

Pantheon Report

Generated at 2018-05-24 17:13:09 (UTC).

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

Repeated the test of 16 congestion control schemes 10 times.

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

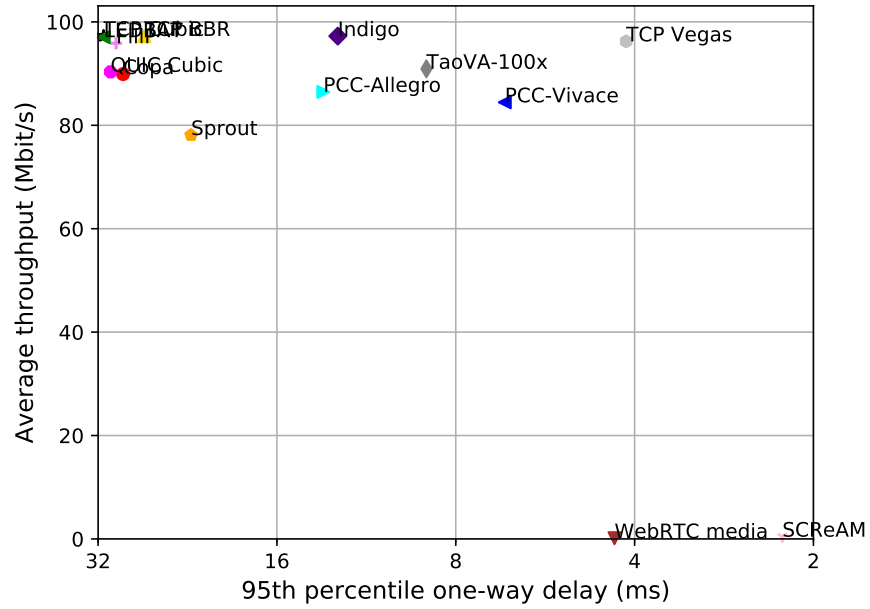
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

