

Pantheon Report

Generated at 2018-07-25 11:12:31 (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.

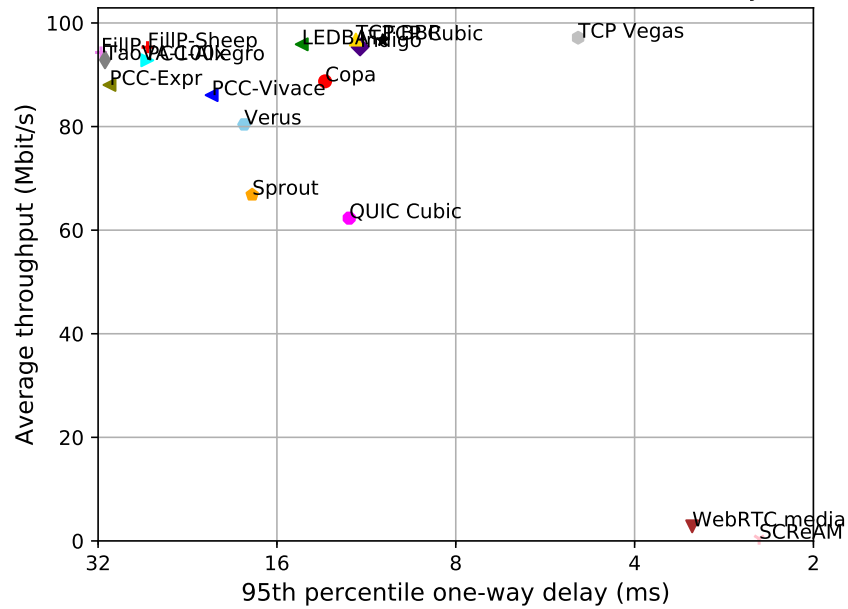
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

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

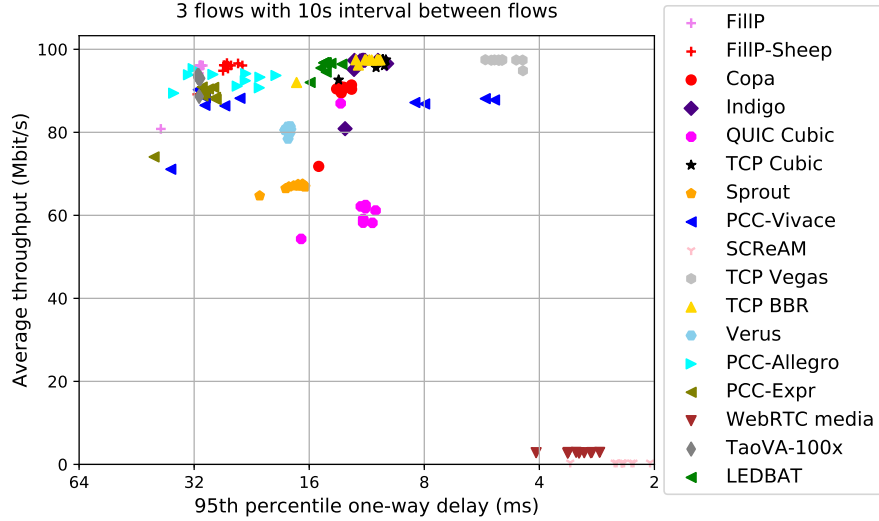
Git summary:

```
branch: master @ 640164b5b17c7c6561fff57729b3b5935d8596ce
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ daed0c84f98531712514b2231f43ec6901114ffe
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf5e58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecd90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quic @ 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



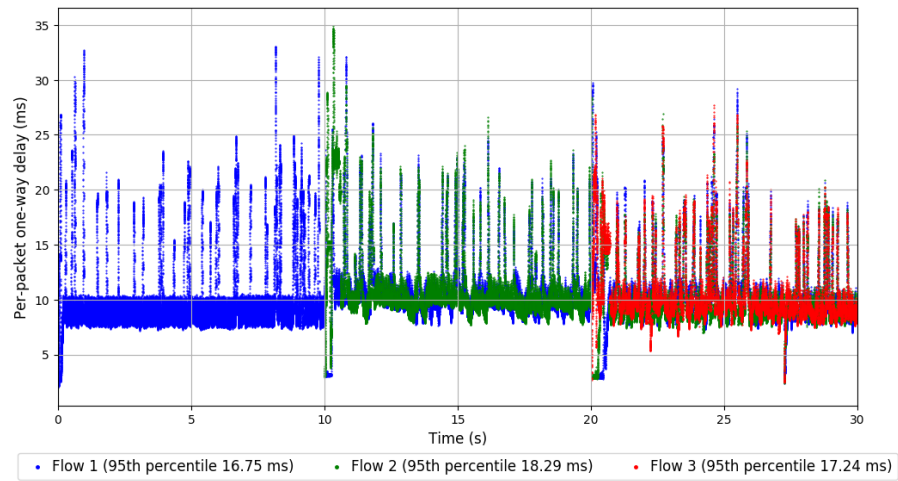
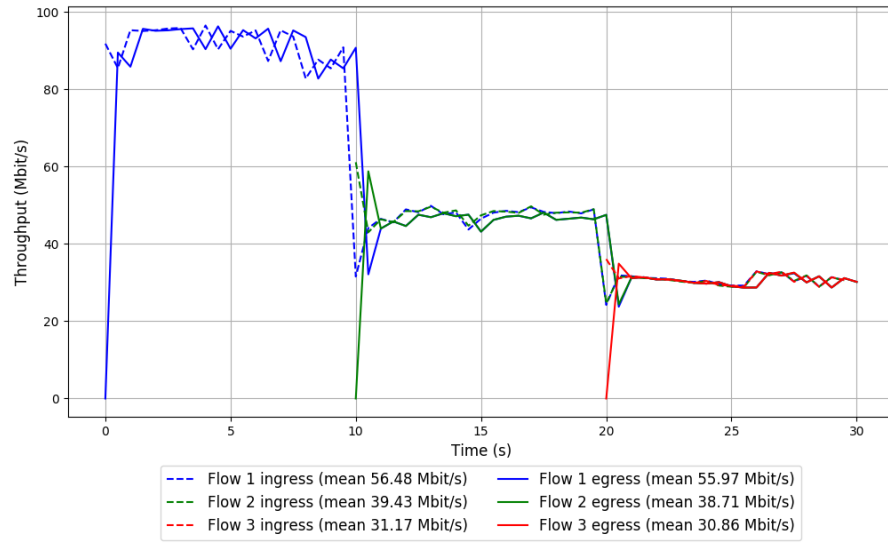
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	59.36	40.25	32.01	11.40	12.40	13.31	0.39	0.90	1.40
Copa	10	52.54	38.98	30.81	12.76	13.43	15.02	0.03	0.07	0.16
TCP Cubic	10	59.17	40.28	32.15	10.41	10.67	10.95	0.08	0.14	0.23
FillP	10	58.28	39.02	30.32	30.52	31.88	33.06	1.72	3.56	3.84
FillP-Sheep	10	58.38	39.70	31.75	24.58	28.40	26.75	1.21	1.51	1.06
Indigo	10	58.34	39.92	31.86	10.04	12.40	10.82	0.03	1.71	0.80
LEDBAT	10	58.70	39.99	31.78	14.23	14.94	13.88	0.12	0.20	0.37
PCC-Allegro	10	68.01	25.87	23.07	25.84	23.16	10.83	2.24	1.31	0.15
PCC-Expr	10	54.30	35.92	29.85	27.71	30.66	31.52	0.36	0.37	0.56
QUIC Cubic	10	6.02	63.44	45.66	3.55	12.06	12.13	0.02	0.14	0.33
SCReAM	10	0.22	0.22	0.22	2.47	2.46	2.45	0.00	0.00	0.14
Sprout	10	34.77	33.28	30.20	15.57	17.65	20.57	0.06	0.05	0.21
TaoVA-100x	10	55.94	39.60	31.79	31.00	31.19	31.70	0.33	0.69	1.78
TCP Vegas	10	53.62	48.03	34.76	4.97	4.72	5.39	0.01	0.02	0.07
Verus	10	47.17	35.17	29.60	15.79	19.50	24.14	0.02	0.07	0.11
PCC-Vivace	10	55.62	32.94	25.90	11.61	20.33	22.68	0.14	0.54	0.98
WebRTC media	10	1.54	0.87	0.42	3.13	3.20	3.48	0.01	0.03	0.10

Run 1: Statistics of TCP BBR

Start at: 2018-07-25 07:37:26
End at: 2018-07-25 07:37:56
Local clock offset: -5.648 ms
Remote clock offset: -6.586 ms

Below is generated by plot.py at 2018-07-25 10:48:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.01 Mbit/s
95th percentile per-packet one-way delay: 17.267 ms
Loss rate: 1.19%
-- Flow 1:
Average throughput: 55.97 Mbit/s
95th percentile per-packet one-way delay: 16.745 ms
Loss rate: 0.91%
-- Flow 2:
Average throughput: 38.71 Mbit/s
95th percentile per-packet one-way delay: 18.289 ms
Loss rate: 1.86%
-- Flow 3:
Average throughput: 30.86 Mbit/s
95th percentile per-packet one-way delay: 17.241 ms
Loss rate: 1.03%

Run 1: Report of TCP BBR — Data Link

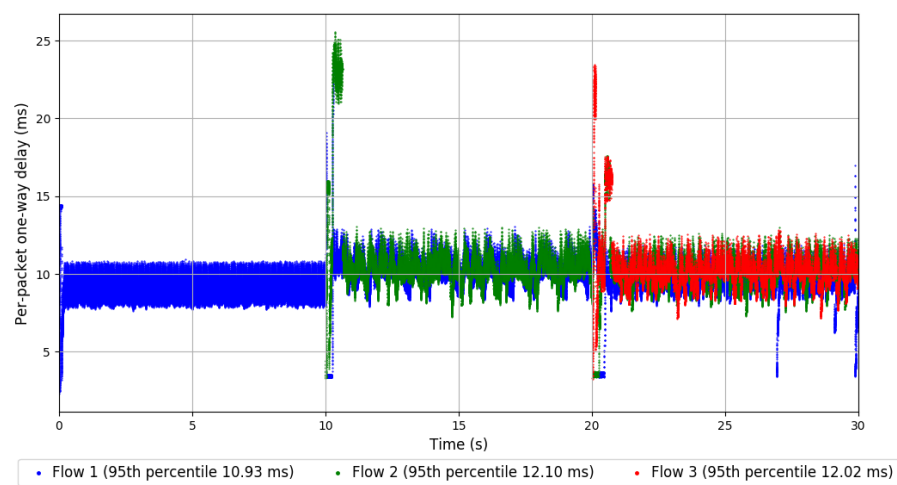
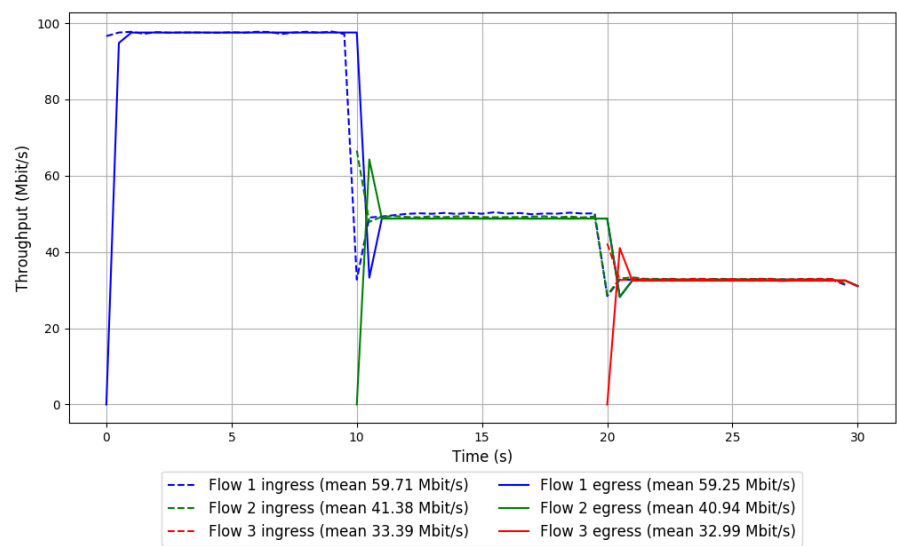


Run 2: Statistics of TCP BBR

Start at: 2018-07-25 07:56:35
End at: 2018-07-25 07:57:05
Local clock offset: -2.007 ms
Remote clock offset: -5.354 ms

Below is generated by plot.py at 2018-07-25 10:49:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 11.440 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 59.25 Mbit/s
95th percentile per-packet one-way delay: 10.932 ms
Loss rate: 0.80%
-- Flow 2:
Average throughput: 40.94 Mbit/s
95th percentile per-packet one-way delay: 12.099 ms
Loss rate: 1.09%
-- Flow 3:
Average throughput: 32.99 Mbit/s
95th percentile per-packet one-way delay: 12.022 ms
Loss rate: 1.24%

Run 2: Report of TCP BBR — Data Link

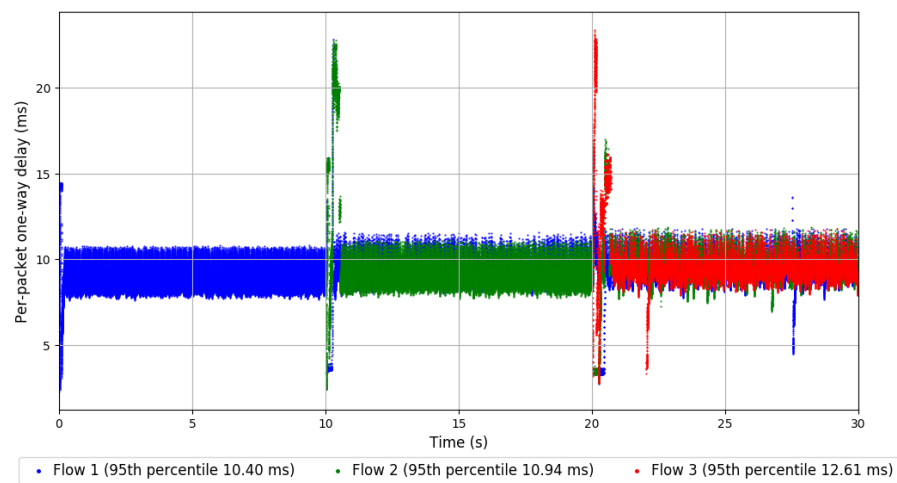
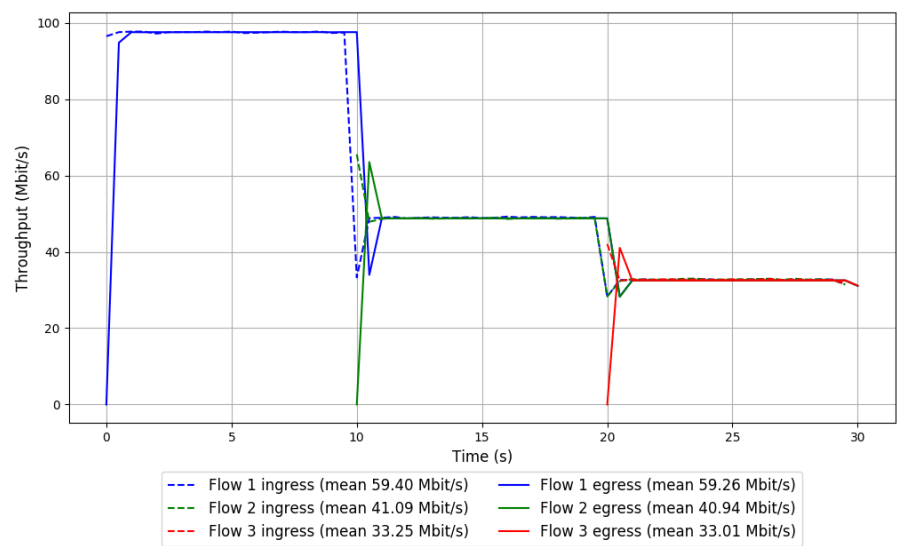


Run 3: Statistics of TCP BBR

Start at: 2018-07-25 08:15:45
End at: 2018-07-25 08:16:15
Local clock offset: -1.646 ms
Remote clock offset: -2.367 ms

Below is generated by plot.py at 2018-07-25 10:49:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 10.635 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 59.26 Mbit/s
95th percentile per-packet one-way delay: 10.401 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 40.94 Mbit/s
95th percentile per-packet one-way delay: 10.943 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 33.01 Mbit/s
95th percentile per-packet one-way delay: 12.610 ms
Loss rate: 0.77%

Run 3: Report of TCP BBR — Data Link

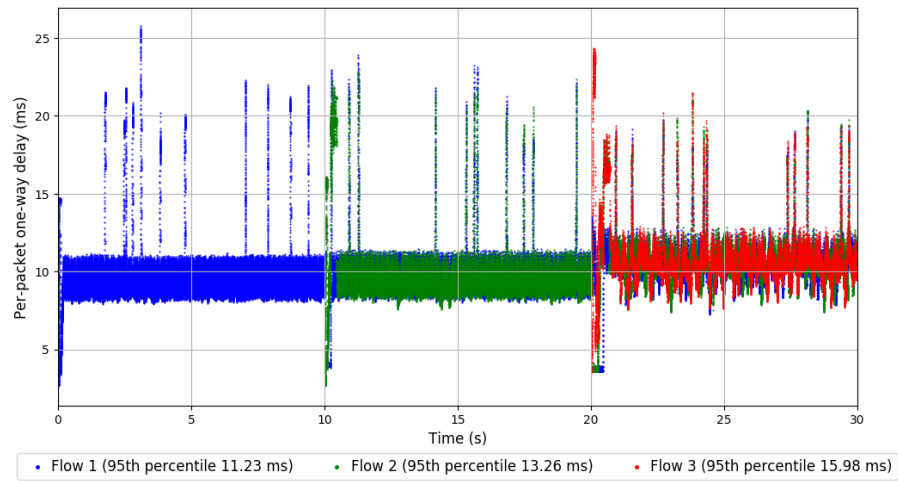
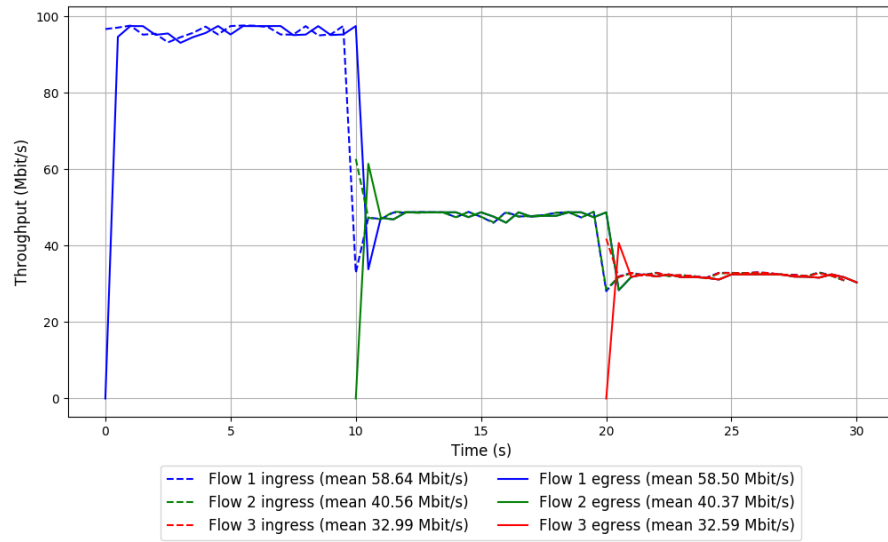


Run 4: Statistics of TCP BBR

Start at: 2018-07-25 08:34:55
End at: 2018-07-25 08:35:25
Local clock offset: -3.166 ms
Remote clock offset: -4.596 ms

Below is generated by plot.py at 2018-07-25 10:49:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.20 Mbit/s
95th percentile per-packet one-way delay: 11.899 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 58.50 Mbit/s
95th percentile per-packet one-way delay: 11.235 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 40.37 Mbit/s
95th percentile per-packet one-way delay: 13.264 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 32.59 Mbit/s
95th percentile per-packet one-way delay: 15.979 ms
Loss rate: 1.25%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-07-25 08:54:05

End at: 2018-07-25 08:54:35

Local clock offset: -7.513 ms

Remote clock offset: -6.97 ms

Below is generated by plot.py at 2018-07-25 10:49:03

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.49 Mbit/s

95th percentile per-packet one-way delay: 12.083 ms

Loss rate: 1.49%

-- Flow 1:

Average throughput: 64.48 Mbit/s

95th percentile per-packet one-way delay: 11.354 ms

Loss rate: 0.48%

-- Flow 2:

Average throughput: 36.99 Mbit/s

95th percentile per-packet one-way delay: 12.675 ms

Loss rate: 2.58%

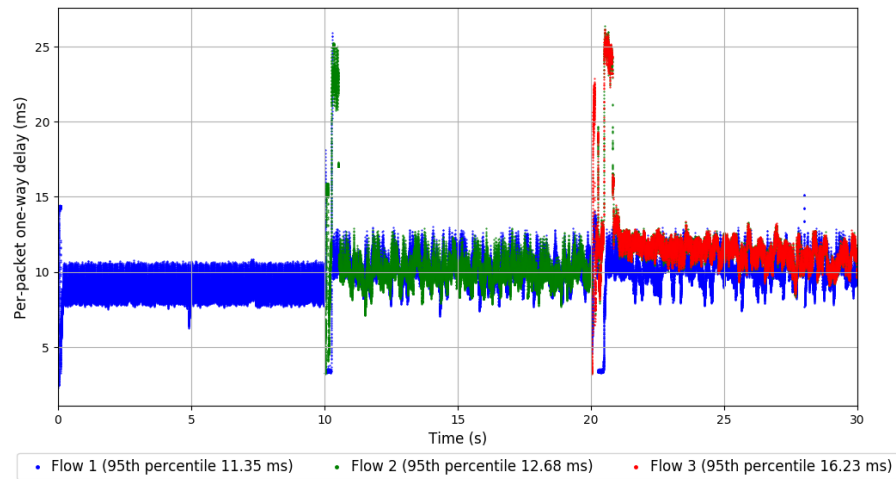
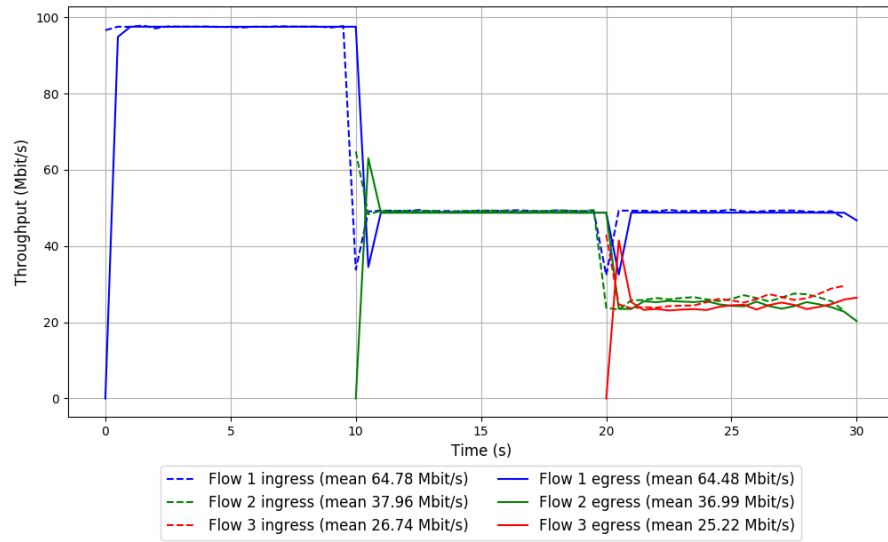
-- Flow 3:

Average throughput: 25.22 Mbit/s

95th percentile per-packet one-way delay: 16.228 ms

Loss rate: 5.74%

Run 5: Report of TCP BBR — Data Link

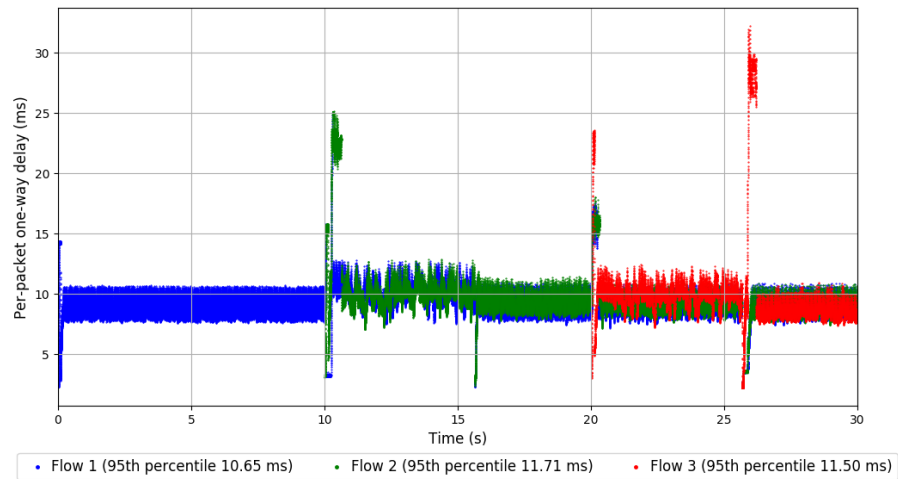
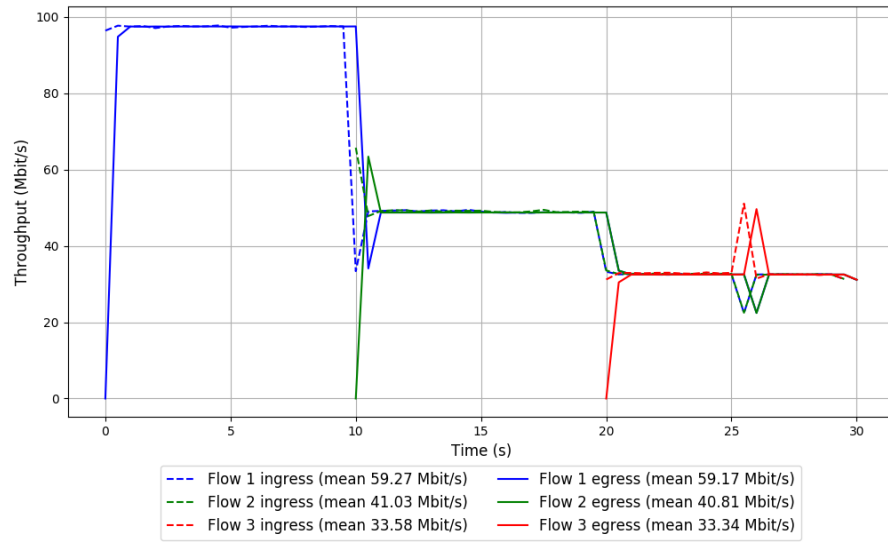


Run 6: Statistics of TCP BBR

Start at: 2018-07-25 09:13:16
End at: 2018-07-25 09:13:46
Local clock offset: -3.619 ms
Remote clock offset: -7.001 ms

Below is generated by plot.py at 2018-07-25 10:49:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.42 Mbit/s
95th percentile per-packet one-way delay: 10.986 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 59.17 Mbit/s
95th percentile per-packet one-way delay: 10.650 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 40.81 Mbit/s
95th percentile per-packet one-way delay: 11.705 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 33.34 Mbit/s
95th percentile per-packet one-way delay: 11.504 ms
Loss rate: 0.78%

Run 6: Report of TCP BBR — Data Link

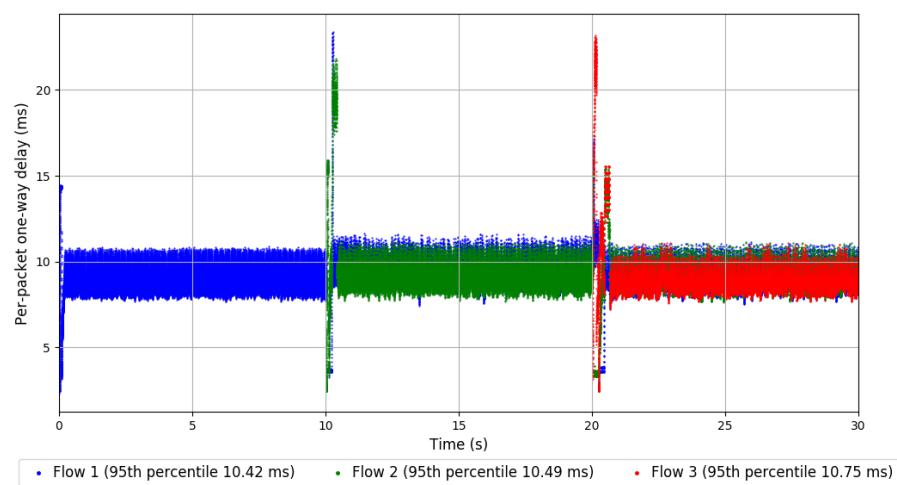
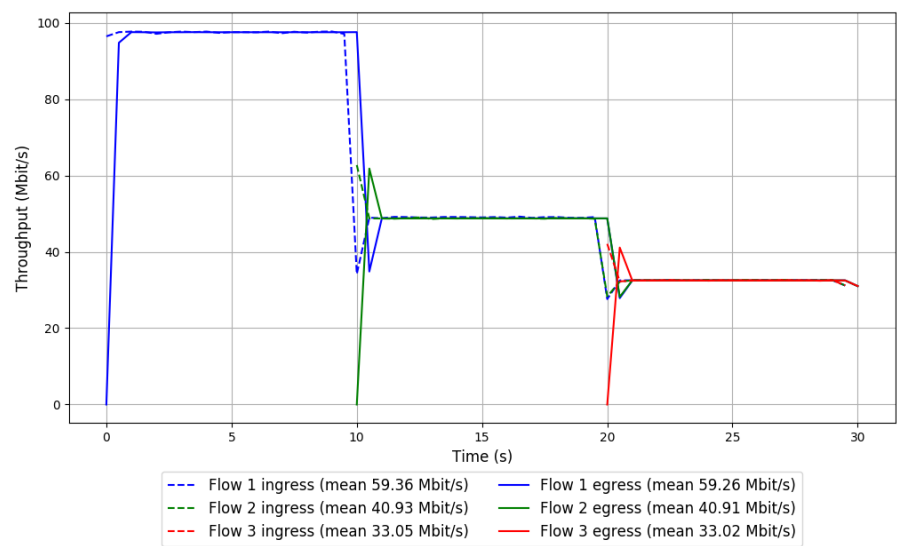


Run 7: Statistics of TCP BBR

Start at: 2018-07-25 09:32:27
End at: 2018-07-25 09:32:57
Local clock offset: -1.962 ms
Remote clock offset: -7.047 ms

Below is generated by plot.py at 2018-07-25 10:49:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 10.446 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 59.26 Mbit/s
95th percentile per-packet one-way delay: 10.419 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 40.91 Mbit/s
95th percentile per-packet one-way delay: 10.492 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 33.02 Mbit/s
95th percentile per-packet one-way delay: 10.748 ms
Loss rate: 0.15%

Run 7: Report of TCP BBR — Data Link

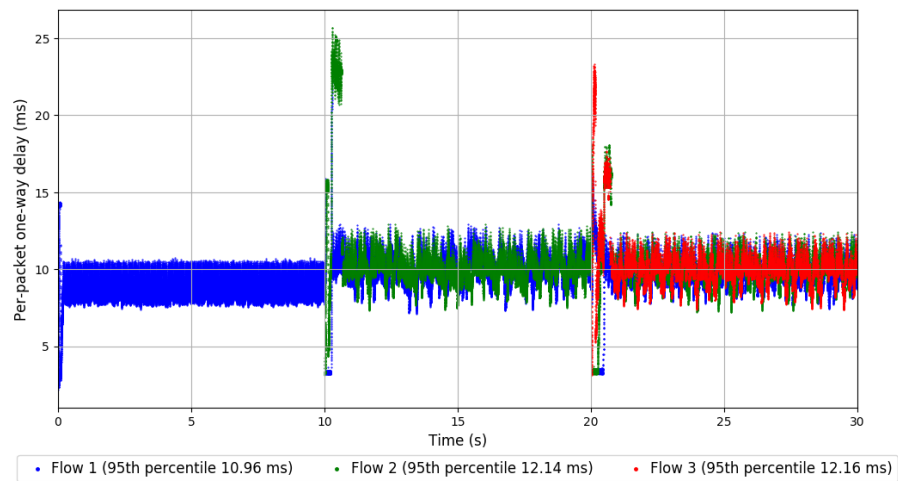
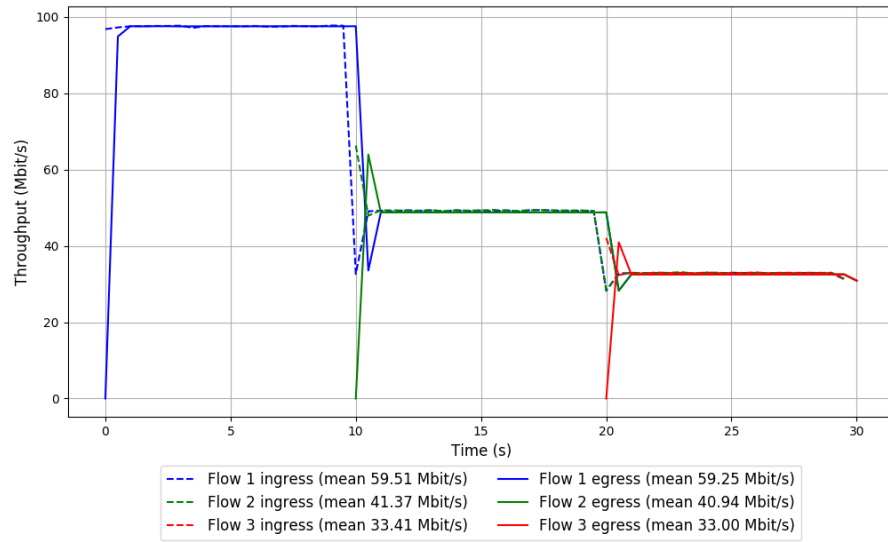


Run 8: Statistics of TCP BBR

Start at: 2018-07-25 09:51:37
End at: 2018-07-25 09:52:07
Local clock offset: -2.268 ms
Remote clock offset: -3.411 ms

Below is generated by plot.py at 2018-07-25 10:49:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 11.358 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 59.25 Mbit/s
95th percentile per-packet one-way delay: 10.963 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 40.94 Mbit/s
95th percentile per-packet one-way delay: 12.141 ms
Loss rate: 1.08%
-- Flow 3:
Average throughput: 33.00 Mbit/s
95th percentile per-packet one-way delay: 12.163 ms
Loss rate: 1.28%

Run 8: Report of TCP BBR — Data Link

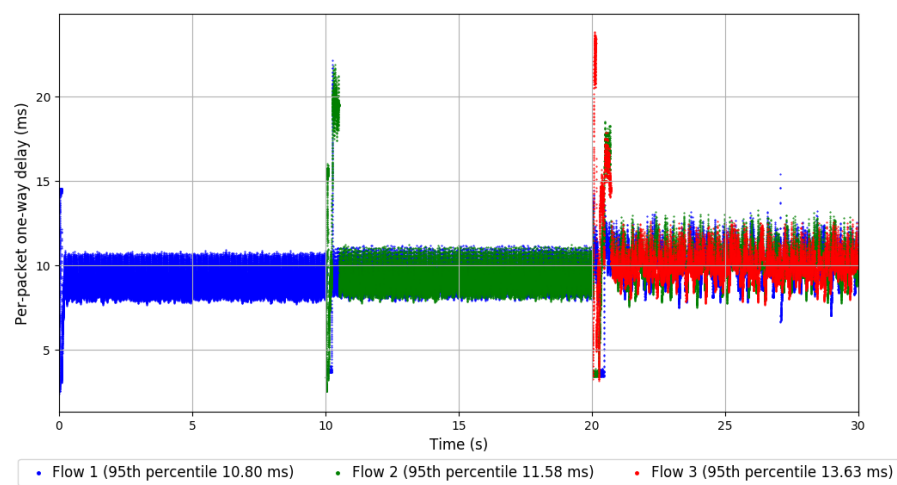
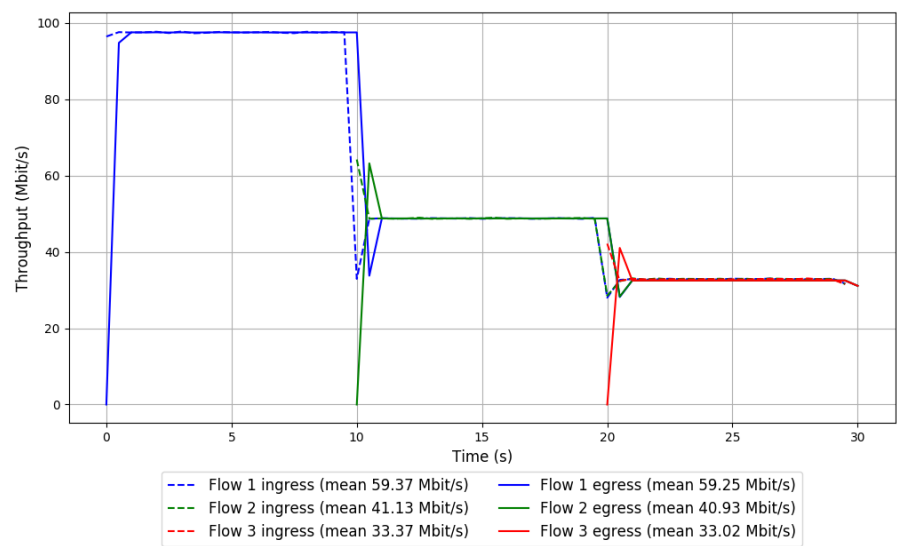


Run 9: Statistics of TCP BBR

Start at: 2018-07-25 10:10:48
End at: 2018-07-25 10:11:18
Local clock offset: -5.441 ms
Remote clock offset: -2.141 ms

Below is generated by plot.py at 2018-07-25 10:49:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 11.144 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 59.25 Mbit/s
95th percentile per-packet one-way delay: 10.801 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 40.93 Mbit/s
95th percentile per-packet one-way delay: 11.580 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 33.02 Mbit/s
95th percentile per-packet one-way delay: 13.630 ms
Loss rate: 1.10%

Run 9: Report of TCP BBR — Data Link

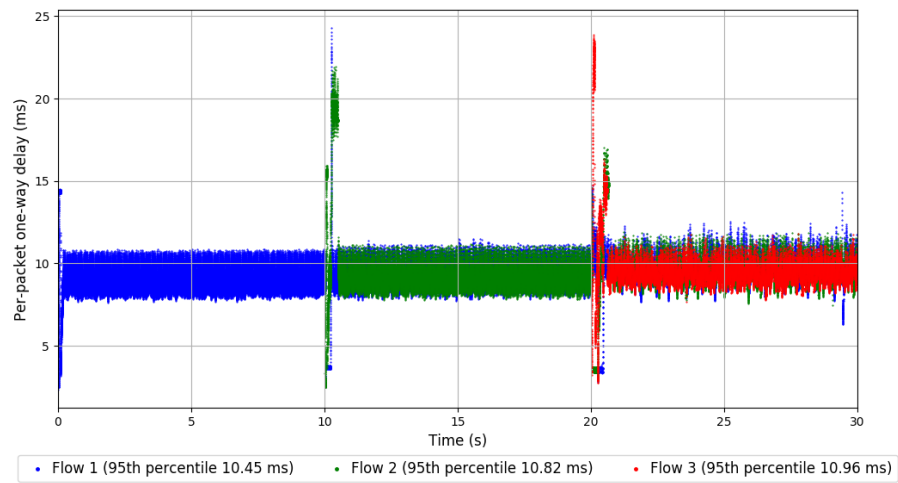
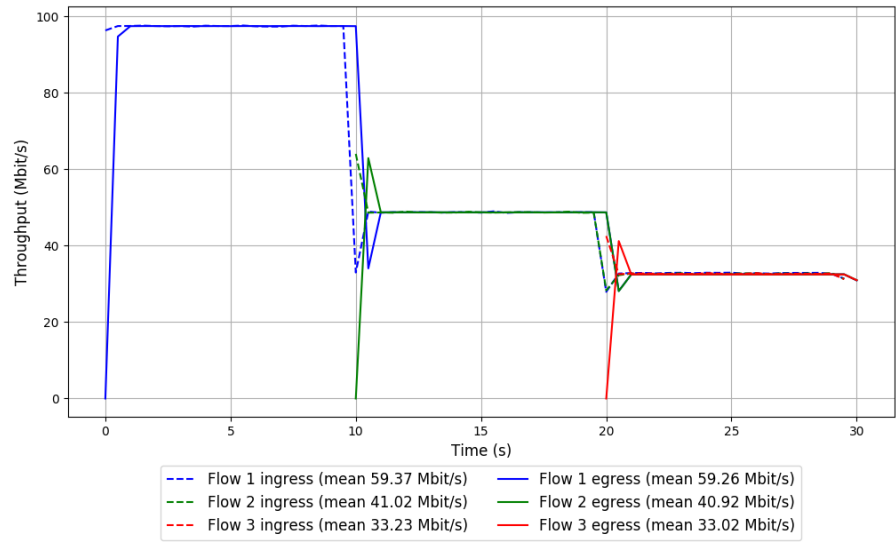


Run 10: Statistics of TCP BBR

Start at: 2018-07-25 10:29:58
End at: 2018-07-25 10:30:28
Local clock offset: -7.701 ms
Remote clock offset: -2.699 ms

Below is generated by plot.py at 2018-07-25 10:49:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 10.573 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 59.26 Mbit/s
95th percentile per-packet one-way delay: 10.451 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 40.92 Mbit/s
95th percentile per-packet one-way delay: 10.823 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 33.02 Mbit/s
95th percentile per-packet one-way delay: 10.959 ms
Loss rate: 0.69%

Run 10: Report of TCP BBR — Data Link

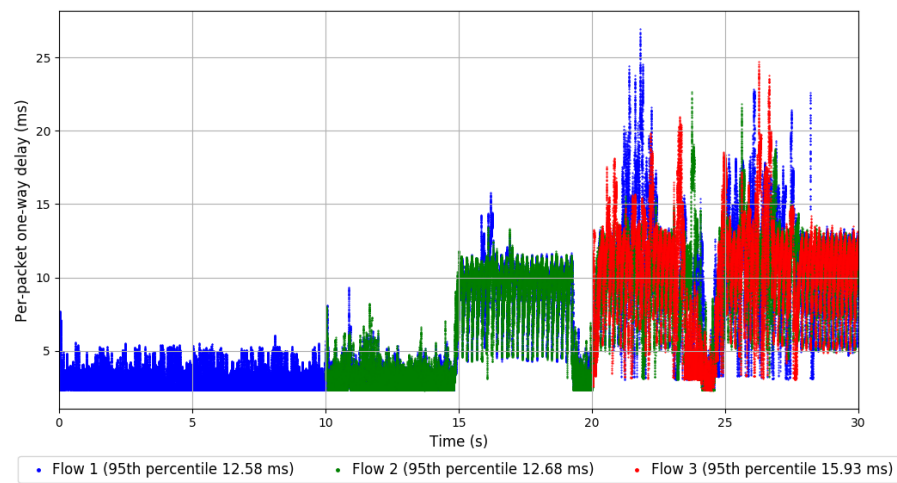
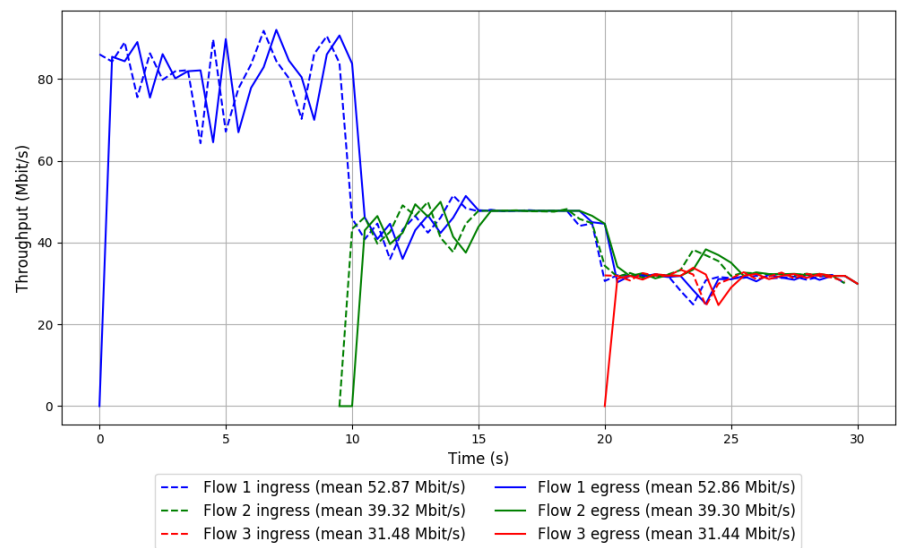


Run 1: Statistics of Copa

Start at: 2018-07-25 07:48:40
End at: 2018-07-25 07:49:10
Local clock offset: -2.86 ms
Remote clock offset: -6.498 ms

Below is generated by plot.py at 2018-07-25 10:50:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.50 Mbit/s
95th percentile per-packet one-way delay: 13.194 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 52.86 Mbit/s
95th percentile per-packet one-way delay: 12.582 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 39.30 Mbit/s
95th percentile per-packet one-way delay: 12.679 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 31.44 Mbit/s
95th percentile per-packet one-way delay: 15.932 ms
Loss rate: 0.17%

Run 1: Report of Copa — Data Link

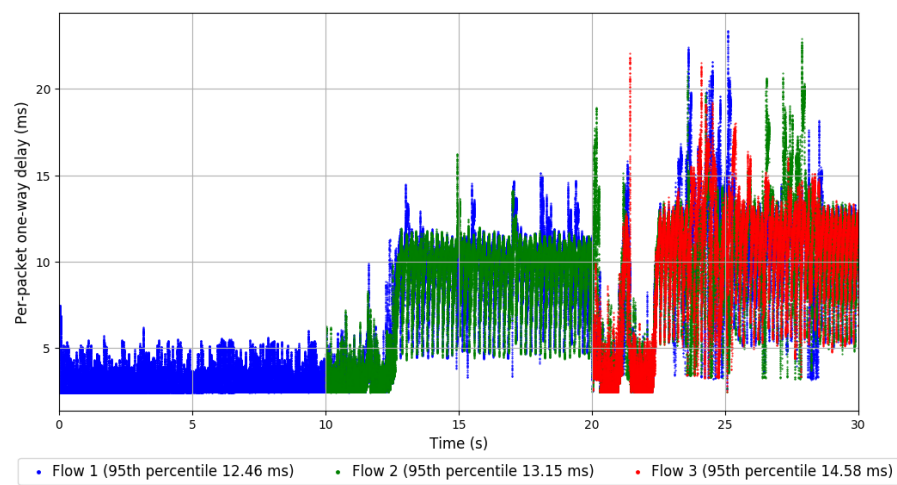
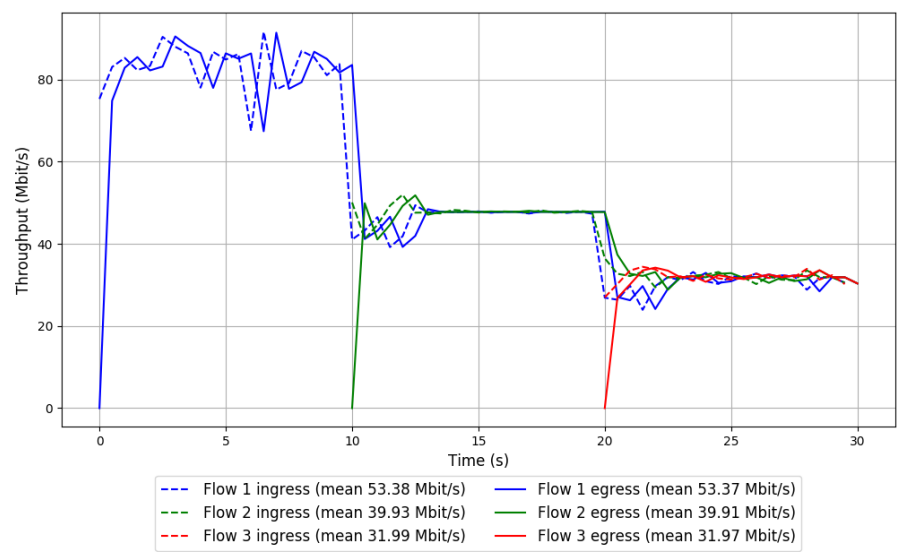


Run 2: Statistics of Copa

Start at: 2018-07-25 08:07:50
End at: 2018-07-25 08:08:20
Local clock offset: -1.737 ms
Remote clock offset: -3.141 ms

Below is generated by plot.py at 2018-07-25 10:50:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.57 Mbit/s
95th percentile per-packet one-way delay: 12.987 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 53.37 Mbit/s
95th percentile per-packet one-way delay: 12.463 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 39.91 Mbit/s
95th percentile per-packet one-way delay: 13.151 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 31.97 Mbit/s
95th percentile per-packet one-way delay: 14.580 ms
Loss rate: 0.12%

Run 2: Report of Copa — Data Link

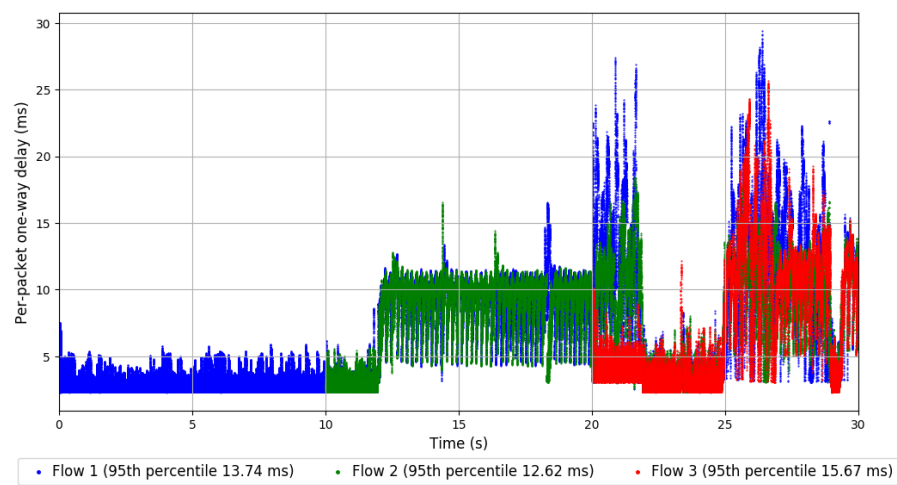
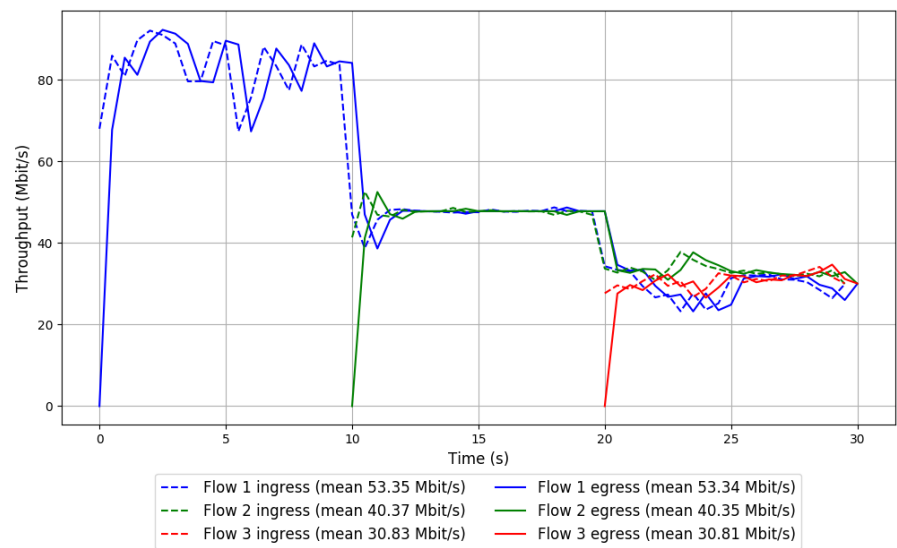


Run 3: Statistics of Copa

Start at: 2018-07-25 08:27:00
End at: 2018-07-25 08:27:30
Local clock offset: -1.429 ms
Remote clock offset: -1.547 ms

Below is generated by plot.py at 2018-07-25 10:50:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.46 Mbit/s
95th percentile per-packet one-way delay: 13.569 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 53.34 Mbit/s
95th percentile per-packet one-way delay: 13.744 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 40.35 Mbit/s
95th percentile per-packet one-way delay: 12.625 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 30.81 Mbit/s
95th percentile per-packet one-way delay: 15.669 ms
Loss rate: 0.13%

Run 3: Report of Copa — Data Link

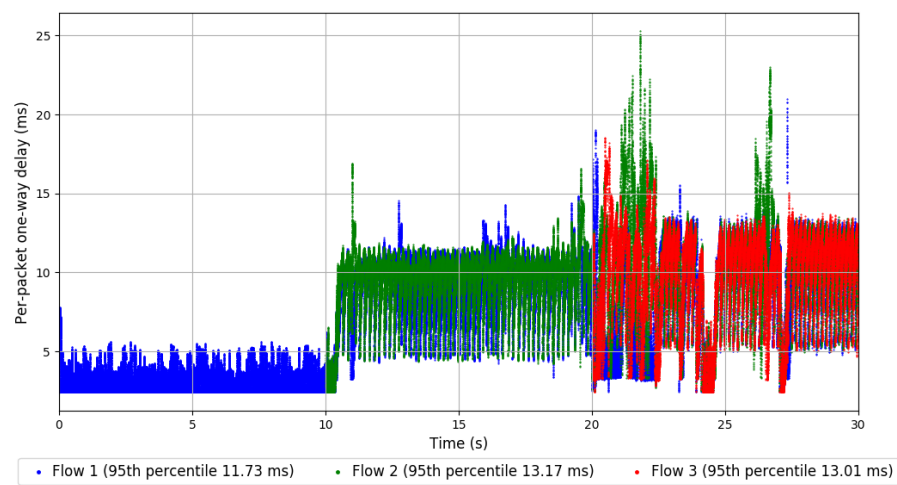
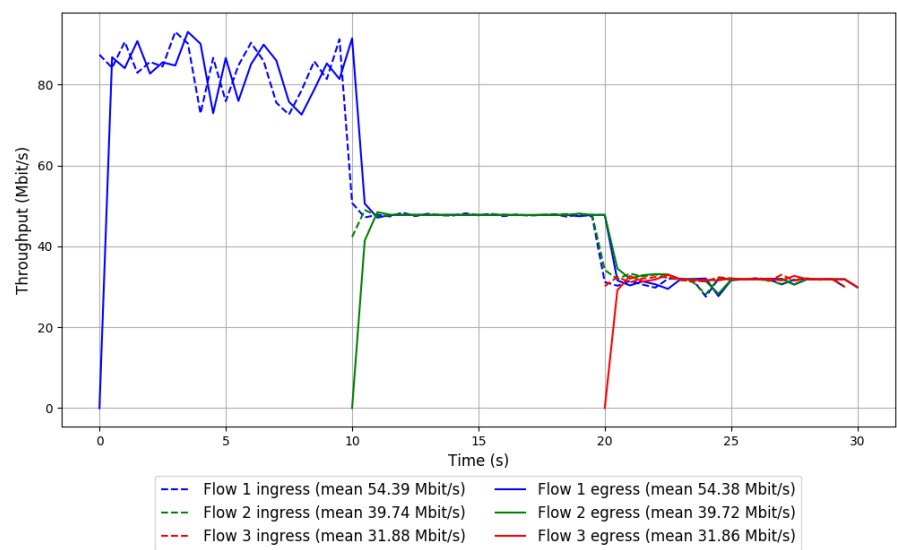


Run 4: Statistics of Copa

Start at: 2018-07-25 08:46:10
End at: 2018-07-25 08:46:40
Local clock offset: -6.505 ms
Remote clock offset: -6.426 ms

Below is generated by plot.py at 2018-07-25 10:50:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.40 Mbit/s
95th percentile per-packet one-way delay: 12.402 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 54.38 Mbit/s
95th percentile per-packet one-way delay: 11.732 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 39.72 Mbit/s
95th percentile per-packet one-way delay: 13.173 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 31.86 Mbit/s
95th percentile per-packet one-way delay: 13.005 ms
Loss rate: 0.13%

Run 4: Report of Copa — Data Link

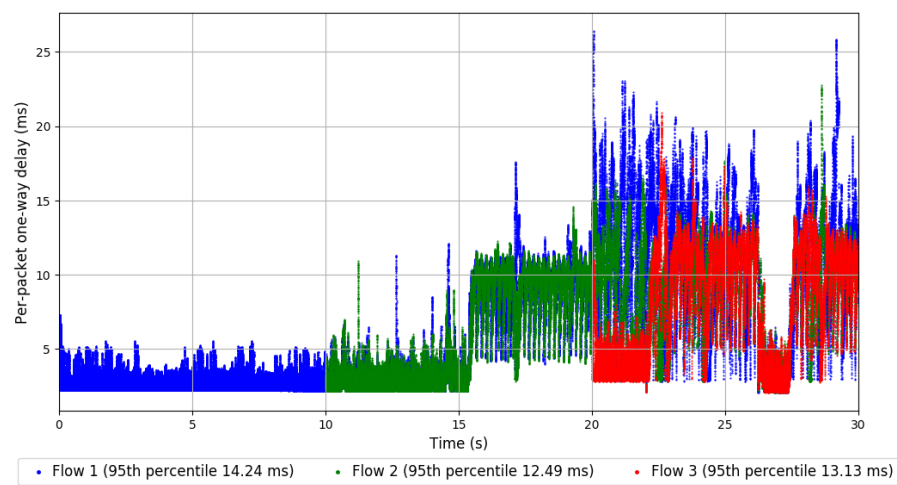
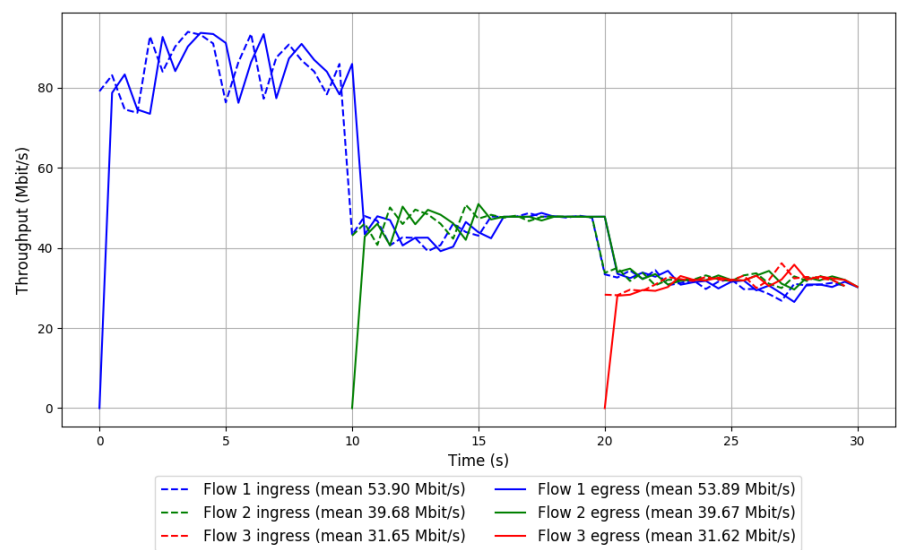


Run 5: Statistics of Copa

Start at: 2018-07-25 09:05:21
End at: 2018-07-25 09:05:51
Local clock offset: -5.988 ms
Remote clock offset: -7.188 ms

Below is generated by plot.py at 2018-07-25 10:50:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.81 Mbit/s
95th percentile per-packet one-way delay: 13.372 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 53.89 Mbit/s
95th percentile per-packet one-way delay: 14.237 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 39.67 Mbit/s
95th percentile per-packet one-way delay: 12.492 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 31.62 Mbit/s
95th percentile per-packet one-way delay: 13.127 ms
Loss rate: 0.17%

Run 5: Report of Copa — Data Link

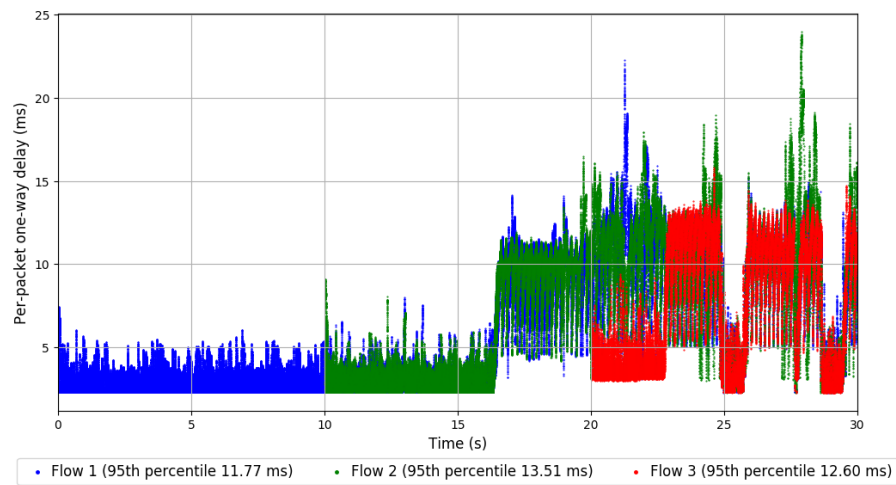
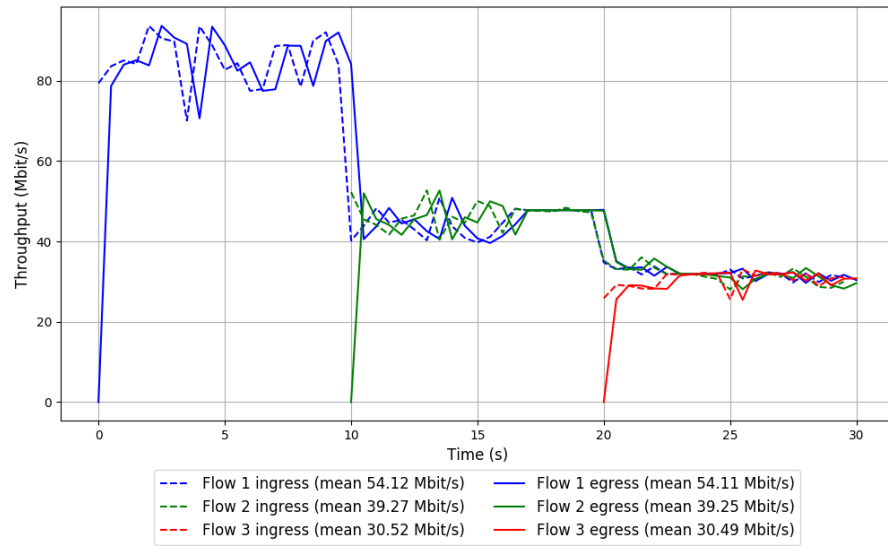


Run 6: Statistics of Copa

Start at: 2018-07-25 09:24:31
End at: 2018-07-25 09:25:01
Local clock offset: -2.301 ms
Remote clock offset: -6.988 ms

Below is generated by plot.py at 2018-07-25 10:50:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.38 Mbit/s
95th percentile per-packet one-way delay: 12.396 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 54.11 Mbit/s
95th percentile per-packet one-way delay: 11.770 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 39.25 Mbit/s
95th percentile per-packet one-way delay: 13.509 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 30.49 Mbit/s
95th percentile per-packet one-way delay: 12.604 ms
Loss rate: 0.16%

Run 6: Report of Copa — Data Link

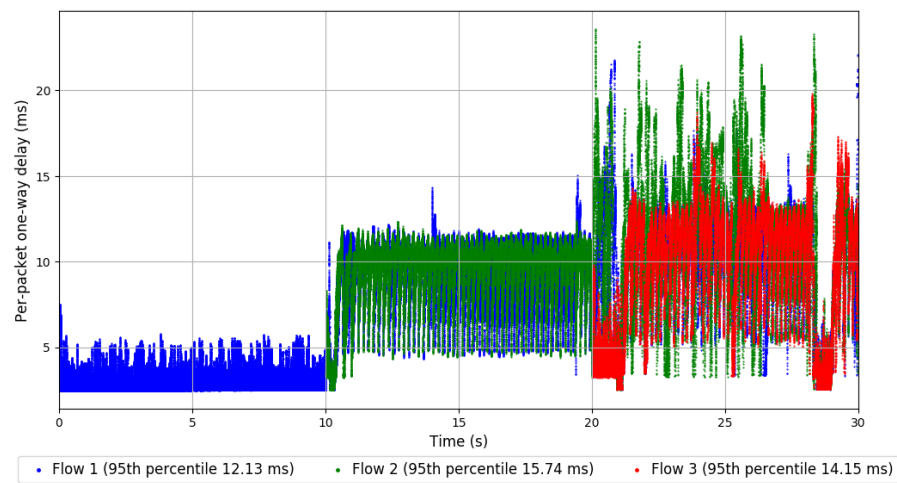
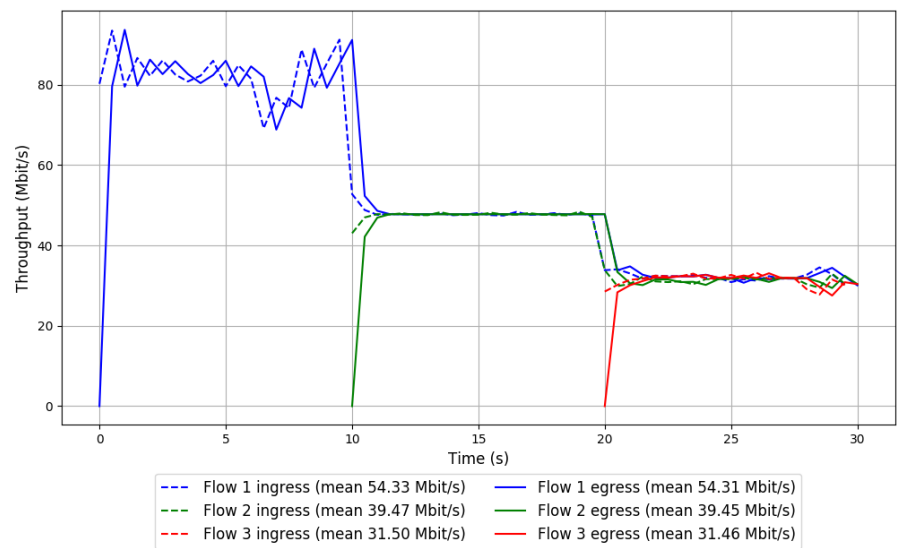


Run 7: Statistics of Copa

Start at: 2018-07-25 09:43:41
End at: 2018-07-25 09:44:11
Local clock offset: -2.295 ms
Remote clock offset: -4.763 ms

Below is generated by plot.py at 2018-07-25 10:52:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.03 Mbit/s
95th percentile per-packet one-way delay: 13.290 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 54.31 Mbit/s
95th percentile per-packet one-way delay: 12.130 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 39.45 Mbit/s
95th percentile per-packet one-way delay: 15.743 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 31.46 Mbit/s
95th percentile per-packet one-way delay: 14.149 ms
Loss rate: 0.15%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: 2018-07-25 10:02:53

End at: 2018-07-25 10:03:23

Local clock offset: -2.767 ms

Remote clock offset: -2.48 ms

Below is generated by plot.py at 2018-07-25 10:52:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.52 Mbit/s

95th percentile per-packet one-way delay: 13.443 ms

Loss rate: 0.07%

-- Flow 1:

Average throughput: 53.82 Mbit/s

95th percentile per-packet one-way delay: 12.647 ms

Loss rate: 0.04%

-- Flow 2:

Average throughput: 39.89 Mbit/s

95th percentile per-packet one-way delay: 13.273 ms

Loss rate: 0.09%

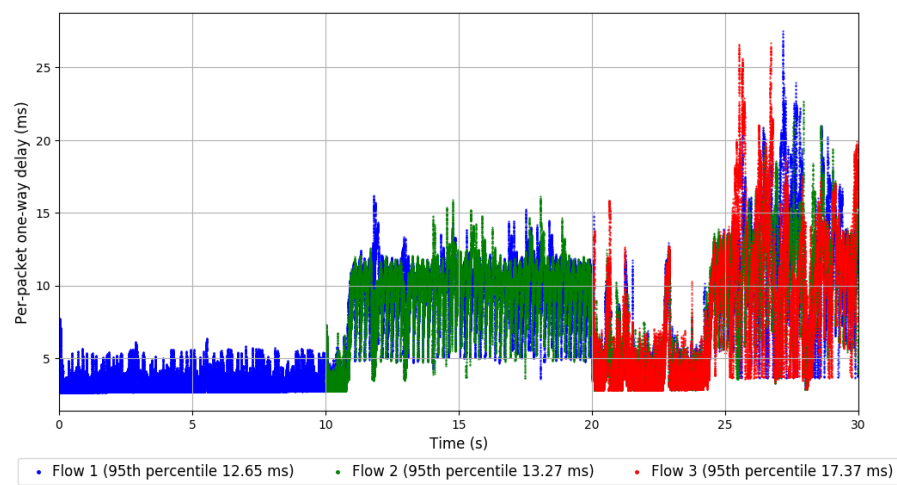
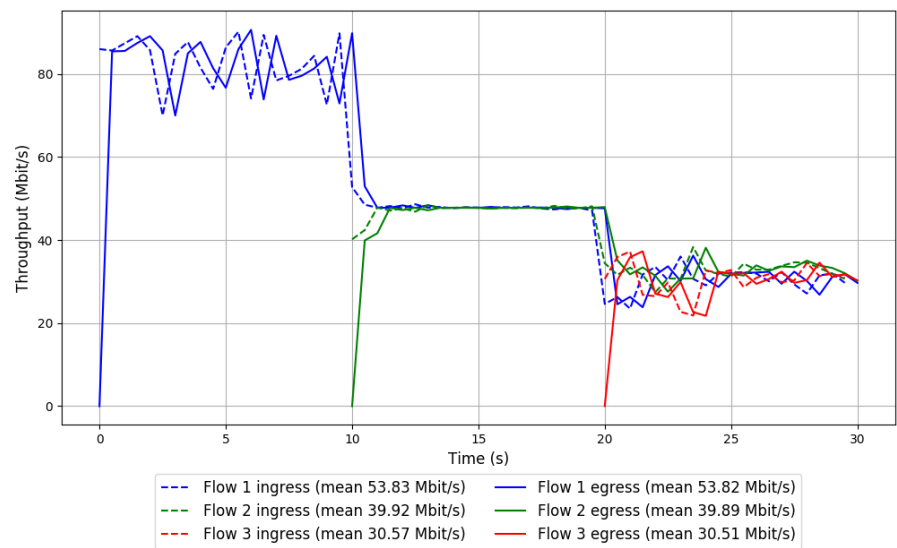
-- Flow 3:

Average throughput: 30.51 Mbit/s

95th percentile per-packet one-way delay: 17.371 ms

Loss rate: 0.23%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2018-07-25 10:22:03

End at: 2018-07-25 10:22:33

Local clock offset: -7.15 ms

Remote clock offset: -2.65 ms

Below is generated by plot.py at 2018-07-25 10:52:51

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.86 Mbit/s

95th percentile per-packet one-way delay: 12.996 ms

Loss rate: 0.06%

-- Flow 1:

Average throughput: 53.33 Mbit/s

95th percentile per-packet one-way delay: 13.530 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 40.52 Mbit/s

95th percentile per-packet one-way delay: 12.554 ms

Loss rate: 0.08%

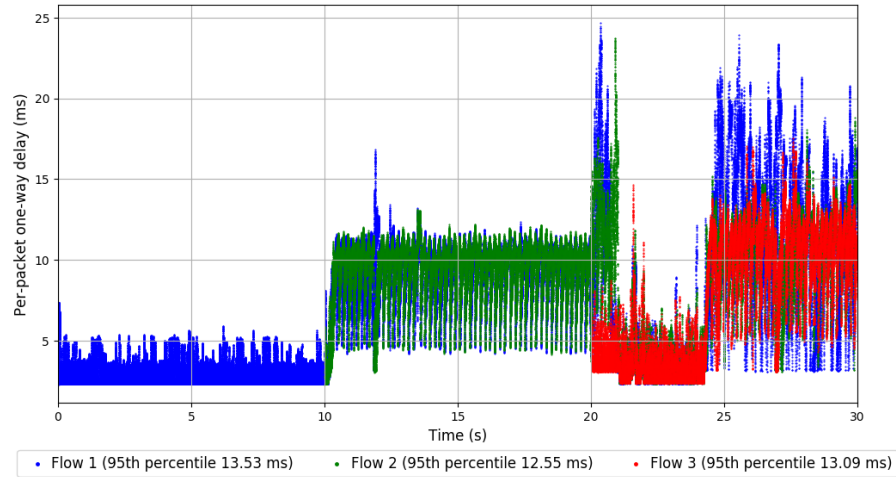
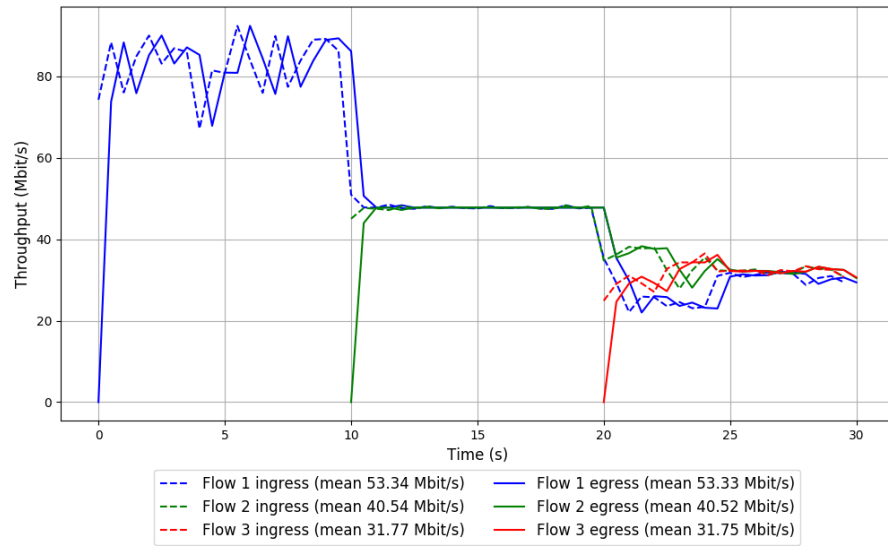
-- Flow 3:

Average throughput: 31.75 Mbit/s

95th percentile per-packet one-way delay: 13.092 ms

Loss rate: 0.16%

Run 9: Report of Copa — Data Link

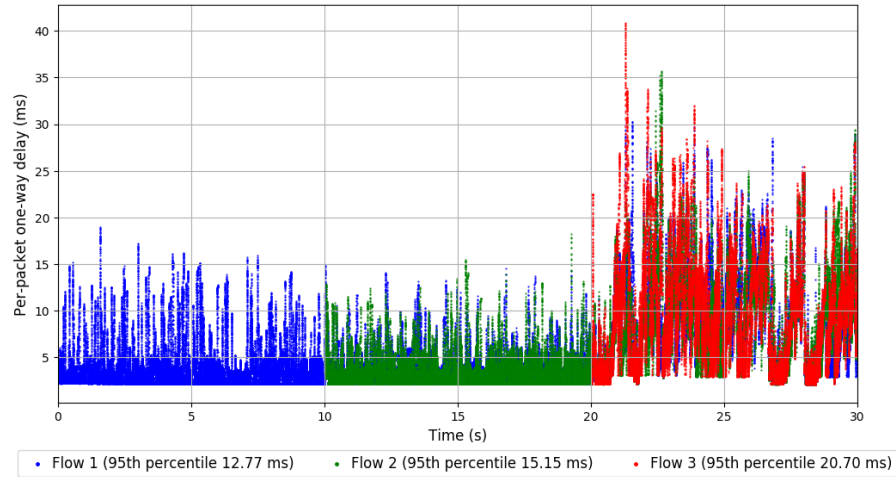
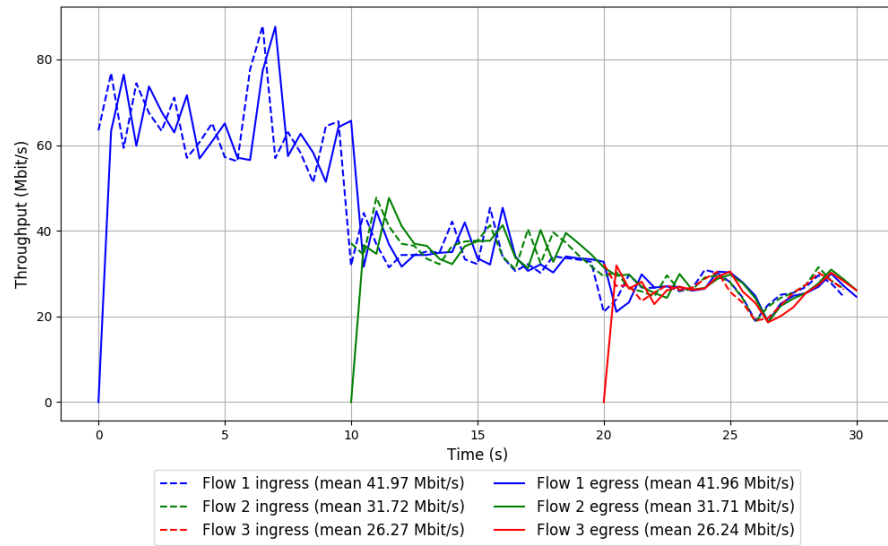


Run 10: Statistics of Copa

Start at: 2018-07-25 10:41:12
End at: 2018-07-25 10:41:42
Local clock offset: -3.54 ms
Remote clock offset: -2.415 ms

Below is generated by plot.py at 2018-07-25 10:52:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 71.79 Mbit/s
95th percentile per-packet one-way delay: 15.111 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 41.96 Mbit/s
95th percentile per-packet one-way delay: 12.770 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 31.71 Mbit/s
95th percentile per-packet one-way delay: 15.147 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 26.24 Mbit/s
95th percentile per-packet one-way delay: 20.700 ms
Loss rate: 0.19%

Run 10: Report of Copa — Data Link

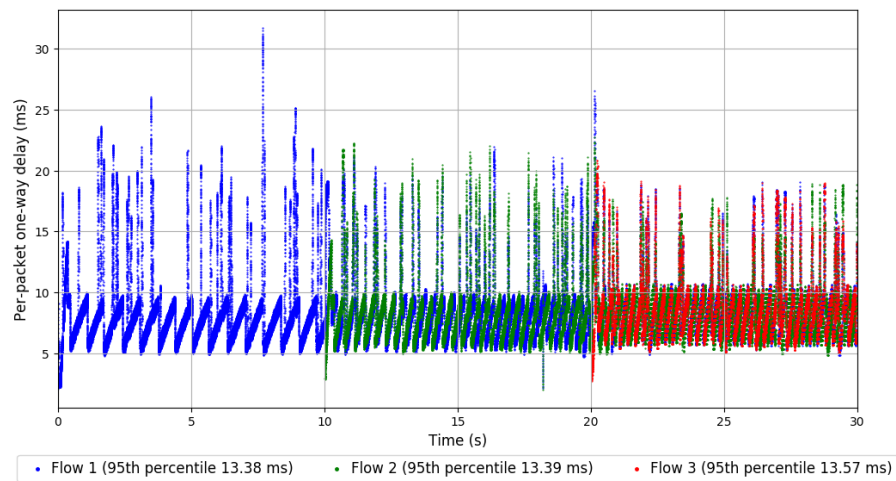
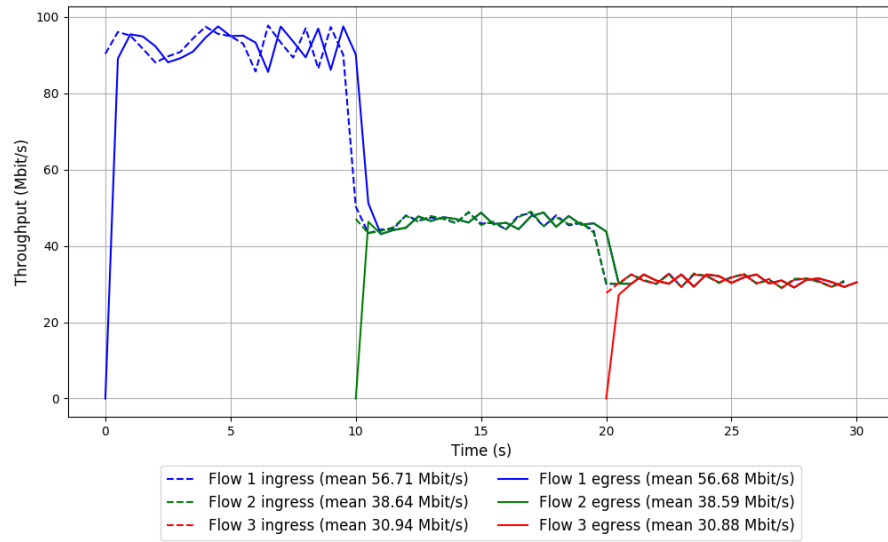


Run 1: Statistics of TCP Cubic

Start at: 2018-07-25 07:32:55
End at: 2018-07-25 07:33:25
Local clock offset: -7.892 ms
Remote clock offset: -6.662 ms

Below is generated by plot.py at 2018-07-25 10:52:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.63 Mbit/s
95th percentile per-packet one-way delay: 13.403 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 56.68 Mbit/s
95th percentile per-packet one-way delay: 13.380 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 38.59 Mbit/s
95th percentile per-packet one-way delay: 13.389 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 30.88 Mbit/s
95th percentile per-packet one-way delay: 13.571 ms
Loss rate: 0.23%

Run 1: Report of TCP Cubic — Data Link

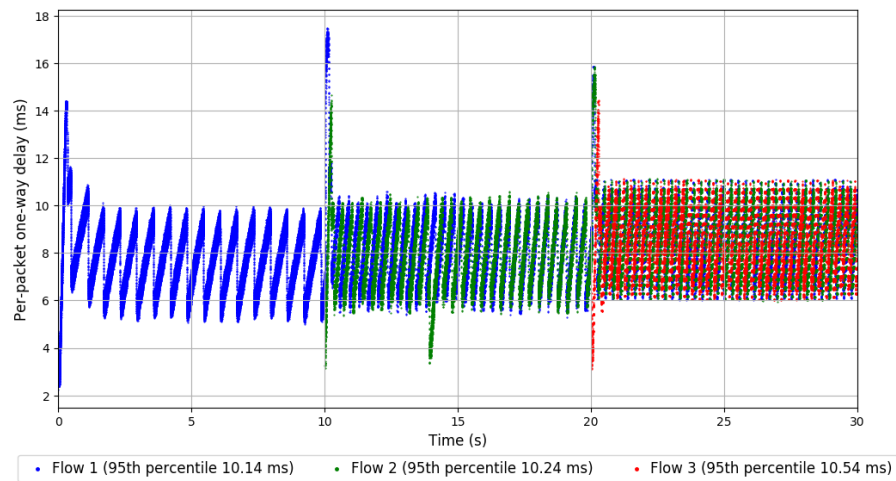
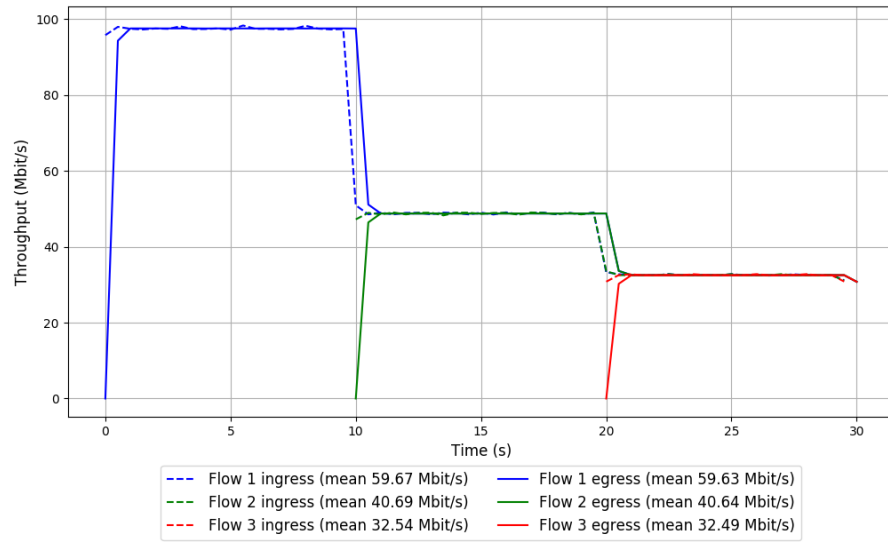


Run 2: Statistics of TCP Cubic

Start at: 2018-07-25 07:52:04
End at: 2018-07-25 07:52:34
Local clock offset: -2.404 ms
Remote clock offset: -6.404 ms

Below is generated by plot.py at 2018-07-25 10:52:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 10.255 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 59.63 Mbit/s
95th percentile per-packet one-way delay: 10.138 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 40.64 Mbit/s
95th percentile per-packet one-way delay: 10.239 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: 0.22%

Run 2: Report of TCP Cubic — Data Link

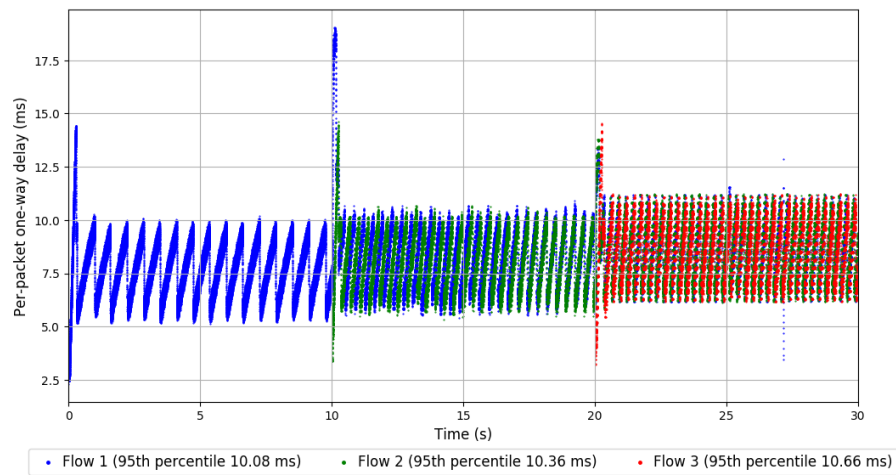
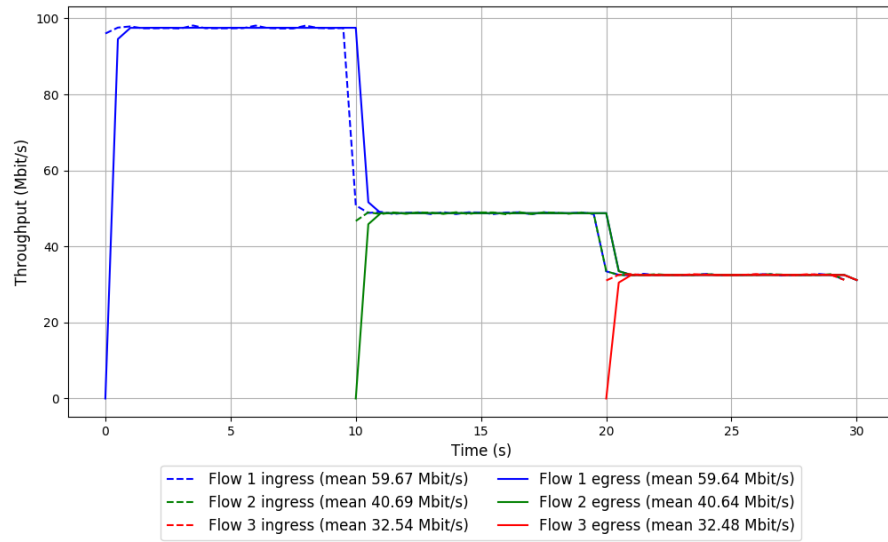


Run 3: Statistics of TCP Cubic

Start at: 2018-07-25 08:11:14
End at: 2018-07-25 08:11:44
Local clock offset: -1.704 ms
Remote clock offset: -2.773 ms

Below is generated by plot.py at 2018-07-25 10:52:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 10.294 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 59.64 Mbit/s
95th percentile per-packet one-way delay: 10.076 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 40.64 Mbit/s
95th percentile per-packet one-way delay: 10.356 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 32.48 Mbit/s
95th percentile per-packet one-way delay: 10.659 ms
Loss rate: 0.22%

Run 3: Report of TCP Cubic — Data Link

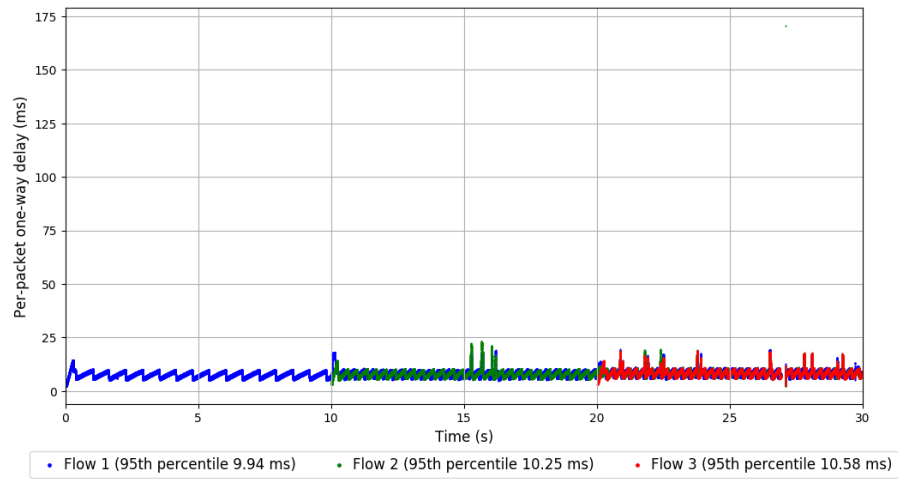
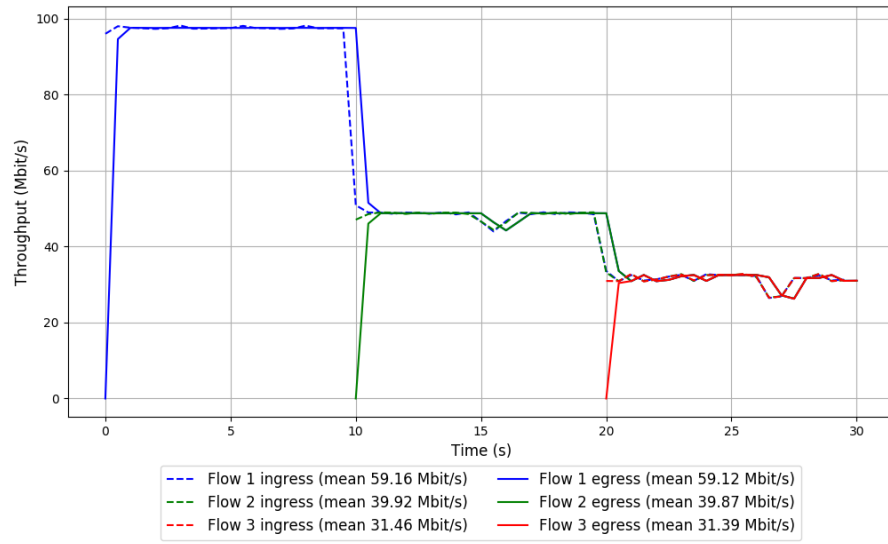


Run 4: Statistics of TCP Cubic

Start at: 2018-07-25 08:30:24
End at: 2018-07-25 08:30:54
Local clock offset: -1.3 ms
Remote clock offset: -2.986 ms

Below is generated by plot.py at 2018-07-25 10:52:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.09 Mbit/s
95th percentile per-packet one-way delay: 10.170 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 59.12 Mbit/s
95th percentile per-packet one-way delay: 9.941 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 39.87 Mbit/s
95th percentile per-packet one-way delay: 10.254 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 31.39 Mbit/s
95th percentile per-packet one-way delay: 10.582 ms
Loss rate: 0.23%

Run 4: Report of TCP Cubic — Data Link

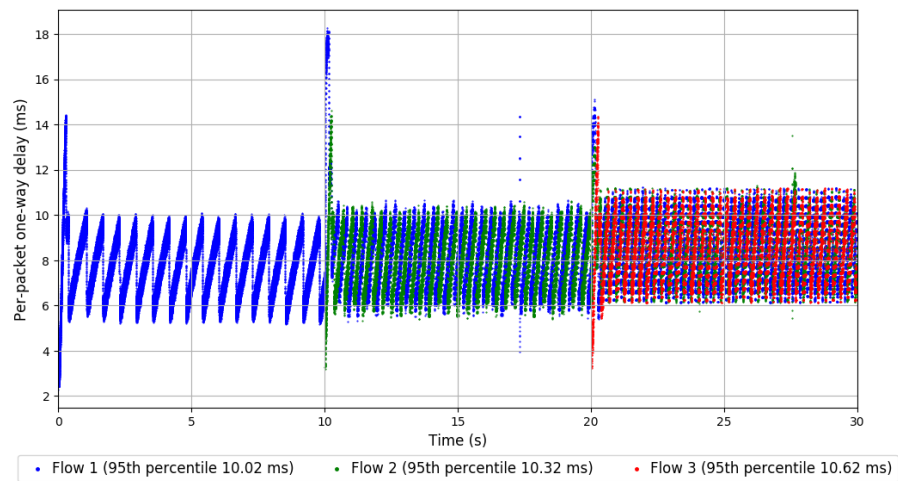
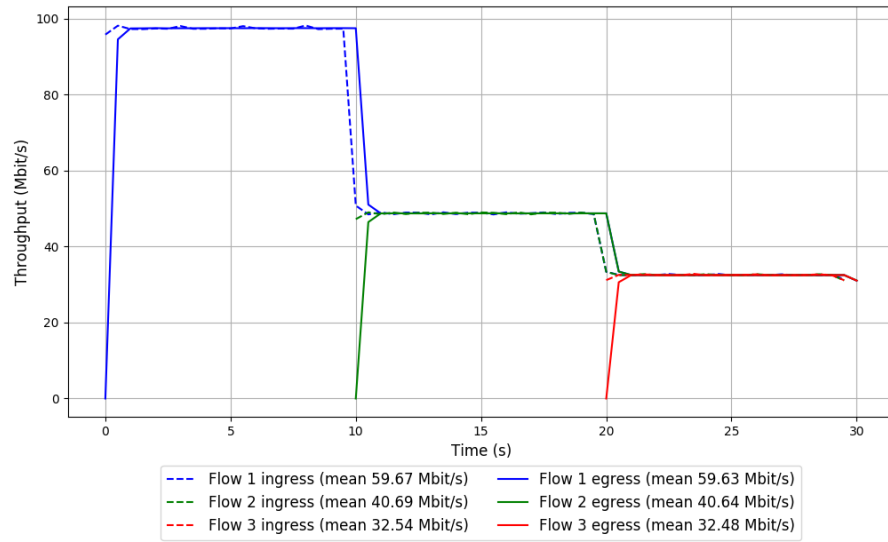


Run 5: Statistics of TCP Cubic

Start at: 2018-07-25 08:49:35
End at: 2018-07-25 08:50:05
Local clock offset: -6.997 ms
Remote clock offset: -6.687 ms

Below is generated by plot.py at 2018-07-25 10:53:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 10.262 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 59.63 Mbit/s
95th percentile per-packet one-way delay: 10.023 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 40.64 Mbit/s
95th percentile per-packet one-way delay: 10.324 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 32.48 Mbit/s
95th percentile per-packet one-way delay: 10.621 ms
Loss rate: 0.23%

Run 5: Report of TCP Cubic — Data Link

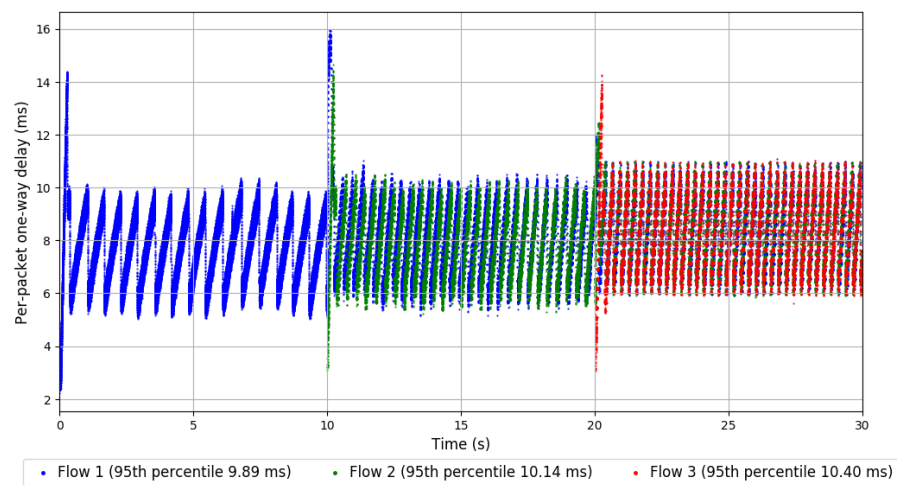
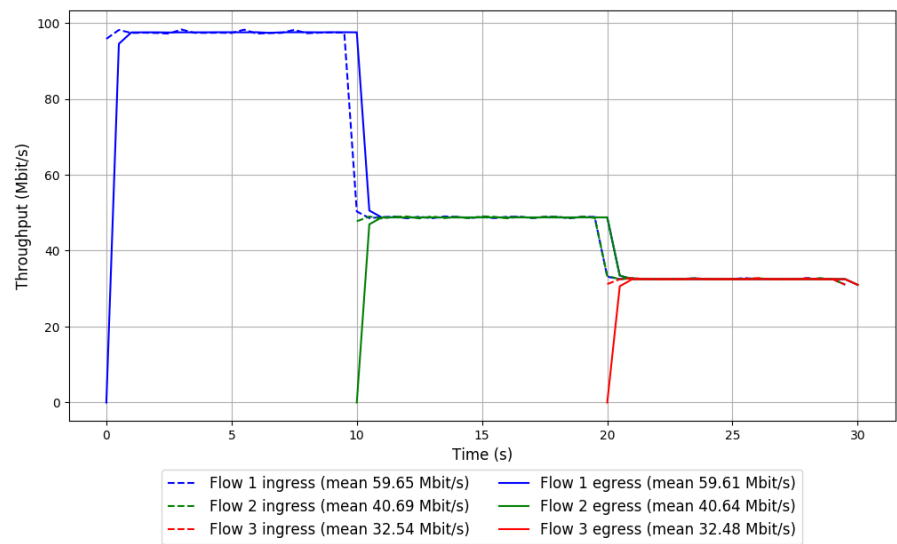


Run 6: Statistics of TCP Cubic

Start at: 2018-07-25 09:08:45
End at: 2018-07-25 09:09:15
Local clock offset: -4.701 ms
Remote clock offset: -7.096 ms

