/s
95th percentile per-packet one-way delay: 10.518 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 33.02 Mbit/s
95th percentile per-packet one-way delay: 12.932 ms
Loss rate: 0.24%

Run 7: Report of TCP BBR — Data Link

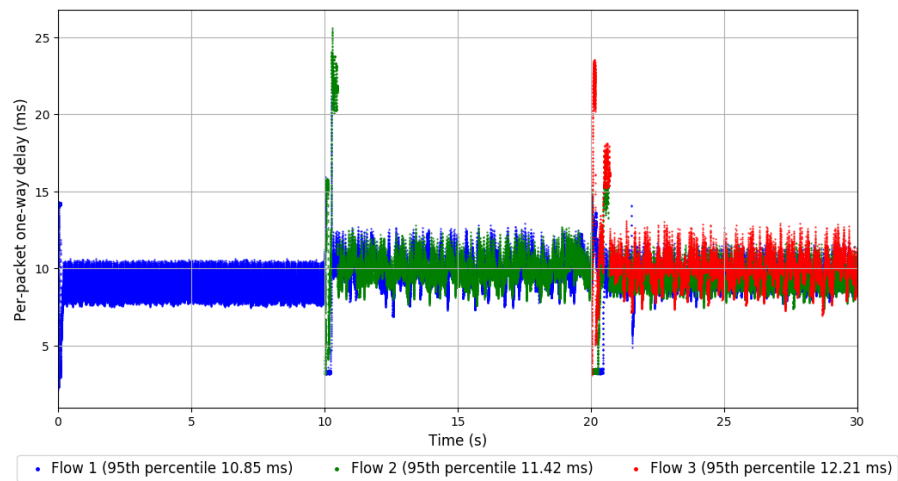
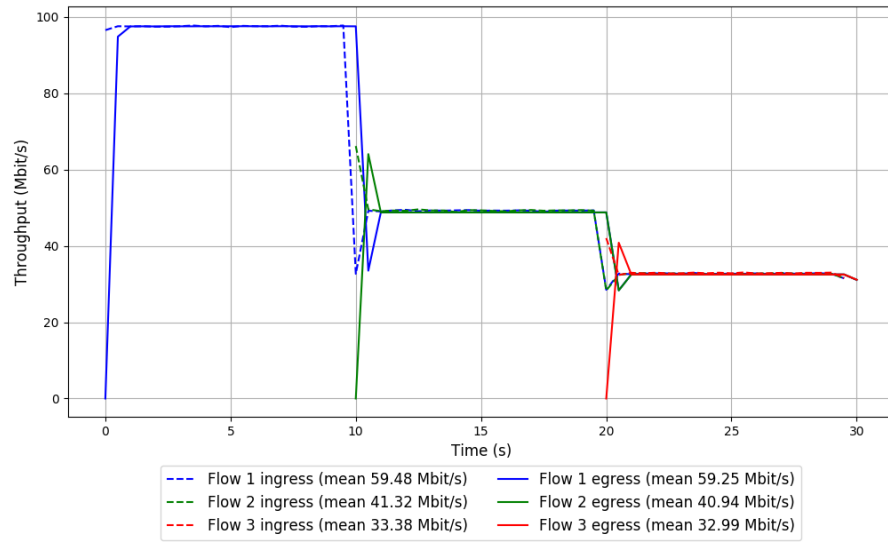


Run 8: Statistics of TCP BBR

Start at: 2018-07-18 11:30:11
End at: 2018-07-18 11:30:41
Local clock offset: -5.762 ms
Remote clock offset: -7.208 ms

Below is generated by plot.py at 2018-07-18 12:19:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 11.181 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 59.25 Mbit/s
95th percentile per-packet one-way delay: 10.853 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 40.94 Mbit/s
95th percentile per-packet one-way delay: 11.422 ms
Loss rate: 0.95%
-- Flow 3:
Average throughput: 32.99 Mbit/s
95th percentile per-packet one-way delay: 12.205 ms
Loss rate: 1.21%

Run 8: Report of TCP BBR — Data Link

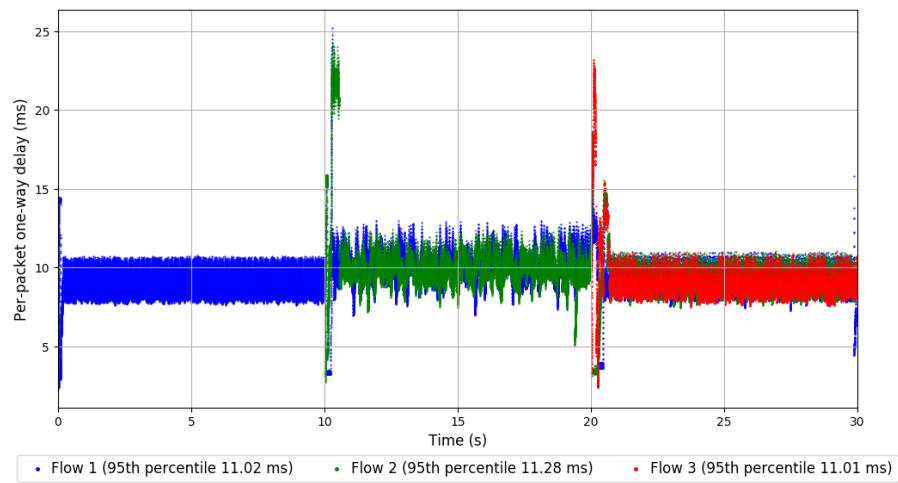
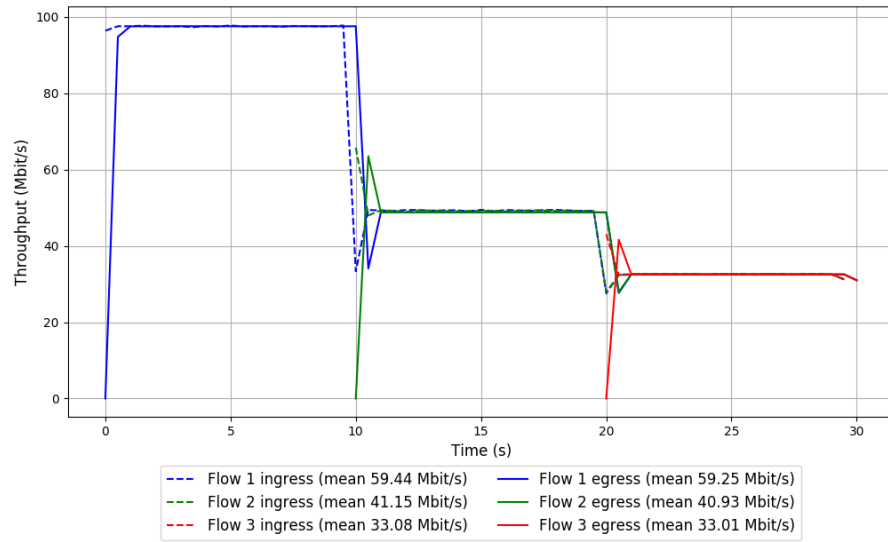


Run 9: Statistics of TCP BBR

Start at: 2018-07-18 11:49:22
End at: 2018-07-18 11:49:52
Local clock offset: -5.57 ms
Remote clock offset: -6.194 ms

Below is generated by plot.py at 2018-07-18 12:20:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 11.099 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 59.25 Mbit/s
95th percentile per-packet one-way delay: 11.022 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 40.93 Mbit/s
95th percentile per-packet one-way delay: 11.277 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 33.01 Mbit/s
95th percentile per-packet one-way delay: 11.013 ms
Loss rate: 0.27%

Run 9: Report of TCP BBR — Data Link

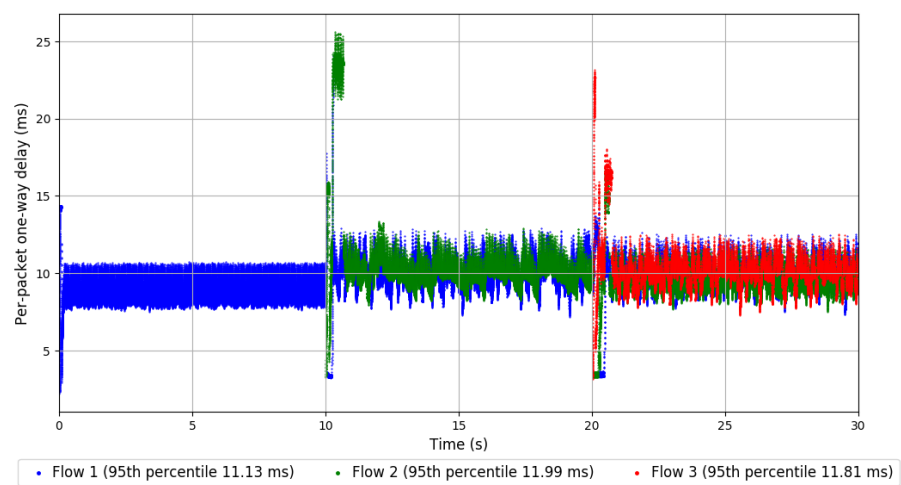
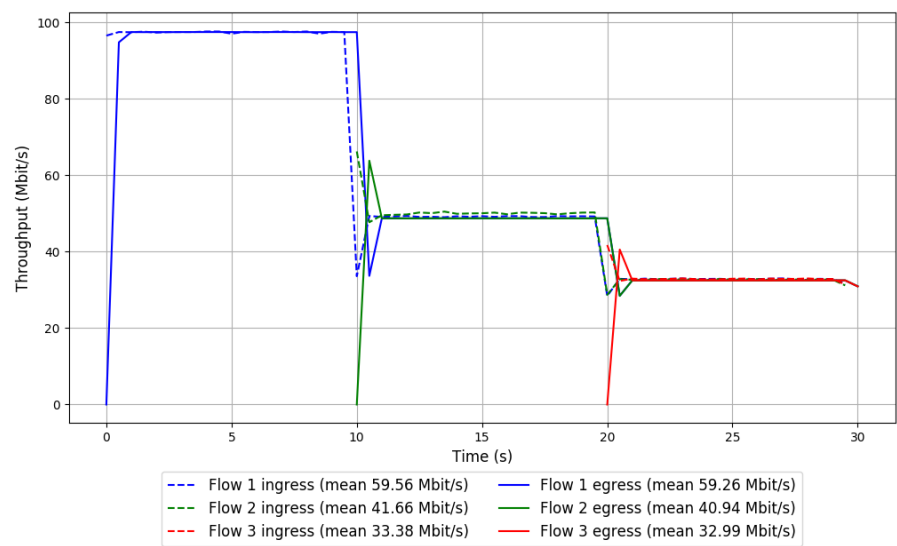


Run 10: Statistics of TCP BBR

Start at: 2018-07-18 12:08:32
End at: 2018-07-18 12:09:02
Local clock offset: -5.814 ms
Remote clock offset: -3.234 ms

Below is generated by plot.py at 2018-07-18 12:20:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 11.369 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 59.26 Mbit/s
95th percentile per-packet one-way delay: 11.129 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 40.94 Mbit/s
95th percentile per-packet one-way delay: 11.989 ms
Loss rate: 1.76%
-- Flow 3:
Average throughput: 32.99 Mbit/s
95th percentile per-packet one-way delay: 11.808 ms
Loss rate: 1.23%

Run 10: Report of TCP BBR — Data Link

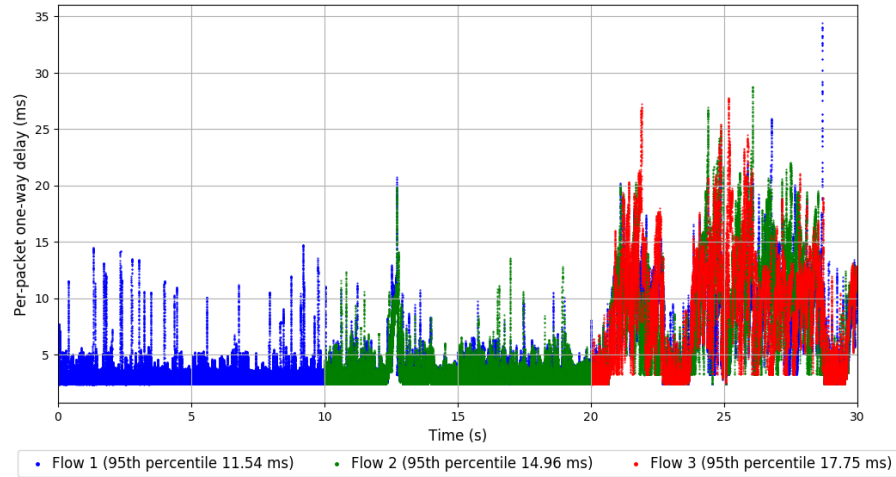
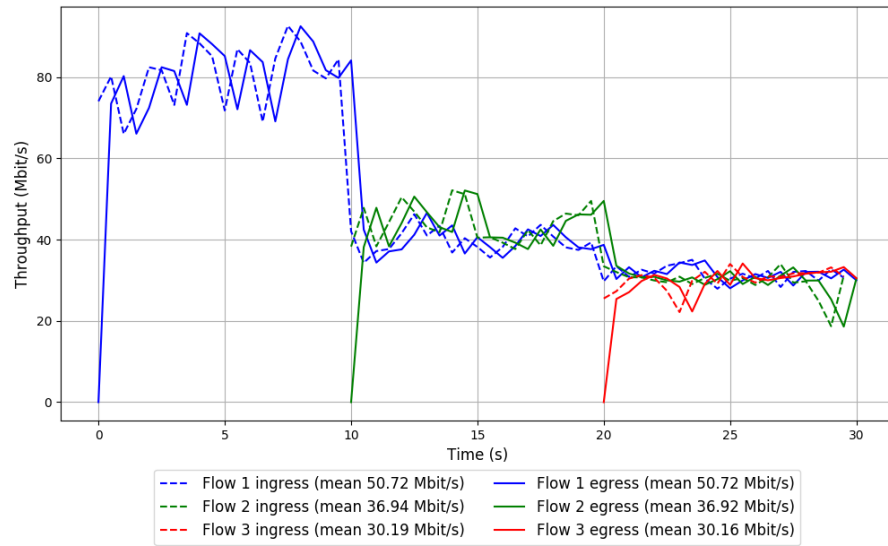


Run 1: Statistics of Copa

Start at: 2018-07-18 09:12:39
End at: 2018-07-18 09:13:09
Local clock offset: -5.758 ms
Remote clock offset: -8.523 ms

Below is generated by plot.py at 2018-07-18 12:21:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.33 Mbit/s
95th percentile per-packet one-way delay: 13.587 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 50.72 Mbit/s
95th percentile per-packet one-way delay: 11.541 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 36.92 Mbit/s
95th percentile per-packet one-way delay: 14.961 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 30.16 Mbit/s
95th percentile per-packet one-way delay: 17.755 ms
Loss rate: 0.13%

Run 1: Report of Copa — Data Link

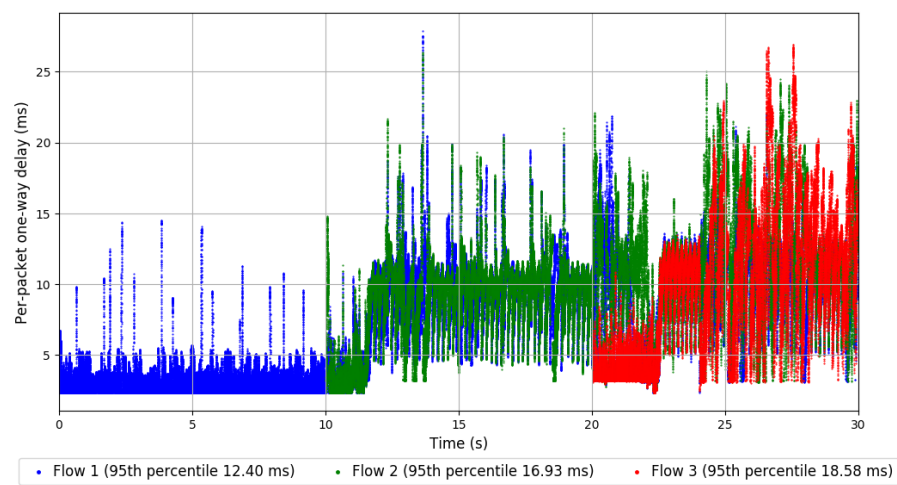
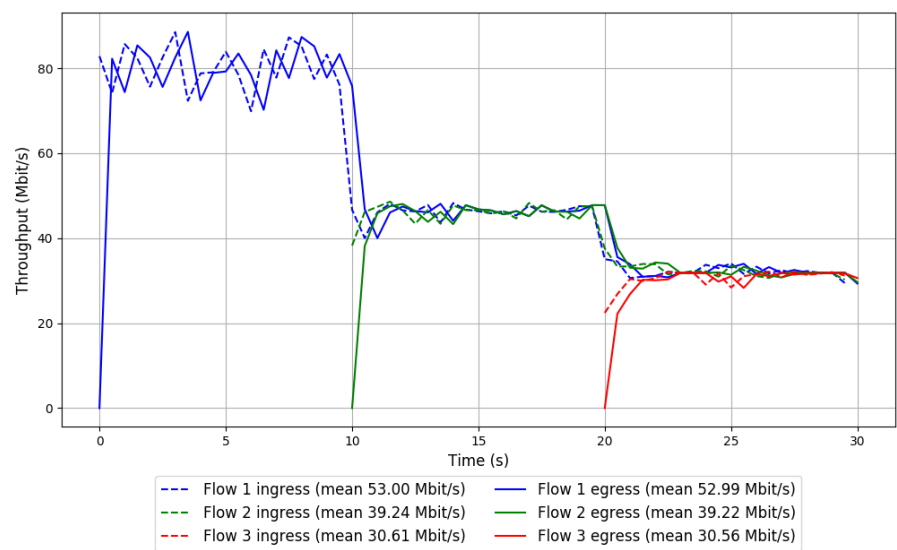


Run 2: Statistics of Copa

Start at: 2018-07-18 09:31:48
End at: 2018-07-18 09:32:18
Local clock offset: -5.675 ms
Remote clock offset: -7.781 ms

Below is generated by plot.py at 2018-07-18 12:21:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.24 Mbit/s
95th percentile per-packet one-way delay: 15.105 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 52.99 Mbit/s
95th percentile per-packet one-way delay: 12.400 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 39.22 Mbit/s
95th percentile per-packet one-way delay: 16.930 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 30.56 Mbit/s
95th percentile per-packet one-way delay: 18.578 ms
Loss rate: 0.21%

Run 2: Report of Copa — Data Link

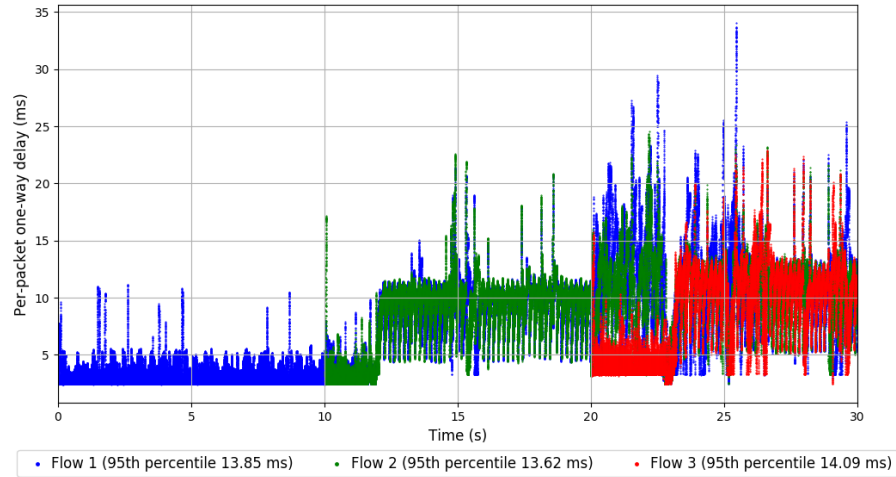
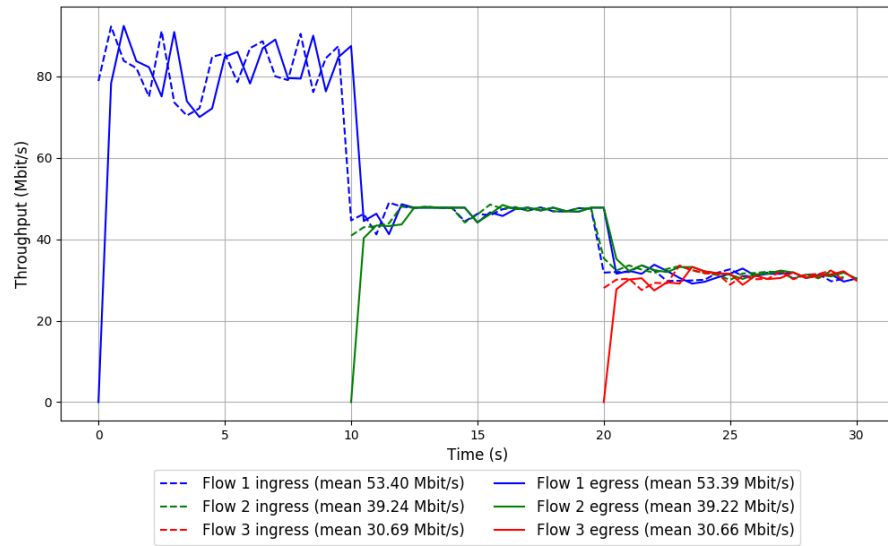


Run 3: Statistics of Copa

Start at: 2018-07-18 09:50:56
End at: 2018-07-18 09:51:26
Local clock offset: -5.615 ms
Remote clock offset: -7.356 ms

Below is generated by plot.py at 2018-07-18 12:21:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.69 Mbit/s
95th percentile per-packet one-way delay: 13.790 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 53.39 Mbit/s
95th percentile per-packet one-way delay: 13.854 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 39.22 Mbit/s
95th percentile per-packet one-way delay: 13.624 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 30.66 Mbit/s
95th percentile per-packet one-way delay: 14.089 ms
Loss rate: 0.17%

Run 3: Report of Copa — Data Link

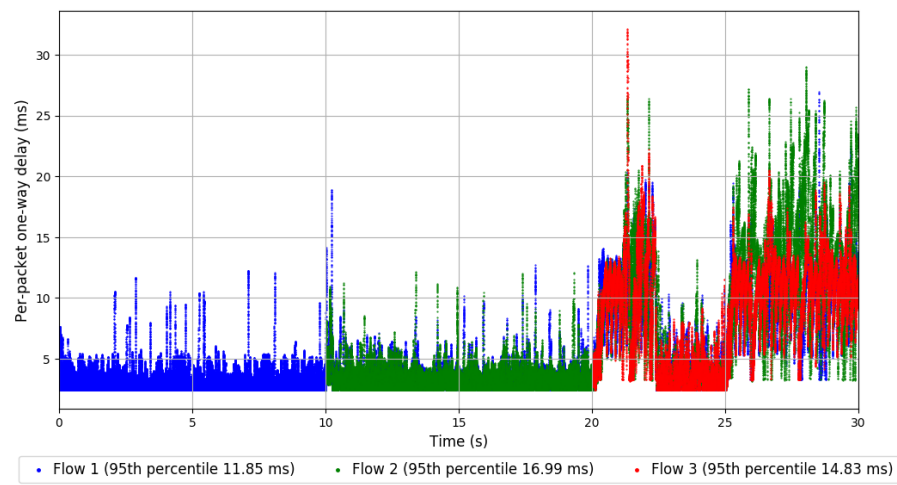
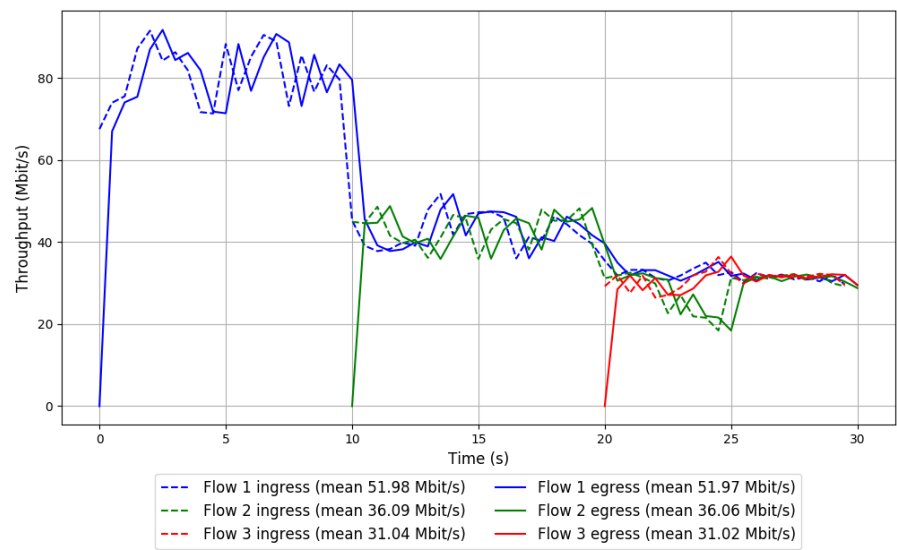


Run 4: Statistics of Copa

Start at: 2018-07-18 10:10:05
End at: 2018-07-18 10:10:35
Local clock offset: -5.874 ms
Remote clock offset: -6.802 ms

Below is generated by plot.py at 2018-07-18 12:21:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.29 Mbit/s
95th percentile per-packet one-way delay: 13.888 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 51.97 Mbit/s
95th percentile per-packet one-way delay: 11.854 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 36.06 Mbit/s
95th percentile per-packet one-way delay: 16.991 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 31.02 Mbit/s
95th percentile per-packet one-way delay: 14.832 ms
Loss rate: 0.15%

Run 4: Report of Copa — Data Link

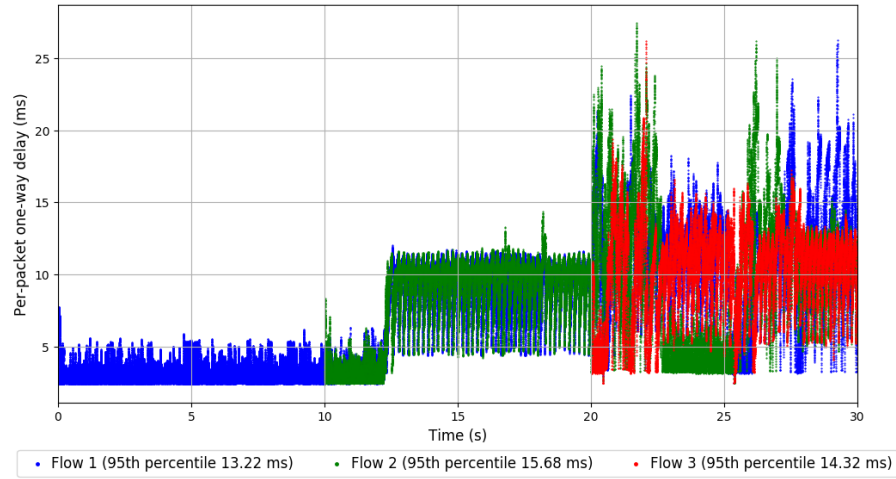
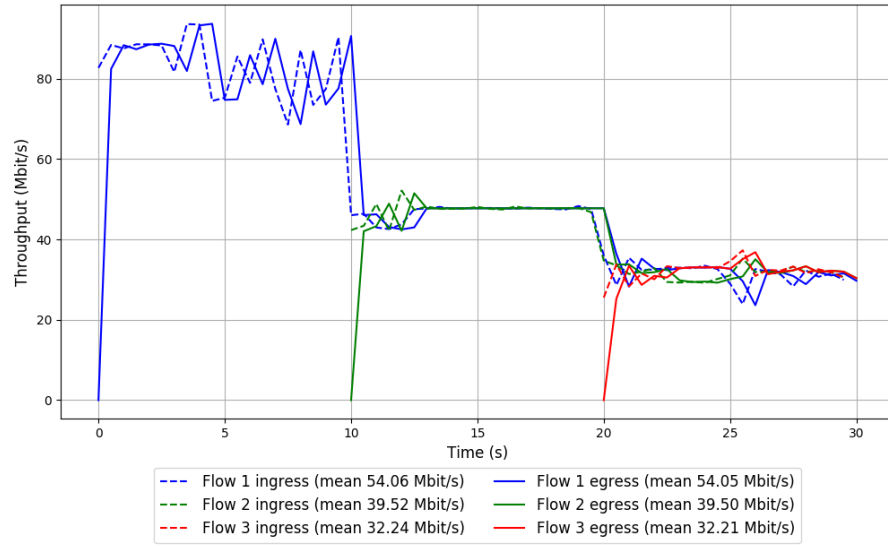


Run 5: Statistics of Copa

Start at: 2018-07-18 10:29:14
End at: 2018-07-18 10:29:44
Local clock offset: -6.041 ms
Remote clock offset: -6.623 ms

Below is generated by plot.py at 2018-07-18 12:21:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.06 Mbit/s
95th percentile per-packet one-way delay: 14.109 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 54.05 Mbit/s
95th percentile per-packet one-way delay: 13.224 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 39.50 Mbit/s
95th percentile per-packet one-way delay: 15.676 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 32.21 Mbit/s
95th percentile per-packet one-way delay: 14.325 ms
Loss rate: 0.14%

Run 5: Report of Copa — Data Link

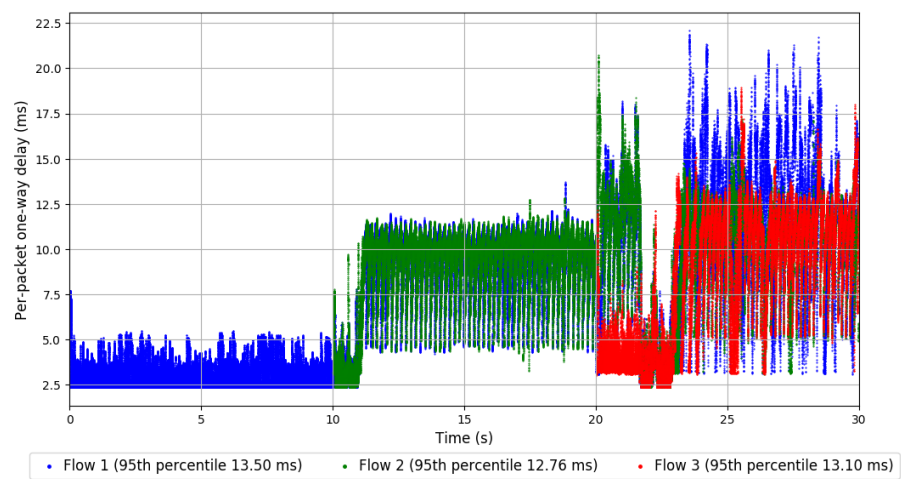
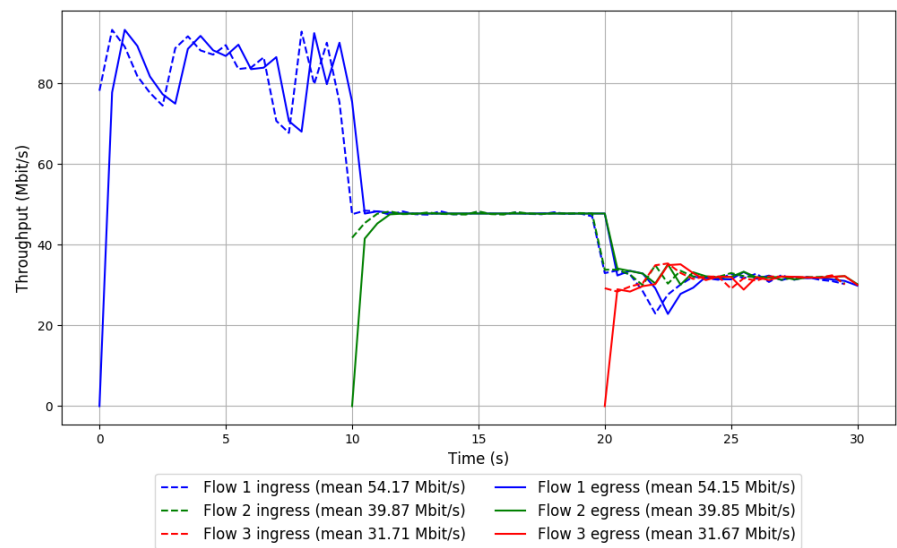


Run 6: Statistics of Copa

Start at: 2018-07-18 10:48:25
End at: 2018-07-18 10:48:55
Local clock offset: -6.229 ms
Remote clock offset: -6.506 ms

Below is generated by plot.py at 2018-07-18 12:21:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.21 Mbit/s
95th percentile per-packet one-way delay: 13.148 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 54.15 Mbit/s
95th percentile per-packet one-way delay: 13.502 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 39.85 Mbit/s
95th percentile per-packet one-way delay: 12.759 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 31.67 Mbit/s
95th percentile per-packet one-way delay: 13.103 ms
Loss rate: 0.18%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2018-07-18 11:07:36

End at: 2018-07-18 11:08:06

Local clock offset: -5.869 ms

Remote clock offset: -7.33 ms

Below is generated by plot.py at 2018-07-18 12:22:40

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.50 Mbit/s

95th percentile per-packet one-way delay: 13.544 ms

Loss rate: 0.06%

-- Flow 1:

Average throughput: 53.71 Mbit/s

95th percentile per-packet one-way delay: 12.086 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 40.17 Mbit/s

95th percentile per-packet one-way delay: 12.668 ms

Loss rate: 0.07%

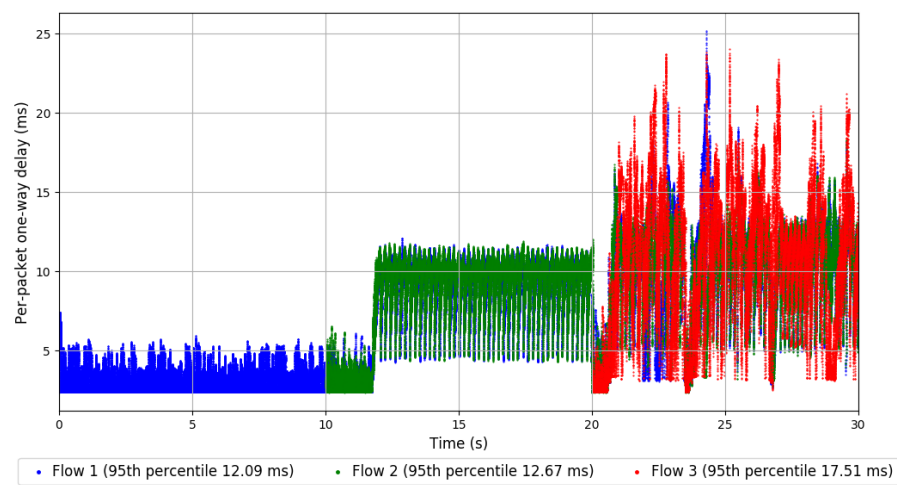
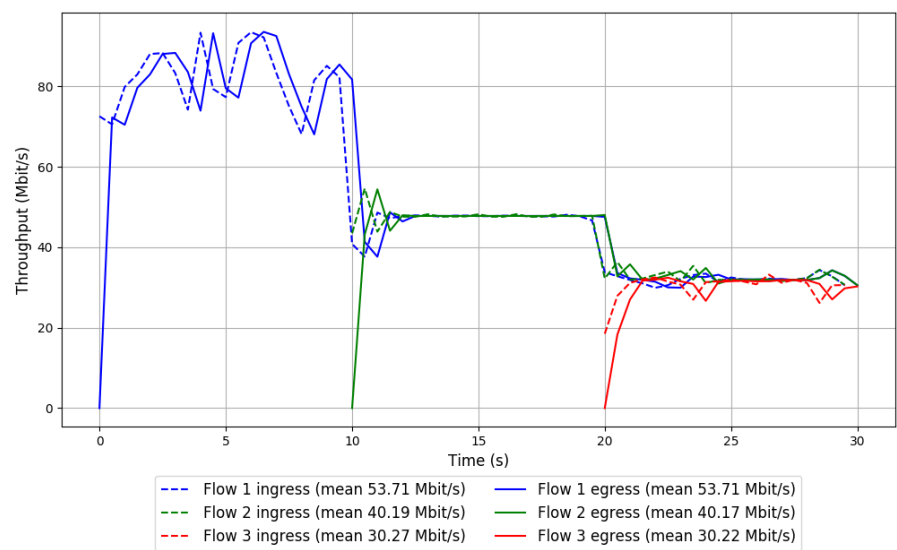
-- Flow 3:

Average throughput: 30.22 Mbit/s

95th percentile per-packet one-way delay: 17.509 ms

Loss rate: 0.21%

Run 7: Report of Copa — Data Link

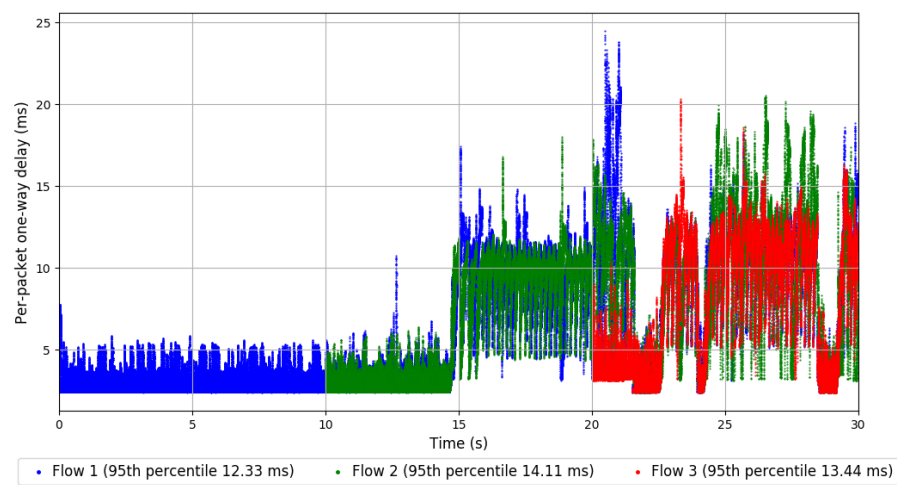
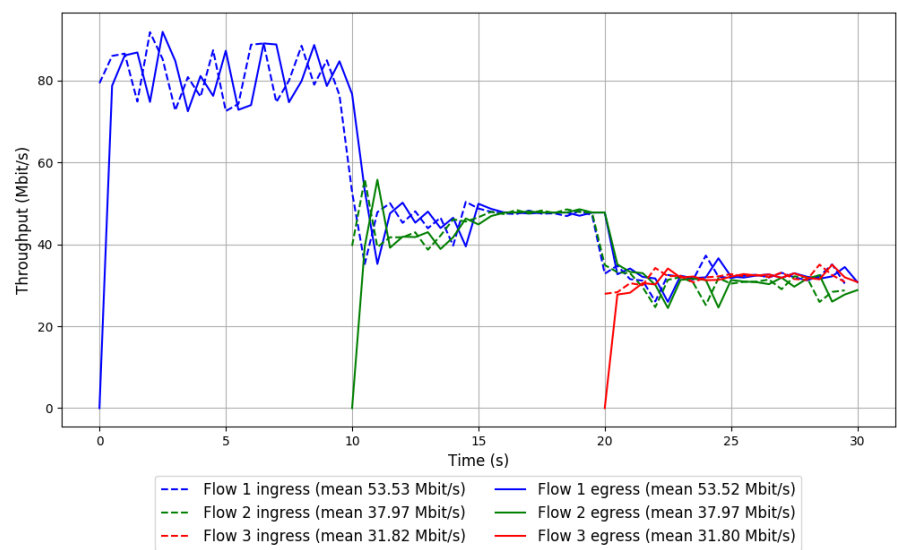


Run 8: Statistics of Copa

Start at: 2018-07-18 11:26:47
End at: 2018-07-18 11:27:17
Local clock offset: -5.717 ms
Remote clock offset: -7.642 ms

Below is generated by plot.py at 2018-07-18 12:22:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.37 Mbit/s
95th percentile per-packet one-way delay: 12.973 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 53.52 Mbit/s
95th percentile per-packet one-way delay: 12.332 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 37.97 Mbit/s
95th percentile per-packet one-way delay: 14.105 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 31.80 Mbit/s
95th percentile per-packet one-way delay: 13.437 ms
Loss rate: 0.17%

Run 8: Report of Copa — Data Link

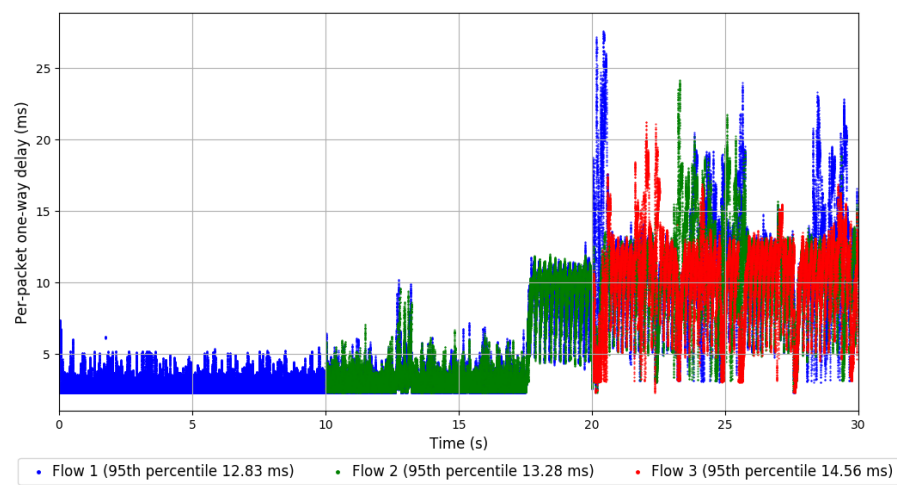
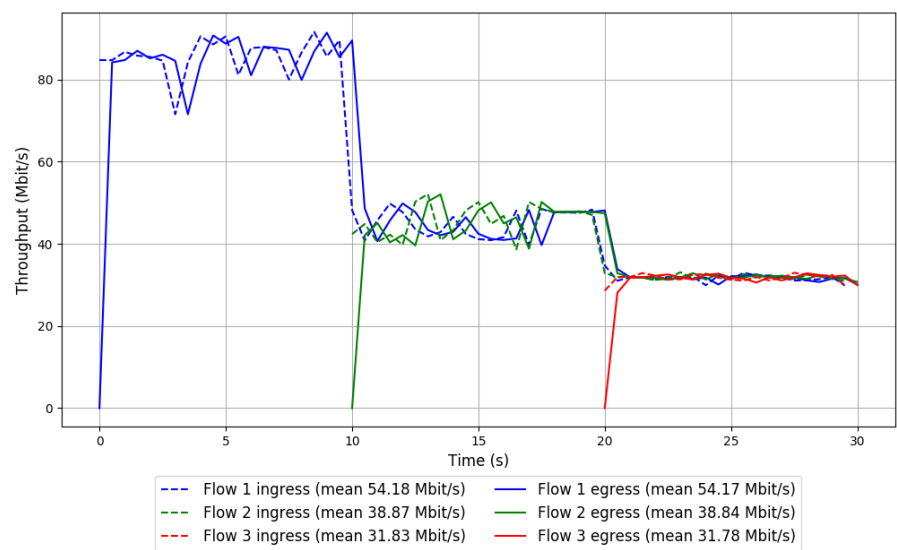


Run 9: Statistics of Copa

Start at: 2018-07-18 11:45:57
End at: 2018-07-18 11:46:27
Local clock offset: -5.648 ms
Remote clock offset: -6.258 ms

Below is generated by plot.py at 2018-07-18 12:23:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.59 Mbit/s
95th percentile per-packet one-way delay: 13.285 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 54.17 Mbit/s
95th percentile per-packet one-way delay: 12.832 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 38.84 Mbit/s
95th percentile per-packet one-way delay: 13.275 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 31.78 Mbit/s
95th percentile per-packet one-way delay: 14.558 ms
Loss rate: 0.19%

Run 9: Report of Copa — Data Link

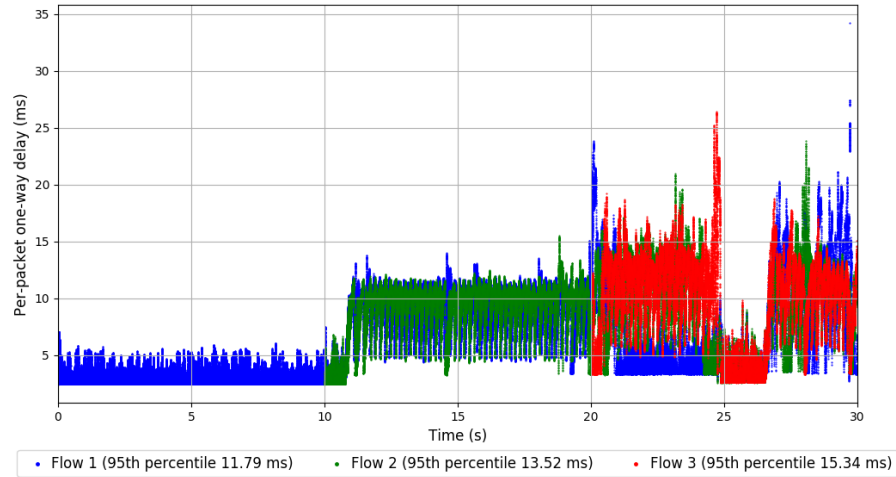
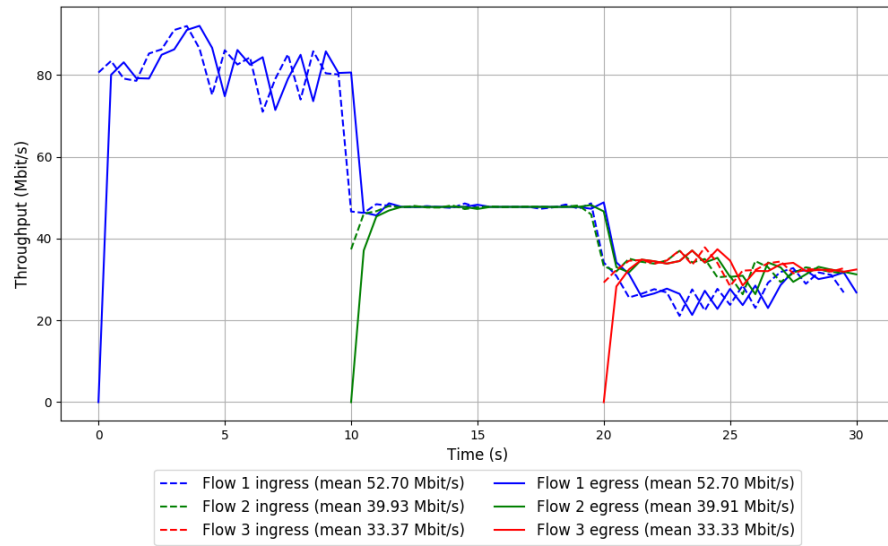


Run 10: Statistics of Copa

Start at: 2018-07-18 12:05:07
End at: 2018-07-18 12:05:37
Local clock offset: -5.717 ms
Remote clock offset: -4.368 ms

Below is generated by plot.py at 2018-07-18 12:23:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.35 Mbit/s
95th percentile per-packet one-way delay: 13.390 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 52.70 Mbit/s
95th percentile per-packet one-way delay: 11.794 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 39.91 Mbit/s
95th percentile per-packet one-way delay: 13.520 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 33.33 Mbit/s
95th percentile per-packet one-way delay: 15.344 ms
Loss rate: 0.17%

Run 10: Report of Copa — Data Link

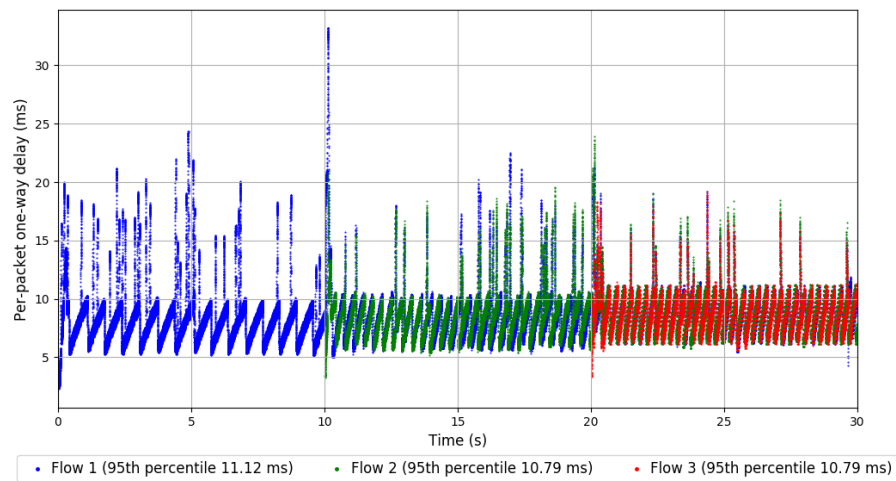
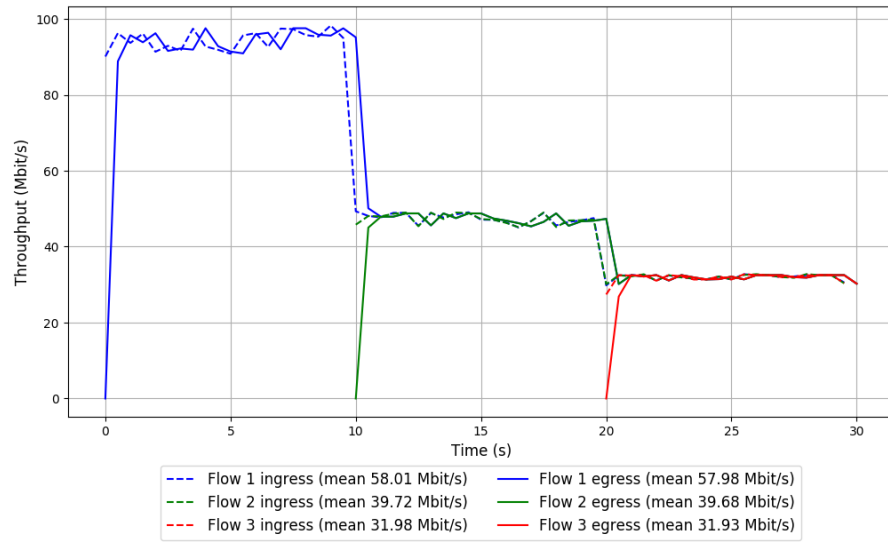


Run 1: Statistics of TCP Cubic

Start at: 2018-07-18 09:11:31
End at: 2018-07-18 09:12:01
Local clock offset: -5.686 ms
Remote clock offset: -8.598 ms

Below is generated by plot.py at 2018-07-18 12:23:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.99 Mbit/s
95th percentile per-packet one-way delay: 10.956 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 57.98 Mbit/s
95th percentile per-packet one-way delay: 11.124 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 39.68 Mbit/s
95th percentile per-packet one-way delay: 10.794 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 31.93 Mbit/s
95th percentile per-packet one-way delay: 10.790 ms
Loss rate: 0.23%

Run 1: Report of TCP Cubic — Data Link

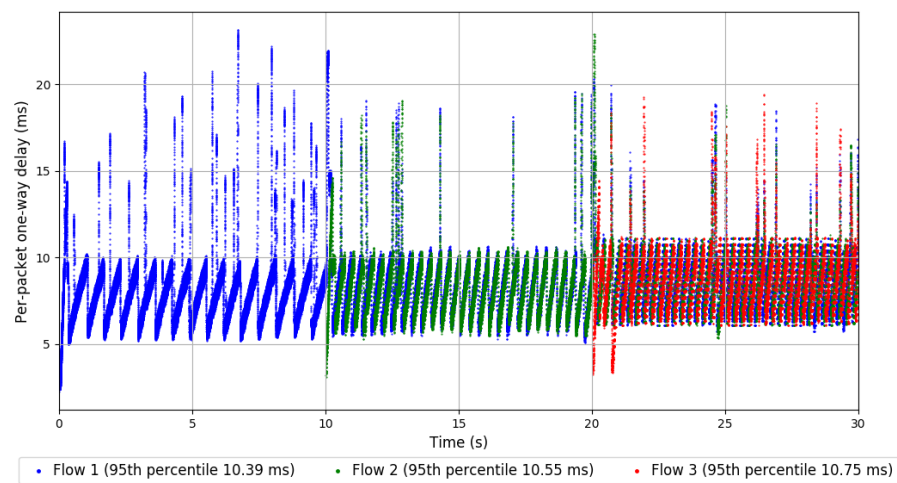
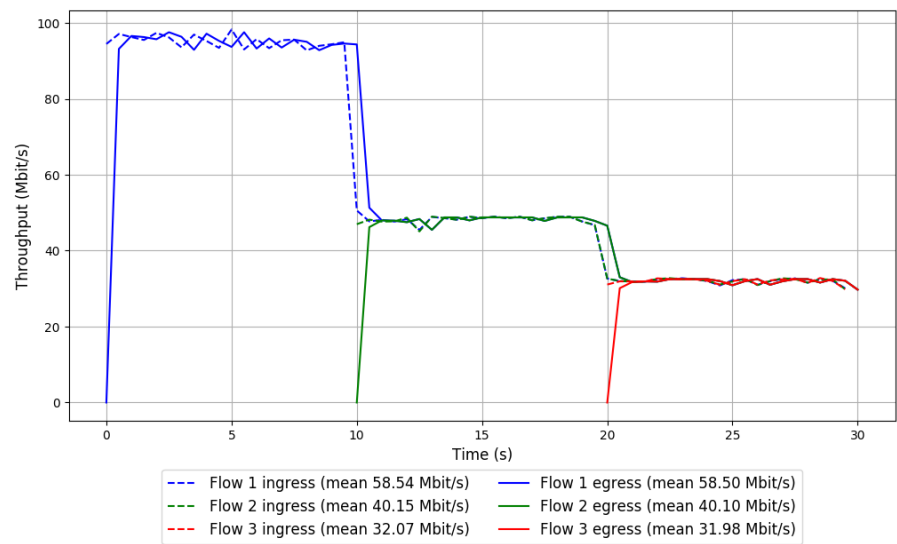


Run 2: Statistics of TCP Cubic

Start at: 2018-07-18 09:30:41
End at: 2018-07-18 09:31:11
Local clock offset: -5.707 ms
Remote clock offset: -7.839 ms

Below is generated by plot.py at 2018-07-18 12:23:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.83 Mbit/s
95th percentile per-packet one-way delay: 10.578 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 58.50 Mbit/s
95th percentile per-packet one-way delay: 10.386 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 40.10 Mbit/s
95th percentile per-packet one-way delay: 10.552 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 31.98 Mbit/s
95th percentile per-packet one-way delay: 10.754 ms
Loss rate: 0.31%

Run 2: Report of TCP Cubic — Data Link

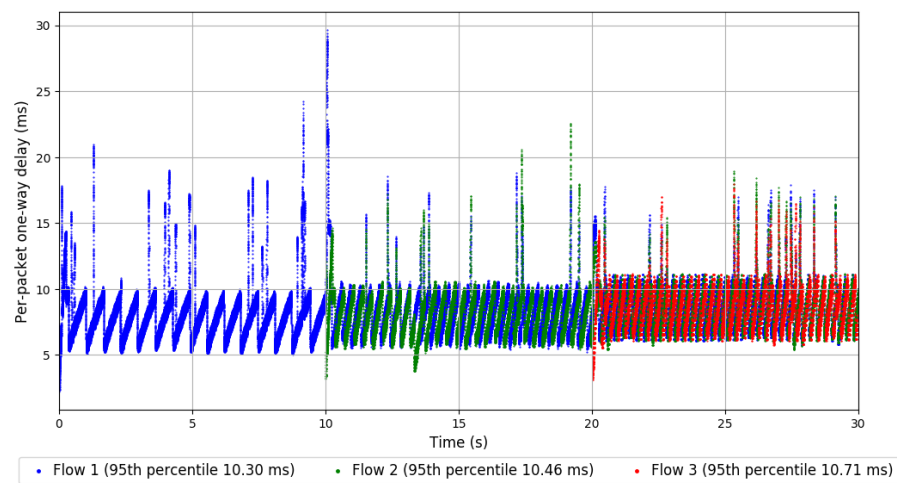
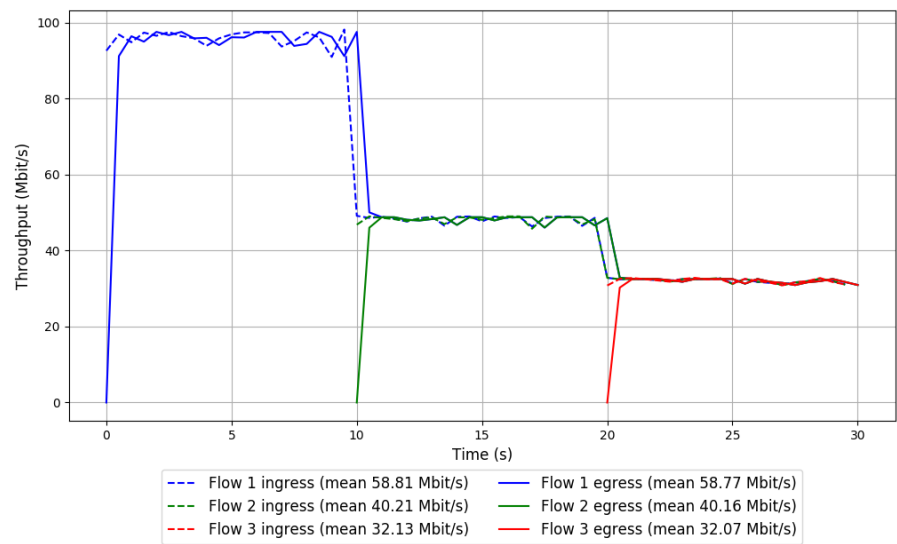


Run 3: Statistics of TCP Cubic

Start at: 2018-07-18 09:49:48
End at: 2018-07-18 09:50:18
Local clock offset: -5.626 ms
Remote clock offset: -7.376 ms

Below is generated by plot.py at 2018-07-18 12:23:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.17 Mbit/s
95th percentile per-packet one-way delay: 10.397 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 58.77 Mbit/s
95th percentile per-packet one-way delay: 10.297 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 40.16 Mbit/s
95th percentile per-packet one-way delay: 10.461 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 32.07 Mbit/s
95th percentile per-packet one-way delay: 10.707 ms
Loss rate: 0.24%

Run 3: Report of TCP Cubic — Data Link

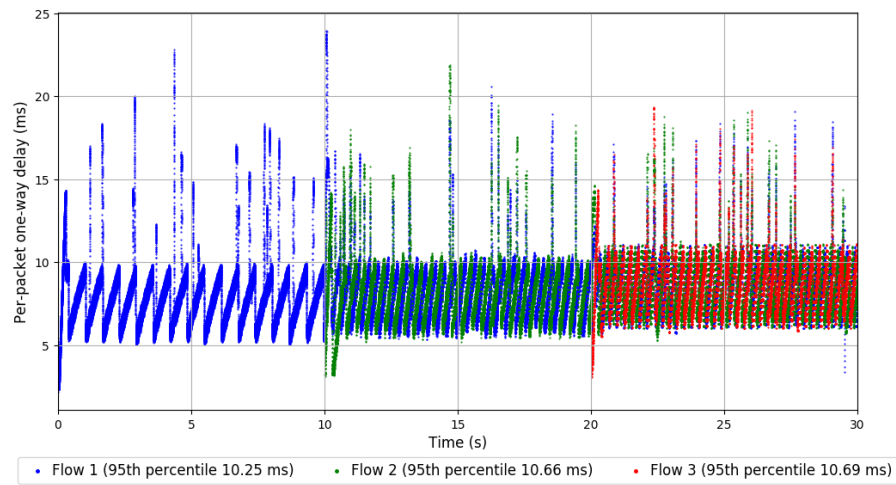
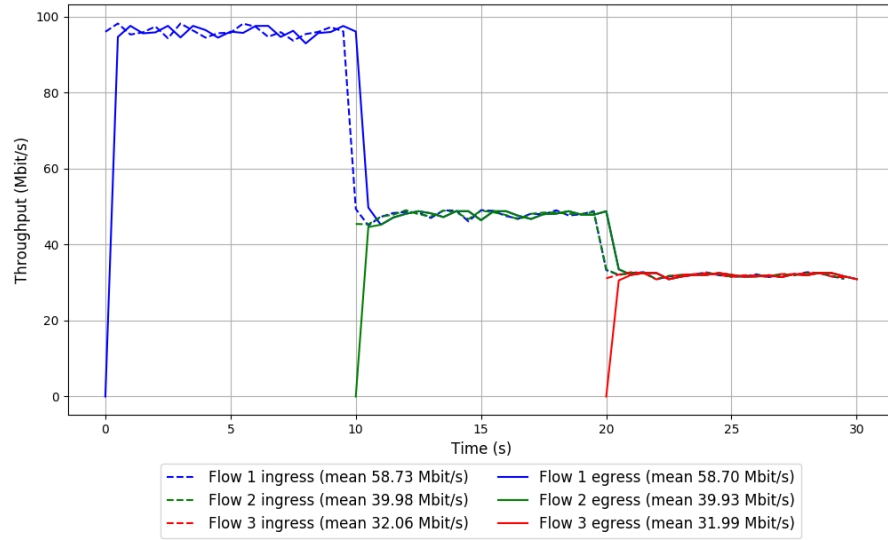


Run 4: Statistics of TCP Cubic

Start at: 2018-07-18 10:08:57
End at: 2018-07-18 10:09:27
Local clock offset: -5.928 ms
Remote clock offset: -6.752 ms

Below is generated by plot.py at 2018-07-18 12:23:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.91 Mbit/s
95th percentile per-packet one-way delay: 10.520 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 58.70 Mbit/s
95th percentile per-packet one-way delay: 10.251 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 39.93 Mbit/s
95th percentile per-packet one-way delay: 10.656 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 31.99 Mbit/s
95th percentile per-packet one-way delay: 10.685 ms
Loss rate: 0.27%

Run 4: Report of TCP Cubic — Data Link

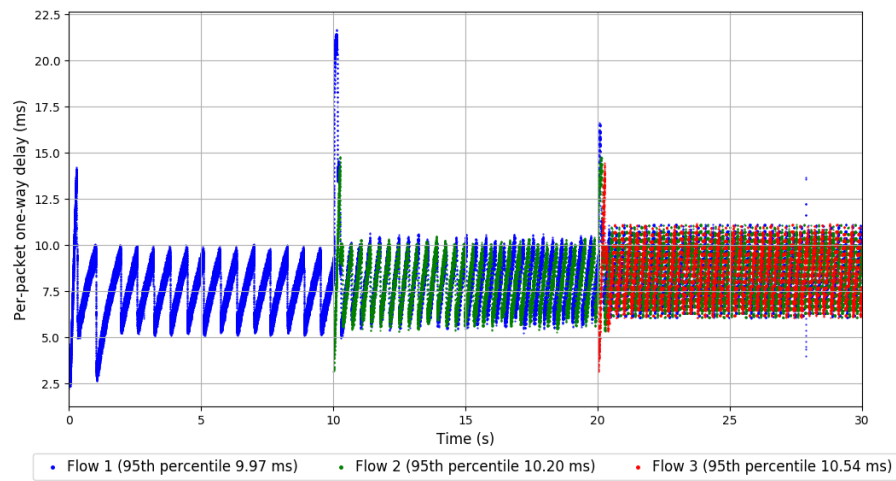
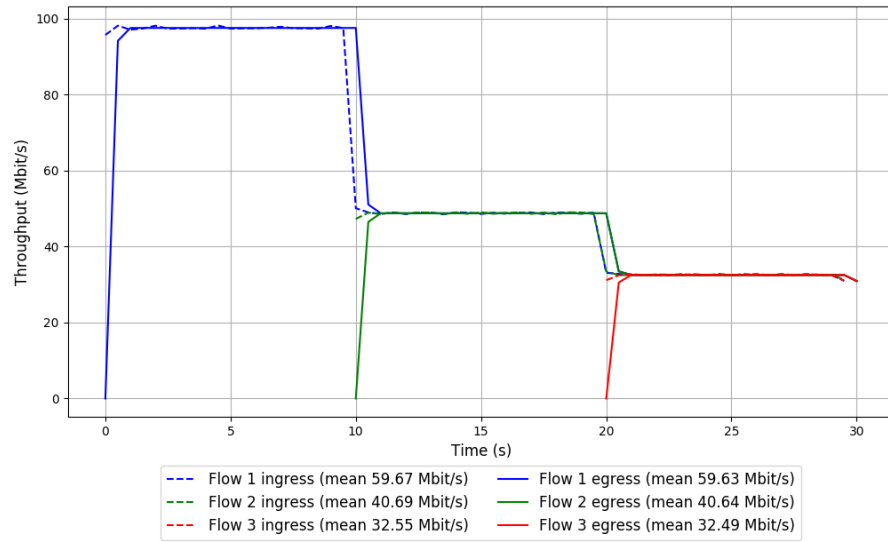


Run 5: Statistics of TCP Cubic

Start at: 2018-07-18 10:28:07
End at: 2018-07-18 10:28:37
Local clock offset: -6.028 ms
Remote clock offset: -6.546 ms

Below is generated by plot.py at 2018-07-18 12:23:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 10.179 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 59.63 Mbit/s
95th percentile per-packet one-way delay: 9.966 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 40.64 Mbit/s
95th percentile per-packet one-way delay: 10.199 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 32.49 Mbit/s
95th percentile per-packet one-way delay: 10.545 ms
Loss rate: 0.23%

Run 5: Report of TCP Cubic — Data Link

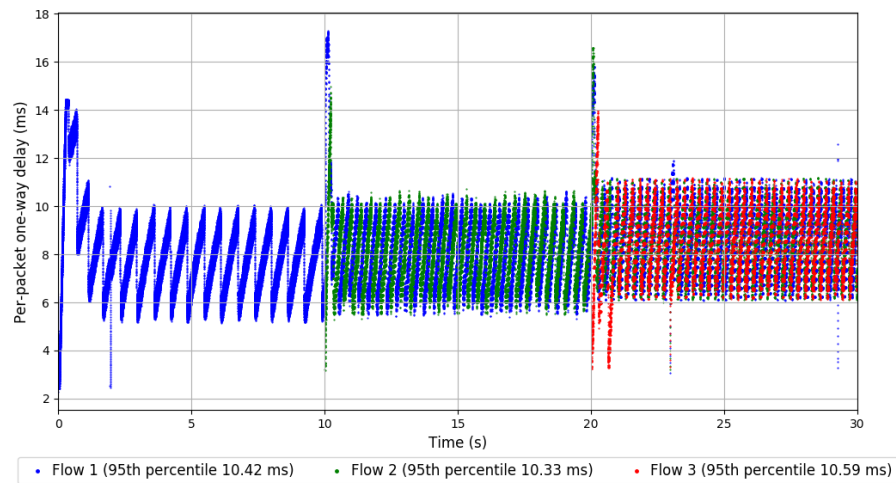
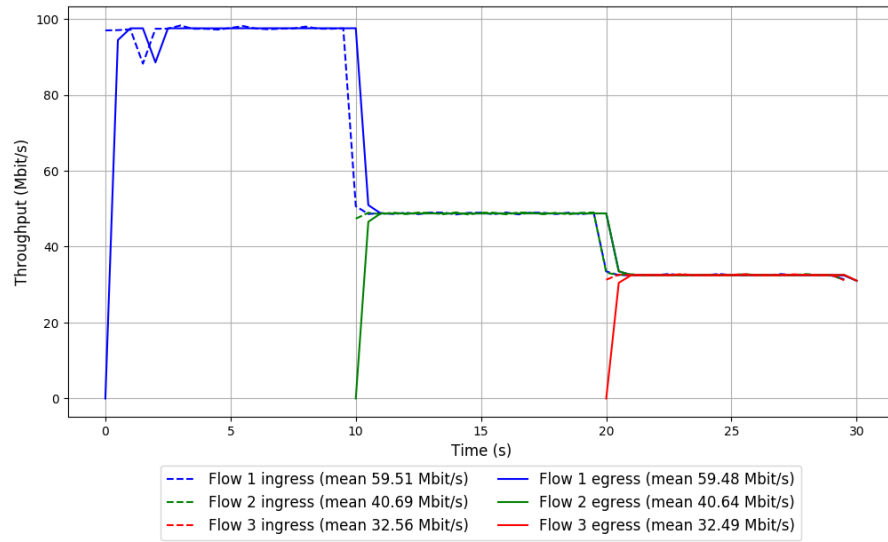


Run 6: Statistics of TCP Cubic

Start at: 2018-07-18 10:47:18
End at: 2018-07-18 10:47:48
Local clock offset: -6.283 ms
Remote clock offset: -6.597 ms

Below is generated by plot.py at 2018-07-18 12:23:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.33 Mbit/s
95th percentile per-packet one-way delay: 10.396 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 59.48 Mbit/s
95th percentile per-packet one-way delay: 10.423 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 40.64 Mbit/s
95th percentile per-packet one-way delay: 10.334 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 32.49 Mbit/s
95th percentile per-packet one-way delay: 10.585 ms
Loss rate: 0.26%

Run 6: Report of TCP Cubic — Data Link

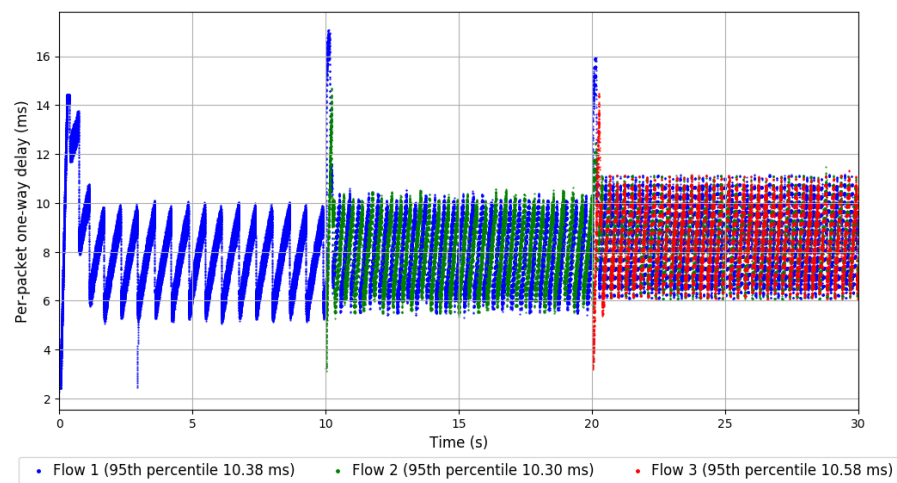
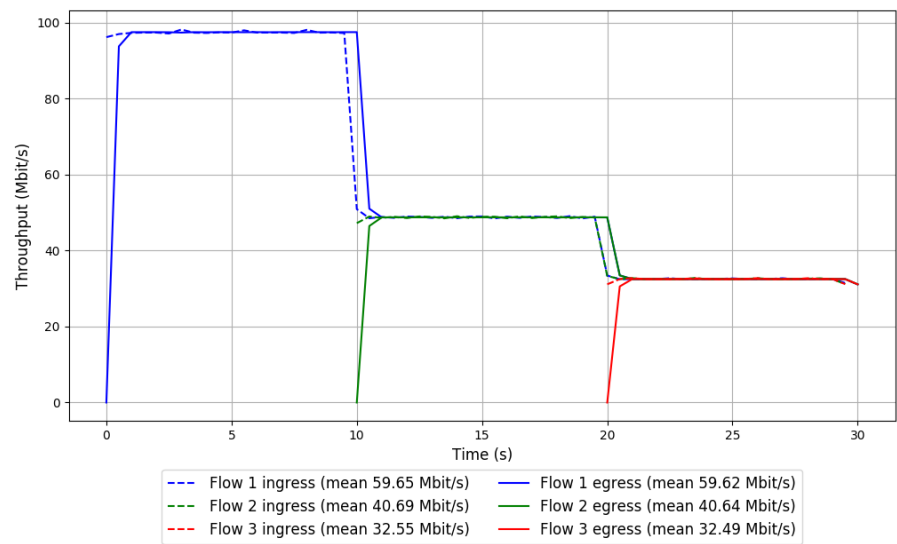


Run 7: Statistics of TCP Cubic

Start at: 2018-07-18 11:06:29
End at: 2018-07-18 11:06:59
Local clock offset: -5.9 ms
Remote clock offset: -7.312 ms

Below is generated by plot.py at 2018-07-18 12:23:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 10.368 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 59.62 Mbit/s
95th percentile per-packet one-way delay: 10.381 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 40.64 Mbit/s
95th percentile per-packet one-way delay: 10.300 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 32.49 Mbit/s
95th percentile per-packet one-way delay: 10.582 ms
Loss rate: 0.23%

Run 7: Report of TCP Cubic — Data Link

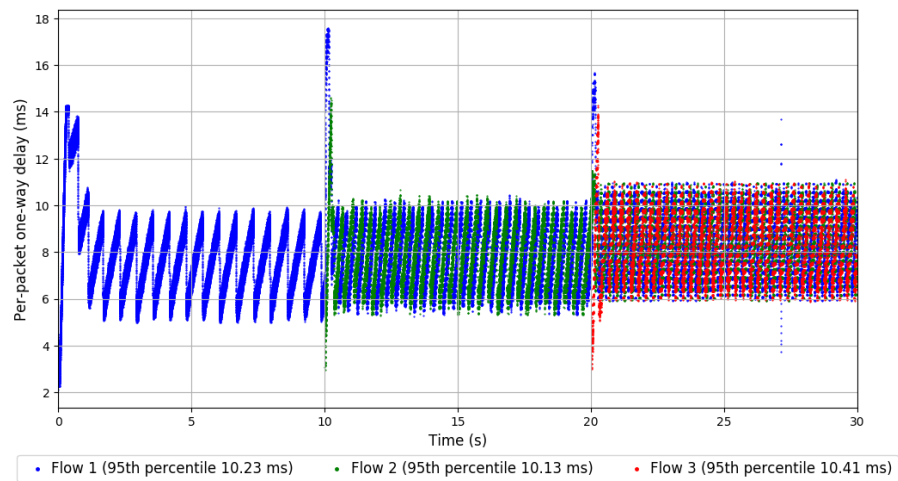
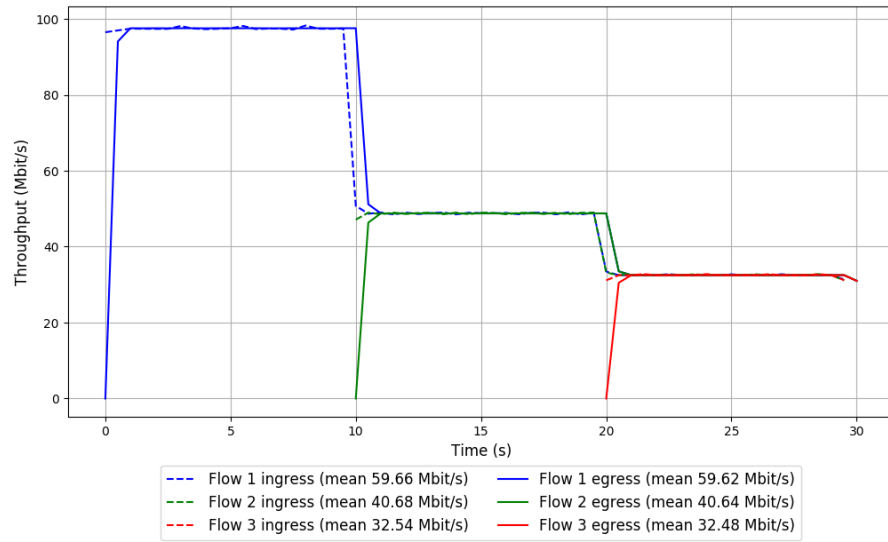