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

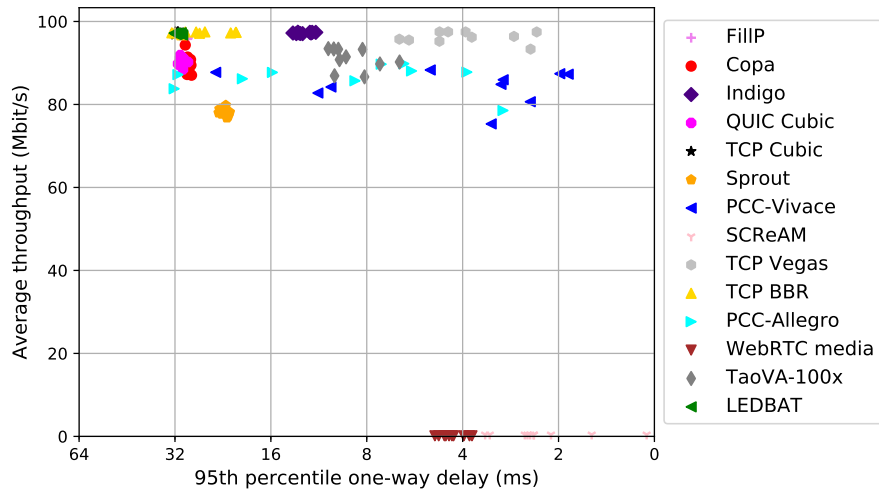
Git summary:

```
branch: master @ 0088822873ea99180f63545a341ef069f40efe59
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/genericCC @ c7966e494a929986eaa5a9c169a7f381fe1bbbe5
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quirk @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
third_party/sprout @ c838669682f0c19f6baf92afc9a596a406d48c1f
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

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



test from AWS Brazil 1 to Brazil, 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	69.51	29.94	23.52	26.61	24.78	29.41	0.21	0.13	0.73
Copa	10	53.60	39.08	30.89	28.56	29.40	29.51	0.01	0.02	0.15
TCP Cubic	10	64.37	34.78	29.44	31.07	31.32	31.45	0.04	0.08	0.15
FillP	10	51.92	48.14	36.08	29.52	29.20	29.36	11.76	21.03	25.02
Indigo	10	46.29	44.93	64.89	10.90	12.74	12.96	0.00	0.00	0.00
LEDBAT	10	63.38	36.36	28.74	31.19	30.99	31.20	0.03	0.10	0.11
PCC-Allegro	10	71.44	17.22	10.82	11.89	14.80	13.63	0.03	0.04	0.03
PCC-Expr	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
QUIC Cubic	10	57.90	34.67	28.57	30.21	30.44	30.08	0.17	0.22	0.32
SCReAM	10	0.22	0.22	0.22	2.26	1.68	1.52	0.00	0.00	0.00
Sprout	10	42.23	38.19	31.73	20.99	22.19	24.27	0.00	0.00	0.00
TaoVA-100x	10	55.92	34.72	35.72	8.59	8.97	12.43	0.02	0.07	0.35
TCP Vegas	10	50.98	43.53	48.90	4.47	3.20	3.68	0.00	0.00	0.00
Verus	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCC-Vivace	10	54.23	32.61	25.84	4.88	9.91	11.42	0.05	0.09	0.10
WebRTC media	10	0.05	0.05	0.05	3.88	4.34	4.52	0.00	0.00	0.00

Run 1: Statistics of TCP BBR

Start at: 2018-05-24 13:52:28

End at: 2018-05-24 13:52:58

Local clock offset: -5.02 ms

Remote clock offset: -2.39 ms

Below is generated by plot.py at 2018-05-24 16:53:44

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.46 Mbit/s

95th percentile per-packet one-way delay: 29.689 ms

Loss rate: 0.06%

-- Flow 1:

Average throughput: 69.66 Mbit/s

95th percentile per-packet one-way delay: 29.717 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 34.93 Mbit/s

95th percentile per-packet one-way delay: 28.954 ms

Loss rate: 0.06%

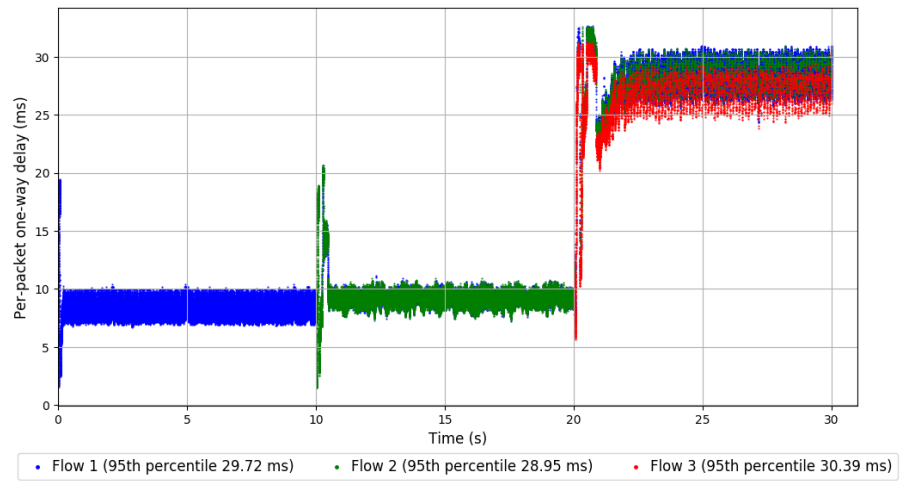
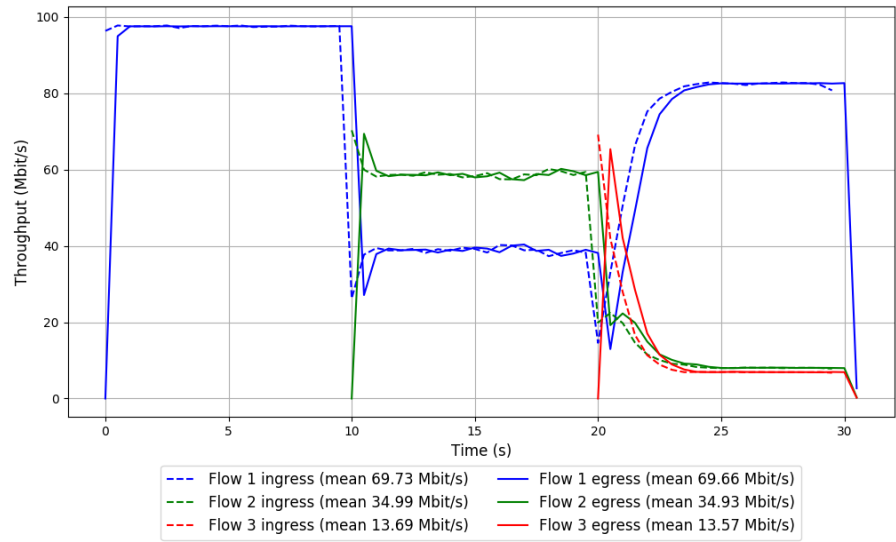
-- Flow 3:

Average throughput: 13.57 Mbit/s

95th percentile per-packet one-way delay: 30.385 ms

Loss rate: 0.75%

Run 1: Report of TCP BBR — Data Link

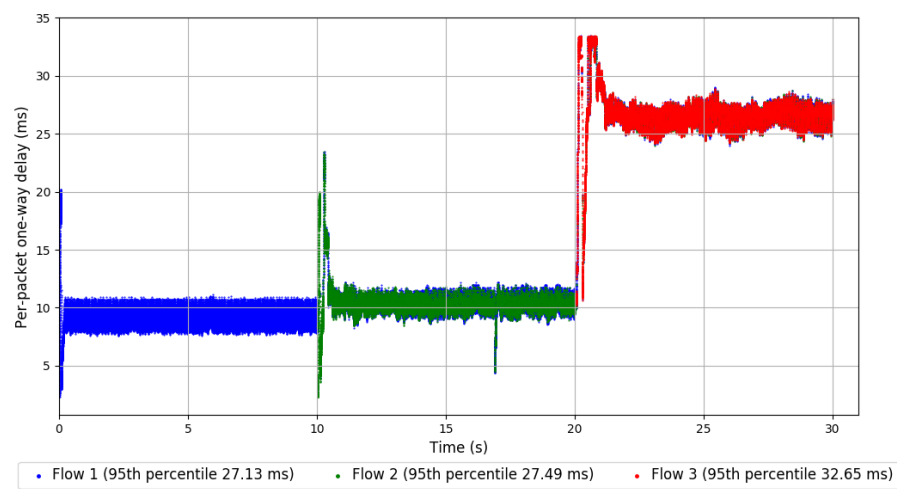
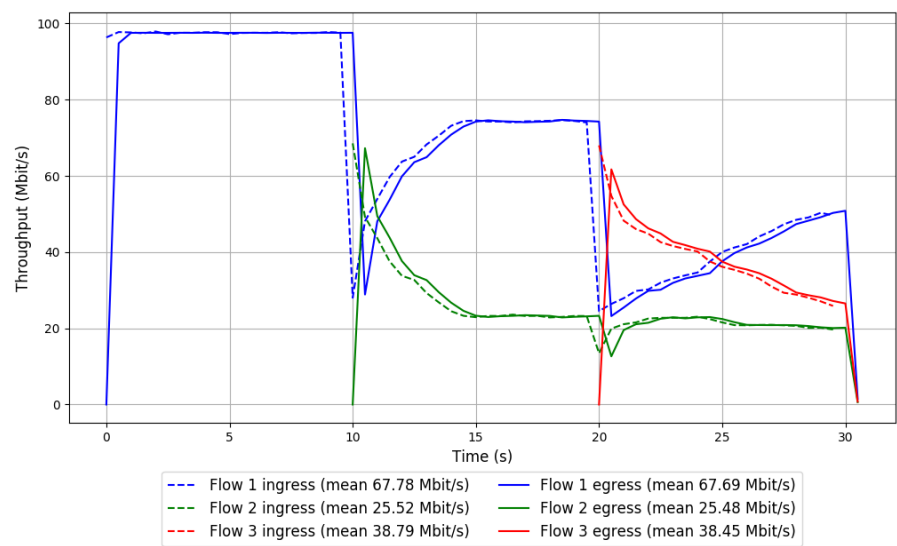


Run 2: Statistics of TCP BBR

Start at: 2018-05-24 14:10:19
End at: 2018-05-24 14:10:49
Local clock offset: -5.779 ms
Remote clock offset: -1.951 ms

Below is generated by plot.py at 2018-05-24 16:53:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 27.466 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 67.69 Mbit/s
95th percentile per-packet one-way delay: 27.130 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 25.48 Mbit/s
95th percentile per-packet one-way delay: 27.488 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 38.45 Mbit/s
95th percentile per-packet one-way delay: 32.646 ms
Loss rate: 0.72%

Run 2: Report of TCP BBR — Data Link

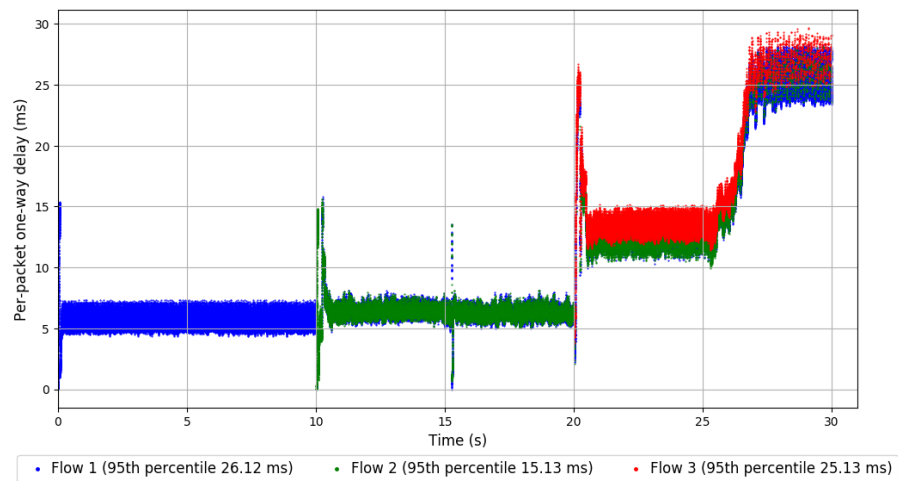
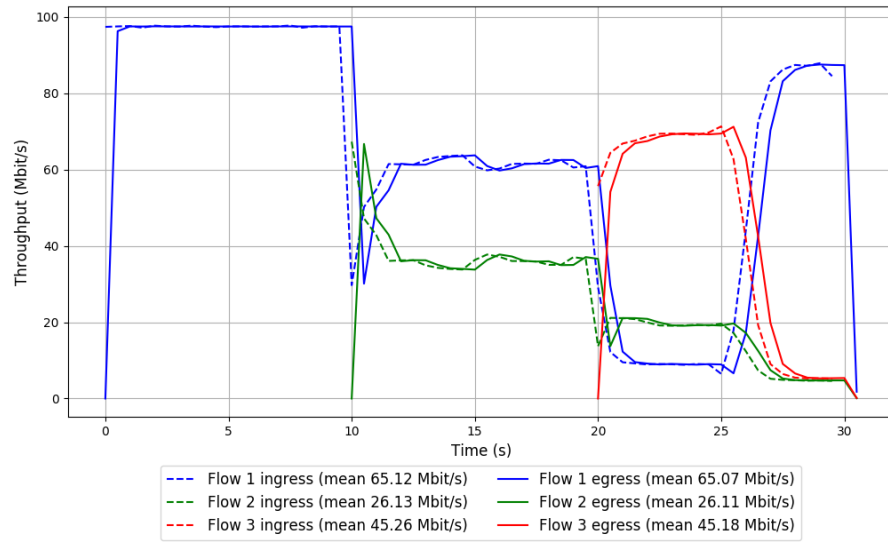


Run 3: Statistics of TCP BBR

Start at: 2018-05-24 14:28:11
End at: 2018-05-24 14:28:41
Local clock offset: -4.992 ms
Remote clock offset: -1.843 ms

Below is generated by plot.py at 2018-05-24 16:53:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 25.778 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 65.07 Mbit/s
95th percentile per-packet one-way delay: 26.119 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 26.11 Mbit/s
95th percentile per-packet one-way delay: 15.133 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 45.18 Mbit/s
95th percentile per-packet one-way delay: 25.134 ms
Loss rate: 0.00%

Run 3: Report of TCP BBR — Data Link

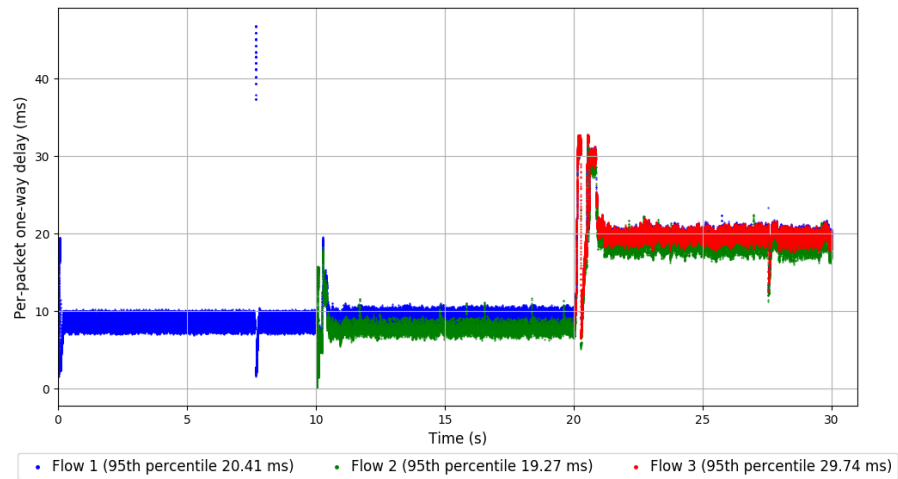
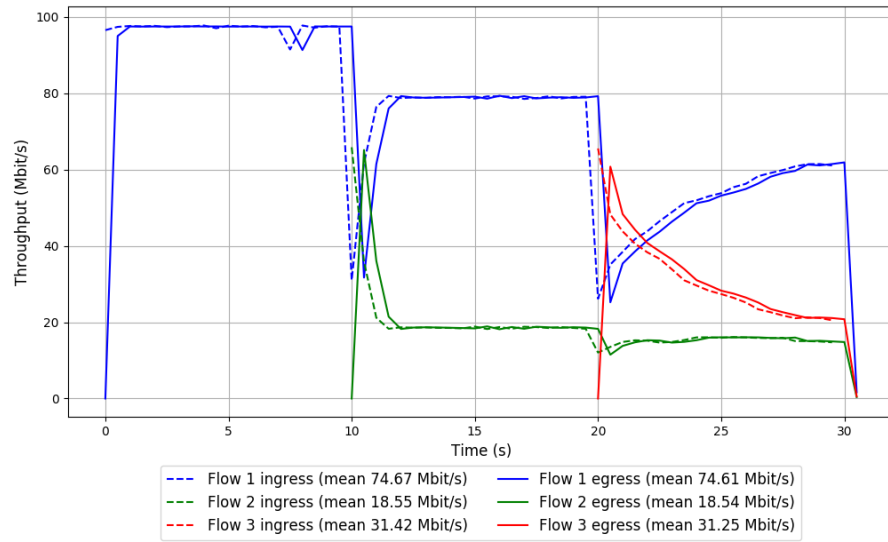


Run 4: Statistics of TCP BBR

Start at: 2018-05-24 14:46:03
End at: 2018-05-24 14:46:33
Local clock offset: -5.212 ms
Remote clock offset: -1.624 ms

Below is generated by plot.py at 2018-05-24 16:53:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.36 Mbit/s
95th percentile per-packet one-way delay: 20.575 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 74.61 Mbit/s
95th percentile per-packet one-way delay: 20.408 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 18.54 Mbit/s
95th percentile per-packet one-way delay: 19.267 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 31.25 Mbit/s
95th percentile per-packet one-way delay: 29.741 ms
Loss rate: 0.41%

Run 4: Report of TCP BBR — Data Link

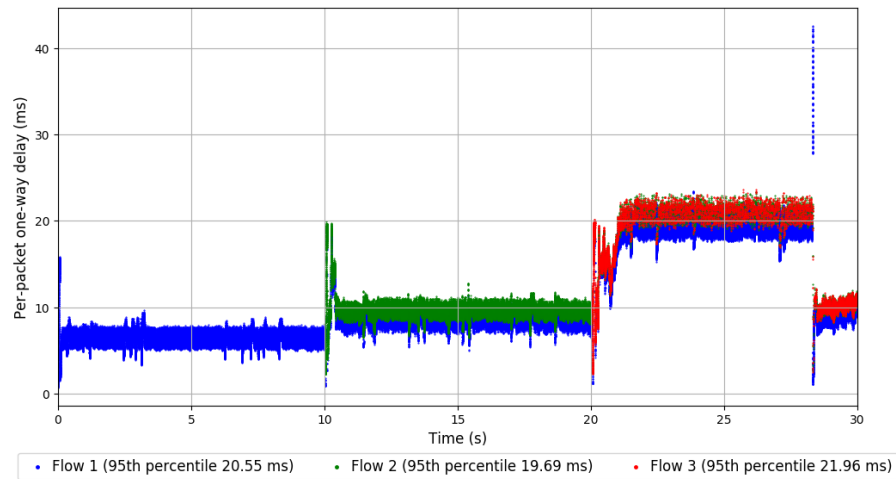
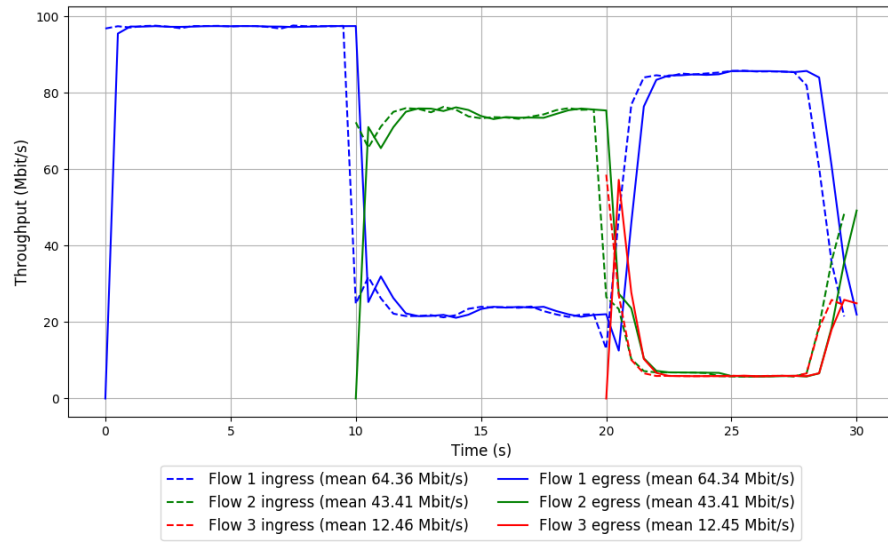


Run 5: Statistics of TCP BBR

Start at: 2018-05-24 15:03:55
End at: 2018-05-24 15:04:25
Local clock offset: -5.719 ms
Remote clock offset: -2.028 ms

Below is generated by plot.py at 2018-05-24 16:53:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.39 Mbit/s
95th percentile per-packet one-way delay: 20.619 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 64.34 Mbit/s
95th percentile per-packet one-way delay: 20.554 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 43.41 Mbit/s
95th percentile per-packet one-way delay: 19.689 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 12.45 Mbit/s
95th percentile per-packet one-way delay: 21.958 ms
Loss rate: 0.00%

Run 5: Report of TCP BBR — Data Link

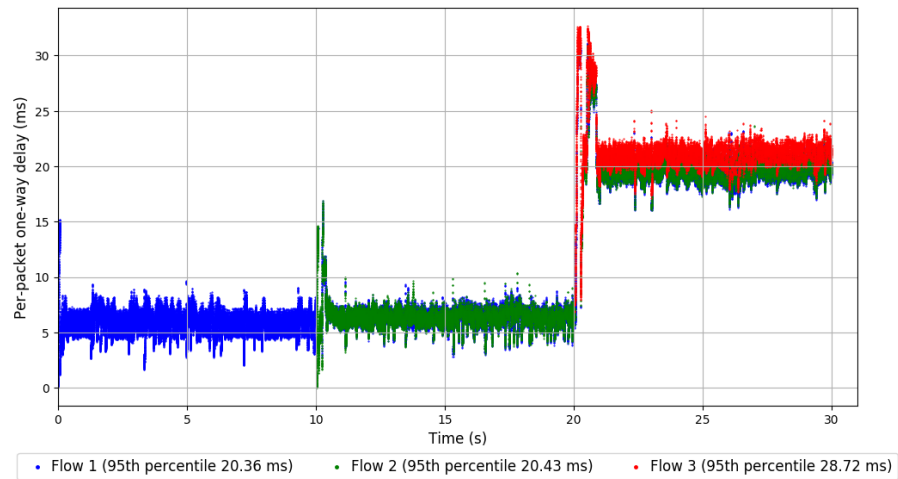
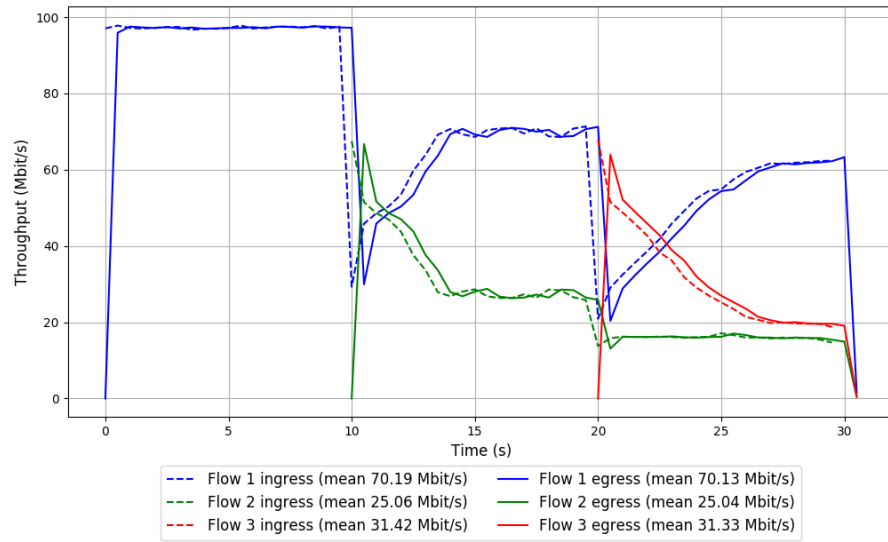


Run 6: Statistics of TCP BBR

Start at: 2018-05-24 15:21:46
End at: 2018-05-24 15:22:16
Local clock offset: -4.8 ms
Remote clock offset: -2.115 ms

Below is generated by plot.py at 2018-05-24 16:53:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.24 Mbit/s
95th percentile per-packet one-way delay: 21.395 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 70.13 Mbit/s
95th percentile per-packet one-way delay: 20.356 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 25.04 Mbit/s
95th percentile per-packet one-way delay: 20.434 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 31.33 Mbit/s
95th percentile per-packet one-way delay: 28.721 ms
Loss rate: 0.17%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: 2018-05-24 15:39:38

End at: 2018-05-24 15:40:08

Local clock offset: -5.112 ms

Remote clock offset: 5.702 ms

Below is generated by plot.py at 2018-05-24 16:53:44

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.23 Mbit/s

95th percentile per-packet one-way delay: 32.069 ms

Loss rate: 1.07%

-- Flow 1:

Average throughput: 65.88 Mbit/s

95th percentile per-packet one-way delay: 32.075 ms

Loss rate: 0.99%

-- Flow 2:

Average throughput: 40.63 Mbit/s

95th percentile per-packet one-way delay: 32.091 ms

Loss rate: 0.94%

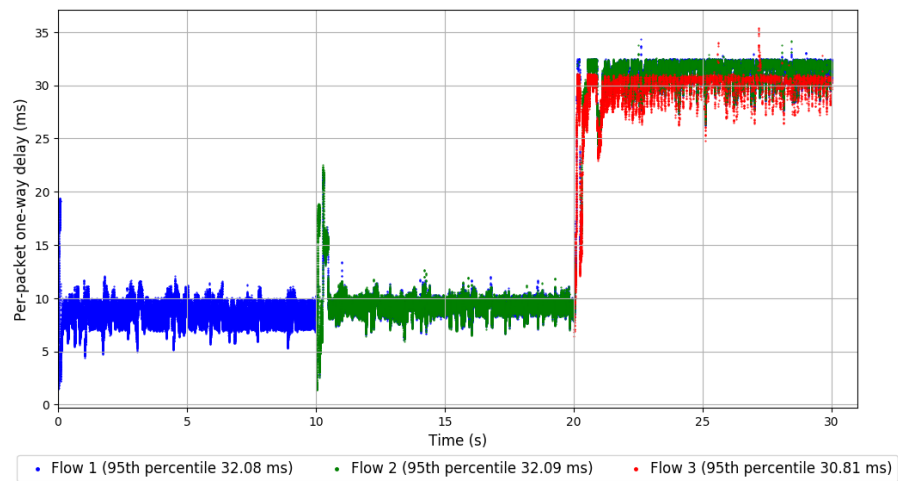
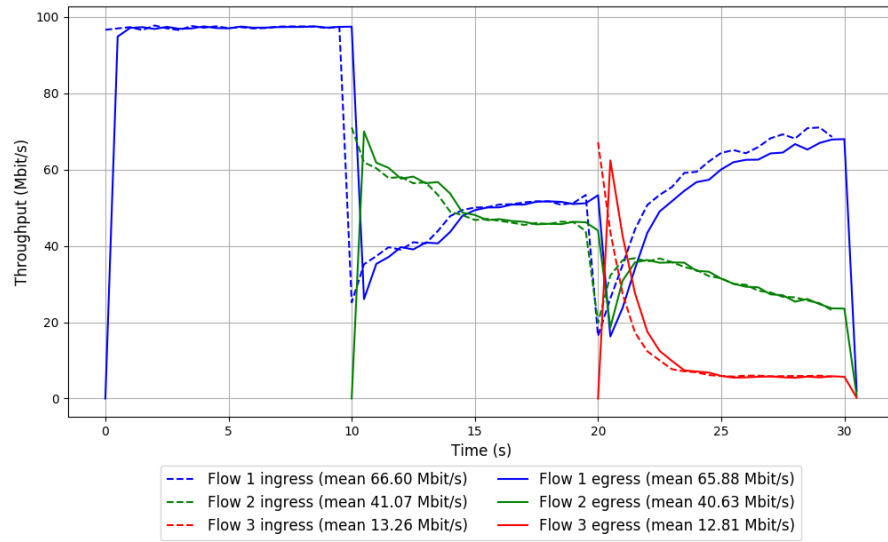
-- Flow 3:

Average throughput: 12.81 Mbit/s

95th percentile per-packet one-way delay: 30.807 ms

Loss rate: 3.18%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-05-24 15:57:31

End at: 2018-05-24 15:58:01

Local clock offset: -5.949 ms

Remote clock offset: 9.675 ms

Below is generated by plot.py at 2018-05-24 16:53:44

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.16 Mbit/s

95th percentile per-packet one-way delay: 26.788 ms

Loss rate: 0.11%

-- Flow 1:

Average throughput: 70.76 Mbit/s

95th percentile per-packet one-way delay: 26.503 ms

Loss rate: 0.06%

-- Flow 2:

Average throughput: 23.93 Mbit/s

95th percentile per-packet one-way delay: 26.673 ms

Loss rate: 0.04%

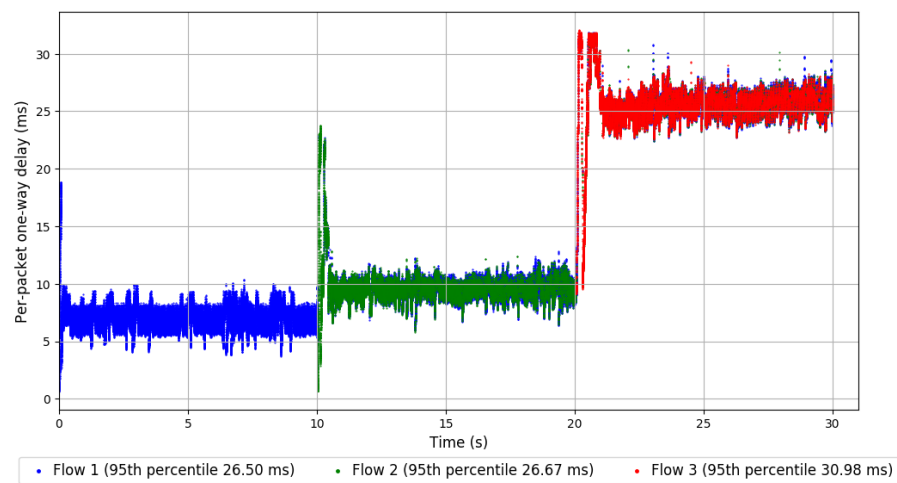
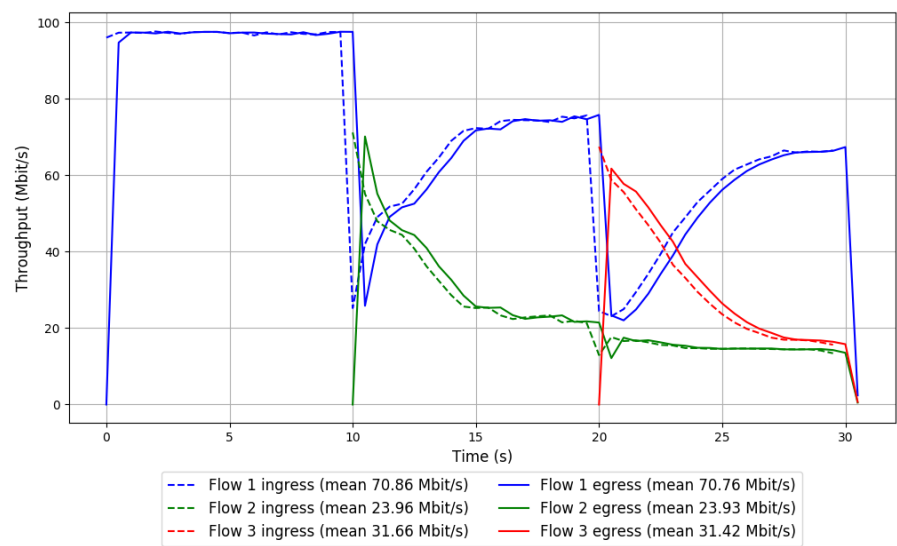
-- Flow 3:

Average throughput: 31.42 Mbit/s

95th percentile per-packet one-way delay: 30.982 ms

Loss rate: 0.60%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2018-05-24 16:15:23

End at: 2018-05-24 16:15:53

Local clock offset: -5.978 ms

Remote clock offset: 7.624 ms

Below is generated by plot.py at 2018-05-24 16:54:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.79 Mbit/s

95th percentile per-packet one-way delay: 30.429 ms

Loss rate: 0.17%

-- Flow 1:

Average throughput: 74.35 Mbit/s

95th percentile per-packet one-way delay: 30.413 ms

Loss rate: 0.18%

-- Flow 2:

Average throughput: 28.45 Mbit/s

95th percentile per-packet one-way delay: 28.071 ms

Loss rate: 0.05%

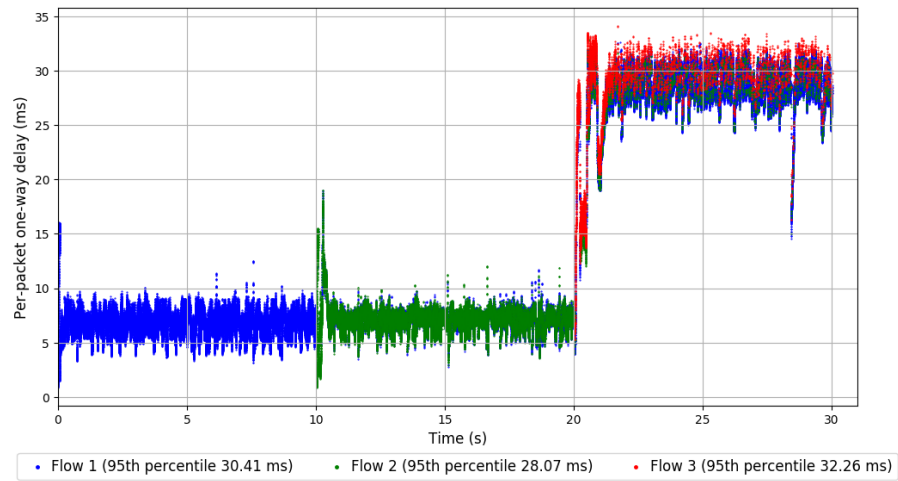
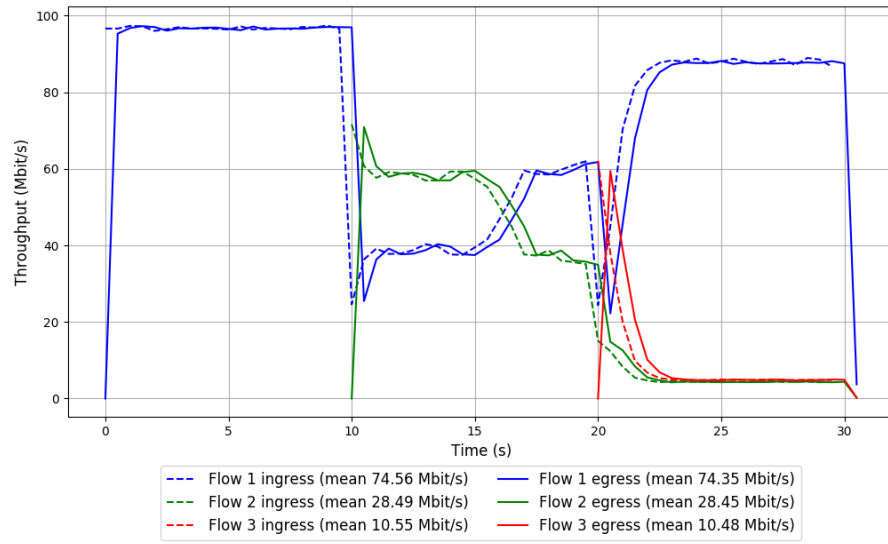
-- Flow 3:

Average throughput: 10.48 Mbit/s

95th percentile per-packet one-way delay: 32.259 ms

Loss rate: 0.42%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2018-05-24 16:33:15

End at: 2018-05-24 16:33:45

Local clock offset: -6.113 ms

Remote clock offset: 8.393 ms

Below is generated by plot.py at 2018-05-24 16:54:41

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.26 Mbit/s

95th percentile per-packet one-way delay: 32.734 ms

Loss rate: 0.67%

-- Flow 1:

Average throughput: 72.63 Mbit/s

95th percentile per-packet one-way delay: 32.838 ms

Loss rate: 0.82%

-- Flow 2:

Average throughput: 32.87 Mbit/s

95th percentile per-packet one-way delay: 30.005 ms

Loss rate: 0.13%

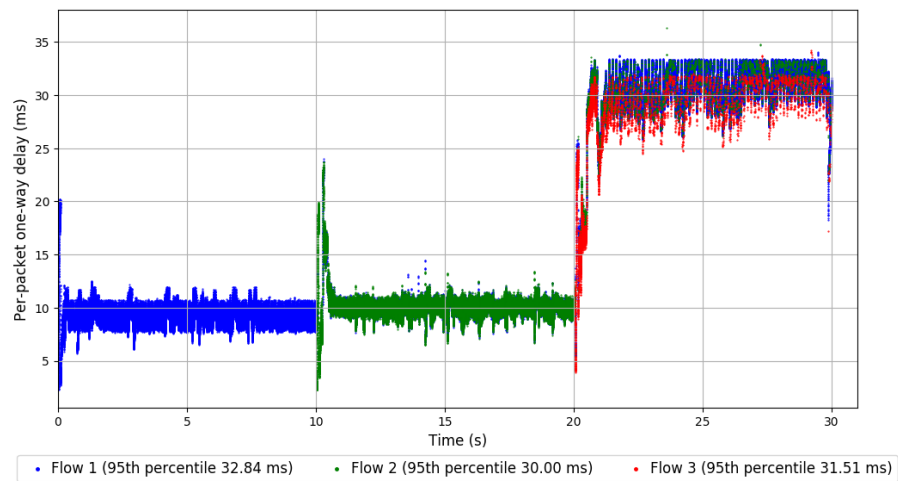
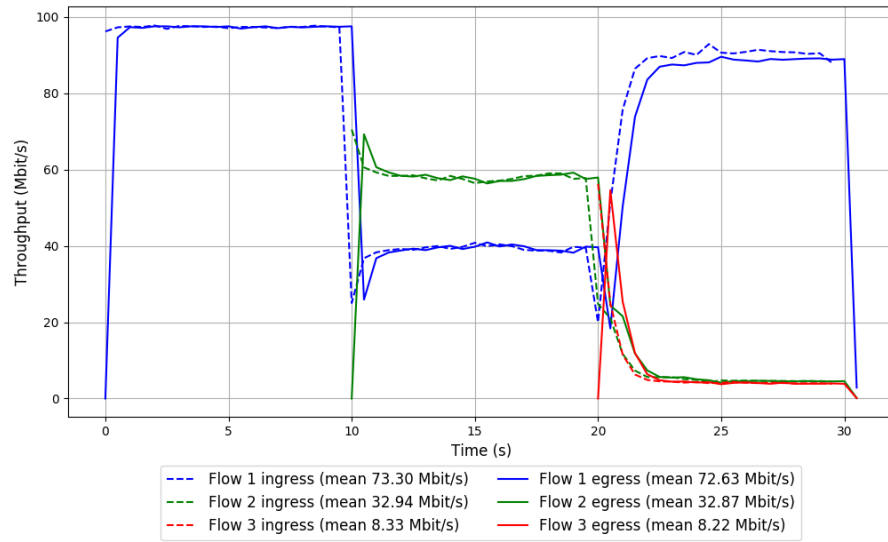
-- Flow 3:

Average throughput: 8.22 Mbit/s

95th percentile per-packet one-way delay: 31.508 ms

Loss rate: 1.10%

Run 10: Report of TCP BBR — Data Link

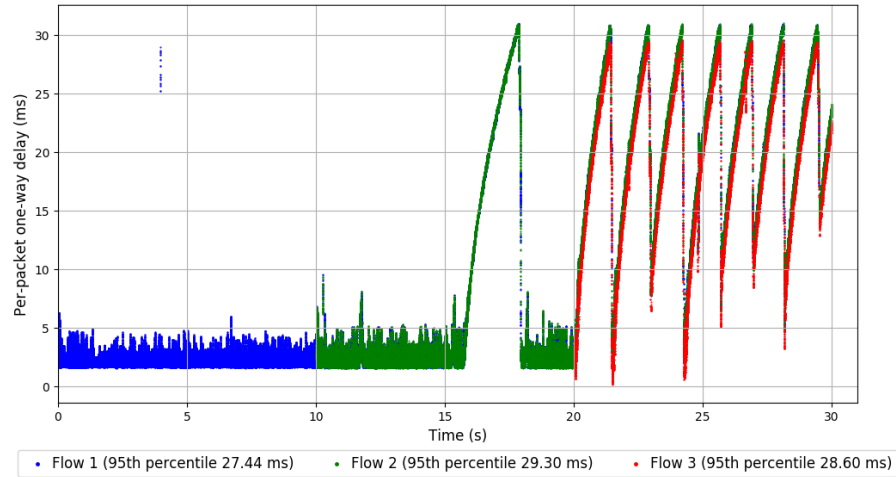
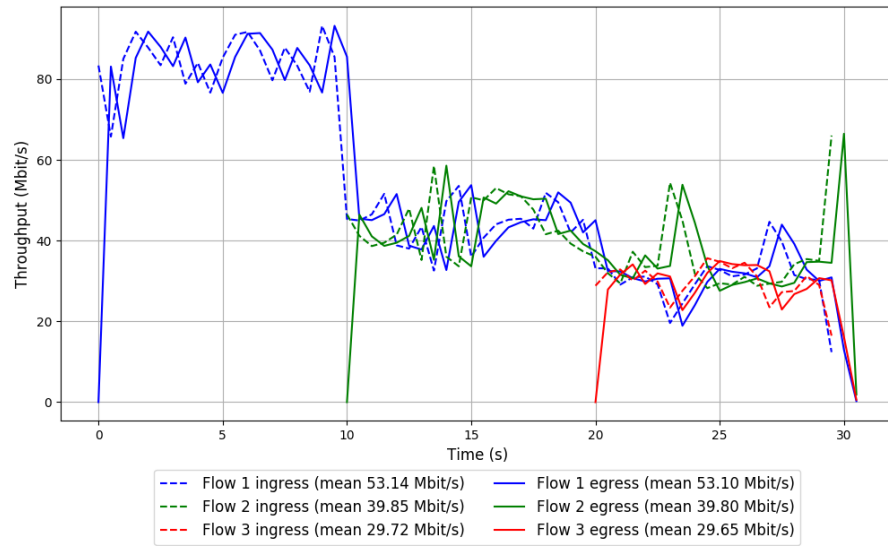


Run 1: Statistics of Copa

Start at: 2018-05-24 13:55:53
End at: 2018-05-24 13:56:23
Local clock offset: -5.07 ms
Remote clock offset: -2.248 ms

Below is generated by plot.py at 2018-05-24 16:55:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.48 Mbit/s
95th percentile per-packet one-way delay: 28.508 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 53.10 Mbit/s
95th percentile per-packet one-way delay: 27.443 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 39.80 Mbit/s
95th percentile per-packet one-way delay: 29.298 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 29.65 Mbit/s
95th percentile per-packet one-way delay: 28.599 ms
Loss rate: 0.03%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2018-05-24 14:13:45

End at: 2018-05-24 14:14:15

Local clock offset: -5.705 ms

Remote clock offset: -1.92 ms

Below is generated by plot.py at 2018-05-24 16:55:46

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.32 Mbit/s

95th percentile per-packet one-way delay: 29.707 ms

Loss rate: 0.13%

-- Flow 1:

Average throughput: 56.44 Mbit/s

95th percentile per-packet one-way delay: 29.044 ms

Loss rate: 0.02%

-- Flow 2:

Average throughput: 41.12 Mbit/s

95th percentile per-packet one-way delay: 30.446 ms

Loss rate: 0.01%

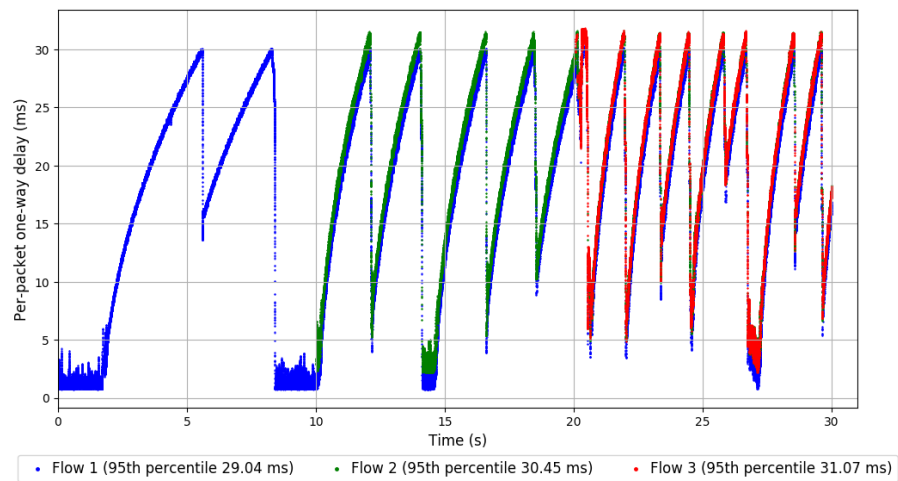
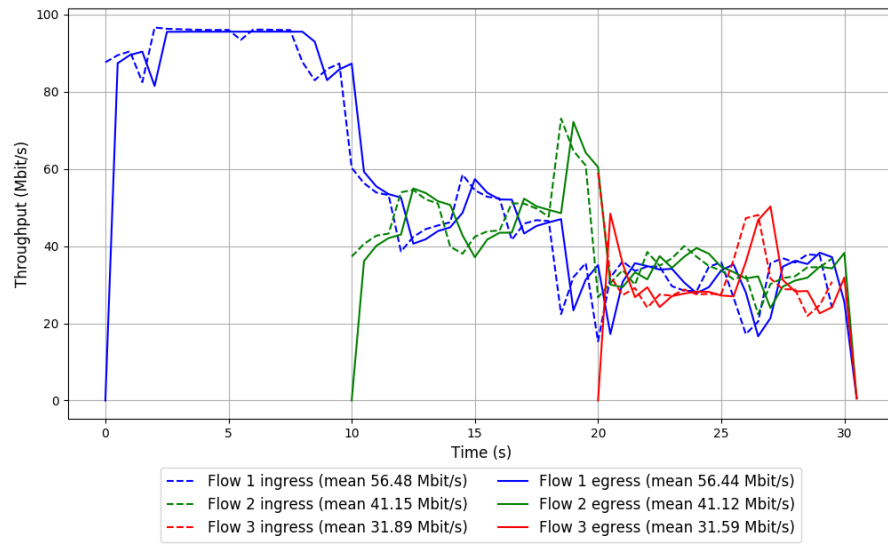
-- Flow 3:

Average throughput: 31.59 Mbit/s

95th percentile per-packet one-way delay: 31.067 ms

Loss rate: 1.06%

Run 2: Report of Copa — Data Link

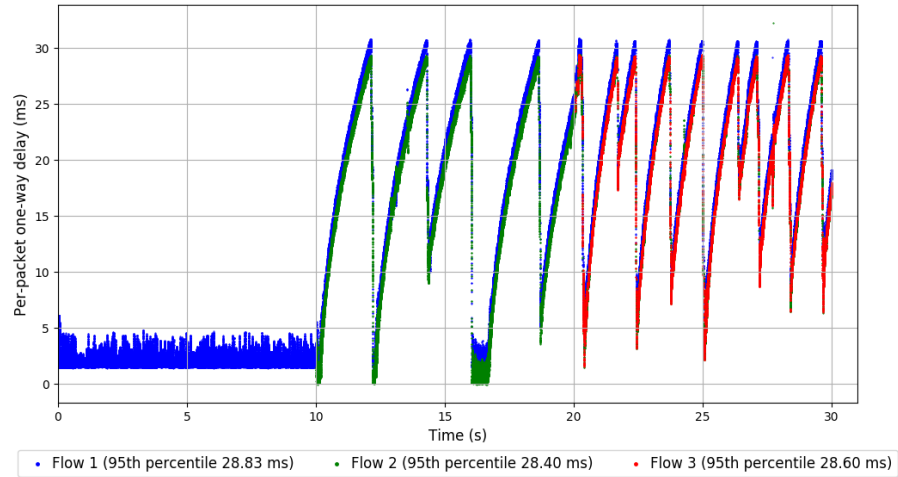
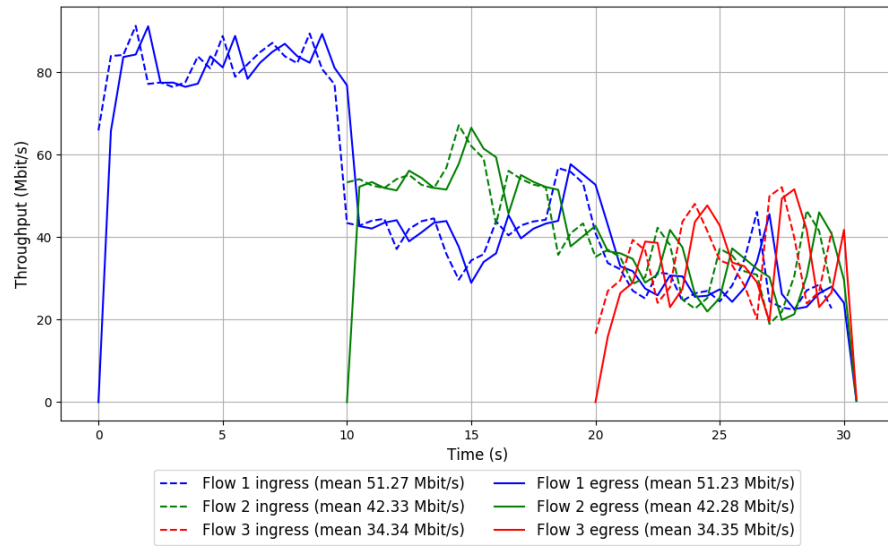


Run 3: Statistics of Copa

Start at: 2018-05-24 14:31:37
End at: 2018-05-24 14:32:07
Local clock offset: -5.039 ms
Remote clock offset: -1.802 ms

Below is generated by plot.py at 2018-05-24 16:55:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.82 Mbit/s
95th percentile per-packet one-way delay: 28.595 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 51.23 Mbit/s
95th percentile per-packet one-way delay: 28.831 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 42.28 Mbit/s
95th percentile per-packet one-way delay: 28.396 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 34.35 Mbit/s
95th percentile per-packet one-way delay: 28.602 ms
Loss rate: 0.03%

Run 3: Report of Copa — Data Link

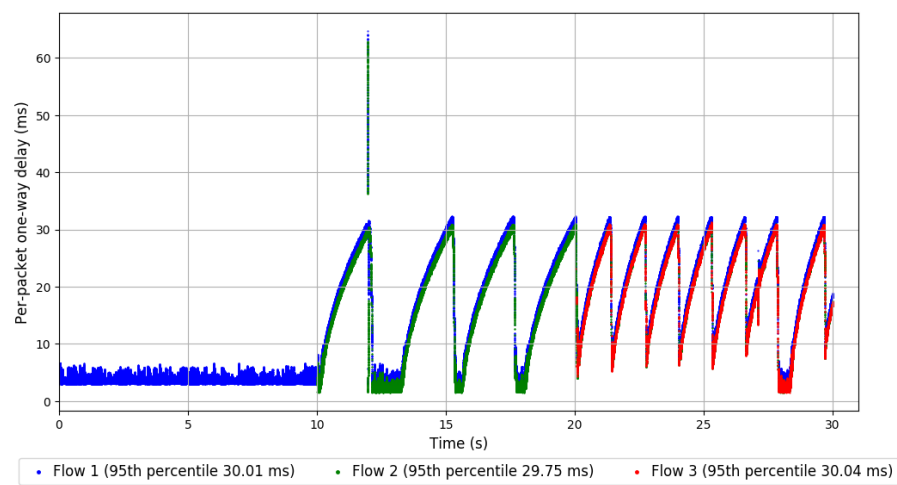
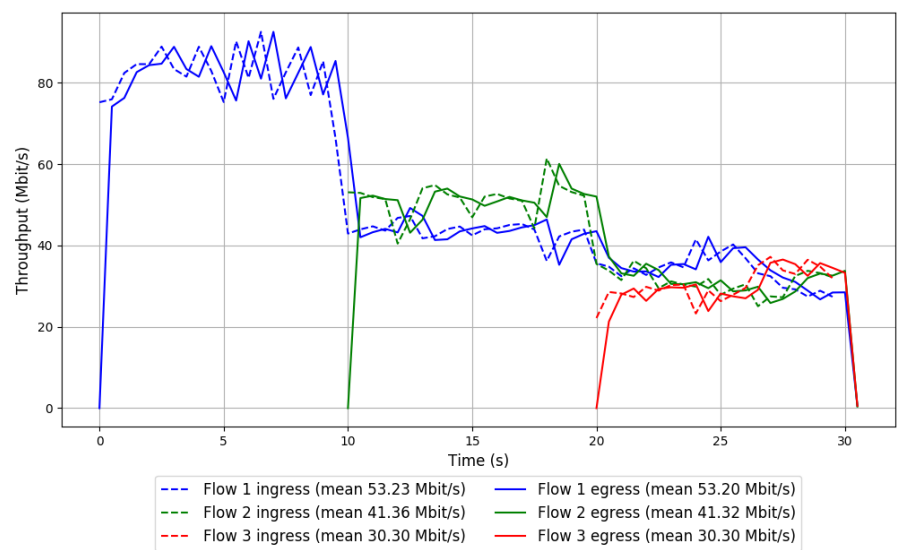


Run 4: Statistics of Copa

Start at: 2018-05-24 14:49:29
End at: 2018-05-24 14:49:59
Local clock offset: -6.738 ms
Remote clock offset: -1.675 ms

Below is generated by plot.py at 2018-05-24 16:55:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.81 Mbit/s
95th percentile per-packet one-way delay: 29.930 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 53.20 Mbit/s
95th percentile per-packet one-way delay: 30.006 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.32 Mbit/s
95th percentile per-packet one-way delay: 29.745 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 30.30 Mbit/s
95th percentile per-packet one-way delay: 30.044 ms
Loss rate: 0.03%

Run 4: Report of Copa — Data Link

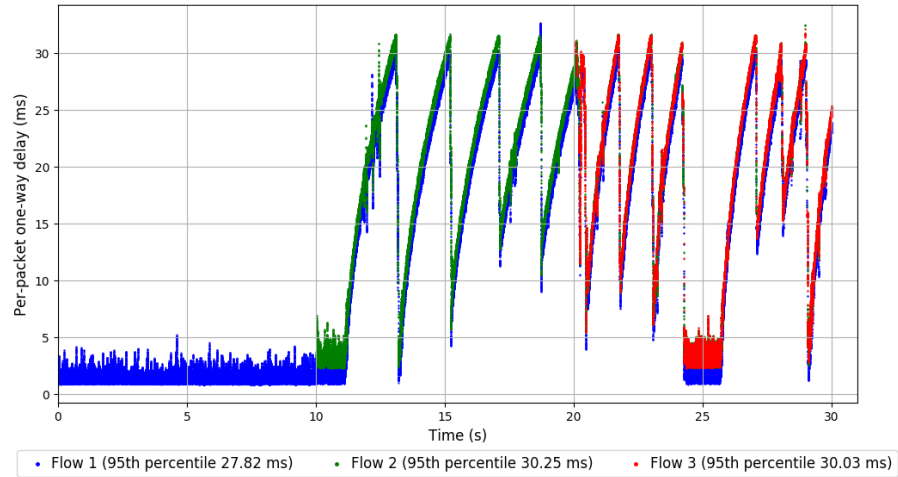
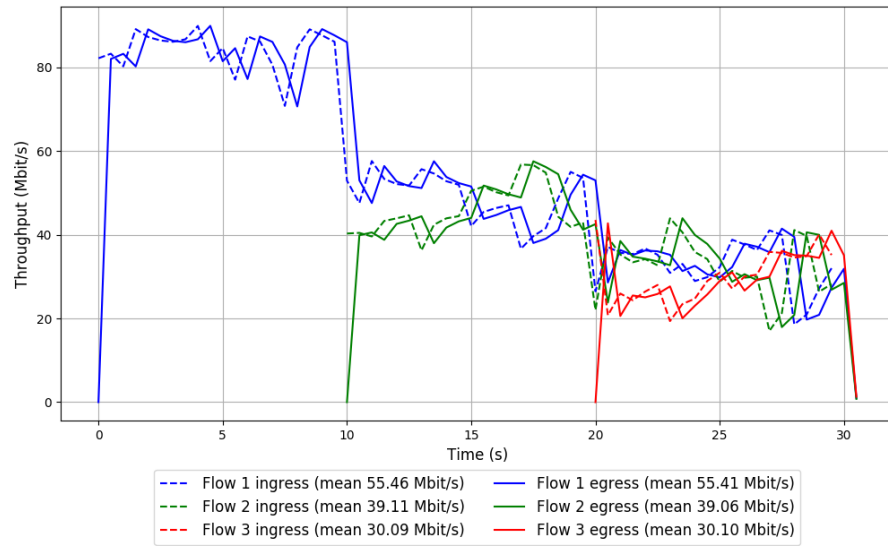


Run 5: Statistics of Copa

Start at: 2018-05-24 15:07:20
End at: 2018-05-24 15:07:50
Local clock offset: -5.671 ms
Remote clock offset: -1.999 ms

Below is generated by plot.py at 2018-05-24 16:55:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.43 Mbit/s
95th percentile per-packet one-way delay: 29.213 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 55.41 Mbit/s
95th percentile per-packet one-way delay: 27.815 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 39.06 Mbit/s
95th percentile per-packet one-way delay: 30.249 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 30.10 Mbit/s
95th percentile per-packet one-way delay: 30.031 ms
Loss rate: 0.03%

Run 5: Report of Copa — Data Link

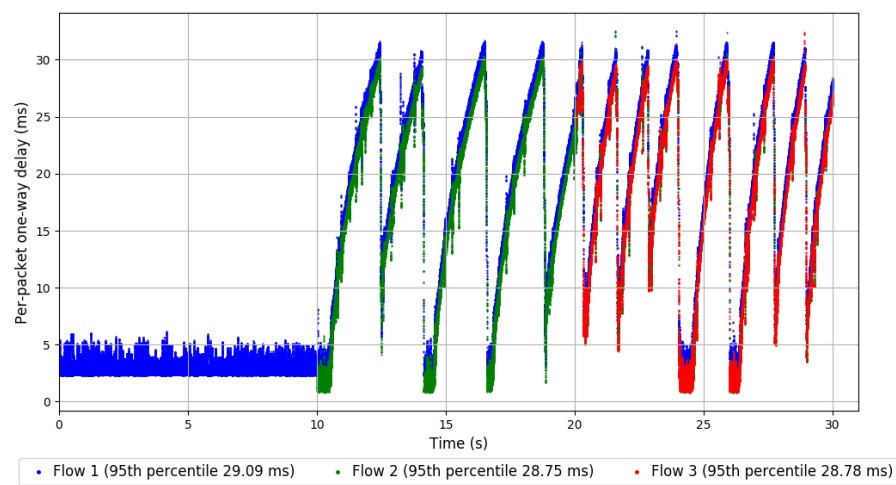
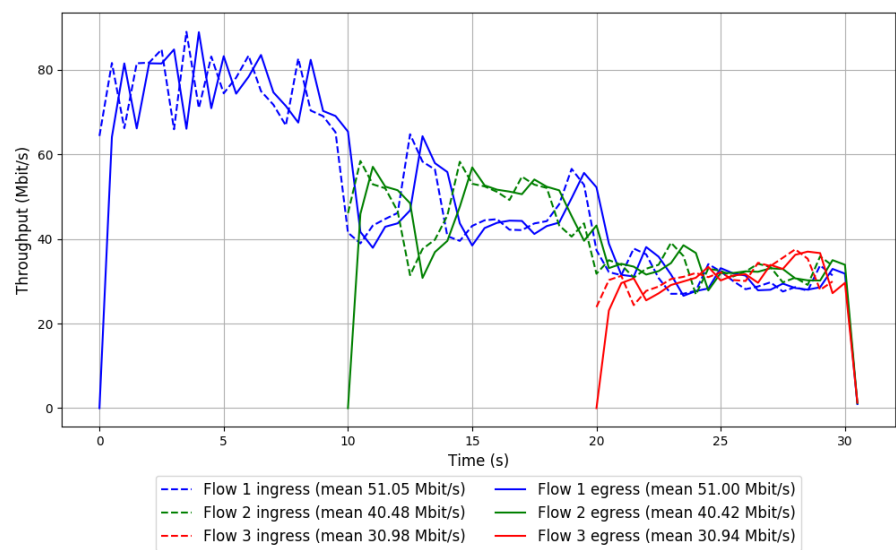


Run 6: Statistics of Copa

Start at: 2018-05-24 15:25:12
End at: 2018-05-24 15:25:42
Local clock offset: -5.608 ms
Remote clock offset: -2.121 ms

Below is generated by plot.py at 2018-05-24 16:55:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.22 Mbit/s
95th percentile per-packet one-way delay: 28.946 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 51.00 Mbit/s
95th percentile per-packet one-way delay: 29.093 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 40.42 Mbit/s
95th percentile per-packet one-way delay: 28.752 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 30.94 Mbit/s
95th percentile per-packet one-way delay: 28.781 ms
Loss rate: 0.10%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2018-05-24 15:43:04

End at: 2018-05-24 15:43:34

Local clock offset: -5.895 ms

Remote clock offset: 6.745 ms

Below is generated by plot.py at 2018-05-24 16:56:54

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.47 Mbit/s

95th percentile per-packet one-way delay: 29.106 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 56.37 Mbit/s

95th percentile per-packet one-way delay: 28.507 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 36.81 Mbit/s

95th percentile per-packet one-way delay: 29.927 ms

Loss rate: 0.02%

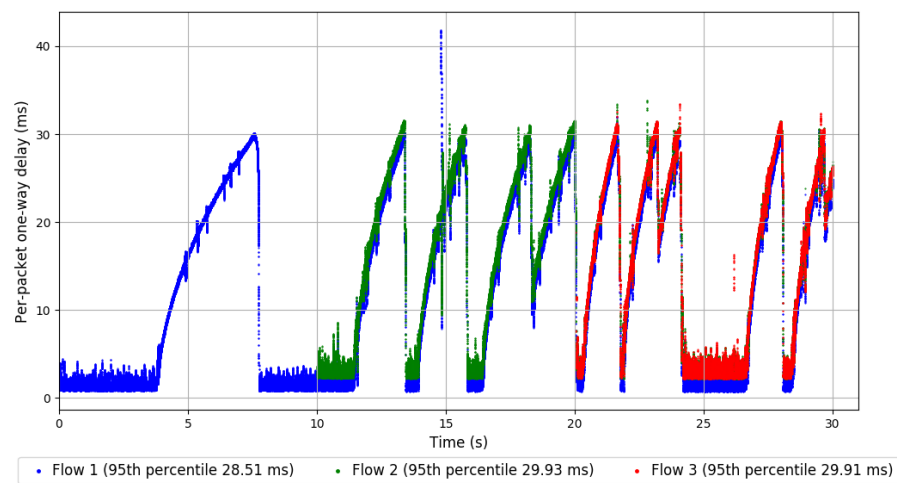
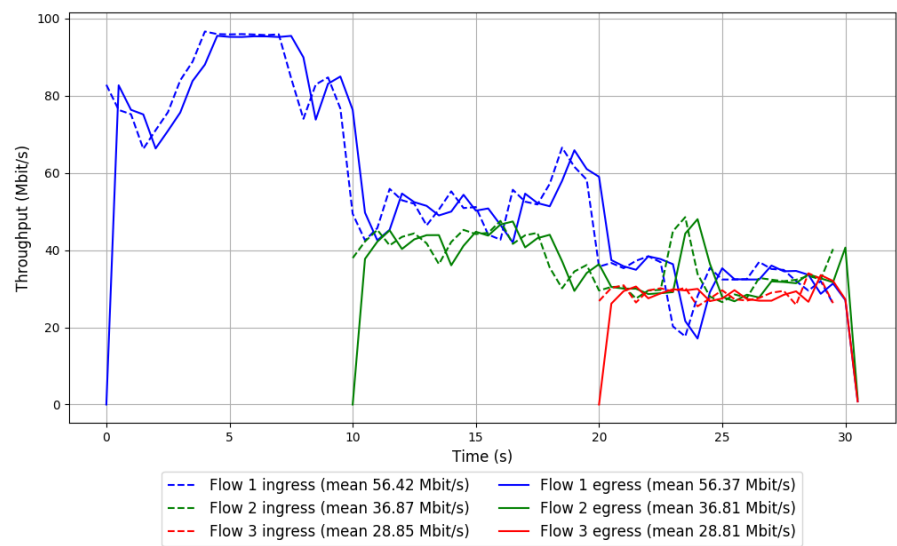
-- Flow 3:

Average throughput: 28.81 Mbit/s

95th percentile per-packet one-way delay: 29.911 ms

Loss rate: 0.05%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: 2018-05-24 16:00:57

End at: 2018-05-24 16:01:27

Local clock offset: -5.951 ms

Remote clock offset: 9.789 ms

Below is generated by plot.py at 2018-05-24 16:56:54

Datalink statistics

-- Total of 3 flows:

Average throughput: 89.27 Mbit/s

95th percentile per-packet one-way delay: 28.784 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 52.84 Mbit/s

95th percentile per-packet one-way delay: 27.966 ms

Loss rate: 0.02%

-- Flow 2:

Average throughput: 37.06 Mbit/s

95th percentile per-packet one-way delay: 28.884 ms

Loss rate: 0.03%

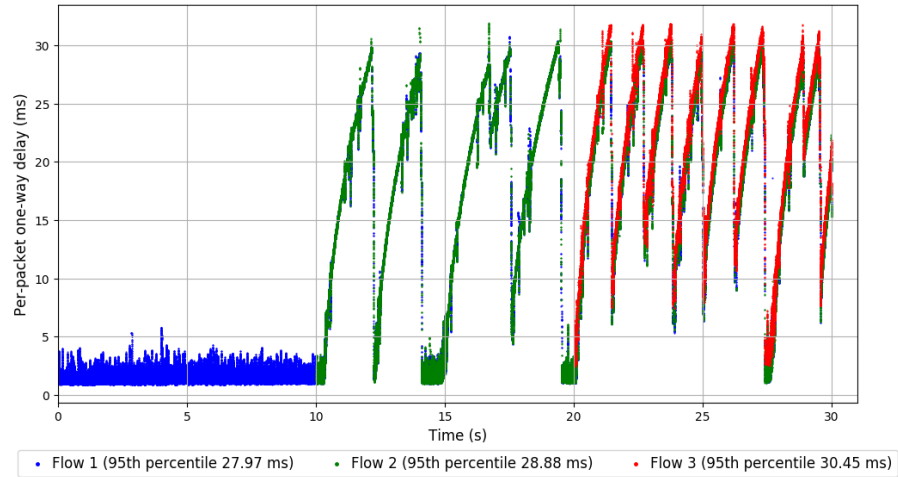
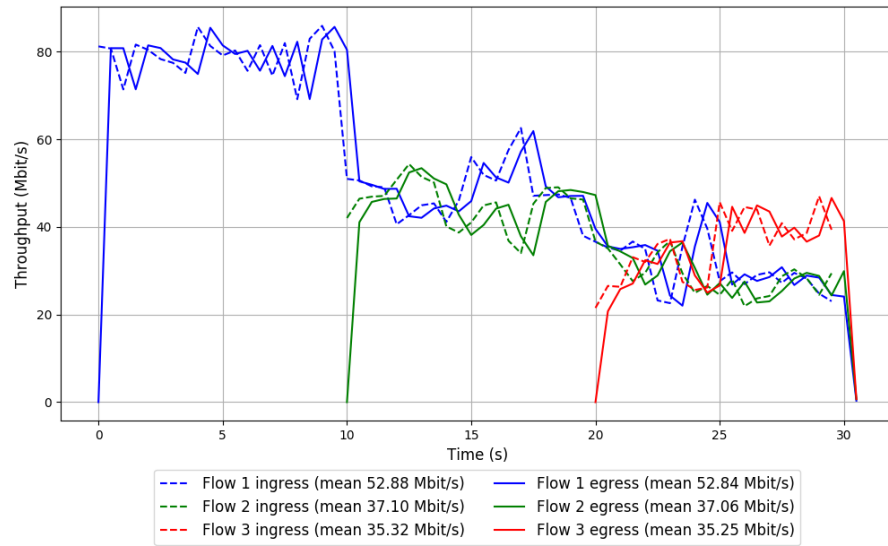
-- Flow 3:

Average throughput: 35.25 Mbit/s

95th percentile per-packet one-way delay: 30.445 ms

Loss rate: 0.03%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2018-05-24 16:18:49

End at: 2018-05-24 16:19:19

Local clock offset: -5.223 ms

Remote clock offset: 7.632 ms

Below is generated by plot.py at 2018-05-24 16:57:35

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.05 Mbit/s

95th percentile per-packet one-way delay: 28.395 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 53.27 Mbit/s

95th percentile per-packet one-way delay: 28.623 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 37.23 Mbit/s

95th percentile per-packet one-way delay: 28.183 ms

Loss rate: 0.02%

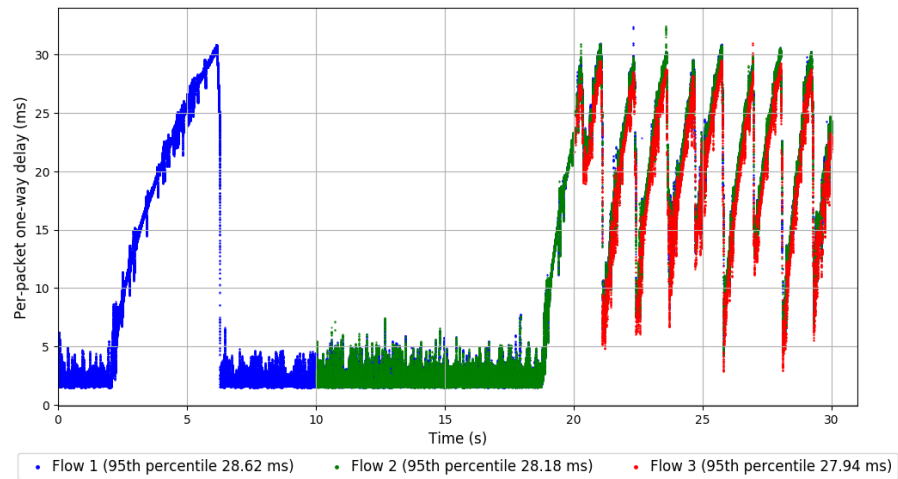
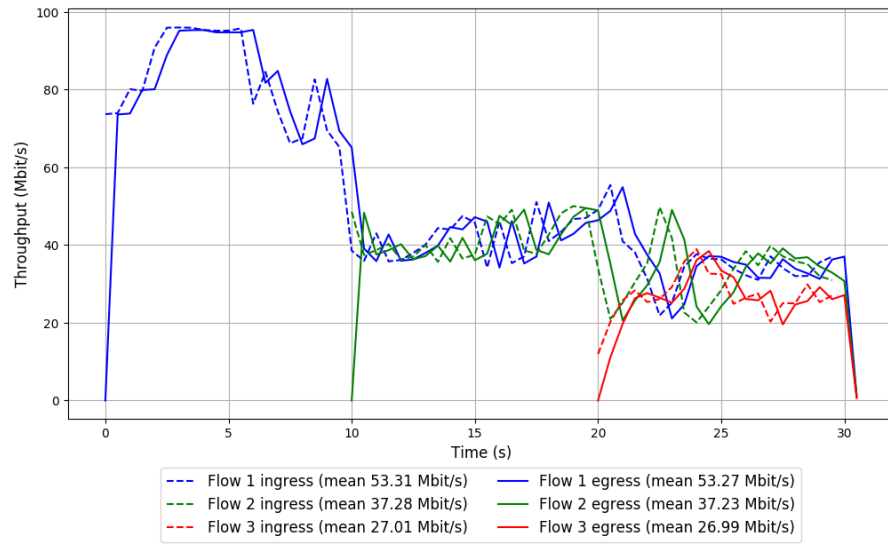
-- Flow 3:

Average throughput: 26.99 Mbit/s

95th percentile per-packet one-way delay: 27.944 ms

Loss rate: 0.07%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2018-05-24 16:36:41

End at: 2018-05-24 16:37:11

Local clock offset: -6.047 ms

Remote clock offset: 5.574 ms

Below is generated by plot.py at 2018-05-24 16:57:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.22 Mbit/s

95th percentile per-packet one-way delay: 29.319 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 53.14 Mbit/s

95th percentile per-packet one-way delay: 28.275 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 35.69 Mbit/s

95th percentile per-packet one-way delay: 30.086 ms

Loss rate: 0.02%

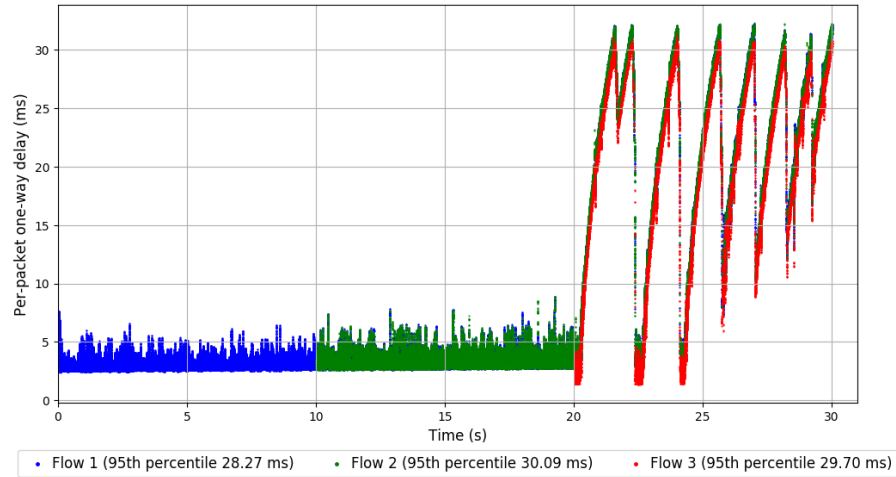
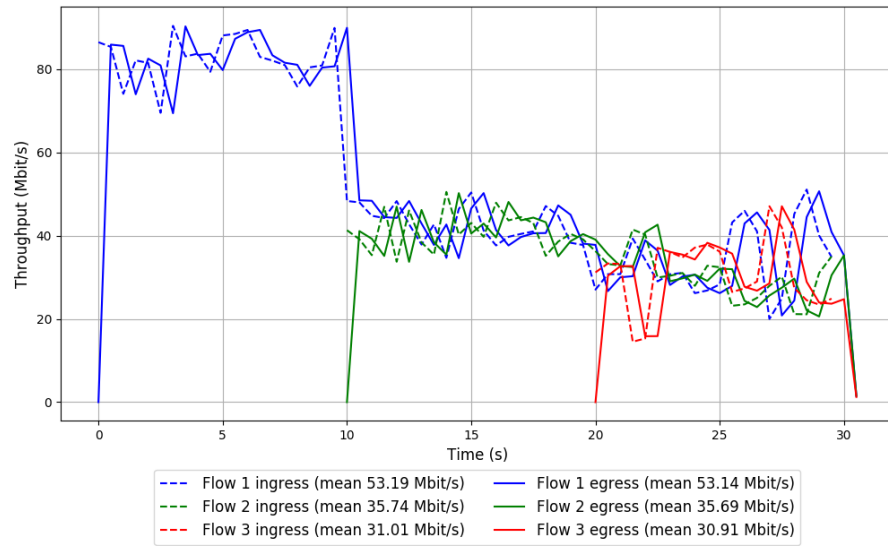
-- Flow 3:

Average throughput: 30.91 Mbit/s

95th percentile per-packet one-way delay: 29.698 ms

Loss rate: 0.04%

Run 10: Report of Copa — Data Link

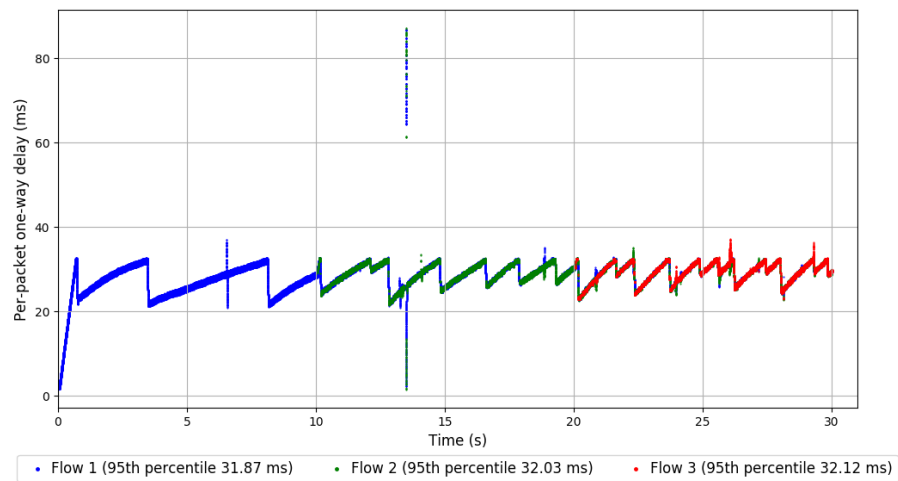
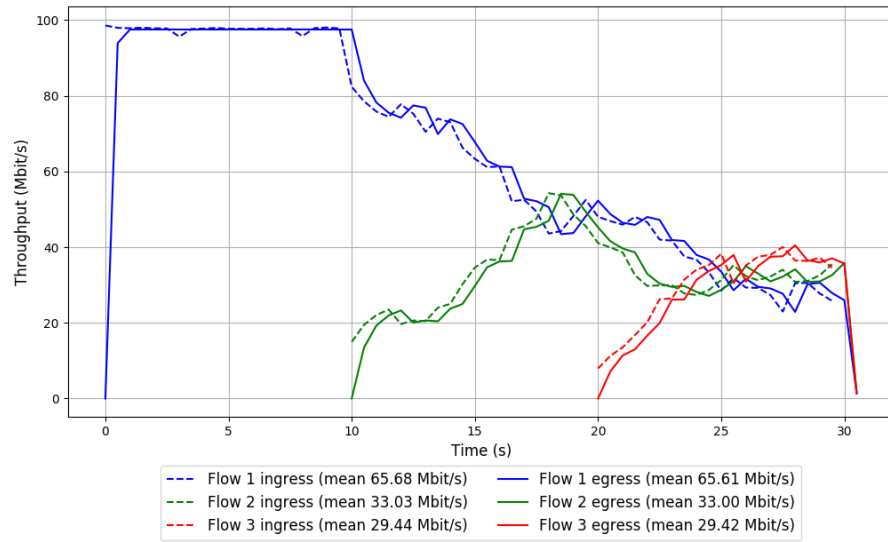


Run 1: Statistics of TCP Cubic

Start at: 2018-05-24 13:51:20
End at: 2018-05-24 13:51:50
Local clock offset: -6.57 ms
Remote clock offset: -2.544 ms

Below is generated by plot.py at 2018-05-24 16:57:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.34 Mbit/s
95th percentile per-packet one-way delay: 31.901 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 65.61 Mbit/s
95th percentile per-packet one-way delay: 31.872 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 33.00 Mbit/s
95th percentile per-packet one-way delay: 32.030 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 29.42 Mbit/s
95th percentile per-packet one-way delay: 32.124 ms
Loss rate: 0.07%

Run 1: Report of TCP Cubic — Data Link

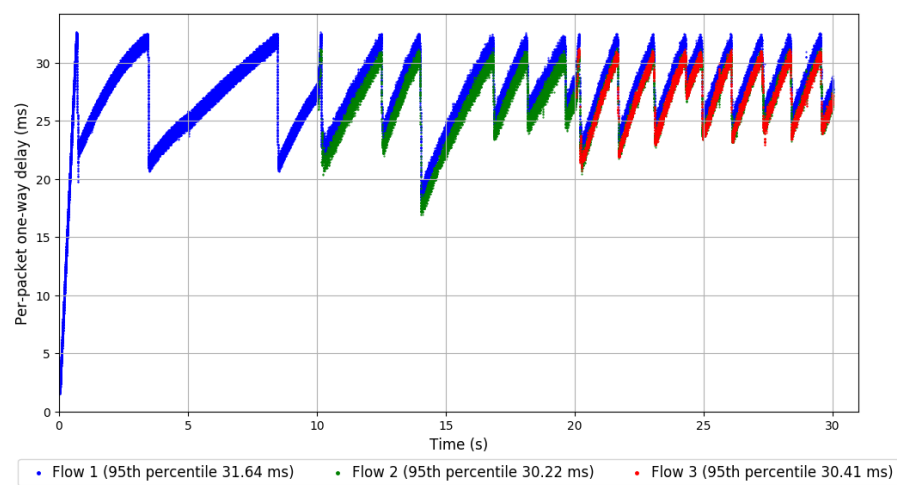
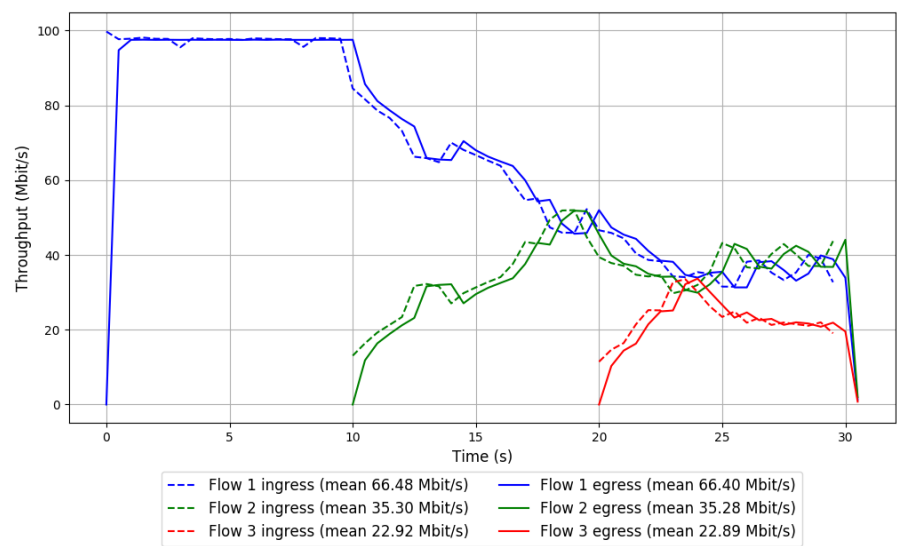


Run 2: Statistics of TCP Cubic

Start at: 2018-05-24 14:09:12
End at: 2018-05-24 14:09:42
Local clock offset: -4.951 ms
Remote clock offset: -1.905 ms

Below is generated by plot.py at 2018-05-24 16:57:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 31.422 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 66.40 Mbit/s
95th percentile per-packet one-way delay: 31.642 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 35.28 Mbit/s
95th percentile per-packet one-way delay: 30.221 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 22.89 Mbit/s
95th percentile per-packet one-way delay: 30.414 ms
Loss rate: 0.15%

Run 2: Report of TCP Cubic — Data Link

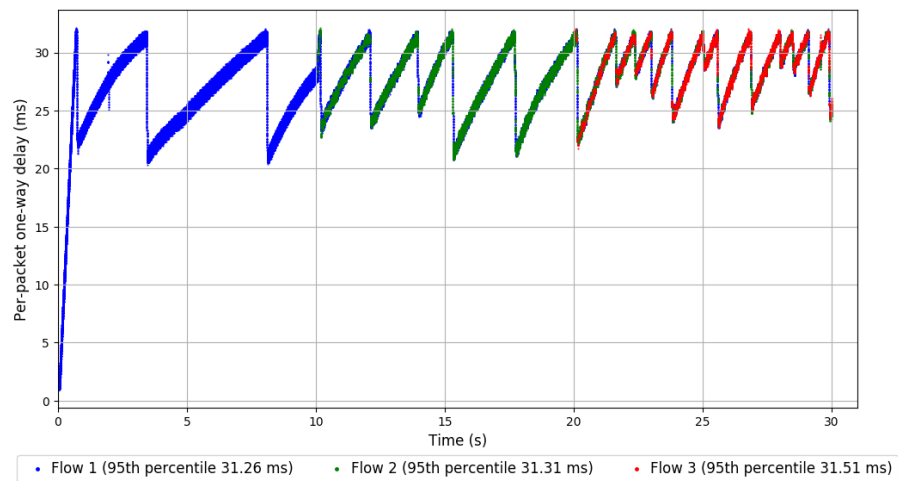
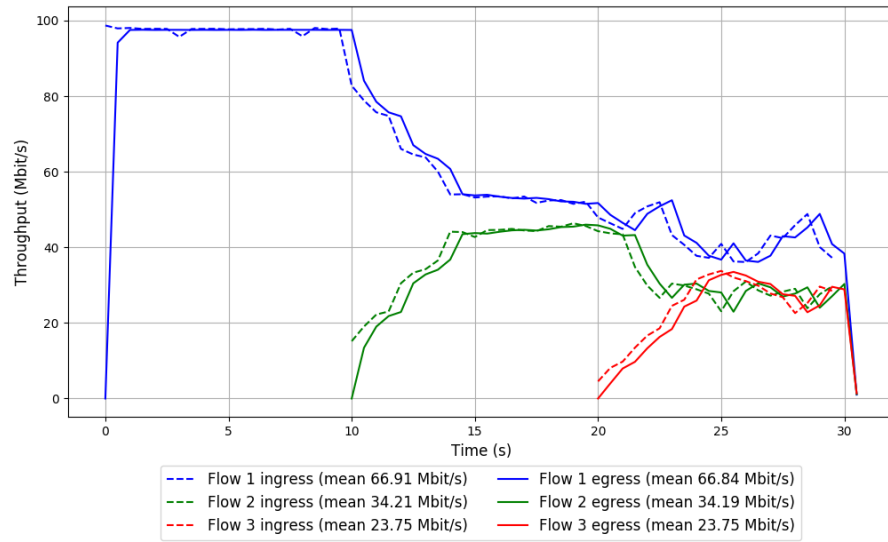


Run 3: Statistics of TCP Cubic

Start at: 2018-05-24 14:27:04
End at: 2018-05-24 14:27:34
Local clock offset: -5.789 ms
Remote clock offset: -1.74 ms

Below is generated by plot.py at 2018-05-24 16:57:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 31.286 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 66.84 Mbit/s
95th percentile per-packet one-way delay: 31.260 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 34.19 Mbit/s
95th percentile per-packet one-way delay: 31.310 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 23.75 Mbit/s
95th percentile per-packet one-way delay: 31.510 ms
Loss rate: 0.06%

Run 3: Report of TCP Cubic — Data Link

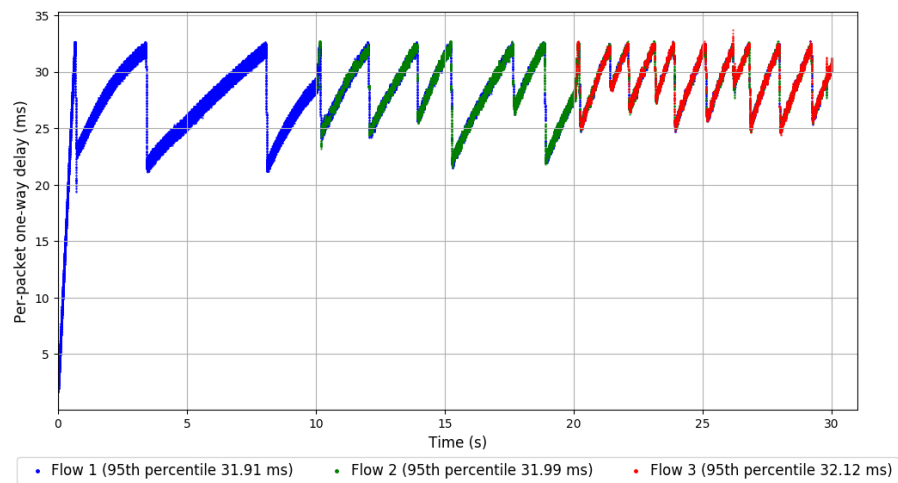
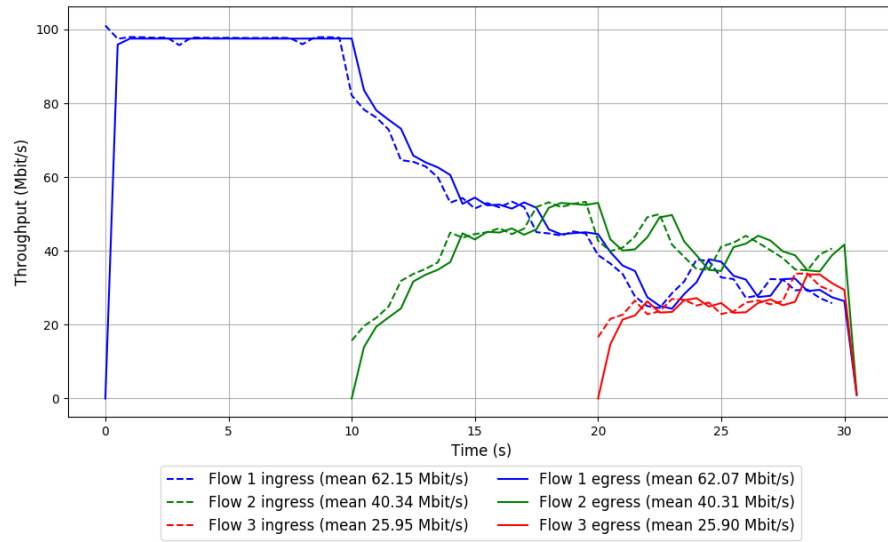


Run 4: Statistics of TCP Cubic

Start at: 2018-05-24 14:44:56
End at: 2018-05-24 14:45:26
Local clock offset: -6.658 ms
Remote clock offset: -1.652 ms

Below is generated by plot.py at 2018-05-24 16:57:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.50 Mbit/s
95th percentile per-packet one-way delay: 31.944 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 62.07 Mbit/s
95th percentile per-packet one-way delay: 31.912 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 40.31 Mbit/s
95th percentile per-packet one-way delay: 31.989 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 25.90 Mbit/s
95th percentile per-packet one-way delay: 32.119 ms
Loss rate: 0.18%

Run 4: Report of TCP Cubic — Data Link

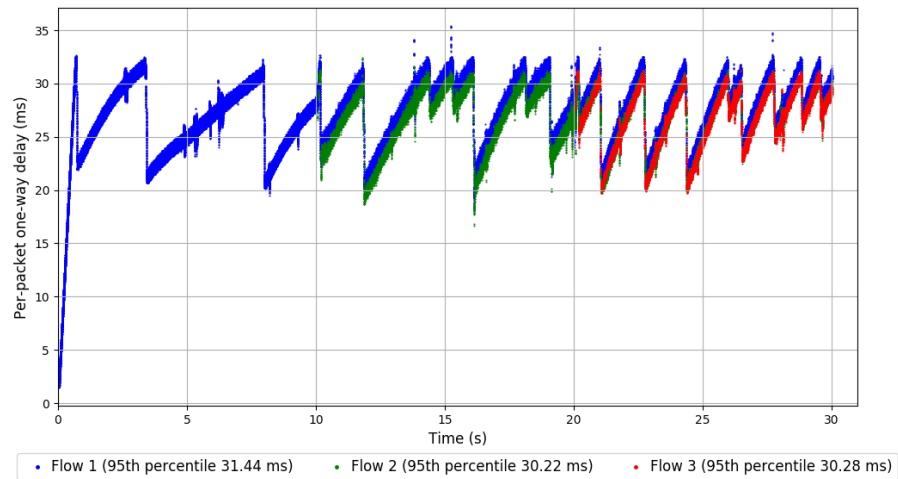
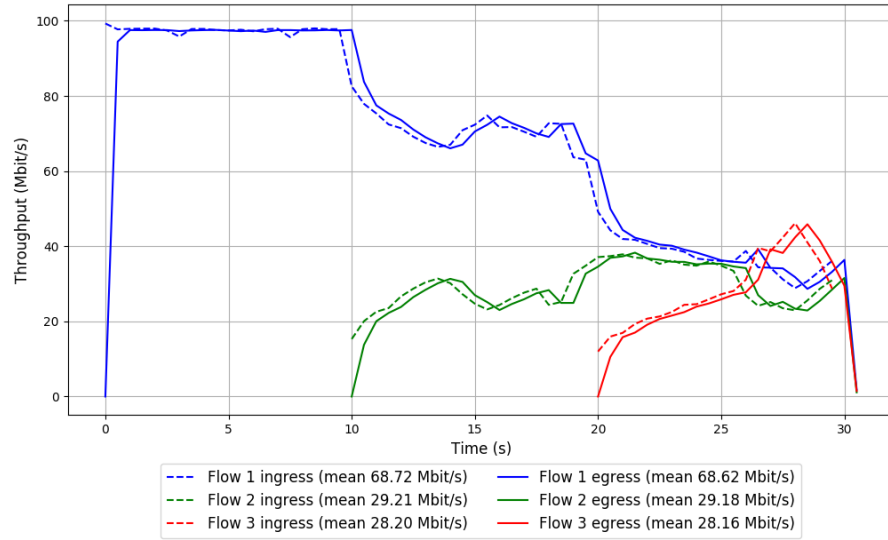