```
# Below is generated by plot.py at 2018-07-25 10:53:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 10.084 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 59.61 Mbit/s
95th percentile per-packet one-way delay: 9.894 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 40.64 Mbit/s
95th percentile per-packet one-way delay: 10.139 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 32.48 Mbit/s
95th percentile per-packet one-way delay: 10.405 ms
Loss rate: 0.22%
```

Run 6: Report of TCP Cubic — Data Link

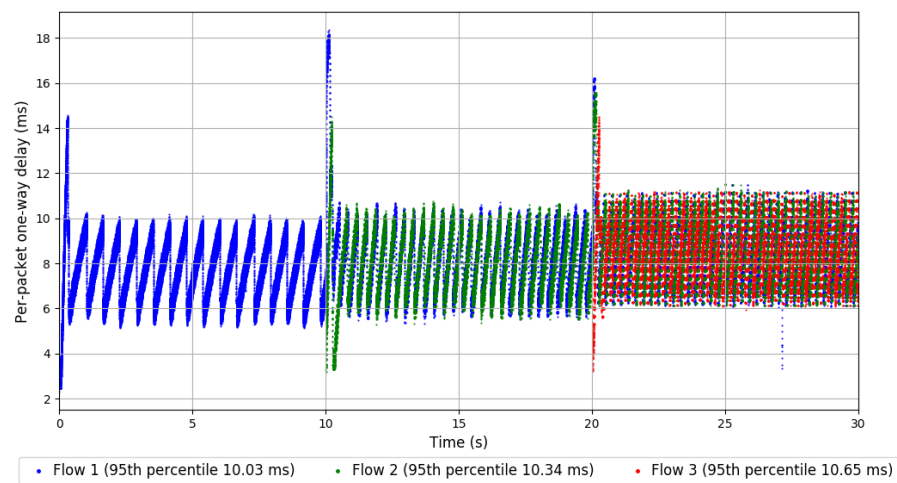
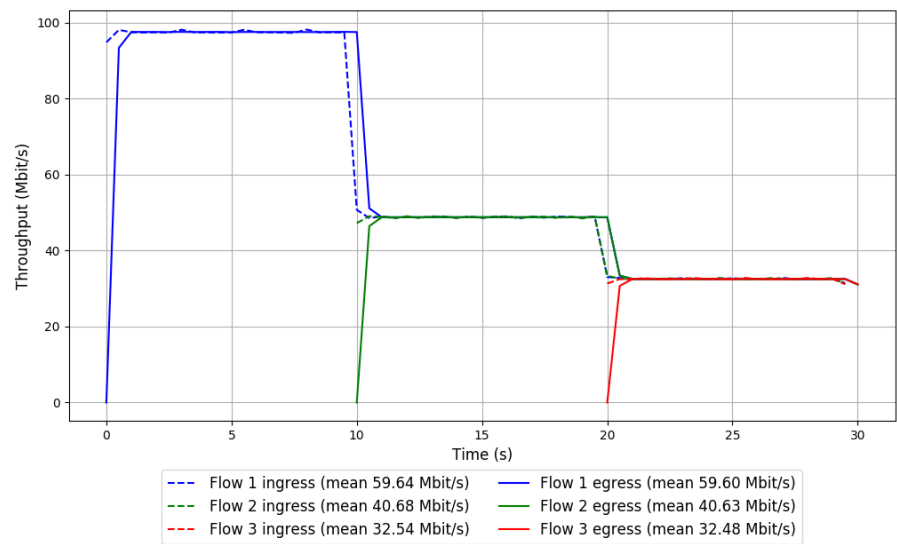


Run 7: Statistics of TCP Cubic

Start at: 2018-07-25 09:27:56
End at: 2018-07-25 09:28:26
Local clock offset: -2.074 ms
Remote clock offset: -7.088 ms

Below is generated by plot.py at 2018-07-25 10:53:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.45 Mbit/s
95th percentile per-packet one-way delay: 10.285 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 59.60 Mbit/s
95th percentile per-packet one-way delay: 10.031 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 40.63 Mbit/s
95th percentile per-packet one-way delay: 10.339 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 32.48 Mbit/s
95th percentile per-packet one-way delay: 10.654 ms
Loss rate: 0.23%

Run 7: Report of TCP Cubic — Data Link

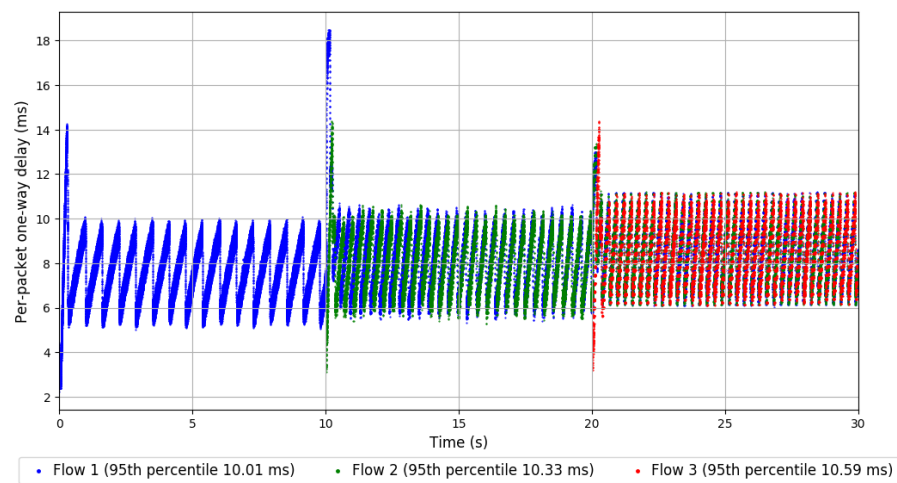
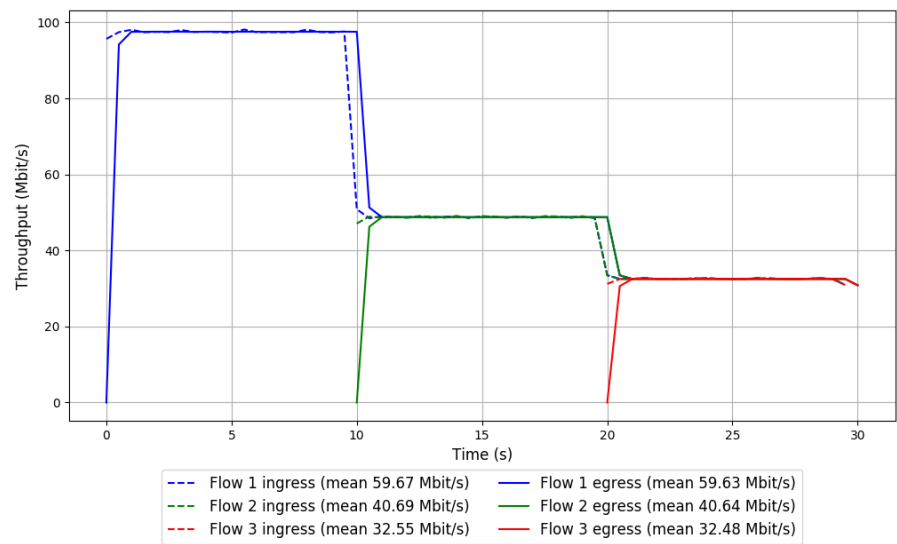


Run 8: Statistics of TCP Cubic

Start at: 2018-07-25 09:47:06
End at: 2018-07-25 09:47:36
Local clock offset: -2.234 ms
Remote clock offset: -3.984 ms

Below is generated by plot.py at 2018-07-25 10:53:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 10.255 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 59.63 Mbit/s
95th percentile per-packet one-way delay: 10.014 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 40.64 Mbit/s
95th percentile per-packet one-way delay: 10.333 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 32.48 Mbit/s
95th percentile per-packet one-way delay: 10.592 ms
Loss rate: 0.23%

Run 8: Report of TCP Cubic — Data Link

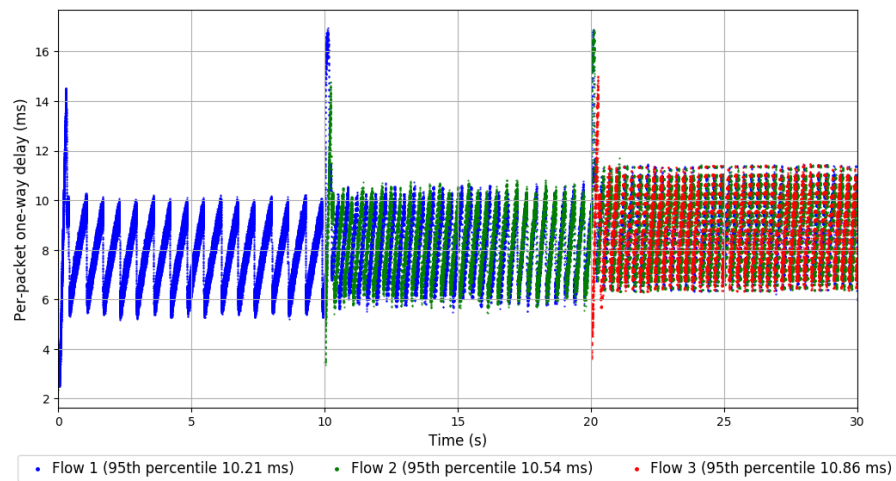
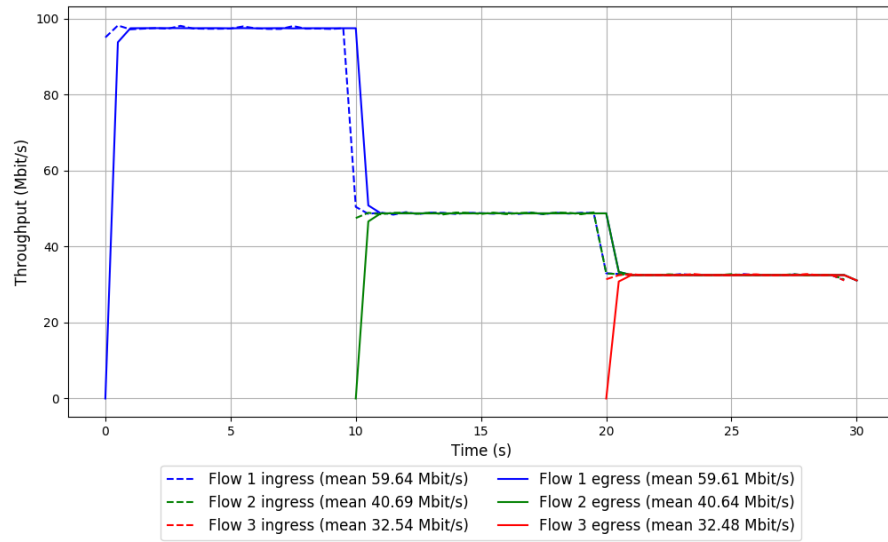


Run 9: Statistics of TCP Cubic

Start at: 2018-07-25 10:06:17
End at: 2018-07-25 10:06:47
Local clock offset: -4.224 ms
Remote clock offset: -2.257 ms

Below is generated by plot.py at 2018-07-25 10:53:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 10.486 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 59.61 Mbit/s
95th percentile per-packet one-way delay: 10.211 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 40.64 Mbit/s
95th percentile per-packet one-way delay: 10.539 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 32.48 Mbit/s
95th percentile per-packet one-way delay: 10.863 ms
Loss rate: 0.22%

Run 9: Report of TCP Cubic — Data Link

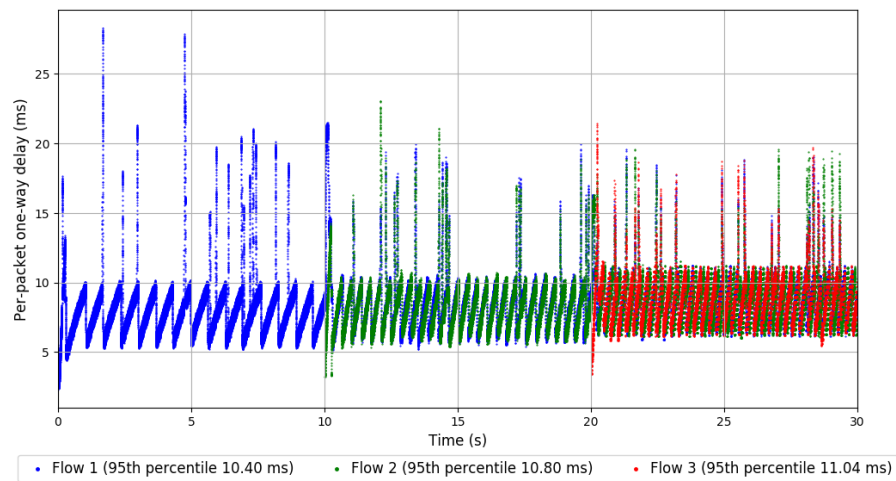
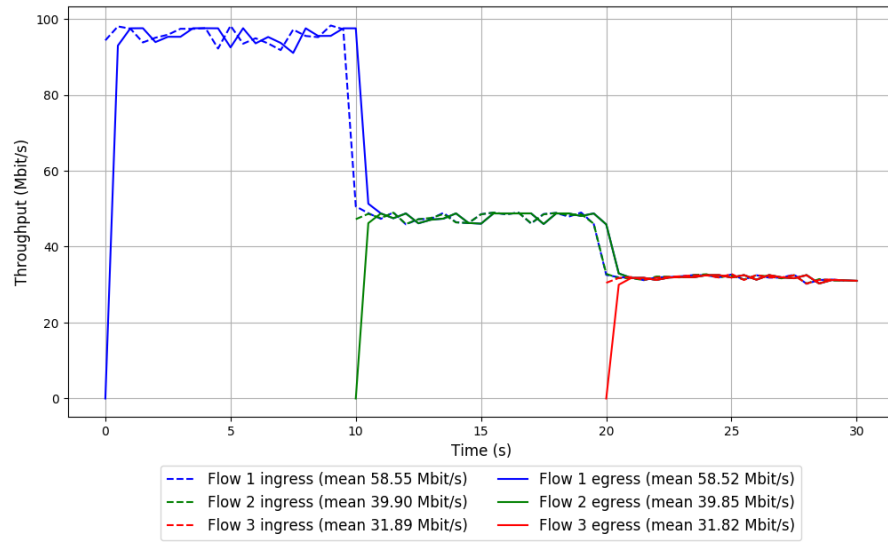


Run 10: Statistics of TCP Cubic

Start at: 2018-07-25 10:25:28
End at: 2018-07-25 10:25:58
Local clock offset: -7.348 ms
Remote clock offset: -2.657 ms

Below is generated by plot.py at 2018-07-25 10:53:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.62 Mbit/s
95th percentile per-packet one-way delay: 10.696 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 58.52 Mbit/s
95th percentile per-packet one-way delay: 10.403 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 39.85 Mbit/s
95th percentile per-packet one-way delay: 10.800 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 31.82 Mbit/s
95th percentile per-packet one-way delay: 11.044 ms
Loss rate: 0.24%

Run 10: Report of TCP Cubic — Data Link

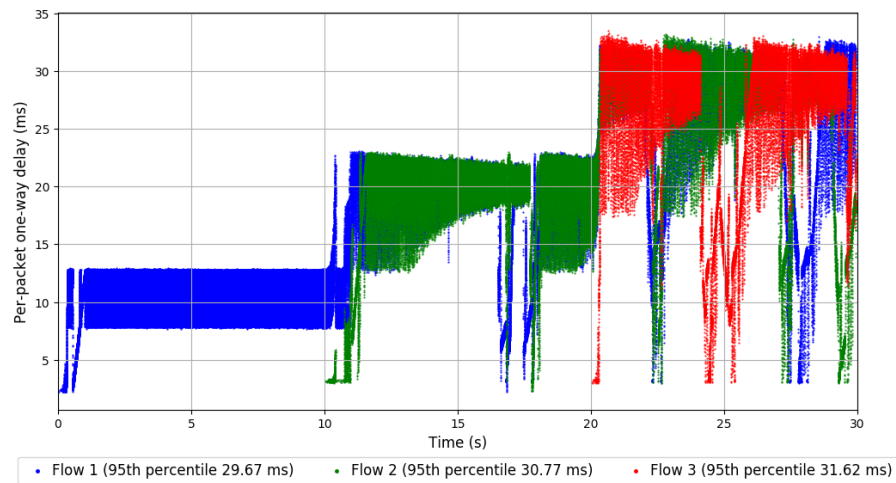
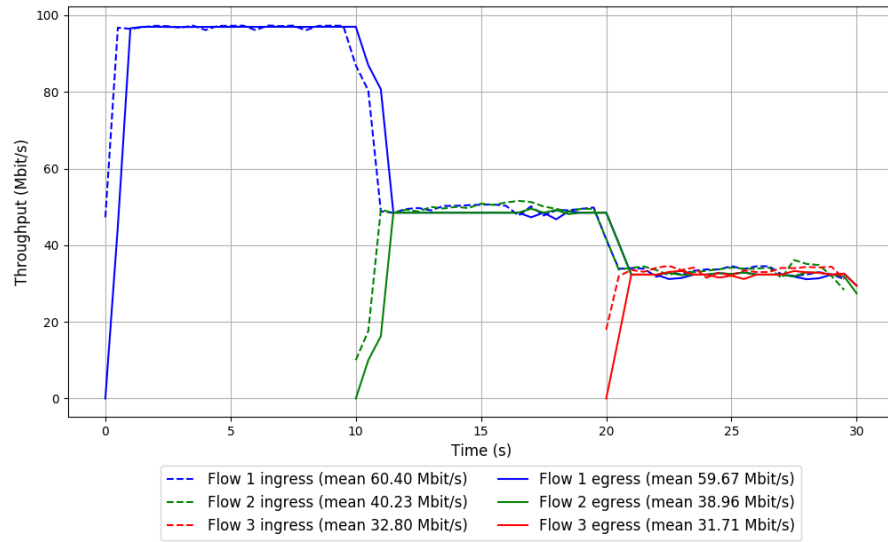


Run 1: Statistics of FillP

Start at: 2018-07-25 07:46:24
End at: 2018-07-25 07:46:54
Local clock offset: -3.124 ms
Remote clock offset: -6.457 ms

Below is generated by plot.py at 2018-07-25 10:53:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.07 Mbit/s
95th percentile per-packet one-way delay: 30.666 ms
Loss rate: 2.02%
-- Flow 1:
Average throughput: 59.67 Mbit/s
95th percentile per-packet one-way delay: 29.670 ms
Loss rate: 1.27%
-- Flow 2:
Average throughput: 38.96 Mbit/s
95th percentile per-packet one-way delay: 30.770 ms
Loss rate: 3.14%
-- Flow 3:
Average throughput: 31.71 Mbit/s
95th percentile per-packet one-way delay: 31.622 ms
Loss rate: 3.37%

Run 1: Report of FillP — Data Link

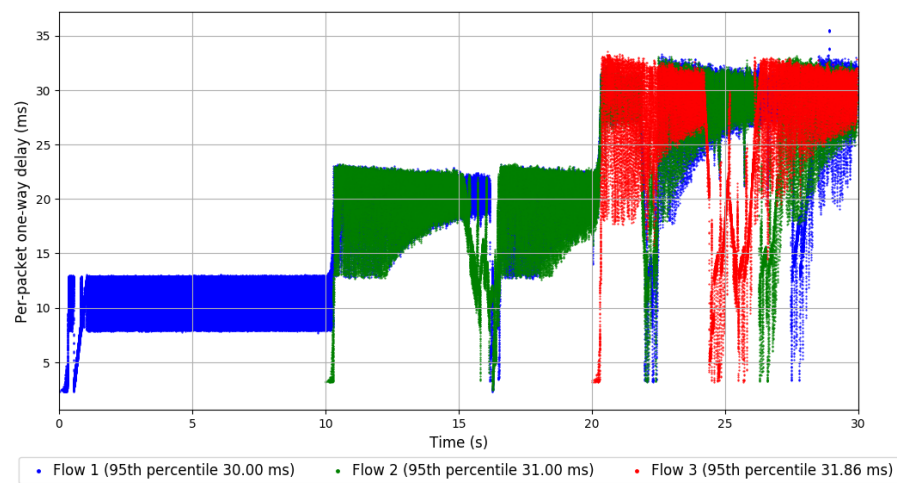
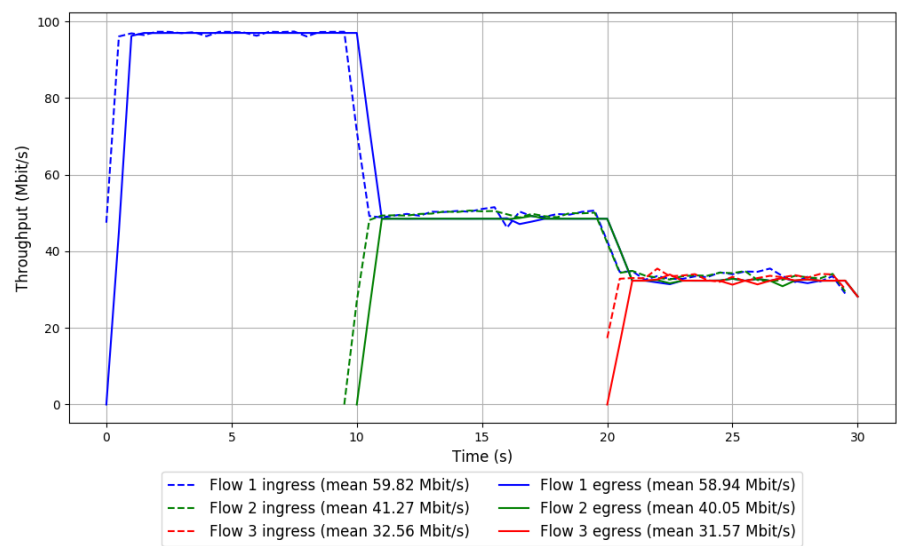


Run 2: Statistics of FillP

Start at: 2018-07-25 08:05:34
End at: 2018-07-25 08:06:04
Local clock offset: -1.756 ms
Remote clock offset: -3.427 ms

Below is generated by plot.py at 2018-07-25 10:54:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.08 Mbit/s
95th percentile per-packet one-way delay: 30.881 ms
Loss rate: 2.13%
-- Flow 1:
Average throughput: 58.94 Mbit/s
95th percentile per-packet one-way delay: 30.005 ms
Loss rate: 1.52%
-- Flow 2:
Average throughput: 40.05 Mbit/s
95th percentile per-packet one-way delay: 31.003 ms
Loss rate: 3.03%
-- Flow 3:
Average throughput: 31.57 Mbit/s
95th percentile per-packet one-way delay: 31.864 ms
Loss rate: 3.22%

Run 2: Report of FillP — Data Link

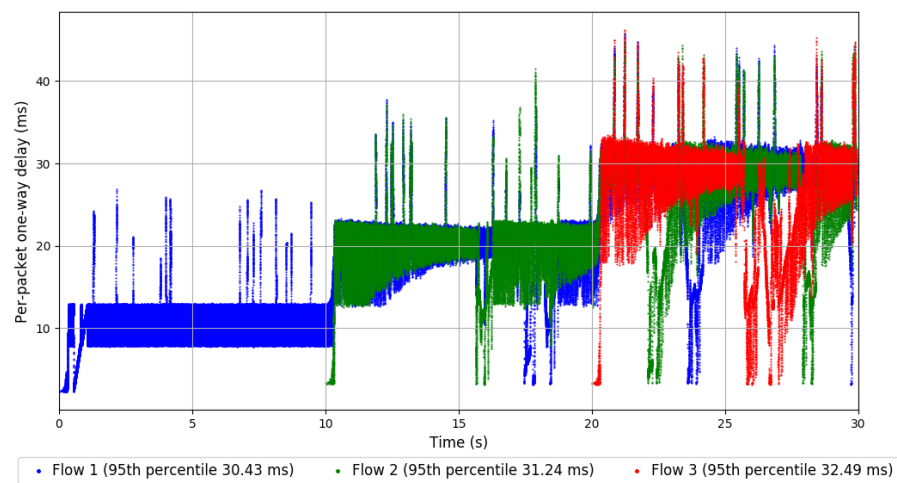
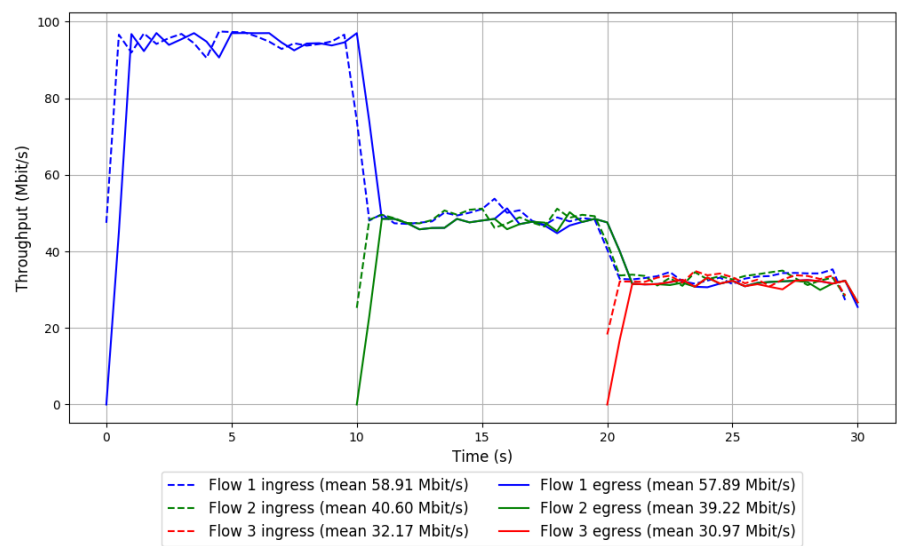


Run 3: Statistics of FillP

Start at: 2018-07-25 08:24:44
End at: 2018-07-25 08:25:14
Local clock offset: -1.446 ms
Remote clock offset: -1.741 ms

Below is generated by plot.py at 2018-07-25 10:54:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.25 Mbit/s
95th percentile per-packet one-way delay: 31.103 ms
Loss rate: 2.46%
-- Flow 1:
Average throughput: 57.89 Mbit/s
95th percentile per-packet one-way delay: 30.430 ms
Loss rate: 1.72%
-- Flow 2:
Average throughput: 39.22 Mbit/s
95th percentile per-packet one-way delay: 31.242 ms
Loss rate: 3.50%
-- Flow 3:
Average throughput: 30.97 Mbit/s
95th percentile per-packet one-way delay: 32.490 ms
Loss rate: 3.90%

Run 3: Report of FillP — Data Link

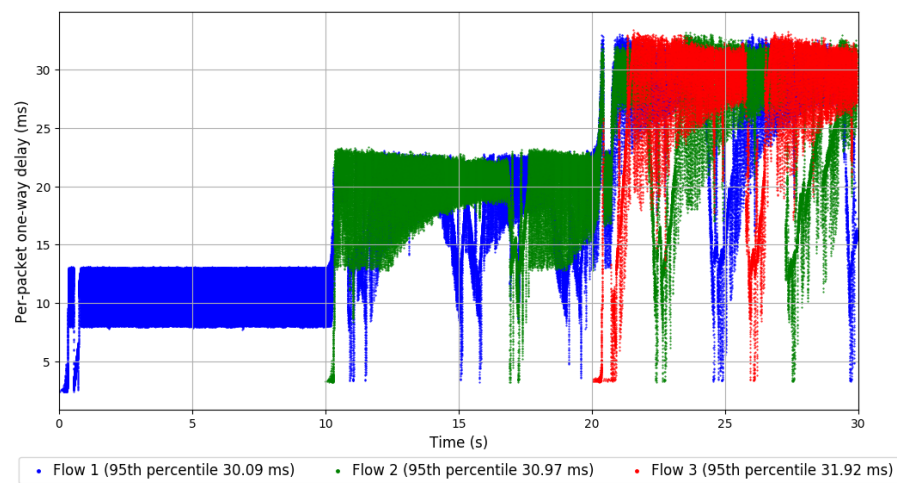
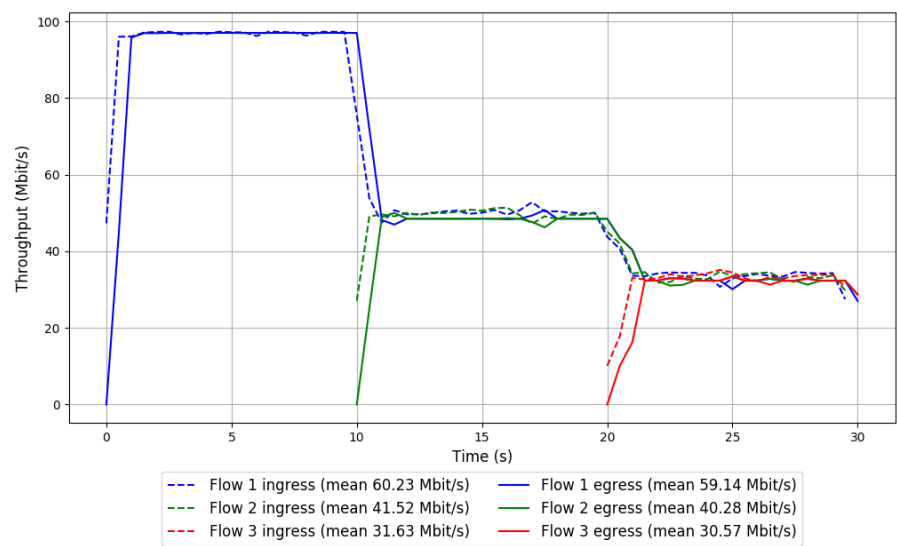


Run 4: Statistics of FillP

Start at: 2018-07-25 08:43:54
End at: 2018-07-25 08:44:24
Local clock offset: -6.028 ms
Remote clock offset: -6.198 ms

Below is generated by plot.py at 2018-07-25 10:54:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.08 Mbit/s
95th percentile per-packet one-way delay: 30.969 ms
Loss rate: 2.35%
-- Flow 1:
Average throughput: 59.14 Mbit/s
95th percentile per-packet one-way delay: 30.094 ms
Loss rate: 1.82%
-- Flow 2:
Average throughput: 40.28 Mbit/s
95th percentile per-packet one-way delay: 30.966 ms
Loss rate: 3.07%
-- Flow 3:
Average throughput: 30.57 Mbit/s
95th percentile per-packet one-way delay: 31.919 ms
Loss rate: 3.52%

Run 4: Report of FillP — Data Link

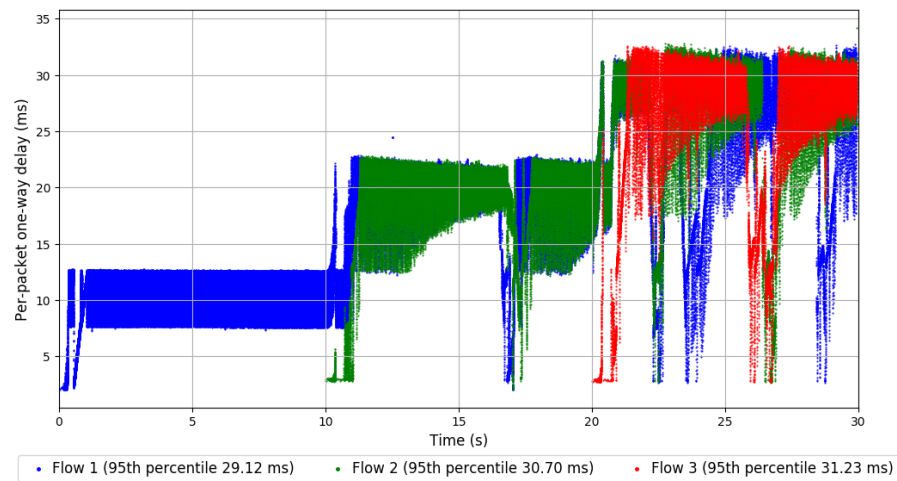
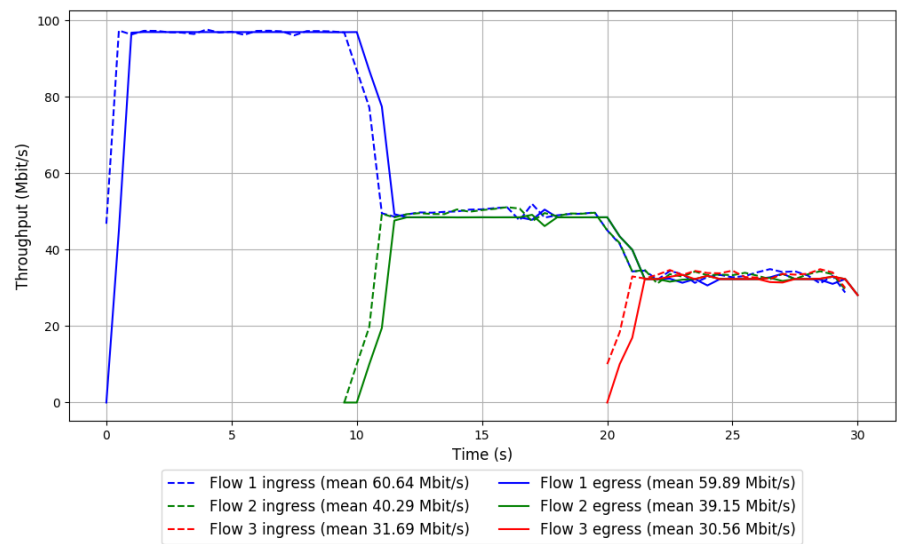


Run 5: Statistics of FillP

Start at: 2018-07-25 09:03:05
End at: 2018-07-25 09:03:35
Local clock offset: -7.082 ms
Remote clock offset: -7.196 ms

Below is generated by plot.py at 2018-07-25 10:54:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.09 Mbit/s
95th percentile per-packet one-way delay: 30.381 ms
Loss rate: 1.99%
-- Flow 1:
Average throughput: 59.89 Mbit/s
95th percentile per-packet one-way delay: 29.120 ms
Loss rate: 1.29%
-- Flow 2:
Average throughput: 39.15 Mbit/s
95th percentile per-packet one-way delay: 30.699 ms
Loss rate: 2.88%
-- Flow 3:
Average throughput: 30.56 Mbit/s
95th percentile per-packet one-way delay: 31.226 ms
Loss rate: 3.76%

Run 5: Report of FillP — Data Link

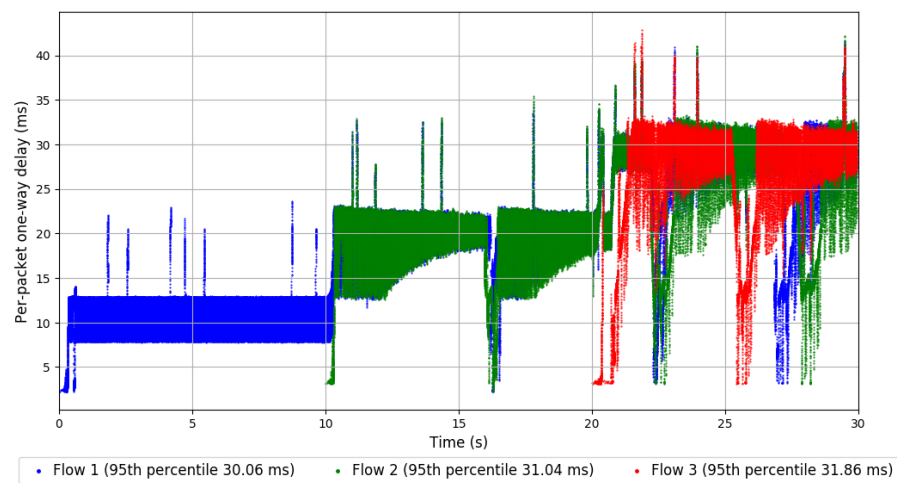
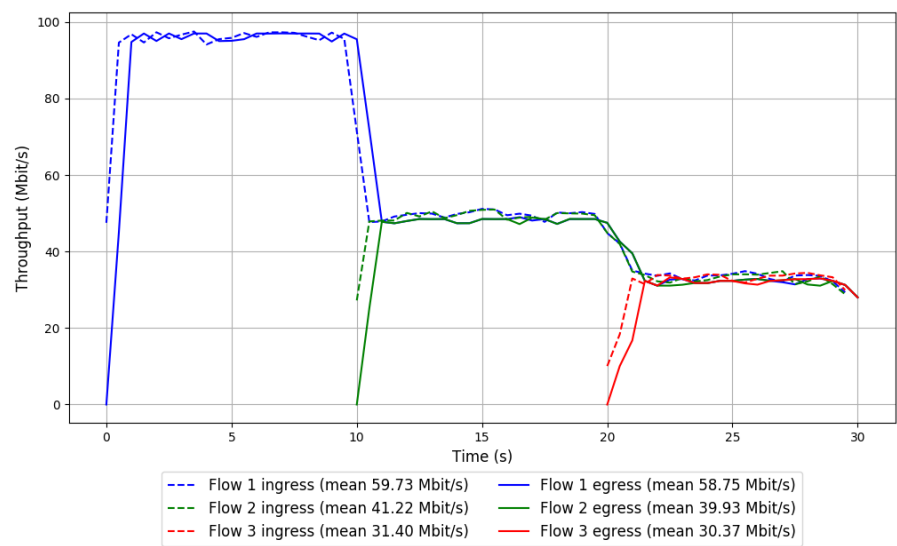


Run 6: Statistics of FillP

Start at: 2018-07-25 09:22:15
End at: 2018-07-25 09:22:45
Local clock offset: -2.495 ms
Remote clock offset: -7.041 ms

Below is generated by plot.py at 2018-07-25 10:54:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.39 Mbit/s
95th percentile per-packet one-way delay: 30.900 ms
Loss rate: 2.31%
-- Flow 1:
Average throughput: 58.75 Mbit/s
95th percentile per-packet one-way delay: 30.057 ms
Loss rate: 1.66%
-- Flow 2:
Average throughput: 39.93 Mbit/s
95th percentile per-packet one-way delay: 31.043 ms
Loss rate: 3.24%
-- Flow 3:
Average throughput: 30.37 Mbit/s
95th percentile per-packet one-way delay: 31.858 ms
Loss rate: 3.56%

Run 6: Report of FillP — Data Link

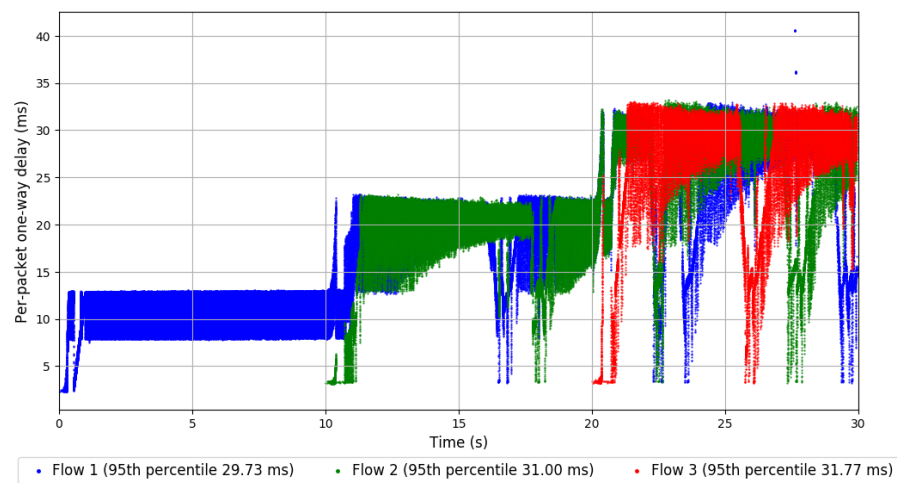
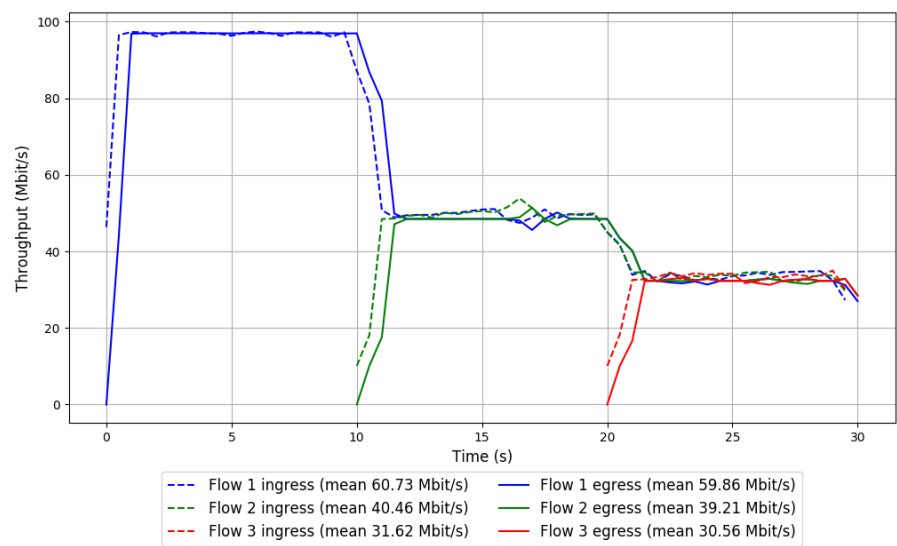


Run 7: Statistics of FillP

Start at: 2018-07-25 09:41:25
End at: 2018-07-25 09:41:55
Local clock offset: -2.226 ms
Remote clock offset: -5.171 ms

Below is generated by plot.py at 2018-07-25 10:54:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.08 Mbit/s
95th percentile per-packet one-way delay: 30.778 ms
Loss rate: 2.14%
-- Flow 1:
Average throughput: 59.86 Mbit/s
95th percentile per-packet one-way delay: 29.726 ms
Loss rate: 1.44%
-- Flow 2:
Average throughput: 39.21 Mbit/s
95th percentile per-packet one-way delay: 31.000 ms
Loss rate: 3.17%
-- Flow 3:
Average throughput: 30.56 Mbit/s
95th percentile per-packet one-way delay: 31.765 ms
Loss rate: 3.54%

Run 7: Report of FillP — Data Link

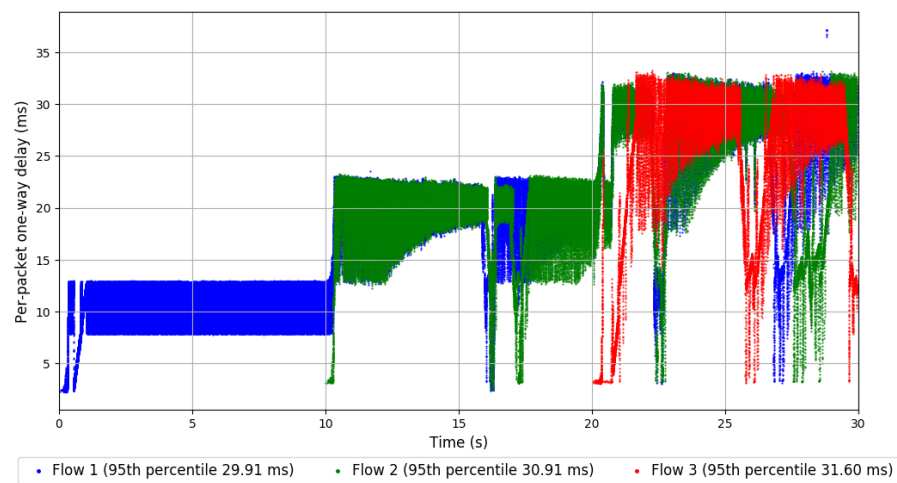
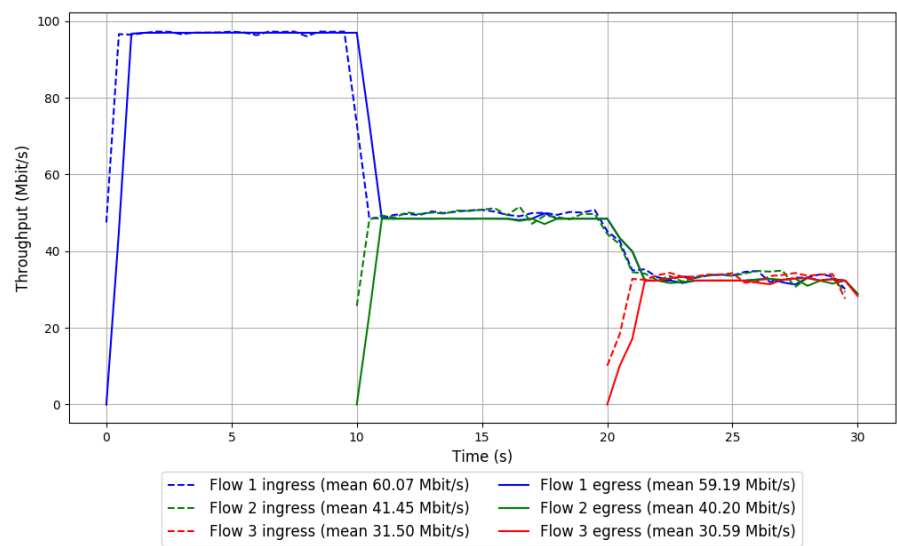


Run 8: Statistics of FillP

Start at: 2018-07-25 10:00:37
End at: 2018-07-25 10:01:07
Local clock offset: -2.1 ms
Remote clock offset: -2.664 ms

Below is generated by plot.py at 2018-07-25 10:54:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.08 Mbit/s
95th percentile per-packet one-way delay: 30.732 ms
Loss rate: 2.10%
-- Flow 1:
Average throughput: 59.19 Mbit/s
95th percentile per-packet one-way delay: 29.908 ms
Loss rate: 1.52%
-- Flow 2:
Average throughput: 40.20 Mbit/s
95th percentile per-packet one-way delay: 30.905 ms
Loss rate: 3.04%
-- Flow 3:
Average throughput: 30.59 Mbit/s
95th percentile per-packet one-way delay: 31.603 ms
Loss rate: 2.93%

Run 8: Report of FillP — Data Link

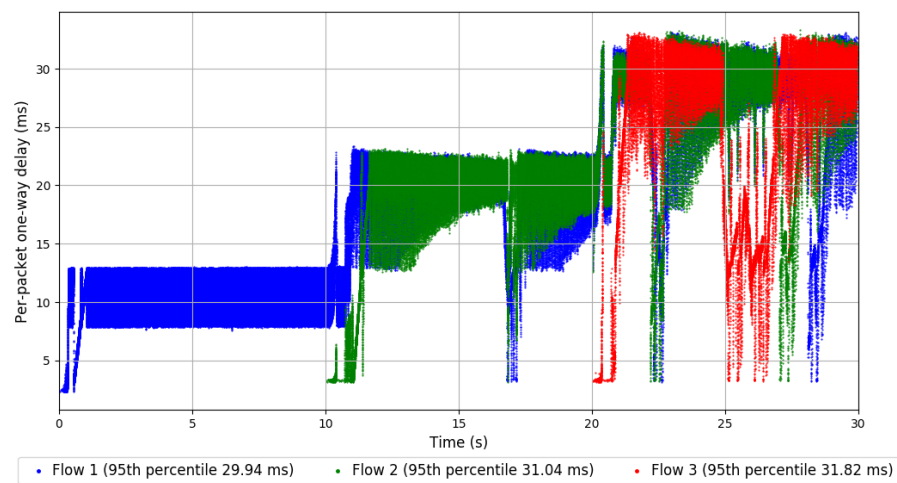
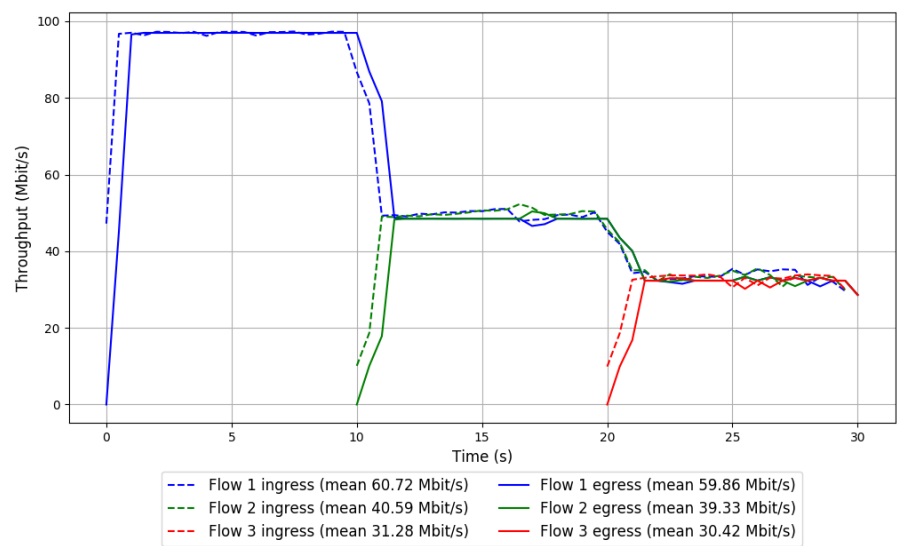


Run 9: Statistics of FillP

Start at: 2018-07-25 10:19:47
End at: 2018-07-25 10:20:17
Local clock offset: -6.849 ms
Remote clock offset: -2.623 ms

Below is generated by plot.py at 2018-07-25 10:55:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.10 Mbit/s
95th percentile per-packet one-way delay: 30.848 ms
Loss rate: 2.08%
-- Flow 1:
Average throughput: 59.86 Mbit/s
95th percentile per-packet one-way delay: 29.938 ms
Loss rate: 1.45%
-- Flow 2:
Average throughput: 39.33 Mbit/s
95th percentile per-packet one-way delay: 31.036 ms
Loss rate: 3.18%
-- Flow 3:
Average throughput: 30.42 Mbit/s
95th percentile per-packet one-way delay: 31.822 ms
Loss rate: 2.89%

Run 9: Report of FillP — Data Link

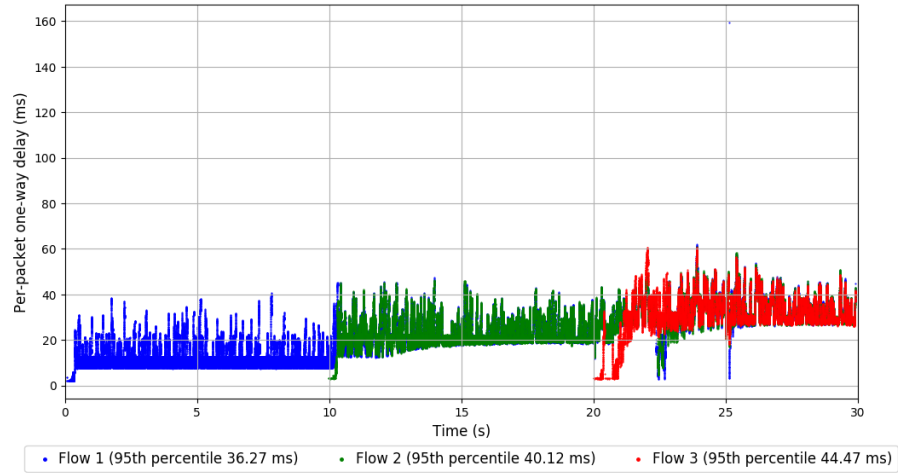
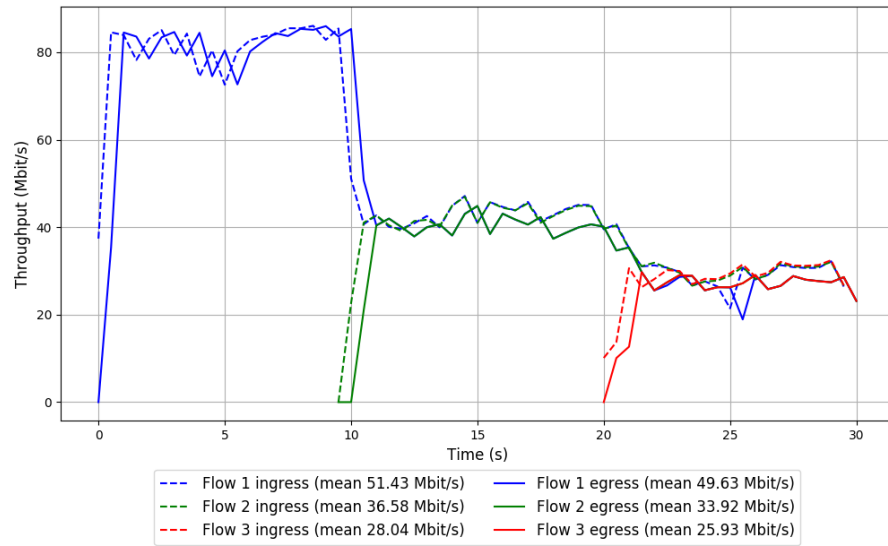


Run 10: Statistics of FillP

Start at: 2018-07-25 10:38:57
End at: 2018-07-25 10:39:27
Local clock offset: -4.181 ms
Remote clock offset: -2.457 ms

Below is generated by plot.py at 2018-07-25 10:55:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.82 Mbit/s
95th percentile per-packet one-way delay: 39.110 ms
Loss rate: 5.09%
-- Flow 1:
Average throughput: 49.63 Mbit/s
95th percentile per-packet one-way delay: 36.270 ms
Loss rate: 3.55%
-- Flow 2:
Average throughput: 33.92 Mbit/s
95th percentile per-packet one-way delay: 40.123 ms
Loss rate: 7.37%
-- Flow 3:
Average throughput: 25.93 Mbit/s
95th percentile per-packet one-way delay: 44.471 ms
Loss rate: 7.69%

Run 10: Report of FillP — Data Link

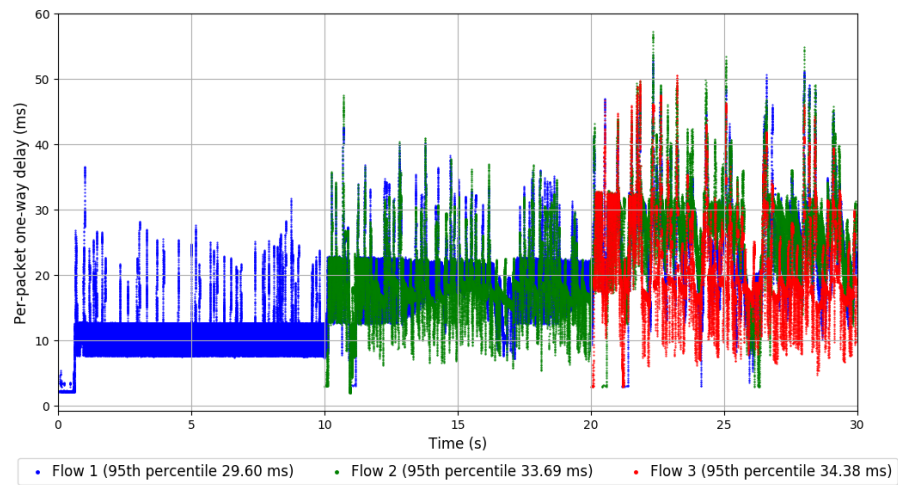
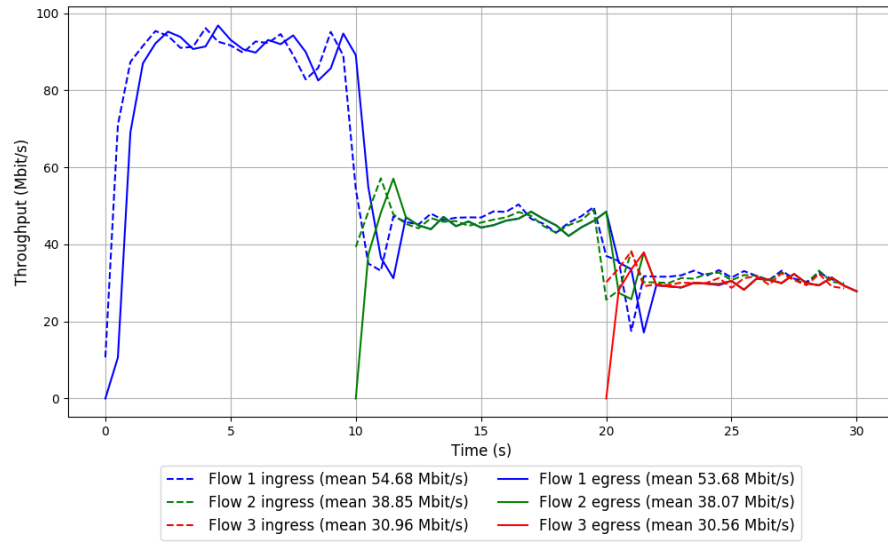


Run 1: Statistics of FillP-Sheep

Start at: 2018-07-25 07:36:19
End at: 2018-07-25 07:36:49
Local clock offset: -5.943 ms
Remote clock offset: -6.529 ms

Below is generated by plot.py at 2018-07-25 10:55:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.16 Mbit/s
95th percentile per-packet one-way delay: 31.393 ms
Loss rate: 1.84%
-- Flow 1:
Average throughput: 53.68 Mbit/s
95th percentile per-packet one-way delay: 29.596 ms
Loss rate: 1.84%
-- Flow 2:
Average throughput: 38.07 Mbit/s
95th percentile per-packet one-way delay: 33.690 ms
Loss rate: 2.04%
-- Flow 3:
Average throughput: 30.56 Mbit/s
95th percentile per-packet one-way delay: 34.385 ms
Loss rate: 1.34%

Run 1: Report of FillP-Sheep — Data Link

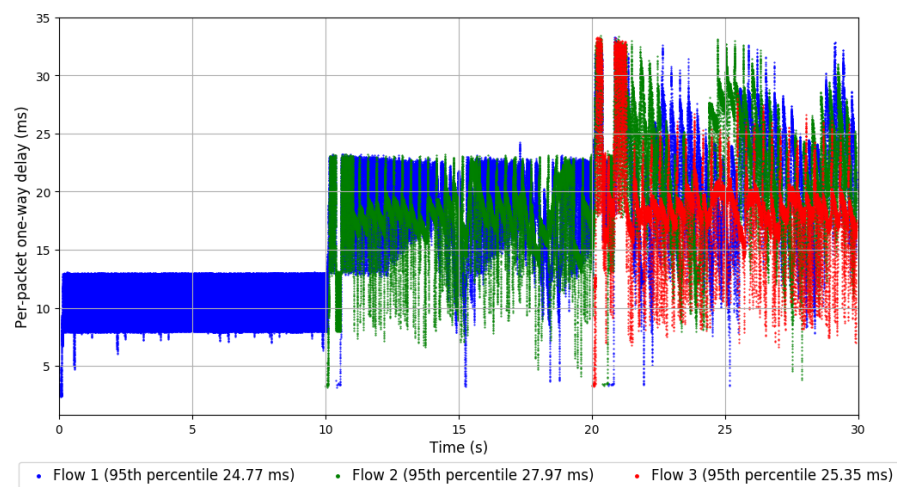
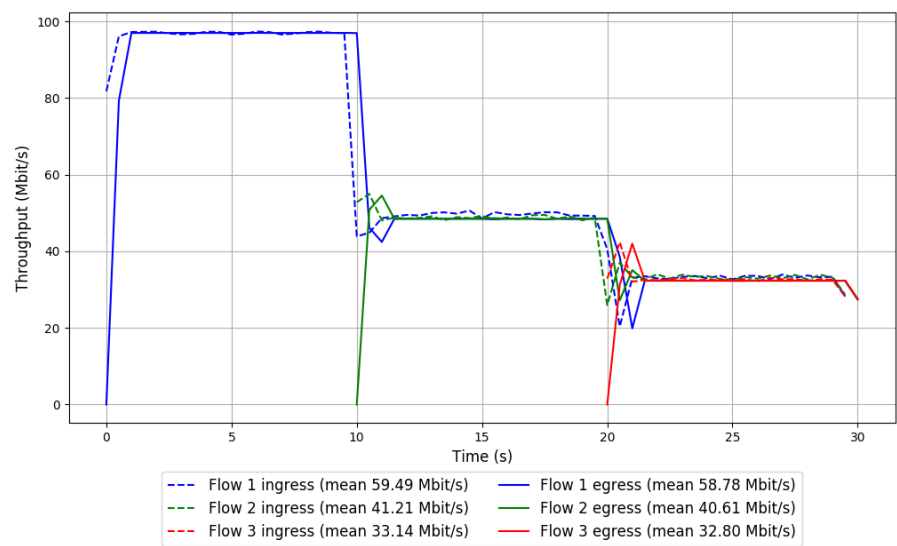


Run 2: Statistics of FillP-Sheep

Start at: 2018-07-25 07:55:28
End at: 2018-07-25 07:55:58
Local clock offset: -2.092 ms
Remote clock offset: -5.751 ms

Below is generated by plot.py at 2018-07-25 10:55:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.68 Mbit/s
95th percentile per-packet one-way delay: 26.266 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 58.78 Mbit/s
95th percentile per-packet one-way delay: 24.765 ms
Loss rate: 1.20%
-- Flow 2:
Average throughput: 40.61 Mbit/s
95th percentile per-packet one-way delay: 27.972 ms
Loss rate: 1.46%
-- Flow 3:
Average throughput: 32.80 Mbit/s
95th percentile per-packet one-way delay: 25.354 ms
Loss rate: 1.07%

Run 2: Report of FillP-Sheep — Data Link

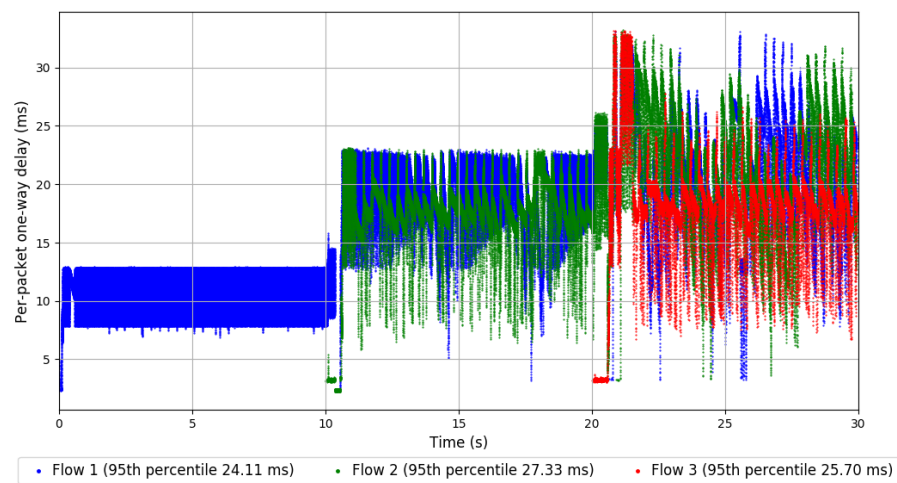
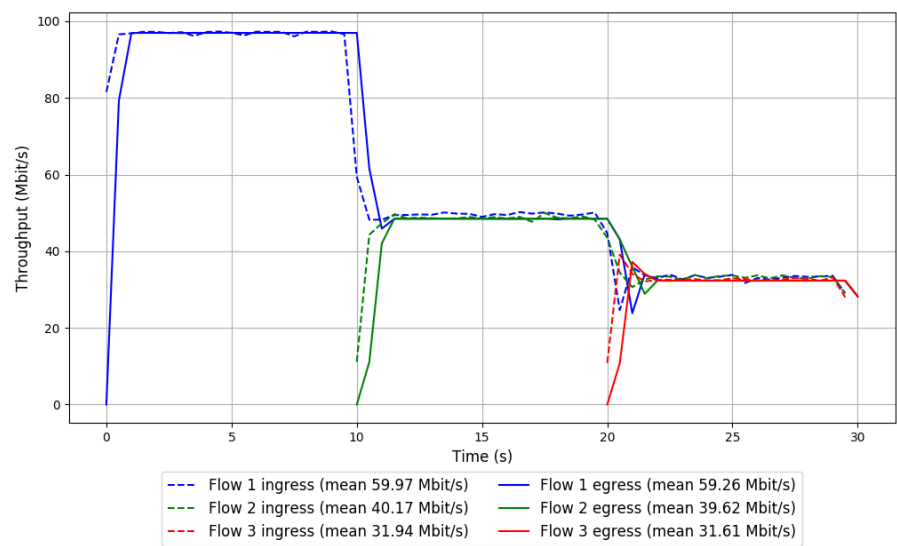


Run 3: Statistics of FillP-Sheep

Start at: 2018-07-25 08:14:38
End at: 2018-07-25 08:15:08
Local clock offset: -1.668 ms
Remote clock offset: -2.404 ms

Below is generated by plot.py at 2018-07-25 10:55:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.12 Mbit/s
95th percentile per-packet one-way delay: 25.630 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 59.26 Mbit/s
95th percentile per-packet one-way delay: 24.110 ms
Loss rate: 1.18%
-- Flow 2:
Average throughput: 39.62 Mbit/s
95th percentile per-packet one-way delay: 27.331 ms
Loss rate: 1.39%
-- Flow 3:
Average throughput: 31.61 Mbit/s