Run 8: Statistics of TCP Cubic

Start at: 2018-07-18 11:25:39
End at: 2018-07-18 11:26:09
Local clock offset: -5.819 ms
Remote clock offset: -7.537 ms

Below is generated by plot.py at 2018-07-18 12:23:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 10.204 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 59.62 Mbit/s
95th percentile per-packet one-way delay: 10.234 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 40.64 Mbit/s
95th percentile per-packet one-way delay: 10.134 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 32.48 Mbit/s
95th percentile per-packet one-way delay: 10.408 ms
Loss rate: 0.25%

Run 8: Report of TCP Cubic — Data Link

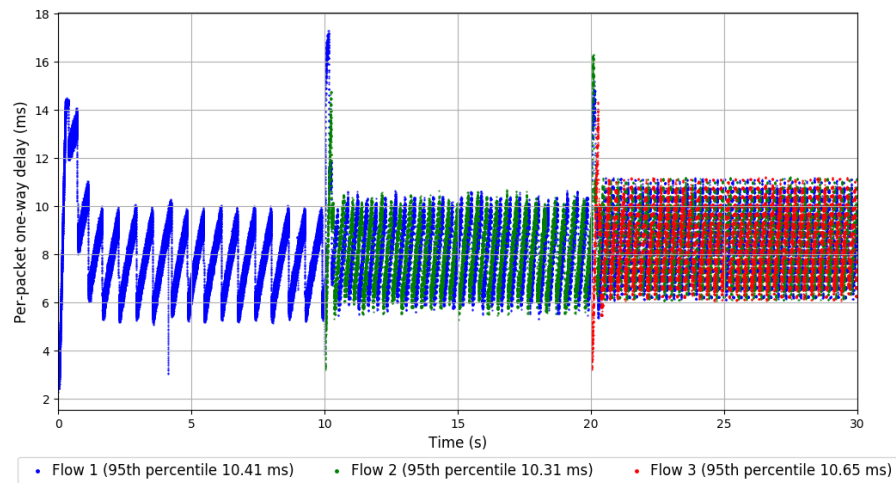
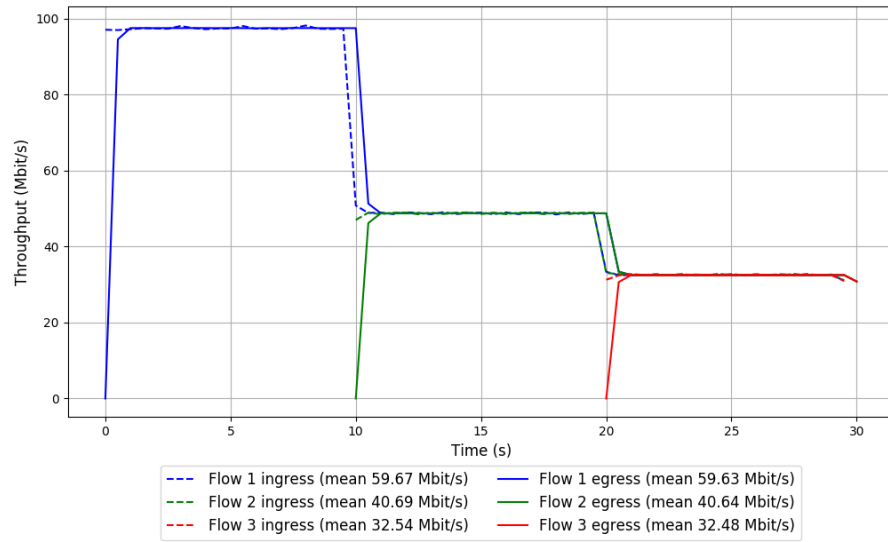


Run 9: Statistics of TCP Cubic

Start at: 2018-07-18 11:44:49
End at: 2018-07-18 11:45:19
Local clock offset: -5.589 ms
Remote clock offset: -6.335 ms

Below is generated by plot.py at 2018-07-18 12:23:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 10.401 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 59.63 Mbit/s
95th percentile per-packet one-way delay: 10.406 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 40.64 Mbit/s
95th percentile per-packet one-way delay: 10.315 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 32.48 Mbit/s
95th percentile per-packet one-way delay: 10.648 ms
Loss rate: 0.23%

Run 9: Report of TCP Cubic — Data Link

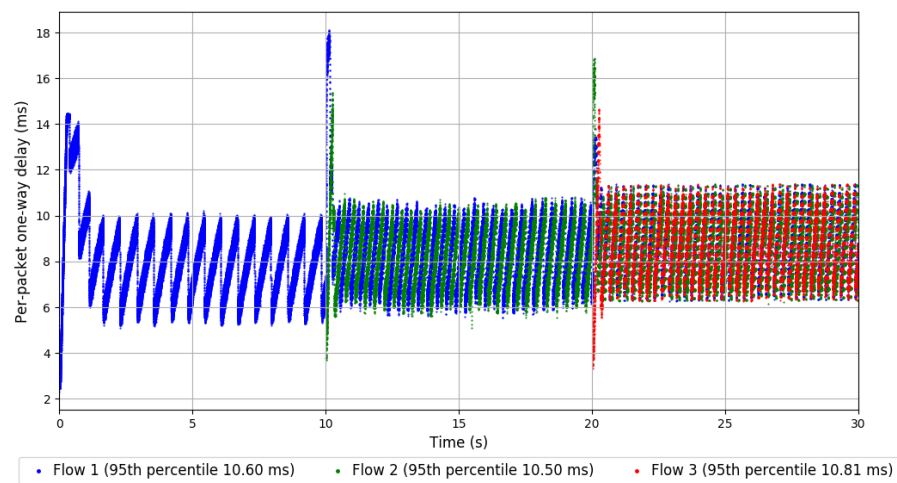
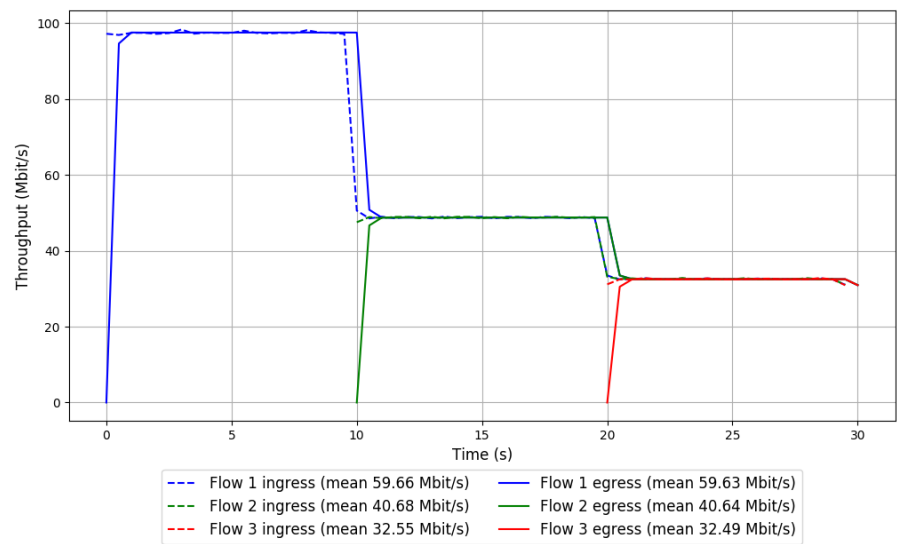


Run 10: Statistics of TCP Cubic

Start at: 2018-07-18 12:04:00
End at: 2018-07-18 12:04:30
Local clock offset: -5.701 ms
Remote clock offset: -4.811 ms

Below is generated by plot.py at 2018-07-18 12:23:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 10.587 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 59.63 Mbit/s
95th percentile per-packet one-way delay: 10.602 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 40.64 Mbit/s
95th percentile per-packet one-way delay: 10.498 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 32.49 Mbit/s
95th percentile per-packet one-way delay: 10.806 ms
Loss rate: 0.23%

Run 10: Report of TCP Cubic — Data Link

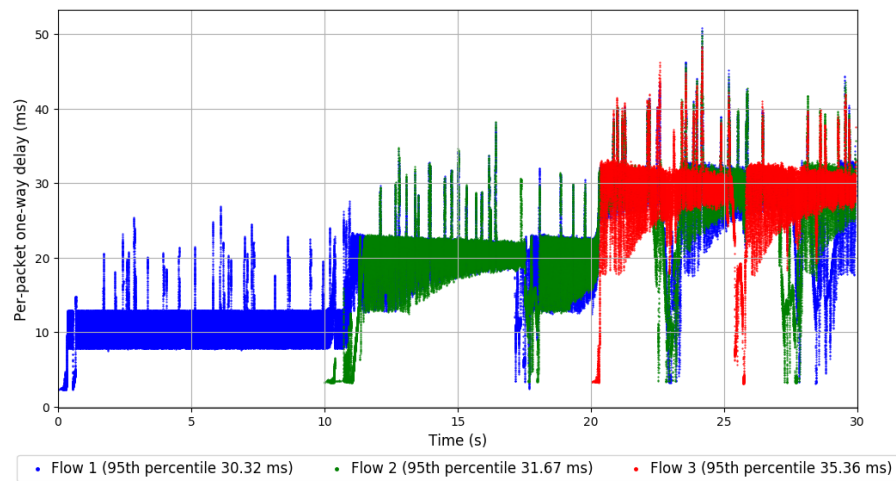
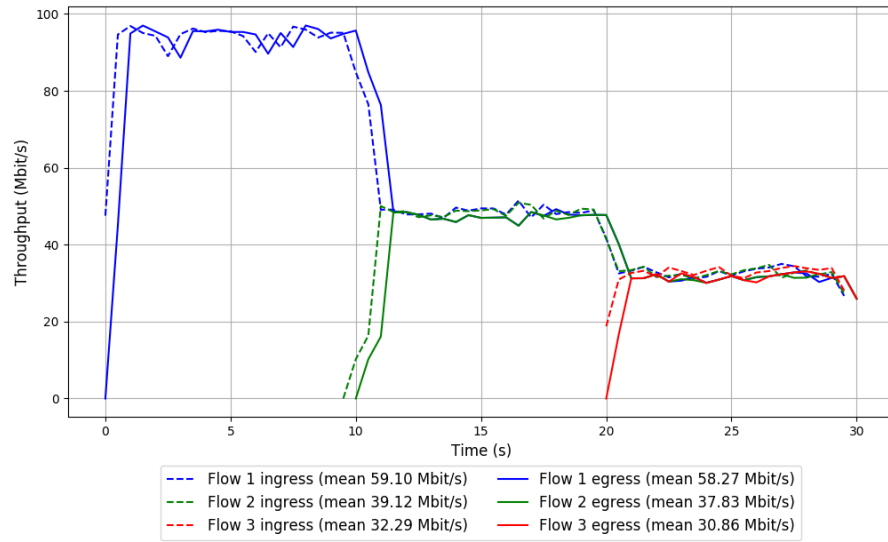


Run 1: Statistics of FillP

Start at: 2018-07-18 09:14:56
End at: 2018-07-18 09:15:26
Local clock offset: -5.713 ms
Remote clock offset: -8.256 ms

Below is generated by plot.py at 2018-07-18 12:24:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.66 Mbit/s
95th percentile per-packet one-way delay: 31.374 ms
Loss rate: 2.35%
-- Flow 1:
Average throughput: 58.27 Mbit/s
95th percentile per-packet one-way delay: 30.323 ms
Loss rate: 1.47%
-- Flow 2:
Average throughput: 37.83 Mbit/s
95th percentile per-packet one-way delay: 31.673 ms
Loss rate: 3.41%
-- Flow 3:
Average throughput: 30.86 Mbit/s
95th percentile per-packet one-way delay: 35.363 ms
Loss rate: 4.59%

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2018-07-18 09:34:05

End at: 2018-07-18 09:34:35

Local clock offset: -5.68 ms

Remote clock offset: -7.79 ms

Below is generated by plot.py at 2018-07-18 12:24:49

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.62 Mbit/s

95th percentile per-packet one-way delay: 31.022 ms

Loss rate: 2.36%

-- Flow 1:

Average throughput: 58.30 Mbit/s

95th percentile per-packet one-way delay: 29.910 ms

Loss rate: 1.56%

-- Flow 2:

Average throughput: 39.56 Mbit/s

95th percentile per-packet one-way delay: 31.280 ms

Loss rate: 3.71%

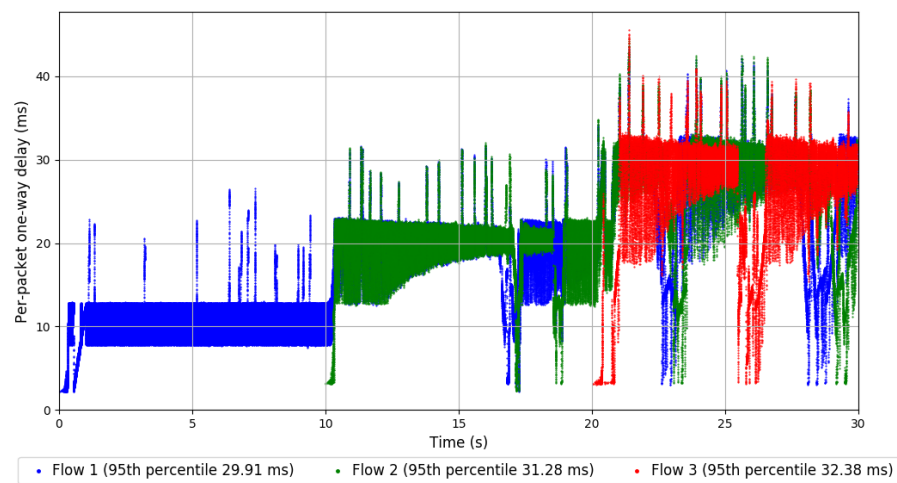
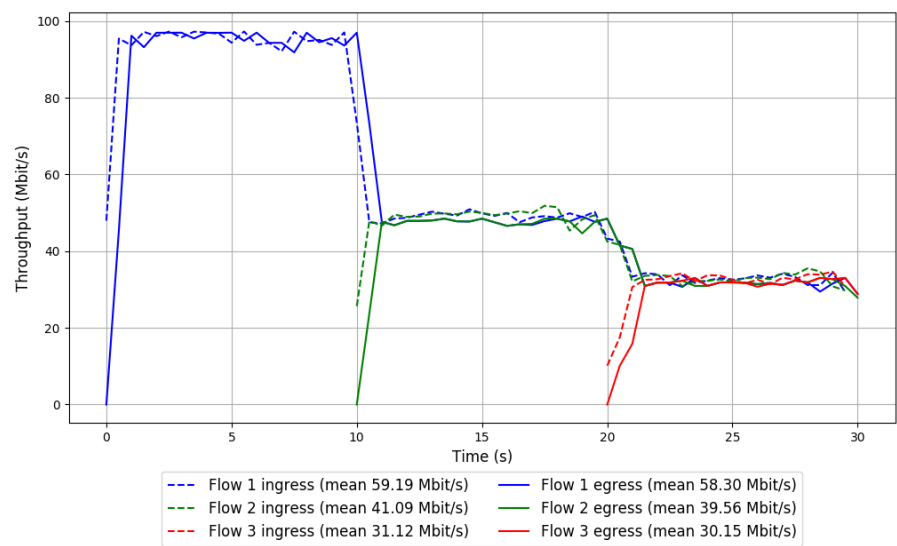
-- Flow 3:

Average throughput: 30.15 Mbit/s

95th percentile per-packet one-way delay: 32.377 ms

Loss rate: 3.32%

Run 2: Report of FillP — Data Link

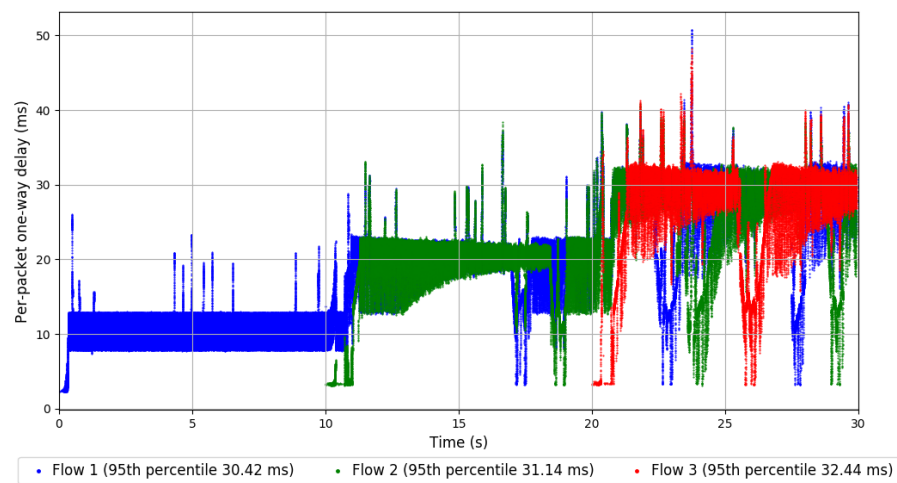
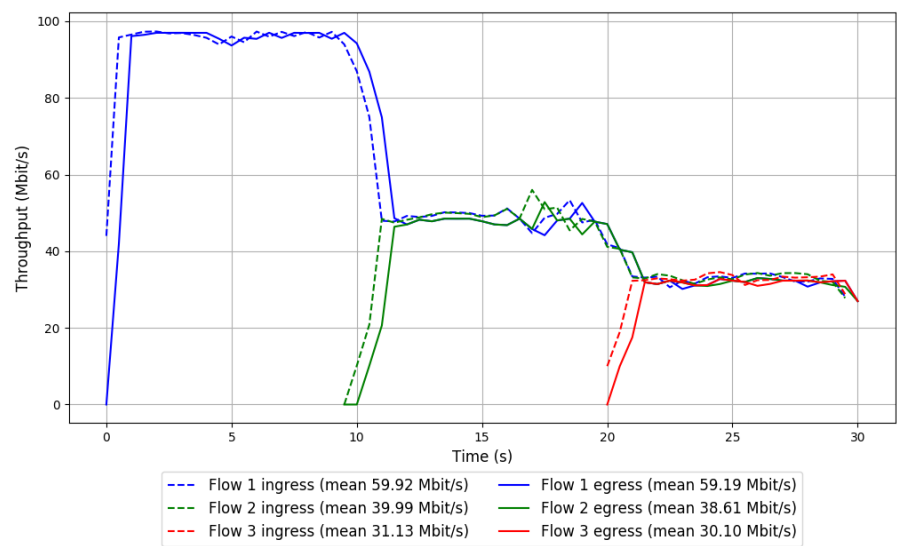


Run 3: Statistics of FillP

Start at: 2018-07-18 09:53:13
End at: 2018-07-18 09:53:43
Local clock offset: -5.617 ms
Remote clock offset: -7.149 ms

Below is generated by plot.py at 2018-07-18 12:25:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.88 Mbit/s
95th percentile per-packet one-way delay: 31.150 ms
Loss rate: 2.13%
-- Flow 1:
Average throughput: 59.19 Mbit/s
95th percentile per-packet one-way delay: 30.416 ms
Loss rate: 1.27%
-- Flow 2:
Average throughput: 38.61 Mbit/s
95th percentile per-packet one-way delay: 31.137 ms
Loss rate: 3.53%
-- Flow 3:
Average throughput: 30.10 Mbit/s
95th percentile per-packet one-way delay: 32.443 ms
Loss rate: 3.48%

Run 3: Report of FillP — Data Link

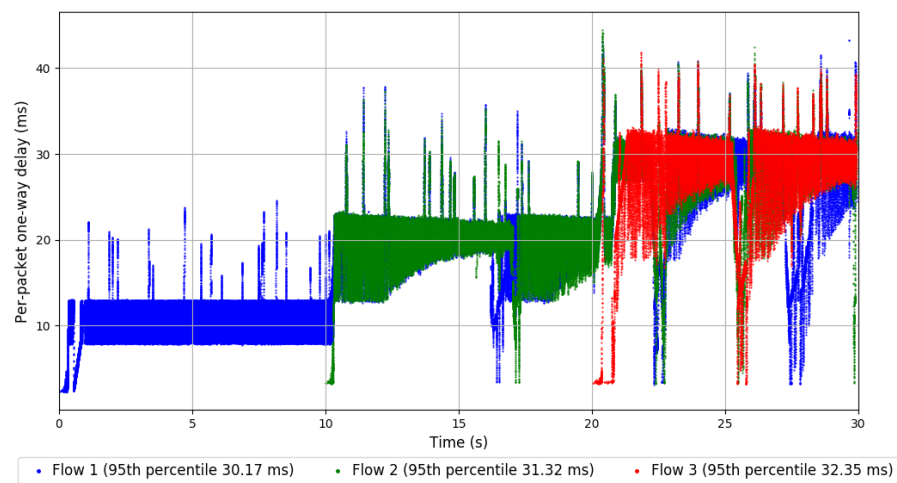
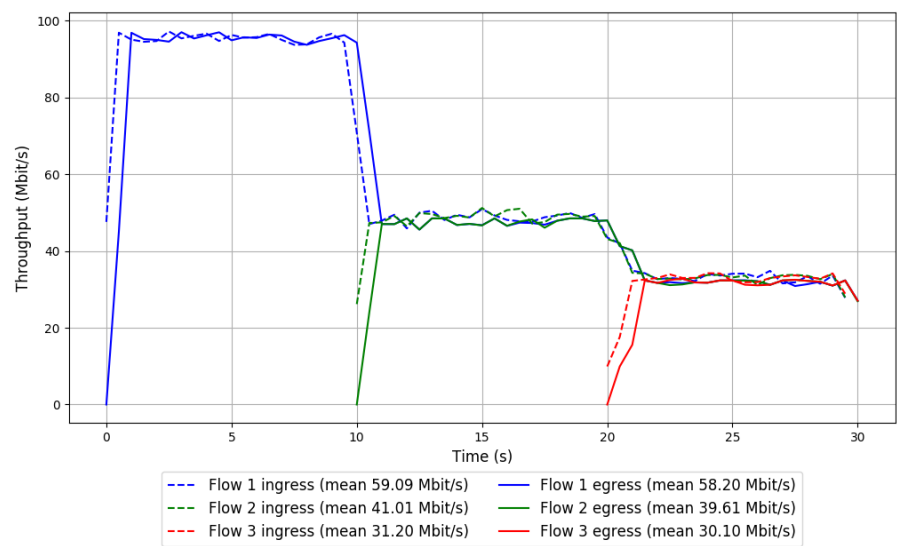


Run 4: Statistics of FillP

Start at: 2018-07-18 10:12:22
End at: 2018-07-18 10:12:52
Local clock offset: -5.904 ms
Remote clock offset: -6.755 ms

Below is generated by plot.py at 2018-07-18 12:25:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.50 Mbit/s
95th percentile per-packet one-way delay: 31.119 ms
Loss rate: 2.31%
-- Flow 1:
Average throughput: 58.20 Mbit/s
95th percentile per-packet one-way delay: 30.167 ms
Loss rate: 1.55%
-- Flow 2:
Average throughput: 39.61 Mbit/s
95th percentile per-packet one-way delay: 31.321 ms
Loss rate: 3.45%
-- Flow 3:
Average throughput: 30.10 Mbit/s
95th percentile per-packet one-way delay: 32.351 ms
Loss rate: 3.66%

Run 4: Report of FillP — Data Link

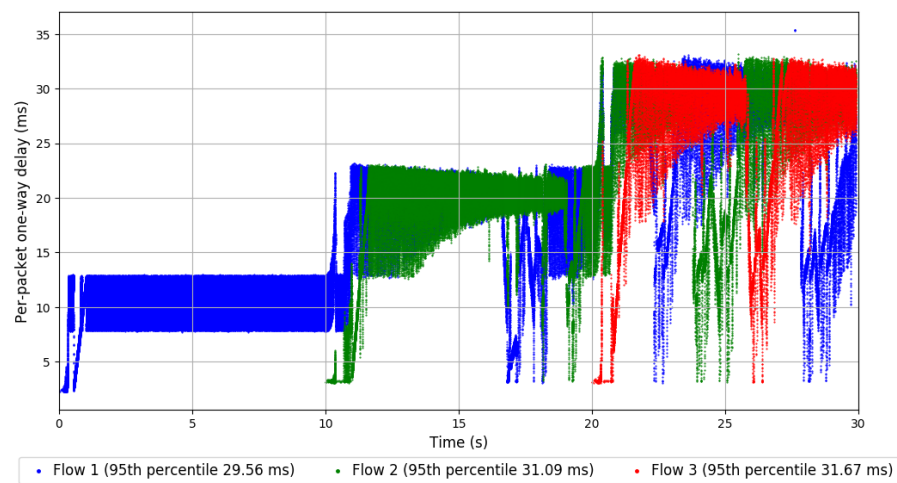
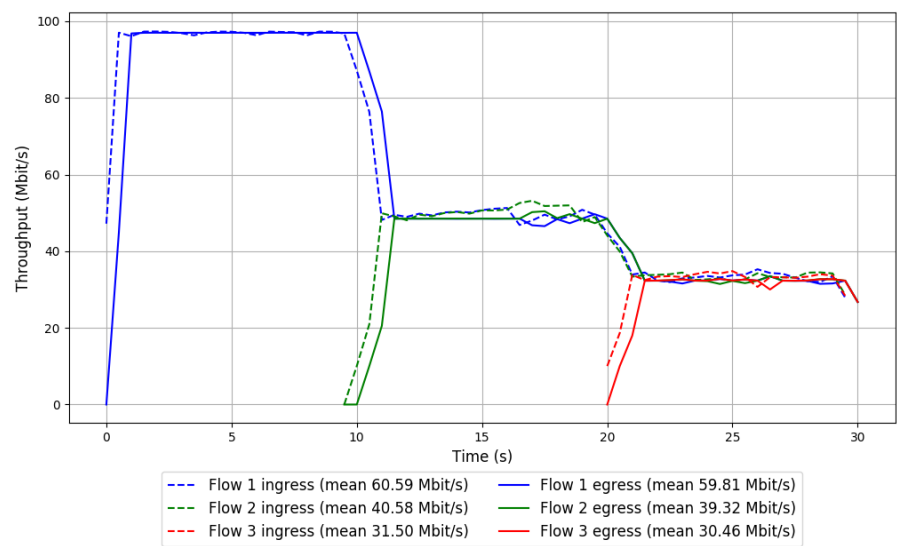


Run 5: Statistics of FillP

Start at: 2018-07-18 10:31:32
End at: 2018-07-18 10:32:02
Local clock offset: -6.086 ms
Remote clock offset: -6.557 ms

Below is generated by plot.py at 2018-07-18 12:25:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.09 Mbit/s
95th percentile per-packet one-way delay: 30.817 ms
Loss rate: 2.05%
-- Flow 1:
Average throughput: 59.81 Mbit/s
95th percentile per-packet one-way delay: 29.562 ms
Loss rate: 1.31%
-- Flow 2:
Average throughput: 39.32 Mbit/s
95th percentile per-packet one-way delay: 31.086 ms
Loss rate: 3.19%
-- Flow 3:
Average throughput: 30.46 Mbit/s
95th percentile per-packet one-way delay: 31.666 ms
Loss rate: 3.46%

Run 5: Report of FillP — Data Link

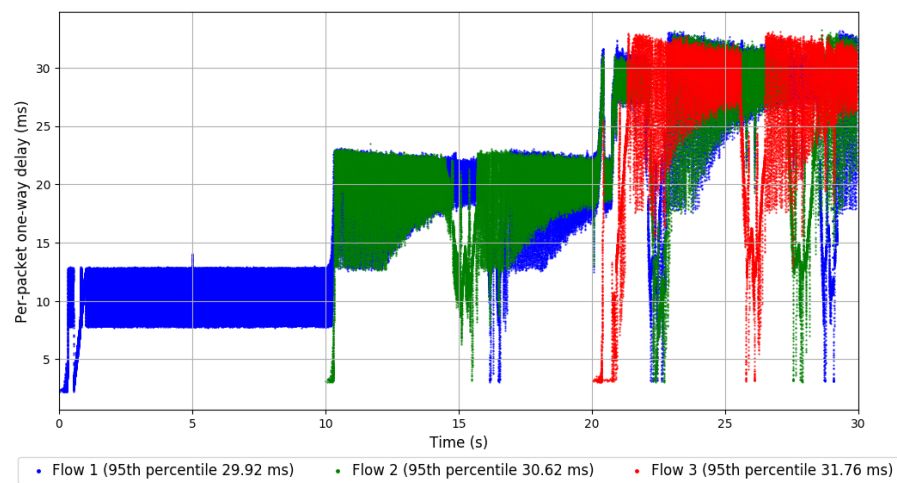
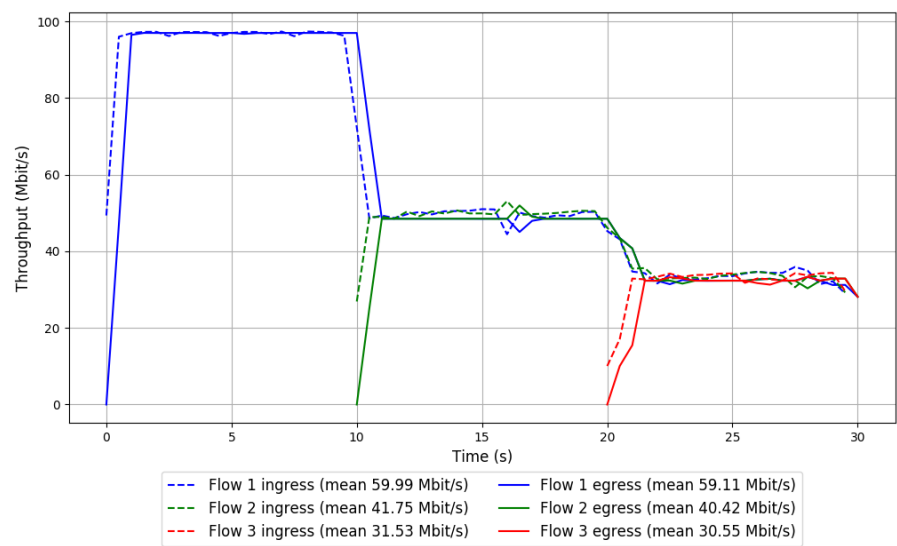


Run 6: Statistics of FillP

Start at: 2018-07-18 10:50:43
End at: 2018-07-18 10:51:13
Local clock offset: -6.244 ms
Remote clock offset: -6.457 ms

Below is generated by plot.py at 2018-07-18 12:25:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.13 Mbit/s
95th percentile per-packet one-way delay: 30.715 ms
Loss rate: 2.20%
-- Flow 1:
Average throughput: 59.11 Mbit/s
95th percentile per-packet one-way delay: 29.923 ms
Loss rate: 1.52%
-- Flow 2:
Average throughput: 40.42 Mbit/s
95th percentile per-packet one-way delay: 30.619 ms
Loss rate: 3.27%
-- Flow 3:
Average throughput: 30.55 Mbit/s
95th percentile per-packet one-way delay: 31.761 ms
Loss rate: 3.26%

Run 6: Report of FillP — Data Link

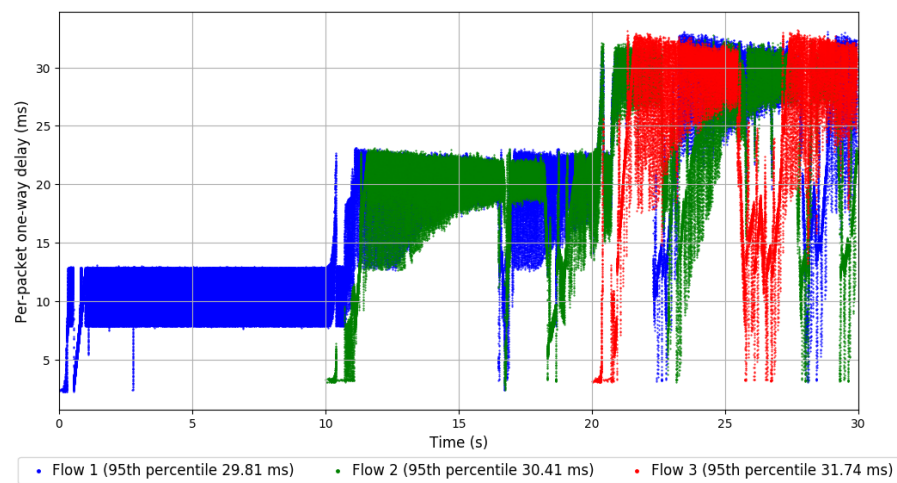
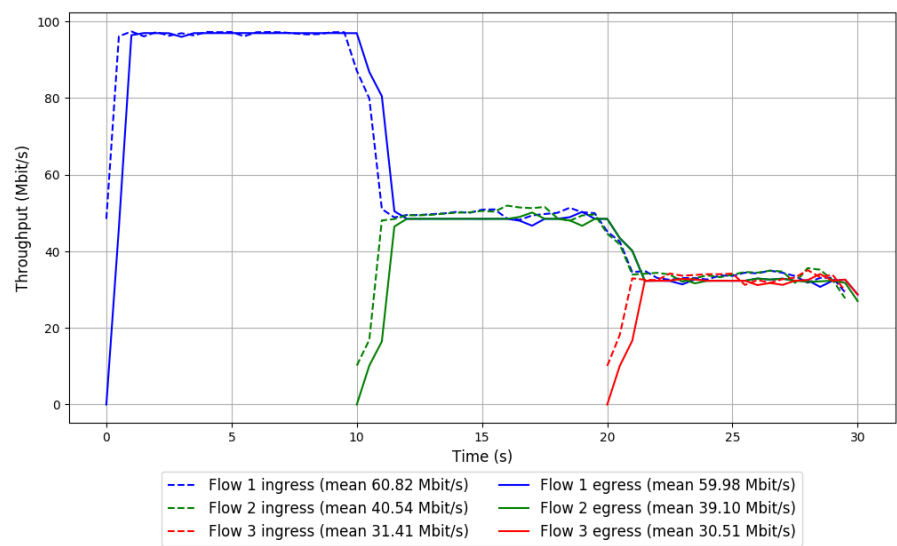


Run 7: Statistics of FillP

Start at: 2018-07-18 11:09:54
End at: 2018-07-18 11:10:24
Local clock offset: -5.866 ms
Remote clock offset: -7.38 ms

```
# Below is generated by plot.py at 2018-07-18 12:25:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.10 Mbit/s
95th percentile per-packet one-way delay: 30.568 ms
Loss rate: 2.17%
-- Flow 1:
Average throughput: 59.98 Mbit/s
95th percentile per-packet one-way delay: 29.812 ms
Loss rate: 1.42%
-- Flow 2:
Average throughput: 39.10 Mbit/s
95th percentile per-packet one-way delay: 30.410 ms
Loss rate: 3.58%
-- Flow 3:
Average throughput: 30.51 Mbit/s
95th percentile per-packet one-way delay: 31.738 ms
Loss rate: 2.93%
```

Run 7: Report of FillP — Data Link

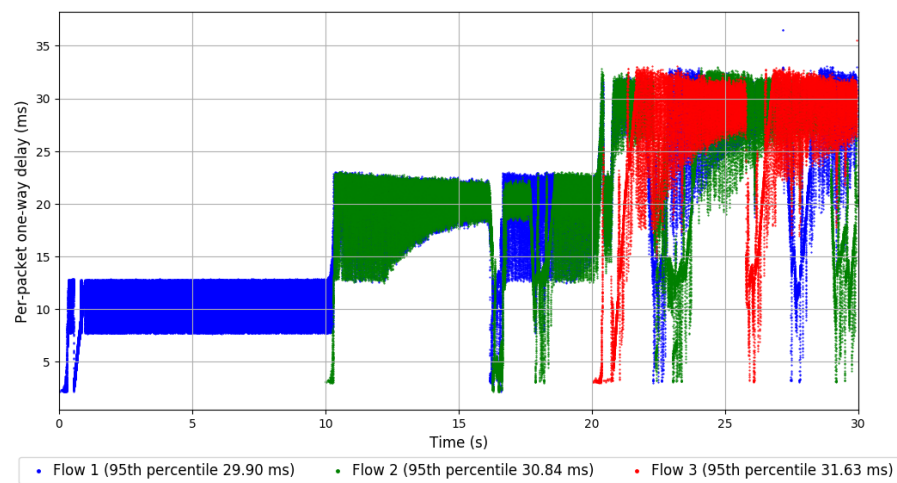
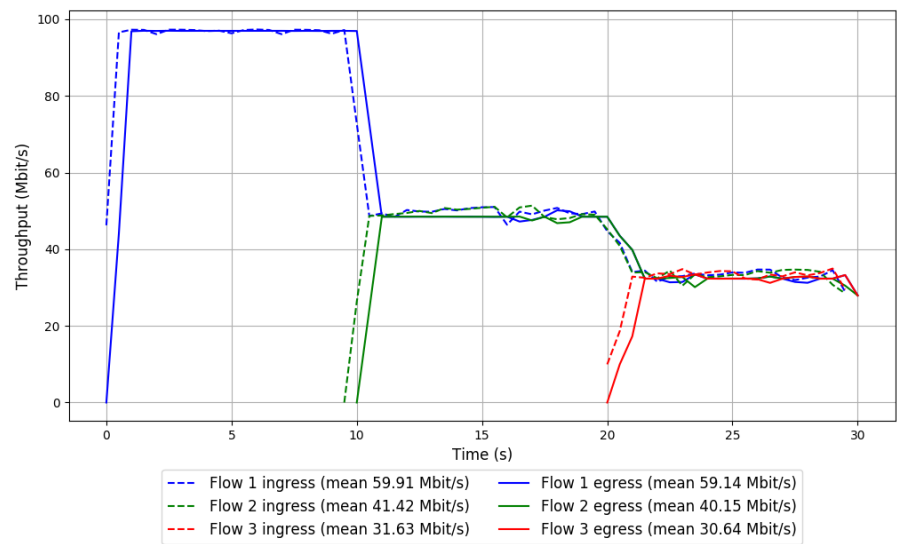


Run 8: Statistics of FillP

Start at: 2018-07-18 11:29:04
End at: 2018-07-18 11:29:34
Local clock offset: -5.767 ms
Remote clock offset: -7.341 ms

Below is generated by plot.py at 2018-07-18 12:25:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.02 Mbit/s
95th percentile per-packet one-way delay: 30.762 ms
Loss rate: 2.01%
-- Flow 1:
Average throughput: 59.14 Mbit/s
95th percentile per-packet one-way delay: 29.901 ms
Loss rate: 1.32%
-- Flow 2:
Average throughput: 40.15 Mbit/s
95th percentile per-packet one-way delay: 30.836 ms
Loss rate: 3.06%
-- Flow 3:
Average throughput: 30.64 Mbit/s
95th percentile per-packet one-way delay: 31.629 ms
Loss rate: 3.26%

Run 8: Report of FillP — Data Link

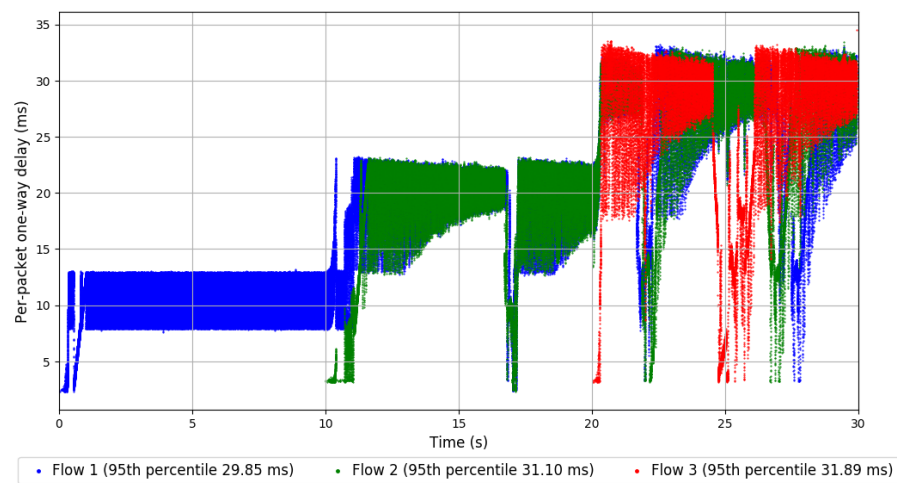
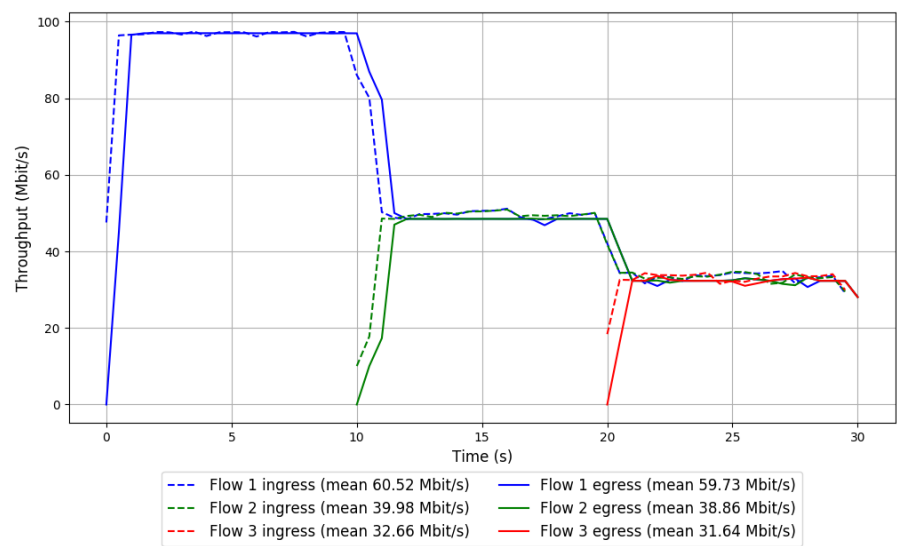


Run 9: Statistics of FillP

Start at: 2018-07-18 11:48:14
End at: 2018-07-18 11:48:44
Local clock offset: -5.563 ms
Remote clock offset: -6.262 ms

Below is generated by plot.py at 2018-07-18 12:26:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.06 Mbit/s
95th percentile per-packet one-way delay: 30.930 ms
Loss rate: 1.99%
-- Flow 1:
Average throughput: 59.73 Mbit/s
95th percentile per-packet one-way delay: 29.846 ms
Loss rate: 1.36%
-- Flow 2:
Average throughput: 38.86 Mbit/s
95th percentile per-packet one-way delay: 31.100 ms
Loss rate: 2.90%
-- Flow 3:
Average throughput: 31.64 Mbit/s
95th percentile per-packet one-way delay: 31.890 ms
Loss rate: 3.25%

Run 9: Report of FillP — Data Link

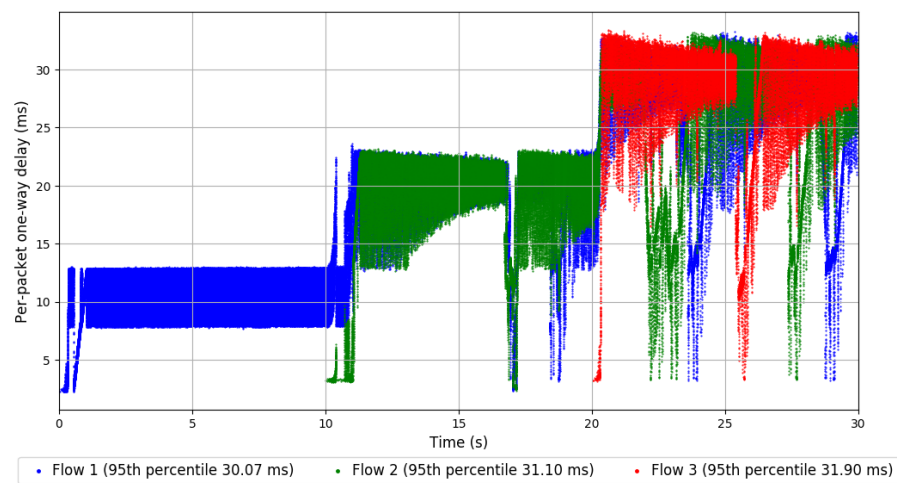
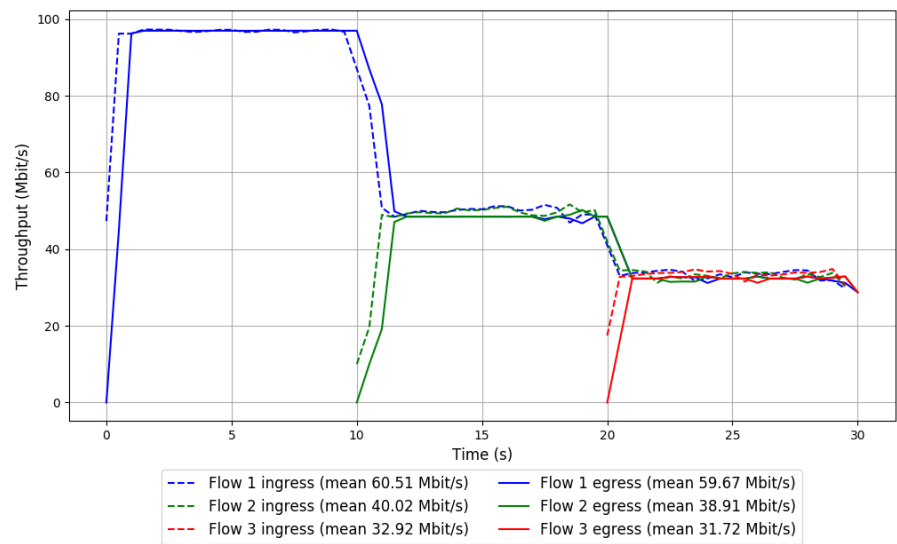


Run 10: Statistics of FillP

Start at: 2018-07-18 12:07:25
End at: 2018-07-18 12:07:55
Local clock offset: -5.79 ms
Remote clock offset: -3.577 ms

Below is generated by plot.py at 2018-07-18 12:26:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.07 Mbit/s
95th percentile per-packet one-way delay: 31.016 ms
Loss rate: 2.08%
-- Flow 1:
Average throughput: 59.67 Mbit/s
95th percentile per-packet one-way delay: 30.071 ms
Loss rate: 1.42%
-- Flow 2:
Average throughput: 38.91 Mbit/s
95th percentile per-packet one-way delay: 31.097 ms
Loss rate: 2.86%
-- Flow 3:
Average throughput: 31.72 Mbit/s
95th percentile per-packet one-way delay: 31.901 ms
Loss rate: 3.81%

Run 10: Report of FillP — Data Link

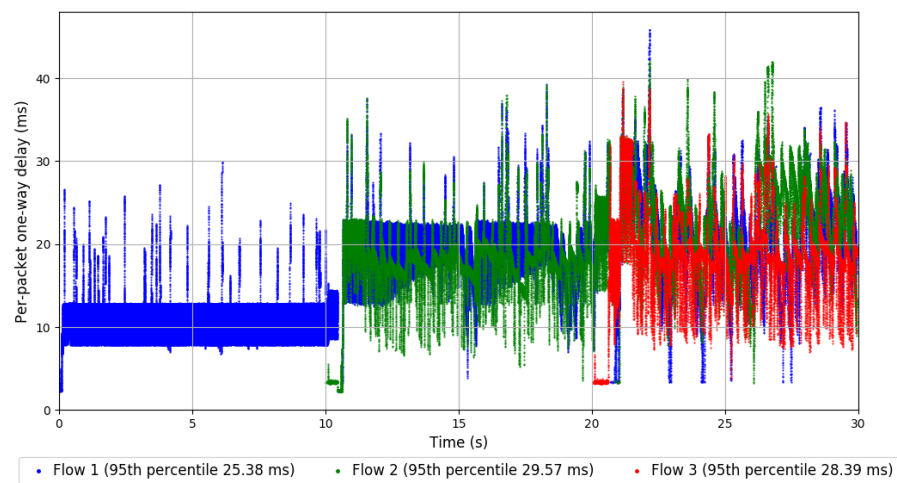
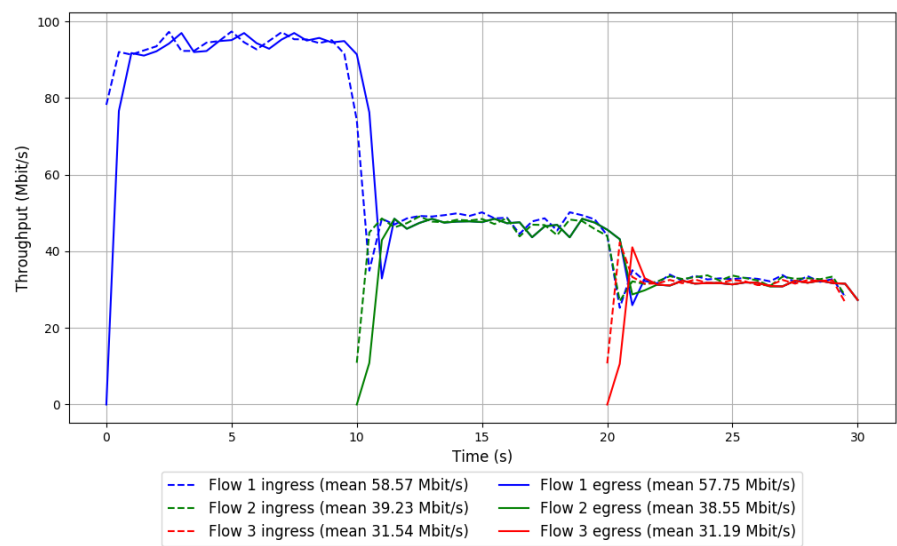


Run 1: Statistics of FillP-Sheep

Start at: 2018-07-18 09:13:49
End at: 2018-07-18 09:14:19
Local clock offset: -5.706 ms
Remote clock offset: -8.286 ms

Below is generated by plot.py at 2018-07-18 12:26:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.73 Mbit/s
95th percentile per-packet one-way delay: 27.776 ms
Loss rate: 1.47%
-- Flow 1:
Average throughput: 57.75 Mbit/s
95th percentile per-packet one-way delay: 25.381 ms
Loss rate: 1.41%
-- Flow 2:
Average throughput: 38.55 Mbit/s
95th percentile per-packet one-way delay: 29.571 ms
Loss rate: 1.75%
-- Flow 3:
Average throughput: 31.19 Mbit/s
95th percentile per-packet one-way delay: 28.392 ms
Loss rate: 1.07%

Run 1: Report of FillP-Sheep — Data Link

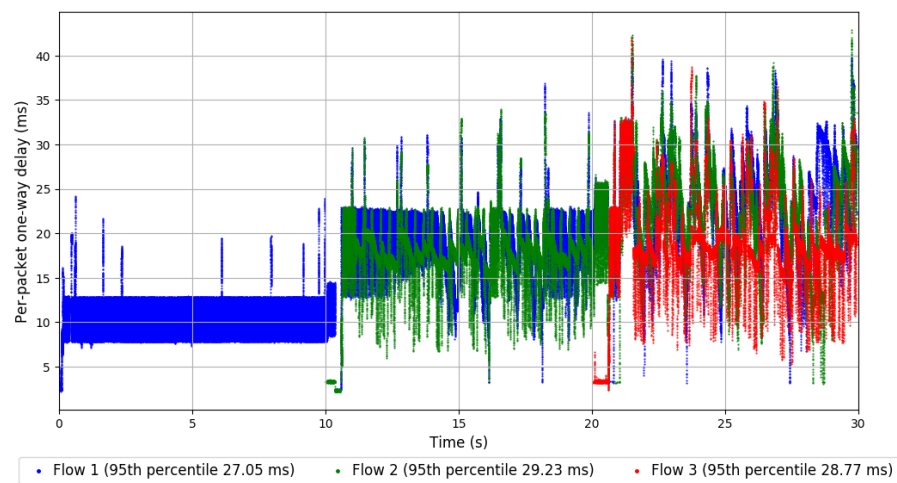
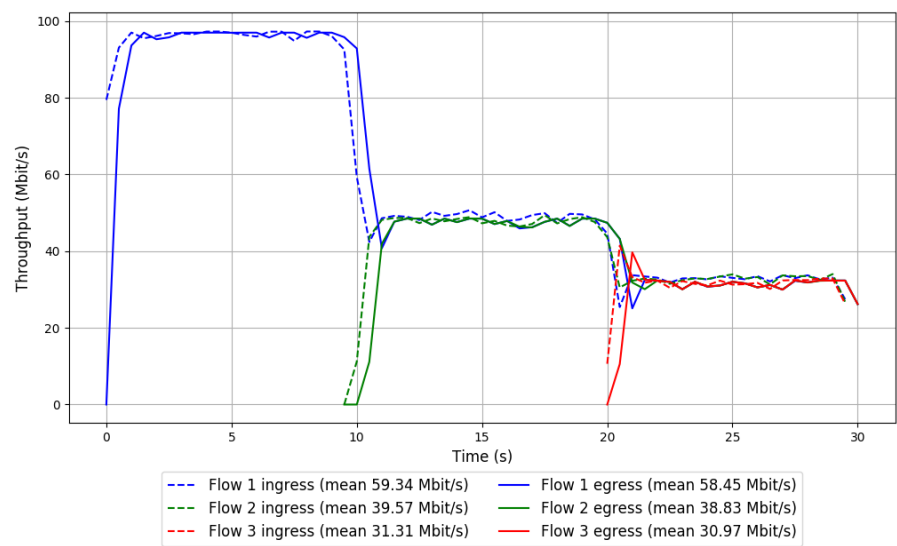


Run 2: Statistics of FillP-Sheep

Start at: 2018-07-18 09:32:58
End at: 2018-07-18 09:33:28
Local clock offset: -5.681 ms
Remote clock offset: -7.765 ms

Below is generated by plot.py at 2018-07-18 12:26:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.55 Mbit/s
95th percentile per-packet one-way delay: 28.092 ms
Loss rate: 1.58%
-- Flow 1:
Average throughput: 58.45 Mbit/s
95th percentile per-packet one-way delay: 27.052 ms
Loss rate: 1.52%
-- Flow 2:
Average throughput: 38.83 Mbit/s
95th percentile per-packet one-way delay: 29.227 ms
Loss rate: 1.90%
-- Flow 3:
Average throughput: 30.97 Mbit/s
95th percentile per-packet one-way delay: 28.772 ms
Loss rate: 1.13%

Run 2: Report of FillP-Sheep — Data Link

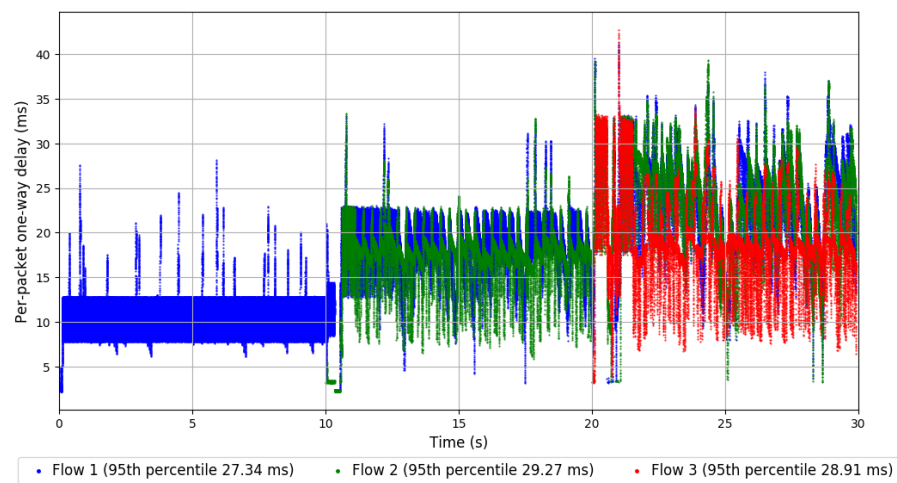
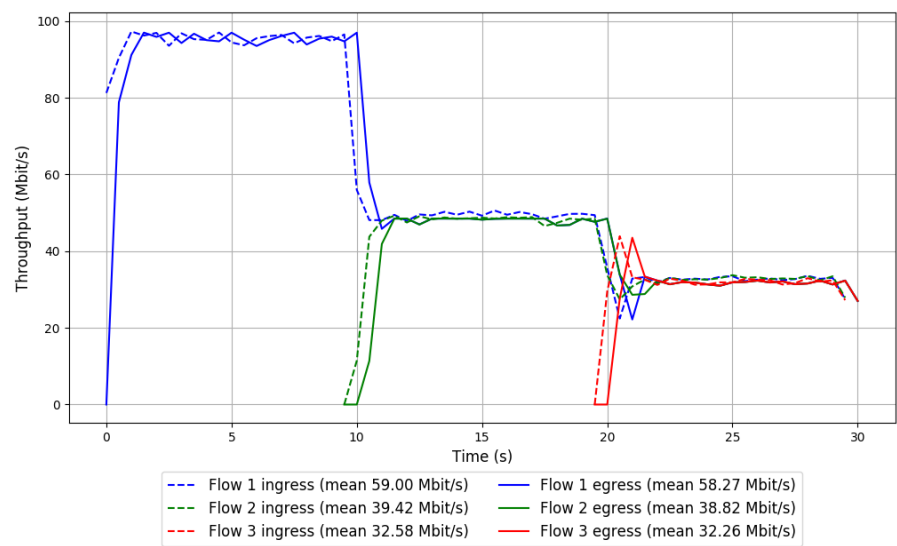


Run 3: Statistics of FillP-Sheep

Start at: 2018-07-18 09:52:06
End at: 2018-07-18 09:52:36
Local clock offset: -5.612 ms
Remote clock offset: -7.167 ms

Below is generated by plot.py at 2018-07-18 12:26:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.82 Mbit/s
95th percentile per-packet one-way delay: 28.190 ms
Loss rate: 1.31%
-- Flow 1:
Average throughput: 58.27 Mbit/s
95th percentile per-packet one-way delay: 27.340 ms
Loss rate: 1.25%
-- Flow 2:
Average throughput: 38.82 Mbit/s
95th percentile per-packet one-way delay: 29.273 ms
Loss rate: 1.55%
-- Flow 3:
Average throughput: 32.26 Mbit/s
95th percentile per-packet one-way delay: 28.915 ms
Loss rate: 1.04%

Run 3: Report of FillP-Sheep — Data Link

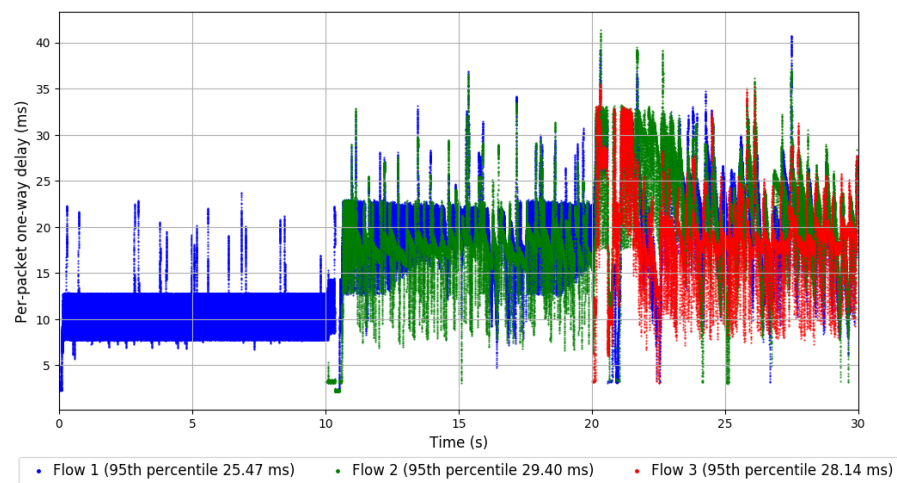
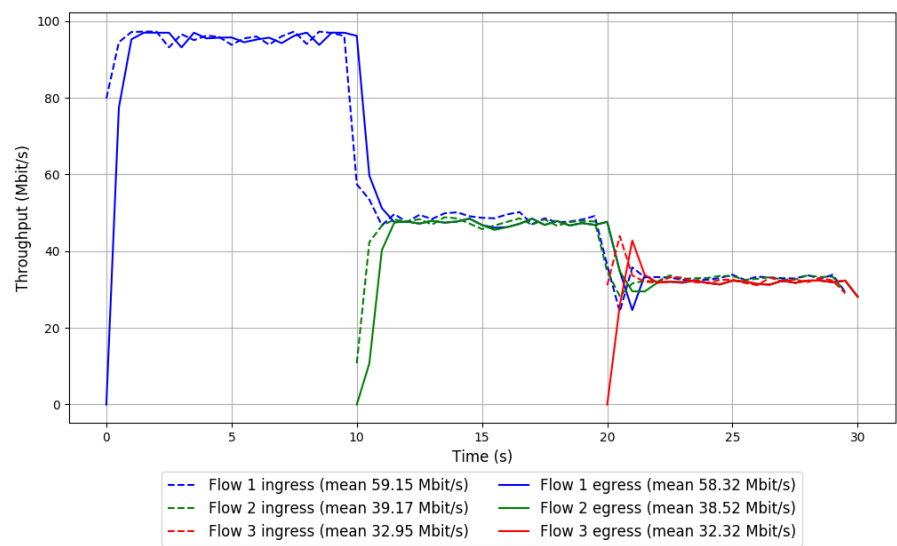


Run 4: Statistics of FillP-Sheep

Start at: 2018-07-18 10:11:15
End at: 2018-07-18 10:11:45
Local clock offset: -5.951 ms
Remote clock offset: -6.713 ms

Below is generated by plot.py at 2018-07-18 12:26:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.67 Mbit/s
95th percentile per-packet one-way delay: 27.339 ms
Loss rate: 1.52%
-- Flow 1:
Average throughput: 58.32 Mbit/s
95th percentile per-packet one-way delay: 25.471 ms
Loss rate: 1.38%
-- Flow 2:
Average throughput: 38.52 Mbit/s
95th percentile per-packet one-way delay: 29.398 ms
Loss rate: 1.63%
-- Flow 3:
Average throughput: 32.32 Mbit/s
95th percentile per-packet one-way delay: 28.139 ms
Loss rate: 1.97%

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2018-07-18 10:30:25

End at: 2018-07-18 10:30:55

Local clock offset: -6.06 ms

Remote clock offset: -6.53 ms

Below is generated by plot.py at 2018-07-18 12:26:34

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.09 Mbit/s

95th percentile per-packet one-way delay: 26.570 ms

Loss rate: 1.21%

-- Flow 1:

Average throughput: 59.05 Mbit/s

95th percentile per-packet one-way delay: 24.938 ms

Loss rate: 1.11%

-- Flow 2:

Average throughput: 39.35 Mbit/s

95th percentile per-packet one-way delay: 28.818 ms

Loss rate: 1.50%

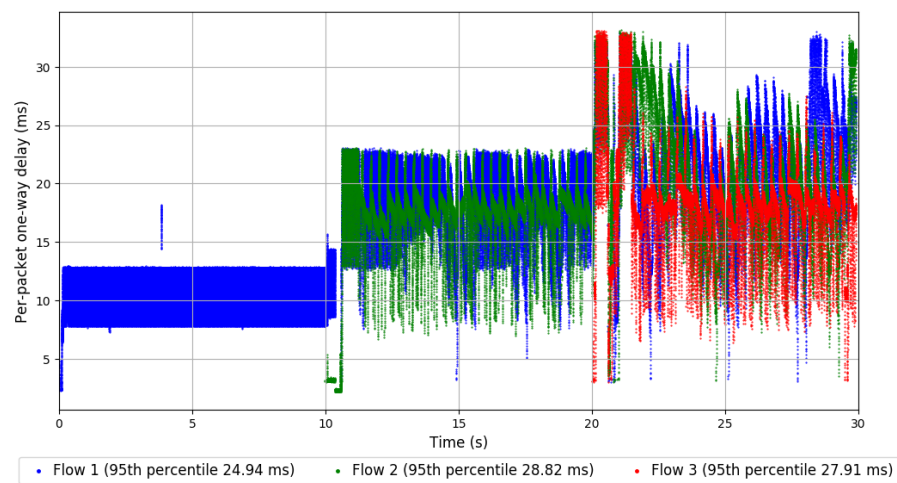
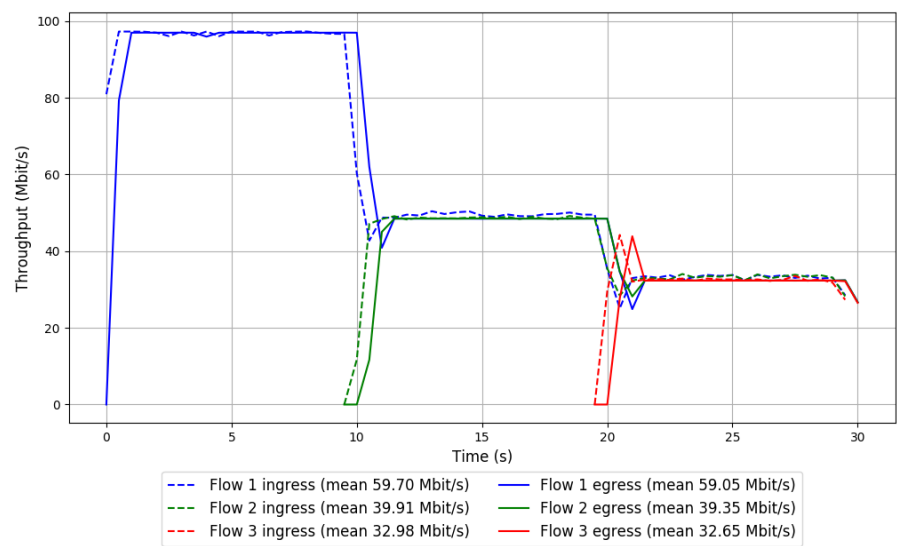
-- Flow 3:

Average throughput: 32.65 Mbit/s

95th percentile per-packet one-way delay: 27.906 ms

Loss rate: 1.02%

Run 5: Report of FillP-Sheep — Data Link

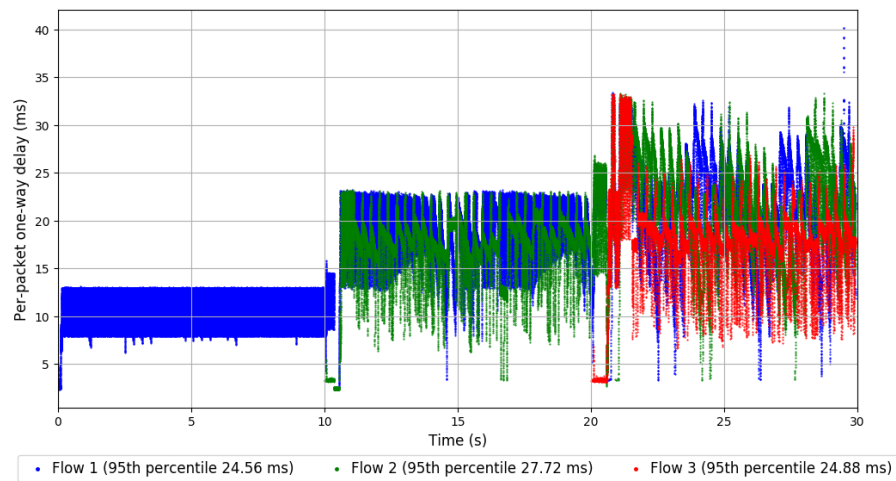
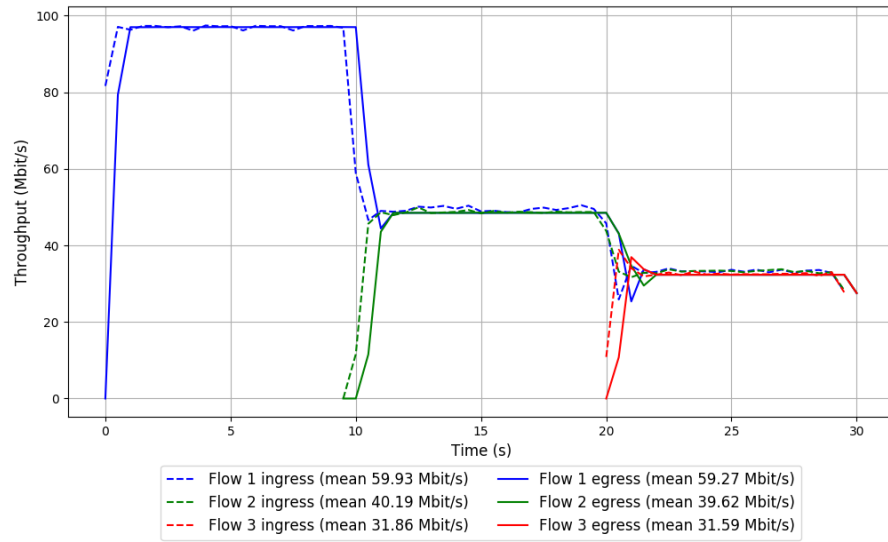


Run 6: Statistics of FillP-Sheep

Start at: 2018-07-18 10:49:36
End at: 2018-07-18 10:50:06
Local clock offset: -6.23 ms
Remote clock offset: -6.608 ms

Below is generated by plot.py at 2018-07-18 12:26:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.11 Mbit/s
95th percentile per-packet one-way delay: 25.960 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 59.27 Mbit/s
95th percentile per-packet one-way delay: 24.556 ms
Loss rate: 1.10%
-- Flow 2:
Average throughput: 39.62 Mbit/s
95th percentile per-packet one-way delay: 27.718 ms
Loss rate: 1.40%
-- Flow 3:
Average throughput: 31.59 Mbit/s
95th percentile per-packet one-way delay: 24.877 ms
Loss rate: 0.89%

Run 6: Report of FillP-Sheep — Data Link

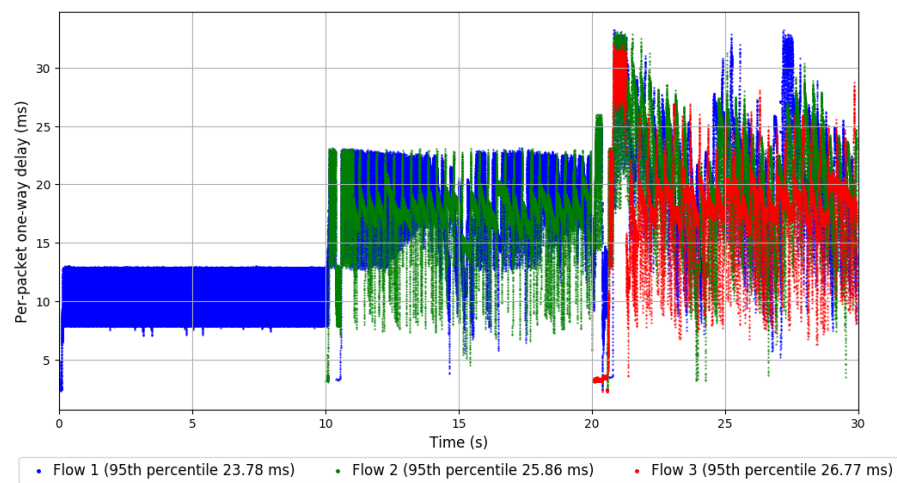
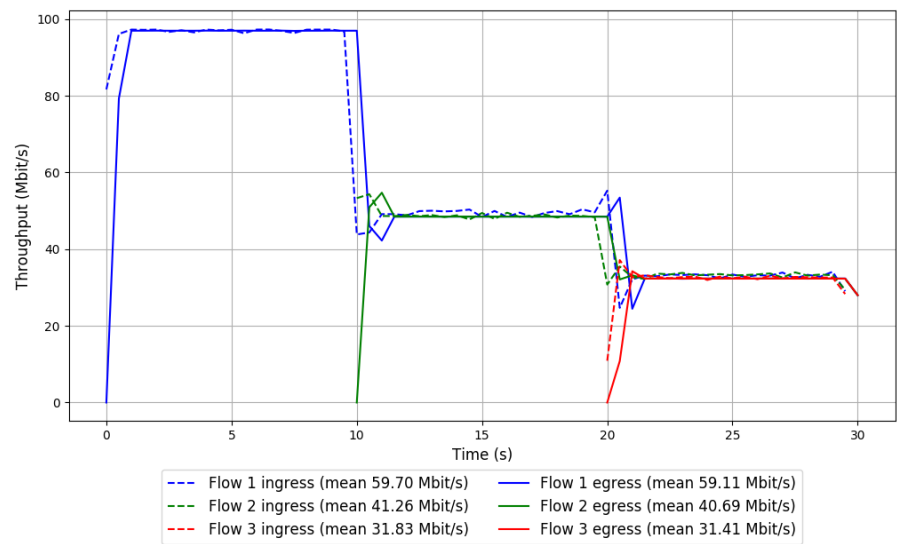


Run 7: Statistics of FillP-Sheep

Start at: 2018-07-18 11:08:47
End at: 2018-07-18 11:09:17
Local clock offset: -5.911 ms
Remote clock offset: -7.403 ms

Below is generated by plot.py at 2018-07-18 12:27:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.59 Mbit/s
95th percentile per-packet one-way delay: 24.706 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 59.11 Mbit/s
95th percentile per-packet one-way delay: 23.777 ms
Loss rate: 1.01%
-- Flow 2:
Average throughput: 40.69 Mbit/s
95th percentile per-packet one-way delay: 25.863 ms
Loss rate: 1.42%
-- Flow 3:
Average throughput: 31.41 Mbit/s
95th percentile per-packet one-way delay: 26.769 ms
Loss rate: 1.37%