Run 5: Statistics of TCP Cubic

Start at: 2018-05-24 15:02:47
End at: 2018-05-24 15:03:17
Local clock offset: -4.991 ms
Remote clock offset: -2.005 ms

Below is generated by plot.py at 2018-05-24 16:58:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.40 Mbit/s
95th percentile per-packet one-way delay: 31.214 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 68.62 Mbit/s
95th percentile per-packet one-way delay: 31.444 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 29.18 Mbit/s
95th percentile per-packet one-way delay: 30.224 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 28.16 Mbit/s
95th percentile per-packet one-way delay: 30.278 ms
Loss rate: 0.15%

Run 5: Report of TCP Cubic — Data Link

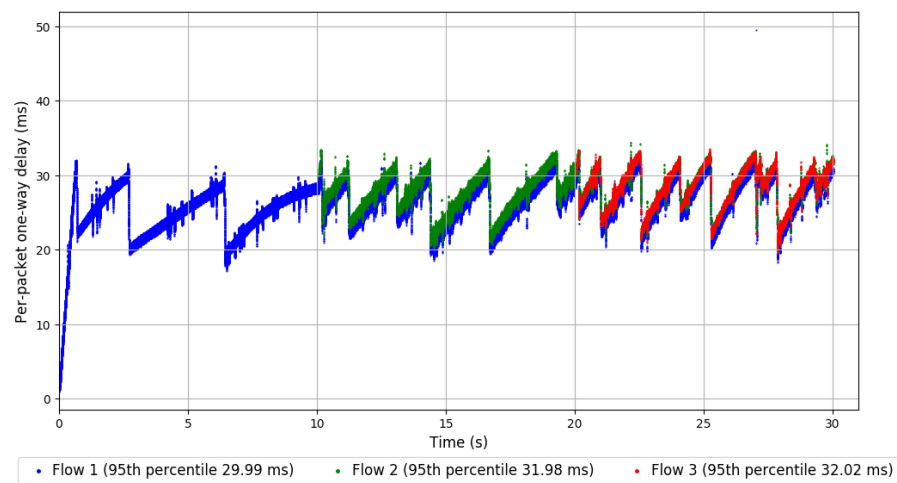
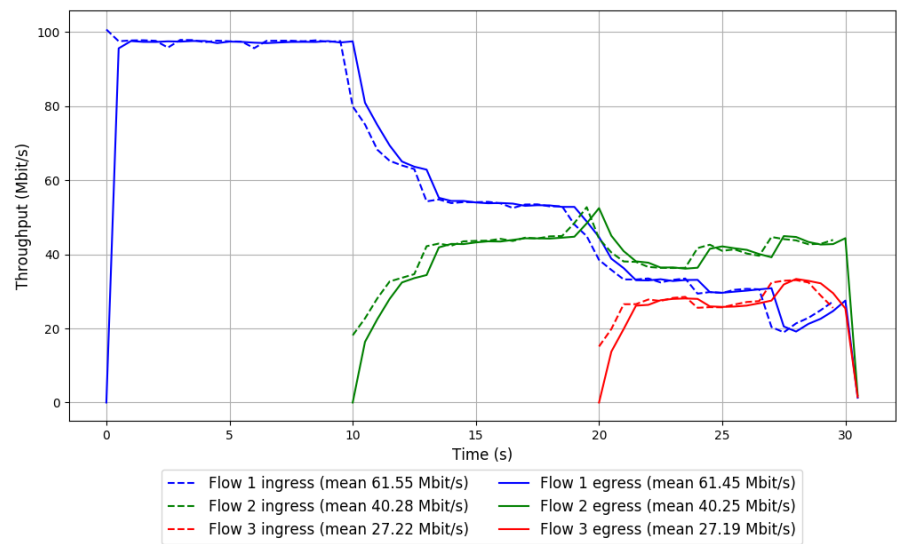


Run 6: Statistics of TCP Cubic

Start at: 2018-05-24 15:20:39
End at: 2018-05-24 15:21:09
Local clock offset: -5.56 ms
Remote clock offset: -2.042 ms

Below is generated by plot.py at 2018-05-24 16:58:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.27 Mbit/s
95th percentile per-packet one-way delay: 31.229 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 61.45 Mbit/s
95th percentile per-packet one-way delay: 29.986 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 40.25 Mbit/s
95th percentile per-packet one-way delay: 31.975 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 27.19 Mbit/s
95th percentile per-packet one-way delay: 32.021 ms
Loss rate: 0.10%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: 2018-05-24 15:38:31

End at: 2018-05-24 15:39:01

Local clock offset: -5.856 ms

Remote clock offset: 5.28 ms

Below is generated by plot.py at 2018-05-24 16:58:06

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.21 Mbit/s

95th percentile per-packet one-way delay: 30.207 ms

Loss rate: 0.06%

-- Flow 1:

Average throughput: 66.08 Mbit/s

95th percentile per-packet one-way delay: 29.981 ms

Loss rate: 0.04%

-- Flow 2:

Average throughput: 32.54 Mbit/s

95th percentile per-packet one-way delay: 30.391 ms

Loss rate: 0.08%

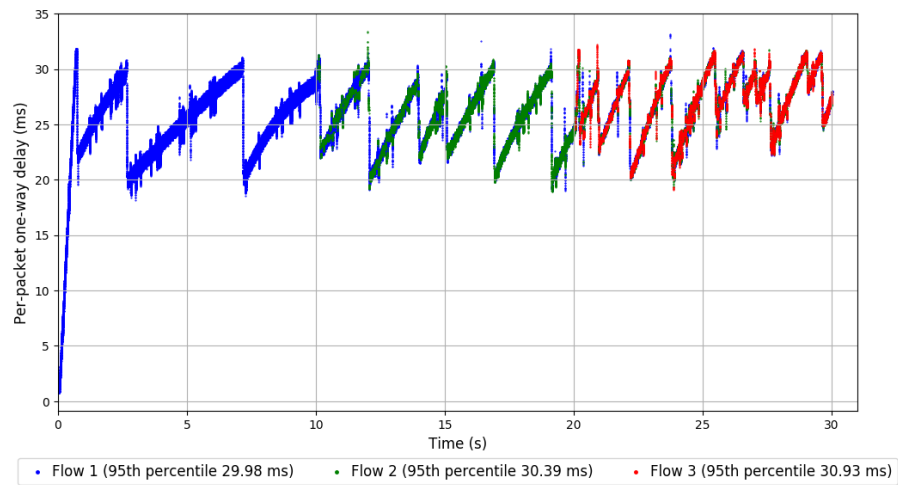
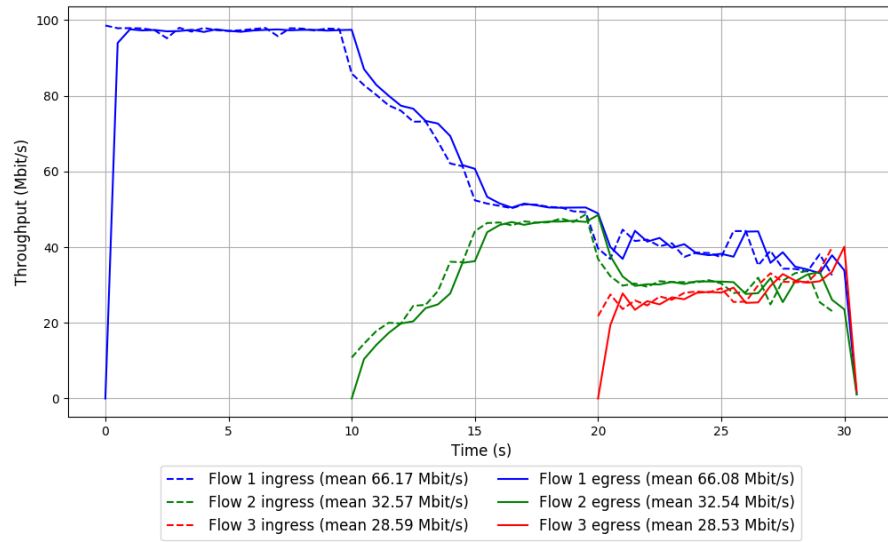
-- Flow 3:

Average throughput: 28.53 Mbit/s

95th percentile per-packet one-way delay: 30.925 ms

Loss rate: 0.18%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2018-05-24 15:56:23

End at: 2018-05-24 15:56:53

Local clock offset: -5.184 ms

Remote clock offset: 9.55 ms

Below is generated by plot.py at 2018-05-24 16:58:09

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.19 Mbit/s

95th percentile per-packet one-way delay: 30.618 ms

Loss rate: 0.09%

-- Flow 1:

Average throughput: 56.53 Mbit/s

95th percentile per-packet one-way delay: 29.410 ms

Loss rate: 0.07%

-- Flow 2:

Average throughput: 38.69 Mbit/s

95th percentile per-packet one-way delay: 31.122 ms

Loss rate: 0.13%

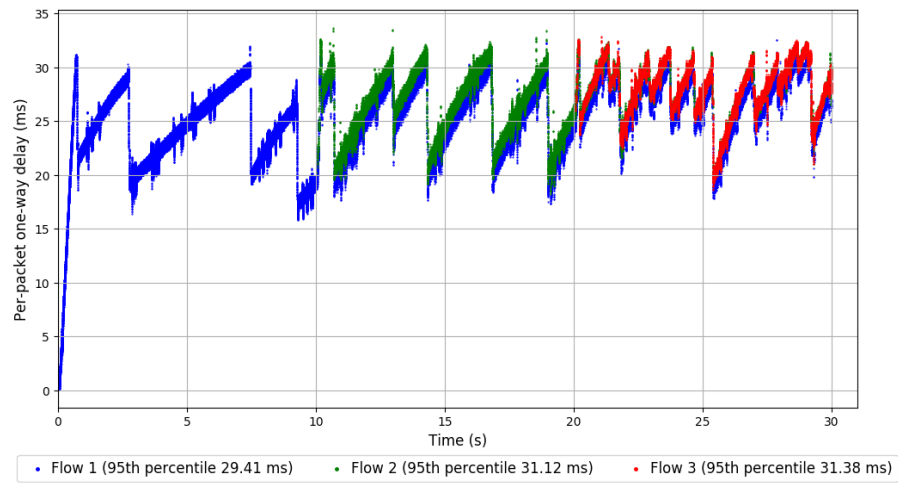
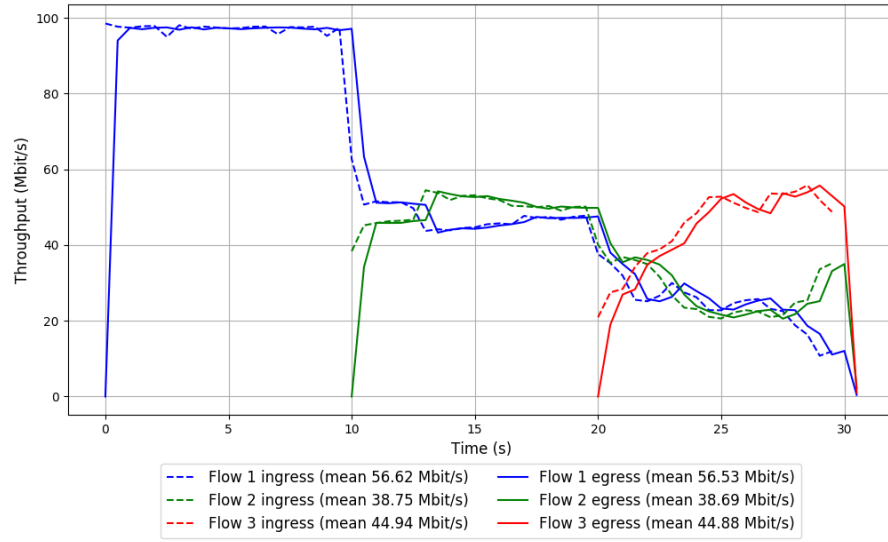
-- Flow 3:

Average throughput: 44.88 Mbit/s

95th percentile per-packet one-way delay: 31.383 ms

Loss rate: 0.09%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: 2018-05-24 16:14:16

End at: 2018-05-24 16:14:46

Local clock offset: -6.792 ms

Remote clock offset: 7.591 ms

Below is generated by plot.py at 2018-05-24 16:58:09

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.78 Mbit/s

95th percentile per-packet one-way delay: 32.048 ms

Loss rate: 0.07%

-- Flow 1:

Average throughput: 65.37 Mbit/s

95th percentile per-packet one-way delay: 31.853 ms

Loss rate: 0.04%

-- Flow 2:

Average throughput: 31.64 Mbit/s

95th percentile per-packet one-way delay: 32.296 ms

Loss rate: 0.11%

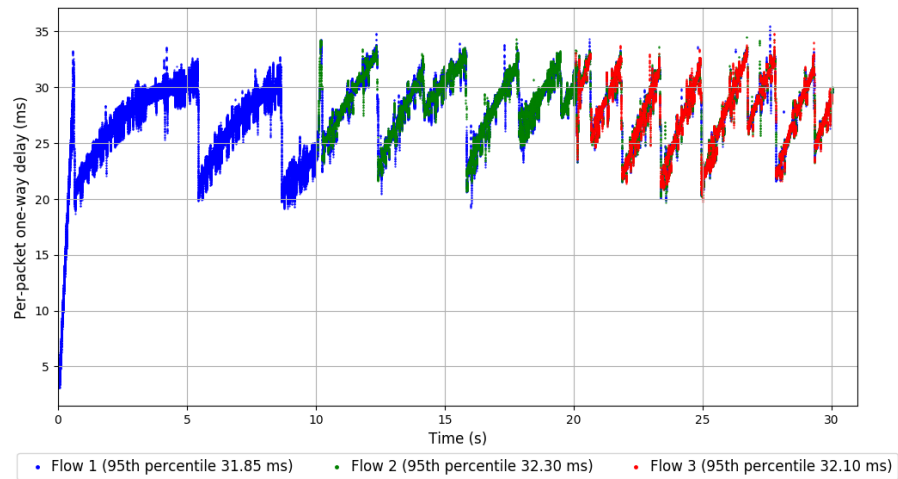
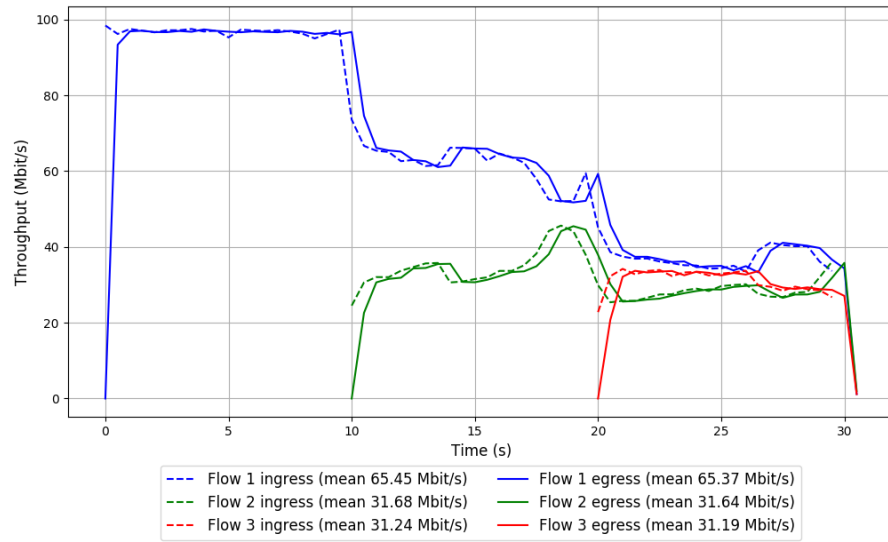
-- Flow 3:

Average throughput: 31.19 Mbit/s

95th percentile per-packet one-way delay: 32.105 ms

Loss rate: 0.15%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-05-24 16:32:08

End at: 2018-05-24 16:32:38

Local clock offset: -5.27 ms

Remote clock offset: 8.303 ms

Below is generated by plot.py at 2018-05-24 16:58:12

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.28 Mbit/s

95th percentile per-packet one-way delay: 31.397 ms

Loss rate: 0.08%

-- Flow 1:

Average throughput: 64.70 Mbit/s

95th percentile per-packet one-way delay: 31.336 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 32.75 Mbit/s

95th percentile per-packet one-way delay: 31.595 ms

Loss rate: 0.05%

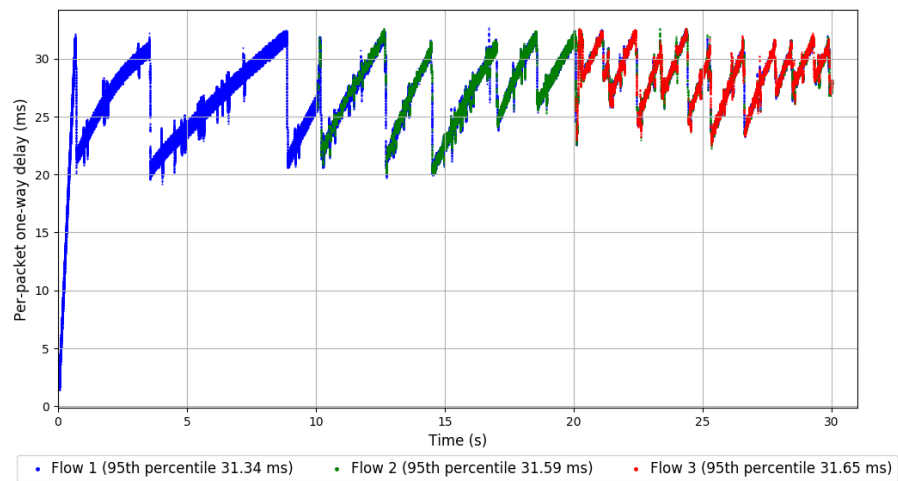
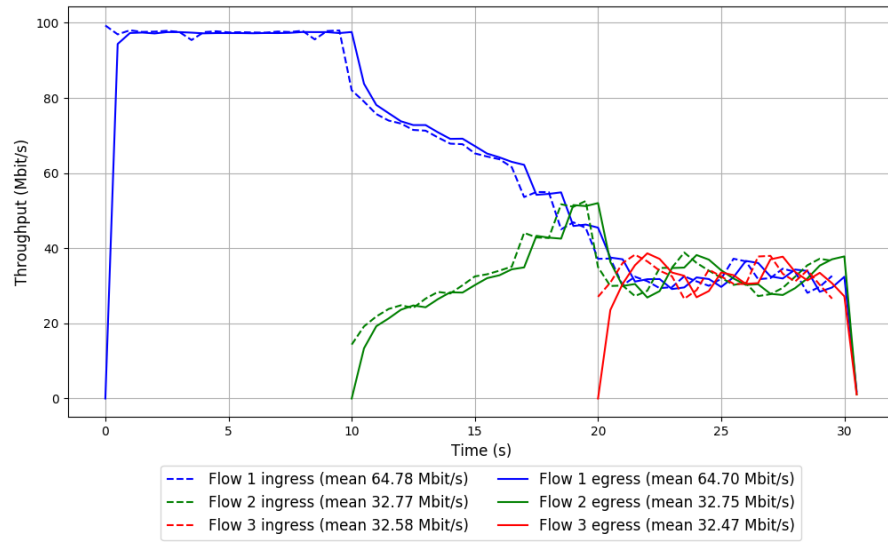
-- Flow 3:

Average throughput: 32.47 Mbit/s

95th percentile per-packet one-way delay: 31.646 ms

Loss rate: 0.40%

Run 10: Report of TCP Cubic — Data Link

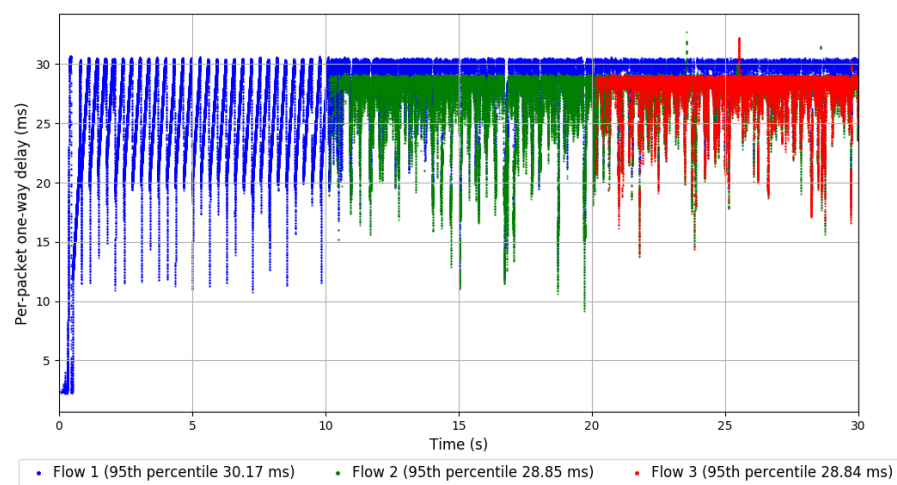
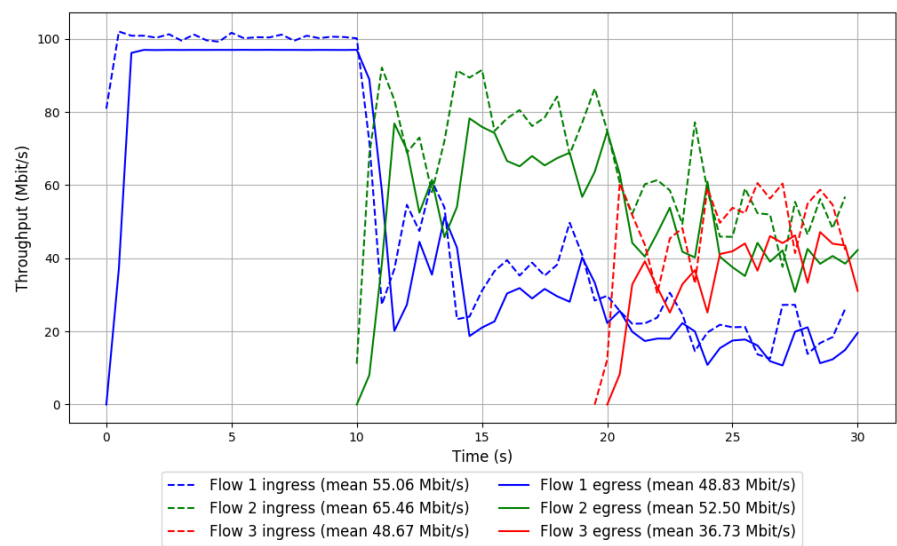


Run 1: Statistics of FillP

Start at: 2018-05-24 13:54:46
End at: 2018-05-24 13:55:16
Local clock offset: -5.774 ms
Remote clock offset: -2.322 ms

Below is generated by plot.py at 2018-05-24 16:59:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.97 Mbit/s
95th percentile per-packet one-way delay: 30.049 ms
Loss rate: 16.38%
-- Flow 1:
Average throughput: 48.83 Mbit/s
95th percentile per-packet one-way delay: 30.173 ms
Loss rate: 11.26%
-- Flow 2:
Average throughput: 52.50 Mbit/s
95th percentile per-packet one-way delay: 28.846 ms
Loss rate: 19.82%
-- Flow 3:
Average throughput: 36.73 Mbit/s
95th percentile per-packet one-way delay: 28.835 ms
Loss rate: 24.56%

Run 1: Report of FillP — Data Link

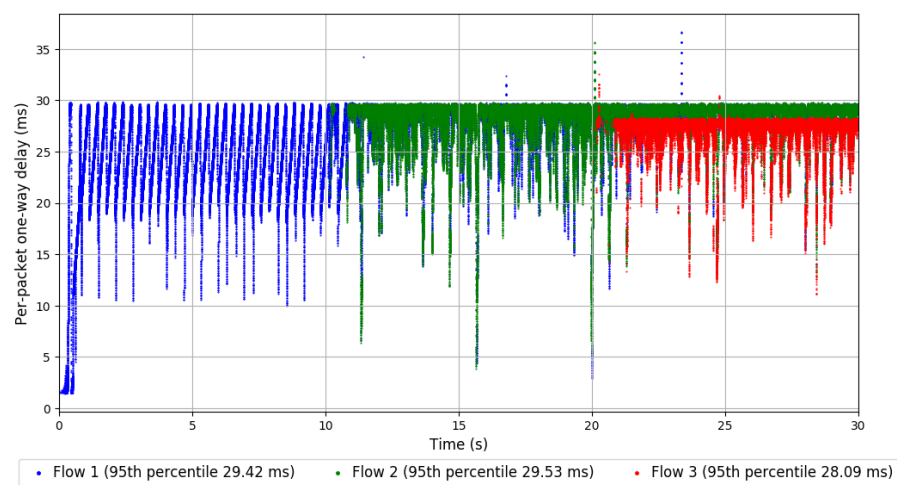
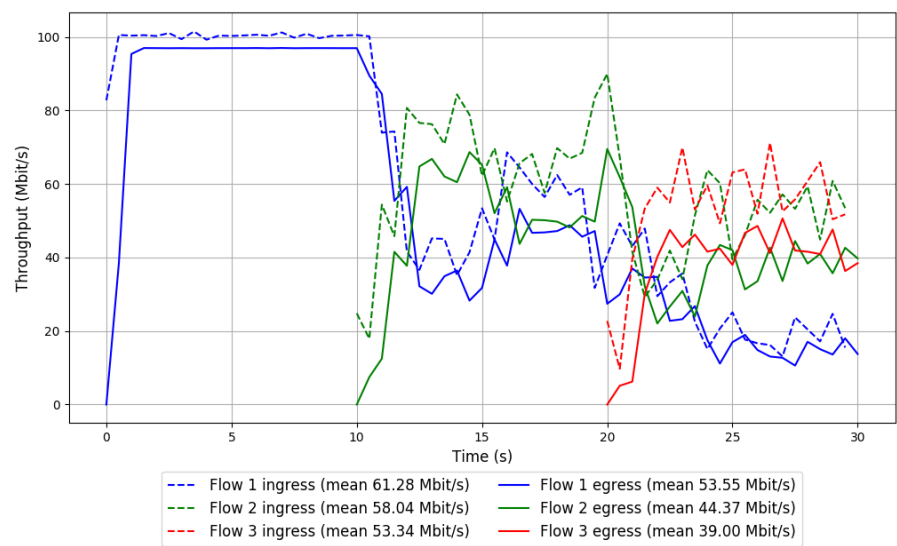


Run 2: Statistics of FillP

Start at: 2018-05-24 14:12:37
End at: 2018-05-24 14:13:07
Local clock offset: -4.945 ms
Remote clock offset: -1.886 ms

Below is generated by plot.py at 2018-05-24 16:59:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.97 Mbit/s
95th percentile per-packet one-way delay: 29.460 ms
Loss rate: 18.31%
-- Flow 1:
Average throughput: 53.55 Mbit/s
95th percentile per-packet one-way delay: 29.424 ms
Loss rate: 12.55%
-- Flow 2:
Average throughput: 44.37 Mbit/s
95th percentile per-packet one-way delay: 29.532 ms
Loss rate: 23.55%
-- Flow 3:
Average throughput: 39.00 Mbit/s
95th percentile per-packet one-way delay: 28.087 ms
Loss rate: 26.86%

Run 2: Report of FillP — Data Link

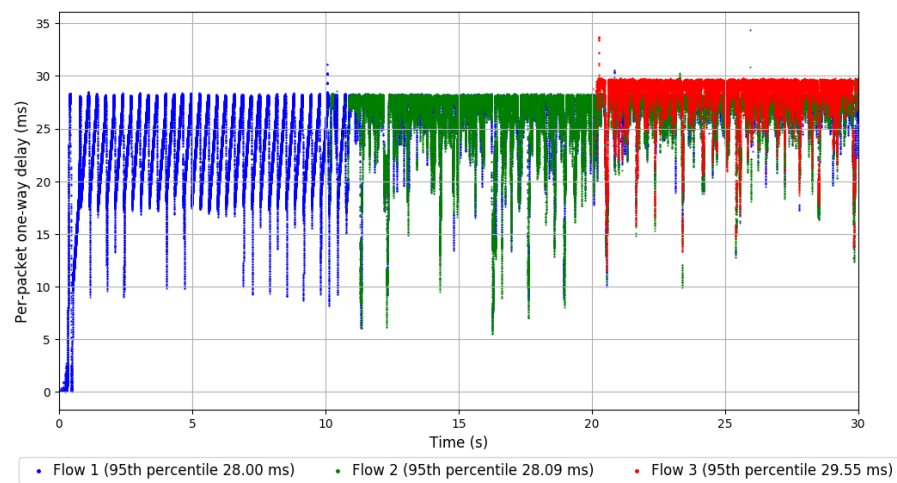
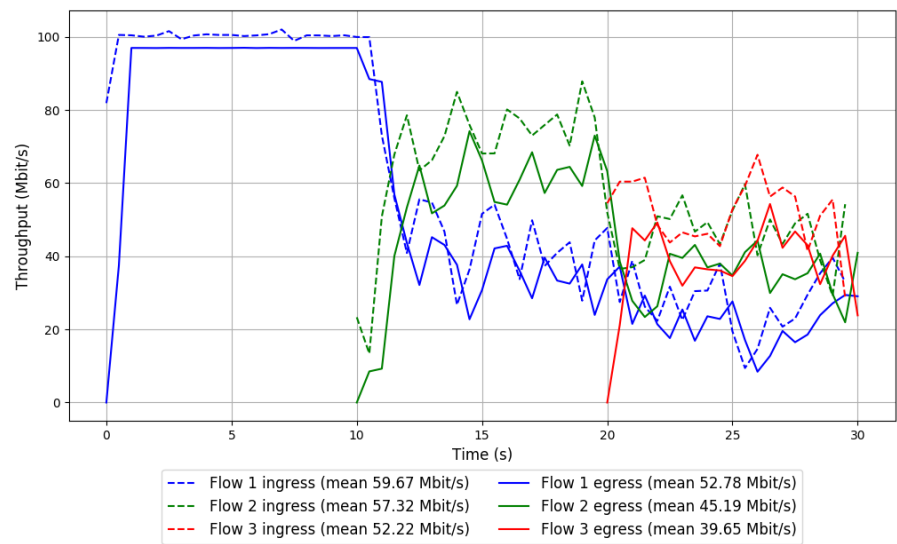


Run 3: Statistics of FillP

Start at: 2018-05-24 14:30:30
End at: 2018-05-24 14:31:00
Local clock offset: -5.027 ms
Remote clock offset: -1.766 ms

Below is generated by plot.py at 2018-05-24 16:59:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.98 Mbit/s
95th percentile per-packet one-way delay: 29.151 ms
Loss rate: 16.57%
-- Flow 1:
Average throughput: 52.78 Mbit/s
95th percentile per-packet one-way delay: 27.997 ms
Loss rate: 11.48%
-- Flow 2:
Average throughput: 45.19 Mbit/s
95th percentile per-packet one-way delay: 28.087 ms
Loss rate: 21.14%
-- Flow 3:
Average throughput: 39.65 Mbit/s
95th percentile per-packet one-way delay: 29.546 ms
Loss rate: 24.05%

Run 3: Report of FillP — Data Link

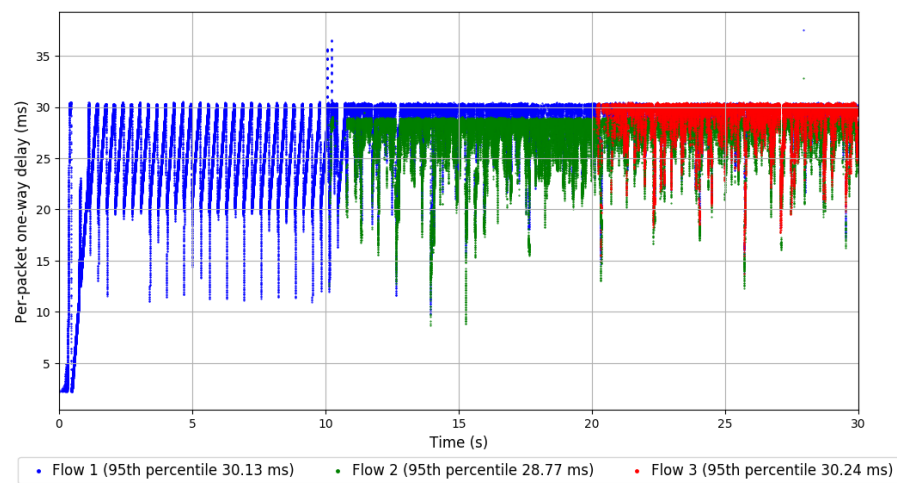
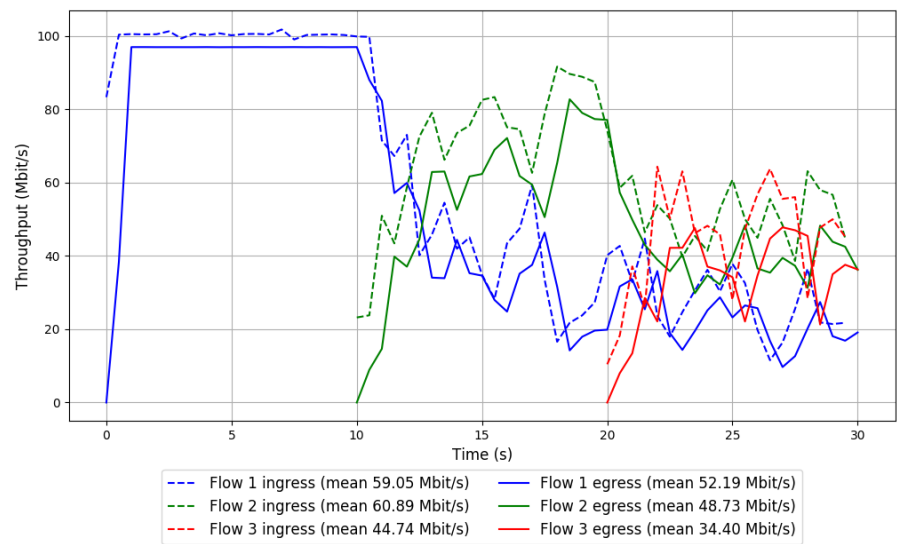


Run 4: Statistics of FillP

Start at: 2018-05-24 14:48:21
End at: 2018-05-24 14:48:51
Local clock offset: -5.909 ms
Remote clock offset: -1.687 ms

Below is generated by plot.py at 2018-05-24 16:59:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.01 Mbit/s
95th percentile per-packet one-way delay: 30.094 ms
Loss rate: 16.02%
-- Flow 1:
Average throughput: 52.19 Mbit/s
95th percentile per-packet one-way delay: 30.128 ms
Loss rate: 11.54%
-- Flow 2:
Average throughput: 48.73 Mbit/s
95th percentile per-packet one-way delay: 28.765 ms
Loss rate: 19.95%
-- Flow 3:
Average throughput: 34.40 Mbit/s
95th percentile per-packet one-way delay: 30.237 ms
Loss rate: 23.11%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2018-05-24 15:06:12

End at: 2018-05-24 15:06:42

Local clock offset: -5.697 ms

Remote clock offset: -2.0 ms

Below is generated by plot.py at 2018-05-24 16:59:37

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.92 Mbit/s

95th percentile per-packet one-way delay: 30.335 ms

Loss rate: 17.10%

-- Flow 1:

Average throughput: 53.40 Mbit/s

95th percentile per-packet one-way delay: 30.260 ms

Loss rate: 11.56%

-- Flow 2:

Average throughput: 46.05 Mbit/s

95th percentile per-packet one-way delay: 30.373 ms

Loss rate: 21.69%

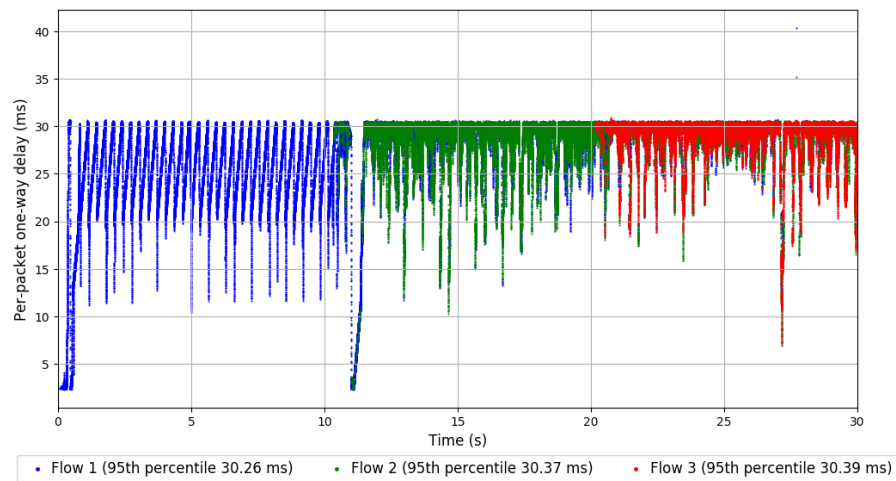
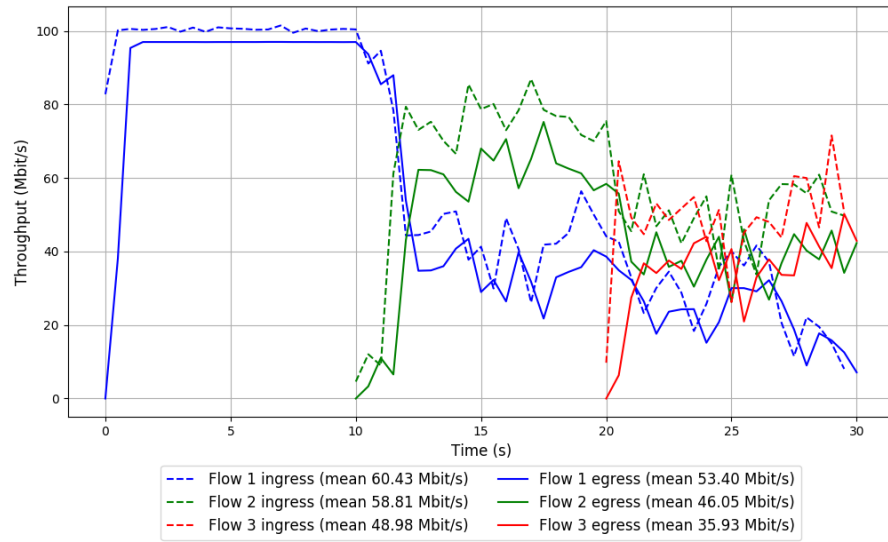
-- Flow 3:

Average throughput: 35.93 Mbit/s

95th percentile per-packet one-way delay: 30.385 ms

Loss rate: 26.64%

Run 5: Report of FillP — Data Link

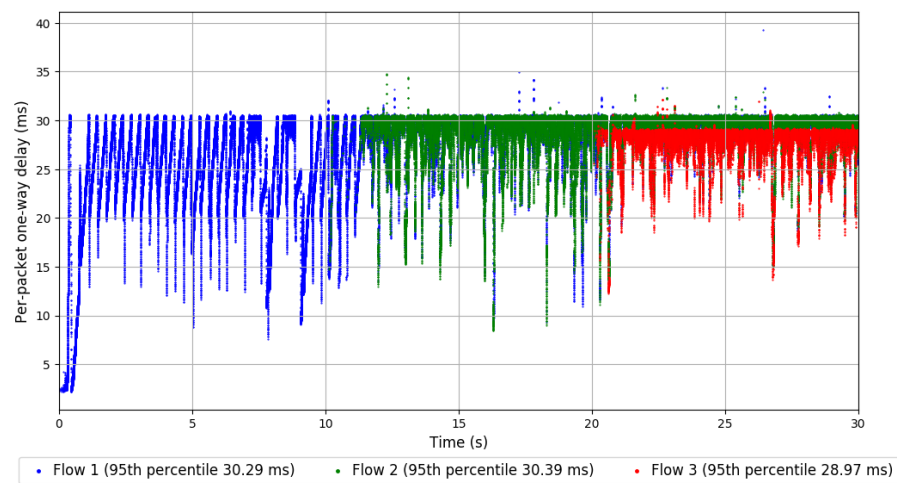
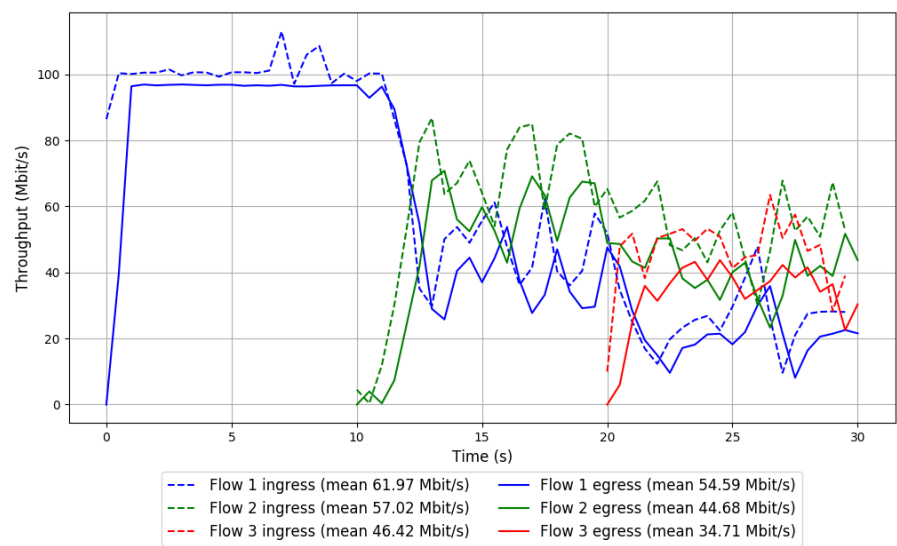


Run 6: Statistics of FillP

Start at: 2018-05-24 15:24:04
End at: 2018-05-24 15:24:35
Local clock offset: -5.574 ms
Remote clock offset: -2.022 ms

Below is generated by plot.py at 2018-05-24 16:59:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.80 Mbit/s
95th percentile per-packet one-way delay: 30.323 ms
Loss rate: 16.85%
-- Flow 1:
Average throughput: 54.59 Mbit/s
95th percentile per-packet one-way delay: 30.285 ms
Loss rate: 11.83%
-- Flow 2:
Average throughput: 44.68 Mbit/s
95th percentile per-packet one-way delay: 30.395 ms
Loss rate: 21.64%
-- Flow 3:
Average throughput: 34.71 Mbit/s
95th percentile per-packet one-way delay: 28.969 ms
Loss rate: 25.21%

Run 6: Report of FillP — Data Link

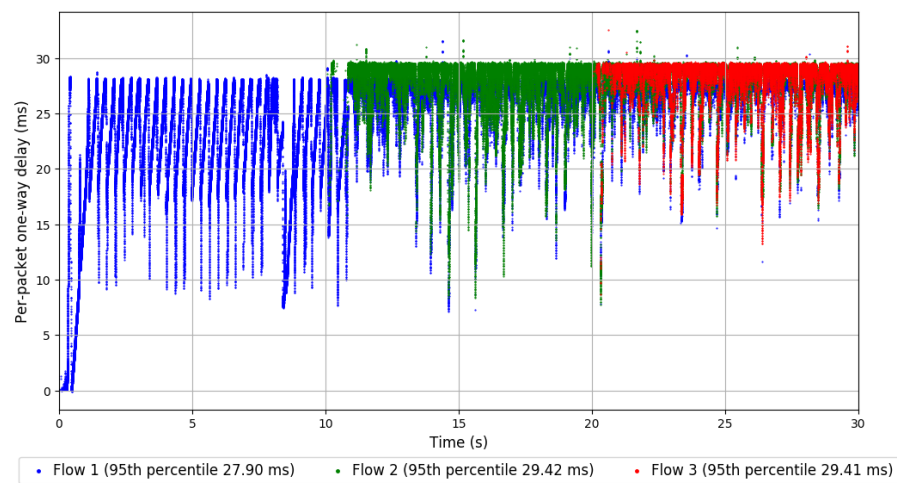
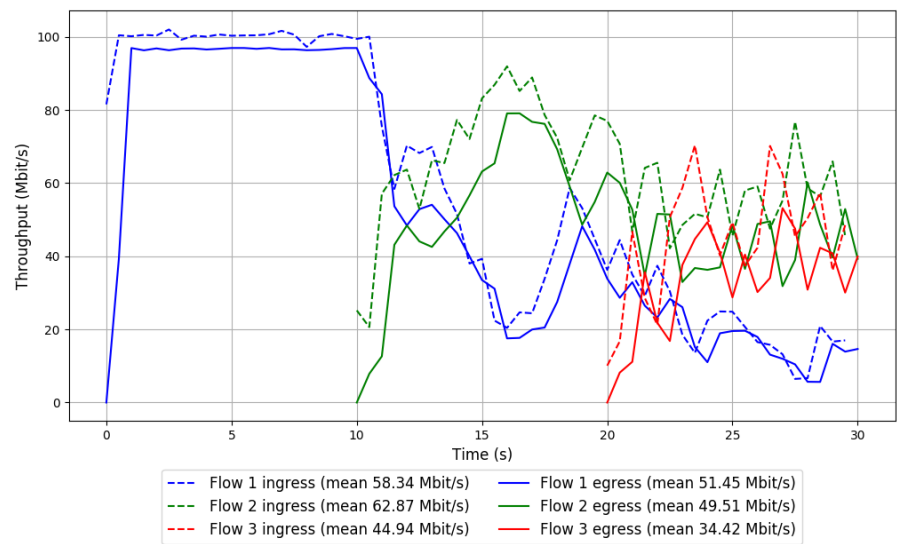


Run 7: Statistics of FillP

Start at: 2018-05-24 15:41:57
End at: 2018-05-24 15:42:27
Local clock offset: -5.128 ms
Remote clock offset: 6.407 ms

Below is generated by plot.py at 2018-05-24 16:59:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.81 Mbit/s
95th percentile per-packet one-way delay: 29.311 ms
Loss rate: 16.71%
-- Flow 1:
Average throughput: 51.45 Mbit/s
95th percentile per-packet one-way delay: 27.897 ms
Loss rate: 11.74%
-- Flow 2:
Average throughput: 49.51 Mbit/s
95th percentile per-packet one-way delay: 29.423 ms
Loss rate: 21.24%
-- Flow 3:
Average throughput: 34.42 Mbit/s
95th percentile per-packet one-way delay: 29.407 ms
Loss rate: 23.41%

Run 7: Report of FillP — Data Link

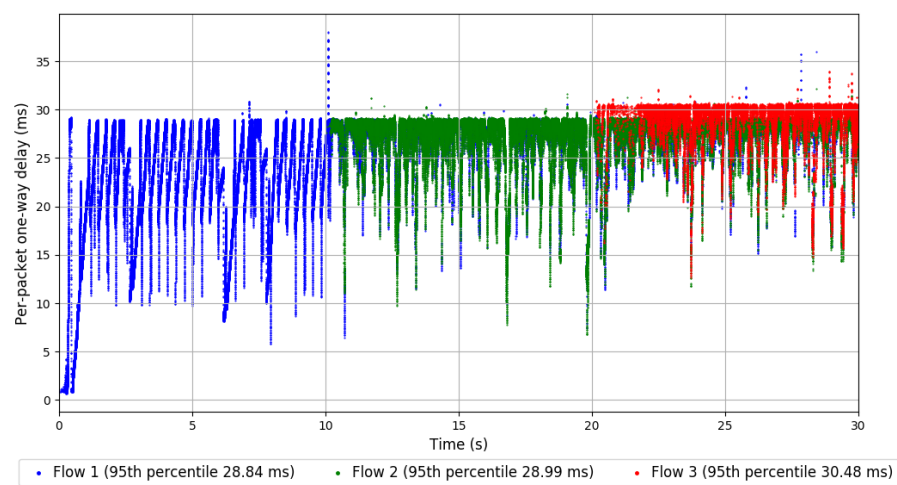
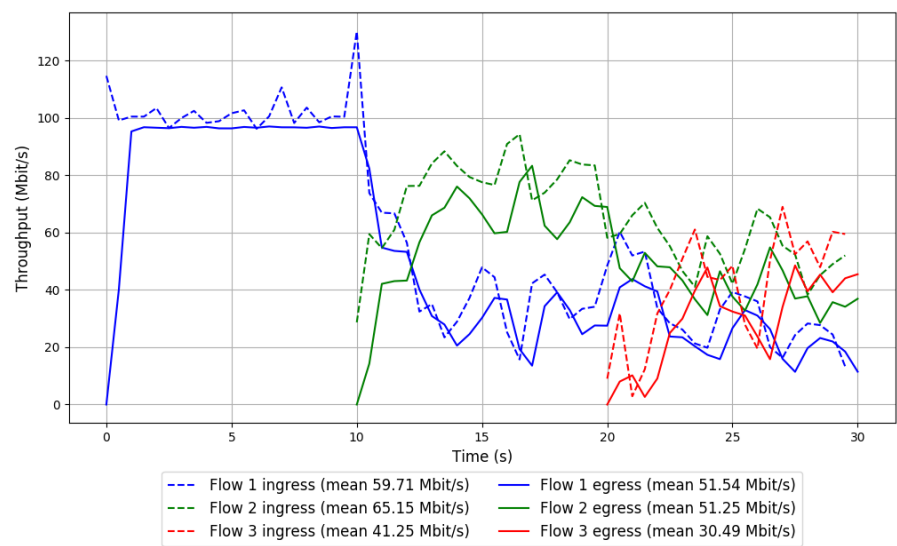


Run 8: Statistics of FillP

Start at: 2018-05-24 15:59:49
End at: 2018-05-24 16:00:19
Local clock offset: -5.943 ms
Remote clock offset: 10.126 ms

Below is generated by plot.py at 2018-05-24 16:59:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.72 Mbit/s
95th percentile per-packet one-way delay: 29.858 ms
Loss rate: 17.94%
-- Flow 1:
Average throughput: 51.54 Mbit/s
95th percentile per-packet one-way delay: 28.837 ms
Loss rate: 13.61%
-- Flow 2:
Average throughput: 51.25 Mbit/s
95th percentile per-packet one-way delay: 28.987 ms
Loss rate: 21.32%
-- Flow 3:
Average throughput: 30.49 Mbit/s
95th percentile per-packet one-way delay: 30.476 ms
Loss rate: 26.10%

Run 8: Report of FillP — Data Link



Run 9: Statistics of FillP

Start at: 2018-05-24 16:17:41

End at: 2018-05-24 16:18:11

Local clock offset: -5.976 ms

Remote clock offset: 7.604 ms

Below is generated by plot.py at 2018-05-24 17:00:51

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.65 Mbit/s

95th percentile per-packet one-way delay: 30.003 ms

Loss rate: 15.82%

-- Flow 1:

Average throughput: 48.48 Mbit/s

95th percentile per-packet one-way delay: 30.172 ms

Loss rate: 10.48%

-- Flow 2:

Average throughput: 53.69 Mbit/s

95th percentile per-packet one-way delay: 28.854 ms

Loss rate: 19.03%

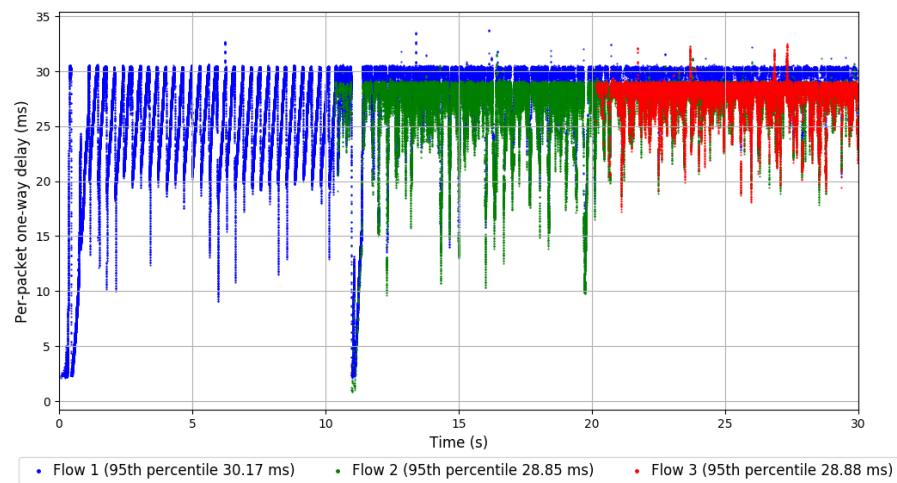
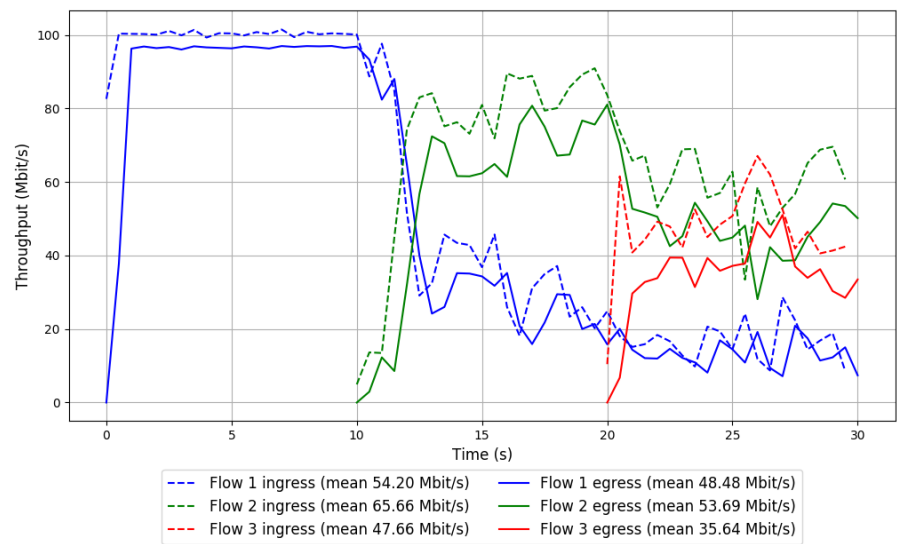
-- Flow 3:

Average throughput: 35.64 Mbit/s

95th percentile per-packet one-way delay: 28.880 ms

Loss rate: 25.23%

Run 9: Report of FillP — Data Link



Run 10: Statistics of FillP

Start at: 2018-05-24 16:35:34

End at: 2018-05-24 16:36:04

Local clock offset: -5.287 ms

Remote clock offset: 6.826 ms

Below is generated by plot.py at 2018-05-24 17:00:54

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.84 Mbit/s

95th percentile per-packet one-way delay: 29.846 ms

Loss rate: 16.73%

-- Flow 1:

Average throughput: 52.41 Mbit/s

95th percentile per-packet one-way delay: 29.980 ms

Loss rate: 11.58%

-- Flow 2:

Average throughput: 45.45 Mbit/s

95th percentile per-packet one-way delay: 28.750 ms

Loss rate: 20.88%

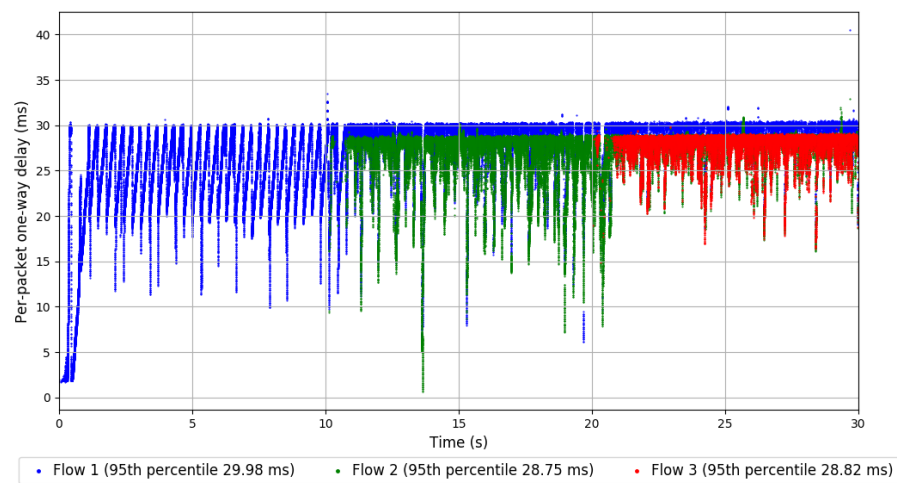
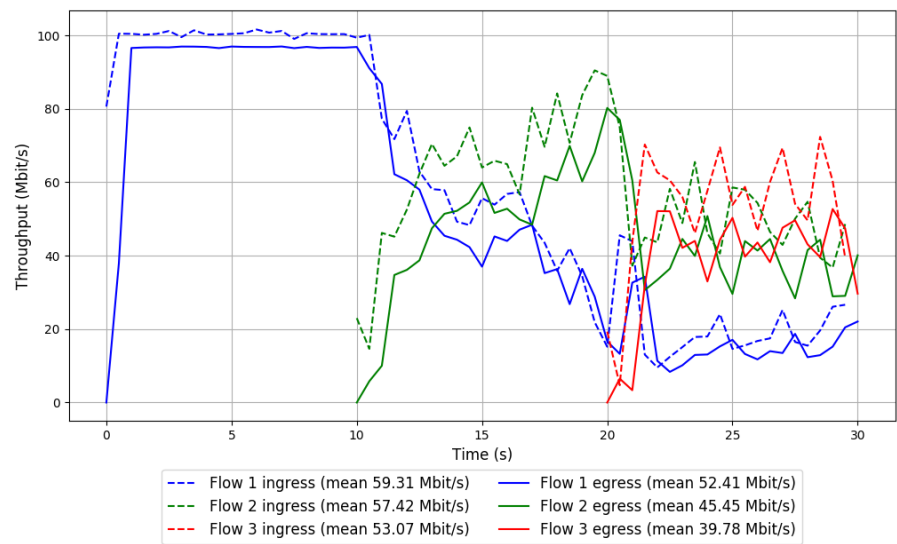
-- Flow 3:

Average throughput: 39.78 Mbit/s

95th percentile per-packet one-way delay: 28.817 ms

Loss rate: 25.04%

Run 10: Report of FillP — Data Link

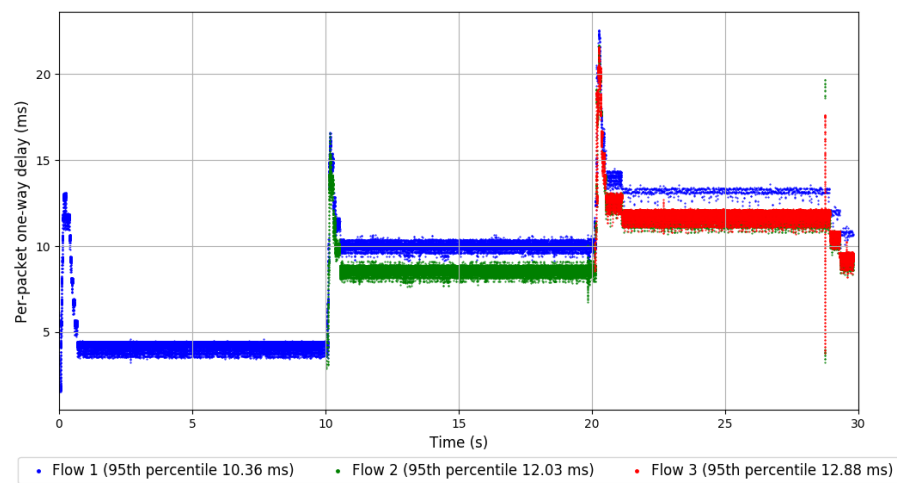
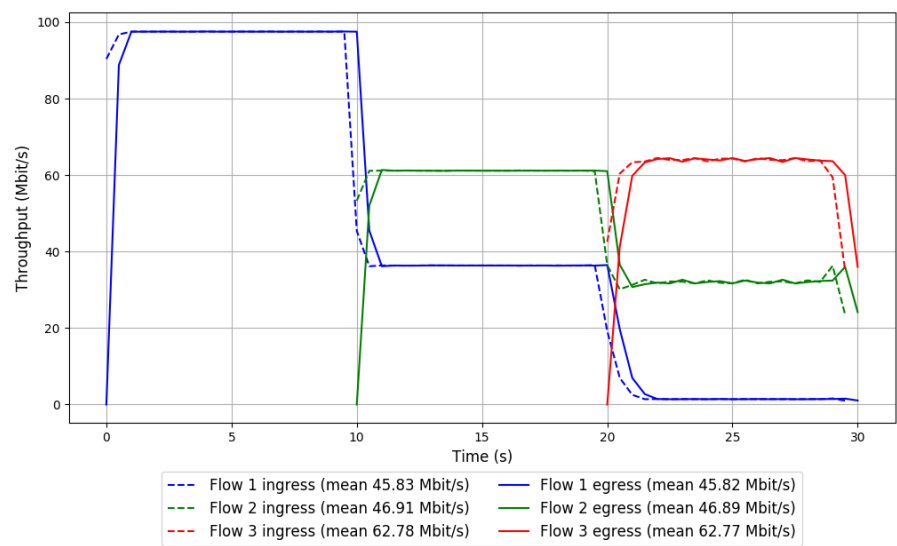


Run 1: Statistics of Indigo

Start at: 2018-05-24 13:58:07
End at: 2018-05-24 13:58:37
Local clock offset: -4.995 ms
Remote clock offset: -2.156 ms

Below is generated by plot.py at 2018-05-24 17:00:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 12.072 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 45.82 Mbit/s
95th percentile per-packet one-way delay: 10.359 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 46.89 Mbit/s
95th percentile per-packet one-way delay: 12.027 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 62.77 Mbit/s
95th percentile per-packet one-way delay: 12.878 ms
Loss rate: 0.00%

Run 1: Report of Indigo — Data Link

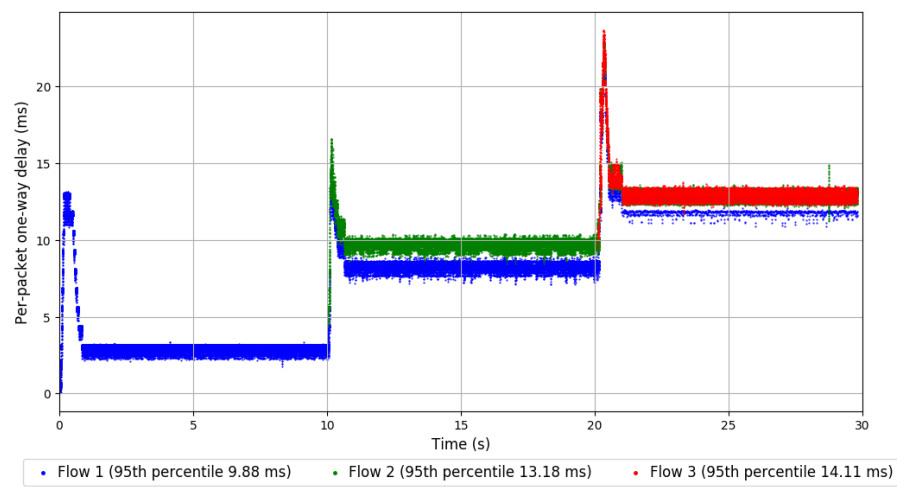
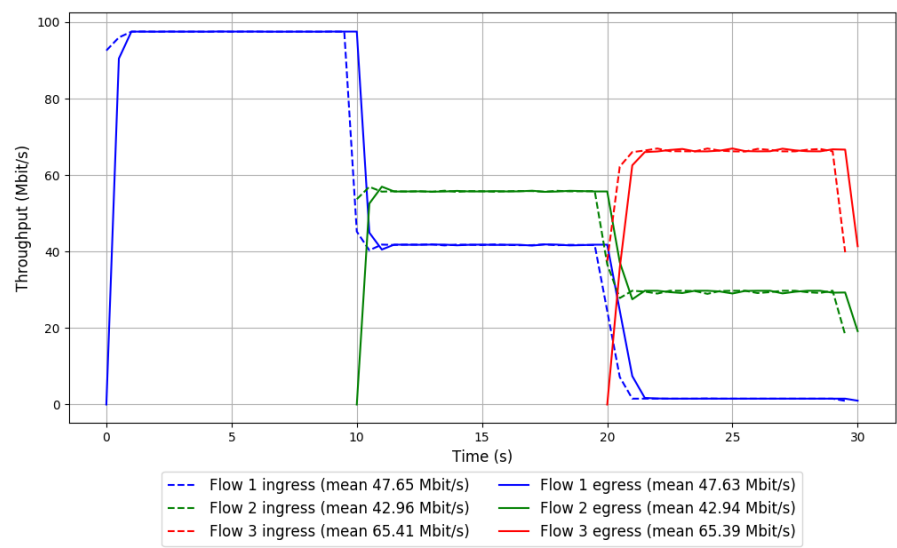


Run 2: Statistics of Indigo

Start at: 2018-05-24 14:15:59
End at: 2018-05-24 14:16:29
Local clock offset: -4.954 ms
Remote clock offset: -1.795 ms

Below is generated by plot.py at 2018-05-24 17:00:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.41 Mbit/s
95th percentile per-packet one-way delay: 13.169 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 47.63 Mbit/s
95th percentile per-packet one-way delay: 9.878 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 42.94 Mbit/s
95th percentile per-packet one-way delay: 13.177 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 65.39 Mbit/s
95th percentile per-packet one-way delay: 14.114 ms
Loss rate: 0.00%

Run 2: Report of Indigo — Data Link

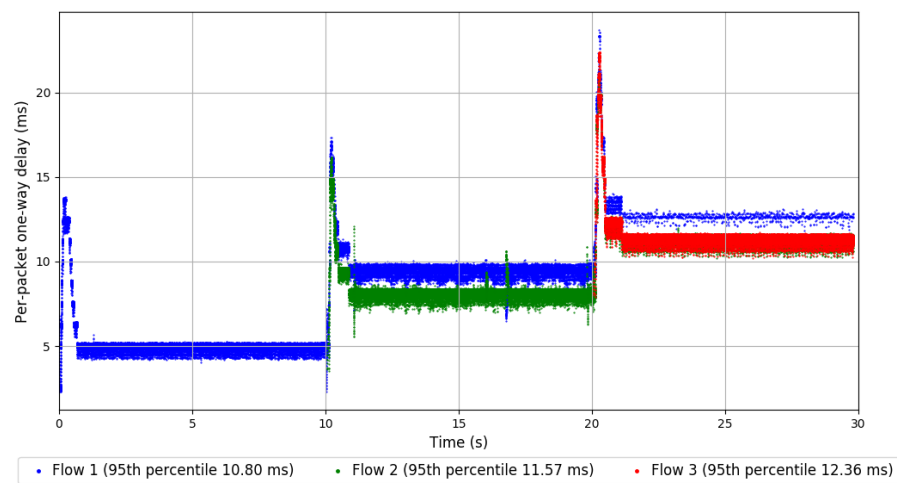
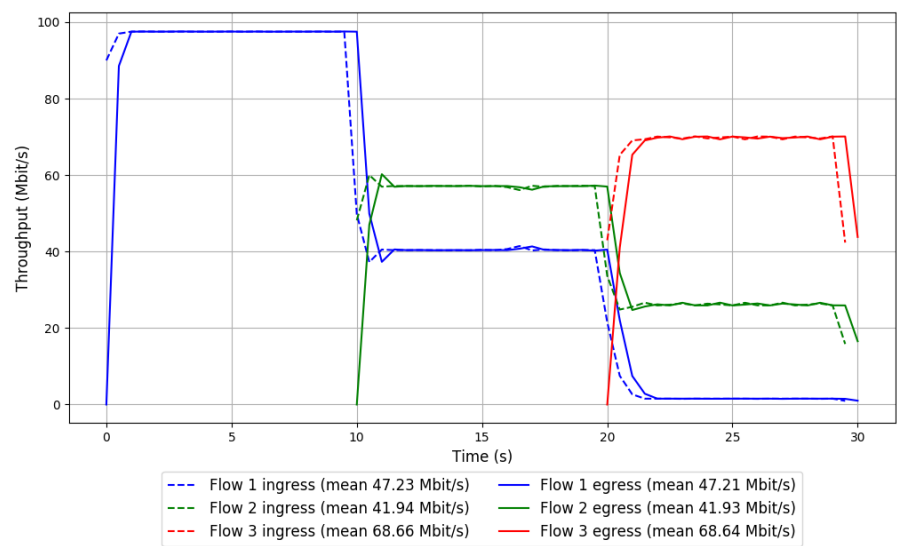


Run 3: Statistics of Indigo

Start at: 2018-05-24 14:33:51
End at: 2018-05-24 14:34:21
Local clock offset: -5.828 ms
Remote clock offset: -1.724 ms

Below is generated by plot.py at 2018-05-24 17:00:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 11.865 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 47.21 Mbit/s
95th percentile per-packet one-way delay: 10.803 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.93 Mbit/s
95th percentile per-packet one-way delay: 11.572 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 68.64 Mbit/s
95th percentile per-packet one-way delay: 12.359 ms
Loss rate: 0.00%

Run 3: Report of Indigo — Data Link

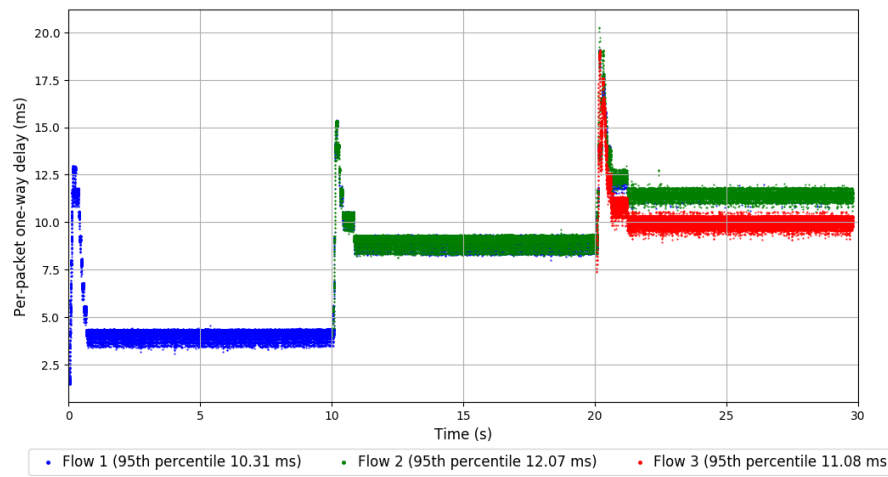
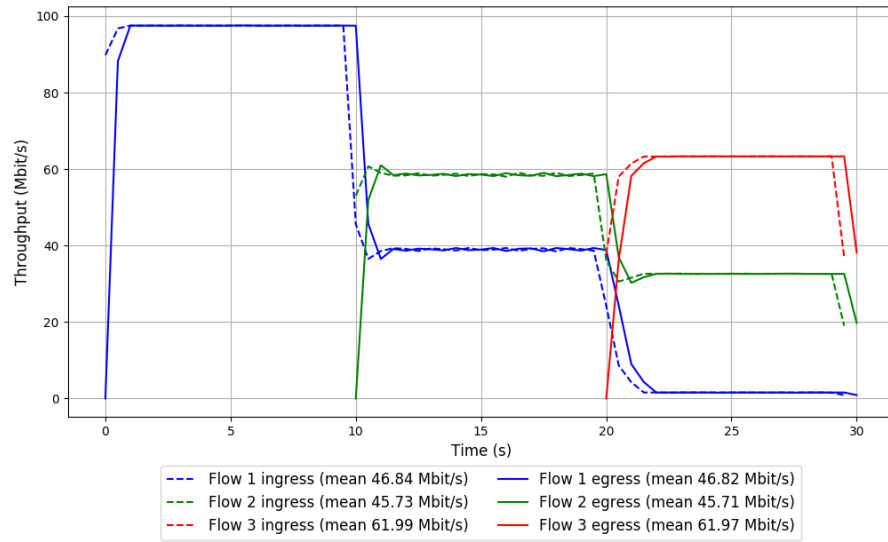


Run 4: Statistics of Indigo

Start at: 2018-05-24 14:51:43
End at: 2018-05-24 14:52:13
Local clock offset: -5.167 ms
Remote clock offset: -1.659 ms

Below is generated by plot.py at 2018-05-24 17:00:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 11.565 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.82 Mbit/s
95th percentile per-packet one-way delay: 10.308 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 45.71 Mbit/s
95th percentile per-packet one-way delay: 12.067 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 61.97 Mbit/s
95th percentile per-packet one-way delay: 11.077 ms
Loss rate: 0.00%

Run 4: Report of Indigo — Data Link

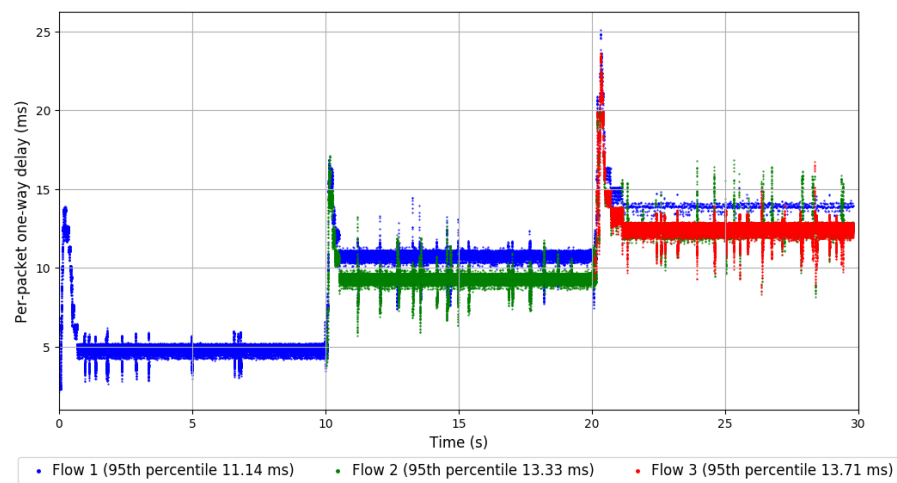
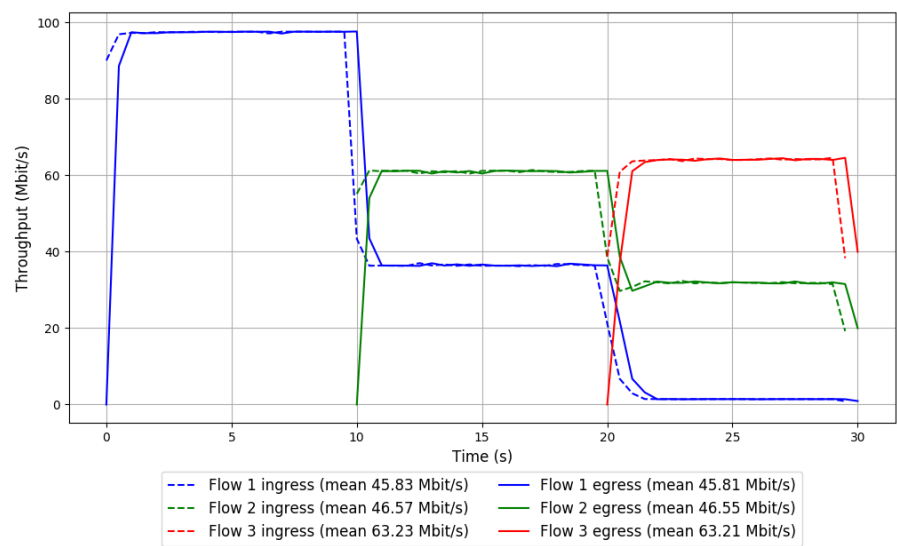


Run 5: Statistics of Indigo

Start at: 2018-05-24 15:09:34
End at: 2018-05-24 15:10:04
Local clock offset: -5.701 ms
Remote clock offset: -2.094 ms

Below is generated by plot.py at 2018-05-24 17:00:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.29 Mbit/s
95th percentile per-packet one-way delay: 13.128 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 45.81 Mbit/s
95th percentile per-packet one-way delay: 11.141 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 46.55 Mbit/s
95th percentile per-packet one-way delay: 13.328 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 63.21 Mbit/s
95th percentile per-packet one-way delay: 13.709 ms
Loss rate: 0.00%

Run 5: Report of Indigo — Data Link

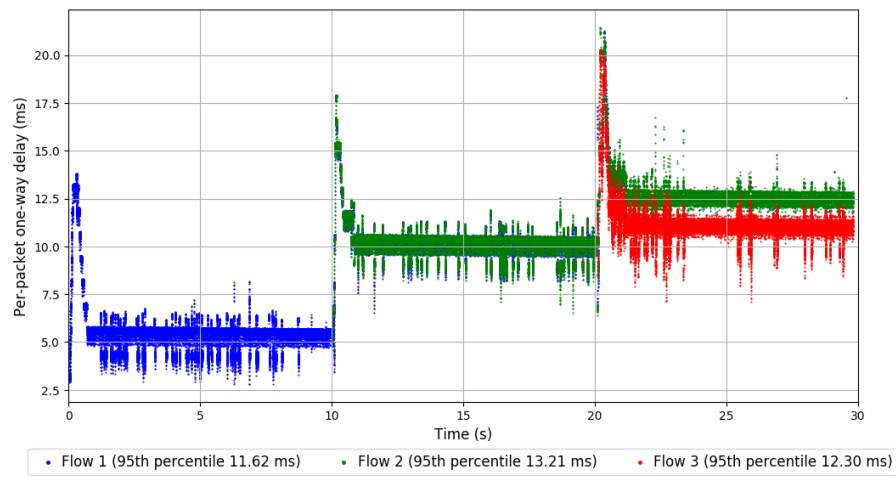
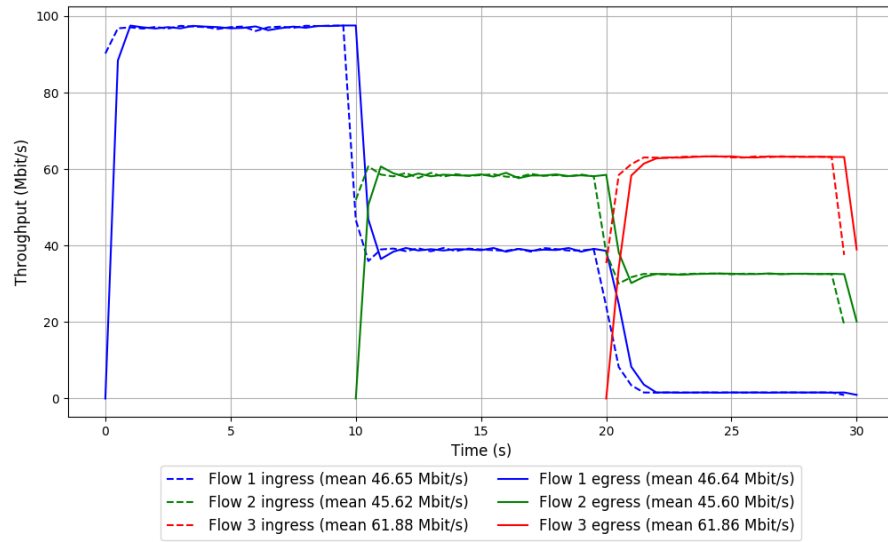


Run 6: Statistics of Indigo

Start at: 2018-05-24 15:27:26
End at: 2018-05-24 15:27:56
Local clock offset: -6.441 ms
Remote clock offset: -0.684 ms

Below is generated by plot.py at 2018-05-24 17:01:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.07 Mbit/s
95th percentile per-packet one-way delay: 12.723 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.64 Mbit/s
95th percentile per-packet one-way delay: 11.616 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 45.60 Mbit/s
95th percentile per-packet one-way delay: 13.215 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 61.86 Mbit/s
95th percentile per-packet one-way delay: 12.305 ms
Loss rate: 0.00%

Run 6: Report of Indigo — Data Link



Run 7: Statistics of Indigo

Start at: 2018-05-24 15:45:18

End at: 2018-05-24 15:45:48

Local clock offset: -5.92 ms

Remote clock offset: 7.197 ms

Below is generated by plot.py at 2018-05-24 17:02:00

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.10 Mbit/s

95th percentile per-packet one-way delay: 12.945 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 45.65 Mbit/s

95th percentile per-packet one-way delay: 11.190 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 46.59 Mbit/s

95th percentile per-packet one-way delay: 12.811 ms

Loss rate: 0.00%

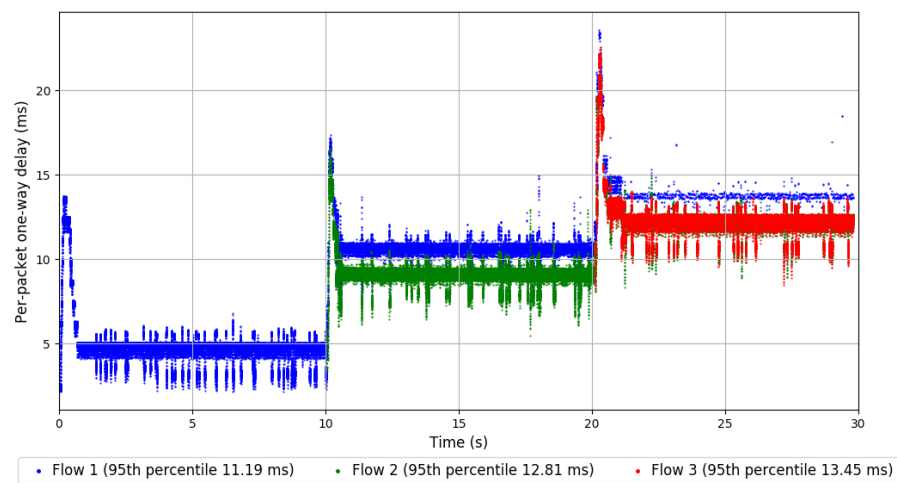
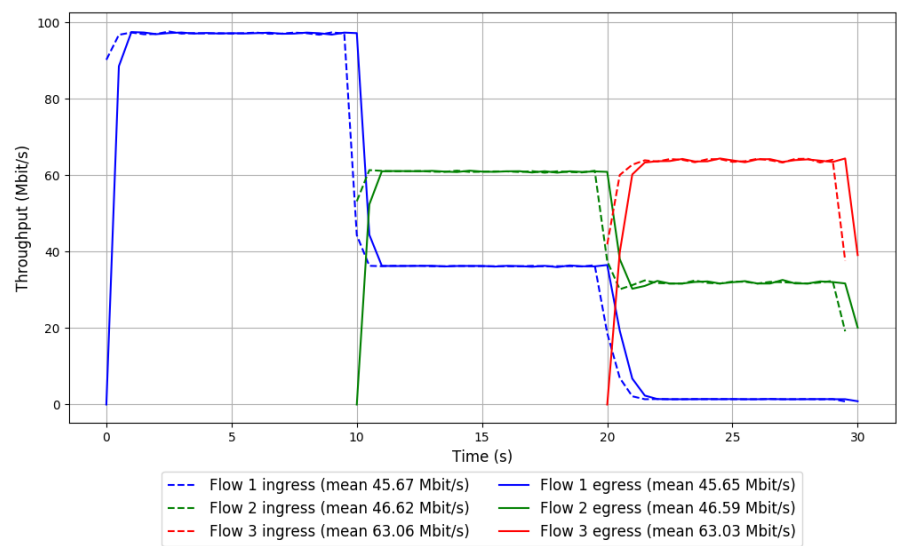
-- Flow 3:

Average throughput: 63.03 Mbit/s

95th percentile per-packet one-way delay: 13.447 ms

Loss rate: 0.00%

Run 7: Report of Indigo — Data Link

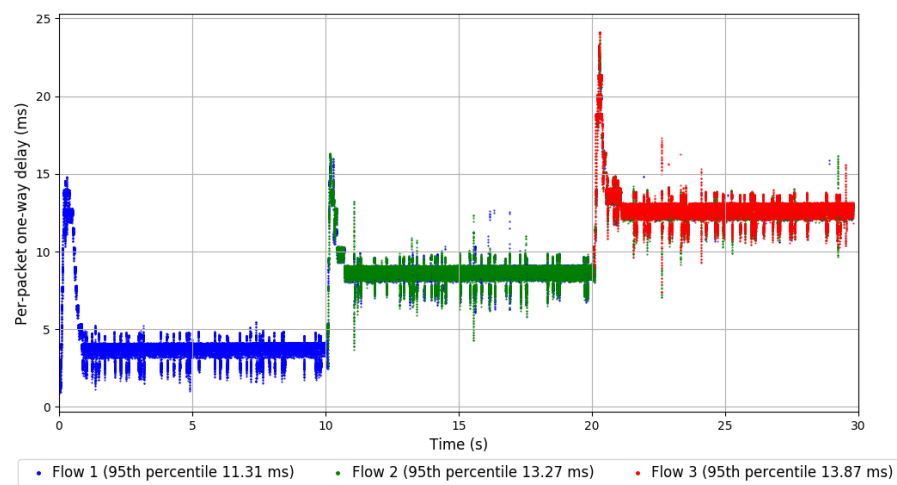
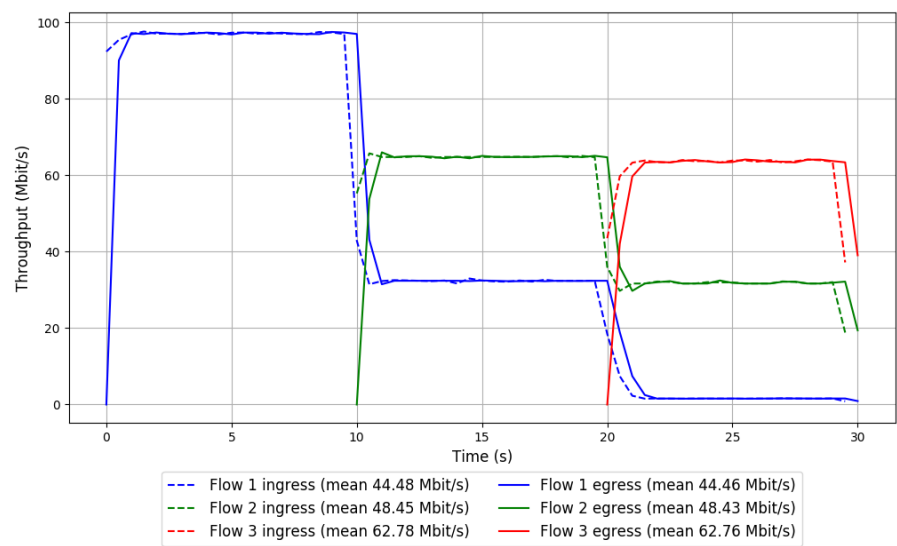


Run 8: Statistics of Indigo

Start at: 2018-05-24 16:03:11
End at: 2018-05-24 16:03:41
Local clock offset: -6.024 ms
Remote clock offset: 8.964 ms

Below is generated by plot.py at 2018-05-24 17:02:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.08 Mbit/s
95th percentile per-packet one-way delay: 13.313 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 44.46 Mbit/s
95th percentile per-packet one-way delay: 11.310 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 48.43 Mbit/s
95th percentile per-packet one-way delay: 13.267 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 62.76 Mbit/s
95th percentile per-packet one-way delay: 13.866 ms
Loss rate: 0.00%

Run 8: Report of Indigo — Data Link



Run 9: Statistics of Indigo

Start at: 2018-05-24 16:21:03

End at: 2018-05-24 16:21:33

Local clock offset: -6.759 ms

Remote clock offset: 7.708 ms

Below is generated by plot.py at 2018-05-24 17:02:02

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.21 Mbit/s

95th percentile per-packet one-way delay: 13.640 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 45.17 Mbit/s

95th percentile per-packet one-way delay: 11.992 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 47.52 Mbit/s

95th percentile per-packet one-way delay: 13.699 ms

Loss rate: 0.00%

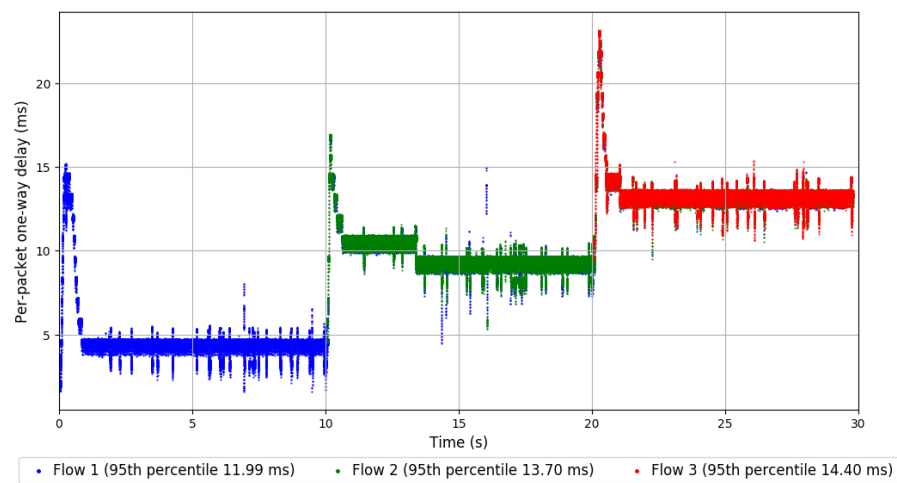
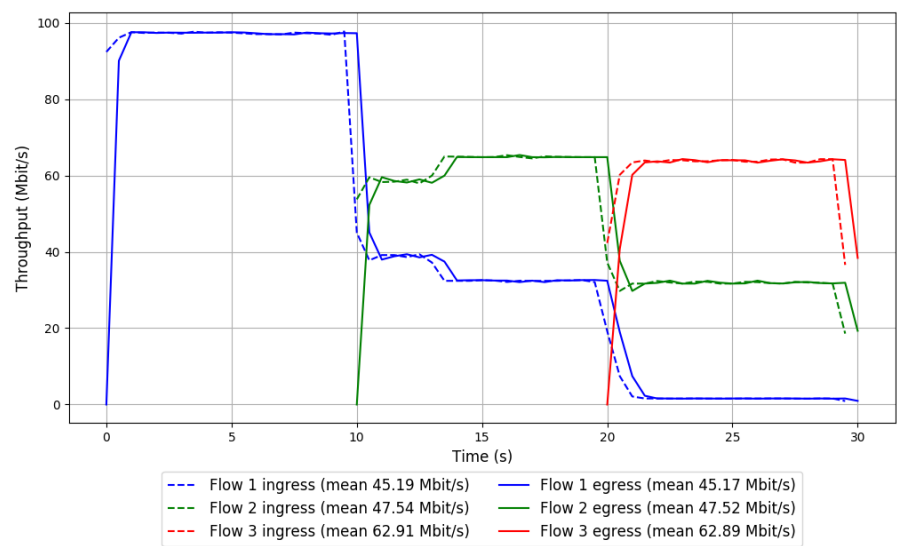
-- Flow 3:

Average throughput: 62.89 Mbit/s

95th percentile per-packet one-way delay: 14.397 ms

Loss rate: 0.00%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2018-05-24 16:38:55

End at: 2018-05-24 16:39:25

Local clock offset: -6.134 ms

Remote clock offset: 3.617 ms

Below is generated by plot.py at 2018-05-24 17:02:03

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.23 Mbit/s

95th percentile per-packet one-way delay: 11.973 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 47.68 Mbit/s

95th percentile per-packet one-way delay: 10.417 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 37.15 Mbit/s

95th percentile per-packet one-way delay: 12.259 ms

Loss rate: 0.00%

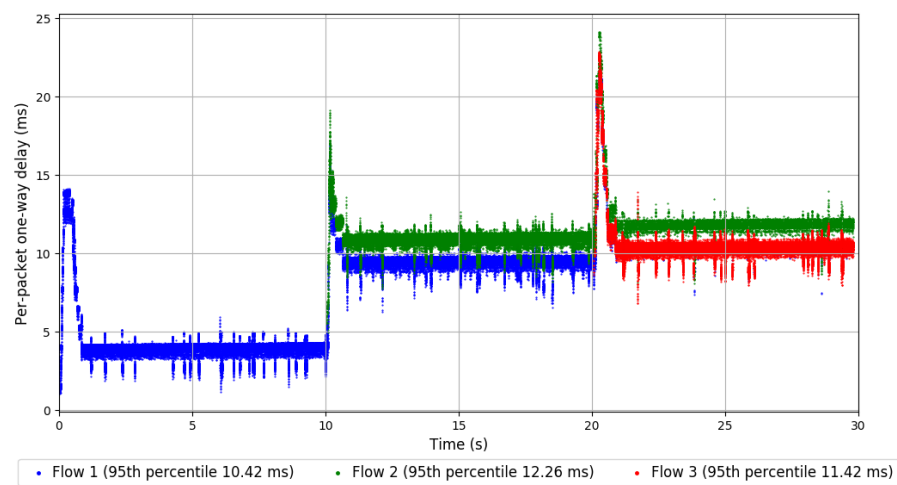
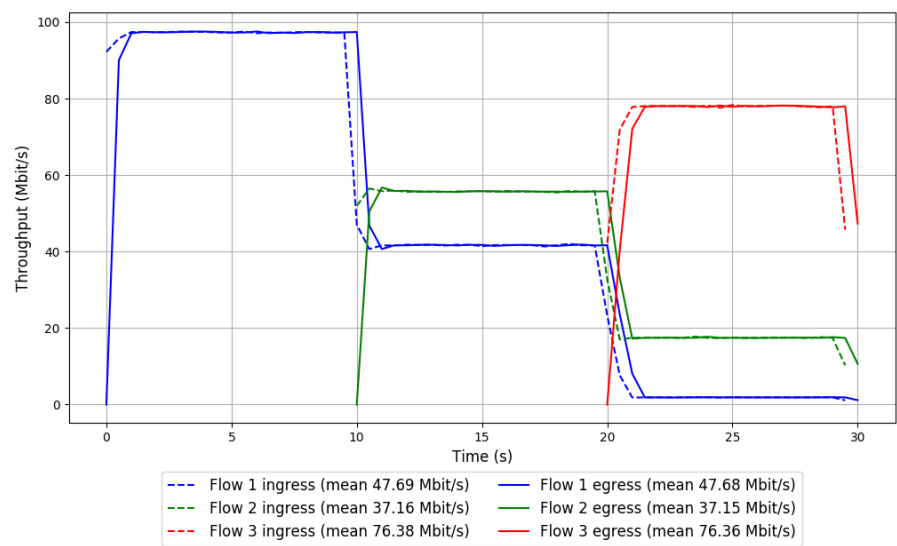
-- Flow 3:

Average throughput: 76.36 Mbit/s

95th percentile per-packet one-way delay: 11.416 ms

Loss rate: 0.00%

Run 10: Report of Indigo — Data Link

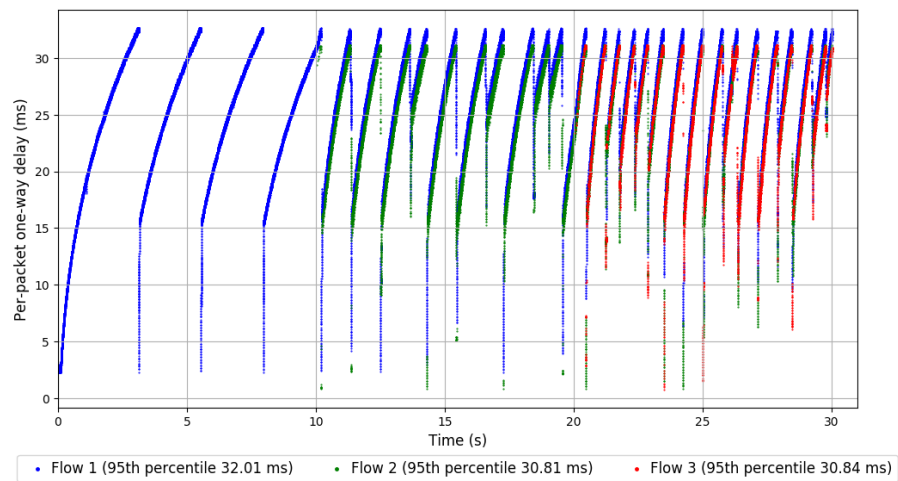
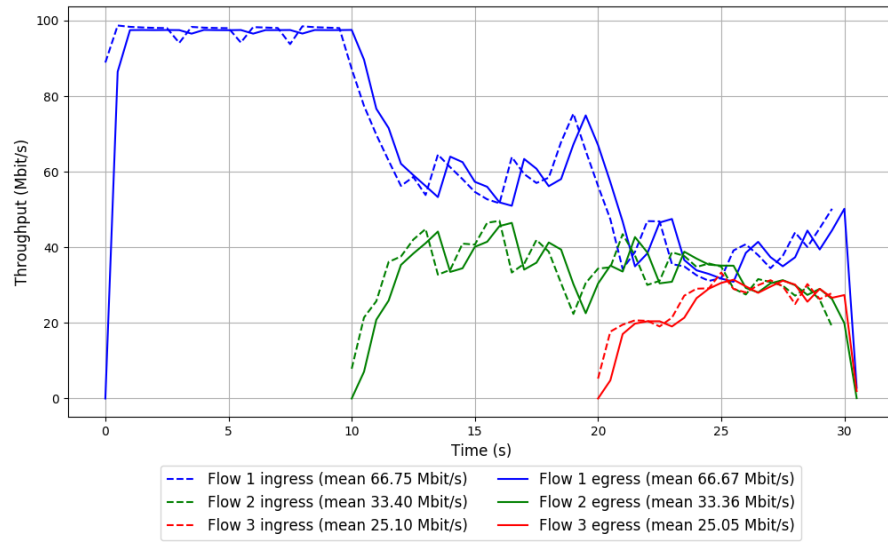