95th percentile per-packet one-way delay: 25.702 ms
Loss rate: 1.03%

Run 3: Report of FillP-Sheep — Data Link

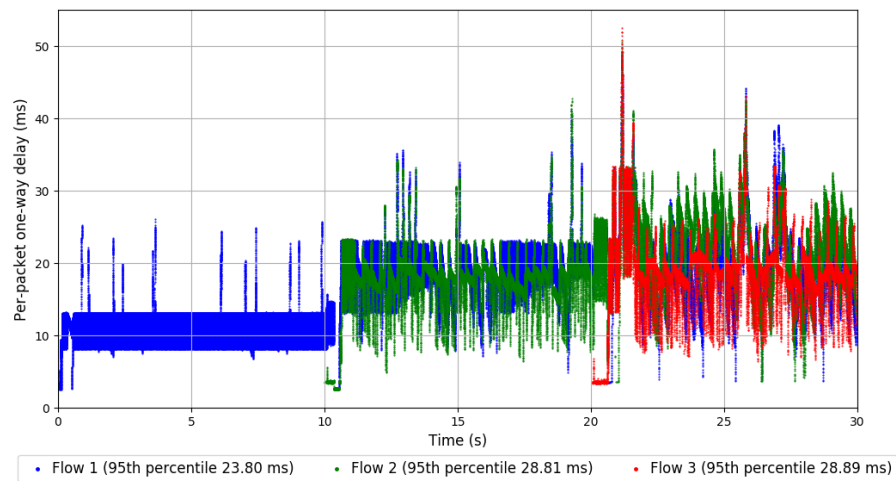
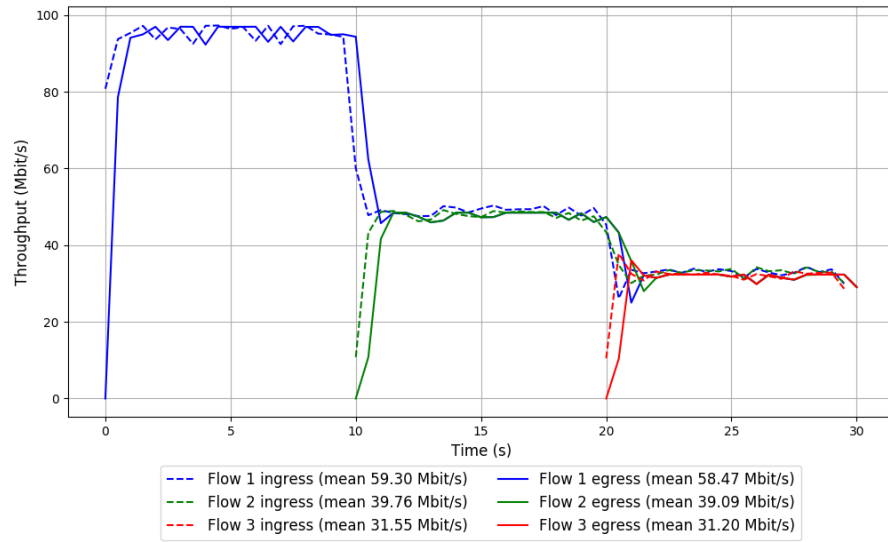


Run 4: Statistics of FillP-Sheep

Start at: 2018-07-25 08:33:48
End at: 2018-07-25 08:34:18
Local clock offset: -2.635 ms
Remote clock offset: -4.242 ms

Below is generated by plot.py at 2018-07-25 10:55:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.83 Mbit/s
95th percentile per-packet one-way delay: 26.888 ms
Loss rate: 1.46%
-- Flow 1:
Average throughput: 58.47 Mbit/s
95th percentile per-packet one-way delay: 23.800 ms
Loss rate: 1.42%
-- Flow 2:
Average throughput: 39.09 Mbit/s
95th percentile per-packet one-way delay: 28.813 ms
Loss rate: 1.70%
-- Flow 3:
Average throughput: 31.20 Mbit/s
95th percentile per-packet one-way delay: 28.894 ms
Loss rate: 1.10%

Run 4: Report of FillP-Sheep — Data Link

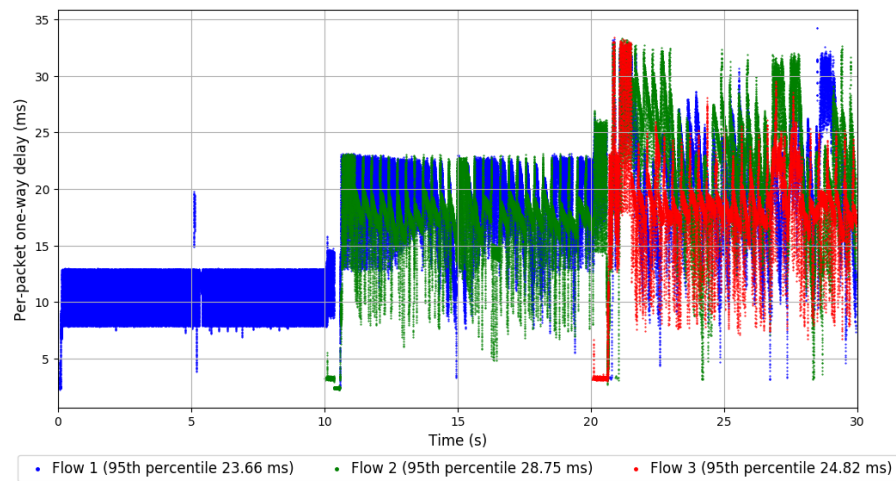
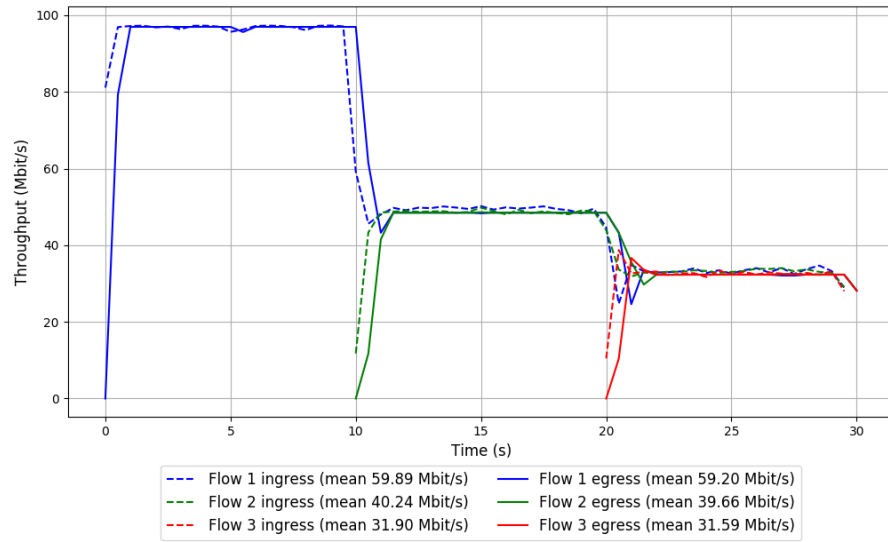


Run 5: Statistics of FillP-Sheep

Start at: 2018-07-25 08:52:58
End at: 2018-07-25 08:53:28
Local clock offset: -7.381 ms
Remote clock offset: -6.901 ms

Below is generated by plot.py at 2018-07-25 10:56:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.05 Mbit/s
95th percentile per-packet one-way delay: 26.084 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 59.20 Mbit/s
95th percentile per-packet one-way delay: 23.661 ms
Loss rate: 1.16%
-- Flow 2:
Average throughput: 39.66 Mbit/s
95th percentile per-packet one-way delay: 28.745 ms
Loss rate: 1.44%
-- Flow 3:
Average throughput: 31.59 Mbit/s
95th percentile per-packet one-way delay: 24.815 ms
Loss rate: 0.99%

Run 5: Report of FillP-Sheep — Data Link

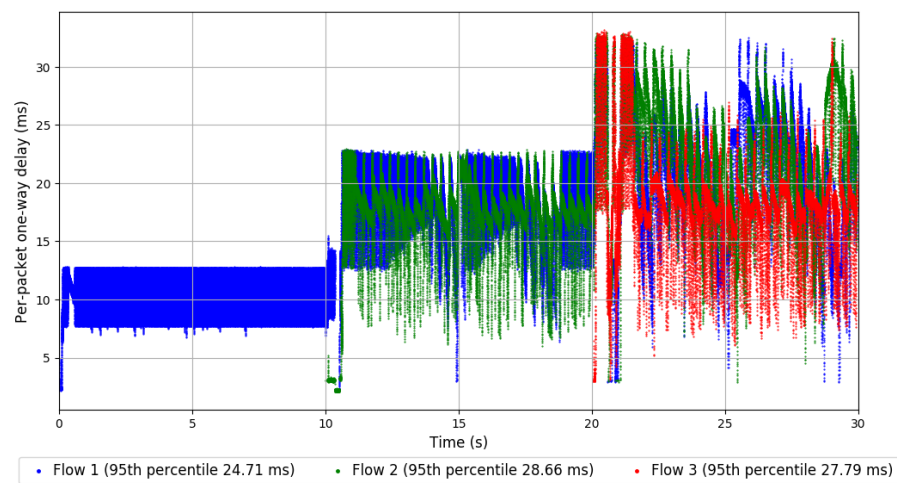
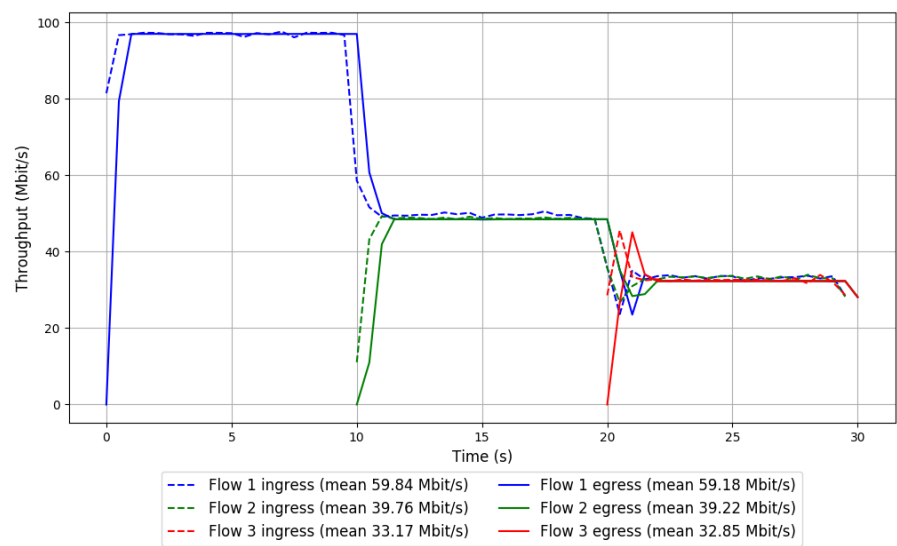


Run 6: Statistics of FillP-Sheep

Start at: 2018-07-25 09:12:09
End at: 2018-07-25 09:12:39
Local clock offset: -3.883 ms
Remote clock offset: -6.963 ms

Below is generated by plot.py at 2018-07-25 10:56:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.17 Mbit/s
95th percentile per-packet one-way delay: 26.770 ms
Loss rate: 1.15%
-- Flow 1:
Average throughput: 59.18 Mbit/s
95th percentile per-packet one-way delay: 24.708 ms
Loss rate: 1.08%
-- Flow 2:
Average throughput: 39.22 Mbit/s
95th percentile per-packet one-way delay: 28.665 ms
Loss rate: 1.37%
-- Flow 3:
Average throughput: 32.85 Mbit/s
95th percentile per-packet one-way delay: 27.788 ms
Loss rate: 1.01%

Run 6: Report of FillP-Sheep — Data Link

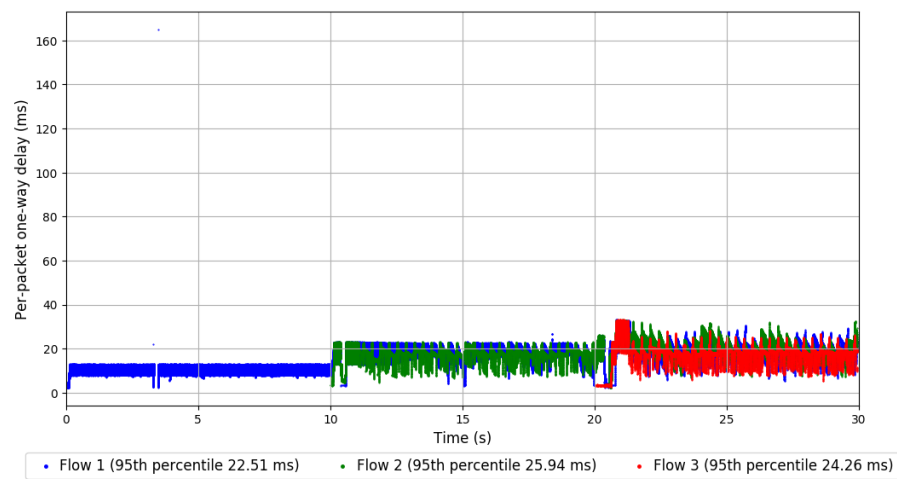
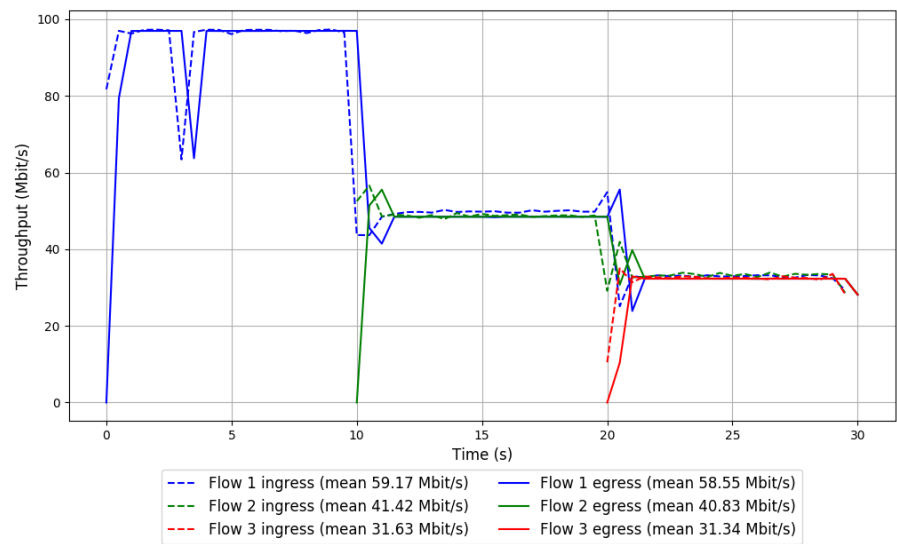


Run 7: Statistics of FillP-Sheep

Start at: 2018-07-25 09:31:19
End at: 2018-07-25 09:31:49
Local clock offset: -1.894 ms
Remote clock offset: -7.035 ms

Below is generated by plot.py at 2018-07-25 10:56:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.10 Mbit/s
95th percentile per-packet one-way delay: 23.933 ms
Loss rate: 1.17%
-- Flow 1:
Average throughput: 58.55 Mbit/s
95th percentile per-packet one-way delay: 22.514 ms
Loss rate: 1.06%
-- Flow 2:
Average throughput: 40.83 Mbit/s
95th percentile per-packet one-way delay: 25.941 ms
Loss rate: 1.47%
-- Flow 3:
Average throughput: 31.34 Mbit/s
95th percentile per-packet one-way delay: 24.264 ms
Loss rate: 0.98%

Run 7: Report of FillP-Sheep — Data Link



Run 8: Statistics of FillP-Sheep

Start at: 2018-07-25 09:50:30

End at: 2018-07-25 09:51:00

Local clock offset: -2.305 ms

Remote clock offset: -3.52 ms

Below is generated by plot.py at 2018-07-25 10:56:56

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.13 Mbit/s

95th percentile per-packet one-way delay: 26.558 ms

Loss rate: 1.09%

-- Flow 1:

Average throughput: 59.15 Mbit/s

95th percentile per-packet one-way delay: 24.683 ms

Loss rate: 1.01%

-- Flow 2:

Average throughput: 39.28 Mbit/s

95th percentile per-packet one-way delay: 28.442 ms

Loss rate: 1.34%

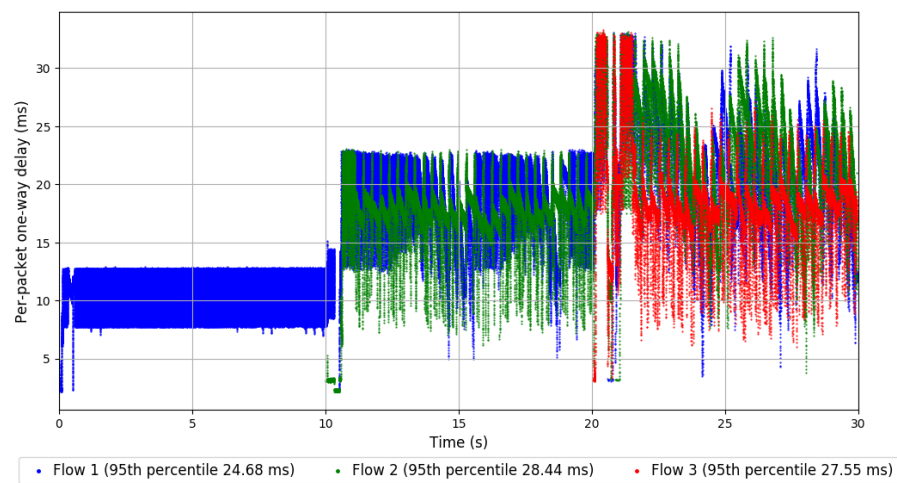
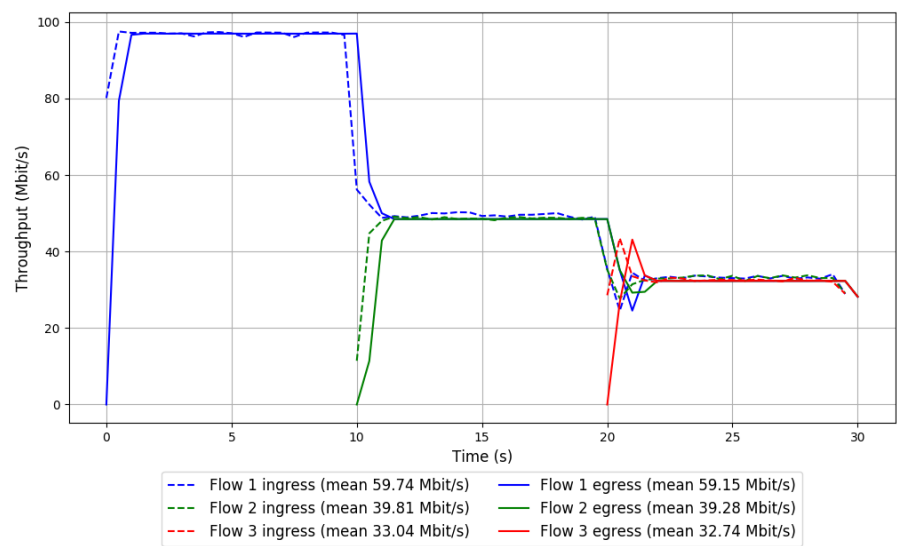
-- Flow 3:

Average throughput: 32.74 Mbit/s

95th percentile per-packet one-way delay: 27.548 ms

Loss rate: 0.91%

Run 8: Report of FillP-Sheep — Data Link

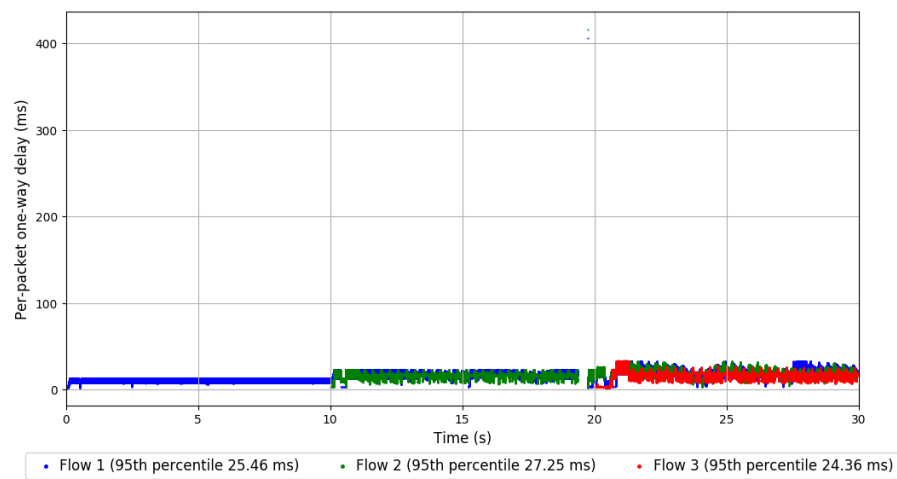
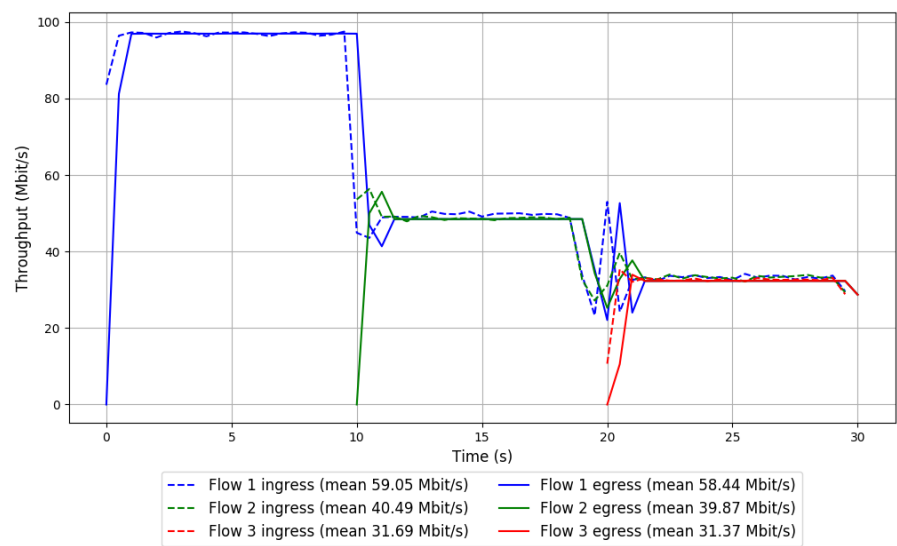


Run 9: Statistics of FillP-Sheep

Start at: 2018-07-25 10:09:41
End at: 2018-07-25 10:10:11
Local clock offset: -5.195 ms
Remote clock offset: -2.118 ms

Below is generated by plot.py at 2018-07-25 10:57:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.37 Mbit/s
95th percentile per-packet one-way delay: 26.104 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 58.44 Mbit/s
95th percentile per-packet one-way delay: 25.461 ms
Loss rate: 1.04%
-- Flow 2:
Average throughput: 39.87 Mbit/s
95th percentile per-packet one-way delay: 27.245 ms
Loss rate: 1.53%
-- Flow 3:
Average throughput: 31.37 Mbit/s
95th percentile per-packet one-way delay: 24.361 ms
Loss rate: 1.06%

Run 9: Report of FillP-Sheep — Data Link



Run 10: Statistics of FillP-Sheep

Start at: 2018-07-25 10:28:51

End at: 2018-07-25 10:29:21

Local clock offset: -7.689 ms

Remote clock offset: -2.65 ms

Below is generated by plot.py at 2018-07-25 10:57:23

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.60 Mbit/s

95th percentile per-packet one-way delay: 24.565 ms

Loss rate: 1.21%

-- Flow 1:

Average throughput: 59.05 Mbit/s

95th percentile per-packet one-way delay: 22.500 ms

Loss rate: 1.14%

-- Flow 2:

Average throughput: 40.75 Mbit/s

95th percentile per-packet one-way delay: 27.170 ms

Loss rate: 1.40%

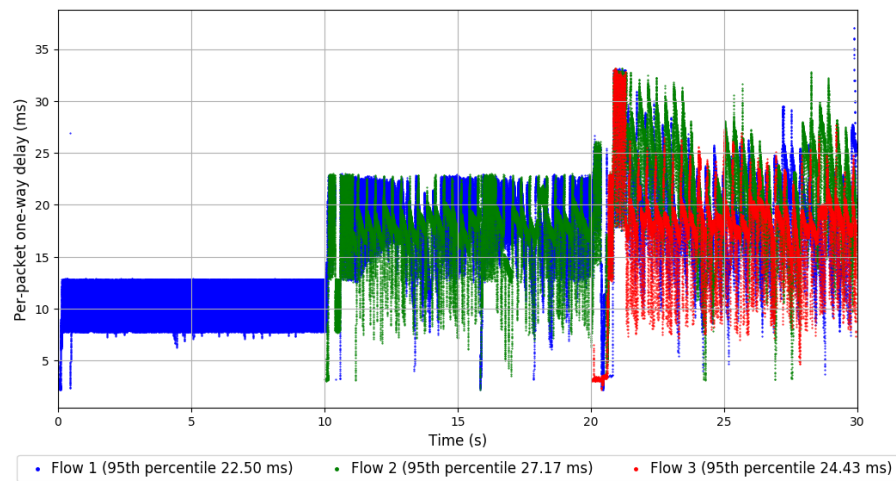
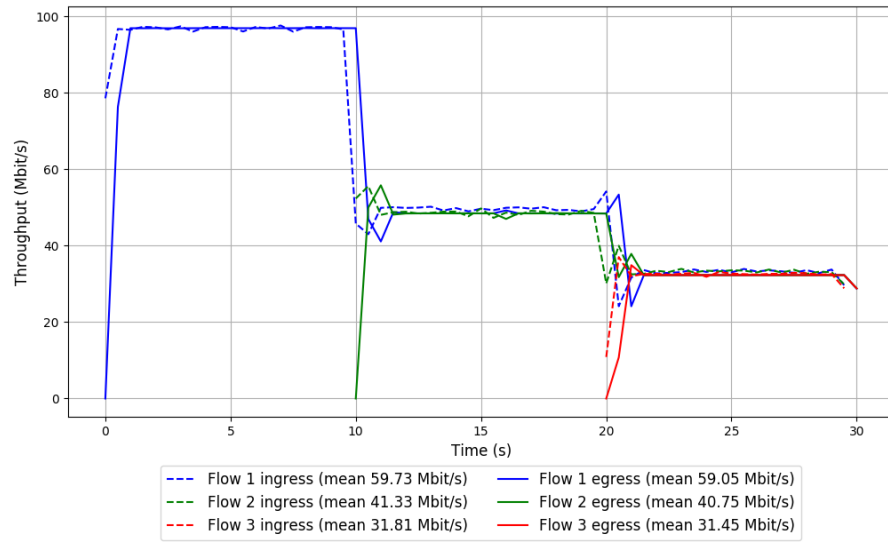
-- Flow 3:

Average throughput: 31.45 Mbit/s

95th percentile per-packet one-way delay: 24.425 ms

Loss rate: 1.11%

Run 10: Report of FillP-Sheep — Data Link

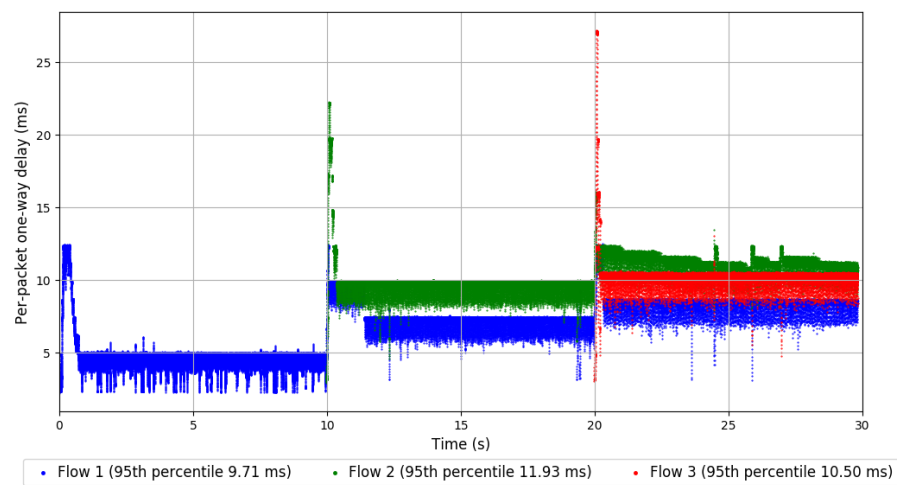
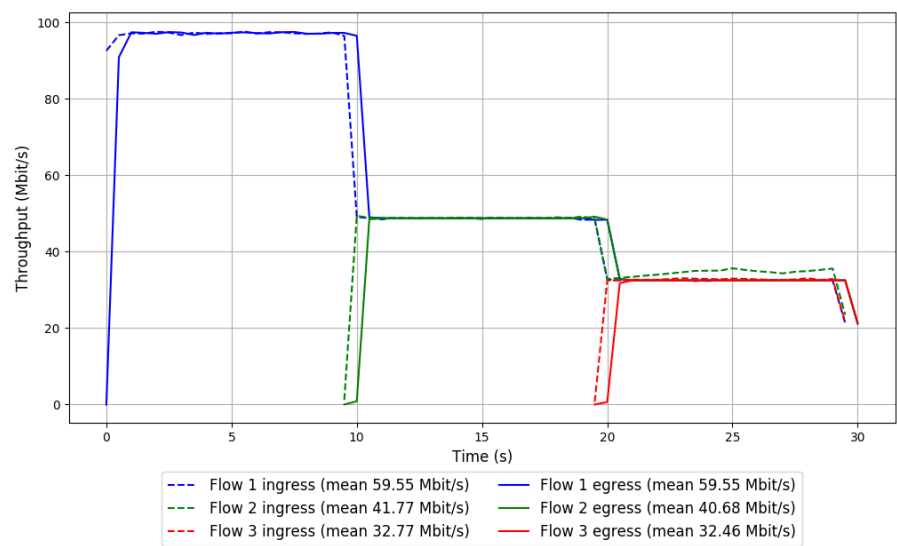


Run 1: Statistics of Indigo

Start at: 2018-07-25 07:47:31
End at: 2018-07-25 07:48:01
Local clock offset: -2.984 ms
Remote clock offset: -6.446 ms

Below is generated by plot.py at 2018-07-25 10:57:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.34 Mbit/s
95th percentile per-packet one-way delay: 11.438 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 59.55 Mbit/s
95th percentile per-packet one-way delay: 9.709 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 40.68 Mbit/s
95th percentile per-packet one-way delay: 11.932 ms
Loss rate: 2.64%
-- Flow 3:
Average throughput: 32.46 Mbit/s
95th percentile per-packet one-way delay: 10.497 ms
Loss rate: 1.00%

Run 1: Report of Indigo — Data Link

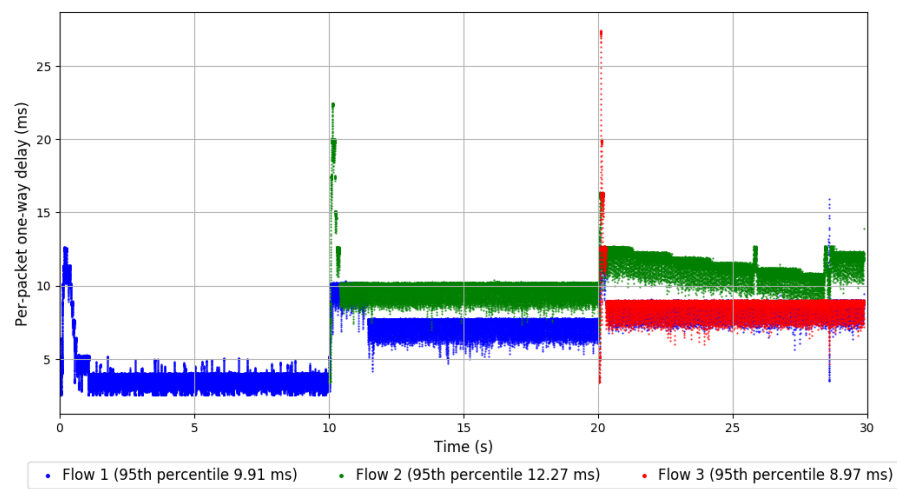
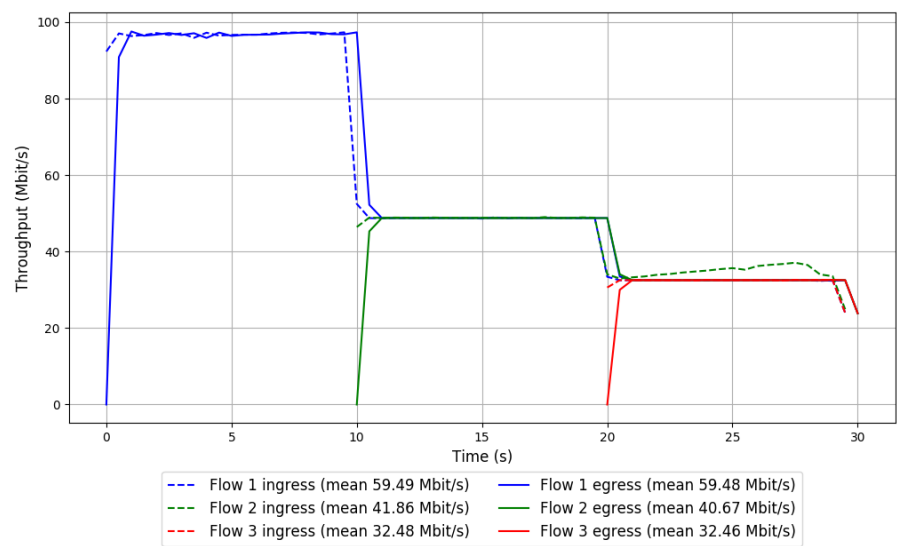


Run 2: Statistics of Indigo

Start at: 2018-07-25 08:06:41
End at: 2018-07-25 08:07:11
Local clock offset: -1.745 ms
Remote clock offset: -3.369 ms

Below is generated by plot.py at 2018-07-25 10:57:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.22 Mbit/s
95th percentile per-packet one-way delay: 11.773 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 59.48 Mbit/s
95th percentile per-packet one-way delay: 9.913 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 40.67 Mbit/s
95th percentile per-packet one-way delay: 12.274 ms
Loss rate: 2.85%
-- Flow 3:
Average throughput: 32.46 Mbit/s
95th percentile per-packet one-way delay: 8.968 ms
Loss rate: 0.11%

Run 2: Report of Indigo — Data Link

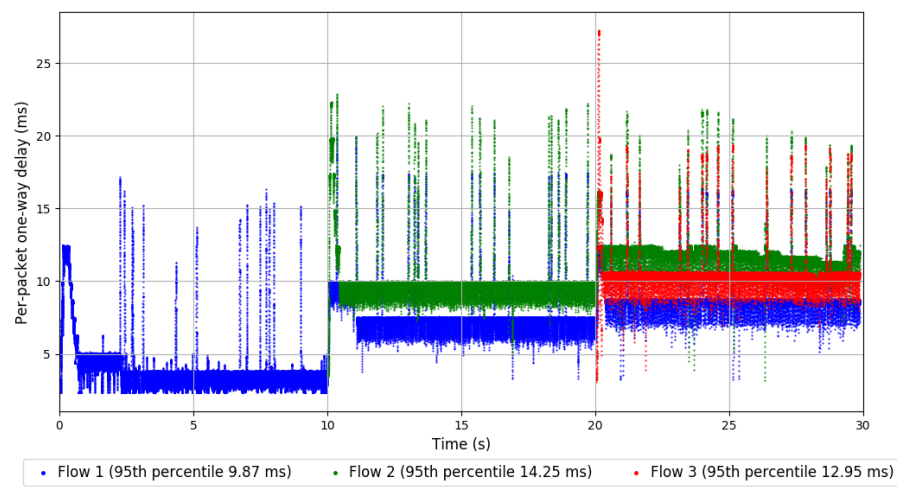
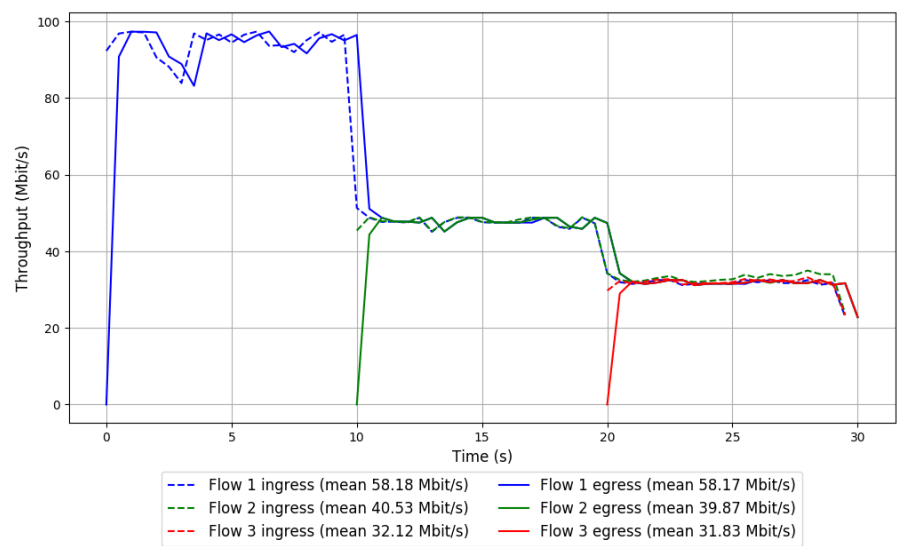


Run 3: Statistics of Indigo

Start at: 2018-07-25 08:25:51
End at: 2018-07-25 08:26:21
Local clock offset: -1.417 ms
Remote clock offset: -1.598 ms

Below is generated by plot.py at 2018-07-25 10:57:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.15 Mbit/s
95th percentile per-packet one-way delay: 12.216 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 58.17 Mbit/s
95th percentile per-packet one-way delay: 9.874 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 39.87 Mbit/s
95th percentile per-packet one-way delay: 14.247 ms
Loss rate: 1.66%
-- Flow 3:
Average throughput: 31.83 Mbit/s
95th percentile per-packet one-way delay: 12.954 ms
Loss rate: 0.95%

Run 3: Report of Indigo — Data Link

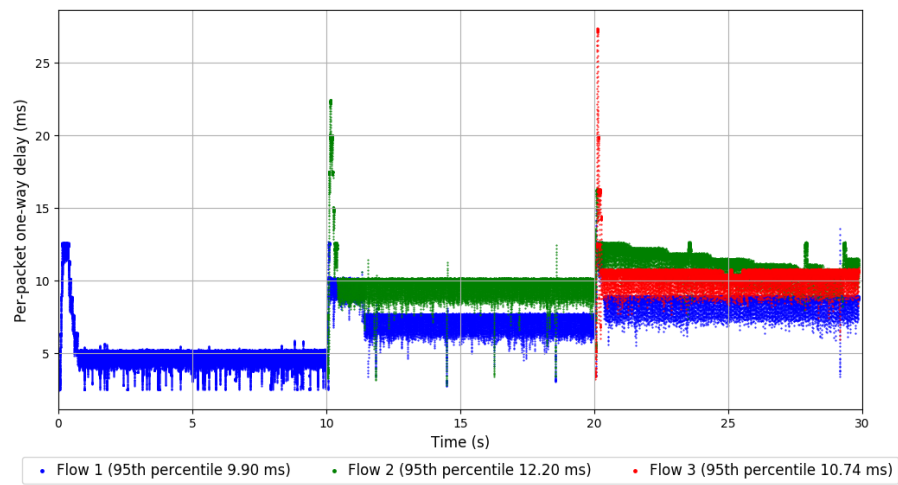
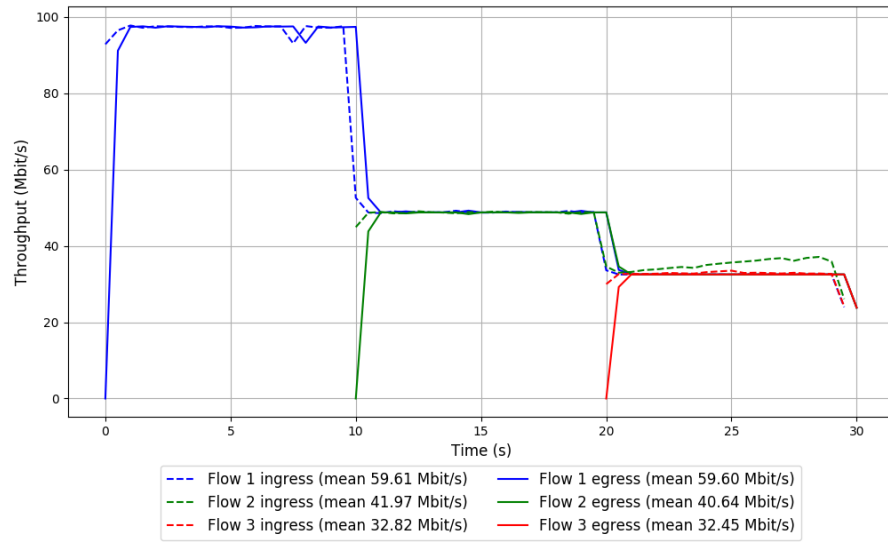


Run 4: Statistics of Indigo

Start at: 2018-07-25 08:45:01
End at: 2018-07-25 08:45:31
Local clock offset: -6.266 ms
Remote clock offset: -6.316 ms

Below is generated by plot.py at 2018-07-25 10:57:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.28 Mbit/s
95th percentile per-packet one-way delay: 11.642 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 59.60 Mbit/s
95th percentile per-packet one-way delay: 9.900 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 40.64 Mbit/s
95th percentile per-packet one-way delay: 12.204 ms
Loss rate: 3.19%
-- Flow 3:
Average throughput: 32.45 Mbit/s
95th percentile per-packet one-way delay: 10.744 ms
Loss rate: 1.16%

Run 4: Report of Indigo — Data Link

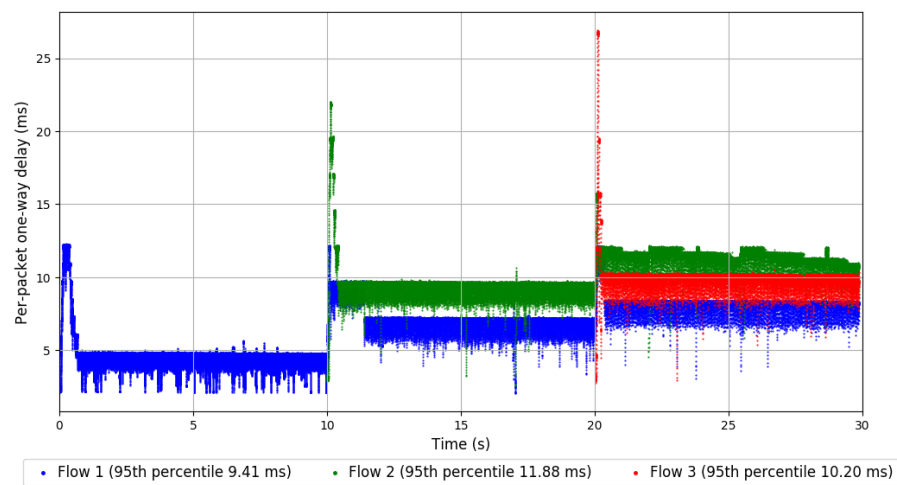
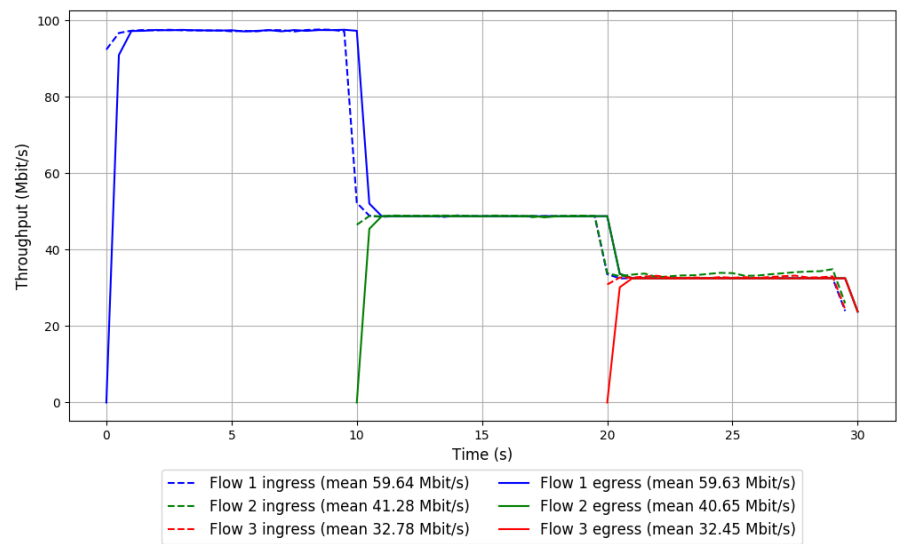


Run 5: Statistics of Indigo

Start at: 2018-07-25 09:04:12
End at: 2018-07-25 09:04:42
Local clock offset: -6.58 ms
Remote clock offset: -7.171 ms

Below is generated by plot.py at 2018-07-25 10:58:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.36 Mbit/s
95th percentile per-packet one-way delay: 11.544 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 59.63 Mbit/s
95th percentile per-packet one-way delay: 9.412 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 40.65 Mbit/s
95th percentile per-packet one-way delay: 11.883 ms
Loss rate: 1.55%
-- Flow 3:
Average throughput: 32.45 Mbit/s
95th percentile per-packet one-way delay: 10.198 ms
Loss rate: 1.05%

Run 5: Report of Indigo — Data Link

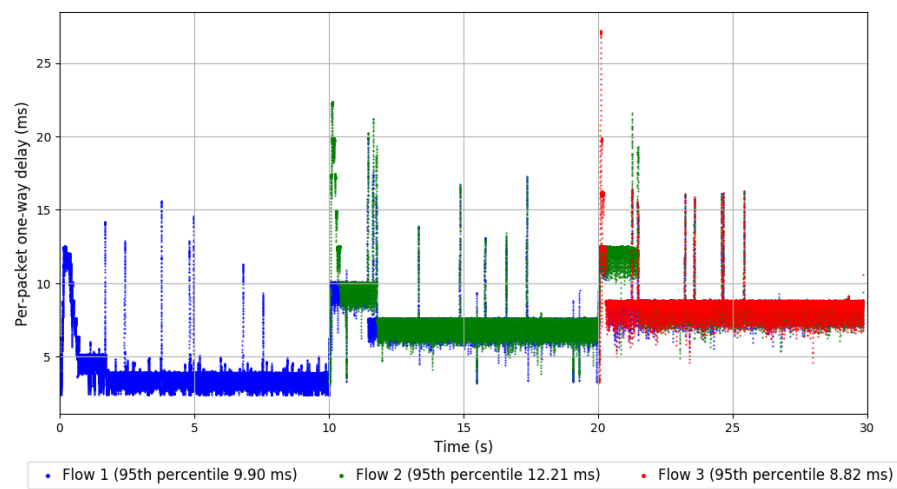
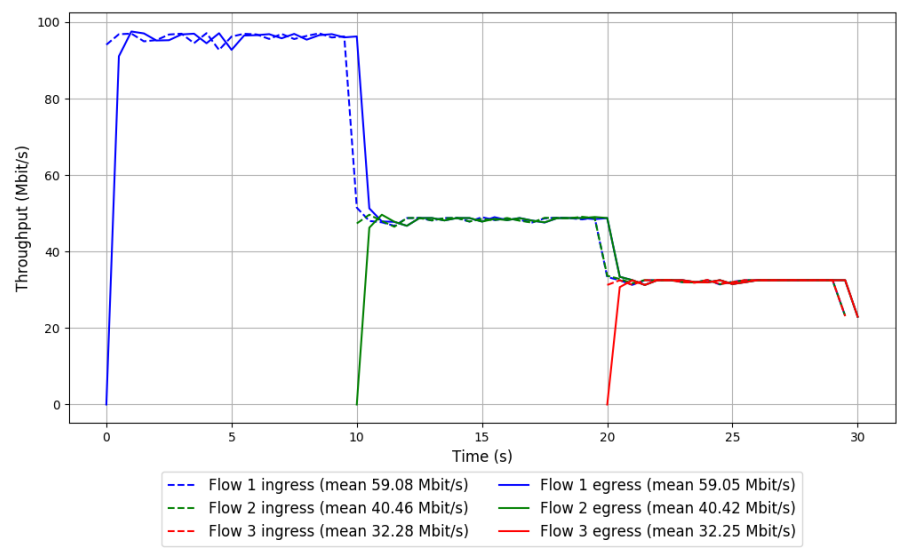


Run 6: Statistics of Indigo

Start at: 2018-07-25 09:23:22
End at: 2018-07-25 09:23:52
Local clock offset: -2.376 ms
Remote clock offset: -7.071 ms

Below is generated by plot.py at 2018-07-25 10:58:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.55 Mbit/s
95th percentile per-packet one-way delay: 10.034 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 59.05 Mbit/s
95th percentile per-packet one-way delay: 9.901 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 40.42 Mbit/s
95th percentile per-packet one-way delay: 12.209 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 32.25 Mbit/s
95th percentile per-packet one-way delay: 8.822 ms
Loss rate: 0.11%

Run 6: Report of Indigo — Data Link

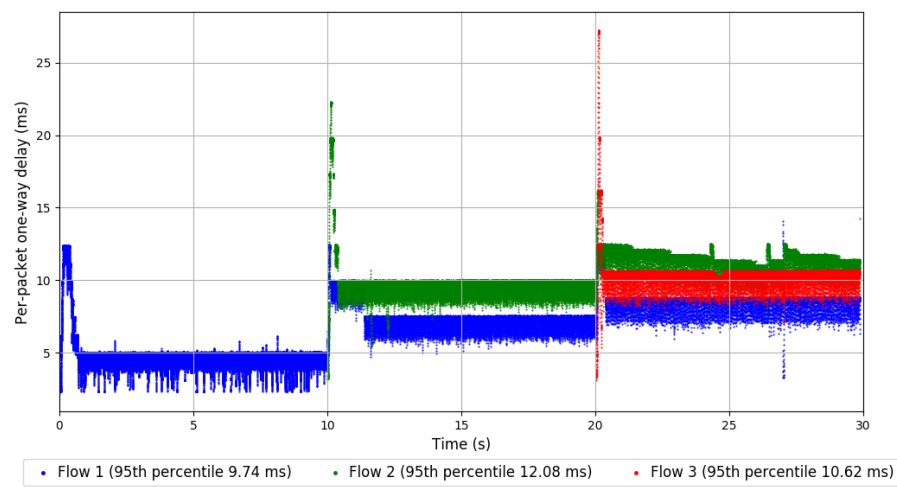
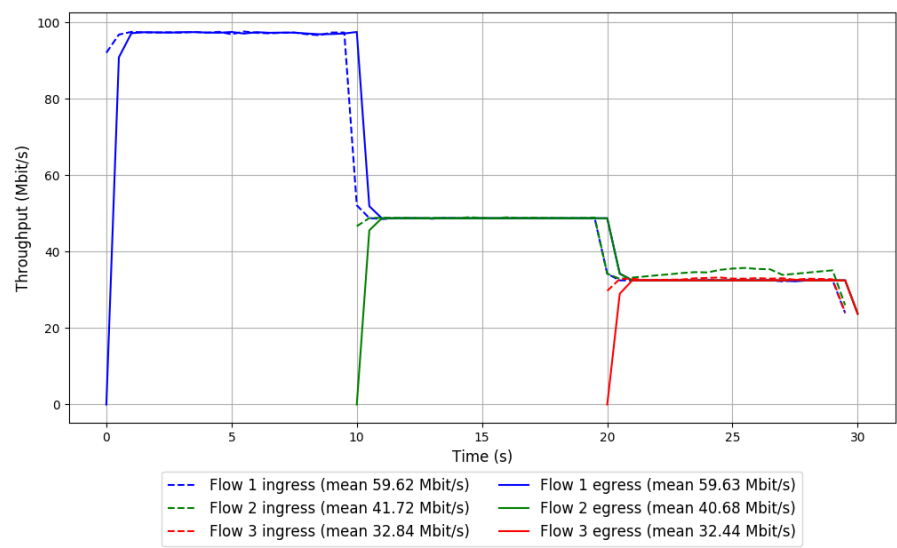


Run 7: Statistics of Indigo

Start at: 2018-07-25 09:42:32
End at: 2018-07-25 09:43:02
Local clock offset: -2.298 ms
Remote clock offset: -4.855 ms

Below is generated by plot.py at 2018-07-25 10:58:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.35 Mbit/s
95th percentile per-packet one-way delay: 11.622 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 59.63 Mbit/s
95th percentile per-packet one-way delay: 9.739 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 40.68 Mbit/s
95th percentile per-packet one-way delay: 12.083 ms
Loss rate: 2.50%
-- Flow 3:
Average throughput: 32.44 Mbit/s
95th percentile per-packet one-way delay: 10.619 ms
Loss rate: 1.24%

Run 7: Report of Indigo — Data Link

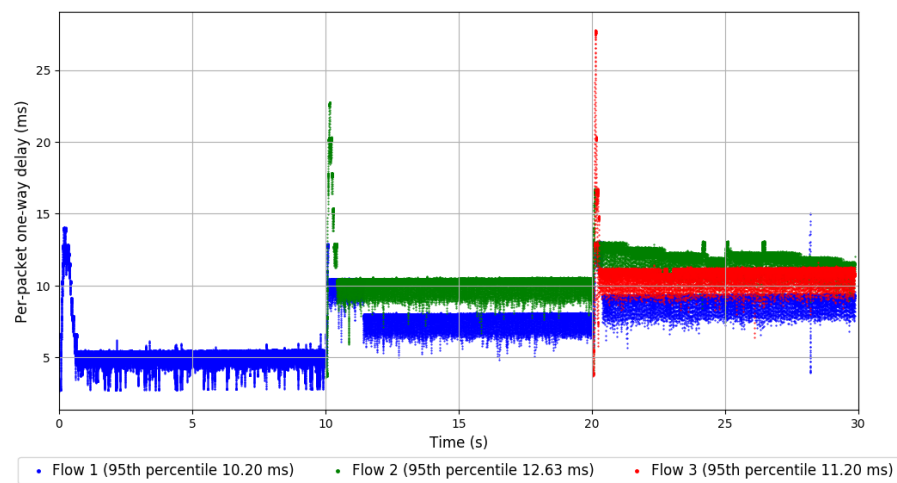
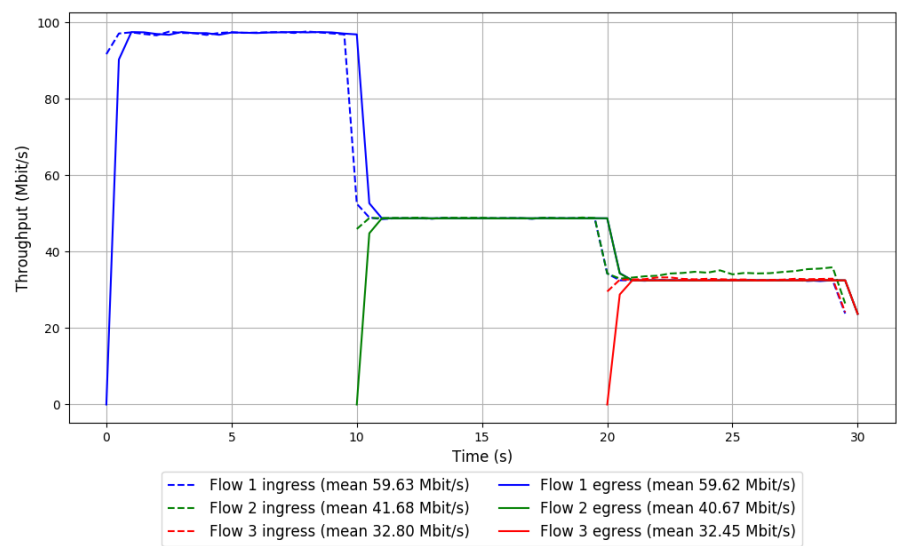


Run 8: Statistics of Indigo

Start at: 2018-07-25 10:01:44
End at: 2018-07-25 10:02:14
Local clock offset: -2.22 ms
Remote clock offset: -2.644 ms

Below is generated by plot.py at 2018-07-25 10:58:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.33 Mbit/s
95th percentile per-packet one-way delay: 12.186 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 59.62 Mbit/s
95th percentile per-packet one-way delay: 10.198 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 40.67 Mbit/s
95th percentile per-packet one-way delay: 12.631 ms
Loss rate: 2.45%
-- Flow 3:
Average throughput: 32.45 Mbit/s
95th percentile per-packet one-way delay: 11.197 ms
Loss rate: 1.10%

Run 8: Report of Indigo — Data Link

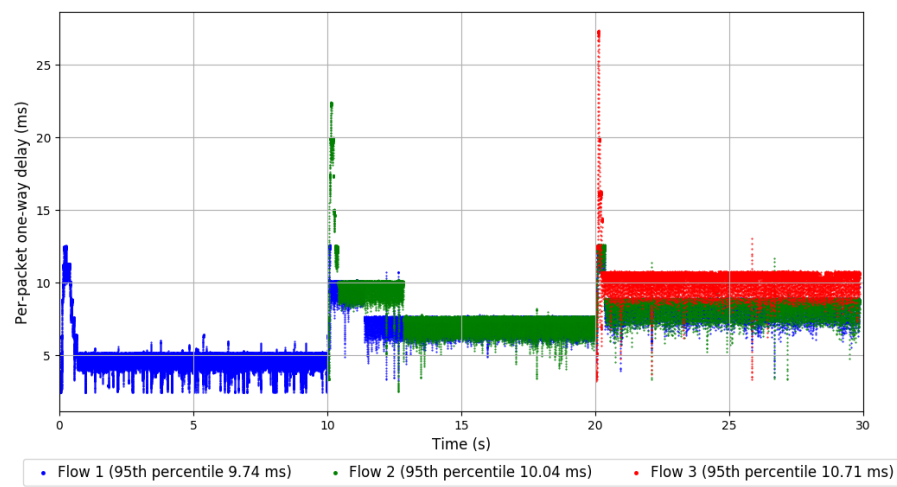
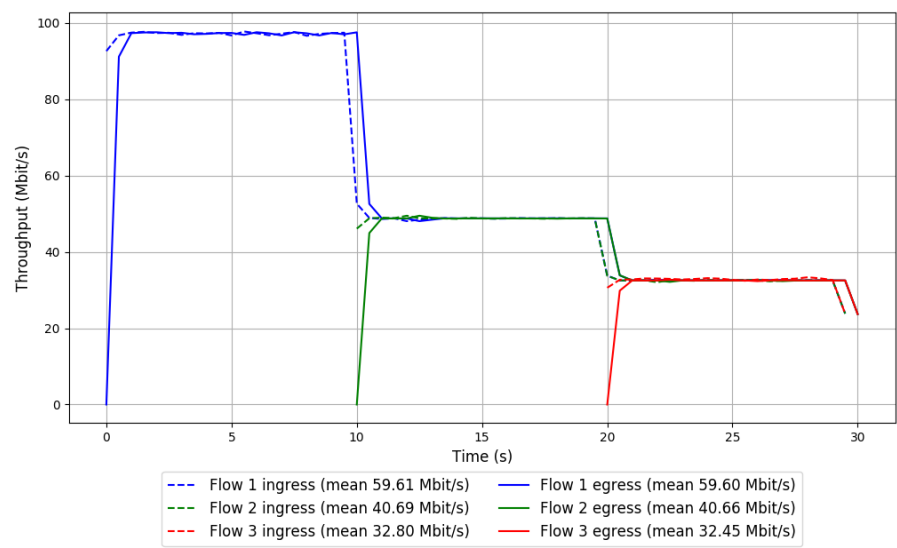


Run 9: Statistics of Indigo

Start at: 2018-07-25 10:20:54
End at: 2018-07-25 10:21:24
Local clock offset: -6.985 ms
Remote clock offset: -2.688 ms

Below is generated by plot.py at 2018-07-25 10:58:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.32 Mbit/s
95th percentile per-packet one-way delay: 10.576 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 59.60 Mbit/s
95th percentile per-packet one-way delay: 9.745 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 40.66 Mbit/s
95th percentile per-packet one-way delay: 10.045 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 32.45 Mbit/s
95th percentile per-packet one-way delay: 10.707 ms
Loss rate: 1.11%

Run 9: Report of Indigo — Data Link

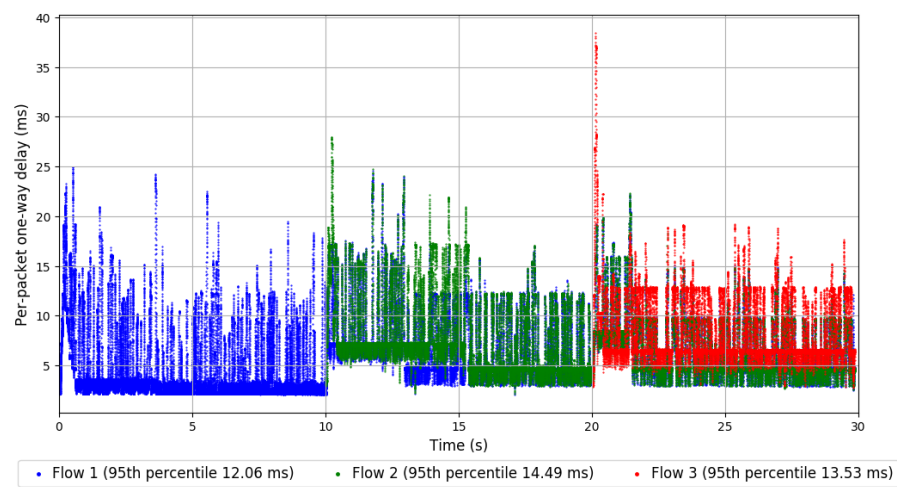
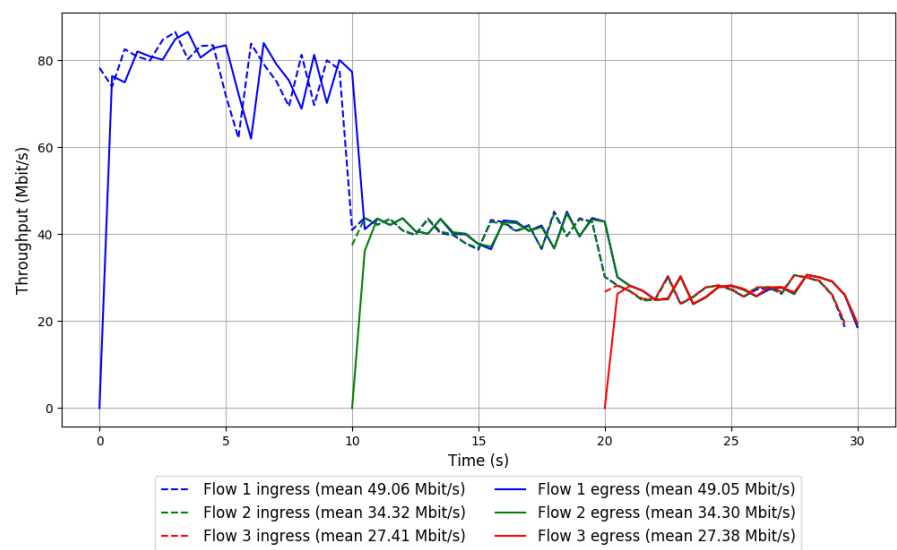


Run 10: Statistics of Indigo

Start at: 2018-07-25 10:40:04
End at: 2018-07-25 10:40:34
Local clock offset: -3.942 ms
Remote clock offset: -2.451 ms

Below is generated by plot.py at 2018-07-25 10:58:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.88 Mbit/s
95th percentile per-packet one-way delay: 12.892 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 49.05 Mbit/s
95th percentile per-packet one-way delay: 12.059 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 34.30 Mbit/s
95th percentile per-packet one-way delay: 14.493 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 27.38 Mbit/s
95th percentile per-packet one-way delay: 13.526 ms
Loss rate: 0.13%

Run 10: Report of Indigo — Data Link

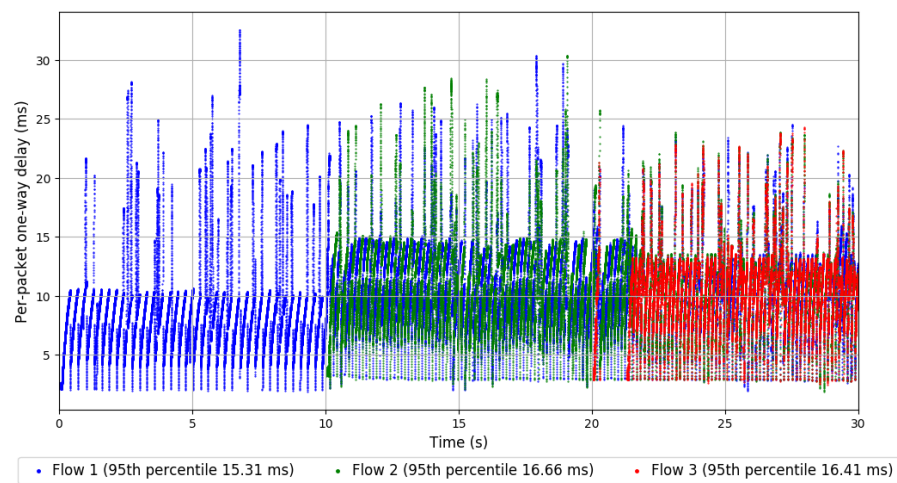
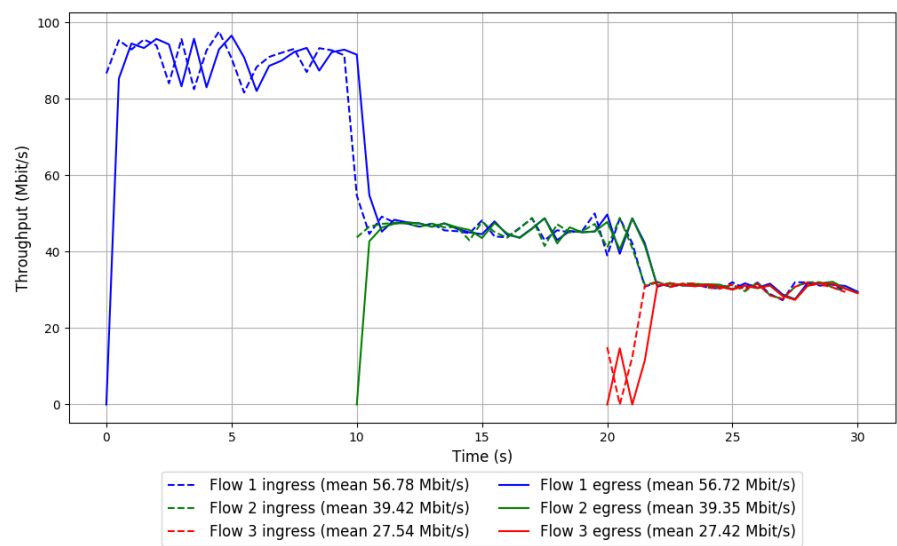


