

Pantheon Report

Generated at 2018-05-22 18:47:38 (UTC).

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

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.

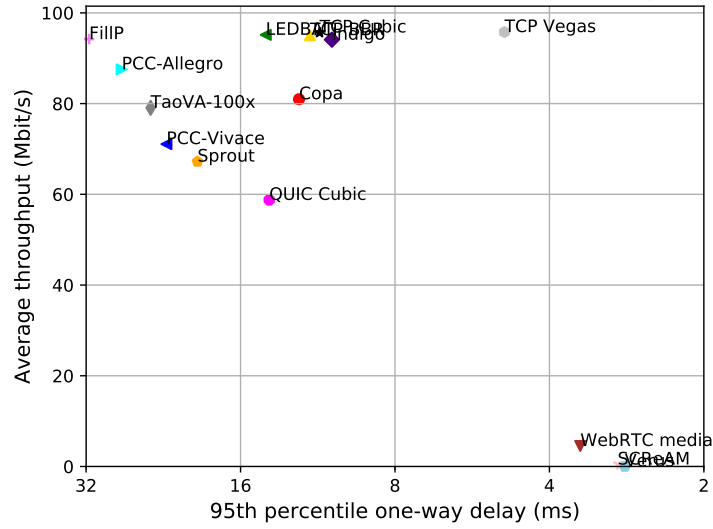
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