```
Run 1: Statistics of LEDBAT

Start at: 2018-05-24 14:00:20
End at: 2018-05-24 14:00:50
Local clock offset: -5.741 ms
Remote clock offset: -2.153 ms

# Below is generated by plot.py at 2018-05-24 17:02:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.20 Mbit/s
95th percentile per-packet one-way delay: 31.823 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 66.67 Mbit/s
95th percentile per-packet one-way delay: 32.009 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 33.36 Mbit/s
95th percentile per-packet one-way delay: 30.814 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 25.05 Mbit/s
95th percentile per-packet one-way delay: 30.845 ms
Loss rate: 0.15%
```

Run 1: Report of LEDBAT — Data Link

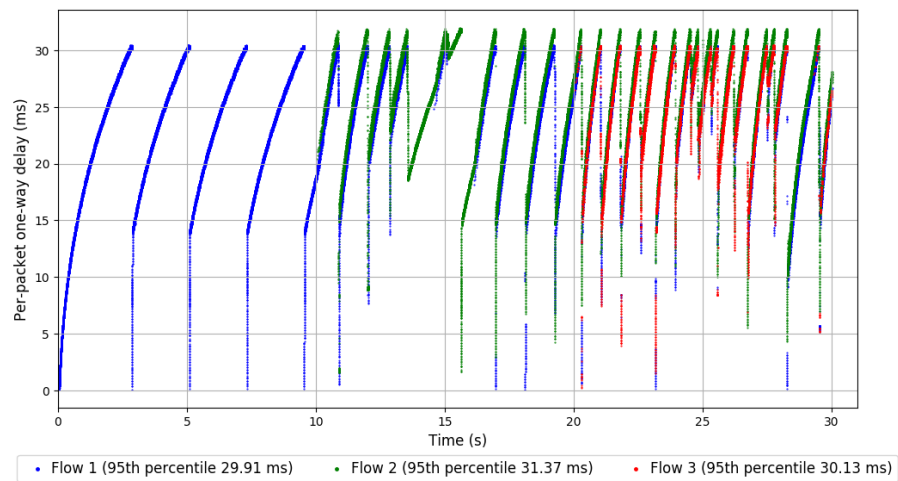
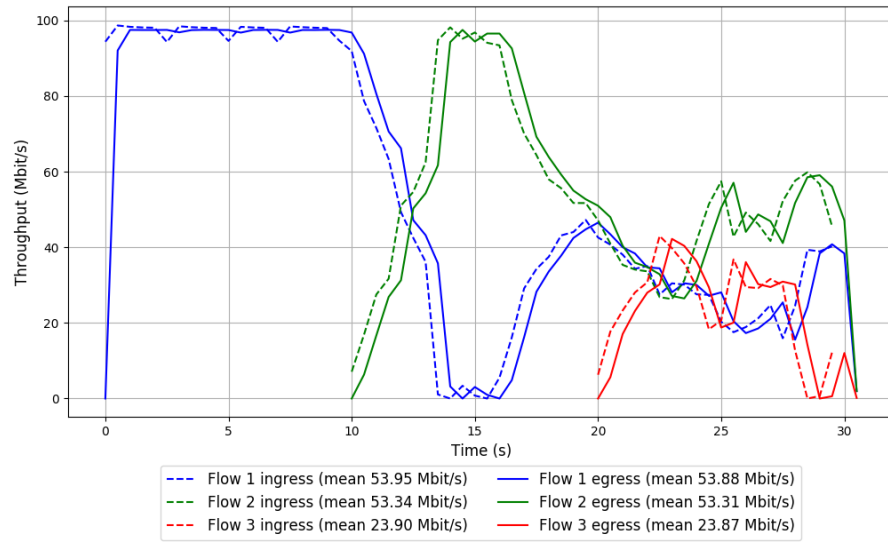


Run 2: Statistics of LEDBAT

Start at: 2018-05-24 14:18:12
End at: 2018-05-24 14:18:42
Local clock offset: -4.936 ms
Remote clock offset: -1.791 ms

Below is generated by plot.py at 2018-05-24 17:02:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.29 Mbit/s
95th percentile per-packet one-way delay: 30.602 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 53.88 Mbit/s
95th percentile per-packet one-way delay: 29.912 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 53.31 Mbit/s
95th percentile per-packet one-way delay: 31.371 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 23.87 Mbit/s
95th percentile per-packet one-way delay: 30.134 ms
Loss rate: 0.13%

Run 2: Report of LEDBAT — Data Link

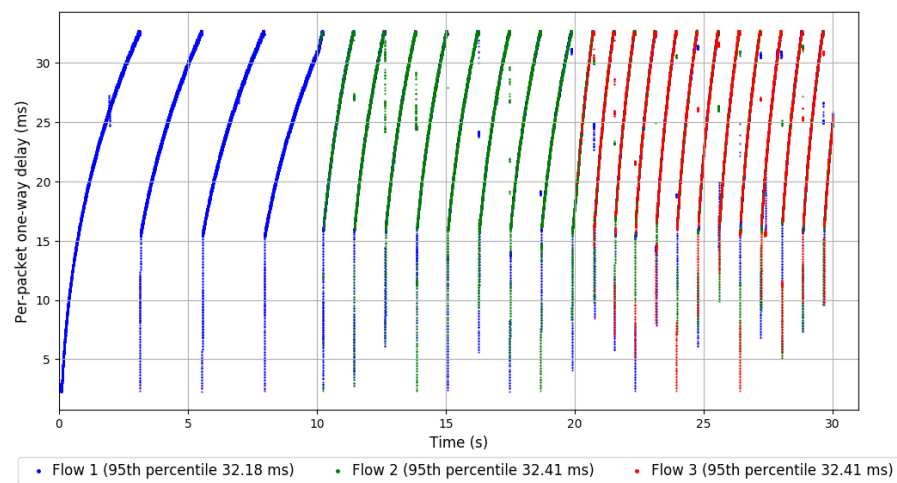
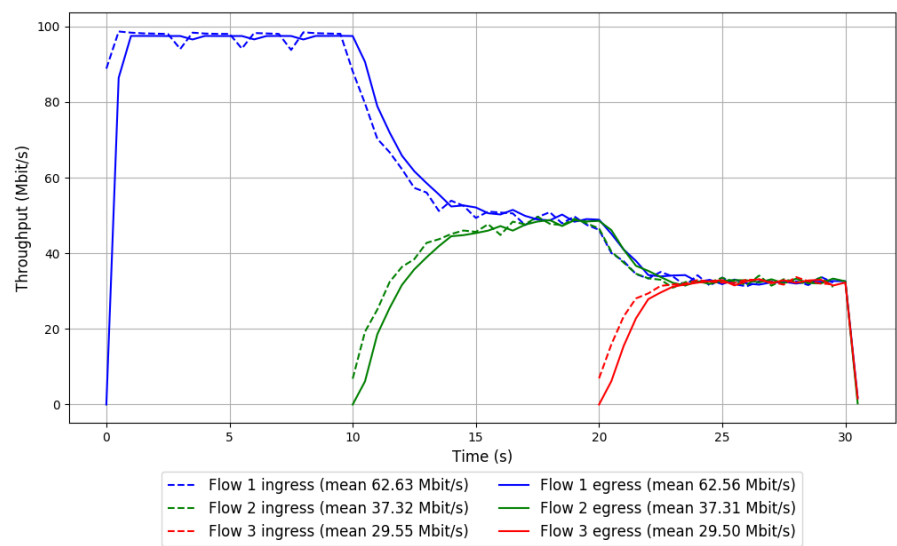


Run 3: Statistics of LEDBAT

Start at: 2018-05-24 14:36:04
End at: 2018-05-24 14:36:34
Local clock offset: -5.924 ms
Remote clock offset: -1.779 ms

Below is generated by plot.py at 2018-05-24 17:02:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.19 Mbit/s
95th percentile per-packet one-way delay: 32.217 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 62.56 Mbit/s
95th percentile per-packet one-way delay: 32.182 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 37.31 Mbit/s
95th percentile per-packet one-way delay: 32.408 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 29.50 Mbit/s
95th percentile per-packet one-way delay: 32.411 ms
Loss rate: 0.09%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2018-05-24 14:53:56

End at: 2018-05-24 14:54:26

Local clock offset: -5.173 ms

Remote clock offset: -1.71 ms

Below is generated by plot.py at 2018-05-24 17:02:18

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.19 Mbit/s

95th percentile per-packet one-way delay: 31.155 ms

Loss rate: 0.05%

-- Flow 1:

Average throughput: 68.88 Mbit/s

95th percentile per-packet one-way delay: 31.250 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 32.92 Mbit/s

95th percentile per-packet one-way delay: 29.960 ms

Loss rate: 0.14%

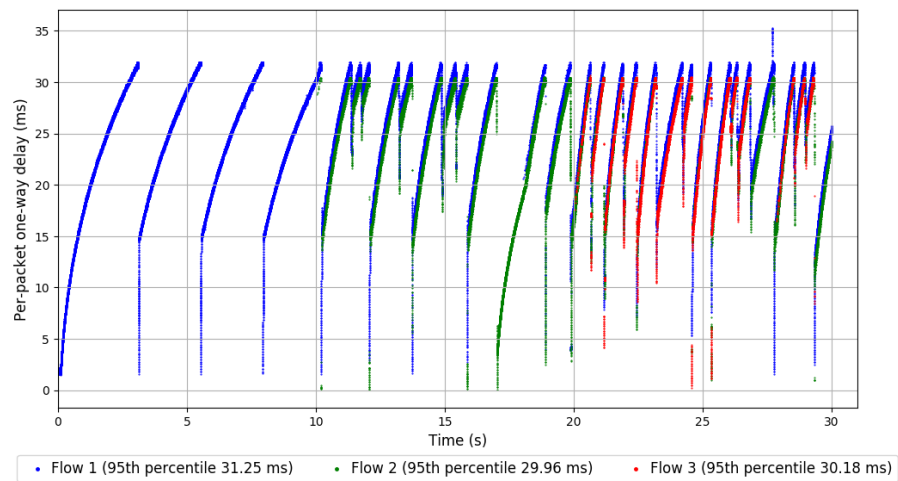
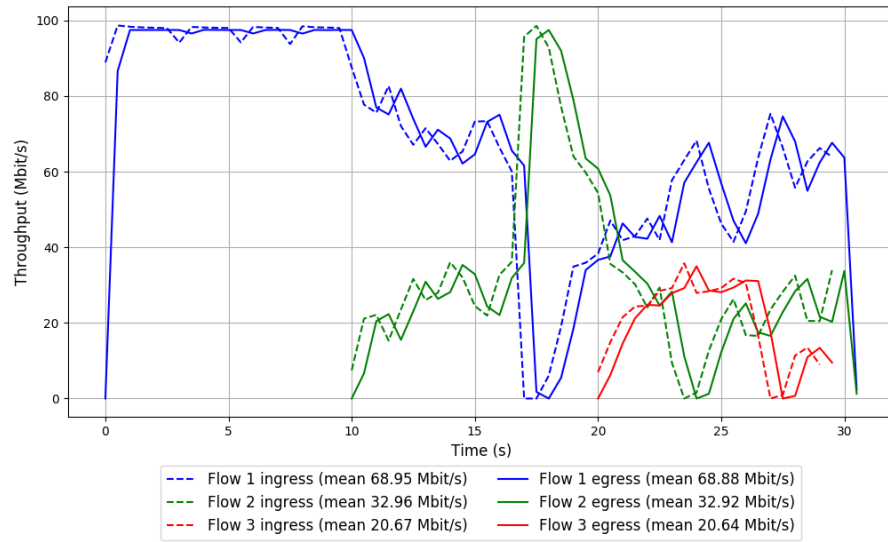
-- Flow 3:

Average throughput: 20.64 Mbit/s

95th percentile per-packet one-way delay: 30.177 ms

Loss rate: 0.20%

Run 4: Report of LEDBAT — Data Link

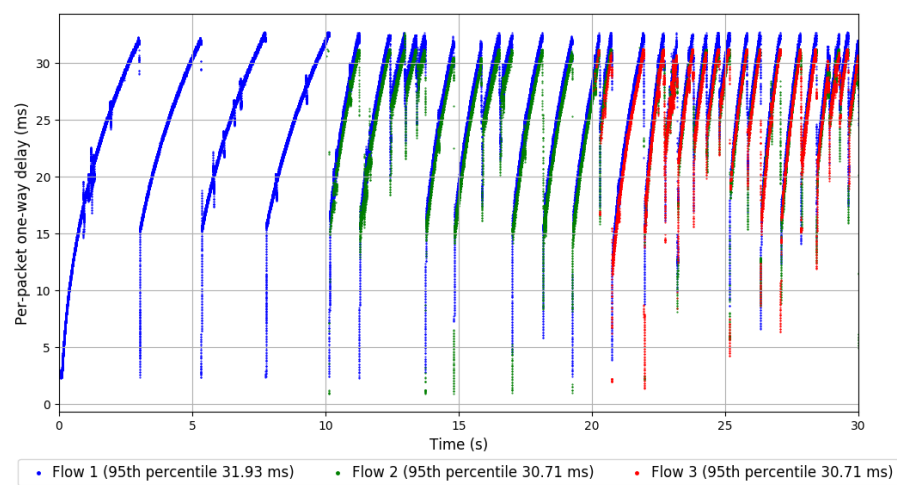
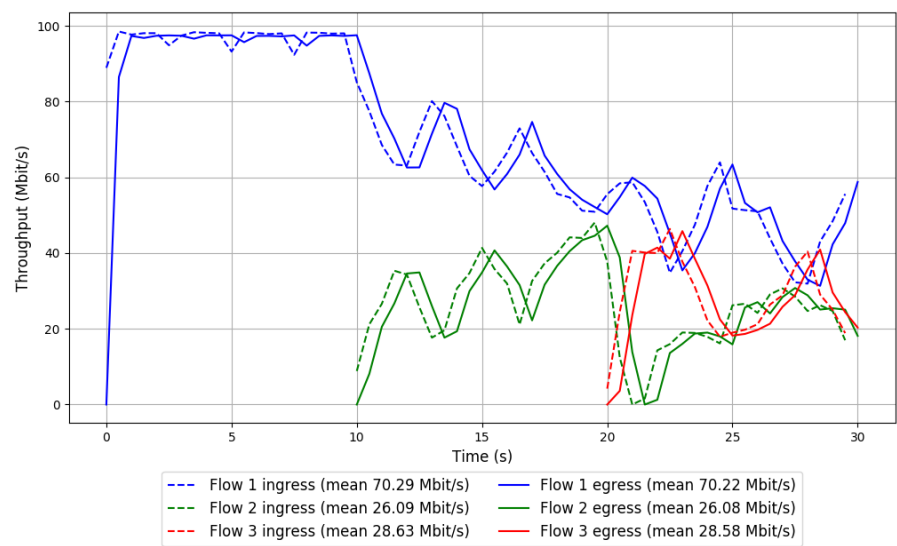


Run 5: Statistics of LEDBAT

Start at: 2018-05-24 15:11:47
End at: 2018-05-24 15:12:17
Local clock offset: -5.61 ms
Remote clock offset: -2.034 ms

Below is generated by plot.py at 2018-05-24 17:03:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.04 Mbit/s
95th percentile per-packet one-way delay: 31.696 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 70.22 Mbit/s
95th percentile per-packet one-way delay: 31.926 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 26.08 Mbit/s
95th percentile per-packet one-way delay: 30.707 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 28.58 Mbit/s
95th percentile per-packet one-way delay: 30.707 ms
Loss rate: 0.15%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: 2018-05-24 15:29:39

End at: 2018-05-24 15:30:09

Local clock offset: -4.919 ms

Remote clock offset: 1.022 ms

Below is generated by plot.py at 2018-05-24 17:03:17

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.90 Mbit/s

95th percentile per-packet one-way delay: 30.592 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 60.14 Mbit/s

95th percentile per-packet one-way delay: 30.289 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 38.36 Mbit/s

95th percentile per-packet one-way delay: 30.905 ms

Loss rate: 0.06%

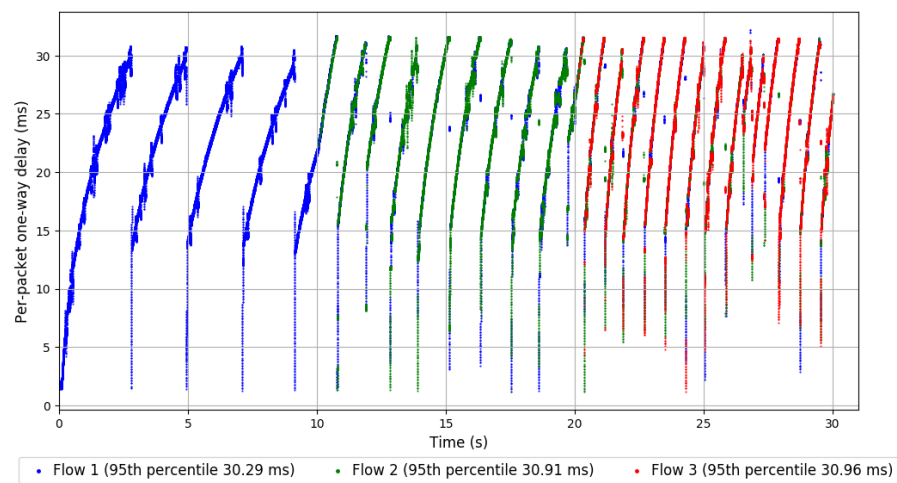
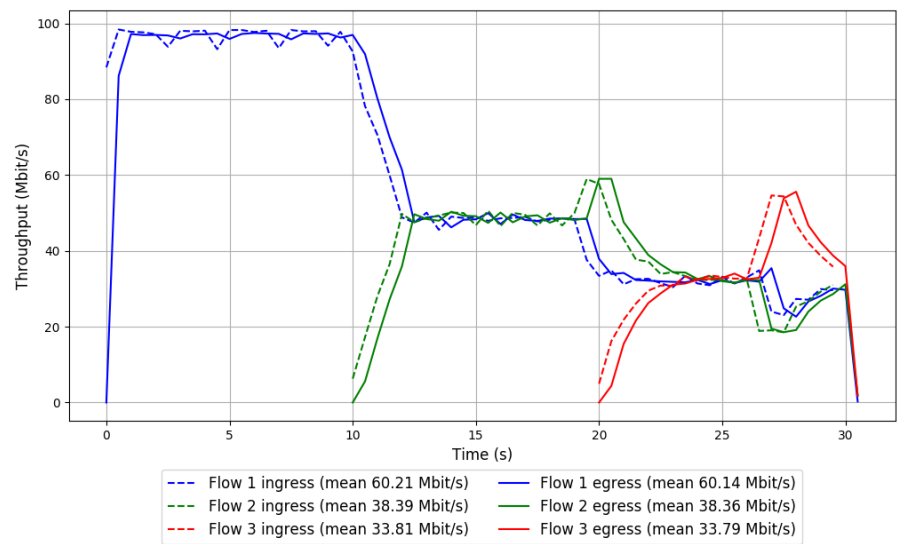
-- Flow 3:

Average throughput: 33.79 Mbit/s

95th percentile per-packet one-way delay: 30.962 ms

Loss rate: 0.06%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2018-05-24 15:47:31

End at: 2018-05-24 15:48:01

Local clock offset: -5.935 ms

Remote clock offset: 7.802 ms

Below is generated by plot.py at 2018-05-24 17:03:18

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.91 Mbit/s

95th percentile per-packet one-way delay: 31.593 ms

Loss rate: 0.06%

-- Flow 1:

Average throughput: 65.45 Mbit/s

95th percentile per-packet one-way delay: 31.658 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 30.16 Mbit/s

95th percentile per-packet one-way delay: 30.584 ms

Loss rate: 0.18%

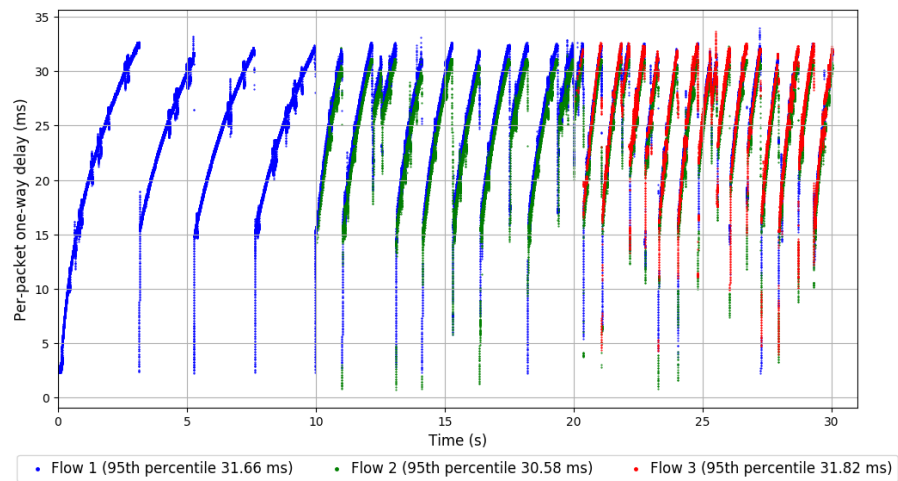
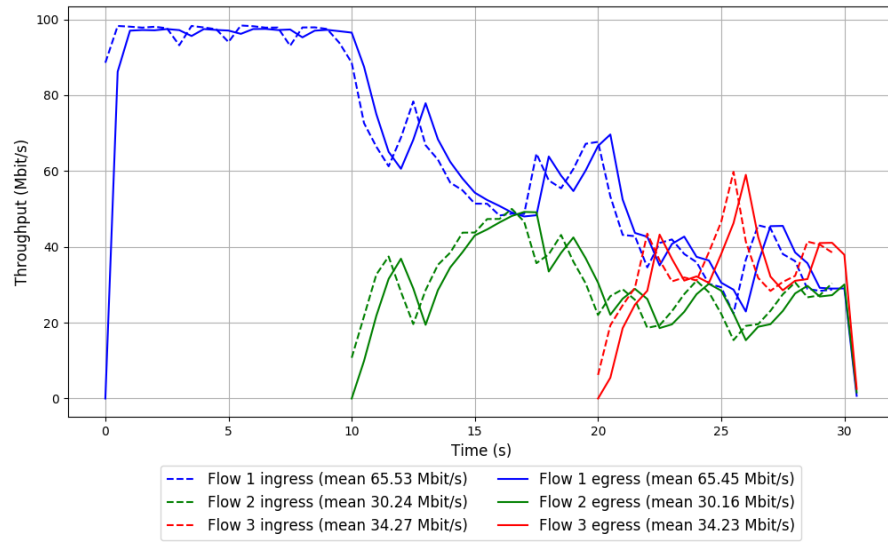
-- Flow 3:

Average throughput: 34.23 Mbit/s

95th percentile per-packet one-way delay: 31.816 ms

Loss rate: 0.08%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2018-05-24 16:05:23

End at: 2018-05-24 16:05:53

Local clock offset: -5.202 ms

Remote clock offset: 8.41 ms

Below is generated by plot.py at 2018-05-24 17:03:19

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.76 Mbit/s

95th percentile per-packet one-way delay: 30.263 ms

Loss rate: 0.08%

-- Flow 1:

Average throughput: 57.72 Mbit/s

95th percentile per-packet one-way delay: 29.494 ms

Loss rate: 0.09%

-- Flow 2:

Average throughput: 41.46 Mbit/s

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

Loss rate: 0.06%

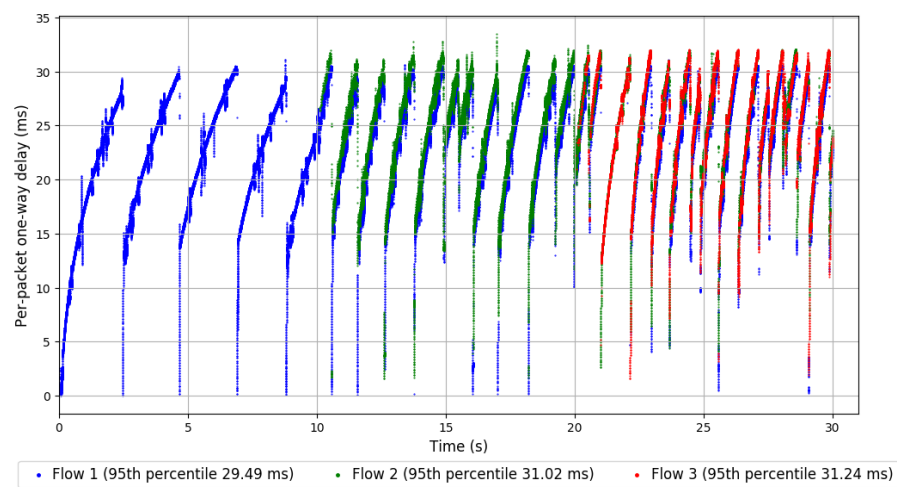
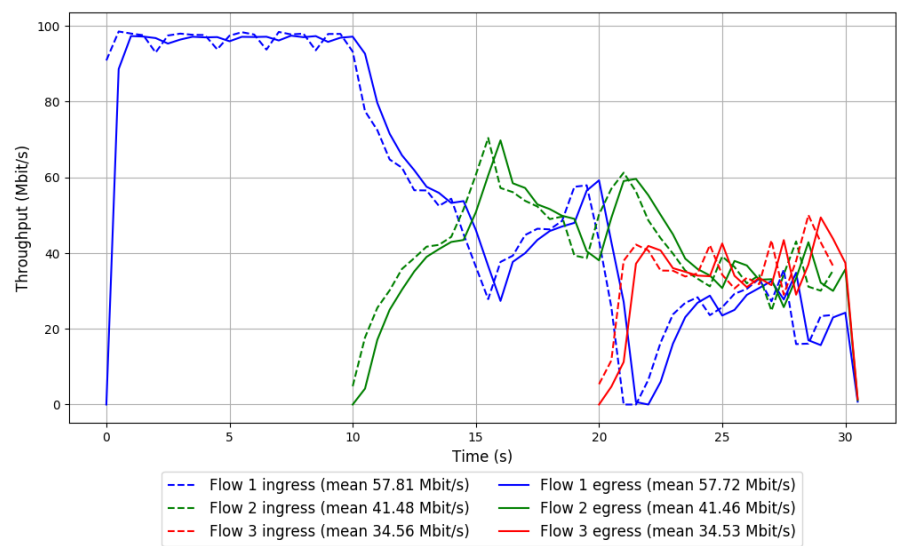
-- Flow 3:

Average throughput: 34.53 Mbit/s

95th percentile per-packet one-way delay: 31.243 ms

Loss rate: 0.07%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: 2018-05-24 16:23:16

End at: 2018-05-24 16:23:46

Local clock offset: -6.038 ms

Remote clock offset: 7.696 ms

Below is generated by plot.py at 2018-05-24 17:03:21

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.92 Mbit/s

95th percentile per-packet one-way delay: 31.860 ms

Loss rate: 0.05%

-- Flow 1:

Average throughput: 61.81 Mbit/s

95th percentile per-packet one-way delay: 31.838 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 39.74 Mbit/s

95th percentile per-packet one-way delay: 31.895 ms

Loss rate: 0.06%

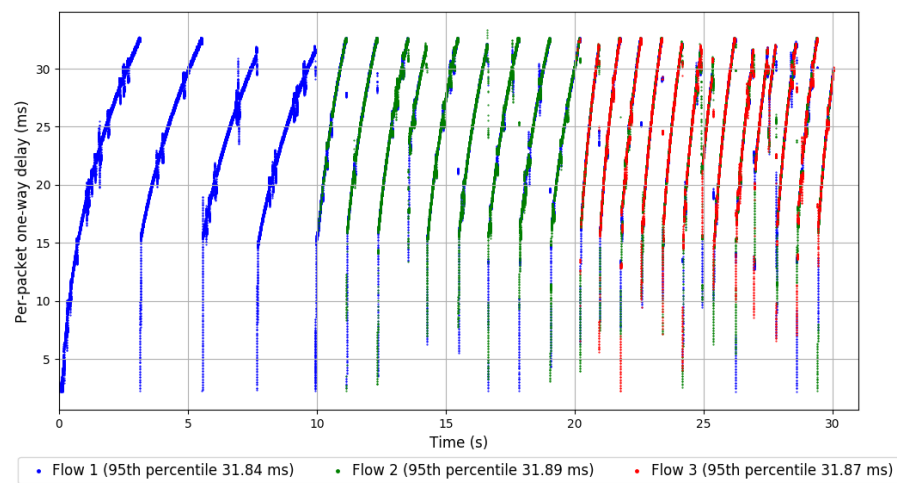
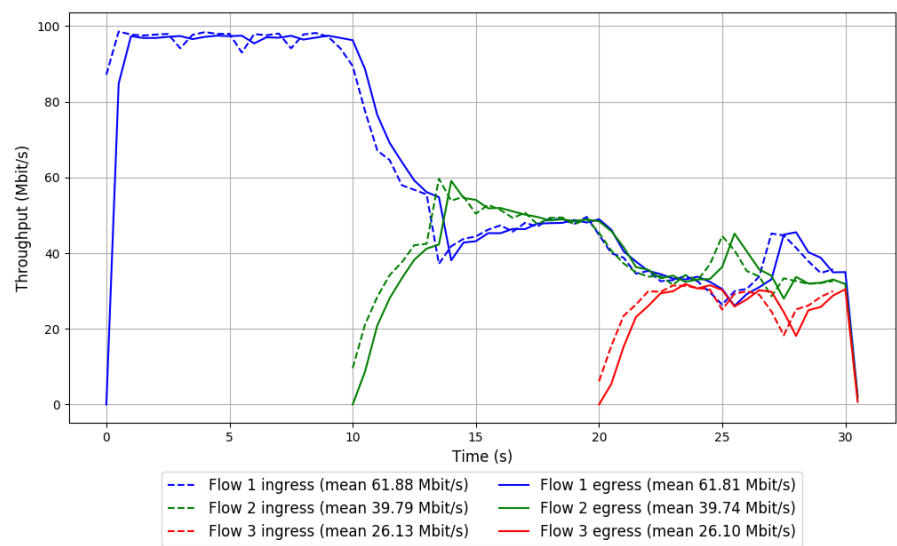
-- Flow 3:

Average throughput: 26.10 Mbit/s

95th percentile per-packet one-way delay: 31.871 ms

Loss rate: 0.11%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2018-05-24 16:41:08

End at: 2018-05-24 16:41:38

Local clock offset: -5.309 ms

Remote clock offset: 2.128 ms

Below is generated by plot.py at 2018-05-24 17:03:22

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.00 Mbit/s

95th percentile per-packet one-way delay: 31.326 ms

Loss rate: 0.07%

-- Flow 1:

Average throughput: 66.50 Mbit/s

95th percentile per-packet one-way delay: 31.388 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 30.93 Mbit/s

95th percentile per-packet one-way delay: 30.265 ms

Loss rate: 0.18%

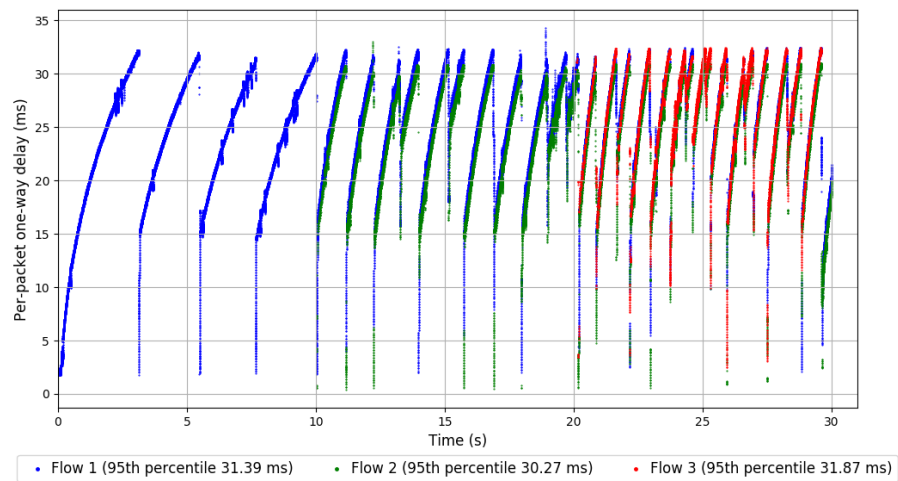
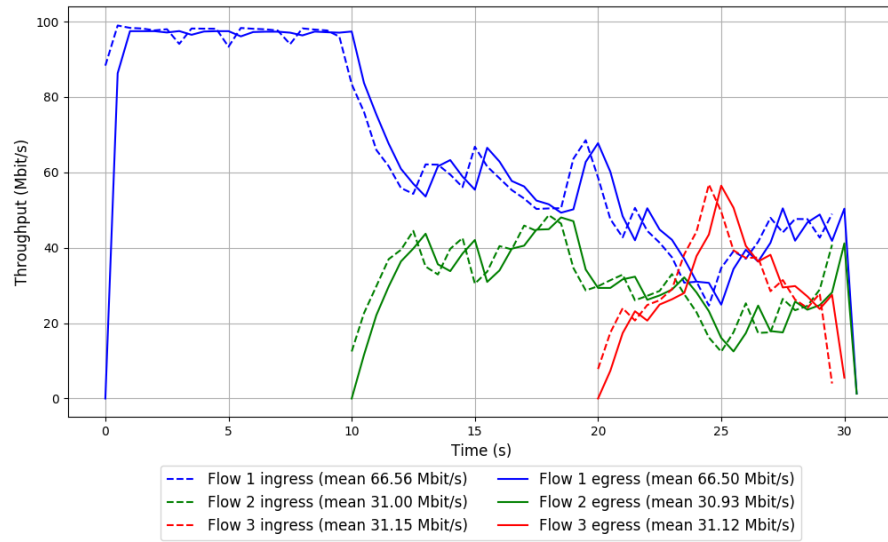
-- Flow 3:

Average throughput: 31.12 Mbit/s

95th percentile per-packet one-way delay: 31.870 ms

Loss rate: 0.07%

Run 10: Report of LEDBAT — Data Link

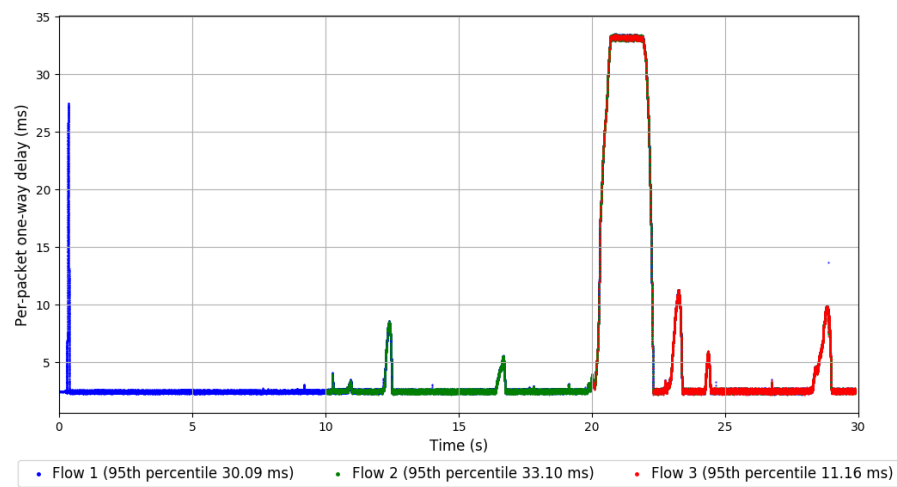
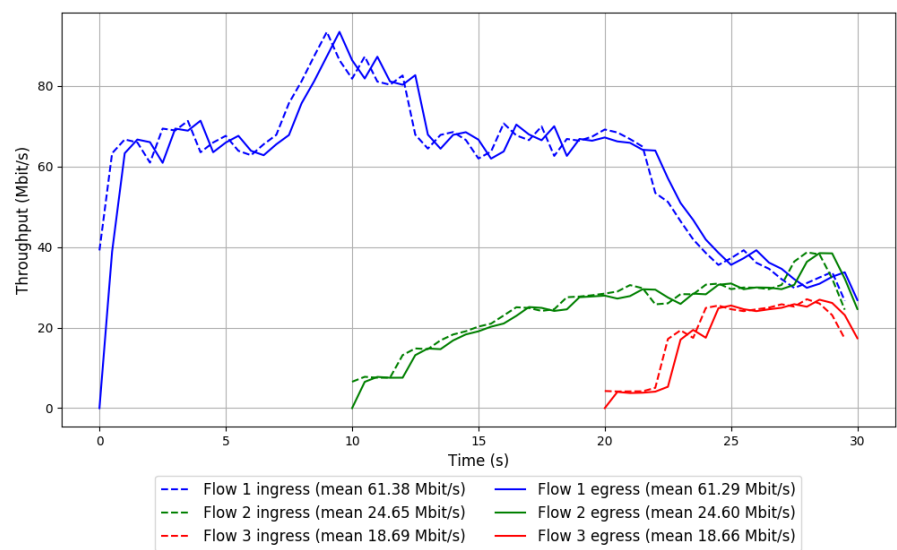


Run 1: Statistics of PCC-Allegro

Start at: 2018-05-24 14:03:42
End at: 2018-05-24 14:04:12
Local clock offset: -5.789 ms
Remote clock offset: -2.062 ms

Below is generated by plot.py at 2018-05-24 17:03:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.79 Mbit/s
95th percentile per-packet one-way delay: 32.190 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 61.29 Mbit/s
95th percentile per-packet one-way delay: 30.093 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 24.60 Mbit/s
95th percentile per-packet one-way delay: 33.103 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 18.66 Mbit/s
95th percentile per-packet one-way delay: 11.157 ms
Loss rate: 0.20%

Run 1: Report of PCC-Allegro — Data Link

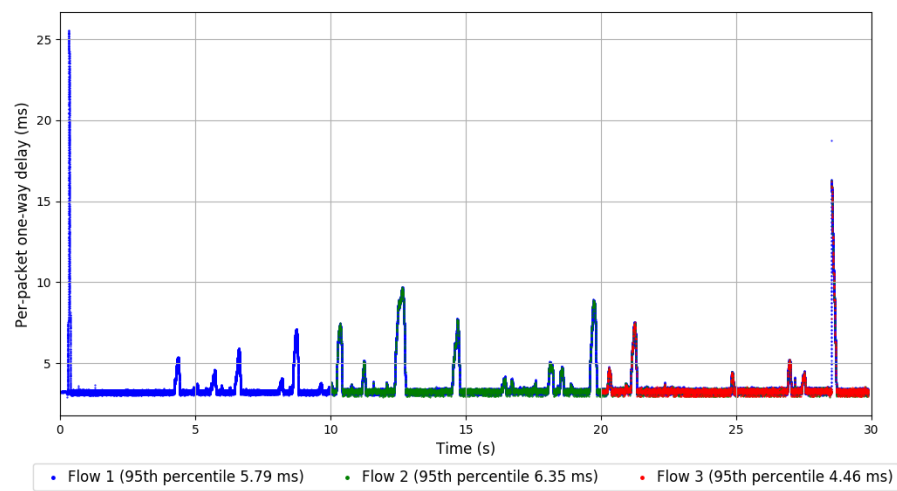
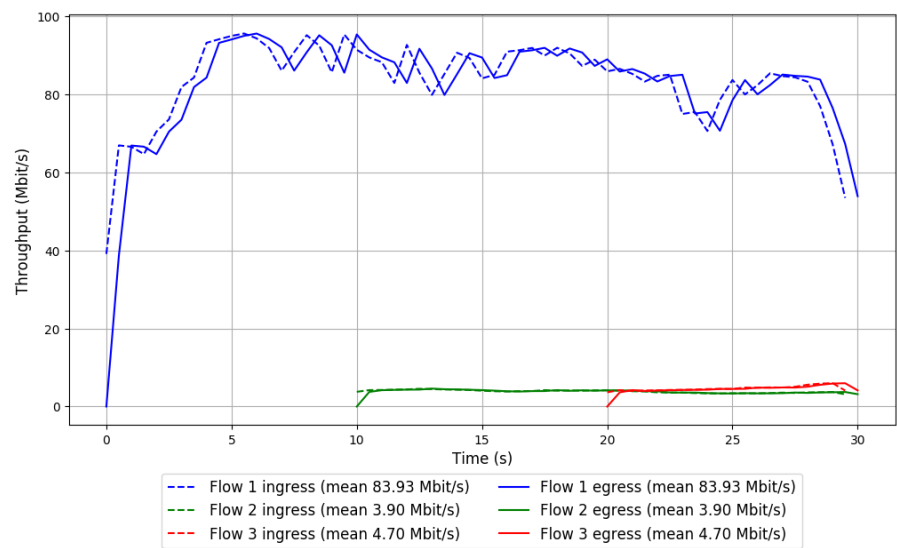


Run 2: Statistics of PCC-Allegro

Start at: 2018-05-24 14:21:34
End at: 2018-05-24 14:22:04
Local clock offset: -6.53 ms
Remote clock offset: -1.788 ms

Below is generated by plot.py at 2018-05-24 17:03:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.08 Mbit/s
95th percentile per-packet one-way delay: 5.787 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 83.93 Mbit/s
95th percentile per-packet one-way delay: 5.787 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.90 Mbit/s
95th percentile per-packet one-way delay: 6.350 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.70 Mbit/s
95th percentile per-packet one-way delay: 4.465 ms
Loss rate: 0.00%

Run 2: Report of PCC-Allegro — Data Link

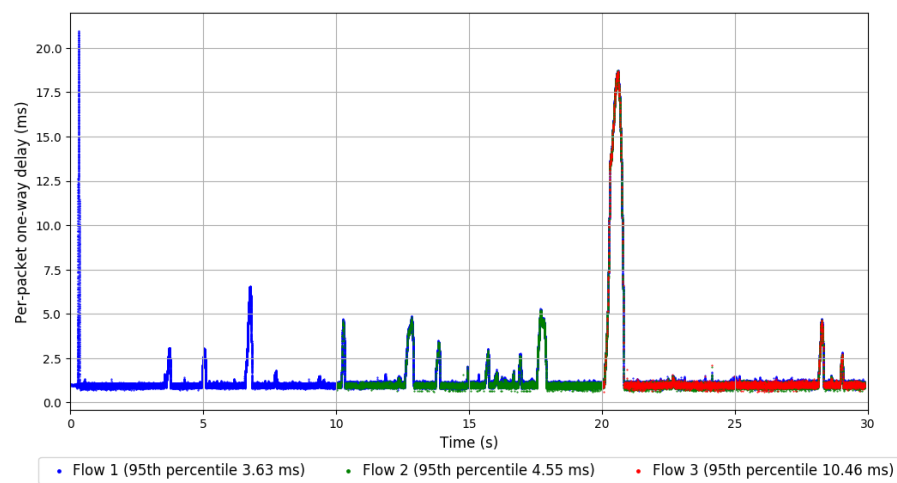
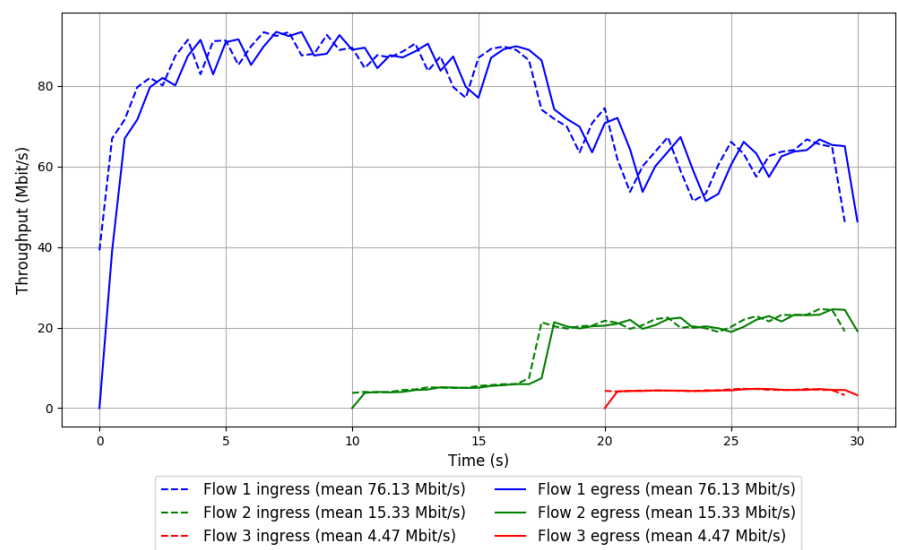


Run 3: Statistics of PCC-Allegro

Start at: 2018-05-24 14:39:26
End at: 2018-05-24 14:39:56
Local clock offset: -5.871 ms
Remote clock offset: -1.709 ms

Below is generated by plot.py at 2018-05-24 17:04:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.79 Mbit/s
95th percentile per-packet one-way delay: 3.879 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 76.13 Mbit/s
95th percentile per-packet one-way delay: 3.632 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 15.33 Mbit/s
95th percentile per-packet one-way delay: 4.549 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.47 Mbit/s
95th percentile per-packet one-way delay: 10.464 ms
Loss rate: 0.00%

Run 3: Report of PCC-Allegro — Data Link

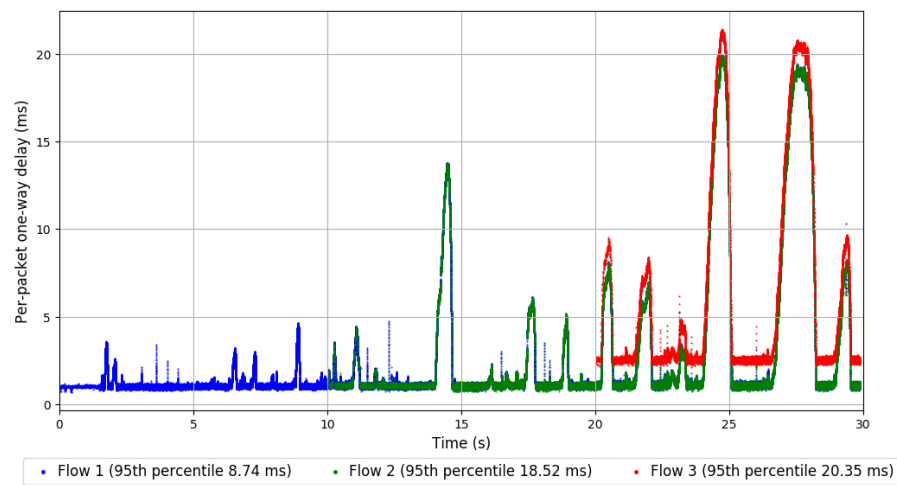
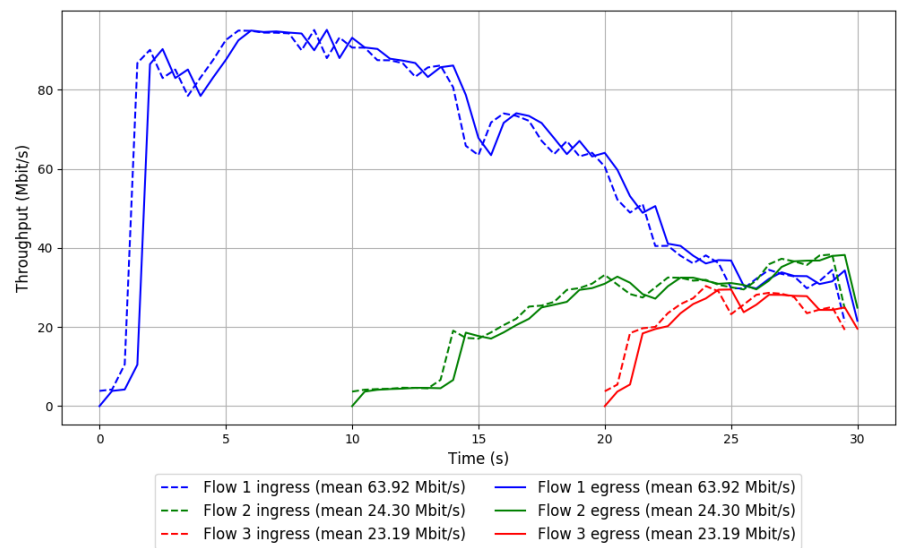


Run 4: Statistics of PCC-Allegro

Start at: 2018-05-24 14:57:18
End at: 2018-05-24 14:57:48
Local clock offset: -5.885 ms
Remote clock offset: -1.806 ms

Below is generated by plot.py at 2018-05-24 17:04:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.72 Mbit/s
95th percentile per-packet one-way delay: 15.822 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 63.92 Mbit/s
95th percentile per-packet one-way delay: 8.745 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.30 Mbit/s
95th percentile per-packet one-way delay: 18.516 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 23.19 Mbit/s
95th percentile per-packet one-way delay: 20.351 ms
Loss rate: 0.00%

Run 4: Report of PCC-Allegro — Data Link

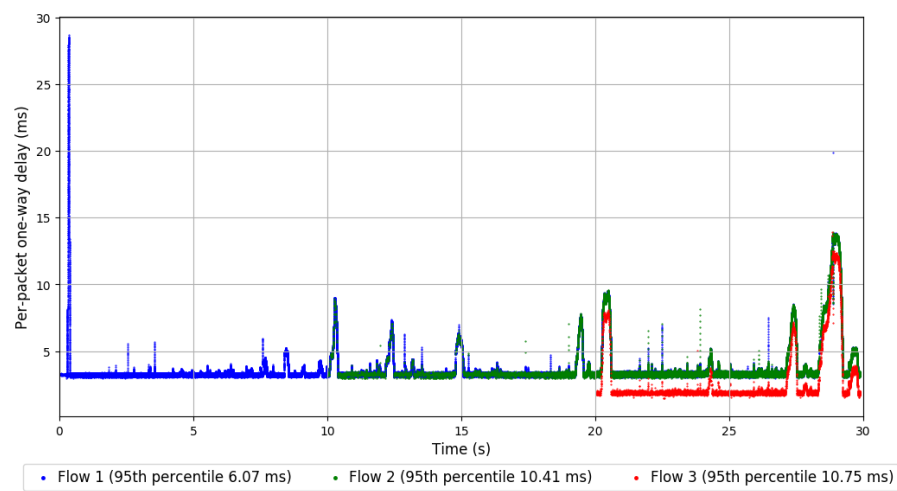
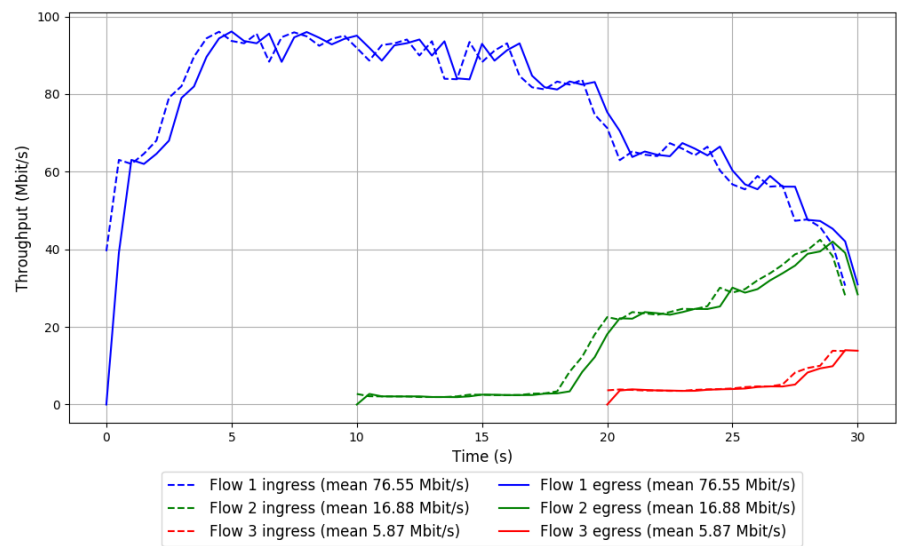


Run 5: Statistics of PCC-Allegro

Start at: 2018-05-24 15:15:09
End at: 2018-05-24 15:15:39
Local clock offset: -6.416 ms
Remote clock offset: -2.076 ms

Below is generated by plot.py at 2018-05-24 17:04:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.71 Mbit/s
95th percentile per-packet one-way delay: 7.205 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 76.55 Mbit/s
95th percentile per-packet one-way delay: 6.072 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 16.88 Mbit/s
95th percentile per-packet one-way delay: 10.411 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 5.87 Mbit/s
95th percentile per-packet one-way delay: 10.753 ms
Loss rate: 0.00%

Run 5: Report of PCC-Allegro — Data Link



Run 6: Statistics of PCC-Allegro

Start at: 2018-05-24 15:33:01

End at: 2018-05-24 15:33:31

Local clock offset: -6.61 ms

Remote clock offset: 2.988 ms

Below is generated by plot.py at 2018-05-24 17:04:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.18 Mbit/s

95th percentile per-packet one-way delay: 31.321 ms

Loss rate: 0.10%

-- Flow 1:

Average throughput: 62.06 Mbit/s

95th percentile per-packet one-way delay: 31.270 ms

Loss rate: 0.10%

-- Flow 2:

Average throughput: 26.74 Mbit/s

95th percentile per-packet one-way delay: 31.870 ms

Loss rate: 0.13%

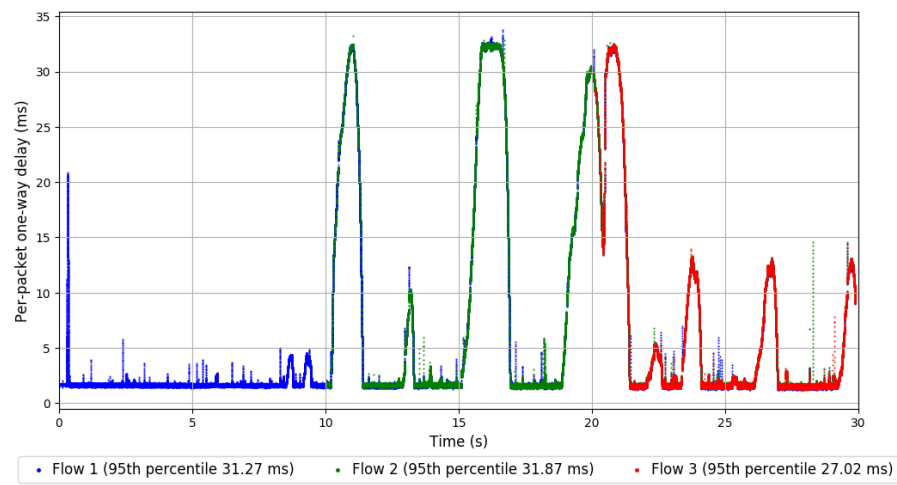
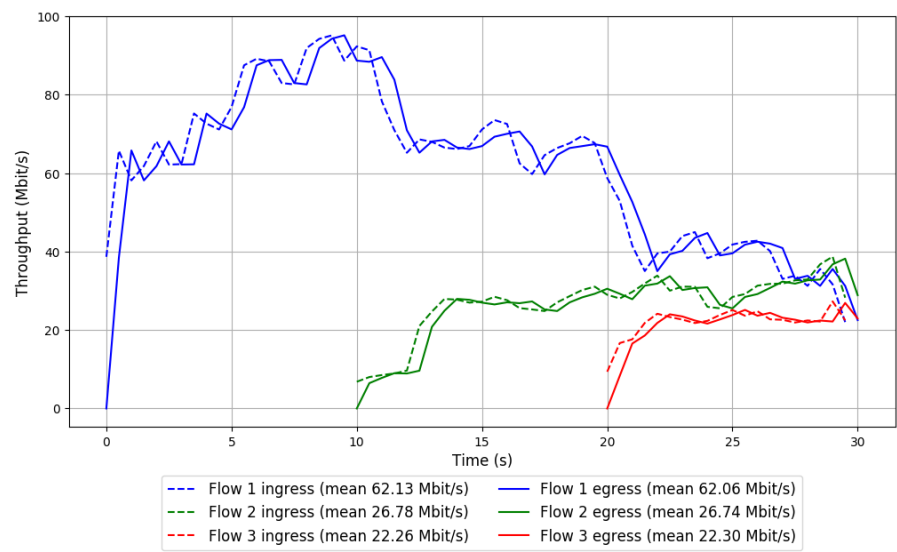
-- Flow 3:

Average throughput: 22.30 Mbit/s

95th percentile per-packet one-way delay: 27.019 ms

Loss rate: 0.03%

Run 6: Report of PCC-Allegro — Data Link



Run 7: Statistics of PCC-Allegro

Start at: 2018-05-24 15:50:53

End at: 2018-05-24 15:51:23

Local clock offset: -5.948 ms

Remote clock offset: 8.493 ms

Below is generated by plot.py at 2018-05-24 17:04:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 78.54 Mbit/s

95th percentile per-packet one-way delay: 2.987 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 68.21 Mbit/s

95th percentile per-packet one-way delay: 2.746 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 13.41 Mbit/s

95th percentile per-packet one-way delay: 3.215 ms

Loss rate: 0.00%

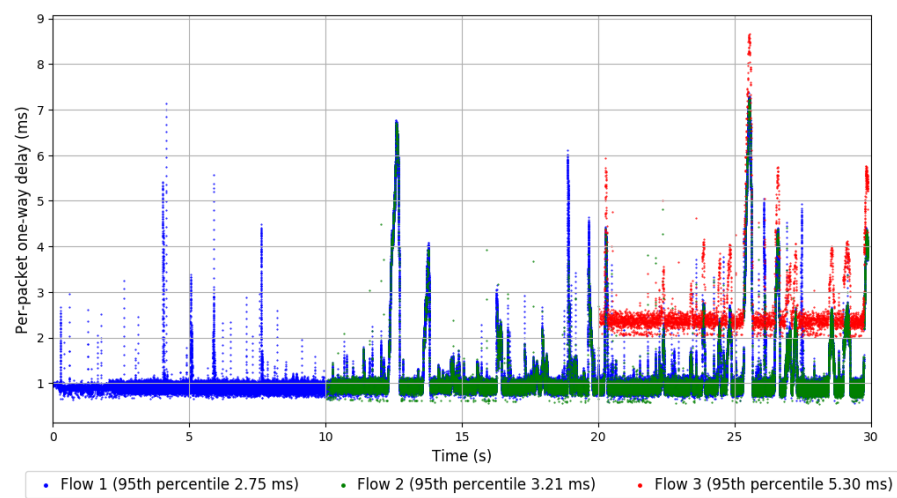
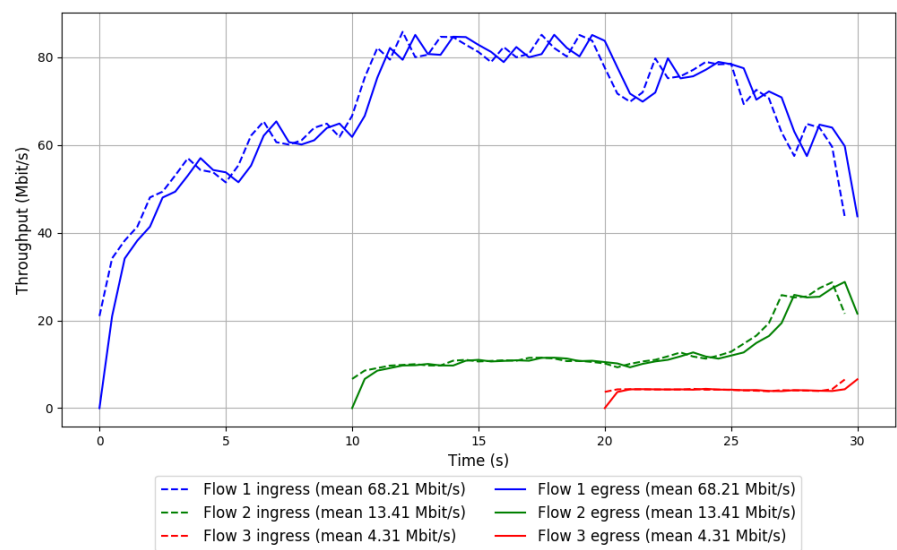
-- Flow 3:

Average throughput: 4.31 Mbit/s

95th percentile per-packet one-way delay: 5.297 ms

Loss rate: 0.00%

Run 7: Report of PCC-Allegro — Data Link



Run 8: Statistics of PCC-Allegro

Start at: 2018-05-24 16:08:46

End at: 2018-05-24 16:09:16

Local clock offset: -5.968 ms

Remote clock offset: 7.846 ms

Below is generated by plot.py at 2018-05-24 17:04:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 86.19 Mbit/s

95th percentile per-packet one-way delay: 19.658 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 71.38 Mbit/s

95th percentile per-packet one-way delay: 15.978 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 15.93 Mbit/s

95th percentile per-packet one-way delay: 23.571 ms

Loss rate: 0.05%

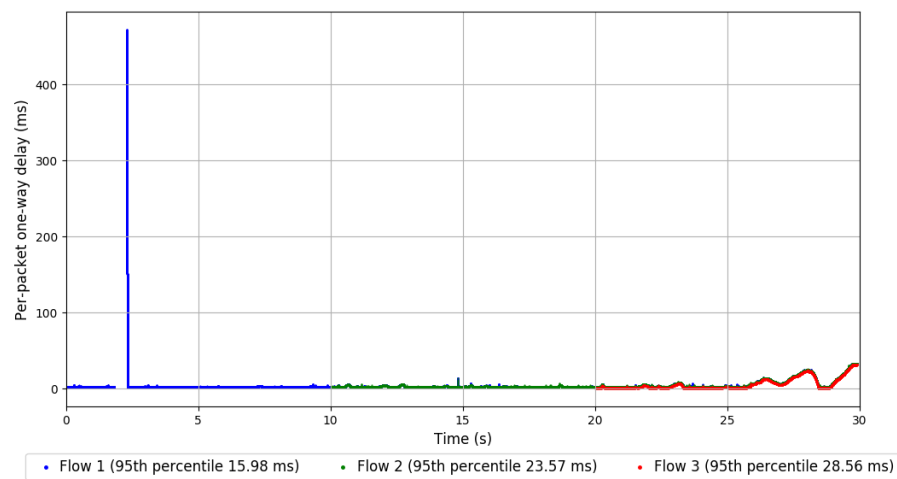
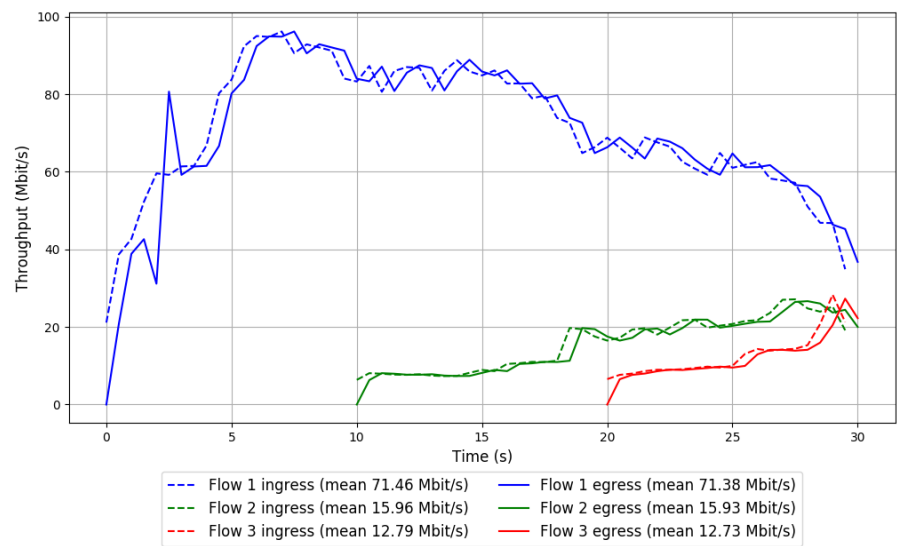
-- Flow 3:

Average throughput: 12.73 Mbit/s

95th percentile per-packet one-way delay: 28.559 ms

Loss rate: 0.12%

Run 8: Report of PCC-Allegro — Data Link



Run 9: Statistics of PCC-Allegro

Start at: 2018-05-24 16:26:38

End at: 2018-05-24 16:27:08

Local clock offset: -5.313 ms

Remote clock offset: 7.921 ms

Below is generated by plot.py at 2018-05-24 17:04:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 89.83 Mbit/s

95th percentile per-packet one-way delay: 6.120 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 77.54 Mbit/s

95th percentile per-packet one-way delay: 6.052 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 14.85 Mbit/s

95th percentile per-packet one-way delay: 6.434 ms

Loss rate: 0.00%

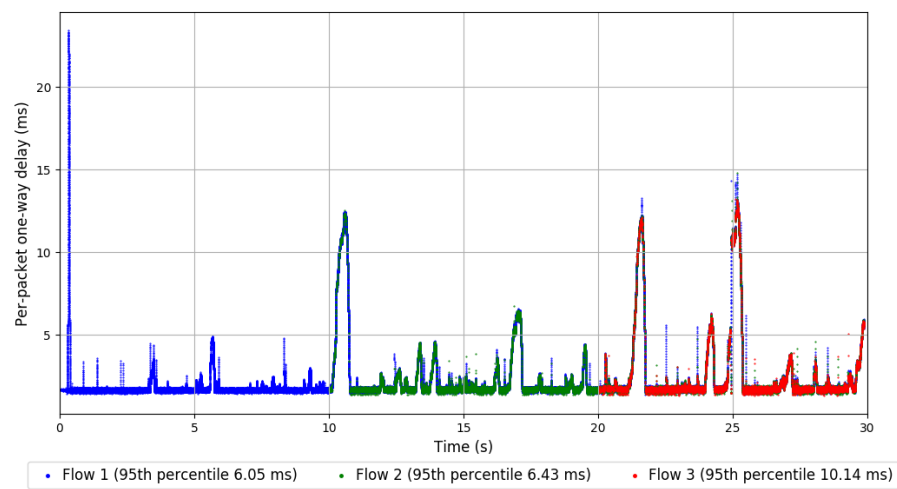
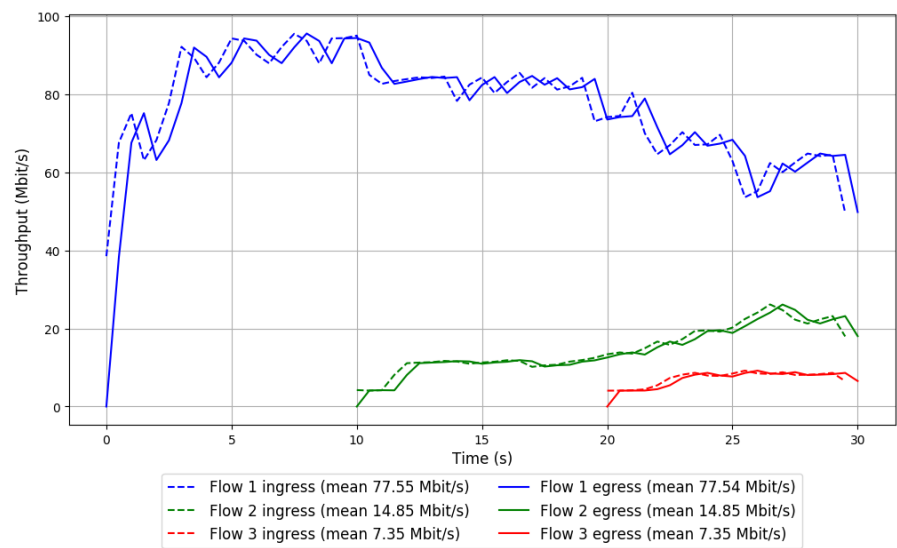
-- Flow 3:

Average throughput: 7.35 Mbit/s

95th percentile per-packet one-way delay: 10.145 ms

Loss rate: 0.00%

Run 9: Report of PCC-Allegro — Data Link



Run 10: Statistics of PCC-Allegro

Start at: 2018-05-24 16:44:30

End at: 2018-05-24 16:45:00

Local clock offset: -6.904 ms

Remote clock offset: 0.246 ms

Below is generated by plot.py at 2018-05-24 17:04:48

Datalink statistics

-- Total of 3 flows:

Average throughput: 85.71 Mbit/s

95th percentile per-packet one-way delay: 8.712 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 73.36 Mbit/s

95th percentile per-packet one-way delay: 8.517 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 16.29 Mbit/s

95th percentile per-packet one-way delay: 9.966 ms

Loss rate: 0.00%

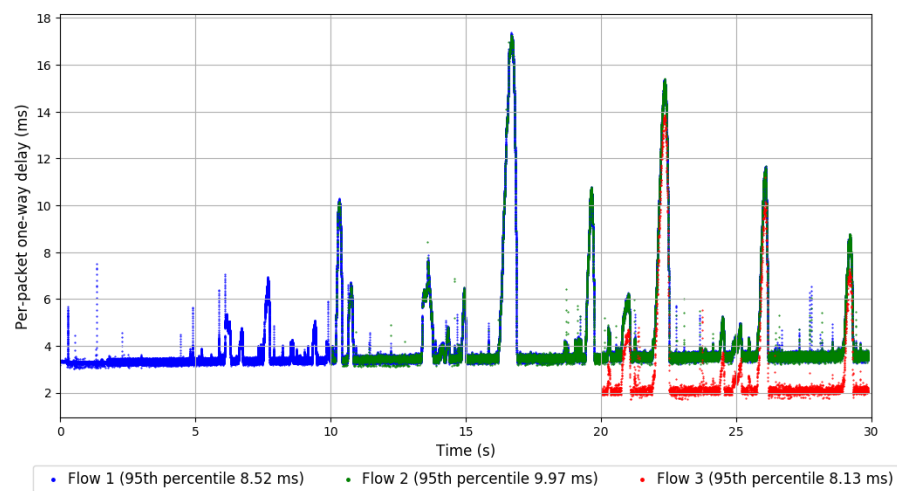
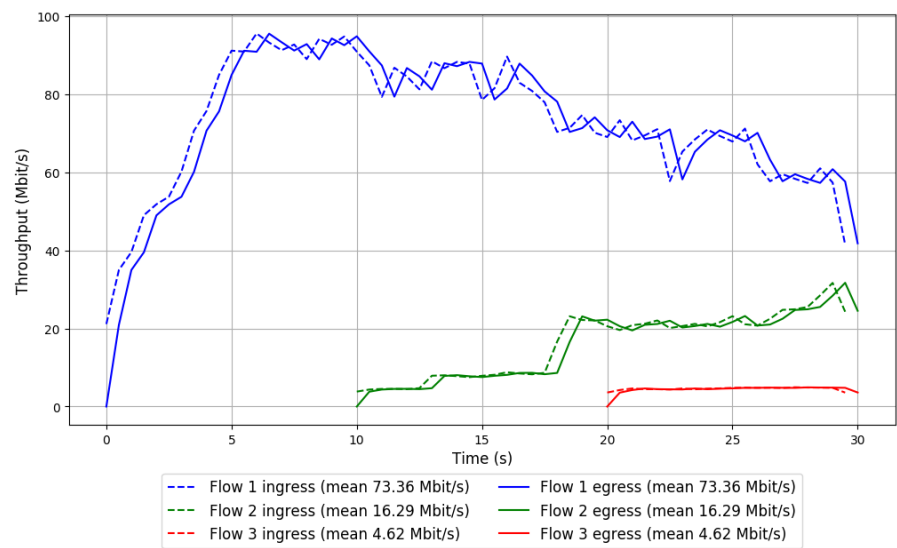
-- Flow 3:

Average throughput: 4.62 Mbit/s

95th percentile per-packet one-way delay: 8.128 ms

Loss rate: 0.00%

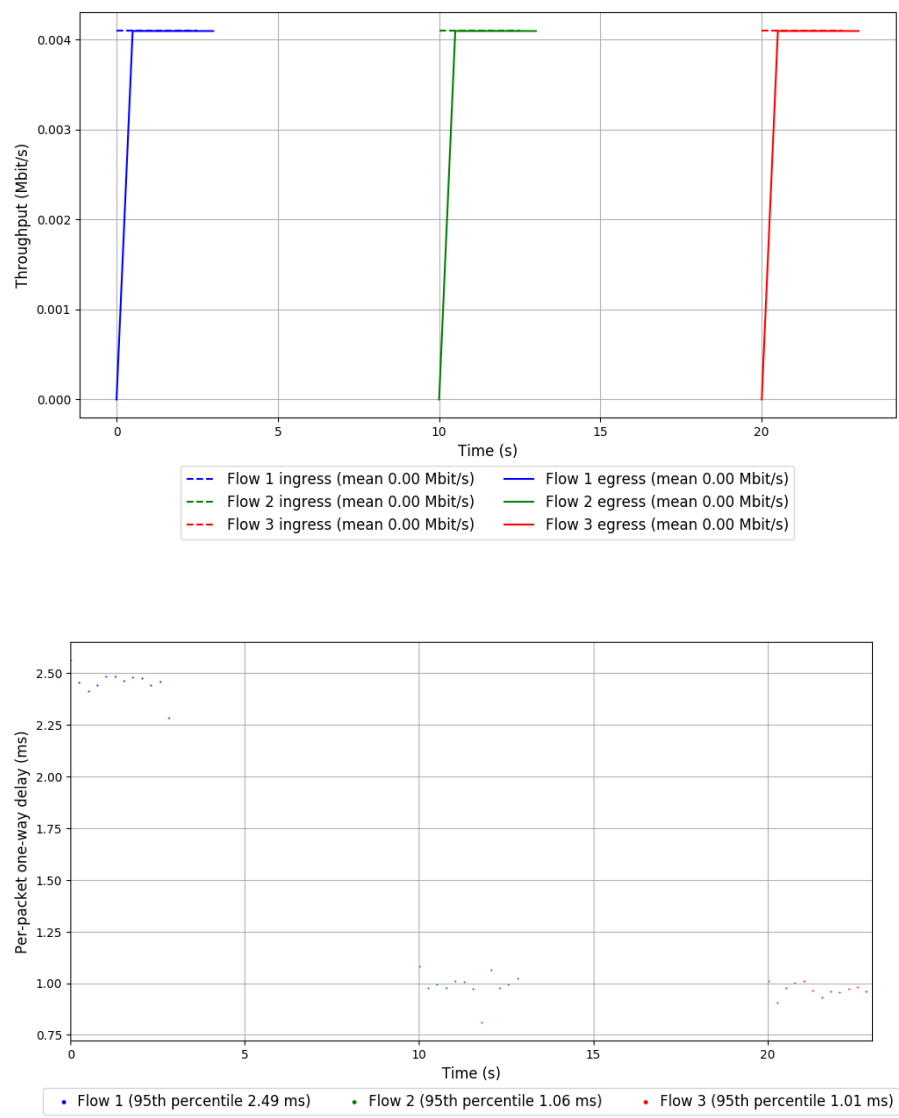
Run 10: Report of PCC-Allegro — Data Link



Run 1: Statistics of PCC-Expr

Start at: 2018-05-24 14:06:59
End at: 2018-05-24 14:07:29
Local clock offset: -5.727 ms
Remote clock offset: -1.935 ms

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

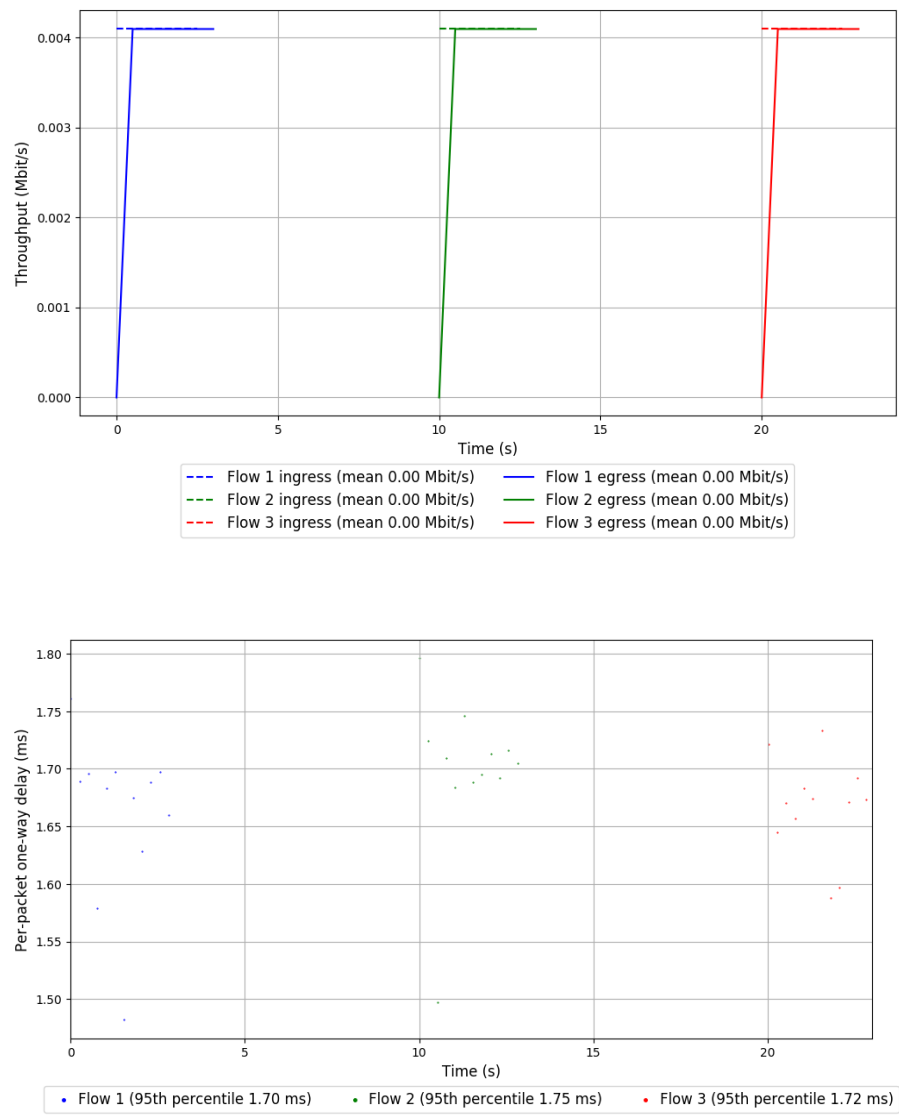
Start at: 2018-05-24 14:24:52

End at: 2018-05-24 14:25:22

Local clock offset: -6.51 ms

Remote clock offset: -1.854 ms

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

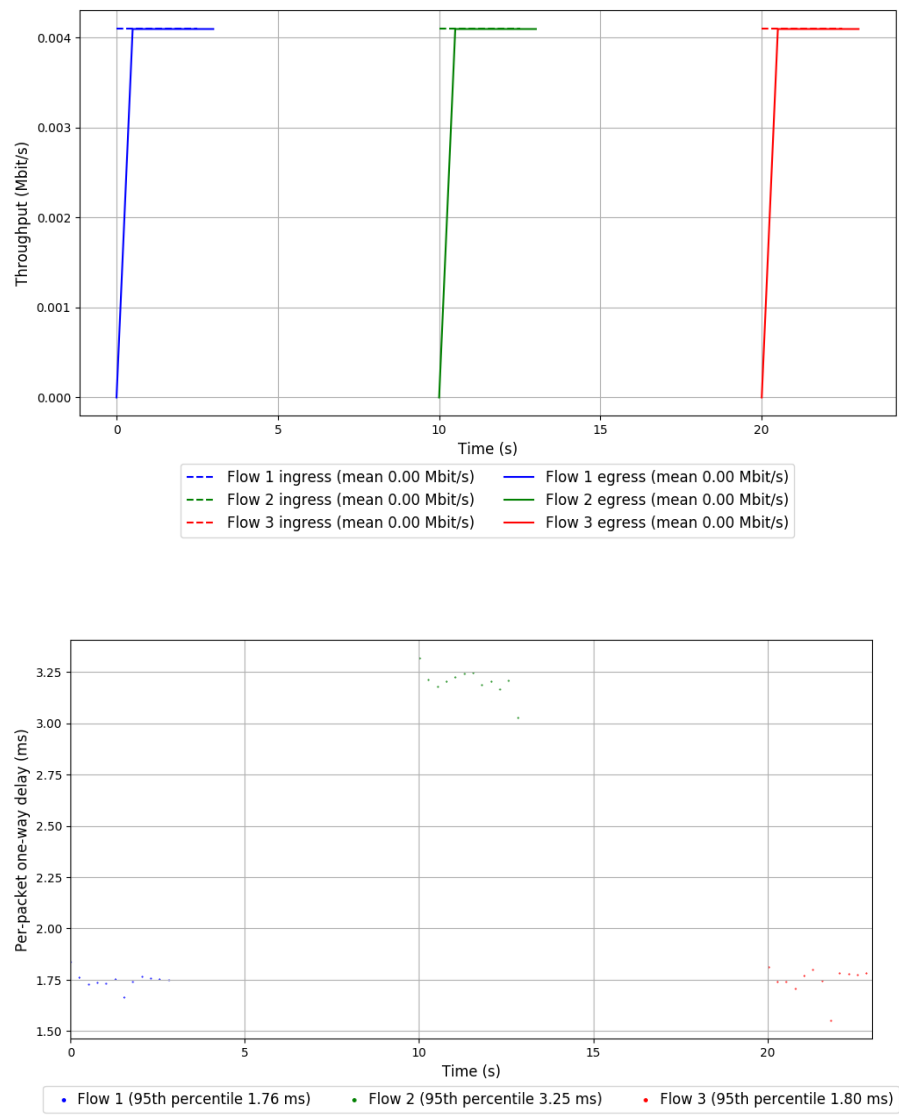
Start at: 2018-05-24 14:42:43

End at: 2018-05-24 14:43:13

Local clock offset: -6.666 ms

Remote clock offset: -1.632 ms

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

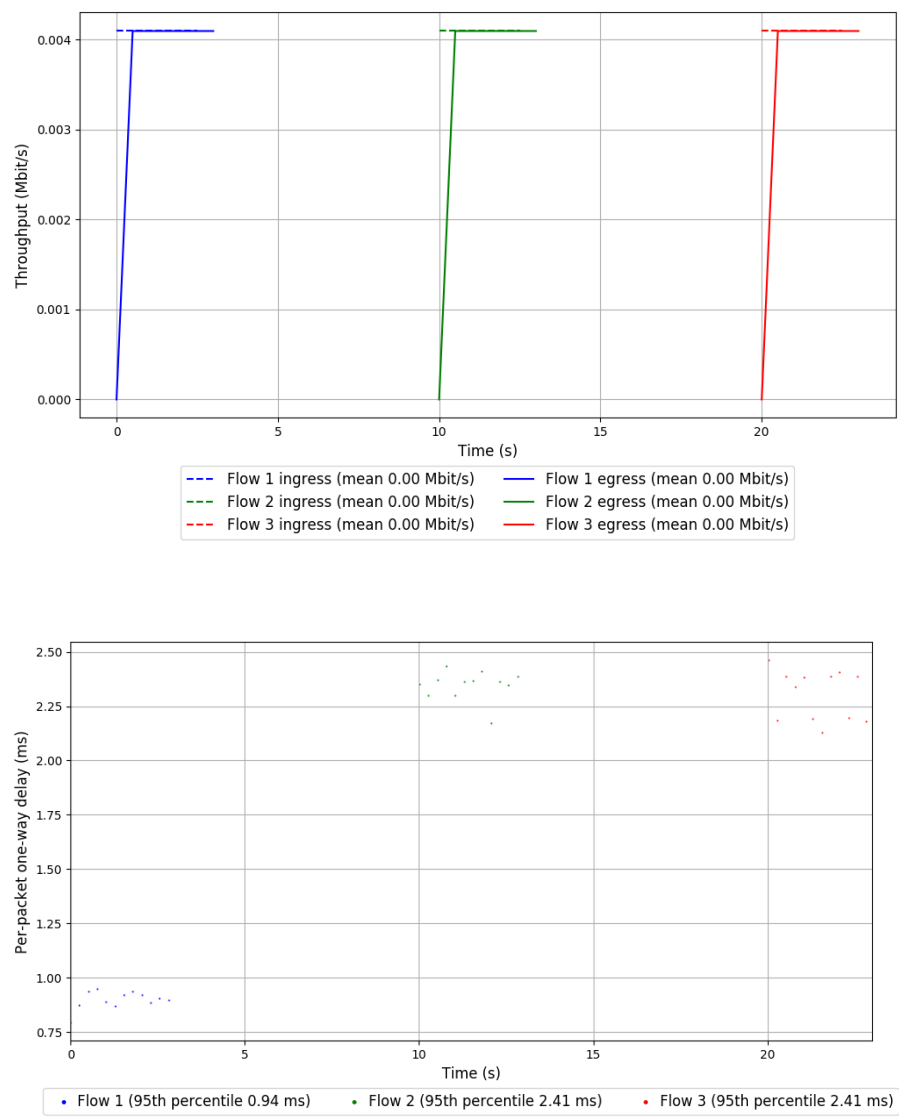
Start at: 2018-05-24 15:00:35

End at: 2018-05-24 15:01:05

Local clock offset: -5.786 ms

Remote clock offset: -2.007 ms

Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

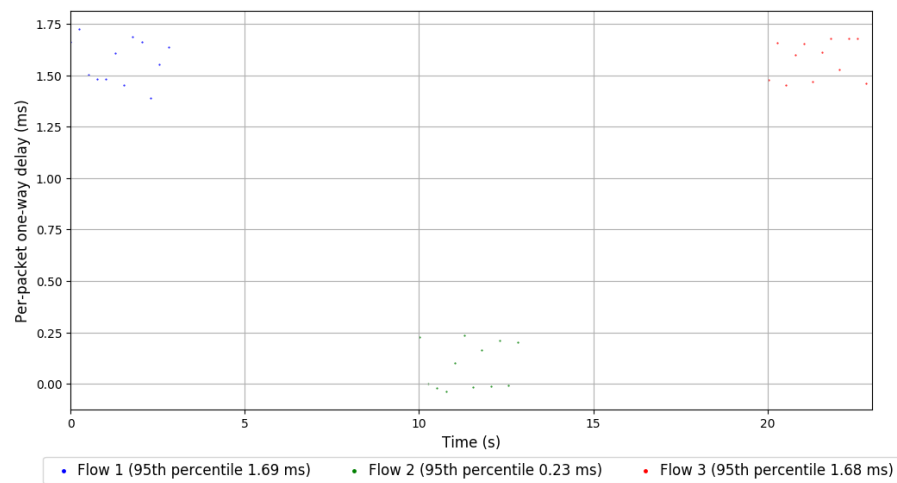
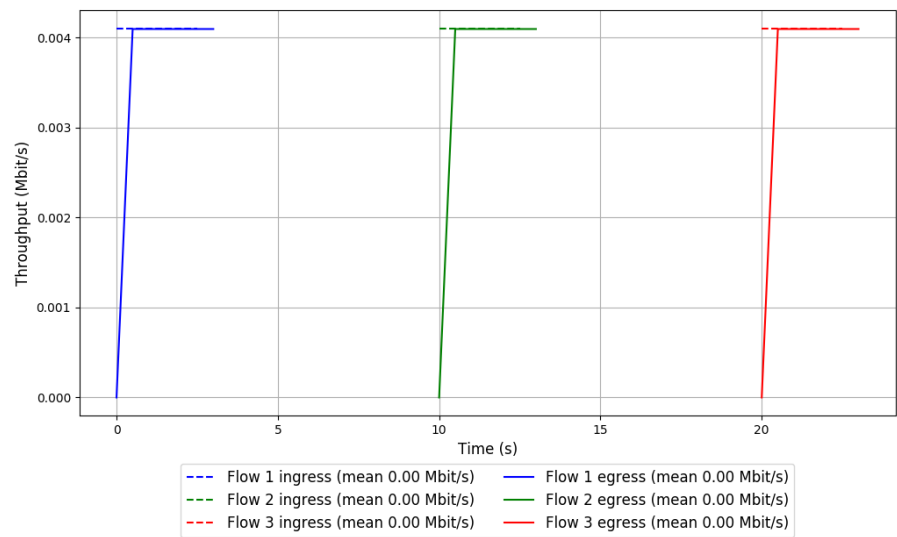
Start at: 2018-05-24 15:18:27

End at: 2018-05-24 15:18:57

Local clock offset: -4.811 ms

Remote clock offset: -2.059 ms

Run 5: Report of PCC-Expr — Data Link



Run 6: Statistics of PCC-Expr

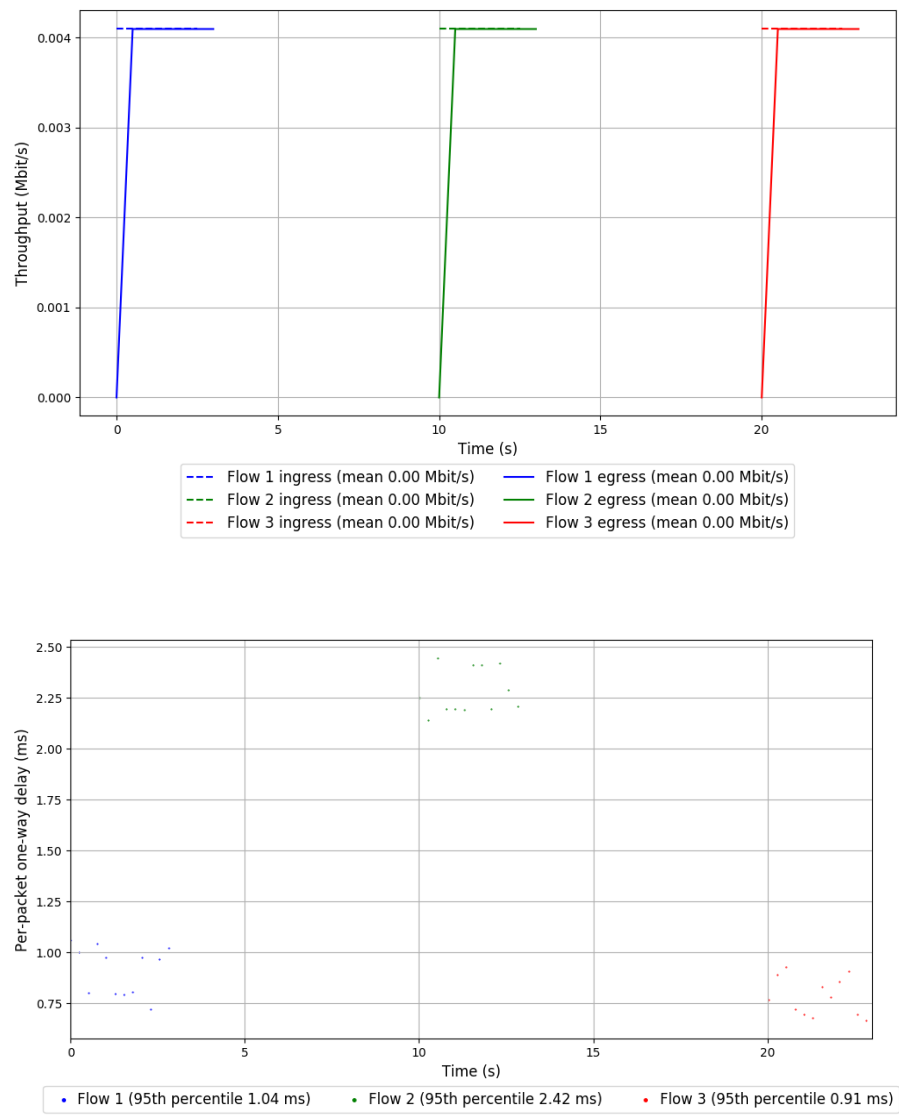
Start at: 2018-05-24 15:36:18

End at: 2018-05-24 15:36:48

Local clock offset: -5.9 ms

Remote clock offset: 4.56 ms

Run 6: Report of PCC-Expr — Data Link



Run 7: Statistics of PCC-Expr

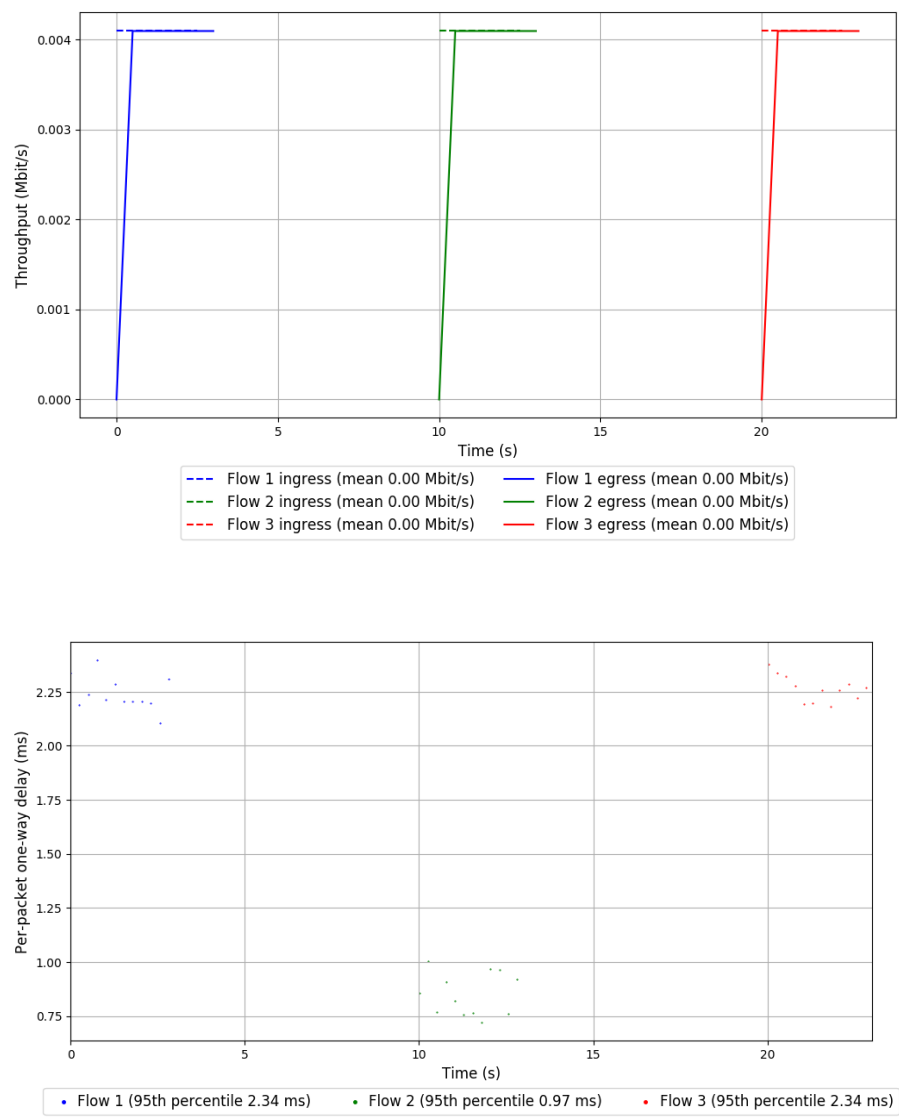
Start at: 2018-05-24 15:54:11

End at: 2018-05-24 15:54:41

Local clock offset: -5.944 ms

Remote clock offset: 9.152 ms

Run 7: Report of PCC-Expr — Data Link



Run 8: Statistics of PCC-Expr

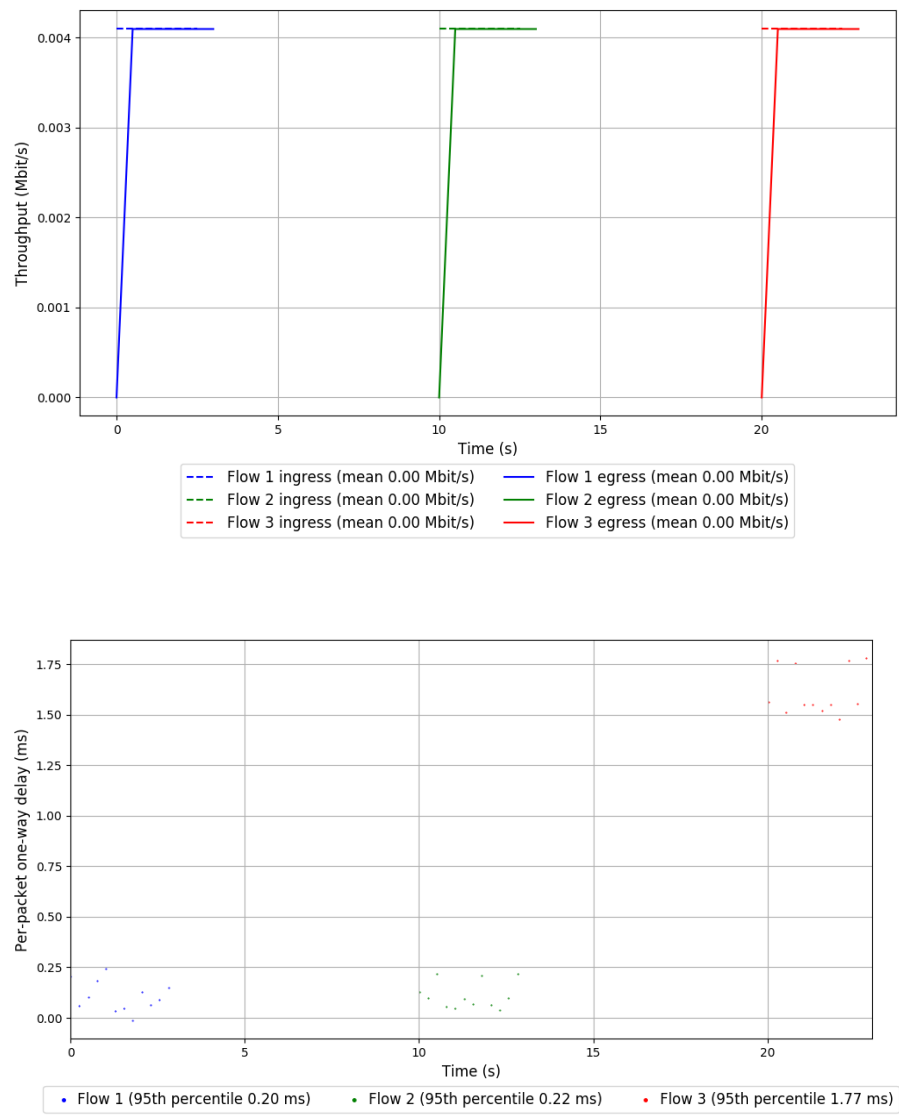
Start at: 2018-05-24 16:12:04

End at: 2018-05-24 16:12:34

Local clock offset: -5.268 ms

Remote clock offset: 7.671 ms

Run 8: Report of PCC-Expr — Data Link



Run 9: Statistics of PCC-Expr

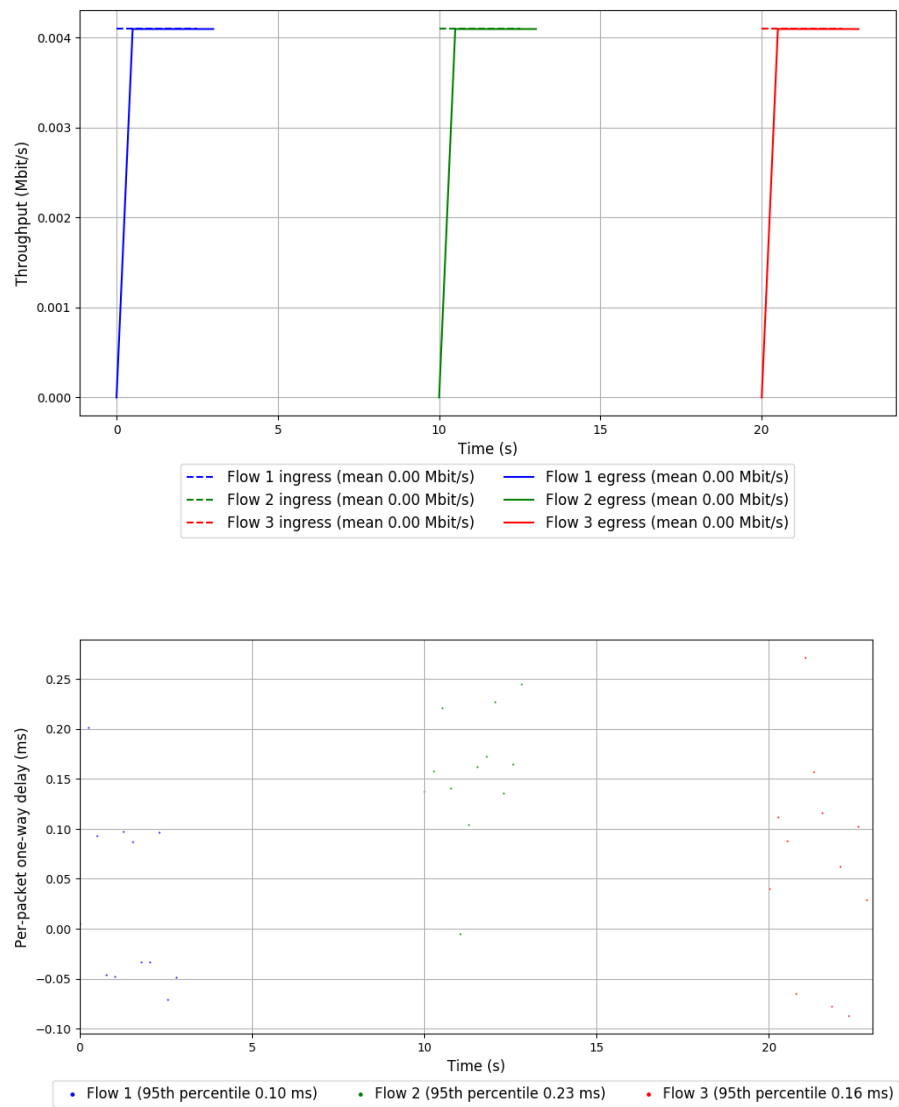
Start at: 2018-05-24 16:29:55

End at: 2018-05-24 16:30:25

Local clock offset: -5.255 ms

Remote clock offset: 8.203 ms

Run 9: Report of PCC-Expr — Data Link



Run 10: Statistics of PCC-Expr

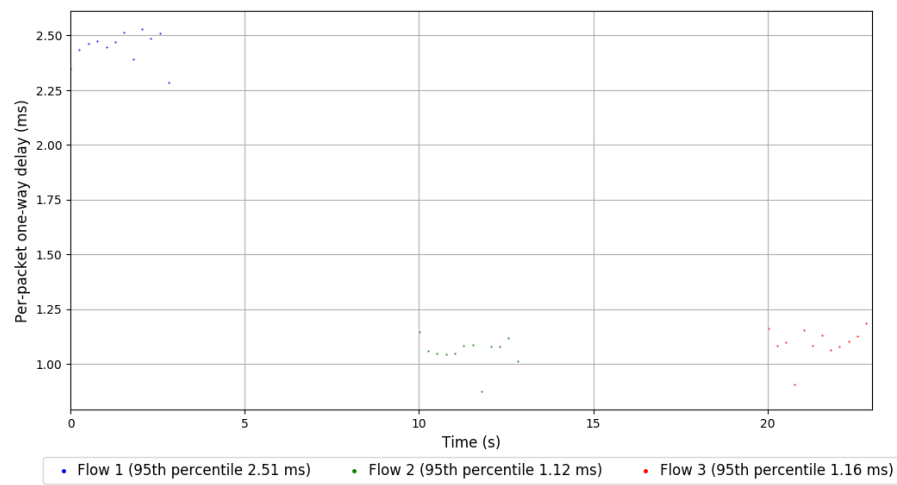
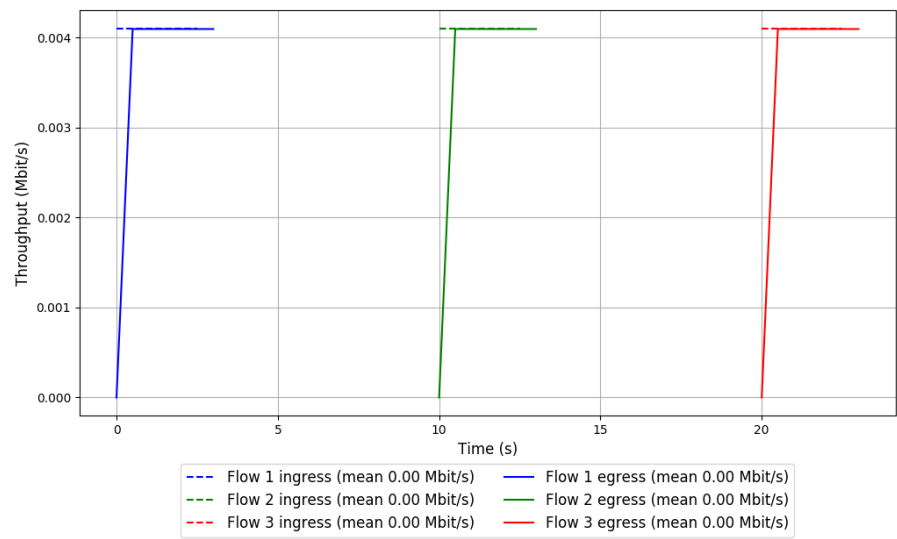
Start at: 2018-05-24 16:47:47

End at: 2018-05-24 16:48:17

Local clock offset: -6.085 ms

Remote clock offset: -1.006 ms

Run 10: Report of PCC-Expr — Data Link

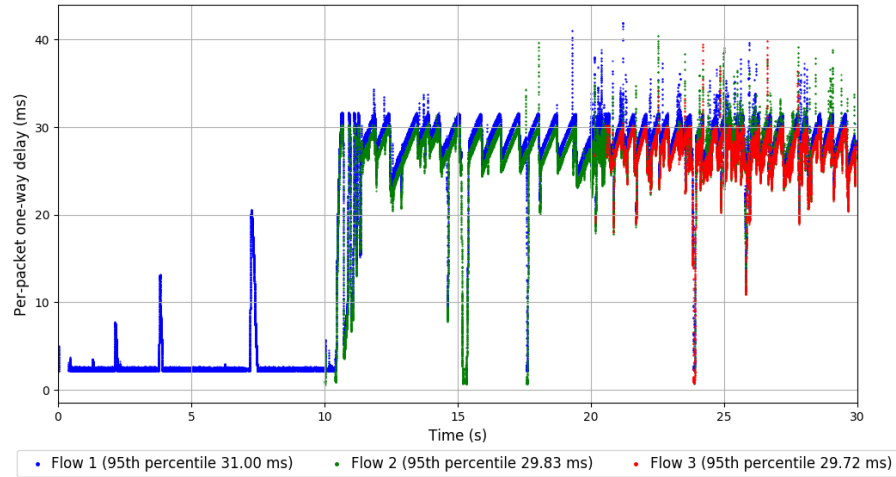
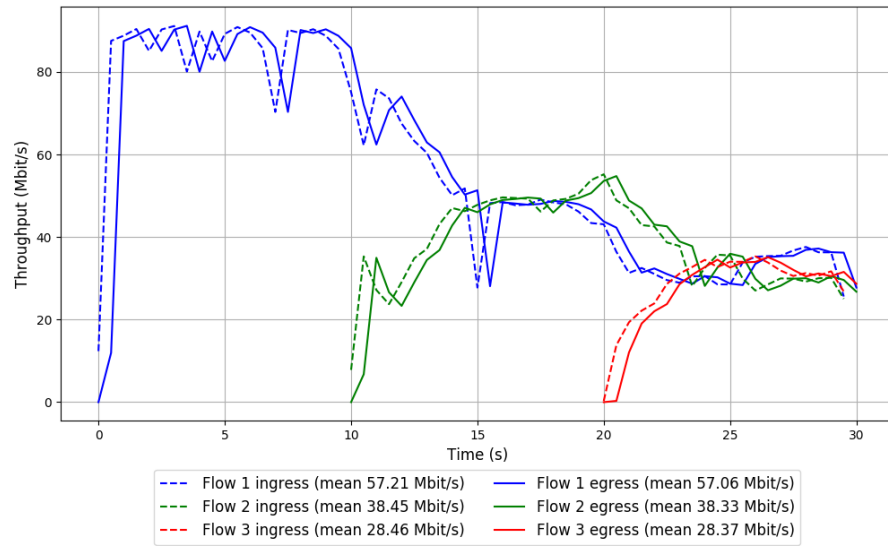


Run 1: Statistics of QUIC Cubic

Start at: 2018-05-24 14:02:34
End at: 2018-05-24 14:03:04
Local clock offset: -5.726 ms
Remote clock offset: -2.088 ms

Below is generated by plot.py at 2018-05-24 17:05:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.90 Mbit/s
95th percentile per-packet one-way delay: 30.803 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 57.06 Mbit/s
95th percentile per-packet one-way delay: 31.000 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 38.33 Mbit/s
95th percentile per-packet one-way delay: 29.829 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 28.37 Mbit/s
95th percentile per-packet one-way delay: 29.724 ms
Loss rate: 0.30%

Run 1: Report of QUIC Cubic — Data Link

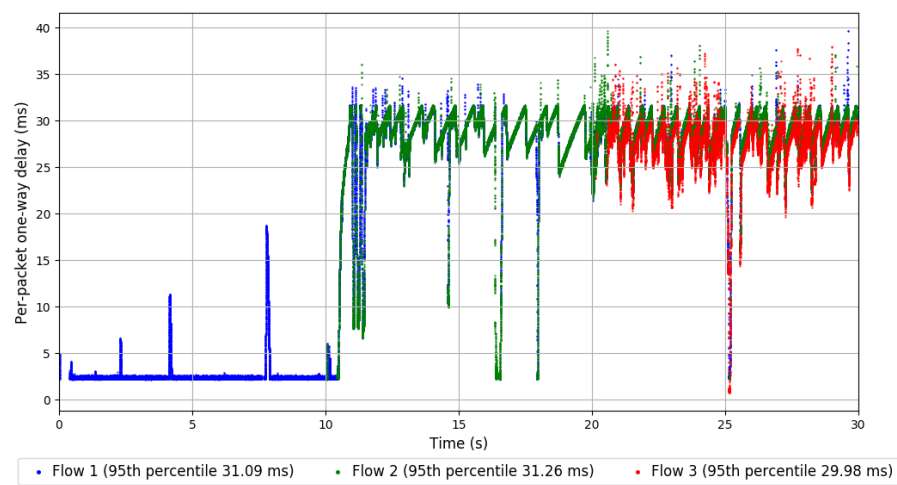
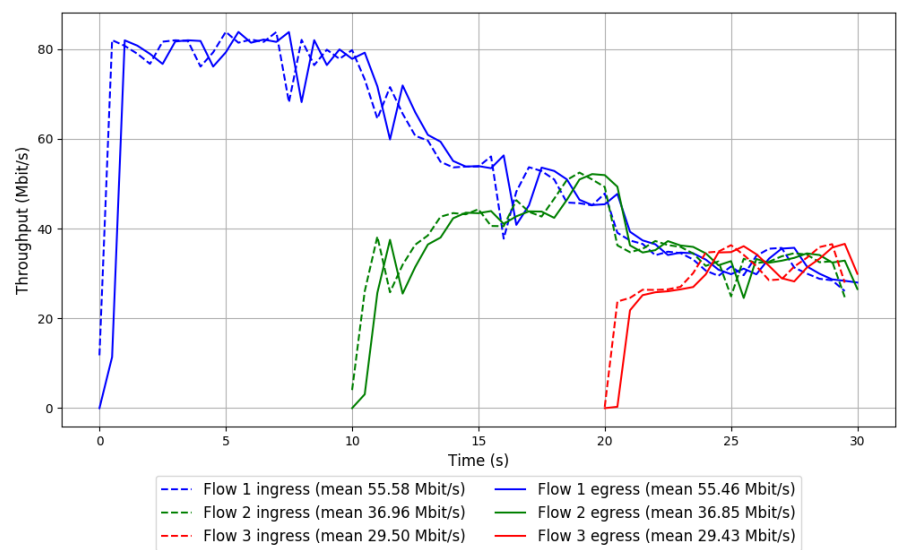


Run 2: Statistics of QUIC Cubic

Start at: 2018-05-24 14:20:26
End at: 2018-05-24 14:20:56
Local clock offset: -5.697 ms
Remote clock offset: -1.823 ms

Below is generated by plot.py at 2018-05-24 17:05:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.60 Mbit/s
95th percentile per-packet one-way delay: 31.147 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 55.46 Mbit/s
95th percentile per-packet one-way delay: 31.092 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 36.85 Mbit/s
95th percentile per-packet one-way delay: 31.256 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 29.43 Mbit/s
95th percentile per-packet one-way delay: 29.985 ms
Loss rate: 0.20%

Run 2: Report of QUIC Cubic — Data Link

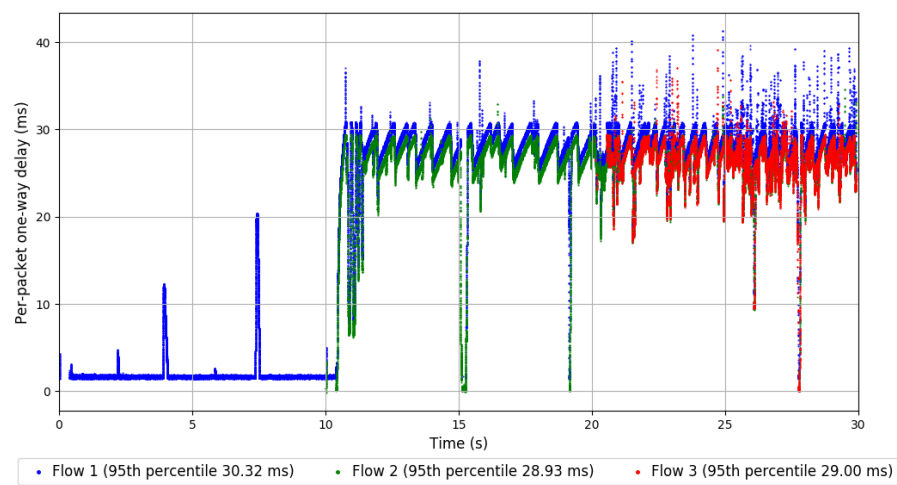
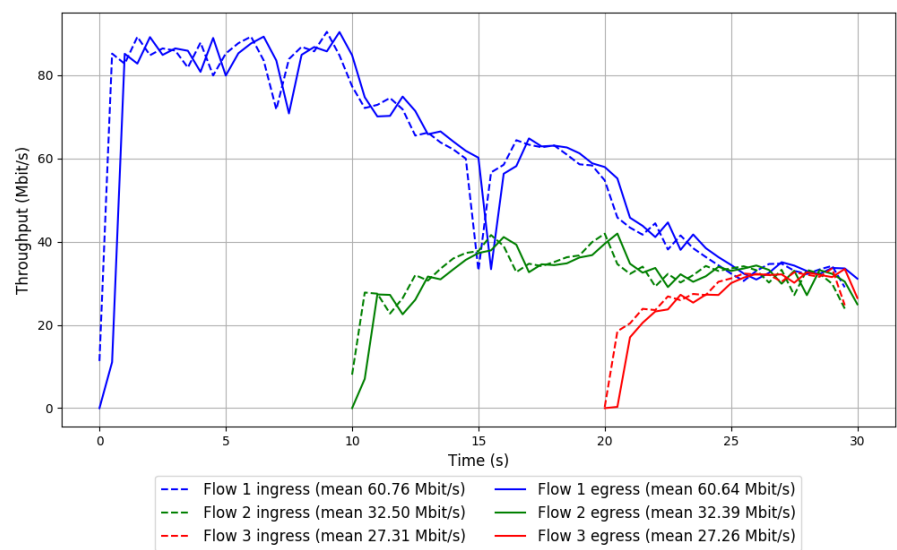


Run 3: Statistics of QUIC Cubic

Start at: 2018-05-24 14:38:18
End at: 2018-05-24 14:38:48
Local clock offset: -5.101 ms
Remote clock offset: -1.732 ms

Below is generated by plot.py at 2018-05-24 17:05:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.15 Mbit/s