Run 7: Report of FillP-Sheep — Data Link

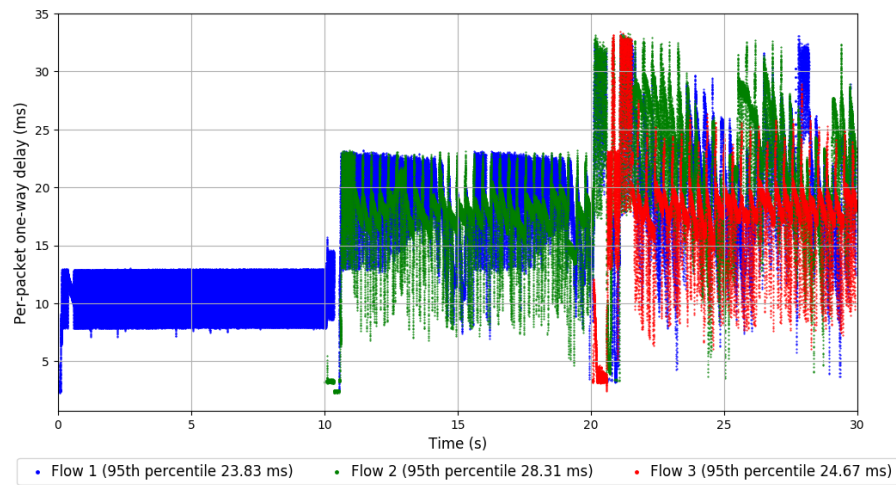
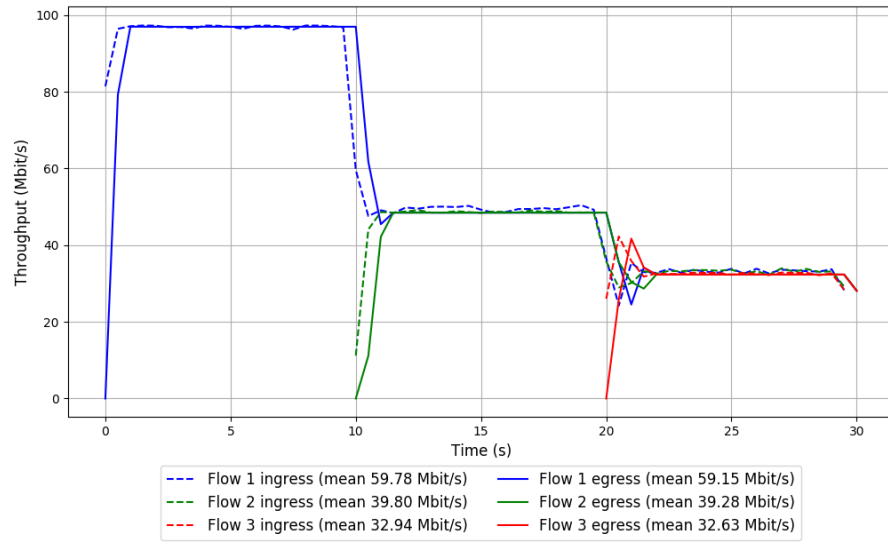


Run 8: Statistics of FillP-Sheep

Start at: 2018-07-18 11:27:57
End at: 2018-07-18 11:28:27
Local clock offset: -5.699 ms
Remote clock offset: -7.537 ms

Below is generated by plot.py at 2018-07-18 12:27:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.11 Mbit/s
95th percentile per-packet one-way delay: 26.240 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 59.15 Mbit/s
95th percentile per-packet one-way delay: 23.830 ms
Loss rate: 1.04%
-- Flow 2:
Average throughput: 39.28 Mbit/s
95th percentile per-packet one-way delay: 28.314 ms
Loss rate: 1.32%
-- Flow 3:
Average throughput: 32.63 Mbit/s
95th percentile per-packet one-way delay: 24.670 ms
Loss rate: 0.98%

Run 8: Report of FillP-Sheep — Data Link

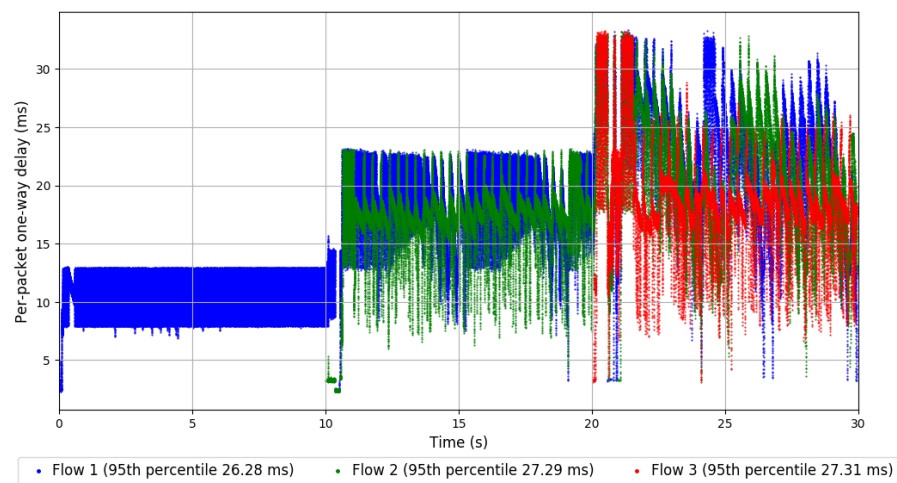
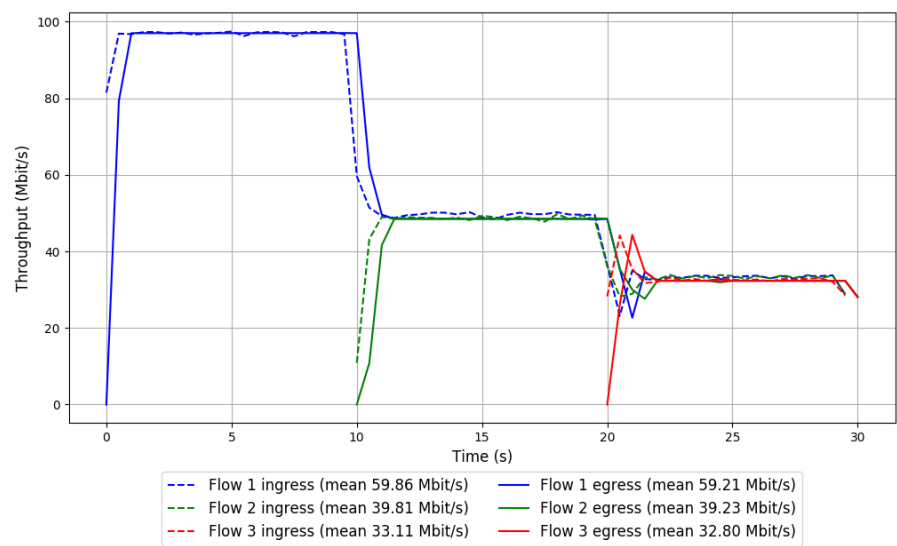


Run 9: Statistics of FillP-Sheep

Start at: 2018-07-18 11:47:07
End at: 2018-07-18 11:47:37
Local clock offset: -5.582 ms
Remote clock offset: -6.288 ms

Below is generated by plot.py at 2018-07-18 12:27:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.17 Mbit/s
95th percentile per-packet one-way delay: 26.735 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 59.21 Mbit/s
95th percentile per-packet one-way delay: 26.276 ms
Loss rate: 1.09%
-- Flow 2:
Average throughput: 39.23 Mbit/s
95th percentile per-packet one-way delay: 27.289 ms
Loss rate: 1.48%
-- Flow 3:
Average throughput: 32.80 Mbit/s
95th percentile per-packet one-way delay: 27.310 ms
Loss rate: 0.97%

Run 9: Report of FillP-Sheep — Data Link

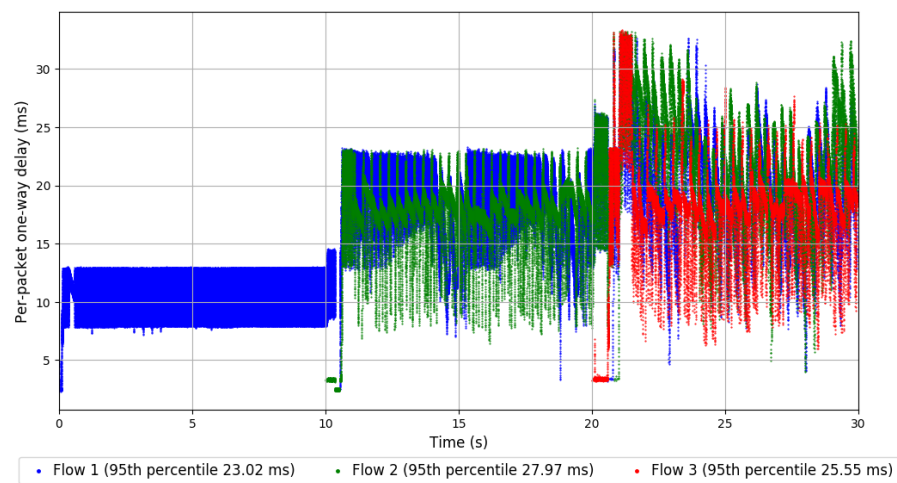
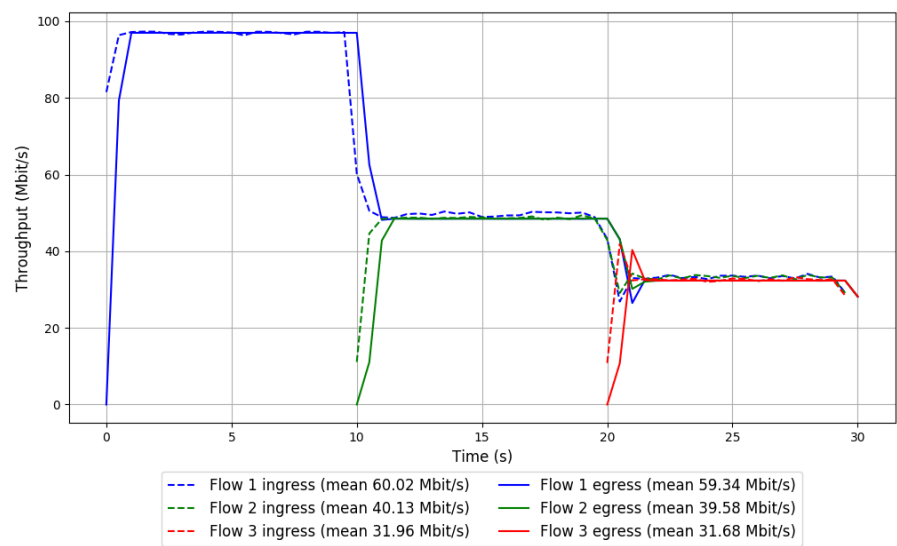


Run 10: Statistics of FillP-Sheep

Start at: 2018-07-18 12:06:17
End at: 2018-07-18 12:06:47
Local clock offset: -5.724 ms
Remote clock offset: -3.914 ms

Below is generated by plot.py at 2018-07-18 12:27:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.18 Mbit/s
95th percentile per-packet one-way delay: 25.138 ms
Loss rate: 1.17%
-- Flow 1:
Average throughput: 59.34 Mbit/s
95th percentile per-packet one-way delay: 23.022 ms
Loss rate: 1.12%
-- Flow 2:
Average throughput: 39.58 Mbit/s
95th percentile per-packet one-way delay: 27.966 ms
Loss rate: 1.38%
-- Flow 3:
Average throughput: 31.68 Mbit/s
95th percentile per-packet one-way delay: 25.548 ms
Loss rate: 0.91%

Run 10: Report of FillP-Sheep — Data Link

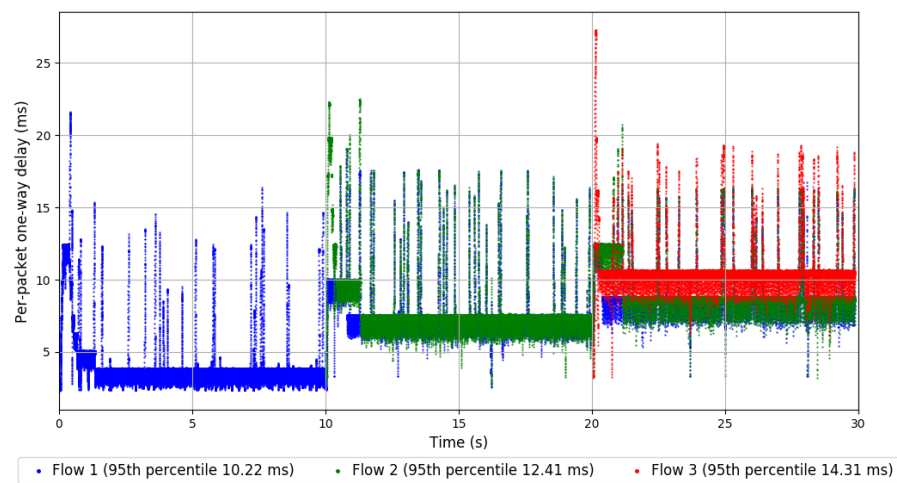
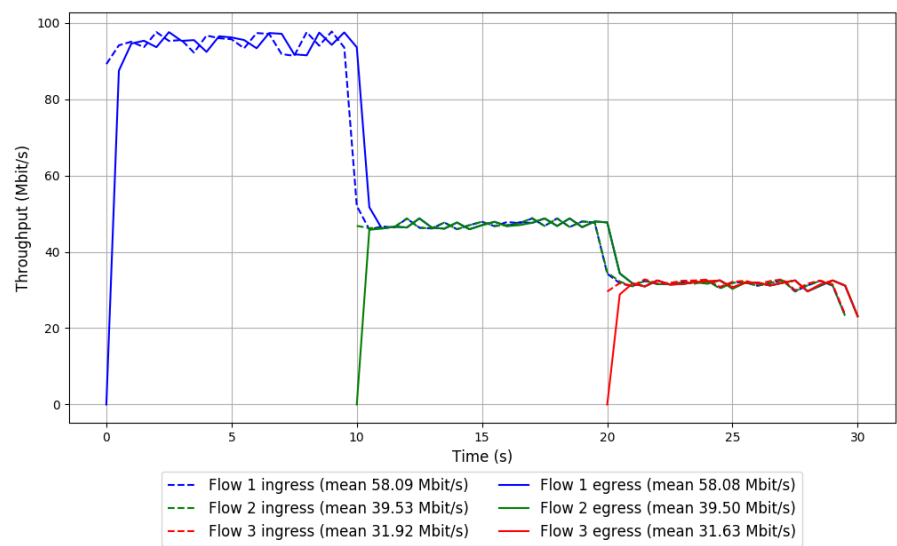


Run 1: Statistics of Indigo

Start at: 2018-07-18 09:17:11
End at: 2018-07-18 09:17:41
Local clock offset: -5.738 ms
Remote clock offset: -8.066 ms

Below is generated by plot.py at 2018-07-18 12:27:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.74 Mbit/s
95th percentile per-packet one-way delay: 12.025 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 58.08 Mbit/s
95th percentile per-packet one-way delay: 10.219 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 39.50 Mbit/s
95th percentile per-packet one-way delay: 12.414 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 31.63 Mbit/s
95th percentile per-packet one-way delay: 14.308 ms
Loss rate: 0.97%

Run 1: Report of Indigo — Data Link

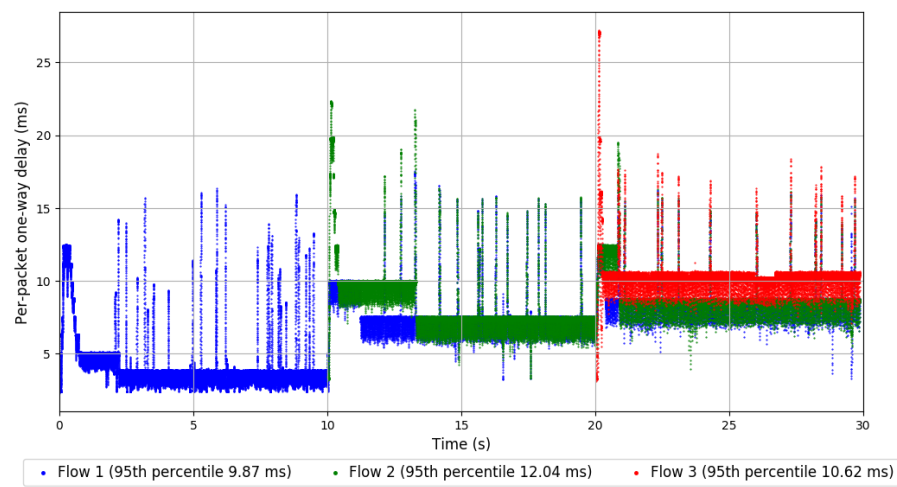
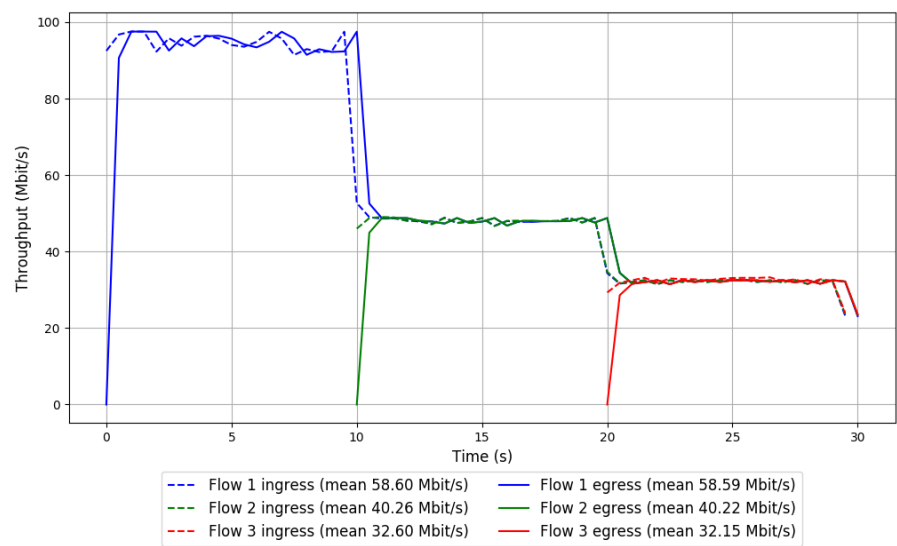


Run 2: Statistics of Indigo

Start at: 2018-07-18 09:36:20
End at: 2018-07-18 09:36:50
Local clock offset: -5.662 ms
Remote clock offset: -7.807 ms

Below is generated by plot.py at 2018-07-18 12:27:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.90 Mbit/s
95th percentile per-packet one-way delay: 10.567 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 58.59 Mbit/s
95th percentile per-packet one-way delay: 9.868 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 40.22 Mbit/s
95th percentile per-packet one-way delay: 12.040 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 32.15 Mbit/s
95th percentile per-packet one-way delay: 10.615 ms
Loss rate: 1.42%

Run 2: Report of Indigo — Data Link

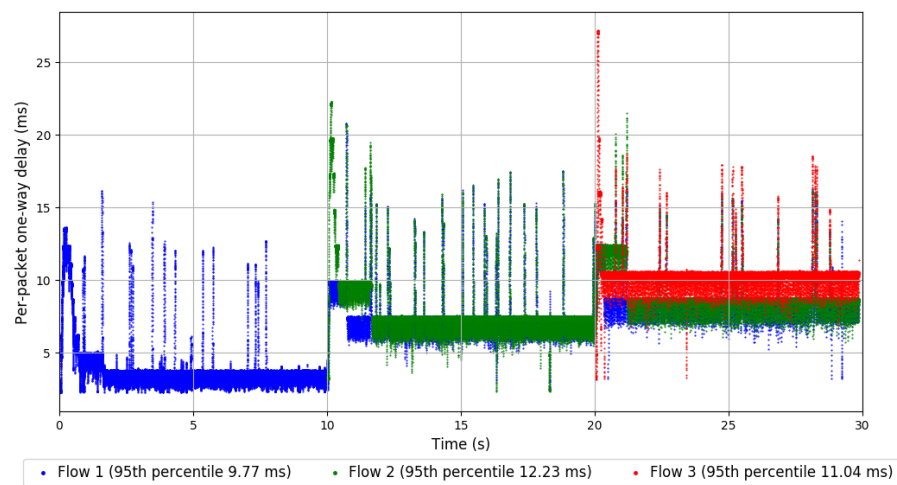
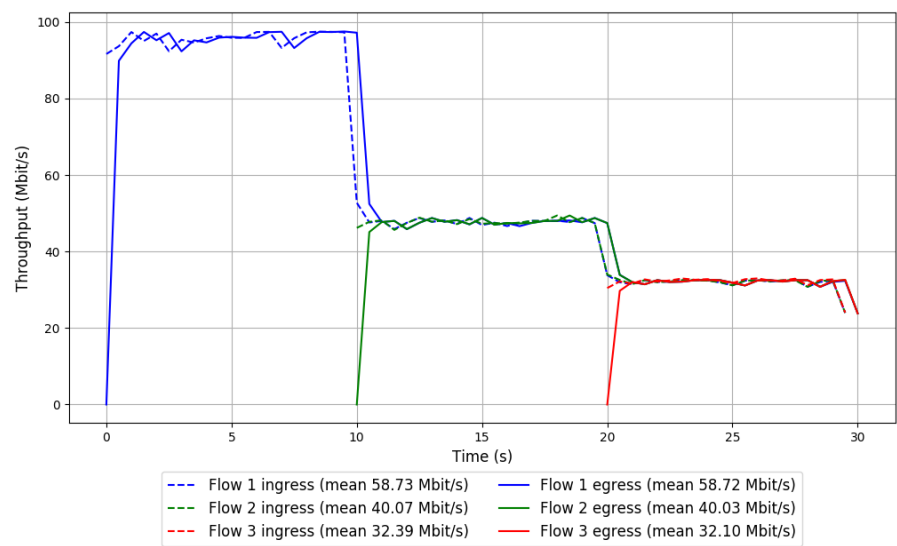


Run 3: Statistics of Indigo

Start at: 2018-07-18 09:55:28
End at: 2018-07-18 09:55:58
Local clock offset: -5.689 ms
Remote clock offset: -7.017 ms

Below is generated by plot.py at 2018-07-18 12:27:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.91 Mbit/s
95th percentile per-packet one-way delay: 10.901 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 58.72 Mbit/s
95th percentile per-packet one-way delay: 9.765 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 40.03 Mbit/s
95th percentile per-packet one-way delay: 12.235 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 32.10 Mbit/s
95th percentile per-packet one-way delay: 11.037 ms
Loss rate: 0.94%

Run 3: Report of Indigo — Data Link

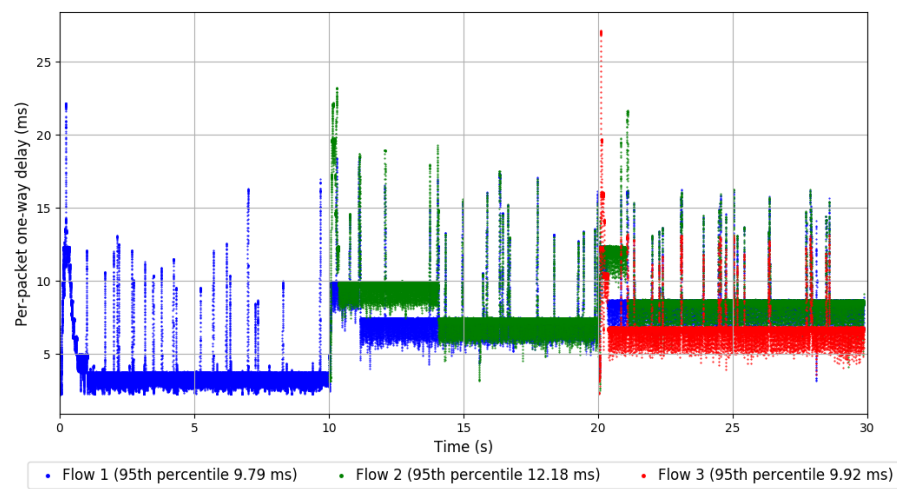
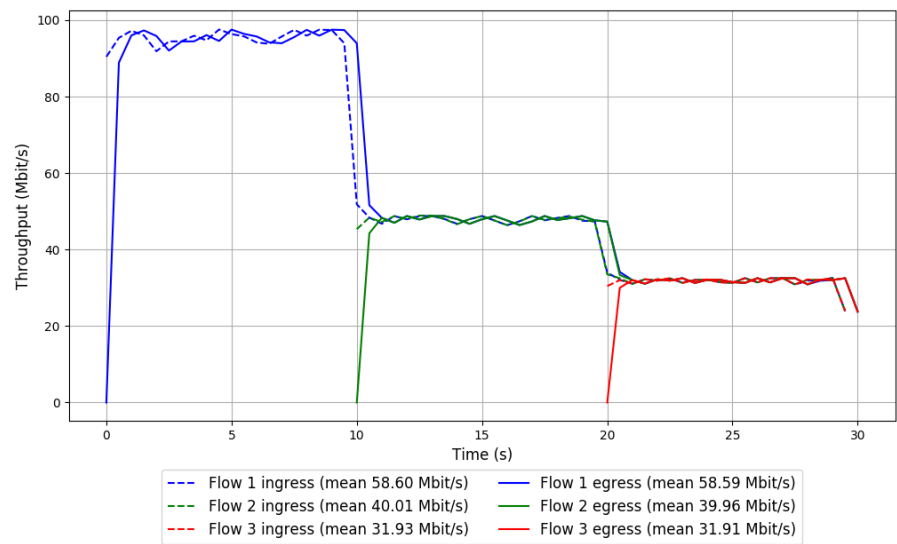


Run 4: Statistics of Indigo

Start at: 2018-07-18 10:14:37
End at: 2018-07-18 10:15:07
Local clock offset: -5.974 ms
Remote clock offset: -6.664 ms

Below is generated by plot.py at 2018-07-18 12:27:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.67 Mbit/s
95th percentile per-packet one-way delay: 10.447 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 58.59 Mbit/s
95th percentile per-packet one-way delay: 9.792 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 39.96 Mbit/s
95th percentile per-packet one-way delay: 12.175 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 31.91 Mbit/s
95th percentile per-packet one-way delay: 9.917 ms
Loss rate: 0.10%

Run 4: Report of Indigo — Data Link

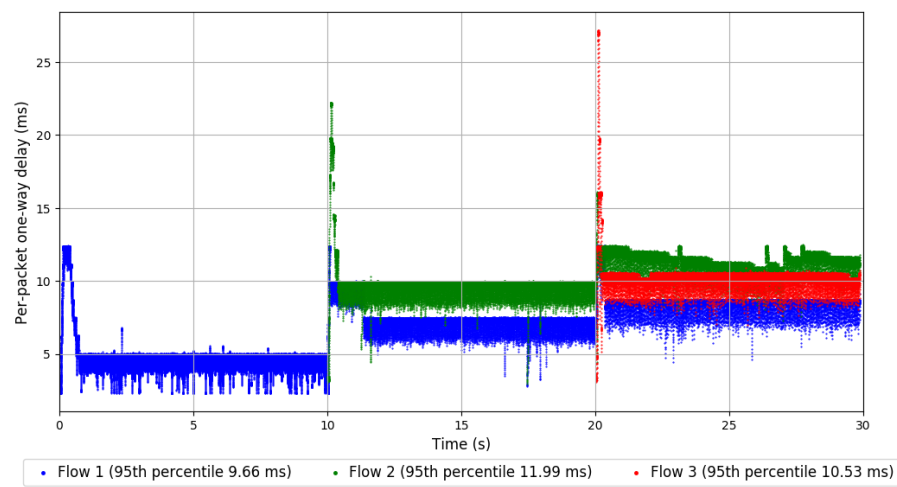
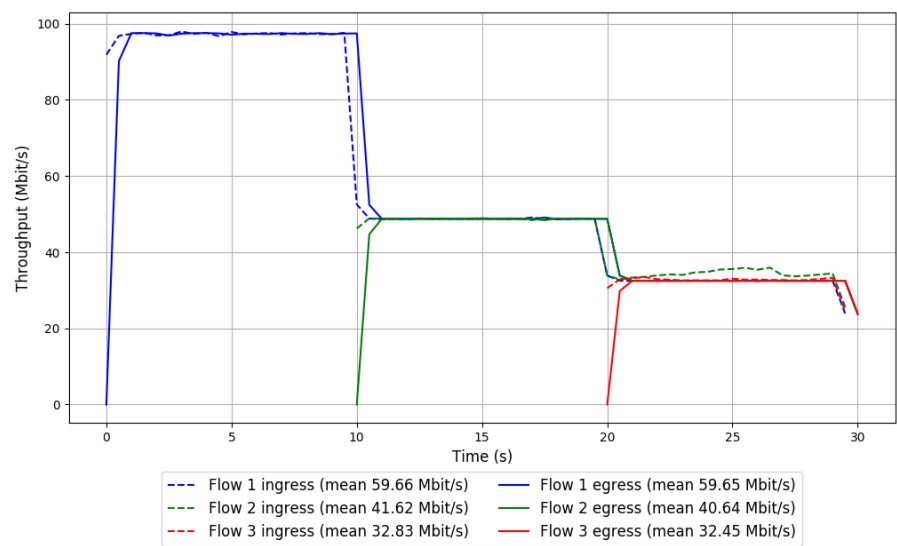


Run 5: Statistics of Indigo

Start at: 2018-07-18 10:33:47
End at: 2018-07-18 10:34:17
Local clock offset: -6.166 ms
Remote clock offset: -6.519 ms

Below is generated by plot.py at 2018-07-18 12:28:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.36 Mbit/s
95th percentile per-packet one-way delay: 11.580 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 59.65 Mbit/s
95th percentile per-packet one-way delay: 9.665 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 40.64 Mbit/s
95th percentile per-packet one-way delay: 11.991 ms
Loss rate: 2.38%
-- Flow 3:
Average throughput: 32.45 Mbit/s
95th percentile per-packet one-way delay: 10.527 ms
Loss rate: 1.20%

Run 5: Report of Indigo — Data Link

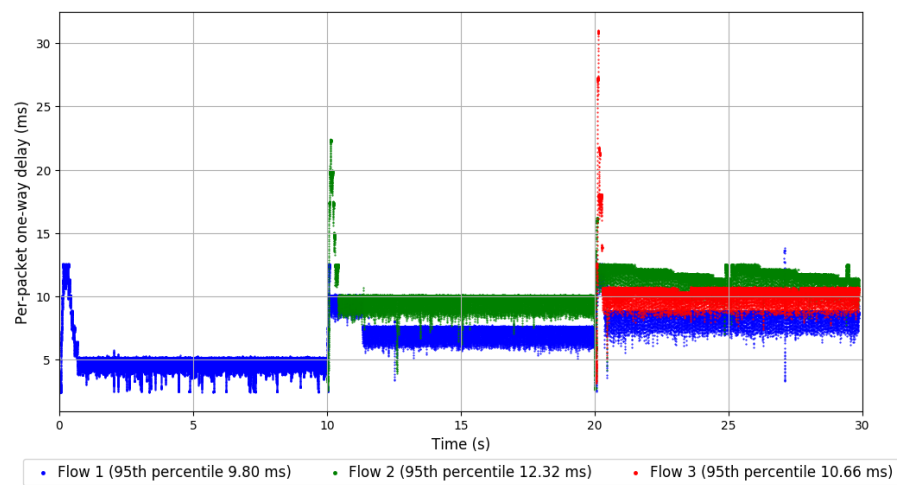
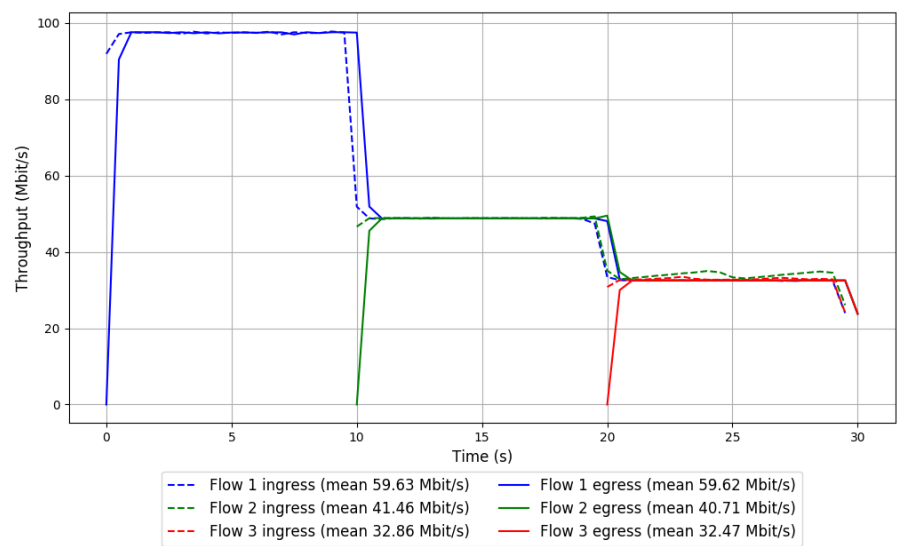


Run 6: Statistics of Indigo

Start at: 2018-07-18 10:52:58
End at: 2018-07-18 10:53:28
Local clock offset: -6.25 ms
Remote clock offset: -6.545 ms

Below is generated by plot.py at 2018-07-18 12:28:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 11.927 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 59.62 Mbit/s
95th percentile per-packet one-way delay: 9.805 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 40.71 Mbit/s
95th percentile per-packet one-way delay: 12.321 ms
Loss rate: 1.91%
-- Flow 3:
Average throughput: 32.47 Mbit/s
95th percentile per-packet one-way delay: 10.662 ms
Loss rate: 1.23%

Run 6: Report of Indigo — Data Link

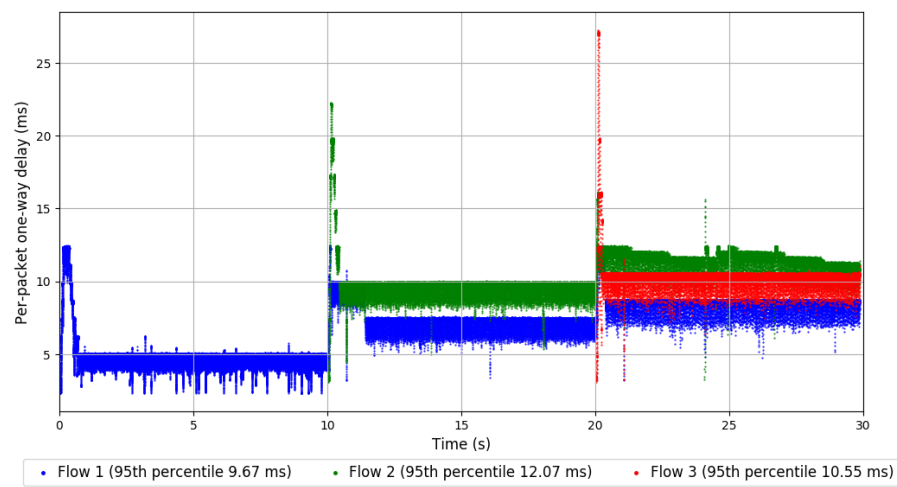
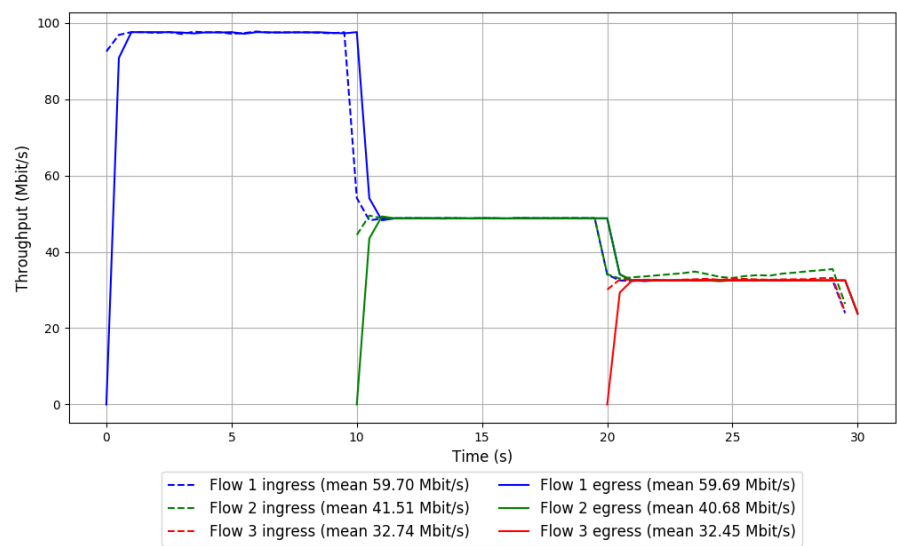


Run 7: Statistics of Indigo

Start at: 2018-07-18 11:12:09
End at: 2018-07-18 11:12:39
Local clock offset: -5.911 ms
Remote clock offset: -7.427 ms

Below is generated by plot.py at 2018-07-18 12:28:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.39 Mbit/s
95th percentile per-packet one-way delay: 11.687 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 59.69 Mbit/s
95th percentile per-packet one-way delay: 9.667 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 40.68 Mbit/s
95th percentile per-packet one-way delay: 12.072 ms
Loss rate: 2.04%
-- Flow 3:
Average throughput: 32.45 Mbit/s
95th percentile per-packet one-way delay: 10.548 ms
Loss rate: 0.95%

Run 7: Report of Indigo — Data Link

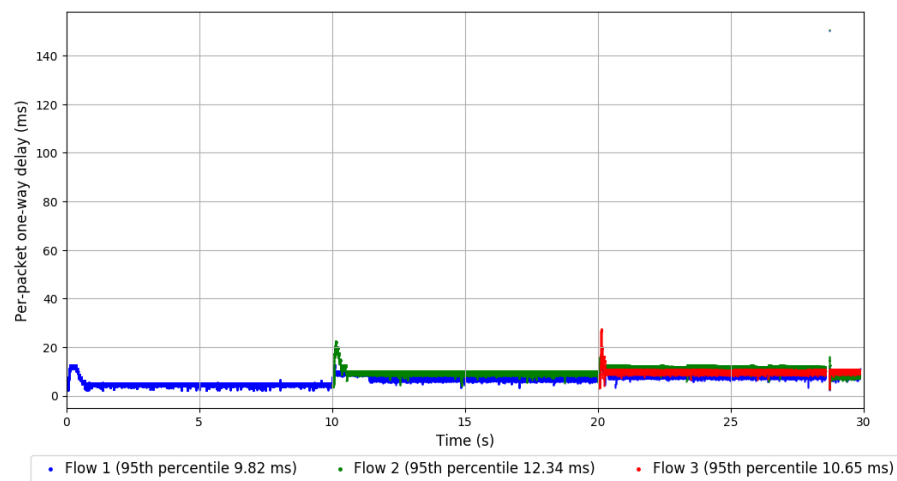
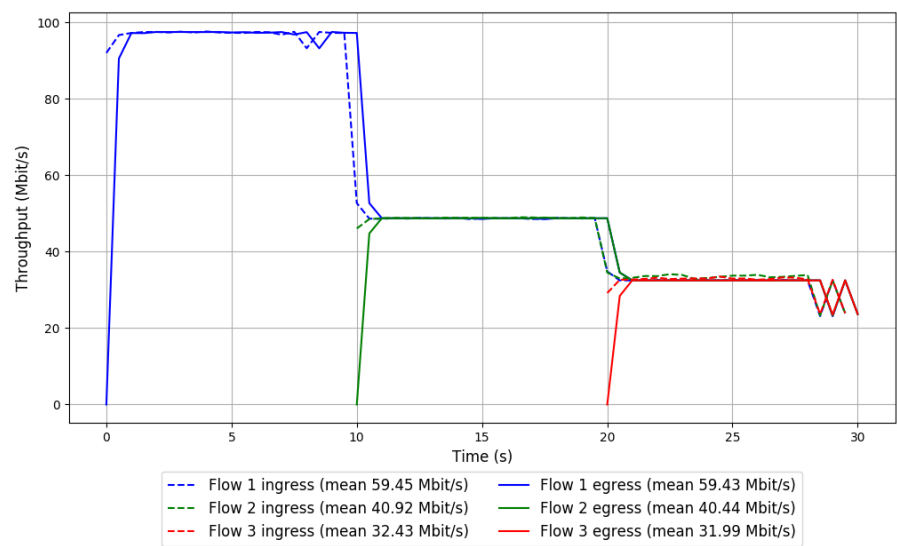


Run 8: Statistics of Indigo

Start at: 2018-07-18 11:31:19
End at: 2018-07-18 11:31:49
Local clock offset: -5.68 ms
Remote clock offset: -7.101 ms

Below is generated by plot.py at 2018-07-18 12:28:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.83 Mbit/s
95th percentile per-packet one-way delay: 11.989 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 59.43 Mbit/s
95th percentile per-packet one-way delay: 9.819 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 40.44 Mbit/s
95th percentile per-packet one-way delay: 12.341 ms
Loss rate: 1.19%
-- Flow 3:
Average throughput: 31.99 Mbit/s
95th percentile per-packet one-way delay: 10.648 ms
Loss rate: 1.39%

Run 8: Report of Indigo — Data Link

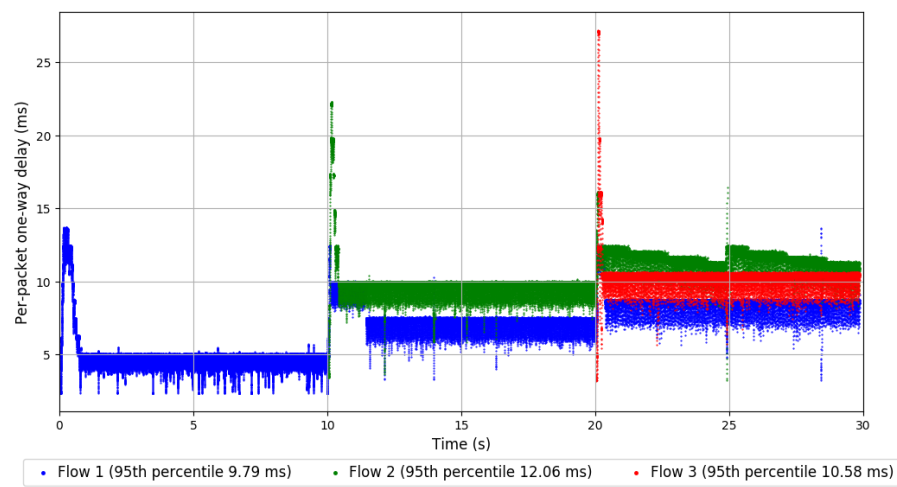
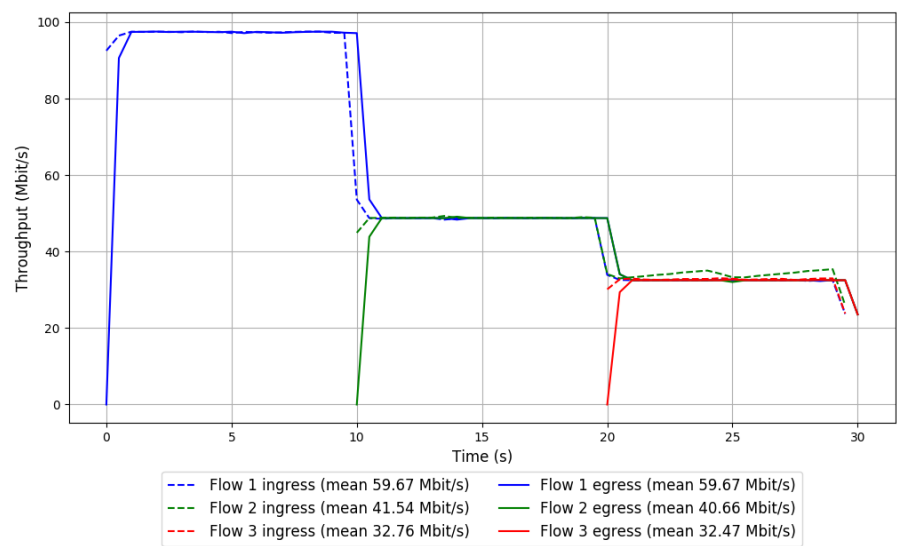


Run 9: Statistics of Indigo

Start at: 2018-07-18 11:50:29
End at: 2018-07-18 11:50:59
Local clock offset: -5.561 ms
Remote clock offset: -6.126 ms

Below is generated by plot.py at 2018-07-18 12:28:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 11.778 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 59.67 Mbit/s
95th percentile per-packet one-way delay: 9.787 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 40.66 Mbit/s
95th percentile per-packet one-way delay: 12.064 ms
Loss rate: 2.14%
-- Flow 3:
Average throughput: 32.47 Mbit/s
95th percentile per-packet one-way delay: 10.581 ms
Loss rate: 0.95%

Run 9: Report of Indigo — Data Link

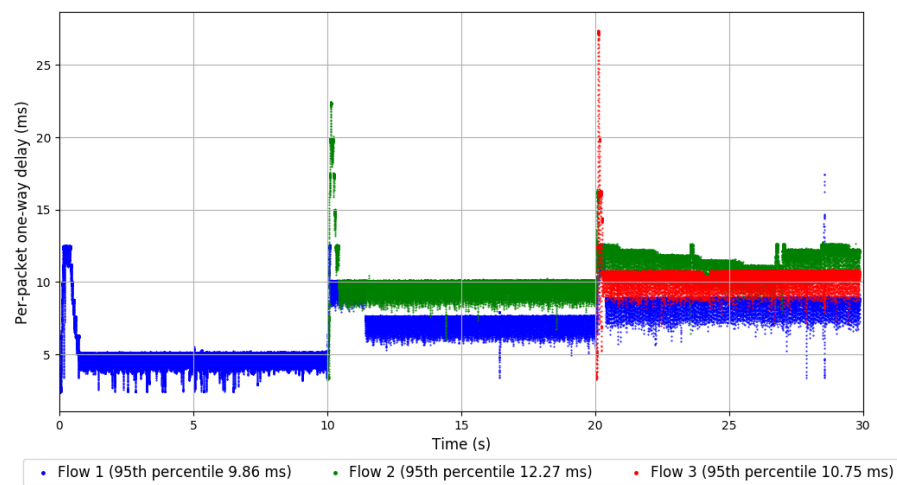
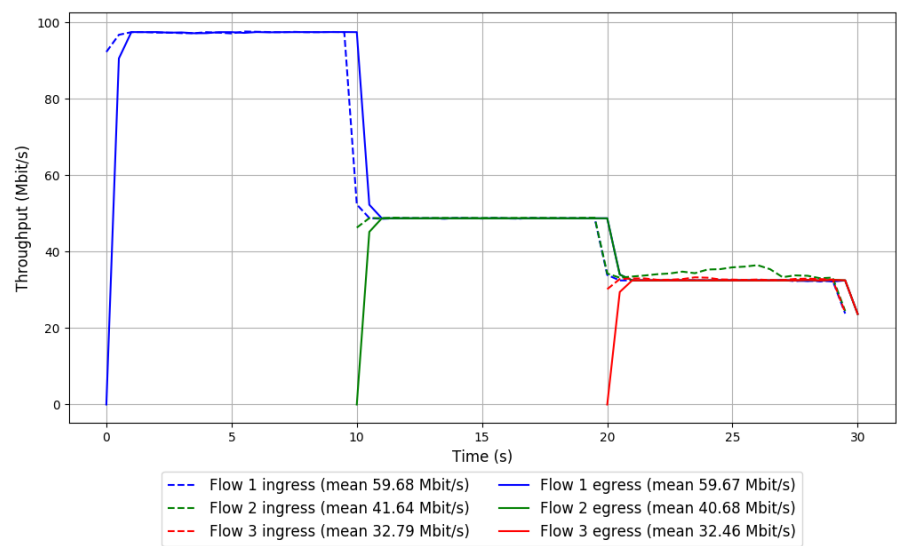


Run 10: Statistics of Indigo

Start at: 2018-07-18 12:09:40
End at: 2018-07-18 12:10:10
Local clock offset: -5.815 ms
Remote clock offset: -2.998 ms

Below is generated by plot.py at 2018-07-18 12:28:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.40 Mbit/s
95th percentile per-packet one-way delay: 11.975 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 59.67 Mbit/s
95th percentile per-packet one-way delay: 9.860 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 40.68 Mbit/s
95th percentile per-packet one-way delay: 12.266 ms
Loss rate: 2.33%
-- Flow 3:
Average throughput: 32.46 Mbit/s
95th percentile per-packet one-way delay: 10.754 ms
Loss rate: 1.05%

Run 10: Report of Indigo — Data Link



Run 1: Statistics of LEDBAT

Start at: 2018-07-18 09:03:40

End at: 2018-07-18 09:04:10

Local clock offset: -5.577 ms

Remote clock offset: -8.31 ms

Below is generated by plot.py at 2018-07-18 12:29:01

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.97 Mbit/s

95th percentile per-packet one-way delay: 13.667 ms

Loss rate: 0.18%

-- Flow 1:

Average throughput: 58.69 Mbit/s

95th percentile per-packet one-way delay: 13.453 ms

Loss rate: 0.12%

-- Flow 2:

Average throughput: 40.08 Mbit/s

95th percentile per-packet one-way delay: 14.348 ms

Loss rate: 0.22%

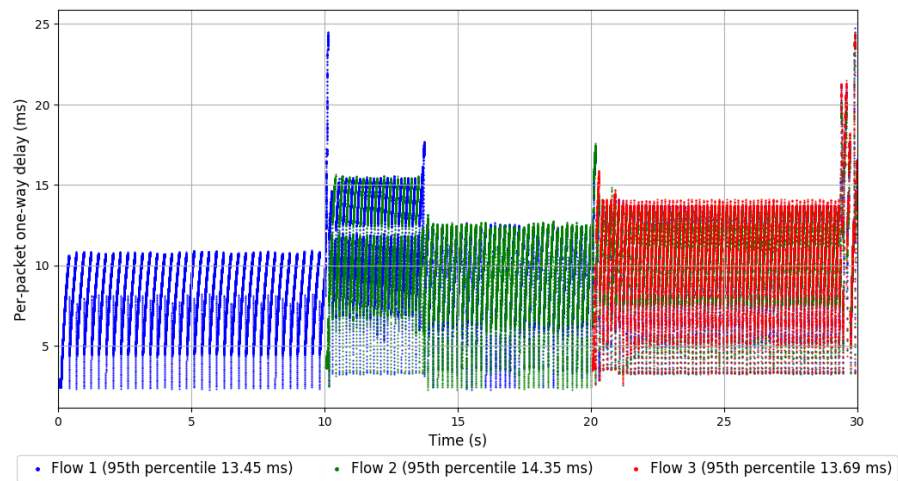
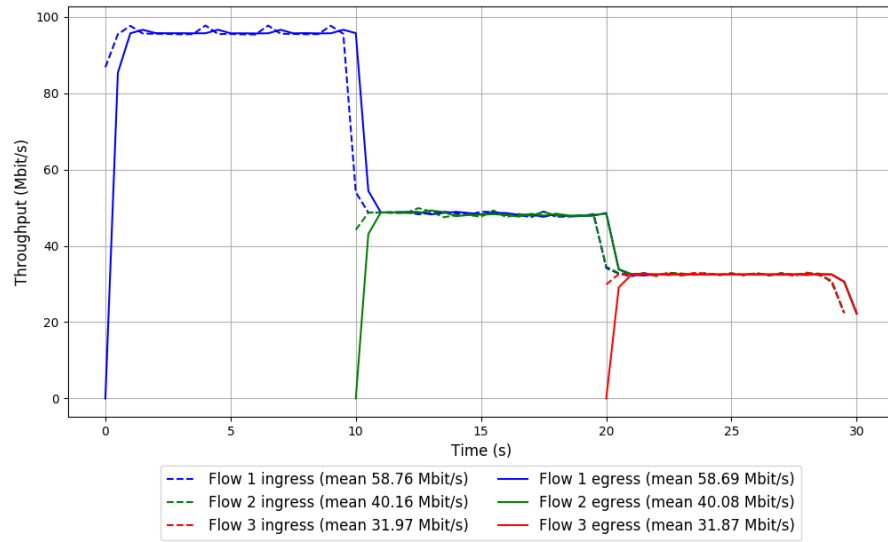
-- Flow 3:

Average throughput: 31.87 Mbit/s

95th percentile per-packet one-way delay: 13.693 ms

Loss rate: 0.37%

Run 1: Report of LEDBAT — Data Link

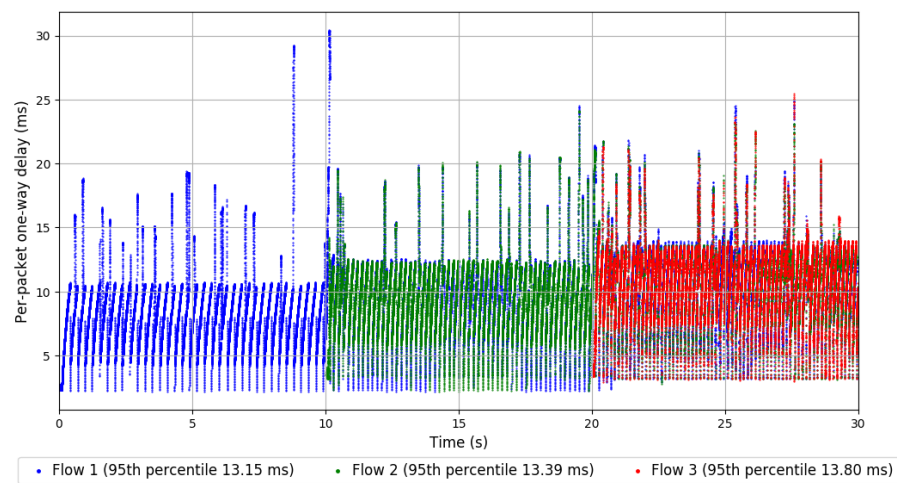
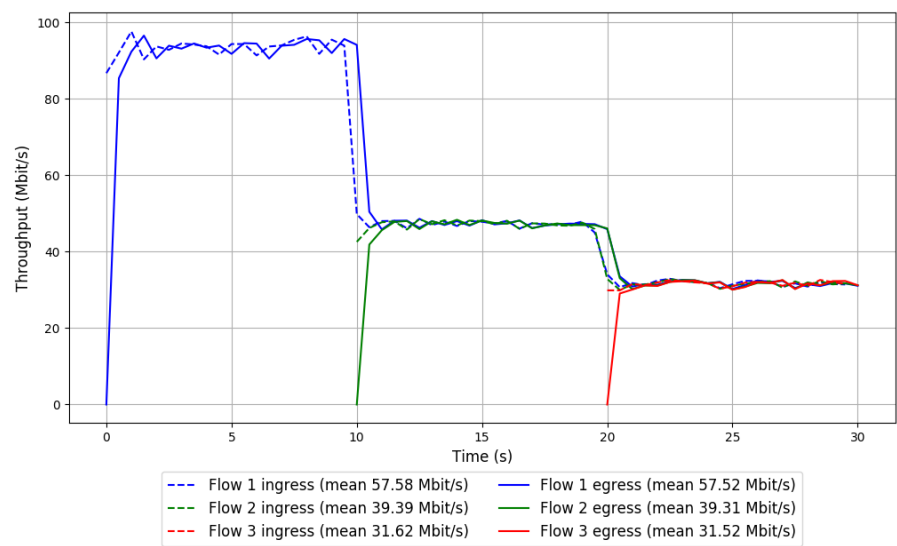


Run 2: Statistics of LEDBAT

Start at: 2018-07-18 09:22:48
End at: 2018-07-18 09:23:18
Local clock offset: -5.81 ms
Remote clock offset: -7.874 ms

Below is generated by plot.py at 2018-07-18 12:29:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.18 Mbit/s
95th percentile per-packet one-way delay: 13.373 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 57.52 Mbit/s
95th percentile per-packet one-way delay: 13.146 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 39.31 Mbit/s
95th percentile per-packet one-way delay: 13.390 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 31.52 Mbit/s
95th percentile per-packet one-way delay: 13.801 ms
Loss rate: 0.38%

Run 2: Report of LEDBAT — Data Link

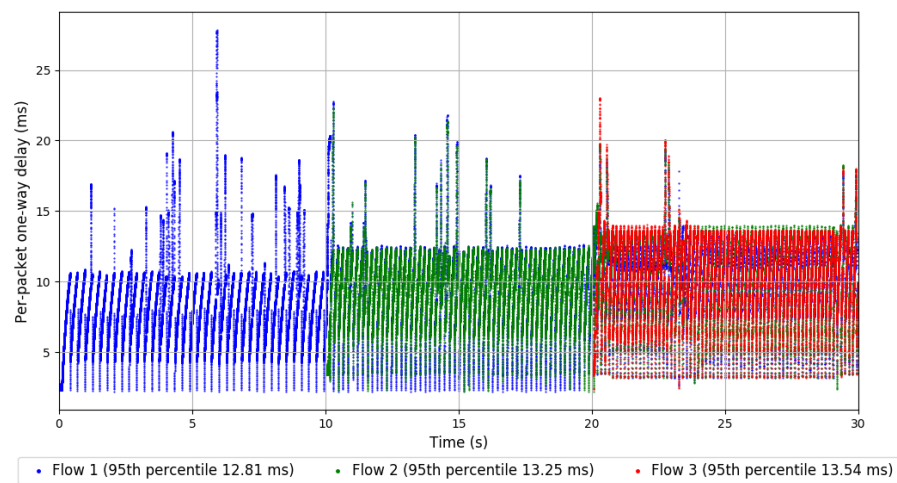
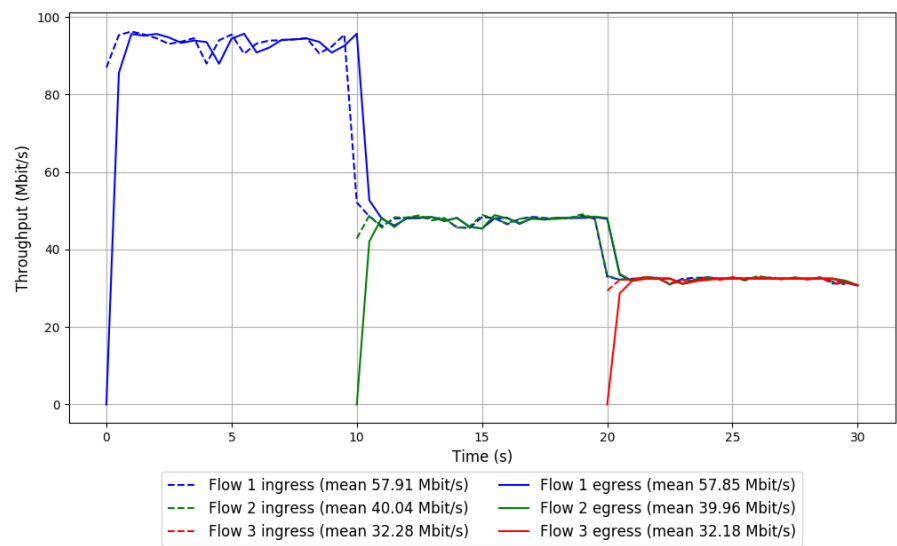


Run 3: Statistics of LEDBAT

Start at: 2018-07-18 09:41:57
End at: 2018-07-18 09:42:27
Local clock offset: -5.632 ms
Remote clock offset: -7.853 ms

Below is generated by plot.py at 2018-07-18 12:29:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.14 Mbit/s
95th percentile per-packet one-way delay: 13.187 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 57.85 Mbit/s
95th percentile per-packet one-way delay: 12.809 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 39.96 Mbit/s
95th percentile per-packet one-way delay: 13.253 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 32.18 Mbit/s
95th percentile per-packet one-way delay: 13.539 ms
Loss rate: 0.37%

Run 3: Report of LEDBAT — Data Link

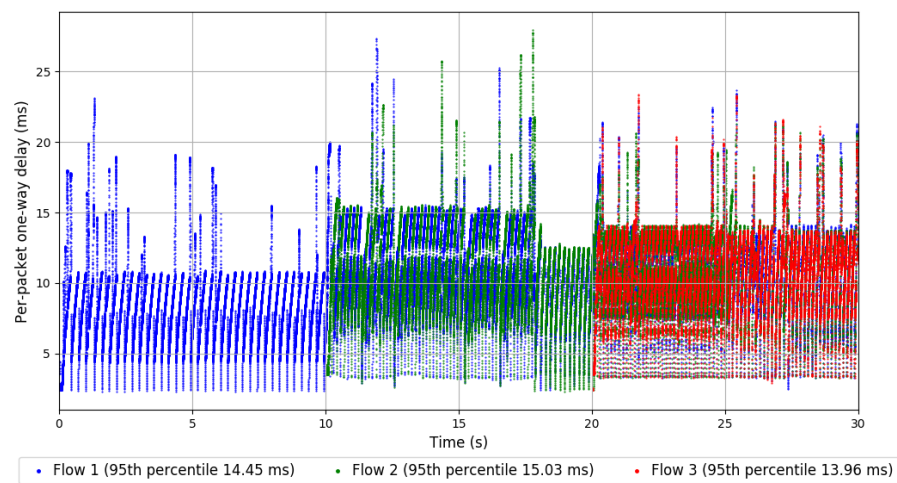
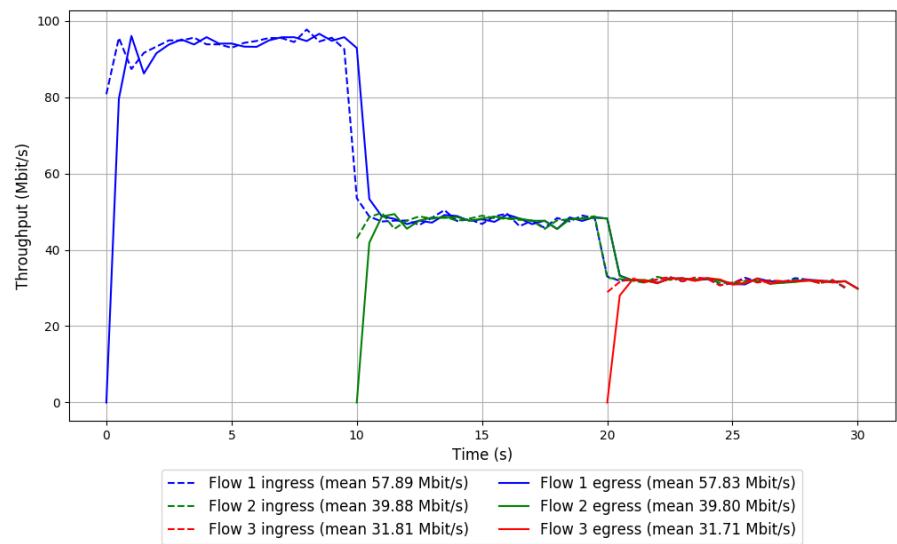


Run 4: Statistics of LEDBAT

Start at: 2018-07-18 10:01:05
End at: 2018-07-18 10:01:35
Local clock offset: -5.765 ms
Remote clock offset: -6.902 ms

Below is generated by plot.py at 2018-07-18 12:29:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.85 Mbit/s
95th percentile per-packet one-way delay: 14.708 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 57.83 Mbit/s
95th percentile per-packet one-way delay: 14.454 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 39.80 Mbit/s
95th percentile per-packet one-way delay: 15.031 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 31.71 Mbit/s
95th percentile per-packet one-way delay: 13.958 ms
Loss rate: 0.40%

Run 4: Report of LEDBAT — Data Link

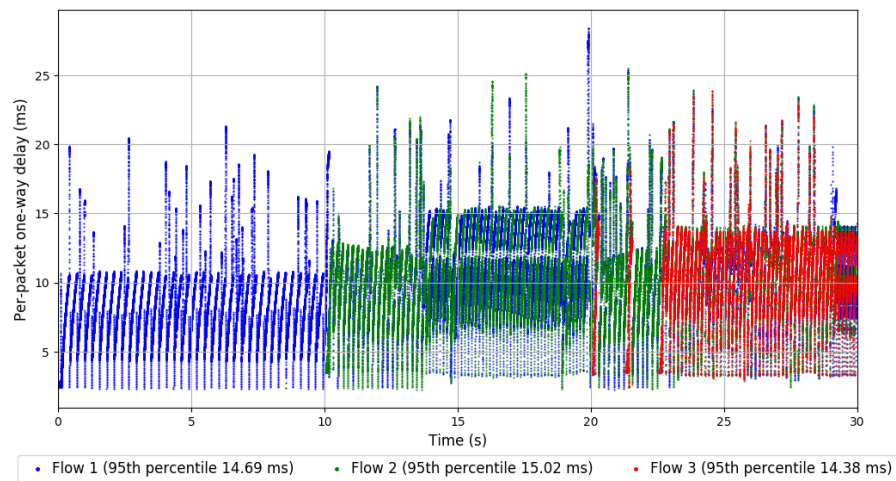
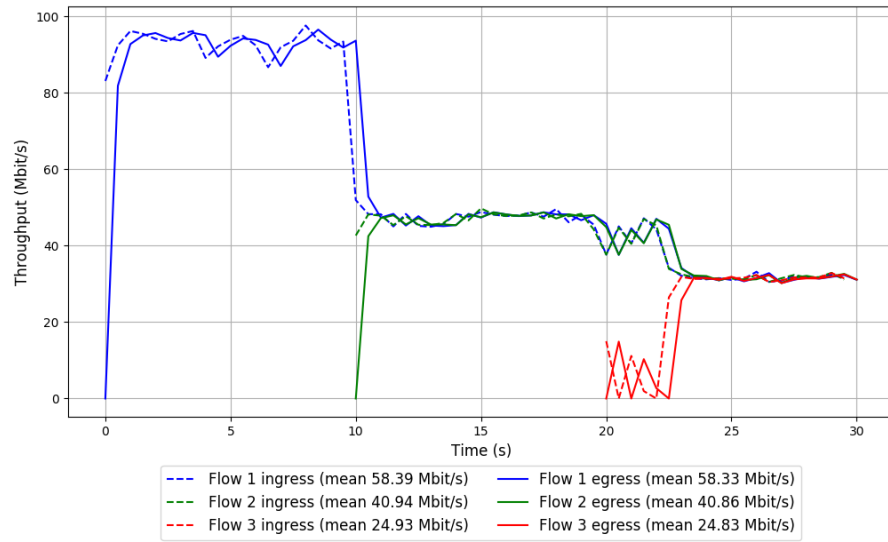


Run 5: Statistics of LEDBAT

Start at: 2018-07-18 10:20:14
End at: 2018-07-18 10:20:44
Local clock offset: -5.934 ms
Remote clock offset: -6.686 ms

Below is generated by plot.py at 2018-07-18 12:29:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.79 Mbit/s
95th percentile per-packet one-way delay: 14.847 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 58.33 Mbit/s
95th percentile per-packet one-way delay: 14.690 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 40.86 Mbit/s
95th percentile per-packet one-way delay: 15.017 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 24.83 Mbit/s
95th percentile per-packet one-way delay: 14.383 ms
Loss rate: 0.48%

Run 5: Report of LEDBAT — Data Link

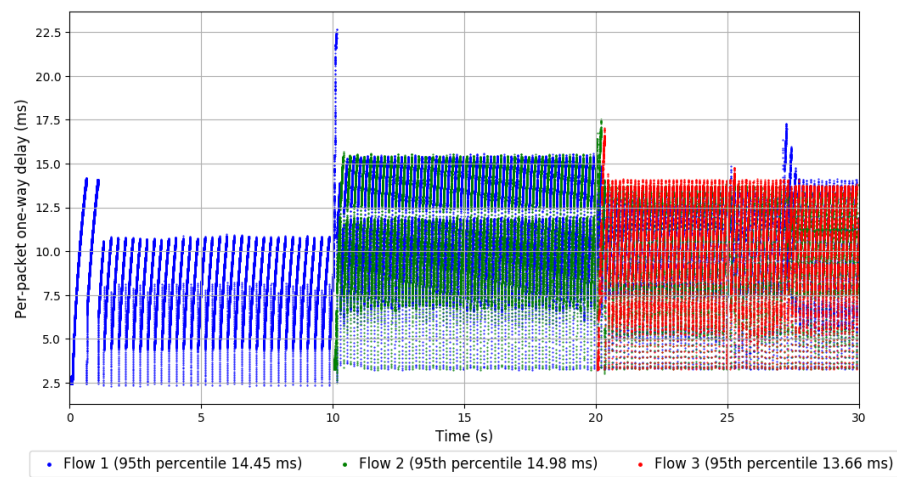
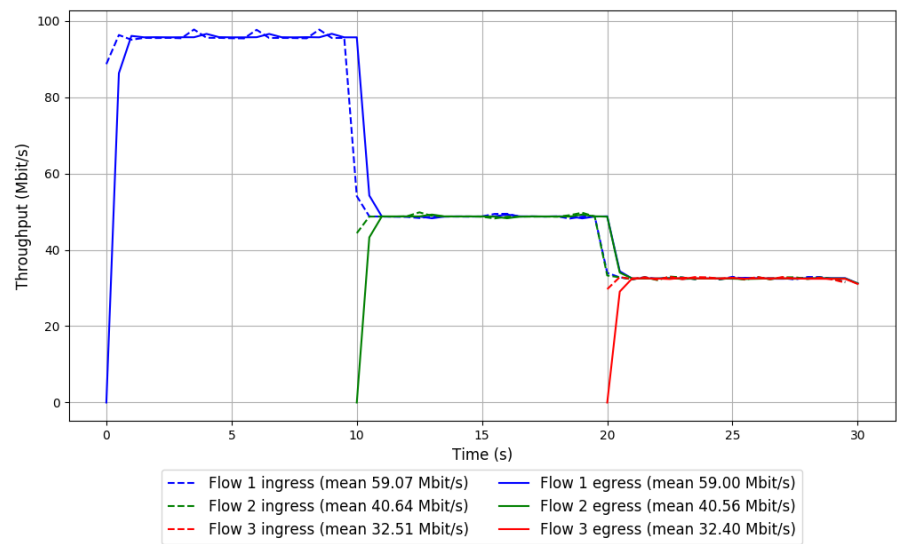


Run 6: Statistics of LEDBAT

Start at: 2018-07-18 10:39:24
End at: 2018-07-18 10:39:54
Local clock offset: -6.163 ms
Remote clock offset: -6.582 ms

Below is generated by plot.py at 2018-07-18 12:29:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.77 Mbit/s
95th percentile per-packet one-way delay: 14.671 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 59.00 Mbit/s
95th percentile per-packet one-way delay: 14.451 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 40.56 Mbit/s
95th percentile per-packet one-way delay: 14.985 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 32.40 Mbit/s
95th percentile per-packet one-way delay: 13.660 ms
Loss rate: 0.39%

Run 6: Report of LEDBAT — Data Link

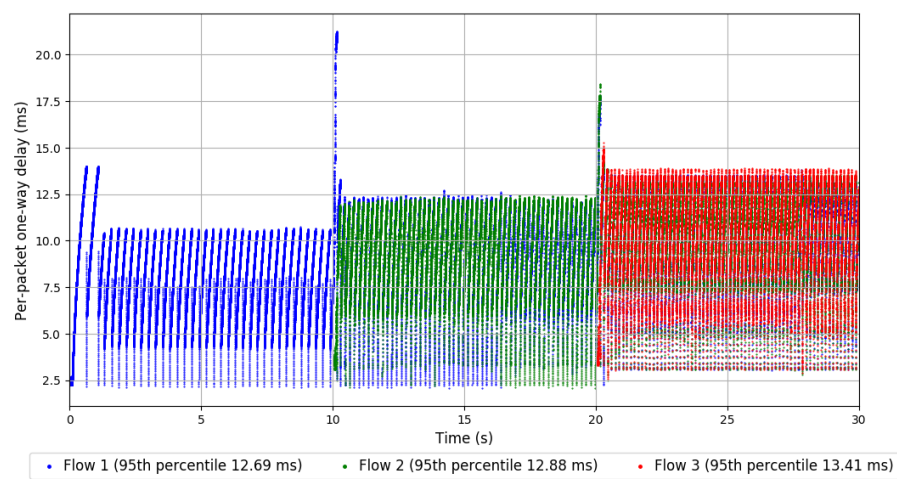
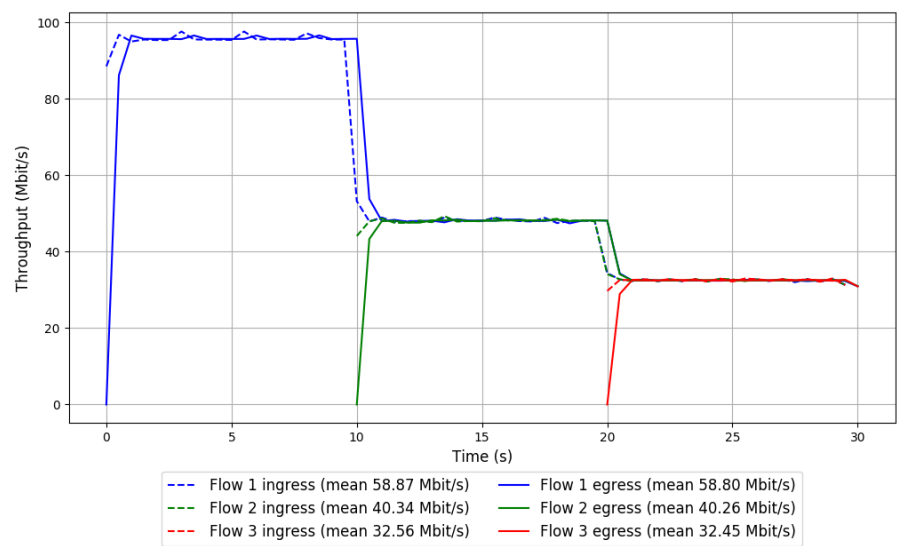


Run 7: Statistics of LEDBAT

Start at: 2018-07-18 10:58:36
End at: 2018-07-18 10:59:06
Local clock offset: -6.181 ms
Remote clock offset: -6.894 ms

Below is generated by plot.py at 2018-07-18 12:30:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.37 Mbit/s
95th percentile per-packet one-way delay: 12.976 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 58.80 Mbit/s
95th percentile per-packet one-way delay: 12.686 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 40.26 Mbit/s
95th percentile per-packet one-way delay: 12.885 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 32.45 Mbit/s
95th percentile per-packet one-way delay: 13.411 ms
Loss rate: 0.40%