```
Run 1: Statistics of LEDBAT

Start at: 2018-07-25 07:34:03
End at: 2018-07-25 07:34:33
Local clock offset: -7.178 ms
Remote clock offset: -6.56 ms

# Below is generated by plot.py at 2018-07-25 10:58:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.01 Mbit/s
95th percentile per-packet one-way delay: 15.915 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 56.72 Mbit/s
95th percentile per-packet one-way delay: 15.307 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 39.35 Mbit/s
95th percentile per-packet one-way delay: 16.665 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 27.42 Mbit/s
95th percentile per-packet one-way delay: 16.406 ms
Loss rate: 0.48%
```

Run 1: Report of LEDBAT — Data Link

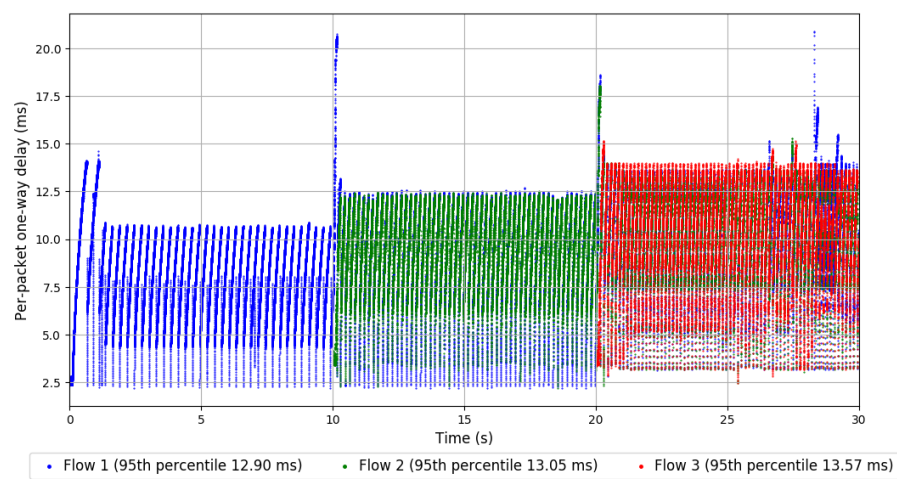
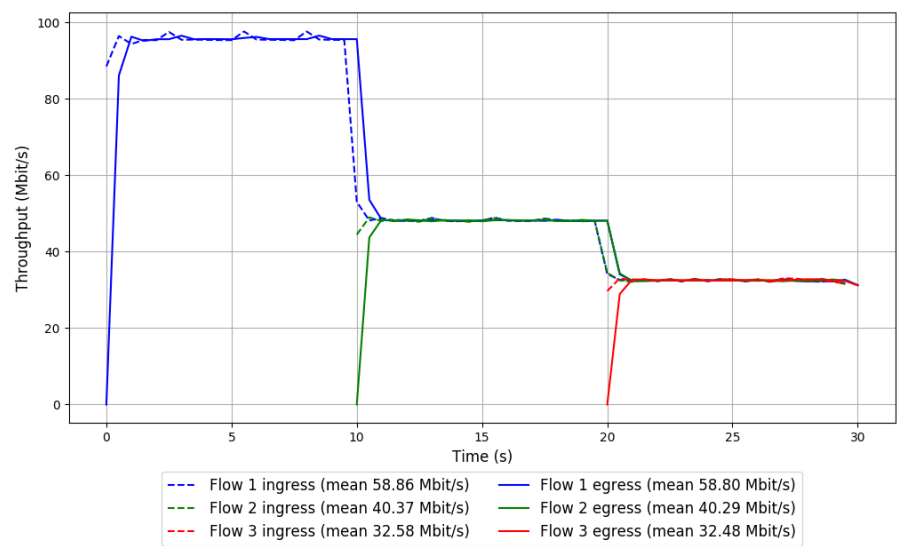


Run 2: Statistics of LEDBAT

Start at: 2018-07-25 07:53:12
End at: 2018-07-25 07:53:42
Local clock offset: -2.303 ms
Remote clock offset: -6.357 ms

Below is generated by plot.py at 2018-07-25 10:58:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.41 Mbit/s
95th percentile per-packet one-way delay: 13.140 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 58.80 Mbit/s
95th percentile per-packet one-way delay: 12.896 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 40.29 Mbit/s
95th percentile per-packet one-way delay: 13.054 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 32.48 Mbit/s
95th percentile per-packet one-way delay: 13.570 ms
Loss rate: 0.37%

Run 2: Report of LEDBAT — Data Link

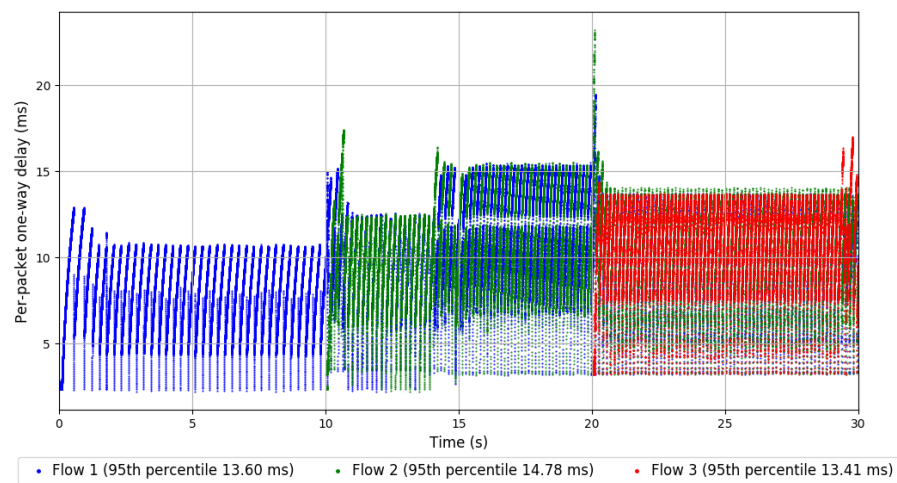
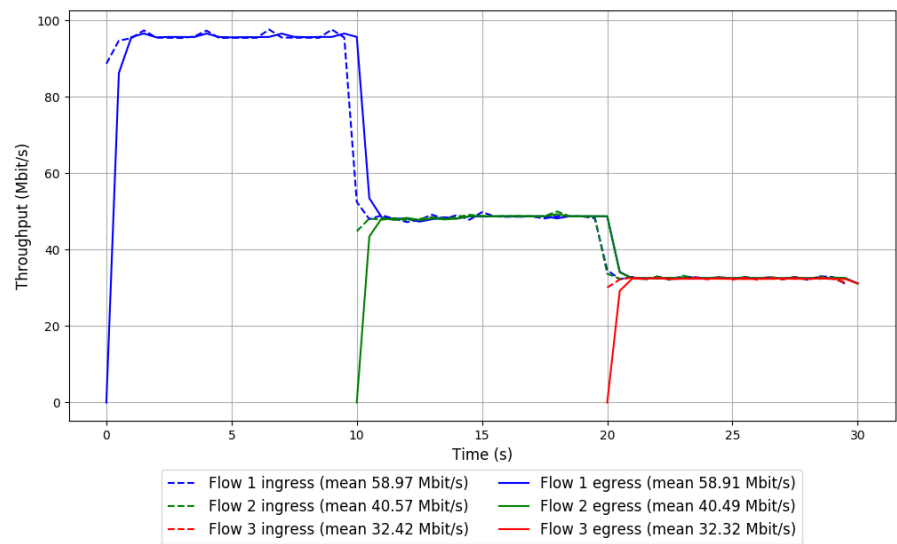


Run 3: Statistics of LEDBAT

Start at: 2018-07-25 08:12:22
End at: 2018-07-25 08:12:52
Local clock offset: -1.709 ms
Remote clock offset: -2.597 ms

Below is generated by plot.py at 2018-07-25 10:59:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.61 Mbit/s
95th percentile per-packet one-way delay: 14.036 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 58.91 Mbit/s
95th percentile per-packet one-way delay: 13.602 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 40.49 Mbit/s
95th percentile per-packet one-way delay: 14.782 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 32.32 Mbit/s
95th percentile per-packet one-way delay: 13.407 ms
Loss rate: 0.37%

Run 3: Report of LEDBAT — Data Link

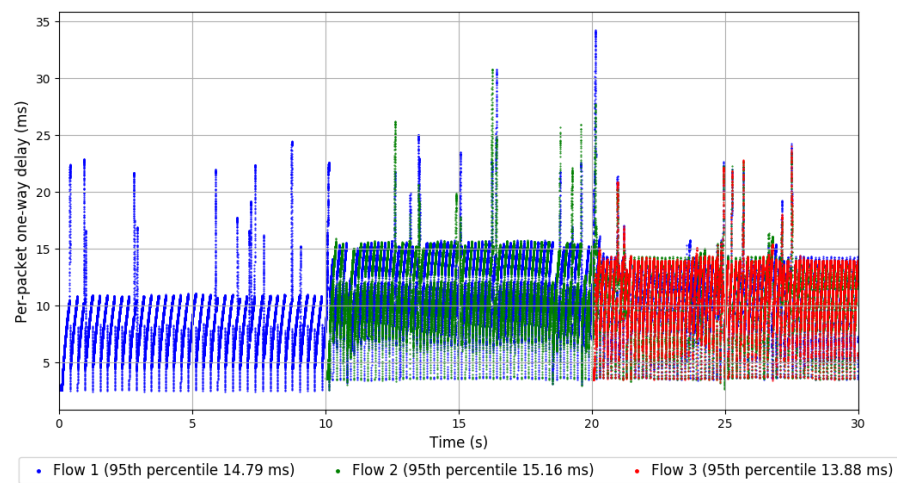
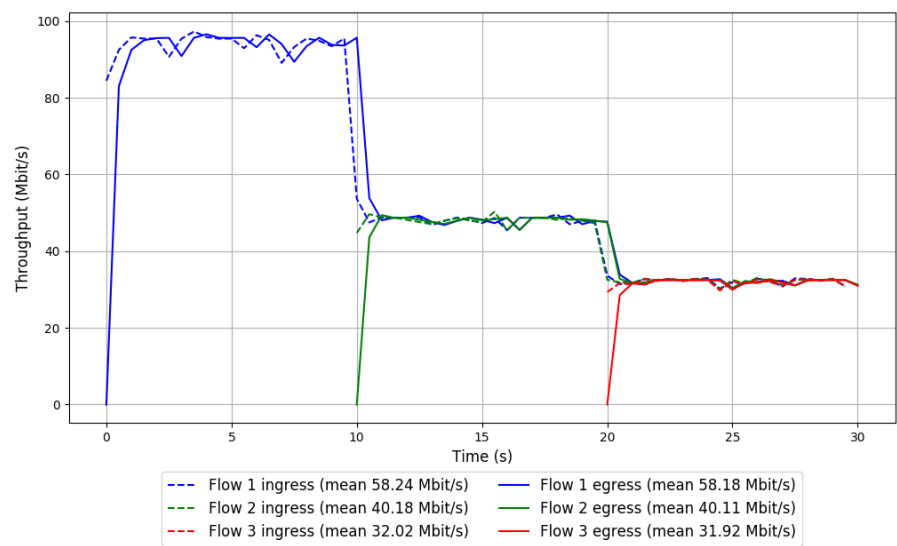


Run 4: Statistics of LEDBAT

Start at: 2018-07-25 08:31:32
End at: 2018-07-25 08:32:02
Local clock offset: -1.278 ms
Remote clock offset: -3.283 ms

Below is generated by plot.py at 2018-07-25 10:59:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.50 Mbit/s
95th percentile per-packet one-way delay: 14.922 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 58.18 Mbit/s
95th percentile per-packet one-way delay: 14.787 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.11 Mbit/s
95th percentile per-packet one-way delay: 15.161 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 31.92 Mbit/s
95th percentile per-packet one-way delay: 13.881 ms
Loss rate: 0.35%

Run 4: Report of LEDBAT — Data Link

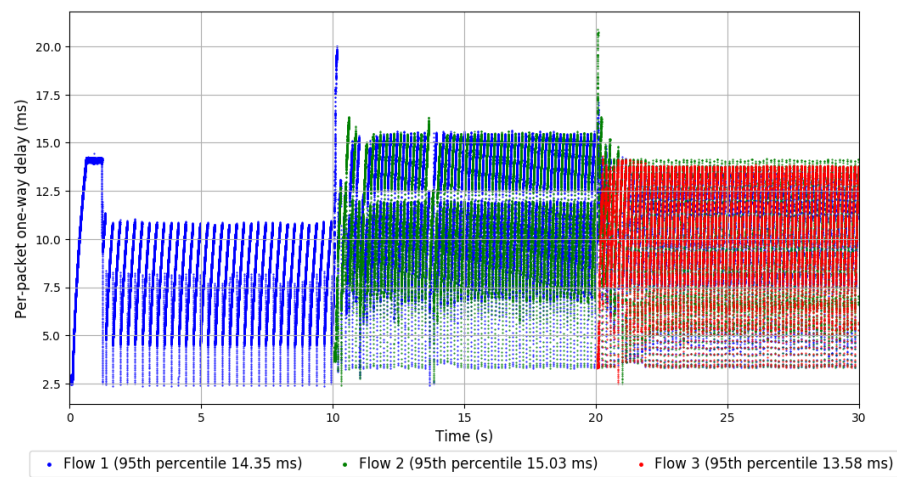
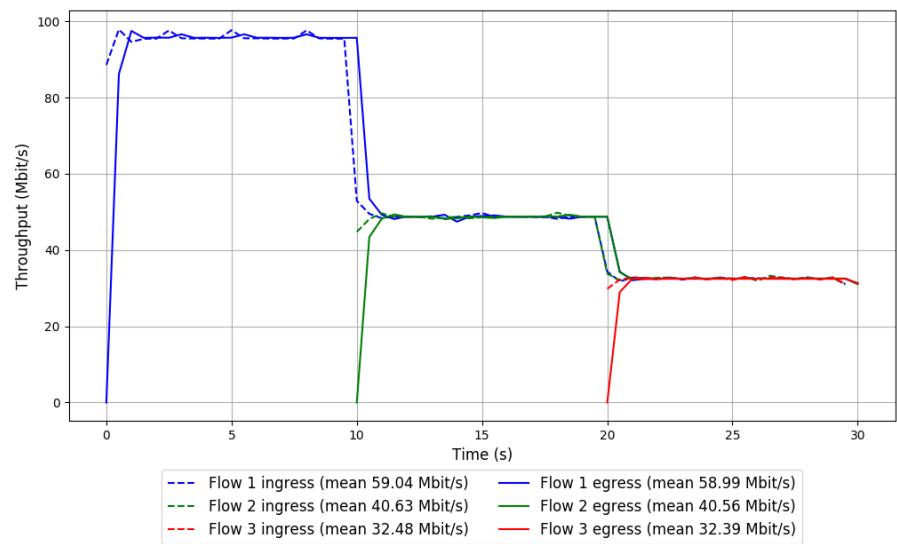


Run 5: Statistics of LEDBAT

Start at: 2018-07-25 08:50:42
End at: 2018-07-25 08:51:12
Local clock offset: -7.073 ms
Remote clock offset: -6.748 ms

Below is generated by plot.py at 2018-07-25 10:59:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.74 Mbit/s
95th percentile per-packet one-way delay: 14.625 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 58.99 Mbit/s
95th percentile per-packet one-way delay: 14.352 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.56 Mbit/s
95th percentile per-packet one-way delay: 15.025 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 32.39 Mbit/s
95th percentile per-packet one-way delay: 13.577 ms
Loss rate: 0.34%

Run 5: Report of LEDBAT — Data Link

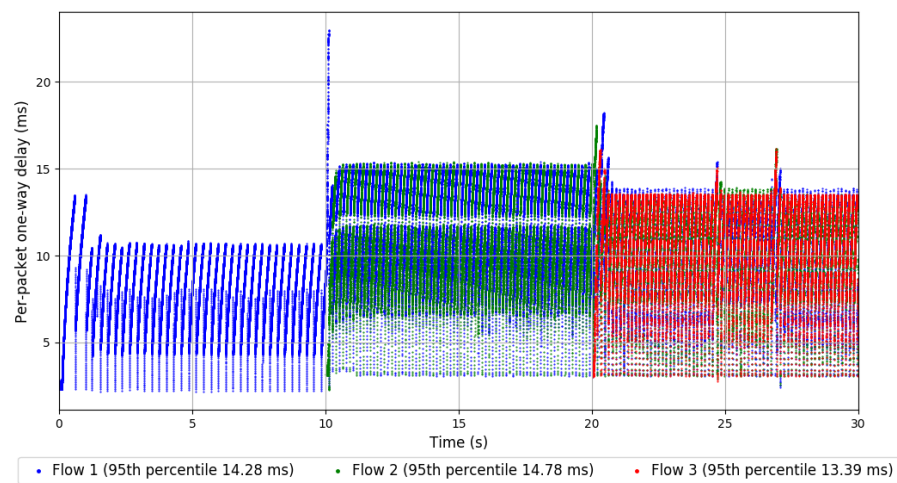
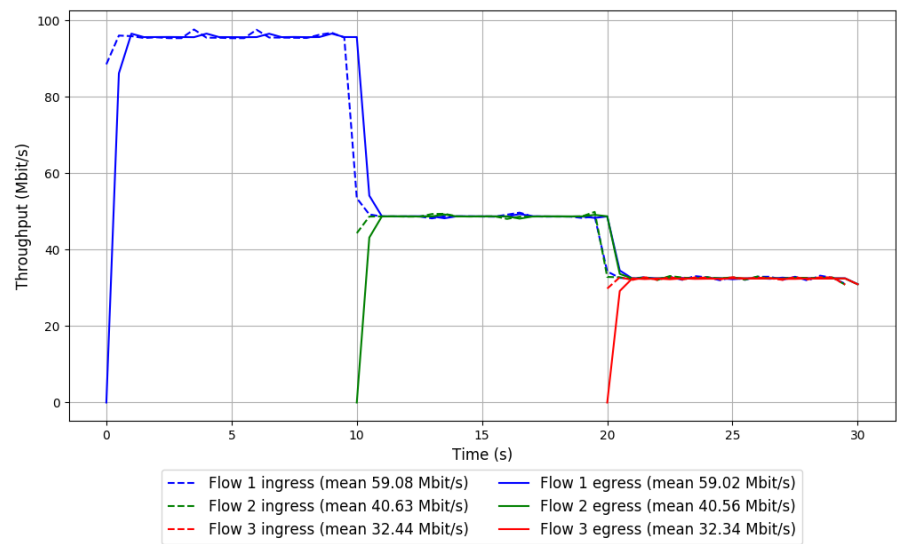


Run 6: Statistics of LEDBAT

Start at: 2018-07-25 09:09:53
End at: 2018-07-25 09:10:23
Local clock offset: -4.459 ms
Remote clock offset: -7.091 ms

Below is generated by plot.py at 2018-07-25 10:59:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.78 Mbit/s
95th percentile per-packet one-way delay: 14.491 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 59.02 Mbit/s
95th percentile per-packet one-way delay: 14.283 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.56 Mbit/s
95th percentile per-packet one-way delay: 14.781 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 32.34 Mbit/s
95th percentile per-packet one-way delay: 13.387 ms
Loss rate: 0.35%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2018-07-25 09:29:03

End at: 2018-07-25 09:29:33

Local clock offset: -2.023 ms

Remote clock offset: -7.02 ms

Below is generated by plot.py at 2018-07-25 10:59:30

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.75 Mbit/s

95th percentile per-packet one-way delay: 14.444 ms

Loss rate: 0.17%

-- Flow 1:

Average throughput: 58.99 Mbit/s

95th percentile per-packet one-way delay: 14.211 ms

Loss rate: 0.12%

-- Flow 2:

Average throughput: 40.53 Mbit/s

95th percentile per-packet one-way delay: 14.839 ms

Loss rate: 0.20%

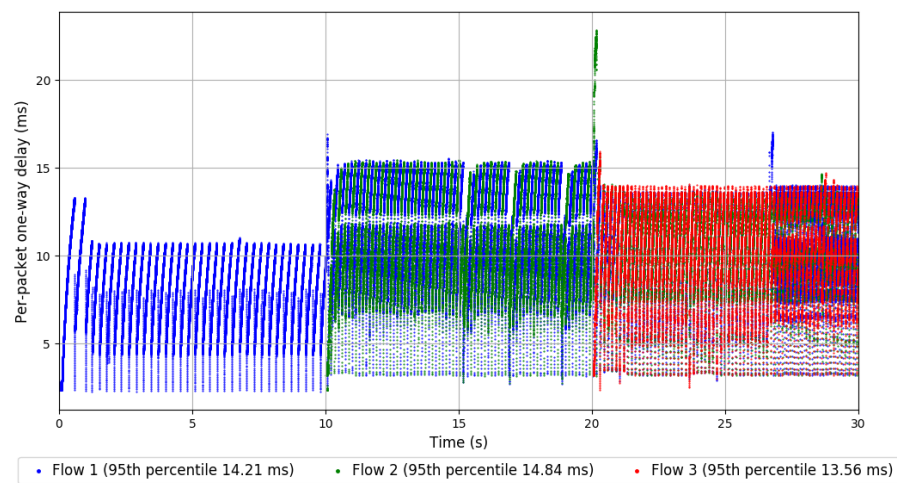
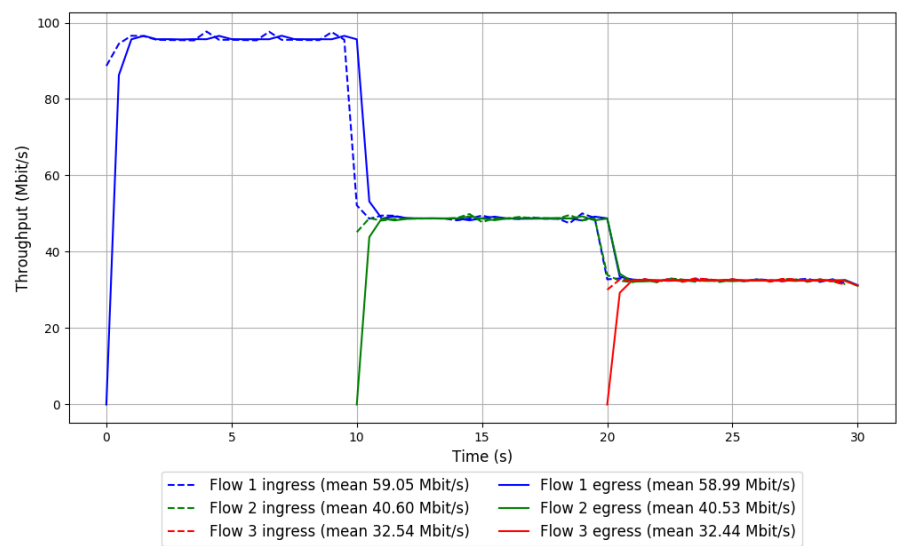
-- Flow 3:

Average throughput: 32.44 Mbit/s

95th percentile per-packet one-way delay: 13.562 ms

Loss rate: 0.36%

Run 7: Report of LEDBAT — Data Link

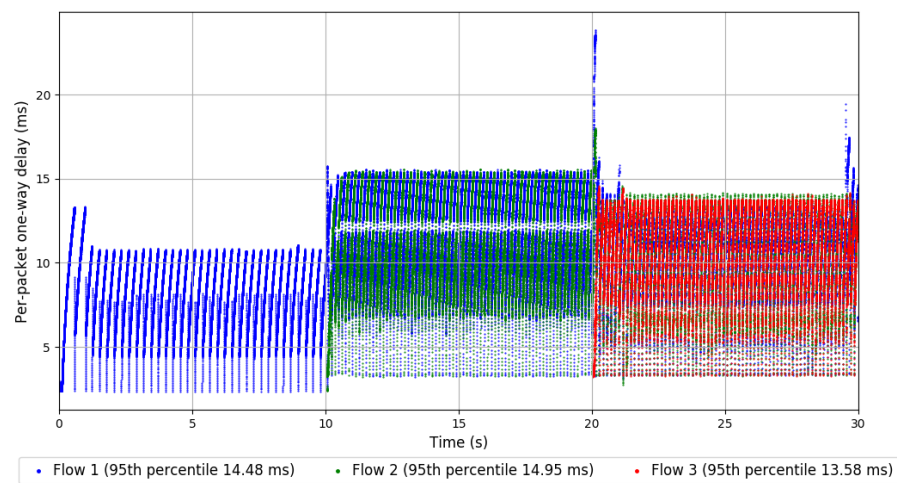
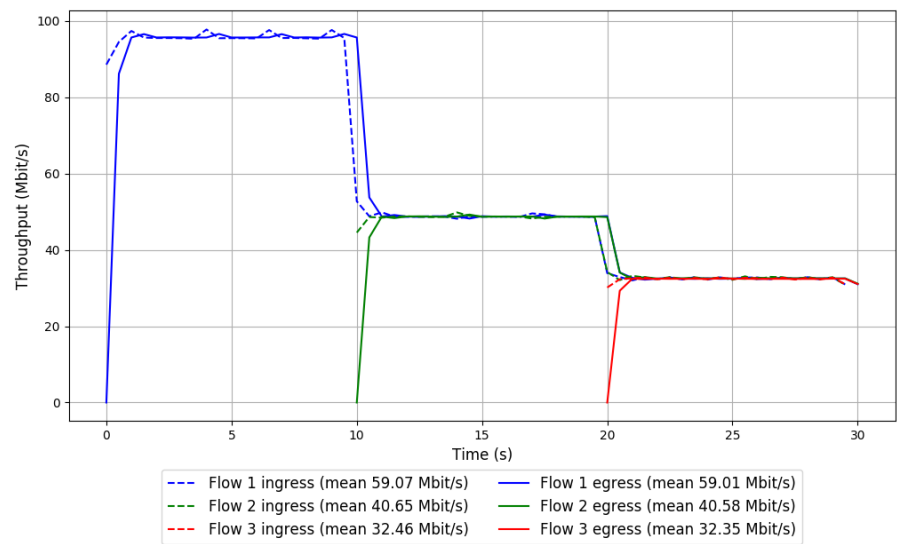


Run 8: Statistics of LEDBAT

Start at: 2018-07-25 09:48:13
End at: 2018-07-25 09:48:43
Local clock offset: -2.231 ms
Remote clock offset: -3.838 ms

Below is generated by plot.py at 2018-07-25 10:59:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.77 Mbit/s
95th percentile per-packet one-way delay: 14.646 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 59.01 Mbit/s
95th percentile per-packet one-way delay: 14.483 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.58 Mbit/s
95th percentile per-packet one-way delay: 14.953 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 32.35 Mbit/s
95th percentile per-packet one-way delay: 13.578 ms
Loss rate: 0.35%

Run 8: Report of LEDBAT — Data Link

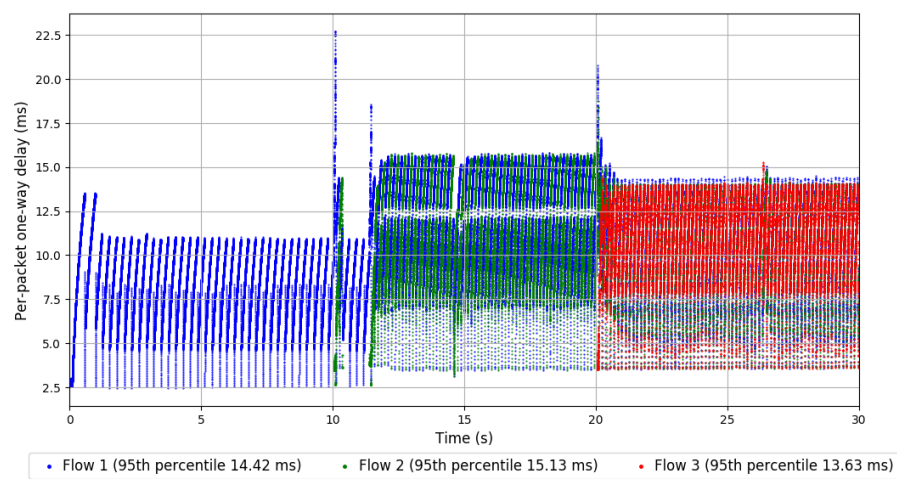
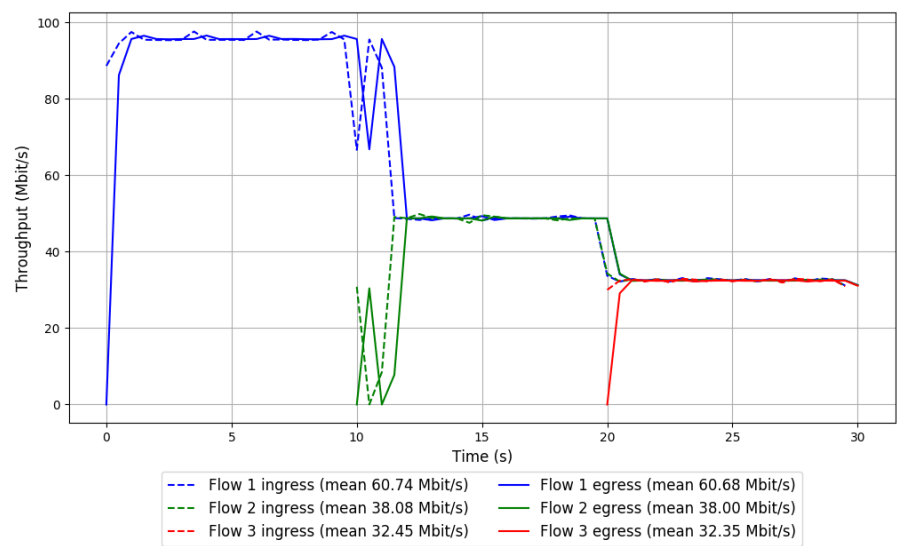


Run 9: Statistics of LEDBAT

Start at: 2018-07-25 10:07:25
End at: 2018-07-25 10:07:55
Local clock offset: -4.556 ms
Remote clock offset: -2.255 ms

Below is generated by plot.py at 2018-07-25 10:59:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.72 Mbit/s
95th percentile per-packet one-way delay: 14.661 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 60.68 Mbit/s
95th percentile per-packet one-way delay: 14.418 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 38.00 Mbit/s
95th percentile per-packet one-way delay: 15.127 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 32.35 Mbit/s
95th percentile per-packet one-way delay: 13.633 ms
Loss rate: 0.35%

Run 9: Report of LEDBAT — Data Link

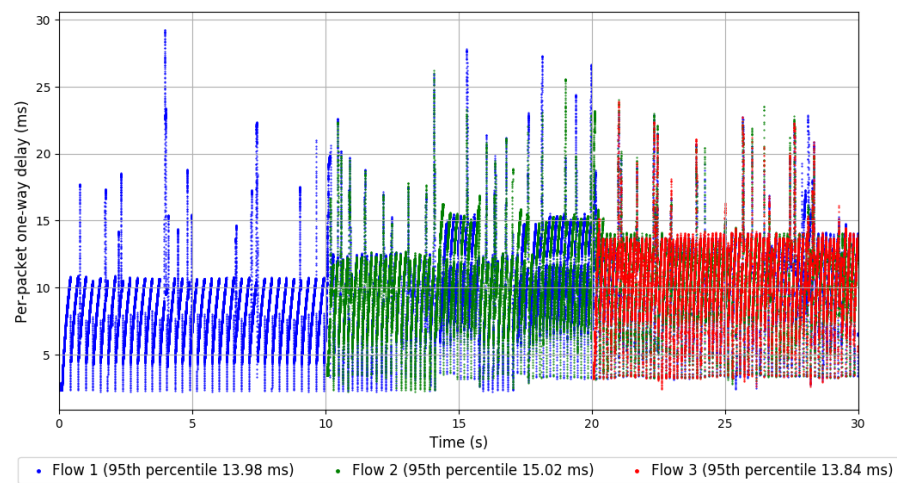
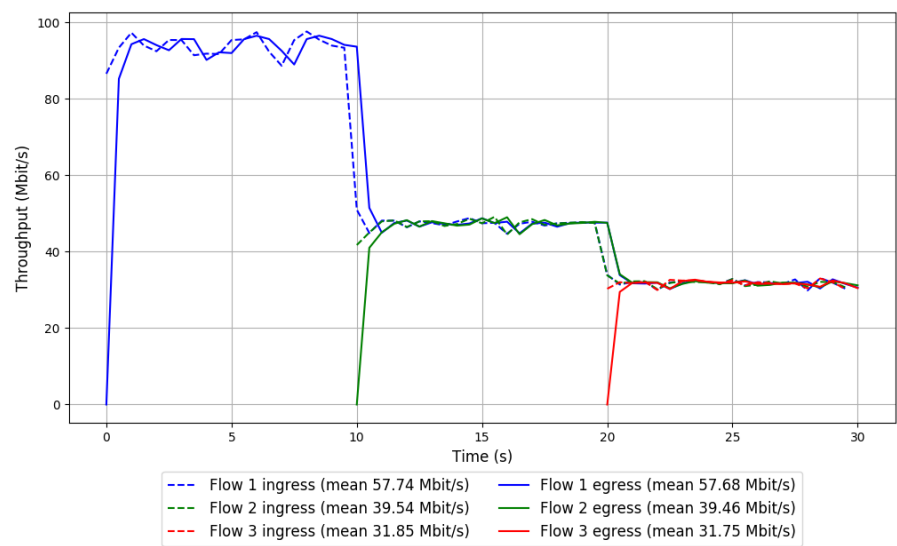


Run 10: Statistics of LEDBAT

Start at: 2018-07-25 10:26:35
End at: 2018-07-25 10:27:05
Local clock offset: -7.481 ms
Remote clock offset: -2.662 ms

Below is generated by plot.py at 2018-07-25 10:59:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.51 Mbit/s
95th percentile per-packet one-way delay: 14.448 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 57.68 Mbit/s
95th percentile per-packet one-way delay: 13.985 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 39.46 Mbit/s
95th percentile per-packet one-way delay: 15.018 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 31.75 Mbit/s
95th percentile per-packet one-way delay: 13.836 ms
Loss rate: 0.35%

Run 10: Report of LEDBAT — Data Link

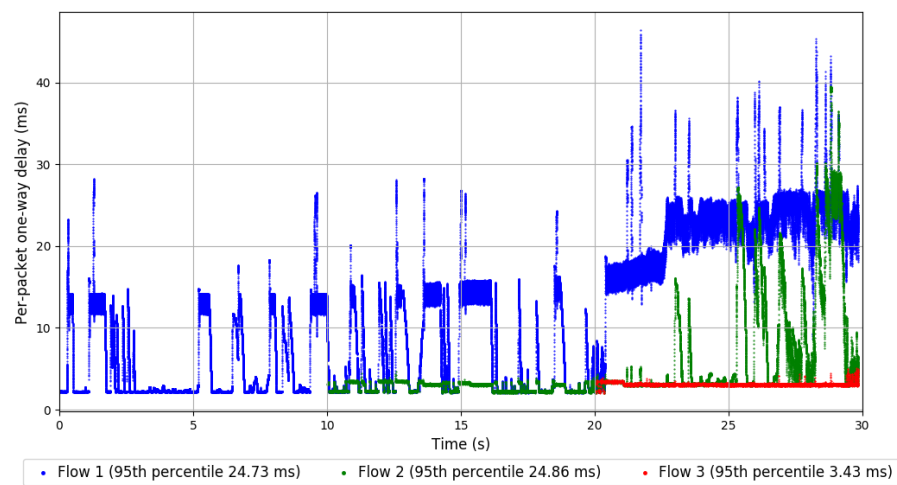
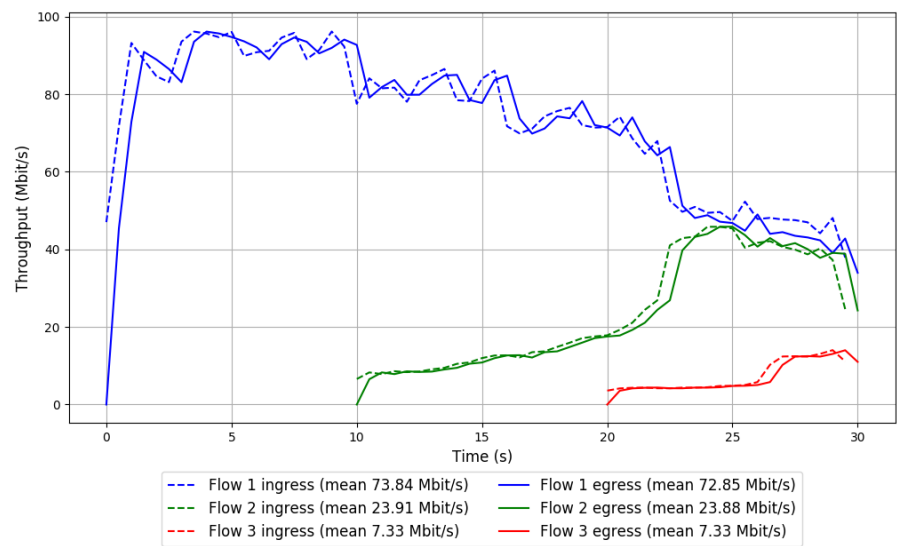


Run 1: Statistics of PCC-Allegro

Start at: 2018-07-25 07:43:05
End at: 2018-07-25 07:43:35
Local clock offset: -3.805 ms
Remote clock offset: -6.453 ms

Below is generated by plot.py at 2018-07-25 11:00:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.13 Mbit/s
95th percentile per-packet one-way delay: 24.687 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 72.85 Mbit/s
95th percentile per-packet one-way delay: 24.735 ms
Loss rate: 1.37%
-- Flow 2:
Average throughput: 23.88 Mbit/s
95th percentile per-packet one-way delay: 24.856 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 7.33 Mbit/s
95th percentile per-packet one-way delay: 3.431 ms
Loss rate: 0.15%

Run 1: Report of PCC-Allegro — Data Link

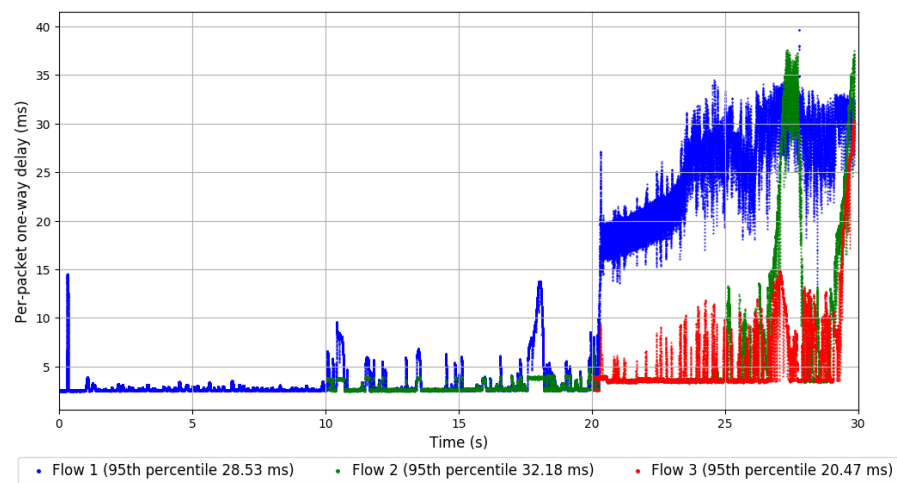
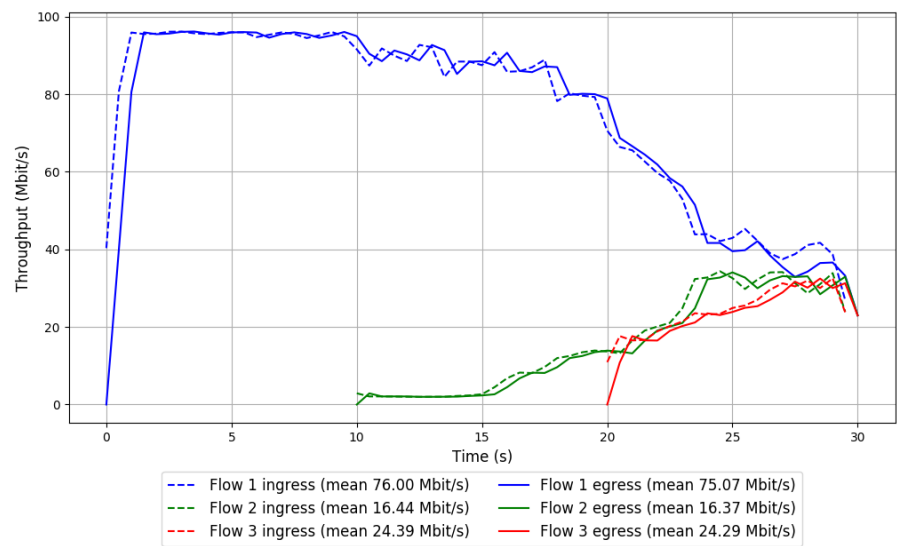


Run 2: Statistics of PCC-Allegro

Start at: 2018-07-25 08:02:15
End at: 2018-07-25 08:02:45
Local clock offset: -1.705 ms
Remote clock offset: -4.093 ms

Below is generated by plot.py at 2018-07-25 11:00:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.94 Mbit/s
95th percentile per-packet one-way delay: 28.582 ms
Loss rate: 1.12%
-- Flow 1:
Average throughput: 75.07 Mbit/s
95th percentile per-packet one-way delay: 28.530 ms
Loss rate: 1.27%
-- Flow 2:
Average throughput: 16.37 Mbit/s
95th percentile per-packet one-way delay: 32.183 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 24.29 Mbit/s
95th percentile per-packet one-way delay: 20.469 ms
Loss rate: 0.49%

Run 2: Report of PCC-Allegro — Data Link

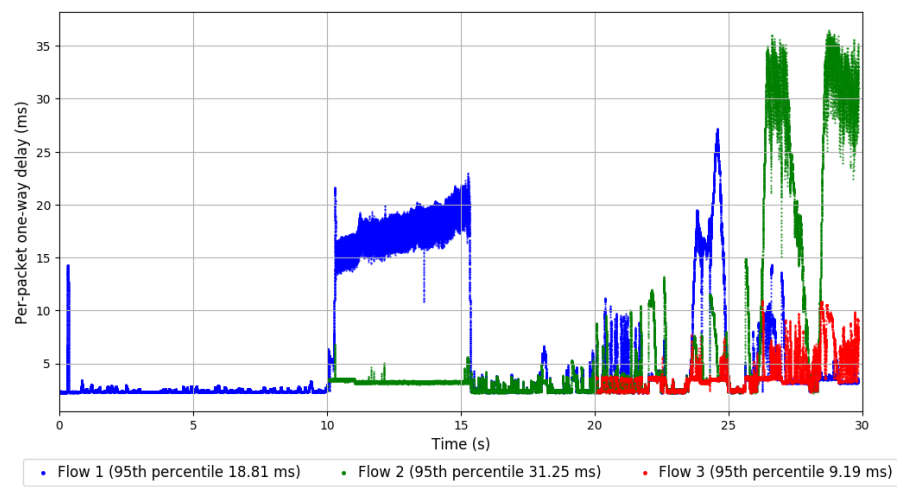
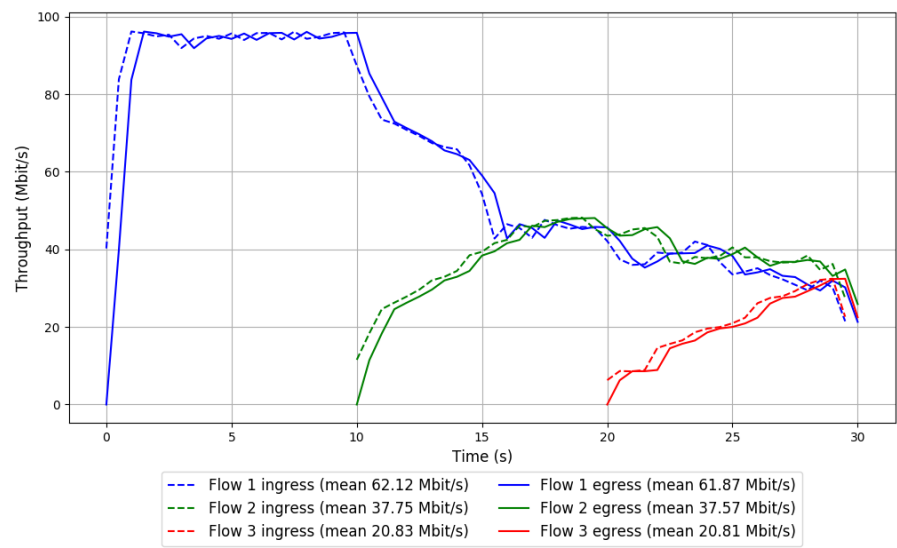


Run 3: Statistics of PCC-Allegro

Start at: 2018-07-25 08:21:25
End at: 2018-07-25 08:21:55
Local clock offset: -1.528 ms
Remote clock offset: -1.895 ms

Below is generated by plot.py at 2018-07-25 11:00:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.69 Mbit/s
95th percentile per-packet one-way delay: 19.546 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 61.87 Mbit/s
95th percentile per-packet one-way delay: 18.812 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 37.57 Mbit/s
95th percentile per-packet one-way delay: 31.252 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 20.81 Mbit/s
95th percentile per-packet one-way delay: 9.193 ms
Loss rate: 0.14%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2018-07-25 08:40:35

End at: 2018-07-25 08:41:05

Local clock offset: -5.247 ms

Remote clock offset: -5.76 ms

Below is generated by plot.py at 2018-07-25 11:00:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.73 Mbit/s

95th percentile per-packet one-way delay: 21.613 ms

Loss rate: 4.96%

-- Flow 1:

Average throughput: 69.79 Mbit/s

95th percentile per-packet one-way delay: 22.030 ms

Loss rate: 6.35%

-- Flow 2:

Average throughput: 20.96 Mbit/s

95th percentile per-packet one-way delay: 4.023 ms

Loss rate: 0.04%

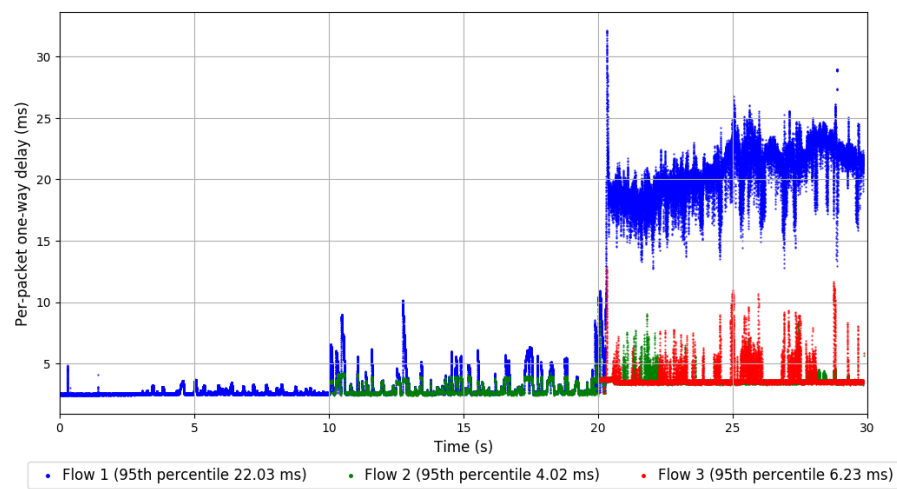
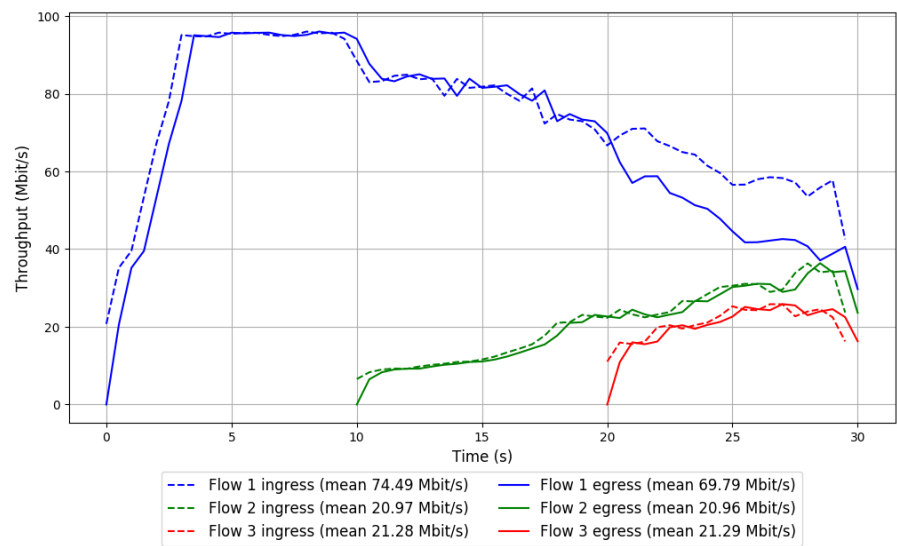
-- Flow 3:

Average throughput: 21.29 Mbit/s

95th percentile per-packet one-way delay: 6.230 ms

Loss rate: 0.03%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2018-07-25 08:59:46

End at: 2018-07-25 09:00:16

Local clock offset: -7.944 ms

Remote clock offset: -7.23 ms

Below is generated by plot.py at 2018-07-25 11:00:40

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.34 Mbit/s

95th percentile per-packet one-way delay: 32.188 ms

Loss rate: 4.51%

-- Flow 1:

Average throughput: 62.21 Mbit/s

95th percentile per-packet one-way delay: 29.212 ms

Loss rate: 5.37%

-- Flow 2:

Average throughput: 35.55 Mbit/s

95th percentile per-packet one-way delay: 33.454 ms

Loss rate: 3.92%

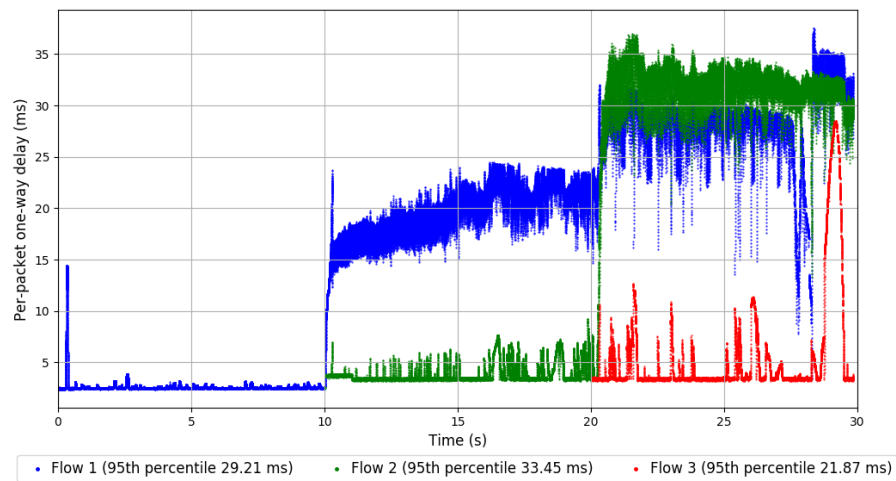
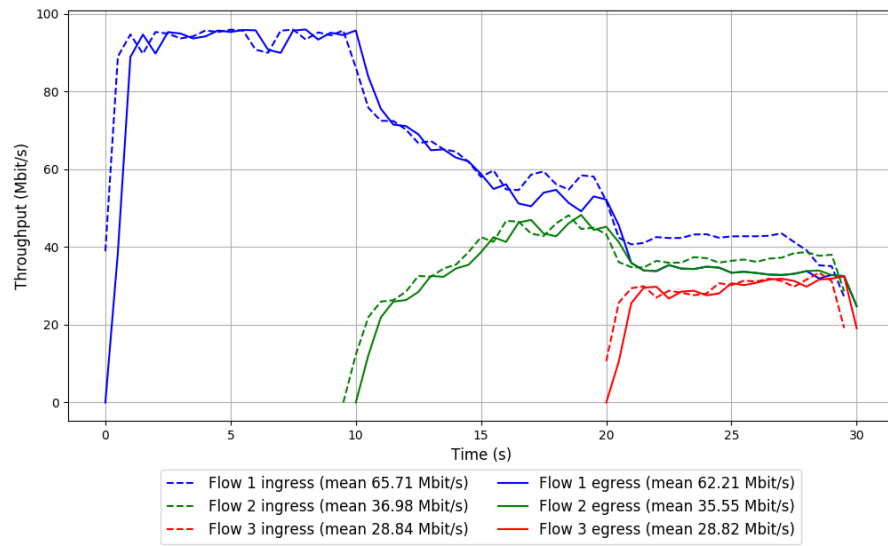
-- Flow 3:

Average throughput: 28.82 Mbit/s

95th percentile per-packet one-way delay: 21.873 ms

Loss rate: 0.13%

Run 5: Report of PCC-Allegro — Data Link

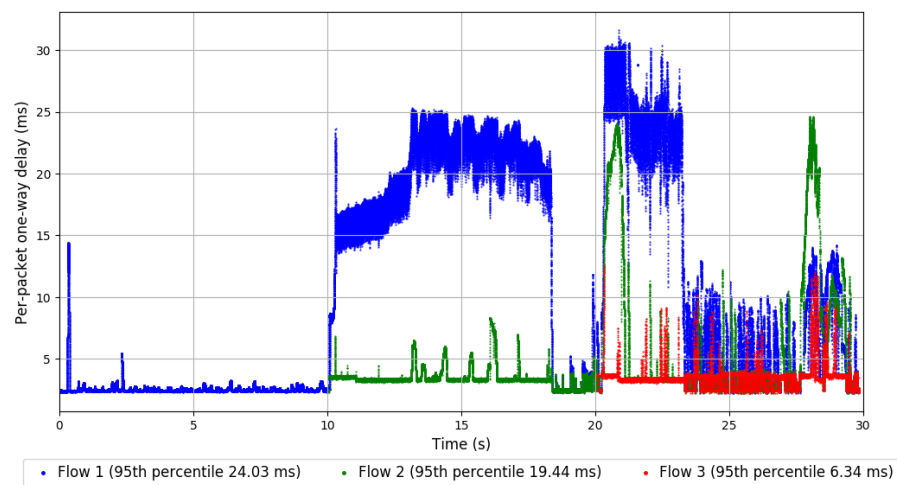
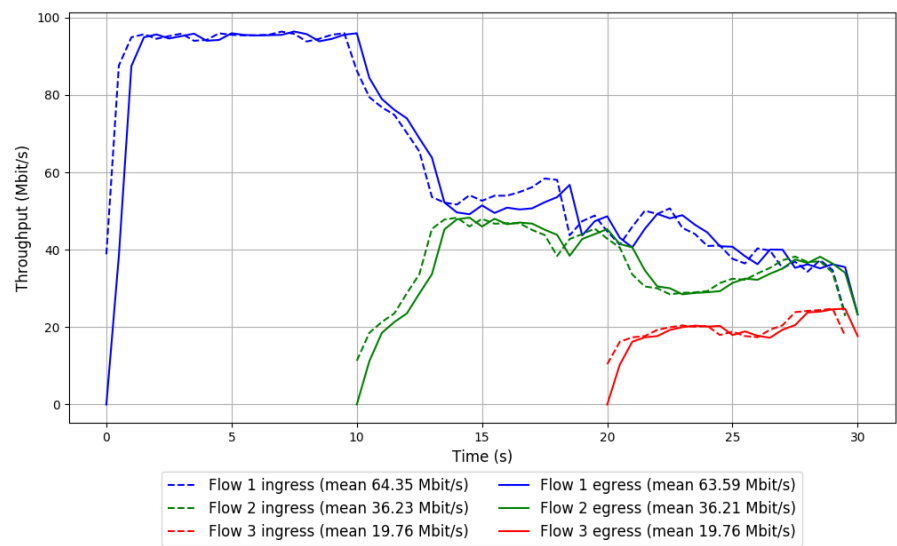


Run 6: Statistics of PCC-Allegro

Start at: 2018-07-25 09:18:56
End at: 2018-07-25 09:19:26
Local clock offset: -2.822 ms
Remote clock offset: -7.118 ms

Below is generated by plot.py at 2018-07-25 11:00:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.14 Mbit/s
95th percentile per-packet one-way delay: 23.451 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 63.59 Mbit/s
95th percentile per-packet one-way delay: 24.027 ms
Loss rate: 1.20%
-- Flow 2:
Average throughput: 36.21 Mbit/s
95th percentile per-packet one-way delay: 19.438 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 19.76 Mbit/s
95th percentile per-packet one-way delay: 6.345 ms
Loss rate: 0.06%

Run 6: Report of PCC-Allegro — Data Link

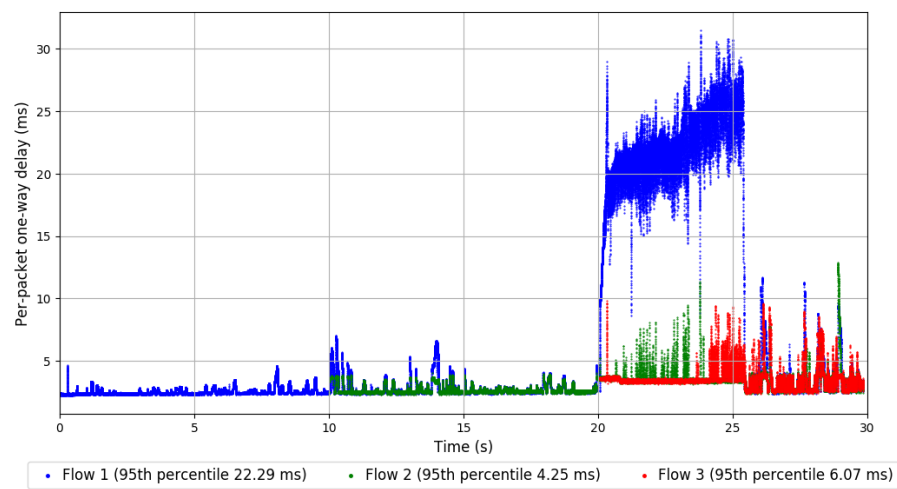
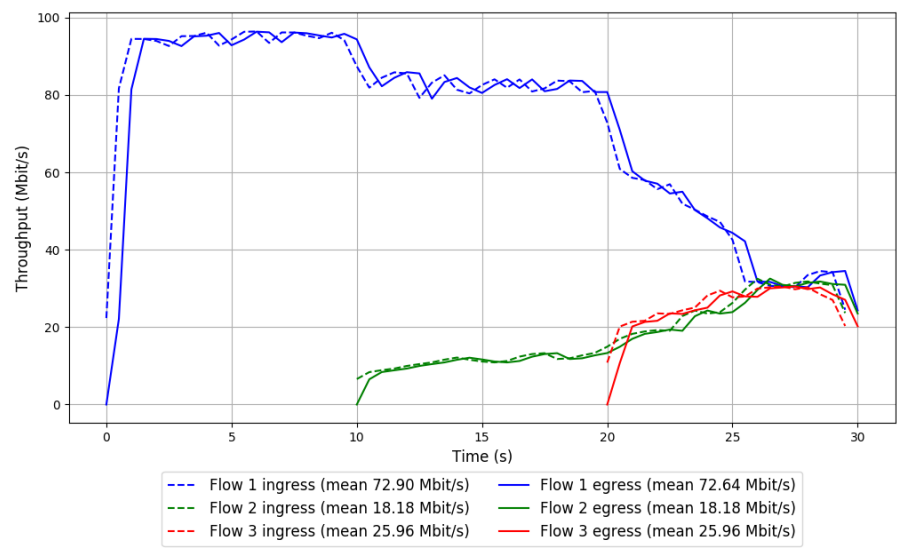


Run 7: Statistics of PCC-Allegro

Start at: 2018-07-25 09:38:06
End at: 2018-07-25 09:38:36
Local clock offset: -2.229 ms
Remote clock offset: -6.243 ms

Below is generated by plot.py at 2018-07-25 11:00:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.27 Mbit/s
95th percentile per-packet one-way delay: 21.533 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 72.64 Mbit/s
95th percentile per-packet one-way delay: 22.288 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 18.18 Mbit/s
95th percentile per-packet one-way delay: 4.249 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 25.96 Mbit/s
95th percentile per-packet one-way delay: 6.070 ms
Loss rate: 0.05%

Run 7: Report of PCC-Allegro — Data Link



Run 8: Statistics of PCC-Allegro

Start at: 2018-07-25 09:57:18

End at: 2018-07-25 09:57:48

Local clock offset: -2.148 ms

Remote clock offset: -2.88 ms

Below is generated by plot.py at 2018-07-25 11:01:05

Datalink statistics

-- Total of 3 flows:

Average throughput: 92.43 Mbit/s

95th percentile per-packet one-way delay: 23.515 ms

Loss rate: 1.25%

-- Flow 1:

Average throughput: 75.18 Mbit/s

95th percentile per-packet one-way delay: 23.844 ms

Loss rate: 1.50%

-- Flow 2:

Average throughput: 7.35 Mbit/s

95th percentile per-packet one-way delay: 3.672 ms

Loss rate: 0.05%

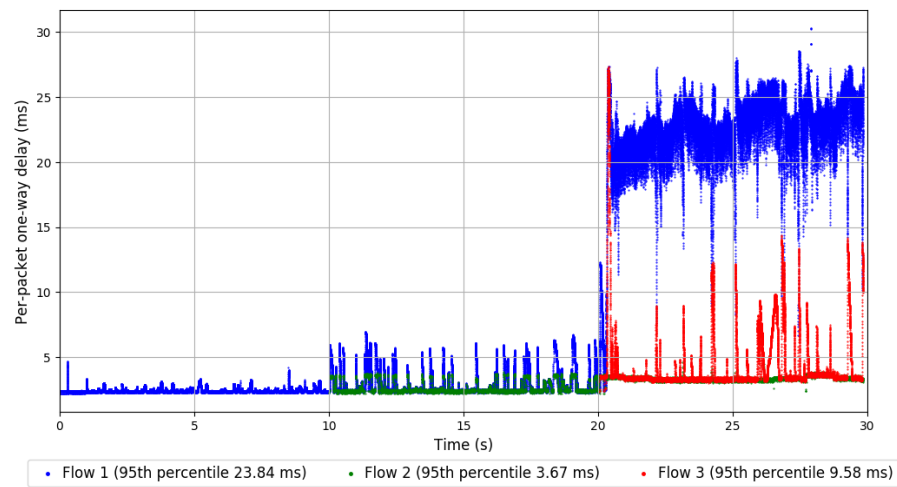
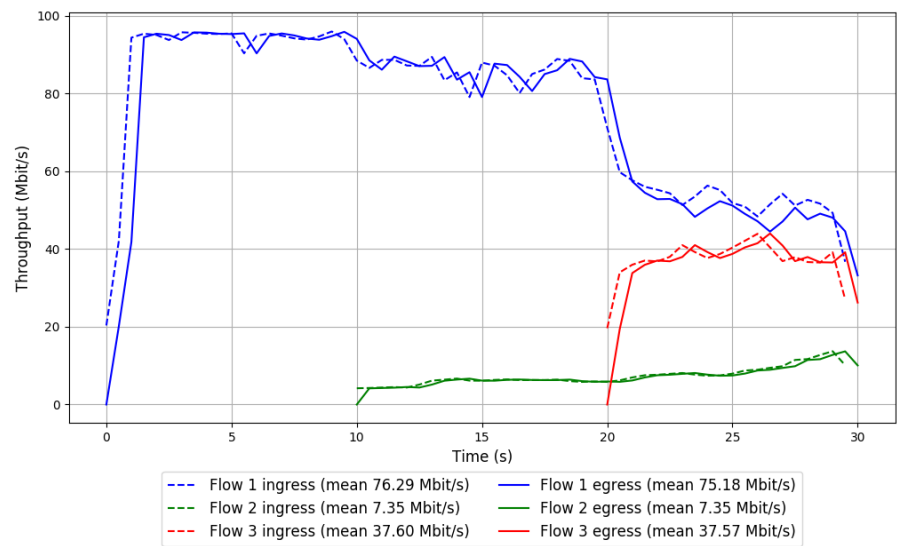
-- Flow 3:

Average throughput: 37.57 Mbit/s

95th percentile per-packet one-way delay: 9.583 ms

Loss rate: 0.17%

Run 8: Report of PCC-Allegro — Data Link

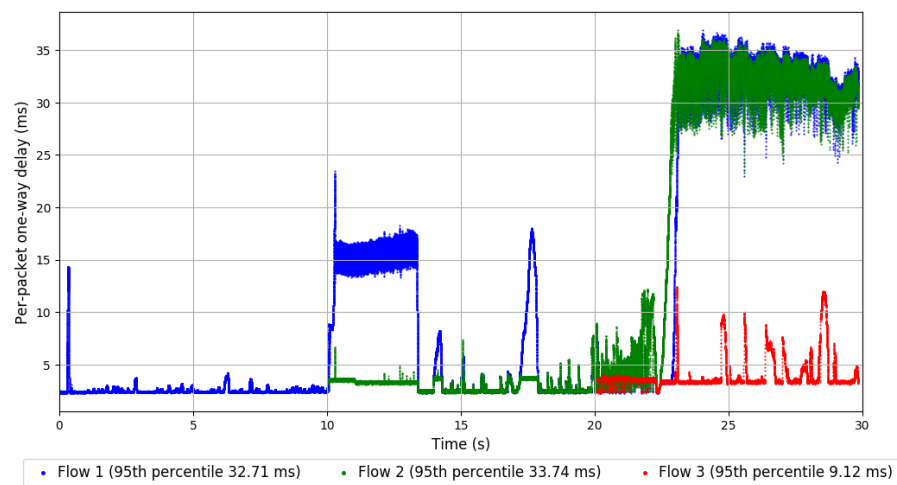
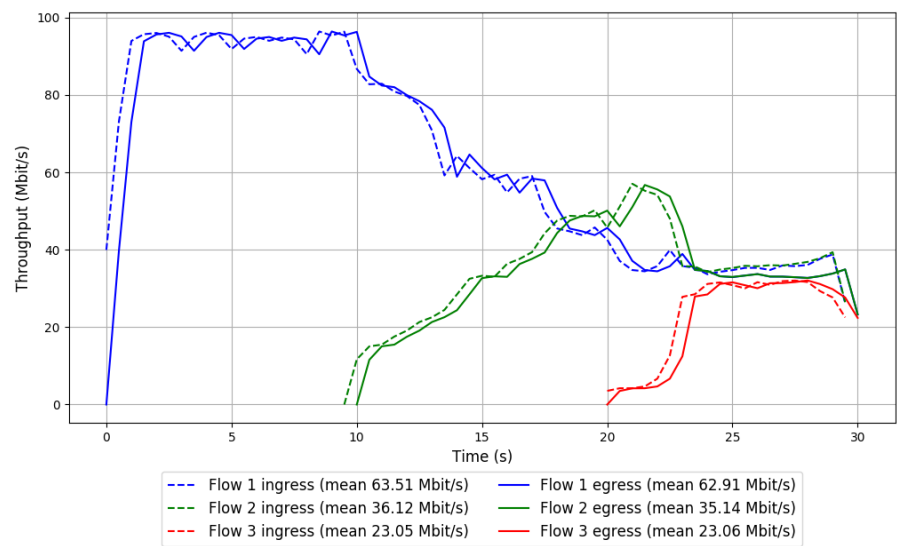


Run 9: Statistics of PCC-Allegro

Start at: 2018-07-25 10:16:28
End at: 2018-07-25 10:16:58
Local clock offset: -6.452 ms
Remote clock offset: -2.502 ms

Below is generated by plot.py at 2018-07-25 11:01:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.87 Mbit/s
95th percentile per-packet one-way delay: 33.114 ms
Loss rate: 1.37%
-- Flow 1:
Average throughput: 62.91 Mbit/s
95th percentile per-packet one-way delay: 32.714 ms
Loss rate: 1.00%
-- Flow 2:
Average throughput: 35.14 Mbit/s
95th percentile per-packet one-way delay: 33.744 ms
Loss rate: 2.74%
-- Flow 3:
Average throughput: 23.06 Mbit/s
95th percentile per-packet one-way delay: 9.117 ms
Loss rate: 0.09%

Run 9: Report of PCC-Allegro — Data Link

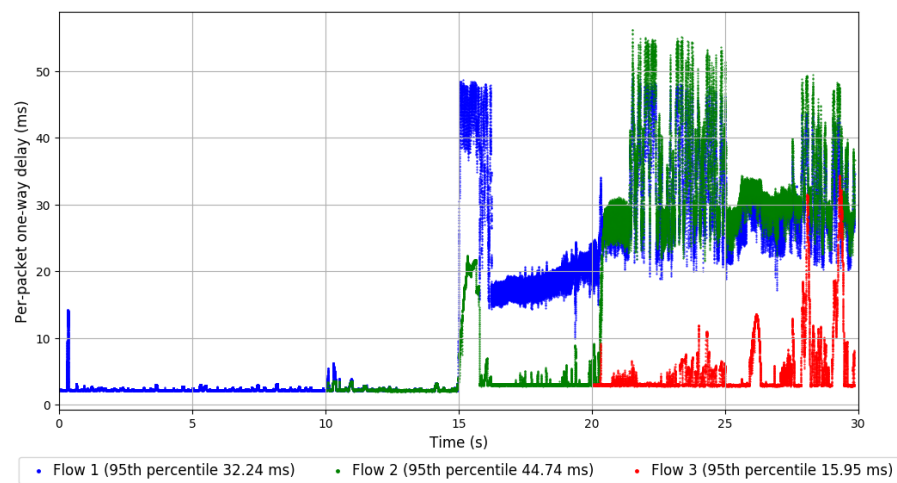
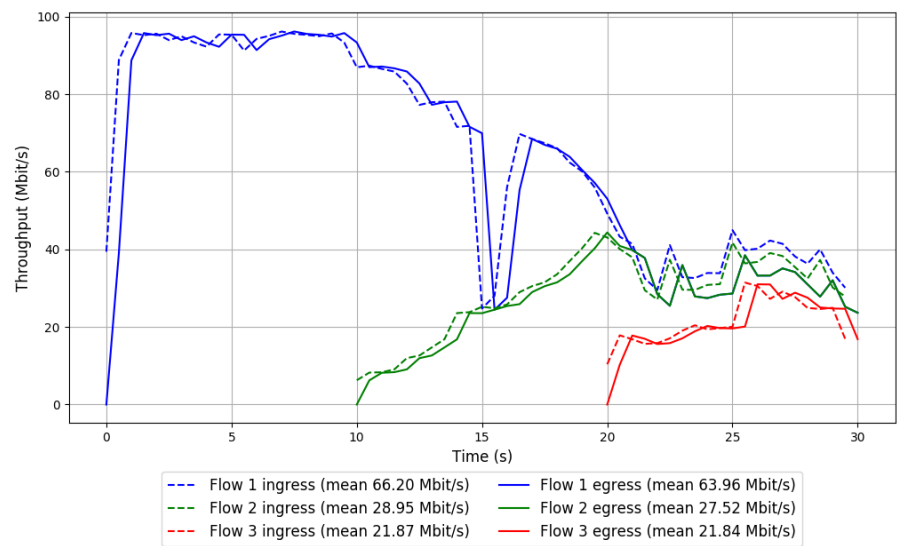


Run 10: Statistics of PCC-Allegro

Start at: 2018-07-25 10:35:38
End at: 2018-07-25 10:36:08
Local clock offset: -5.475 ms
Remote clock offset: -2.661 ms

Below is generated by plot.py at 2018-07-25 11:01:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.43 Mbit/s
95th percentile per-packet one-way delay: 36.208 ms
Loss rate: 3.50%
-- Flow 1:
Average throughput: 63.96 Mbit/s
95th percentile per-packet one-way delay: 32.245 ms
Loss rate: 3.43%
-- Flow 2:
Average throughput: 27.52 Mbit/s
95th percentile per-packet one-way delay: 44.737 ms
Loss rate: 5.01%
-- Flow 3:
Average throughput: 21.84 Mbit/s
95th percentile per-packet one-way delay: 15.948 ms
Loss rate: 0.16%

Run 10: Report of PCC-Allegro — Data Link

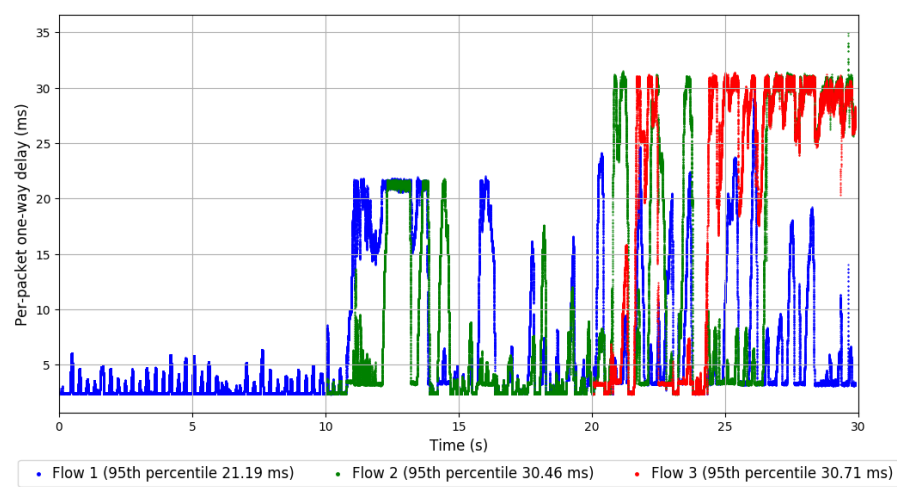
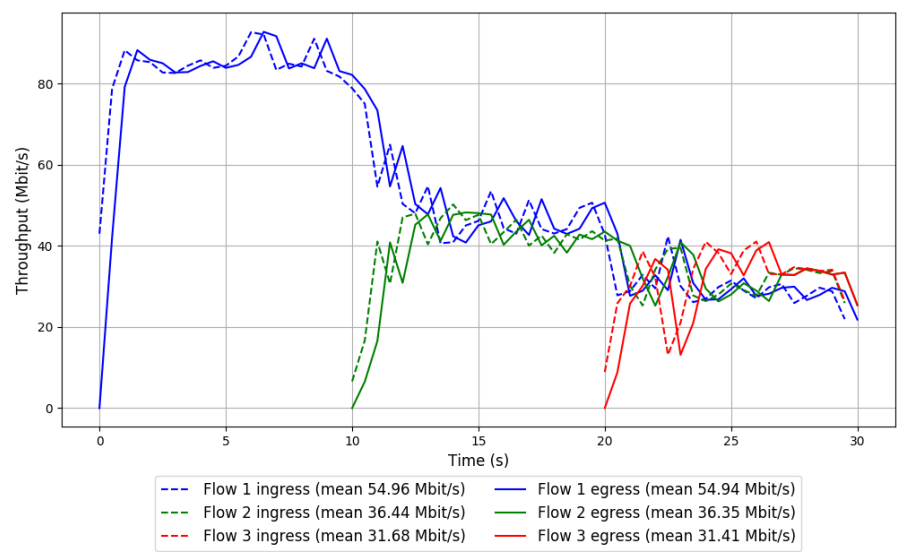


```
Run 1: Statistics of PCC-Expr

Start at: 2018-07-25 07:49:50
End at: 2018-07-25 07:50:20
Local clock offset: -2.642 ms
Remote clock offset: -6.466 ms