95th percentile per-packet one-way delay: 30.139 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 60.64 Mbit/s
95th percentile per-packet one-way delay: 30.321 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 32.39 Mbit/s
95th percentile per-packet one-way delay: 28.926 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 27.26 Mbit/s
95th percentile per-packet one-way delay: 29.005 ms
Loss rate: 0.21%

Run 3: Report of QUIC Cubic — Data Link

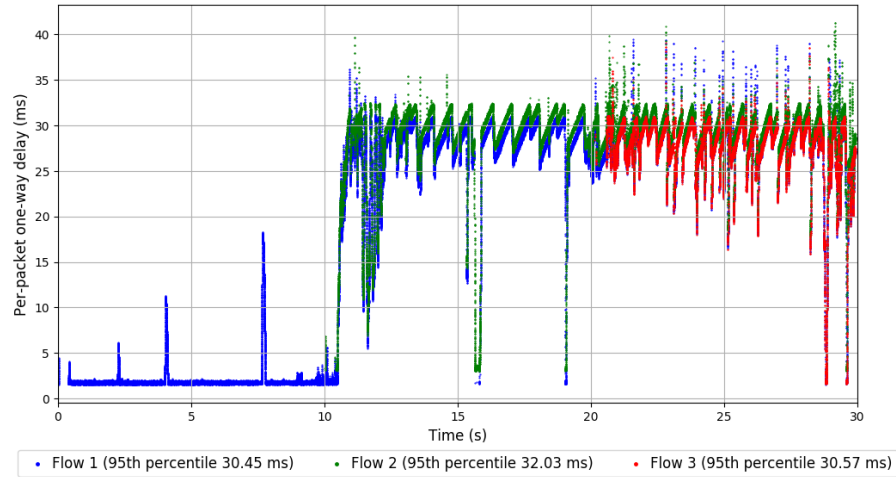
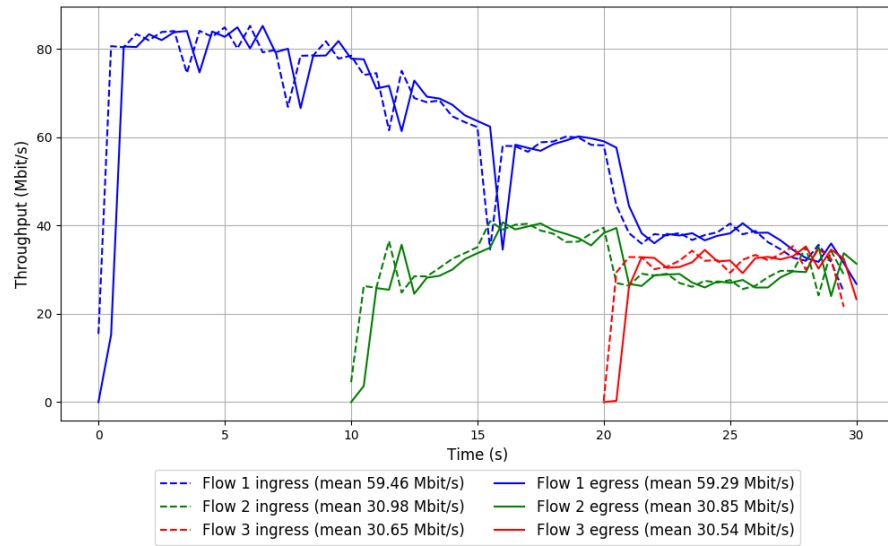


Run 4: Statistics of QUIC Cubic

Start at: 2018-05-24 14:56:10
End at: 2018-05-24 14:56:40
Local clock offset: -6.756 ms
Remote clock offset: -1.879 ms

Below is generated by plot.py at 2018-05-24 17:05:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.83 Mbit/s
95th percentile per-packet one-way delay: 31.299 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 59.29 Mbit/s
95th percentile per-packet one-way delay: 30.445 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 30.85 Mbit/s
95th percentile per-packet one-way delay: 32.030 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 30.54 Mbit/s
95th percentile per-packet one-way delay: 30.567 ms
Loss rate: 0.38%

Run 4: Report of QUIC Cubic — Data Link

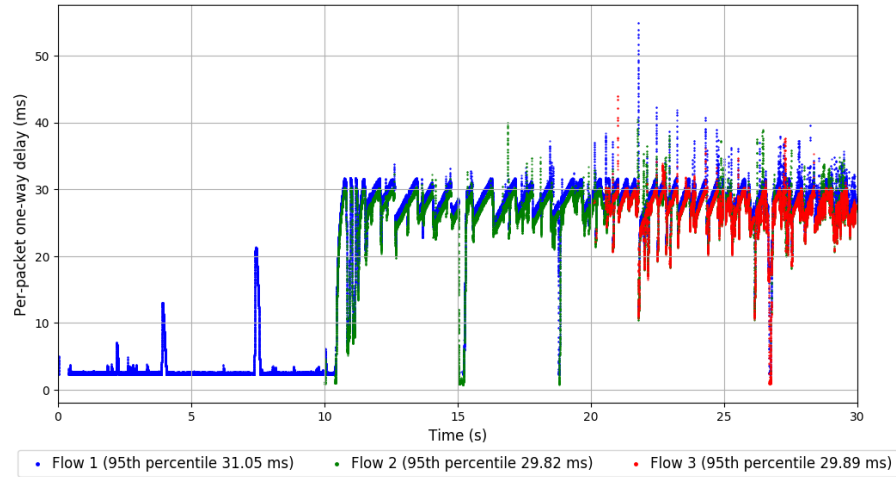
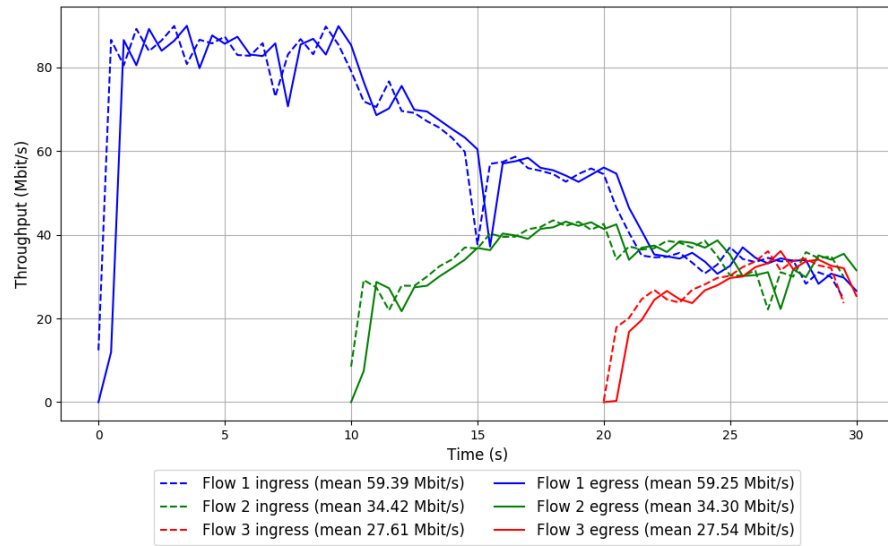


Run 5: Statistics of QUIC Cubic

Start at: 2018-05-24 15:14:01
End at: 2018-05-24 15:14:31
Local clock offset: -5.594 ms
Remote clock offset: -2.024 ms

Below is generated by plot.py at 2018-05-24 17:05:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.13 Mbit/s
95th percentile per-packet one-way delay: 30.865 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 59.25 Mbit/s
95th percentile per-packet one-way delay: 31.050 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 34.30 Mbit/s
95th percentile per-packet one-way delay: 29.821 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 27.54 Mbit/s
95th percentile per-packet one-way delay: 29.889 ms
Loss rate: 0.26%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-05-24 15:31:53

End at: 2018-05-24 15:32:23

Local clock offset: -5.8 ms

Remote clock offset: 2.408 ms

Below is generated by plot.py at 2018-05-24 17:05:43

Datalink statistics

-- Total of 3 flows:

Average throughput: 89.44 Mbit/s

95th percentile per-packet one-way delay: 30.658 ms

Loss rate: 0.24%

-- Flow 1:

Average throughput: 58.08 Mbit/s

95th percentile per-packet one-way delay: 30.560 ms

Loss rate: 0.20%

-- Flow 2:

Average throughput: 32.63 Mbit/s

95th percentile per-packet one-way delay: 30.822 ms

Loss rate: 0.27%

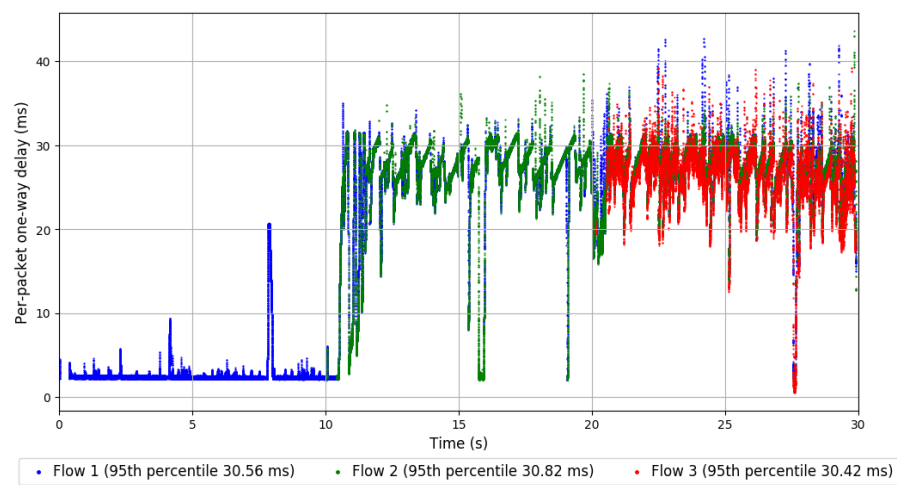
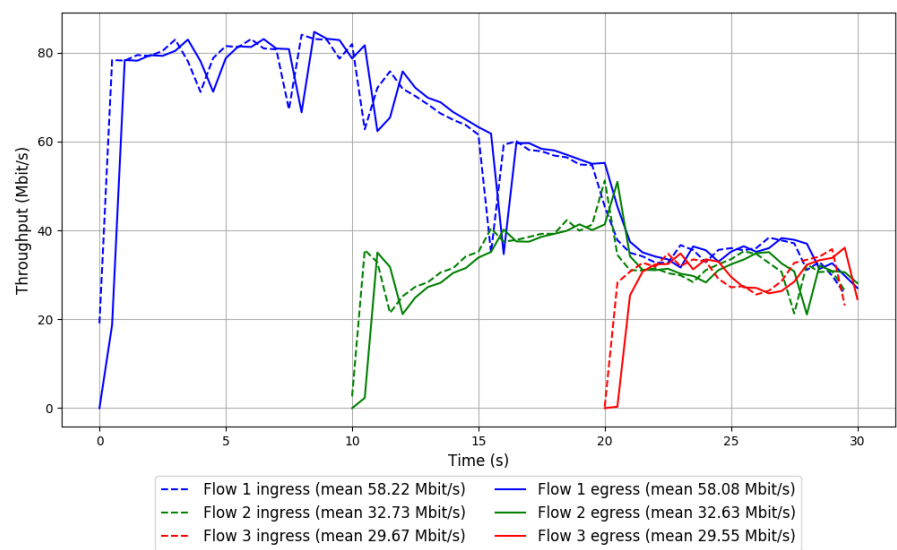
-- Flow 3:

Average throughput: 29.55 Mbit/s

95th percentile per-packet one-way delay: 30.423 ms

Loss rate: 0.39%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-05-24 15:49:46

End at: 2018-05-24 15:50:16

Local clock offset: -5.936 ms

Remote clock offset: 8.229 ms

Below is generated by plot.py at 2018-05-24 17:05:57

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.07 Mbit/s

95th percentile per-packet one-way delay: 30.095 ms

Loss rate: 0.22%

-- Flow 1:

Average throughput: 59.23 Mbit/s

95th percentile per-packet one-way delay: 29.268 ms

Loss rate: 0.18%

-- Flow 2:

Average throughput: 32.99 Mbit/s

95th percentile per-packet one-way delay: 30.941 ms

Loss rate: 0.25%

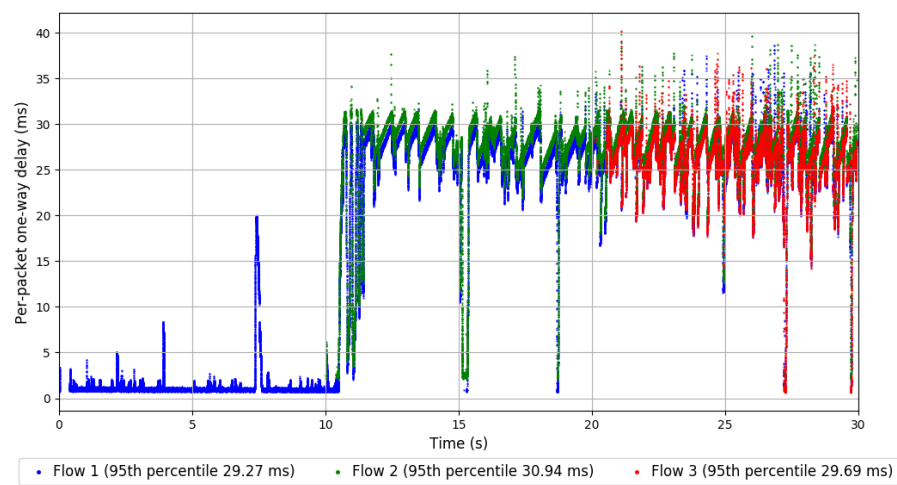
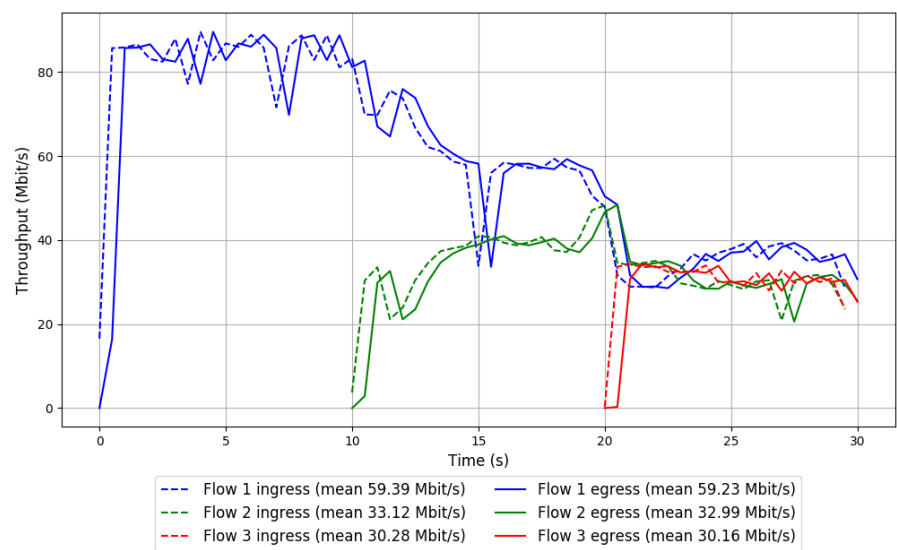
-- Flow 3:

Average throughput: 30.16 Mbit/s

95th percentile per-packet one-way delay: 29.687 ms

Loss rate: 0.38%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-05-24 16:07:38

End at: 2018-05-24 16:08:08

Local clock offset: -5.957 ms

Remote clock offset: 7.99 ms

Below is generated by plot.py at 2018-05-24 17:06:10

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.44 Mbit/s

95th percentile per-packet one-way delay: 30.202 ms

Loss rate: 0.20%

-- Flow 1:

Average throughput: 56.10 Mbit/s

95th percentile per-packet one-way delay: 29.378 ms

Loss rate: 0.17%

-- Flow 2:

Average throughput: 36.51 Mbit/s

95th percentile per-packet one-way delay: 30.980 ms

Loss rate: 0.21%

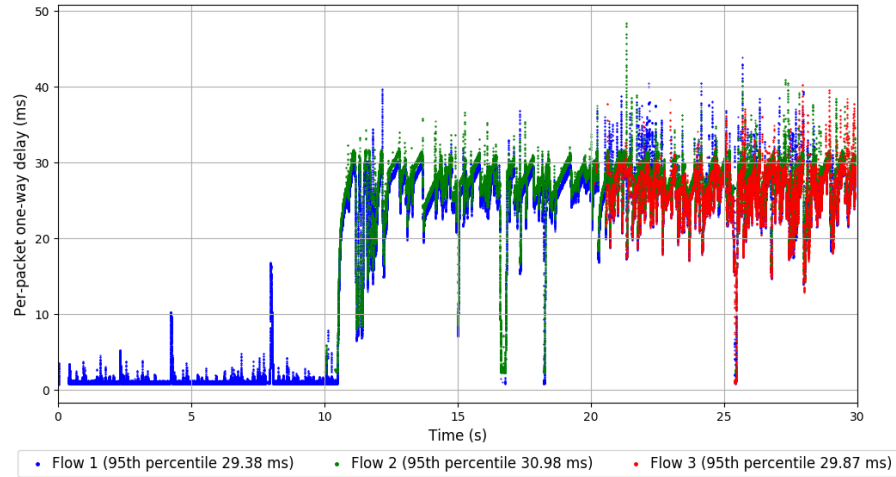
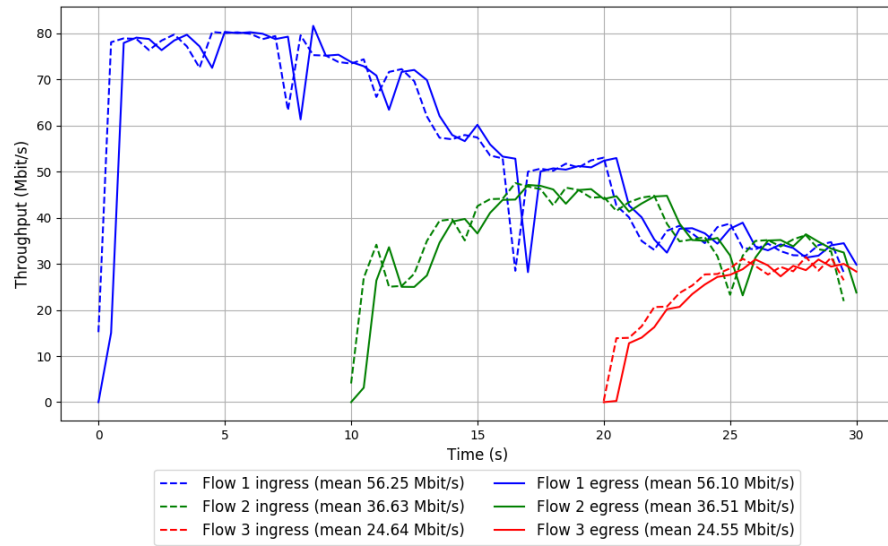
-- Flow 3:

Average throughput: 24.55 Mbit/s

95th percentile per-packet one-way delay: 29.874 ms

Loss rate: 0.37%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-05-24 16:25:30

End at: 2018-05-24 16:26:00

Local clock offset: -5.231 ms

Remote clock offset: 7.919 ms

Below is generated by plot.py at 2018-05-24 17:06:58

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.22 Mbit/s

95th percentile per-packet one-way delay: 29.118 ms

Loss rate: 0.25%

-- Flow 1:

Average throughput: 54.87 Mbit/s

95th percentile per-packet one-way delay: 28.531 ms

Loss rate: 0.20%

-- Flow 2:

Average throughput: 38.06 Mbit/s

95th percentile per-packet one-way delay: 29.057 ms

Loss rate: 0.28%

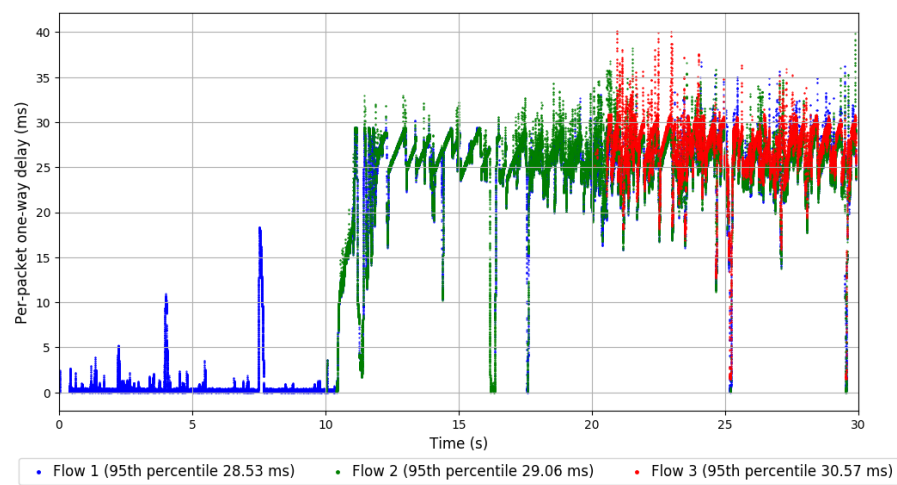
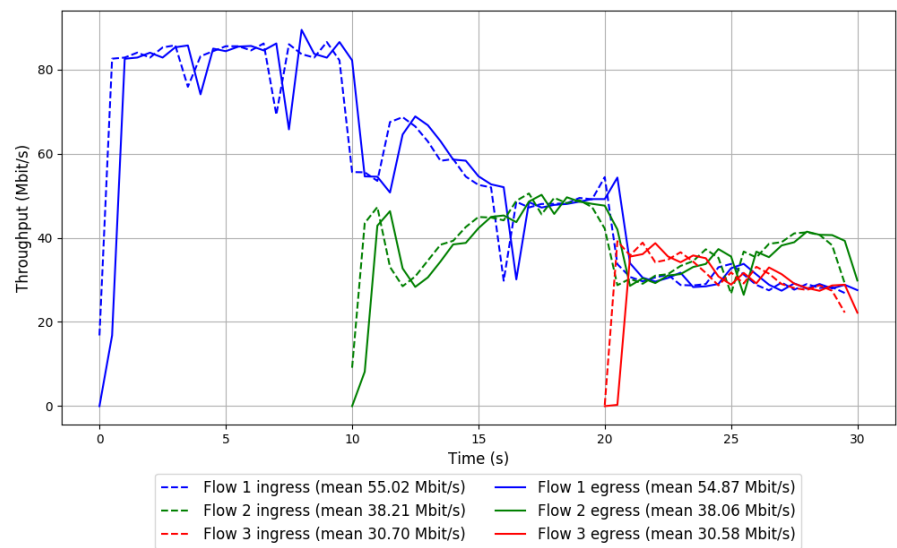
-- Flow 3:

Average throughput: 30.58 Mbit/s

95th percentile per-packet one-way delay: 30.575 ms

Loss rate: 0.41%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-05-24 16:43:22

End at: 2018-05-24 16:43:52

Local clock offset: -5.389 ms

Remote clock offset: 0.73 ms

Below is generated by plot.py at 2018-05-24 17:07:01

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.57 Mbit/s

95th percentile per-packet one-way delay: 30.639 ms

Loss rate: 0.16%

-- Flow 1:

Average throughput: 59.03 Mbit/s

95th percentile per-packet one-way delay: 30.428 ms

Loss rate: 0.13%

-- Flow 2:

Average throughput: 33.75 Mbit/s

95th percentile per-packet one-way delay: 30.727 ms

Loss rate: 0.18%

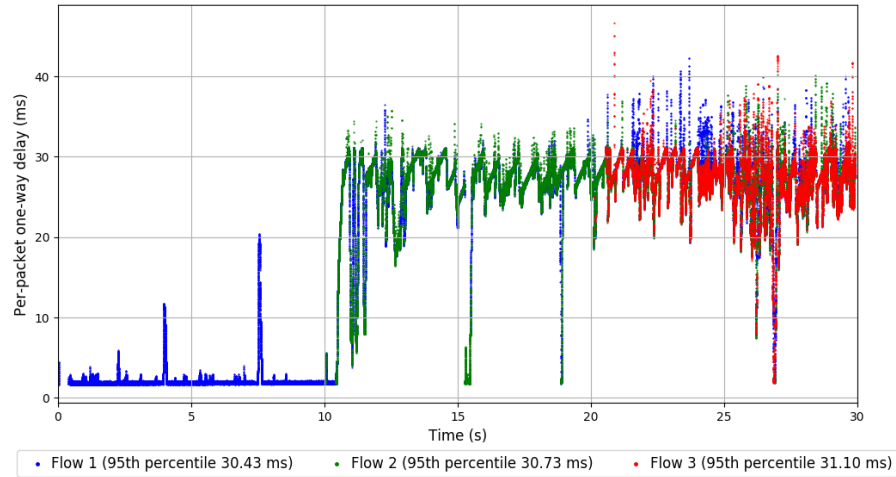
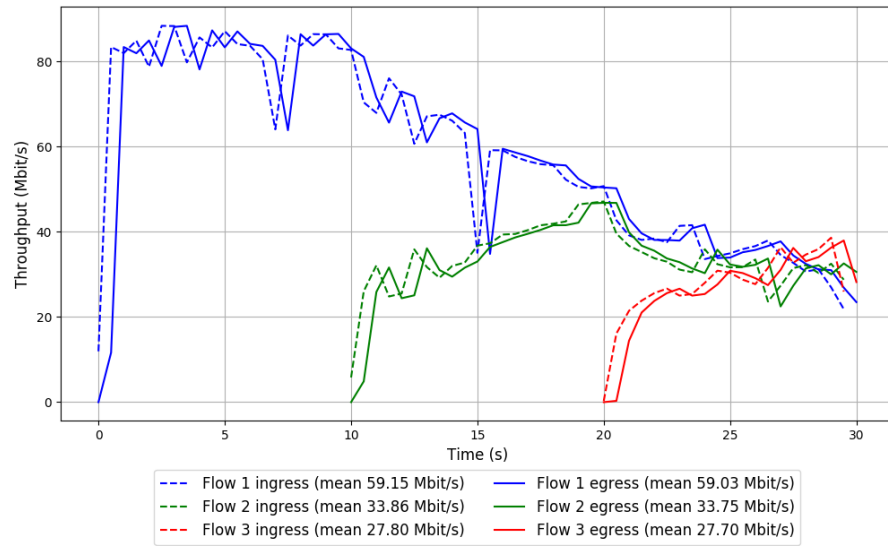
-- Flow 3:

Average throughput: 27.70 Mbit/s

95th percentile per-packet one-way delay: 31.099 ms

Loss rate: 0.27%

Run 10: Report of QUIC Cubic — Data Link

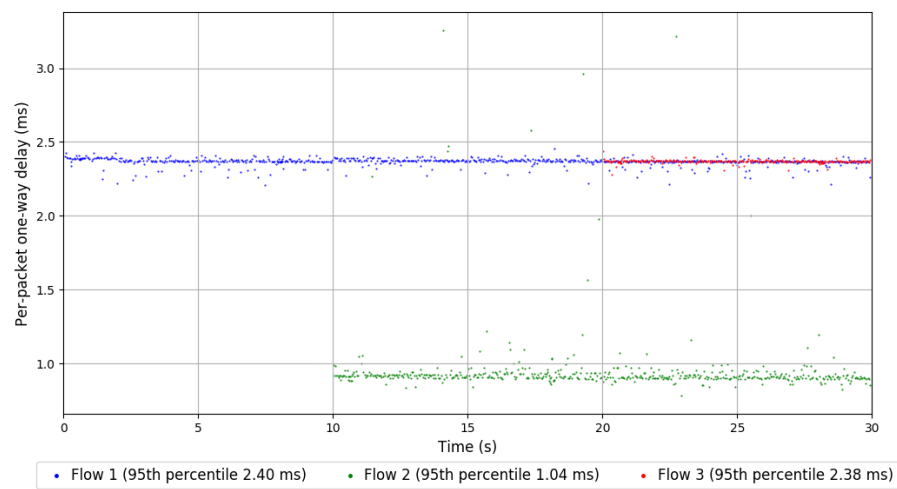
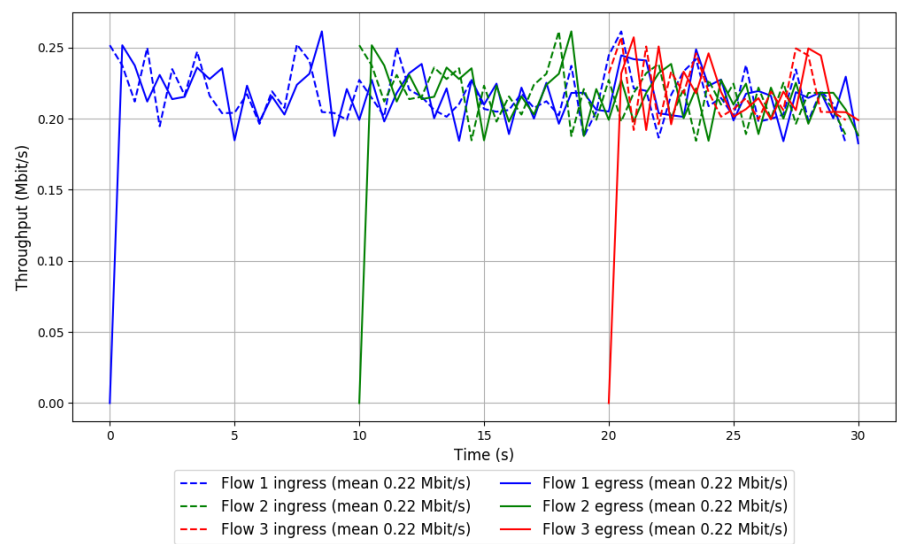


Run 1: Statistics of SReAM

Start at: 2018-05-24 13:57:04
End at: 2018-05-24 13:57:34
Local clock offset: -5.811 ms
Remote clock offset: -2.294 ms

Below is generated by plot.py at 2018-05-24 17:07:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.393 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.399 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.044 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.382 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

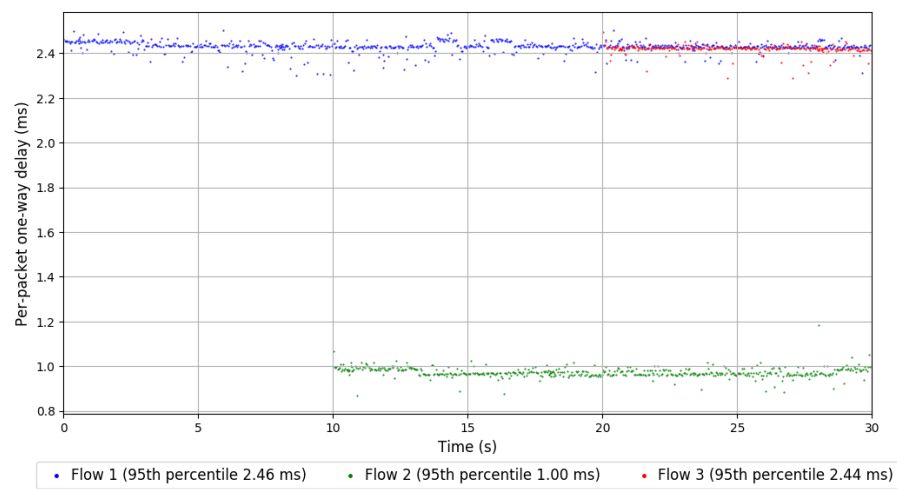
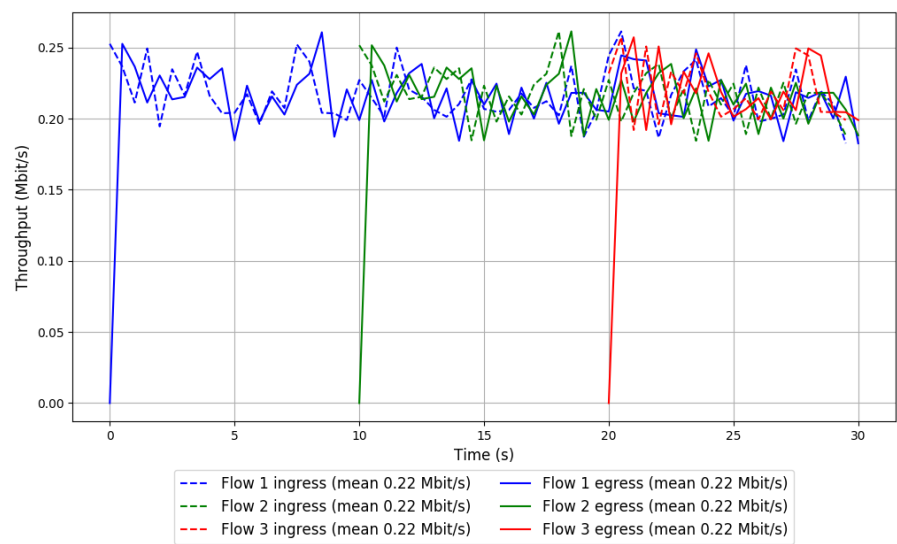


Run 2: Statistics of SReAM

Start at: 2018-05-24 14:14:55
End at: 2018-05-24 14:15:25
Local clock offset: -5.703 ms
Remote clock offset: -1.796 ms

Below is generated by plot.py at 2018-05-24 17:07:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.456 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.462 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.003 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.438 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

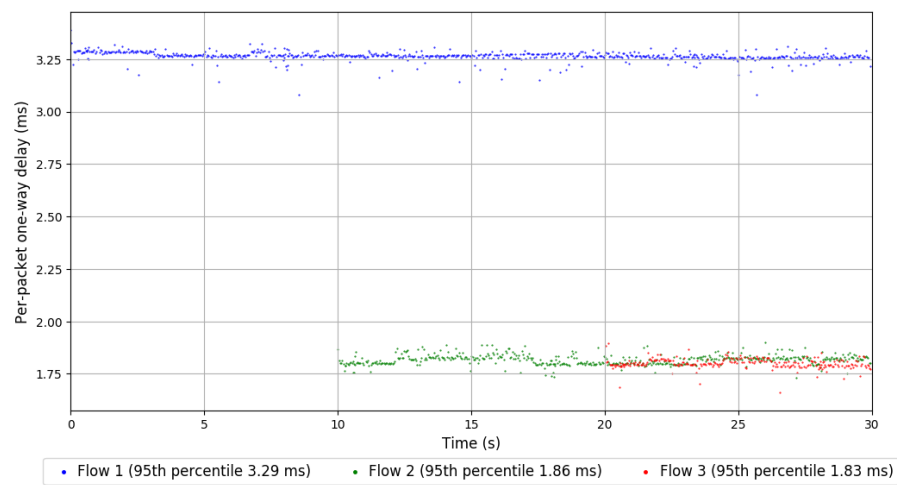
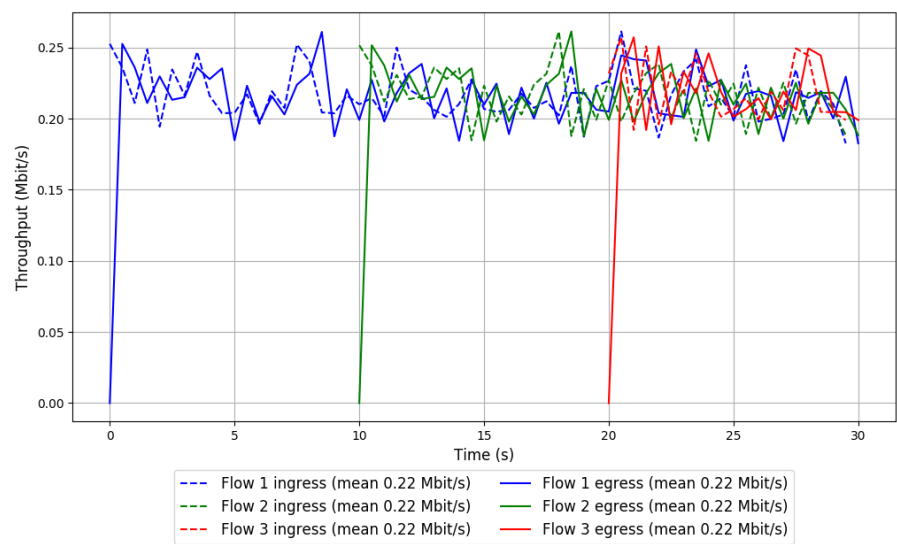


Run 3: Statistics of SReAM

Start at: 2018-05-24 14:32:48
End at: 2018-05-24 14:33:18
Local clock offset: -6.655 ms
Remote clock offset: -1.704 ms

Below is generated by plot.py at 2018-05-24 17:07:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 3.287 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.292 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.861 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.835 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

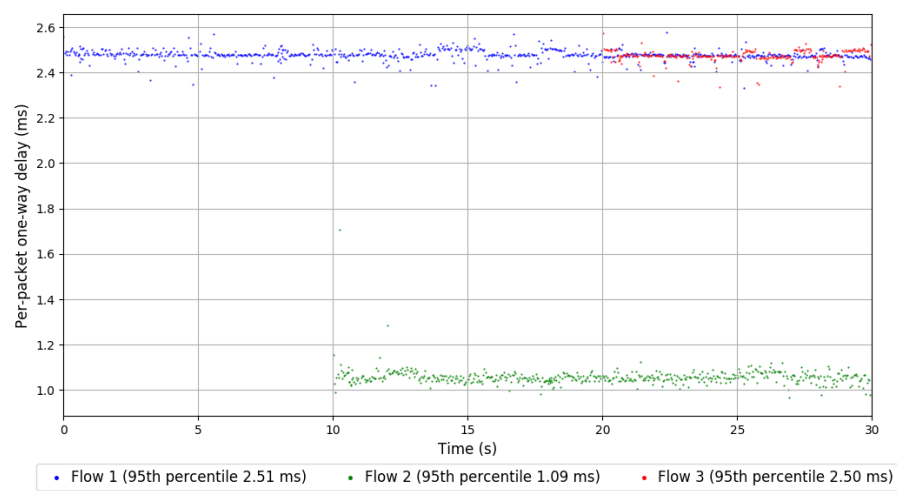
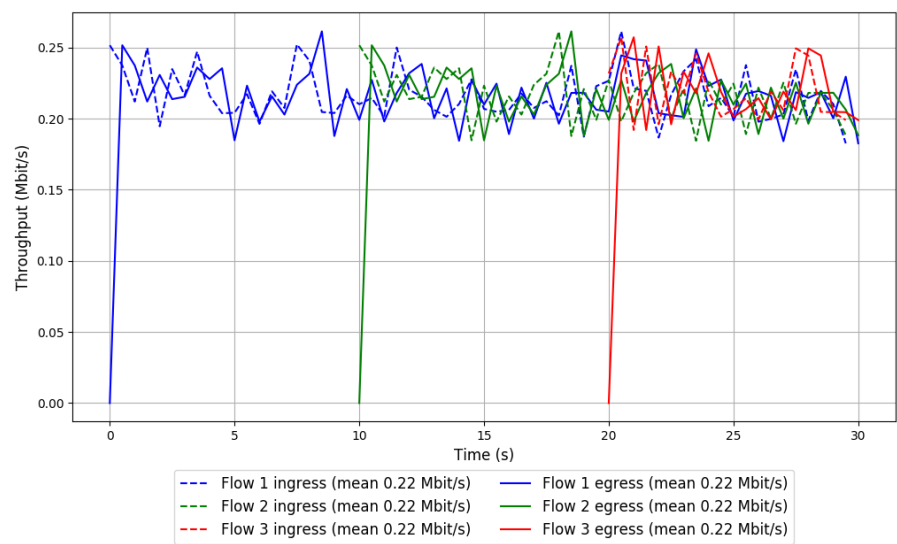


Run 4: Statistics of SReAM

Start at: 2018-05-24 14:50:39
End at: 2018-05-24 14:51:09
Local clock offset: -5.982 ms
Remote clock offset: -1.568 ms

Below is generated by plot.py at 2018-05-24 17:07:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.504 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.509 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.091 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.504 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

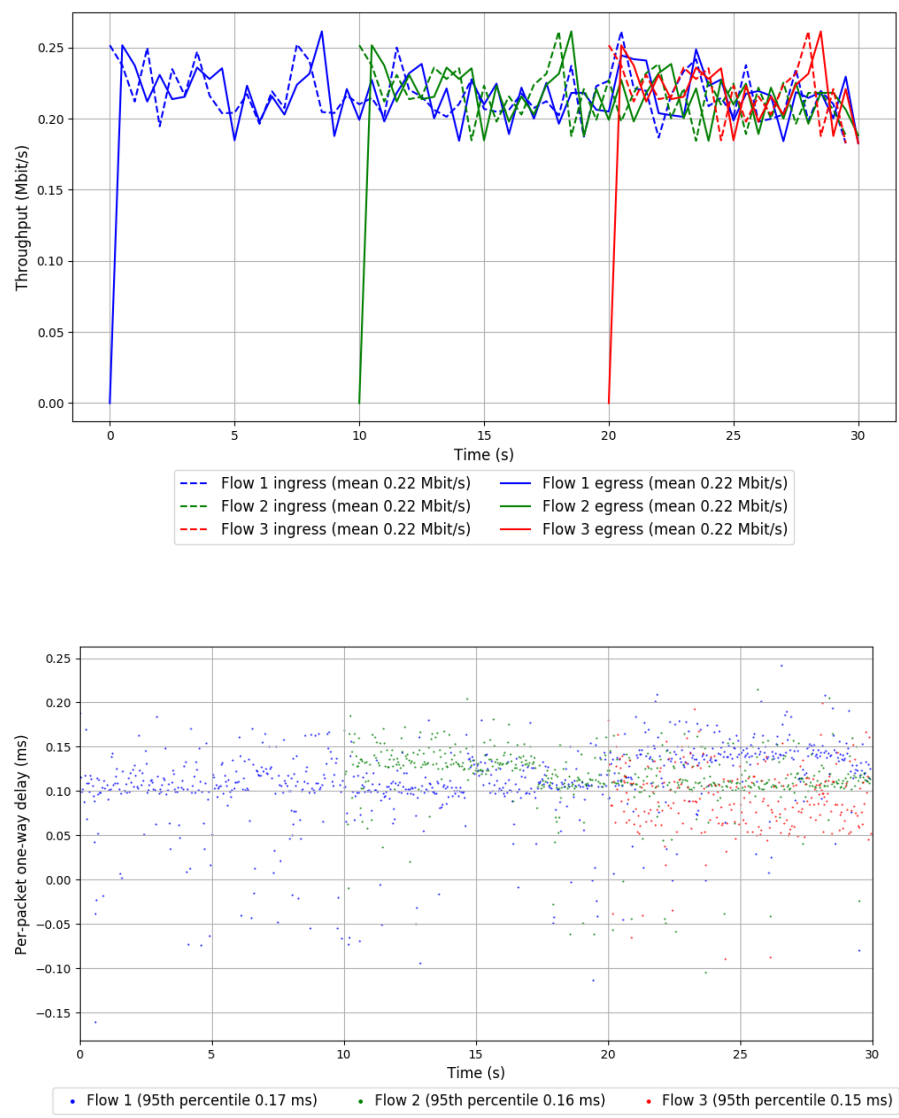


Run 5: Statistics of SReAM

Start at: 2018-05-24 15:08:31
End at: 2018-05-24 15:09:01
Local clock offset: -4.9 ms
Remote clock offset: -2.134 ms

Below is generated by plot.py at 2018-05-24 17:07:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 0.162 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.165 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.160 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.150 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

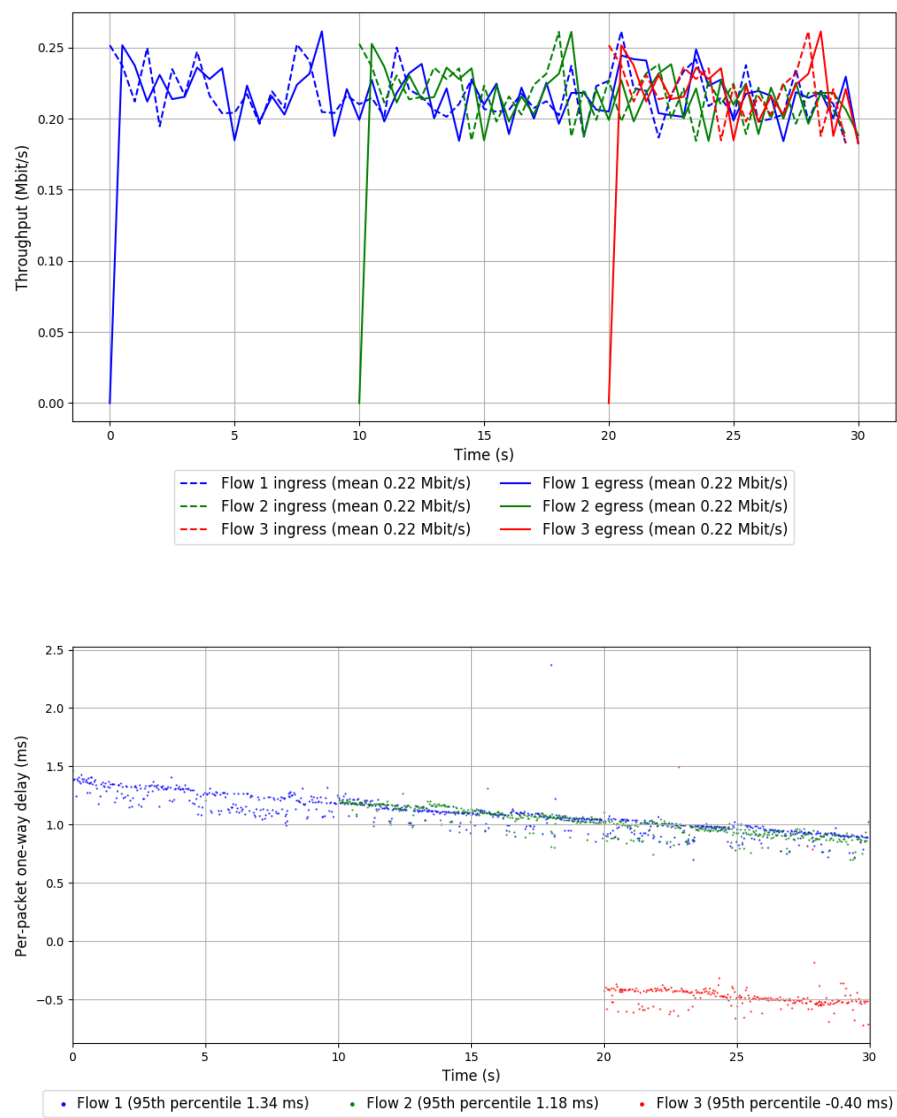


Run 6: Statistics of SReAM

Start at: 2018-05-24 15:26:22
End at: 2018-05-24 15:26:52
Local clock offset: -4.8 ms
Remote clock offset: -1.702 ms

Below is generated by plot.py at 2018-05-24 17:07:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 1.308 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.342 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.181 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -0.401 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

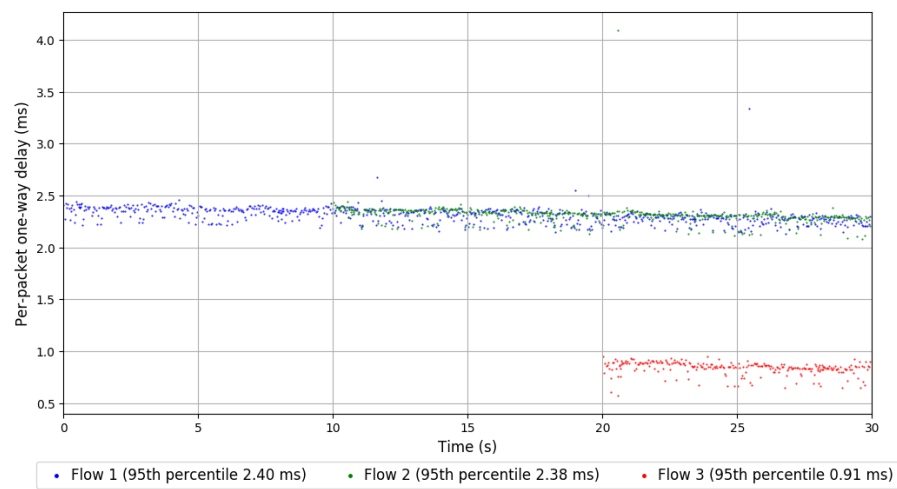
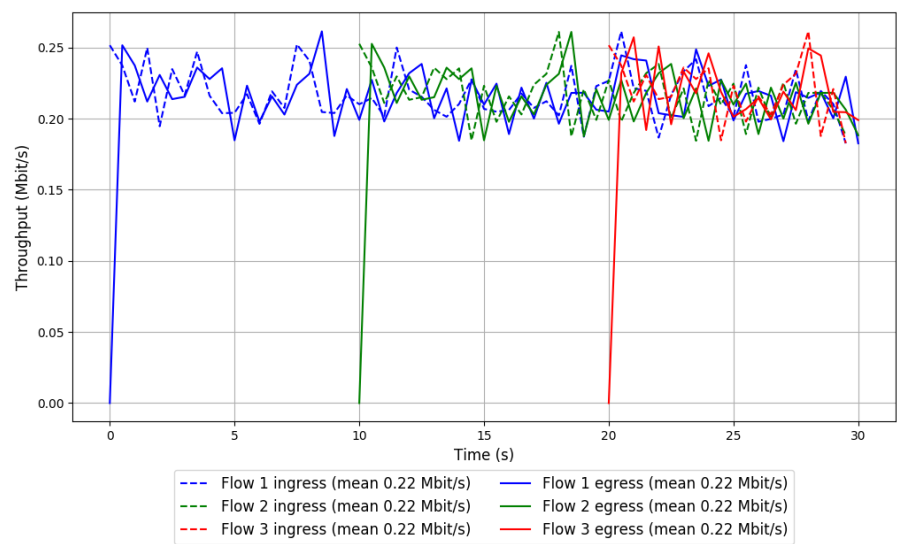


Run 7: Statistics of SReAM

Start at: 2018-05-24 15:44:15
End at: 2018-05-24 15:44:45
Local clock offset: -5.912 ms
Remote clock offset: 7.048 ms

Below is generated by plot.py at 2018-05-24 17:07:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.389 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.401 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.376 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.913 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SReAM

Start at: 2018-05-24 16:02:07

End at: 2018-05-24 16:02:37

Local clock offset: -6.726 ms

Remote clock offset: 9.313 ms

Below is generated by plot.py at 2018-05-24 17:07:01

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 3.400 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 3.393 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 3.412 ms

Loss rate: 0.00%

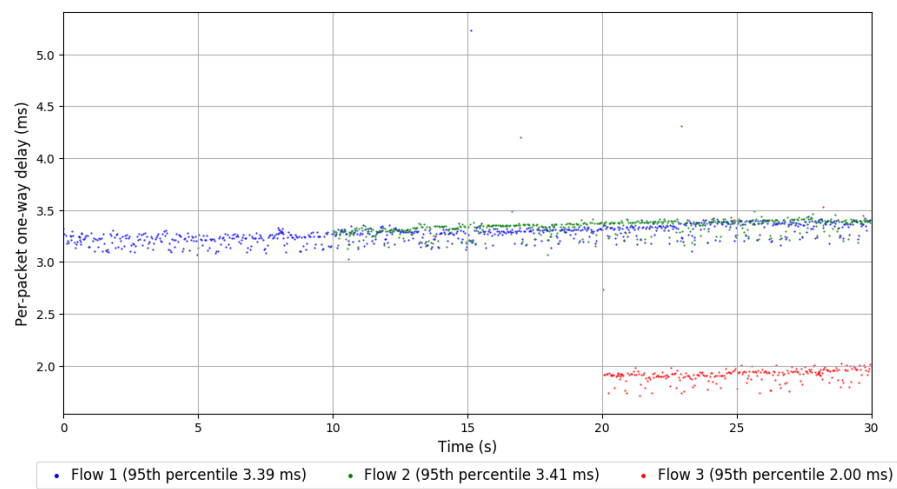
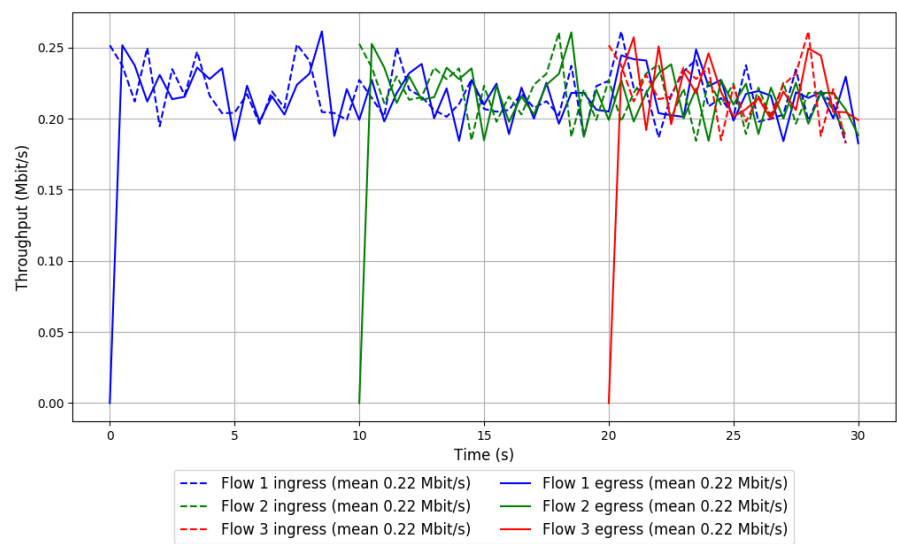
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.999 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

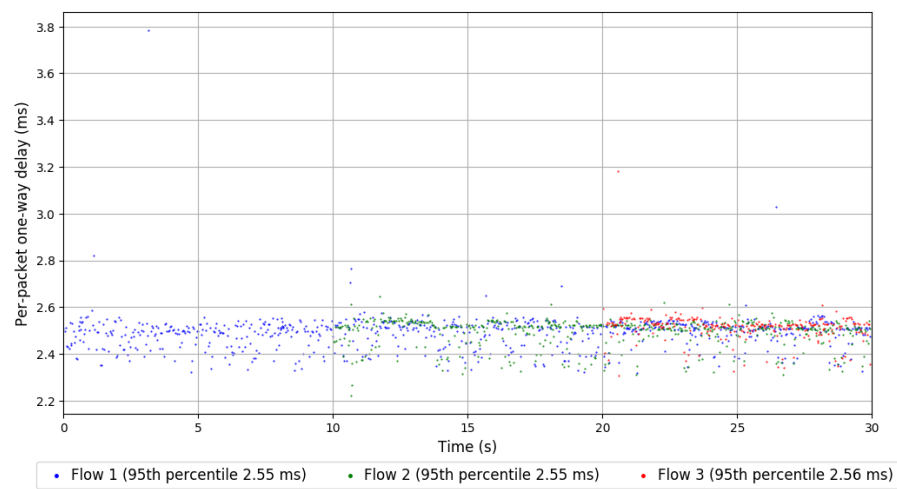
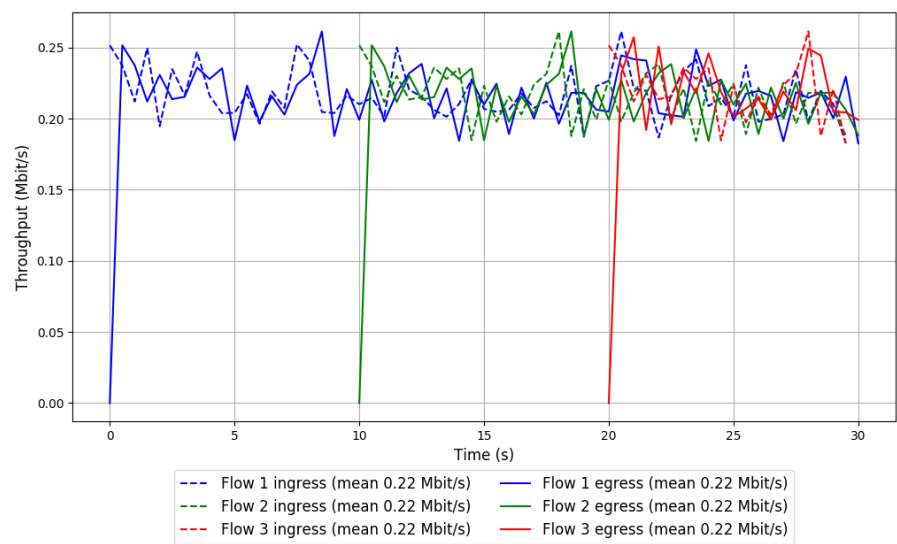


Run 9: Statistics of SReAM

Start at: 2018-05-24 16:19:59
End at: 2018-05-24 16:20:29
Local clock offset: -6.047 ms
Remote clock offset: 7.71 ms

Below is generated by plot.py at 2018-05-24 17:07:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.552 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.549 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.547 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.557 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

Start at: 2018-05-24 16:37:51

End at: 2018-05-24 16:38:21

Local clock offset: -5.306 ms

Remote clock offset: 4.367 ms

Below is generated by plot.py at 2018-05-24 17:07:01

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 2.112 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.115 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.116 ms

Loss rate: 0.00%

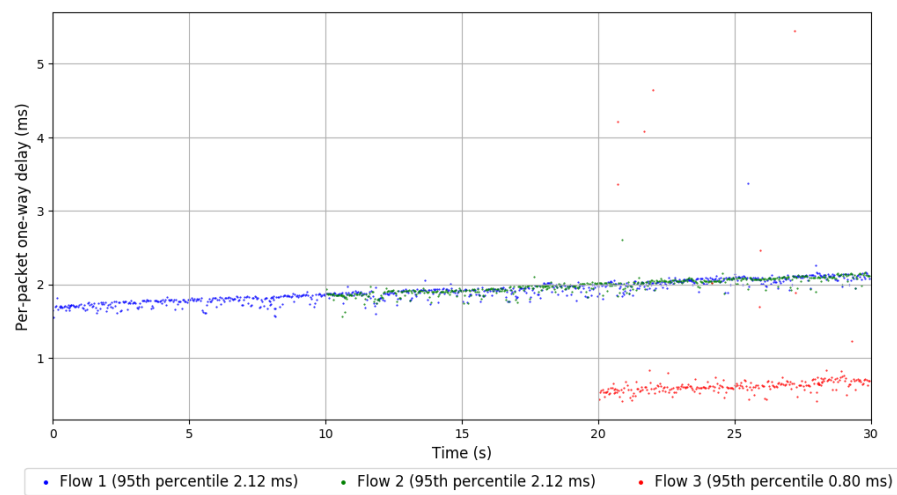
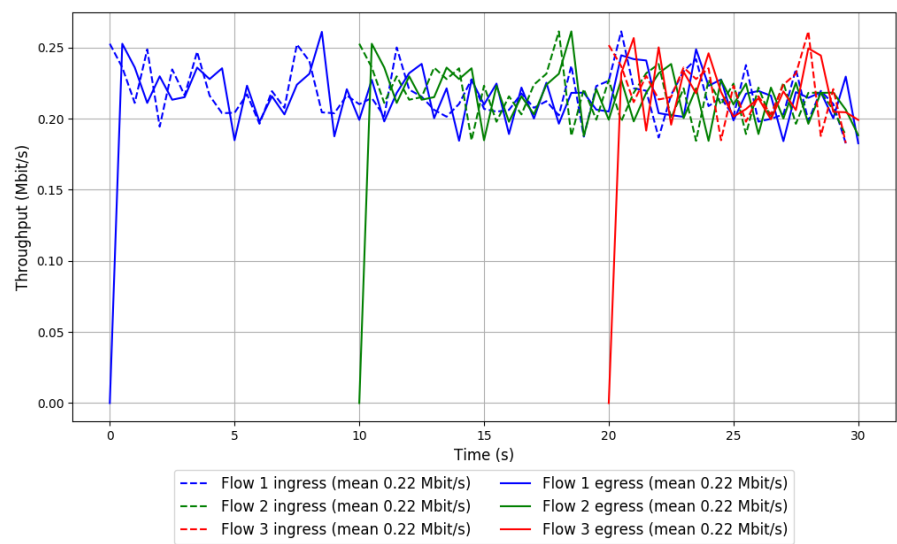
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 0.799 ms

Loss rate: 0.00%

Run 10: Report of SCReAM — Data Link



Run 1: Statistics of Sprout

Start at: 2018-05-24 14:01:29

End at: 2018-05-24 14:01:59

Local clock offset: -5.736 ms

Remote clock offset: -2.07 ms

Below is generated by plot.py at 2018-05-24 17:07:01

Datalink statistics

-- Total of 3 flows:

Average throughput: 78.50 Mbit/s

95th percentile per-packet one-way delay: 22.260 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 42.05 Mbit/s

95th percentile per-packet one-way delay: 21.961 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 38.53 Mbit/s

95th percentile per-packet one-way delay: 21.704 ms

Loss rate: 0.00%

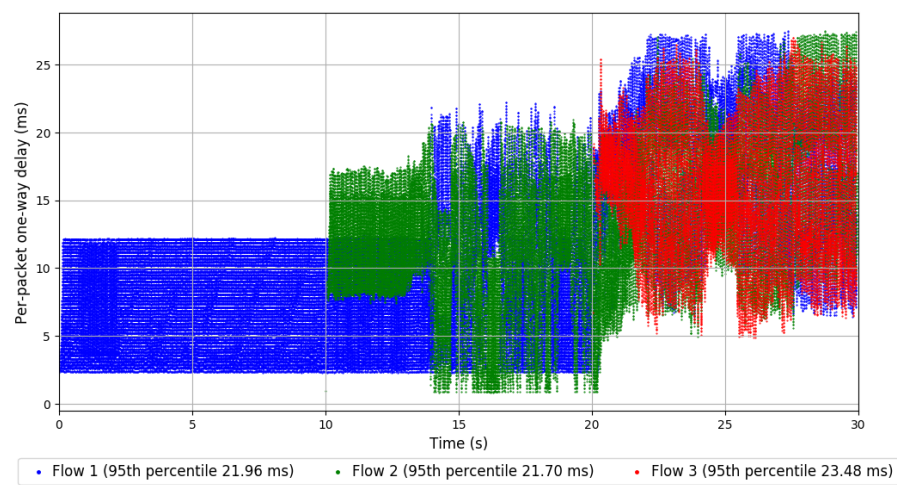
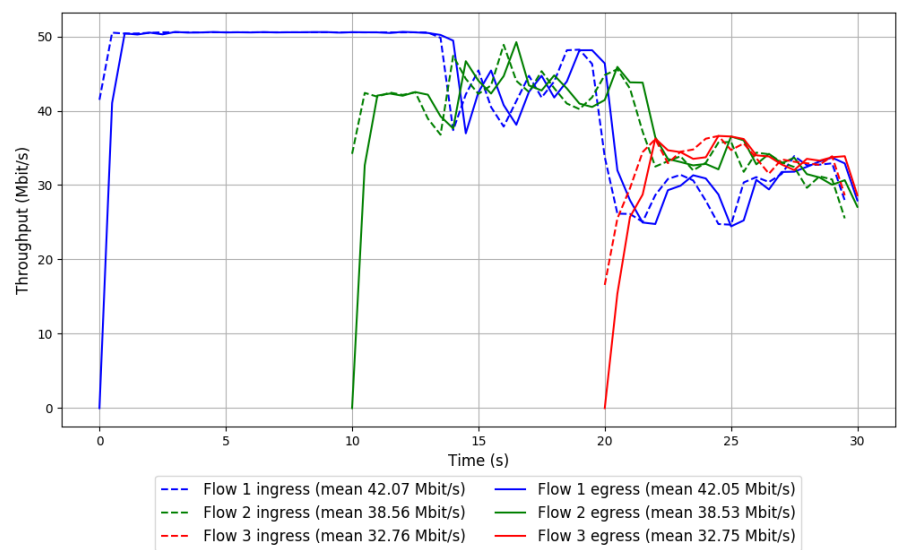
-- Flow 3:

Average throughput: 32.75 Mbit/s

95th percentile per-packet one-way delay: 23.475 ms

Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

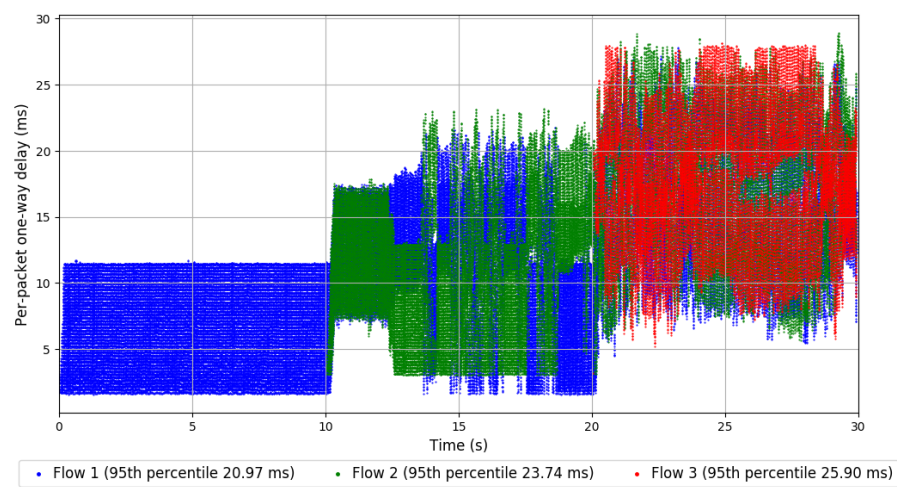
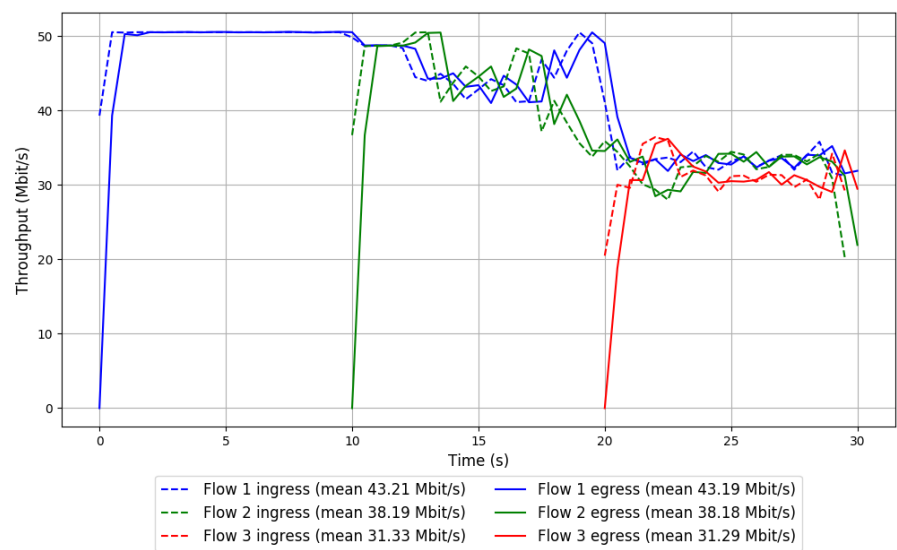


Run 2: Statistics of Sprout

Start at: 2018-05-24 14:19:21
End at: 2018-05-24 14:19:51
Local clock offset: -6.474 ms
Remote clock offset: -1.83 ms

Below is generated by plot.py at 2018-05-24 17:07:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.92 Mbit/s
95th percentile per-packet one-way delay: 23.178 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 43.19 Mbit/s
95th percentile per-packet one-way delay: 20.973 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.18 Mbit/s
95th percentile per-packet one-way delay: 23.743 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 31.29 Mbit/s
95th percentile per-packet one-way delay: 25.904 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

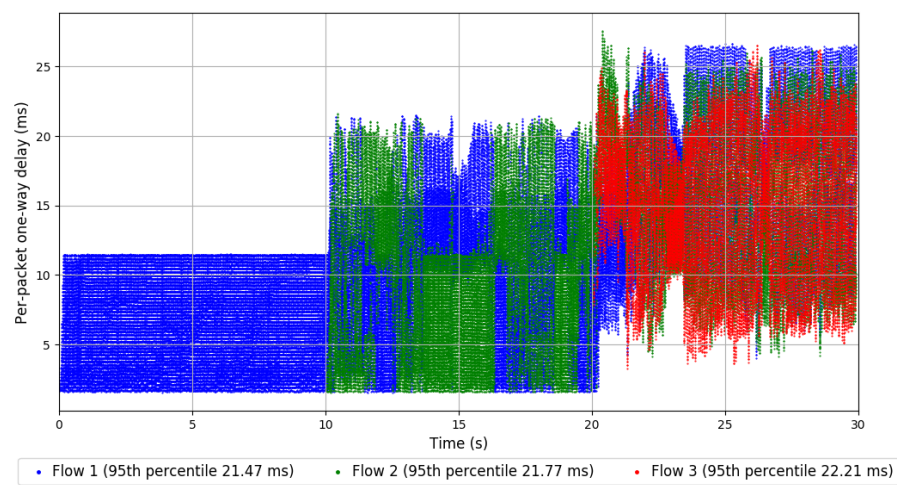
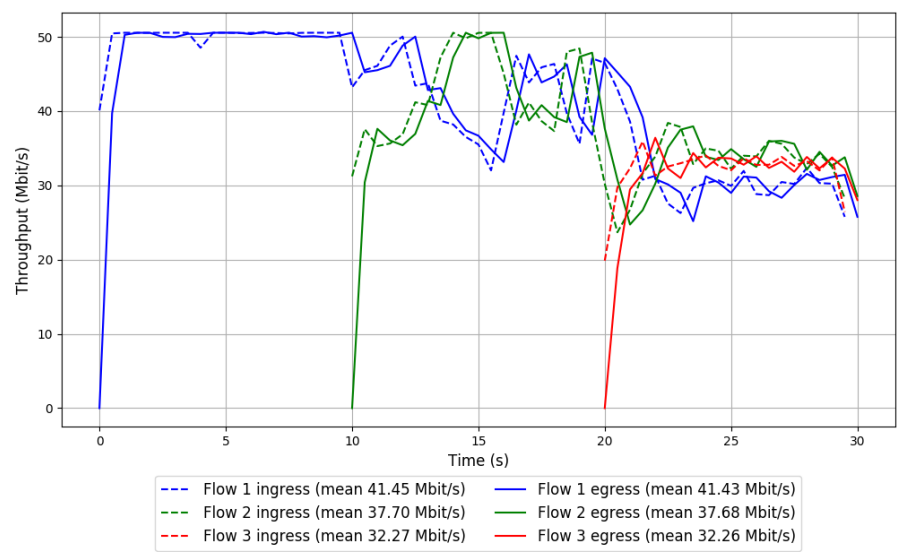


Run 3: Statistics of Sprout

Start at: 2018-05-24 14:37:12
End at: 2018-05-24 14:37:42
Local clock offset: -5.094 ms
Remote clock offset: -1.674 ms

Below is generated by plot.py at 2018-05-24 17:07:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.16 Mbit/s
95th percentile per-packet one-way delay: 21.798 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 41.43 Mbit/s
95th percentile per-packet one-way delay: 21.469 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 37.68 Mbit/s
95th percentile per-packet one-way delay: 21.773 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 32.26 Mbit/s
95th percentile per-packet one-way delay: 22.214 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

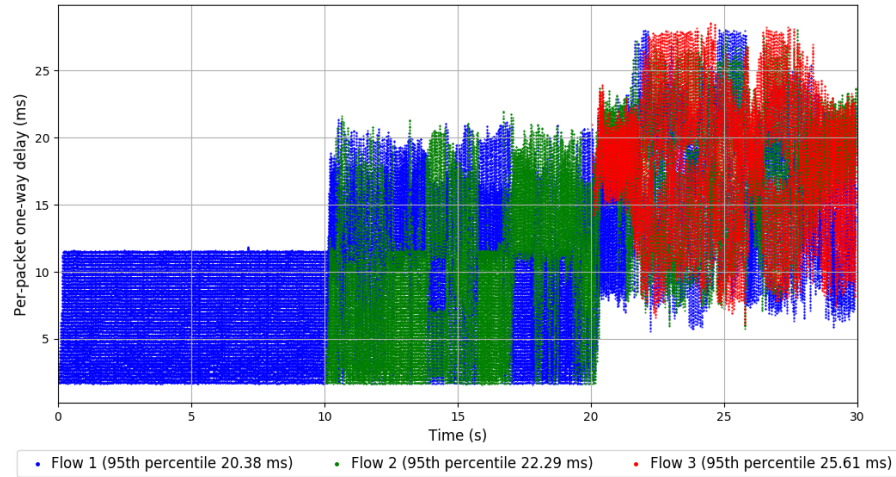
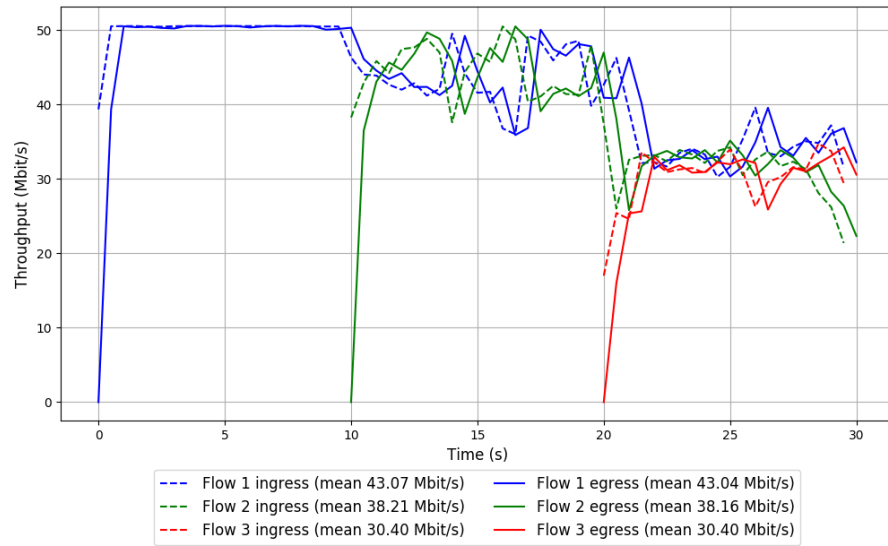


Run 4: Statistics of Sprout

Start at: 2018-05-24 14:55:04
End at: 2018-05-24 14:55:34
Local clock offset: -6.707 ms
Remote clock offset: -1.756 ms

Below is generated by plot.py at 2018-05-24 17:07:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.48 Mbit/s
95th percentile per-packet one-way delay: 22.409 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 43.04 Mbit/s
95th percentile per-packet one-way delay: 20.375 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.16 Mbit/s
95th percentile per-packet one-way delay: 22.291 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.40 Mbit/s
95th percentile per-packet one-way delay: 25.611 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

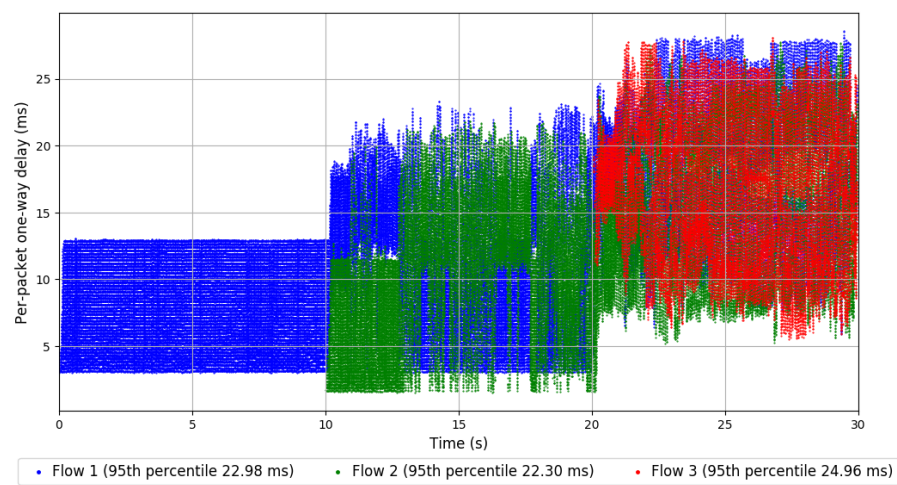
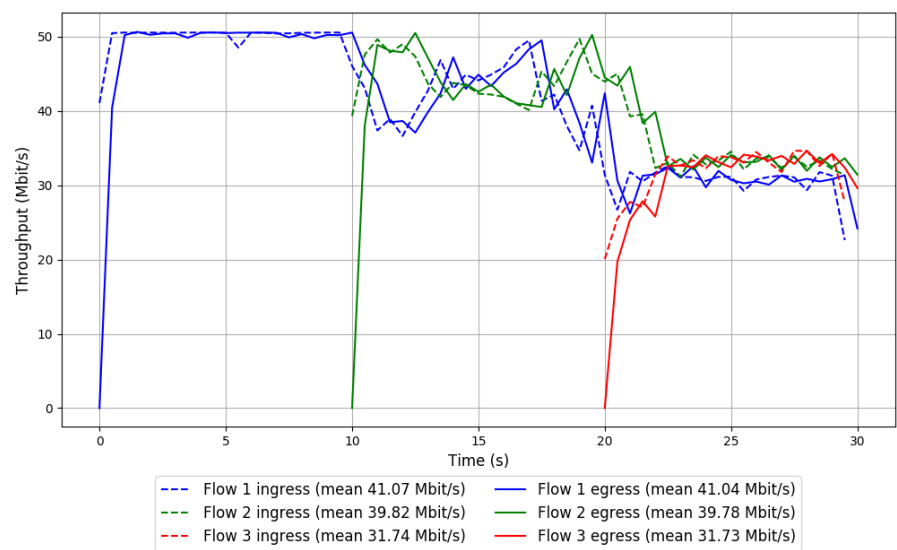


Run 5: Statistics of Sprout

Start at: 2018-05-24 15:12:56
End at: 2018-05-24 15:13:26
Local clock offset: -6.375 ms
Remote clock offset: -2.101 ms

Below is generated by plot.py at 2018-05-24 17:07:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.99 Mbit/s
95th percentile per-packet one-way delay: 23.316 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 41.04 Mbit/s
95th percentile per-packet one-way delay: 22.981 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.78 Mbit/s
95th percentile per-packet one-way delay: 22.297 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 31.73 Mbit/s
95th percentile per-packet one-way delay: 24.962 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2018-05-24 15:30:47

End at: 2018-05-24 15:31:17

Local clock offset: -6.485 ms

Remote clock offset: 1.853 ms

Below is generated by plot.py at 2018-05-24 17:07:15

Datalink statistics

-- Total of 3 flows:

Average throughput: 77.70 Mbit/s

95th percentile per-packet one-way delay: 22.813 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 42.78 Mbit/s

95th percentile per-packet one-way delay: 20.187 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 36.87 Mbit/s

95th percentile per-packet one-way delay: 23.820 ms

Loss rate: 0.00%

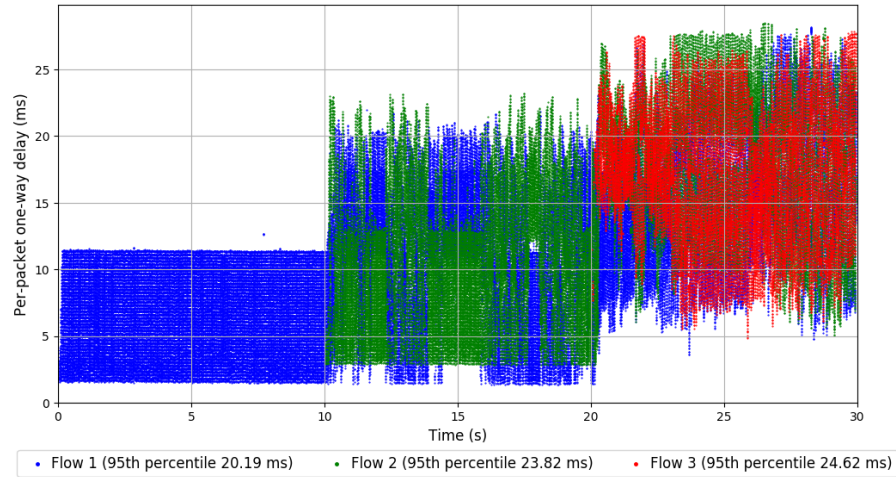
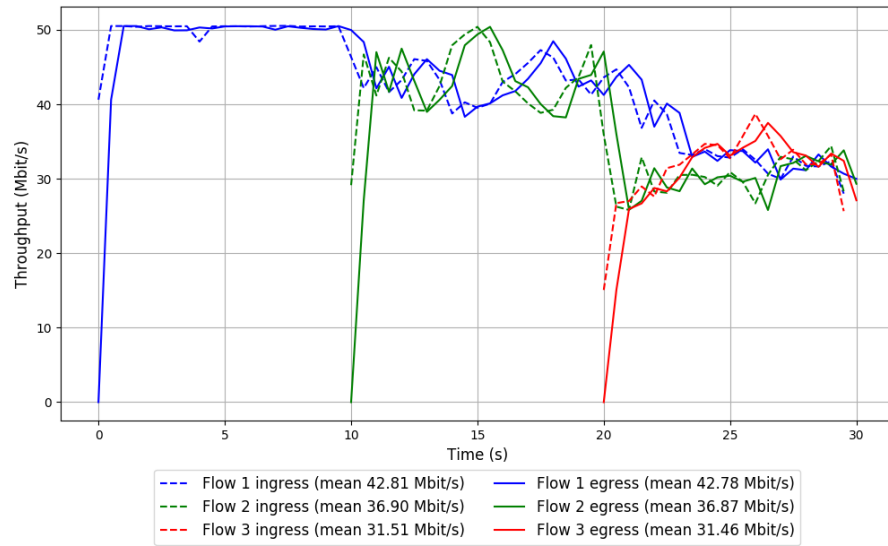
-- Flow 3:

Average throughput: 31.46 Mbit/s

95th percentile per-packet one-way delay: 24.618 ms

Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

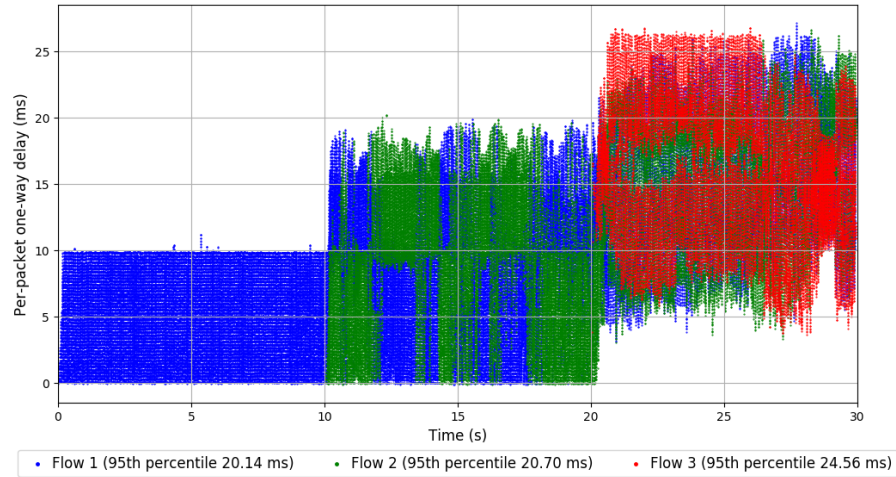
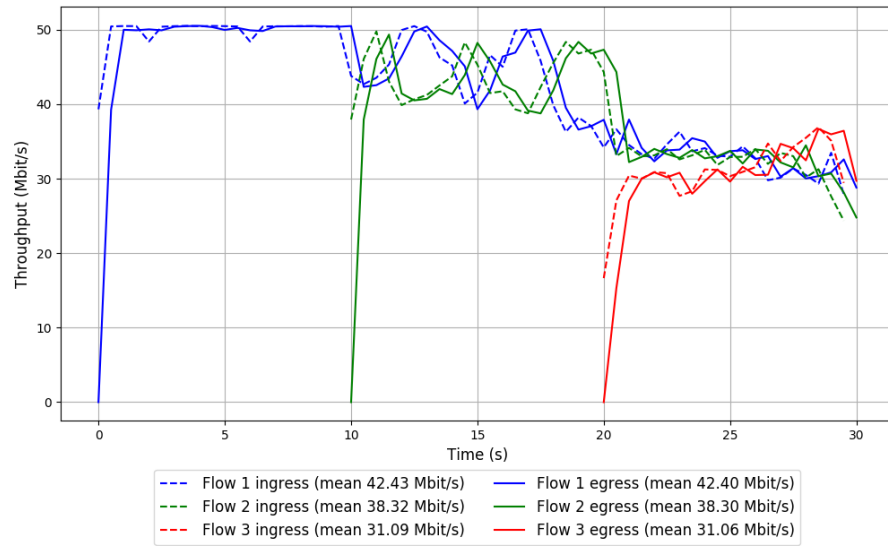


Run 7: Statistics of Sprout

Start at: 2018-05-24 15:48:40
End at: 2018-05-24 15:49:10
Local clock offset: -5.168 ms
Remote clock offset: 7.962 ms

Below is generated by plot.py at 2018-05-24 17:07:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.15 Mbit/s
95th percentile per-packet one-way delay: 21.551 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 42.40 Mbit/s
95th percentile per-packet one-way delay: 20.135 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.30 Mbit/s
95th percentile per-packet one-way delay: 20.700 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 31.06 Mbit/s
95th percentile per-packet one-way delay: 24.562 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: 2018-05-24 16:06:32

End at: 2018-05-24 16:07:02

Local clock offset: -5.19 ms

Remote clock offset: 8.228 ms

Below is generated by plot.py at 2018-05-24 17:07:45

Datalink statistics

-- Total of 3 flows:

Average throughput: 76.80 Mbit/s

95th percentile per-packet one-way delay: 21.985 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 41.20 Mbit/s

95th percentile per-packet one-way delay: 20.223 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 38.30 Mbit/s

95th percentile per-packet one-way delay: 22.082 ms

Loss rate: 0.00%

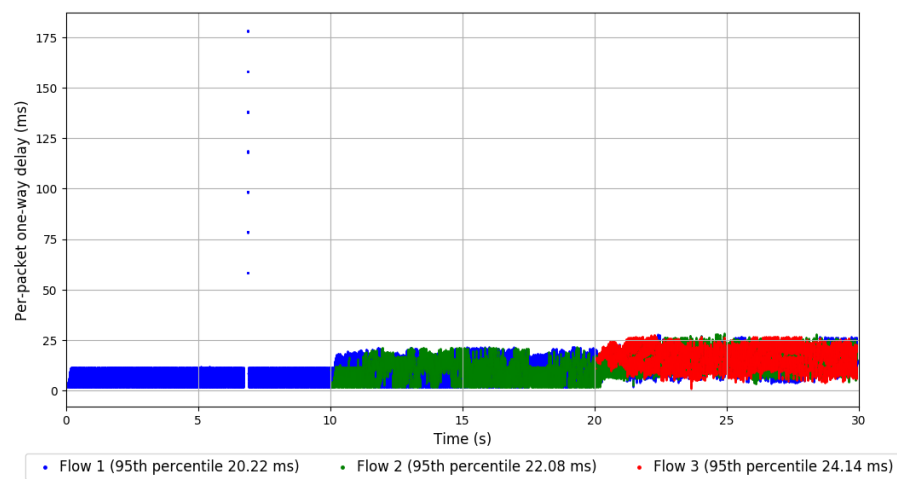
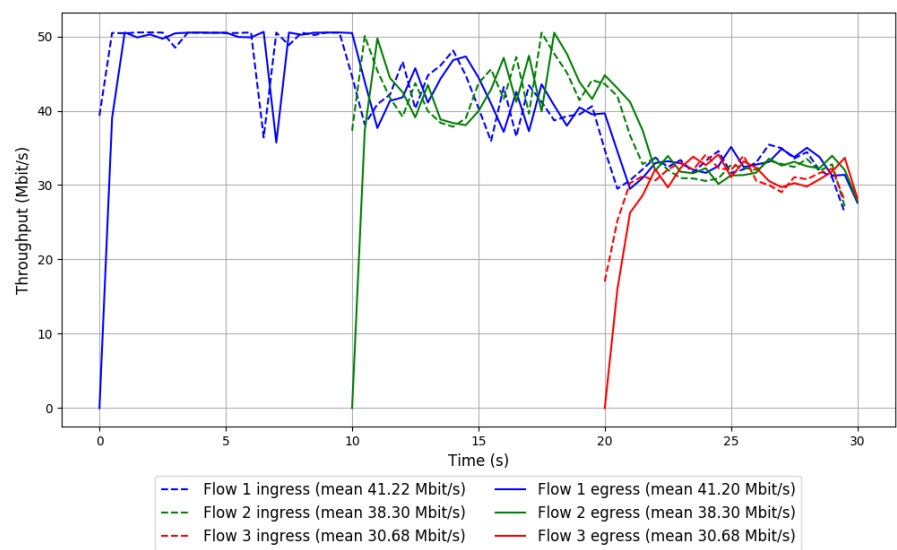
-- Flow 3:

Average throughput: 30.68 Mbit/s

95th percentile per-packet one-way delay: 24.141 ms

Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

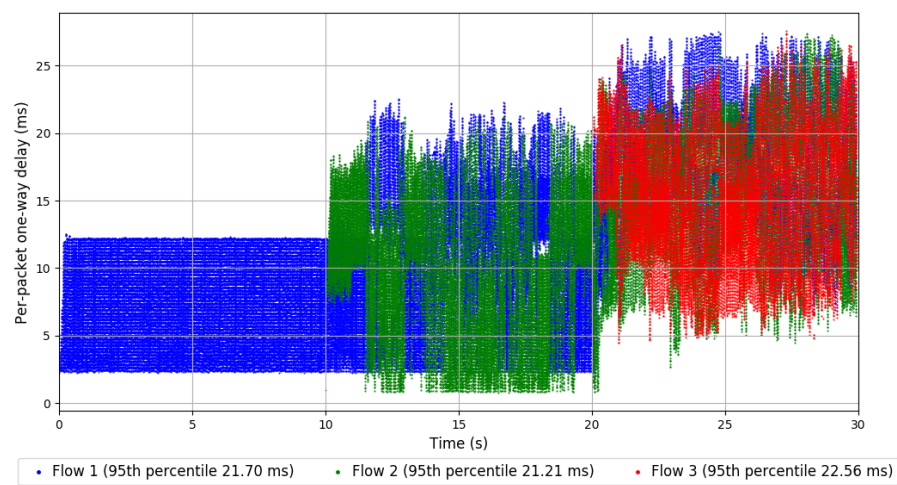
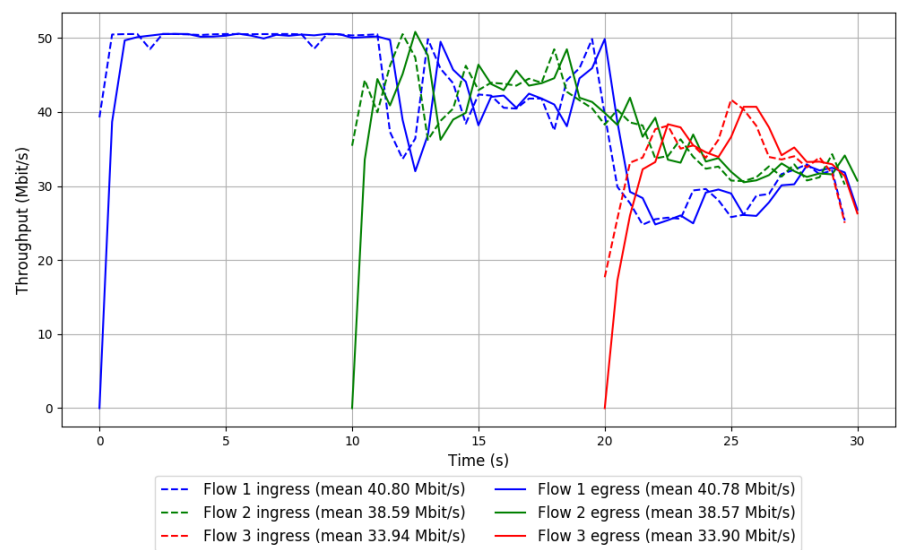


Run 9: Statistics of Sprout

Start at: 2018-05-24 16:24:24
End at: 2018-05-24 16:24:54
Local clock offset: -5.989 ms
Remote clock offset: 7.863 ms

Below is generated by plot.py at 2018-05-24 17:07:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.64 Mbit/s
95th percentile per-packet one-way delay: 21.729 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 40.78 Mbit/s
95th percentile per-packet one-way delay: 21.701 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.57 Mbit/s
95th percentile per-packet one-way delay: 21.215 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 33.90 Mbit/s
95th percentile per-packet one-way delay: 22.560 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

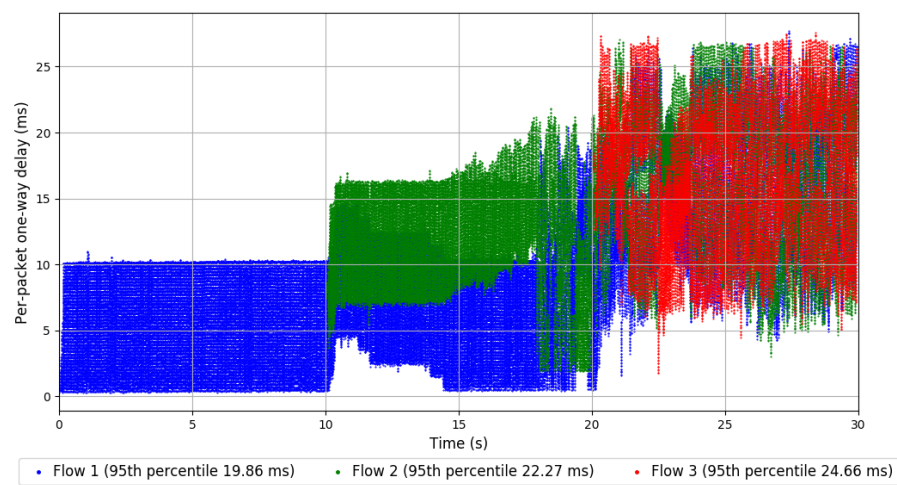
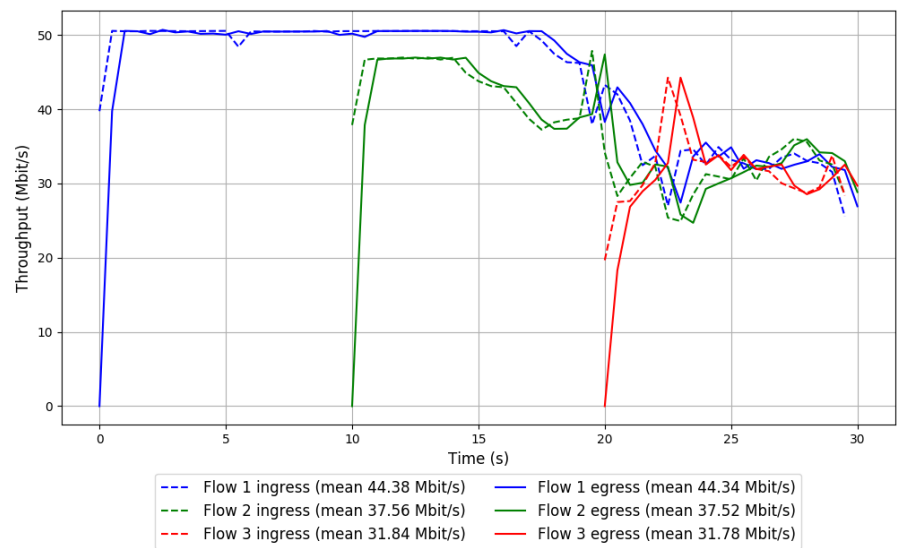


Run 10: Statistics of Sprout

Start at: 2018-05-24 16:42:16
End at: 2018-05-24 16:42:46
Local clock offset: -5.317 ms
Remote clock offset: 1.455 ms

Below is generated by plot.py at 2018-05-24 17:07:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.81 Mbit/s
95th percentile per-packet one-way delay: 22.169 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 44.34 Mbit/s
95th percentile per-packet one-way delay: 19.862 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 37.52 Mbit/s
95th percentile per-packet one-way delay: 22.265 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 31.78 Mbit/s
95th percentile per-packet one-way delay: 24.663 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

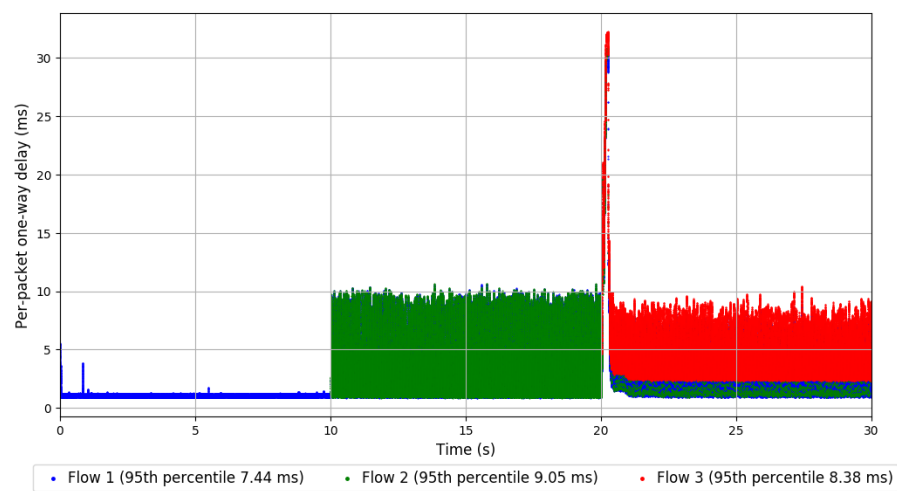
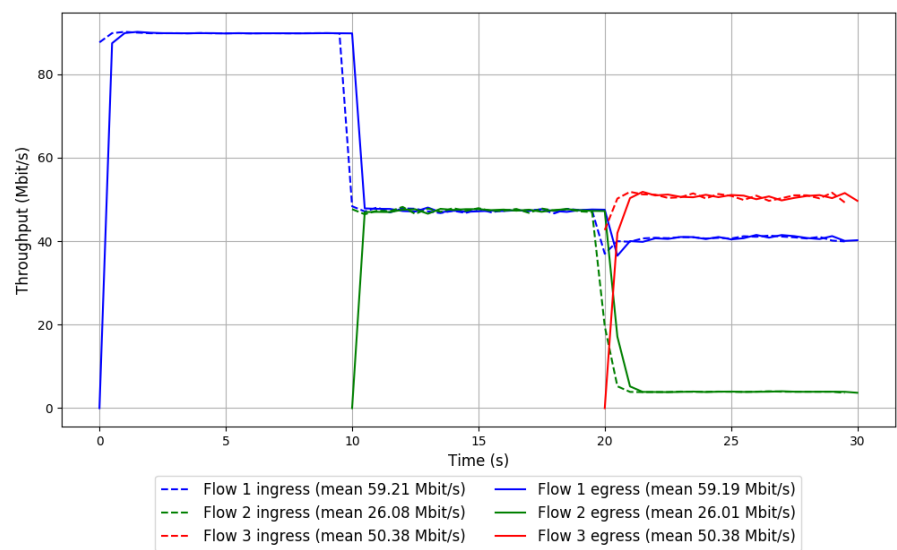


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-05-24 13:53:35
End at: 2018-05-24 13:54:05
Local clock offset: -5.843 ms
Remote clock offset: -2.328 ms

# Below is generated by plot.py at 2018-05-24 17:08:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.27 Mbit/s
95th percentile per-packet one-way delay: 8.249 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 59.19 Mbit/s
95th percentile per-packet one-way delay: 7.438 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 26.01 Mbit/s
95th percentile per-packet one-way delay: 9.052 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 50.38 Mbit/s
95th percentile per-packet one-way delay: 8.380 ms
Loss rate: 0.03%
```