Run 7: Report of LEDBAT — Data Link

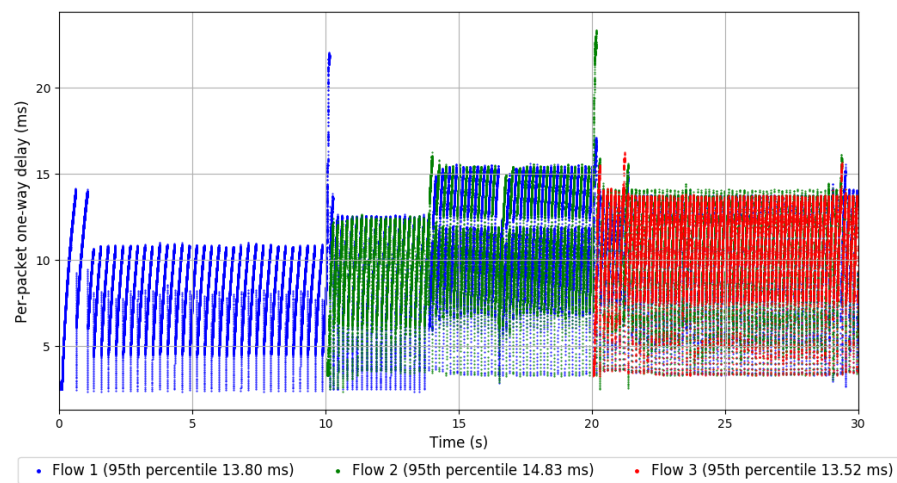
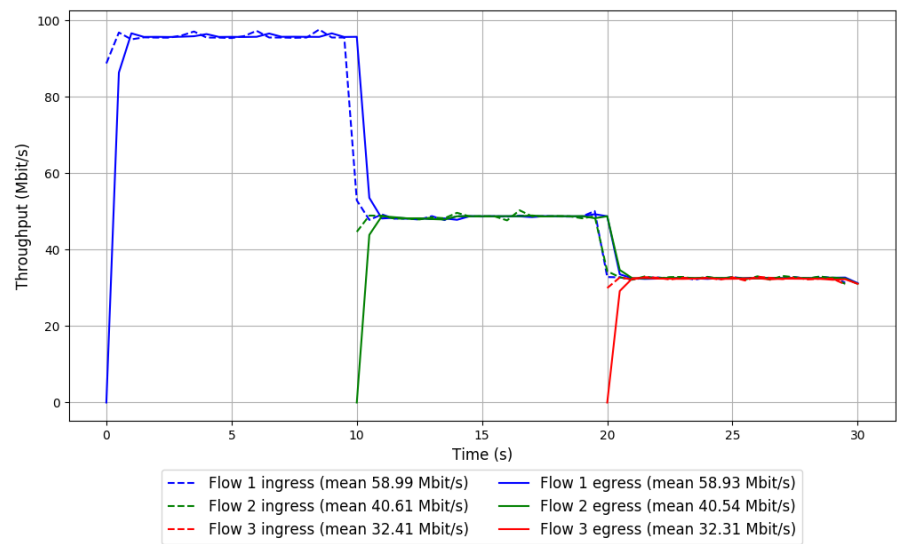


Run 8: Statistics of LEDBAT

Start at: 2018-07-18 11:17:46
End at: 2018-07-18 11:18:16
Local clock offset: -5.787 ms
Remote clock offset: -7.562 ms

Below is generated by plot.py at 2018-07-18 12:30:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.66 Mbit/s
95th percentile per-packet one-way delay: 14.148 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 58.93 Mbit/s
95th percentile per-packet one-way delay: 13.804 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 40.54 Mbit/s
95th percentile per-packet one-way delay: 14.827 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 32.31 Mbit/s
95th percentile per-packet one-way delay: 13.524 ms
Loss rate: 0.35%

Run 8: Report of LEDBAT — Data Link

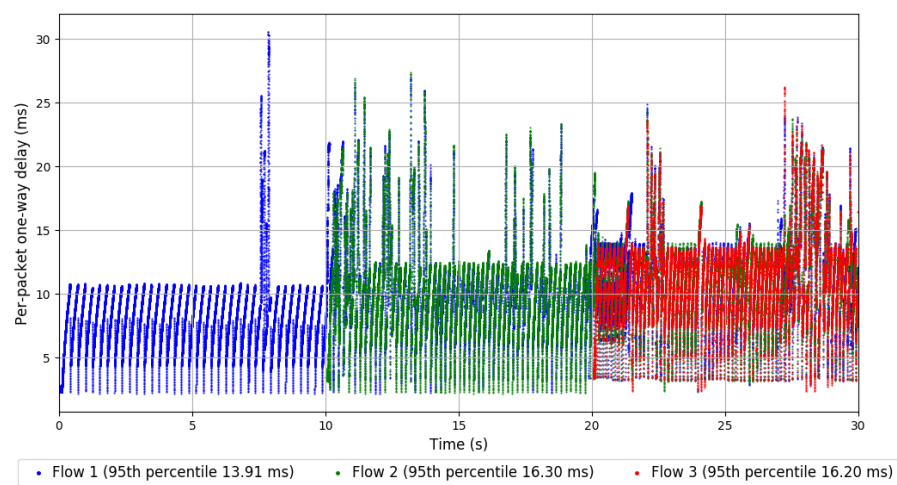
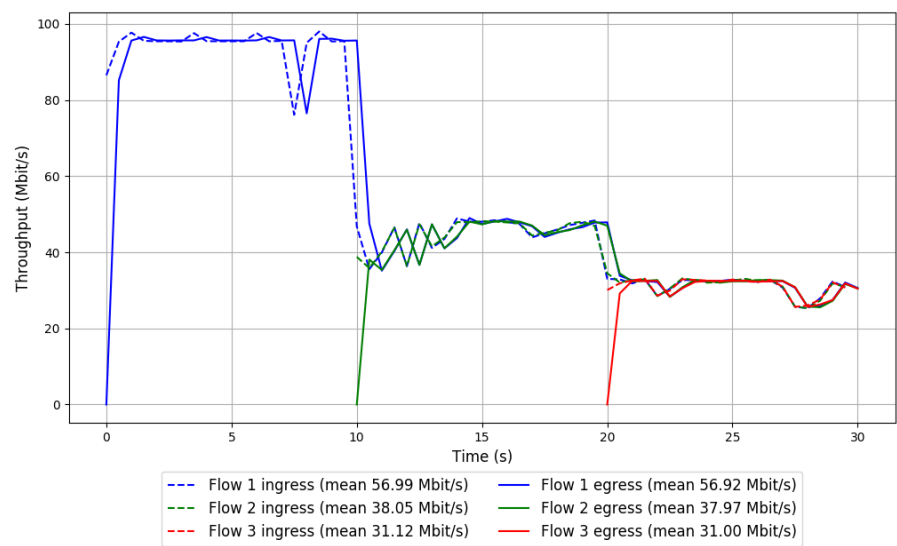


Run 9: Statistics of LEDBAT

Start at: 2018-07-18 11:36:56
End at: 2018-07-18 11:37:26
Local clock offset: -5.643 ms
Remote clock offset: -6.607 ms

Below is generated by plot.py at 2018-07-18 12:30:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.49 Mbit/s
95th percentile per-packet one-way delay: 14.988 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 56.92 Mbit/s
95th percentile per-packet one-way delay: 13.915 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 37.97 Mbit/s
95th percentile per-packet one-way delay: 16.299 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 31.00 Mbit/s
95th percentile per-packet one-way delay: 16.204 ms
Loss rate: 0.39%

Run 9: Report of LEDBAT — Data Link

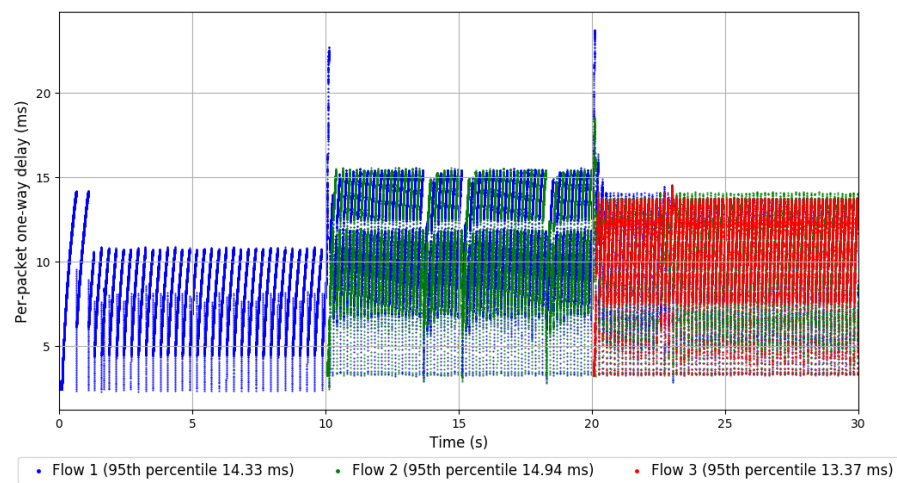
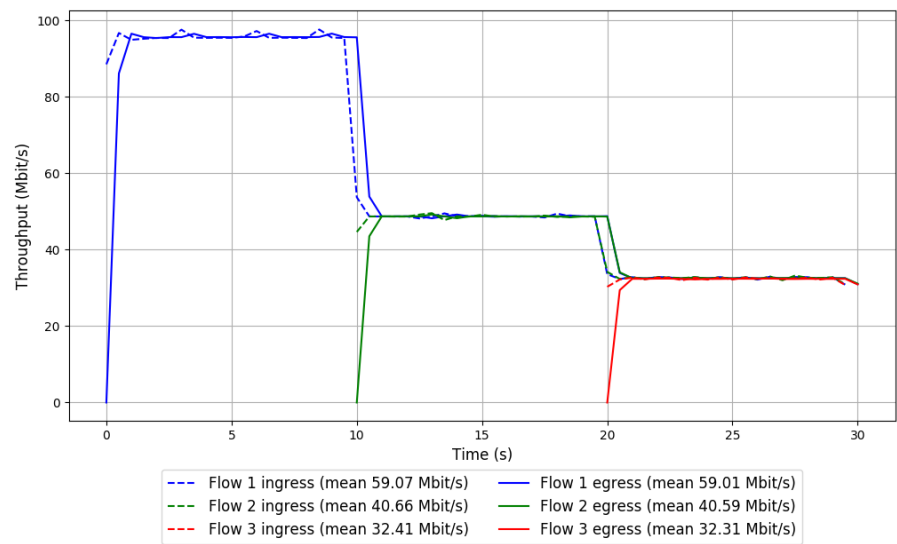


Run 10: Statistics of LEDBAT

Start at: 2018-07-18 11:56:07
End at: 2018-07-18 11:56:37
Local clock offset: -5.569 ms
Remote clock offset: -6.105 ms

Below is generated by plot.py at 2018-07-18 12:30:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.77 Mbit/s
95th percentile per-packet one-way delay: 14.555 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 59.01 Mbit/s
95th percentile per-packet one-way delay: 14.330 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.59 Mbit/s
95th percentile per-packet one-way delay: 14.942 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 32.31 Mbit/s
95th percentile per-packet one-way delay: 13.371 ms
Loss rate: 0.35%

Run 10: Report of LEDBAT — Data Link

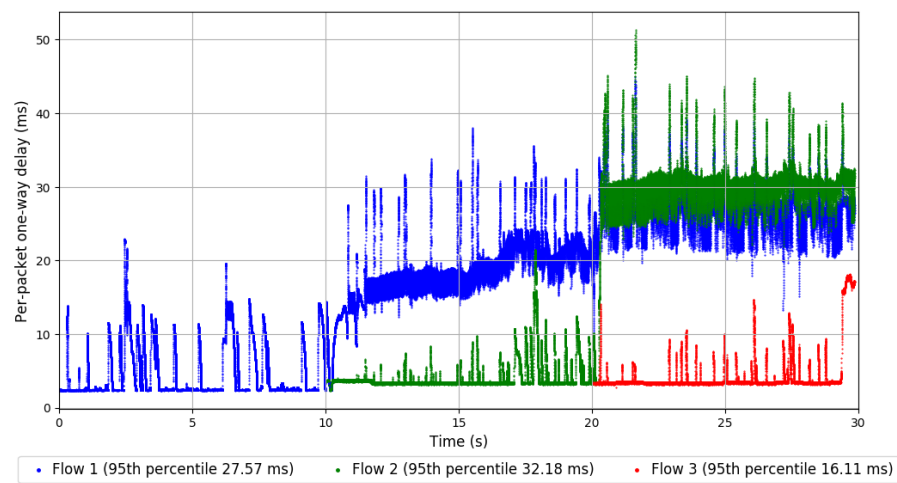
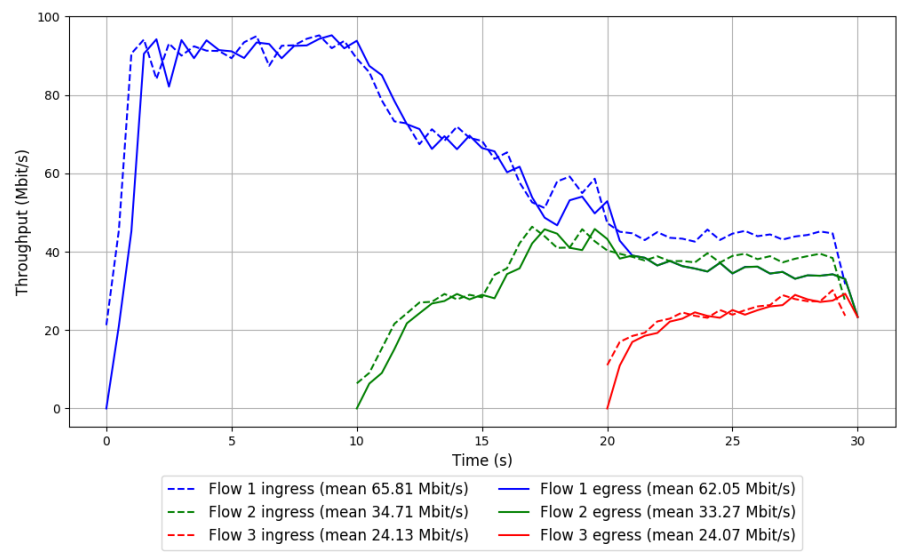


```
Run 1: Statistics of PCC-Allegro

Start at: 2018-07-18 09:19:28
End at: 2018-07-18 09:19:58
Local clock offset: -5.732 ms
Remote clock offset: -8.03 ms

# Below is generated by plot.py at 2018-07-18 12:30:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.07 Mbit/s
95th percentile per-packet one-way delay: 30.618 ms
Loss rate: 4.95%
-- Flow 1:
Average throughput: 62.05 Mbit/s
95th percentile per-packet one-way delay: 27.574 ms
Loss rate: 5.76%
-- Flow 2:
Average throughput: 33.27 Mbit/s
95th percentile per-packet one-way delay: 32.178 ms
Loss rate: 4.22%
-- Flow 3:
Average throughput: 24.07 Mbit/s
95th percentile per-packet one-way delay: 16.112 ms
Loss rate: 0.30%
```

Run 1: Report of PCC-Allegro — Data Link

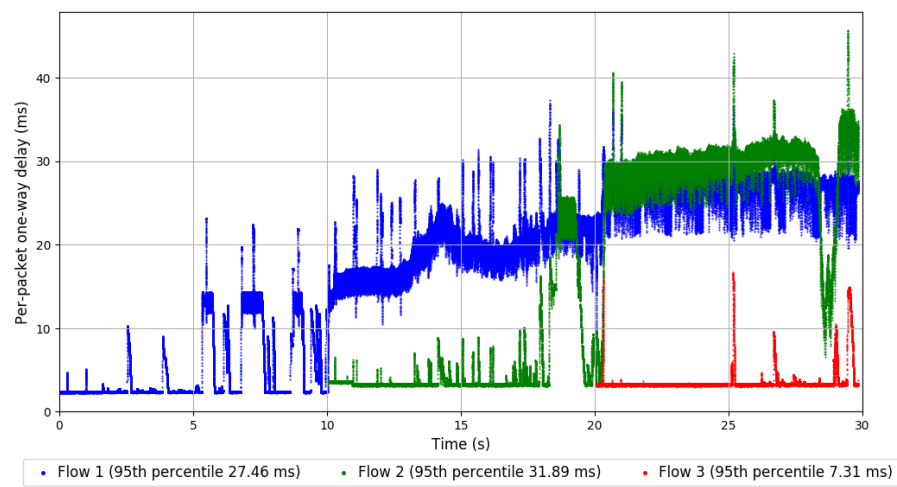
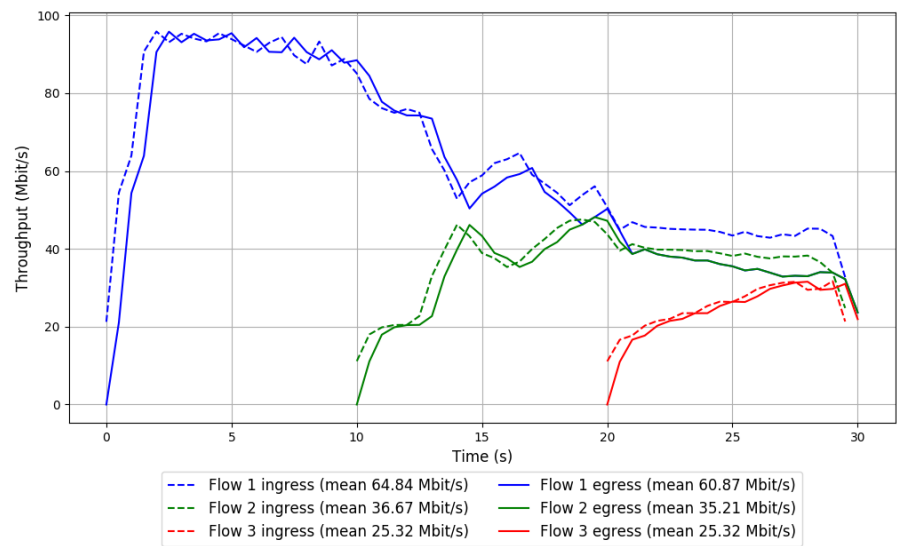


Run 2: Statistics of PCC-Allegro

Start at: 2018-07-18 09:38:37
End at: 2018-07-18 09:39:07
Local clock offset: -5.708 ms
Remote clock offset: -7.883 ms

Below is generated by plot.py at 2018-07-18 12:31:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.60 Mbit/s
95th percentile per-packet one-way delay: 30.294 ms
Loss rate: 5.13%
-- Flow 1:
Average throughput: 60.87 Mbit/s
95th percentile per-packet one-way delay: 27.458 ms
Loss rate: 6.18%
-- Flow 2:
Average throughput: 35.21 Mbit/s
95th percentile per-packet one-way delay: 31.887 ms
Loss rate: 4.05%
-- Flow 3:
Average throughput: 25.32 Mbit/s
95th percentile per-packet one-way delay: 7.311 ms
Loss rate: 0.07%

Run 2: Report of PCC-Allegro — Data Link

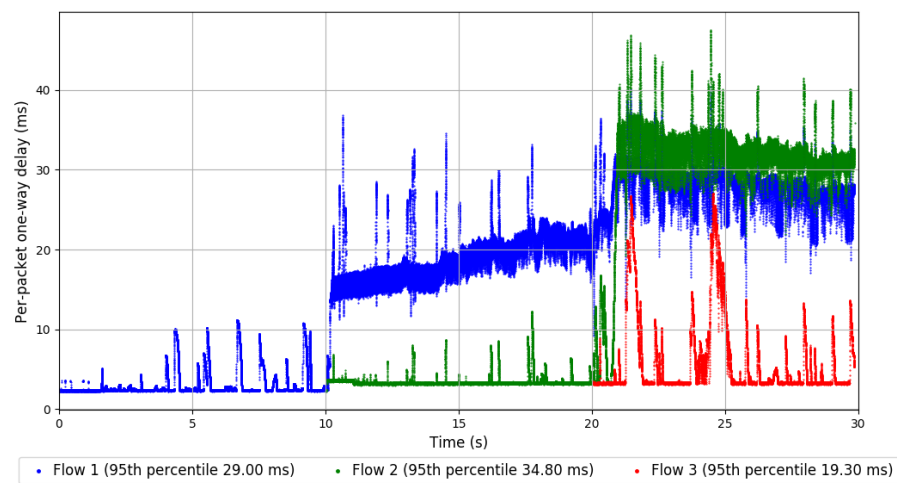
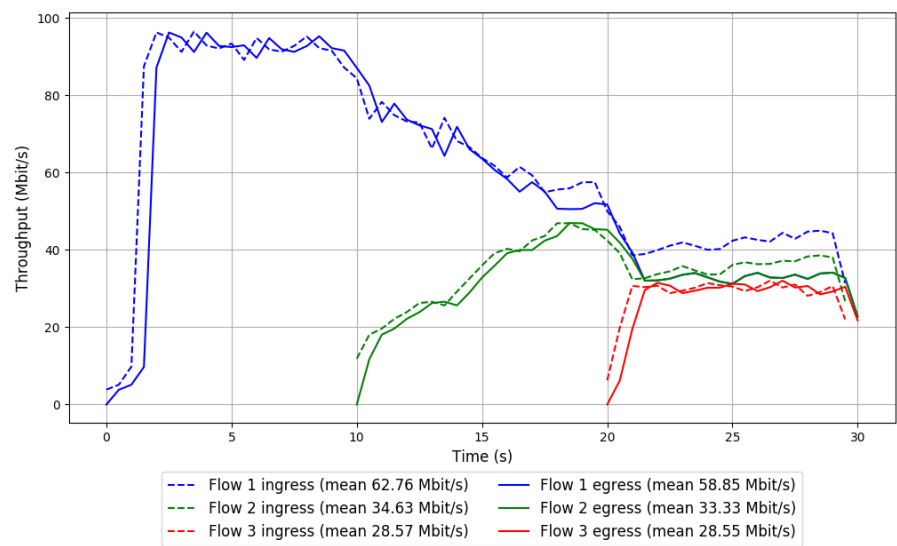


Run 3: Statistics of PCC-Allegro

Start at: 2018-07-18 09:57:45
End at: 2018-07-18 09:58:15
Local clock offset: -5.693 ms
Remote clock offset: -6.917 ms

Below is generated by plot.py at 2018-07-18 12:31:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.40 Mbit/s
95th percentile per-packet one-way delay: 32.340 ms
Loss rate: 5.07%
-- Flow 1:
Average throughput: 58.85 Mbit/s
95th percentile per-packet one-way delay: 28.995 ms
Loss rate: 6.28%
-- Flow 2:
Average throughput: 33.33 Mbit/s
95th percentile per-packet one-way delay: 34.798 ms
Loss rate: 3.79%
-- Flow 3:
Average throughput: 28.55 Mbit/s
95th percentile per-packet one-way delay: 19.300 ms
Loss rate: 0.17%

Run 3: Report of PCC-Allegro — Data Link

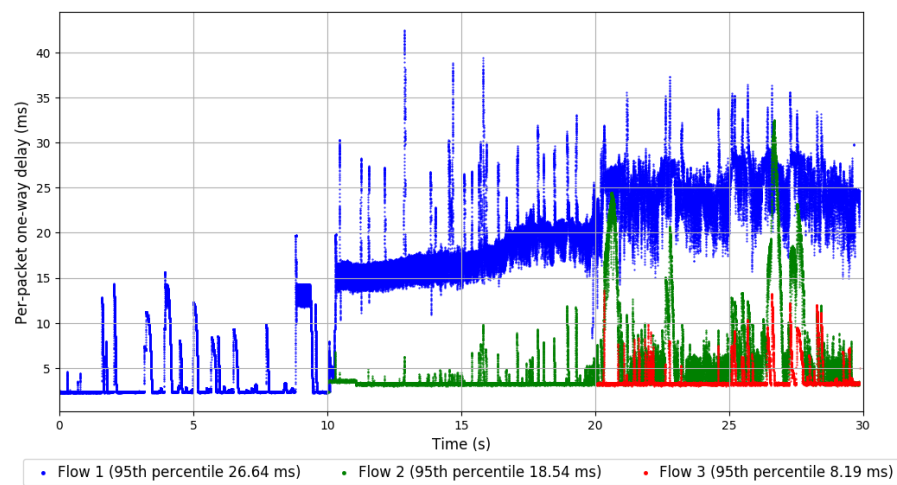
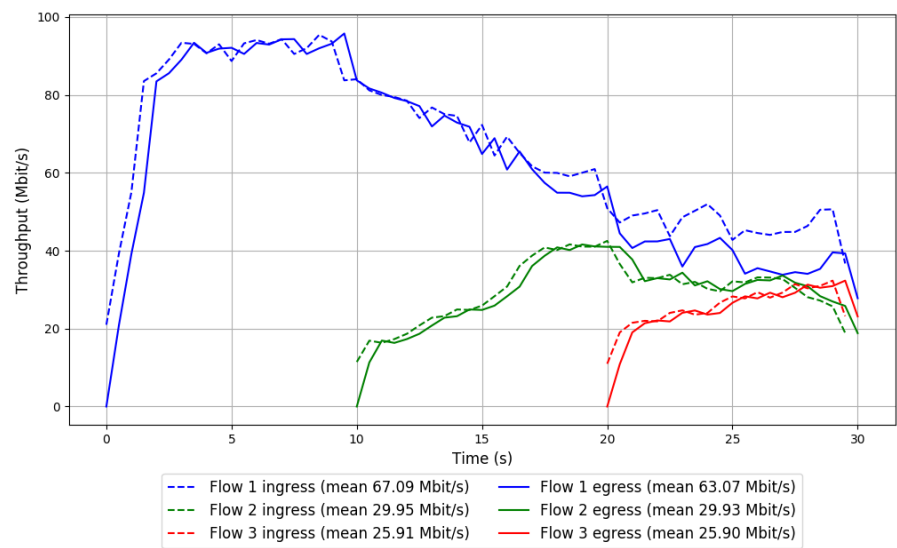


Run 4: Statistics of PCC-Allegro

Start at: 2018-07-18 10:16:54
End at: 2018-07-18 10:17:24
Local clock offset: -5.929 ms
Remote clock offset: -6.669 ms

Below is generated by plot.py at 2018-07-18 12:31:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.48 Mbit/s
95th percentile per-packet one-way delay: 25.845 ms
Loss rate: 4.26%
-- Flow 1:
Average throughput: 63.07 Mbit/s
95th percentile per-packet one-way delay: 26.639 ms
Loss rate: 6.03%
-- Flow 2:
Average throughput: 29.93 Mbit/s
95th percentile per-packet one-way delay: 18.543 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 25.90 Mbit/s
95th percentile per-packet one-way delay: 8.185 ms
Loss rate: 0.07%

Run 4: Report of PCC-Allegro — Data Link

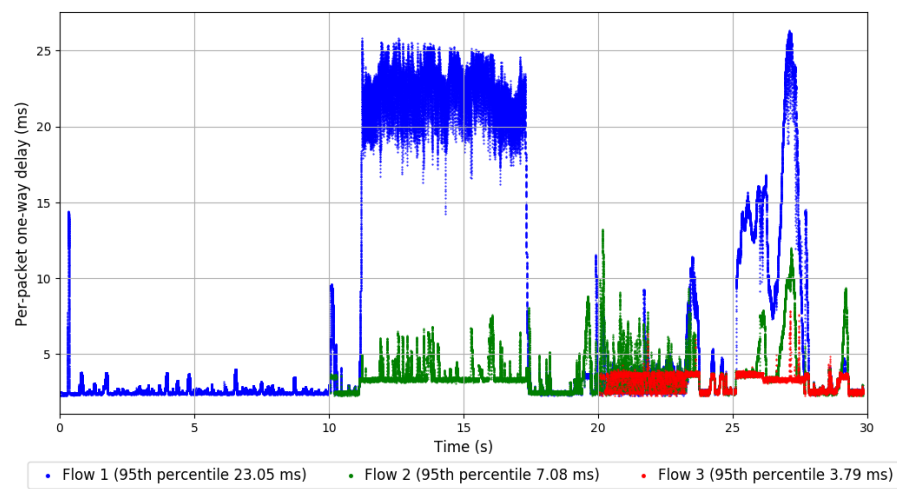
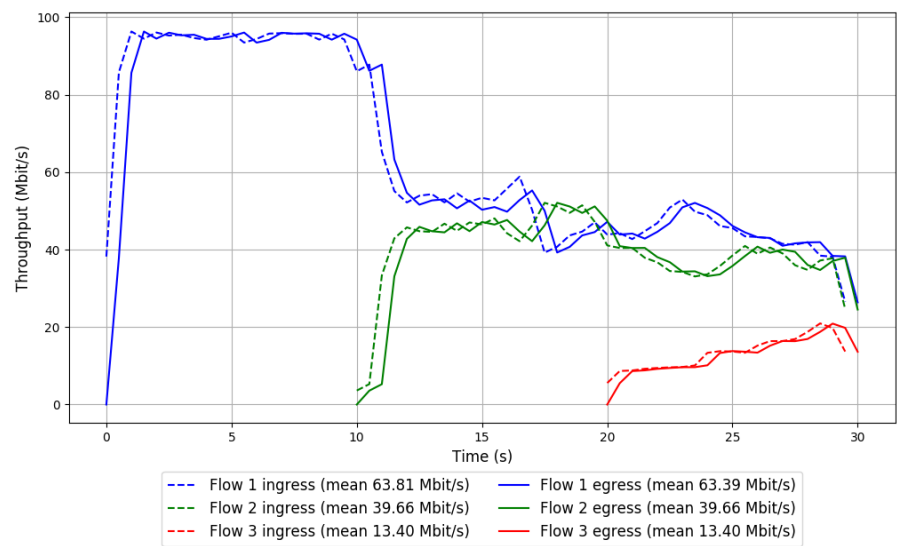


Run 5: Statistics of PCC-Allegro

Start at: 2018-07-18 10:36:03
End at: 2018-07-18 10:36:33
Local clock offset: -6.135 ms
Remote clock offset: -6.615 ms

Below is generated by plot.py at 2018-07-18 12:31:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.15 Mbit/s
95th percentile per-packet one-way delay: 22.435 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 63.39 Mbit/s
95th percentile per-packet one-way delay: 23.048 ms
Loss rate: 0.70%
-- Flow 2:
Average throughput: 39.66 Mbit/s
95th percentile per-packet one-way delay: 7.085 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 13.40 Mbit/s
95th percentile per-packet one-way delay: 3.788 ms
Loss rate: 0.06%

Run 5: Report of PCC-Allegro — Data Link

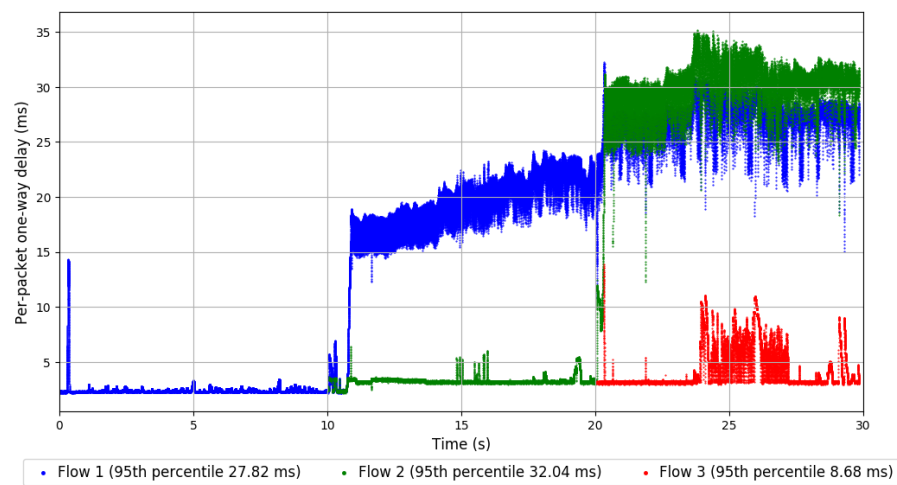
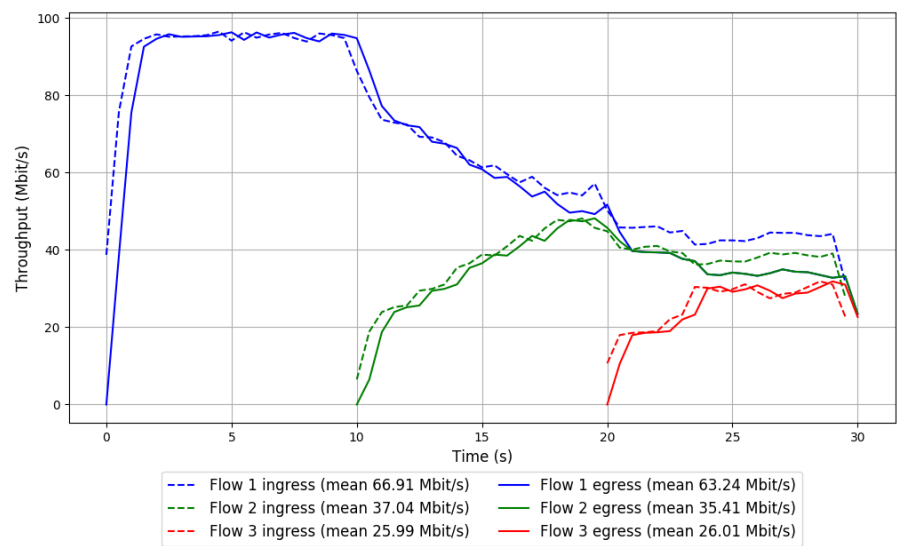


Run 6: Statistics of PCC-Allegro

Start at: 2018-07-18 10:55:15
End at: 2018-07-18 10:55:45
Local clock offset: -6.248 ms
Remote clock offset: -6.667 ms

Below is generated by plot.py at 2018-07-18 12:31:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.34 Mbit/s
95th percentile per-packet one-way delay: 30.360 ms
Loss rate: 4.79%
-- Flow 1:
Average throughput: 63.24 Mbit/s
95th percentile per-packet one-way delay: 27.817 ms
Loss rate: 5.52%
-- Flow 2:
Average throughput: 35.41 Mbit/s
95th percentile per-packet one-way delay: 32.044 ms
Loss rate: 4.46%
-- Flow 3:
Average throughput: 26.01 Mbit/s
95th percentile per-packet one-way delay: 8.677 ms
Loss rate: 0.07%

Run 6: Report of PCC-Allegro — Data Link

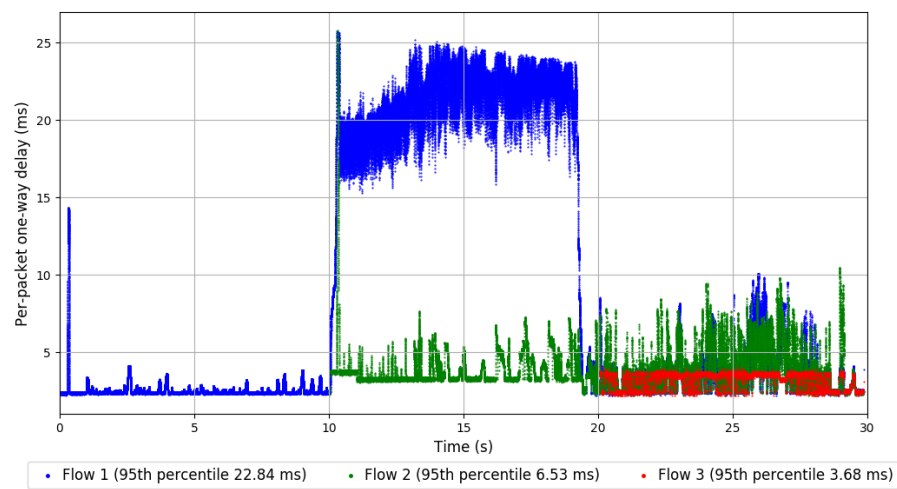
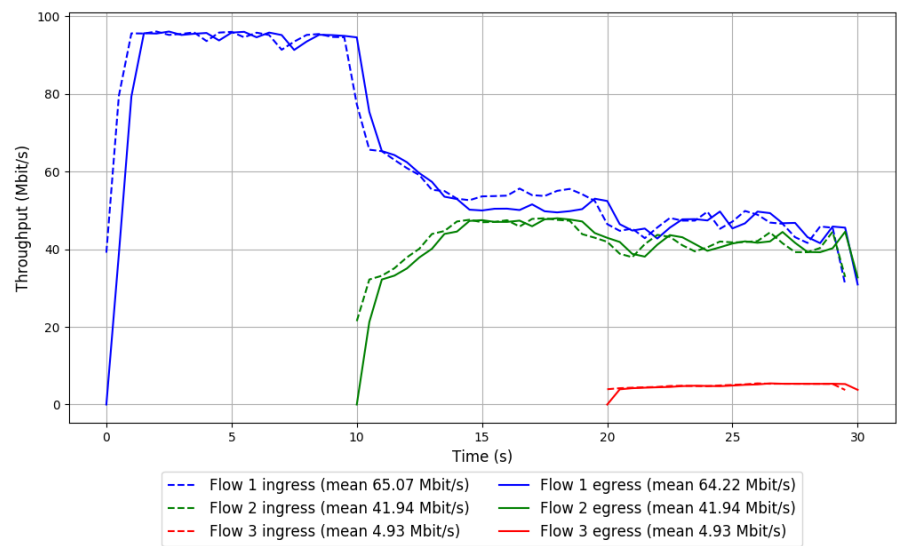


Run 7: Statistics of PCC-Allegro

Start at: 2018-07-18 11:14:25
End at: 2018-07-18 11:14:56
Local clock offset: -5.799 ms
Remote clock offset: -7.411 ms

Below is generated by plot.py at 2018-07-18 12:31:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.74 Mbit/s
95th percentile per-packet one-way delay: 22.389 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 64.22 Mbit/s
95th percentile per-packet one-way delay: 22.842 ms
Loss rate: 1.31%
-- Flow 2:
Average throughput: 41.94 Mbit/s
95th percentile per-packet one-way delay: 6.530 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 4.93 Mbit/s
95th percentile per-packet one-way delay: 3.681 ms
Loss rate: 0.02%

Run 7: Report of PCC-Allegro — Data Link

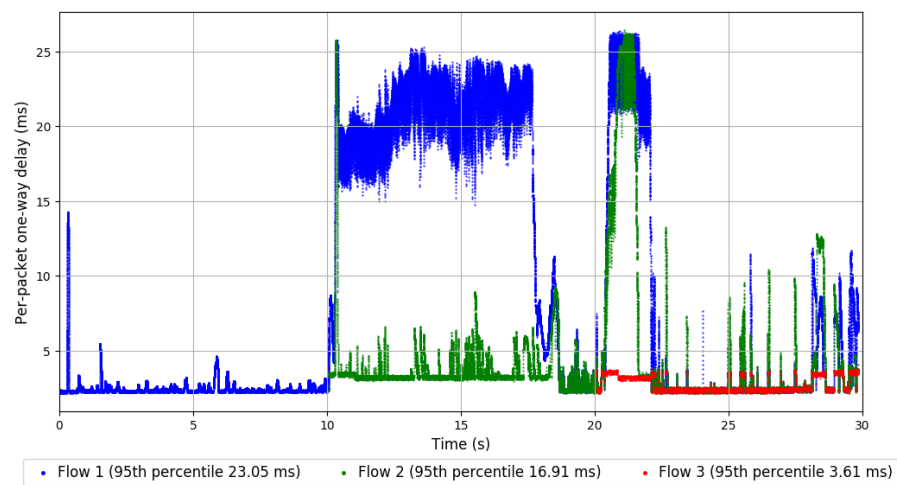
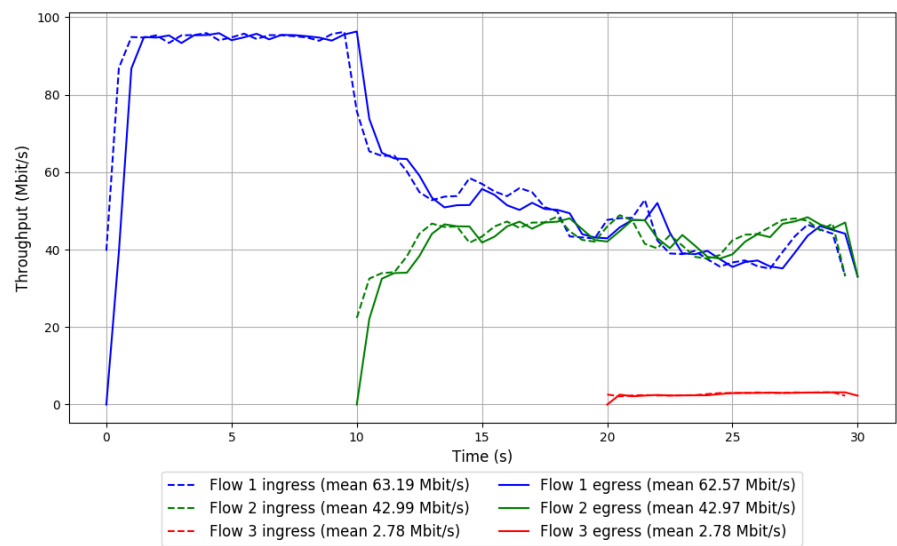


Run 8: Statistics of PCC-Allegro

Start at: 2018-07-18 11:33:36
End at: 2018-07-18 11:34:06
Local clock offset: -5.728 ms
Remote clock offset: -6.883 ms

```
# Below is generated by plot.py at 2018-07-18 12:31:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.05 Mbit/s
95th percentile per-packet one-way delay: 22.834 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 62.57 Mbit/s
95th percentile per-packet one-way delay: 23.050 ms
Loss rate: 0.99%
-- Flow 2:
Average throughput: 42.97 Mbit/s
95th percentile per-packet one-way delay: 16.907 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 2.78 Mbit/s
95th percentile per-packet one-way delay: 3.612 ms
Loss rate: 0.05%
```

Run 8: Report of PCC-Allegro — Data Link

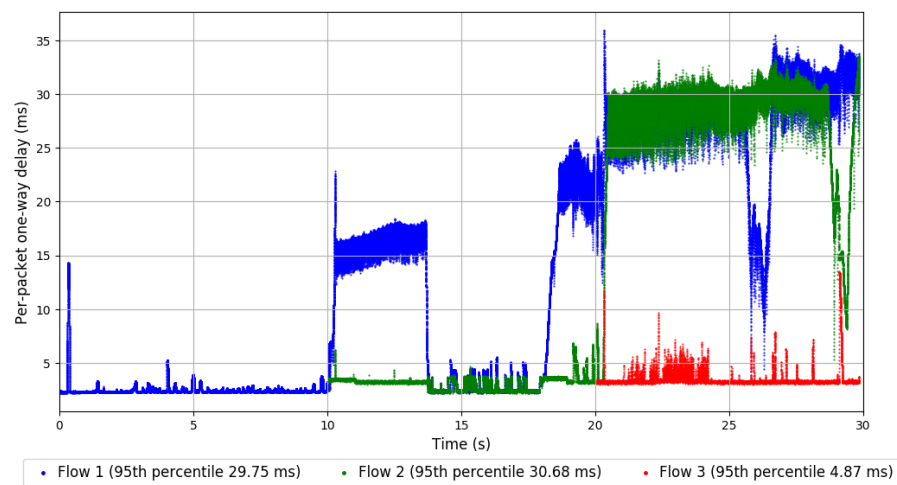
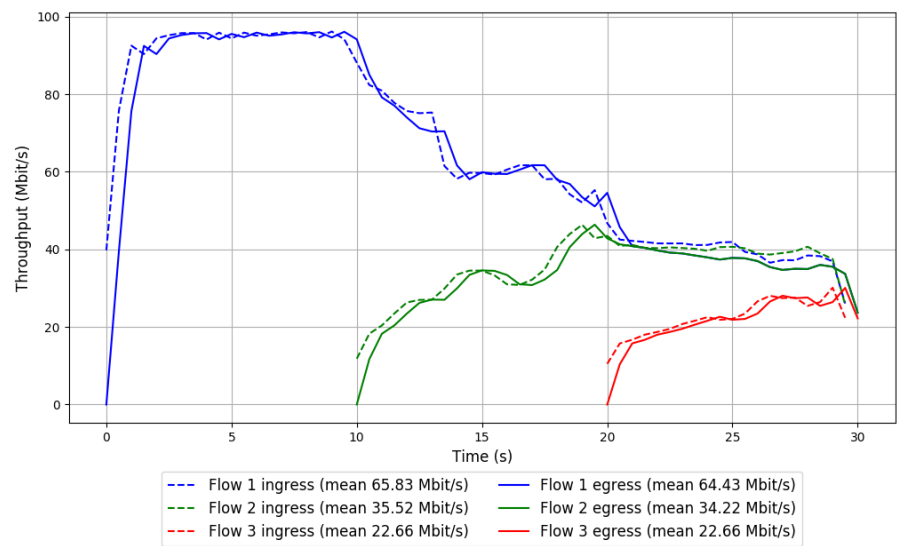


Run 9: Statistics of PCC-Allegro

Start at: 2018-07-18 11:52:46
End at: 2018-07-18 11:53:16
Local clock offset: -5.543 ms
Remote clock offset: -6.086 ms

Below is generated by plot.py at 2018-07-18 12:31:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.63 Mbit/s
95th percentile per-packet one-way delay: 30.239 ms
Loss rate: 2.38%
-- Flow 1:
Average throughput: 64.43 Mbit/s
95th percentile per-packet one-way delay: 29.746 ms
Loss rate: 2.16%
-- Flow 2:
Average throughput: 34.22 Mbit/s
95th percentile per-packet one-way delay: 30.683 ms
Loss rate: 3.70%
-- Flow 3:
Average throughput: 22.66 Mbit/s
95th percentile per-packet one-way delay: 4.867 ms
Loss rate: 0.08%

Run 9: Report of PCC-Allegro — Data Link

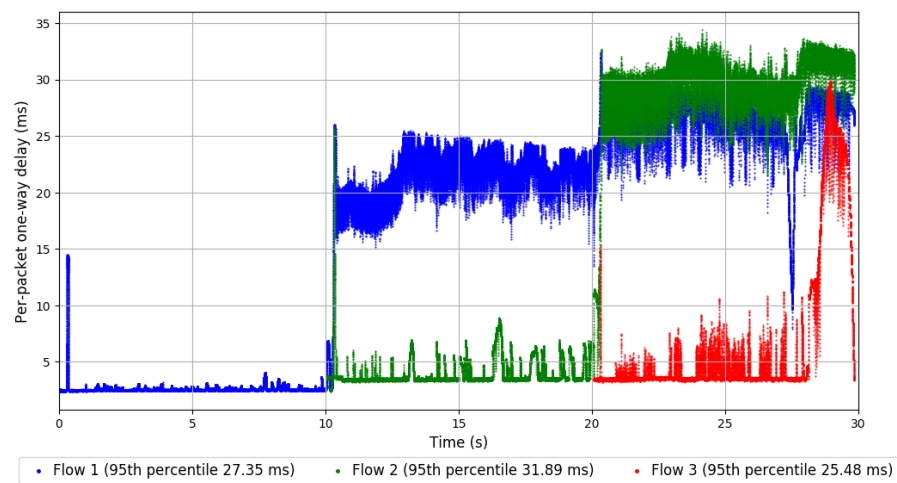
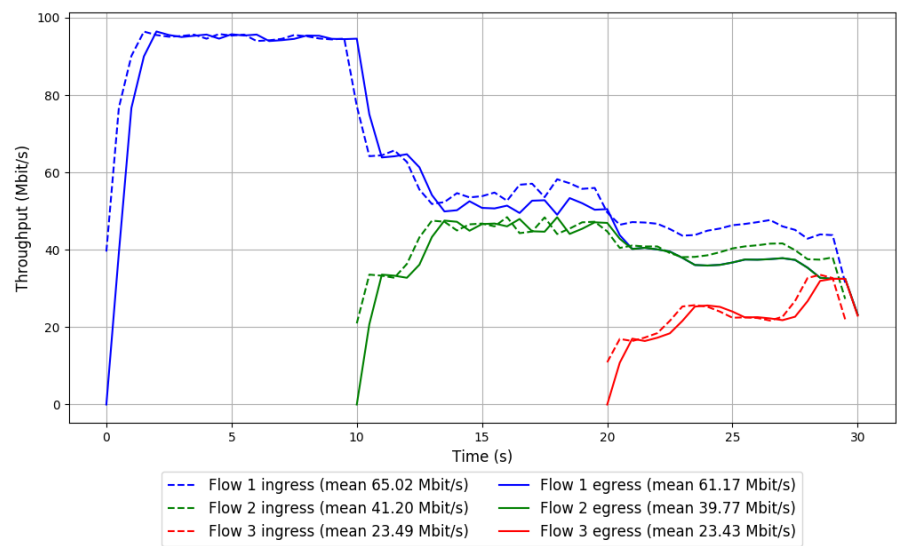


Run 10: Statistics of PCC-Allegro

Start at: 2018-07-18 12:11:57
End at: 2018-07-18 12:12:27
Local clock offset: -5.776 ms
Remote clock offset: -2.521 ms

Below is generated by plot.py at 2018-07-18 12:32:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.32 Mbit/s
95th percentile per-packet one-way delay: 29.945 ms
Loss rate: 4.84%
-- Flow 1:
Average throughput: 61.17 Mbit/s
95th percentile per-packet one-way delay: 27.350 ms
Loss rate: 5.92%
-- Flow 2:
Average throughput: 39.77 Mbit/s
95th percentile per-packet one-way delay: 31.894 ms
Loss rate: 3.54%
-- Flow 3:
Average throughput: 23.43 Mbit/s
95th percentile per-packet one-way delay: 25.477 ms
Loss rate: 0.28%

Run 10: Report of PCC-Allegro — Data Link

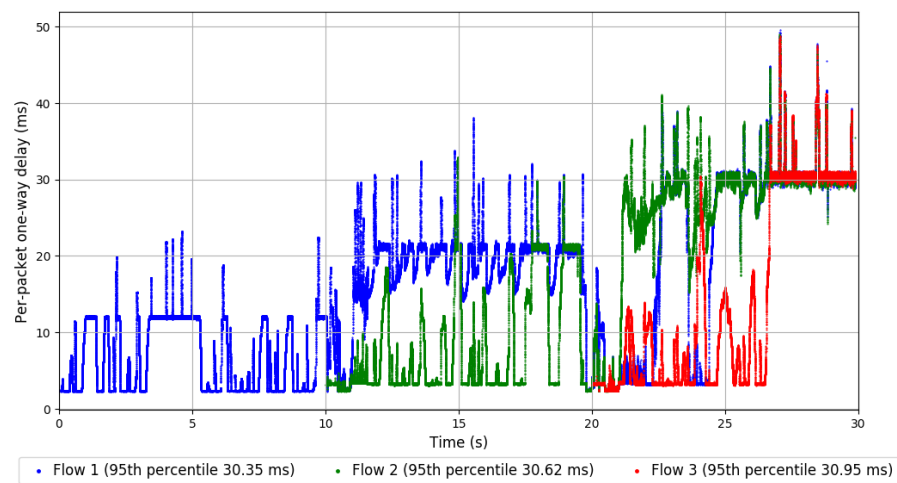
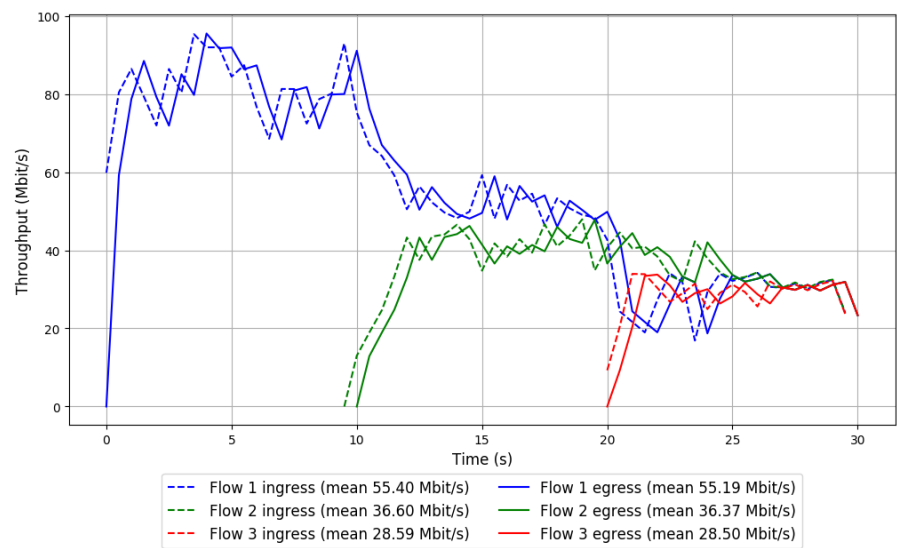


```
Run 1: Statistics of PCC-Expr

Start at: 2018-07-18 09:21:38
End at: 2018-07-18 09:22:08
Local clock offset: -5.757 ms
Remote clock offset: -7.869 ms

# Below is generated by plot.py at 2018-07-18 12:32:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.80 Mbit/s
95th percentile per-packet one-way delay: 30.559 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 55.19 Mbit/s
95th percentile per-packet one-way delay: 30.352 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 36.37 Mbit/s
95th percentile per-packet one-way delay: 30.620 ms
Loss rate: 0.66%
-- Flow 3:
Average throughput: 28.50 Mbit/s
95th percentile per-packet one-way delay: 30.948 ms
Loss rate: 0.57%
```

Run 1: Report of PCC-Expr — Data Link

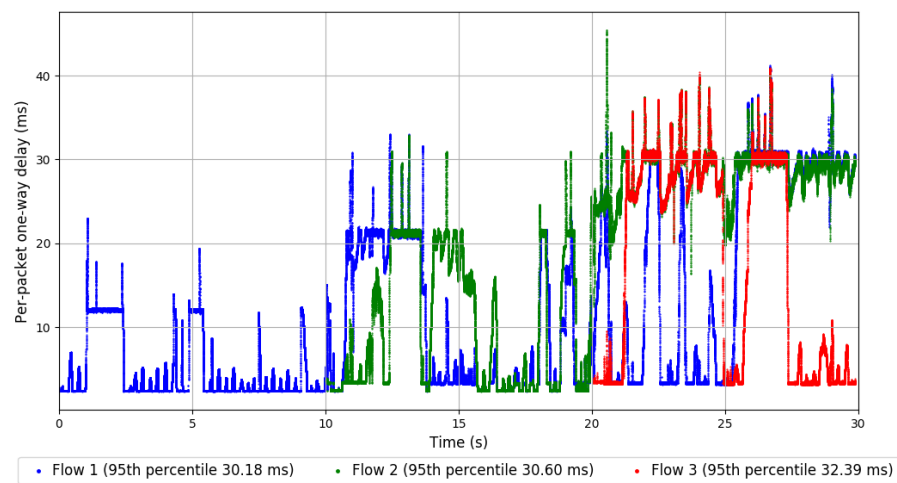
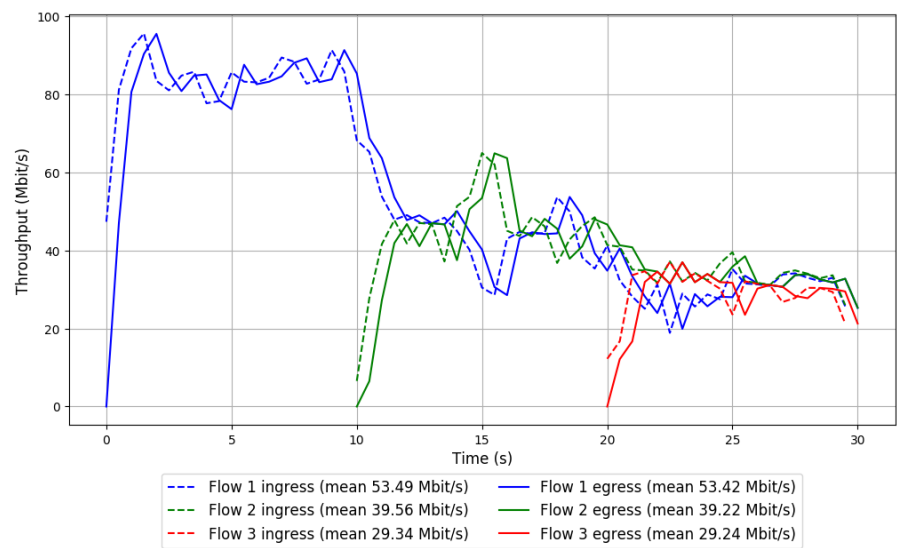


Run 2: Statistics of PCC-Expr

Start at: 2018-07-18 09:40:47
End at: 2018-07-18 09:41:17
Local clock offset: -5.643 ms
Remote clock offset: -7.837 ms

Below is generated by plot.py at 2018-07-18 12:32:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.15 Mbit/s
95th percentile per-packet one-way delay: 30.513 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 53.42 Mbit/s
95th percentile per-packet one-way delay: 30.179 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 39.22 Mbit/s
95th percentile per-packet one-way delay: 30.600 ms
Loss rate: 0.89%
-- Flow 3:
Average throughput: 29.24 Mbit/s
95th percentile per-packet one-way delay: 32.391 ms
Loss rate: 0.41%

Run 2: Report of PCC-Expr — Data Link

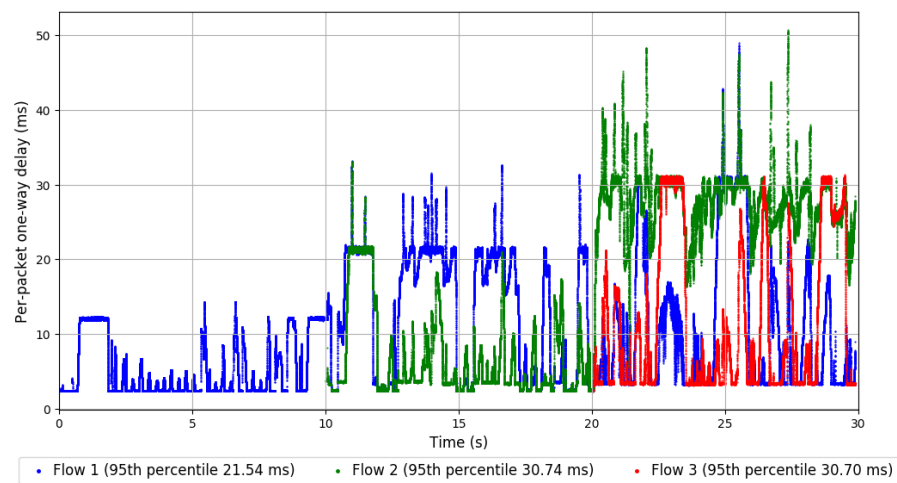
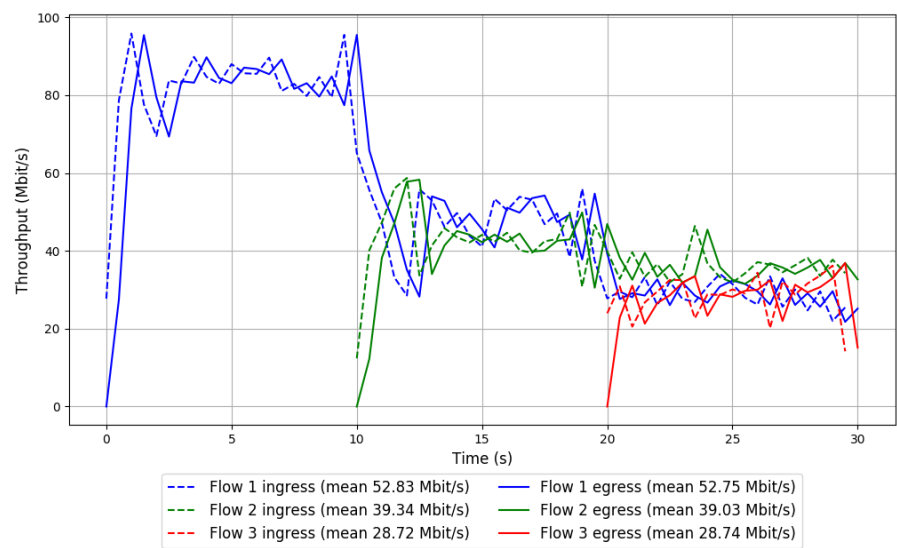


Run 3: Statistics of PCC-Expr

Start at: 2018-07-18 09:59:55
End at: 2018-07-18 10:00:25
Local clock offset: -5.804 ms
Remote clock offset: -7.013 ms

Below is generated by plot.py at 2018-07-18 12:32:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.19 Mbit/s
95th percentile per-packet one-way delay: 30.367 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 52.75 Mbit/s
95th percentile per-packet one-way delay: 21.535 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 39.03 Mbit/s
95th percentile per-packet one-way delay: 30.742 ms
Loss rate: 0.81%
-- Flow 3:
Average throughput: 28.74 Mbit/s
95th percentile per-packet one-way delay: 30.701 ms
Loss rate: 0.13%

Run 3: Report of PCC-Expr — Data Link

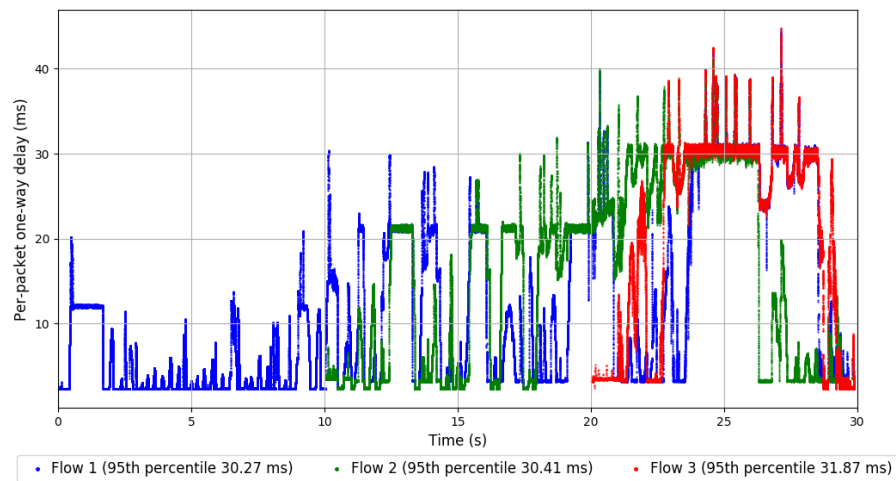
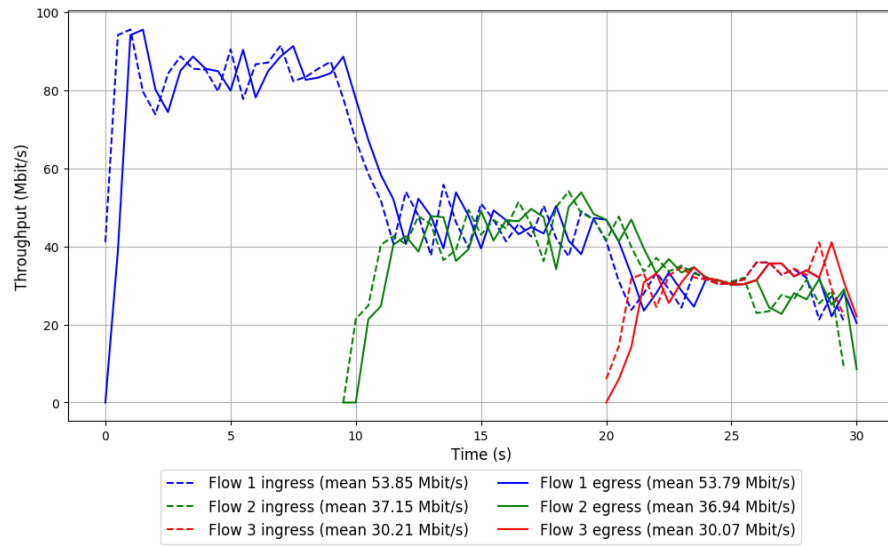


Run 4: Statistics of PCC-Expr

Start at: 2018-07-18 10:19:04
End at: 2018-07-18 10:19:34
Local clock offset: -5.933 ms
Remote clock offset: -6.643 ms

Below is generated by plot.py at 2018-07-18 12:33:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.29 Mbit/s
95th percentile per-packet one-way delay: 30.528 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 53.79 Mbit/s
95th percentile per-packet one-way delay: 30.273 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 36.94 Mbit/s
95th percentile per-packet one-way delay: 30.415 ms
Loss rate: 0.57%
-- Flow 3:
Average throughput: 30.07 Mbit/s
95th percentile per-packet one-way delay: 31.871 ms
Loss rate: 0.60%

Run 4: Report of PCC-Expr — Data Link

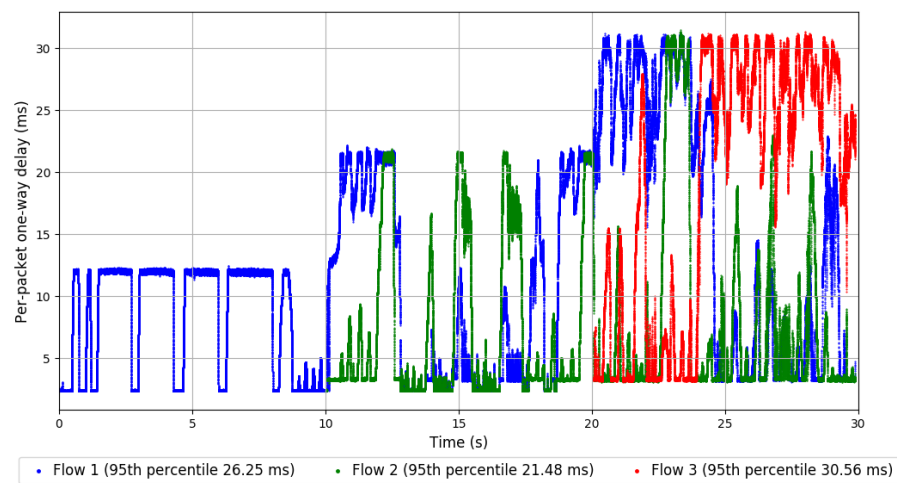
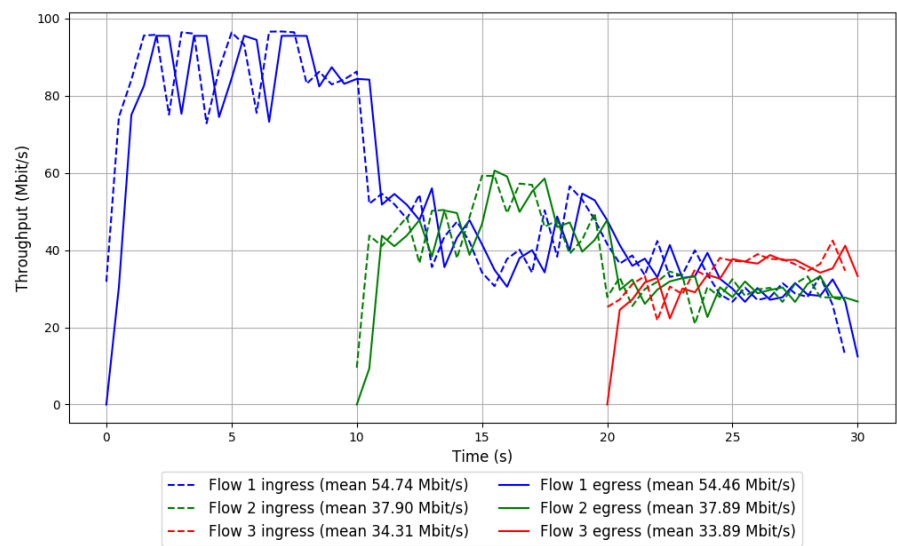


Run 5: Statistics of PCC-Expr

Start at: 2018-07-18 10:38:14
End at: 2018-07-18 10:38:44
Local clock offset: -6.143 ms
Remote clock offset: -6.511 ms

Below is generated by plot.py at 2018-07-18 12:33:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.84 Mbit/s
95th percentile per-packet one-way delay: 28.979 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 54.46 Mbit/s
95th percentile per-packet one-way delay: 26.255 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 37.89 Mbit/s
95th percentile per-packet one-way delay: 21.478 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 33.89 Mbit/s
95th percentile per-packet one-way delay: 30.556 ms
Loss rate: 1.27%

Run 5: Report of PCC-Expr — Data Link



Run 6: Statistics of PCC-Expr

Start at: 2018-07-18 10:57:25

End at: 2018-07-18 10:57:55

Local clock offset: -6.148 ms

Remote clock offset: -6.82 ms

Below is generated by plot.py at 2018-07-18 12:33:15

Datalink statistics

-- Total of 3 flows:

Average throughput: 89.80 Mbit/s

95th percentile per-packet one-way delay: 30.179 ms

Loss rate: 0.51%

-- Flow 1:

Average throughput: 55.69 Mbit/s

95th percentile per-packet one-way delay: 29.749 ms

Loss rate: 0.59%

-- Flow 2:

Average throughput: 36.97 Mbit/s

95th percentile per-packet one-way delay: 30.332 ms

Loss rate: 0.34%

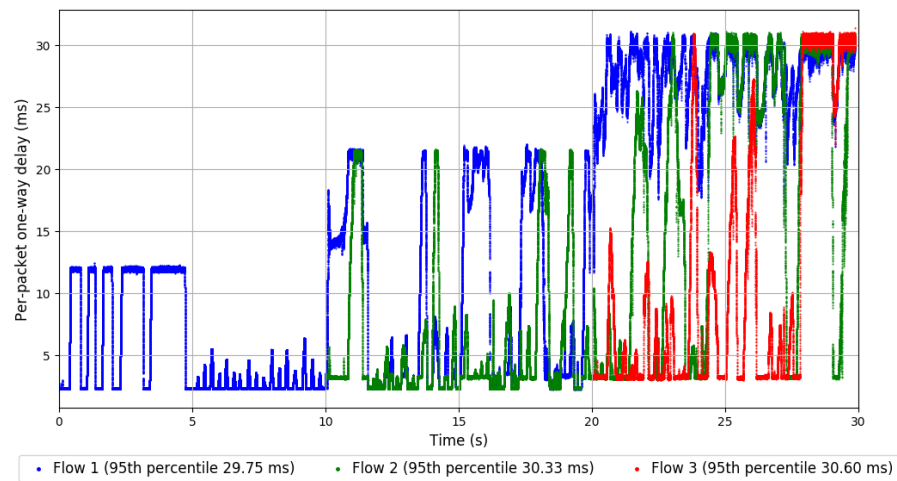
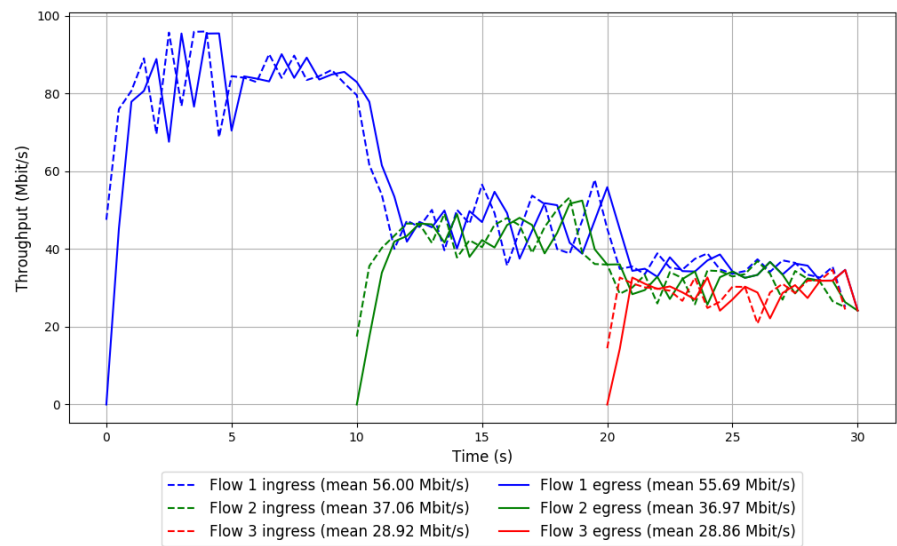
-- Flow 3:

Average throughput: 28.86 Mbit/s

95th percentile per-packet one-way delay: 30.600 ms

Loss rate: 0.43%

Run 6: Report of PCC-Expr — Data Link

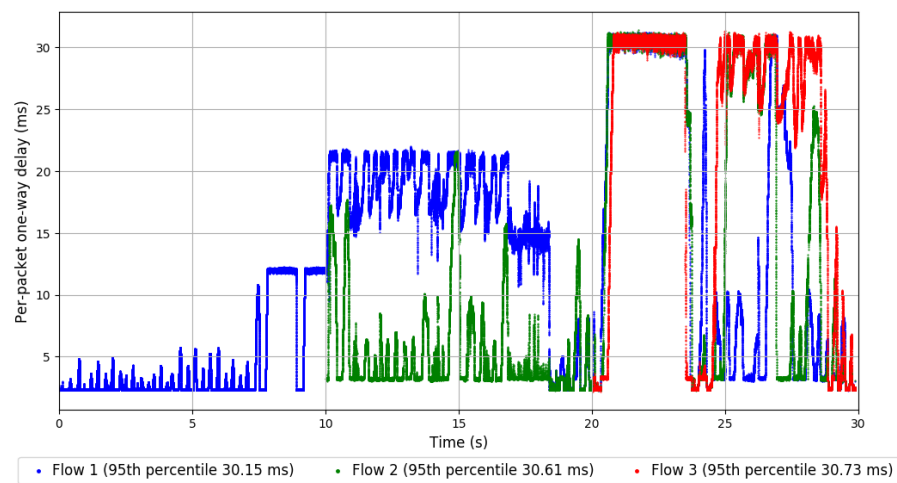
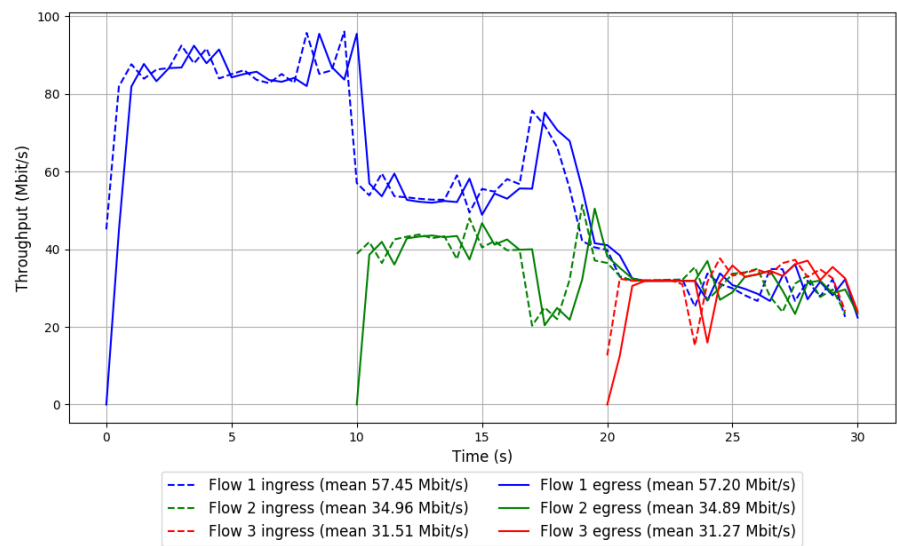