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

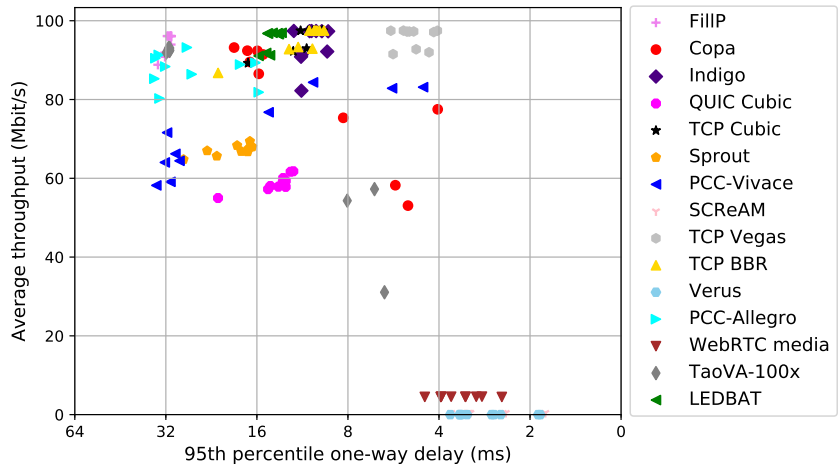
Git summary:

```
branch: master @ 2d1d4407e851ba626e5ca4626a306105793df686
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 Brazil Ethernet to AWS Brazil 1 Ethernet, 10 runs of 30s each per scheme
3 flows with 10s interval between flows (mean of all runs by scheme)



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



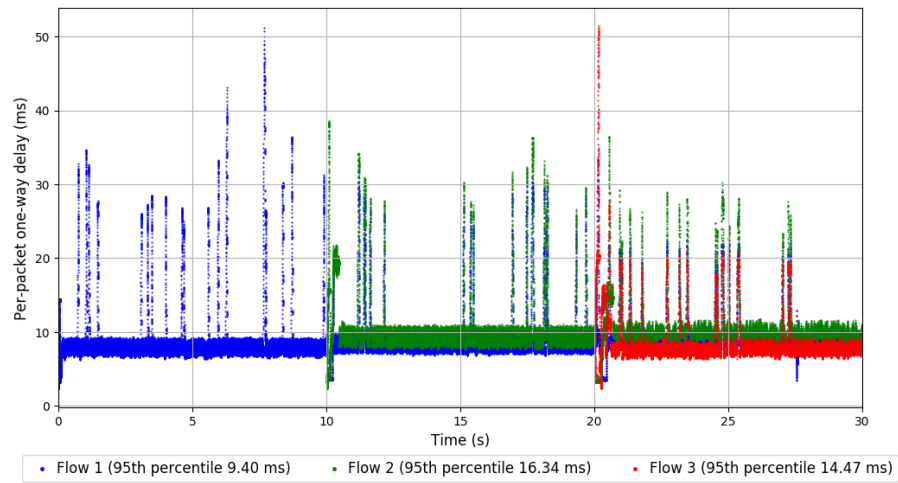
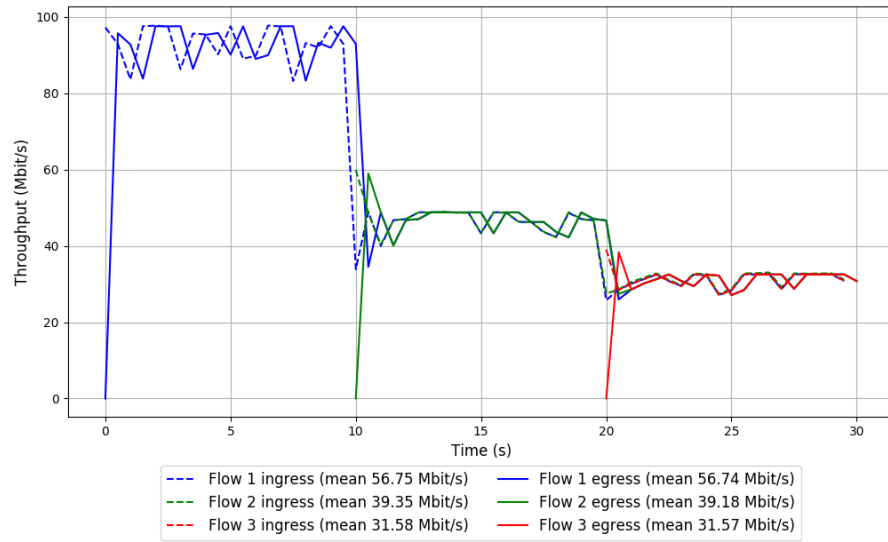
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	57.82	39.92	32.14	10.71	12.97	13.25	0.16	0.37	0.60
Copa	10	48.73	33.89	29.10	11.12	13.12	12.20	0.01	0.03	0.09
TCP Cubic	10	58.53	39.90	31.86	11.79	11.15	11.73	0.08	0.15	0.24
FillP	10	58.39	38.80	30.21	30.45	32.49	34.74	1.54	3.40	3.75
Indigo	10	57.08	39.72	32.19	9.92	10.93	10.77	0.04	0.58	0.36
LEDBAT	10	57.99	39.89	31.90	13.99	14.72	14.51	0.13	0.24	0.39
PCC-Allegro	10	63.23	24.92	23.54	26.30	19.87	20.72	2.60	1.62	1.14
PCC-Expr	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
QUIC Cubic	10	1.19	65.16	46.59	2.56	13.90	14.44	0.00	0.12	0.30
SCReAM	10	0.22	0.22	0.22	2.94	2.94	3.05	0.00	0.00	0.21
Sprout	10	35.39	32.95	30.07	17.37	19.66	22.87	0.03	0.07	0.17
TaoVA-100x	10	48.28	32.22	28.09	23.15	24.56	24.23	0.23	0.49	1.18
TCP Vegas	10	53.59	43.96	38.82	4.52	4.59	5.48	0.01	0.02	0.05
Verus	10	0.00	0.00	0.00	3.00	2.62	2.46	0.00	0.00	0.00
PCC-Vivace	10	39.46	35.63	23.97	17.81	28.01	21.81	0.19	0.73	0.36
WebRTC media	10	2.37	1.50	0.67	3.40	3.50	3.88	0.01	0.06	0.18