# Below is generated by plot.py at 2018-07-25 11:02:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.48 Mbit/s
95th percentile per-packet one-way delay: 29.991 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 54.94 Mbit/s
95th percentile per-packet one-way delay: 21.187 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 36.35 Mbit/s
95th percentile per-packet one-way delay: 30.459 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 31.41 Mbit/s
95th percentile per-packet one-way delay: 30.707 ms
Loss rate: 0.97%
```

Run 1: Report of PCC-Expr — Data Link

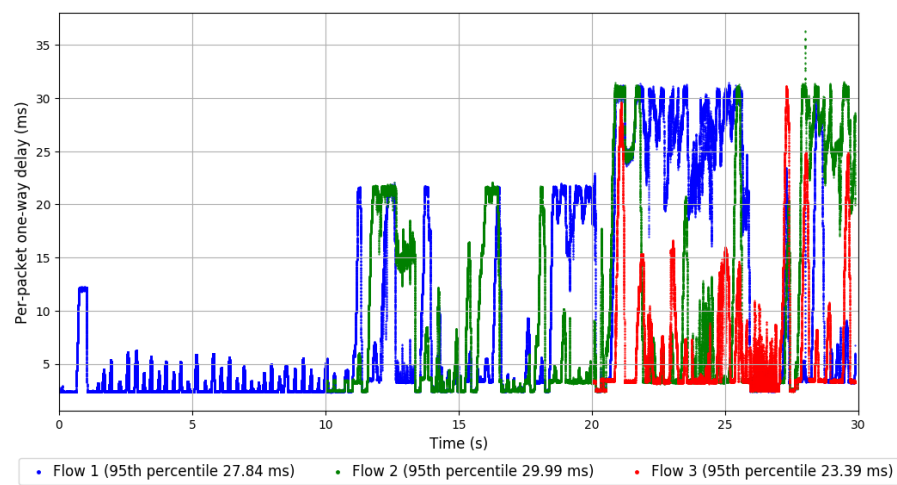
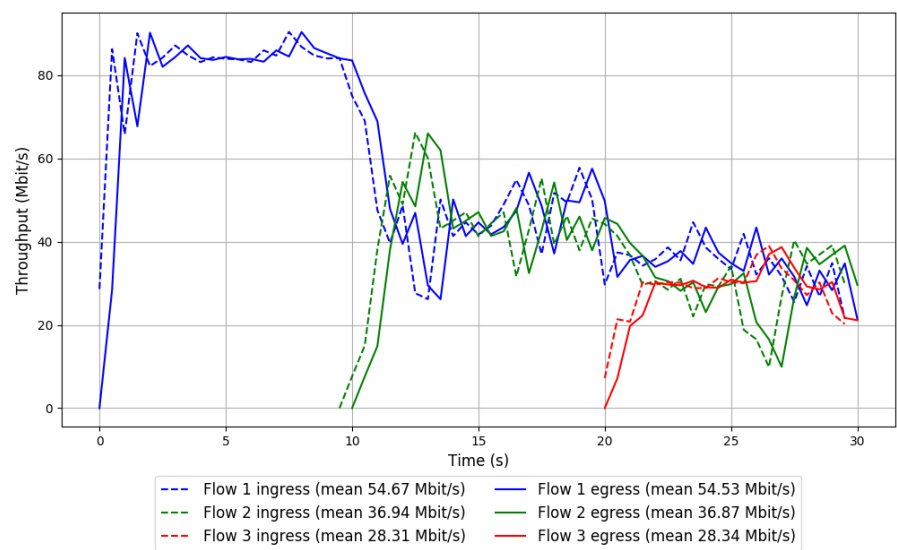


Run 2: Statistics of PCC-Expr

Start at: 2018-07-25 08:09:00
End at: 2018-07-25 08:09:30
Local clock offset: -1.746 ms
Remote clock offset: -2.989 ms

Below is generated by plot.py at 2018-07-25 11:02:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.41 Mbit/s
95th percentile per-packet one-way delay: 28.136 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 54.53 Mbit/s
95th percentile per-packet one-way delay: 27.835 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 36.87 Mbit/s
95th percentile per-packet one-way delay: 29.993 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 28.34 Mbit/s
95th percentile per-packet one-way delay: 23.386 ms
Loss rate: 0.08%

Run 2: Report of PCC-Expr — Data Link

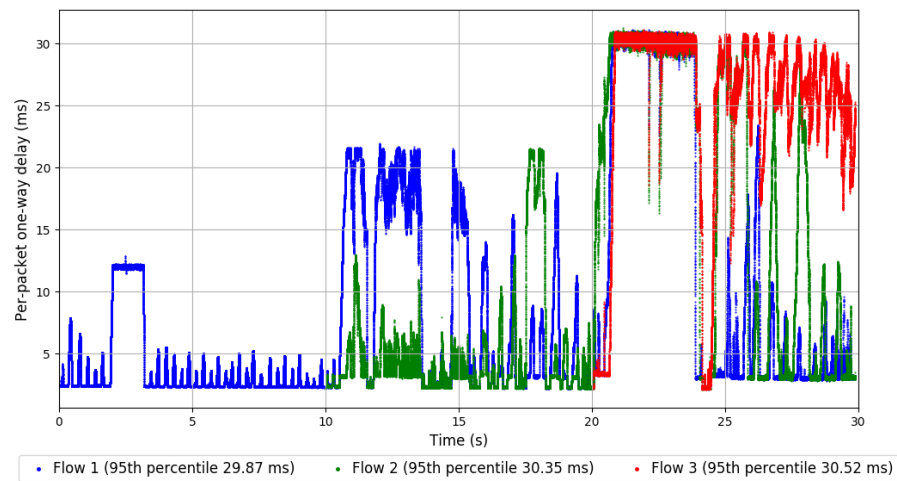
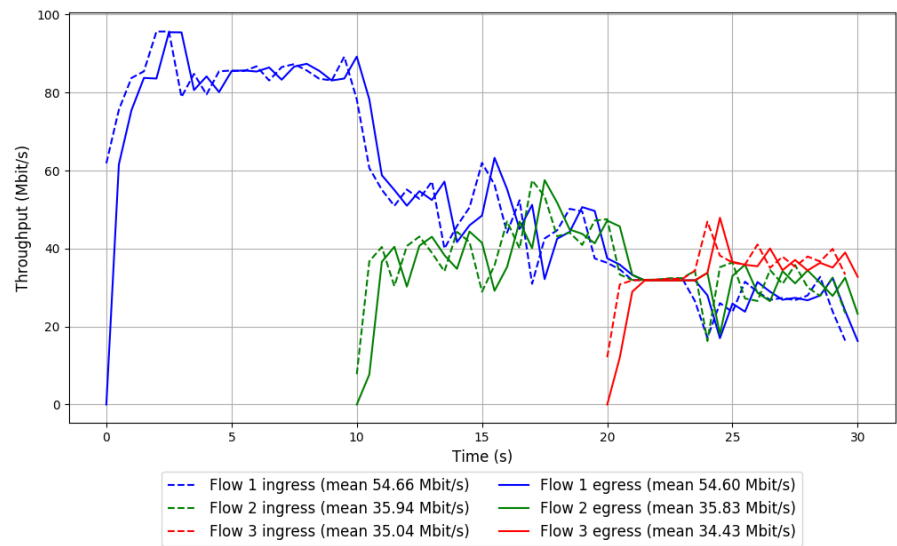


Run 3: Statistics of PCC-Expr

Start at: 2018-07-25 08:28:10
End at: 2018-07-25 08:28:40
Local clock offset: -1.41 ms
Remote clock offset: -1.848 ms

Below is generated by plot.py at 2018-07-25 11:02:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.80 Mbit/s
95th percentile per-packet one-way delay: 30.297 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 54.60 Mbit/s
95th percentile per-packet one-way delay: 29.867 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 35.83 Mbit/s
95th percentile per-packet one-way delay: 30.349 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 34.43 Mbit/s
95th percentile per-packet one-way delay: 30.525 ms
Loss rate: 1.92%

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

Start at: 2018-07-25 08:47:20

End at: 2018-07-25 08:47:50

Local clock offset: -6.632 ms

Remote clock offset: -6.52 ms

Below is generated by plot.py at 2018-07-25 11:02:37

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.90 Mbit/s

95th percentile per-packet one-way delay: 30.493 ms

Loss rate: 0.49%

-- Flow 1:

Average throughput: 55.82 Mbit/s

95th percentile per-packet one-way delay: 30.356 ms

Loss rate: 0.39%

-- Flow 2:

Average throughput: 38.80 Mbit/s

95th percentile per-packet one-way delay: 30.655 ms

Loss rate: 0.82%

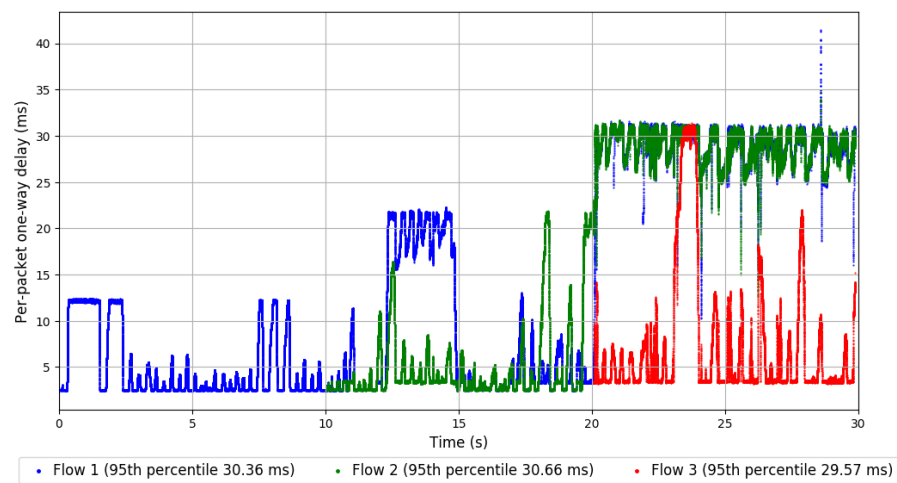
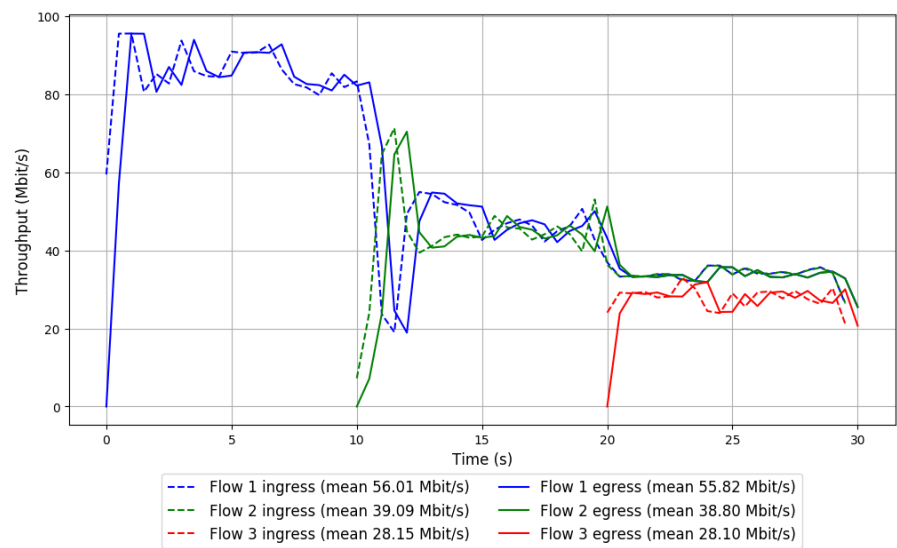
-- Flow 3:

Average throughput: 28.10 Mbit/s

95th percentile per-packet one-way delay: 29.573 ms

Loss rate: 0.21%

Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

Start at: 2018-07-25 09:06:31

End at: 2018-07-25 09:07:01

Local clock offset: -5.533 ms

Remote clock offset: -7.12 ms

Below is generated by plot.py at 2018-07-25 11:02:44

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.43 Mbit/s

95th percentile per-packet one-way delay: 29.362 ms

Loss rate: 0.78%

-- Flow 1:

Average throughput: 57.53 Mbit/s

95th percentile per-packet one-way delay: 25.338 ms

Loss rate: 1.09%

-- Flow 2:

Average throughput: 34.86 Mbit/s

95th percentile per-packet one-way delay: 30.008 ms

Loss rate: 0.13%

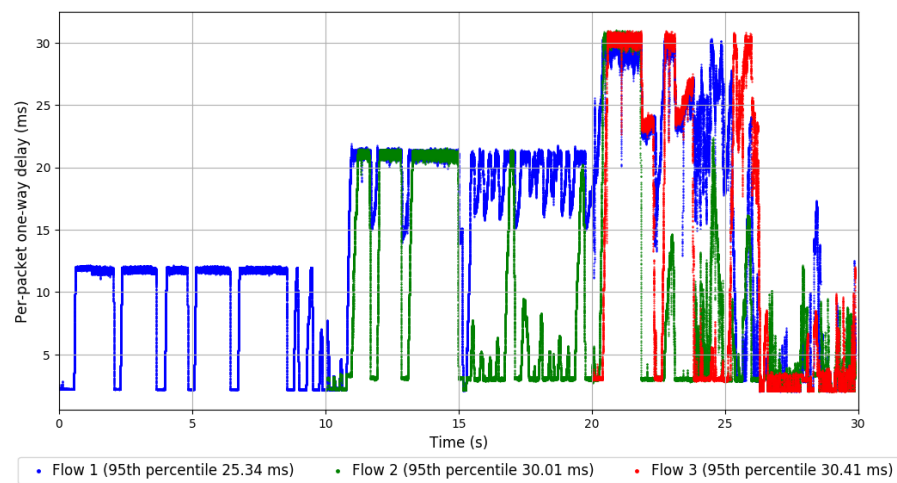
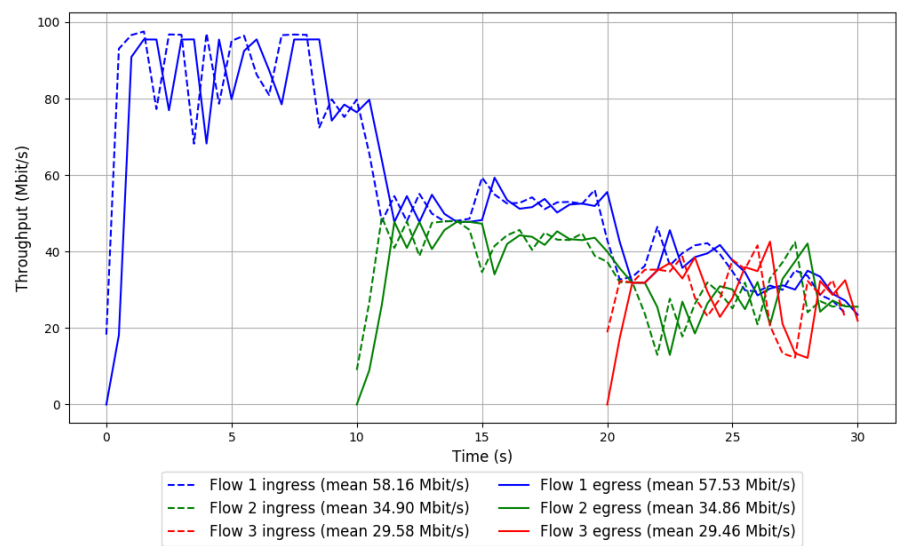
-- Flow 3:

Average throughput: 29.46 Mbit/s

95th percentile per-packet one-way delay: 30.407 ms

Loss rate: 0.46%

Run 5: Report of PCC-Expr — Data Link

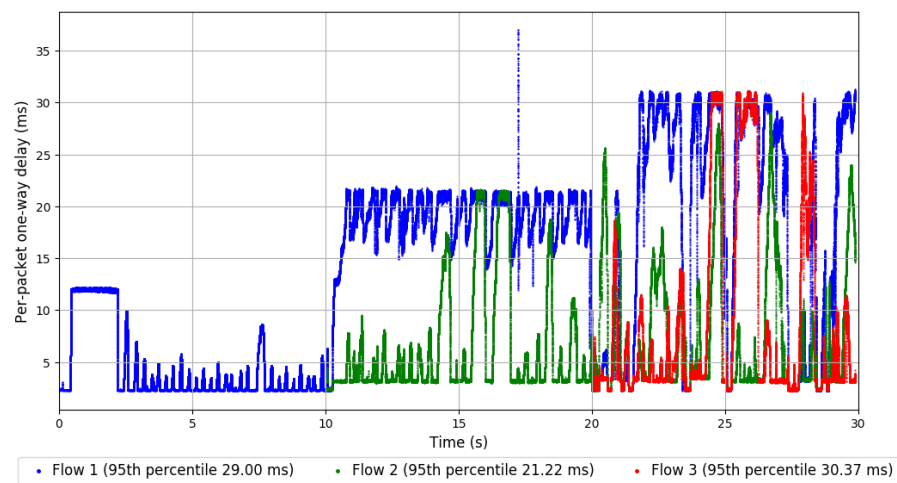
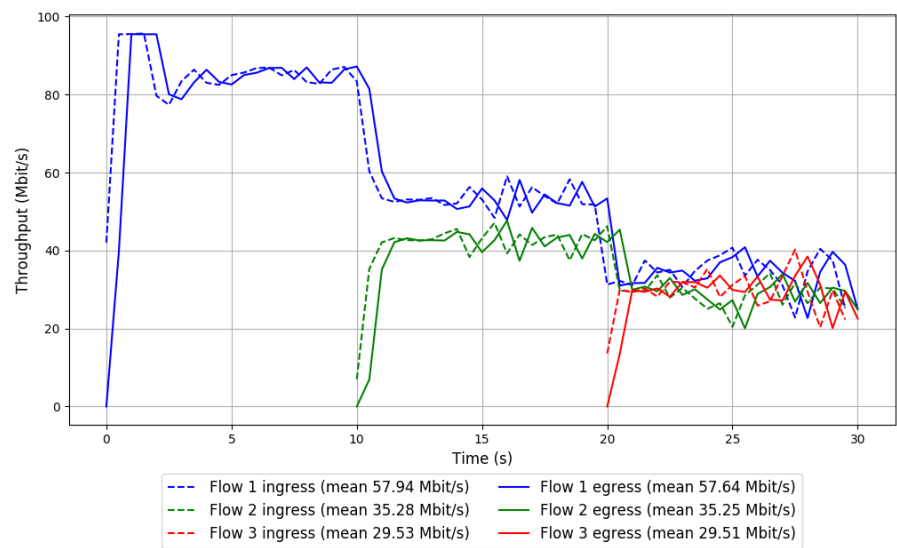


Run 6: Statistics of PCC-Expr

Start at: 2018-07-25 09:25:41
End at: 2018-07-25 09:26:11
Local clock offset: -2.283 ms
Remote clock offset: -7.038 ms

Below is generated by plot.py at 2018-07-25 11:03:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.82 Mbit/s
95th percentile per-packet one-way delay: 28.448 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 57.64 Mbit/s
95th percentile per-packet one-way delay: 29.000 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 35.25 Mbit/s
95th percentile per-packet one-way delay: 21.221 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 29.51 Mbit/s
95th percentile per-packet one-way delay: 30.373 ms
Loss rate: 0.11%

Run 6: Report of PCC-Expr — Data Link

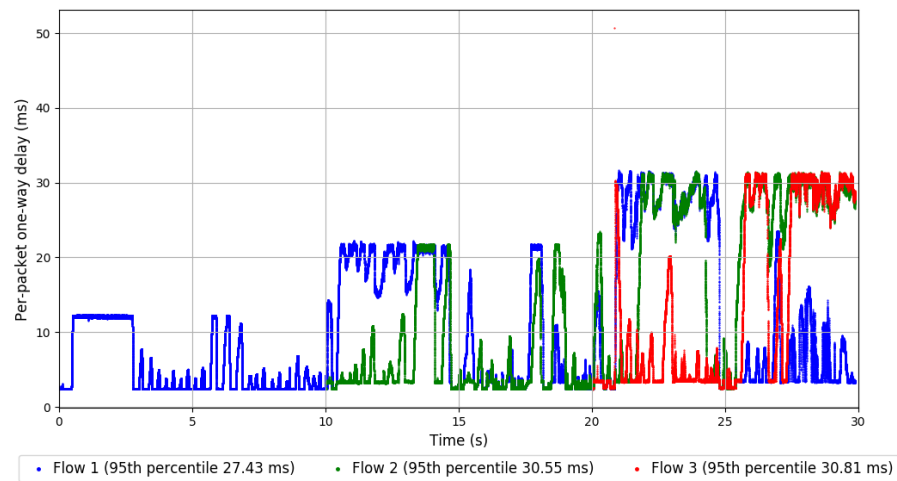
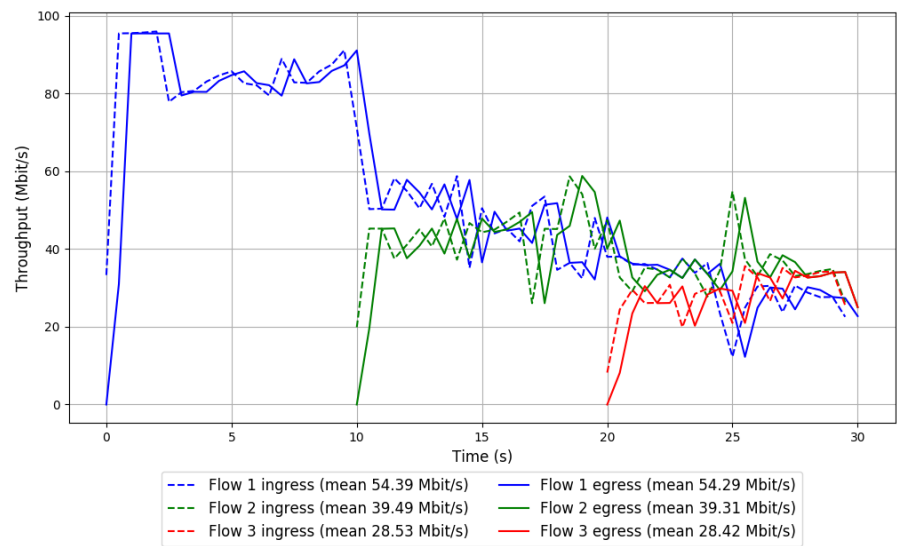


Run 7: Statistics of PCC-Expr

Start at: 2018-07-25 09:44:52
End at: 2018-07-25 09:45:22
Local clock offset: -2.25 ms
Remote clock offset: -4.463 ms

Below is generated by plot.py at 2018-07-25 11:03:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.81 Mbit/s
95th percentile per-packet one-way delay: 30.323 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 54.29 Mbit/s
95th percentile per-packet one-way delay: 27.425 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 39.31 Mbit/s
95th percentile per-packet one-way delay: 30.548 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 28.42 Mbit/s
95th percentile per-packet one-way delay: 30.808 ms
Loss rate: 0.55%

Run 7: Report of PCC-Expr — Data Link

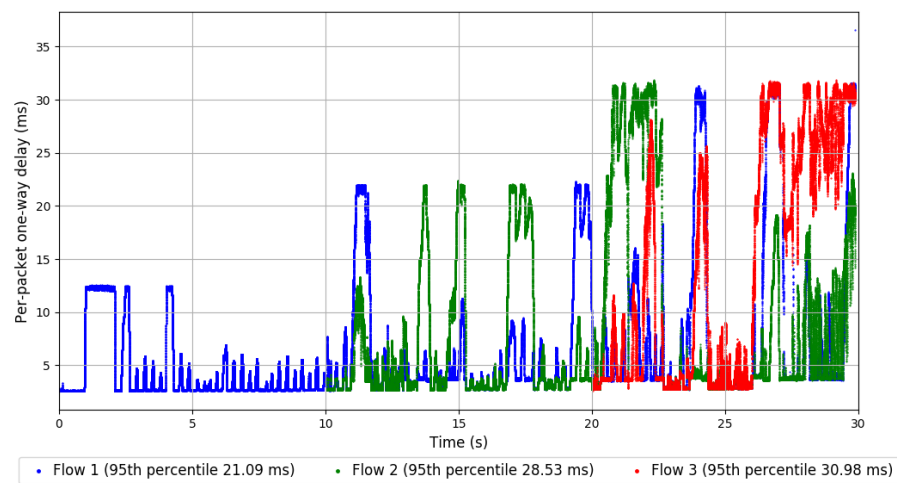
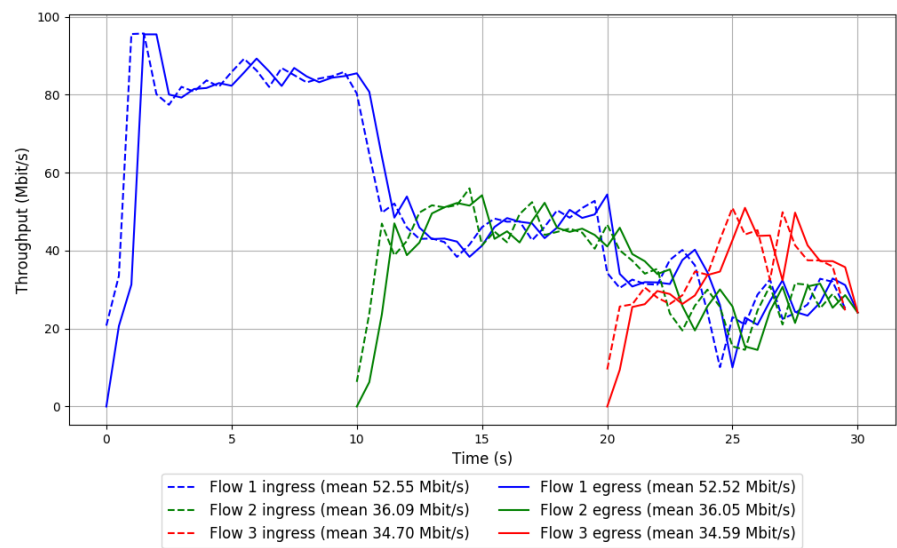


Run 8: Statistics of PCC-Expr

Start at: 2018-07-25 10:04:03
End at: 2018-07-25 10:04:33
Local clock offset: -3.367 ms
Remote clock offset: -2.455 ms

Below is generated by plot.py at 2018-07-25 11:03:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.91 Mbit/s
95th percentile per-packet one-way delay: 28.038 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 52.52 Mbit/s
95th percentile per-packet one-way delay: 21.093 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 36.05 Mbit/s
95th percentile per-packet one-way delay: 28.534 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 34.59 Mbit/s
95th percentile per-packet one-way delay: 30.979 ms
Loss rate: 0.50%

Run 8: Report of PCC-Expr — Data Link



Run 9: Statistics of PCC-Expr

Start at: 2018-07-25 10:23:13

End at: 2018-07-25 10:23:43

Local clock offset: -7.179 ms

Remote clock offset: -2.66 ms

Below is generated by plot.py at 2018-07-25 11:04:35

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.77 Mbit/s

95th percentile per-packet one-way delay: 30.355 ms

Loss rate: 0.24%

-- Flow 1:

Average throughput: 54.87 Mbit/s

95th percentile per-packet one-way delay: 29.844 ms

Loss rate: 0.23%

-- Flow 2:

Average throughput: 35.87 Mbit/s

95th percentile per-packet one-way delay: 30.370 ms

Loss rate: 0.25%

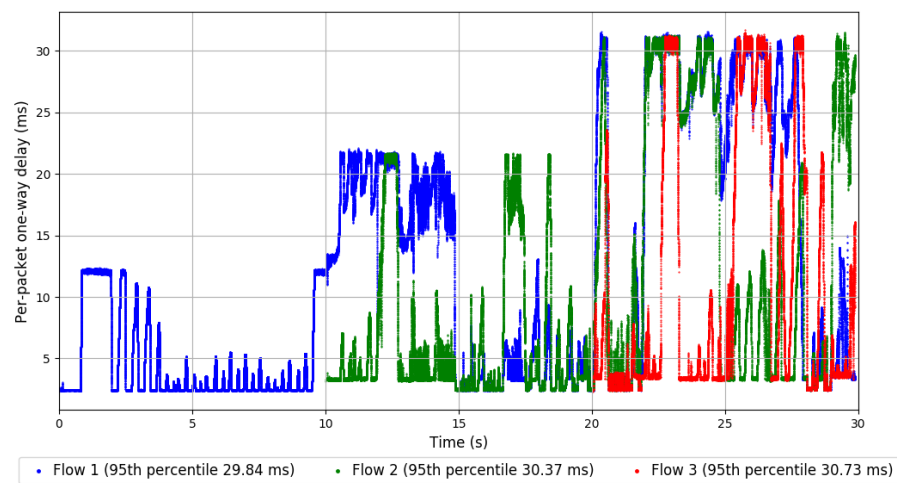
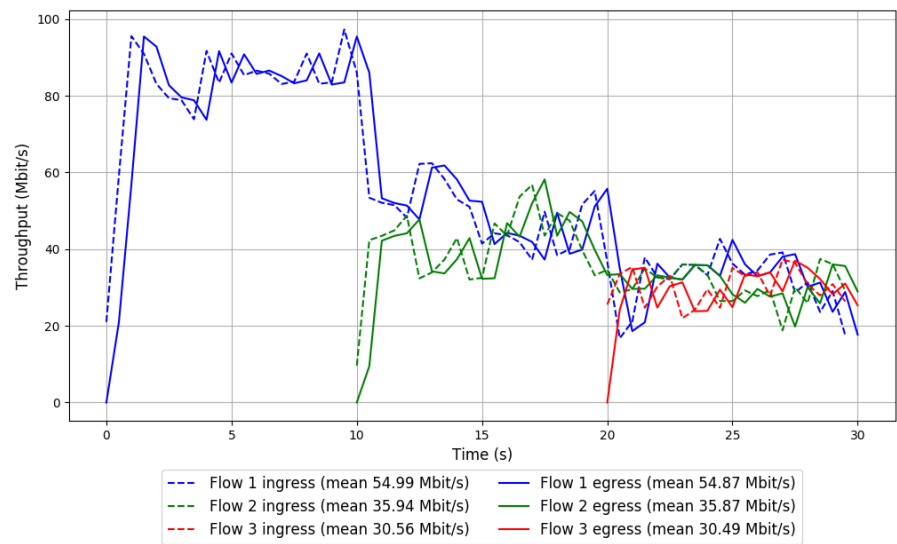
-- Flow 3:

Average throughput: 30.49 Mbit/s

95th percentile per-packet one-way delay: 30.728 ms

Loss rate: 0.29%

Run 9: Report of PCC-Expr — Data Link

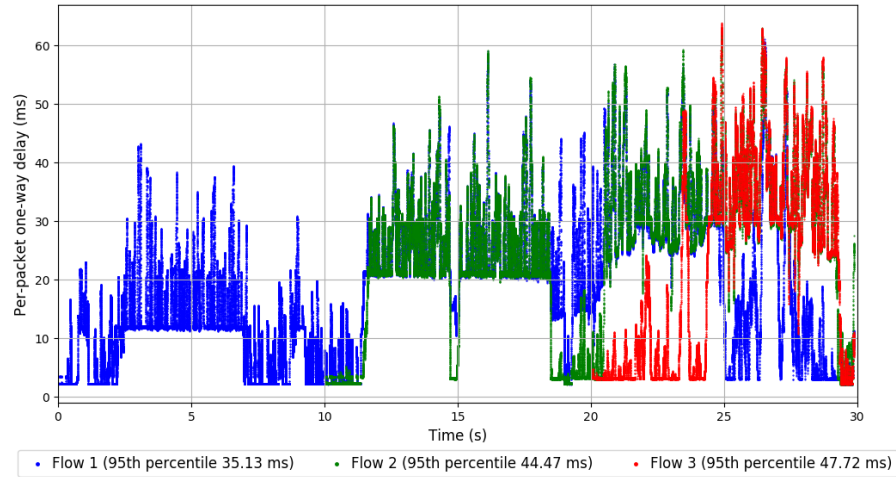
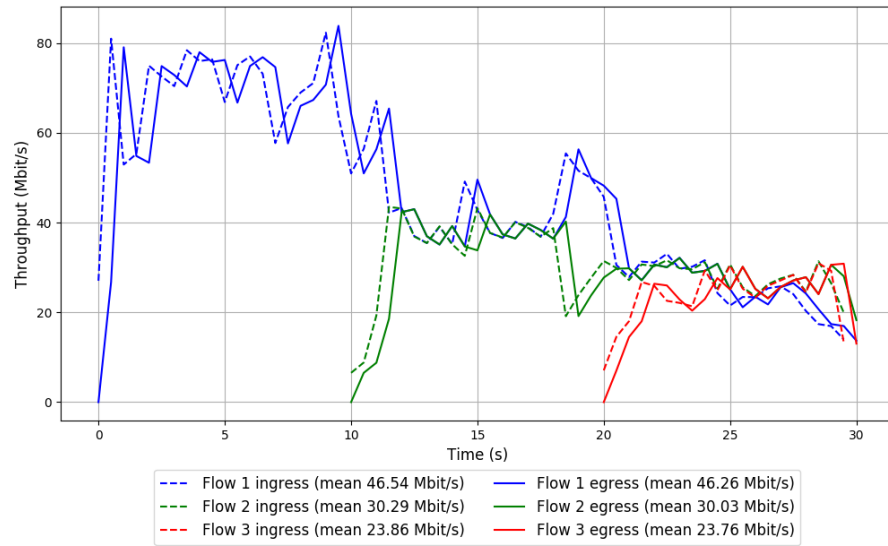


Run 10: Statistics of PCC-Expr

Start at: 2018-07-25 10:42:21
End at: 2018-07-25 10:42:51
Local clock offset: -3.247 ms
Remote clock offset: -2.399 ms

Below is generated by plot.py at 2018-07-25 11:04:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.07 Mbit/s
95th percentile per-packet one-way delay: 40.744 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 46.26 Mbit/s
95th percentile per-packet one-way delay: 35.133 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 30.03 Mbit/s
95th percentile per-packet one-way delay: 44.468 ms
Loss rate: 0.92%
-- Flow 3:
Average throughput: 23.76 Mbit/s
95th percentile per-packet one-way delay: 47.716 ms
Loss rate: 0.54%

Run 10: Report of PCC-Expr — Data Link

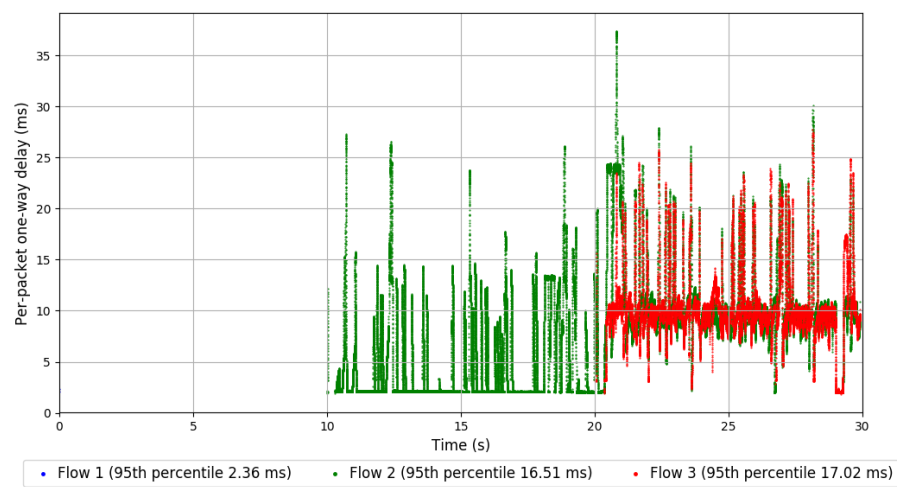
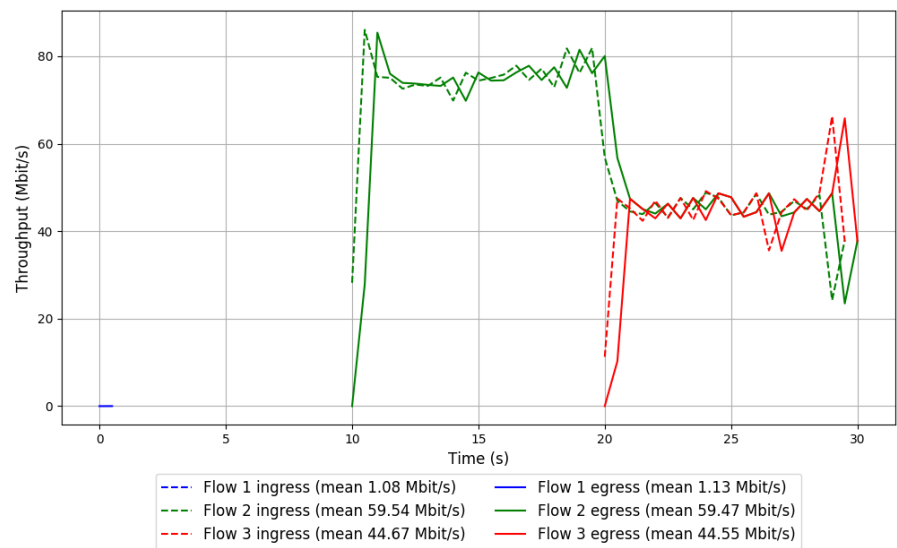


Run 1: Statistics of QUIC Cubic

Start at: 2018-07-25 07:38:33
End at: 2018-07-25 07:39:03
Local clock offset: -5.128 ms
Remote clock offset: -6.505 ms

Below is generated by plot.py at 2018-07-25 11:04:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 54.32 Mbit/s
95th percentile per-packet one-way delay: 16.796 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 1.13 Mbit/s
95th percentile per-packet one-way delay: 2.360 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 59.47 Mbit/s
95th percentile per-packet one-way delay: 16.514 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 44.55 Mbit/s
95th percentile per-packet one-way delay: 17.018 ms
Loss rate: 0.31%

Run 1: Report of QUIC Cubic — Data Link

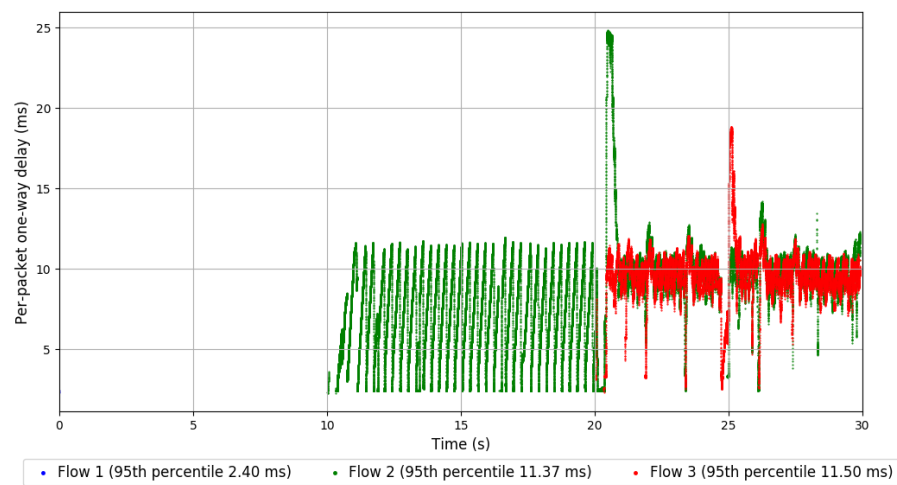
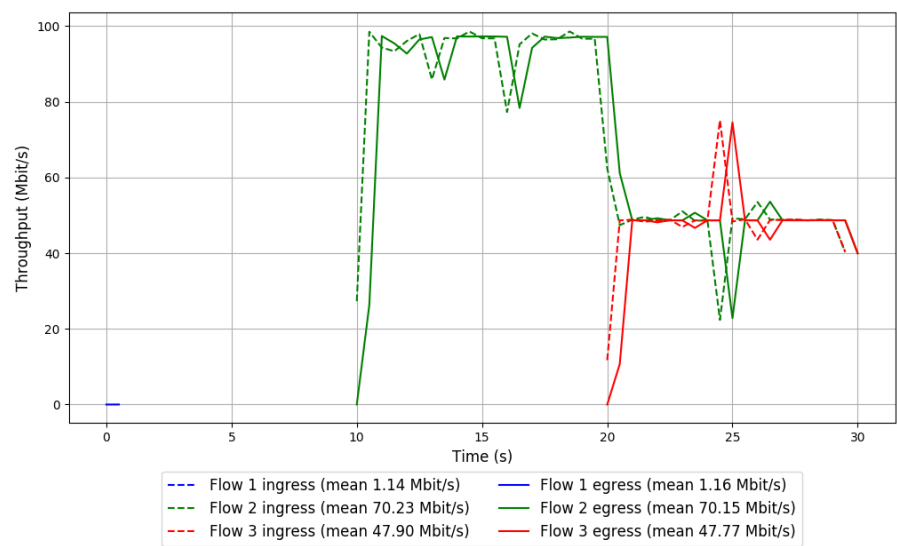


Run 2: Statistics of QUIC Cubic

Start at: 2018-07-25 07:57:43
End at: 2018-07-25 07:58:13
Local clock offset: -1.985 ms
Remote clock offset: -5.015 ms

Below is generated by plot.py at 2018-07-25 11:04:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.47 Mbit/s
95th percentile per-packet one-way delay: 11.396 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 1.16 Mbit/s
95th percentile per-packet one-way delay: 2.404 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 70.15 Mbit/s
95th percentile per-packet one-way delay: 11.367 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 47.77 Mbit/s
95th percentile per-packet one-way delay: 11.503 ms
Loss rate: 0.32%

Run 2: Report of QUIC Cubic — Data Link

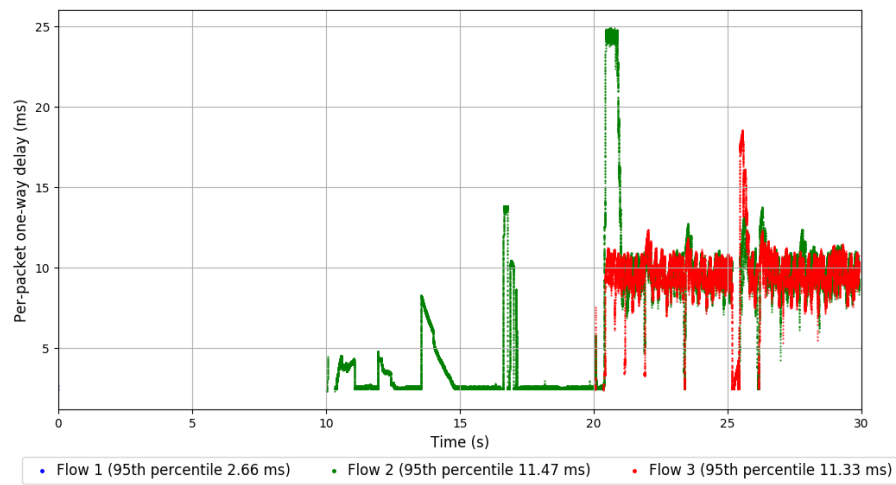
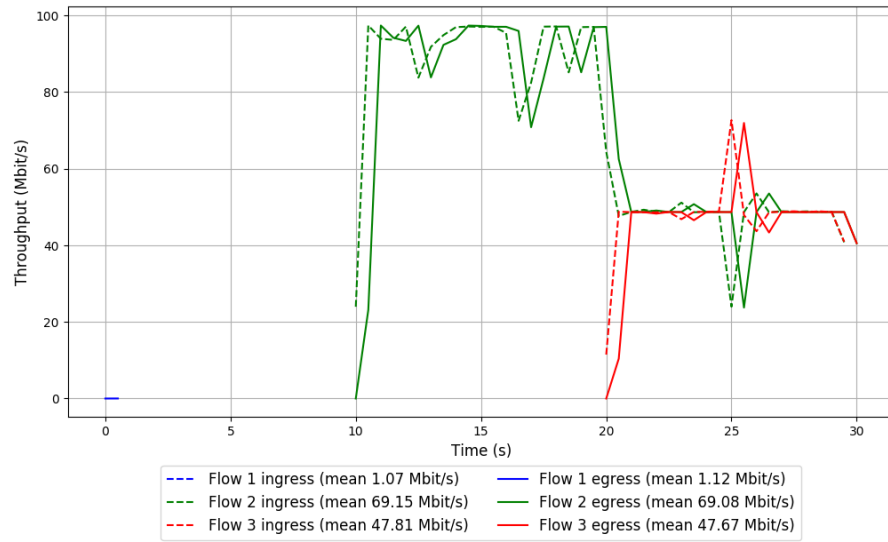


Run 3: Statistics of QUIC Cubic

Start at: 2018-07-25 08:16:53
End at: 2018-07-25 08:17:23
Local clock offset: -1.619 ms
Remote clock offset: -2.334 ms

Below is generated by plot.py at 2018-07-25 11:04:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 61.72 Mbit/s
95th percentile per-packet one-way delay: 11.403 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 1.12 Mbit/s
95th percentile per-packet one-way delay: 2.662 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 69.08 Mbit/s
95th percentile per-packet one-way delay: 11.467 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 47.67 Mbit/s
95th percentile per-packet one-way delay: 11.331 ms
Loss rate: 0.32%

Run 3: Report of QUIC Cubic — Data Link

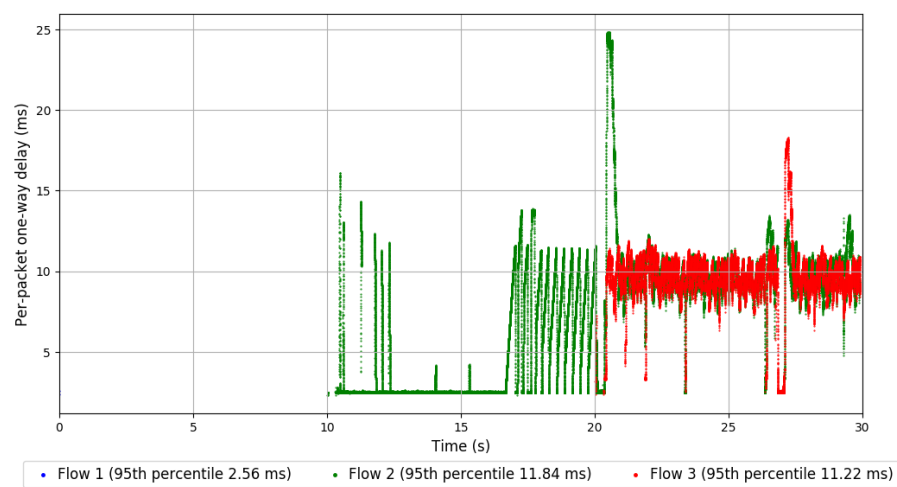
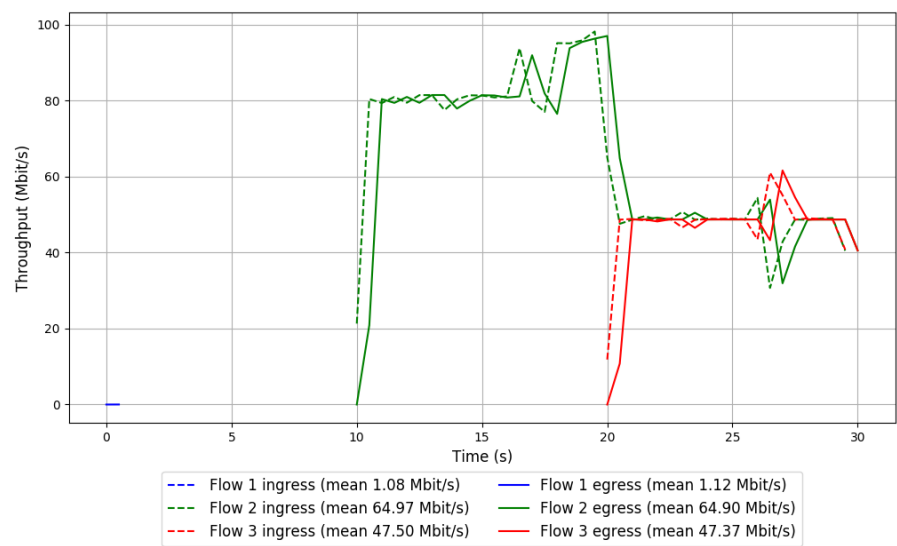


Run 4: Statistics of QUIC Cubic

Start at: 2018-07-25 08:36:03
End at: 2018-07-25 08:36:33
Local clock offset: -3.782 ms
Remote clock offset: -4.754 ms

Below is generated by plot.py at 2018-07-25 11:04:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 58.87 Mbit/s
95th percentile per-packet one-way delay: 11.554 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 1.12 Mbit/s
95th percentile per-packet one-way delay: 2.555 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 64.90 Mbit/s
95th percentile per-packet one-way delay: 11.843 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 47.37 Mbit/s
95th percentile per-packet one-way delay: 11.219 ms
Loss rate: 0.31%

Run 4: Report of QUIC Cubic — Data Link

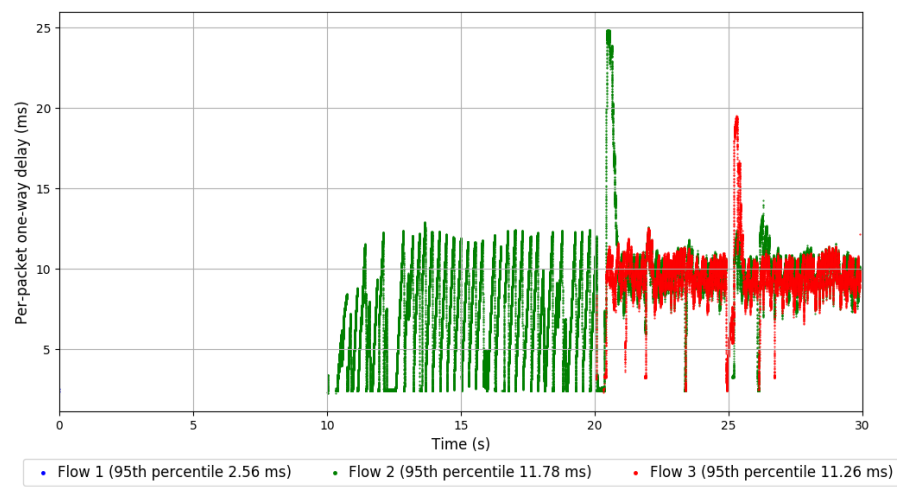
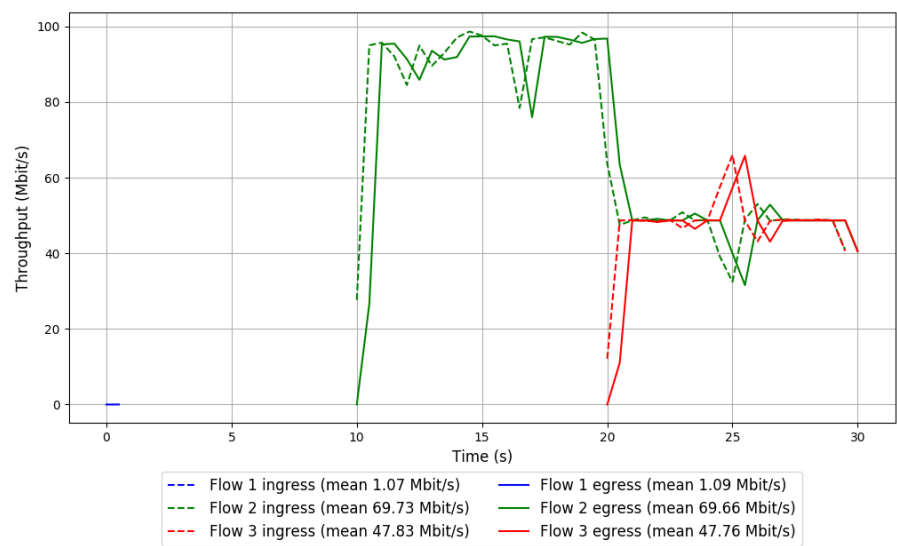


Run 5: Statistics of QUIC Cubic

Start at: 2018-07-25 08:55:14
End at: 2018-07-25 08:55:44
Local clock offset: -7.548 ms
Remote clock offset: -6.969 ms

Below is generated by plot.py at 2018-07-25 11:04:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.15 Mbit/s
95th percentile per-packet one-way delay: 11.726 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 1.09 Mbit/s
95th percentile per-packet one-way delay: 2.561 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 69.66 Mbit/s
95th percentile per-packet one-way delay: 11.783 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 47.76 Mbit/s
95th percentile per-packet one-way delay: 11.261 ms
Loss rate: 0.30%

Run 5: Report of QUIC Cubic — Data Link

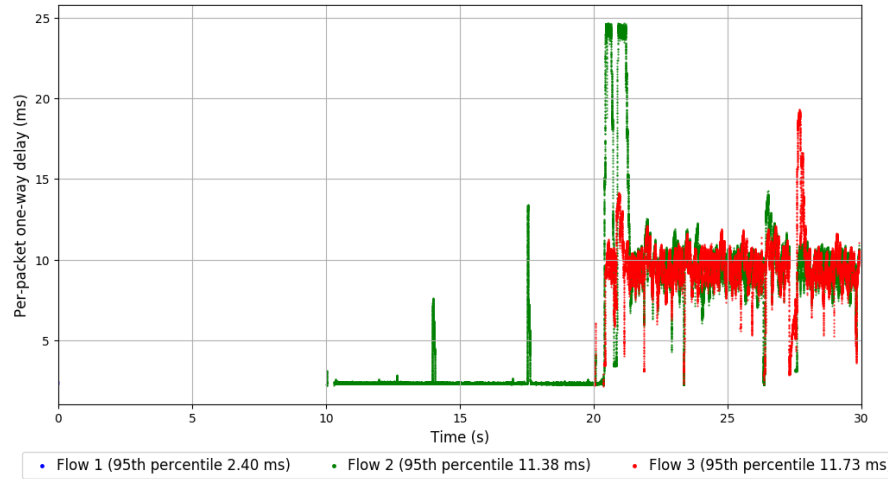
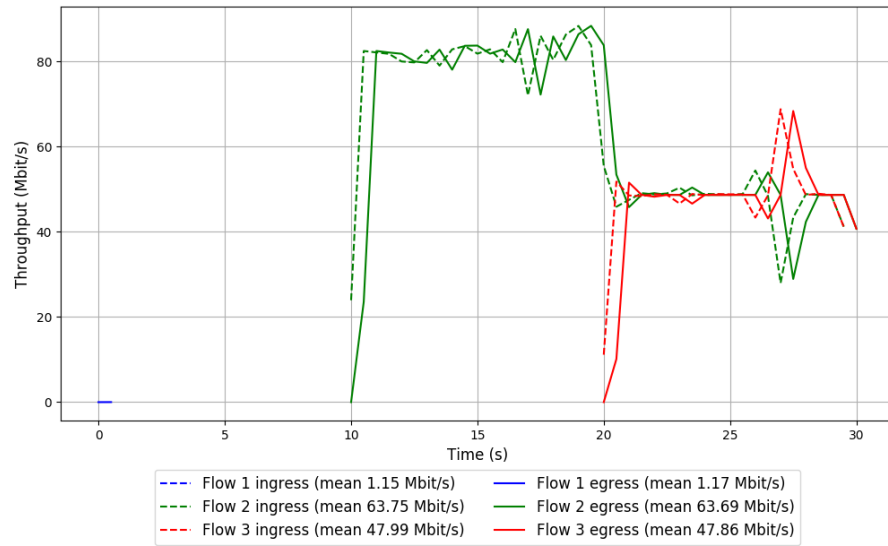


Run 6: Statistics of QUIC Cubic

Start at: 2018-07-25 09:14:24
End at: 2018-07-25 09:14:54
Local clock offset: -3.46 ms
Remote clock offset: -7.055 ms

Below is generated by plot.py at 2018-07-25 11:04:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 58.23 Mbit/s
95th percentile per-packet one-way delay: 11.564 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 1.17 Mbit/s
95th percentile per-packet one-way delay: 2.404 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 63.69 Mbit/s
95th percentile per-packet one-way delay: 11.384 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 47.86 Mbit/s
95th percentile per-packet one-way delay: 11.730 ms
Loss rate: 0.32%

Run 6: Report of QUIC Cubic — Data Link

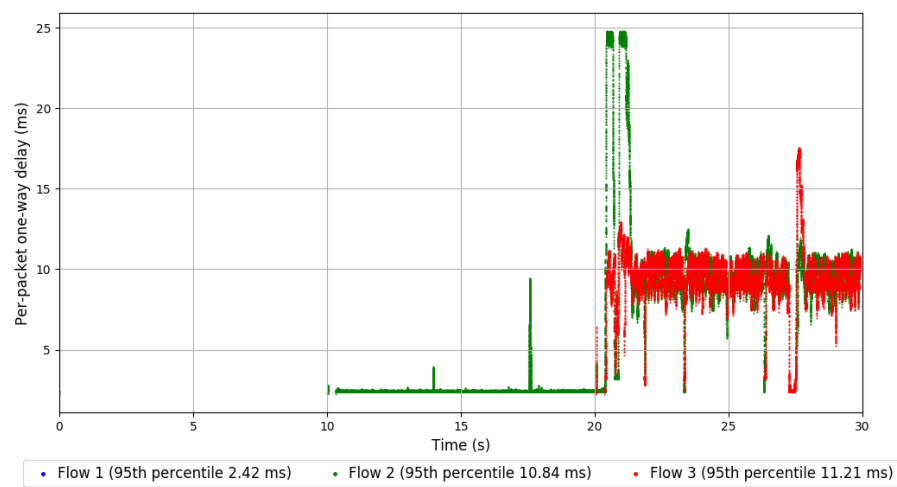
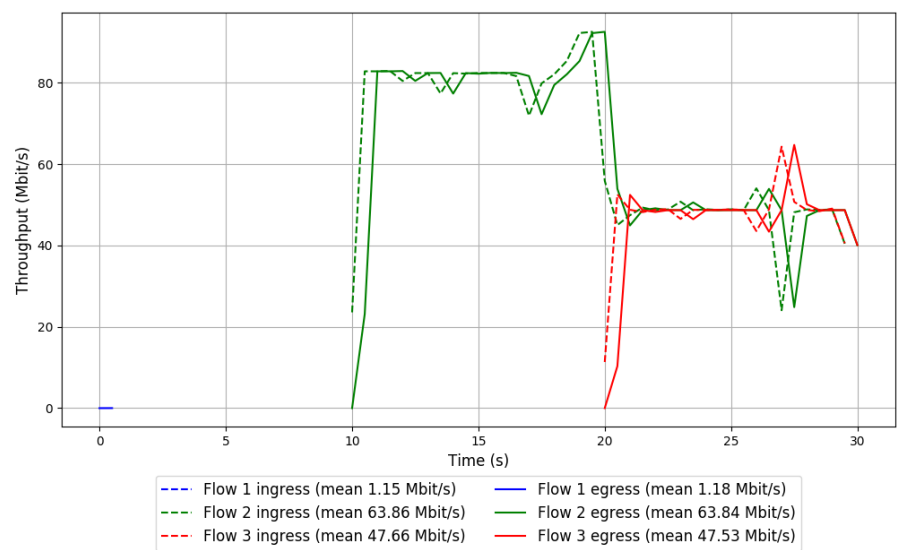


Run 7: Statistics of QUIC Cubic

Start at: 2018-07-25 09:33:34
End at: 2018-07-25 09:34:04
Local clock offset: -2.009 ms
Remote clock offset: -6.993 ms

Below is generated by plot.py at 2018-07-25 11:04:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 58.19 Mbit/s
95th percentile per-packet one-way delay: 10.935 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 1.18 Mbit/s
95th percentile per-packet one-way delay: 2.422 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 63.84 Mbit/s
95th percentile per-packet one-way delay: 10.836 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 47.53 Mbit/s
95th percentile per-packet one-way delay: 11.208 ms
Loss rate: 0.33%

Run 7: Report of QUIC Cubic — Data Link

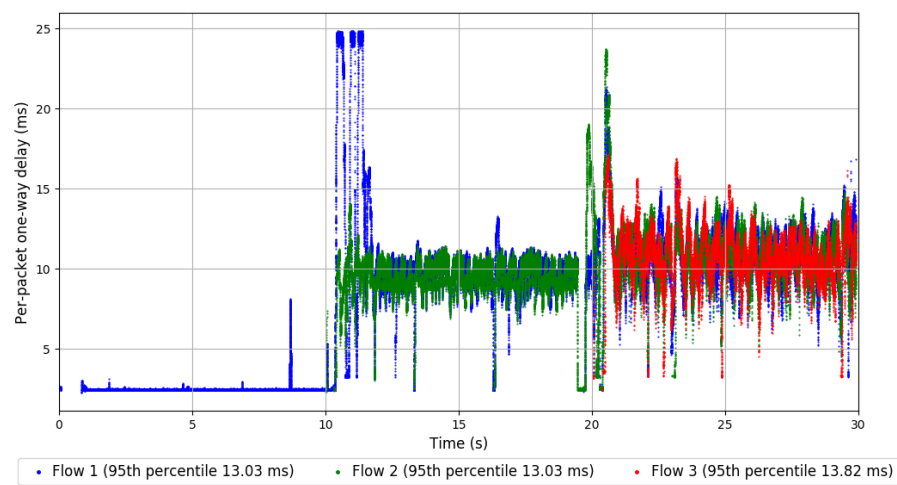
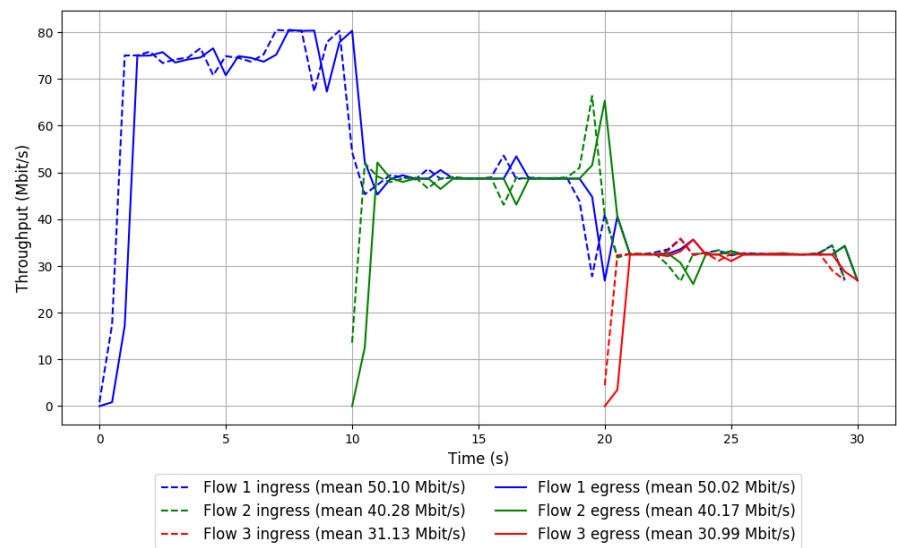


Run 8: Statistics of QUIC Cubic

Start at: 2018-07-25 09:52:45
End at: 2018-07-25 09:53:15
Local clock offset: -2.181 ms
Remote clock offset: -3.328 ms

Below is generated by plot.py at 2018-07-25 11:04:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.98 Mbit/s
95th percentile per-packet one-way delay: 13.239 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 50.02 Mbit/s
95th percentile per-packet one-way delay: 13.033 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 40.17 Mbit/s
95th percentile per-packet one-way delay: 13.028 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 30.99 Mbit/s
95th percentile per-packet one-way delay: 13.822 ms
Loss rate: 0.46%

Run 8: Report of QUIC Cubic — Data Link

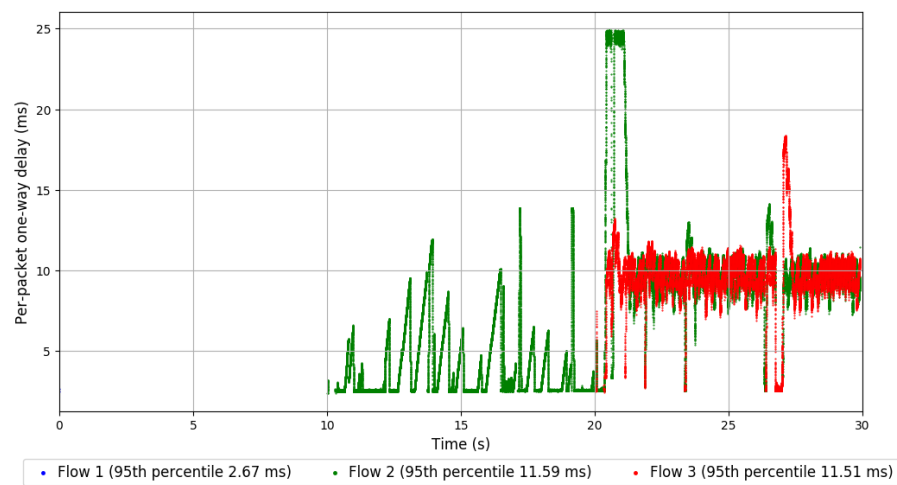
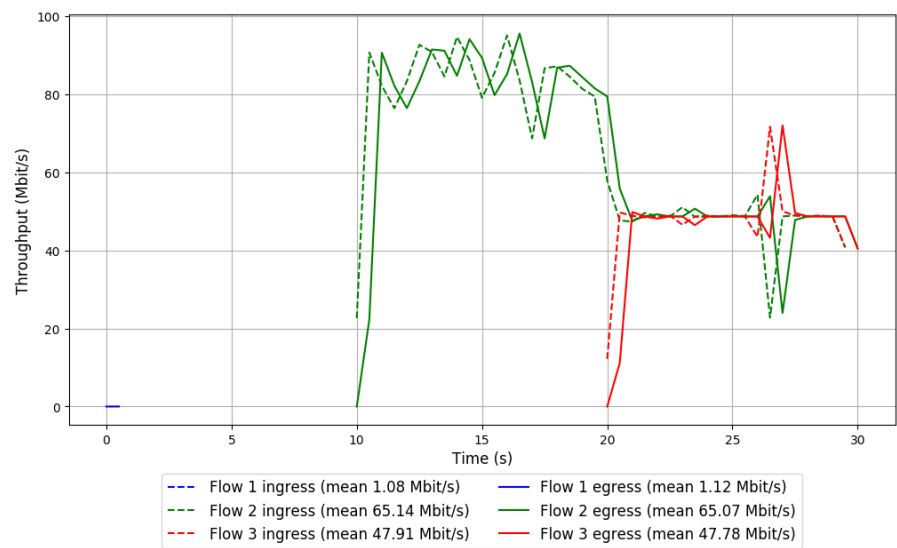


Run 9: Statistics of QUIC Cubic

Start at: 2018-07-25 10:11:56
End at: 2018-07-25 10:12:26
Local clock offset: -5.696 ms
Remote clock offset: -2.265 ms

Below is generated by plot.py at 2018-07-25 11:04:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 59.10 Mbit/s
95th percentile per-packet one-way delay: 11.562 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 1.12 Mbit/s
95th percentile per-packet one-way delay: 2.667 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 65.07 Mbit/s
95th percentile per-packet one-way delay: 11.593 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 47.78 Mbit/s
95th percentile per-packet one-way delay: 11.505 ms
Loss rate: 0.31%

Run 9: Report of QUIC Cubic — Data Link

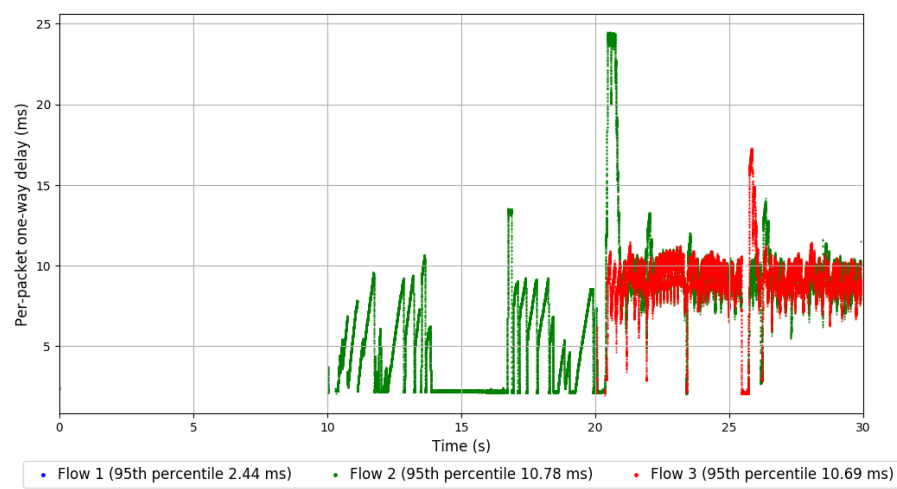
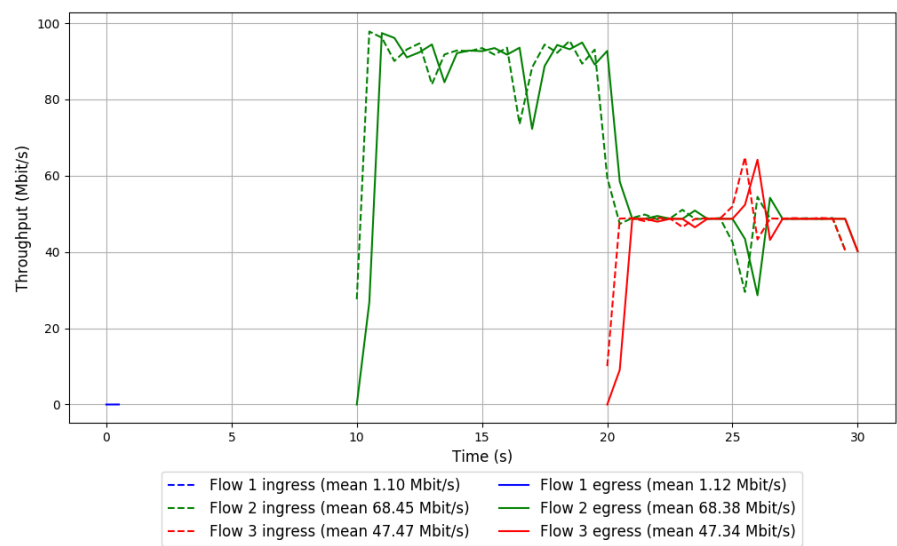


Run 10: Statistics of QUIC Cubic

Start at: 2018-07-25 10:31:06
End at: 2018-07-25 10:31:36
Local clock offset: -7.777 ms
Remote clock offset: -2.614 ms

Below is generated by plot.py at 2018-07-25 11:04:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 61.16 Mbit/s
95th percentile per-packet one-way delay: 10.729 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 1.12 Mbit/s
95th percentile per-packet one-way delay: 2.437 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 68.38 Mbit/s
95th percentile per-packet one-way delay: 10.781 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 47.34 Mbit/s
95th percentile per-packet one-way delay: 10.688 ms
Loss rate: 0.33%

Run 10: Report of QUIC Cubic — Data Link

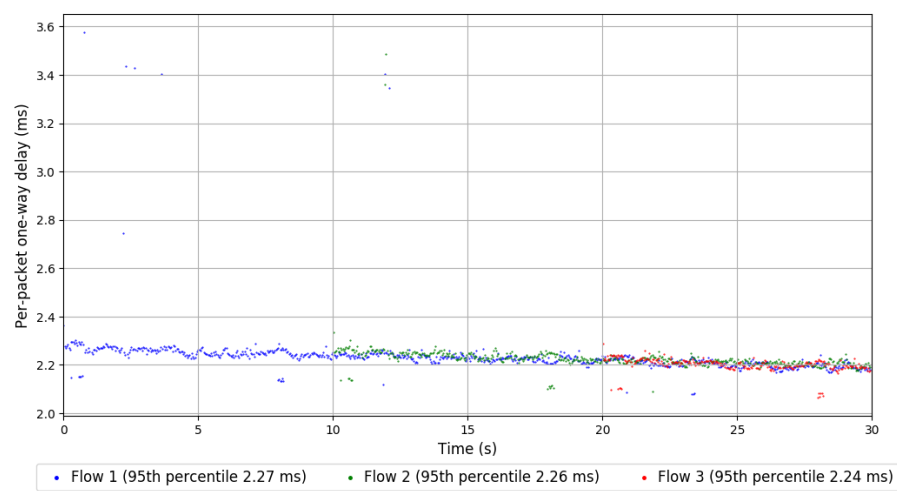
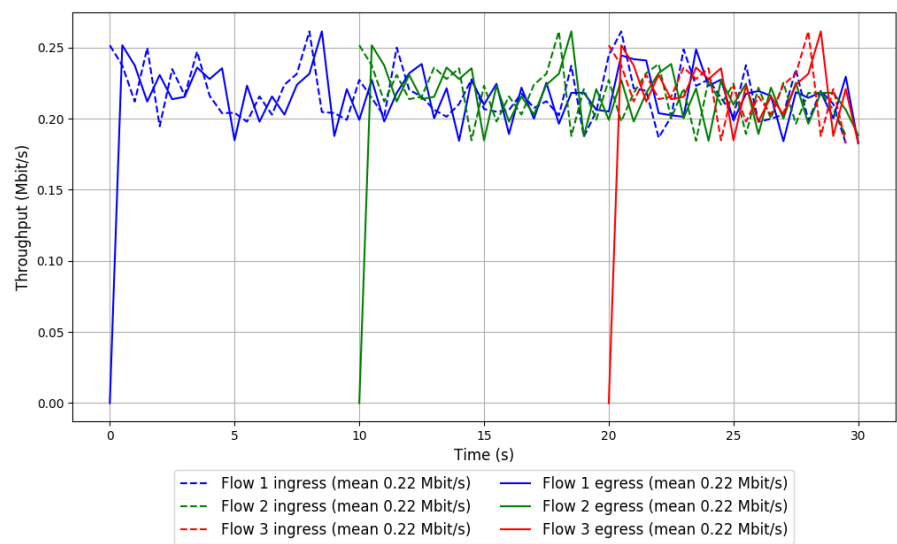


```
Run 1: Statistics of SReAM

Start at: 2018-07-25 07:45:20
End at: 2018-07-25 07:45:50
Local clock offset: -3.319 ms
Remote clock offset: -6.424 ms

# Below is generated by plot.py at 2018-07-25 11:04:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.269 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.274 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.262 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.236 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link

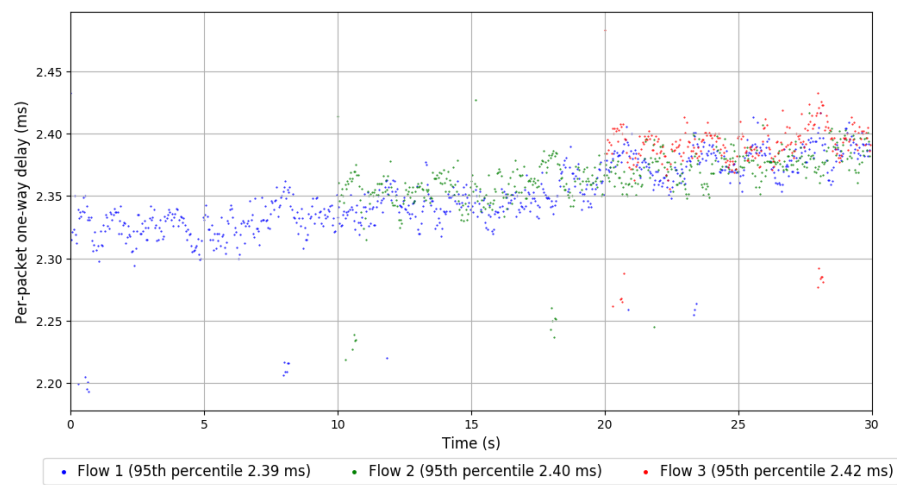
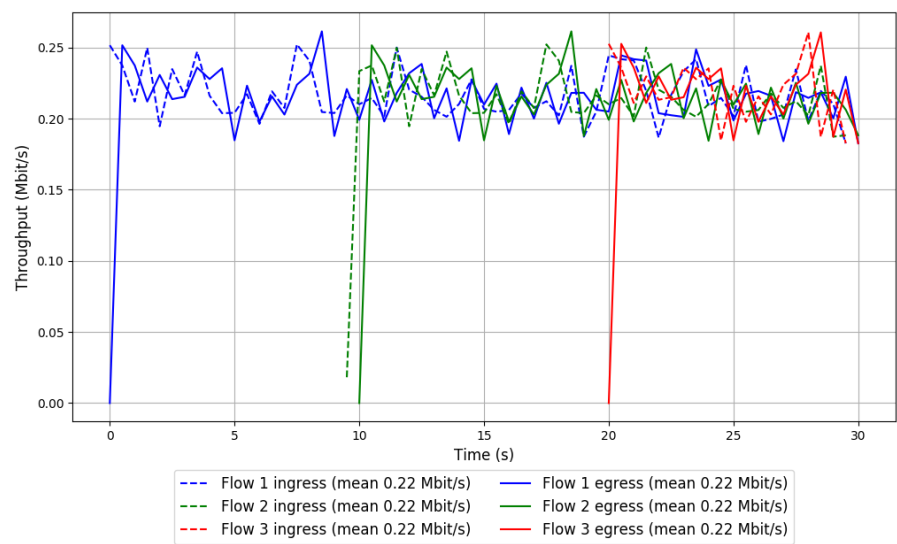


Run 2: Statistics of SReAM

Start at: 2018-07-25 08:04:30
End at: 2018-07-25 08:05:00
Local clock offset: -1.794 ms
Remote clock offset: -3.541 ms

Below is generated by plot.py at 2018-07-25 11:04:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.401 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.392 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.395 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.415 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

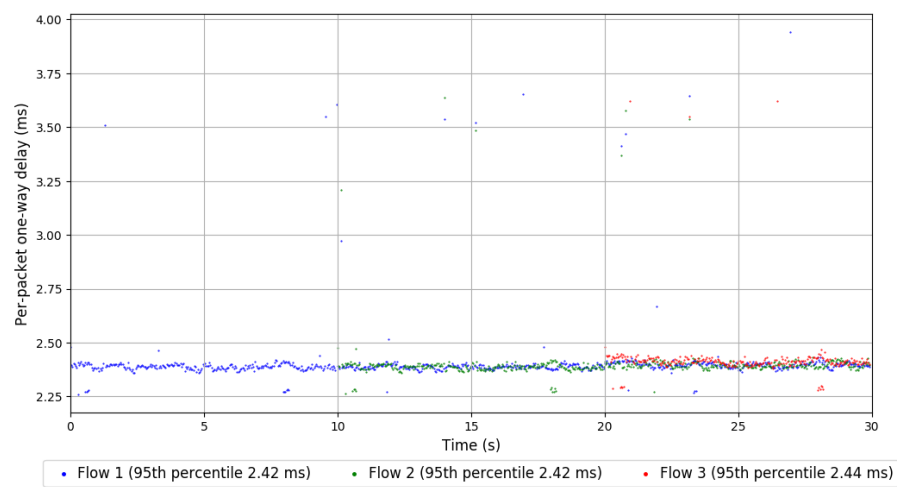
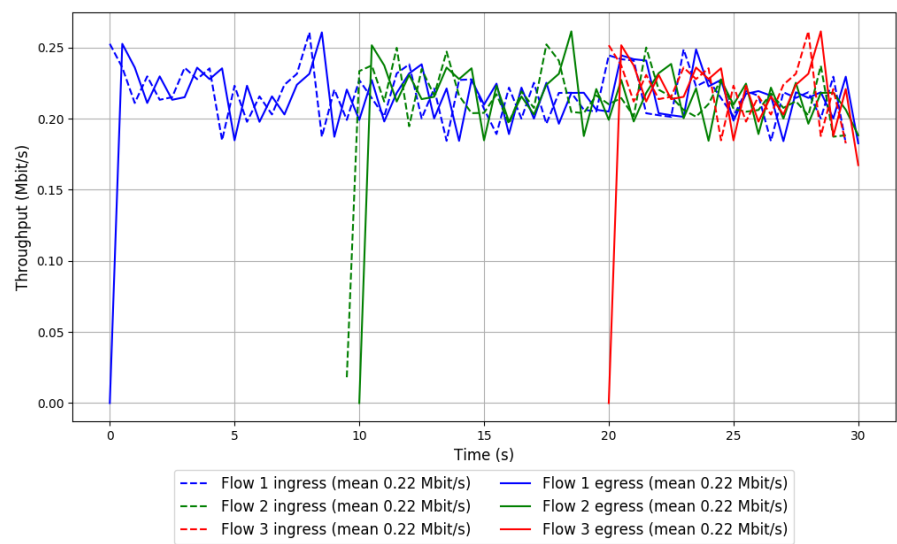


Run 3: Statistics of SReAM

Start at: 2018-07-25 08:23:40
End at: 2018-07-25 08:24:10
Local clock offset: -1.487 ms
Remote clock offset: -1.804 ms

Below is generated by plot.py at 2018-07-25 11:04:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.430 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.415 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.419 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.441 ms
Loss rate: 0.35%

Run 3: Report of SReAM — Data Link

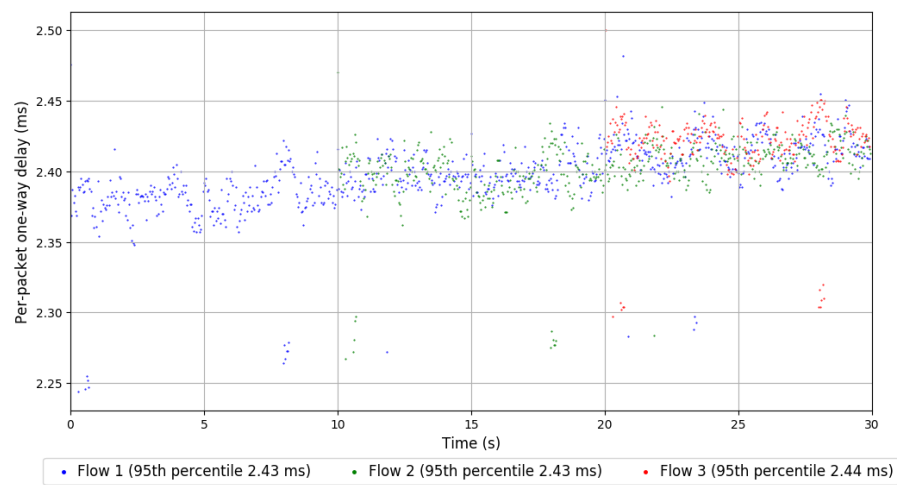
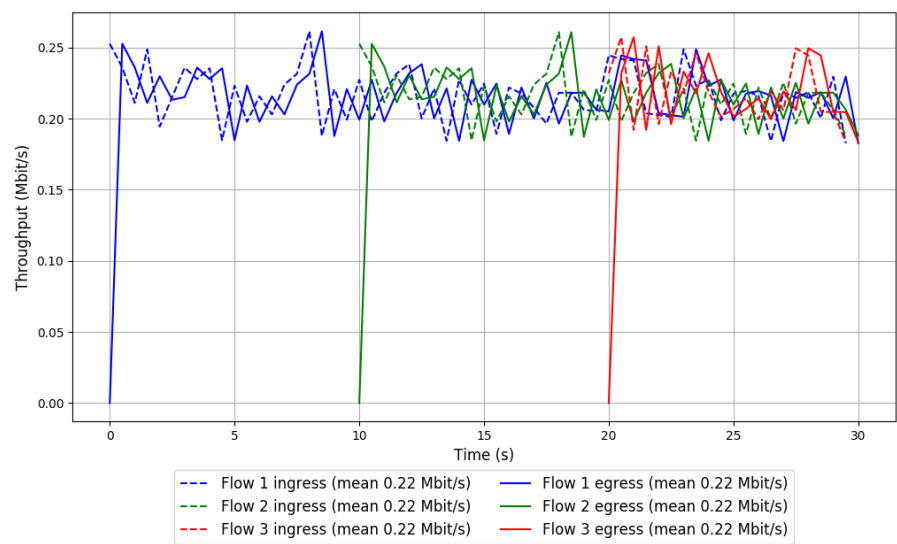


Run 4: Statistics of SReAM

Start at: 2018-07-25 08:42:50
End at: 2018-07-25 08:43:20
Local clock offset: -5.888 ms
Remote clock offset: -6.008 ms

Below is generated by plot.py at 2018-07-25 11:04:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.434 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.430 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.426 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.442 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