Run 7: Statistics of PCC-Expr

Start at: 2018-07-18 11:16:36
End at: 2018-07-18 11:17:06
Local clock offset: -5.802 ms
Remote clock offset: -7.443 ms

Below is generated by plot.py at 2018-07-18 12:34:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.71 Mbit/s
95th percentile per-packet one-way delay: 30.536 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 57.20 Mbit/s
95th percentile per-packet one-way delay: 30.153 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 34.89 Mbit/s
95th percentile per-packet one-way delay: 30.611 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 31.27 Mbit/s
95th percentile per-packet one-way delay: 30.728 ms
Loss rate: 0.81%

Run 7: Report of PCC-Expr — Data Link

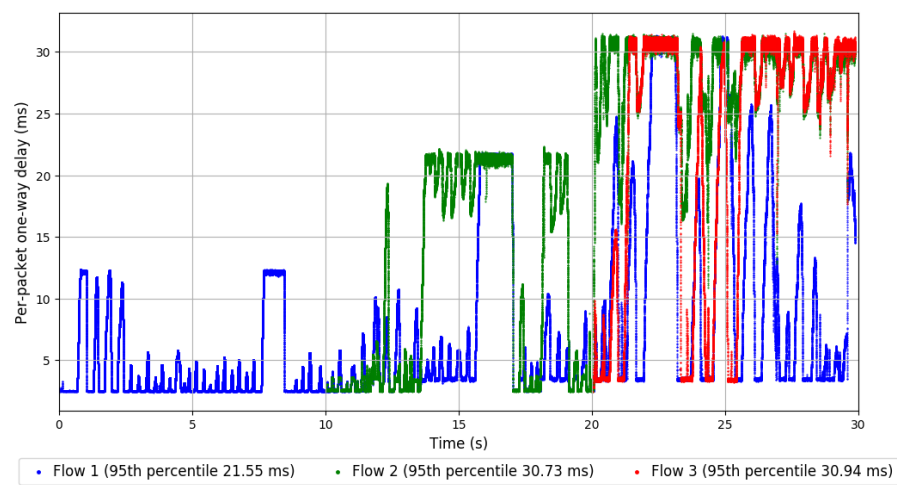
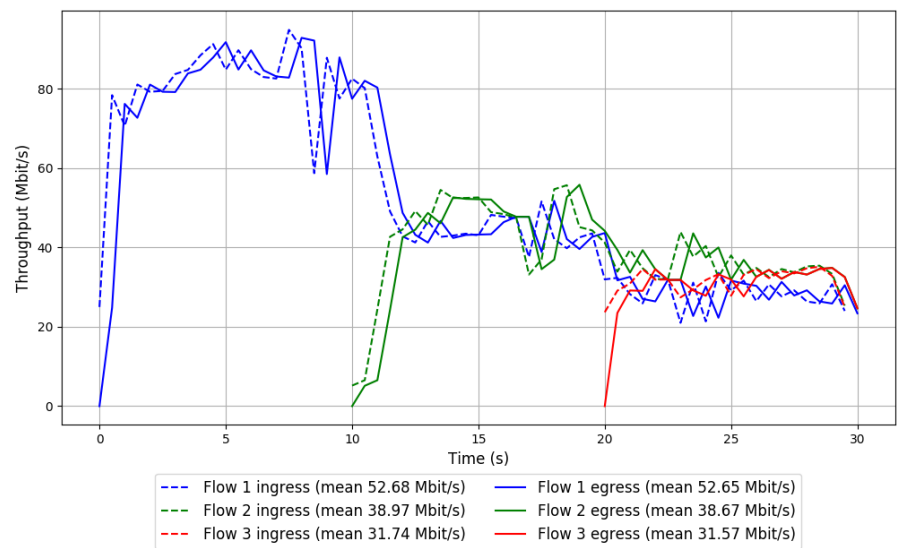


Run 8: Statistics of PCC-Expr

Start at: 2018-07-18 11:35:46
End at: 2018-07-18 11:36:16
Local clock offset: -5.638 ms
Remote clock offset: -6.841 ms

Below is generated by plot.py at 2018-07-18 12:34:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.78 Mbit/s
95th percentile per-packet one-way delay: 30.652 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 52.65 Mbit/s
95th percentile per-packet one-way delay: 21.548 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 38.67 Mbit/s
95th percentile per-packet one-way delay: 30.726 ms
Loss rate: 0.86%
-- Flow 3:
Average throughput: 31.57 Mbit/s
95th percentile per-packet one-way delay: 30.943 ms
Loss rate: 0.73%

Run 8: Report of PCC-Expr — Data Link

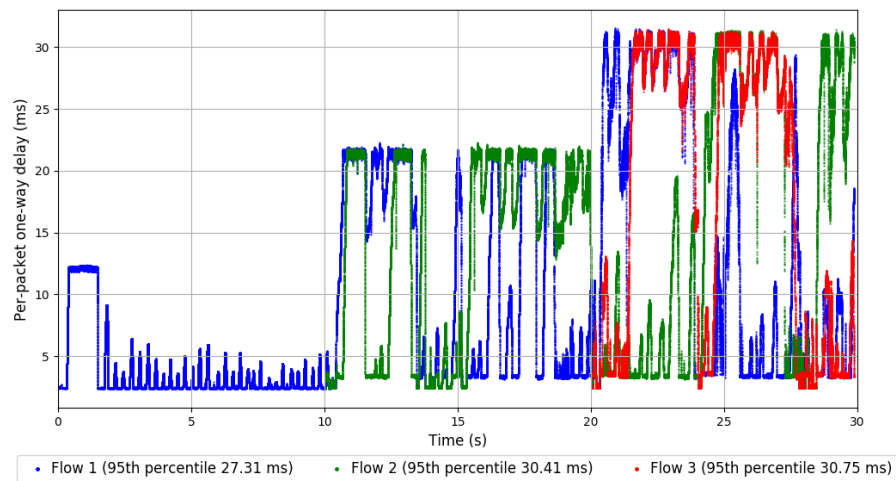
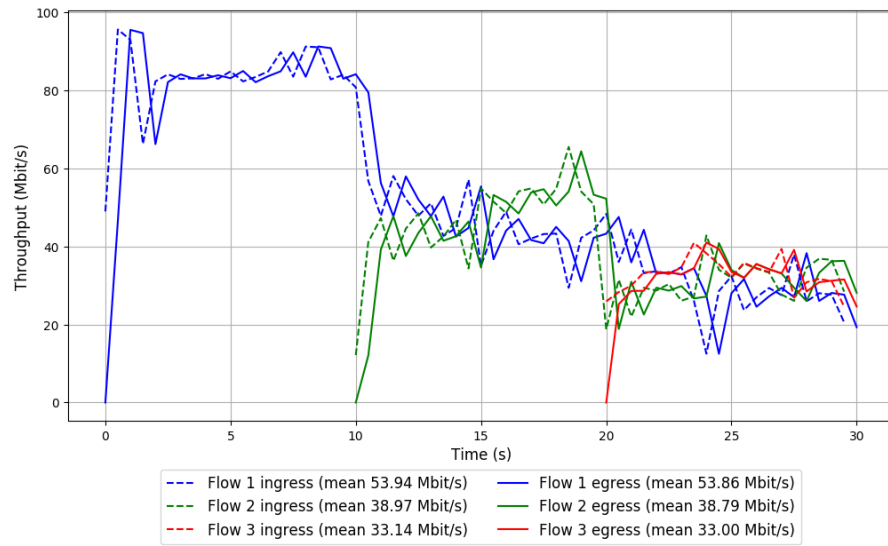


Run 9: Statistics of PCC-Expr

Start at: 2018-07-18 11:54:57
End at: 2018-07-18 11:55:27
Local clock offset: -5.524 ms
Remote clock offset: -6.125 ms

Below is generated by plot.py at 2018-07-18 12:35:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.55 Mbit/s
95th percentile per-packet one-way delay: 30.301 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 53.86 Mbit/s
95th percentile per-packet one-way delay: 27.310 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 38.79 Mbit/s
95th percentile per-packet one-way delay: 30.408 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 33.00 Mbit/s
95th percentile per-packet one-way delay: 30.746 ms
Loss rate: 0.48%

Run 9: Report of PCC-Expr — Data Link

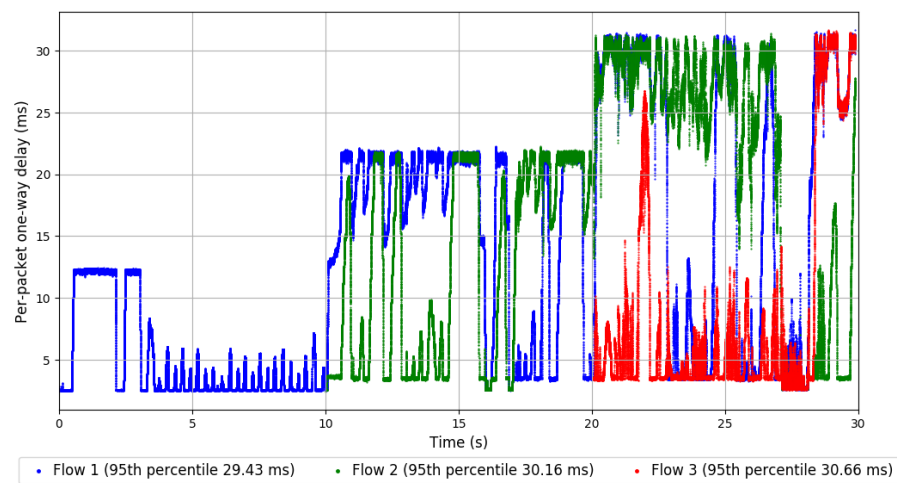
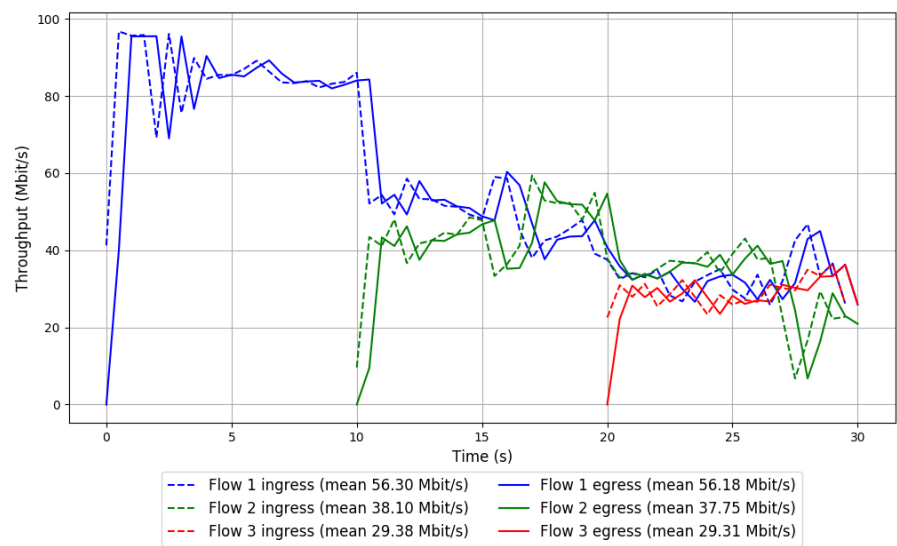


Run 10: Statistics of PCC-Expr

Start at: 2018-07-18 12:14:07
End at: 2018-07-18 12:14:37
Local clock offset: -5.77 ms
Remote clock offset: -2.087 ms

Below is generated by plot.py at 2018-07-18 12:35:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.95 Mbit/s
95th percentile per-packet one-way delay: 29.977 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 56.18 Mbit/s
95th percentile per-packet one-way delay: 29.430 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 37.75 Mbit/s
95th percentile per-packet one-way delay: 30.159 ms
Loss rate: 0.94%
-- Flow 3:
Average throughput: 29.31 Mbit/s
95th percentile per-packet one-way delay: 30.662 ms
Loss rate: 0.43%

Run 10: Report of PCC-Expr — Data Link

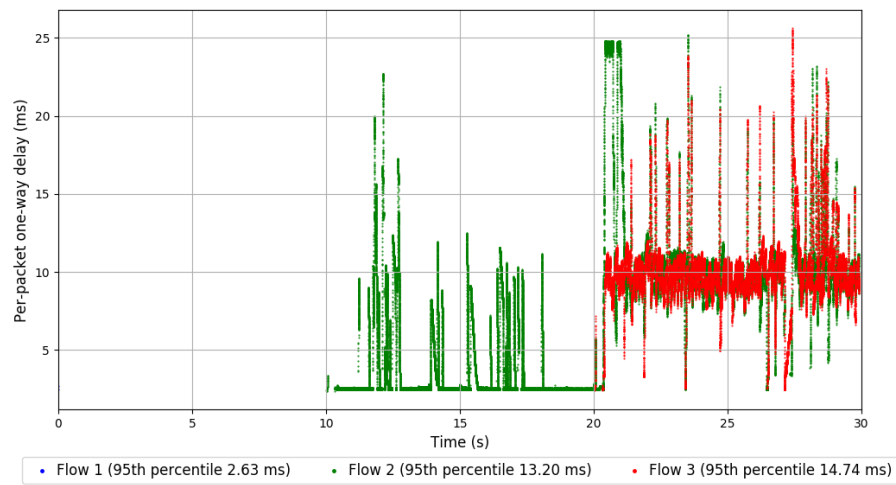
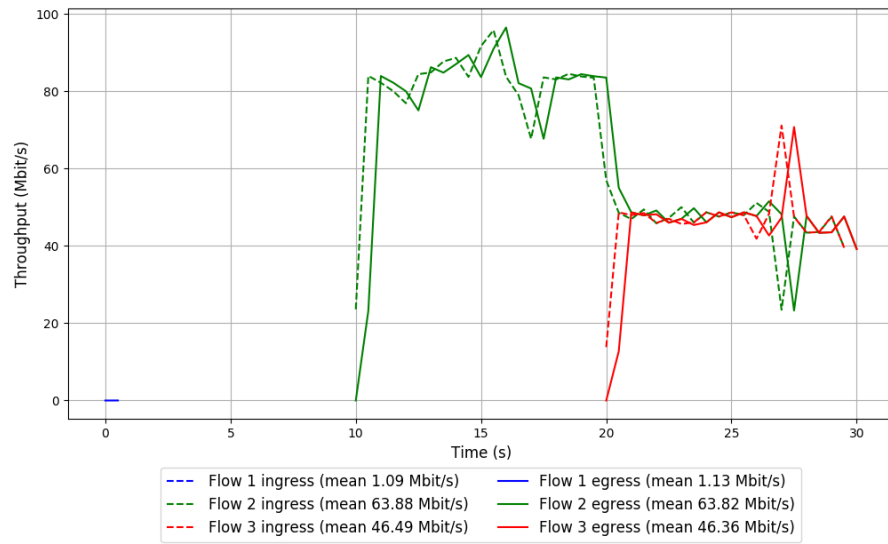


Run 1: Statistics of QUIC Cubic

Start at: 2018-07-18 09:04:48
End at: 2018-07-18 09:05:18
Local clock offset: -5.578 ms
Remote clock offset: -8.395 ms

Below is generated by plot.py at 2018-07-18 12:35:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 57.79 Mbit/s
95th percentile per-packet one-way delay: 13.712 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 1.13 Mbit/s
95th percentile per-packet one-way delay: 2.627 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 63.82 Mbit/s
95th percentile per-packet one-way delay: 13.198 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 46.36 Mbit/s
95th percentile per-packet one-way delay: 14.739 ms
Loss rate: 0.31%

Run 1: Report of QUIC Cubic — Data Link

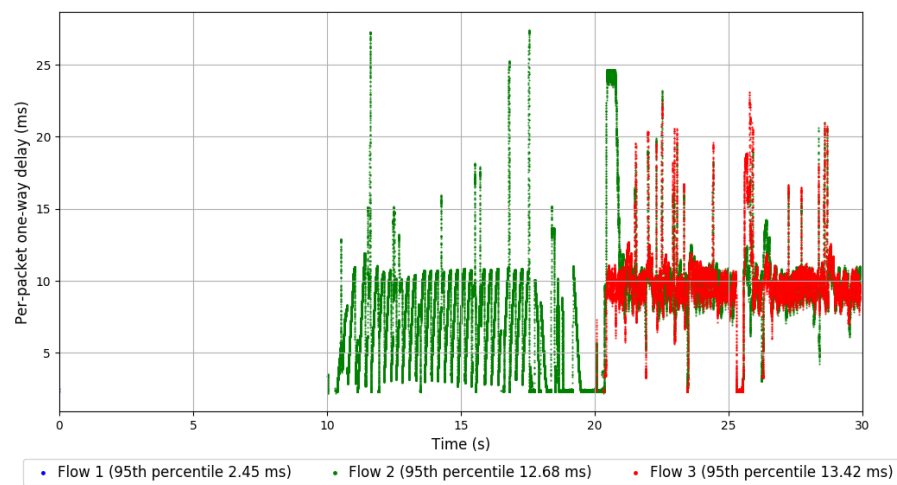
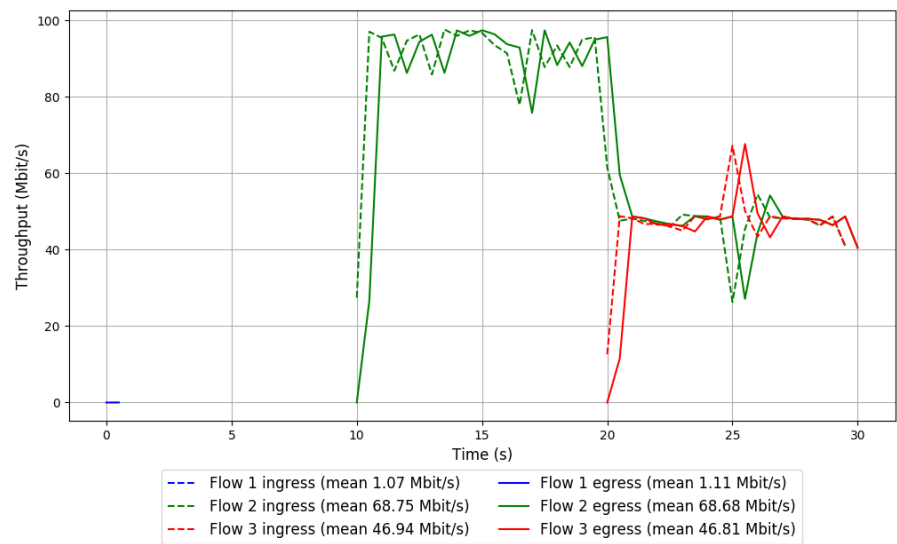


Run 2: Statistics of QUIC Cubic

Start at: 2018-07-18 09:23:57
End at: 2018-07-18 09:24:27
Local clock offset: -5.823 ms
Remote clock offset: -7.836 ms

Below is generated by plot.py at 2018-07-18 12:35:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 61.19 Mbit/s
95th percentile per-packet one-way delay: 12.832 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 1.11 Mbit/s
95th percentile per-packet one-way delay: 2.446 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 68.68 Mbit/s
95th percentile per-packet one-way delay: 12.677 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 46.81 Mbit/s
95th percentile per-packet one-way delay: 13.419 ms
Loss rate: 0.31%

Run 2: Report of QUIC Cubic — Data Link

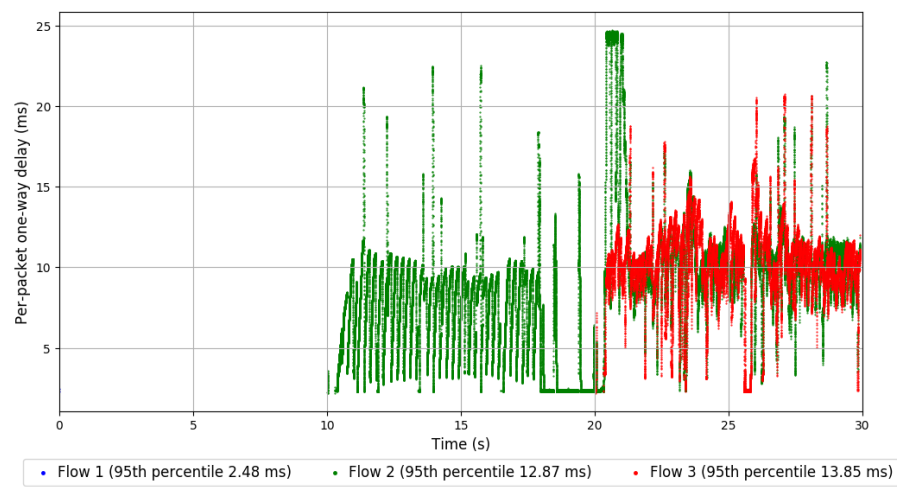
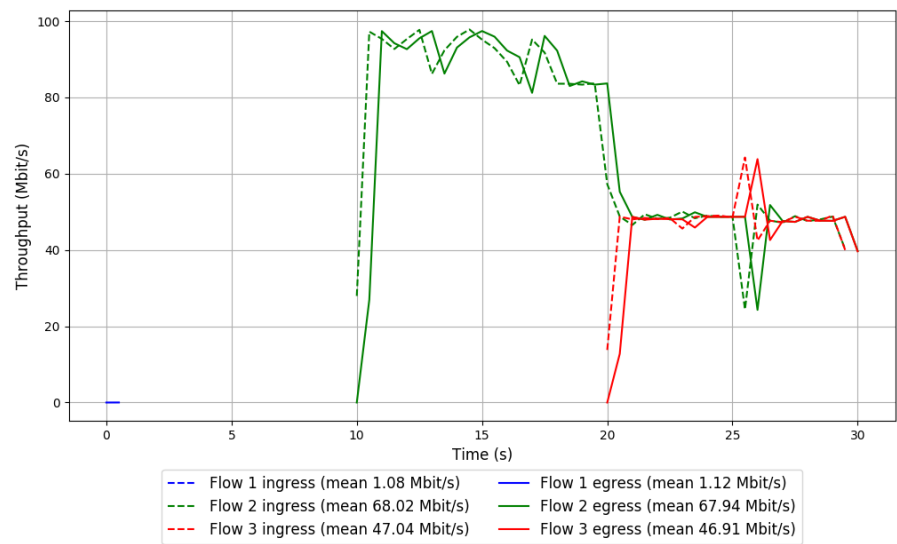


Run 3: Statistics of QUIC Cubic

Start at: 2018-07-18 09:43:06
End at: 2018-07-18 09:43:36
Local clock offset: -5.638 ms
Remote clock offset: -7.857 ms

Below is generated by plot.py at 2018-07-18 12:35:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 60.72 Mbit/s
95th percentile per-packet one-way delay: 13.460 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 1.12 Mbit/s
95th percentile per-packet one-way delay: 2.480 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 67.94 Mbit/s
95th percentile per-packet one-way delay: 12.865 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 46.91 Mbit/s
95th percentile per-packet one-way delay: 13.850 ms
Loss rate: 0.30%

Run 3: Report of QUIC Cubic — Data Link

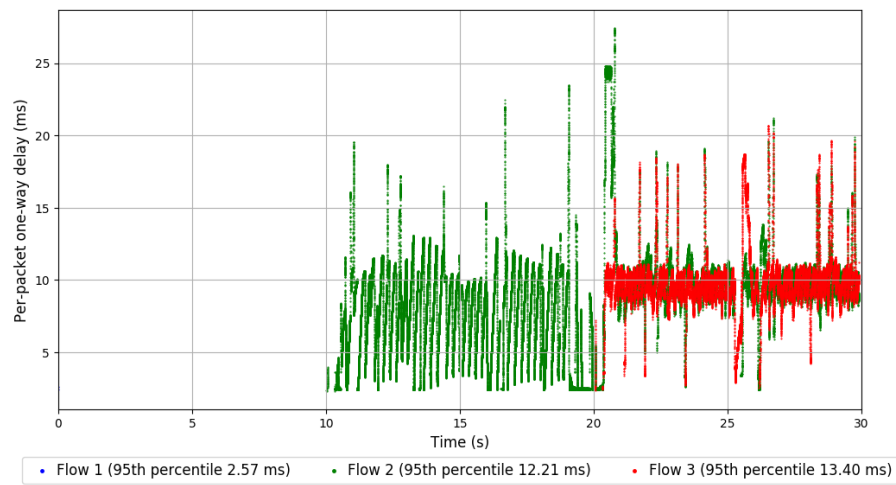
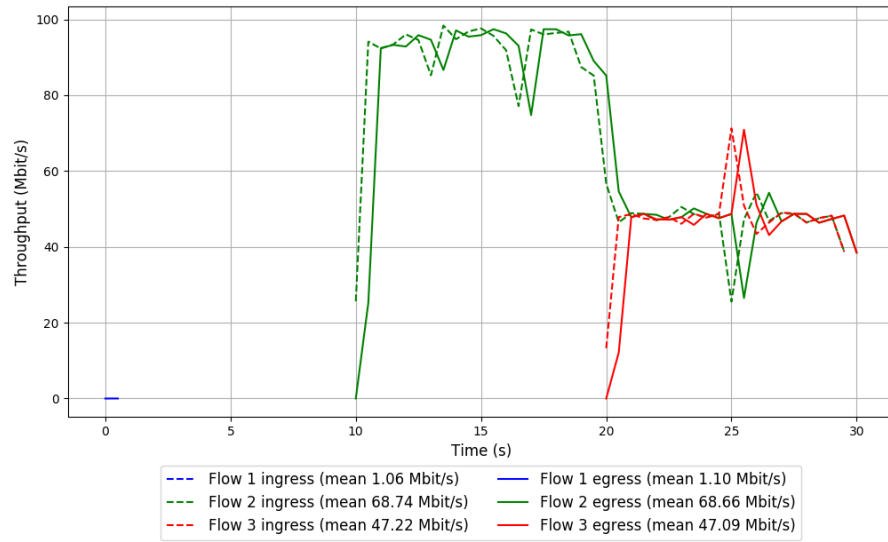


Run 4: Statistics of QUIC Cubic

Start at: 2018-07-18 10:02:14
End at: 2018-07-18 10:02:44
Local clock offset: -5.788 ms
Remote clock offset: -6.893 ms

Below is generated by plot.py at 2018-07-18 12:35:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 61.25 Mbit/s
95th percentile per-packet one-way delay: 12.276 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 1.10 Mbit/s
95th percentile per-packet one-way delay: 2.571 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 68.66 Mbit/s
95th percentile per-packet one-way delay: 12.213 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 47.09 Mbit/s
95th percentile per-packet one-way delay: 13.402 ms
Loss rate: 0.31%

Run 4: Report of QUIC Cubic — Data Link

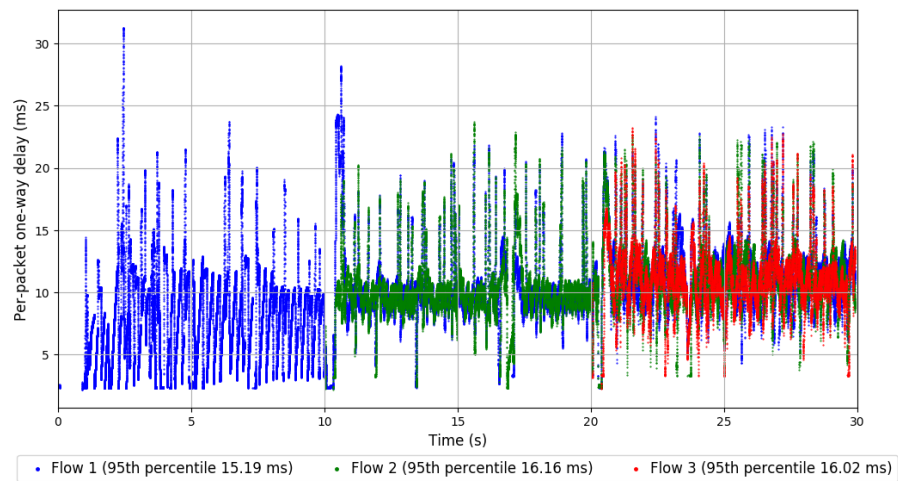
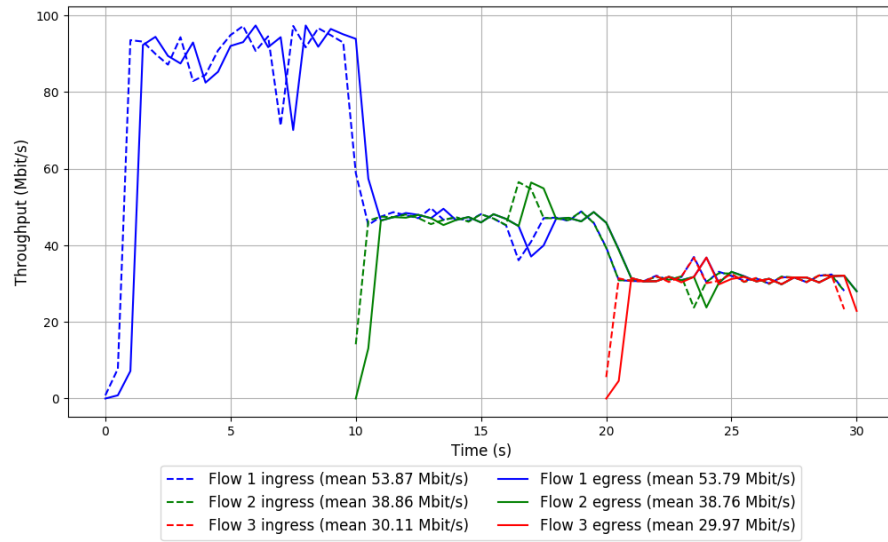


Run 5: Statistics of QUIC Cubic

Start at: 2018-07-18 10:21:23
End at: 2018-07-18 10:21:53
Local clock offset: -5.959 ms
Remote clock offset: -6.618 ms

Below is generated by plot.py at 2018-07-18 12:35:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.49 Mbit/s
95th percentile per-packet one-way delay: 15.628 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 53.79 Mbit/s
95th percentile per-packet one-way delay: 15.186 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 38.76 Mbit/s
95th percentile per-packet one-way delay: 16.158 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 29.97 Mbit/s
95th percentile per-packet one-way delay: 16.018 ms
Loss rate: 0.50%

Run 5: Report of QUIC Cubic — Data Link

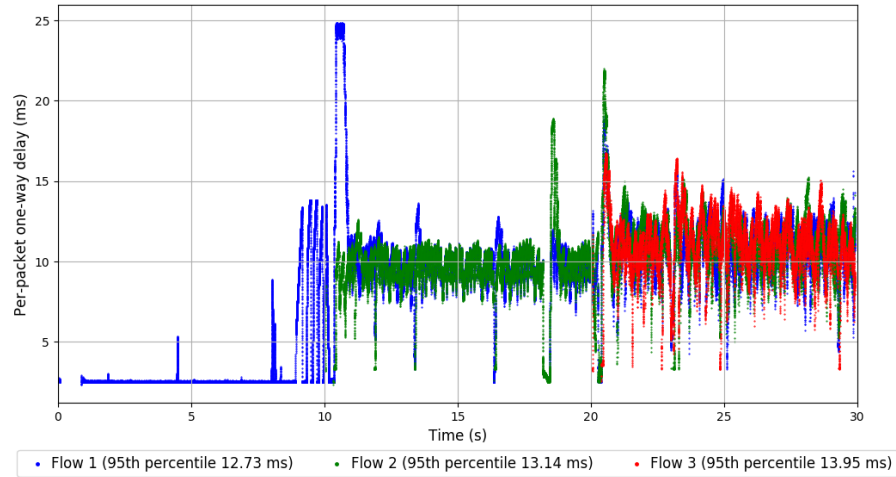
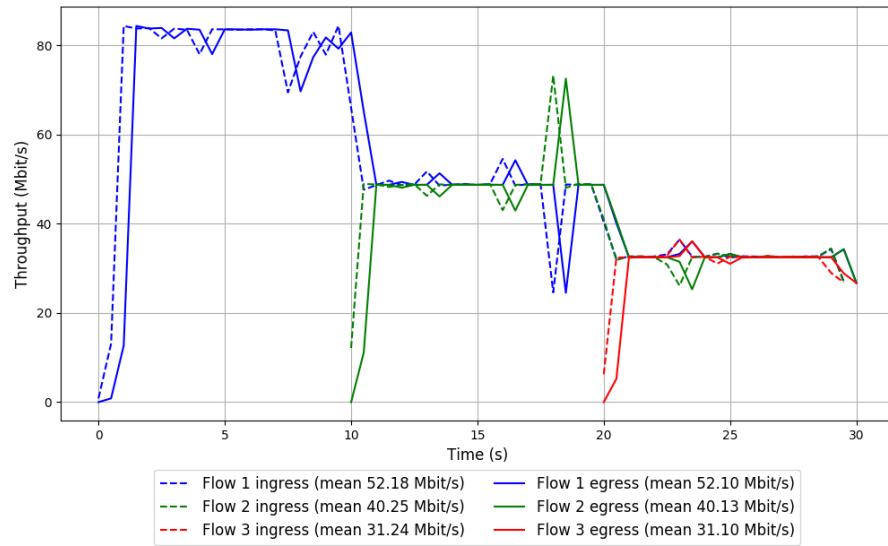


Run 6: Statistics of QUIC Cubic

Start at: 2018-07-18 10:40:33
End at: 2018-07-18 10:41:03
Local clock offset: -6.171 ms
Remote clock offset: -6.603 ms

Below is generated by plot.py at 2018-07-18 12:35:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.08 Mbit/s
95th percentile per-packet one-way delay: 13.122 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 52.10 Mbit/s
95th percentile per-packet one-way delay: 12.729 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 40.13 Mbit/s
95th percentile per-packet one-way delay: 13.142 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 31.10 Mbit/s
95th percentile per-packet one-way delay: 13.948 ms
Loss rate: 0.45%

Run 6: Report of QUIC Cubic — Data Link

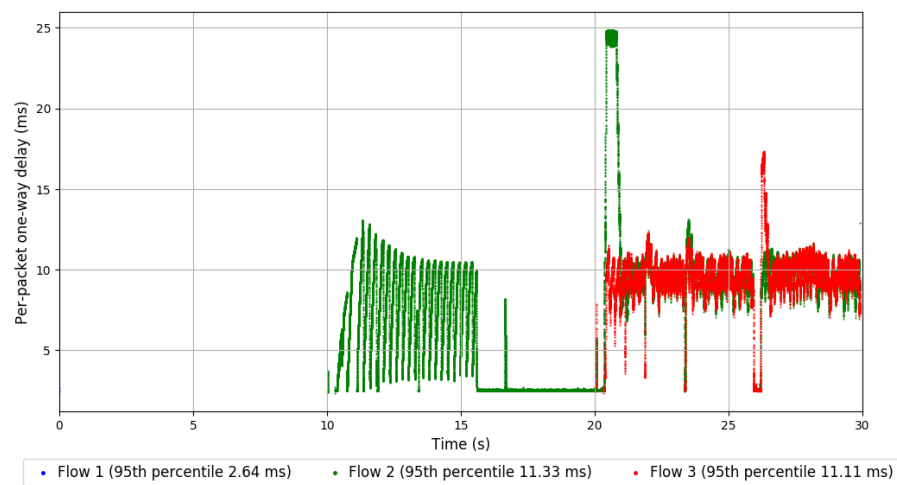
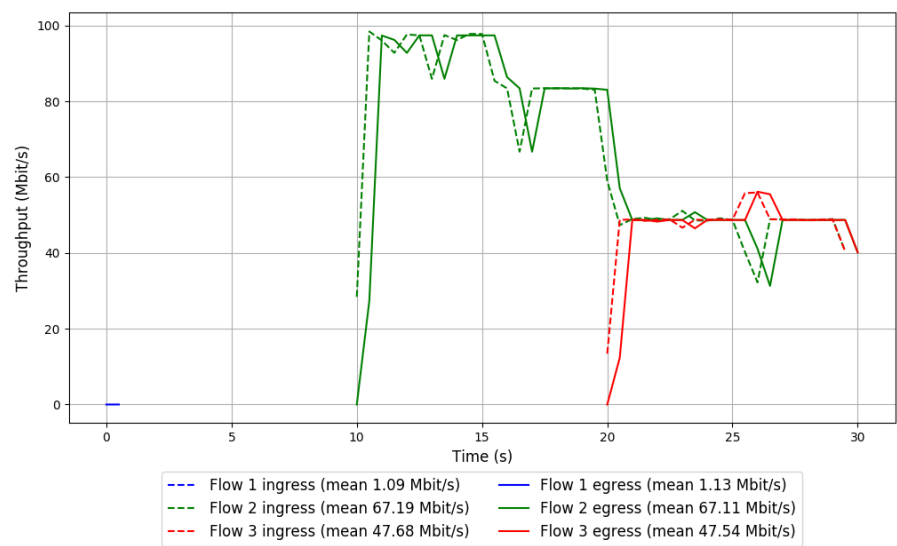


Run 7: Statistics of QUIC Cubic

Start at: 2018-07-18 10:59:45
End at: 2018-07-18 11:00:15
Local clock offset: -6.054 ms
Remote clock offset: -7.124 ms

Below is generated by plot.py at 2018-07-18 12:35:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 60.38 Mbit/s
95th percentile per-packet one-way delay: 11.252 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 1.13 Mbit/s
95th percentile per-packet one-way delay: 2.642 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 67.11 Mbit/s
95th percentile per-packet one-way delay: 11.333 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 47.54 Mbit/s
95th percentile per-packet one-way delay: 11.110 ms
Loss rate: 0.32%

Run 7: Report of QUIC Cubic — Data Link

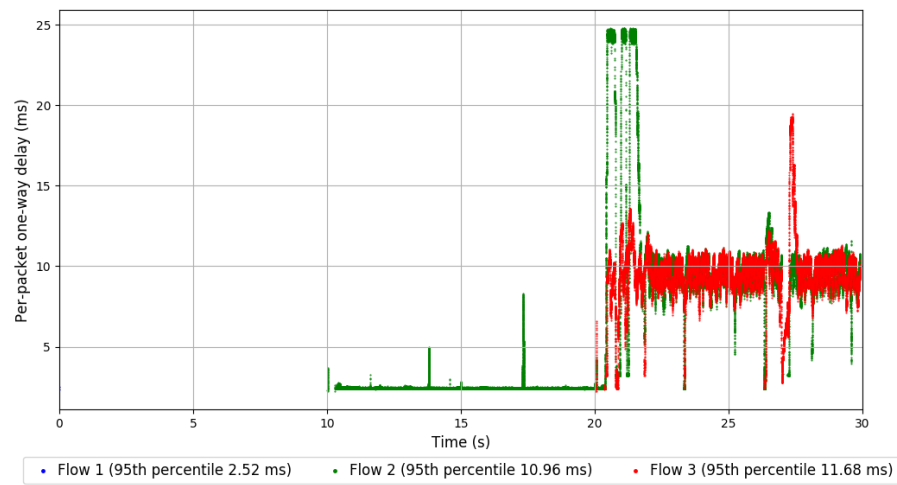
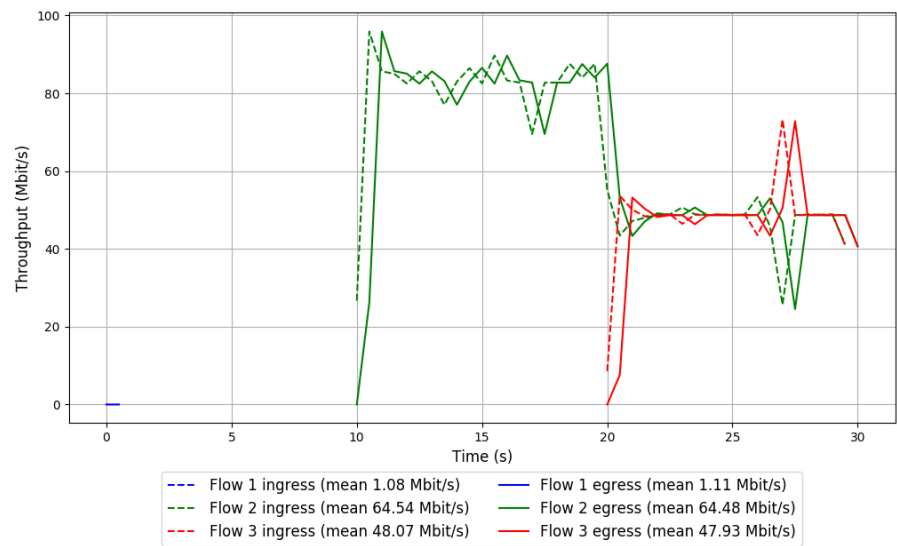


Run 8: Statistics of QUIC Cubic

Start at: 2018-07-18 11:18:55
End at: 2018-07-18 11:19:25
Local clock offset: -5.784 ms
Remote clock offset: -7.523 ms

Below is generated by plot.py at 2018-07-18 12:35:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 58.76 Mbit/s
95th percentile per-packet one-way delay: 11.342 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 1.11 Mbit/s
95th percentile per-packet one-way delay: 2.525 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 64.48 Mbit/s
95th percentile per-packet one-way delay: 10.957 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 47.93 Mbit/s
95th percentile per-packet one-way delay: 11.678 ms
Loss rate: 0.33%

Run 8: Report of QUIC Cubic — Data Link

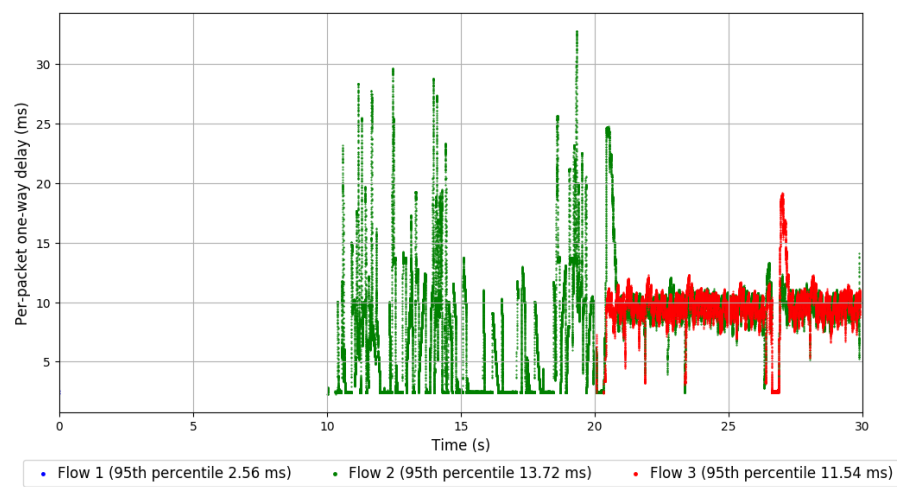
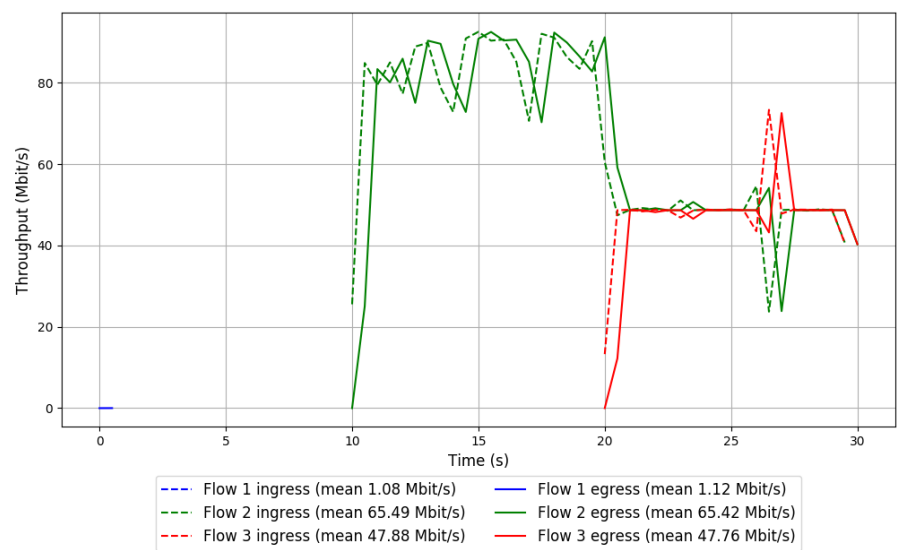


Run 9: Statistics of QUIC Cubic

Start at: 2018-07-18 11:38:05
End at: 2018-07-18 11:38:35
Local clock offset: -5.625 ms
Remote clock offset: -6.597 ms

Below is generated by plot.py at 2018-07-18 12:35:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 59.32 Mbit/s
95th percentile per-packet one-way delay: 13.640 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 1.12 Mbit/s
95th percentile per-packet one-way delay: 2.561 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 65.42 Mbit/s
95th percentile per-packet one-way delay: 13.723 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 47.76 Mbit/s
95th percentile per-packet one-way delay: 11.536 ms
Loss rate: 0.30%

Run 9: Report of QUIC Cubic — Data Link

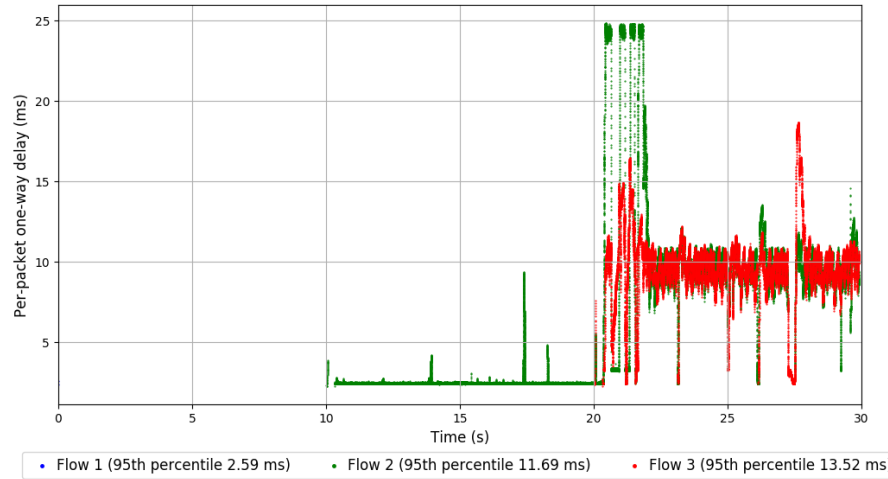
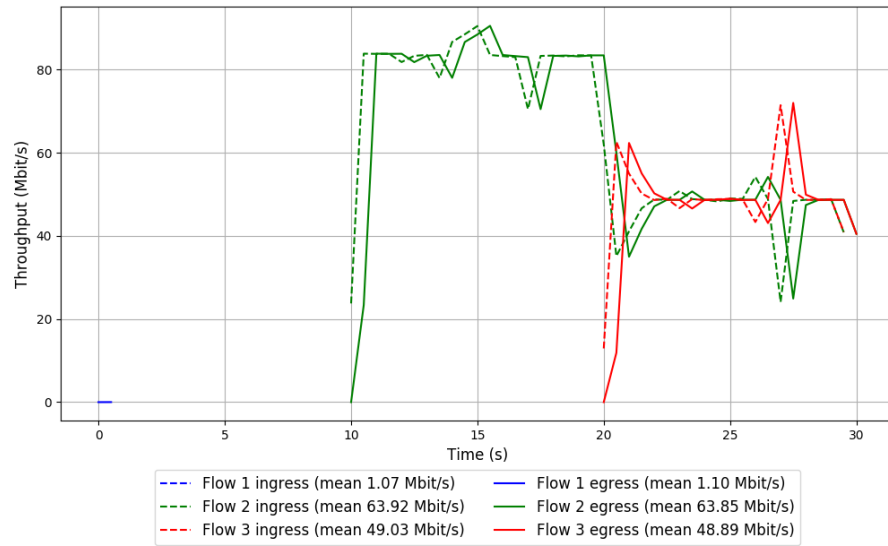


Run 10: Statistics of QUIC Cubic

Start at: 2018-07-18 11:57:16
End at: 2018-07-18 11:57:46
Local clock offset: -5.591 ms
Remote clock offset: -6.048 ms

Below is generated by plot.py at 2018-07-18 12:35:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 58.66 Mbit/s
95th percentile per-packet one-way delay: 12.270 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 1.10 Mbit/s
95th percentile per-packet one-way delay: 2.591 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 63.85 Mbit/s
95th percentile per-packet one-way delay: 11.688 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 48.89 Mbit/s
95th percentile per-packet one-way delay: 13.515 ms
Loss rate: 0.31%

Run 10: Report of QUIC Cubic — Data Link

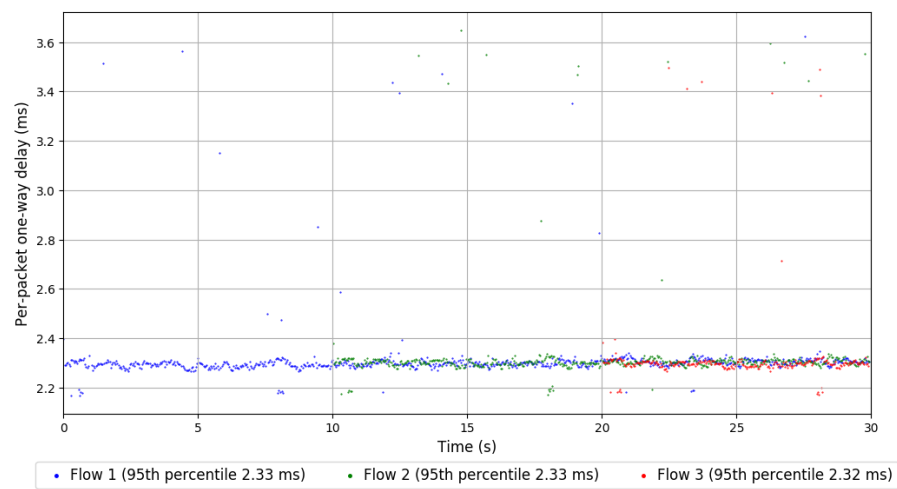
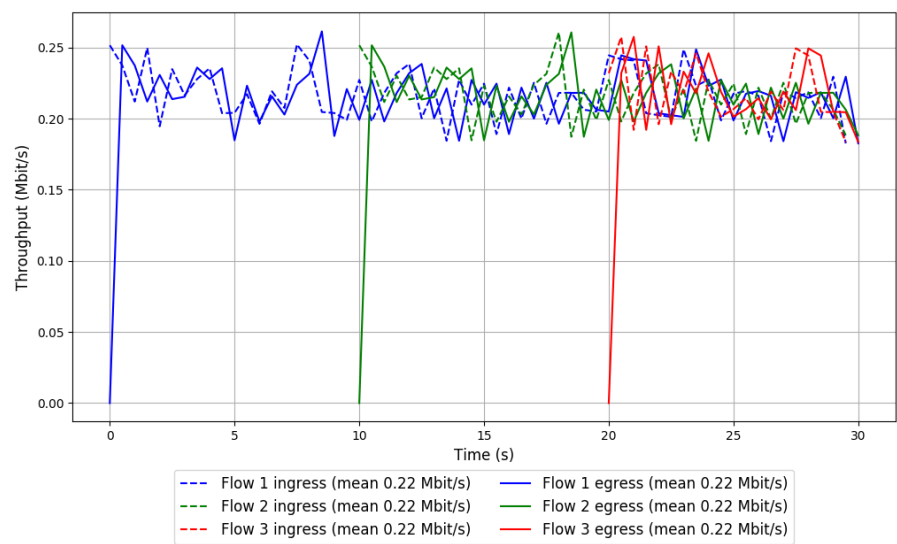


Run 1: Statistics of SReAM

Start at: 2018-07-18 09:20:34
End at: 2018-07-18 09:21:04
Local clock offset: -5.817 ms
Remote clock offset: -7.937 ms

Below is generated by plot.py at 2018-07-18 12:35:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.326 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.325 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.329 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.321 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

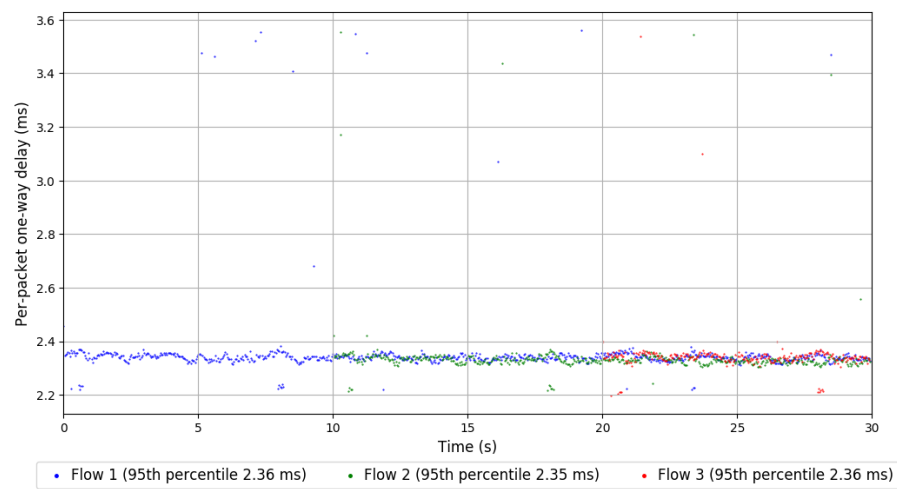
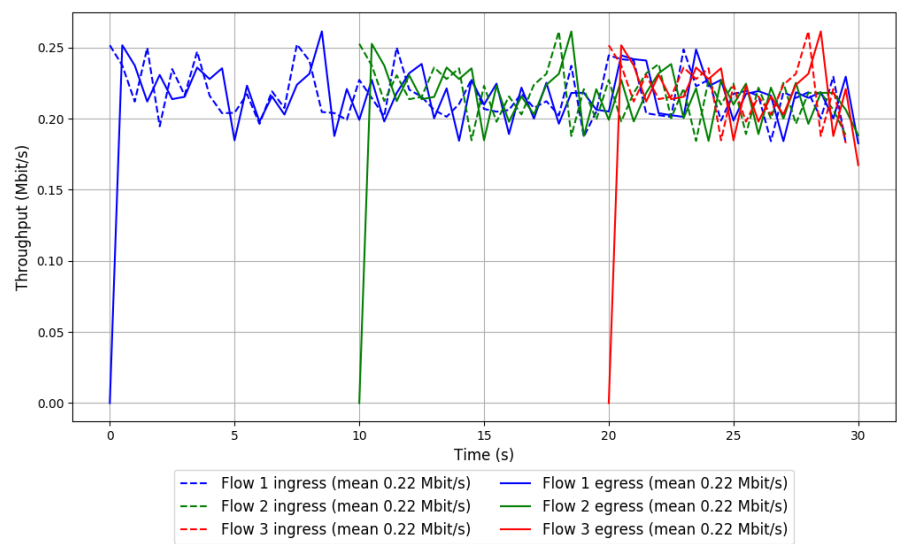


Run 2: Statistics of SReAM

Start at: 2018-07-18 09:39:43
End at: 2018-07-18 09:40:13
Local clock offset: -5.644 ms
Remote clock offset: -7.835 ms

Below is generated by plot.py at 2018-07-18 12:35:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.361 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.362 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.354 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.362 ms
Loss rate: 0.35%

Run 2: Report of SReAM — Data Link

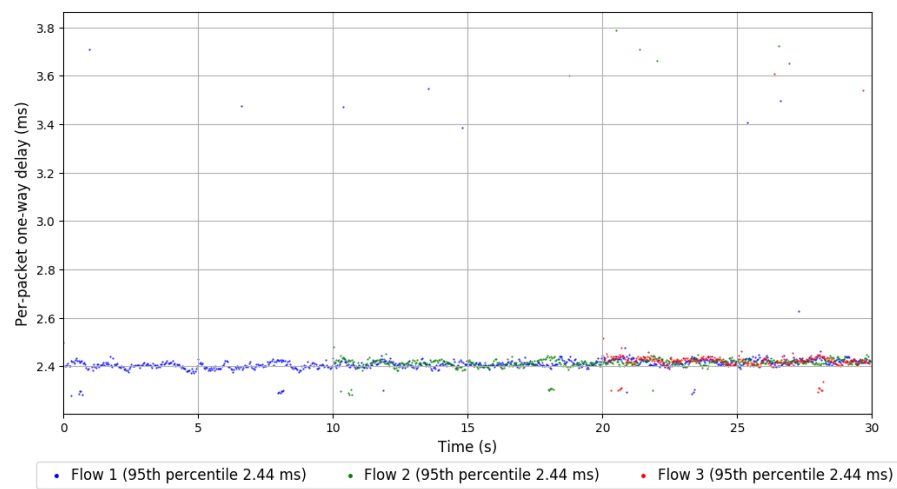
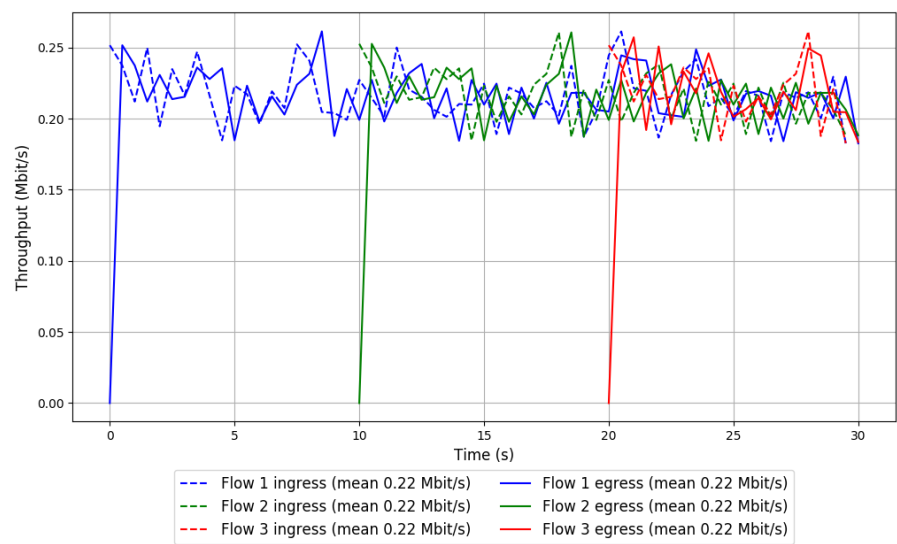


Run 3: Statistics of SReAM

Start at: 2018-07-18 09:58:51
End at: 2018-07-18 09:59:21
Local clock offset: -5.724 ms
Remote clock offset: -6.959 ms

Below is generated by plot.py at 2018-07-18 12:35:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.440 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.437 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.437 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.443 ms
Loss rate: 0.35%

Run 3: Report of SCRaM — Data Link

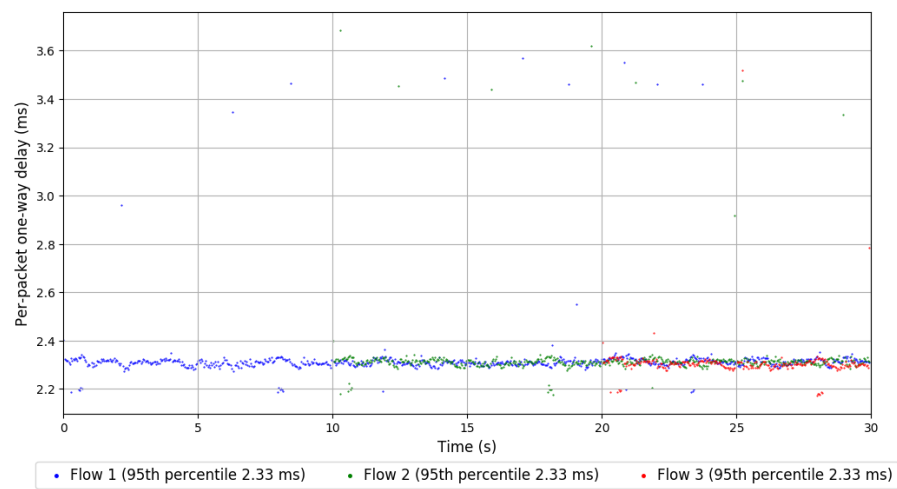
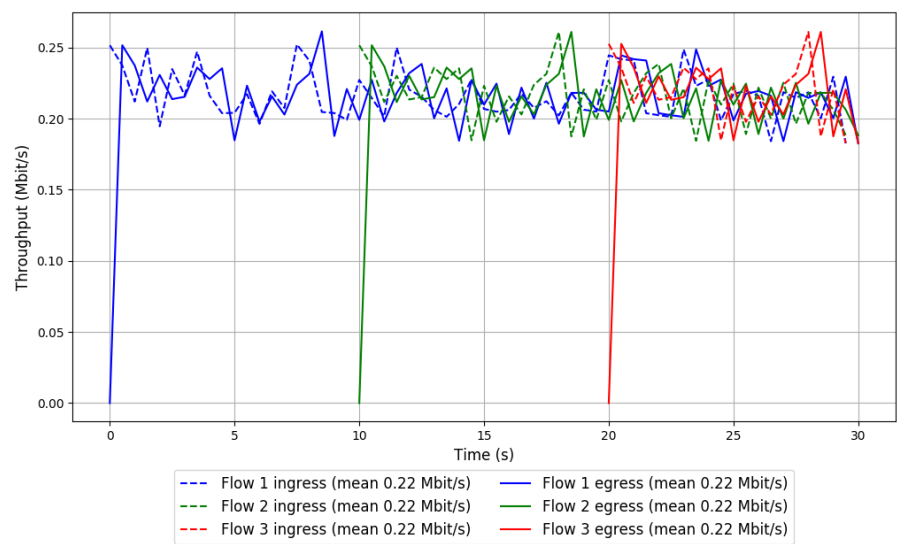


Run 4: Statistics of SReAM

Start at: 2018-07-18 10:18:00
End at: 2018-07-18 10:18:30
Local clock offset: -5.938 ms
Remote clock offset: -6.624 ms

Below is generated by plot.py at 2018-07-18 12:35:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.332 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.333 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.333 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.329 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

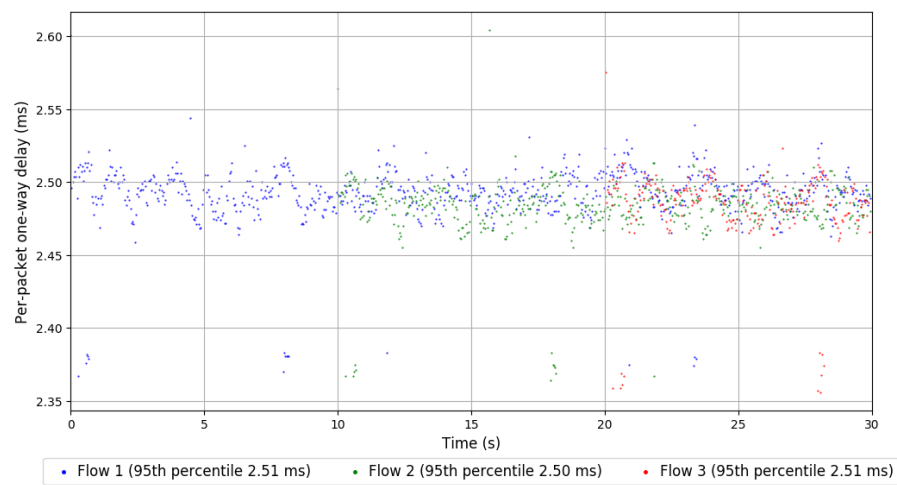
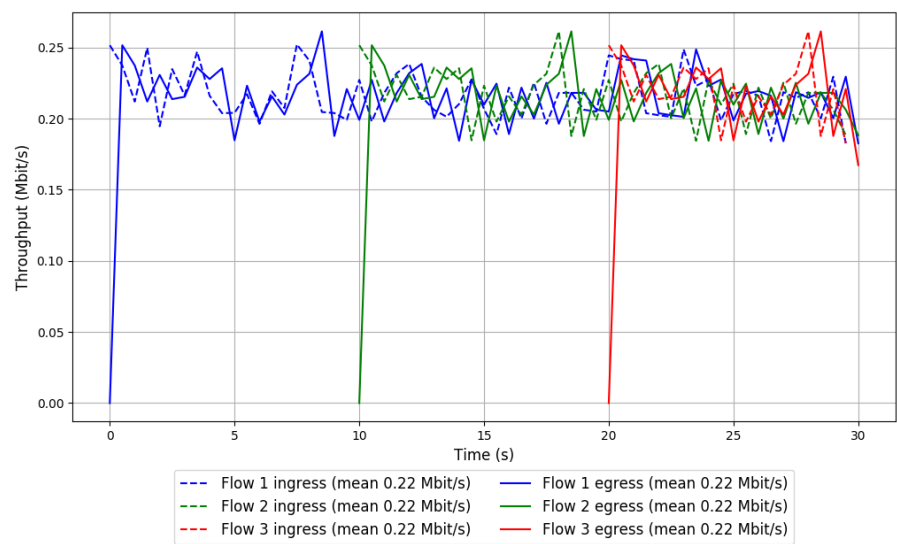


Run 5: Statistics of SReAM

Start at: 2018-07-18 10:37:10
End at: 2018-07-18 10:37:40
Local clock offset: -6.148 ms
Remote clock offset: -6.653 ms

Below is generated by plot.py at 2018-07-18 12:35:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.510 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.512 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.504 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.507 ms
Loss rate: 0.35%

Run 5: Report of SReAM — Data Link

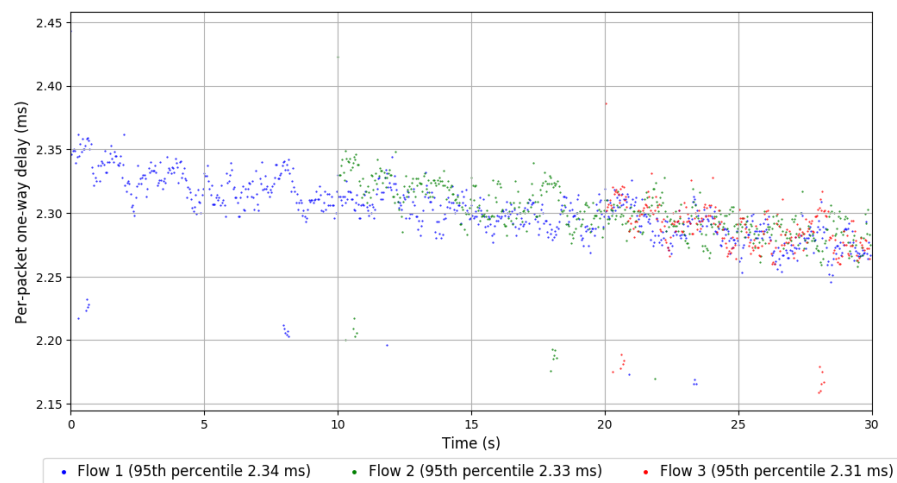
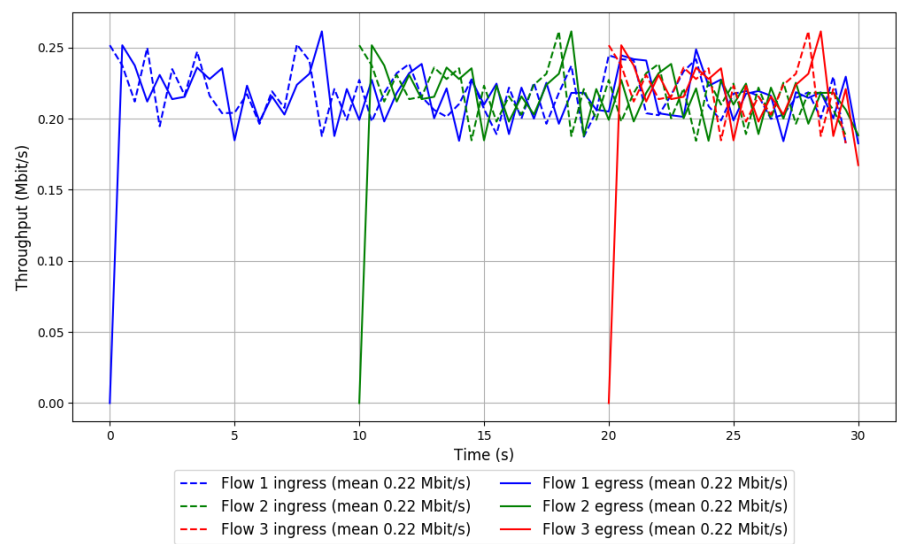


Run 6: Statistics of SReAM

Start at: 2018-07-18 10:56:22
End at: 2018-07-18 10:56:52
Local clock offset: -6.191 ms
Remote clock offset: -6.763 ms

Below is generated by plot.py at 2018-07-18 12:35:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.337 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.340 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.332 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.315 ms
Loss rate: 0.35%

Run 6: Report of SReAM — Data Link

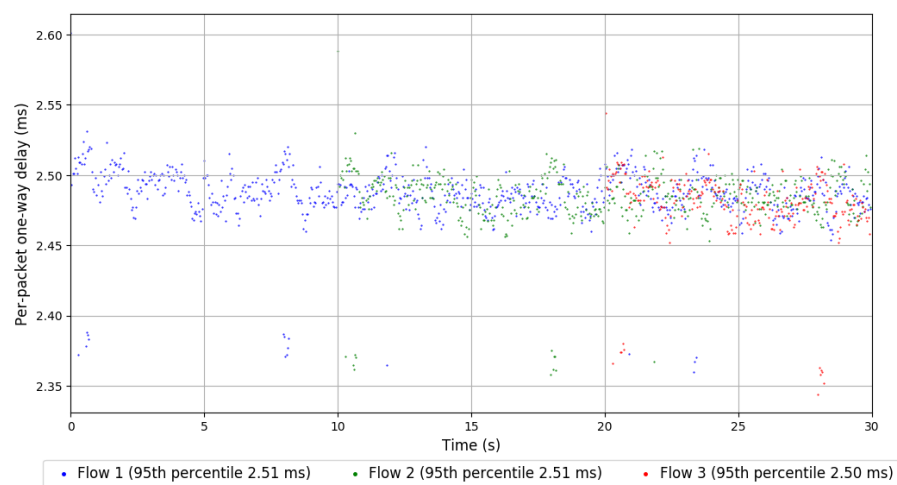
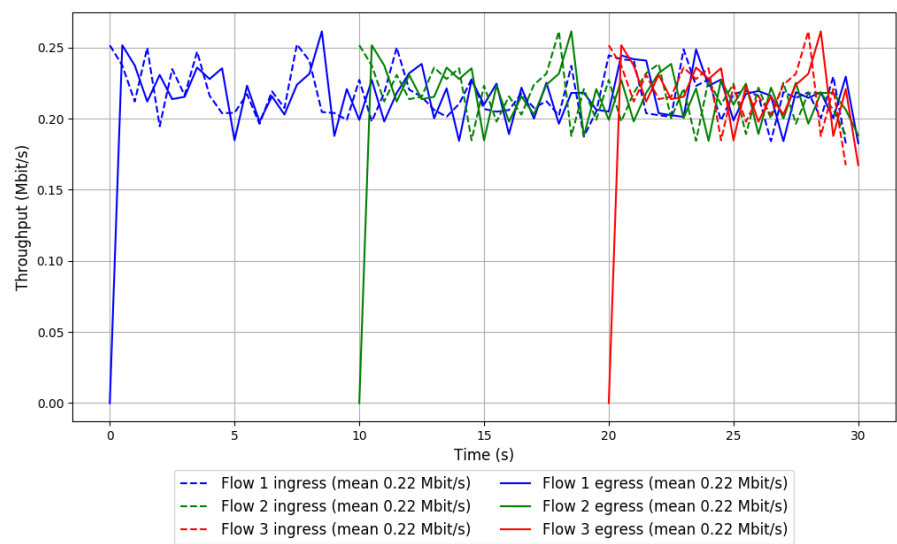


Run 7: Statistics of SReAM

Start at: 2018-07-18 11:15:32
End at: 2018-07-18 11:16:02
Local clock offset: -5.796 ms
Remote clock offset: -7.565 ms

Below is generated by plot.py at 2018-07-18 12:35:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.508 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.509 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.507 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.504 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

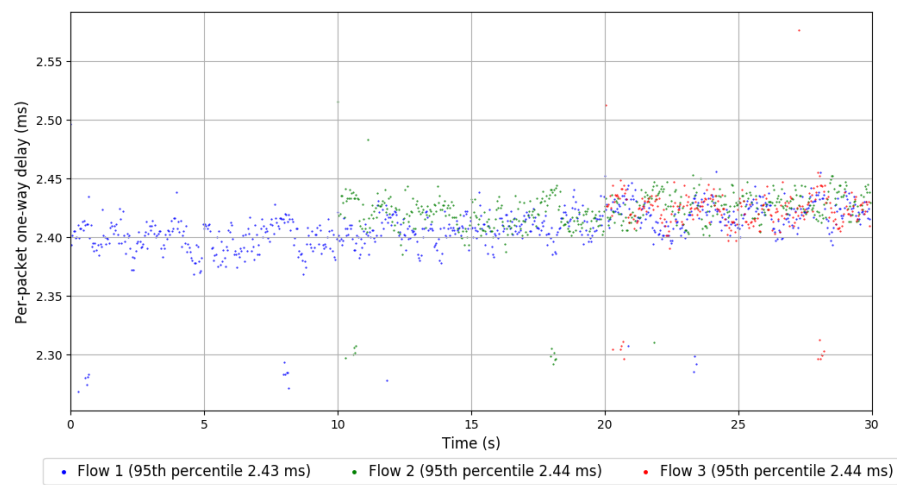
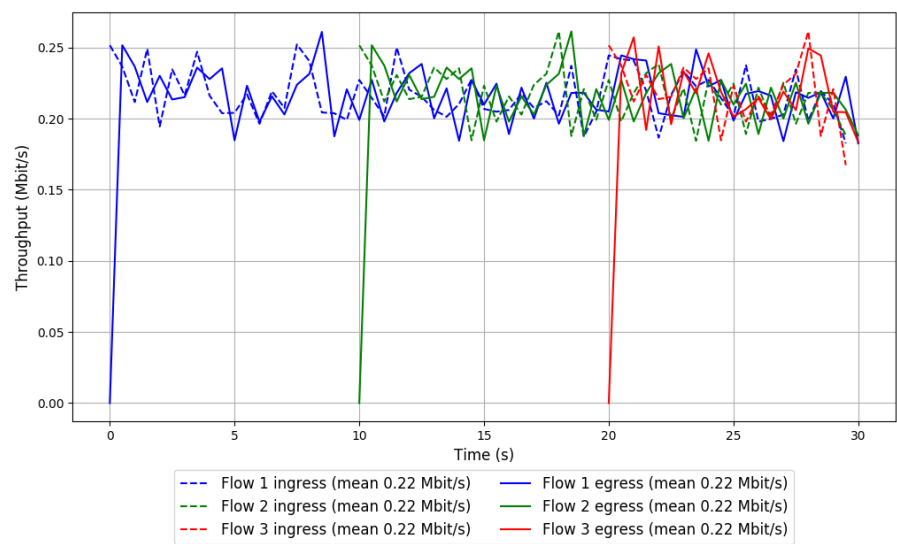