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

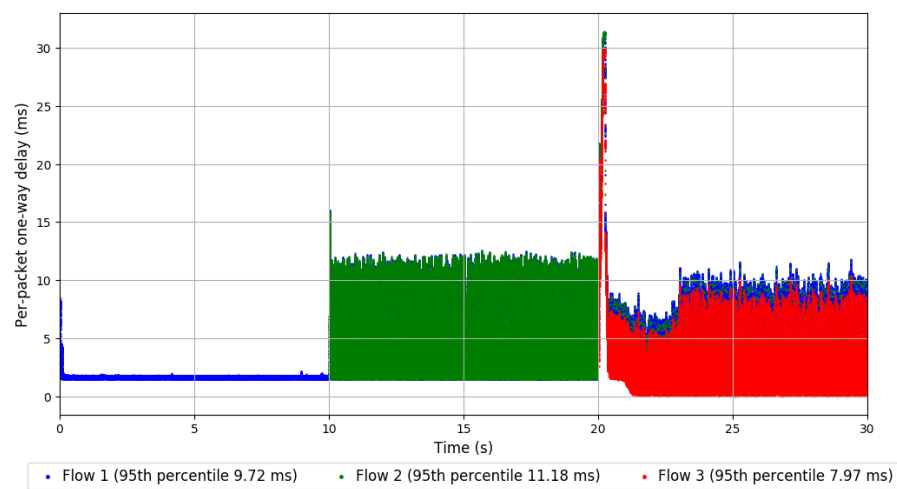
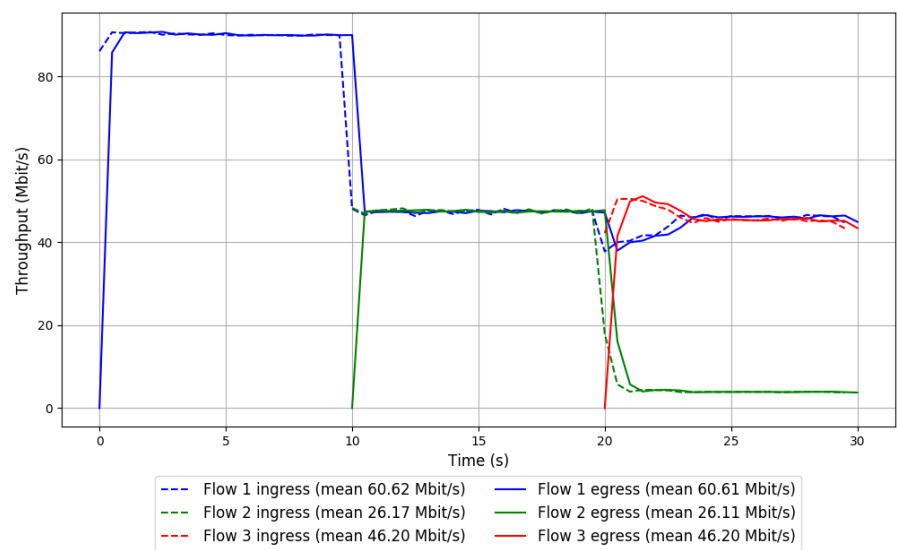