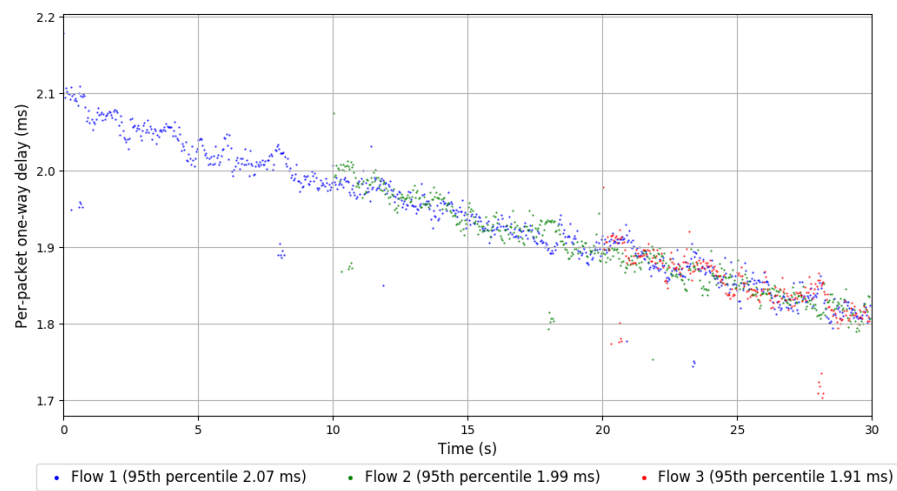
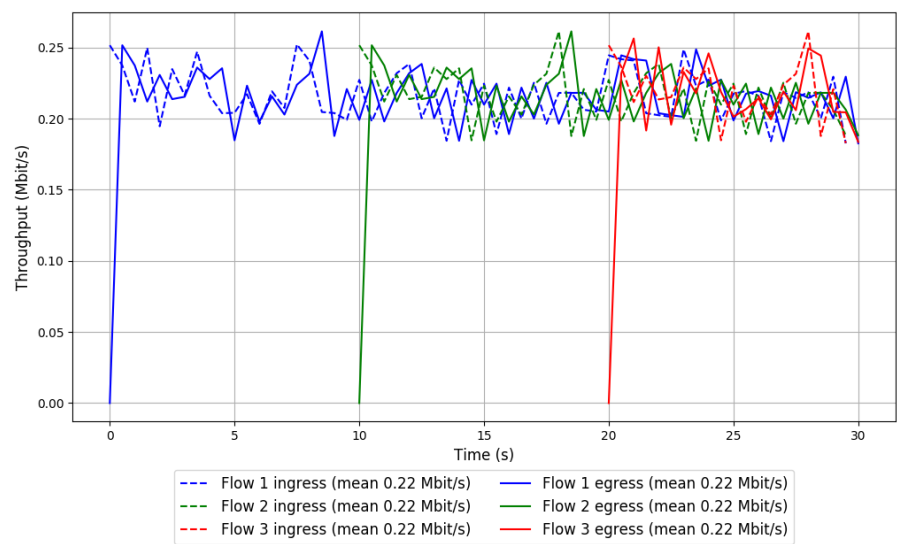


Run 5: Statistics of SReAM

Start at: 2018-07-25 09:02:01
End at: 2018-07-25 09:02:31
Local clock offset: -7.738 ms
Remote clock offset: -7.194 ms

Below is generated by plot.py at 2018-07-25 11:04:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.053 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.071 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.988 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.907 ms
Loss rate: 0.35%

Run 5: Report of SReAM — Data Link

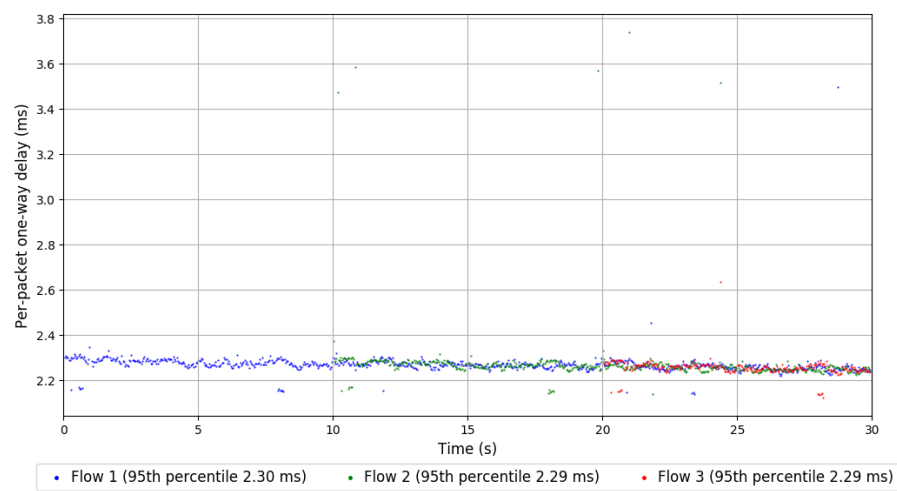
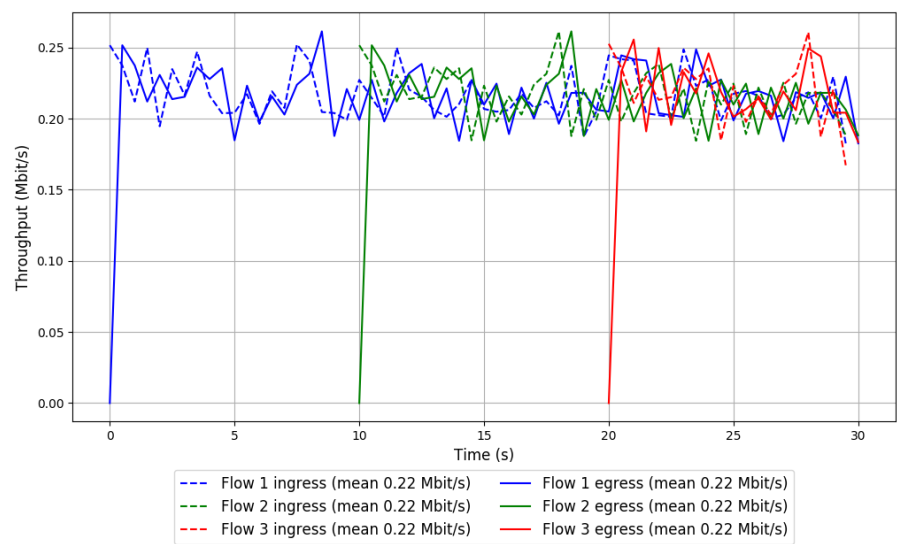


Run 6: Statistics of SReAM

Start at: 2018-07-25 09:21:11
End at: 2018-07-25 09:21:41
Local clock offset: -2.584 ms
Remote clock offset: -6.957 ms

Below is generated by plot.py at 2018-07-25 11:04:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.296 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.300 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.292 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.285 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

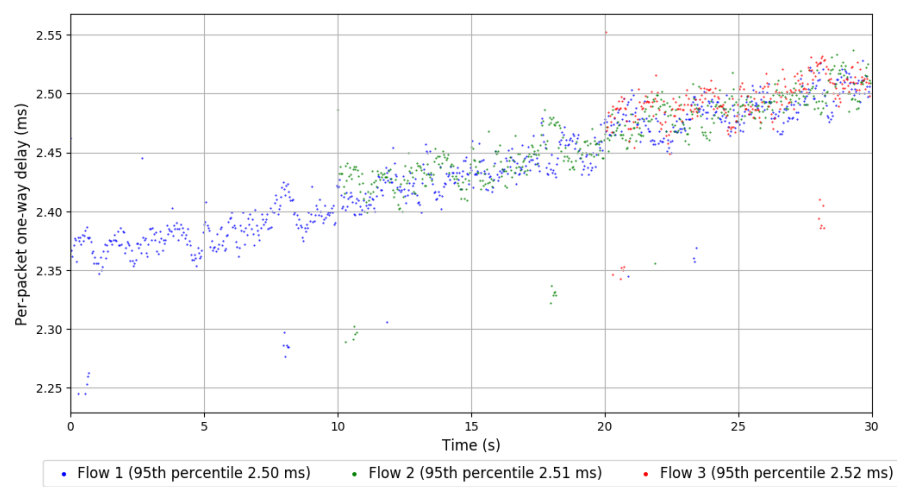
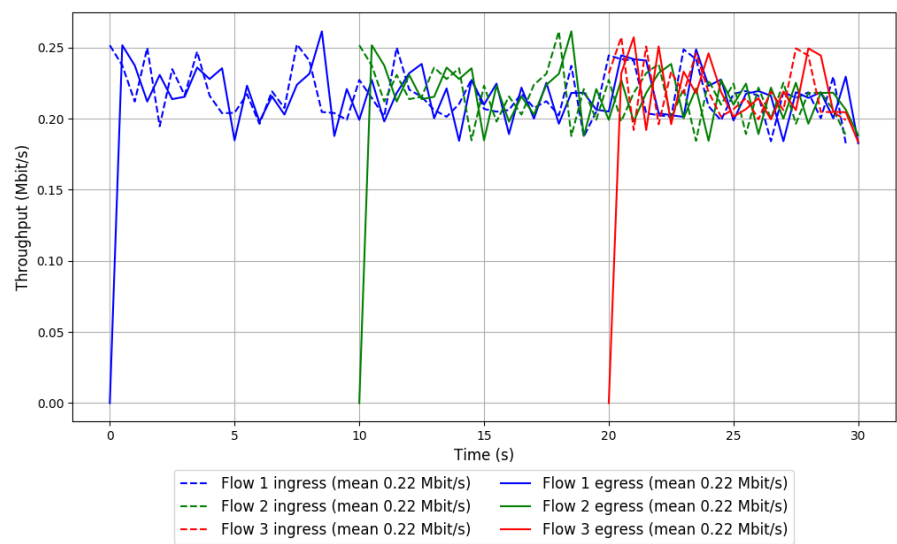


Run 7: Statistics of SReAM

Start at: 2018-07-25 09:40:21
End at: 2018-07-25 09:40:51
Local clock offset: -2.263 ms
Remote clock offset: -5.483 ms

Below is generated by plot.py at 2018-07-25 11:04:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.512 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.504 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.511 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.523 ms
Loss rate: 0.35%

Run 7: Report of SReAM — Data Link

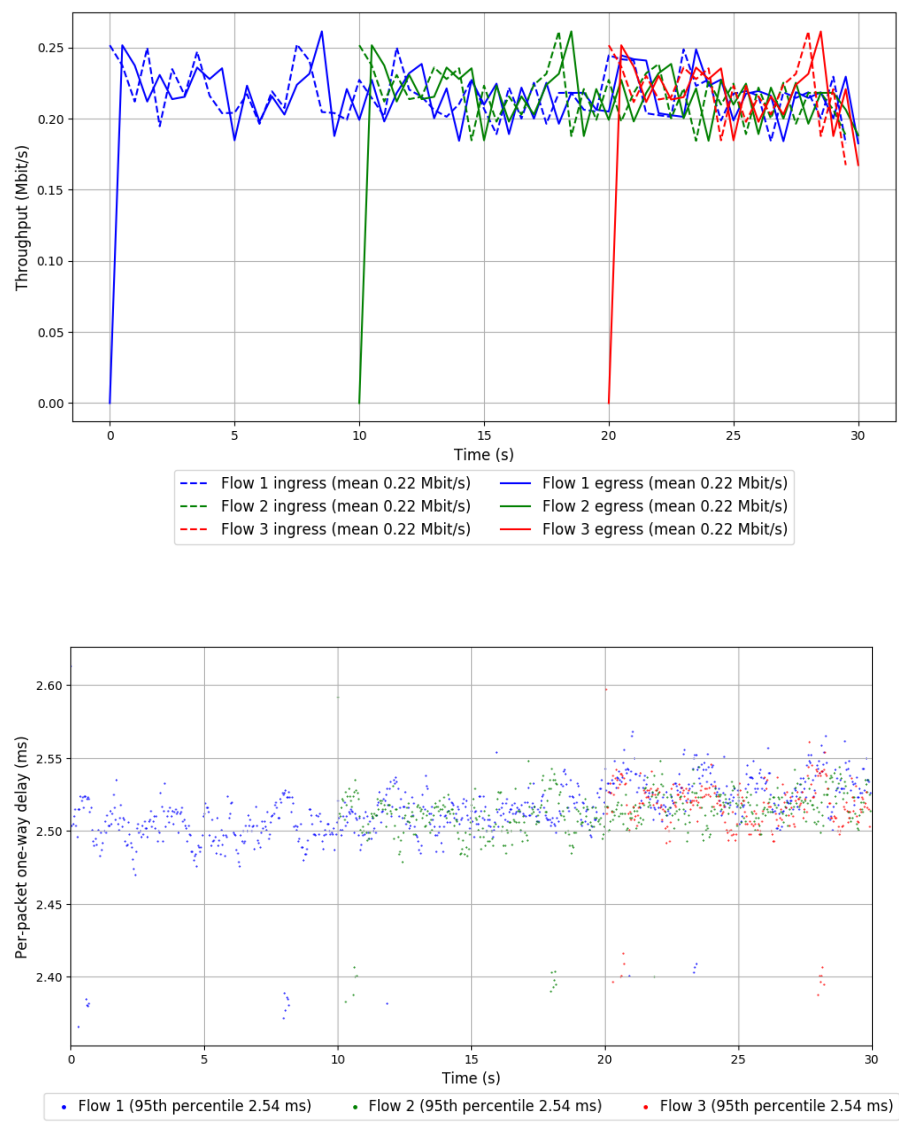


Run 8: Statistics of SReAM

Start at: 2018-07-25 09:59:33
End at: 2018-07-25 10:00:03
Local clock offset: -2.109 ms
Remote clock offset: -2.829 ms

Below is generated by plot.py at 2018-07-25 11:04:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.541 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.544 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.535 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.540 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SReAM

Start at: 2018-07-25 10:18:43

End at: 2018-07-25 10:19:13

Local clock offset: -6.758 ms

Remote clock offset: -2.59 ms

Below is generated by plot.py at 2018-07-25 11:04:59

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 2.431 ms

Loss rate: 0.06%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.421 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.432 ms

Loss rate: 0.00%

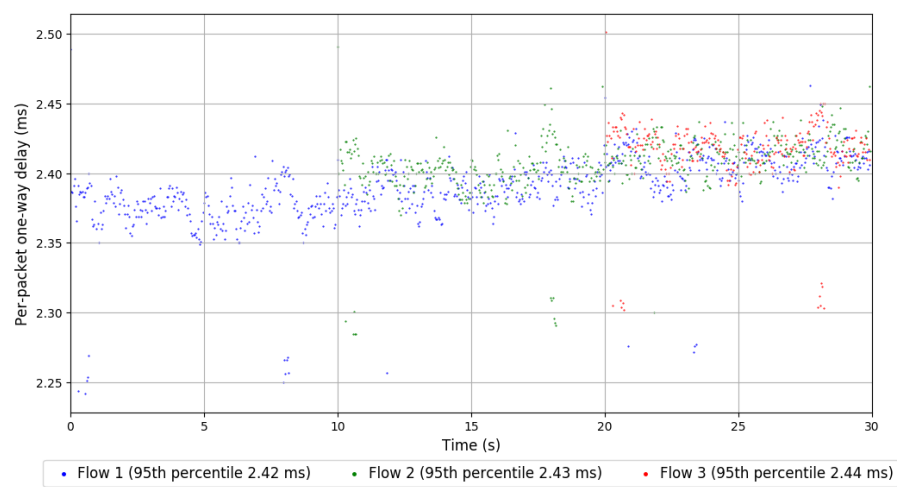
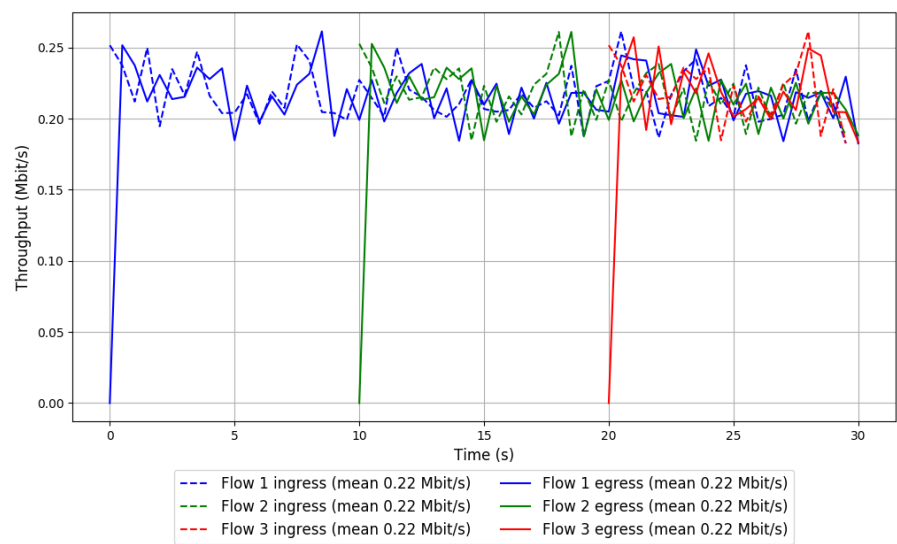
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.440 ms

Loss rate: 0.35%

Run 9: Report of SReAM — Data Link

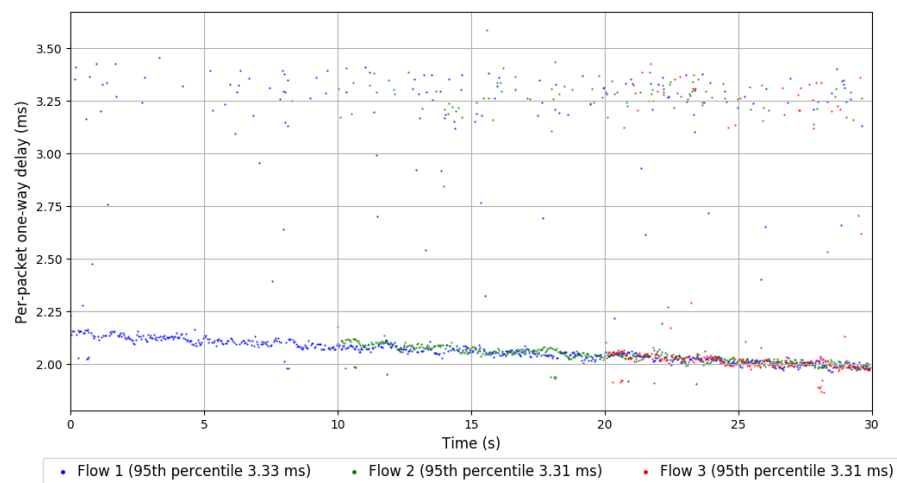
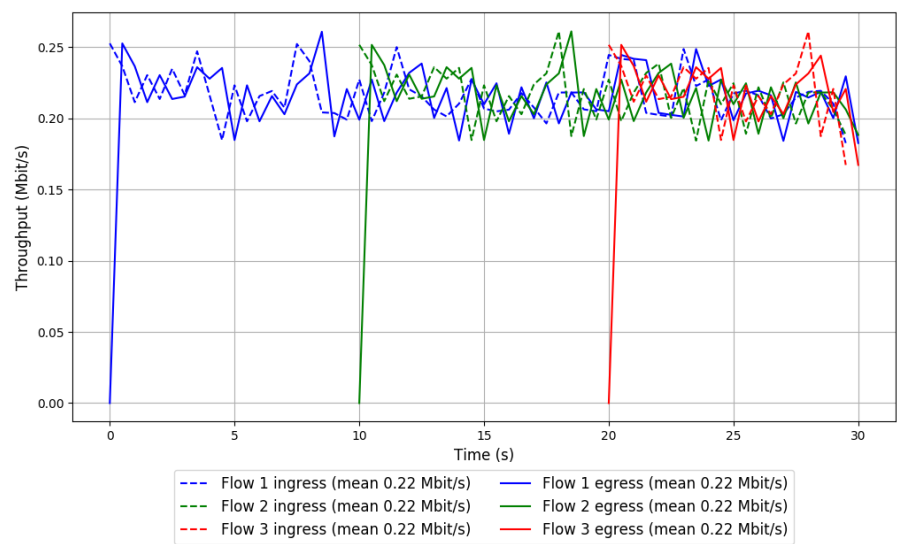


Run 10: Statistics of SReAM

Start at: 2018-07-25 10:37:53
End at: 2018-07-25 10:38:23
Local clock offset: -4.566 ms
Remote clock offset: -2.473 ms

Below is generated by plot.py at 2018-07-25 11:04:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 3.321 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.329 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.307 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.306 ms
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: 2018-07-25 07:35:11

End at: 2018-07-25 07:35:41

Local clock offset: -6.539 ms

Remote clock offset: -6.54 ms

Below is generated by plot.py at 2018-07-25 11:05:10

Datalink statistics

-- Total of 3 flows:

Average throughput: 64.72 Mbit/s

95th percentile per-packet one-way delay: 21.566 ms

Loss rate: 0.09%

-- Flow 1:

Average throughput: 33.97 Mbit/s

95th percentile per-packet one-way delay: 18.679 ms

Loss rate: 0.08%

-- Flow 2:

Average throughput: 32.06 Mbit/s

95th percentile per-packet one-way delay: 21.816 ms

Loss rate: 0.01%

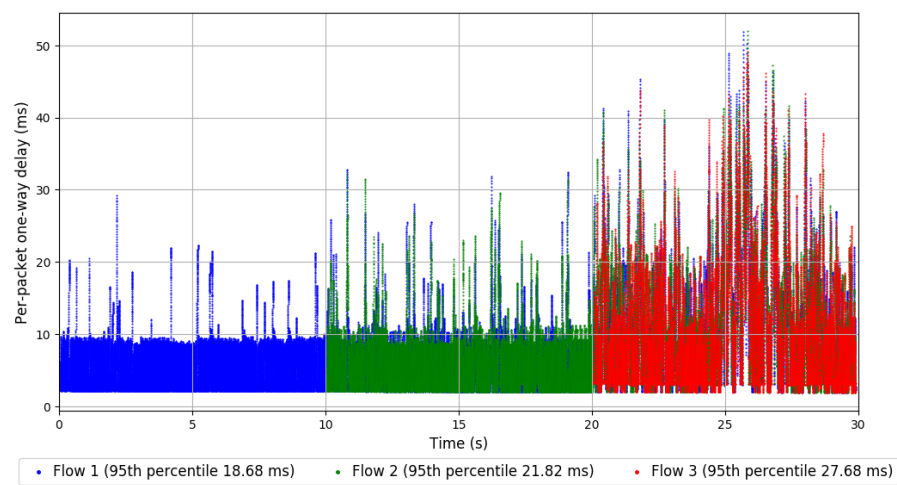
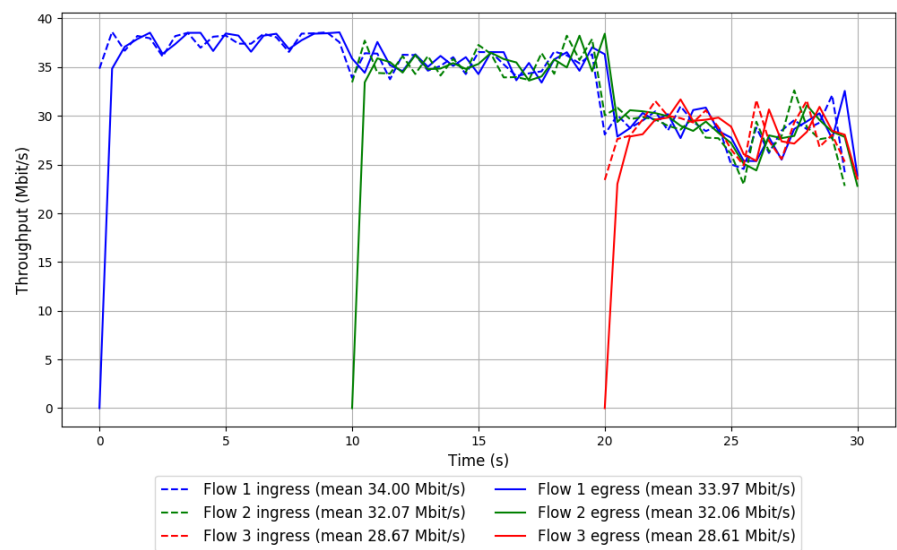
-- Flow 3:

Average throughput: 28.61 Mbit/s

95th percentile per-packet one-way delay: 27.680 ms

Loss rate: 0.32%

Run 1: Report of Sprout — Data Link

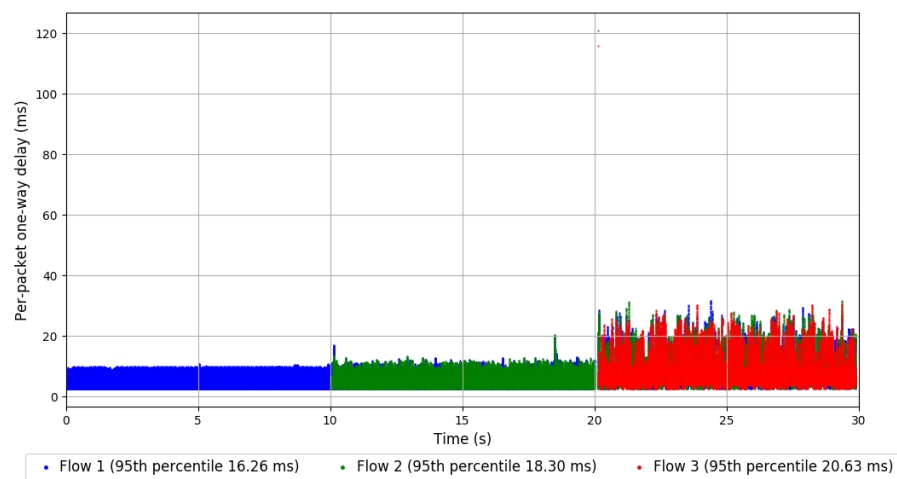
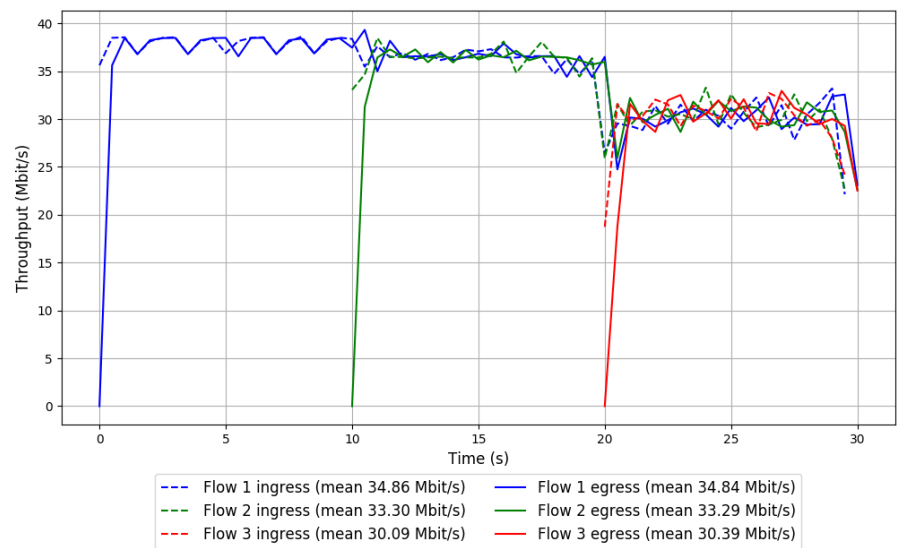


Run 2: Statistics of Sprout

Start at: 2018-07-25 07:54:20
End at: 2018-07-25 07:54:50
Local clock offset: -2.174 ms
Remote clock offset: -6.218 ms

Below is generated by plot.py at 2018-07-25 11:05:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 66.89 Mbit/s
95th percentile per-packet one-way delay: 18.087 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 34.84 Mbit/s
95th percentile per-packet one-way delay: 16.257 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 33.29 Mbit/s
95th percentile per-packet one-way delay: 18.303 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.39 Mbit/s
95th percentile per-packet one-way delay: 20.633 ms
Loss rate: 0.28%

Run 2: Report of Sprout — Data Link

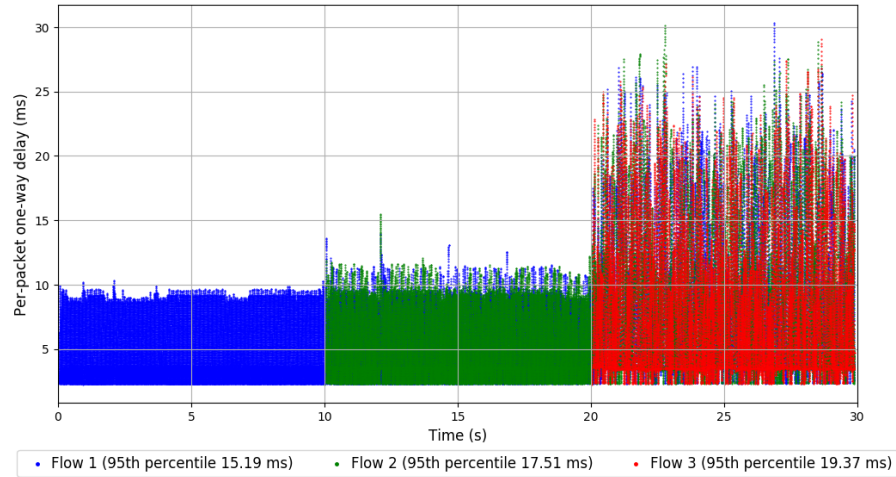
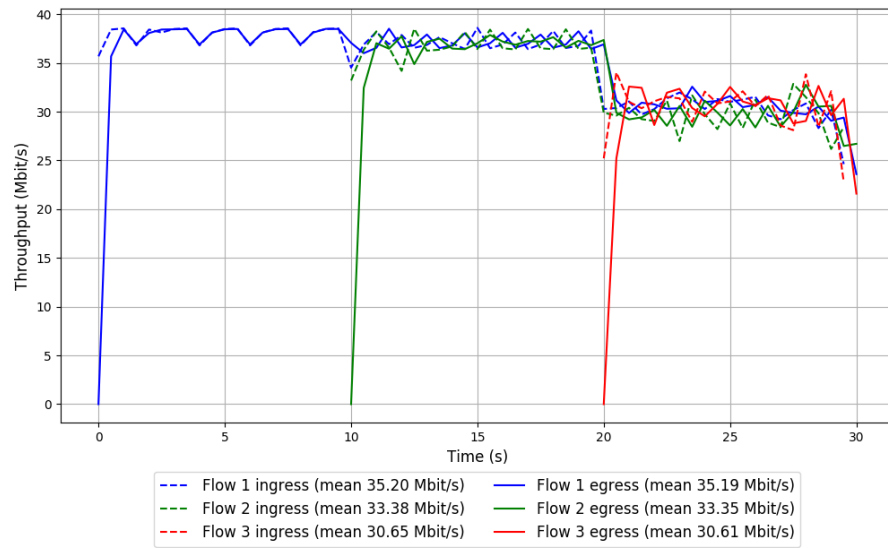


Run 3: Statistics of Sprout

Start at: 2018-07-25 08:13:31
End at: 2018-07-25 08:14:01
Local clock offset: -1.743 ms
Remote clock offset: -2.484 ms

Below is generated by plot.py at 2018-07-25 11:05:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 67.47 Mbit/s
95th percentile per-packet one-way delay: 17.113 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 35.19 Mbit/s
95th percentile per-packet one-way delay: 15.193 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 33.35 Mbit/s
95th percentile per-packet one-way delay: 17.509 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 30.61 Mbit/s
95th percentile per-packet one-way delay: 19.366 ms
Loss rate: 0.33%

Run 3: Report of Sprout — Data Link

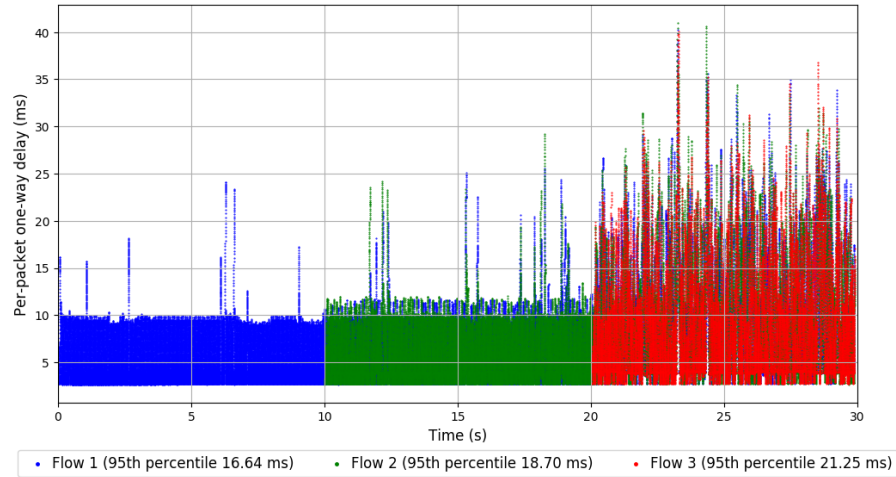
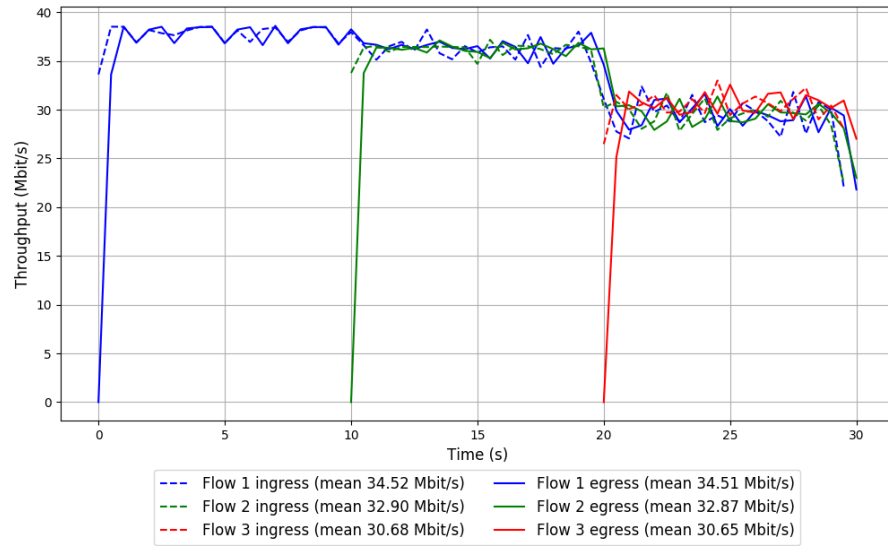


Run 4: Statistics of Sprout

Start at: 2018-07-25 08:32:41
End at: 2018-07-25 08:33:11
Local clock offset: -2.053 ms
Remote clock offset: -3.892 ms

```
# Below is generated by plot.py at 2018-07-25 11:05:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 66.47 Mbit/s
95th percentile per-packet one-way delay: 18.433 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 34.51 Mbit/s
95th percentile per-packet one-way delay: 16.638 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 32.87 Mbit/s
95th percentile per-packet one-way delay: 18.698 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 30.65 Mbit/s
95th percentile per-packet one-way delay: 21.246 ms
Loss rate: 0.18%
```

Run 4: Report of Sprout — Data Link

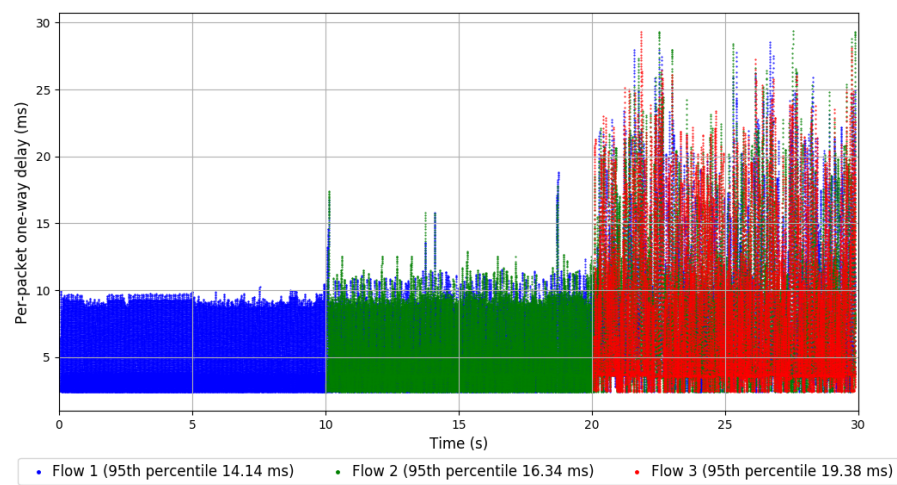
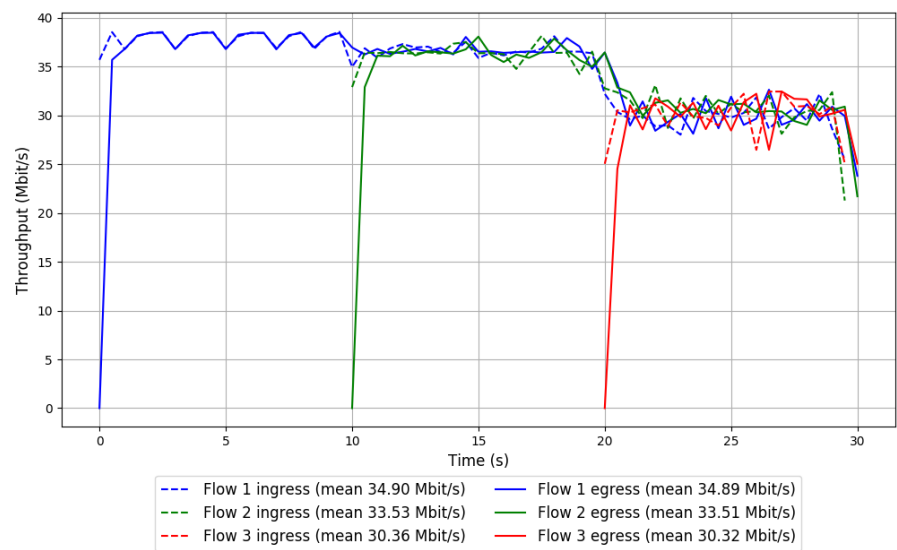


Run 5: Statistics of Sprout

Start at: 2018-07-25 08:51:51
End at: 2018-07-25 08:52:21
Local clock offset: -7.266 ms
Remote clock offset: -6.817 ms

Below is generated by plot.py at 2018-07-25 11:05:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 67.17 Mbit/s
95th percentile per-packet one-way delay: 16.495 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 34.89 Mbit/s
95th percentile per-packet one-way delay: 14.141 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 33.51 Mbit/s
95th percentile per-packet one-way delay: 16.342 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 30.32 Mbit/s
95th percentile per-packet one-way delay: 19.376 ms
Loss rate: 0.23%

Run 5: Report of Sprout — Data Link

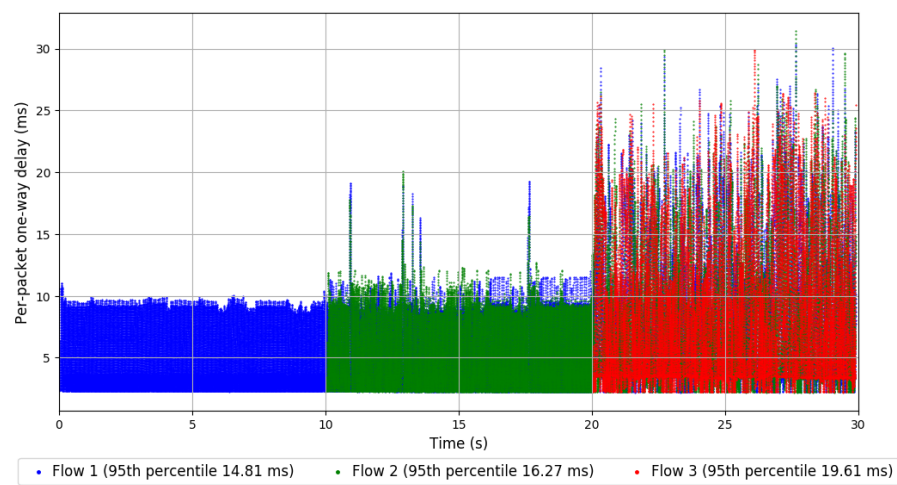
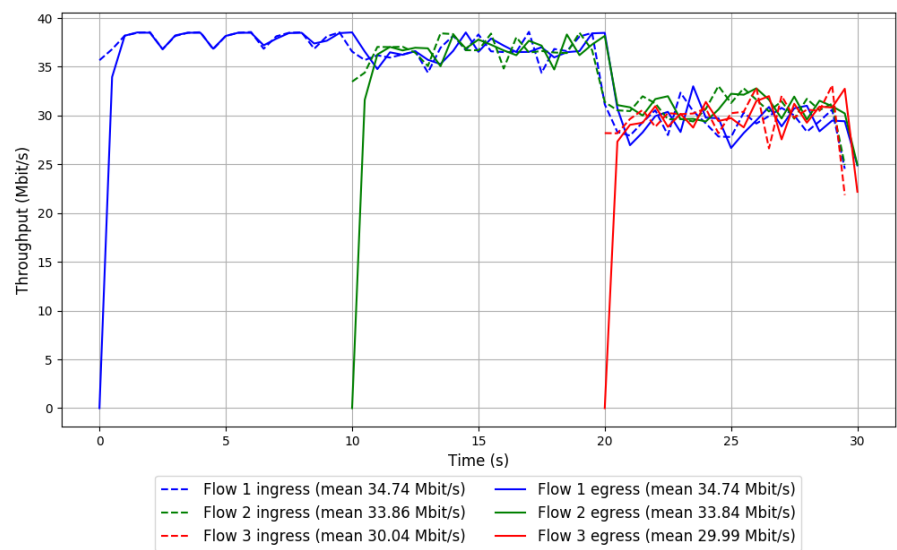


Run 6: Statistics of Sprout

Start at: 2018-07-25 09:11:02
End at: 2018-07-25 09:11:32
Local clock offset: -4.161 ms
Remote clock offset: -7.081 ms

Below is generated by plot.py at 2018-07-25 11:05:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 67.14 Mbit/s
95th percentile per-packet one-way delay: 16.737 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 34.74 Mbit/s
95th percentile per-packet one-way delay: 14.809 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 33.84 Mbit/s
95th percentile per-packet one-way delay: 16.271 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 29.99 Mbit/s
95th percentile per-packet one-way delay: 19.609 ms
Loss rate: 0.17%

Run 6: Report of Sprout — Data Link

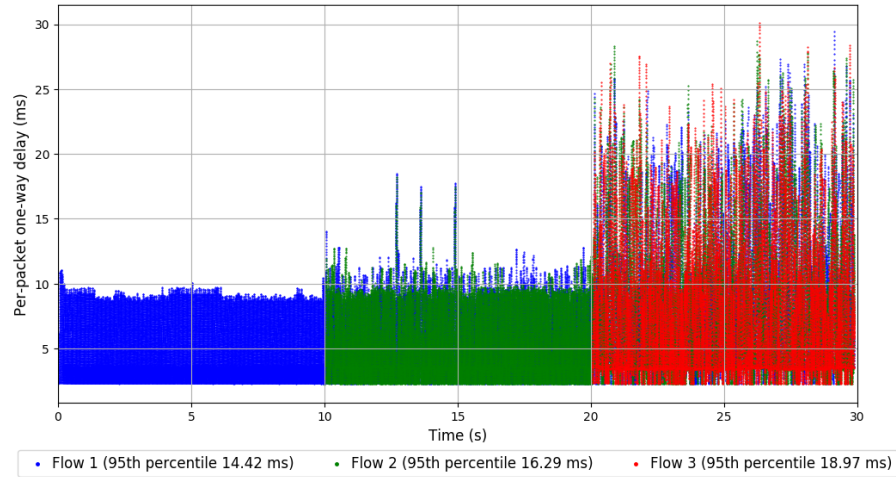
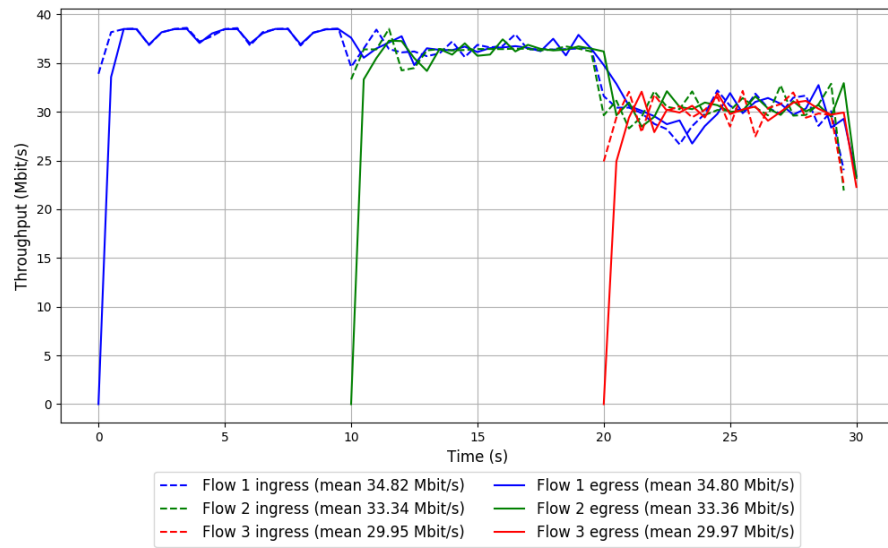


Run 7: Statistics of Sprout

Start at: 2018-07-25 09:30:12
End at: 2018-07-25 09:30:42
Local clock offset: -1.943 ms
Remote clock offset: -6.968 ms

Below is generated by plot.py at 2018-07-25 11:05:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 66.85 Mbit/s
95th percentile per-packet one-way delay: 16.398 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 34.80 Mbit/s
95th percentile per-packet one-way delay: 14.424 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 33.36 Mbit/s
95th percentile per-packet one-way delay: 16.289 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 29.97 Mbit/s
95th percentile per-packet one-way delay: 18.968 ms
Loss rate: 0.06%

Run 7: Report of Sprout — Data Link

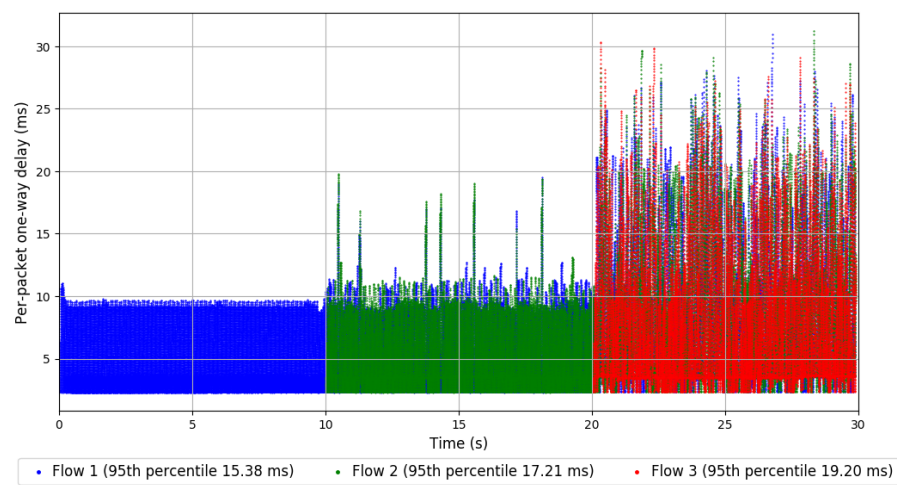
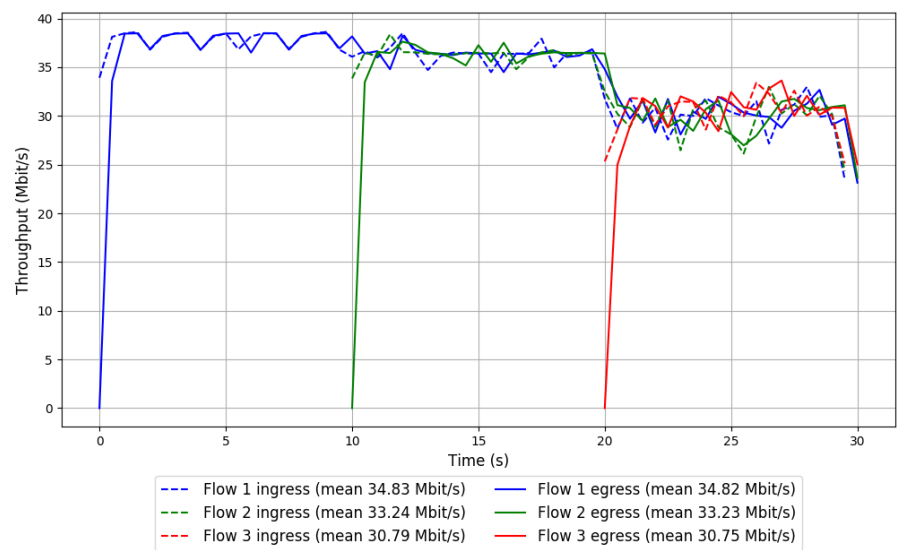


Run 8: Statistics of Sprout

Start at: 2018-07-25 09:49:22
End at: 2018-07-25 09:49:52
Local clock offset: -2.291 ms
Remote clock offset: -3.665 ms

Below is generated by plot.py at 2018-07-25 11:05:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 67.07 Mbit/s
95th percentile per-packet one-way delay: 17.037 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 34.82 Mbit/s
95th percentile per-packet one-way delay: 15.380 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 33.23 Mbit/s
95th percentile per-packet one-way delay: 17.215 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 30.75 Mbit/s
95th percentile per-packet one-way delay: 19.201 ms
Loss rate: 0.02%

Run 8: Report of Sprout — Data Link

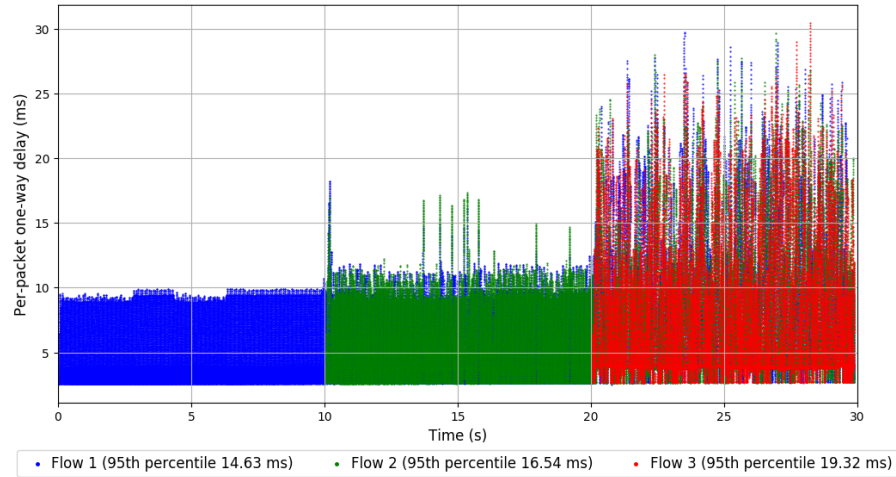
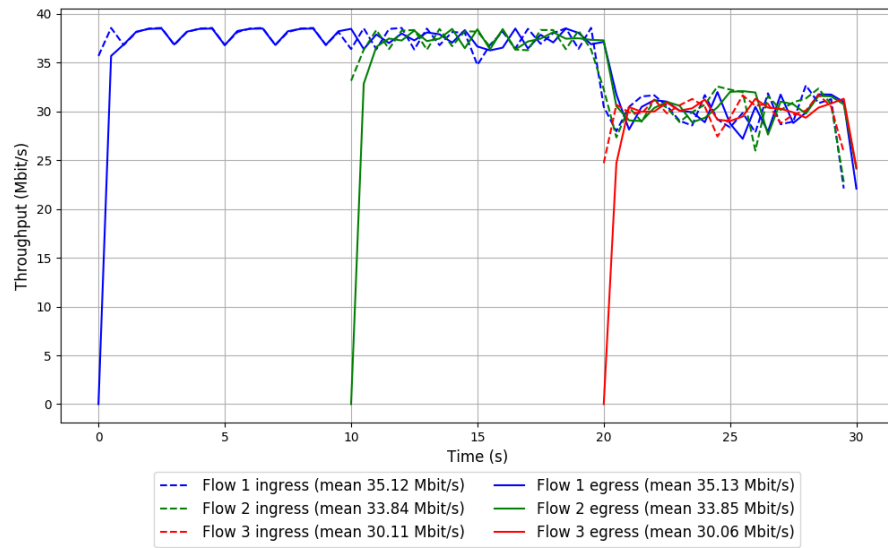


Run 9: Statistics of Sprout

Start at: 2018-07-25 10:08:34
End at: 2018-07-25 10:09:04
Local clock offset: -4.907 ms
Remote clock offset: -2.199 ms

Below is generated by plot.py at 2018-07-25 11:05:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 67.55 Mbit/s
95th percentile per-packet one-way delay: 16.656 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 35.13 Mbit/s
95th percentile per-packet one-way delay: 14.628 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 33.85 Mbit/s
95th percentile per-packet one-way delay: 16.542 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 30.06 Mbit/s
95th percentile per-packet one-way delay: 19.318 ms
Loss rate: 0.28%

Run 9: Report of Sprout — Data Link

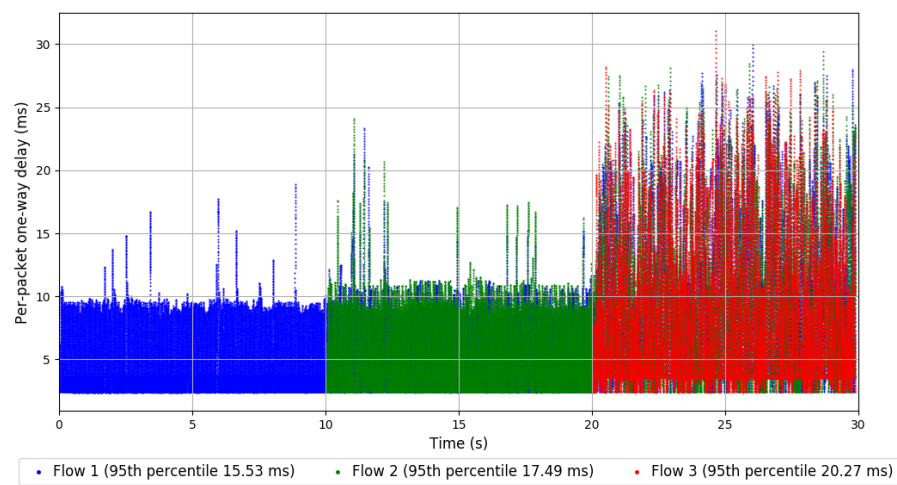
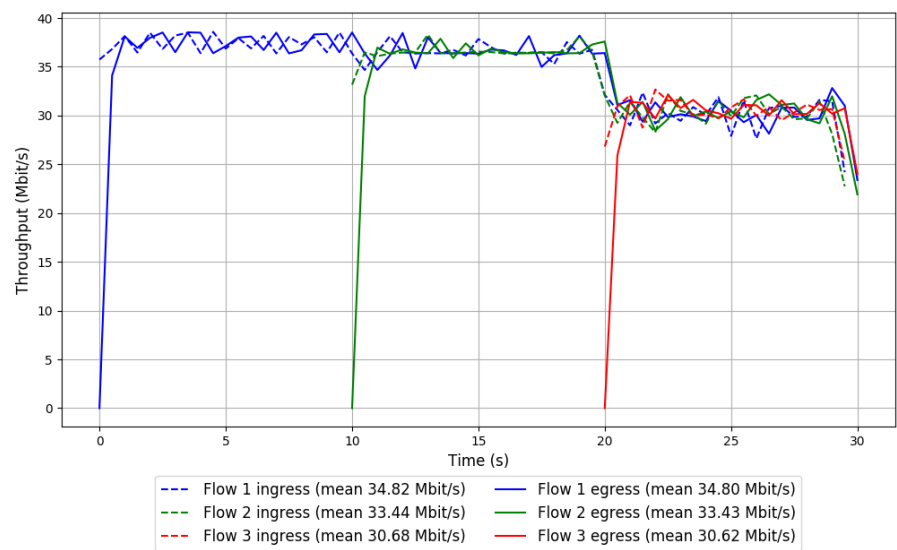


Run 10: Statistics of Sprout

Start at: 2018-07-25 10:27:44
End at: 2018-07-25 10:28:14
Local clock offset: -7.621 ms
Remote clock offset: -2.684 ms

Below is generated by plot.py at 2018-07-25 11:05:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 67.13 Mbit/s
95th percentile per-packet one-way delay: 17.579 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 34.80 Mbit/s
95th percentile per-packet one-way delay: 15.534 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 33.43 Mbit/s
95th percentile per-packet one-way delay: 17.489 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 30.62 Mbit/s
95th percentile per-packet one-way delay: 20.275 ms
Loss rate: 0.26%

Run 10: Report of Sprout — Data Link

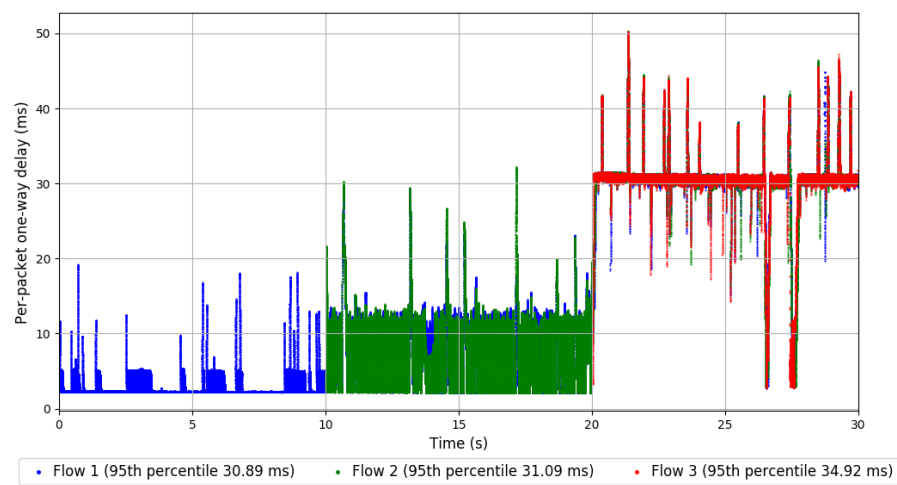
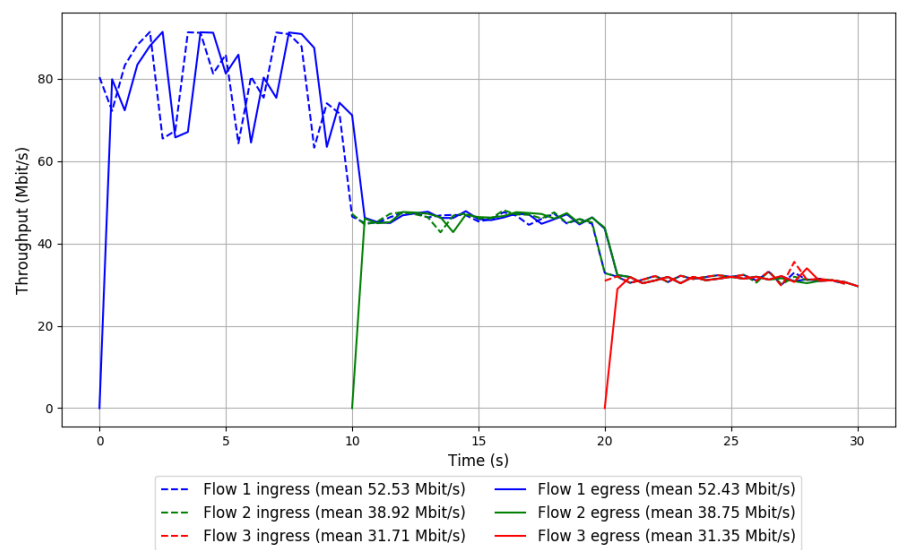


Run 1: Statistics of TaoVA-100x

Start at: 2018-07-25 07:41:55
End at: 2018-07-25 07:42:25
Local clock offset: -4.062 ms
Remote clock offset: -6.471 ms

Below is generated by plot.py at 2018-07-25 11:06:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.65 Mbit/s
95th percentile per-packet one-way delay: 31.050 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 52.43 Mbit/s
95th percentile per-packet one-way delay: 30.895 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 38.75 Mbit/s
95th percentile per-packet one-way delay: 31.088 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 31.35 Mbit/s
95th percentile per-packet one-way delay: 34.920 ms
Loss rate: 1.32%

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

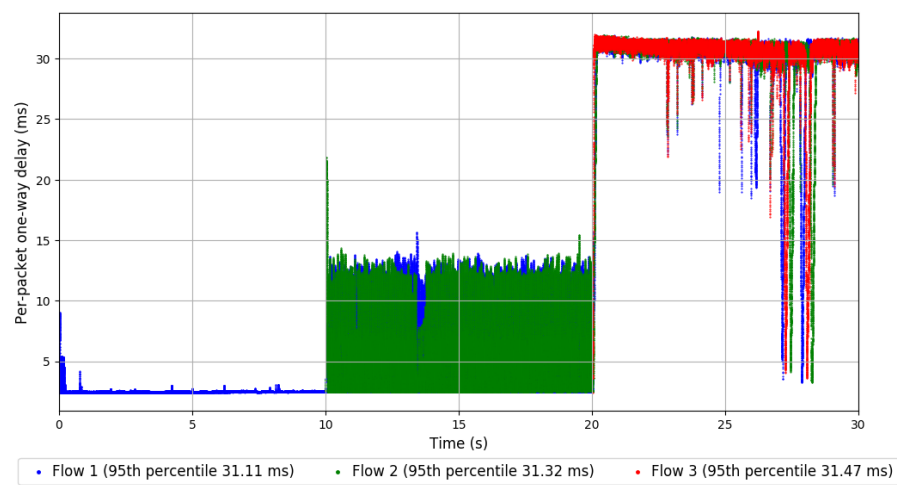
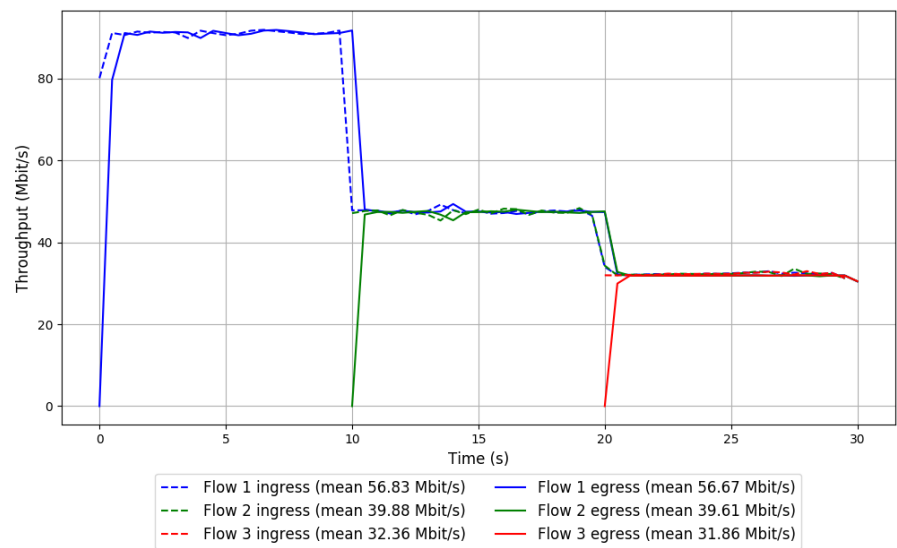


Run 2: Statistics of TaoVA-100x

Start at: 2018-07-25 08:01:05
End at: 2018-07-25 08:01:35
Local clock offset: -1.73 ms
Remote clock offset: -4.233 ms

Below is generated by plot.py at 2018-07-25 11:07:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.64 Mbit/s
95th percentile per-packet one-way delay: 31.284 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 56.67 Mbit/s
95th percentile per-packet one-way delay: 31.113 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 39.61 Mbit/s
95th percentile per-packet one-way delay: 31.325 ms
Loss rate: 0.69%
-- Flow 3:
Average throughput: 31.86 Mbit/s
95th percentile per-packet one-way delay: 31.470 ms
Loss rate: 1.72%

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

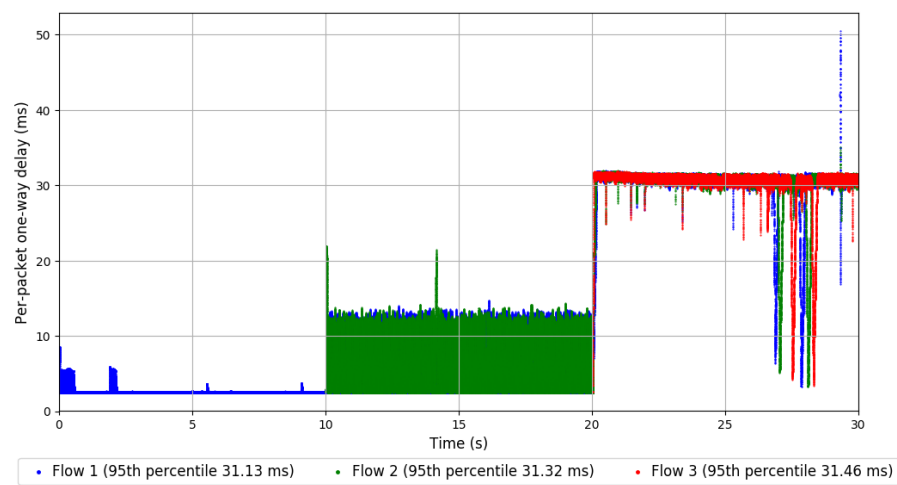
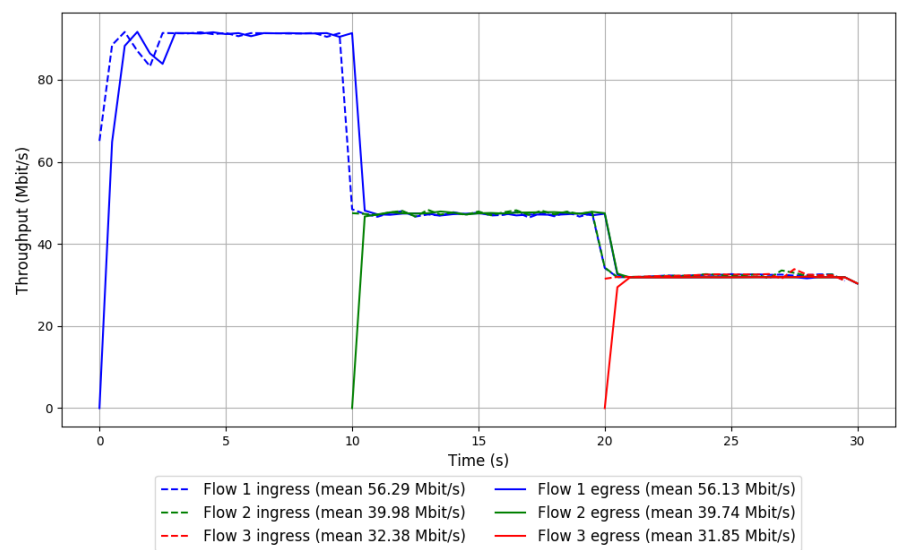


Run 3: Statistics of TaoVA-100x

Start at: 2018-07-25 08:20:15
End at: 2018-07-25 08:20:45
Local clock offset: -1.565 ms
Remote clock offset: -2.125 ms

Below is generated by plot.py at 2018-07-25 11:07:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.18 Mbit/s
95th percentile per-packet one-way delay: 31.279 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 56.13 Mbit/s
95th percentile per-packet one-way delay: 31.128 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 39.74 Mbit/s
95th percentile per-packet one-way delay: 31.319 ms
Loss rate: 0.70%
-- Flow 3:
Average throughput: 31.85 Mbit/s
95th percentile per-packet one-way delay: 31.460 ms
Loss rate: 1.83%

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

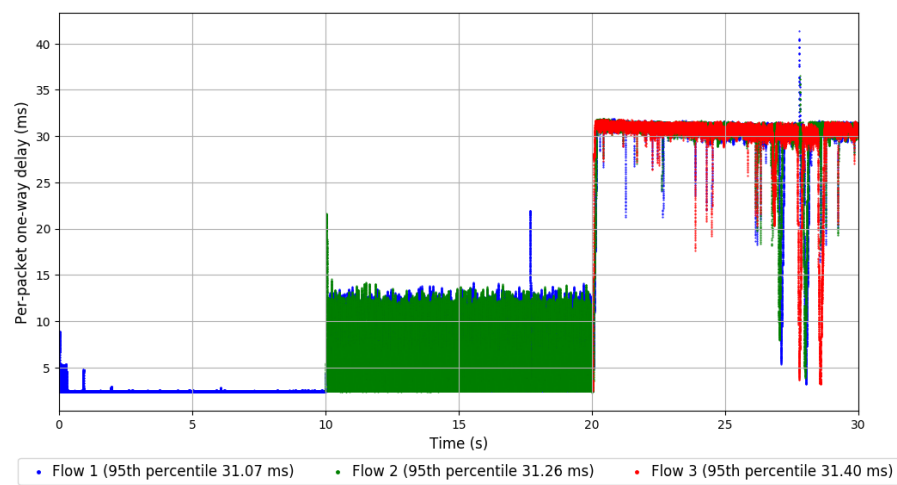
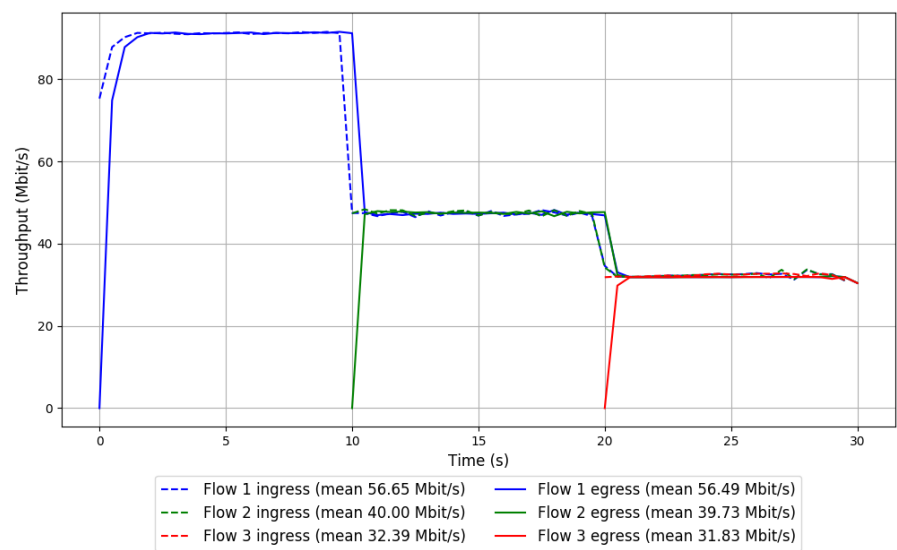


Run 4: Statistics of TaoVA-100x

Start at: 2018-07-25 08:39:25
End at: 2018-07-25 08:39:55
Local clock offset: -4.969 ms
Remote clock offset: -5.478 ms

Below is generated by plot.py at 2018-07-25 11:07:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.53 Mbit/s
95th percentile per-packet one-way delay: 31.219 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 56.49 Mbit/s
95th percentile per-packet one-way delay: 31.074 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 39.73 Mbit/s
95th percentile per-packet one-way delay: 31.257 ms
Loss rate: 0.70%
-- Flow 3:
Average throughput: 31.83 Mbit/s
95th percentile per-packet one-way delay: 31.397 ms
Loss rate: 1.92%

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

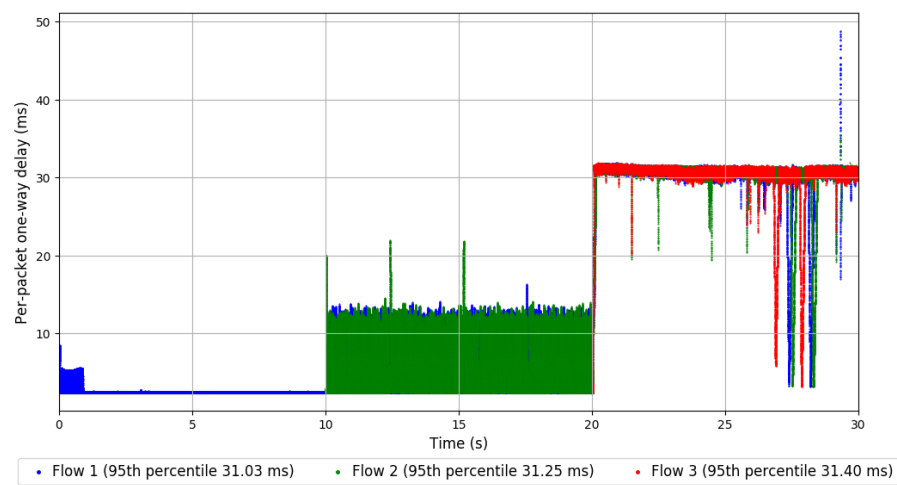
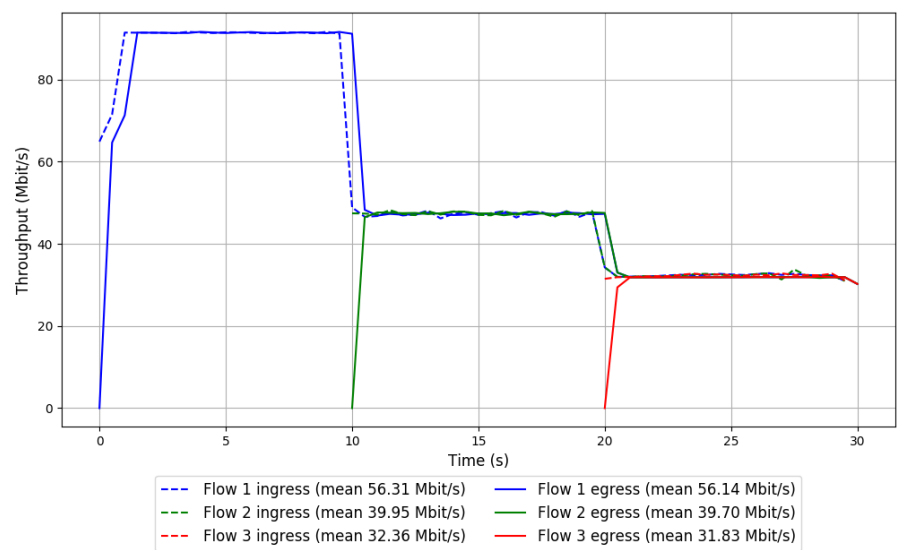


Run 5: Statistics of TaoVA-100x

Start at: 2018-07-25 08:58:36
End at: 2018-07-25 08:59:06
Local clock offset: -7.838 ms
Remote clock offset: -7.136 ms

Below is generated by plot.py at 2018-07-25 11:07:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.15 Mbit/s
95th percentile per-packet one-way delay: 31.206 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 56.14 Mbit/s
95th percentile per-packet one-way delay: 31.030 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 39.70 Mbit/s
95th percentile per-packet one-way delay: 31.253 ms
Loss rate: 0.72%
-- Flow 3:
Average throughput: 31.83 Mbit/s
95th percentile per-packet one-way delay: 31.403 ms
Loss rate: 1.81%

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

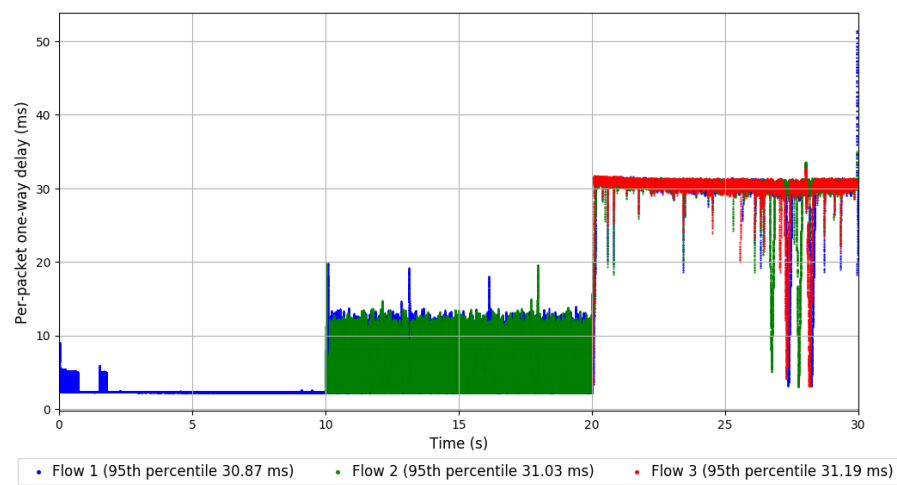
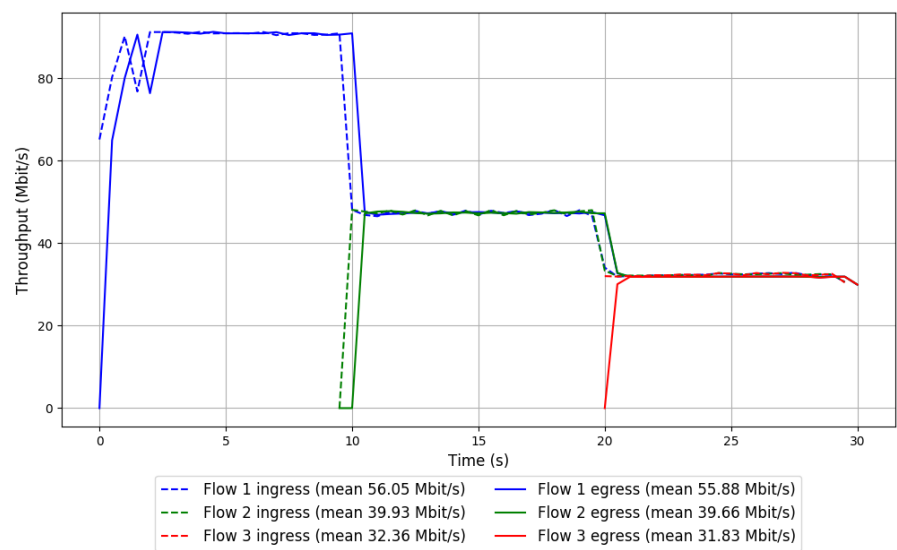


Run 6: Statistics of TaoVA-100x

Start at: 2018-07-25 09:17:46
End at: 2018-07-25 09:18:16
Local clock offset: -3.01 ms
Remote clock offset: -7.026 ms

Below is generated by plot.py at 2018-07-25 11:07:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.88 Mbit/s
95th percentile per-packet one-way delay: 31.010 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 55.88 Mbit/s
95th percentile per-packet one-way delay: 30.866 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 39.66 Mbit/s
95th percentile per-packet one-way delay: 31.033 ms
Loss rate: 0.72%
-- Flow 3:
Average throughput: 31.83 Mbit/s
95th percentile per-packet one-way delay: 31.194 ms
Loss rate: 1.85%