Run 8: Statistics of SReAM

Start at: 2018-07-18 11:34:42
End at: 2018-07-18 11:35:12
Local clock offset: -5.646 ms
Remote clock offset: -6.815 ms

Below is generated by plot.py at 2018-07-18 12:35:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.440 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.434 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.443 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.444 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

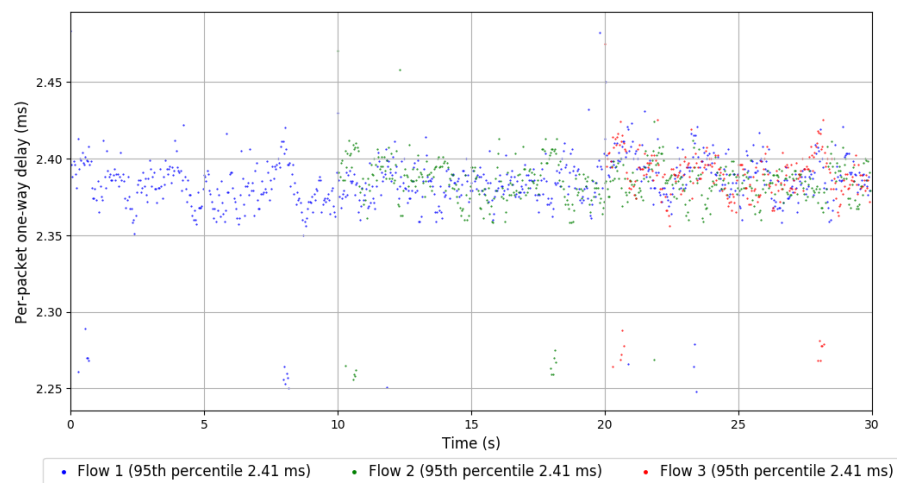
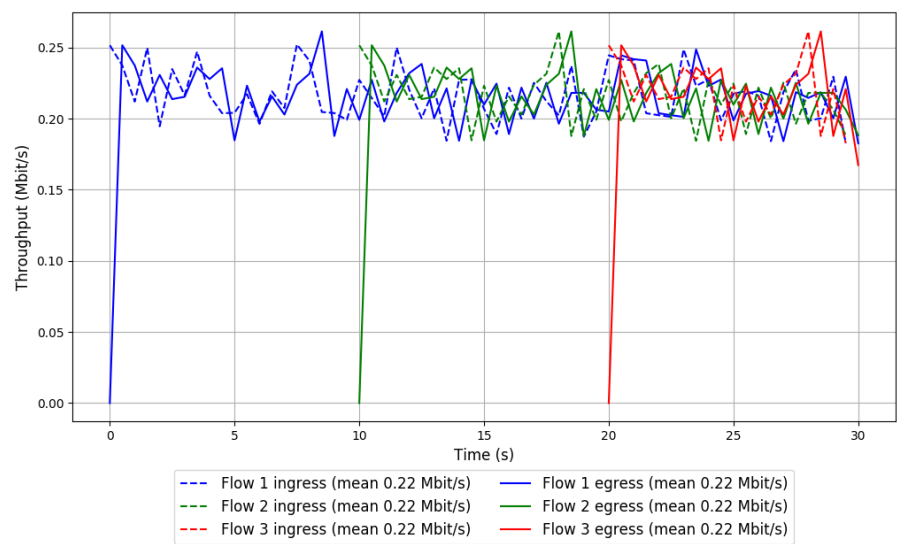


Run 9: Statistics of SReAM

Start at: 2018-07-18 11:53:53
End at: 2018-07-18 11:54:23
Local clock offset: -5.596 ms
Remote clock offset: -6.151 ms

Below is generated by plot.py at 2018-07-18 12:35:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.408 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.409 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.406 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.411 ms
Loss rate: 0.35%

Run 9: Report of SReAM — Data Link

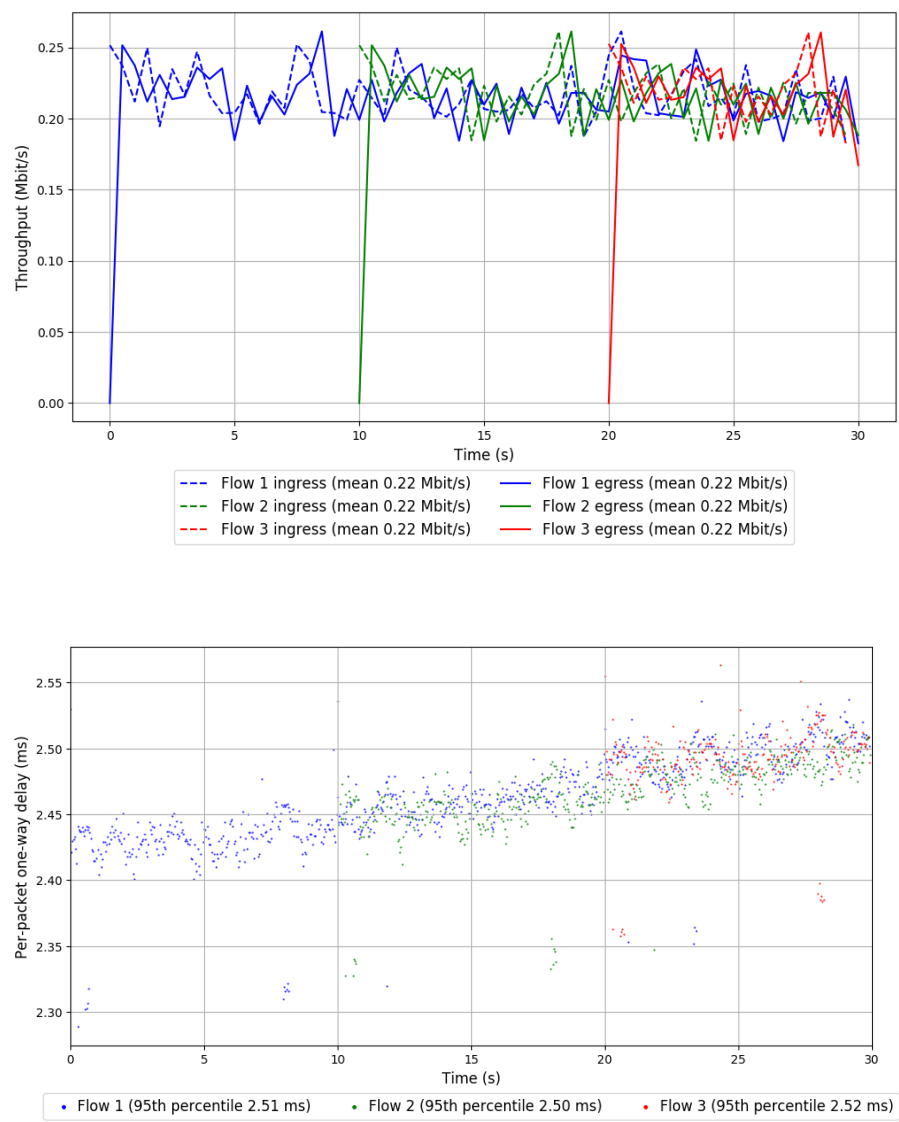


Run 10: Statistics of SReAM

Start at: 2018-07-18 12:13:03
End at: 2018-07-18 12:13:33
Local clock offset: -5.769 ms
Remote clock offset: -2.196 ms

Below is generated by plot.py at 2018-07-18 12:35:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.510 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.511 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.501 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.521 ms
Loss rate: 0.35%

Run 10: Report of SReAM — Data Link

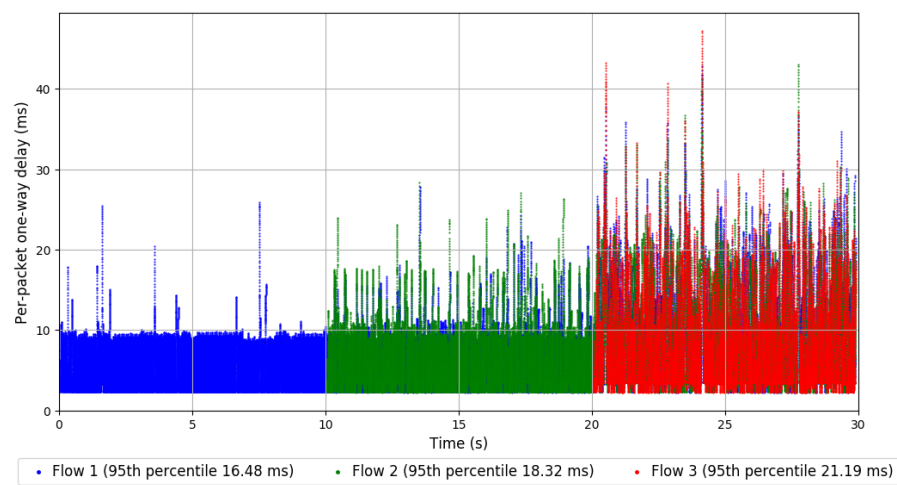
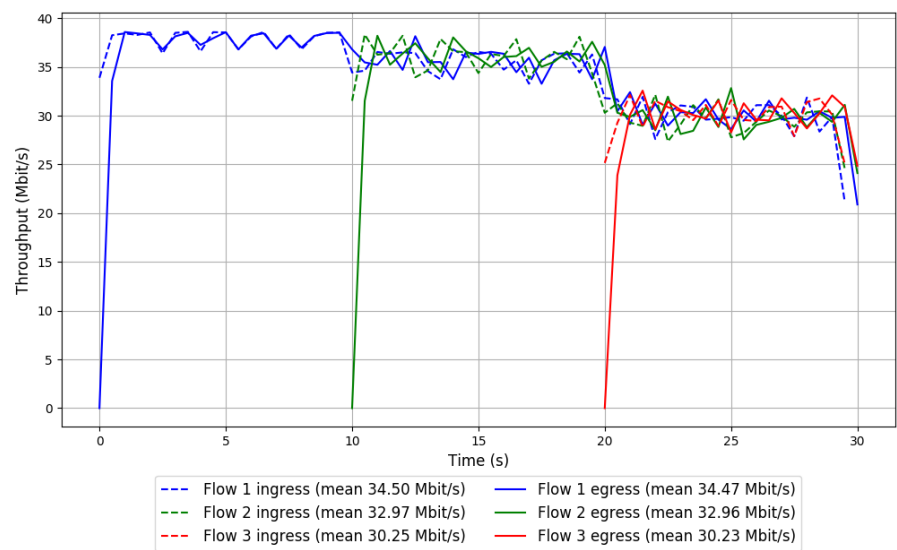


Run 1: Statistics of Sprout

Start at: 2018-07-18 09:08:06
End at: 2018-07-18 09:08:36
Local clock offset: -5.716 ms
Remote clock offset: -8.547 ms

Below is generated by plot.py at 2018-07-18 12:35:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 66.35 Mbit/s
95th percentile per-packet one-way delay: 18.220 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 34.47 Mbit/s
95th percentile per-packet one-way delay: 16.479 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 32.96 Mbit/s
95th percentile per-packet one-way delay: 18.320 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 30.23 Mbit/s
95th percentile per-packet one-way delay: 21.187 ms
Loss rate: 0.08%

Run 1: Report of Sprout — Data Link

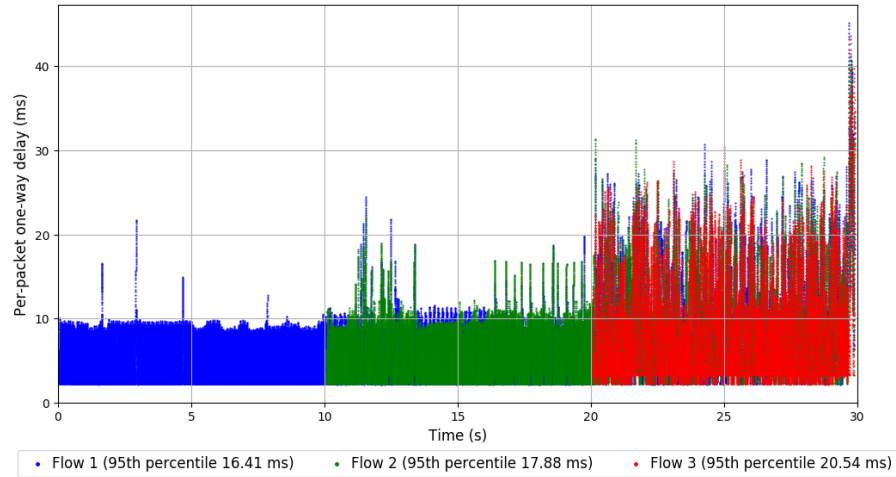
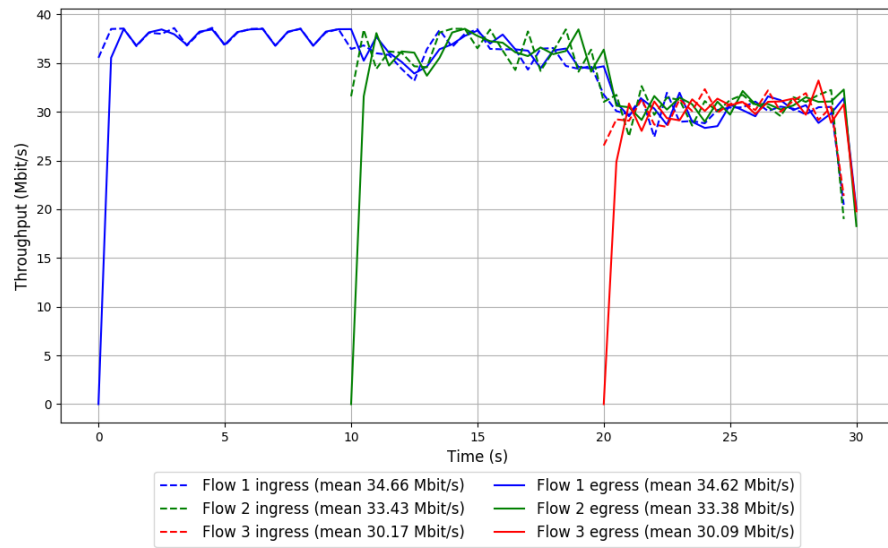


Run 2: Statistics of Sprout

Start at: 2018-07-18 09:27:15
End at: 2018-07-18 09:27:45
Local clock offset: -5.8 ms
Remote clock offset: -7.764 ms

Below is generated by plot.py at 2018-07-18 12:35:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 66.74 Mbit/s
95th percentile per-packet one-way delay: 18.047 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 34.62 Mbit/s
95th percentile per-packet one-way delay: 16.412 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 33.38 Mbit/s
95th percentile per-packet one-way delay: 17.879 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 30.09 Mbit/s
95th percentile per-packet one-way delay: 20.543 ms
Loss rate: 0.32%

Run 2: Report of Sprout — Data Link

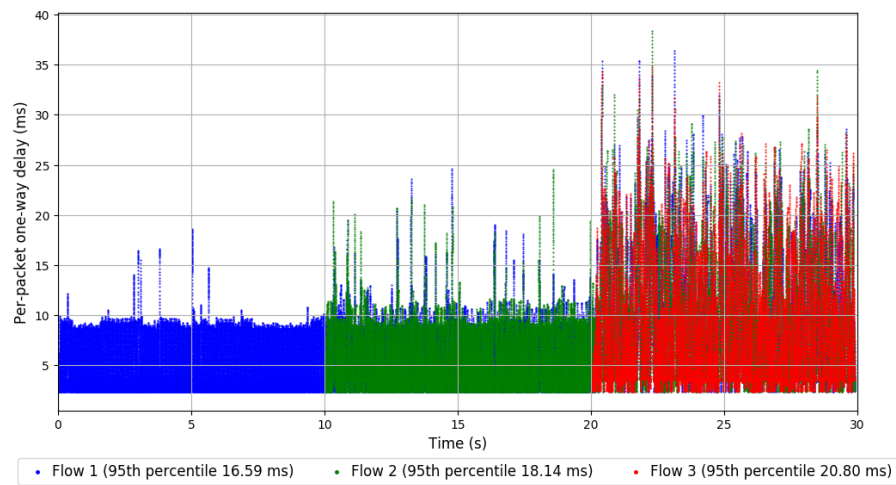
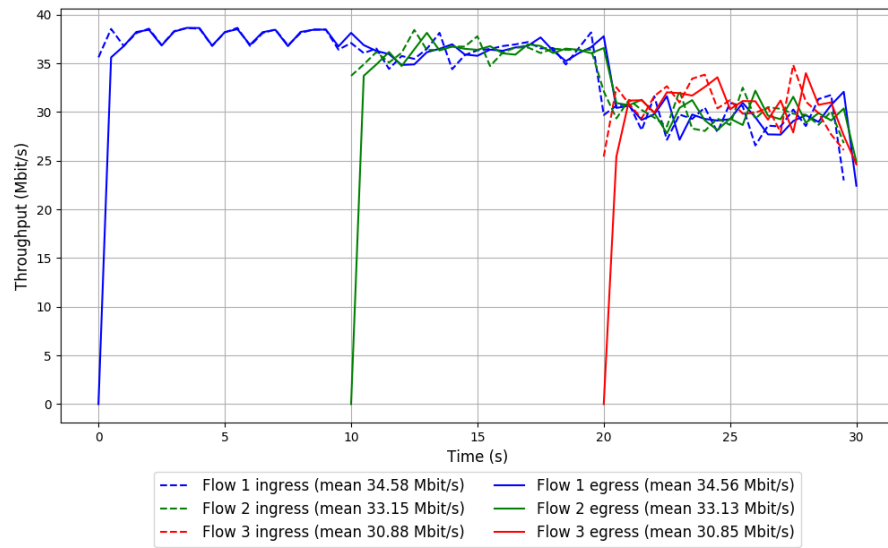


Run 3: Statistics of Sprout

Start at: 2018-07-18 09:46:23
End at: 2018-07-18 09:46:53
Local clock offset: -5.638 ms
Remote clock offset: -7.708 ms

```
# Below is generated by plot.py at 2018-07-18 12:35:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 66.77 Mbit/s
95th percentile per-packet one-way delay: 18.120 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 34.56 Mbit/s
95th percentile per-packet one-way delay: 16.586 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 33.13 Mbit/s
95th percentile per-packet one-way delay: 18.137 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 30.85 Mbit/s
95th percentile per-packet one-way delay: 20.805 ms
Loss rate: 0.28%
```

Run 3: Report of Sprout — Data Link

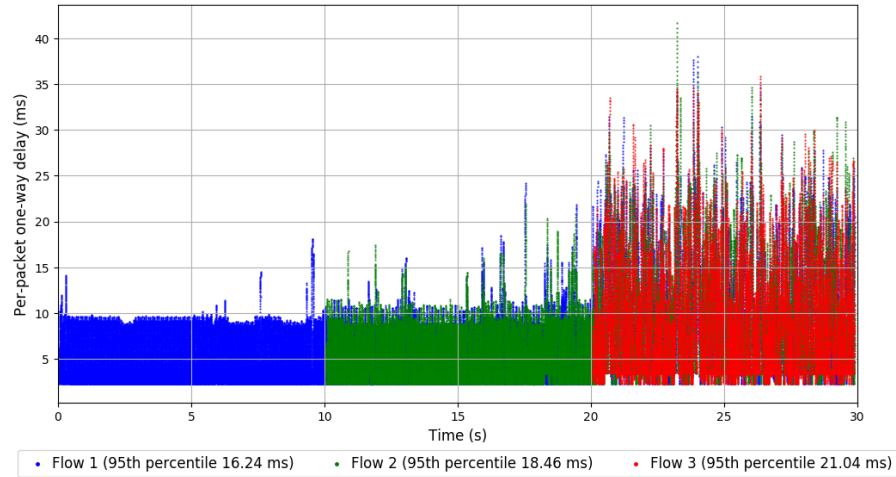
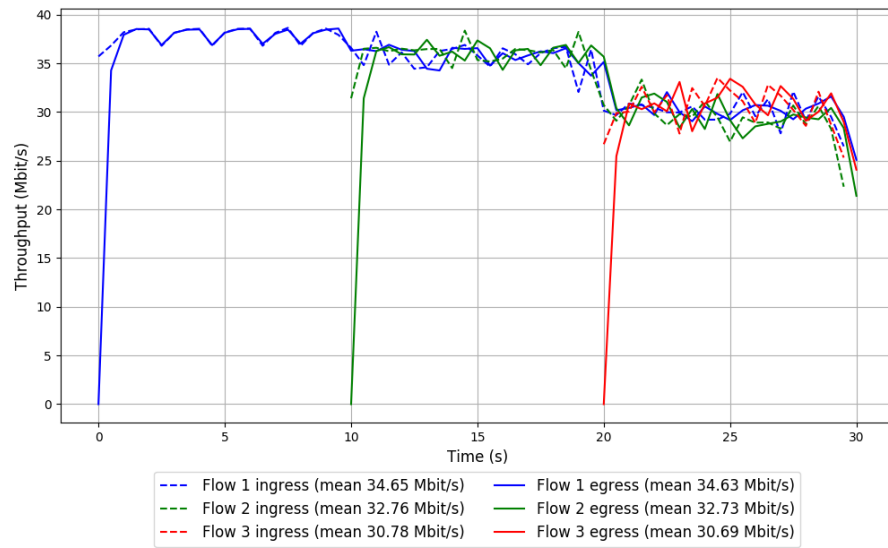


Run 4: Statistics of Sprout

Start at: 2018-07-18 10:05:31
End at: 2018-07-18 10:06:01
Local clock offset: -5.884 ms
Remote clock offset: -6.759 ms

```
# Below is generated by plot.py at 2018-07-18 12:35:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 66.51 Mbit/s
95th percentile per-packet one-way delay: 18.311 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 34.63 Mbit/s
95th percentile per-packet one-way delay: 16.241 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 32.73 Mbit/s
95th percentile per-packet one-way delay: 18.457 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 30.69 Mbit/s
95th percentile per-packet one-way delay: 21.036 ms
Loss rate: 0.20%
```

Run 4: Report of Sprout — Data Link

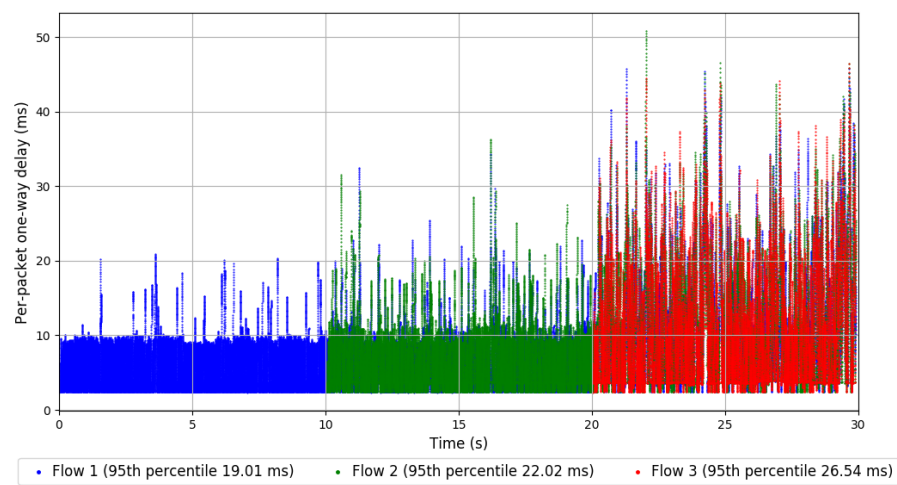
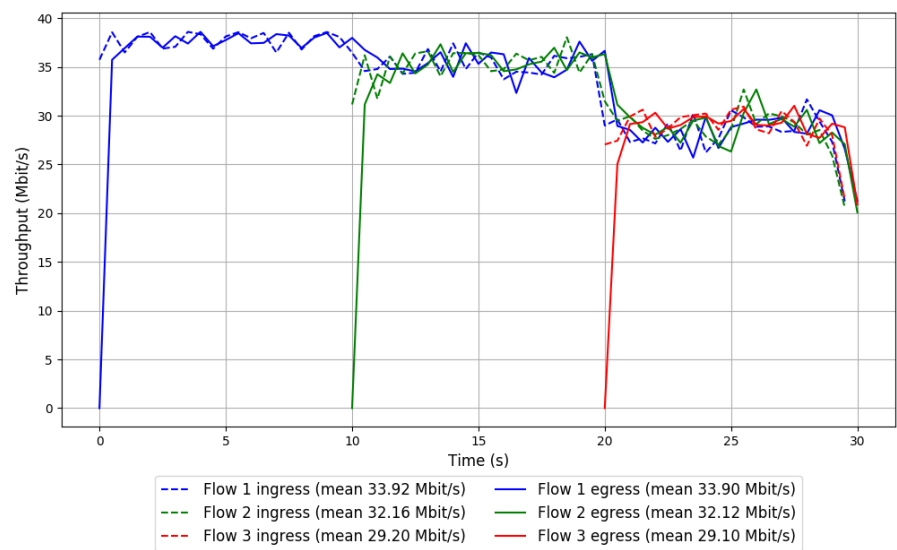


Run 5: Statistics of Sprout

Start at: 2018-07-18 10:24:42
End at: 2018-07-18 10:25:12
Local clock offset: -6.023 ms
Remote clock offset: -6.661 ms

Below is generated by plot.py at 2018-07-18 12:35:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 64.84 Mbit/s
95th percentile per-packet one-way delay: 21.910 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 33.90 Mbit/s
95th percentile per-packet one-way delay: 19.007 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 32.12 Mbit/s
95th percentile per-packet one-way delay: 22.018 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 29.10 Mbit/s
95th percentile per-packet one-way delay: 26.541 ms
Loss rate: 0.12%

Run 5: Report of Sprout — Data Link

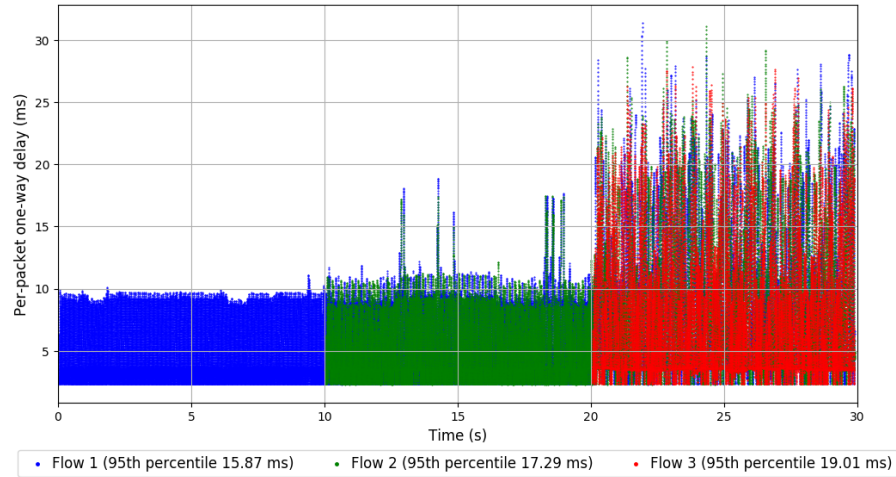
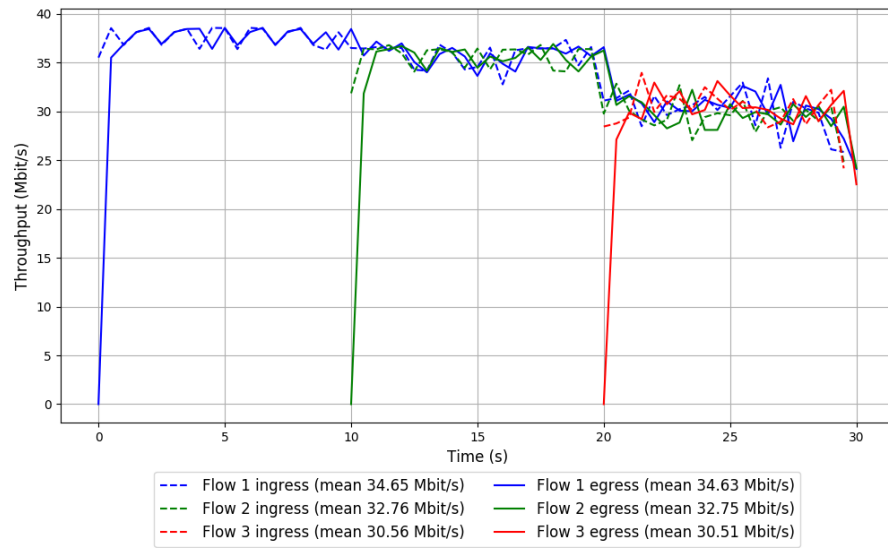


Run 6: Statistics of Sprout

Start at: 2018-07-18 10:43:52
End at: 2018-07-18 10:44:22
Local clock offset: -6.263 ms
Remote clock offset: -6.537 ms

Below is generated by plot.py at 2018-07-18 12:35:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 66.47 Mbit/s
95th percentile per-packet one-way delay: 17.171 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 34.63 Mbit/s
95th percentile per-packet one-way delay: 15.867 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 32.75 Mbit/s
95th percentile per-packet one-way delay: 17.286 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 30.51 Mbit/s
95th percentile per-packet one-way delay: 19.013 ms
Loss rate: 0.29%

Run 6: Report of Sprout — Data Link

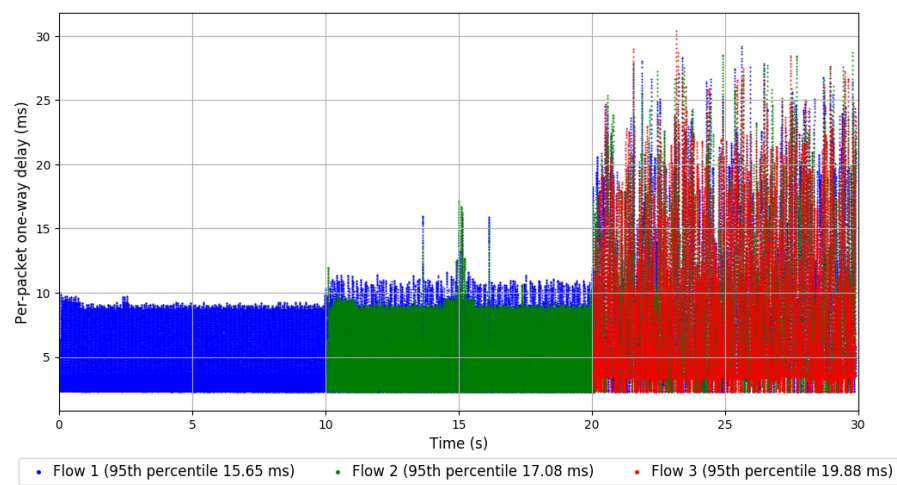
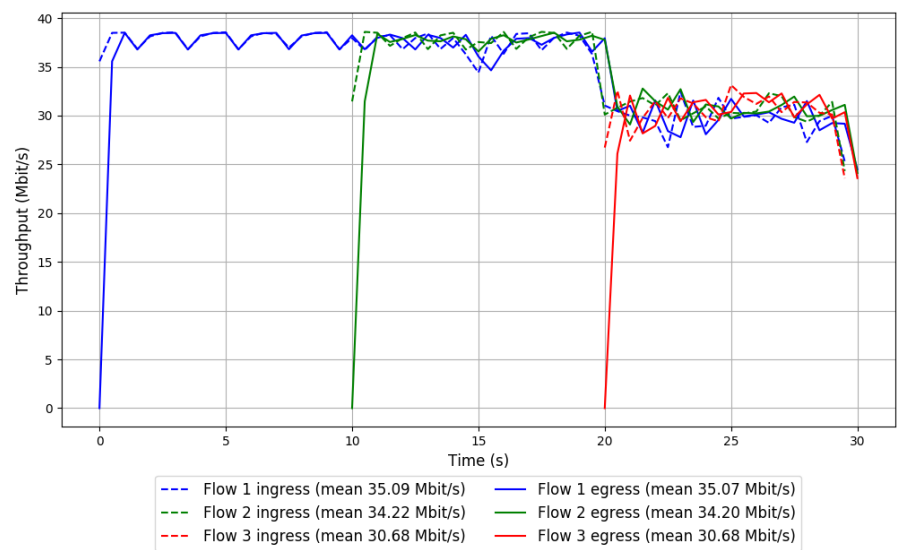


Run 7: Statistics of Sprout

Start at: 2018-07-18 11:03:02
End at: 2018-07-18 11:03:32
Local clock offset: -5.959 ms
Remote clock offset: -7.093 ms

Below is generated by plot.py at 2018-07-18 12:35:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 67.92 Mbit/s
95th percentile per-packet one-way delay: 17.378 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 35.07 Mbit/s
95th percentile per-packet one-way delay: 15.646 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 34.20 Mbit/s
95th percentile per-packet one-way delay: 17.084 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 30.68 Mbit/s
95th percentile per-packet one-way delay: 19.875 ms
Loss rate: 0.05%

Run 7: Report of Sprout — Data Link

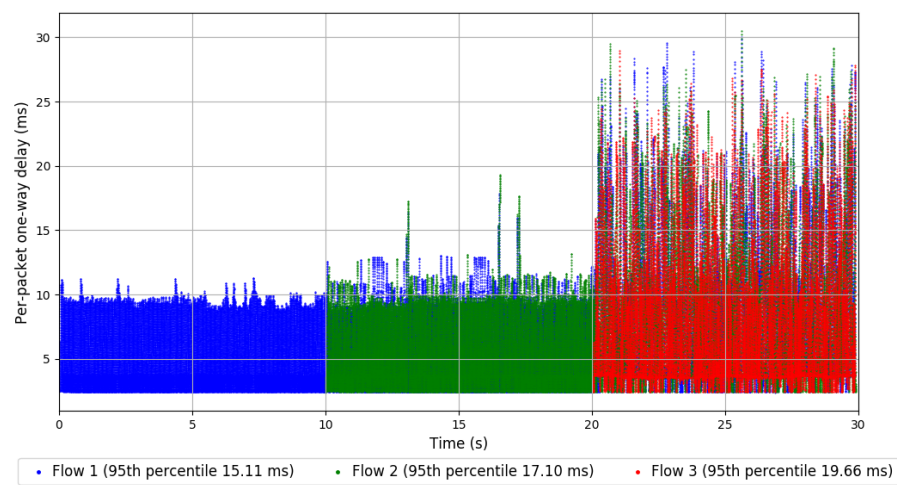
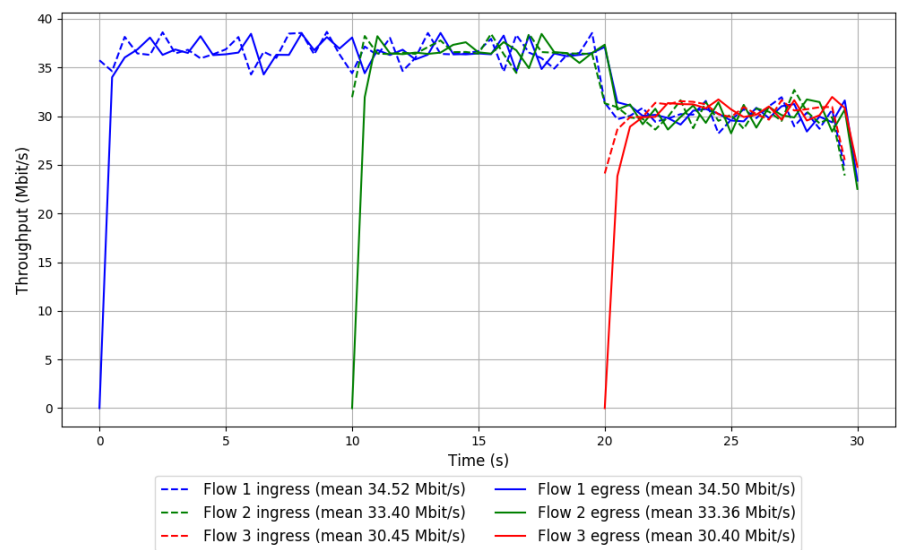


Run 8: Statistics of Sprout

Start at: 2018-07-18 11:22:13
End at: 2018-07-18 11:22:43
Local clock offset: -5.782 ms
Remote clock offset: -7.62 ms

Below is generated by plot.py at 2018-07-18 12:36:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 66.71 Mbit/s
95th percentile per-packet one-way delay: 17.052 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 34.50 Mbit/s
95th percentile per-packet one-way delay: 15.105 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 33.36 Mbit/s
95th percentile per-packet one-way delay: 17.104 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 30.40 Mbit/s
95th percentile per-packet one-way delay: 19.665 ms
Loss rate: 0.23%

Run 8: Report of Sprout — Data Link

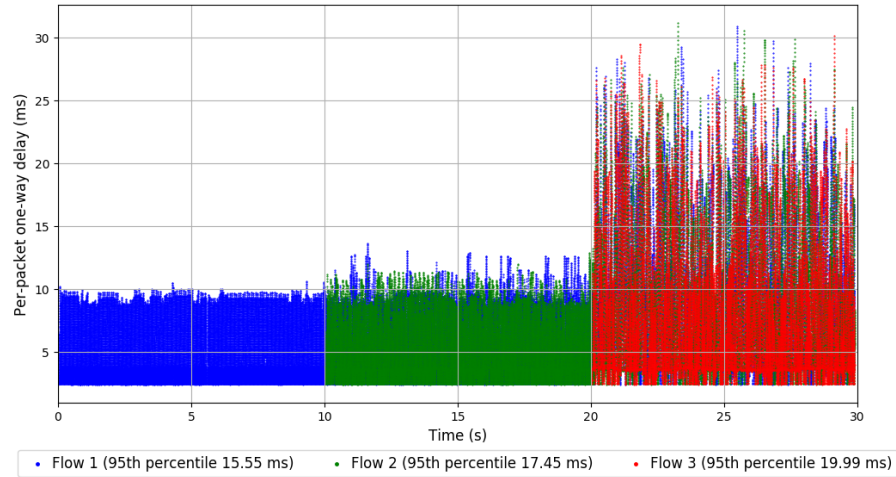
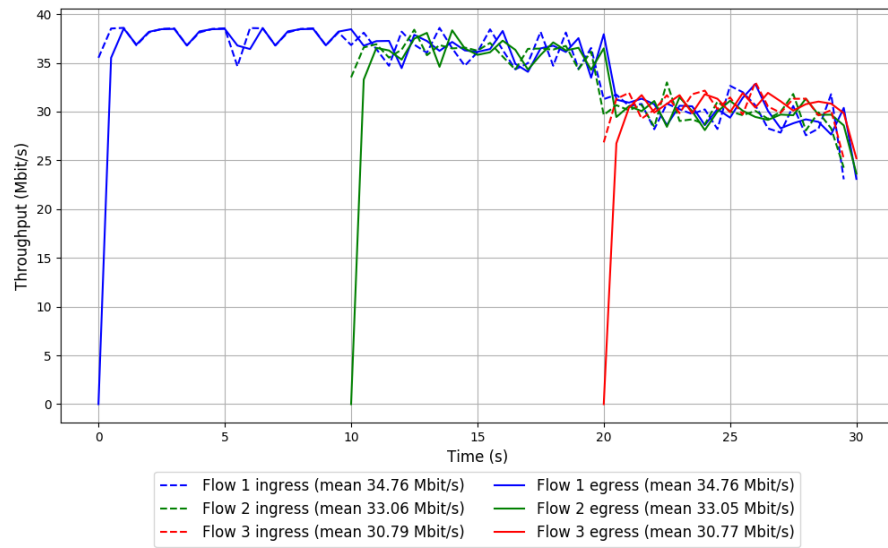


Run 9: Statistics of Sprout

Start at: 2018-07-18 11:41:23
End at: 2018-07-18 11:41:53
Local clock offset: -5.611 ms
Remote clock offset: -6.449 ms

Below is generated by plot.py at 2018-07-18 12:36:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 66.87 Mbit/s
95th percentile per-packet one-way delay: 17.437 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 34.76 Mbit/s
95th percentile per-packet one-way delay: 15.550 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 33.05 Mbit/s
95th percentile per-packet one-way delay: 17.451 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 30.77 Mbit/s
95th percentile per-packet one-way delay: 19.989 ms
Loss rate: 0.04%

Run 9: Report of Sprout — Data Link

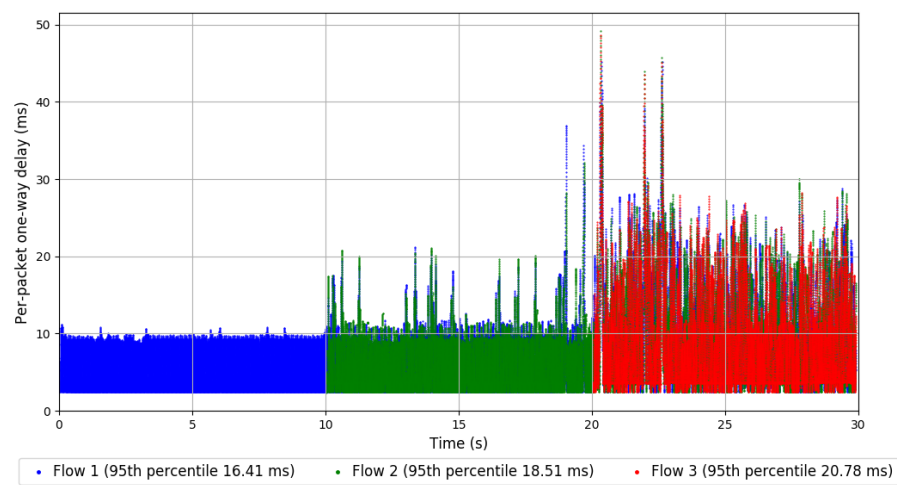
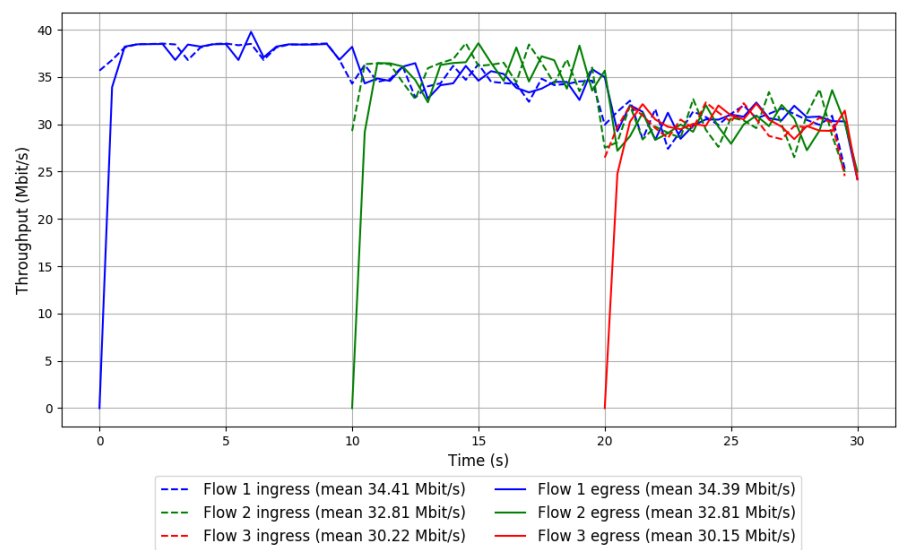


Run 10: Statistics of Sprout

Start at: 2018-07-18 12:00:34
End at: 2018-07-18 12:01:04
Local clock offset: -5.658 ms
Remote clock offset: -6.0 ms

Below is generated by plot.py at 2018-07-18 12:36:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 66.16 Mbit/s
95th percentile per-packet one-way delay: 18.228 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 34.39 Mbit/s
95th percentile per-packet one-way delay: 16.410 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 32.81 Mbit/s
95th percentile per-packet one-way delay: 18.507 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 30.15 Mbit/s
95th percentile per-packet one-way delay: 20.777 ms
Loss rate: 0.14%

Run 10: Report of Sprout — Data Link

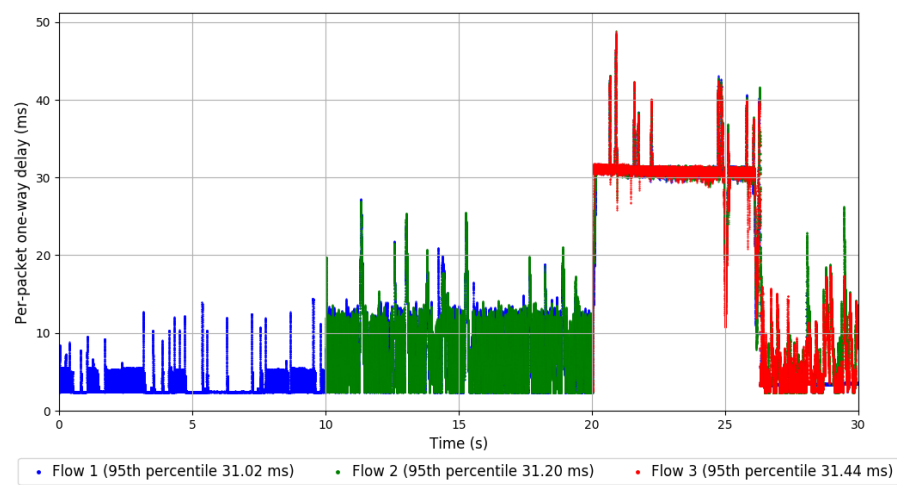
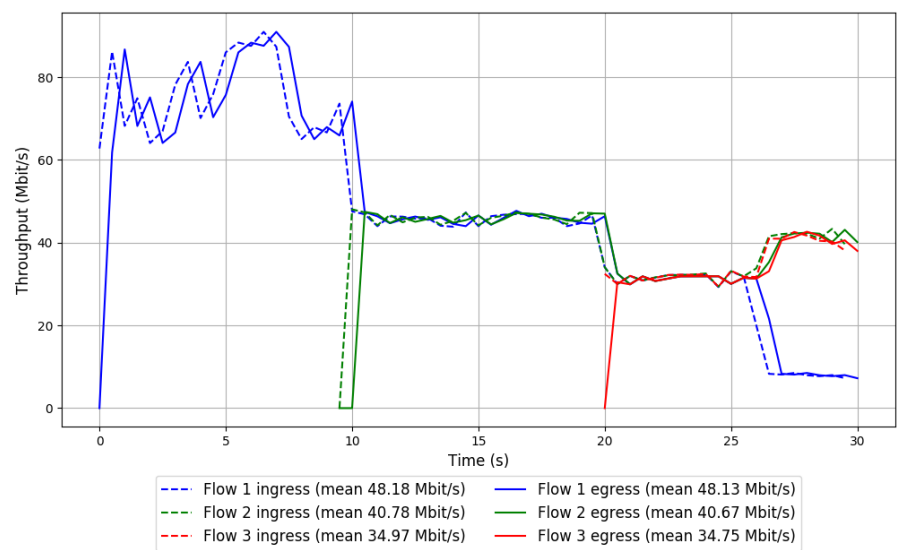


Run 1: Statistics of TaoVA-100x

Start at: 2018-07-18 09:10:21
End at: 2018-07-18 09:10:51
Local clock offset: -5.685 ms
Remote clock offset: -8.675 ms

Below is generated by plot.py at 2018-07-18 12:37:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.78 Mbit/s
95th percentile per-packet one-way delay: 31.185 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 48.13 Mbit/s
95th percentile per-packet one-way delay: 31.024 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 40.67 Mbit/s
95th percentile per-packet one-way delay: 31.201 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 34.75 Mbit/s
95th percentile per-packet one-way delay: 31.443 ms
Loss rate: 0.68%

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

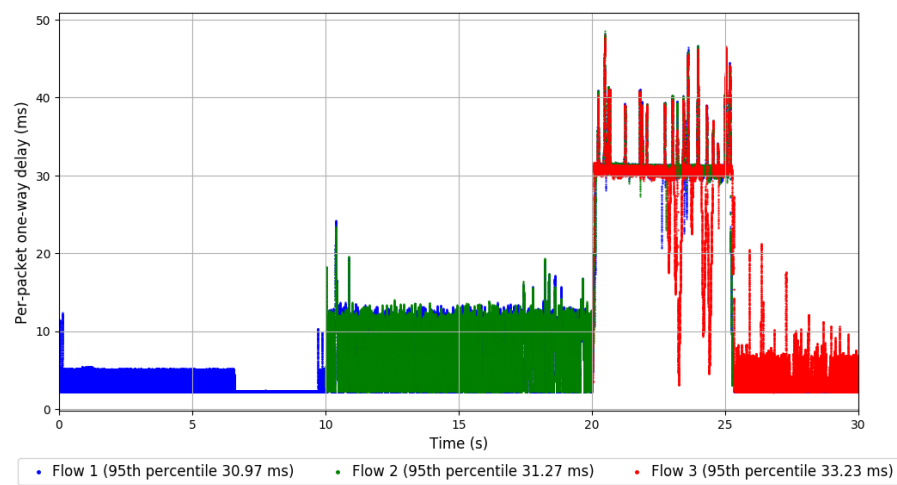
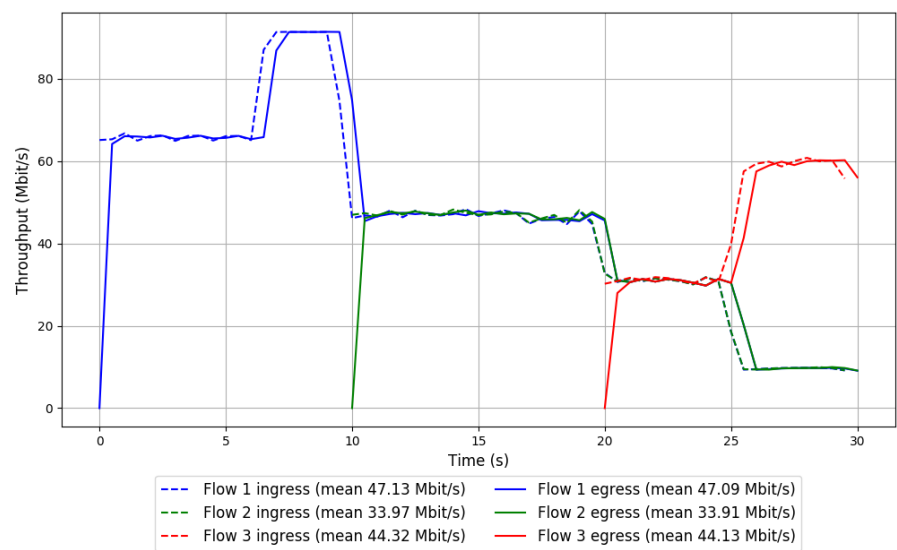


Run 2: Statistics of TaoVA-100x

Start at: 2018-07-18 09:29:31
End at: 2018-07-18 09:30:01
Local clock offset: -5.778 ms
Remote clock offset: -7.777 ms

Below is generated by plot.py at 2018-07-18 12:37:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.34 Mbit/s
95th percentile per-packet one-way delay: 31.150 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 47.09 Mbit/s
95th percentile per-packet one-way delay: 30.966 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 33.91 Mbit/s
95th percentile per-packet one-way delay: 31.266 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 44.13 Mbit/s
95th percentile per-packet one-way delay: 33.229 ms
Loss rate: 0.50%

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

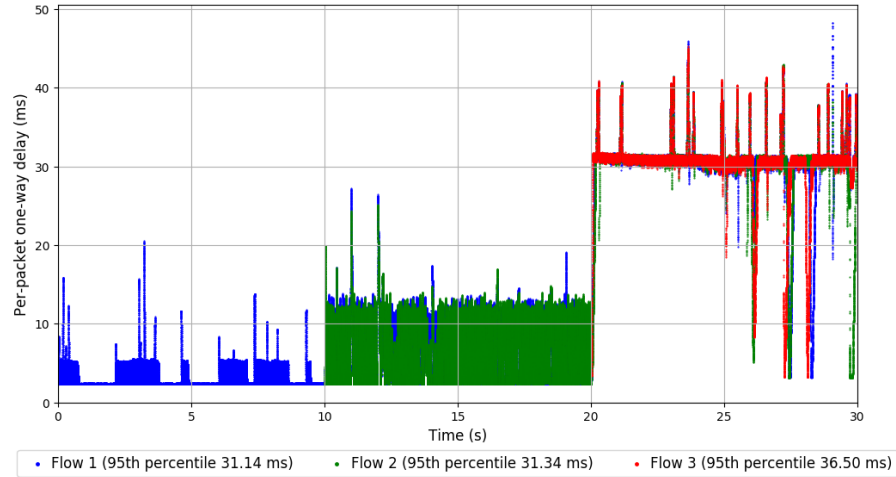
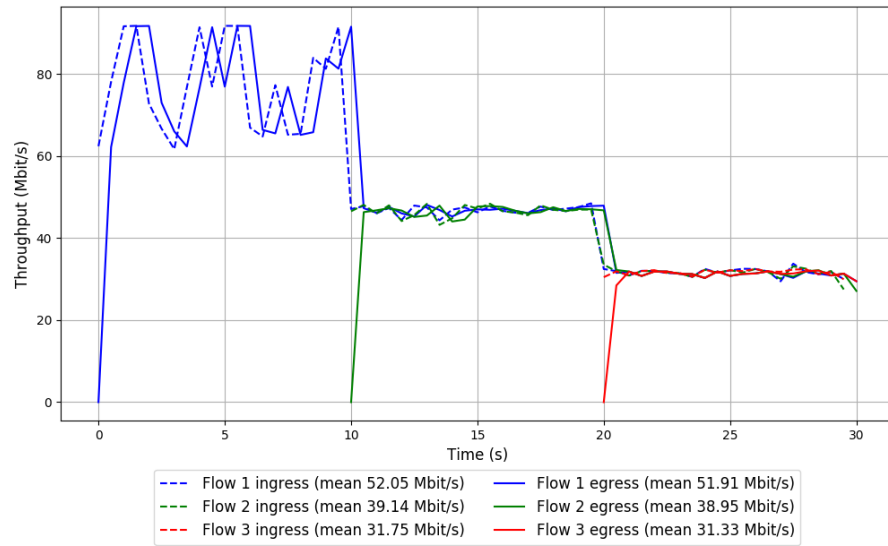


Run 3: Statistics of TaoVA-100x

Start at: 2018-07-18 09:48:38
End at: 2018-07-18 09:49:08
Local clock offset: -5.616 ms
Remote clock offset: -7.459 ms

Below is generated by plot.py at 2018-07-18 12:37:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.26 Mbit/s
95th percentile per-packet one-way delay: 31.315 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 51.91 Mbit/s
95th percentile per-packet one-way delay: 31.139 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 38.95 Mbit/s
95th percentile per-packet one-way delay: 31.343 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 31.33 Mbit/s
95th percentile per-packet one-way delay: 36.496 ms
Loss rate: 1.52%

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

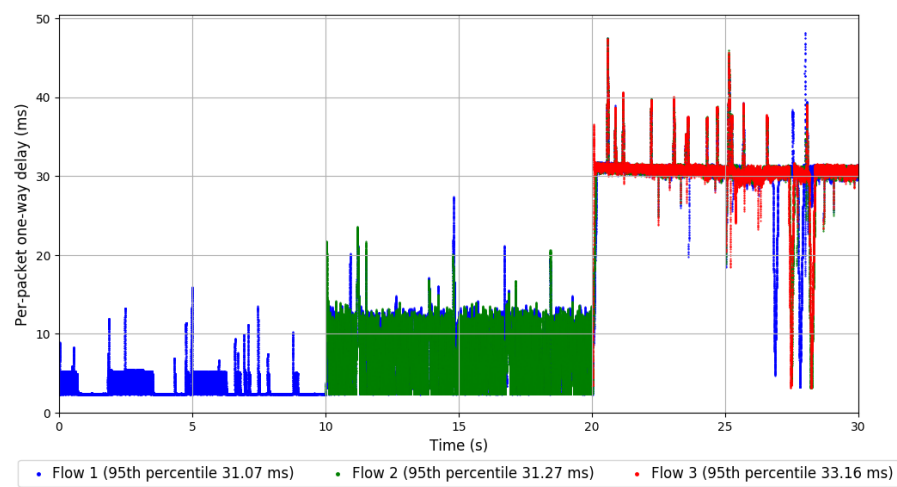
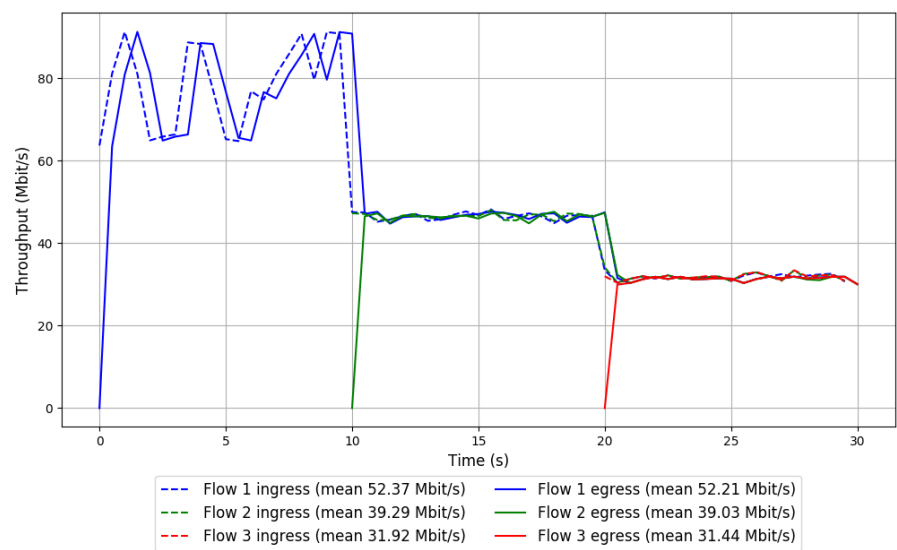


Run 4: Statistics of TaoVA-100x

Start at: 2018-07-18 10:07:47
End at: 2018-07-18 10:08:17
Local clock offset: -5.856 ms
Remote clock offset: -6.741 ms

Below is generated by plot.py at 2018-07-18 12:37:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.65 Mbit/s
95th percentile per-packet one-way delay: 31.243 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 52.21 Mbit/s
95th percentile per-packet one-way delay: 31.066 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 39.03 Mbit/s
95th percentile per-packet one-way delay: 31.271 ms
Loss rate: 0.70%
-- Flow 3:
Average throughput: 31.44 Mbit/s
95th percentile per-packet one-way delay: 33.155 ms
Loss rate: 1.70%

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

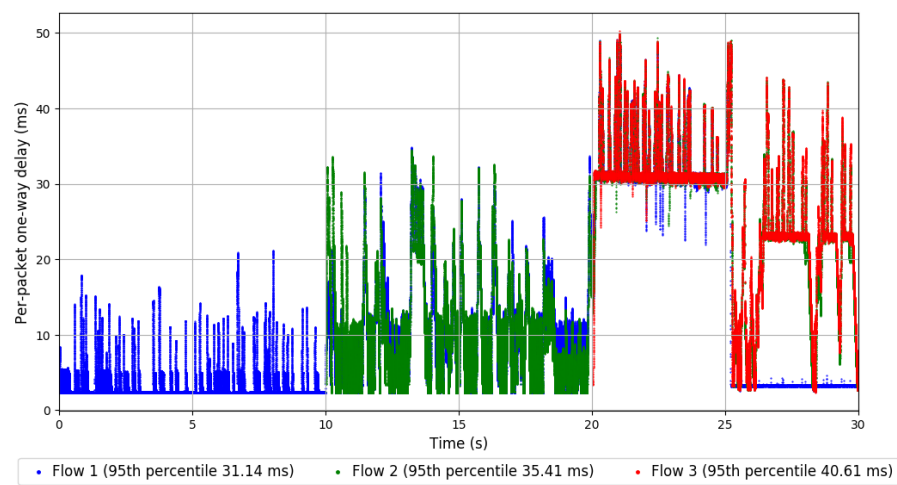
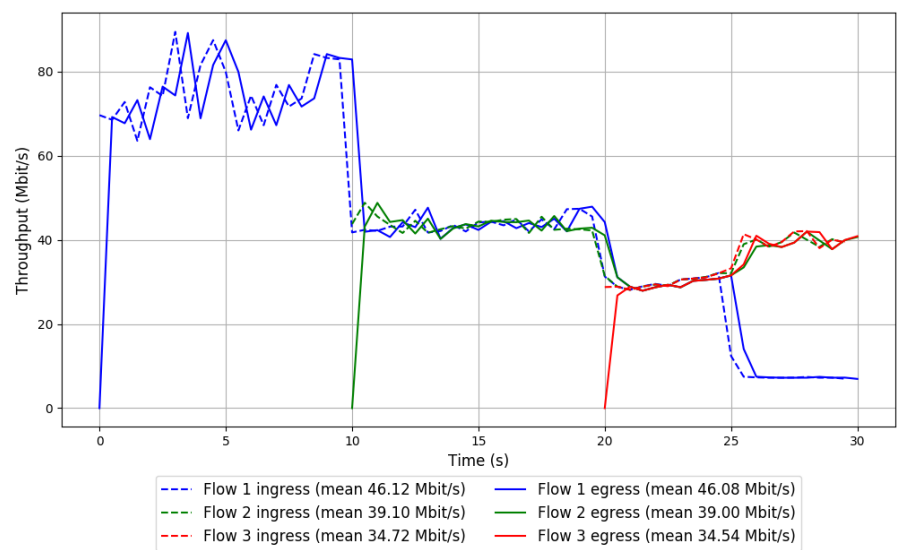


Run 5: Statistics of TaoVA-100x

Start at: 2018-07-18 10:26:57
End at: 2018-07-18 10:27:27
Local clock offset: -6.0 ms
Remote clock offset: -6.575 ms

Below is generated by plot.py at 2018-07-18 12:37:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.52 Mbit/s
95th percentile per-packet one-way delay: 34.227 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 46.08 Mbit/s
95th percentile per-packet one-way delay: 31.136 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 39.00 Mbit/s
95th percentile per-packet one-way delay: 35.414 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 34.54 Mbit/s
95th percentile per-packet one-way delay: 40.608 ms
Loss rate: 0.58%

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

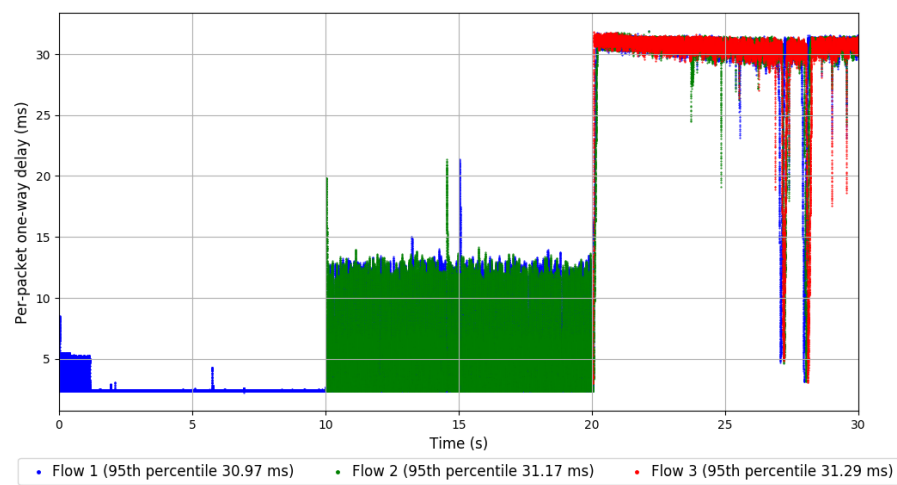
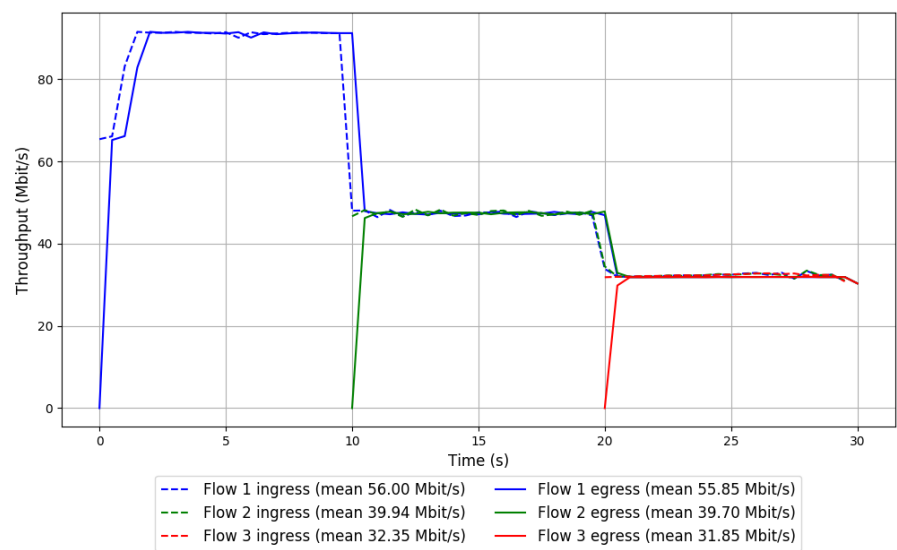


Run 6: Statistics of TaoVA-100x

Start at: 2018-07-18 10:46:08
End at: 2018-07-18 10:46:38
Local clock offset: -6.278 ms
Remote clock offset: -6.542 ms

Below is generated by plot.py at 2018-07-18 12:38:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.86 Mbit/s
95th percentile per-packet one-way delay: 31.124 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 55.85 Mbit/s
95th percentile per-packet one-way delay: 30.969 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 39.70 Mbit/s
95th percentile per-packet one-way delay: 31.166 ms
Loss rate: 0.70%
-- Flow 3:
Average throughput: 31.85 Mbit/s
95th percentile per-packet one-way delay: 31.294 ms
Loss rate: 1.77%

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

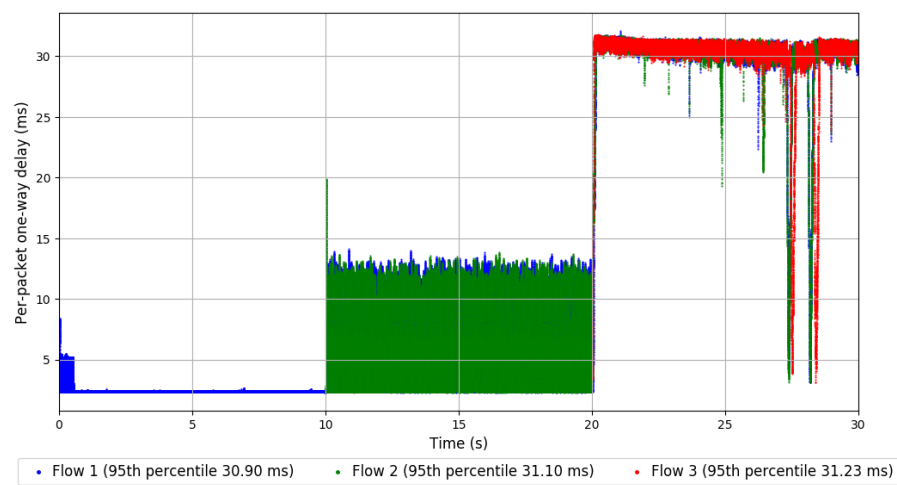
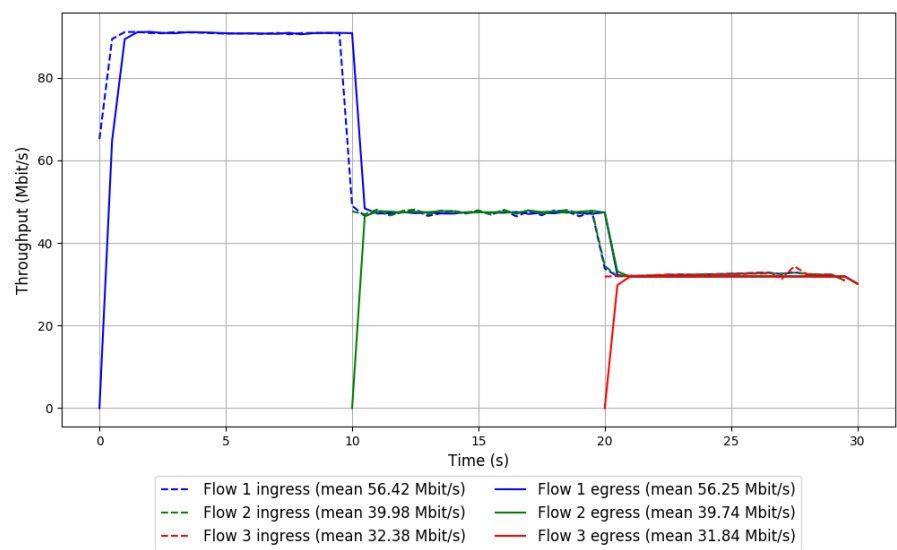


Run 7: Statistics of TaoVA-100x

Start at: 2018-07-18 11:05:18
End at: 2018-07-18 11:05:49
Local clock offset: -5.92 ms
Remote clock offset: -7.195 ms

Below is generated by plot.py at 2018-07-18 12:38:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.29 Mbit/s
95th percentile per-packet one-way delay: 31.057 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 56.25 Mbit/s
95th percentile per-packet one-way delay: 30.899 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 39.74 Mbit/s
95th percentile per-packet one-way delay: 31.096 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 31.84 Mbit/s
95th percentile per-packet one-way delay: 31.233 ms
Loss rate: 1.84%

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

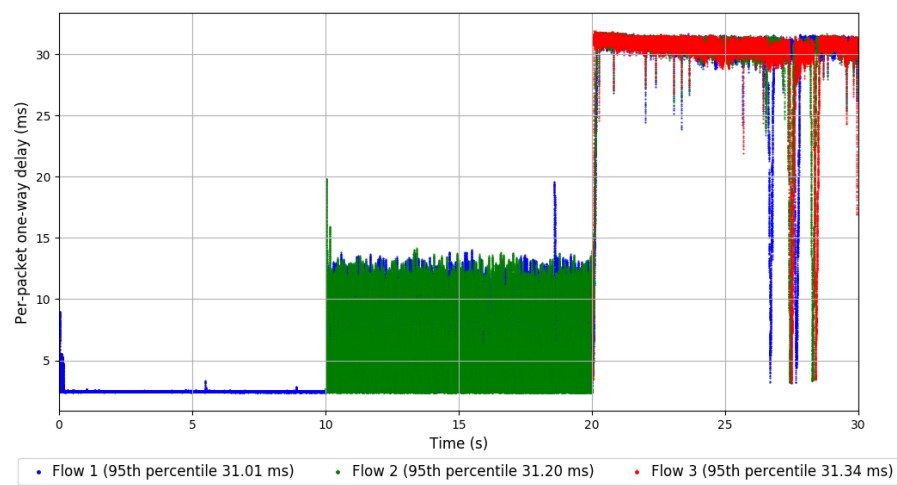
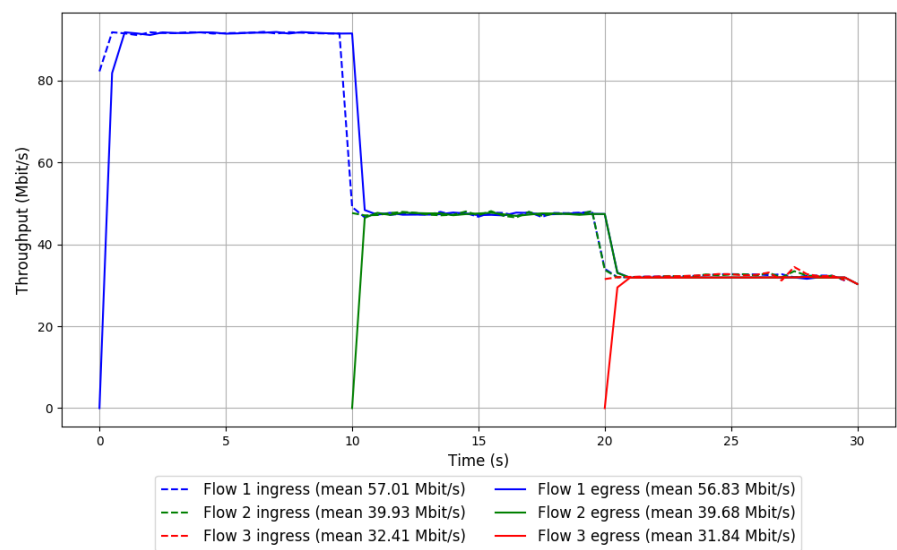


Run 8: Statistics of TaoVA-100x

Start at: 2018-07-18 11:24:29
End at: 2018-07-18 11:24:59
Local clock offset: -5.752 ms
Remote clock offset: -7.603 ms

Below is generated by plot.py at 2018-07-18 12:38:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.83 Mbit/s
95th percentile per-packet one-way delay: 31.161 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 56.83 Mbit/s
95th percentile per-packet one-way delay: 31.012 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 39.68 Mbit/s
95th percentile per-packet one-way delay: 31.198 ms
Loss rate: 0.72%
-- Flow 3:
Average throughput: 31.84 Mbit/s
95th percentile per-packet one-way delay: 31.343 ms
Loss rate: 1.96%