Run 2: Statistics of TaoVA-100x

Start at: 2018-05-24 14:11:27
End at: 2018-05-24 14:11:57
Local clock offset: -4.946 ms
Remote clock offset: -1.887 ms

Below is generated by plot.py at 2018-05-24 17:08:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.38 Mbit/s
95th percentile per-packet one-way delay: 10.156 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 60.61 Mbit/s
95th percentile per-packet one-way delay: 9.717 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 26.11 Mbit/s
95th percentile per-packet one-way delay: 11.177 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 46.20 Mbit/s
95th percentile per-packet one-way delay: 7.972 ms
Loss rate: 0.06%

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

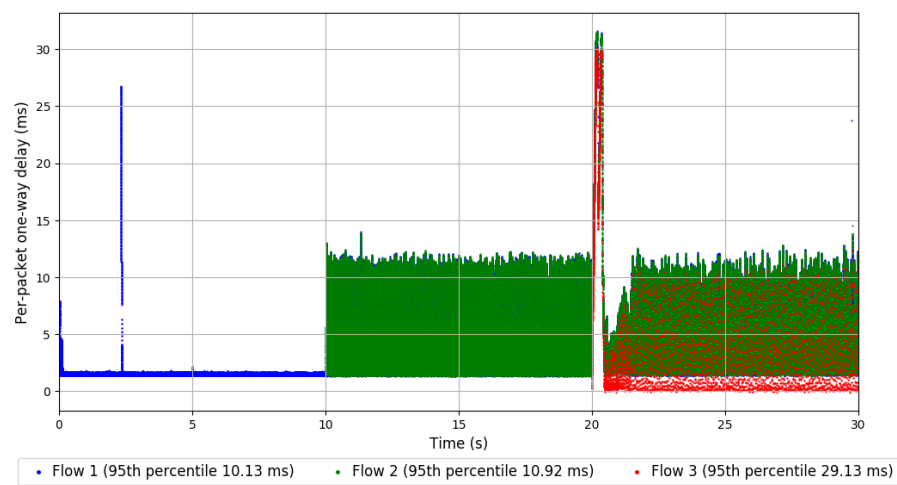
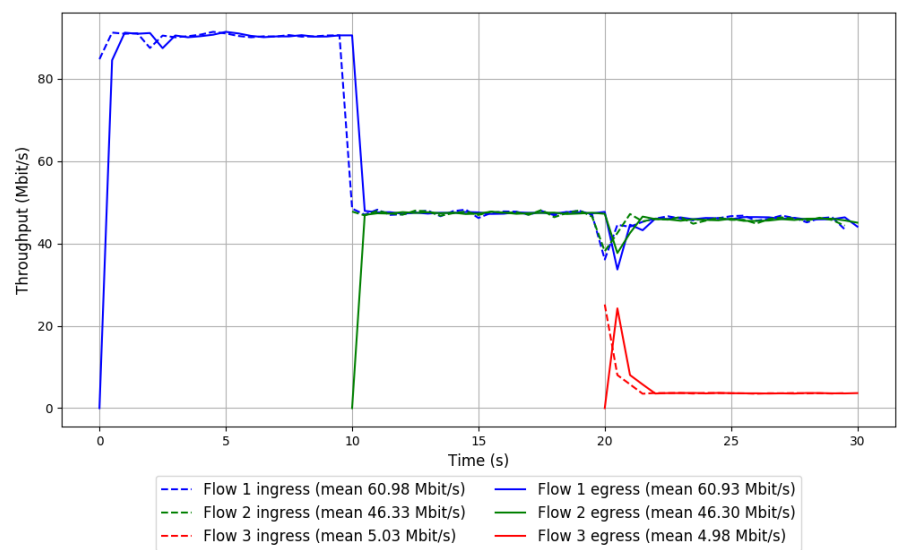


Run 3: Statistics of TaoVA-100x

Start at: 2018-05-24 14:29:19
End at: 2018-05-24 14:29:49
Local clock offset: -5.006 ms
Remote clock offset: -1.902 ms

Below is generated by plot.py at 2018-05-24 17:08:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.45 Mbit/s
95th percentile per-packet one-way delay: 10.562 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 60.93 Mbit/s
95th percentile per-packet one-way delay: 10.130 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 46.30 Mbit/s
95th percentile per-packet one-way delay: 10.919 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 4.98 Mbit/s
95th percentile per-packet one-way delay: 29.134 ms
Loss rate: 0.91%

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

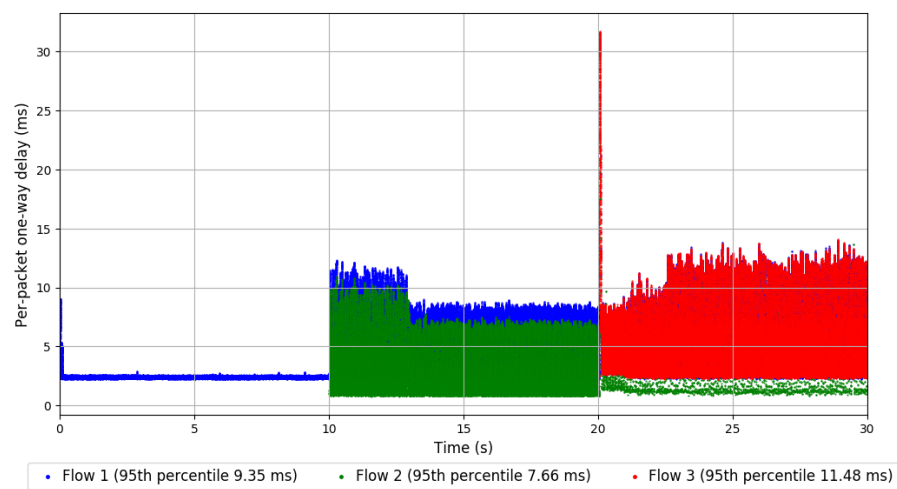
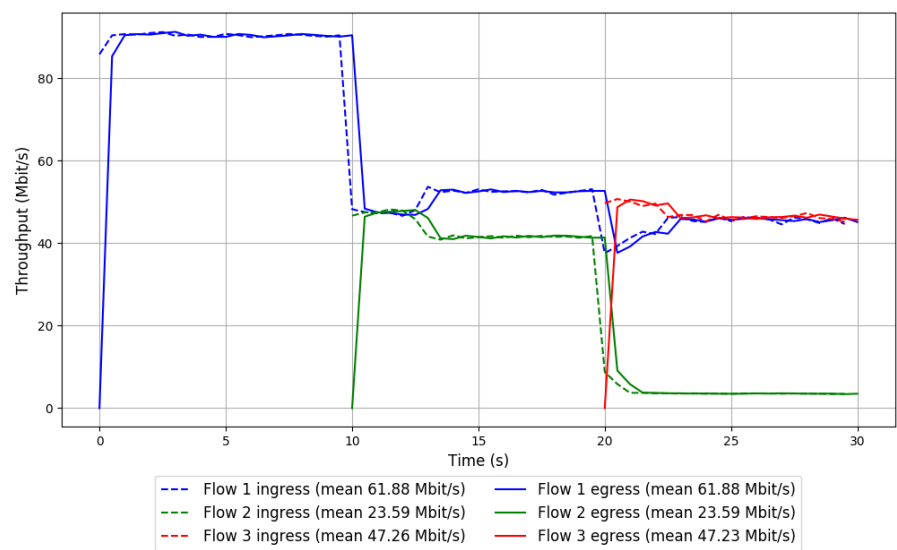


Run 4: Statistics of TaoVA-100x

Start at: 2018-05-24 14:47:11
End at: 2018-05-24 14:47:41
Local clock offset: -5.971 ms
Remote clock offset: -1.687 ms

Below is generated by plot.py at 2018-05-24 17:09:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.30 Mbit/s
95th percentile per-packet one-way delay: 9.823 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 61.88 Mbit/s
95th percentile per-packet one-way delay: 9.351 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 23.59 Mbit/s
95th percentile per-packet one-way delay: 7.660 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 47.23 Mbit/s
95th percentile per-packet one-way delay: 11.485 ms
Loss rate: 0.06%

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

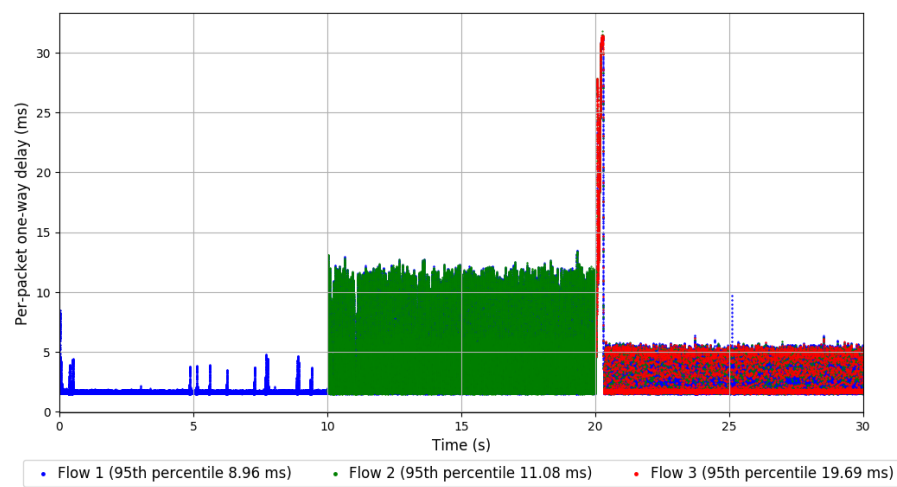
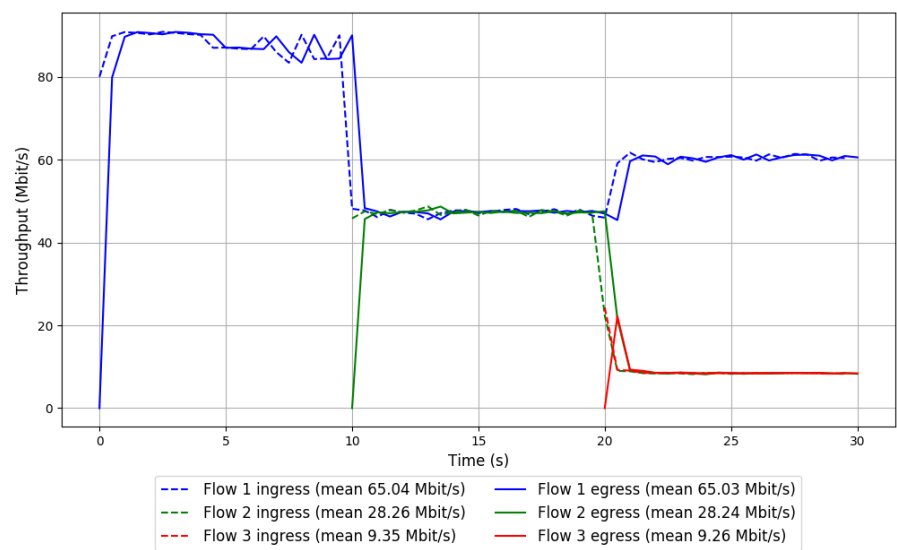


Run 5: Statistics of TaoVA-100x

Start at: 2018-05-24 15:05:02
End at: 2018-05-24 15:05:32
Local clock offset: -4.936 ms
Remote clock offset: -2.029 ms

Below is generated by plot.py at 2018-05-24 17:09:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.92 Mbit/s
95th percentile per-packet one-way delay: 10.098 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 65.03 Mbit/s
95th percentile per-packet one-way delay: 8.964 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 28.24 Mbit/s
95th percentile per-packet one-way delay: 11.079 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 9.26 Mbit/s
95th percentile per-packet one-way delay: 19.692 ms
Loss rate: 1.09%

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

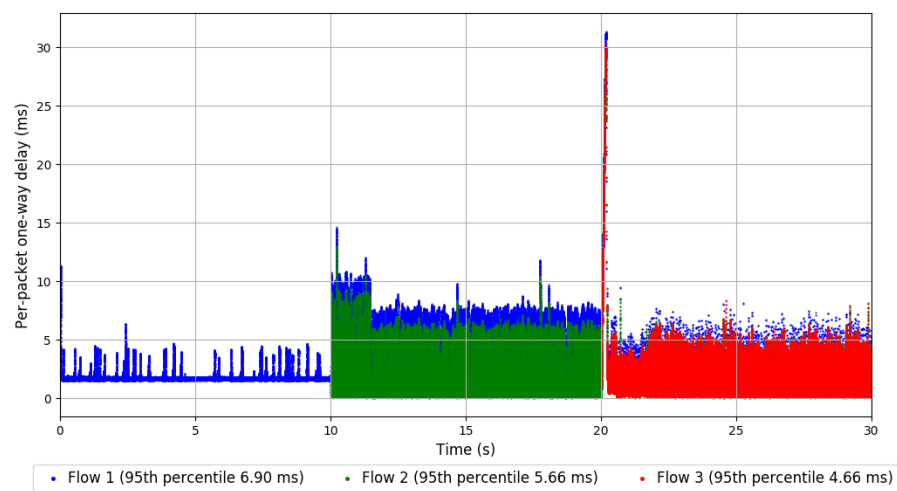
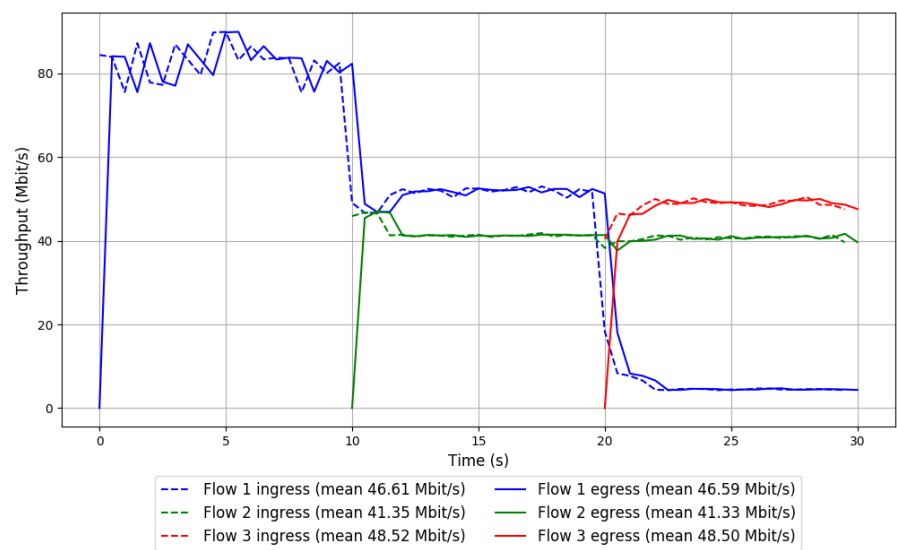


Run 6: Statistics of TaoVA-100x

Start at: 2018-05-24 15:22:54
End at: 2018-05-24 15:23:24
Local clock offset: -4.788 ms
Remote clock offset: -2.043 ms

Below is generated by plot.py at 2018-05-24 17:09:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.24 Mbit/s
95th percentile per-packet one-way delay: 6.311 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 46.59 Mbit/s
95th percentile per-packet one-way delay: 6.900 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 41.33 Mbit/s
95th percentile per-packet one-way delay: 5.660 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 48.50 Mbit/s
95th percentile per-packet one-way delay: 4.663 ms
Loss rate: 0.04%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-05-24 15:40:46

End at: 2018-05-24 15:41:16

Local clock offset: -6.651 ms

Remote clock offset: 6.03 ms

Below is generated by plot.py at 2018-05-24 17:09:49

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.80 Mbit/s

95th percentile per-packet one-way delay: 9.742 ms

Loss rate: 0.05%

-- Flow 1:

Average throughput: 57.30 Mbit/s

95th percentile per-packet one-way delay: 7.821 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 26.11 Mbit/s

95th percentile per-packet one-way delay: 11.595 ms

Loss rate: 0.03%

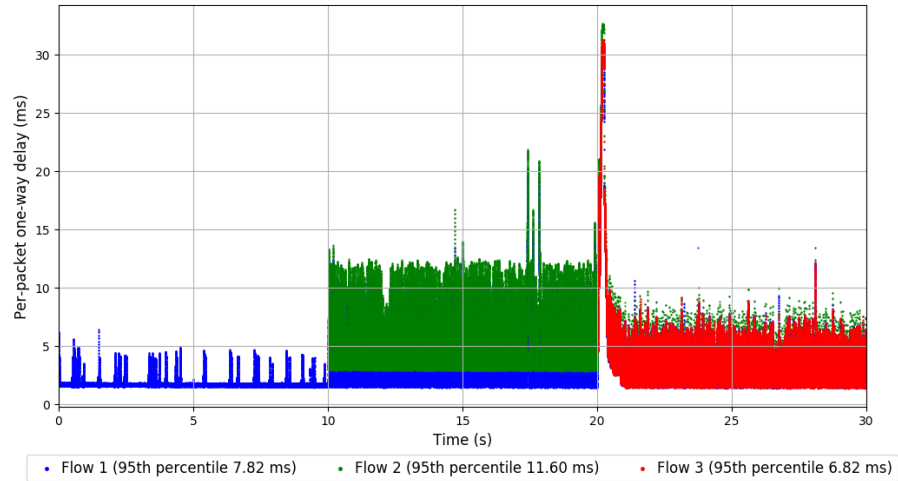
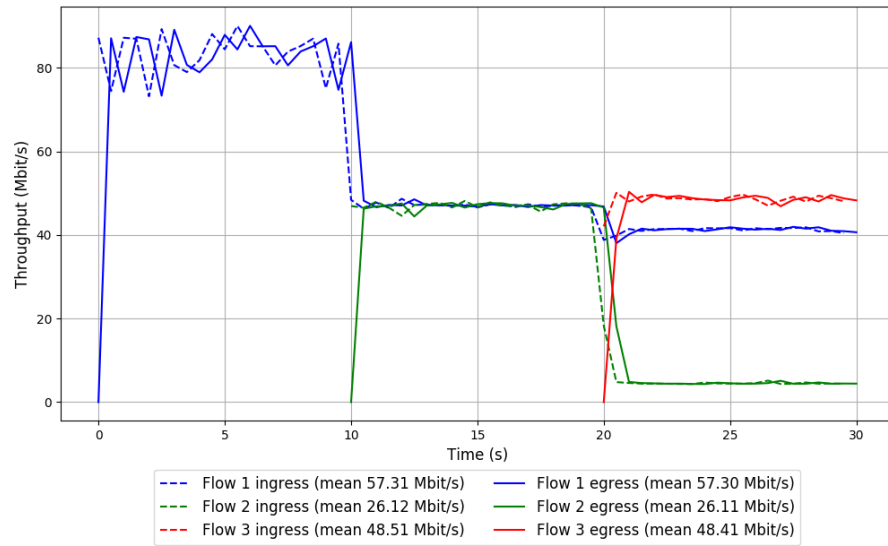
-- Flow 3:

Average throughput: 48.41 Mbit/s

95th percentile per-packet one-way delay: 6.817 ms

Loss rate: 0.24%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-05-24 15:58:39

End at: 2018-05-24 15:59:09

Local clock offset: -5.205 ms

Remote clock offset: 9.926 ms

Below is generated by plot.py at 2018-05-24 17:09:50

Datalink statistics

-- Total of 3 flows:

Average throughput: 89.76 Mbit/s

95th percentile per-packet one-way delay: 7.274 ms

Loss rate: 0.06%

-- Flow 1:

Average throughput: 45.39 Mbit/s

95th percentile per-packet one-way delay: 7.353 ms

Loss rate: 0.02%

-- Flow 2:

Average throughput: 42.27 Mbit/s

95th percentile per-packet one-way delay: 6.512 ms

Loss rate: 0.00%

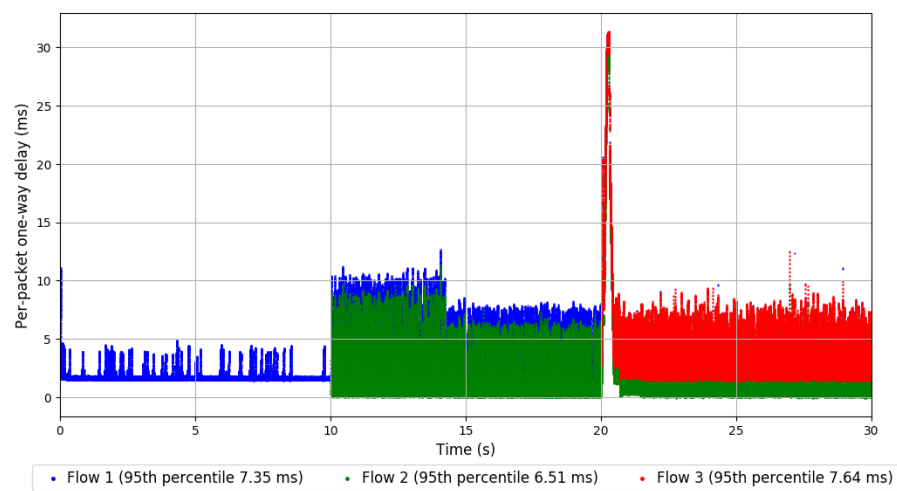
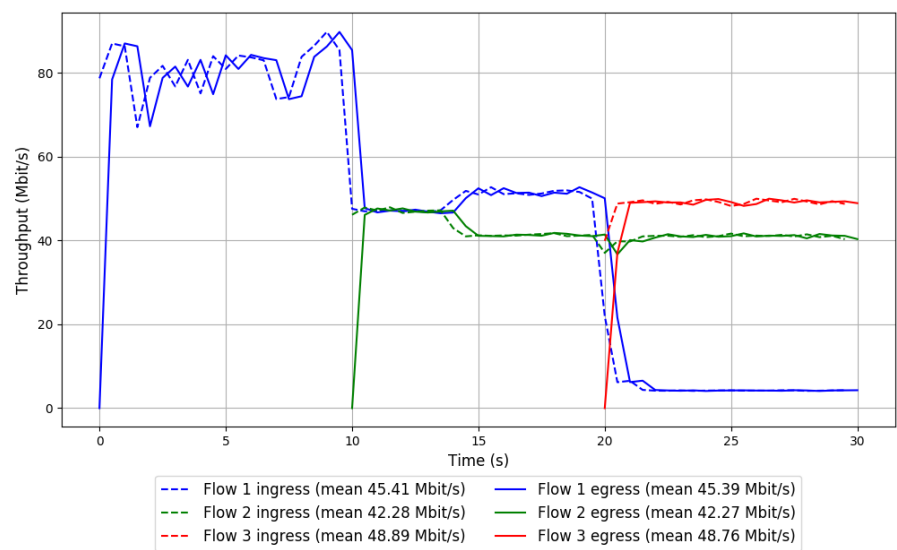
-- Flow 3:

Average throughput: 48.76 Mbit/s

95th percentile per-packet one-way delay: 7.636 ms

Loss rate: 0.25%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-05-24 16:16:31

End at: 2018-05-24 16:17:01

Local clock offset: -5.97 ms

Remote clock offset: 7.59 ms

Below is generated by plot.py at 2018-05-24 17:11:04

Datalink statistics

-- Total of 3 flows:

Average throughput: 86.66 Mbit/s

95th percentile per-packet one-way delay: 8.131 ms

Loss rate: 0.03%

-- Flow 1:

Average throughput: 42.00 Mbit/s

95th percentile per-packet one-way delay: 8.576 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 42.82 Mbit/s

95th percentile per-packet one-way delay: 7.460 ms

Loss rate: 0.02%

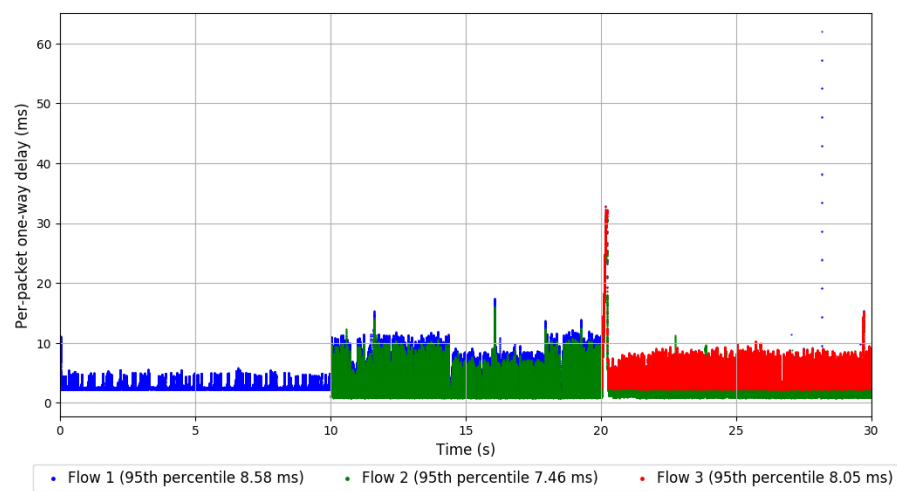
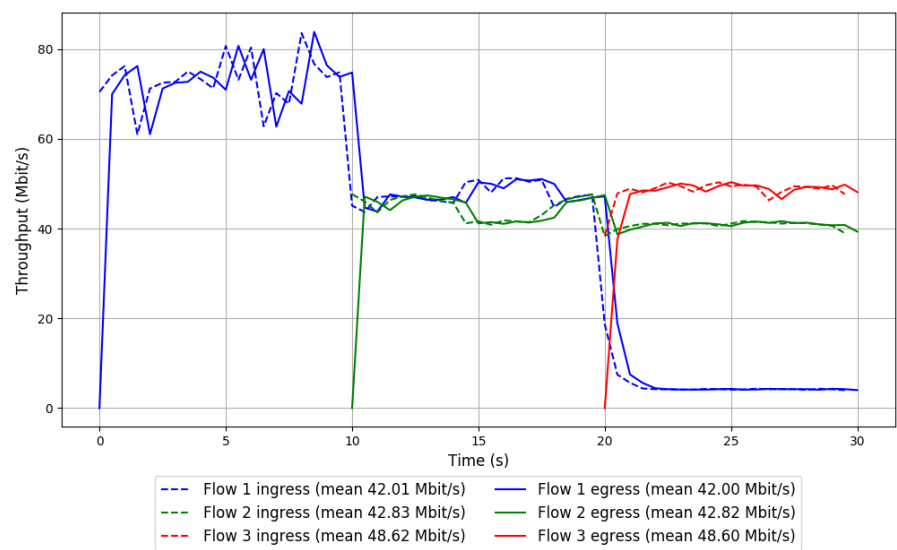
-- Flow 3:

Average throughput: 48.60 Mbit/s

95th percentile per-packet one-way delay: 8.051 ms

Loss rate: 0.06%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-05-24 16:34:23

End at: 2018-05-24 16:34:53

Local clock offset: -6.047 ms

Remote clock offset: 8.068 ms

Below is generated by plot.py at 2018-05-24 17:11:11

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.47 Mbit/s

95th percentile per-packet one-way delay: 9.291 ms

Loss rate: 0.03%

-- Flow 1:

Average throughput: 60.29 Mbit/s

95th percentile per-packet one-way delay: 9.618 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 44.40 Mbit/s

95th percentile per-packet one-way delay: 8.604 ms

Loss rate: 0.03%

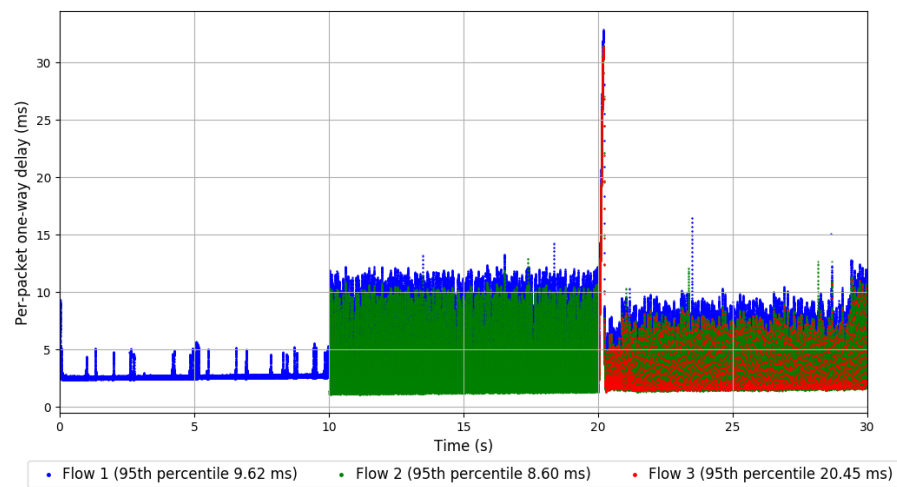
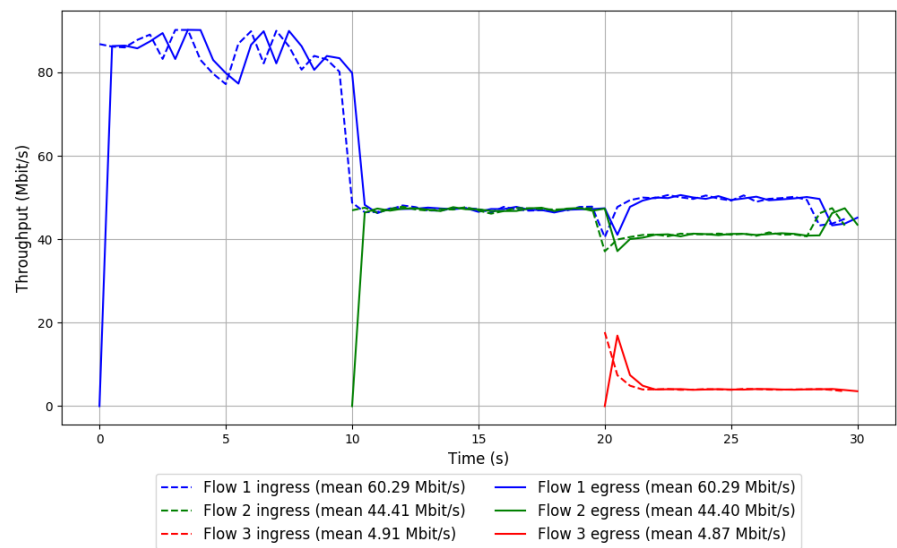
-- Flow 3:

Average throughput: 4.87 Mbit/s

95th percentile per-packet one-way delay: 20.446 ms

Loss rate: 0.78%

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

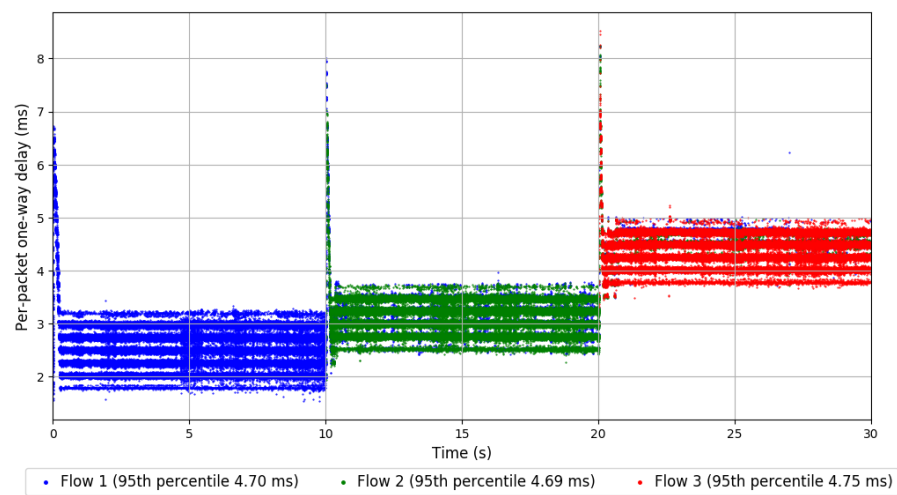
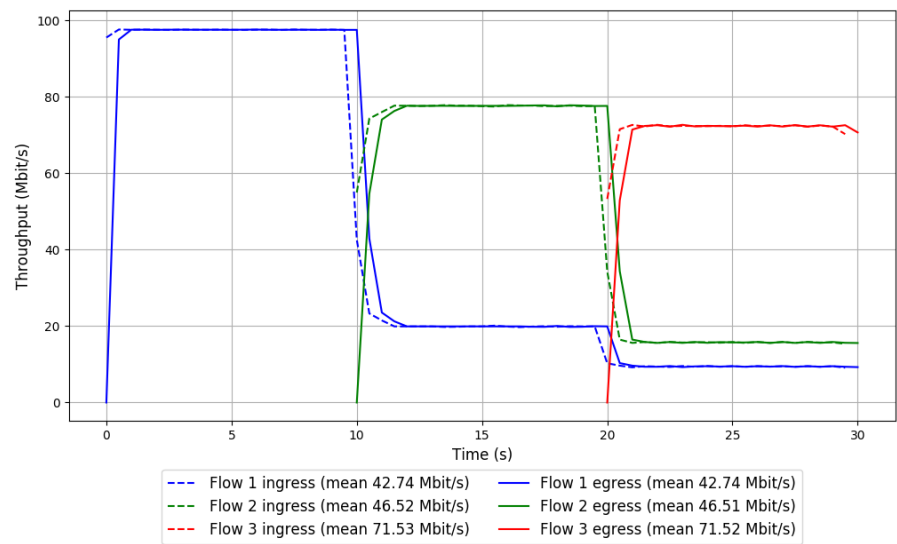


Run 1: Statistics of TCP Vegas

Start at: 2018-05-24 14:05:52
End at: 2018-05-24 14:06:22
Local clock offset: -5.025 ms
Remote clock offset: -2.008 ms

Below is generated by plot.py at 2018-05-24 17:11:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 4.726 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 42.74 Mbit/s
95th percentile per-packet one-way delay: 4.700 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 46.51 Mbit/s
95th percentile per-packet one-way delay: 4.686 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 71.52 Mbit/s
95th percentile per-packet one-way delay: 4.748 ms
Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link

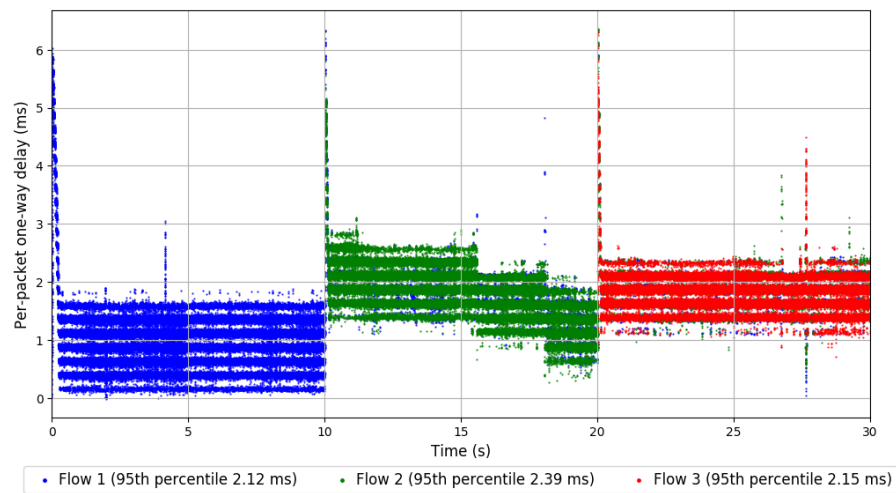
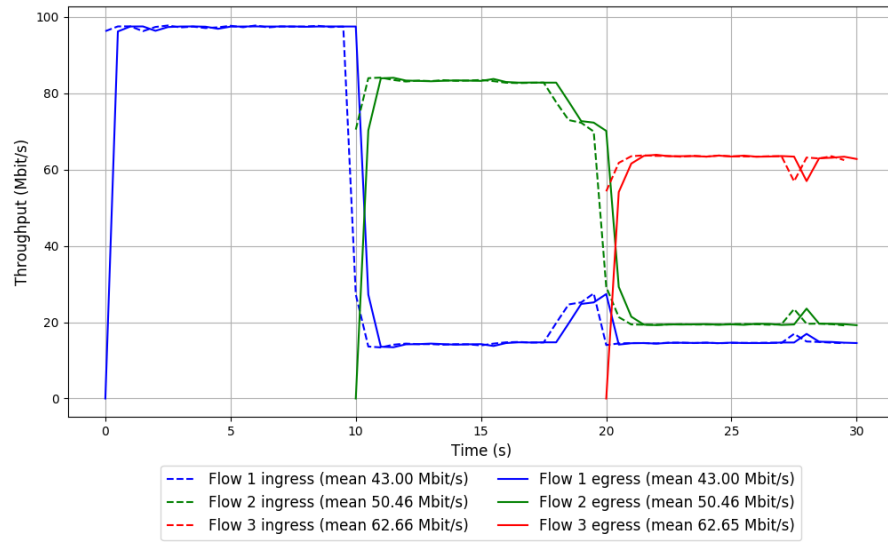


Run 2: Statistics of TCP Vegas

Start at: 2018-05-24 14:23:44
End at: 2018-05-24 14:24:14
Local clock offset: -4.931 ms
Remote clock offset: -1.868 ms

Below is generated by plot.py at 2018-05-24 17:11:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 2.342 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 43.00 Mbit/s
95th percentile per-packet one-way delay: 2.121 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 50.46 Mbit/s
95th percentile per-packet one-way delay: 2.387 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 62.65 Mbit/s
95th percentile per-packet one-way delay: 2.149 ms
Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link

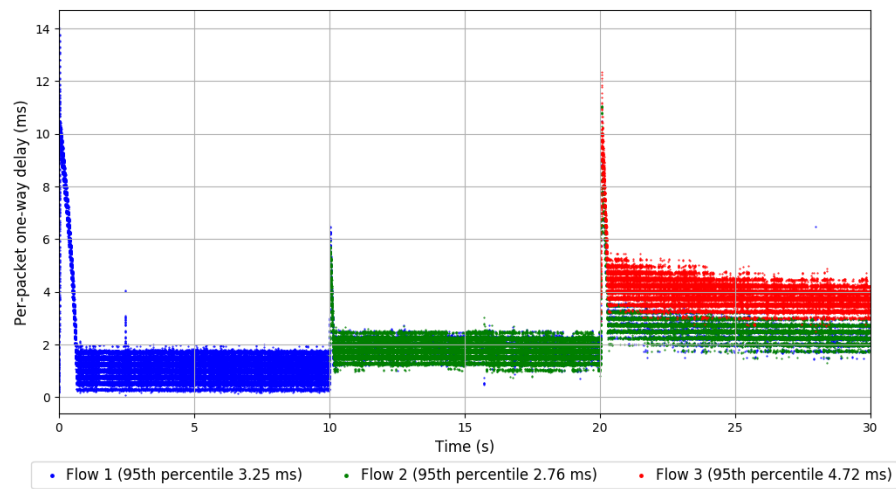
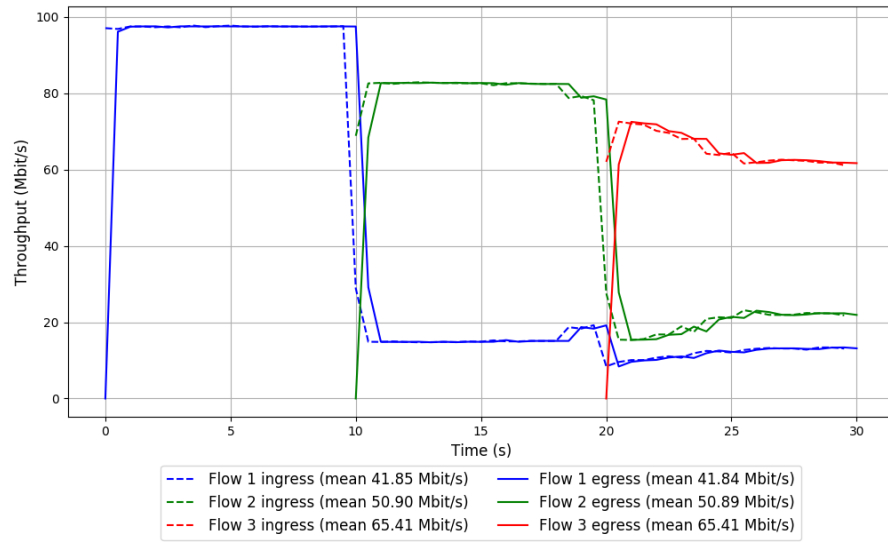


Run 3: Statistics of TCP Vegas

Start at: 2018-05-24 14:41:36
End at: 2018-05-24 14:42:06
Local clock offset: -5.195 ms
Remote clock offset: -1.703 ms

Below is generated by plot.py at 2018-05-24 17:11:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 4.443 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 41.84 Mbit/s
95th percentile per-packet one-way delay: 3.250 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 50.89 Mbit/s
95th percentile per-packet one-way delay: 2.758 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 65.41 Mbit/s
95th percentile per-packet one-way delay: 4.721 ms
Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link

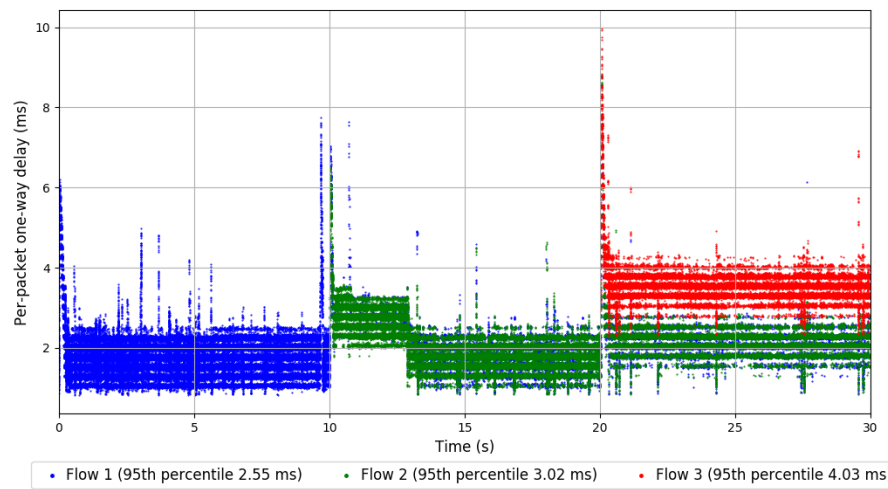
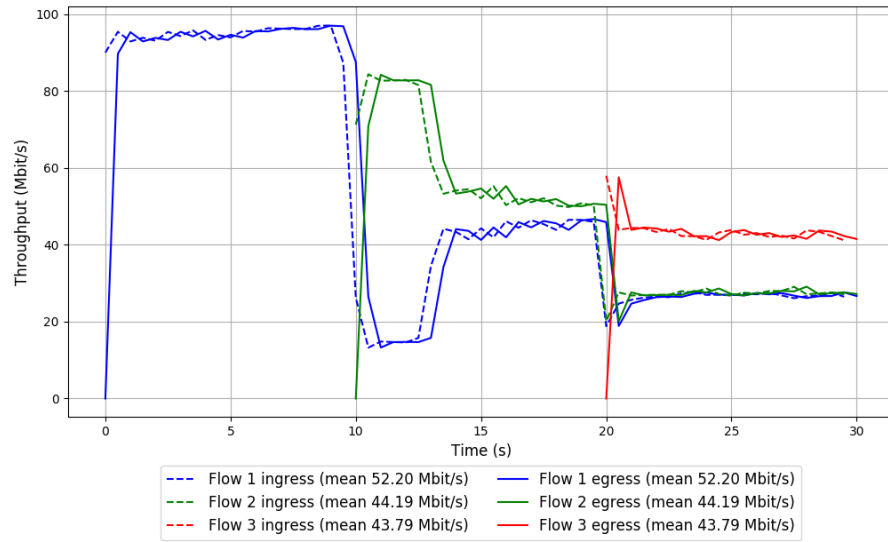


Run 4: Statistics of TCP Vegas

Start at: 2018-05-24 14:59:28
End at: 2018-05-24 14:59:58
Local clock offset: -5.821 ms
Remote clock offset: -1.889 ms

Below is generated by plot.py at 2018-05-24 17:11:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.20 Mbit/s
95th percentile per-packet one-way delay: 3.745 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 52.20 Mbit/s
95th percentile per-packet one-way delay: 2.554 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 44.19 Mbit/s
95th percentile per-packet one-way delay: 3.024 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 43.79 Mbit/s
95th percentile per-packet one-way delay: 4.034 ms
Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link

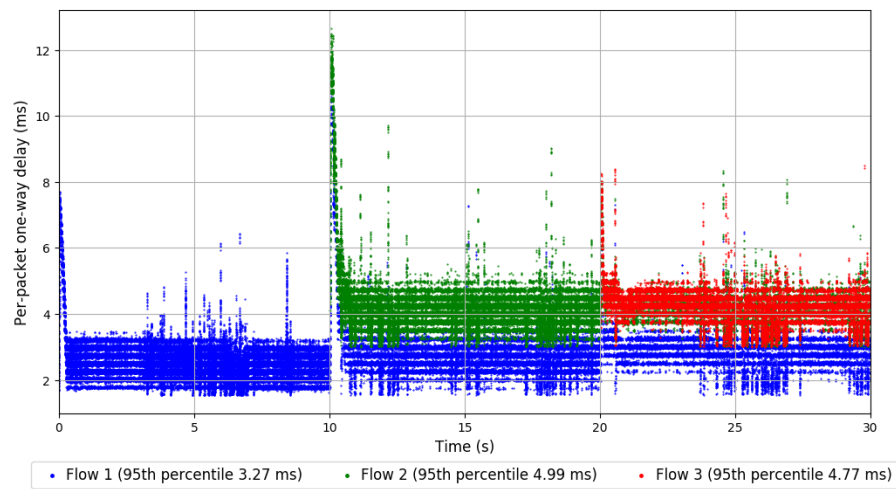
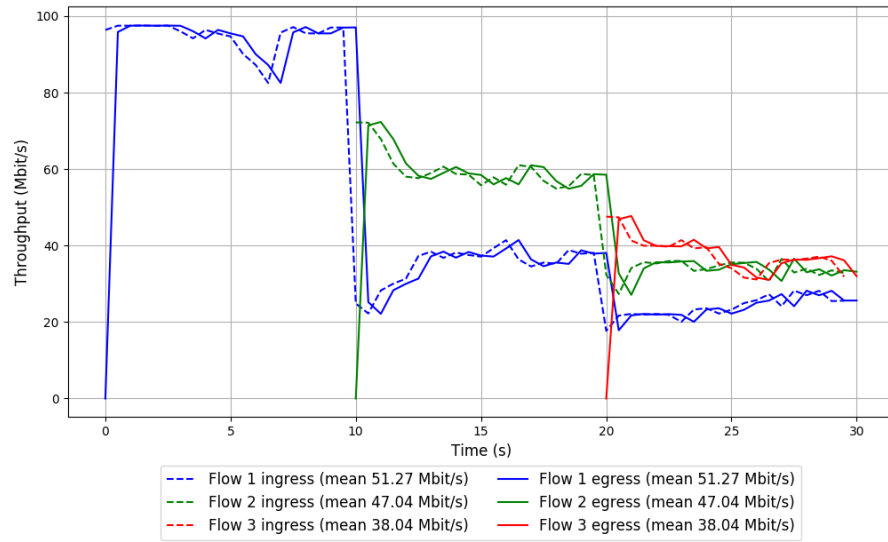


Run 5: Statistics of TCP Vegas

Start at: 2018-05-24 15:17:19
End at: 2018-05-24 15:17:49
Local clock offset: -6.337 ms
Remote clock offset: -2.071 ms

```
# Below is generated by plot.py at 2018-05-24 17:11:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.23 Mbit/s
95th percentile per-packet one-way delay: 4.731 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 51.27 Mbit/s
95th percentile per-packet one-way delay: 3.270 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 47.04 Mbit/s
95th percentile per-packet one-way delay: 4.986 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 38.04 Mbit/s
95th percentile per-packet one-way delay: 4.771 ms
Loss rate: 0.00%
```


Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2018-05-24 15:35:11

End at: 2018-05-24 15:35:41

Local clock offset: -6.624 ms

Remote clock offset: 4.101 ms

Below is generated by plot.py at 2018-05-24 17:11:11

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.52 Mbit/s

95th percentile per-packet one-way delay: 5.897 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 59.87 Mbit/s

95th percentile per-packet one-way delay: 10.544 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 34.36 Mbit/s

95th percentile per-packet one-way delay: 3.248 ms

Loss rate: 0.00%

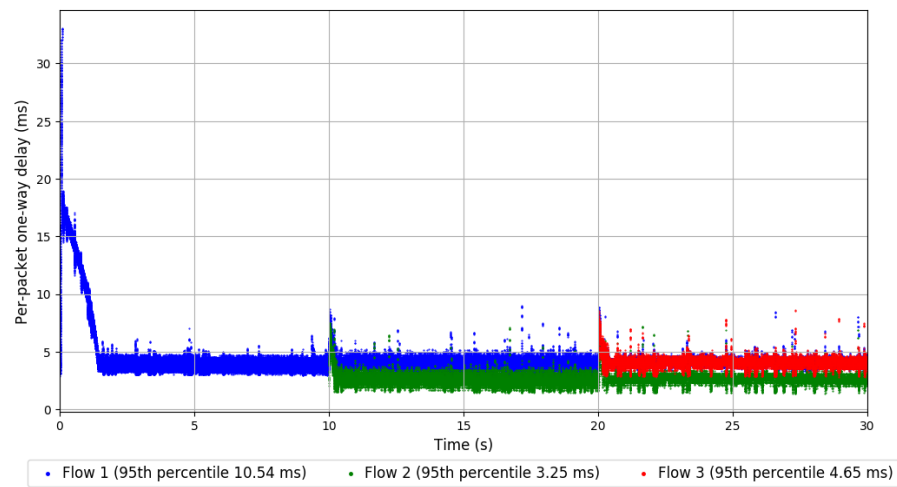
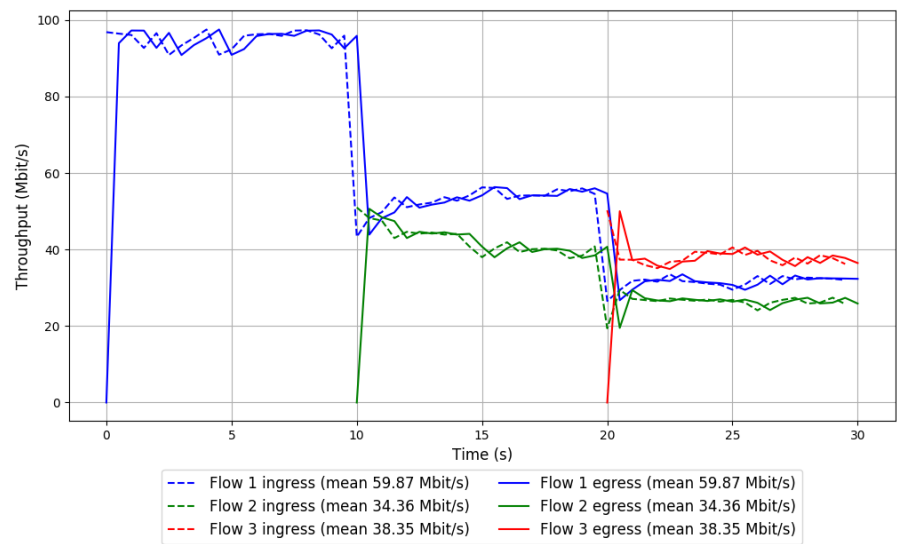
-- Flow 3:

Average throughput: 38.35 Mbit/s

95th percentile per-packet one-way delay: 4.650 ms

Loss rate: 0.00%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: 2018-05-24 15:53:03

End at: 2018-05-24 15:53:33

Local clock offset: -5.19 ms

Remote clock offset: 8.85 ms

Below is generated by plot.py at 2018-05-24 17:11:34

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.73 Mbit/s

95th percentile per-packet one-way delay: 6.320 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 57.74 Mbit/s

95th percentile per-packet one-way delay: 11.883 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 41.23 Mbit/s

95th percentile per-packet one-way delay: 3.058 ms

Loss rate: 0.00%

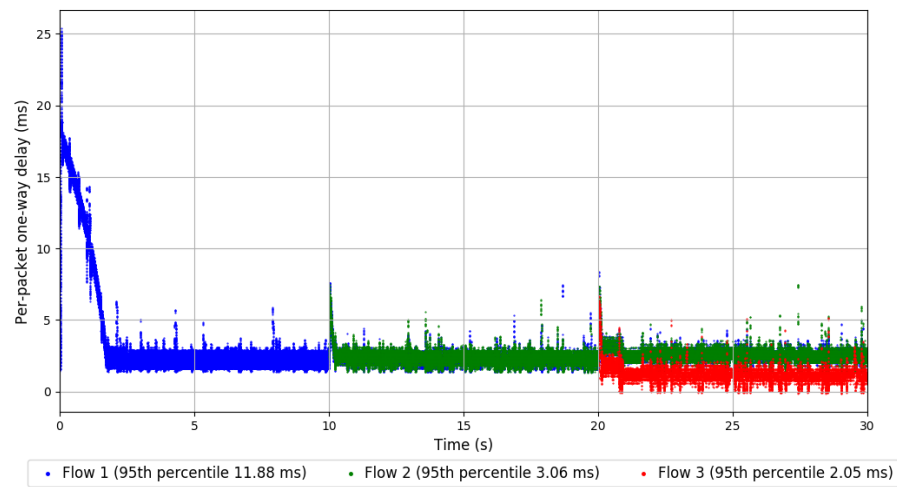
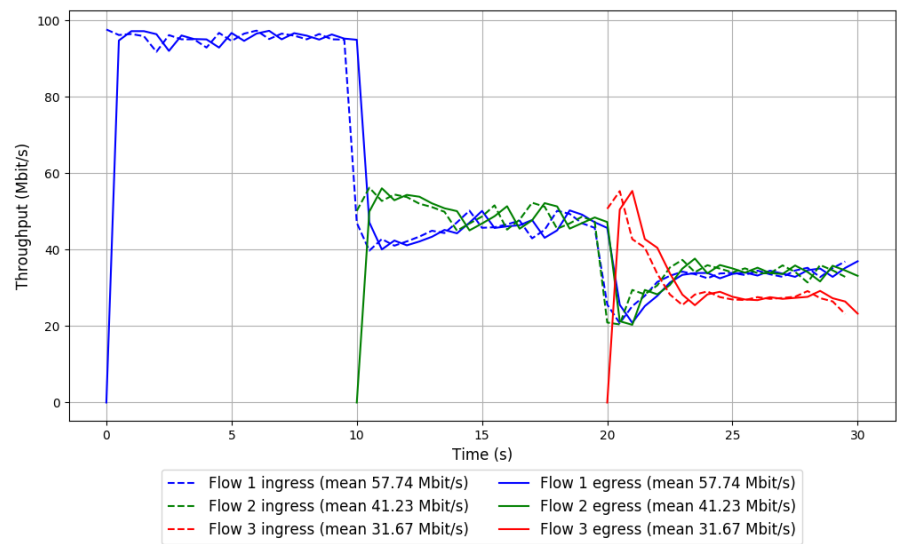
-- Flow 3:

Average throughput: 31.67 Mbit/s

95th percentile per-packet one-way delay: 2.054 ms

Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2018-05-24 16:10:56

End at: 2018-05-24 16:11:26

Local clock offset: -5.965 ms

Remote clock offset: 7.661 ms

Below is generated by plot.py at 2018-05-24 17:11:54

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.33 Mbit/s

95th percentile per-packet one-way delay: 2.448 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 54.77 Mbit/s

95th percentile per-packet one-way delay: 2.544 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 41.18 Mbit/s

95th percentile per-packet one-way delay: 2.349 ms

Loss rate: 0.00%

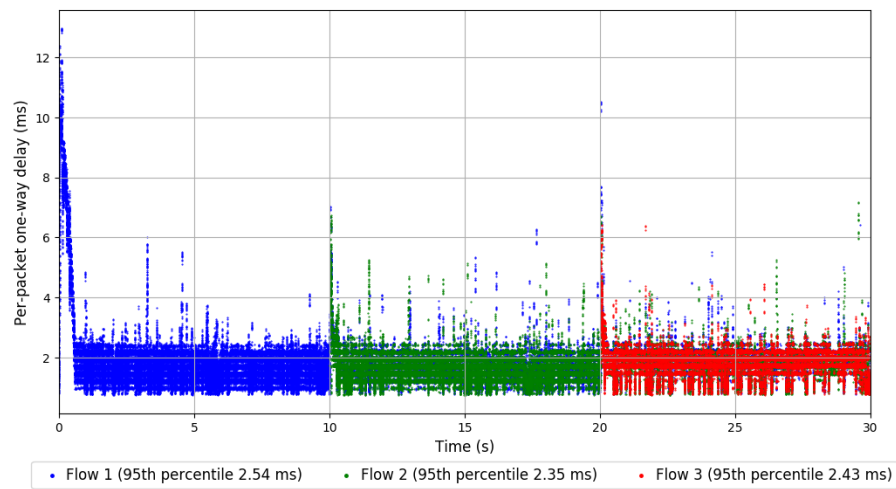
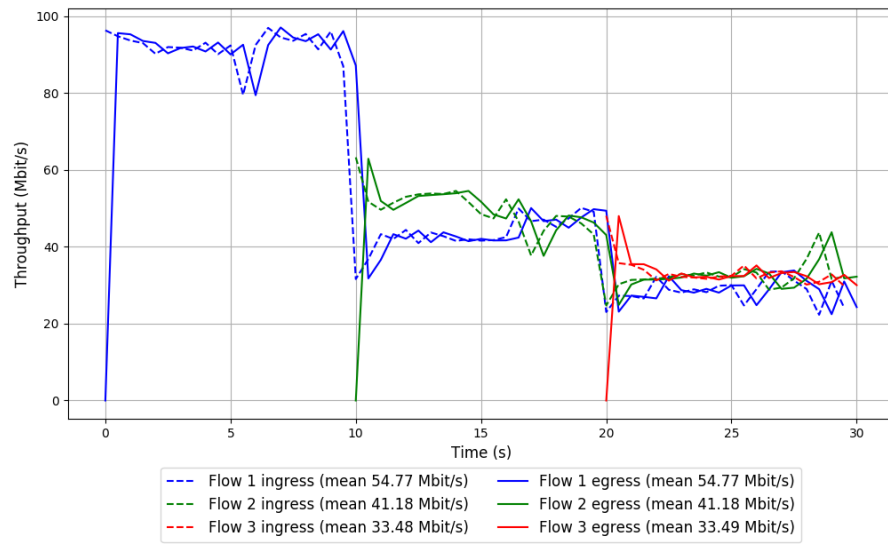
-- Flow 3:

Average throughput: 33.49 Mbit/s

95th percentile per-packet one-way delay: 2.427 ms

Loss rate: 0.00%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2018-05-24 16:28:48

End at: 2018-05-24 16:29:18

Local clock offset: -5.251 ms

Remote clock offset: 8.012 ms

Below is generated by plot.py at 2018-05-24 17:12:09

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.40 Mbit/s

95th percentile per-packet one-way delay: 2.760 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 57.56 Mbit/s

95th percentile per-packet one-way delay: 1.550 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 38.37 Mbit/s

95th percentile per-packet one-way delay: 1.584 ms

Loss rate: 0.00%

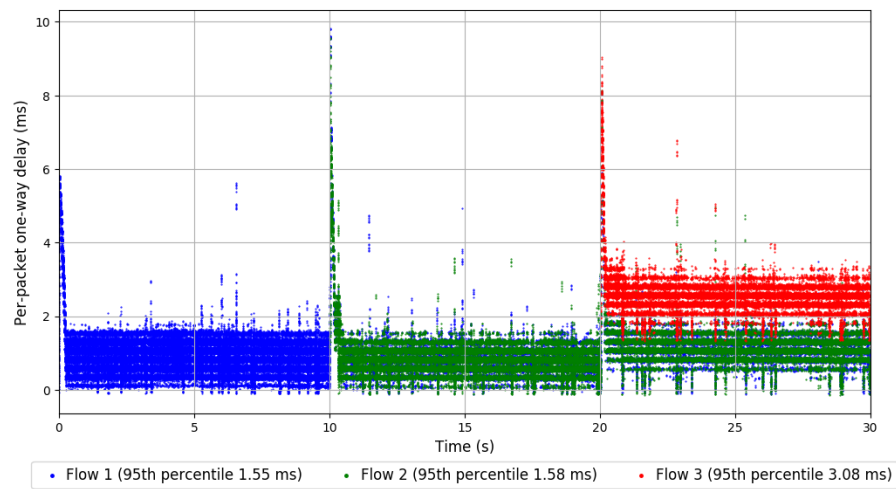
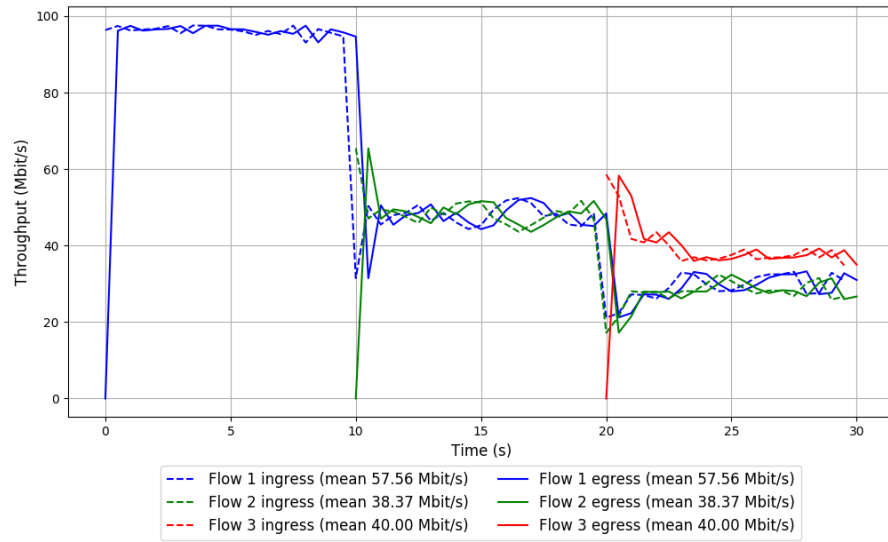
-- Flow 3:

Average throughput: 40.00 Mbit/s

95th percentile per-packet one-way delay: 3.082 ms

Loss rate: 0.00%

Run 9: Report of TCP Vegas — Data Link

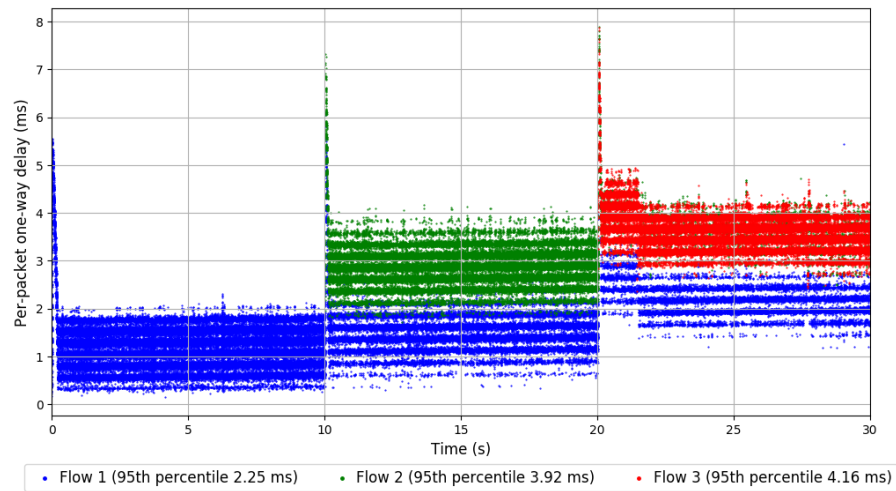
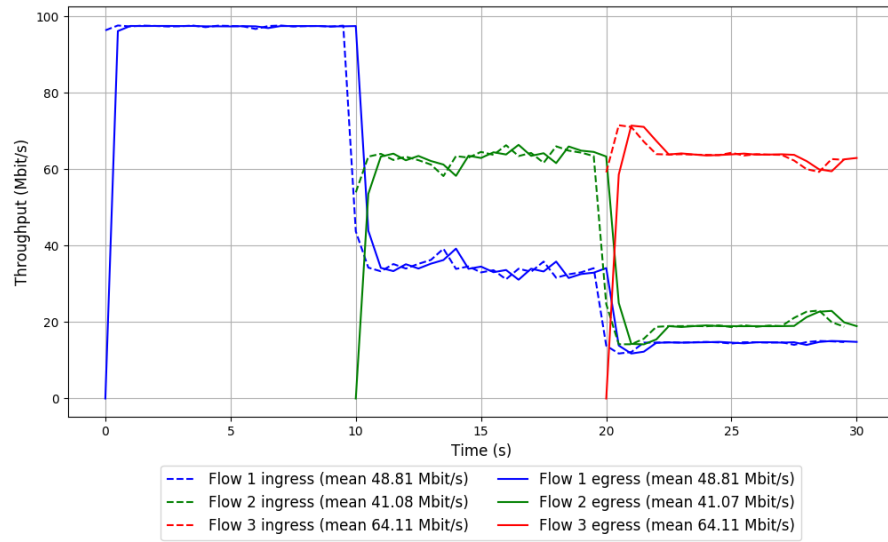


Run 10: Statistics of TCP Vegas

Start at: 2018-05-24 16:46:40
End at: 2018-05-24 16:47:10
Local clock offset: -5.322 ms
Remote clock offset: -0.609 ms

Below is generated by plot.py at 2018-05-24 17:12:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 3.915 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 48.81 Mbit/s
95th percentile per-packet one-way delay: 2.251 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.07 Mbit/s
95th percentile per-packet one-way delay: 3.917 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 64.11 Mbit/s
95th percentile per-packet one-way delay: 4.158 ms
Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2018-05-24 13:59:16

End at: 2018-05-24 13:59:46

Local clock offset: -5.741 ms

Remote clock offset: -2.22 ms

Run 1: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 2: Statistics of Verus

Start at: 2018-05-24 14:17:08

End at: 2018-05-24 14:17:38

Local clock offset: -5.717 ms

Remote clock offset: -1.82 ms

Run 2: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 3: Statistics of Verus

Start at: 2018-05-24 14:35:00

End at: 2018-05-24 14:35:30

Local clock offset: -5.903 ms

Remote clock offset: -1.746 ms

Run 3: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 4: Statistics of Verus

Start at: 2018-05-24 14:52:52

End at: 2018-05-24 14:53:22

Local clock offset: -5.222 ms

Remote clock offset: -1.619 ms

Run 4: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 5: Statistics of Verus

Start at: 2018-05-24 15:10:43

End at: 2018-05-24 15:11:13

Local clock offset: -4.864 ms

Remote clock offset: -2.13 ms

Run 5: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 6: Statistics of Verus

Start at: 2018-05-24 15:28:35

End at: 2018-05-24 15:29:05

Local clock offset: -5.654 ms

Remote clock offset: 0.287 ms

Run 6: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 7: Statistics of Verus

Start at: 2018-05-24 15:46:27

End at: 2018-05-24 15:46:57

Local clock offset: -5.985 ms

Remote clock offset: 7.507 ms

Run 7: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 8: Statistics of Verus

Start at: 2018-05-24 16:04:20

End at: 2018-05-24 16:04:50

Local clock offset: -6.02 ms

Remote clock offset: 8.67 ms

Run 8: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 9: Statistics of Verus

Start at: 2018-05-24 16:22:12

End at: 2018-05-24 16:22:42

Local clock offset: -5.989 ms

Remote clock offset: 7.688 ms

Run 9: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 10: Statistics of Verus