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

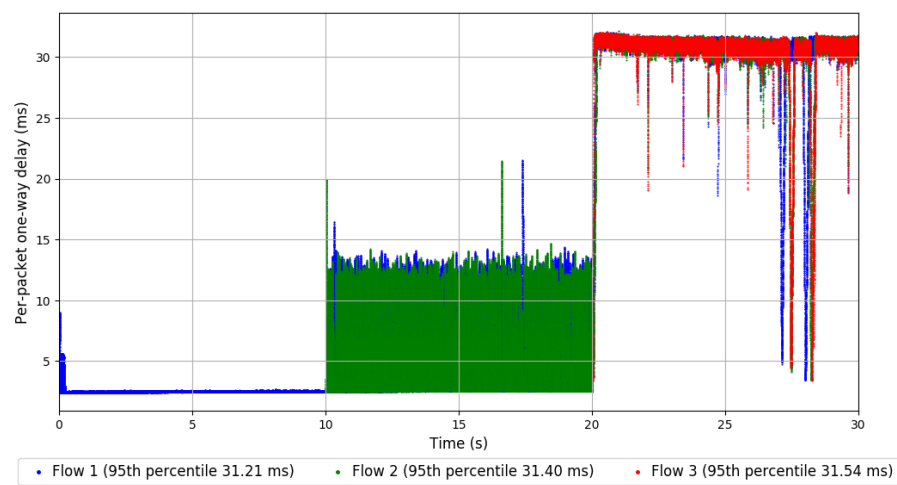
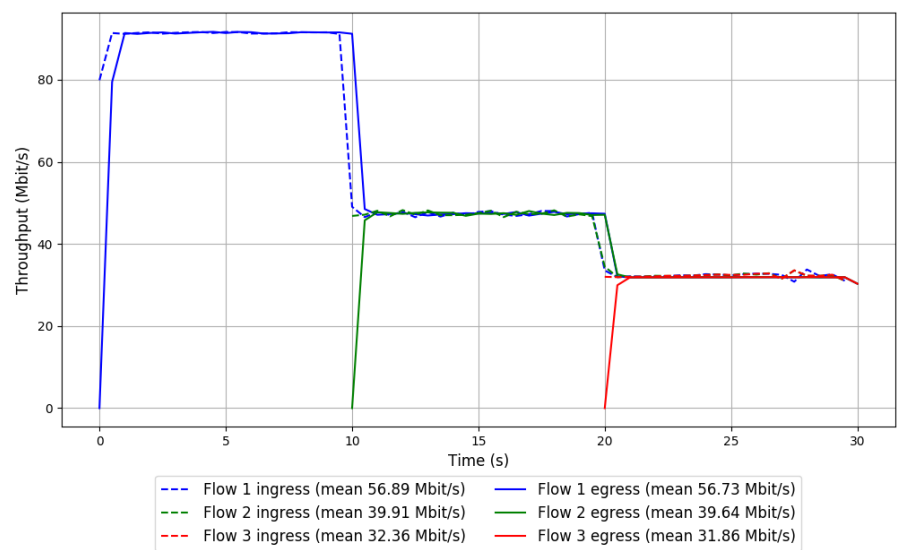


Run 7: Statistics of TaoVA-100x

Start at: 2018-07-25 09:36:56
End at: 2018-07-25 09:37:26
Local clock offset: -2.221 ms
Remote clock offset: -6.766 ms

Below is generated by plot.py at 2018-07-25 11:07:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.71 Mbit/s
95th percentile per-packet one-way delay: 31.366 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 56.73 Mbit/s
95th percentile per-packet one-way delay: 31.208 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 39.64 Mbit/s
95th percentile per-packet one-way delay: 31.399 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 31.86 Mbit/s
95th percentile per-packet one-way delay: 31.541 ms
Loss rate: 1.73%

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

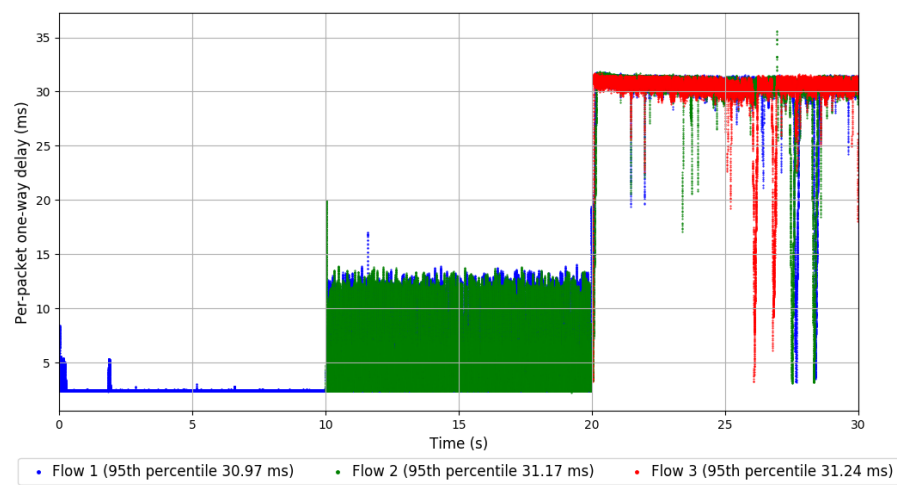
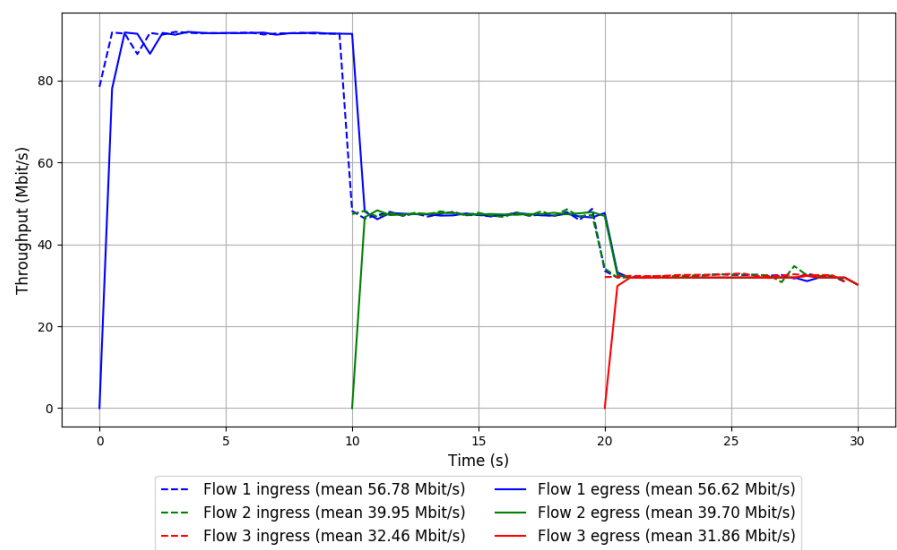


Run 8: Statistics of TaoVA-100x

Start at: 2018-07-25 09:56:08
End at: 2018-07-25 09:56:38
Local clock offset: -2.225 ms
Remote clock offset: -3.024 ms

Below is generated by plot.py at 2018-07-25 11:08:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.65 Mbit/s
95th percentile per-packet one-way delay: 31.102 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 56.62 Mbit/s
95th percentile per-packet one-way delay: 30.973 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 39.70 Mbit/s
95th percentile per-packet one-way delay: 31.168 ms
Loss rate: 0.72%
-- Flow 3:
Average throughput: 31.86 Mbit/s
95th percentile per-packet one-way delay: 31.244 ms
Loss rate: 2.02%

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

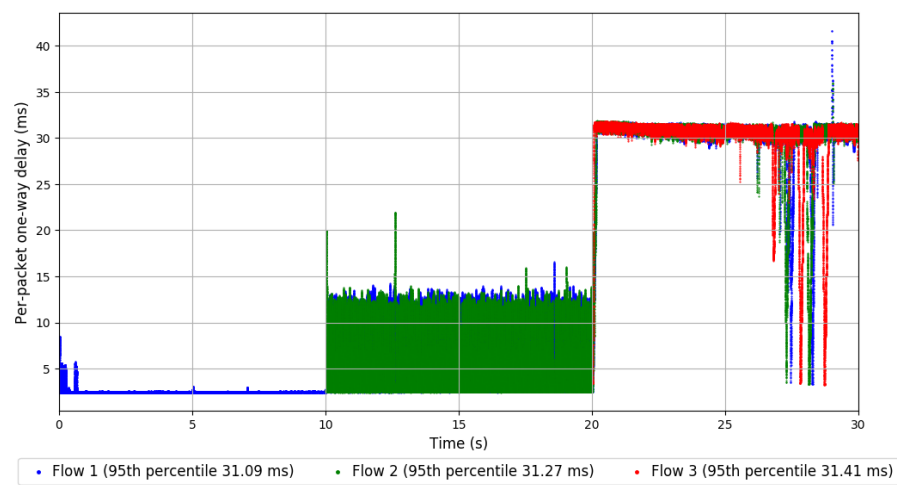
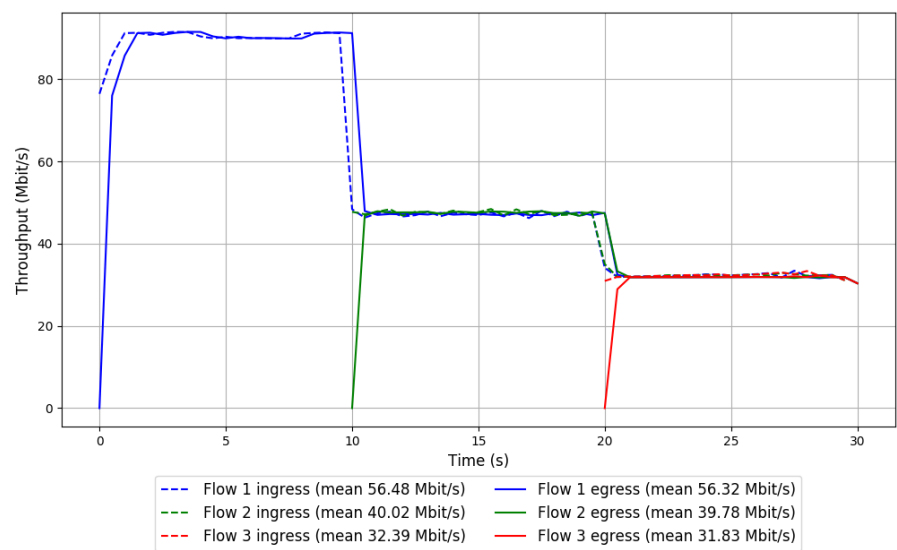


Run 9: Statistics of TaoVA-100x

Start at: 2018-07-25 10:15:18
End at: 2018-07-25 10:15:48
Local clock offset: -6.37 ms
Remote clock offset: -2.533 ms

Below is generated by plot.py at 2018-07-25 11:09:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.39 Mbit/s
95th percentile per-packet one-way delay: 31.239 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 56.32 Mbit/s
95th percentile per-packet one-way delay: 31.090 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 39.78 Mbit/s
95th percentile per-packet one-way delay: 31.267 ms
Loss rate: 0.69%
-- Flow 3:
Average throughput: 31.83 Mbit/s
95th percentile per-packet one-way delay: 31.413 ms
Loss rate: 1.81%

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

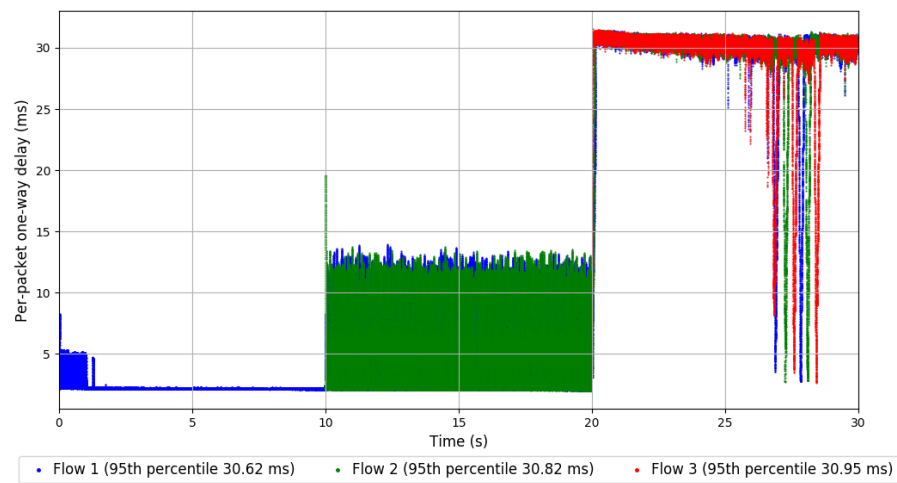
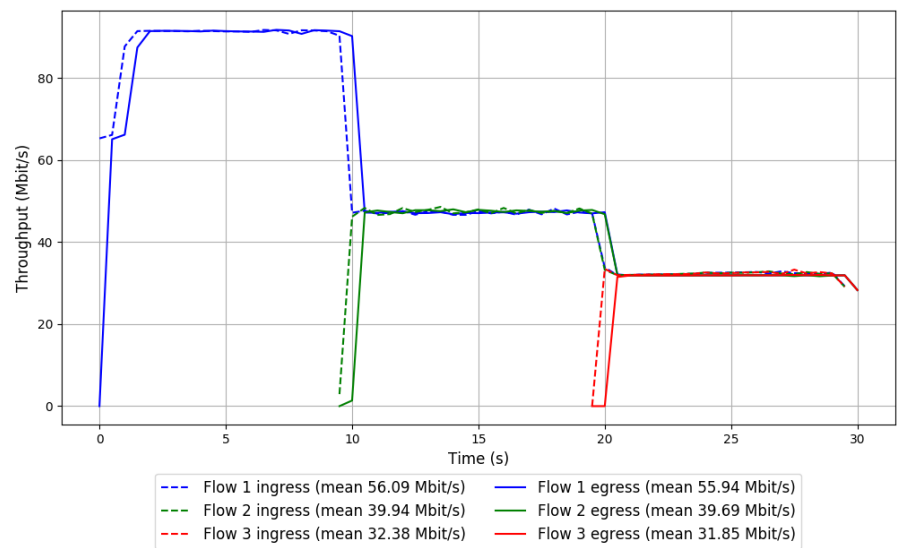


Run 10: Statistics of TaoVA-100x

Start at: 2018-07-25 10:34:28
End at: 2018-07-25 10:34:58
Local clock offset: -6.046 ms
Remote clock offset: -2.668 ms

Below is generated by plot.py at 2018-07-25 11:09:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.00 Mbit/s
95th percentile per-packet one-way delay: 30.780 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 55.94 Mbit/s
95th percentile per-packet one-way delay: 30.621 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 39.69 Mbit/s
95th percentile per-packet one-way delay: 30.820 ms
Loss rate: 0.70%
-- Flow 3:
Average throughput: 31.85 Mbit/s
95th percentile per-packet one-way delay: 30.950 ms
Loss rate: 1.82%

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

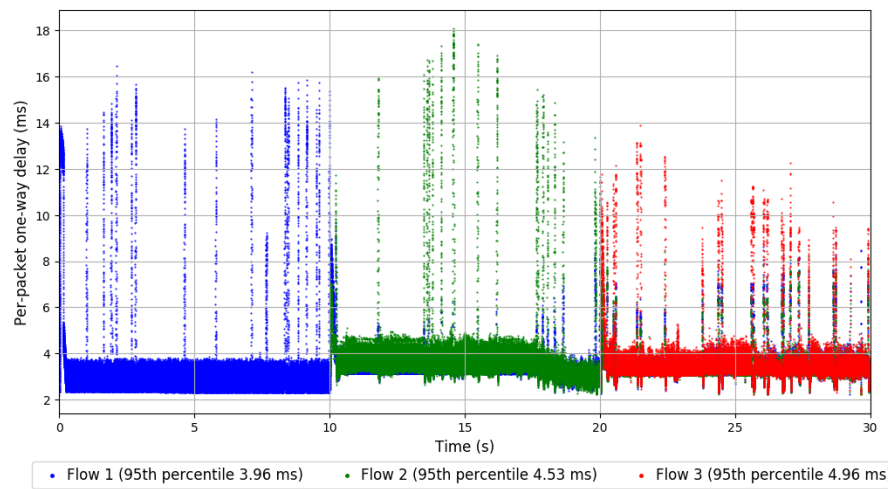
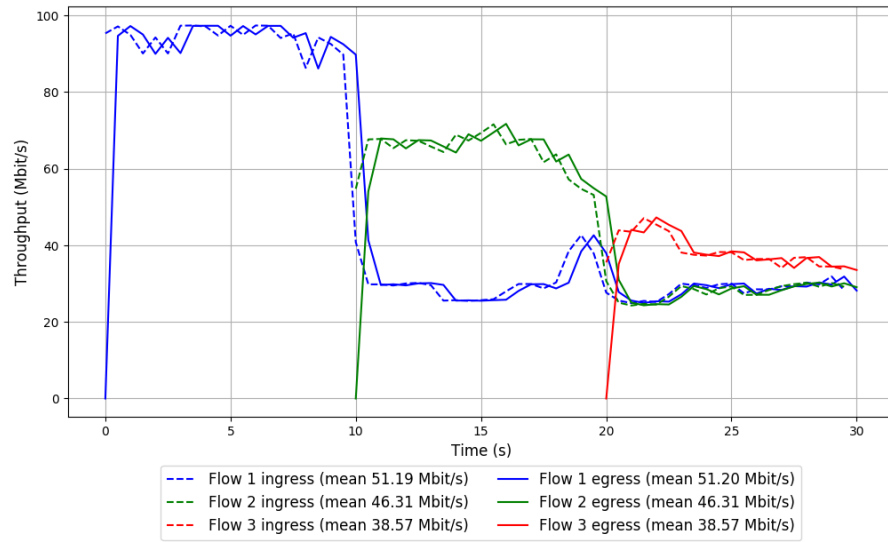


Run 1: Statistics of TCP Vegas

Start at: 2018-07-25 07:40:47
End at: 2018-07-25 07:41:17
Local clock offset: -4.351 ms
Remote clock offset: -6.567 ms

Below is generated by plot.py at 2018-07-25 11:09:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.84 Mbit/s
95th percentile per-packet one-way delay: 4.416 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 51.20 Mbit/s
95th percentile per-packet one-way delay: 3.965 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 46.31 Mbit/s
95th percentile per-packet one-way delay: 4.532 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 38.57 Mbit/s
95th percentile per-packet one-way delay: 4.961 ms
Loss rate: 0.05%

Run 1: Report of TCP Vegas — Data Link

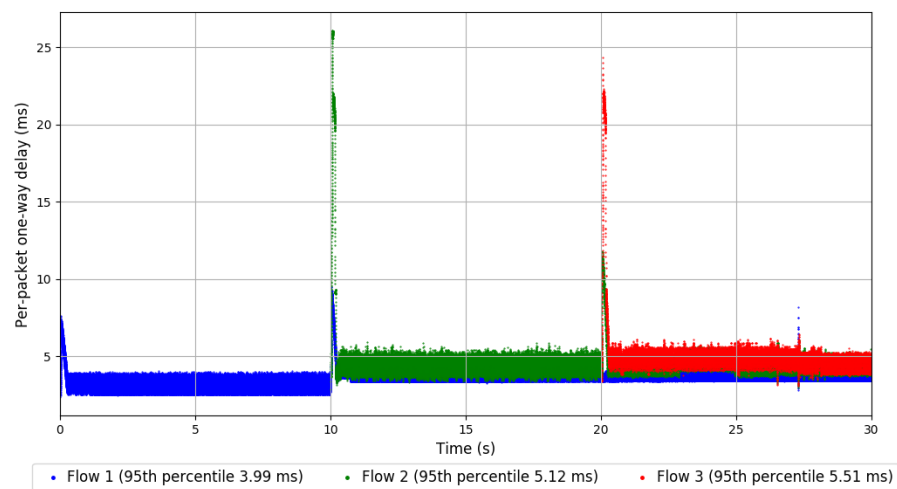
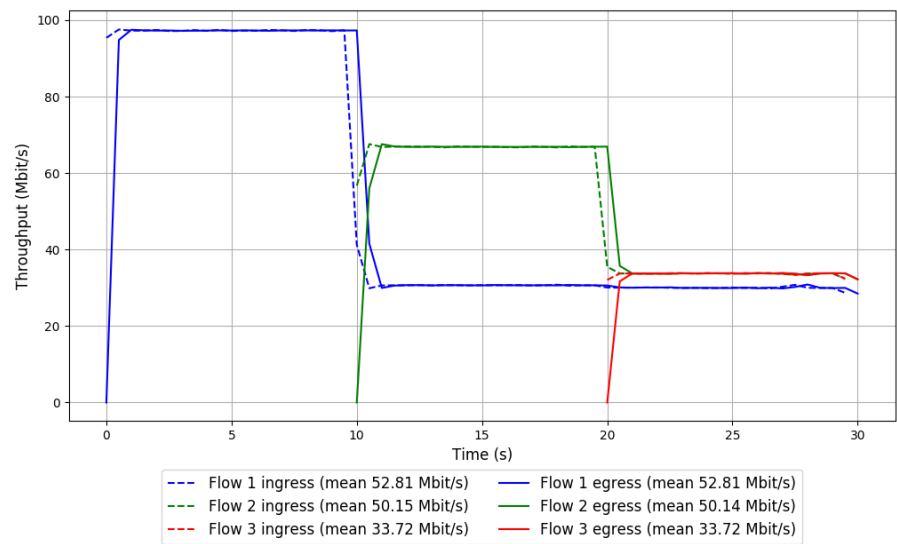


Run 2: Statistics of TCP Vegas

Start at: 2018-07-25 07:59:57
End at: 2018-07-25 08:00:27
Local clock offset: -1.797 ms
Remote clock offset: -4.512 ms

Below is generated by plot.py at 2018-07-25 11:09:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.41 Mbit/s
95th percentile per-packet one-way delay: 5.119 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 52.81 Mbit/s
95th percentile per-packet one-way delay: 3.988 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 50.14 Mbit/s
95th percentile per-packet one-way delay: 5.124 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 33.72 Mbit/s
95th percentile per-packet one-way delay: 5.507 ms
Loss rate: 0.08%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2018-07-25 08:19:07

End at: 2018-07-25 08:19:37

Local clock offset: -1.651 ms

Remote clock offset: -2.05 ms

Below is generated by plot.py at 2018-07-25 11:09:17

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.49 Mbit/s

95th percentile per-packet one-way delay: 5.000 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 54.91 Mbit/s

95th percentile per-packet one-way delay: 3.822 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 46.82 Mbit/s

95th percentile per-packet one-way delay: 4.956 ms

Loss rate: 0.03%

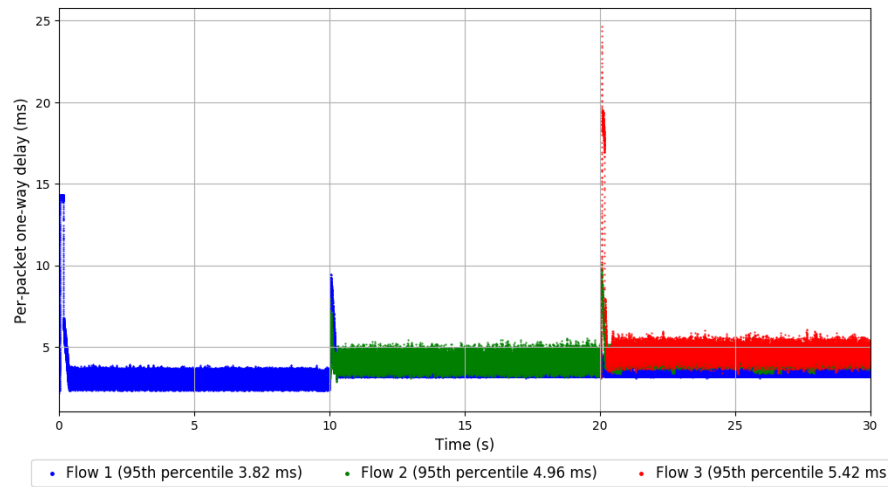
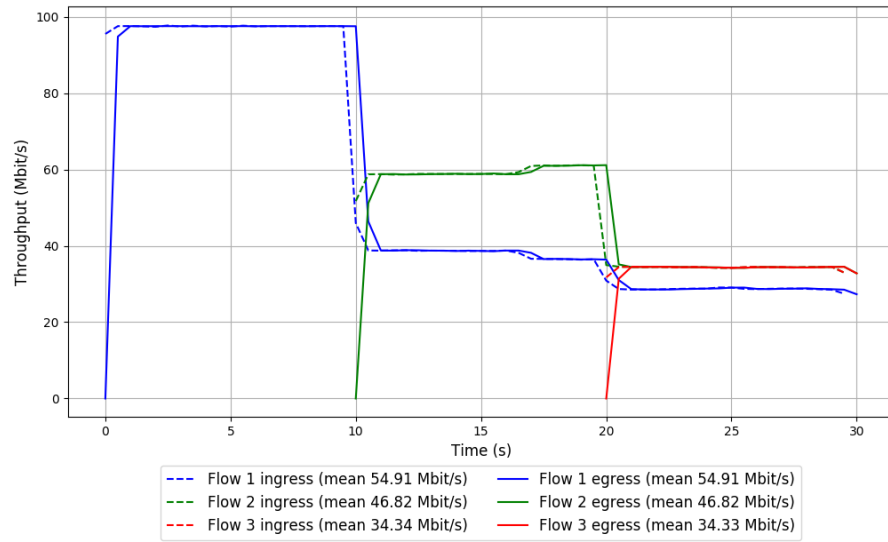
-- Flow 3:

Average throughput: 34.33 Mbit/s

95th percentile per-packet one-way delay: 5.420 ms

Loss rate: 0.07%

Run 3: Report of TCP Vegas — Data Link

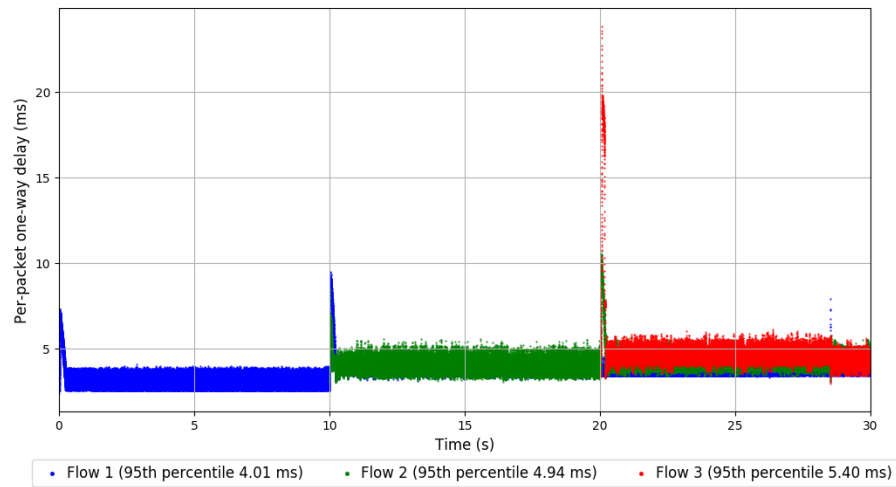
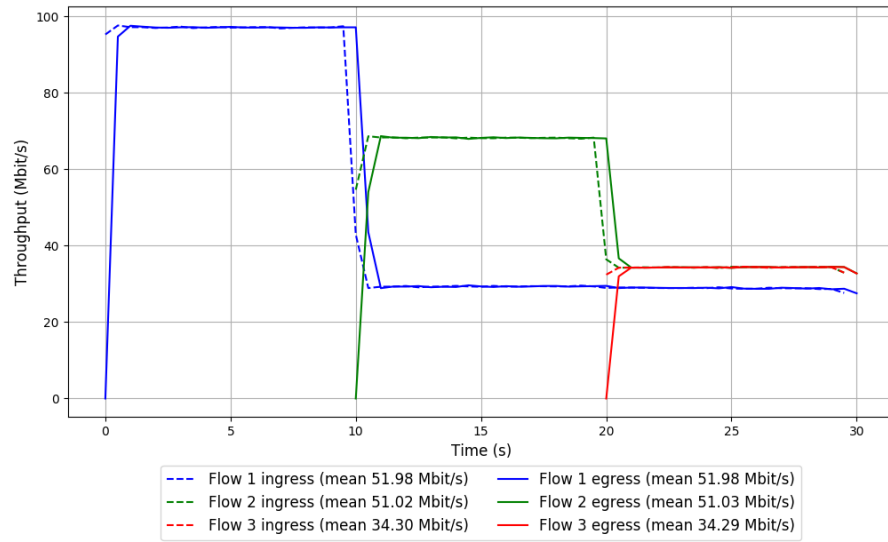


Run 4: Statistics of TCP Vegas

Start at: 2018-07-25 08:38:17
End at: 2018-07-25 08:38:47
Local clock offset: -4.561 ms
Remote clock offset: -5.323 ms

Below is generated by plot.py at 2018-07-25 11:09:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.35 Mbit/s
95th percentile per-packet one-way delay: 5.010 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 51.98 Mbit/s
95th percentile per-packet one-way delay: 4.007 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 51.03 Mbit/s
95th percentile per-packet one-way delay: 4.938 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 34.29 Mbit/s
95th percentile per-packet one-way delay: 5.404 ms
Loss rate: 0.08%

Run 4: Report of TCP Vegas — Data Link

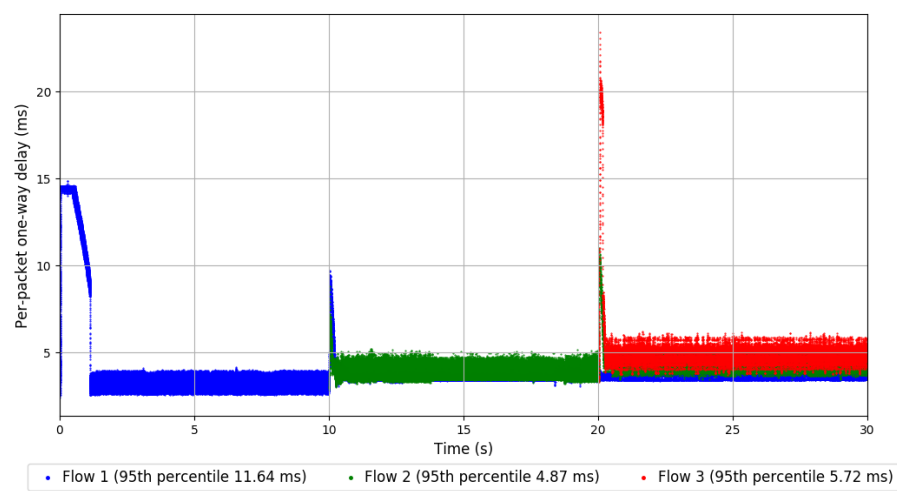
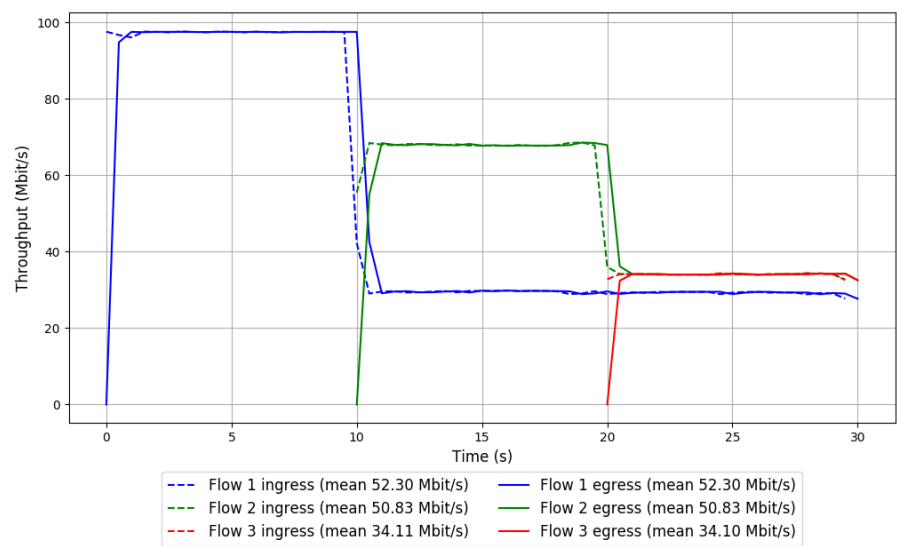


Run 5: Statistics of TCP Vegas

Start at: 2018-07-25 08:57:28
End at: 2018-07-25 08:57:58
Local clock offset: -7.724 ms
Remote clock offset: -7.162 ms

Below is generated by plot.py at 2018-07-25 11:09:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 5.537 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 52.30 Mbit/s
95th percentile per-packet one-way delay: 11.638 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 50.83 Mbit/s
95th percentile per-packet one-way delay: 4.870 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 34.10 Mbit/s
95th percentile per-packet one-way delay: 5.719 ms
Loss rate: 0.06%

Run 5: Report of TCP Vegas — Data Link

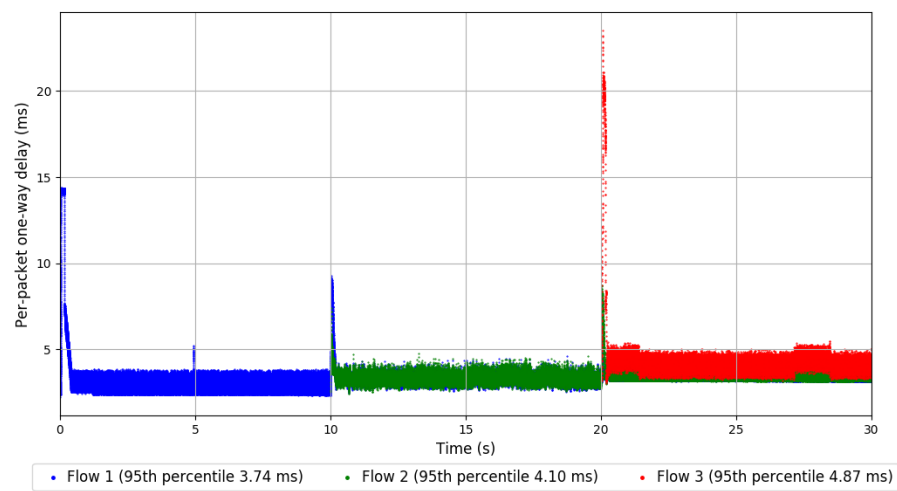
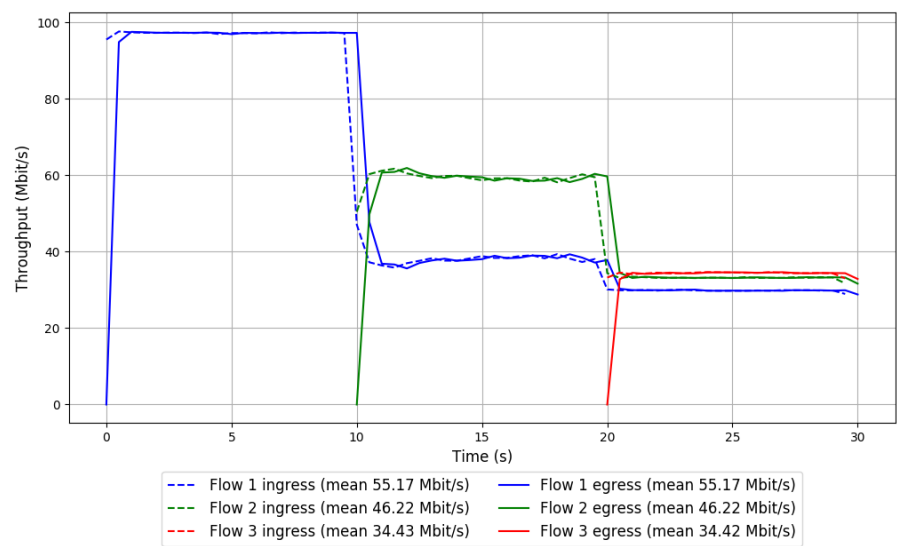


Run 6: Statistics of TCP Vegas

Start at: 2018-07-25 09:16:38
End at: 2018-07-25 09:17:08
Local clock offset: -3.105 ms
Remote clock offset: -7.025 ms

Below is generated by plot.py at 2018-07-25 11:09:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.39 Mbit/s
95th percentile per-packet one-way delay: 4.425 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 55.17 Mbit/s
95th percentile per-packet one-way delay: 3.741 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 46.22 Mbit/s
95th percentile per-packet one-way delay: 4.103 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 34.42 Mbit/s
95th percentile per-packet one-way delay: 4.870 ms
Loss rate: 0.08%

Run 6: Report of TCP Vegas — Data Link

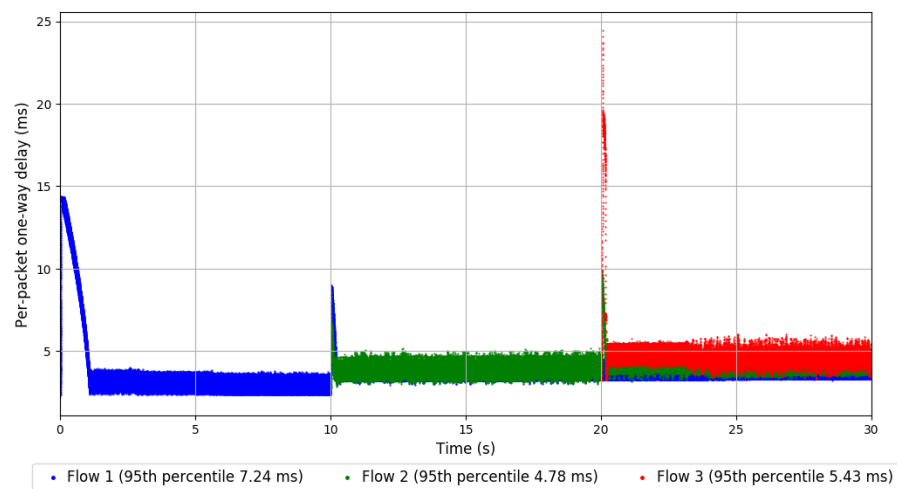
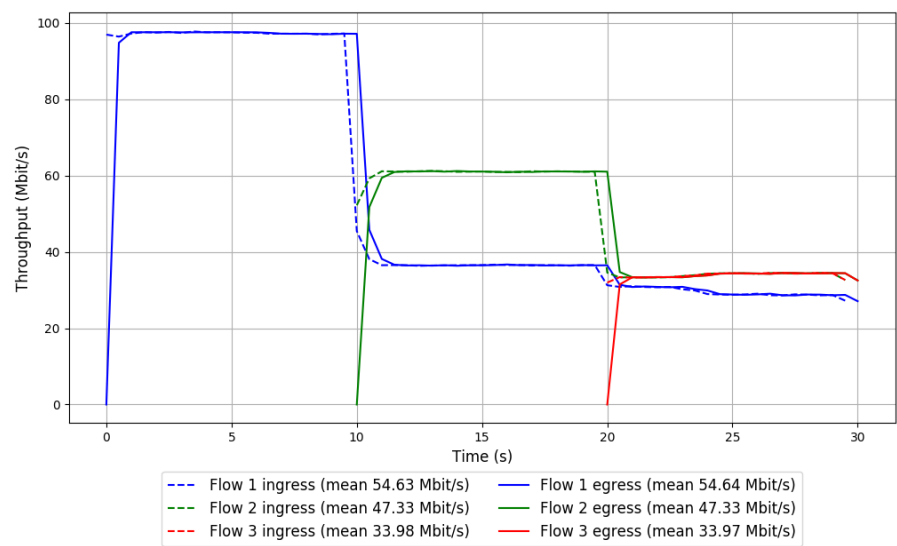


Run 7: Statistics of TCP Vegas

Start at: 2018-07-25 09:35:48
End at: 2018-07-25 09:36:18
Local clock offset: -2.166 ms
Remote clock offset: -7.039 ms

Below is generated by plot.py at 2018-07-25 11:09:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.43 Mbit/s
95th percentile per-packet one-way delay: 5.241 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 54.64 Mbit/s
95th percentile per-packet one-way delay: 7.237 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 47.33 Mbit/s
95th percentile per-packet one-way delay: 4.784 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 33.97 Mbit/s
95th percentile per-packet one-way delay: 5.427 ms
Loss rate: 0.09%

Run 7: Report of TCP Vegas — Data Link

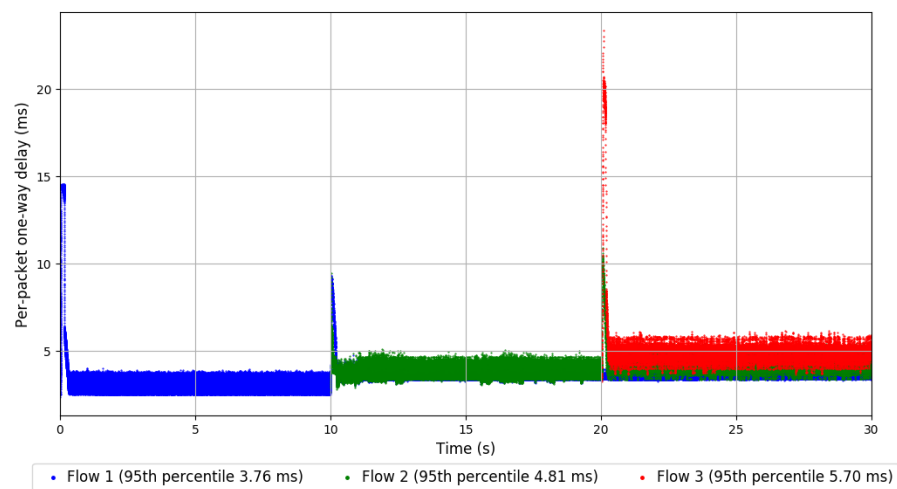
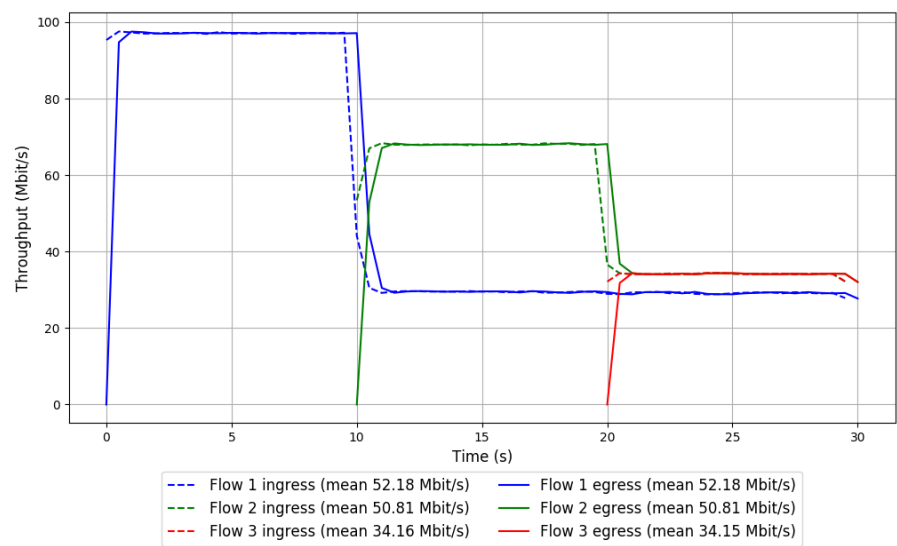


Run 8: Statistics of TCP Vegas

Start at: 2018-07-25 09:55:00
End at: 2018-07-25 09:55:30
Local clock offset: -2.156 ms
Remote clock offset: -3.199 ms

Below is generated by plot.py at 2018-07-25 11:09:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.35 Mbit/s
95th percentile per-packet one-way delay: 5.100 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 52.18 Mbit/s
95th percentile per-packet one-way delay: 3.759 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 50.81 Mbit/s
95th percentile per-packet one-way delay: 4.810 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 34.15 Mbit/s
95th percentile per-packet one-way delay: 5.696 ms
Loss rate: 0.07%

Run 8: Report of TCP Vegas — Data Link

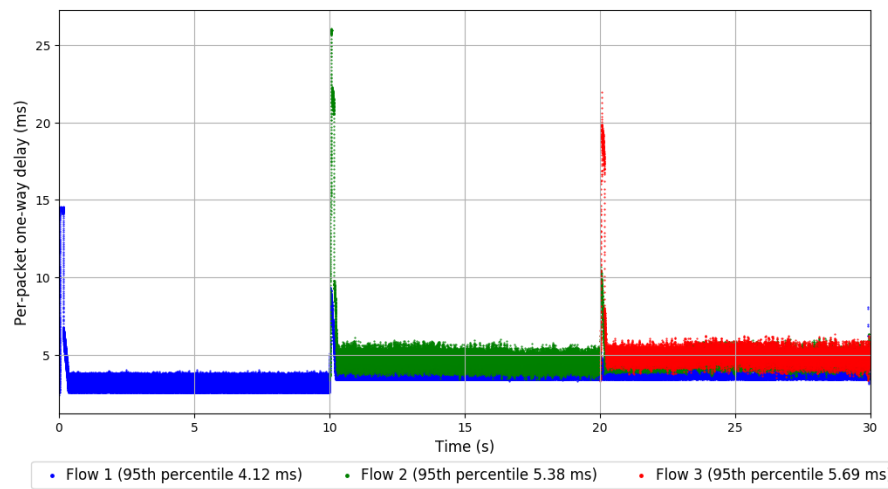
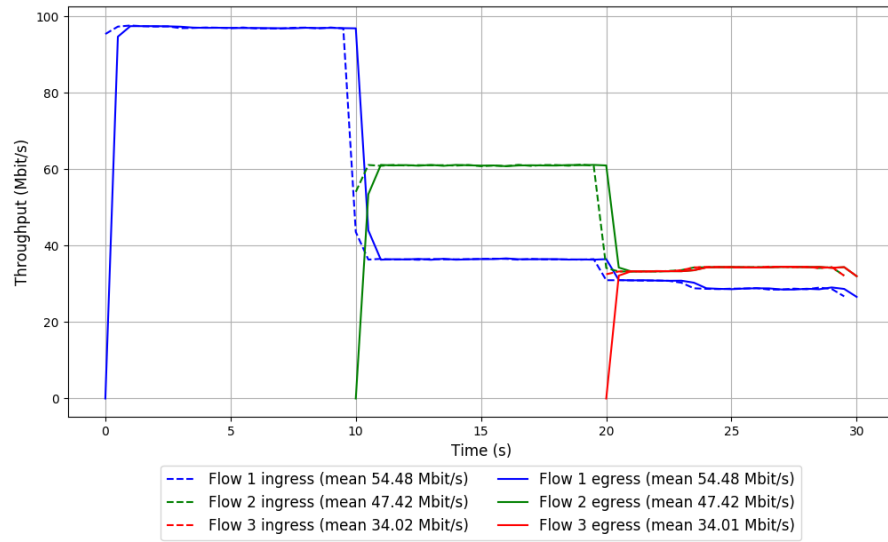


Run 9: Statistics of TCP Vegas

Start at: 2018-07-25 10:14:10
End at: 2018-07-25 10:14:40
Local clock offset: -6.086 ms
Remote clock offset: -2.448 ms

Below is generated by plot.py at 2018-07-25 11:10:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.37 Mbit/s
95th percentile per-packet one-way delay: 5.344 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 54.48 Mbit/s
95th percentile per-packet one-way delay: 4.120 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 47.42 Mbit/s
95th percentile per-packet one-way delay: 5.384 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 34.01 Mbit/s
95th percentile per-packet one-way delay: 5.688 ms
Loss rate: 0.07%

Run 9: Report of TCP Vegas — Data Link

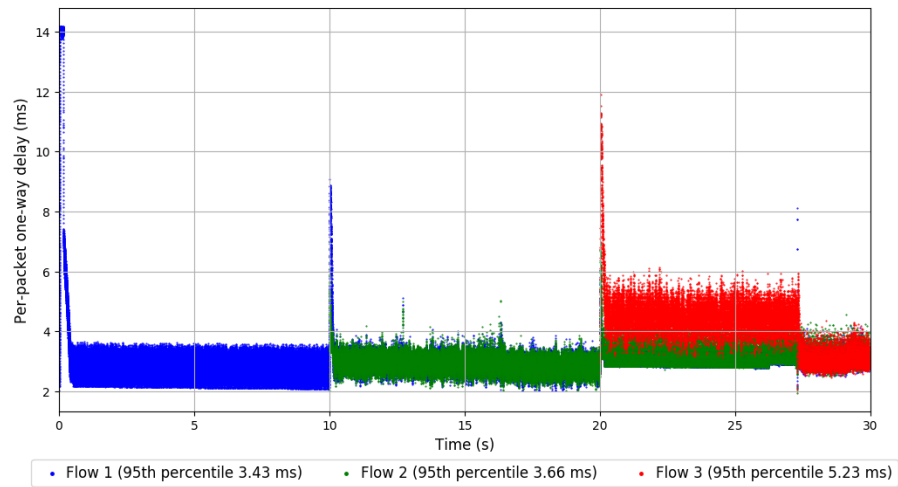
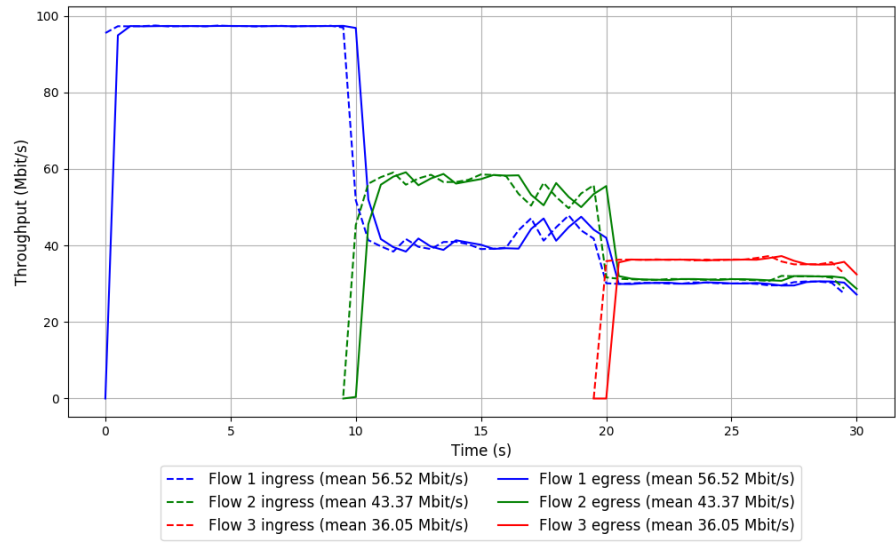


Run 10: Statistics of TCP Vegas

Start at: 2018-07-25 10:33:20
End at: 2018-07-25 10:33:50
Local clock offset: -6.599 ms
Remote clock offset: -2.644 ms

Below is generated by plot.py at 2018-07-25 11:10:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.41 Mbit/s
95th percentile per-packet one-way delay: 4.598 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 56.52 Mbit/s
95th percentile per-packet one-way delay: 3.431 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 43.37 Mbit/s
95th percentile per-packet one-way delay: 3.664 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 36.05 Mbit/s
95th percentile per-packet one-way delay: 5.232 ms
Loss rate: 0.06%

Run 10: Report of TCP Vegas — Data Link

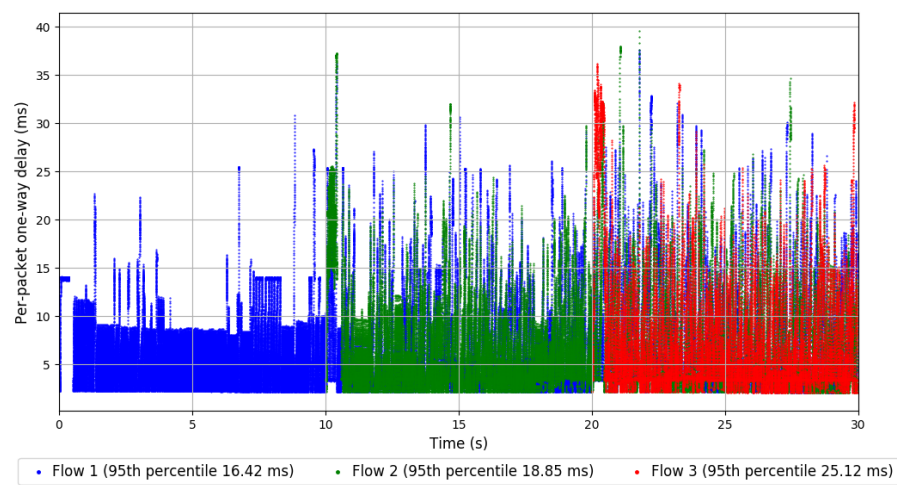
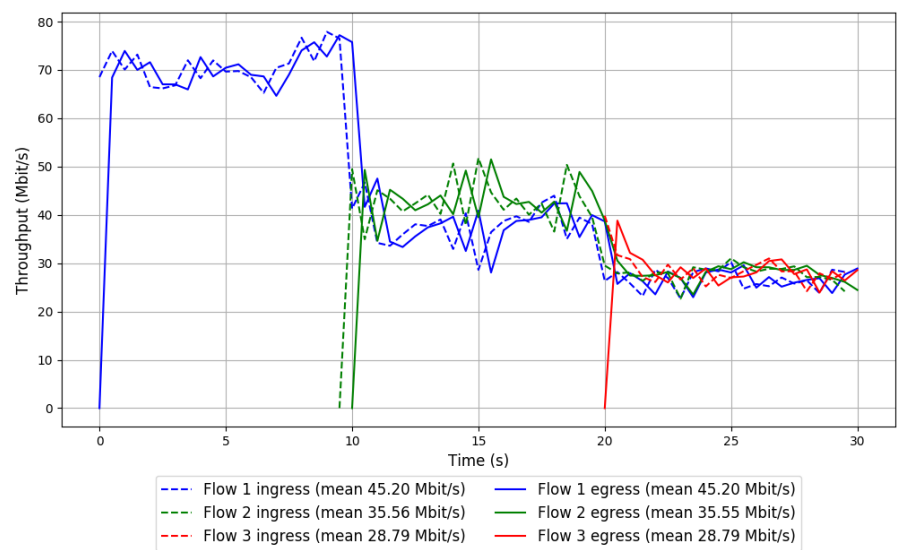


Run 1: Statistics of Verus

Start at: 2018-07-25 07:39:39
End at: 2018-07-25 07:40:09
Local clock offset: -4.729 ms
Remote clock offset: -6.491 ms

Below is generated by plot.py at 2018-07-25 11:10:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.45 Mbit/s
95th percentile per-packet one-way delay: 18.176 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 45.20 Mbit/s
95th percentile per-packet one-way delay: 16.417 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 35.55 Mbit/s
95th percentile per-packet one-way delay: 18.847 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 28.79 Mbit/s
95th percentile per-packet one-way delay: 25.123 ms
Loss rate: 0.05%

Run 1: Report of Verus — Data Link

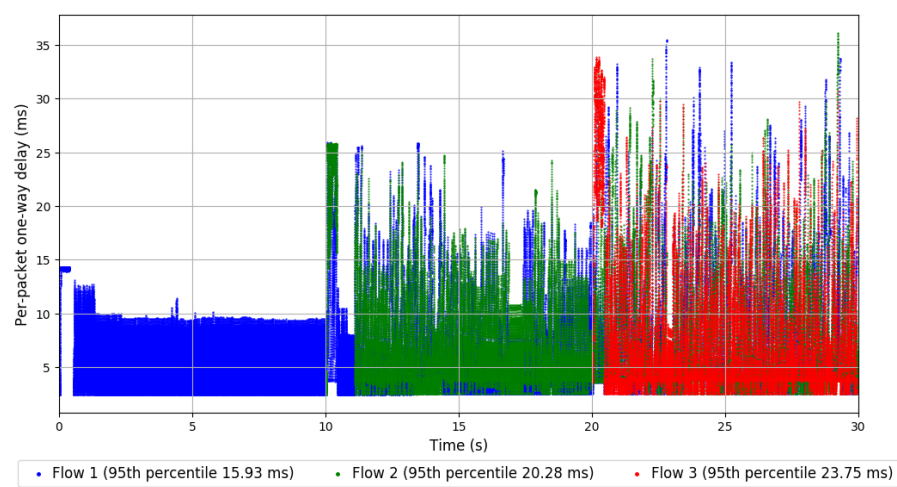
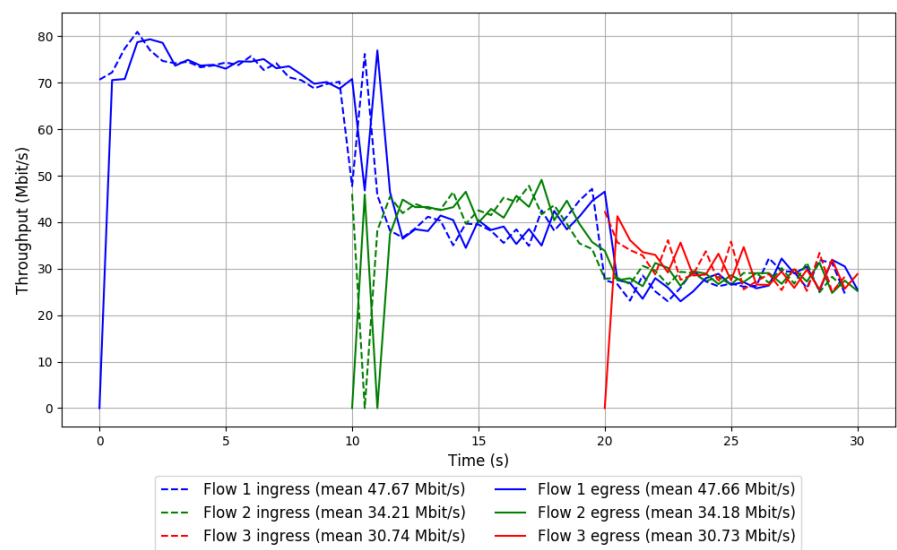


Run 2: Statistics of Verus

Start at: 2018-07-25 07:58:49
End at: 2018-07-25 07:59:19
Local clock offset: -1.846 ms
Remote clock offset: -4.725 ms

Below is generated by plot.py at 2018-07-25 11:10:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.63 Mbit/s
95th percentile per-packet one-way delay: 18.511 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 47.66 Mbit/s
95th percentile per-packet one-way delay: 15.933 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 34.18 Mbit/s
95th percentile per-packet one-way delay: 20.281 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 30.73 Mbit/s
95th percentile per-packet one-way delay: 23.745 ms
Loss rate: 0.09%

Run 2: Report of Verus — Data Link

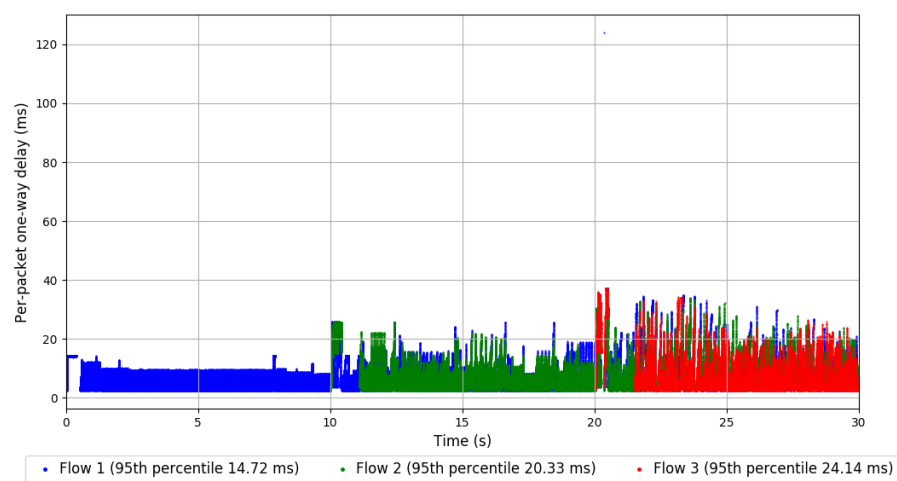
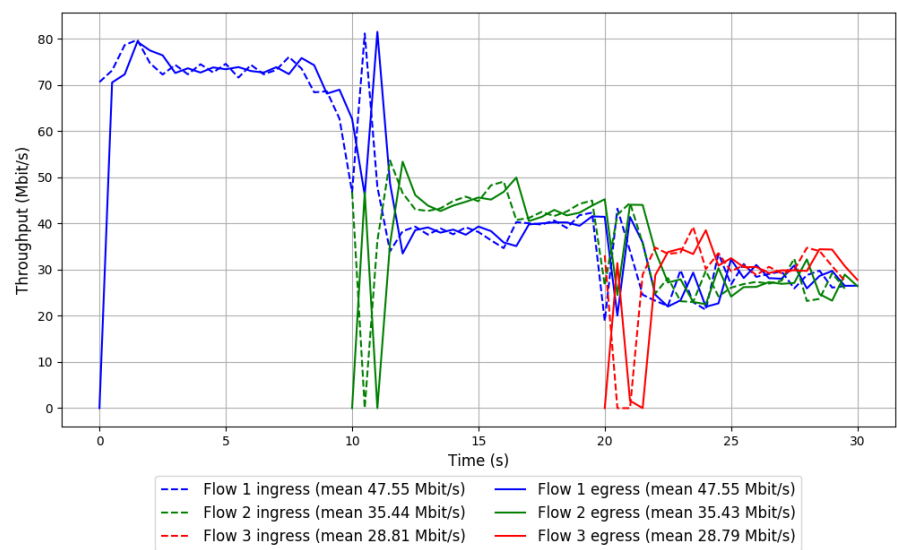


Run 3: Statistics of Verus

Start at: 2018-07-25 08:17:59
End at: 2018-07-25 08:18:29
Local clock offset: -1.612 ms
Remote clock offset: -2.098 ms

Below is generated by plot.py at 2018-07-25 11:10:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.69 Mbit/s
95th percentile per-packet one-way delay: 18.124 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 47.55 Mbit/s
95th percentile per-packet one-way delay: 14.716 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 35.43 Mbit/s
95th percentile per-packet one-way delay: 20.326 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 28.79 Mbit/s
95th percentile per-packet one-way delay: 24.135 ms
Loss rate: 0.11%

Run 3: Report of Verus — Data Link

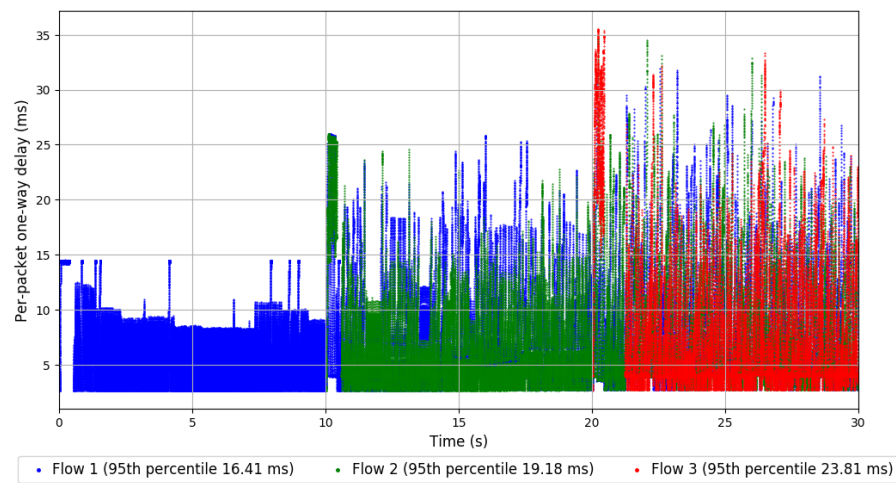
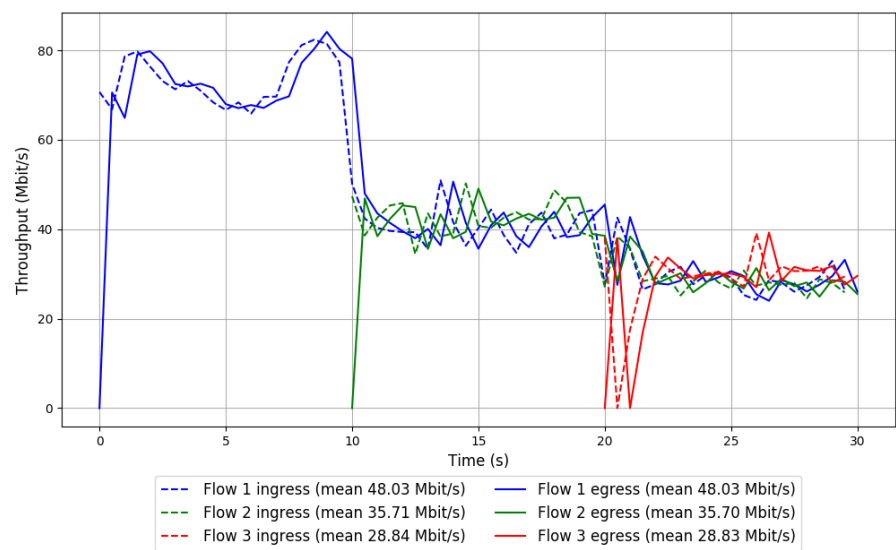


Run 4: Statistics of Verus

Start at: 2018-07-25 08:37:09
End at: 2018-07-25 08:37:39
Local clock offset: -4.14 ms
Remote clock offset: -5.159 ms

Below is generated by plot.py at 2018-07-25 11:10:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.38 Mbit/s
95th percentile per-packet one-way delay: 18.217 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 48.03 Mbit/s
95th percentile per-packet one-way delay: 16.414 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 35.70 Mbit/s
95th percentile per-packet one-way delay: 19.180 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 28.83 Mbit/s
95th percentile per-packet one-way delay: 23.813 ms
Loss rate: 0.07%

Run 4: Report of Verus — Data Link

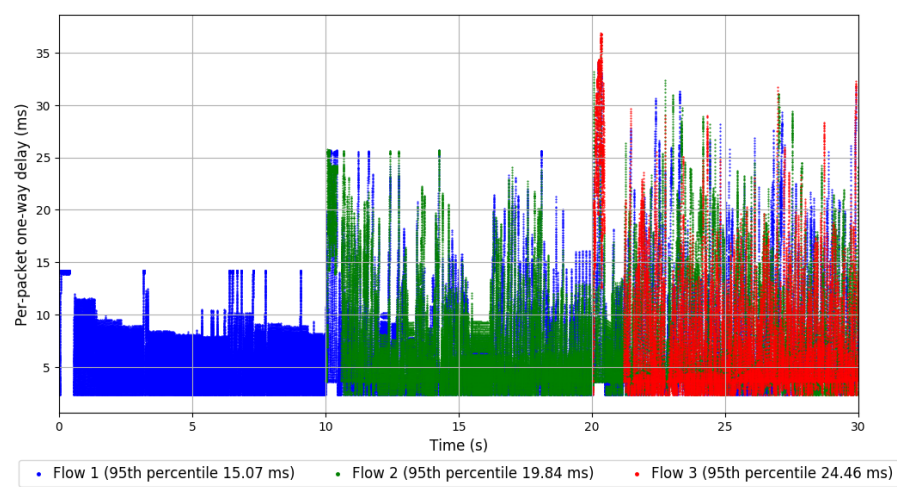
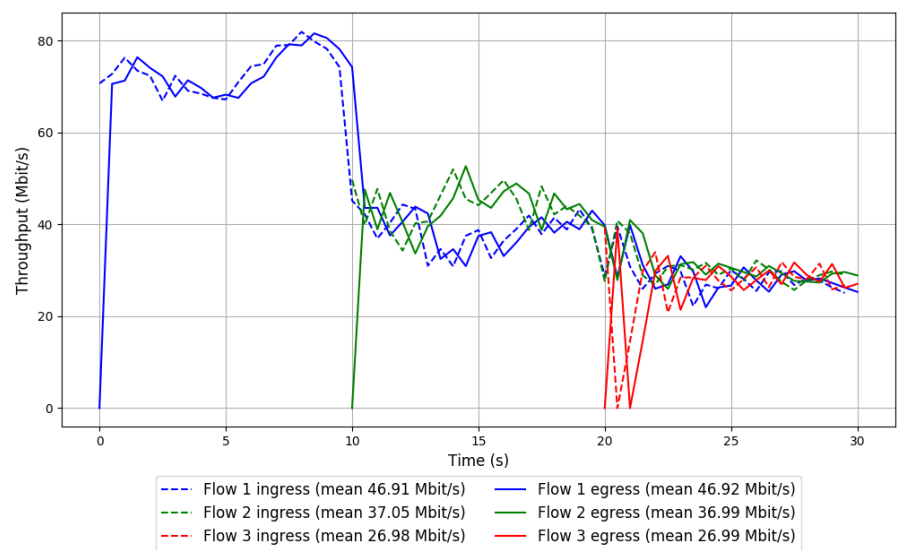


Run 5: Statistics of Verus

Start at: 2018-07-25 08:56:20
End at: 2018-07-25 08:56:50
Local clock offset: -7.708 ms
Remote clock offset: -7.012 ms

Below is generated by plot.py at 2018-07-25 11:10:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.50 Mbit/s
95th percentile per-packet one-way delay: 18.164 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 46.92 Mbit/s
95th percentile per-packet one-way delay: 15.073 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 36.99 Mbit/s
95th percentile per-packet one-way delay: 19.842 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 26.99 Mbit/s
95th percentile per-packet one-way delay: 24.463 ms
Loss rate: 0.04%

Run 5: Report of Verus — Data Link

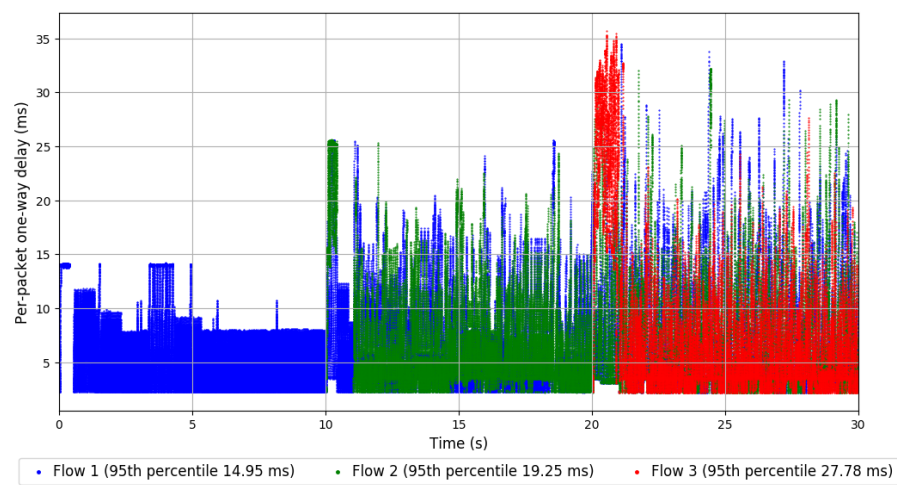
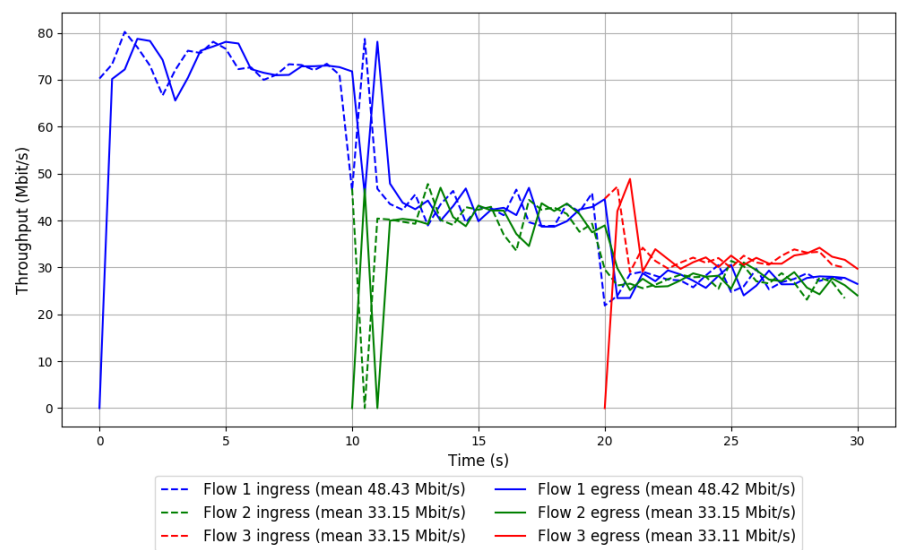


Run 6: Statistics of Verus

Start at: 2018-07-25 09:15:30
End at: 2018-07-25 09:16:00
Local clock offset: -3.258 ms
Remote clock offset: -6.951 ms

Below is generated by plot.py at 2018-07-25 11:10:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.48 Mbit/s
95th percentile per-packet one-way delay: 17.938 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 48.42 Mbit/s
95th percentile per-packet one-way delay: 14.952 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 33.15 Mbit/s
95th percentile per-packet one-way delay: 19.247 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 33.11 Mbit/s
95th percentile per-packet one-way delay: 27.784 ms
Loss rate: 0.15%

Run 6: Report of Verus — Data Link

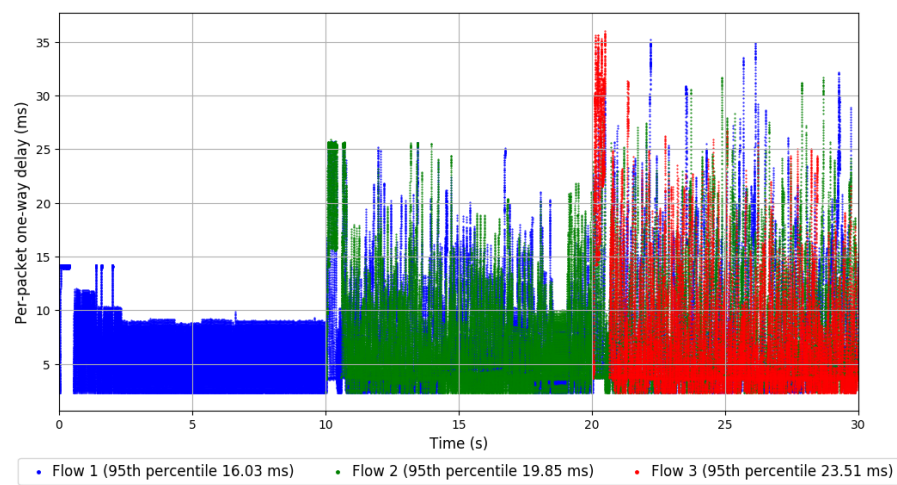
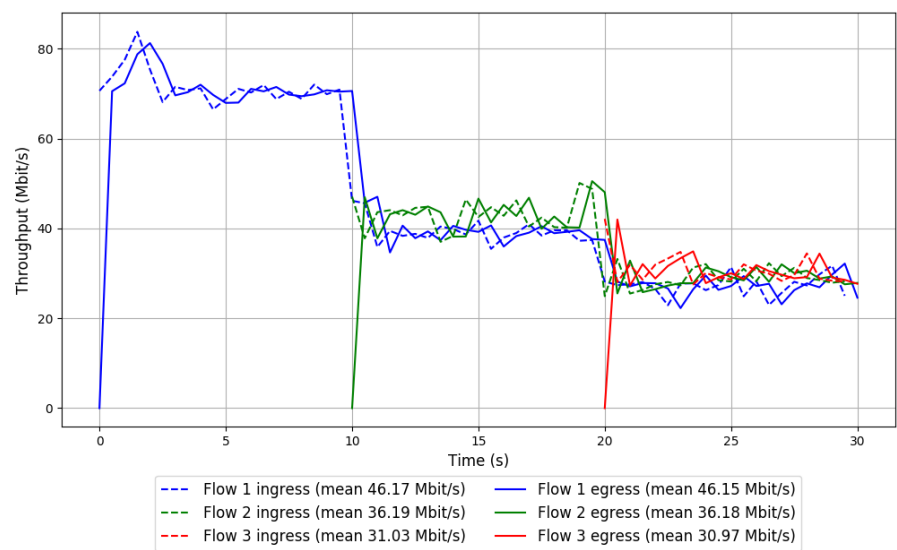


Run 7: Statistics of Verus

Start at: 2018-07-25 09:34:40
End at: 2018-07-25 09:35:10
Local clock offset: -2.071 ms
Remote clock offset: -6.988 ms

Below is generated by plot.py at 2018-07-25 11:10:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.52 Mbit/s
95th percentile per-packet one-way delay: 18.523 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 46.15 Mbit/s
95th percentile per-packet one-way delay: 16.034 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 36.18 Mbit/s
95th percentile per-packet one-way delay: 19.850 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 30.97 Mbit/s
95th percentile per-packet one-way delay: 23.513 ms
Loss rate: 0.12%

Run 7: Report of Verus — Data Link

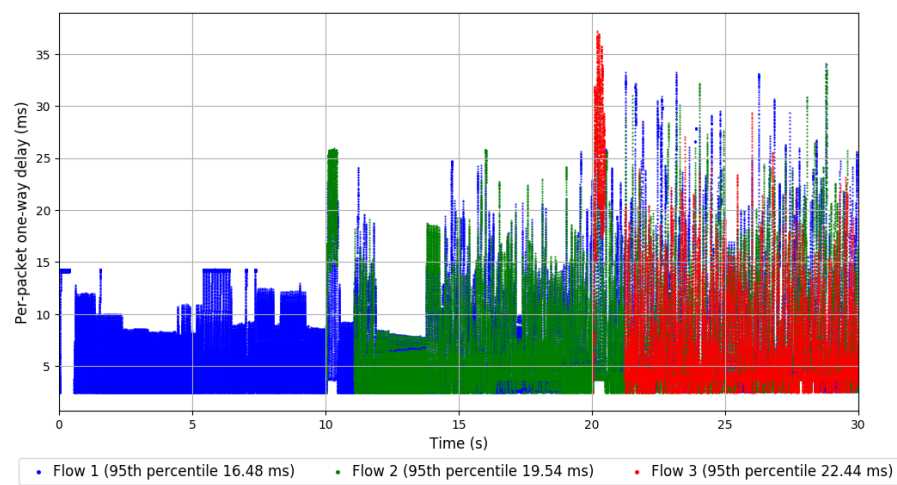
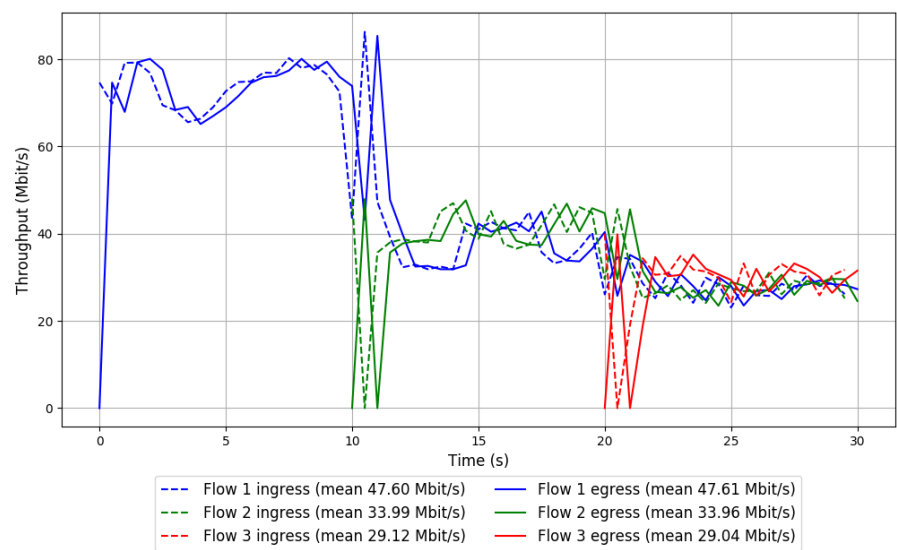