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

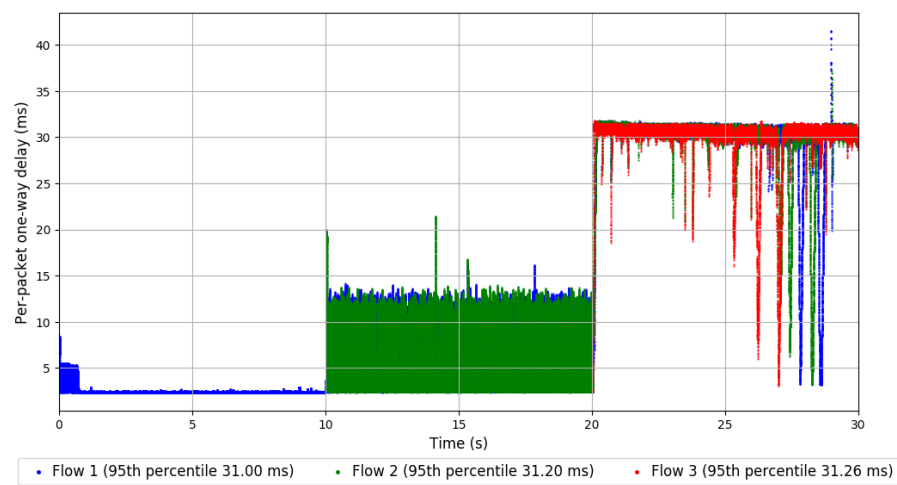
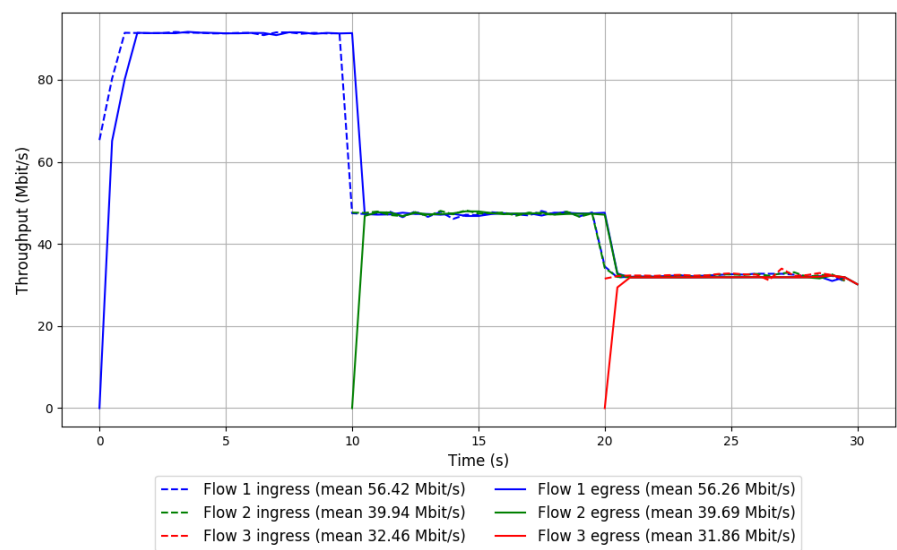


Run 9: Statistics of TaoVA-100x

Start at: 2018-07-18 11:43:39
End at: 2018-07-18 11:44:09
Local clock offset: -5.612 ms
Remote clock offset: -6.349 ms

Below is generated by plot.py at 2018-07-18 12:39:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.27 Mbit/s
95th percentile per-packet one-way delay: 31.131 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 56.26 Mbit/s
95th percentile per-packet one-way delay: 30.998 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 39.69 Mbit/s
95th percentile per-packet one-way delay: 31.196 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 31.86 Mbit/s
95th percentile per-packet one-way delay: 31.264 ms
Loss rate: 2.04%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-07-18 12:02:49

End at: 2018-07-18 12:03:19

Local clock offset: -5.7 ms

Remote clock offset: -5.36 ms

Below is generated by plot.py at 2018-07-18 12:39:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.43 Mbit/s

95th percentile per-packet one-way delay: 31.427 ms

Loss rate: 0.56%

-- Flow 1:

Average throughput: 53.53 Mbit/s

95th percentile per-packet one-way delay: 31.293 ms

Loss rate: 0.31%

-- Flow 2:

Average throughput: 39.52 Mbit/s

95th percentile per-packet one-way delay: 31.461 ms

Loss rate: 0.63%

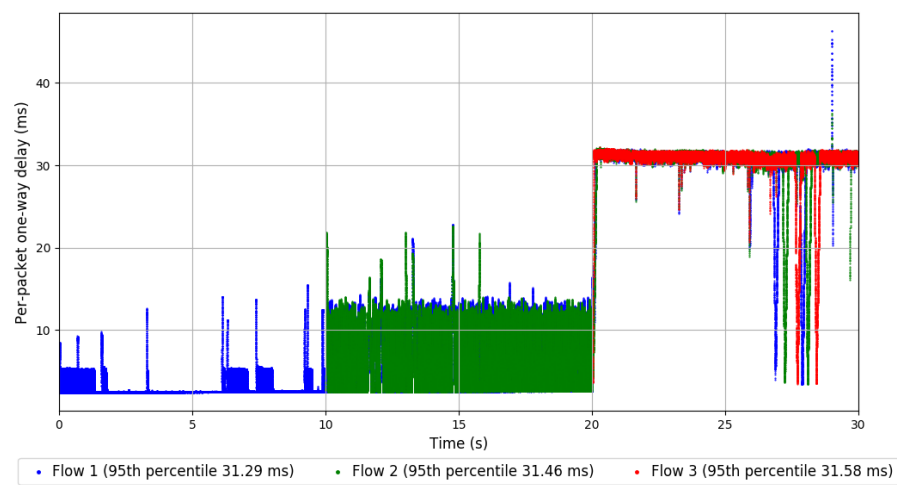
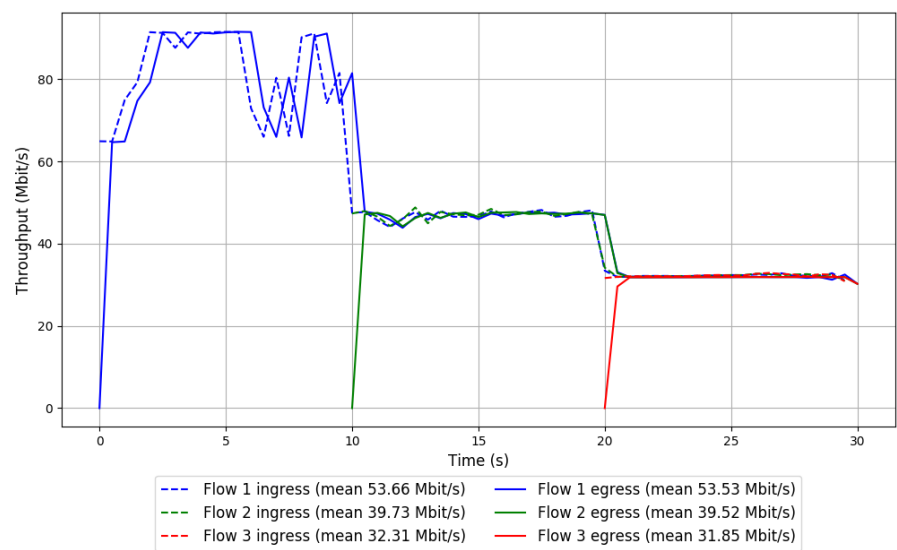
-- Flow 3:

Average throughput: 31.85 Mbit/s

95th percentile per-packet one-way delay: 31.581 ms

Loss rate: 1.62%

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

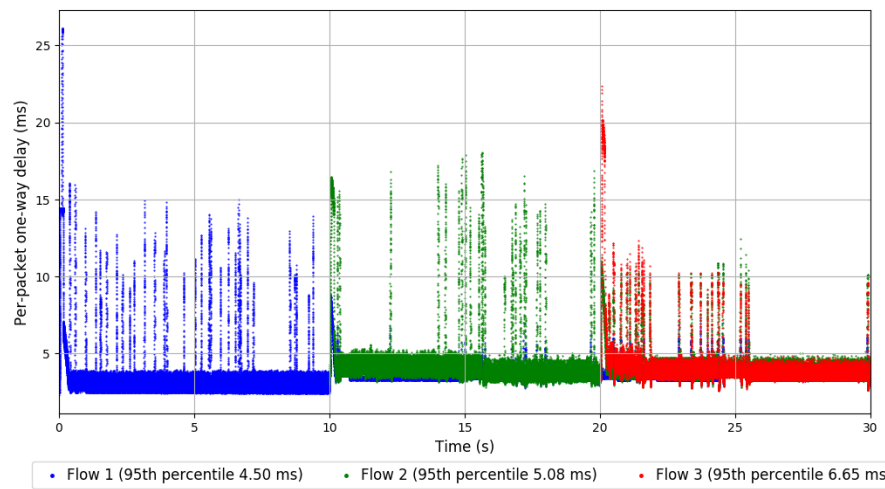
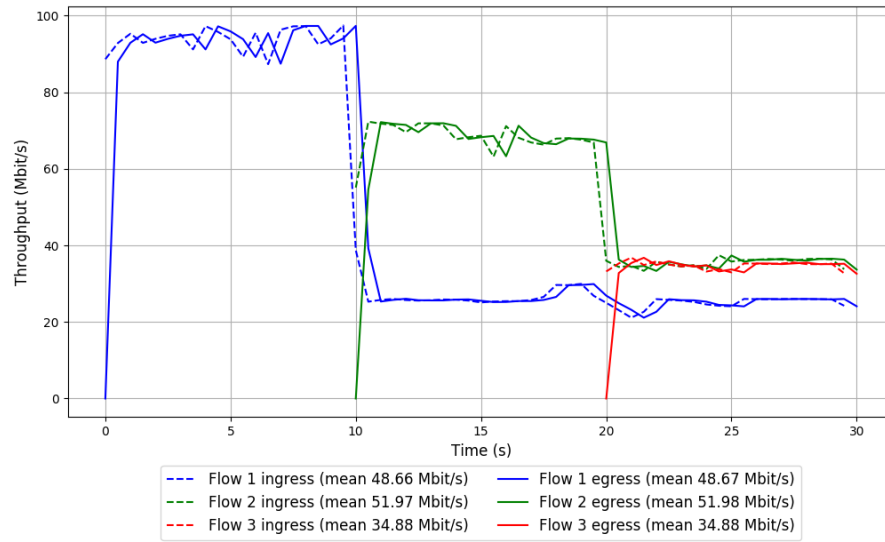


Run 1: Statistics of TCP Vegas

Start at: 2018-07-18 09:06:58
End at: 2018-07-18 09:07:28
Local clock offset: -5.625 ms
Remote clock offset: -8.501 ms

Below is generated by plot.py at 2018-07-18 12:39:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.87 Mbit/s
95th percentile per-packet one-way delay: 5.037 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 48.67 Mbit/s
95th percentile per-packet one-way delay: 4.505 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 51.98 Mbit/s
95th percentile per-packet one-way delay: 5.084 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 34.88 Mbit/s
95th percentile per-packet one-way delay: 6.652 ms
Loss rate: 0.06%

Run 1: Report of TCP Vegas — Data Link

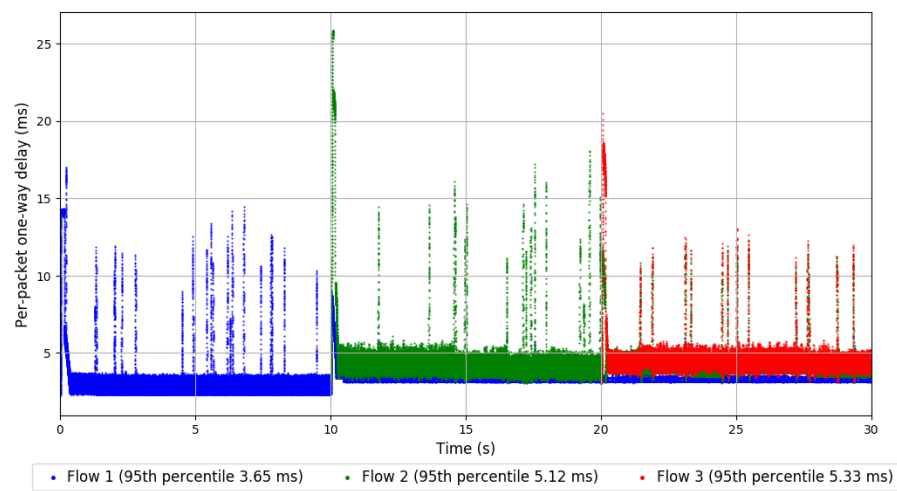
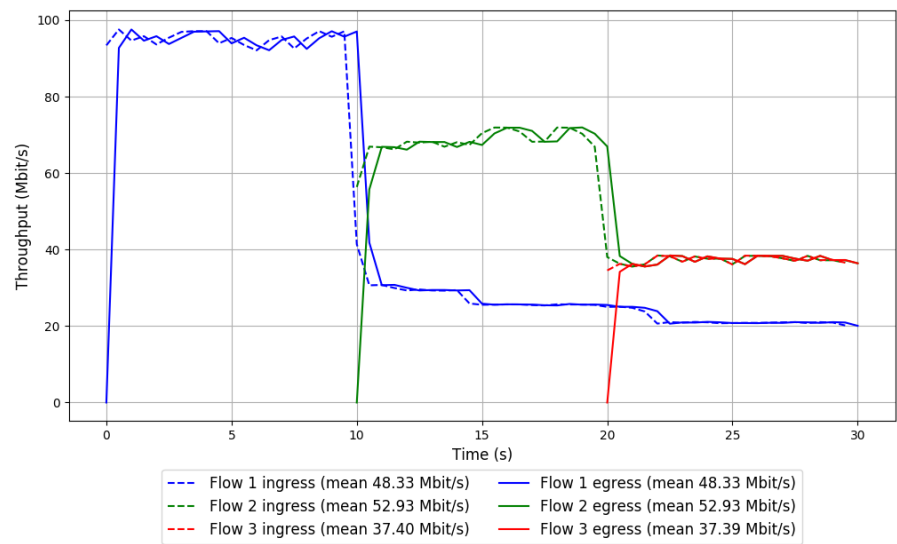


Run 2: Statistics of TCP Vegas

Start at: 2018-07-18 09:26:07
End at: 2018-07-18 09:26:37
Local clock offset: -5.825 ms
Remote clock offset: -7.797 ms

Below is generated by plot.py at 2018-07-18 12:39:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.00 Mbit/s
95th percentile per-packet one-way delay: 5.065 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 48.33 Mbit/s
95th percentile per-packet one-way delay: 3.650 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 52.93 Mbit/s
95th percentile per-packet one-way delay: 5.115 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 37.39 Mbit/s
95th percentile per-packet one-way delay: 5.335 ms
Loss rate: 0.07%

Run 2: Report of TCP Vegas — Data Link

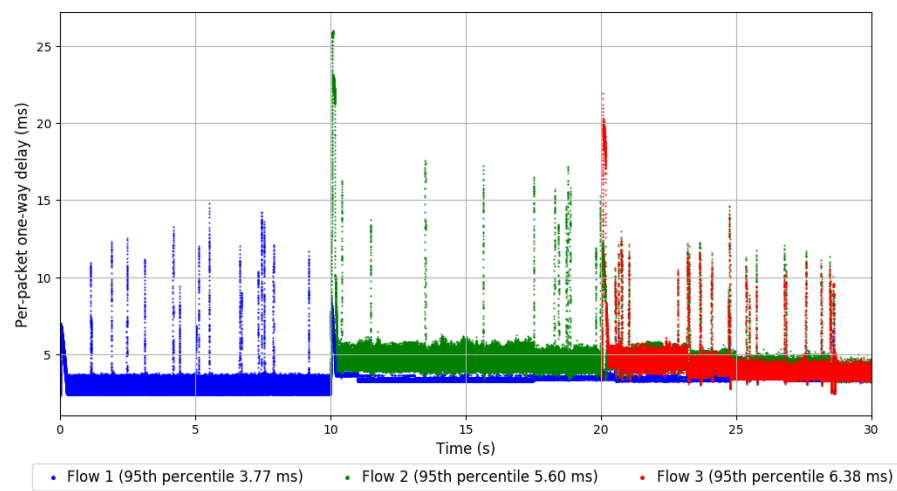
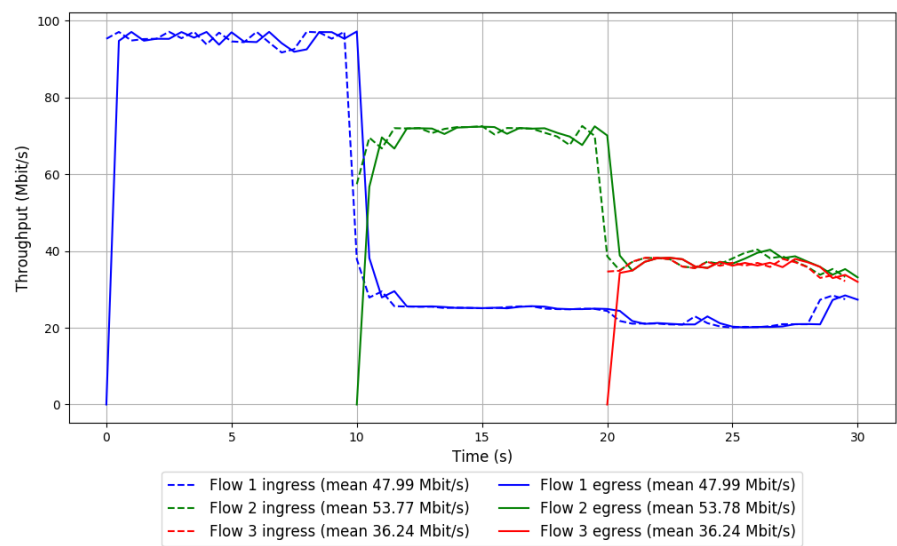


Run 3: Statistics of TCP Vegas

Start at: 2018-07-18 09:45:16
End at: 2018-07-18 09:45:46
Local clock offset: -5.619 ms
Remote clock offset: -7.866 ms

Below is generated by plot.py at 2018-07-18 12:39:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.84 Mbit/s
95th percentile per-packet one-way delay: 5.378 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 47.99 Mbit/s
95th percentile per-packet one-way delay: 3.766 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 53.78 Mbit/s
95th percentile per-packet one-way delay: 5.604 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 36.24 Mbit/s
95th percentile per-packet one-way delay: 6.382 ms
Loss rate: 0.06%

Run 3: Report of TCP Vegas — Data Link

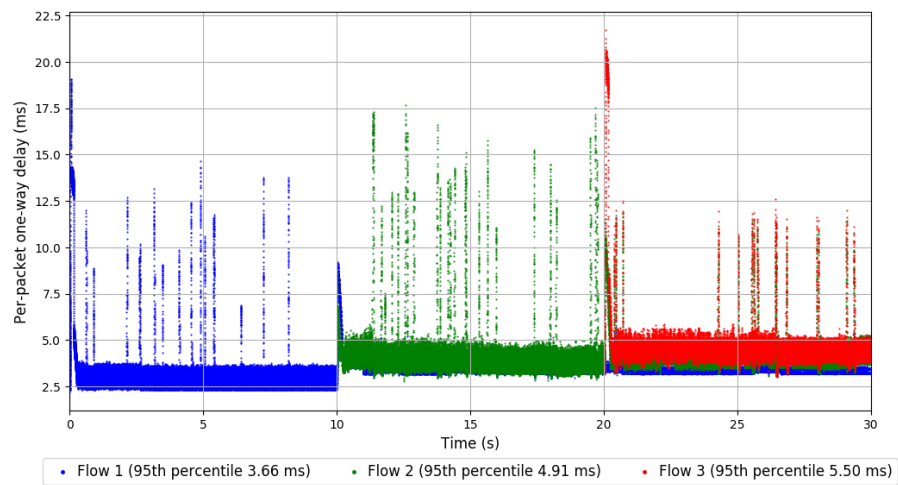
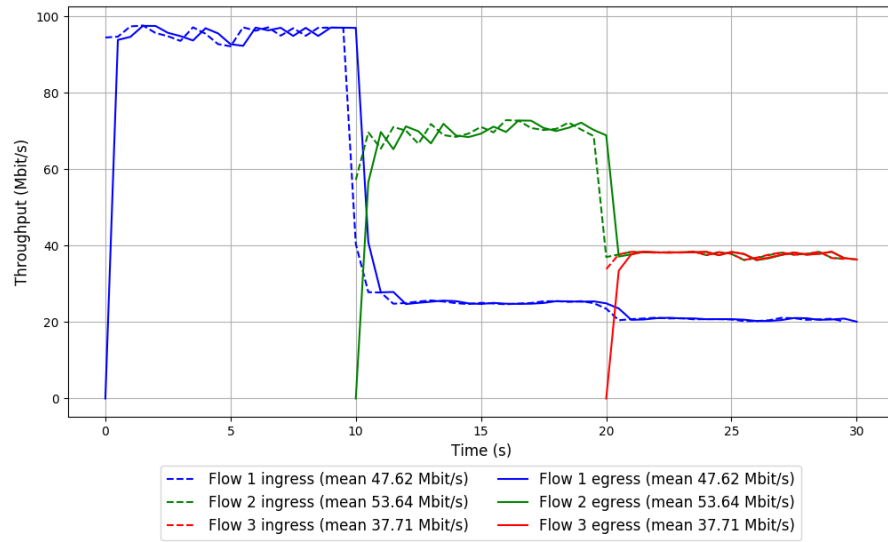


Run 4: Statistics of TCP Vegas

Start at: 2018-07-18 10:04:24
End at: 2018-07-18 10:04:54
Local clock offset: -5.859 ms
Remote clock offset: -6.782 ms

Below is generated by plot.py at 2018-07-18 12:39:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.88 Mbit/s
95th percentile per-packet one-way delay: 4.969 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 47.62 Mbit/s
95th percentile per-packet one-way delay: 3.659 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 53.64 Mbit/s
95th percentile per-packet one-way delay: 4.908 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 37.71 Mbit/s
95th percentile per-packet one-way delay: 5.497 ms
Loss rate: 0.07%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2018-07-18 10:23:34

End at: 2018-07-18 10:24:04

Local clock offset: -6.004 ms

Remote clock offset: -6.66 ms

Below is generated by plot.py at 2018-07-18 12:39:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.98 Mbit/s

95th percentile per-packet one-way delay: 6.522 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 47.94 Mbit/s

95th percentile per-packet one-way delay: 5.587 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 42.77 Mbit/s

95th percentile per-packet one-way delay: 6.270 ms

Loss rate: 0.02%

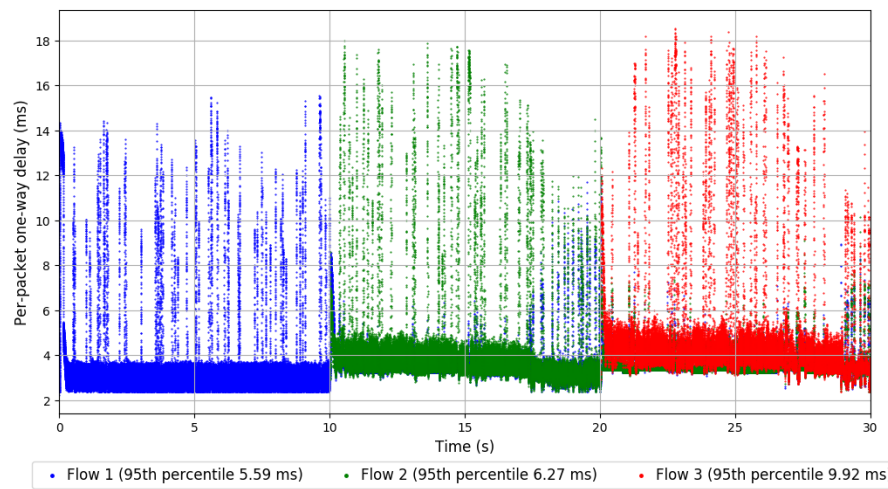
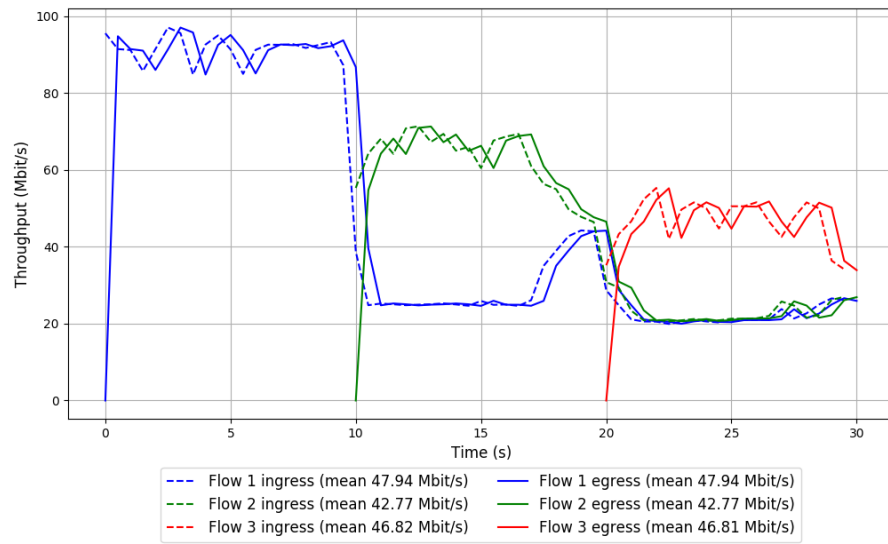
-- Flow 3:

Average throughput: 46.81 Mbit/s

95th percentile per-packet one-way delay: 9.921 ms

Loss rate: 0.05%

Run 5: Report of TCP Vegas — Data Link

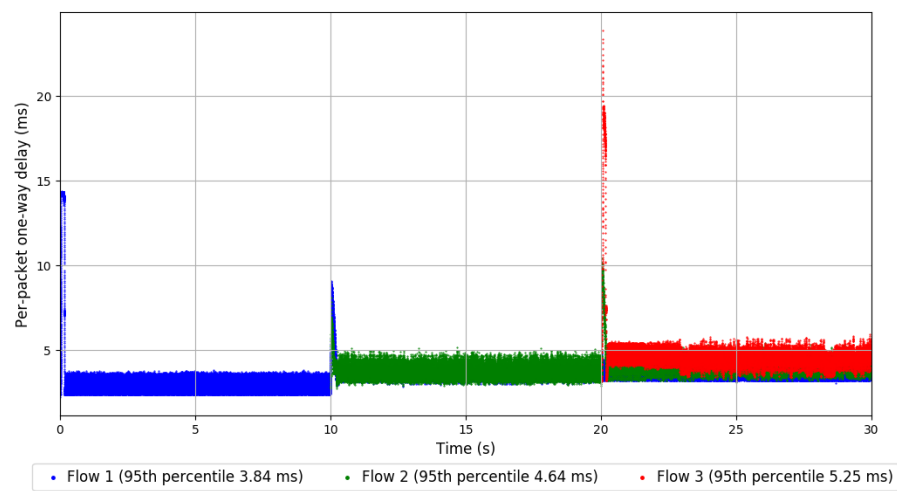
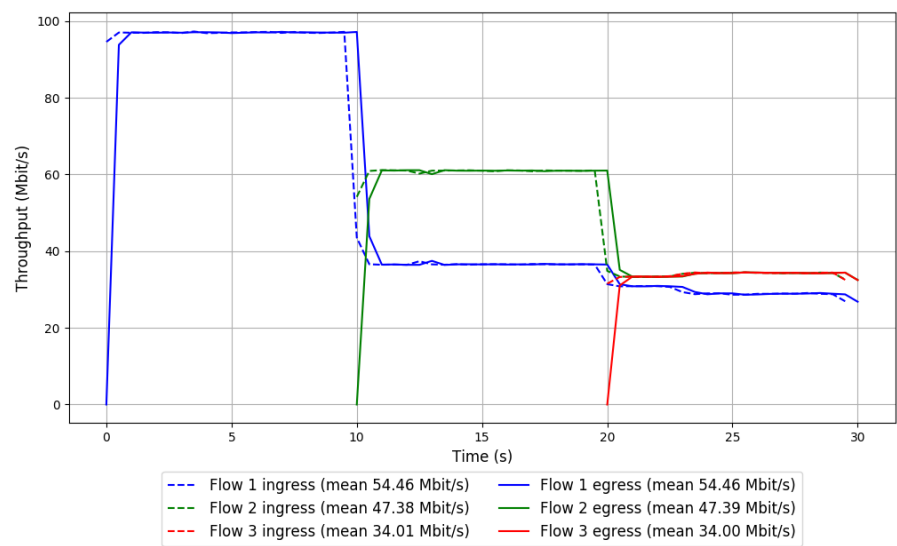


Run 6: Statistics of TCP Vegas

Start at: 2018-07-18 10:42:44
End at: 2018-07-18 10:43:14
Local clock offset: -6.258 ms
Remote clock offset: -6.533 ms

Below is generated by plot.py at 2018-07-18 12:39:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.31 Mbit/s
95th percentile per-packet one-way delay: 4.801 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 54.46 Mbit/s
95th percentile per-packet one-way delay: 3.843 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 47.39 Mbit/s
95th percentile per-packet one-way delay: 4.637 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 34.00 Mbit/s
95th percentile per-packet one-way delay: 5.255 ms
Loss rate: 0.08%

Run 6: Report of TCP Vegas — Data Link

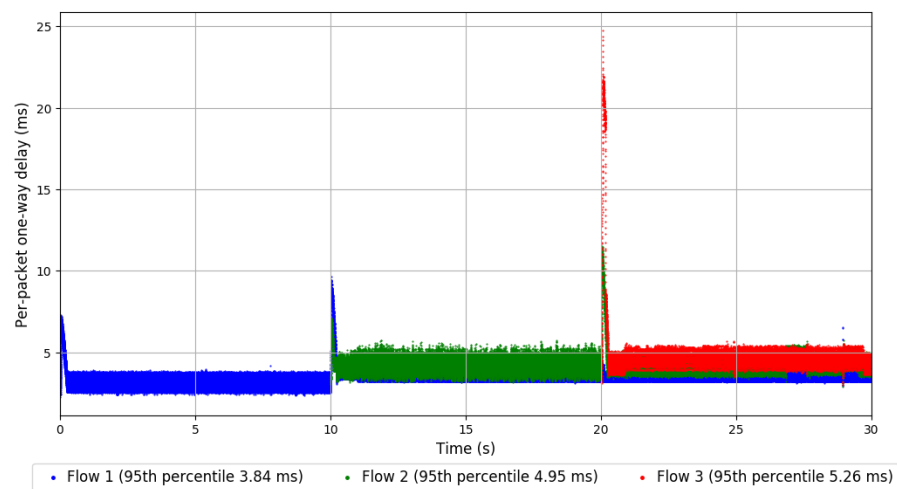
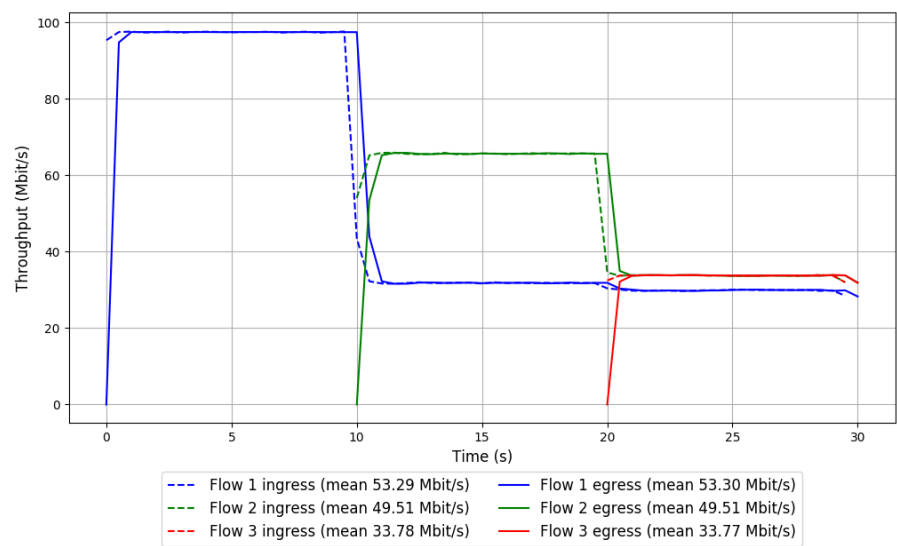


Run 7: Statistics of TCP Vegas

Start at: 2018-07-18 11:01:55
End at: 2018-07-18 11:02:25
Local clock offset: -6.006 ms
Remote clock offset: -7.127 ms

Below is generated by plot.py at 2018-07-18 12:39:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 4.938 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 53.30 Mbit/s
95th percentile per-packet one-way delay: 3.842 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 49.51 Mbit/s
95th percentile per-packet one-way delay: 4.946 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 33.77 Mbit/s
95th percentile per-packet one-way delay: 5.264 ms
Loss rate: 0.06%

Run 7: Report of TCP Vegas — Data Link

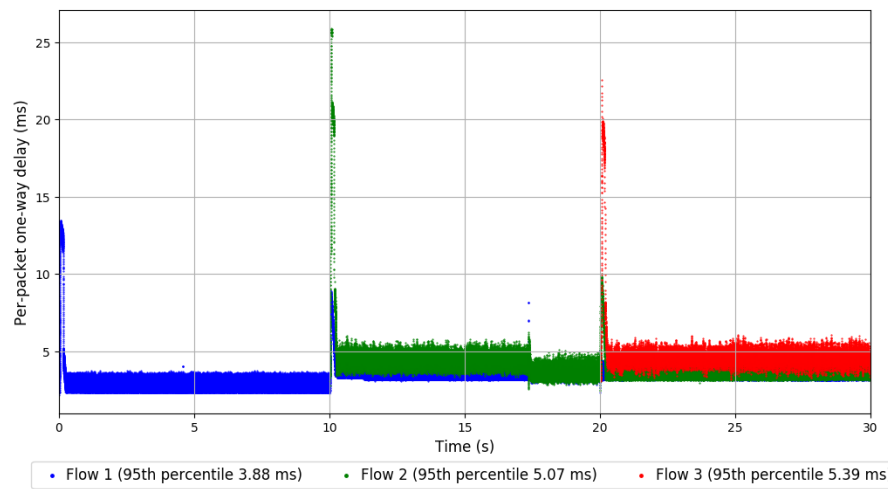
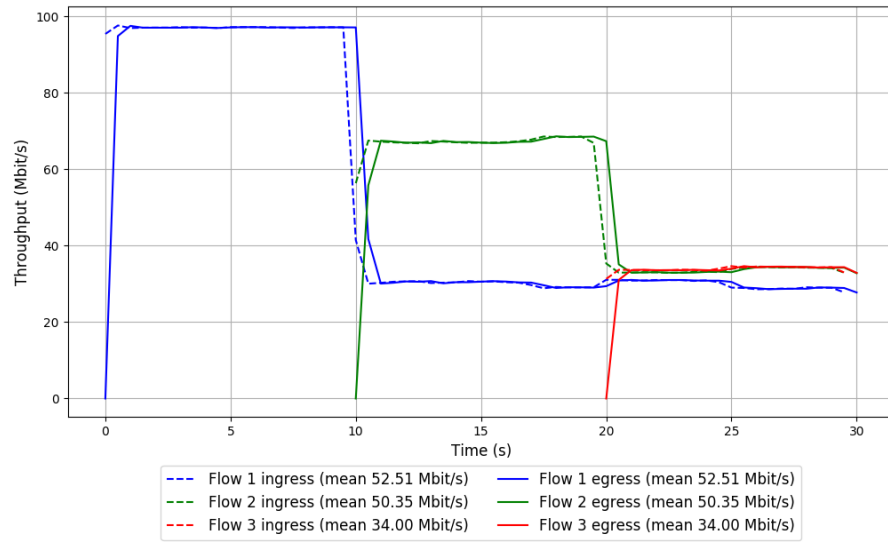


Run 8: Statistics of TCP Vegas

Start at: 2018-07-18 11:21:05
End at: 2018-07-18 11:21:35
Local clock offset: -5.794 ms
Remote clock offset: -7.494 ms

Below is generated by plot.py at 2018-07-18 12:39:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.33 Mbit/s
95th percentile per-packet one-way delay: 5.014 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 52.51 Mbit/s
95th percentile per-packet one-way delay: 3.875 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 50.35 Mbit/s
95th percentile per-packet one-way delay: 5.069 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 34.00 Mbit/s
95th percentile per-packet one-way delay: 5.395 ms
Loss rate: 0.07%

Run 8: Report of TCP Vegas — Data Link

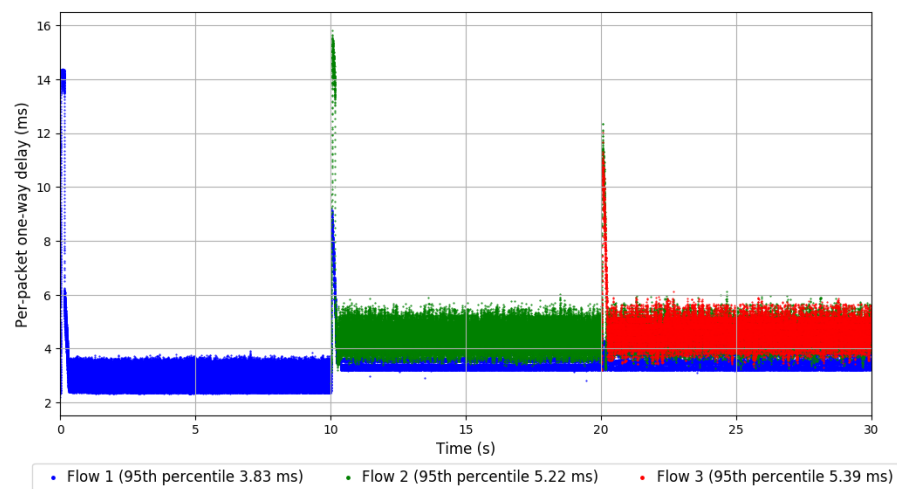
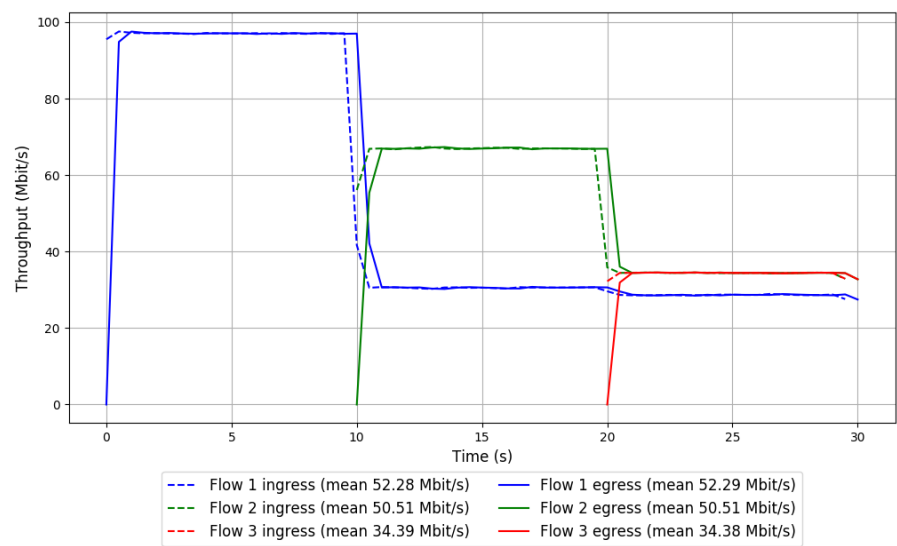


Run 9: Statistics of TCP Vegas

Start at: 2018-07-18 11:40:15
End at: 2018-07-18 11:40:45
Local clock offset: -5.626 ms
Remote clock offset: -6.442 ms

Below is generated by plot.py at 2018-07-18 12:39:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.34 Mbit/s
95th percentile per-packet one-way delay: 5.131 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 52.29 Mbit/s
95th percentile per-packet one-way delay: 3.832 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 50.51 Mbit/s
95th percentile per-packet one-way delay: 5.222 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 34.38 Mbit/s
95th percentile per-packet one-way delay: 5.386 ms
Loss rate: 0.07%

Run 9: Report of TCP Vegas — Data Link

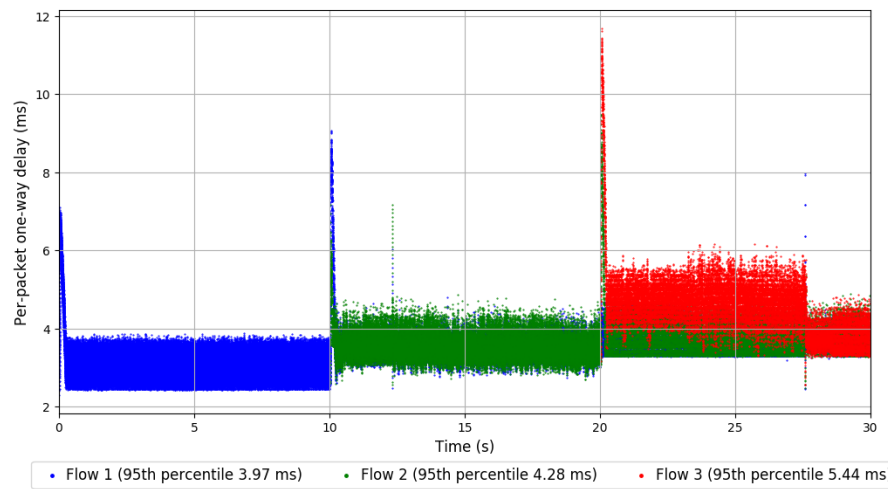
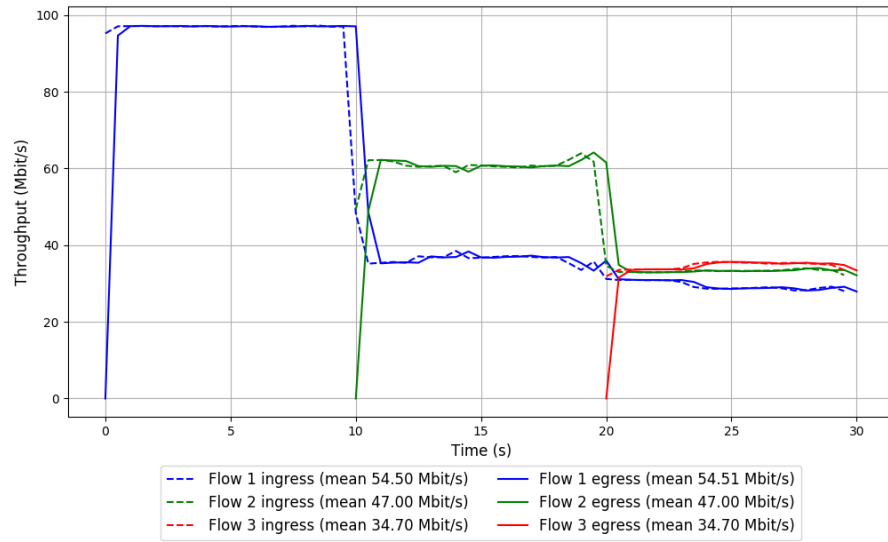


Run 10: Statistics of TCP Vegas

Start at: 2018-07-18 11:59:26
End at: 2018-07-18 11:59:56
Local clock offset: -5.648 ms
Remote clock offset: -6.061 ms

Below is generated by plot.py at 2018-07-18 12:40:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.32 Mbit/s
95th percentile per-packet one-way delay: 4.788 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 54.51 Mbit/s
95th percentile per-packet one-way delay: 3.971 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 47.00 Mbit/s
95th percentile per-packet one-way delay: 4.275 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 34.70 Mbit/s
95th percentile per-packet one-way delay: 5.438 ms
Loss rate: 0.06%

Run 10: Report of TCP Vegas — Data Link

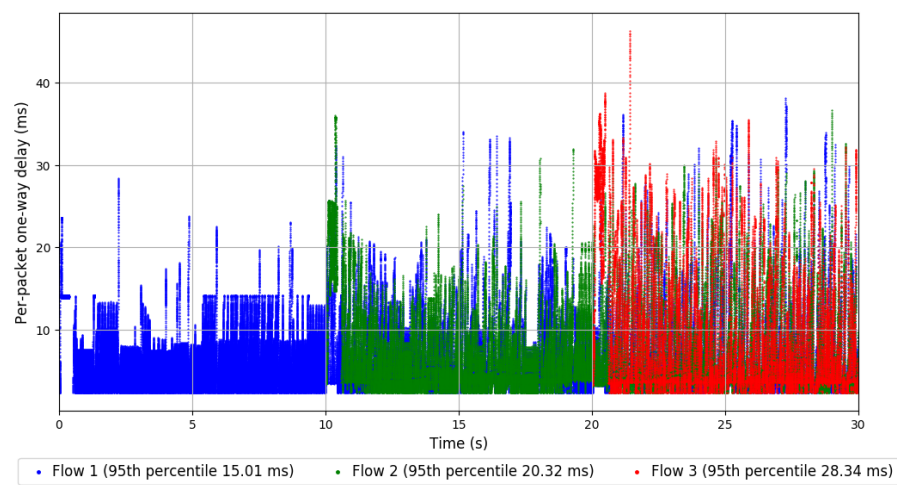
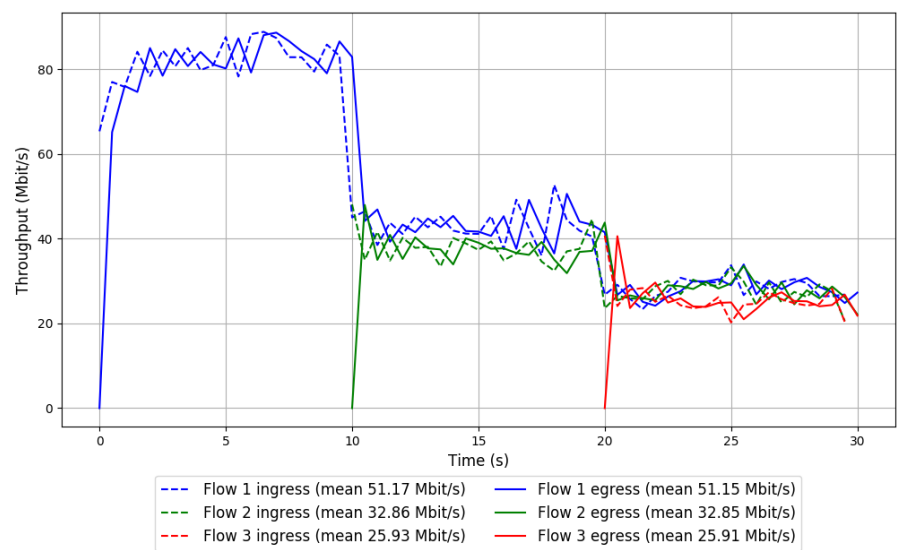


Run 1: Statistics of Verus

Start at: 2018-07-18 09:18:20
End at: 2018-07-18 09:18:50
Local clock offset: -5.741 ms
Remote clock offset: -7.996 ms

Below is generated by plot.py at 2018-07-18 12:40:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.62 Mbit/s
95th percentile per-packet one-way delay: 19.563 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 51.15 Mbit/s
95th percentile per-packet one-way delay: 15.005 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 32.85 Mbit/s
95th percentile per-packet one-way delay: 20.322 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 25.91 Mbit/s
95th percentile per-packet one-way delay: 28.335 ms
Loss rate: 0.11%

Run 1: Report of Verus — Data Link

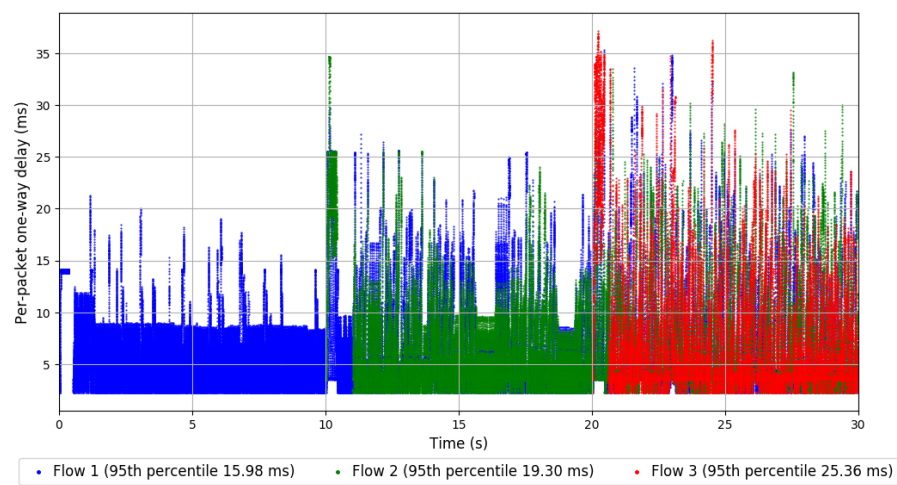
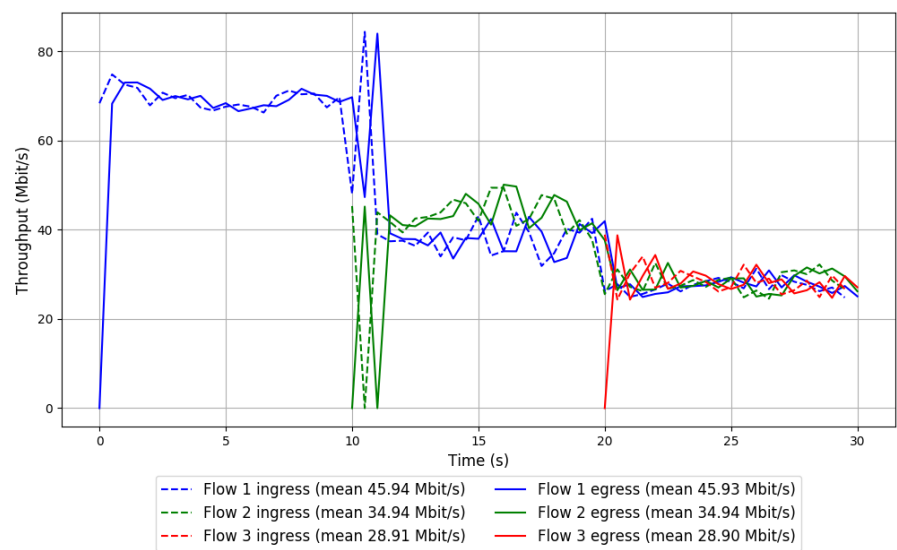


Run 2: Statistics of Verus

Start at: 2018-07-18 09:37:29
End at: 2018-07-18 09:37:59
Local clock offset: -5.721 ms
Remote clock offset: -7.801 ms

Below is generated by plot.py at 2018-07-18 12:40:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.80 Mbit/s
95th percentile per-packet one-way delay: 18.341 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 45.93 Mbit/s
95th percentile per-packet one-way delay: 15.976 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 34.94 Mbit/s
95th percentile per-packet one-way delay: 19.300 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 28.90 Mbit/s
95th percentile per-packet one-way delay: 25.362 ms
Loss rate: 0.07%

Run 2: Report of Verus — Data Link

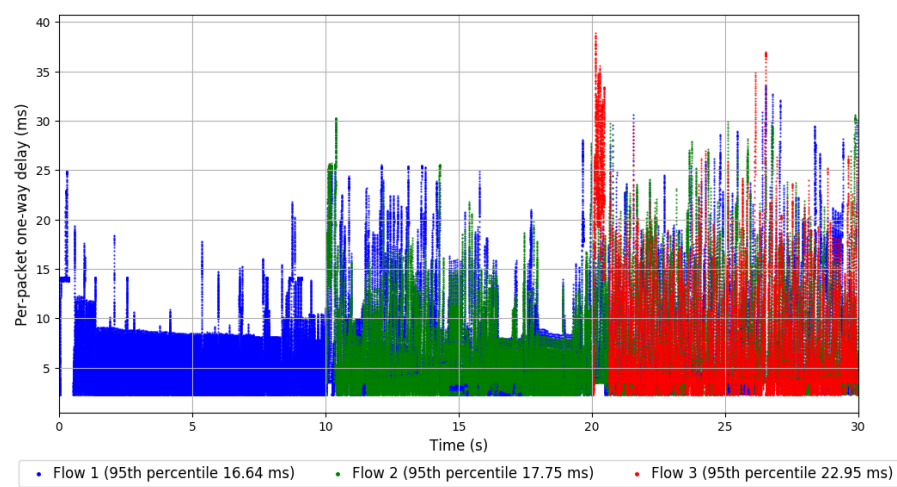
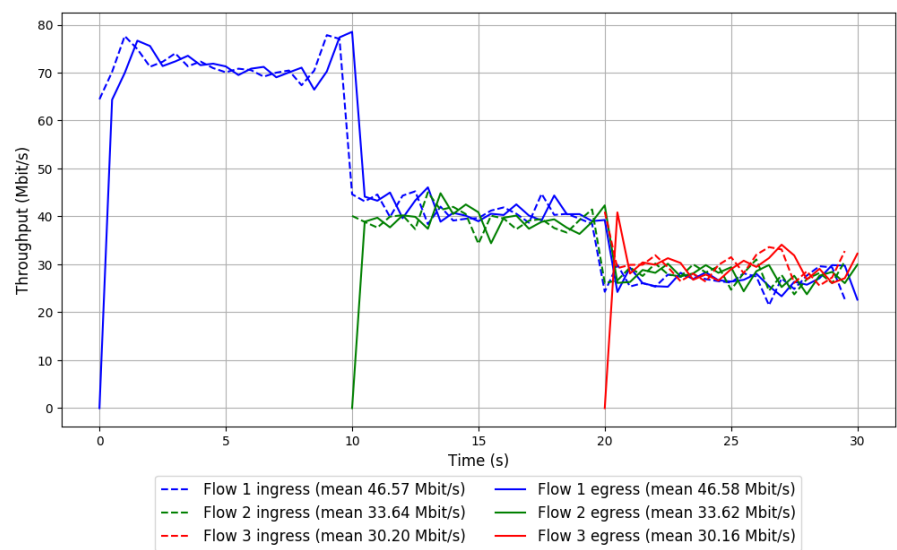


Run 3: Statistics of Verus

Start at: 2018-07-18 09:56:37
End at: 2018-07-18 09:57:07
Local clock offset: -5.716 ms
Remote clock offset: -6.958 ms

Below is generated by plot.py at 2018-07-18 12:40:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.97 Mbit/s
95th percentile per-packet one-way delay: 17.774 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 46.58 Mbit/s
95th percentile per-packet one-way delay: 16.636 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 33.62 Mbit/s
95th percentile per-packet one-way delay: 17.751 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 30.16 Mbit/s
95th percentile per-packet one-way delay: 22.952 ms
Loss rate: 0.15%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2018-07-18 10:15:46

End at: 2018-07-18 10:16:16

Local clock offset: -5.939 ms

Remote clock offset: -6.63 ms

Below is generated by plot.py at 2018-07-18 12:40:43

Datalink statistics

-- Total of 3 flows:

Average throughput: 78.47 Mbit/s

95th percentile per-packet one-way delay: 18.811 ms

Loss rate: 0.03%

-- Flow 1:

Average throughput: 46.71 Mbit/s

95th percentile per-packet one-way delay: 15.910 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 33.97 Mbit/s

95th percentile per-packet one-way delay: 20.534 ms

Loss rate: 0.04%

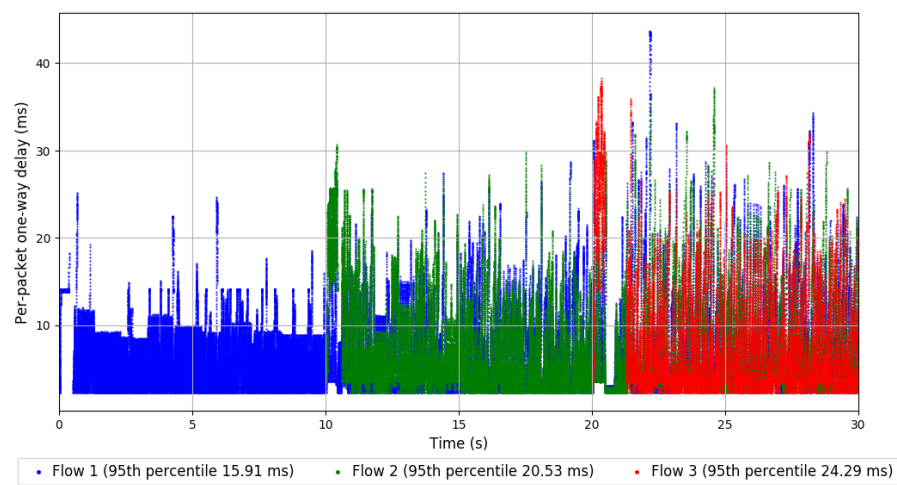
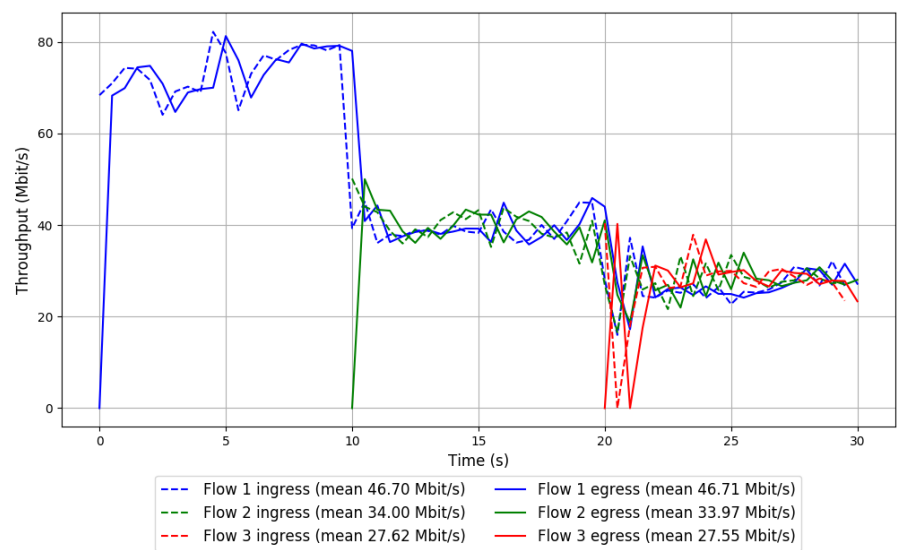
-- Flow 3:

Average throughput: 27.55 Mbit/s

95th percentile per-packet one-way delay: 24.290 ms

Loss rate: 0.09%

Run 4: Report of Verus — Data Link

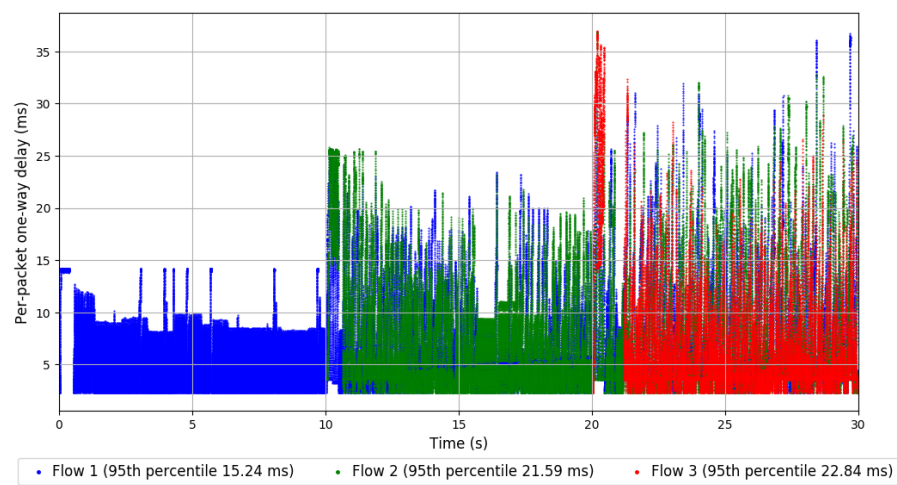
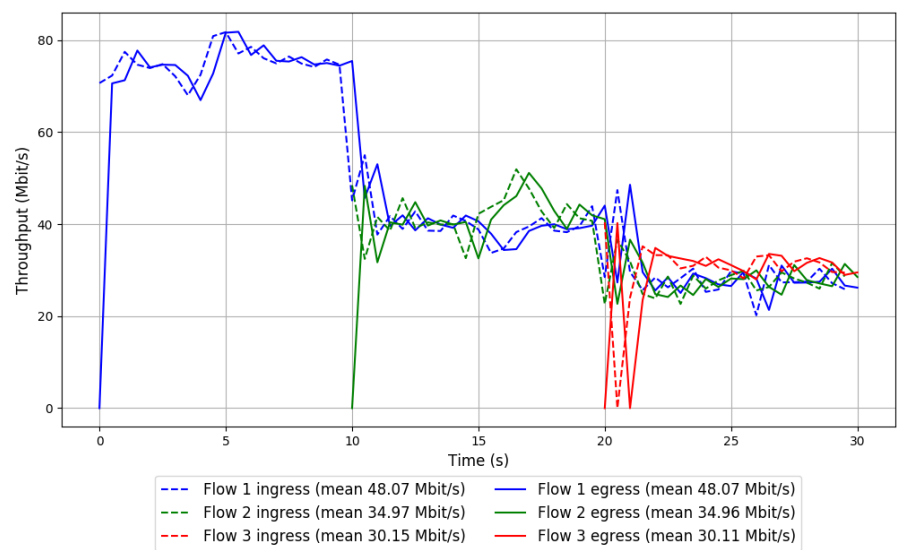


Run 5: Statistics of Verus

Start at: 2018-07-18 10:34:55
End at: 2018-07-18 10:35:25
Local clock offset: -6.203 ms
Remote clock offset: -6.564 ms

Below is generated by plot.py at 2018-07-18 12:40:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.30 Mbit/s
95th percentile per-packet one-way delay: 18.631 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 48.07 Mbit/s
95th percentile per-packet one-way delay: 15.237 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 34.96 Mbit/s
95th percentile per-packet one-way delay: 21.588 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 30.11 Mbit/s
95th percentile per-packet one-way delay: 22.841 ms
Loss rate: 0.18%

Run 5: Report of Verus — Data Link

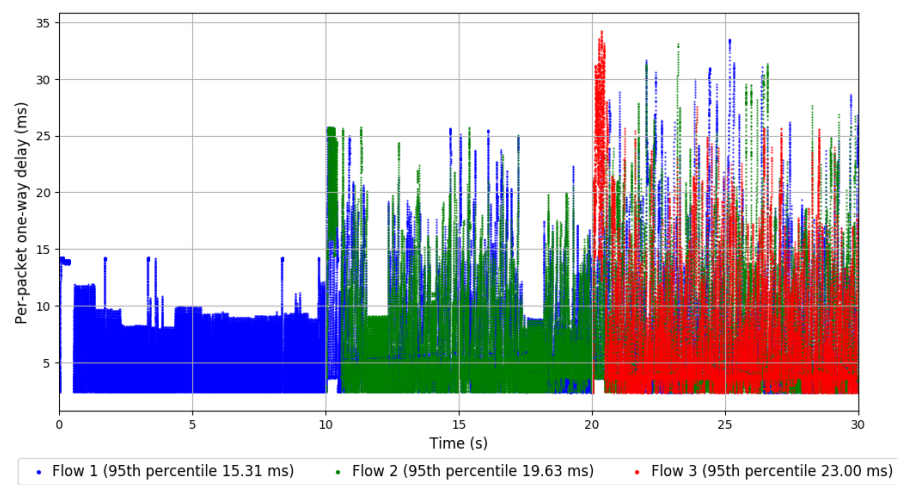
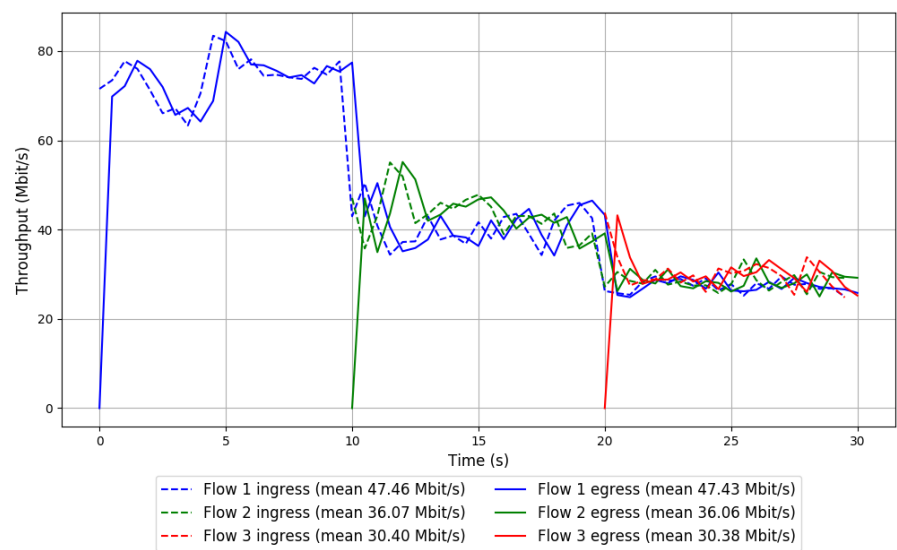


Run 6: Statistics of Verus

Start at: 2018-07-18 10:54:07
End at: 2018-07-18 10:54:37
Local clock offset: -6.252 ms
Remote clock offset: -6.589 ms

Below is generated by plot.py at 2018-07-18 12:40:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.52 Mbit/s
95th percentile per-packet one-way delay: 18.085 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 47.43 Mbit/s
95th percentile per-packet one-way delay: 15.309 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 36.06 Mbit/s
95th percentile per-packet one-way delay: 19.627 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 30.38 Mbit/s
95th percentile per-packet one-way delay: 23.002 ms
Loss rate: 0.08%

Run 6: Report of Verus — Data Link

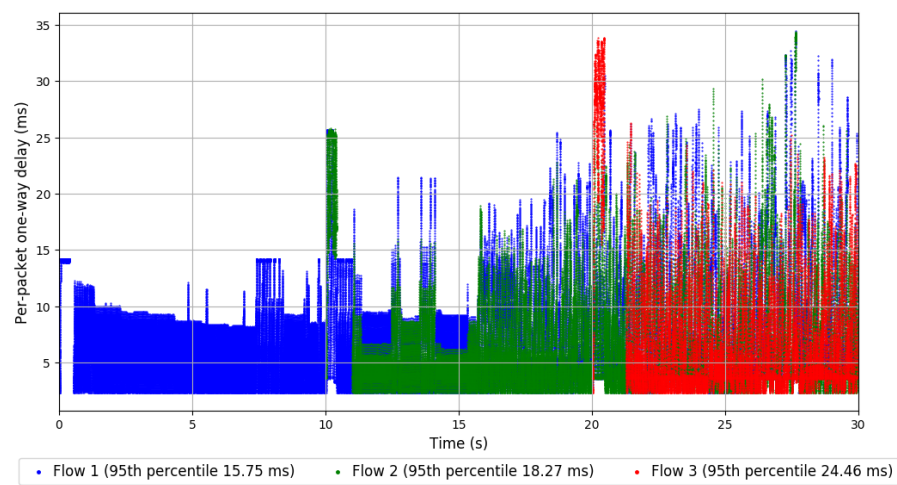
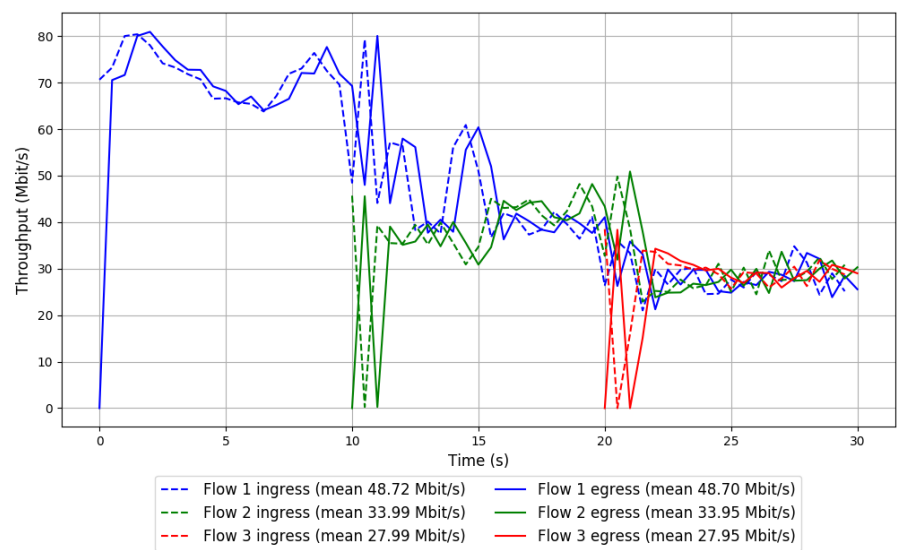


Run 7: Statistics of Verus

Start at: 2018-07-18 11:13:17
End at: 2018-07-18 11:13:47
Local clock offset: -5.829 ms
Remote clock offset: -7.391 ms

Below is generated by plot.py at 2018-07-18 12:40:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.61 Mbit/s
95th percentile per-packet one-way delay: 17.457 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 48.70 Mbit/s
95th percentile per-packet one-way delay: 15.747 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 33.95 Mbit/s
95th percentile per-packet one-way delay: 18.267 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 27.95 Mbit/s
95th percentile per-packet one-way delay: 24.465 ms
Loss rate: 0.16%

Run 7: Report of Verus — Data Link

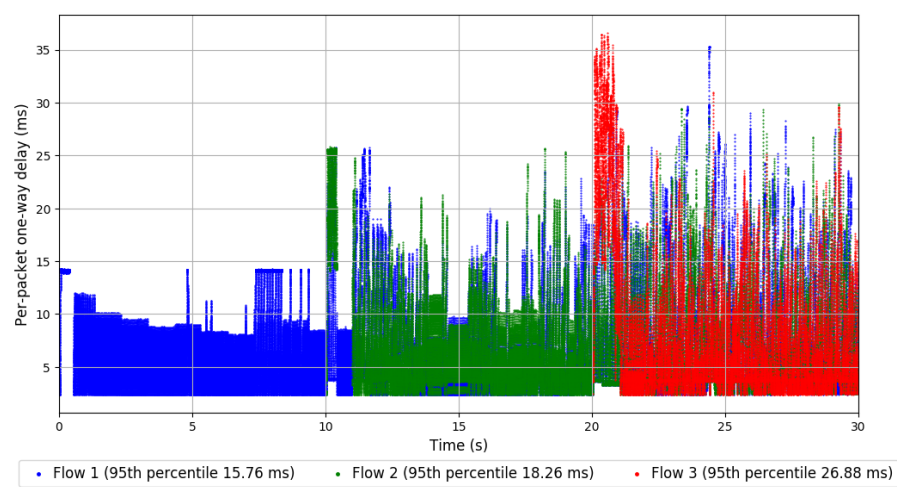
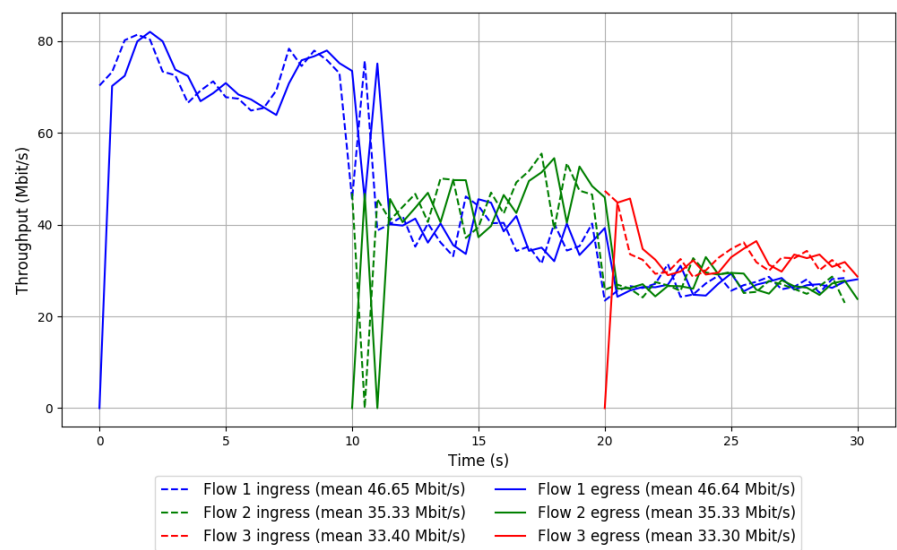


Run 8: Statistics of Verus

Start at: 2018-07-18 11:32:28
End at: 2018-07-18 11:32:58
Local clock offset: -5.671 ms
Remote clock offset: -6.979 ms

Below is generated by plot.py at 2018-07-18 12:41:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.22 Mbit/s
95th percentile per-packet one-way delay: 18.165 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 46.64 Mbit/s
95th percentile per-packet one-way delay: 15.757 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 35.33 Mbit/s
95th percentile per-packet one-way delay: 18.262 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 33.30 Mbit/s
95th percentile per-packet one-way delay: 26.882 ms
Loss rate: 0.32%

Run 8: Report of Verus — Data Link

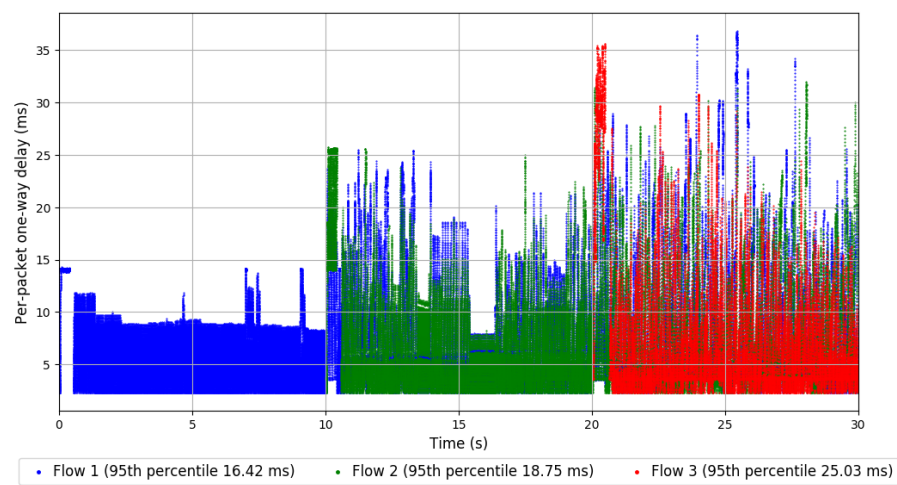
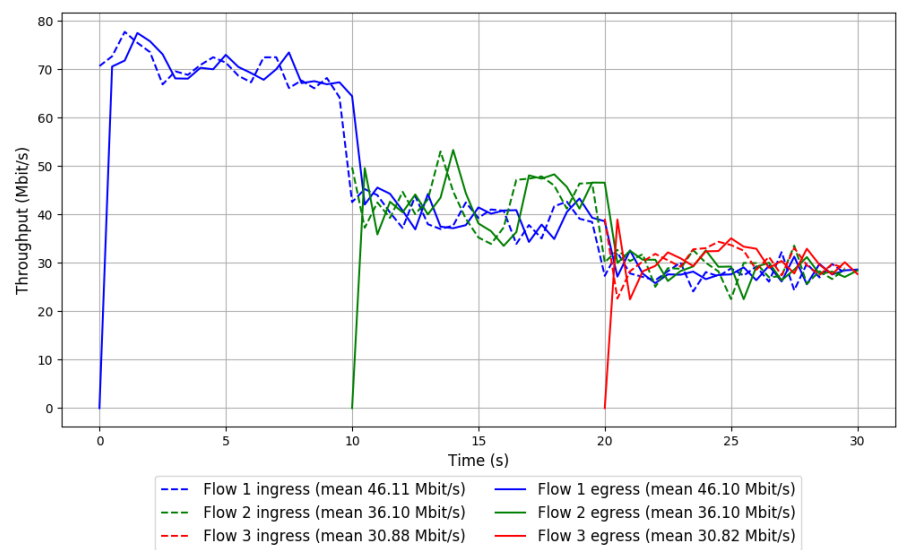