Start at: 2018-05-24 16:40:04

End at: 2018-05-24 16:40:34

Local clock offset: -5.302 ms

Remote clock offset: 2.583 ms

Run 10: Report of Verus — Data Link

Figure is missing

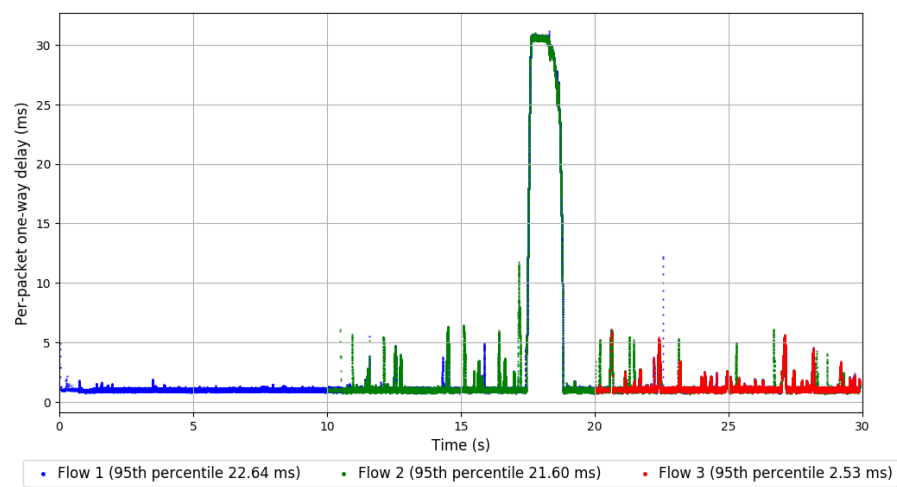
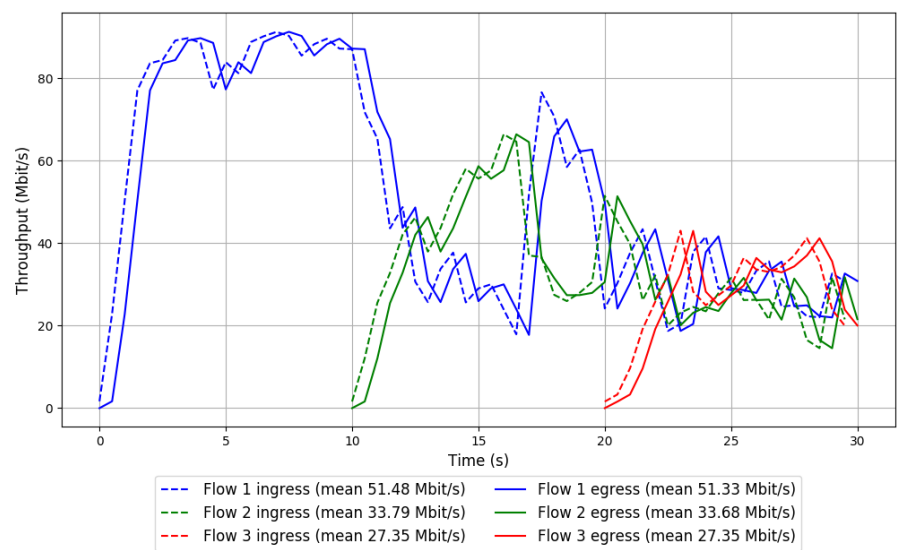
Figure is missing

Run 1: Statistics of PCC-Vivace

Start at: 2018-05-24 14:08:03
End at: 2018-05-24 14:08:33
Local clock offset: -5.729 ms
Remote clock offset: -1.912 ms

Below is generated by plot.py at 2018-05-24 17:12:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.76 Mbit/s
95th percentile per-packet one-way delay: 11.392 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 51.33 Mbit/s
95th percentile per-packet one-way delay: 22.640 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 33.68 Mbit/s
95th percentile per-packet one-way delay: 21.603 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 27.35 Mbit/s
95th percentile per-packet one-way delay: 2.530 ms
Loss rate: 0.00%

Run 1: Report of PCC-Vivace — Data Link

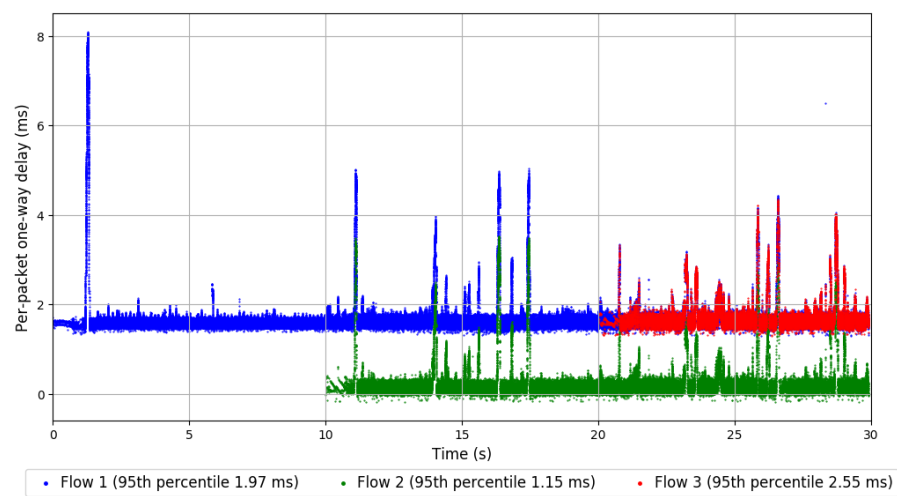
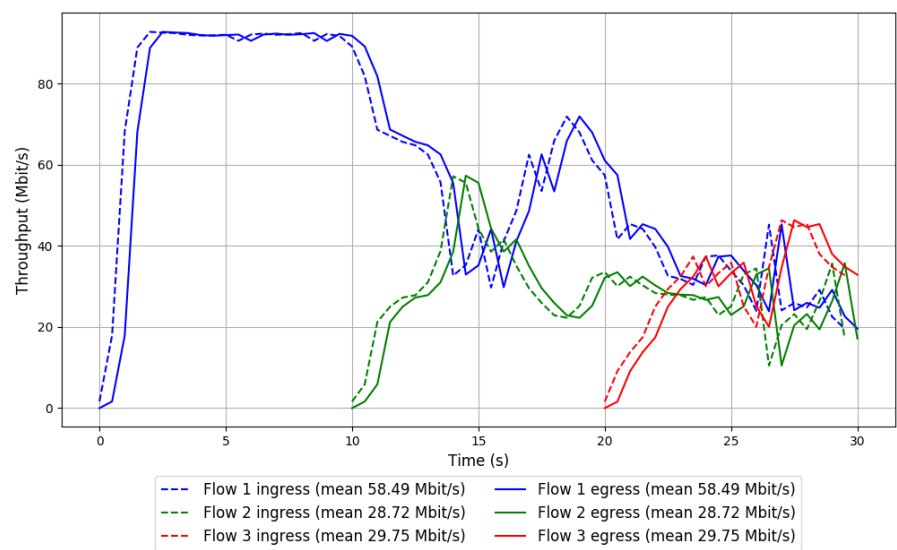


Run 2: Statistics of PCC-Vivace

Start at: 2018-05-24 14:25:55
End at: 2018-05-24 14:26:25
Local clock offset: -4.939 ms
Remote clock offset: -1.815 ms

Below is generated by plot.py at 2018-05-24 17:12:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.41 Mbit/s
95th percentile per-packet one-way delay: 1.974 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 58.49 Mbit/s
95th percentile per-packet one-way delay: 1.971 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 28.72 Mbit/s
95th percentile per-packet one-way delay: 1.148 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.75 Mbit/s
95th percentile per-packet one-way delay: 2.551 ms
Loss rate: 0.00%

Run 2: Report of PCC-Vivace — Data Link

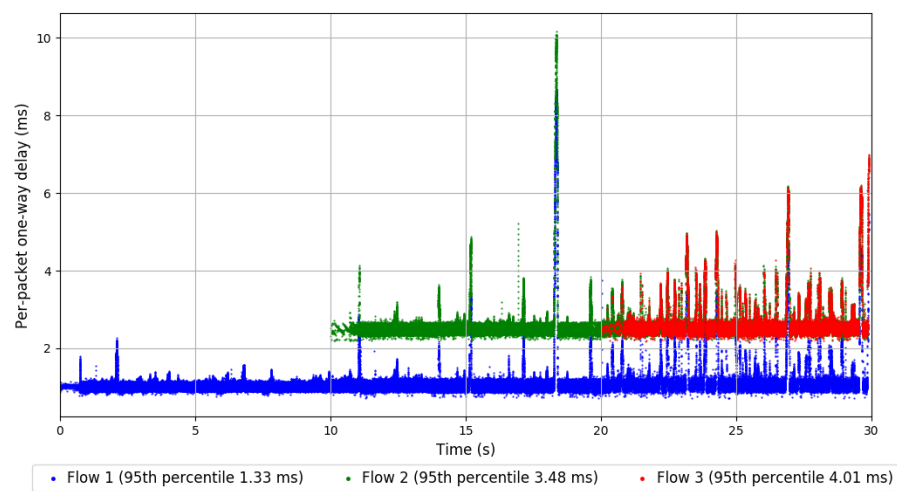
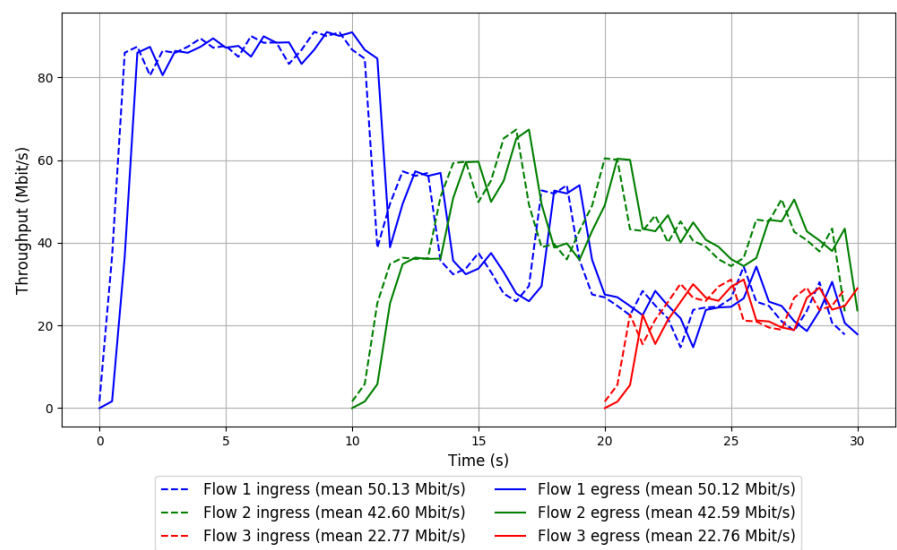


Run 3: Statistics of PCC-Vivace

Start at: 2018-05-24 14:43:47
End at: 2018-05-24 14:44:17
Local clock offset: -5.959 ms
Remote clock offset: -1.646 ms

Below is generated by plot.py at 2018-05-24 17:12:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.95 Mbit/s
95th percentile per-packet one-way delay: 2.985 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.12 Mbit/s
95th percentile per-packet one-way delay: 1.328 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 42.59 Mbit/s
95th percentile per-packet one-way delay: 3.484 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 22.76 Mbit/s
95th percentile per-packet one-way delay: 4.010 ms
Loss rate: 0.00%

Run 3: Report of PCC-Vivace — Data Link



Run 4: Statistics of PCC-Vivace

Start at: 2018-05-24 15:01:39

End at: 2018-05-24 15:02:09

Local clock offset: -5.073 ms

Remote clock offset: -1.92 ms

Below is generated by plot.py at 2018-05-24 17:12:27

Datalink statistics

-- Total of 3 flows:

Average throughput: 84.84 Mbit/s

95th percentile per-packet one-way delay: 3.032 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 49.24 Mbit/s

95th percentile per-packet one-way delay: 2.369 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 39.27 Mbit/s

95th percentile per-packet one-way delay: 3.539 ms

Loss rate: 0.00%

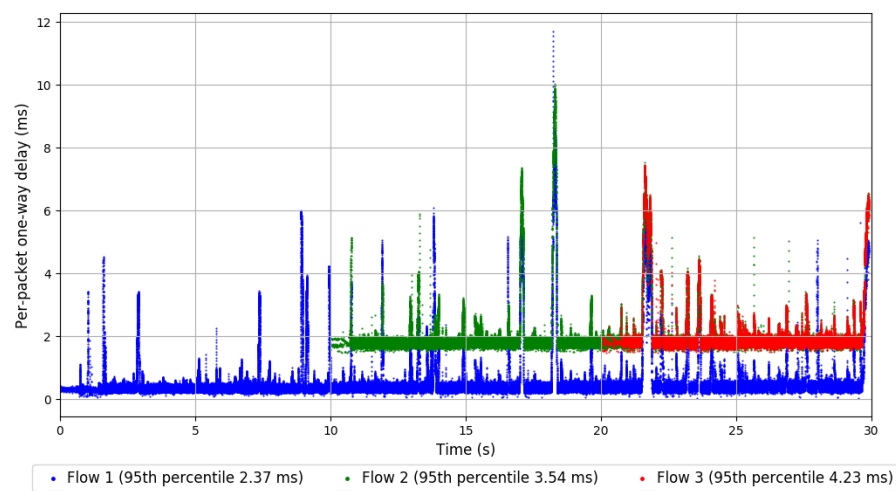
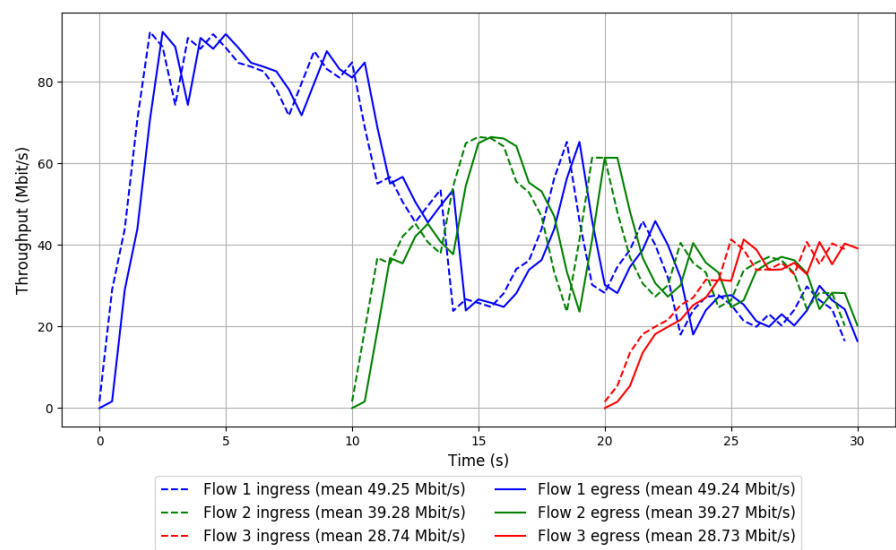
-- Flow 3:

Average throughput: 28.73 Mbit/s

95th percentile per-packet one-way delay: 4.226 ms

Loss rate: 0.00%

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

Start at: 2018-05-24 15:19:30

End at: 2018-05-24 15:20:00

Local clock offset: -6.339 ms

Remote clock offset: -2.05 ms

Below is generated by plot.py at 2018-05-24 17:12:47

Datalink statistics

-- Total of 3 flows:

Average throughput: 84.20 Mbit/s

95th percentile per-packet one-way delay: 10.366 ms

Loss rate: 0.07%

-- Flow 1:

Average throughput: 58.10 Mbit/s

95th percentile per-packet one-way delay: 5.212 ms

Loss rate: 0.04%

-- Flow 2:

Average throughput: 27.17 Mbit/s

95th percentile per-packet one-way delay: 25.855 ms

Loss rate: 0.09%

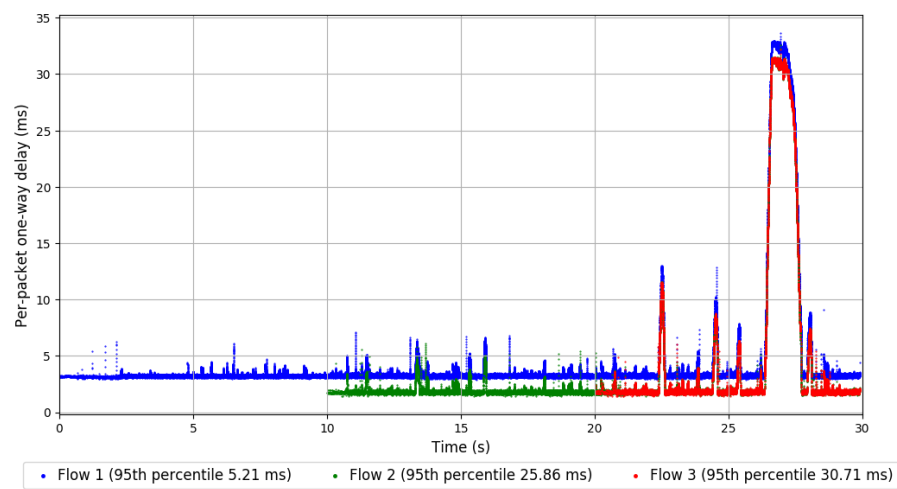
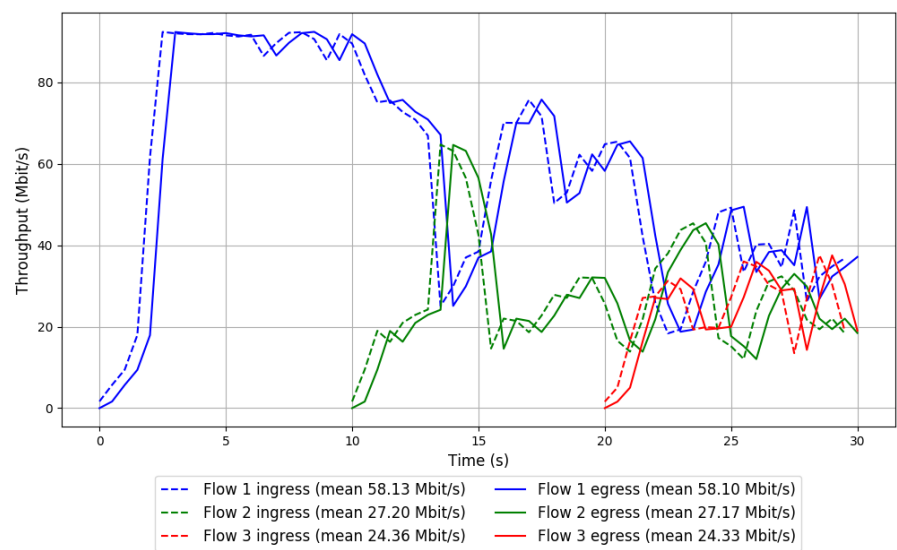
-- Flow 3:

Average throughput: 24.33 Mbit/s

95th percentile per-packet one-way delay: 30.707 ms

Loss rate: 0.16%

Run 5: Report of PCC-Vivace — Data Link



Run 6: Statistics of PCC-Vivace

Start at: 2018-05-24 15:37:22

End at: 2018-05-24 15:37:52

Local clock offset: -5.836 ms

Remote clock offset: 4.806 ms

Below is generated by plot.py at 2018-05-24 17:13:02

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.31 Mbit/s

95th percentile per-packet one-way delay: 5.057 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 55.25 Mbit/s

95th percentile per-packet one-way delay: 3.544 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 32.10 Mbit/s

95th percentile per-packet one-way delay: 4.715 ms

Loss rate: 0.01%

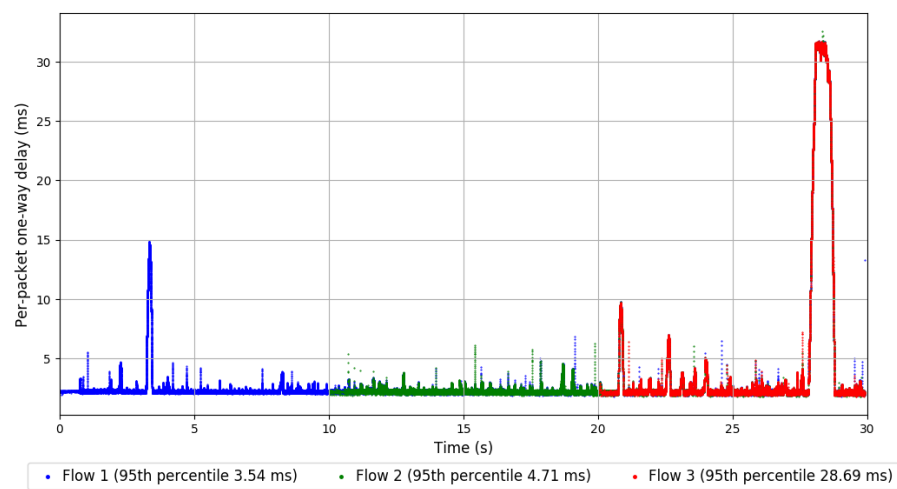
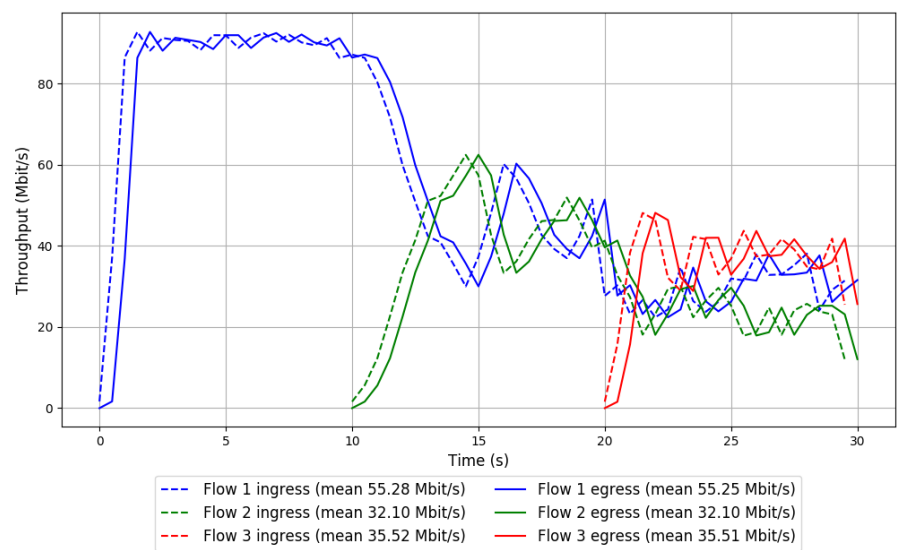
-- Flow 3:

Average throughput: 35.51 Mbit/s

95th percentile per-packet one-way delay: 28.688 ms

Loss rate: 0.05%

Run 6: Report of PCC-Vivace — Data Link



Run 7: Statistics of PCC-Vivace

Start at: 2018-05-24 15:55:15

End at: 2018-05-24 15:55:45

Local clock offset: -5.193 ms

Remote clock offset: 9.357 ms

Below is generated by plot.py at 2018-05-24 17:13:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.74 Mbit/s

95th percentile per-packet one-way delay: 23.845 ms

Loss rate: 0.29%

-- Flow 1:

Average throughput: 58.01 Mbit/s

95th percentile per-packet one-way delay: 6.240 ms

Loss rate: 0.14%

-- Flow 2:

Average throughput: 31.76 Mbit/s

95th percentile per-packet one-way delay: 30.984 ms

Loss rate: 0.50%

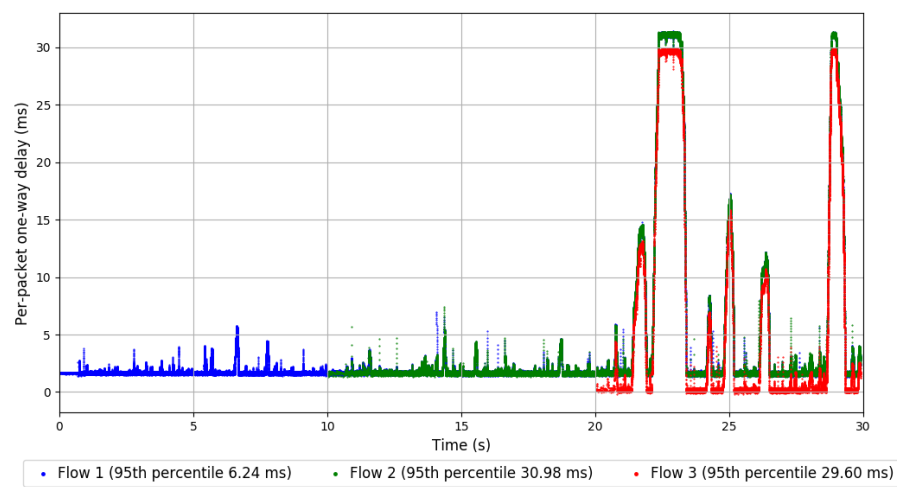
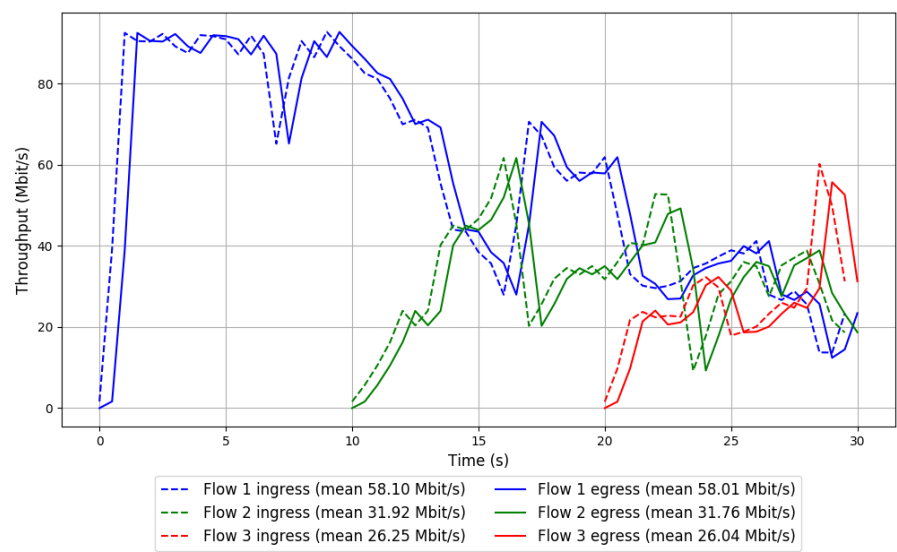
-- Flow 3:

Average throughput: 26.04 Mbit/s

95th percentile per-packet one-way delay: 29.601 ms

Loss rate: 0.79%

Run 7: Report of PCC-Vivace — Data Link



Run 8: Statistics of PCC-Vivace

Start at: 2018-05-24 16:13:08

End at: 2018-05-24 16:13:38

Local clock offset: -5.21 ms

Remote clock offset: 7.644 ms

Below is generated by plot.py at 2018-05-24 17:13:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 75.31 Mbit/s

95th percentile per-packet one-way delay: 3.255 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 49.19 Mbit/s

95th percentile per-packet one-way delay: 2.437 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 30.34 Mbit/s

95th percentile per-packet one-way delay: 3.566 ms

Loss rate: 0.00%

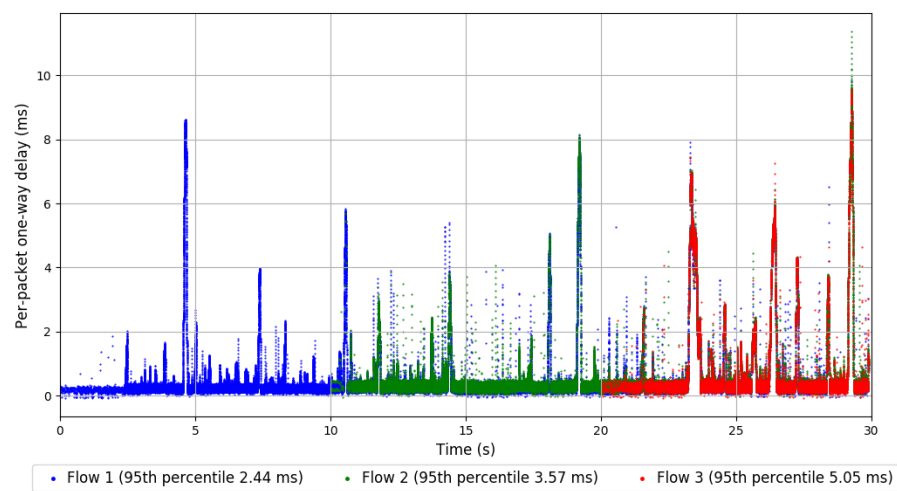
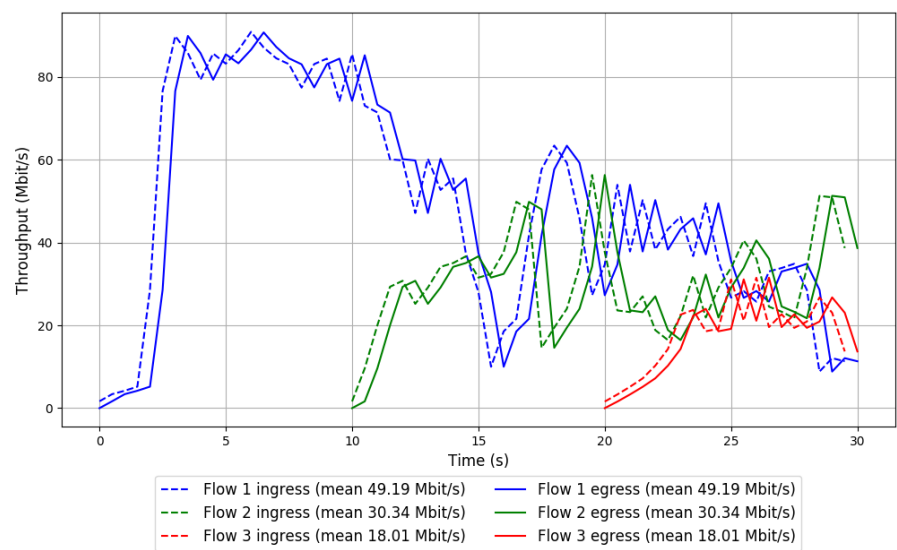
-- Flow 3:

Average throughput: 18.01 Mbit/s

95th percentile per-packet one-way delay: 5.050 ms

Loss rate: 0.00%

Run 8: Report of PCC-Vivace — Data Link



Run 9: Statistics of PCC-Vivace

Start at: 2018-05-24 16:30:59

End at: 2018-05-24 16:31:29

Local clock offset: -5.273 ms

Remote clock offset: 8.28 ms

Below is generated by plot.py at 2018-05-24 17:13:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 80.65 Mbit/s

95th percentile per-packet one-way delay: 2.454 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 51.78 Mbit/s

95th percentile per-packet one-way delay: 1.231 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 31.95 Mbit/s

95th percentile per-packet one-way delay: 3.546 ms

Loss rate: 0.00%

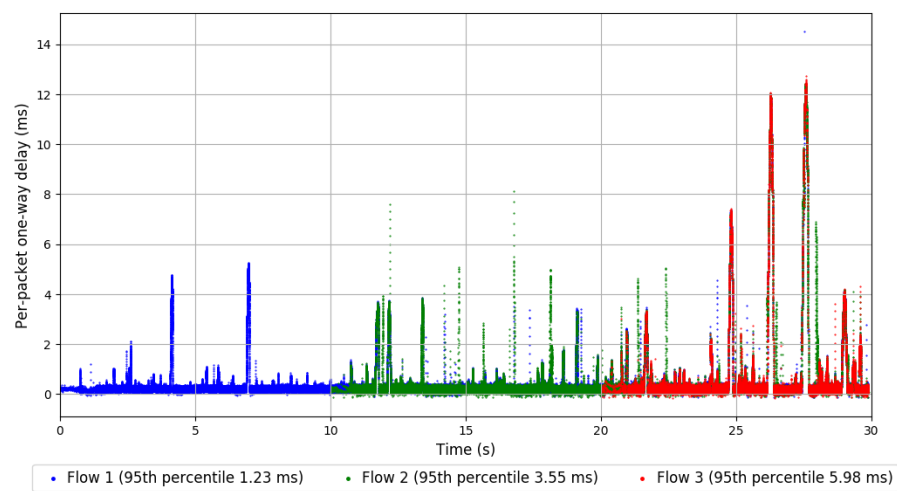
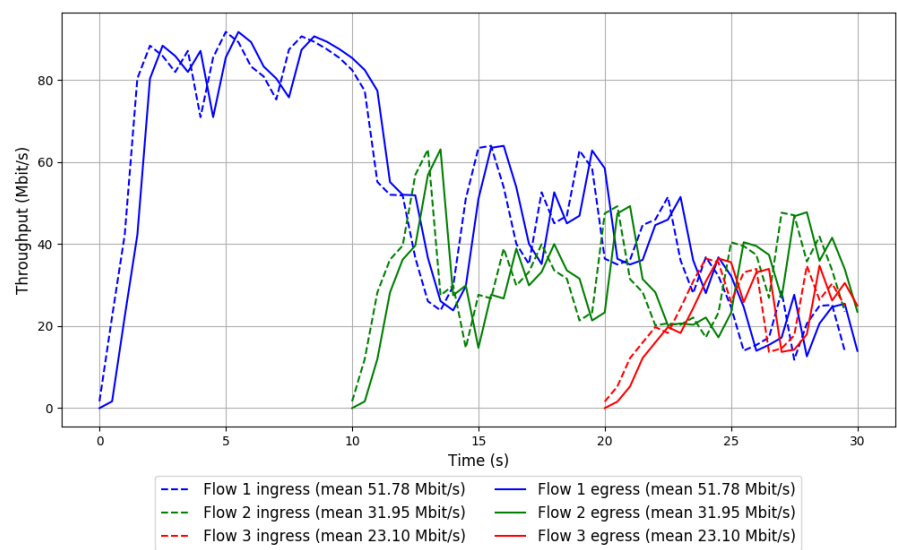
-- Flow 3:

Average throughput: 23.10 Mbit/s

95th percentile per-packet one-way delay: 5.976 ms

Loss rate: 0.00%

Run 9: Report of PCC-Vivace — Data Link

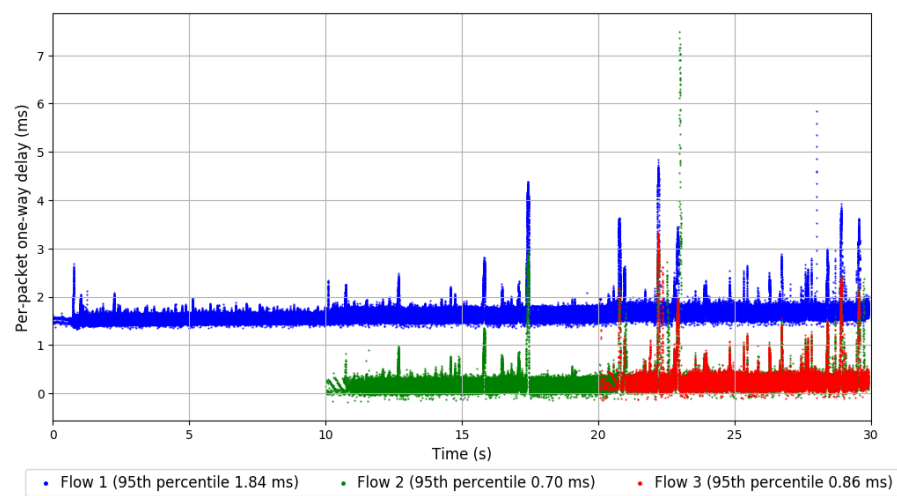
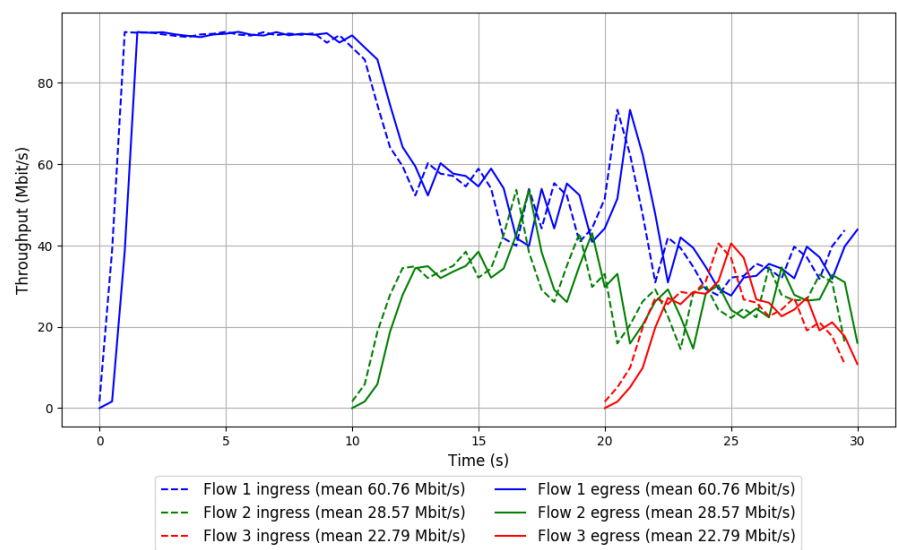


Run 10: Statistics of PCC-Vivace

Start at: 2018-05-24 16:48:51
End at: 2018-05-24 16:49:21
Local clock offset: -5.336 ms
Remote clock offset: -1.513 ms

Below is generated by plot.py at 2018-05-24 17:13:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.29 Mbit/s
95th percentile per-packet one-way delay: 1.799 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 60.76 Mbit/s
95th percentile per-packet one-way delay: 1.837 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 28.57 Mbit/s
95th percentile per-packet one-way delay: 0.700 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 22.79 Mbit/s
95th percentile per-packet one-way delay: 0.856 ms
Loss rate: 0.00%

Run 10: Report of PCC-Vivace — Data Link

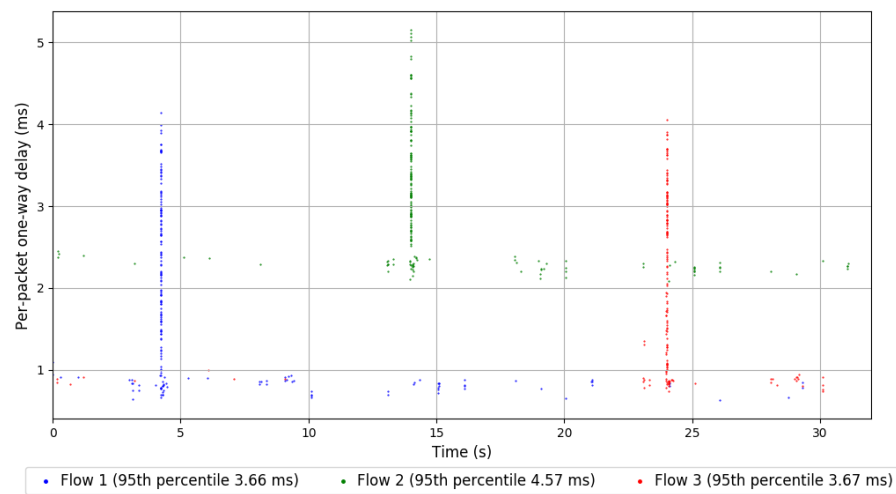
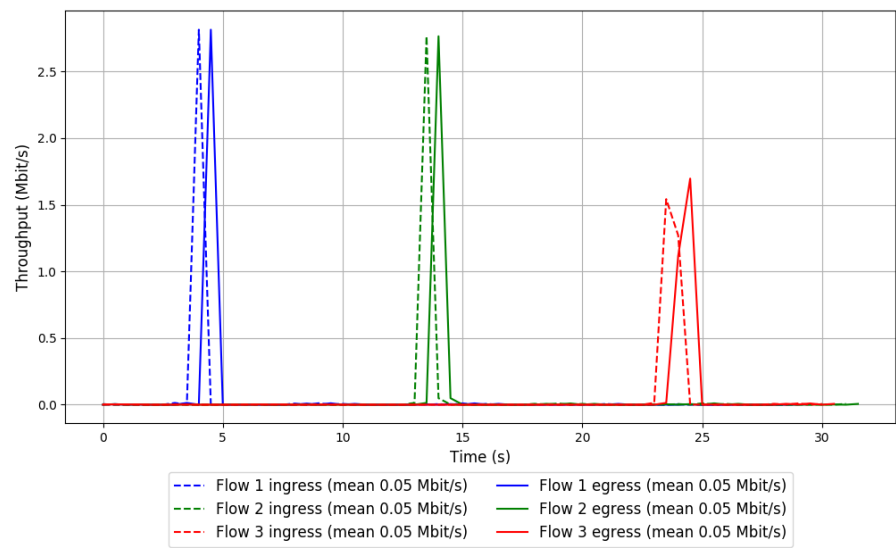


```
Run 1: Statistics of WebRTC media

Start at: 2018-05-24 14:04:48
End at: 2018-05-24 14:05:18
Local clock offset: -5.723 ms
Remote clock offset: -2.075 ms

# Below is generated by plot.py at 2018-05-24 17:13:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 3.967 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.663 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 4.567 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.668 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

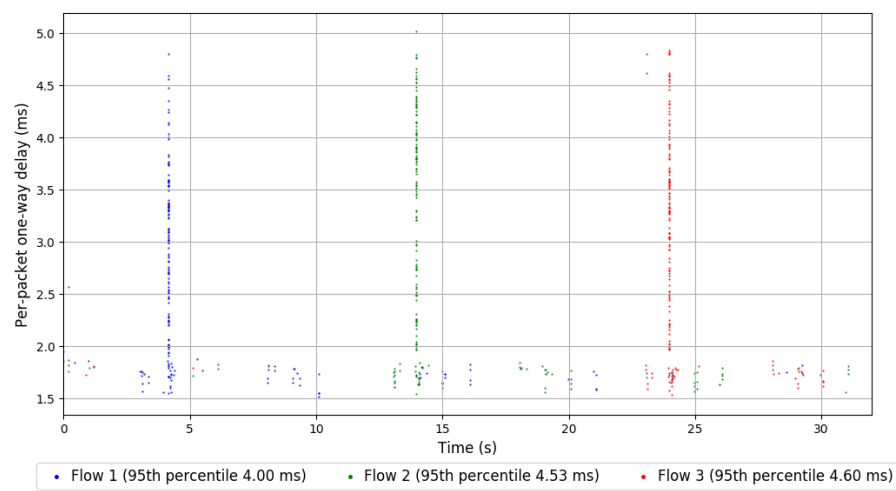
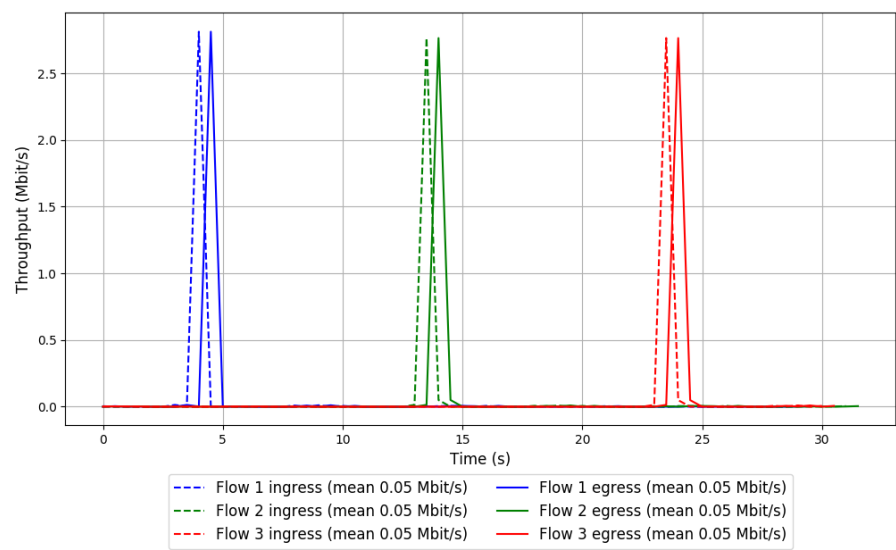


Run 2: Statistics of WebRTC media

Start at: 2018-05-24 14:22:40
End at: 2018-05-24 14:23:10
Local clock offset: -6.523 ms
Remote clock offset: -1.781 ms

Below is generated by plot.py at 2018-05-24 17:13:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 4.520 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 4.001 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 4.527 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 4.596 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

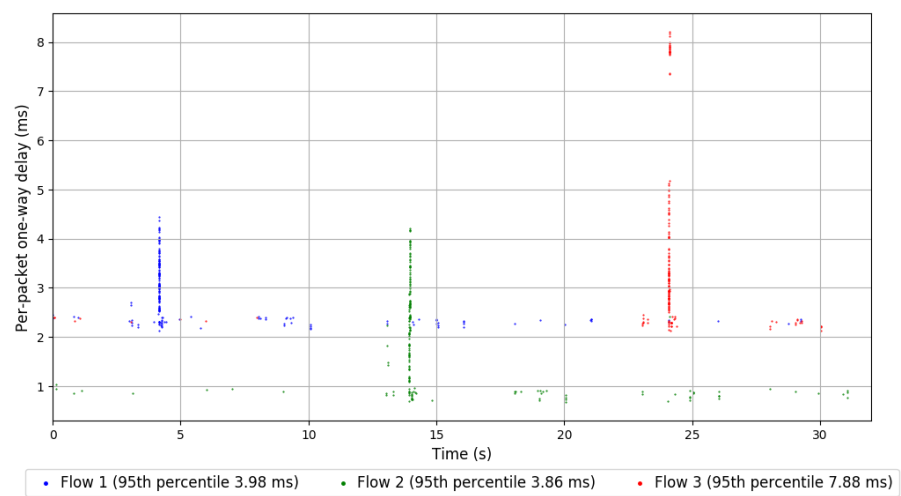
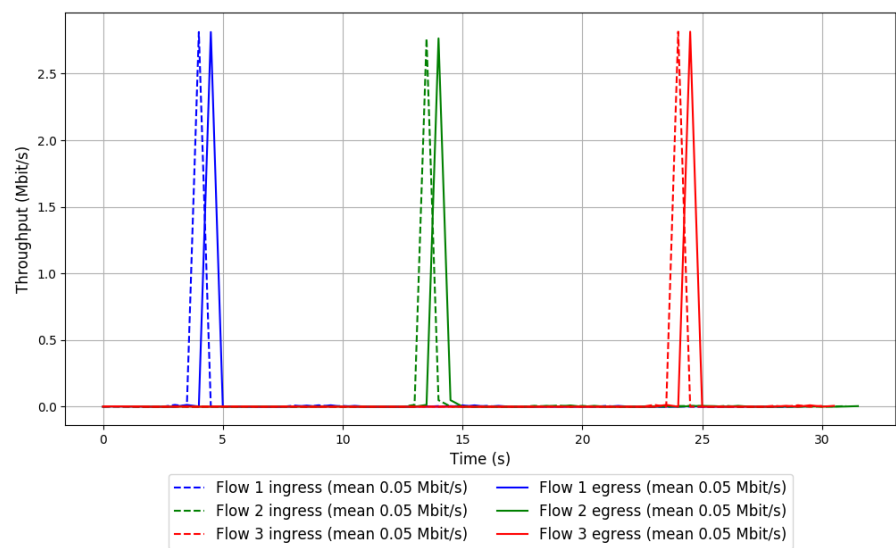


Run 3: Statistics of WebRTC media

Start at: 2018-05-24 14:40:32
End at: 2018-05-24 14:41:02
Local clock offset: -5.882 ms
Remote clock offset: -1.728 ms

Below is generated by plot.py at 2018-05-24 17:13:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 4.889 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.976 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.861 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 7.878 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

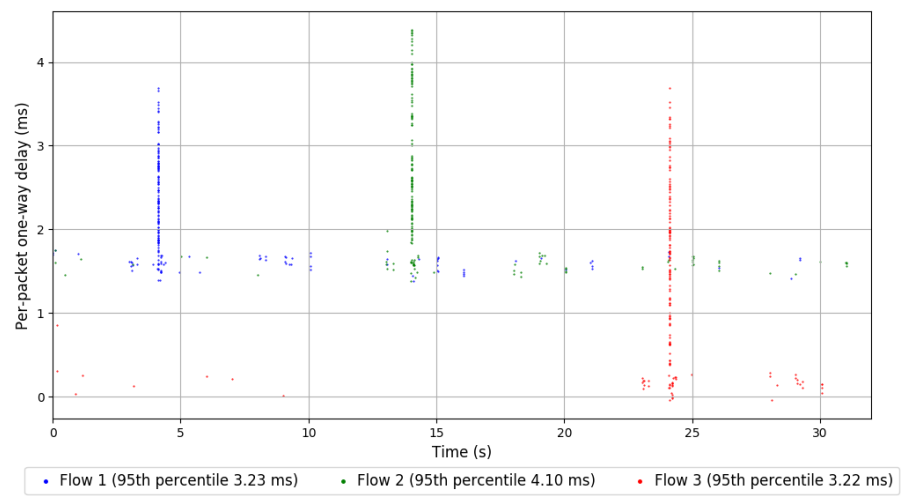
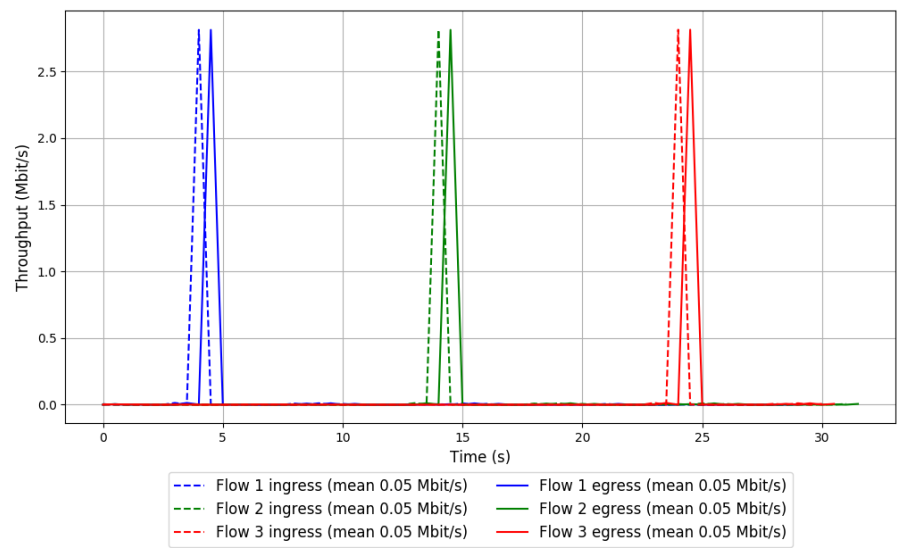


Run 4: Statistics of WebRTC media

Start at: 2018-05-24 14:58:24
End at: 2018-05-24 14:58:54
Local clock offset: -5.091 ms
Remote clock offset: -1.908 ms

Below is generated by plot.py at 2018-05-24 17:13:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 3.739 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.227 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 4.096 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.216 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

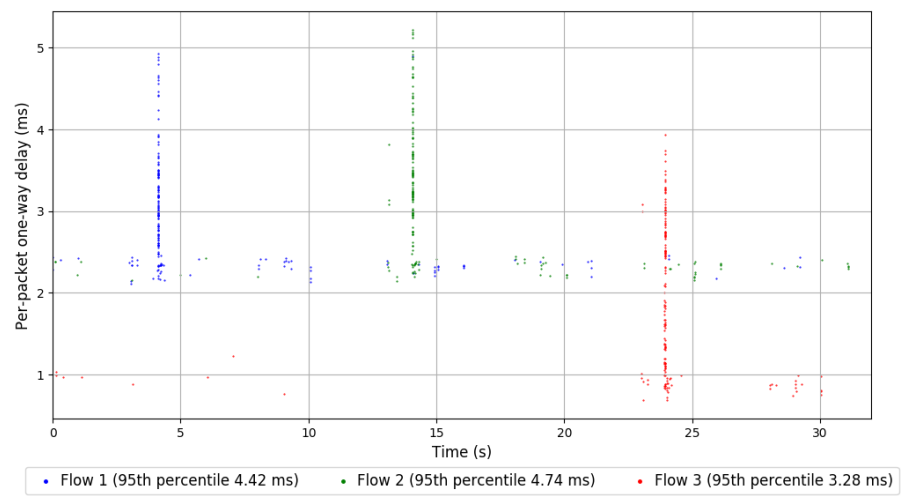
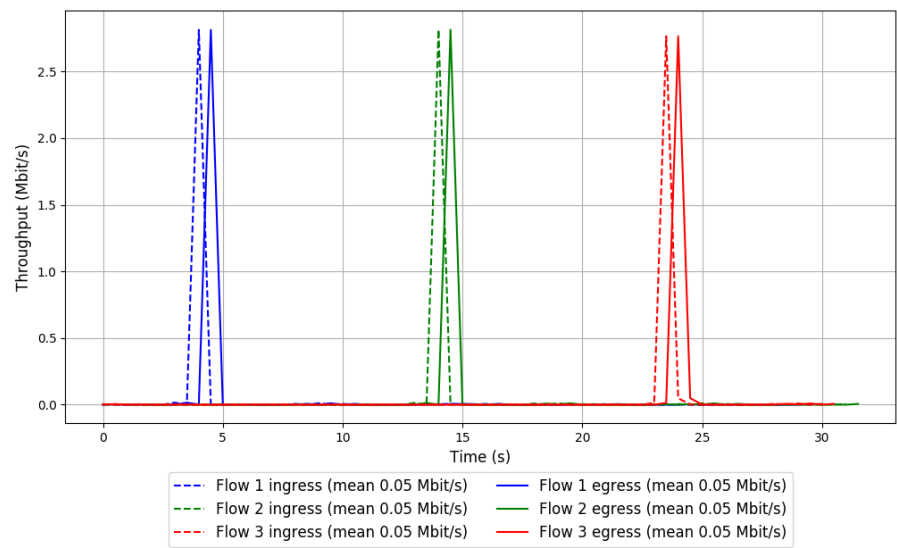


Run 5: Statistics of WebRTC media

Start at: 2018-05-24 15:16:15
End at: 2018-05-24 15:16:45
Local clock offset: -5.587 ms
Remote clock offset: -2.097 ms

Below is generated by plot.py at 2018-05-24 17:13:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 4.412 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 4.419 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 4.740 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.283 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2018-05-24 15:34:07

End at: 2018-05-24 15:34:37

Local clock offset: -5.85 ms

Remote clock offset: 3.518 ms

Below is generated by plot.py at 2018-05-24 17:13:08

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.14 Mbit/s

95th percentile per-packet one-way delay: 3.807 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 3.891 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 3.807 ms

Loss rate: 0.00%

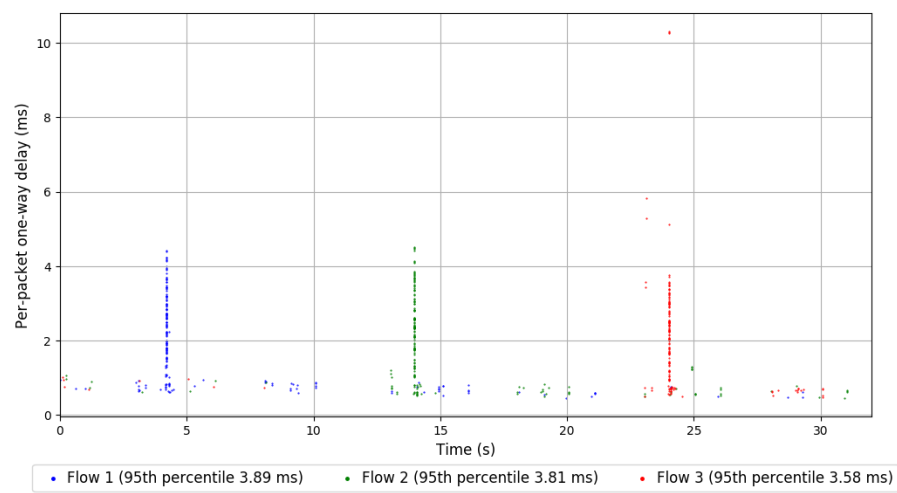
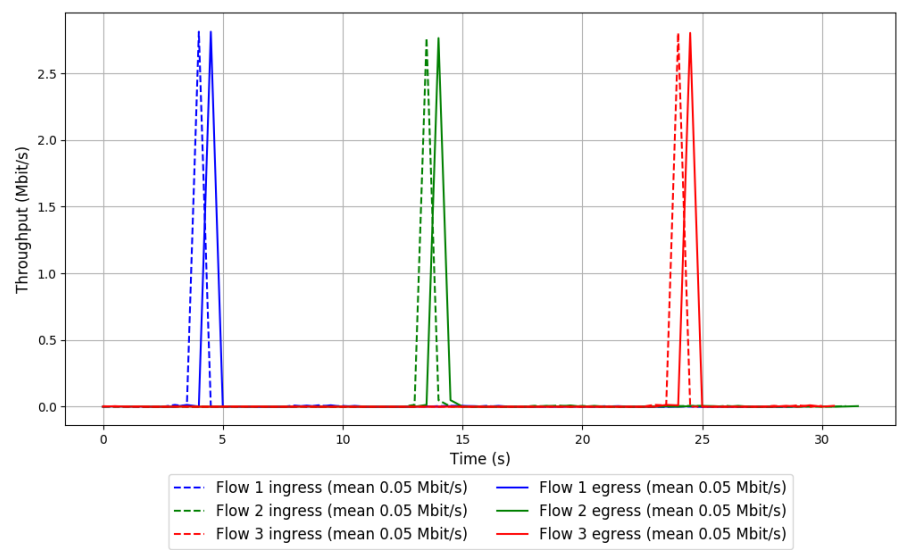
-- Flow 3:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 3.582 ms

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2018-05-24 15:52:00

End at: 2018-05-24 15:52:30

Local clock offset: -5.947 ms

Remote clock offset: 8.703 ms

Below is generated by plot.py at 2018-05-24 17:13:08

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.14 Mbit/s

95th percentile per-packet one-way delay: 4.321 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 4.146 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 4.194 ms

Loss rate: 0.00%

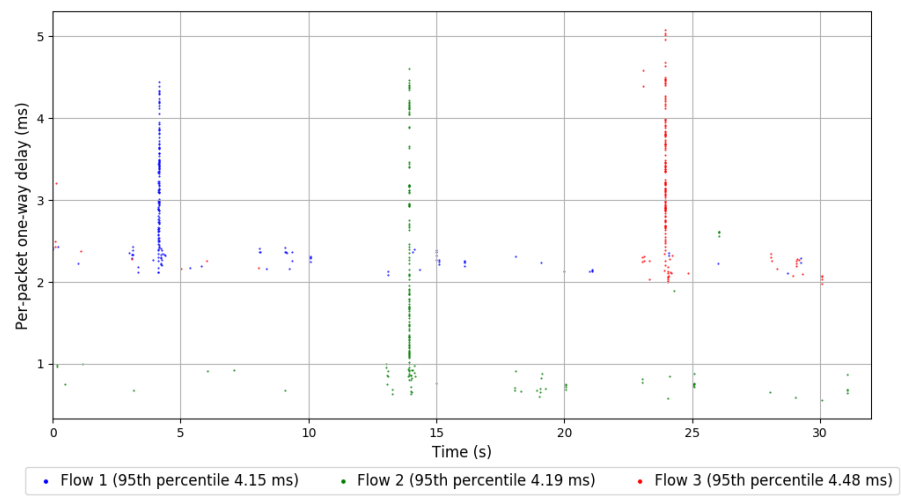
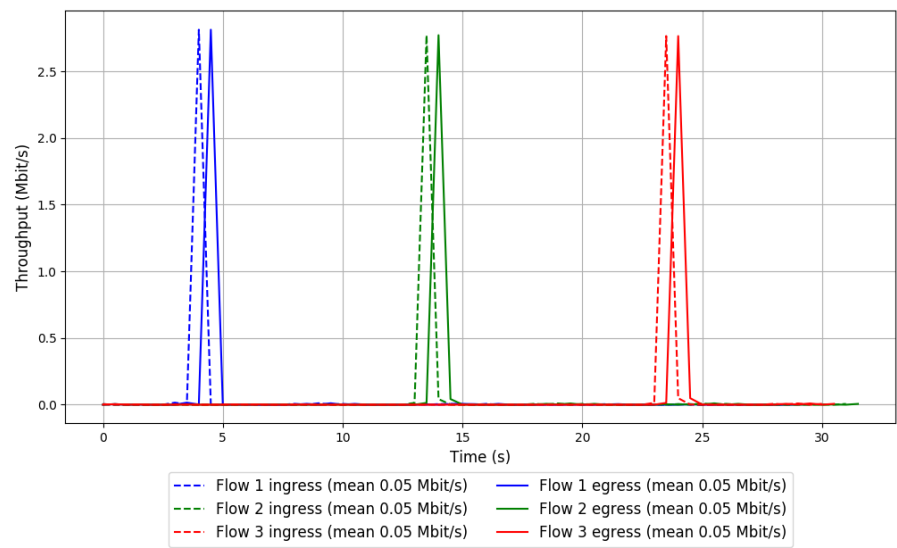
-- Flow 3:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 4.476 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2018-05-24 16:09:52

End at: 2018-05-24 16:10:22

Local clock offset: -5.954 ms

Remote clock offset: 7.797 ms

Below is generated by plot.py at 2018-05-24 17:13:08

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.14 Mbit/s

95th percentile per-packet one-way delay: 4.273 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 3.332 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 4.009 ms

Loss rate: 0.00%

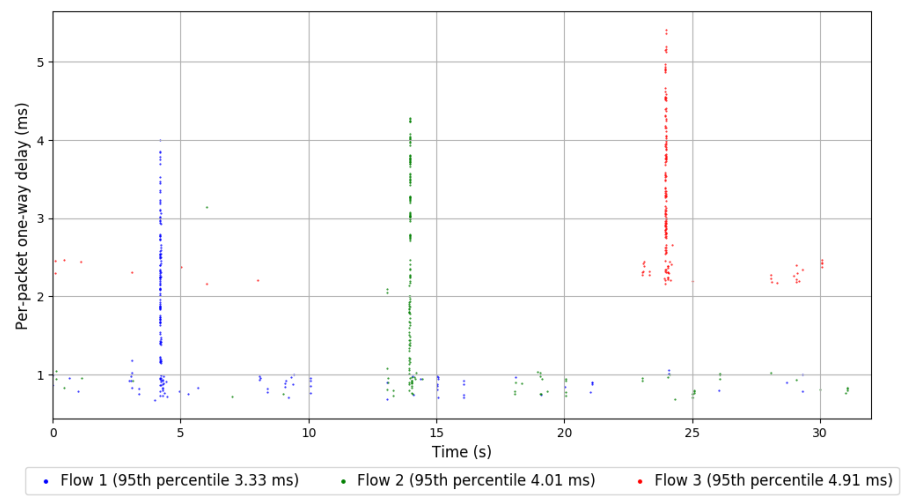
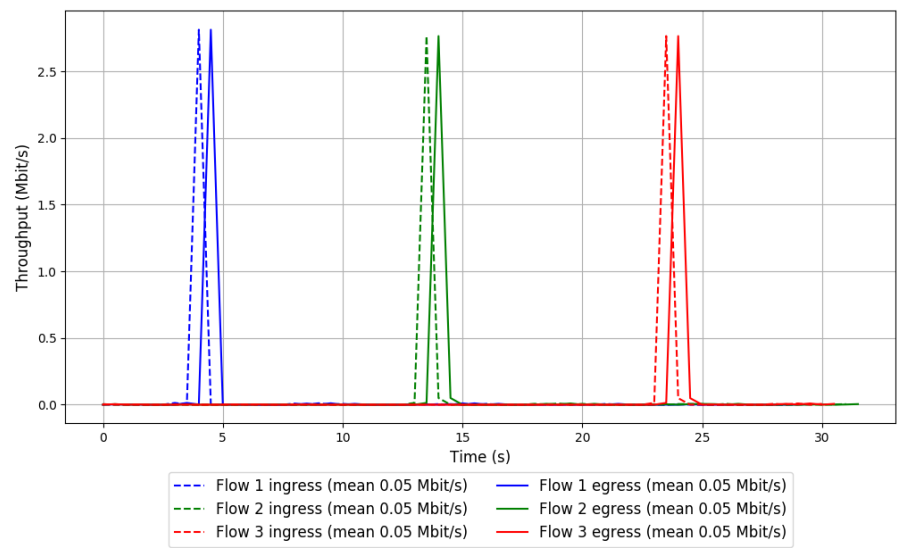
-- Flow 3:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 4.905 ms

Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: 2018-05-24 16:27:44

End at: 2018-05-24 16:28:14

Local clock offset: -6.005 ms

Remote clock offset: 8.079 ms

Below is generated by plot.py at 2018-05-24 17:13:08

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.14 Mbit/s

95th percentile per-packet one-way delay: 4.564 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 3.980 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 4.715 ms

Loss rate: 0.00%

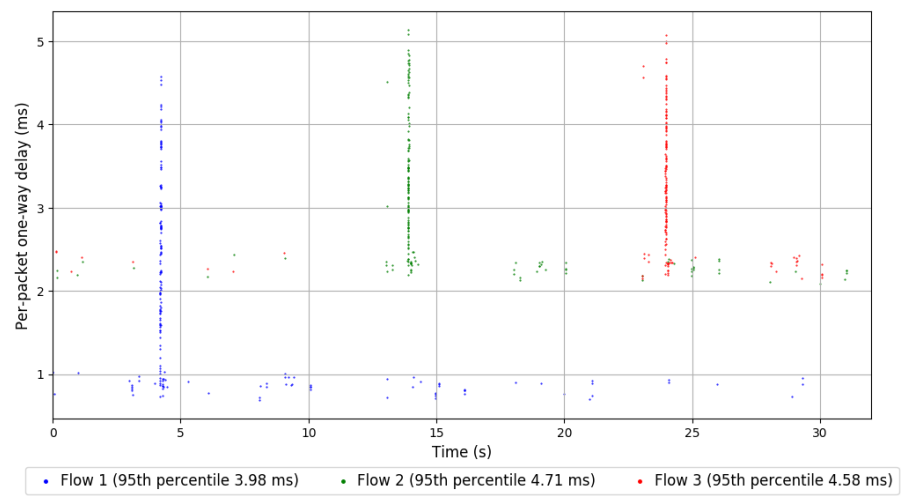
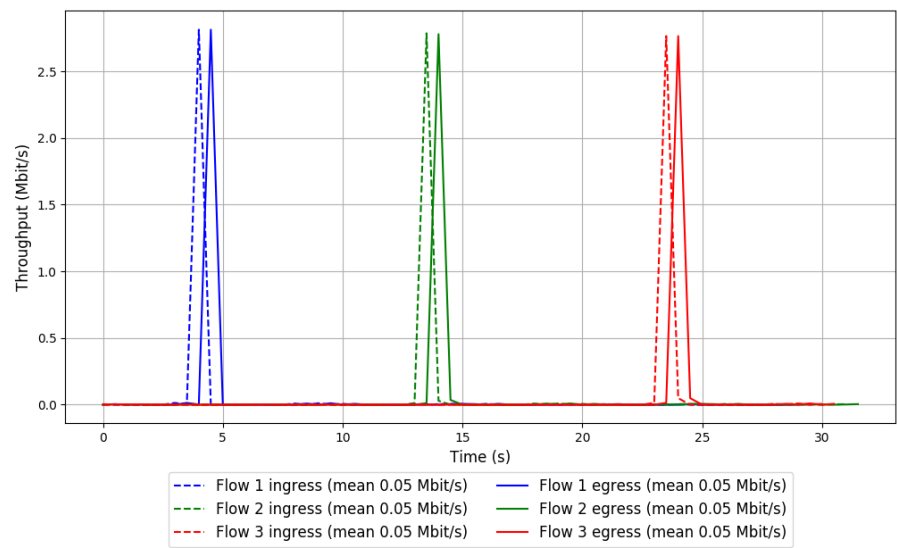
-- Flow 3:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 4.579 ms

Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-05-24 16:45:36

End at: 2018-05-24 16:46:06

Local clock offset: -6.146 ms

Remote clock offset: -0.23 ms

Below is generated by plot.py at 2018-05-24 17:13:08

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.14 Mbit/s

95th percentile per-packet one-way delay: 4.756 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 4.152 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 4.933 ms

Loss rate: 0.00%

-- Flow 3:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 5.058 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