Run 8: Statistics of Verus

Start at: 2018-07-25 09:53:52
End at: 2018-07-25 09:54:22
Local clock offset: -2.173 ms
Remote clock offset: -3.243 ms

Below is generated by plot.py at 2018-07-25 11:11:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.86 Mbit/s
95th percentile per-packet one-way delay: 18.174 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 47.61 Mbit/s
95th percentile per-packet one-way delay: 16.477 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 33.96 Mbit/s
95th percentile per-packet one-way delay: 19.541 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 29.04 Mbit/s
95th percentile per-packet one-way delay: 22.441 ms
Loss rate: 0.30%

Run 8: Report of Verus — Data Link

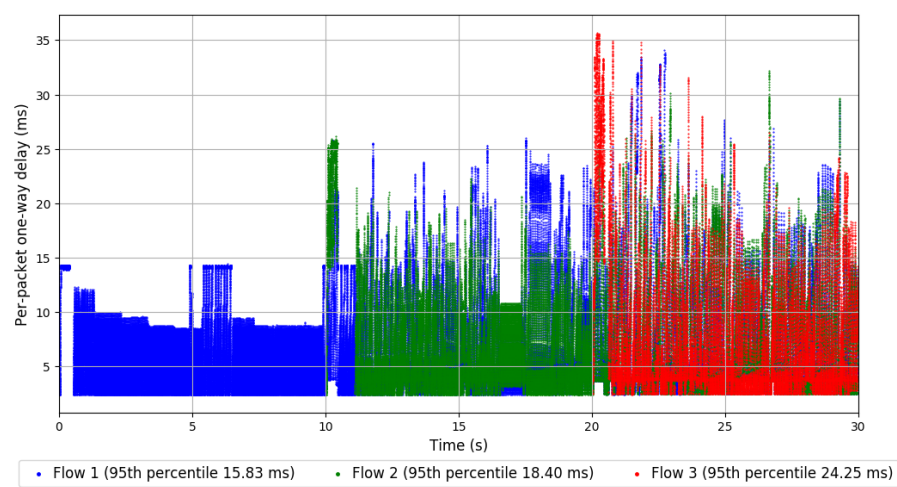
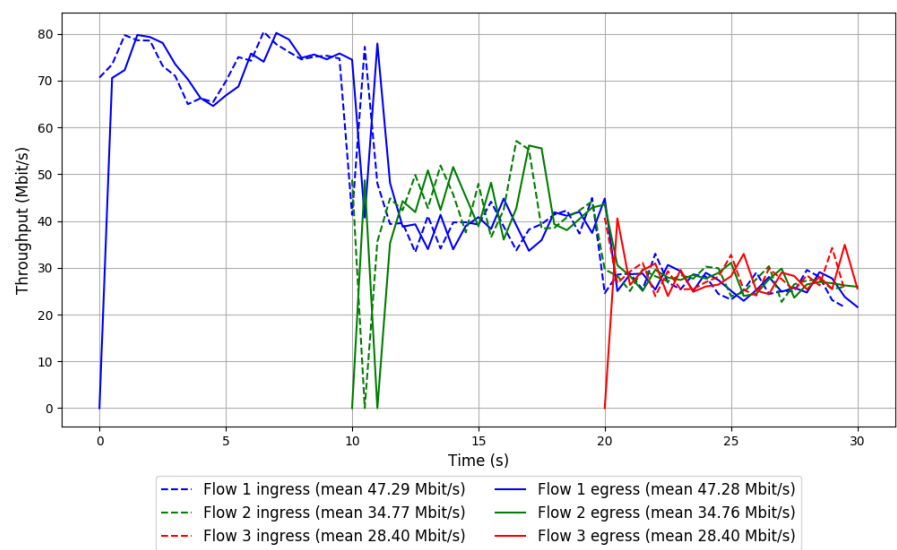


Run 9: Statistics of Verus

Start at: 2018-07-25 10:13:02
End at: 2018-07-25 10:13:32
Local clock offset: -5.897 ms
Remote clock offset: -2.273 ms

Below is generated by plot.py at 2018-07-25 11:11:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.86 Mbit/s
95th percentile per-packet one-way delay: 17.959 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 47.28 Mbit/s
95th percentile per-packet one-way delay: 15.832 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 34.76 Mbit/s
95th percentile per-packet one-way delay: 18.403 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 28.40 Mbit/s
95th percentile per-packet one-way delay: 24.247 ms
Loss rate: 0.03%

Run 9: Report of Verus — Data Link

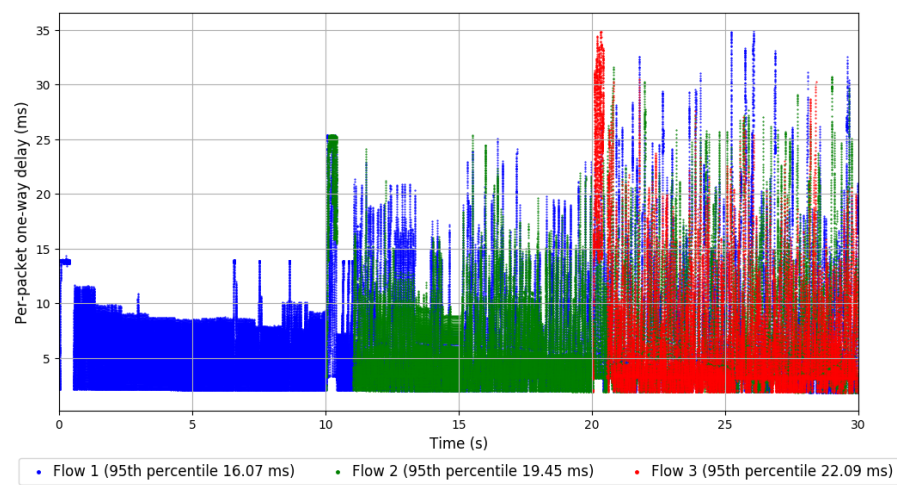
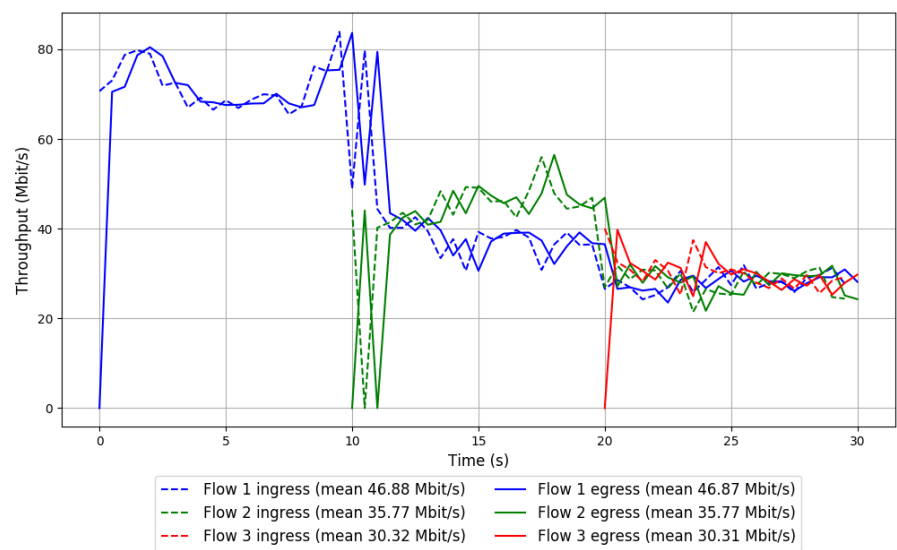


Run 10: Statistics of Verus

Start at: 2018-07-25 10:32:12
End at: 2018-07-25 10:32:42
Local clock offset: -7.27 ms
Remote clock offset: -2.657 ms

Below is generated by plot.py at 2018-07-25 11:11:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.76 Mbit/s
95th percentile per-packet one-way delay: 17.877 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 46.87 Mbit/s
95th percentile per-packet one-way delay: 16.065 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 35.77 Mbit/s
95th percentile per-packet one-way delay: 19.454 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 30.31 Mbit/s
95th percentile per-packet one-way delay: 22.090 ms
Loss rate: 0.10%

Run 10: Report of Verus — Data Link

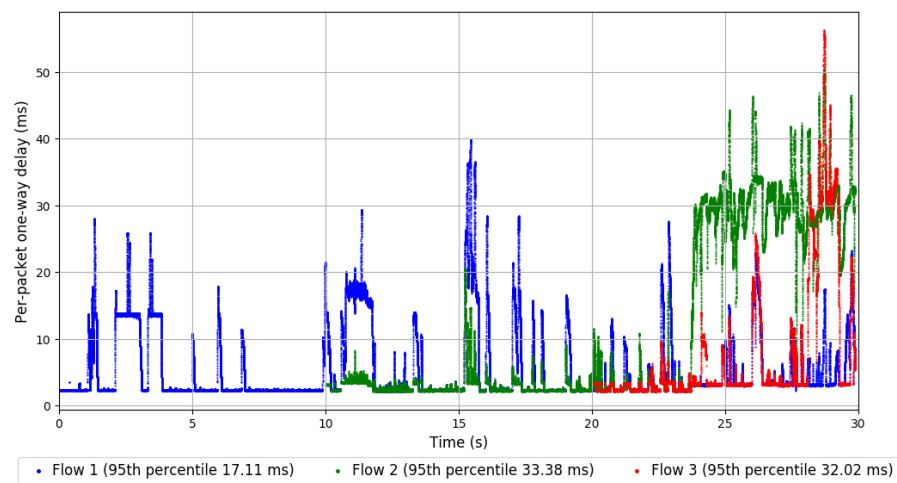
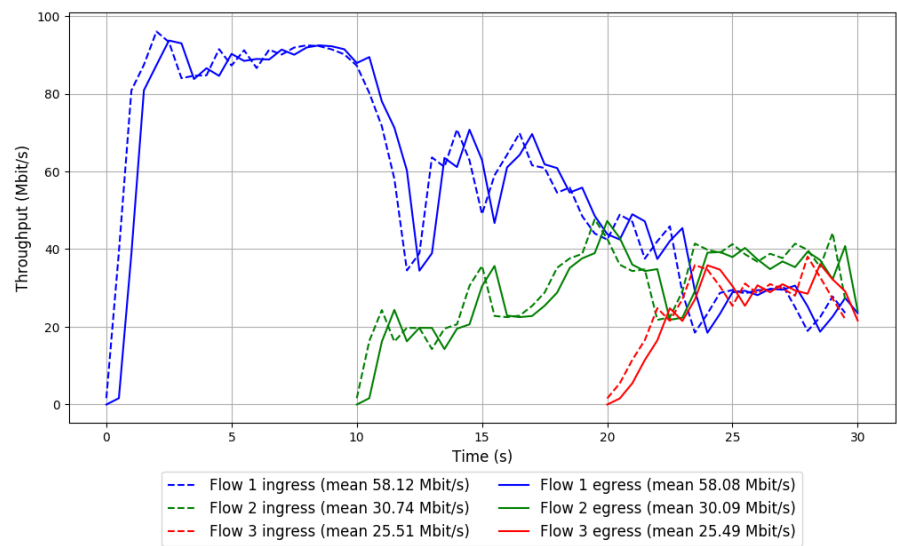


Run 1: Statistics of PCC-Vivace

Start at: 2018-07-25 07:44:11
End at: 2018-07-25 07:44:41
Local clock offset: -3.557 ms
Remote clock offset: -6.509 ms

Below is generated by plot.py at 2018-07-25 11:11:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.50 Mbit/s
95th percentile per-packet one-way delay: 29.988 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 58.08 Mbit/s
95th percentile per-packet one-way delay: 17.105 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 30.09 Mbit/s
95th percentile per-packet one-way delay: 33.382 ms
Loss rate: 2.20%
-- Flow 3:
Average throughput: 25.49 Mbit/s
95th percentile per-packet one-way delay: 32.020 ms
Loss rate: 0.26%

Run 1: Report of PCC-Vivace — Data Link

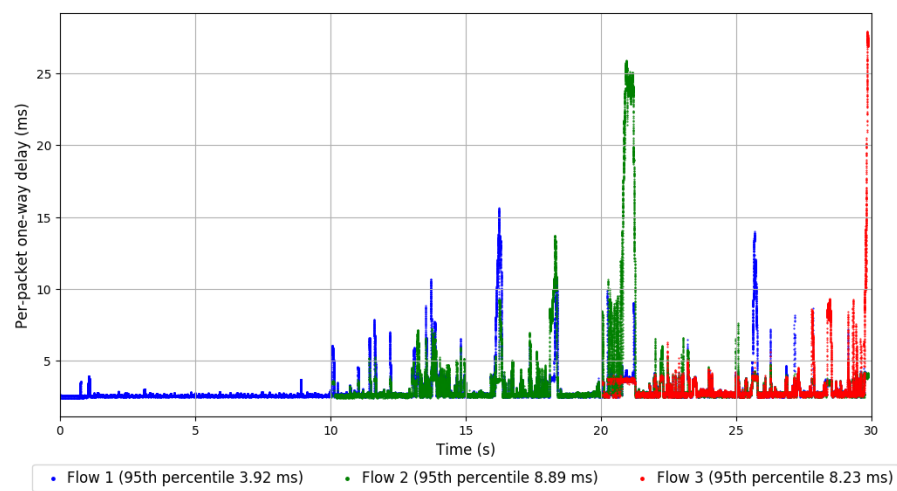
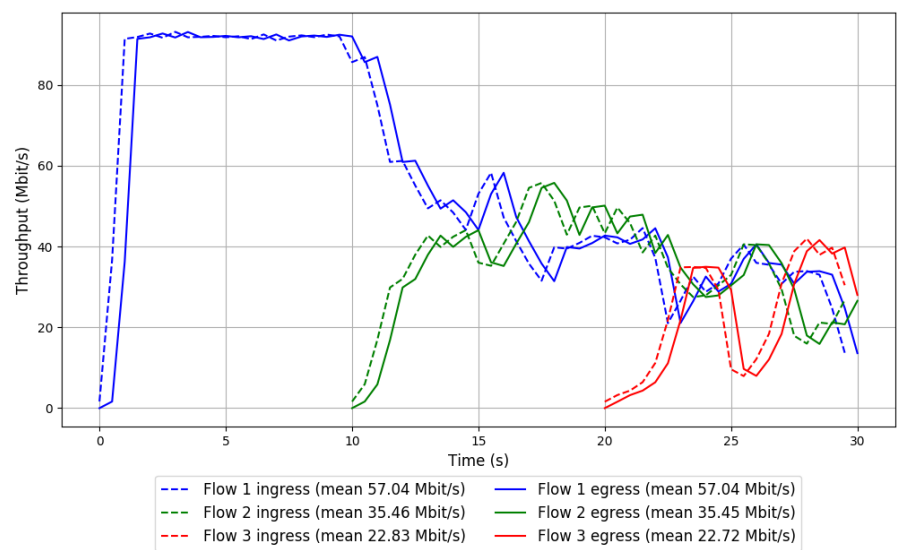


Run 2: Statistics of PCC-Vivace

Start at: 2018-07-25 08:03:21
End at: 2018-07-25 08:03:51
Local clock offset: -1.727 ms
Remote clock offset: -3.894 ms

Below is generated by plot.py at 2018-07-25 11:11:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.11 Mbit/s
95th percentile per-packet one-way delay: 5.542 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 57.04 Mbit/s
95th percentile per-packet one-way delay: 3.923 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 35.45 Mbit/s
95th percentile per-packet one-way delay: 8.895 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 22.72 Mbit/s
95th percentile per-packet one-way delay: 8.227 ms
Loss rate: 0.58%

Run 2: Report of PCC-Vivace — Data Link

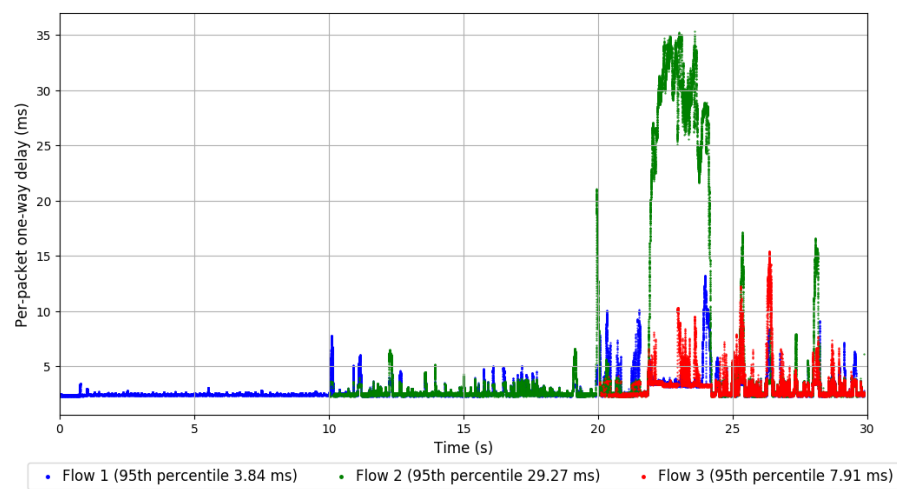
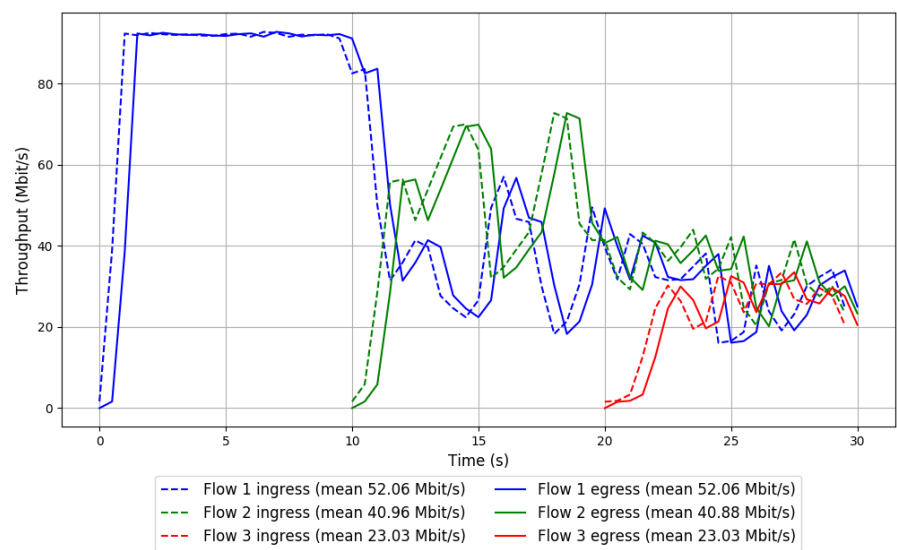


Run 3: Statistics of PCC-Vivace

Start at: 2018-07-25 08:22:32
End at: 2018-07-25 08:23:02
Local clock offset: -1.505 ms
Remote clock offset: -1.901 ms

Below is generated by plot.py at 2018-07-25 11:11:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.84 Mbit/s
95th percentile per-packet one-way delay: 7.982 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 52.06 Mbit/s
95th percentile per-packet one-way delay: 3.844 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 40.88 Mbit/s
95th percentile per-packet one-way delay: 29.274 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 23.03 Mbit/s
95th percentile per-packet one-way delay: 7.912 ms
Loss rate: 0.05%

Run 3: Report of PCC-Vivace — Data Link

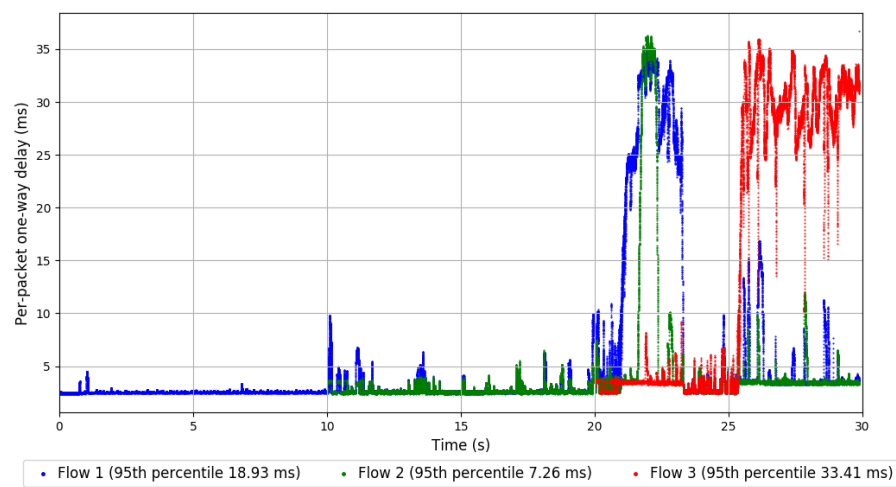
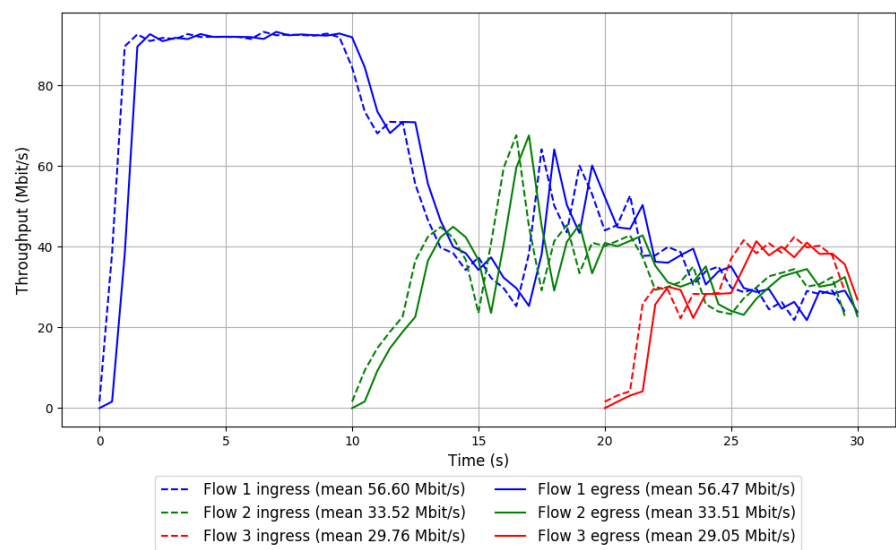


Run 4: Statistics of PCC-Vivace

Start at: 2018-07-25 08:41:42
End at: 2018-07-25 08:42:12
Local clock offset: -5.551 ms
Remote clock offset: -5.911 ms

Below is generated by plot.py at 2018-07-25 11:12:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.34 Mbit/s
95th percentile per-packet one-way delay: 29.910 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 56.47 Mbit/s
95th percentile per-packet one-way delay: 18.931 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 33.51 Mbit/s
95th percentile per-packet one-way delay: 7.262 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 29.05 Mbit/s
95th percentile per-packet one-way delay: 33.409 ms
Loss rate: 2.44%

Run 4: Report of PCC-Vivace — Data Link

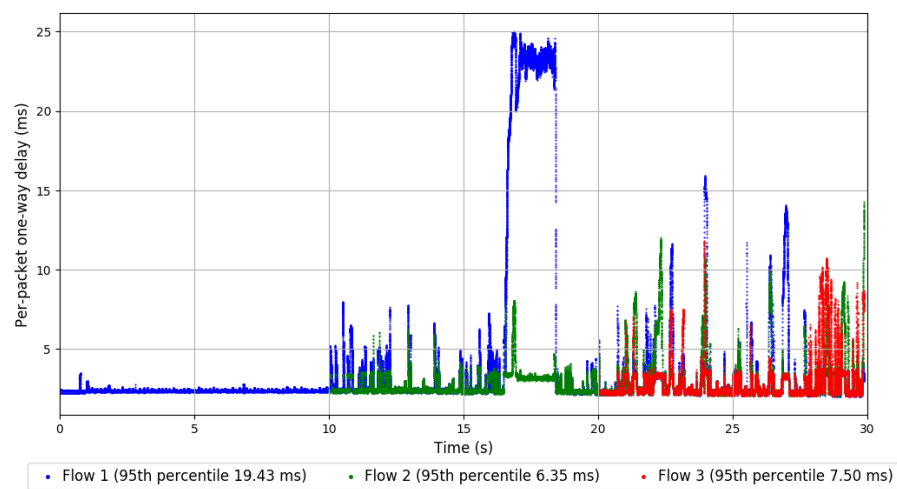
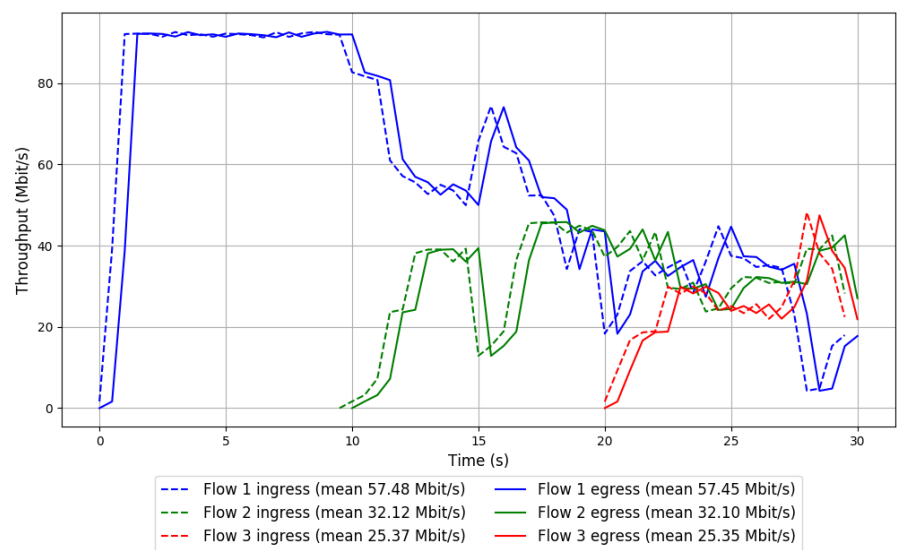


Run 5: Statistics of PCC-Vivace

Start at: 2018-07-25 09:00:53
End at: 2018-07-25 09:01:23
Local clock offset: -8.078 ms
Remote clock offset: -7.213 ms

Below is generated by plot.py at 2018-07-25 11:12:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.18 Mbit/s
95th percentile per-packet one-way delay: 8.468 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 57.45 Mbit/s
95th percentile per-packet one-way delay: 19.434 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 32.10 Mbit/s
95th percentile per-packet one-way delay: 6.352 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 25.35 Mbit/s
95th percentile per-packet one-way delay: 7.496 ms
Loss rate: 0.13%

Run 5: Report of PCC-Vivace — Data Link

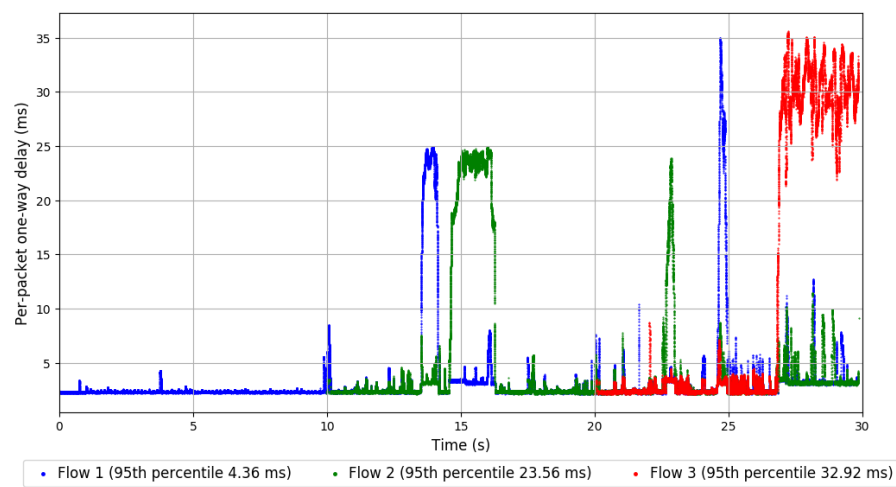
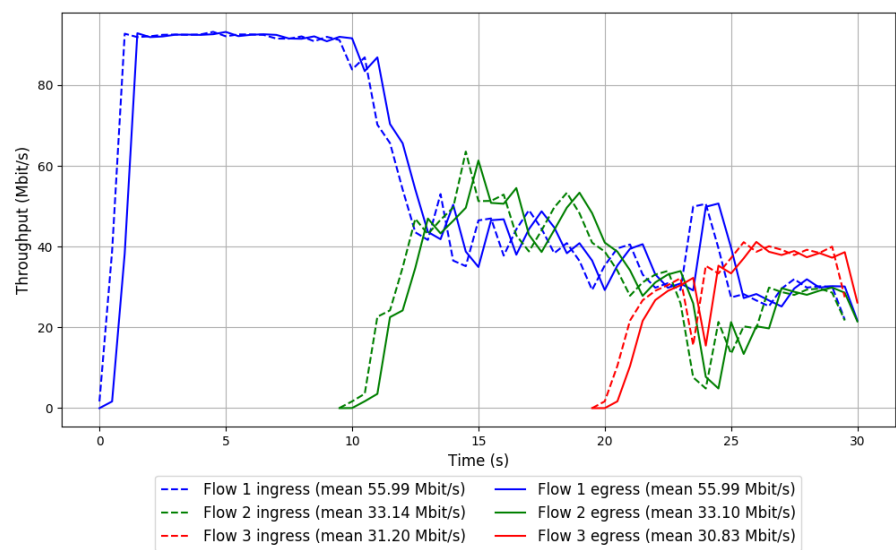


Run 6: Statistics of PCC-Vivace

Start at: 2018-07-25 09:20:03
End at: 2018-07-25 09:20:33
Local clock offset: -2.784 ms
Remote clock offset: -7.074 ms

Below is generated by plot.py at 2018-07-25 11:12:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.20 Mbit/s
95th percentile per-packet one-way delay: 24.285 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 55.99 Mbit/s
95th percentile per-packet one-way delay: 4.359 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 33.10 Mbit/s
95th percentile per-packet one-way delay: 23.560 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 30.83 Mbit/s
95th percentile per-packet one-way delay: 32.919 ms
Loss rate: 1.28%

Run 6: Report of PCC-Vivace — Data Link

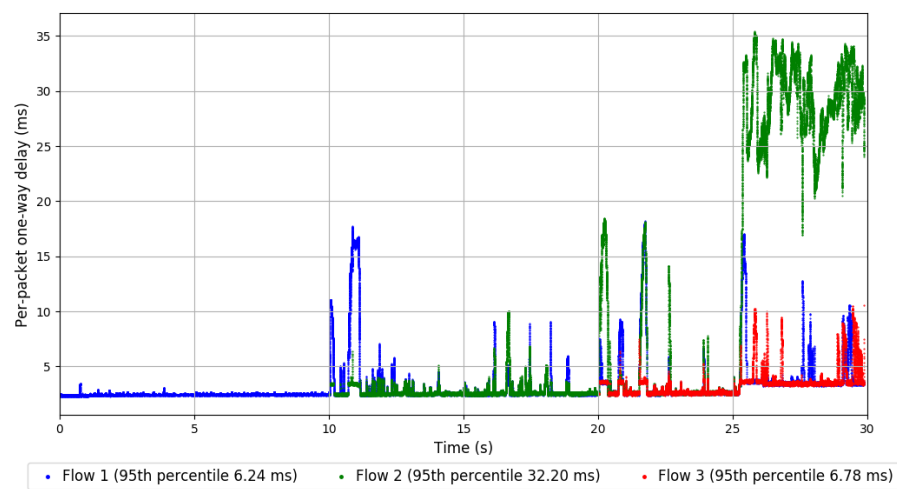
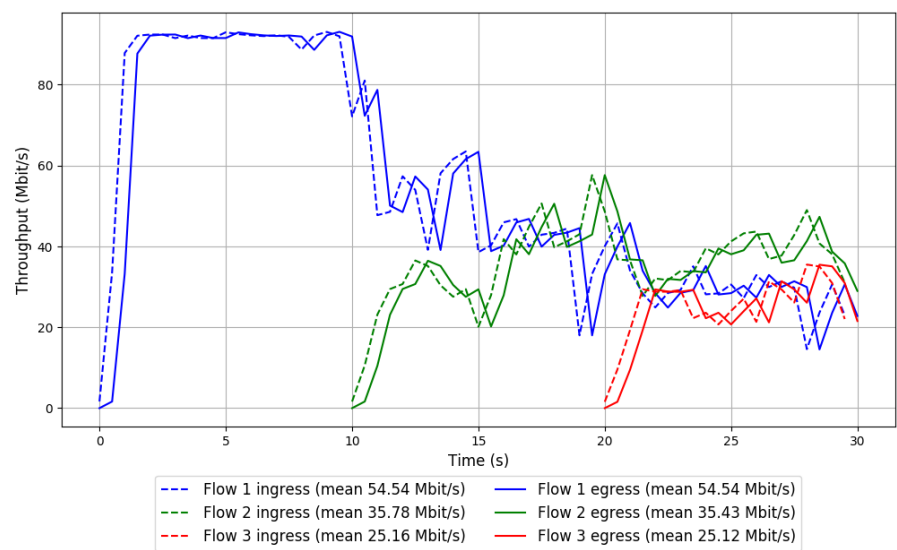


Run 7: Statistics of PCC-Vivace

Start at: 2018-07-25 09:39:13
End at: 2018-07-25 09:39:43
Local clock offset: -2.207 ms
Remote clock offset: -5.853 ms

Below is generated by plot.py at 2018-07-25 11:12:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.38 Mbit/s
95th percentile per-packet one-way delay: 26.600 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 54.54 Mbit/s
95th percentile per-packet one-way delay: 6.235 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 35.43 Mbit/s
95th percentile per-packet one-way delay: 32.201 ms
Loss rate: 1.05%
-- Flow 3:
Average throughput: 25.12 Mbit/s
95th percentile per-packet one-way delay: 6.782 ms
Loss rate: 0.14%

Run 7: Report of PCC-Vivace — Data Link

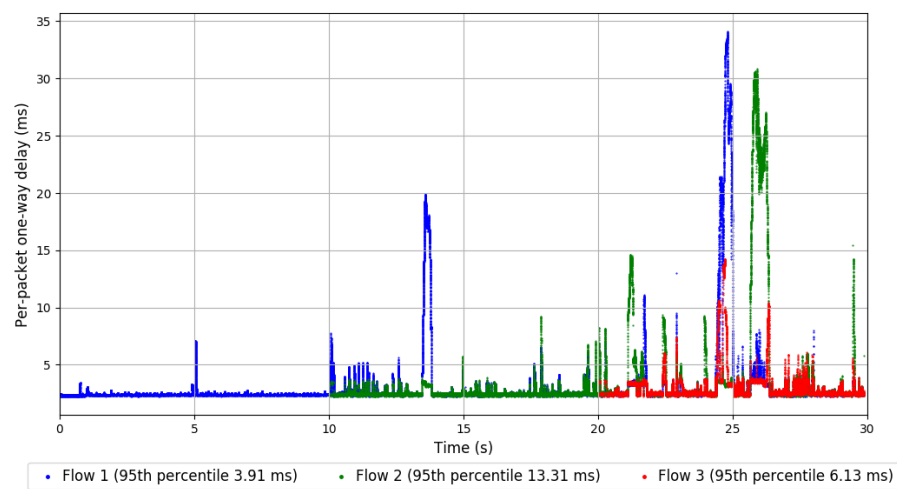
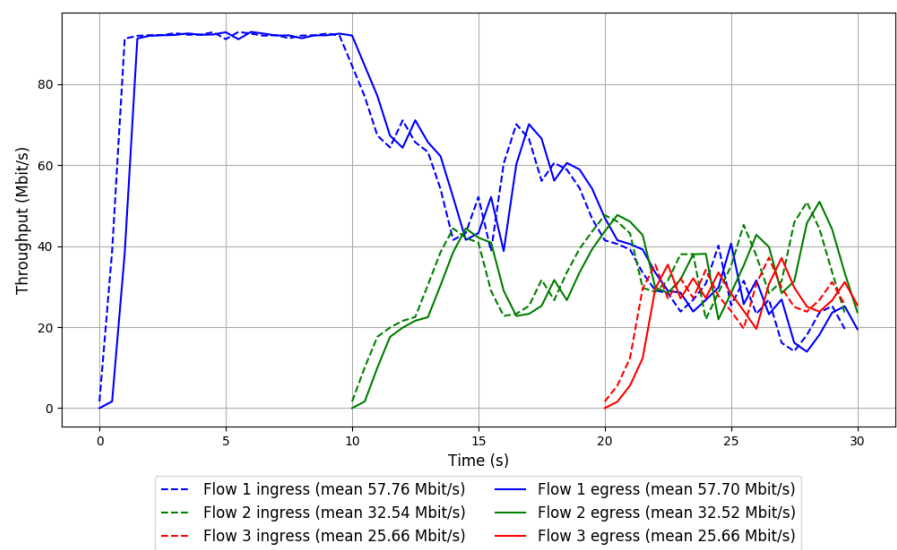


Run 8: Statistics of PCC-Vivace

Start at: 2018-07-25 09:58:25
End at: 2018-07-25 09:58:55
Local clock offset: -2.144 ms
Remote clock offset: -2.829 ms

Below is generated by plot.py at 2018-07-25 11:12:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.79 Mbit/s
95th percentile per-packet one-way delay: 5.240 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 57.70 Mbit/s
95th percentile per-packet one-way delay: 3.914 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 32.52 Mbit/s
95th percentile per-packet one-way delay: 13.311 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 25.66 Mbit/s
95th percentile per-packet one-way delay: 6.135 ms
Loss rate: 0.07%

Run 8: Report of PCC-Vivace — Data Link

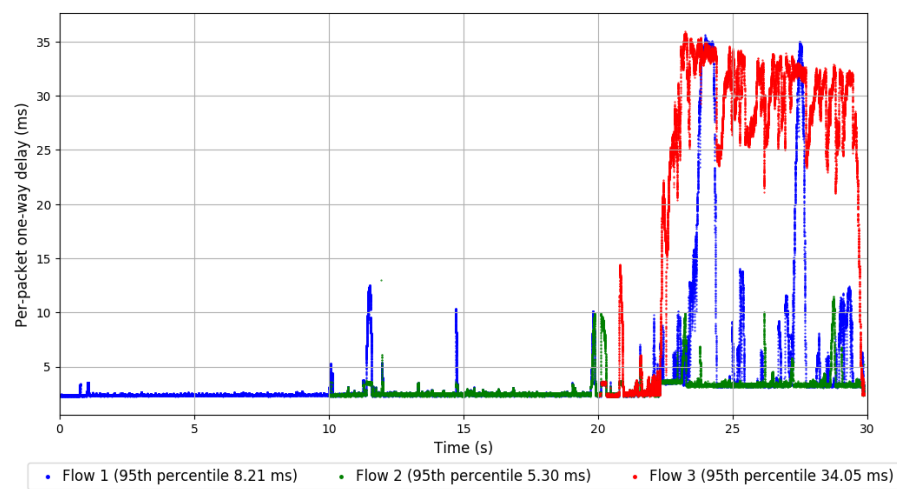
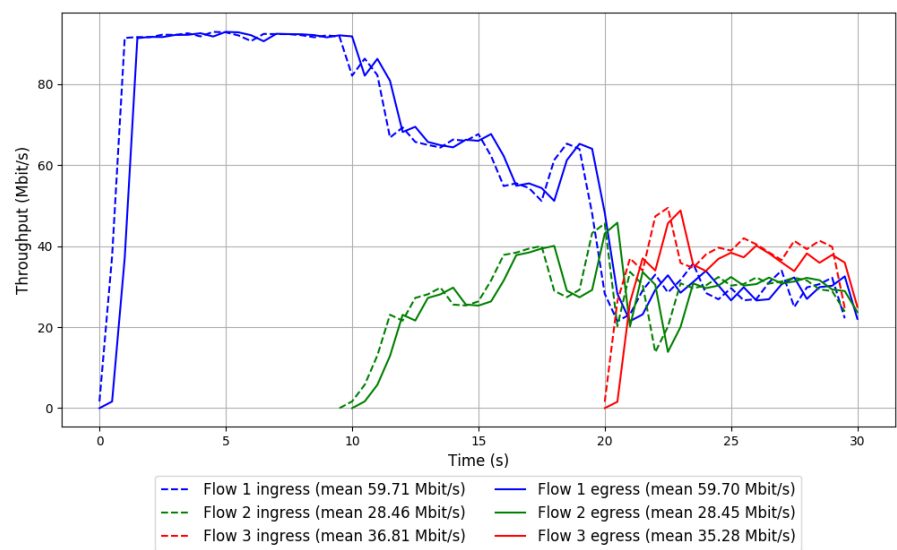


Run 9: Statistics of PCC-Vivace

Start at: 2018-07-25 10:17:35
End at: 2018-07-25 10:18:05
Local clock offset: -6.618 ms
Remote clock offset: -2.542 ms

Below is generated by plot.py at 2018-07-25 11:12:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.27 Mbit/s
95th percentile per-packet one-way delay: 31.225 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 59.70 Mbit/s
95th percentile per-packet one-way delay: 8.210 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 28.45 Mbit/s
95th percentile per-packet one-way delay: 5.296 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 35.28 Mbit/s
95th percentile per-packet one-way delay: 34.049 ms
Loss rate: 4.20%

Run 9: Report of PCC-Vivace — Data Link

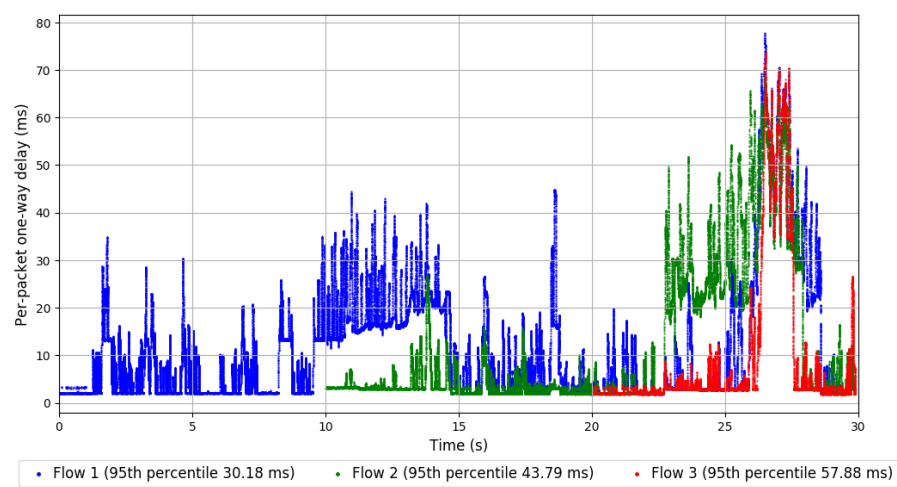
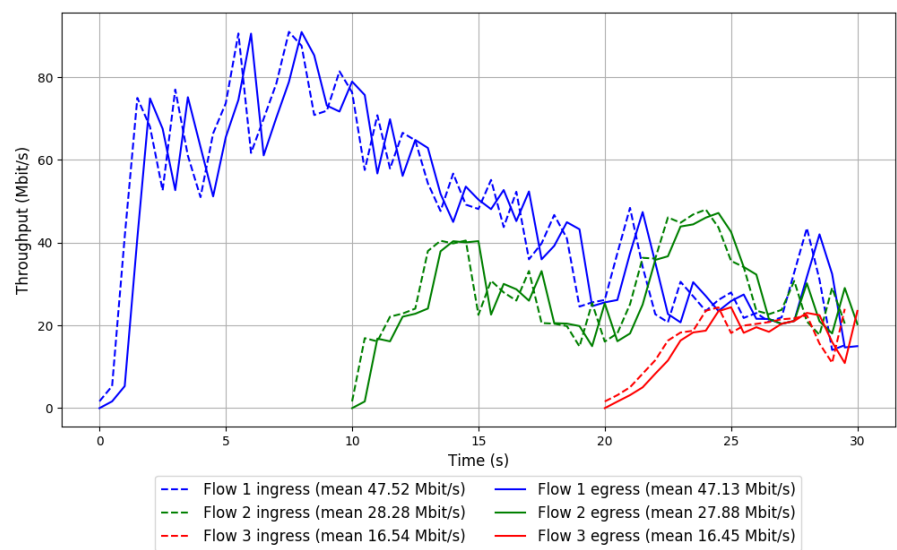


Run 10: Statistics of PCC-Vivace

Start at: 2018-07-25 10:36:45
End at: 2018-07-25 10:37:15
Local clock offset: -5.023 ms
Remote clock offset: -2.512 ms

Below is generated by plot.py at 2018-07-25 11:12:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 71.10 Mbit/s
95th percentile per-packet one-way delay: 36.842 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 47.13 Mbit/s
95th percentile per-packet one-way delay: 30.182 ms
Loss rate: 0.84%
-- Flow 2:
Average throughput: 27.88 Mbit/s
95th percentile per-packet one-way delay: 43.790 ms
Loss rate: 1.44%
-- Flow 3:
Average throughput: 16.45 Mbit/s
95th percentile per-packet one-way delay: 57.877 ms
Loss rate: 0.61%

Run 10: Report of PCC-Vivace — Data Link

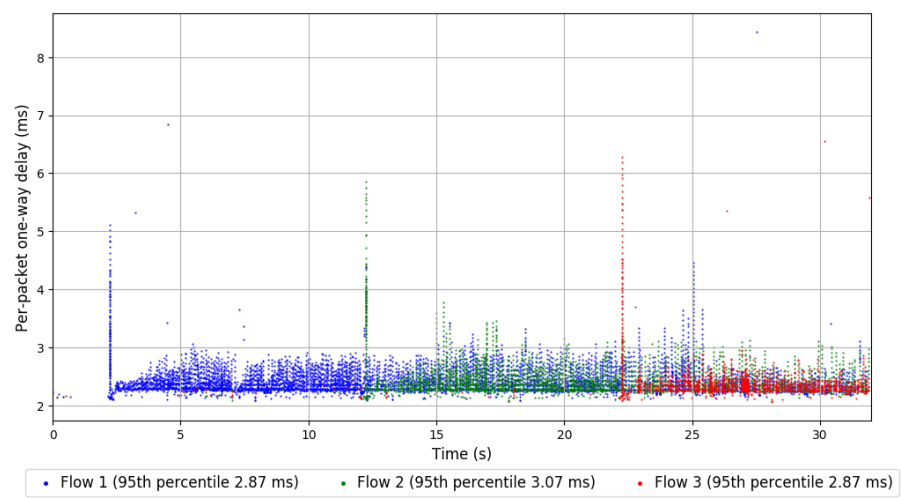
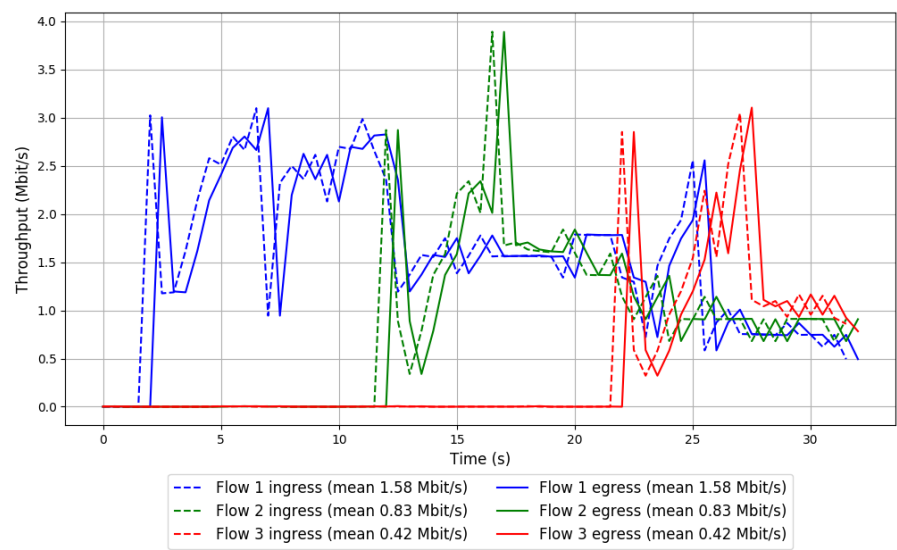


Run 1: Statistics of WebRTC media

Start at: 2018-07-25 07:51:00
End at: 2018-07-25 07:51:30
Local clock offset: -2.559 ms
Remote clock offset: -6.336 ms

Below is generated by plot.py at 2018-07-25 11:12:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.81 Mbit/s
95th percentile per-packet one-way delay: 2.934 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 1.58 Mbit/s
95th percentile per-packet one-way delay: 2.868 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.83 Mbit/s
95th percentile per-packet one-way delay: 3.067 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 2.874 ms
Loss rate: 0.29%

Run 1: Report of WebRTC media — Data Link

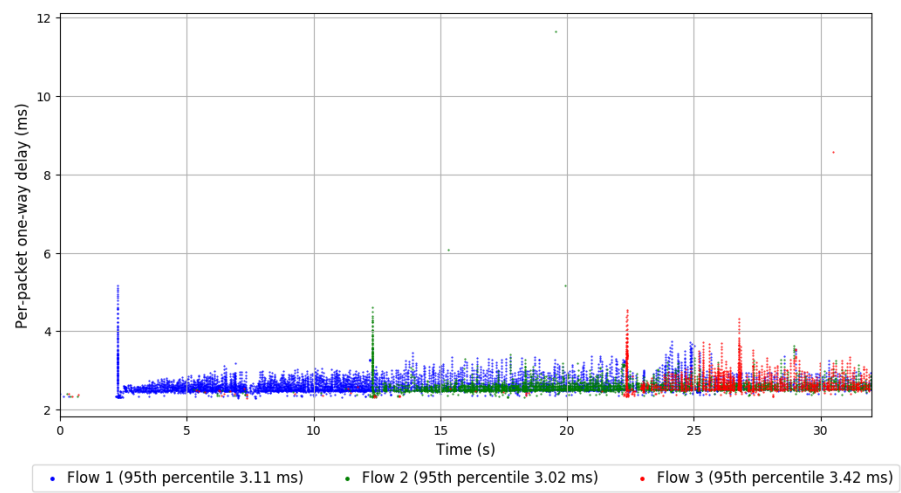
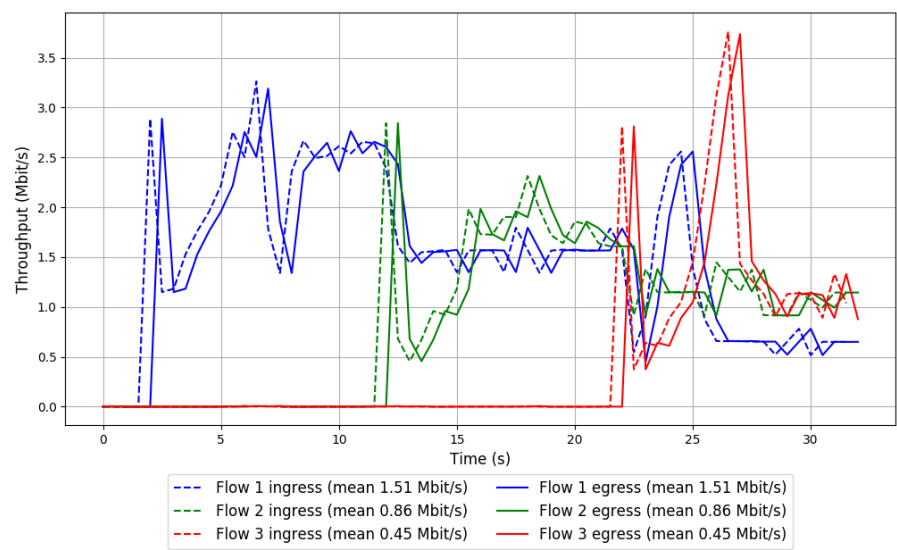


Run 2: Statistics of WebRTC media

Start at: 2018-07-25 08:10:10
End at: 2018-07-25 08:10:40
Local clock offset: -1.721 ms
Remote clock offset: -2.894 ms

Below is generated by plot.py at 2018-07-25 11:12:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.80 Mbit/s
95th percentile per-packet one-way delay: 3.146 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 1.51 Mbit/s
95th percentile per-packet one-way delay: 3.108 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.86 Mbit/s
95th percentile per-packet one-way delay: 3.018 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 3.420 ms
Loss rate: 0.56%

Run 2: Report of WebRTC media — Data Link

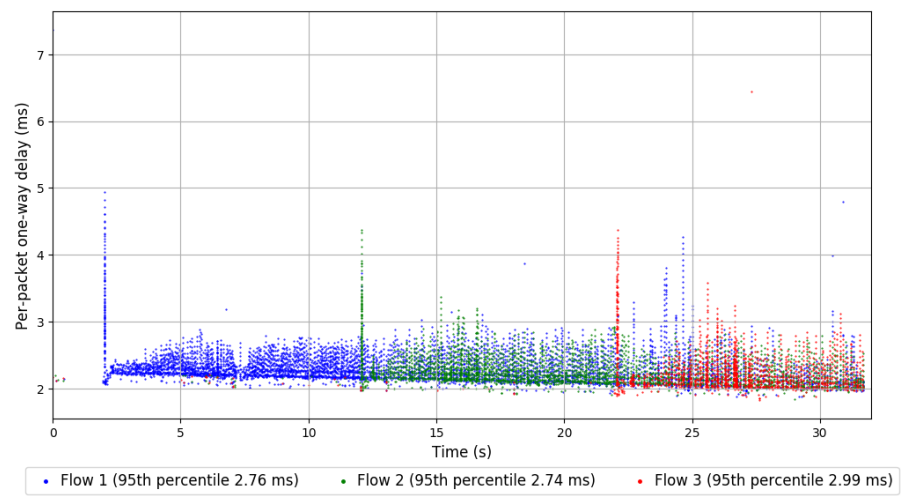
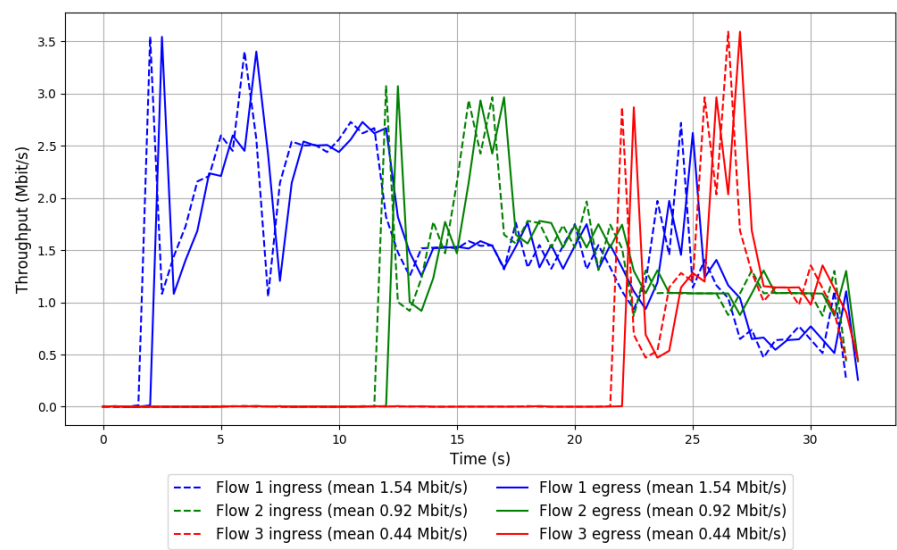


Run 3: Statistics of WebRTC media

Start at: 2018-07-25 08:29:20
End at: 2018-07-25 08:29:50
Local clock offset: -1.389 ms
Remote clock offset: -2.314 ms

Below is generated by plot.py at 2018-07-25 11:12:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.90 Mbit/s
95th percentile per-packet one-way delay: 2.782 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.54 Mbit/s
95th percentile per-packet one-way delay: 2.762 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.92 Mbit/s
95th percentile per-packet one-way delay: 2.739 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.989 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

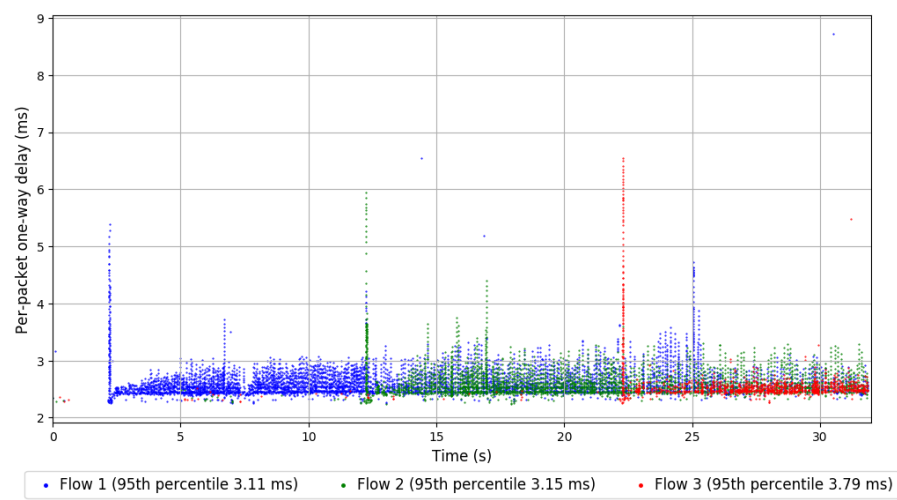
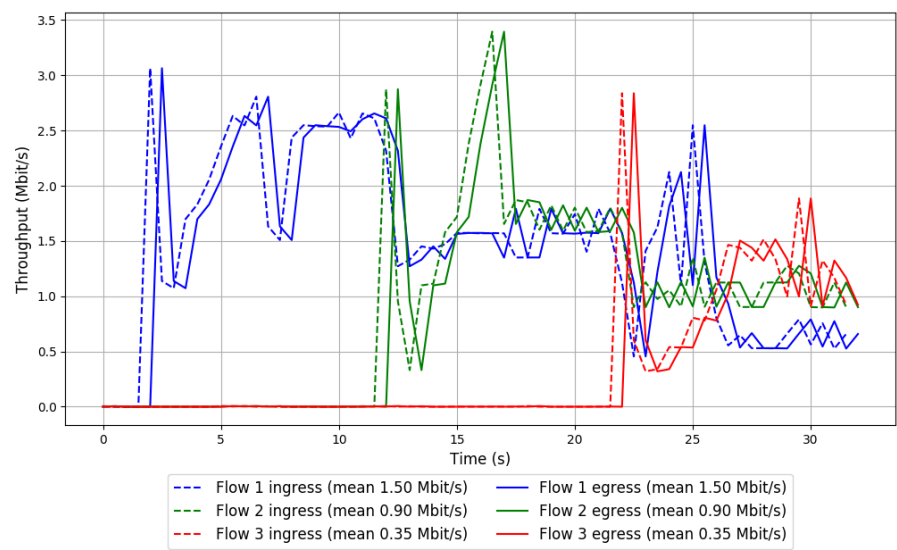


Run 4: Statistics of WebRTC media

Start at: 2018-07-25 08:48:31
End at: 2018-07-25 08:49:01
Local clock offset: -6.86 ms
Remote clock offset: -6.593 ms

```
# Below is generated by plot.py at 2018-07-25 11:12:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.74 Mbit/s
95th percentile per-packet one-way delay: 3.151 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: 3.106 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.90 Mbit/s
95th percentile per-packet one-way delay: 3.147 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 3.785 ms
Loss rate: 0.00%
```


Run 4: Report of WebRTC media — Data Link

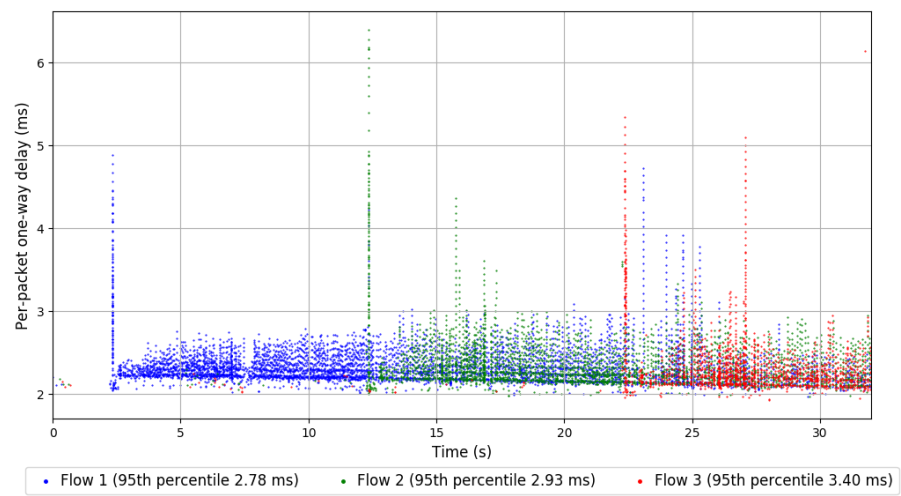
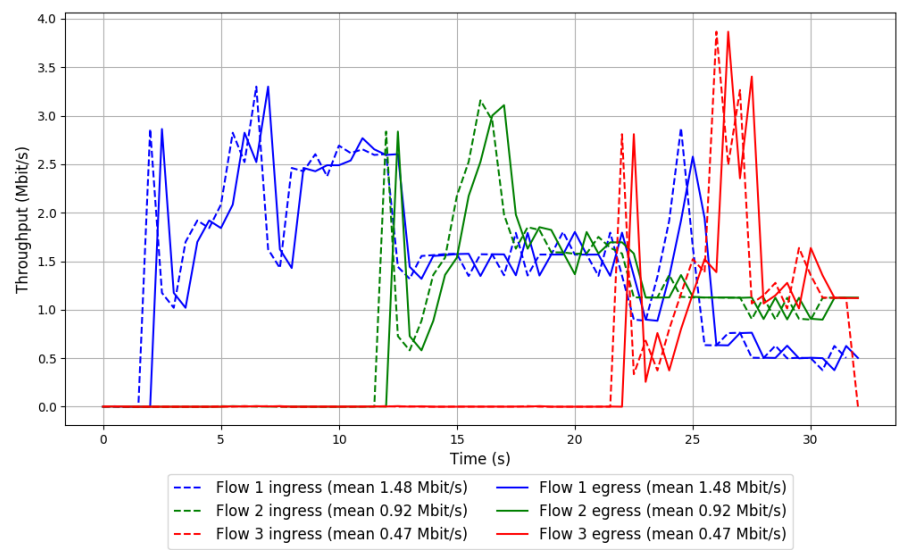


Run 5: Statistics of WebRTC media

Start at: 2018-07-25 09:07:41
End at: 2018-07-25 09:08:11
Local clock offset: -5.09 ms
Remote clock offset: -7.022 ms

Below is generated by plot.py at 2018-07-25 11:12:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.85 Mbit/s
95th percentile per-packet one-way delay: 2.917 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.48 Mbit/s
95th percentile per-packet one-way delay: 2.776 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.92 Mbit/s
95th percentile per-packet one-way delay: 2.932 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 3.401 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2018-07-25 09:26:52

End at: 2018-07-25 09:27:22

Local clock offset: -2.139 ms

Remote clock offset: -7.03 ms

Below is generated by plot.py at 2018-07-25 11:12:29

Datalink statistics

-- Total of 3 flows:

Average throughput: 2.81 Mbit/s

95th percentile per-packet one-way delay: 3.052 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.57 Mbit/s

95th percentile per-packet one-way delay: 2.978 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.81 Mbit/s

95th percentile per-packet one-way delay: 3.023 ms

Loss rate: 0.00%

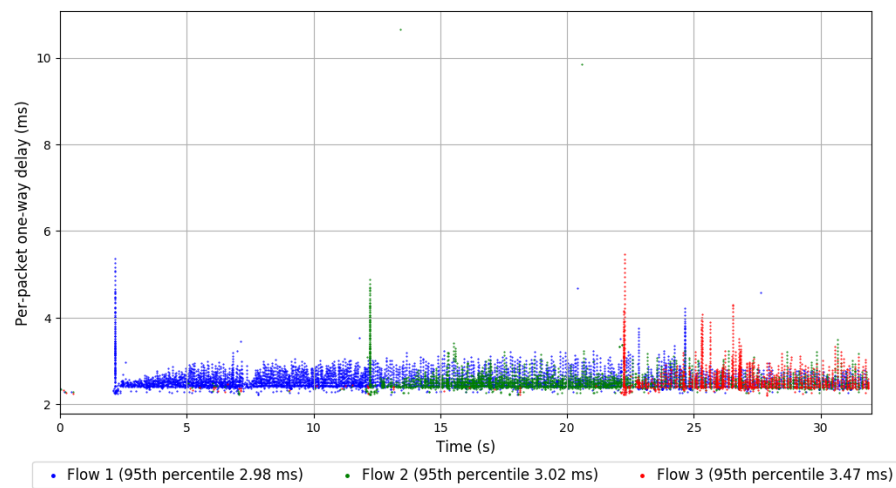
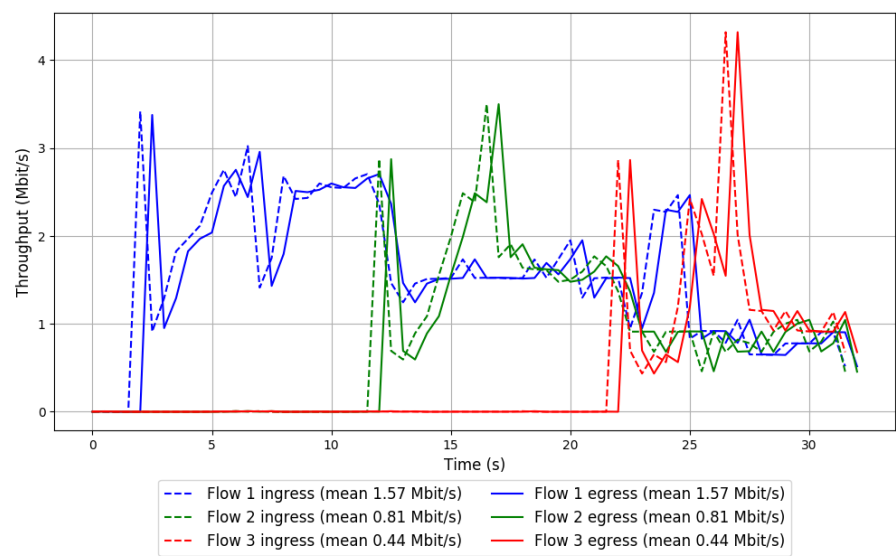
-- Flow 3:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 3.473 ms

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

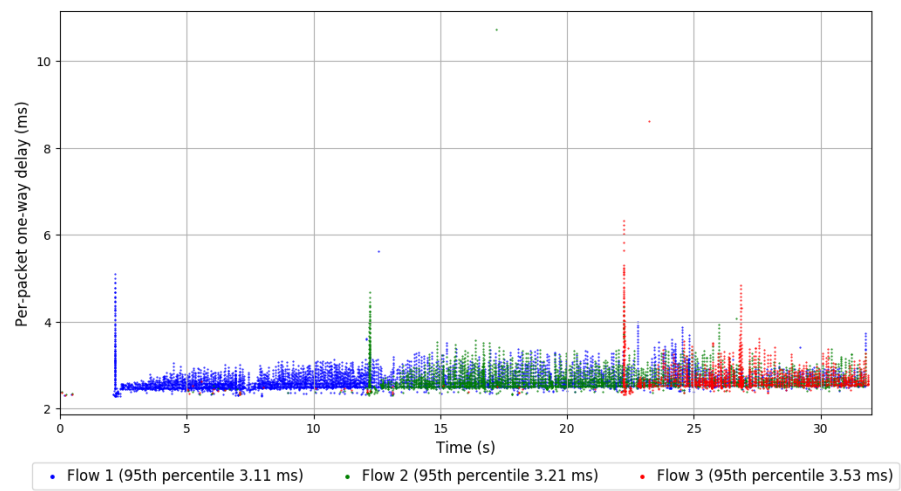
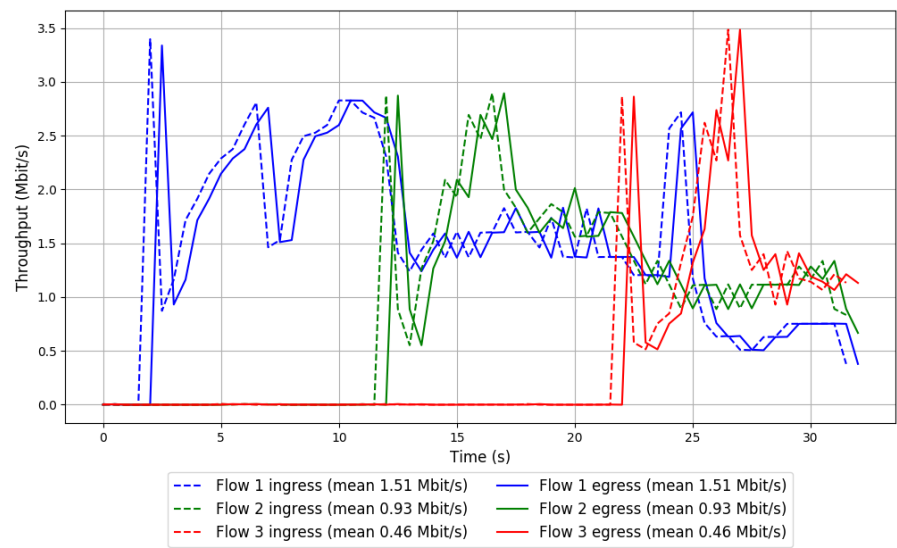


Run 7: Statistics of WebRTC media

Start at: 2018-07-25 09:46:02
End at: 2018-07-25 09:46:32
Local clock offset: -2.224 ms
Remote clock offset: -4.212 ms

Below is generated by plot.py at 2018-07-25 11:12:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.90 Mbit/s
95th percentile per-packet one-way delay: 3.205 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 1.51 Mbit/s
95th percentile per-packet one-way delay: 3.113 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.93 Mbit/s
95th percentile per-packet one-way delay: 3.205 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 3.529 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

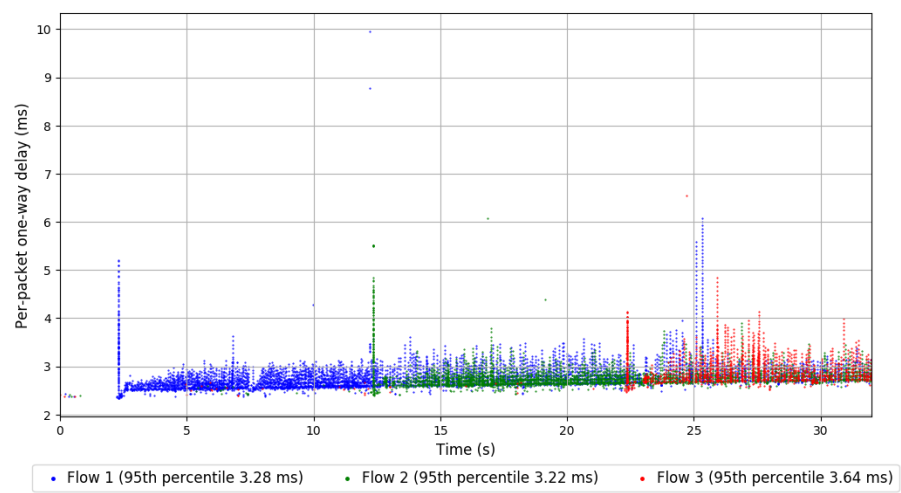
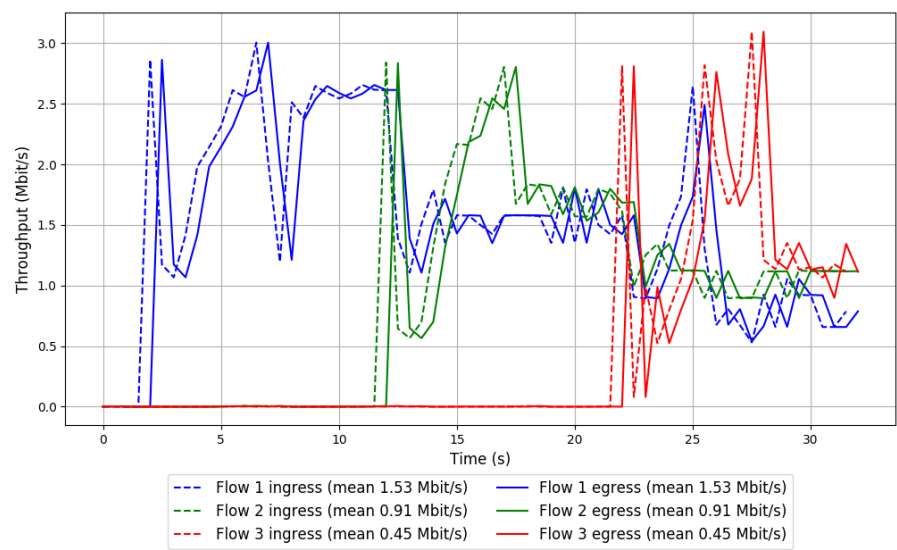


Run 8: Statistics of WebRTC media

Start at: 2018-07-25 10:05:13
End at: 2018-07-25 10:05:43
Local clock offset: -3.919 ms
Remote clock offset: -2.367 ms

Below is generated by plot.py at 2018-07-25 11:12:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.87 Mbit/s
95th percentile per-packet one-way delay: 3.363 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.53 Mbit/s
95th percentile per-packet one-way delay: 3.277 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.91 Mbit/s
95th percentile per-packet one-way delay: 3.218 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 3.640 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

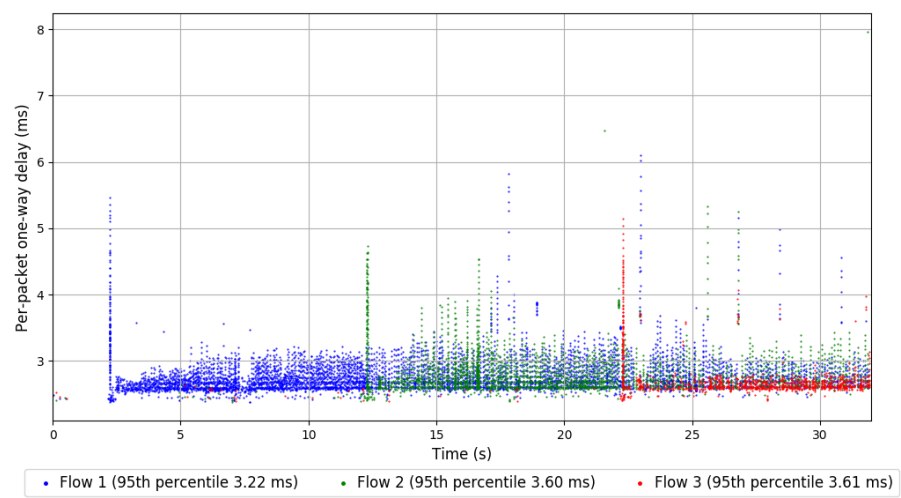
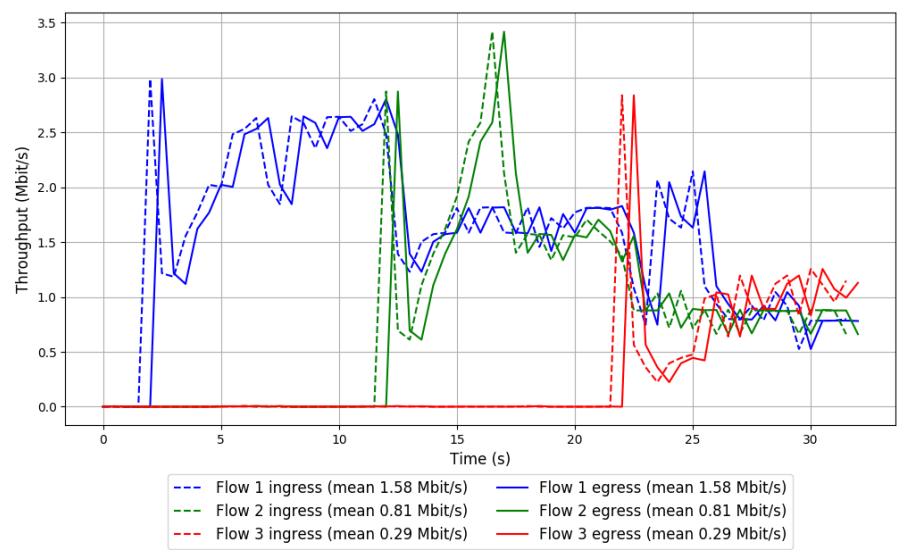


Run 9: Statistics of WebRTC media

Start at: 2018-07-25 10:24:24
End at: 2018-07-25 10:24:54
Local clock offset: -7.273 ms
Remote clock offset: -2.777 ms

Below is generated by plot.py at 2018-07-25 11:12:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.68 Mbit/s
95th percentile per-packet one-way delay: 3.371 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 1.58 Mbit/s
95th percentile per-packet one-way delay: 3.219 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 0.81 Mbit/s
95th percentile per-packet one-way delay: 3.600 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 3.609 ms
Loss rate: 0.11%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-07-25 10:43:30
End at: 2018-07-25 10:44:00
Local clock offset: -3.044 ms
Remote clock offset: -2.438 ms

Below is generated by plot.py at 2018-07-25 11:12:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.82 Mbit/s
95th percentile per-packet one-way delay: 4.078 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 1.57 Mbit/s
95th percentile per-packet one-way delay: 4.113 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.81 Mbit/s
95th percentile per-packet one-way delay: 4.015 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 4.092 ms
Loss rate: 0.01%

Run 10: Report of WebRTC media — Data Link