Run 9: Statistics of Verus

Start at: 2018-07-18 11:51:38
End at: 2018-07-18 11:52:08
Local clock offset: -5.543 ms
Remote clock offset: -6.082 ms

Below is generated by plot.py at 2018-07-18 12:41:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.37 Mbit/s
95th percentile per-packet one-way delay: 18.110 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 46.10 Mbit/s
95th percentile per-packet one-way delay: 16.423 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 36.10 Mbit/s
95th percentile per-packet one-way delay: 18.749 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 30.82 Mbit/s
95th percentile per-packet one-way delay: 25.027 ms
Loss rate: 0.22%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: 2018-07-18 12:10:49

End at: 2018-07-18 12:11:19

Local clock offset: -5.761 ms

Remote clock offset: -2.66 ms

Below is generated by plot.py at 2018-07-18 12:41:26

Datalink statistics

-- Total of 3 flows:

Average throughput: 79.26 Mbit/s

95th percentile per-packet one-way delay: 17.650 ms

Loss rate: 0.05%

-- Flow 1:

Average throughput: 46.18 Mbit/s

95th percentile per-packet one-way delay: 15.676 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 33.82 Mbit/s

95th percentile per-packet one-way delay: 19.452 ms

Loss rate: 0.06%

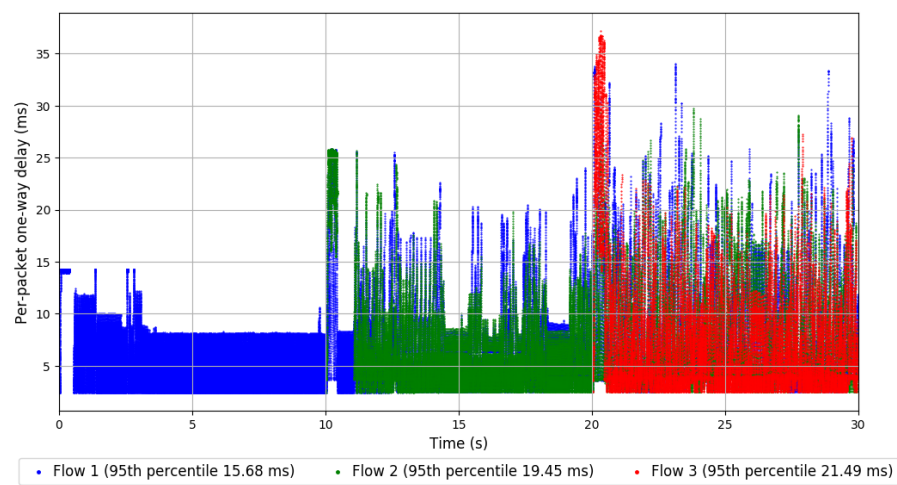
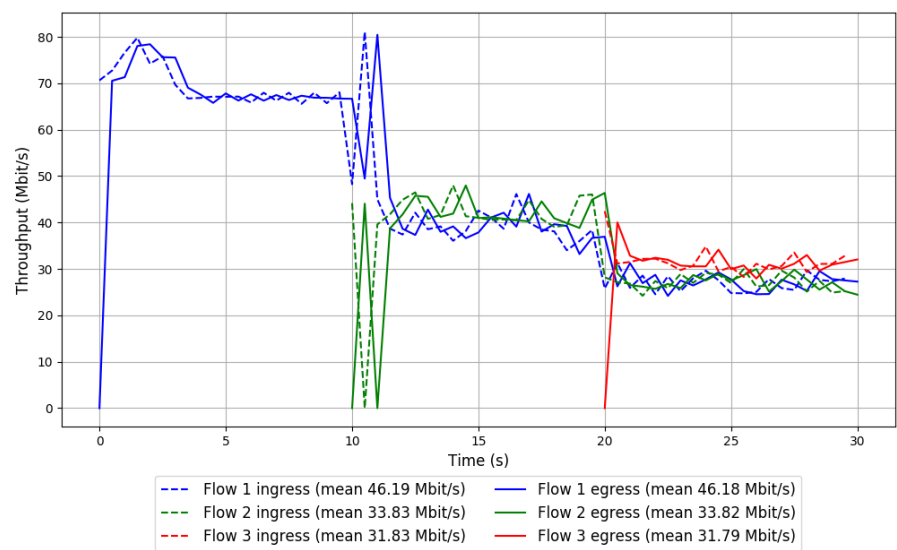
-- Flow 3:

Average throughput: 31.79 Mbit/s

95th percentile per-packet one-way delay: 21.486 ms

Loss rate: 0.14%

Run 10: Report of Verus — Data Link

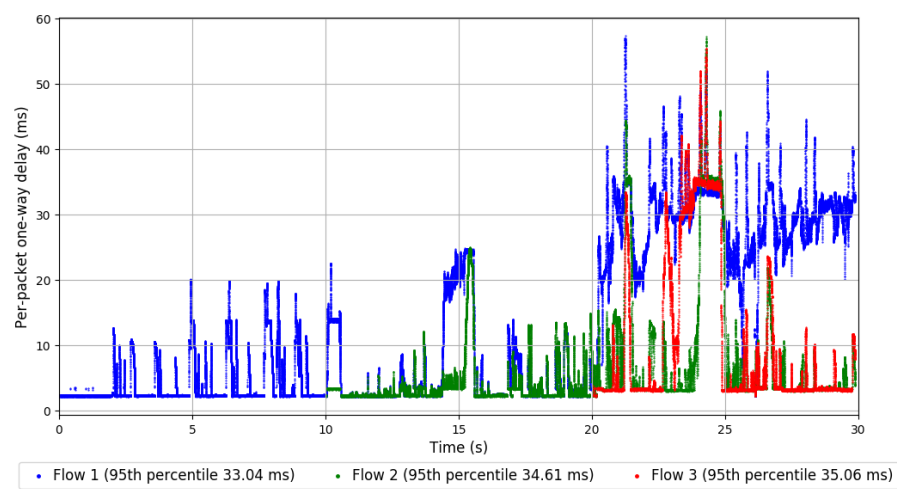
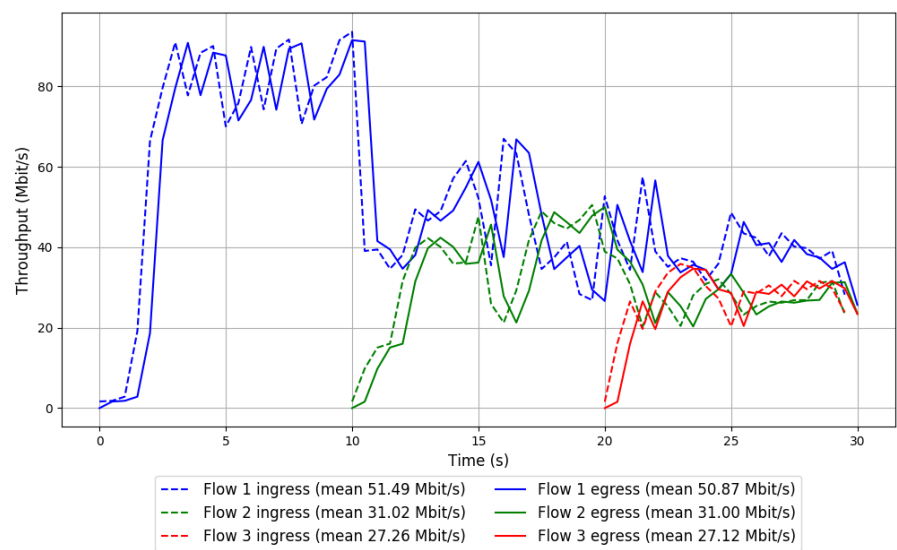


Run 1: Statistics of PCC-Vivace

Start at: 2018-07-18 09:09:13
End at: 2018-07-18 09:09:43
Local clock offset: -5.668 ms
Remote clock offset: -8.562 ms

Below is generated by plot.py at 2018-07-18 12:41:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.43 Mbit/s
95th percentile per-packet one-way delay: 33.622 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 50.87 Mbit/s
95th percentile per-packet one-way delay: 33.040 ms
Loss rate: 1.24%
-- Flow 2:
Average throughput: 31.00 Mbit/s
95th percentile per-packet one-way delay: 34.609 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 27.12 Mbit/s
95th percentile per-packet one-way delay: 35.064 ms
Loss rate: 0.55%

Run 1: Report of PCC-Vivace — Data Link

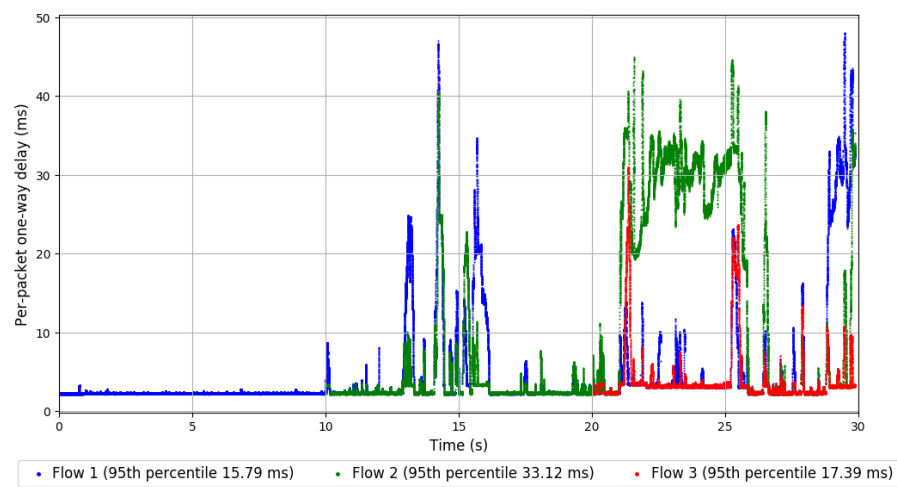
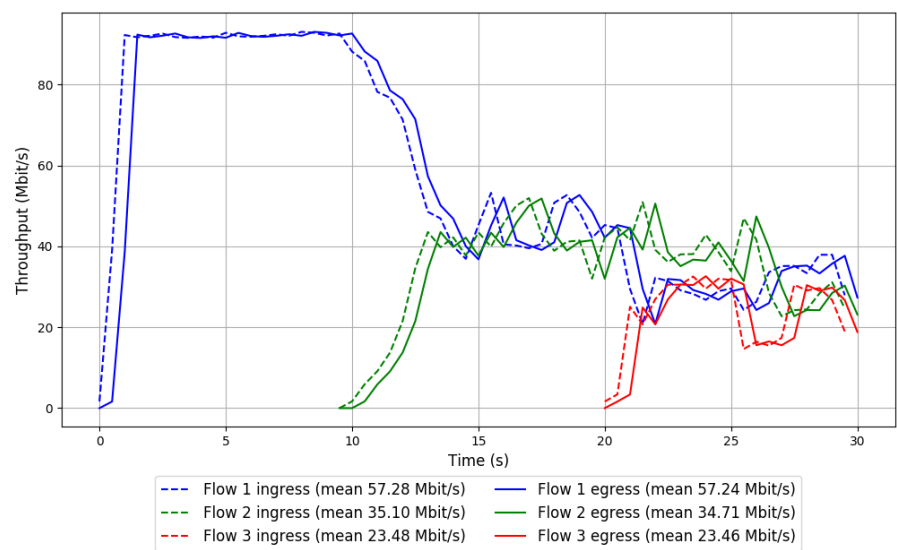


Run 2: Statistics of PCC-Vivace

Start at: 2018-07-18 09:28:22
End at: 2018-07-18 09:28:52
Local clock offset: -5.771 ms
Remote clock offset: -7.783 ms

Below is generated by plot.py at 2018-07-18 12:41:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.08 Mbit/s
95th percentile per-packet one-way delay: 29.464 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 57.24 Mbit/s
95th percentile per-packet one-way delay: 15.786 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 34.71 Mbit/s
95th percentile per-packet one-way delay: 33.125 ms
Loss rate: 1.19%
-- Flow 3:
Average throughput: 23.46 Mbit/s
95th percentile per-packet one-way delay: 17.389 ms
Loss rate: 0.09%

Run 2: Report of PCC-Vivace — Data Link

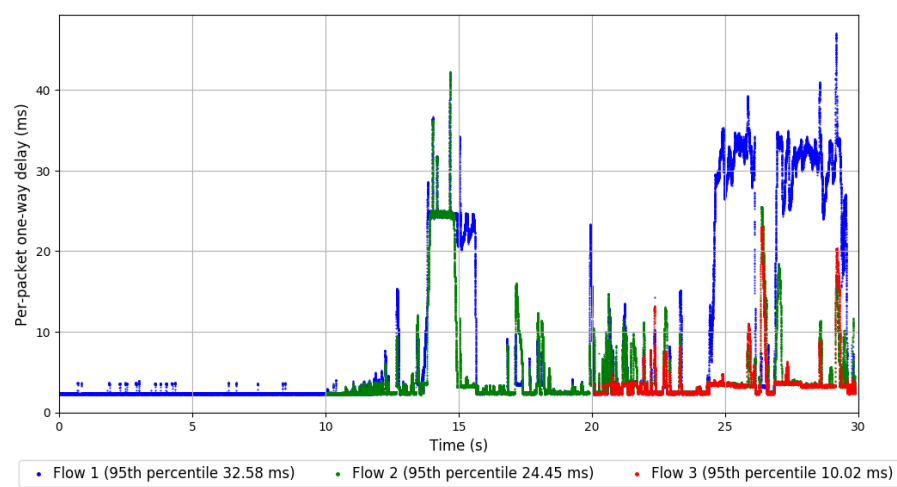
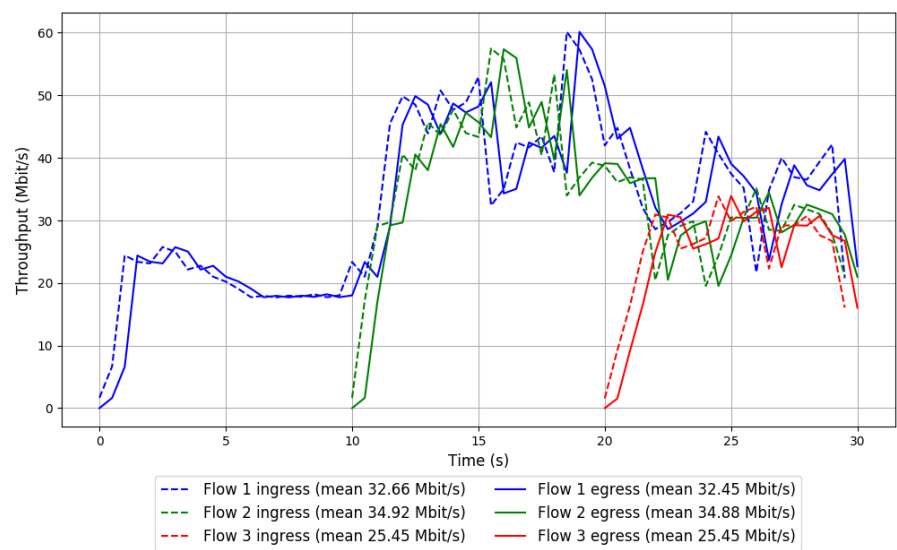


Run 3: Statistics of PCC-Vivace

Start at: 2018-07-18 09:47:31
End at: 2018-07-18 09:48:01
Local clock offset: -5.626 ms
Remote clock offset: -7.578 ms

Below is generated by plot.py at 2018-07-18 12:41:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 64.05 Mbit/s
95th percentile per-packet one-way delay: 30.674 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 32.45 Mbit/s
95th percentile per-packet one-way delay: 32.583 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 34.88 Mbit/s
95th percentile per-packet one-way delay: 24.454 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 25.45 Mbit/s
95th percentile per-packet one-way delay: 10.018 ms
Loss rate: 0.04%

Run 3: Report of PCC-Vivace — Data Link

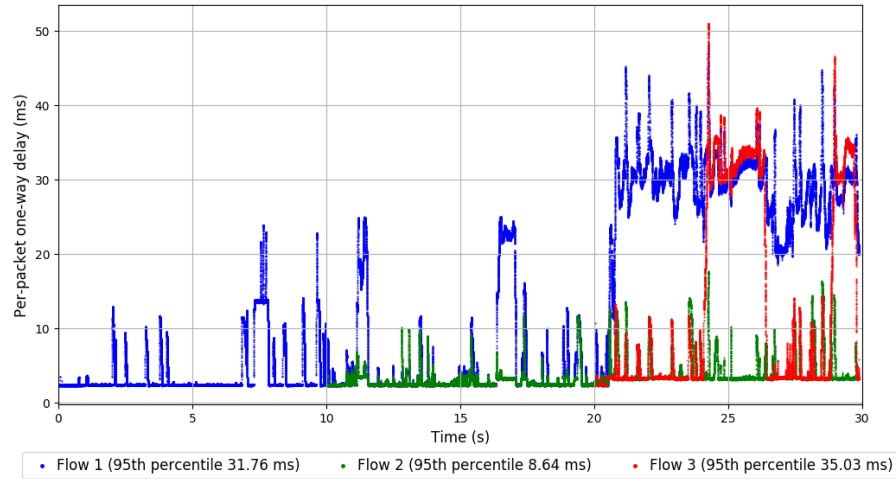
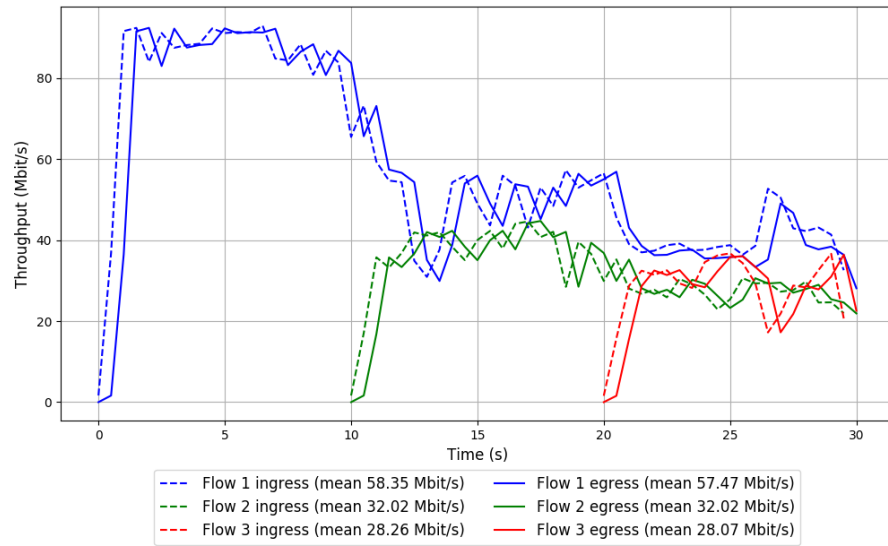


Run 4: Statistics of PCC-Vivace

Start at: 2018-07-18 10:06:39
End at: 2018-07-18 10:07:09
Local clock offset: -5.842 ms
Remote clock offset: -6.753 ms

Below is generated by plot.py at 2018-07-18 12:42:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.02 Mbit/s
95th percentile per-packet one-way delay: 32.041 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 57.47 Mbit/s
95th percentile per-packet one-way delay: 31.758 ms
Loss rate: 1.55%
-- Flow 2:
Average throughput: 32.02 Mbit/s
95th percentile per-packet one-way delay: 8.640 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 28.07 Mbit/s
95th percentile per-packet one-way delay: 35.035 ms
Loss rate: 0.72%

Run 4: Report of PCC-Vivace — Data Link

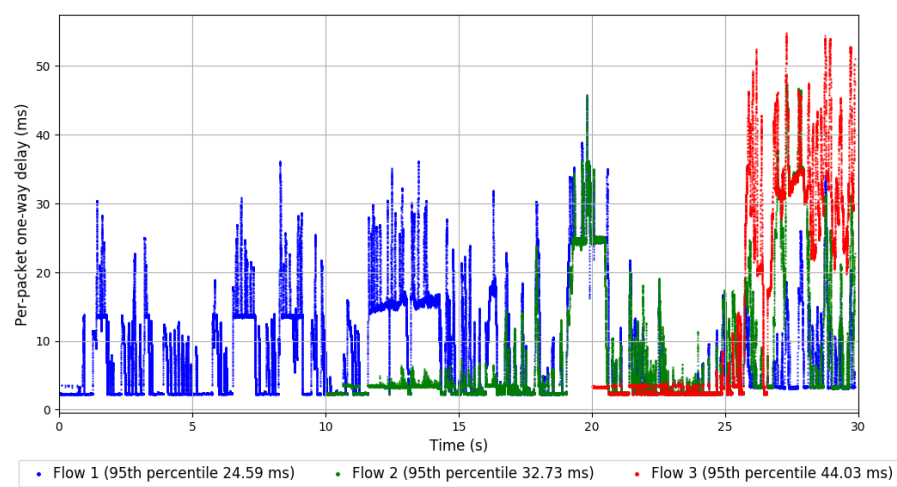
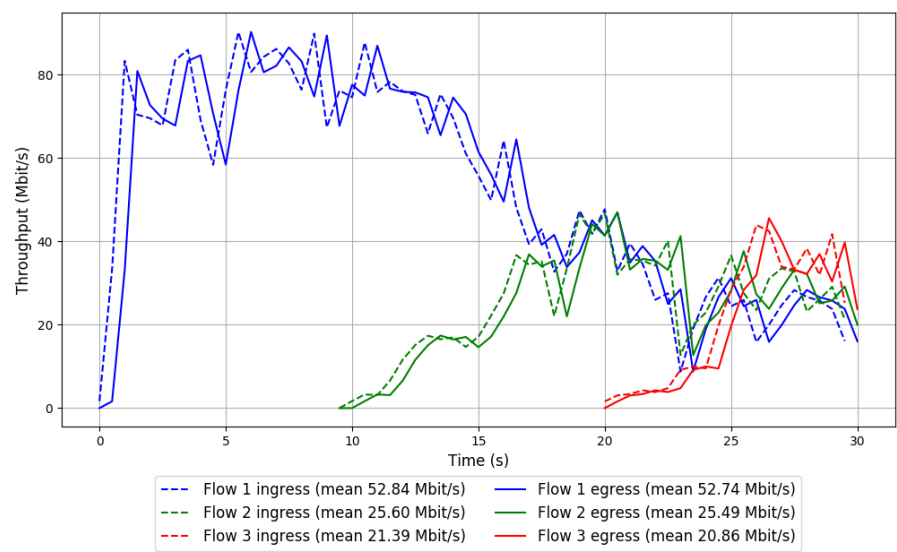


Run 5: Statistics of PCC-Vivace

Start at: 2018-07-18 10:25:49
End at: 2018-07-18 10:26:19
Local clock offset: -5.976 ms
Remote clock offset: -6.564 ms

Below is generated by plot.py at 2018-07-18 12:42:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.58 Mbit/s
95th percentile per-packet one-way delay: 31.281 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 52.74 Mbit/s
95th percentile per-packet one-way delay: 24.585 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 25.49 Mbit/s
95th percentile per-packet one-way delay: 32.730 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 20.86 Mbit/s
95th percentile per-packet one-way delay: 44.027 ms
Loss rate: 2.68%

Run 5: Report of PCC-Vivace — Data Link

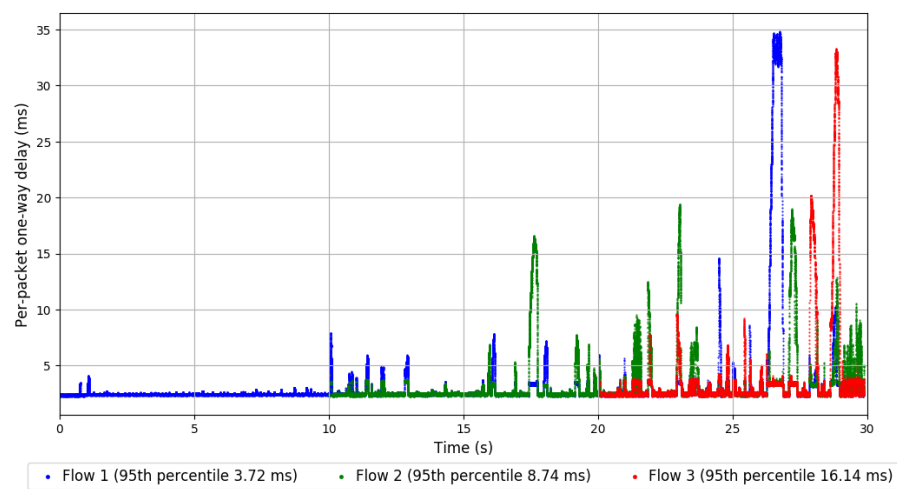
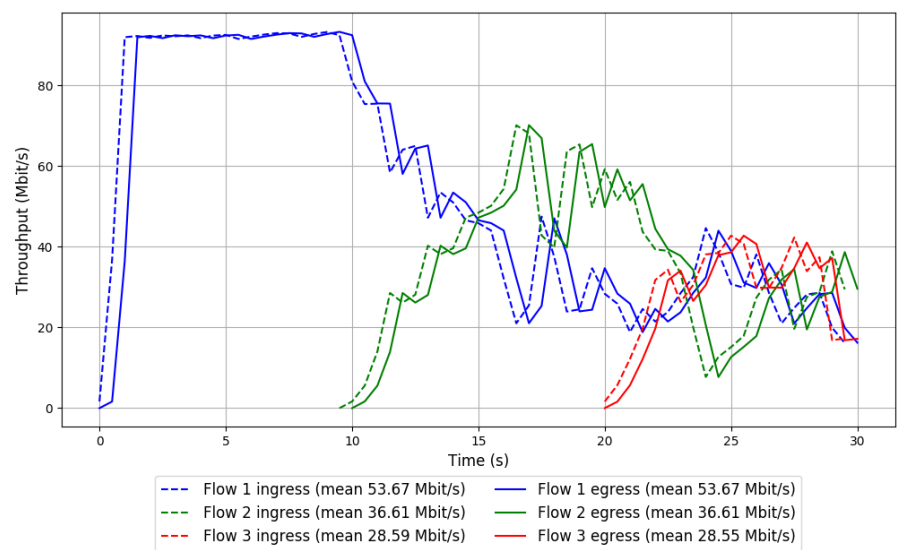


Run 6: Statistics of PCC-Vivace

Start at: 2018-07-18 10:44:59
End at: 2018-07-18 10:45:29
Local clock offset: -6.212 ms
Remote clock offset: -6.543 ms

Below is generated by plot.py at 2018-07-18 12:42:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.46 Mbit/s
95th percentile per-packet one-way delay: 6.096 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 53.67 Mbit/s
95th percentile per-packet one-way delay: 3.724 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 36.61 Mbit/s
95th percentile per-packet one-way delay: 8.740 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 28.55 Mbit/s
95th percentile per-packet one-way delay: 16.138 ms
Loss rate: 0.18%

Run 6: Report of PCC-Vivace — Data Link

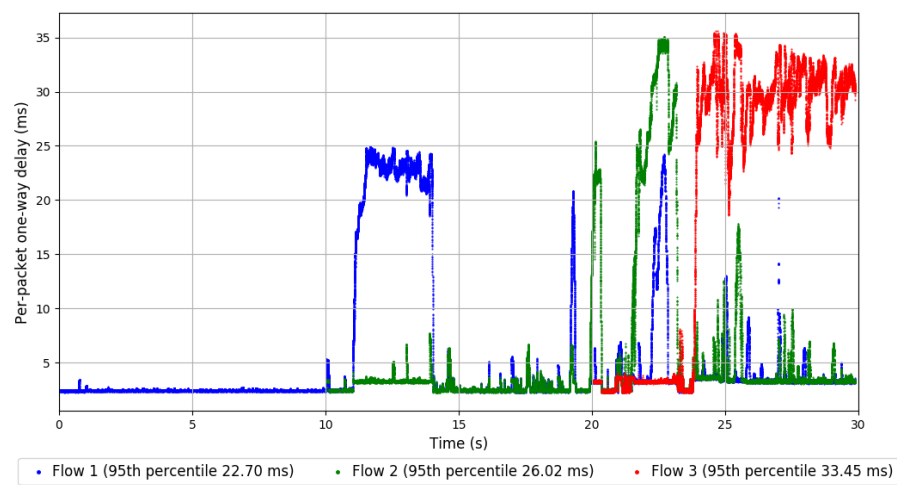
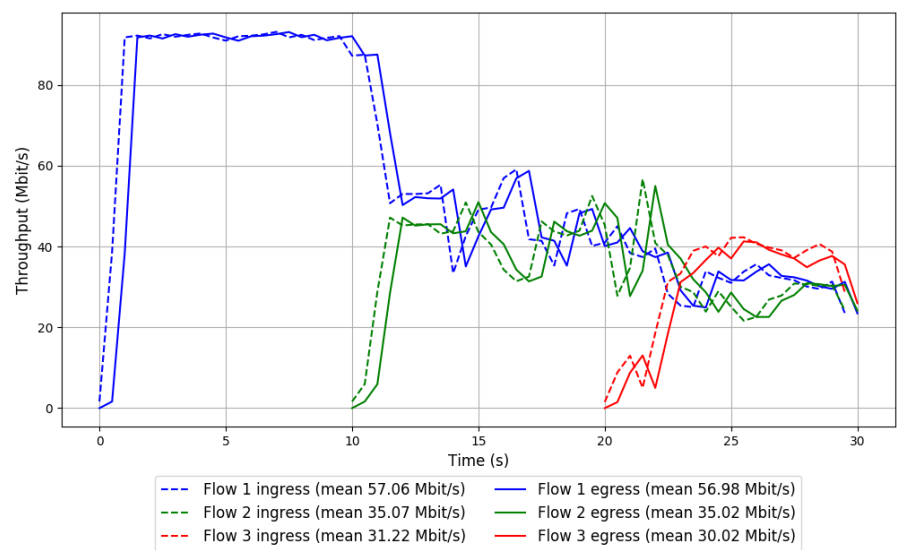


Run 7: Statistics of PCC-Vivace

Start at: 2018-07-18 11:04:10
End at: 2018-07-18 11:04:40
Local clock offset: -5.943 ms
Remote clock offset: -7.238 ms

Below is generated by plot.py at 2018-07-18 12:42:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.18 Mbit/s
95th percentile per-packet one-way delay: 30.021 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 56.98 Mbit/s
95th percentile per-packet one-way delay: 22.703 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 35.02 Mbit/s
95th percentile per-packet one-way delay: 26.019 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 30.02 Mbit/s
95th percentile per-packet one-way delay: 33.452 ms
Loss rate: 3.96%

Run 7: Report of PCC-Vivace — Data Link

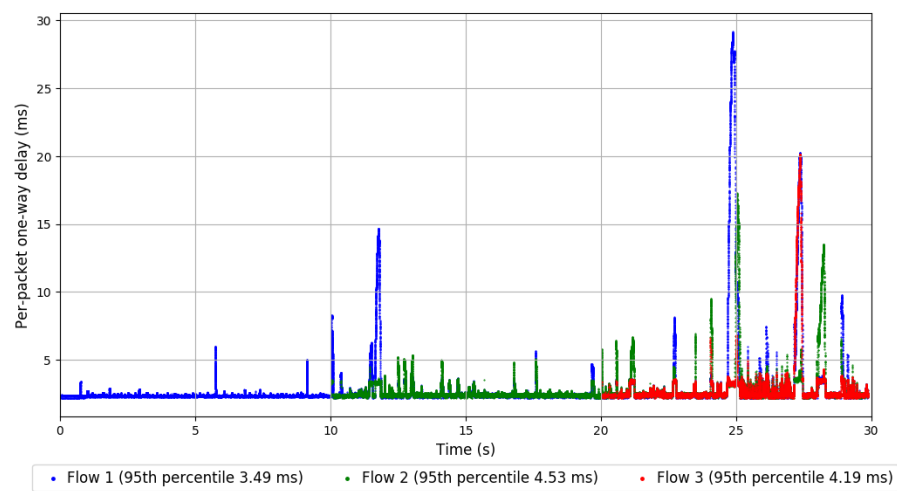
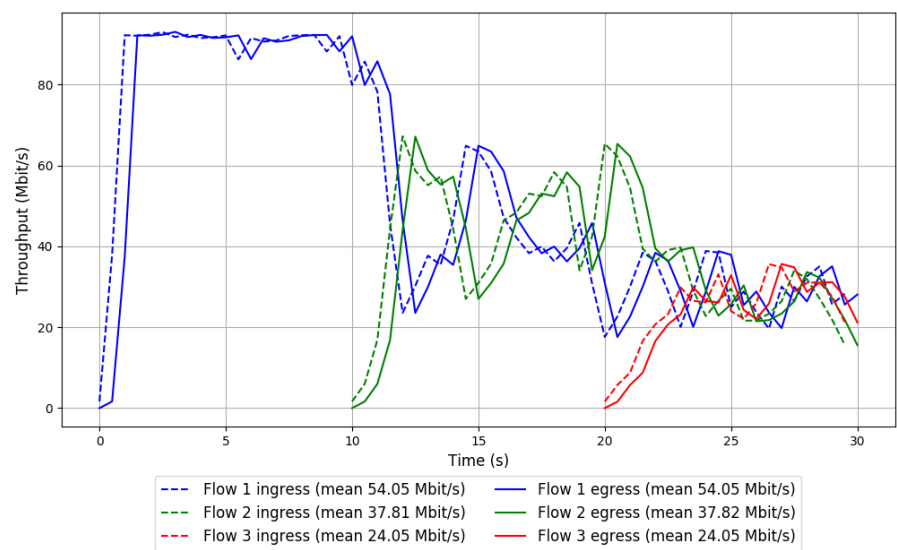


Run 8: Statistics of PCC-Vivace

Start at: 2018-07-18 11:23:20
End at: 2018-07-18 11:23:50
Local clock offset: -5.785 ms
Remote clock offset: -7.562 ms

Below is generated by plot.py at 2018-07-18 12:42:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.14 Mbit/s
95th percentile per-packet one-way delay: 3.824 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 54.05 Mbit/s
95th percentile per-packet one-way delay: 3.492 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 37.82 Mbit/s
95th percentile per-packet one-way delay: 4.530 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 24.05 Mbit/s
95th percentile per-packet one-way delay: 4.186 ms
Loss rate: 0.06%

Run 8: Report of PCC-Vivace — Data Link

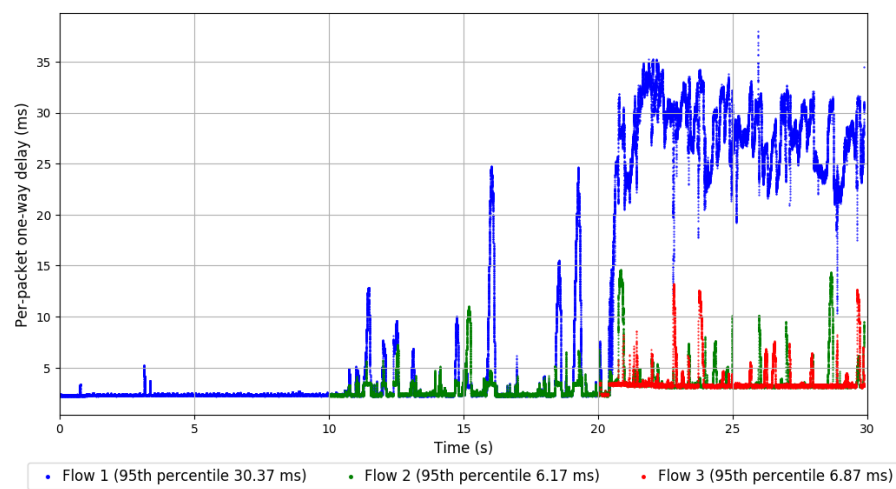
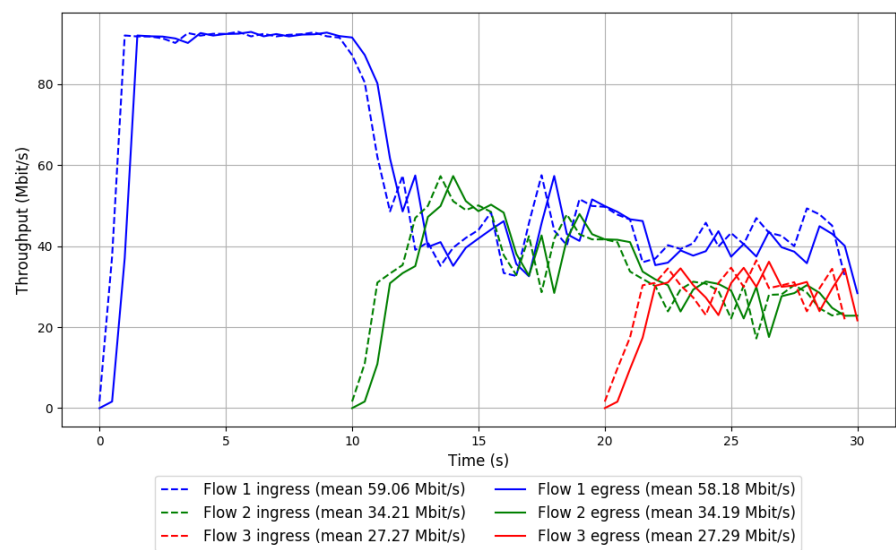


Run 9: Statistics of PCC-Vivace

Start at: 2018-07-18 11:42:30
End at: 2018-07-18 11:43:00
Local clock offset: -5.6 ms
Remote clock offset: -6.321 ms

Below is generated by plot.py at 2018-07-18 12:42:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.92 Mbit/s
95th percentile per-packet one-way delay: 29.132 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 58.18 Mbit/s
95th percentile per-packet one-way delay: 30.374 ms
Loss rate: 1.51%
-- Flow 2:
Average throughput: 34.19 Mbit/s
95th percentile per-packet one-way delay: 6.171 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 27.29 Mbit/s
95th percentile per-packet one-way delay: 6.872 ms
Loss rate: 0.06%

Run 9: Report of PCC-Vivace — Data Link



Run 10: Statistics of PCC-Vivace

Start at: 2018-07-18 12:01:41

End at: 2018-07-18 12:02:11

Local clock offset: -5.754 ms

Remote clock offset: -5.98 ms

Below is generated by plot.py at 2018-07-18 12:42:36

Datalink statistics

-- Total of 3 flows:

Average throughput: 85.63 Mbit/s

95th percentile per-packet one-way delay: 25.289 ms

Loss rate: 0.25%

-- Flow 1:

Average throughput: 55.50 Mbit/s

95th percentile per-packet one-way delay: 28.515 ms

Loss rate: 0.37%

-- Flow 2:

Average throughput: 34.10 Mbit/s

95th percentile per-packet one-way delay: 6.665 ms

Loss rate: 0.03%

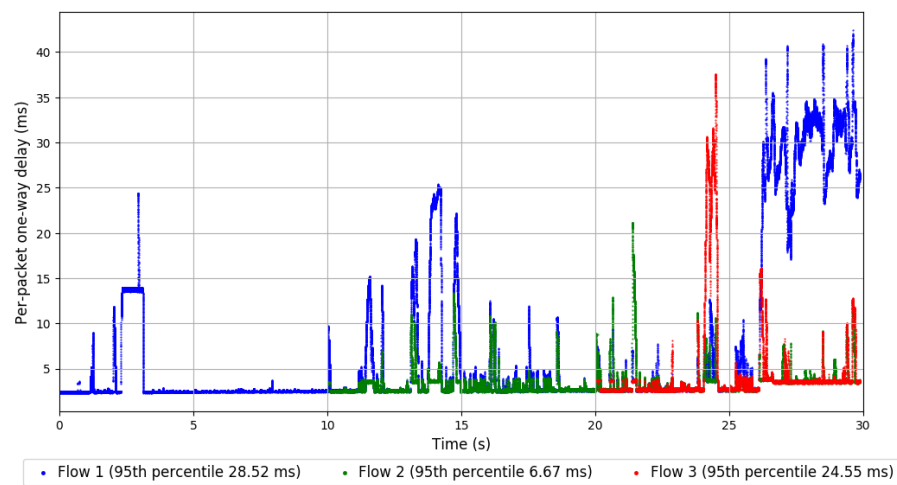
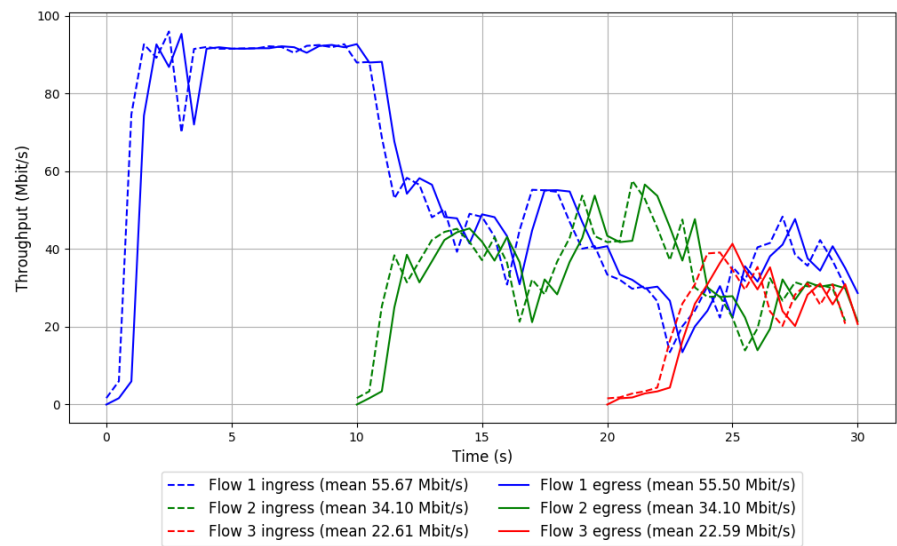
-- Flow 3:

Average throughput: 22.59 Mbit/s

95th percentile per-packet one-way delay: 24.545 ms

Loss rate: 0.11%

Run 10: Report of PCC-Vivace — Data Link

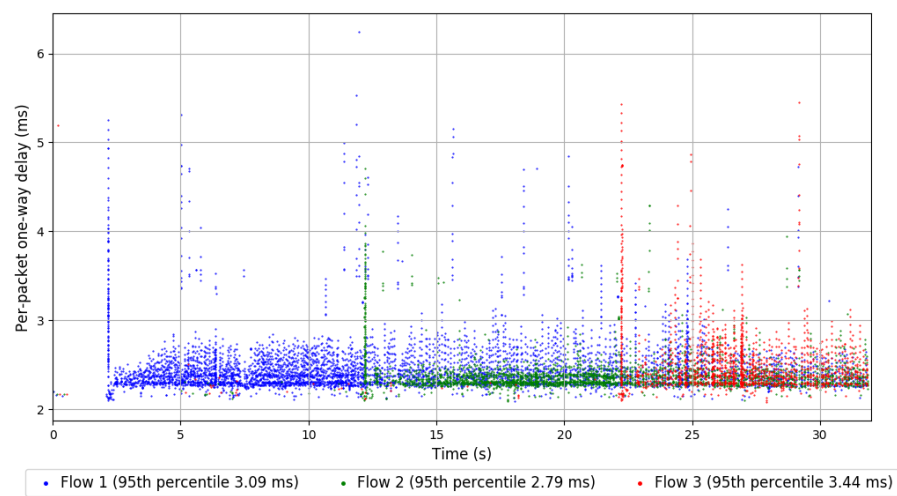
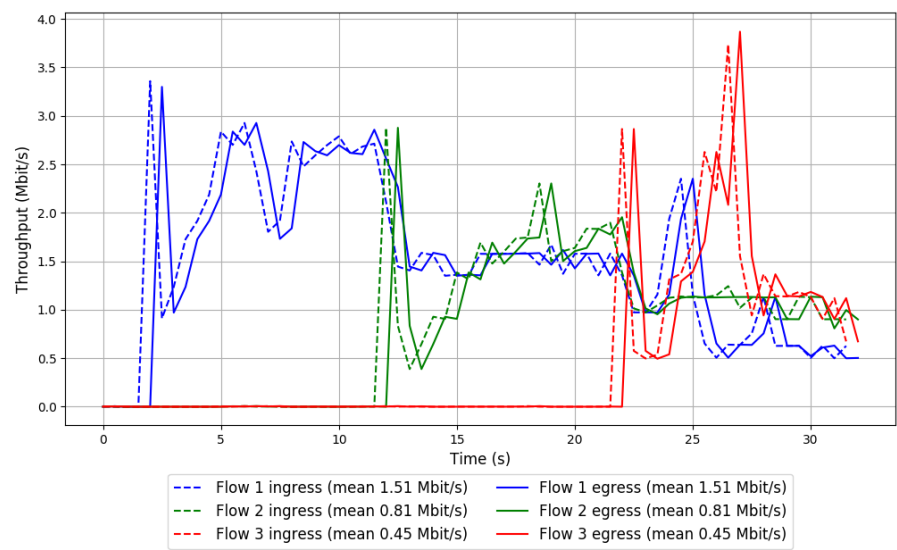


Run 1: Statistics of WebRTC media

Start at: 2018-07-18 09:05:54
End at: 2018-07-18 09:06:24
Local clock offset: -5.668 ms
Remote clock offset: -8.335 ms

Below is generated by plot.py at 2018-07-18 12:42:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.77 Mbit/s
95th percentile per-packet one-way delay: 3.069 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 1.51 Mbit/s
95th percentile per-packet one-way delay: 3.086 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.81 Mbit/s
95th percentile per-packet one-way delay: 2.787 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 3.438 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

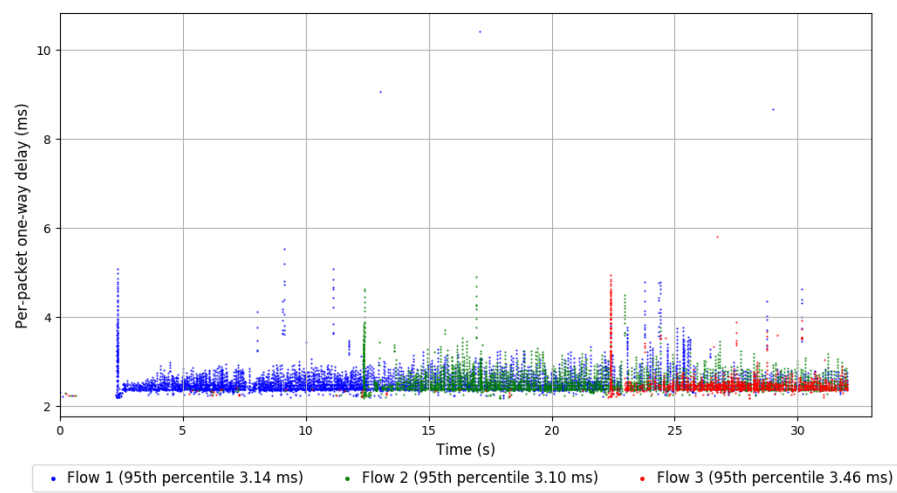
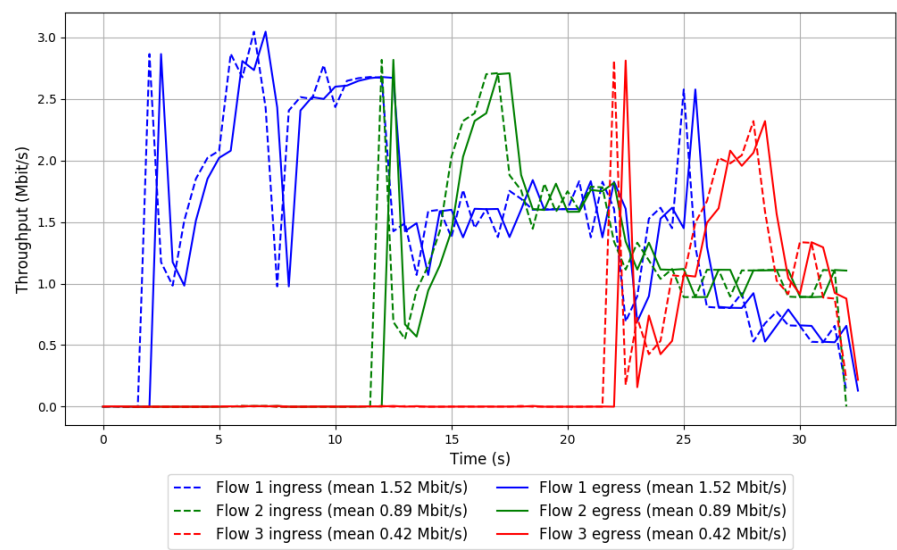


Run 2: Statistics of WebRTC media

Start at: 2018-07-18 09:25:03
End at: 2018-07-18 09:25:33
Local clock offset: -5.77 ms
Remote clock offset: -7.824 ms

Below is generated by plot.py at 2018-07-18 12:42:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.82 Mbit/s
95th percentile per-packet one-way delay: 3.140 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.52 Mbit/s
95th percentile per-packet one-way delay: 3.136 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.89 Mbit/s
95th percentile per-packet one-way delay: 3.099 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 3.455 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2018-07-18 09:44:12

End at: 2018-07-18 09:44:42

Local clock offset: -5.63 ms

Remote clock offset: -7.87 ms

Below is generated by plot.py at 2018-07-18 12:42:36

Datalink statistics

-- Total of 3 flows:

Average throughput: 2.79 Mbit/s

95th percentile per-packet one-way delay: 3.115 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.52 Mbit/s

95th percentile per-packet one-way delay: 3.070 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.84 Mbit/s

95th percentile per-packet one-way delay: 3.004 ms

Loss rate: 0.00%

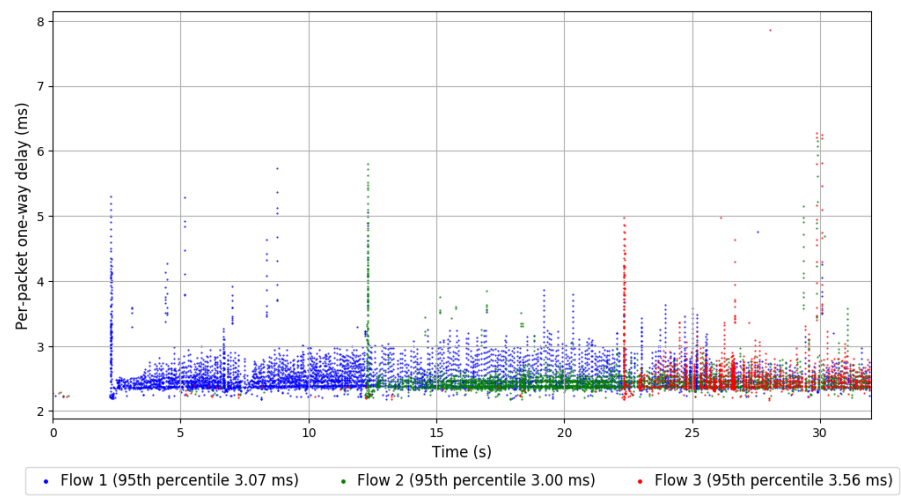
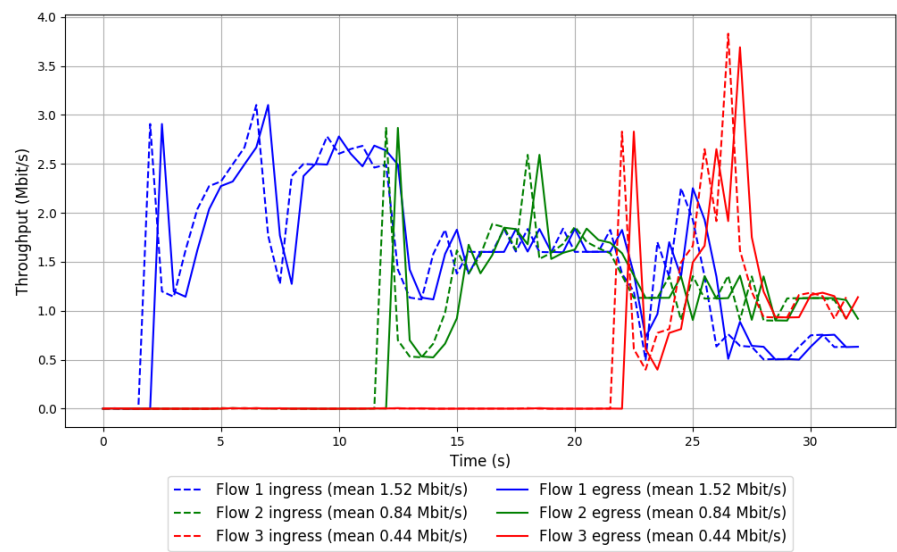
-- Flow 3:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 3.564 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

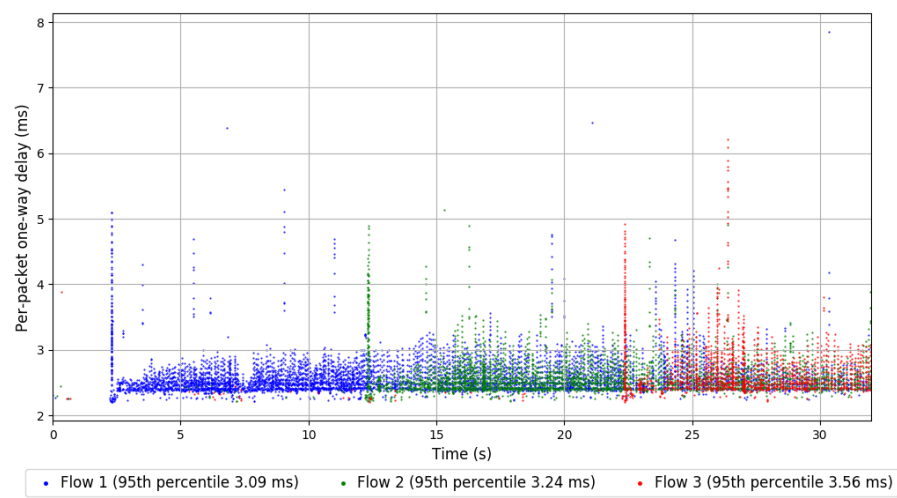
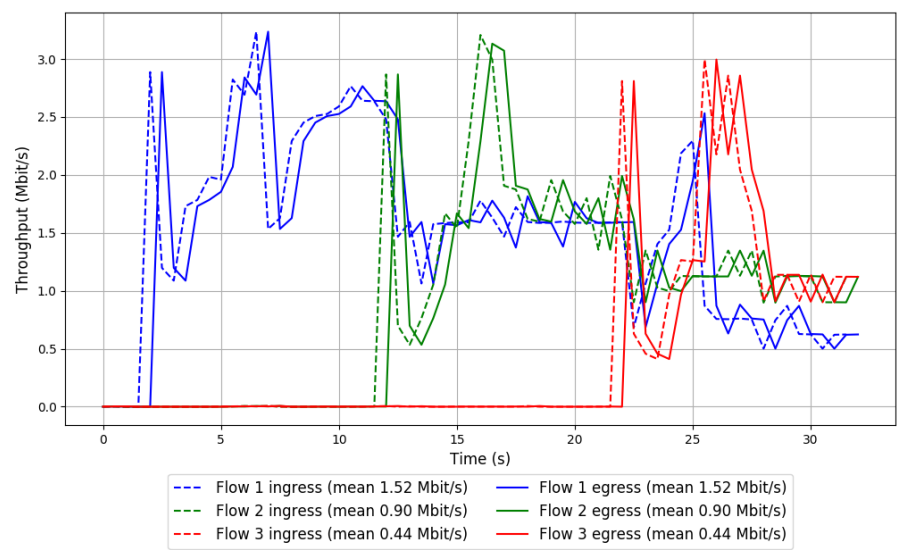


Run 4: Statistics of WebRTC media

Start at: 2018-07-18 10:03:20
End at: 2018-07-18 10:03:50
Local clock offset: -5.805 ms
Remote clock offset: -6.799 ms

Below is generated by plot.py at 2018-07-18 12:42:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.85 Mbit/s
95th percentile per-packet one-way delay: 3.229 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.52 Mbit/s
95th percentile per-packet one-way delay: 3.087 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.90 Mbit/s
95th percentile per-packet one-way delay: 3.241 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 3.558 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

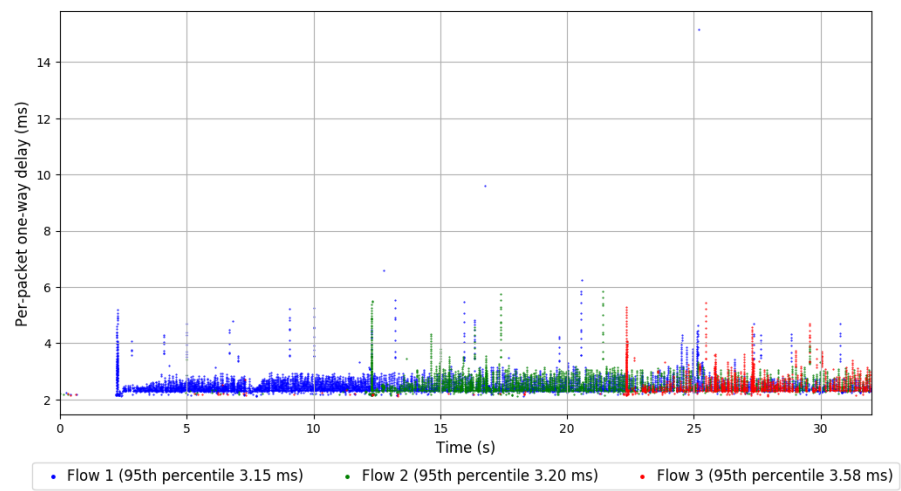
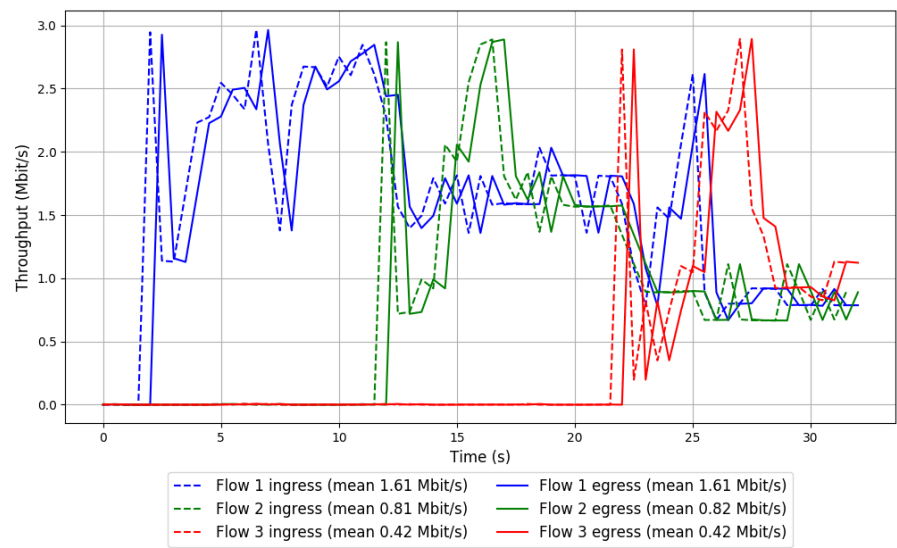


Run 5: Statistics of WebRTC media

Start at: 2018-07-18 10:22:30
End at: 2018-07-18 10:23:00
Local clock offset: -6.02 ms
Remote clock offset: -6.606 ms

Below is generated by plot.py at 2018-07-18 12:42:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.82 Mbit/s
95th percentile per-packet one-way delay: 3.297 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.61 Mbit/s
95th percentile per-packet one-way delay: 3.145 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.82 Mbit/s
95th percentile per-packet one-way delay: 3.204 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 3.579 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

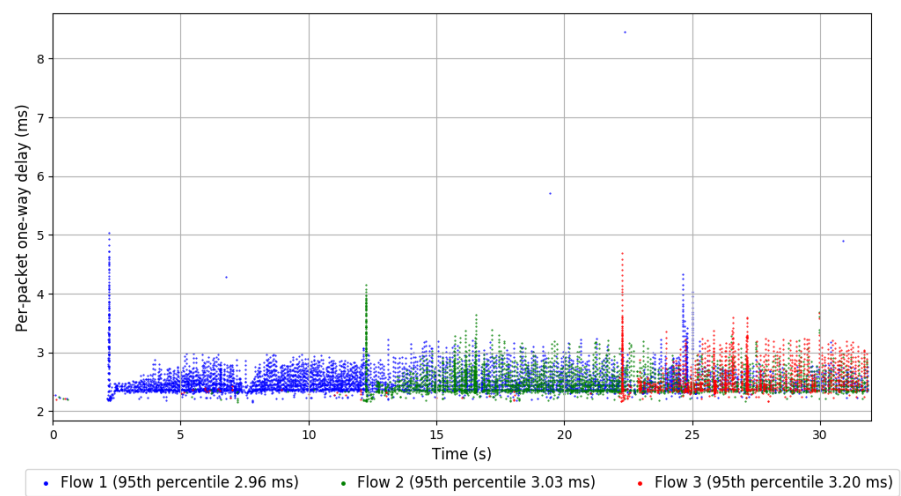
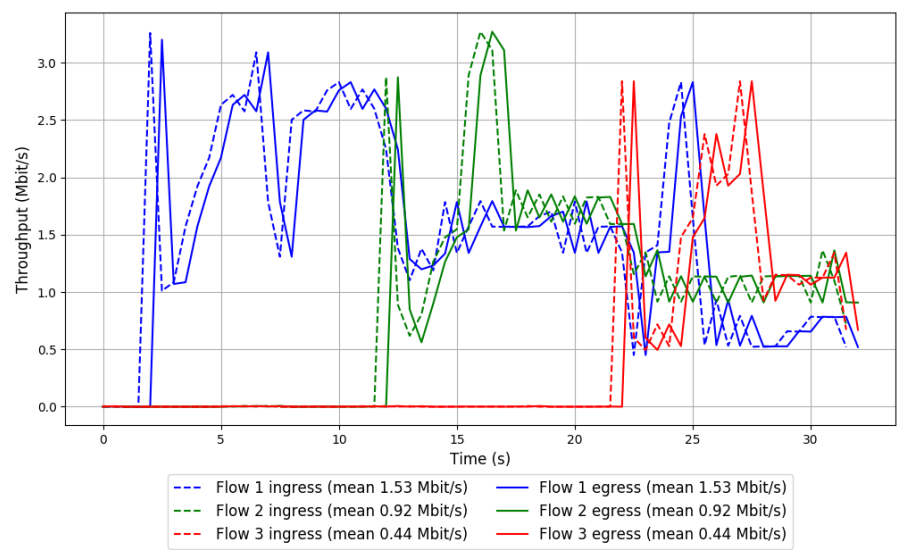


Run 6: Statistics of WebRTC media

Start at: 2018-07-18 10:41:40
End at: 2018-07-18 10:42:10
Local clock offset: -6.227 ms
Remote clock offset: -6.503 ms

Below is generated by plot.py at 2018-07-18 12:42:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.88 Mbit/s
95th percentile per-packet one-way delay: 3.048 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.53 Mbit/s
95th percentile per-packet one-way delay: 2.956 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.92 Mbit/s
95th percentile per-packet one-way delay: 3.026 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 3.197 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

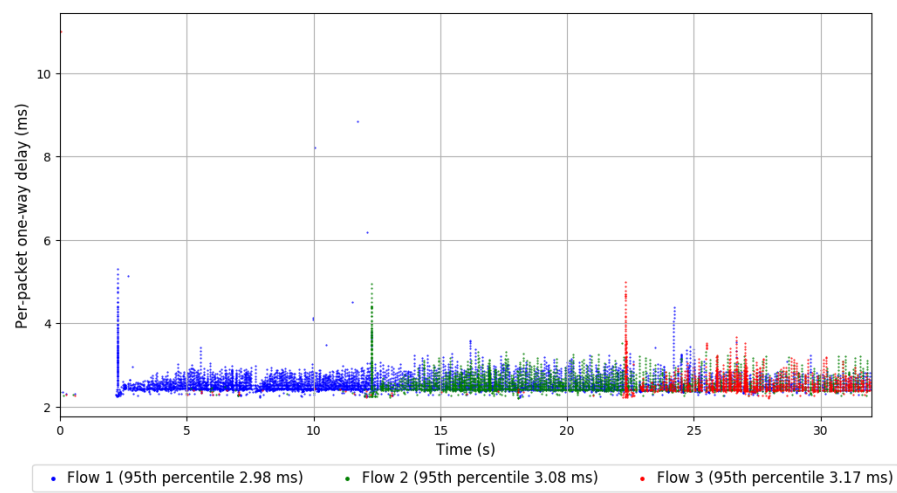
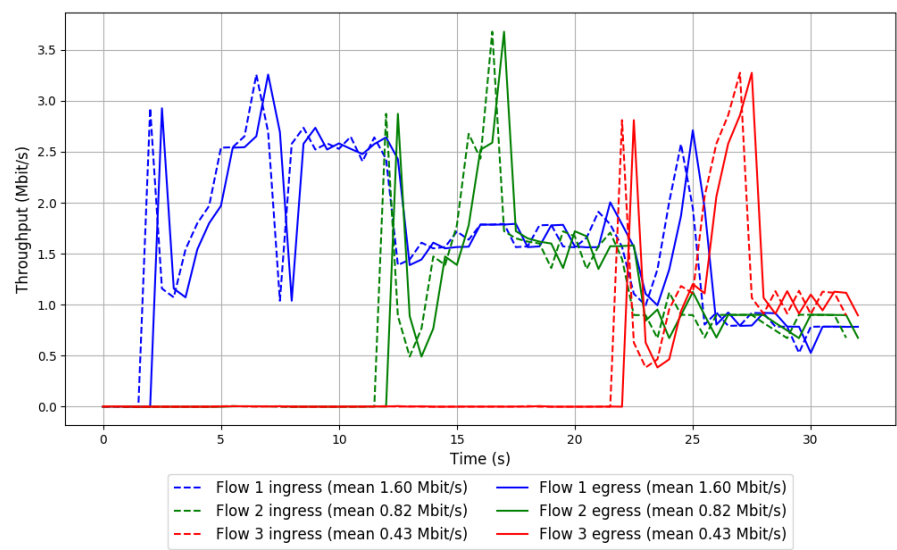


Run 7: Statistics of WebRTC media

Start at: 2018-07-18 11:00:51
End at: 2018-07-18 11:01:21
Local clock offset: -6.029 ms
Remote clock offset: -7.081 ms

Below is generated by plot.py at 2018-07-18 12:42:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.84 Mbit/s
95th percentile per-packet one-way delay: 3.044 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.60 Mbit/s
95th percentile per-packet one-way delay: 2.977 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.82 Mbit/s
95th percentile per-packet one-way delay: 3.081 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 3.168 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

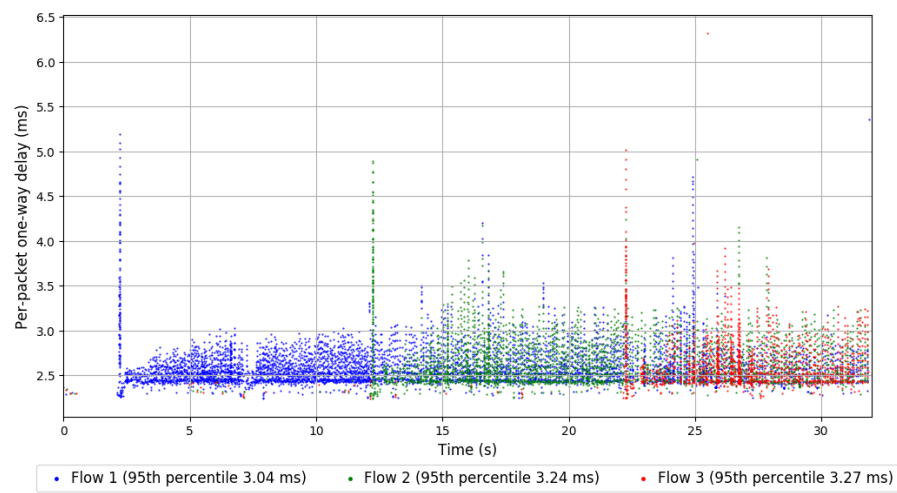
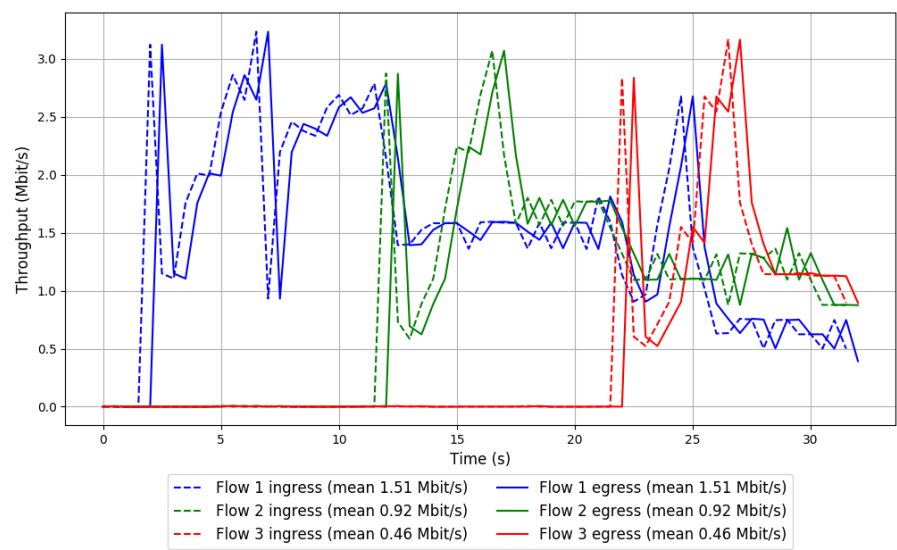


Run 8: Statistics of WebRTC media

Start at: 2018-07-18 11:20:01
End at: 2018-07-18 11:20:31
Local clock offset: -5.785 ms
Remote clock offset: -7.539 ms

Below is generated by plot.py at 2018-07-18 12:42:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.88 Mbit/s
95th percentile per-packet one-way delay: 3.153 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 1.51 Mbit/s
95th percentile per-packet one-way delay: 3.038 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 0.92 Mbit/s
95th percentile per-packet one-way delay: 3.236 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 3.267 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

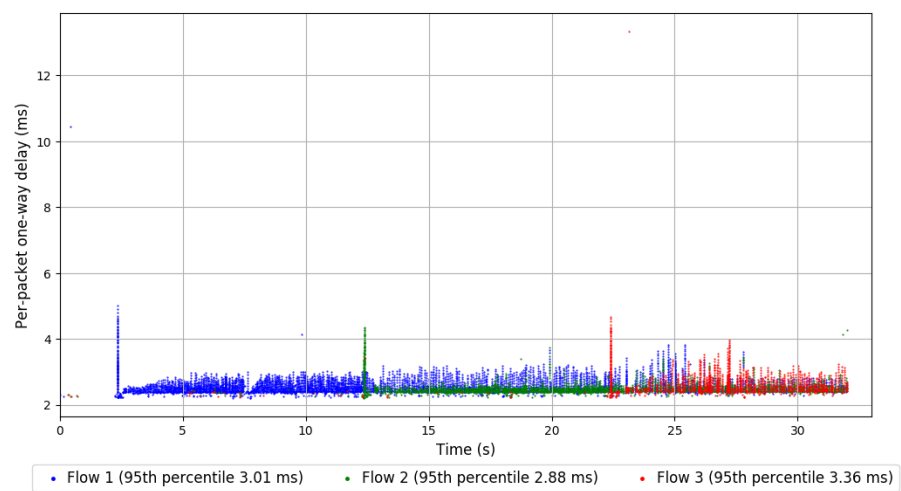
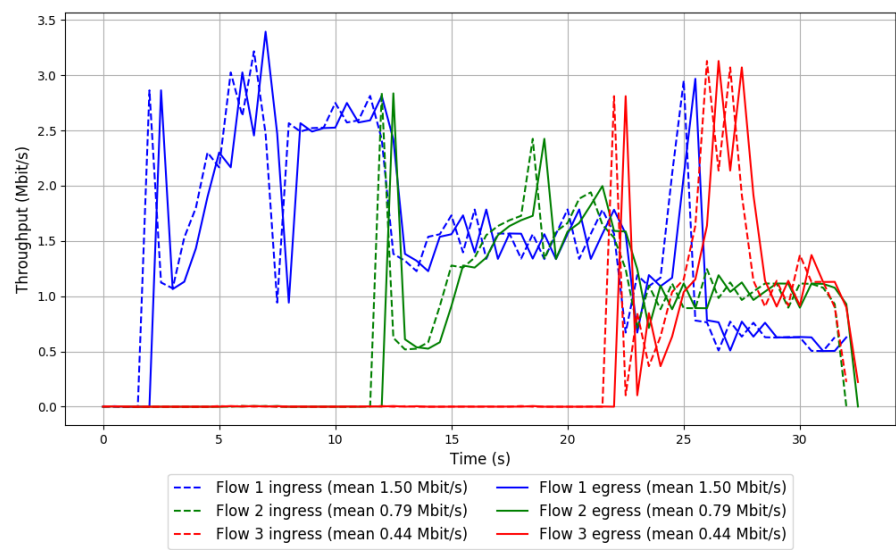


Run 9: Statistics of WebRTC media

Start at: 2018-07-18 11:39:11
End at: 2018-07-18 11:39:41
Local clock offset: -5.617 ms
Remote clock offset: -6.494 ms

Below is generated by plot.py at 2018-07-18 12:42:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.72 Mbit/s
95th percentile per-packet one-way delay: 3.063 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: 3.012 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.79 Mbit/s
95th percentile per-packet one-way delay: 2.877 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 3.362 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-07-18 11:58:22
End at: 2018-07-18 11:58:52
Local clock offset: -5.611 ms
Remote clock offset: -6.063 ms

Below is generated by plot.py at 2018-07-18 12:42:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.80 Mbit/s
95th percentile per-packet one-way delay: 3.137 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.53 Mbit/s
95th percentile per-packet one-way delay: 3.119 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.89 Mbit/s
95th percentile per-packet one-way delay: 3.188 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 2.978 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