Run 1: Statistics of TCP BBR

Start at: 2018-05-22 15:40:49
End at: 2018-05-22 15:41:19
Local clock offset: -6.105 ms
Remote clock offset: -2.236 ms

Below is generated by plot.py at 2018-05-22 18:30:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.33 Mbit/s
95th percentile per-packet one-way delay: 11.684 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 56.74 Mbit/s
95th percentile per-packet one-way delay: 9.400 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 39.18 Mbit/s
95th percentile per-packet one-way delay: 16.343 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 31.57 Mbit/s
95th percentile per-packet one-way delay: 14.469 ms
Loss rate: 0.10%

Run 1: Report of TCP BBR — Data Link

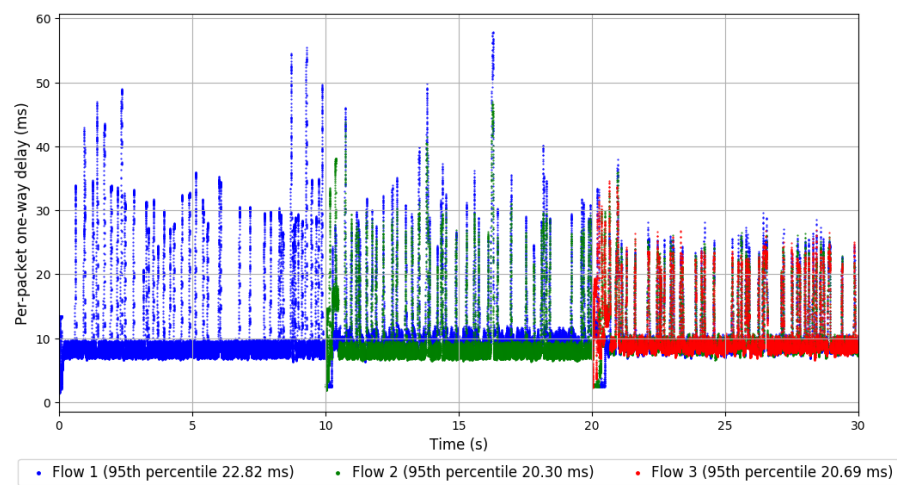
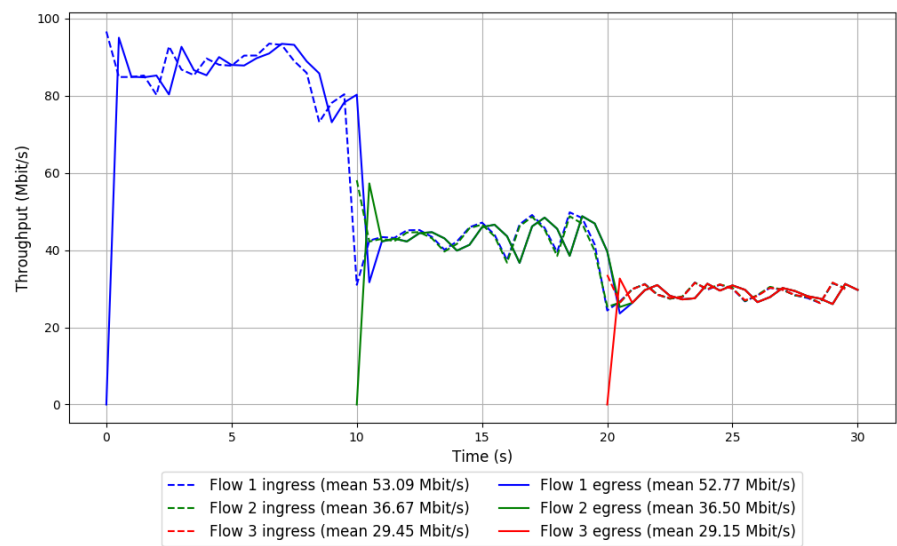


Run 2: Statistics of TCP BBR

Start at: 2018-05-22 15:58:33
End at: 2018-05-22 15:59:03
Local clock offset: -6.995 ms
Remote clock offset: -2.776 ms

Below is generated by plot.py at 2018-05-22 18:30:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.76 Mbit/s
95th percentile per-packet one-way delay: 21.498 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 52.77 Mbit/s
95th percentile per-packet one-way delay: 22.823 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 36.50 Mbit/s
95th percentile per-packet one-way delay: 20.303 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 29.15 Mbit/s
95th percentile per-packet one-way delay: 20.693 ms
Loss rate: 1.05%

Run 2: Report of TCP BBR — Data Link

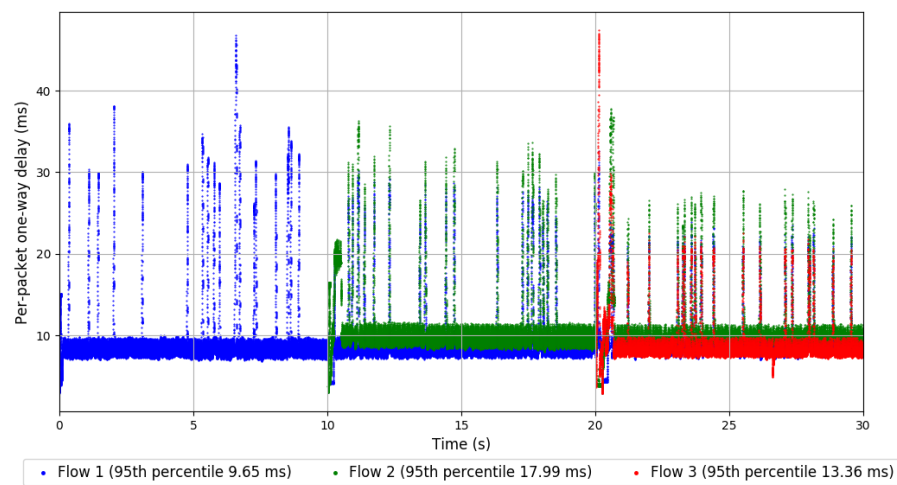
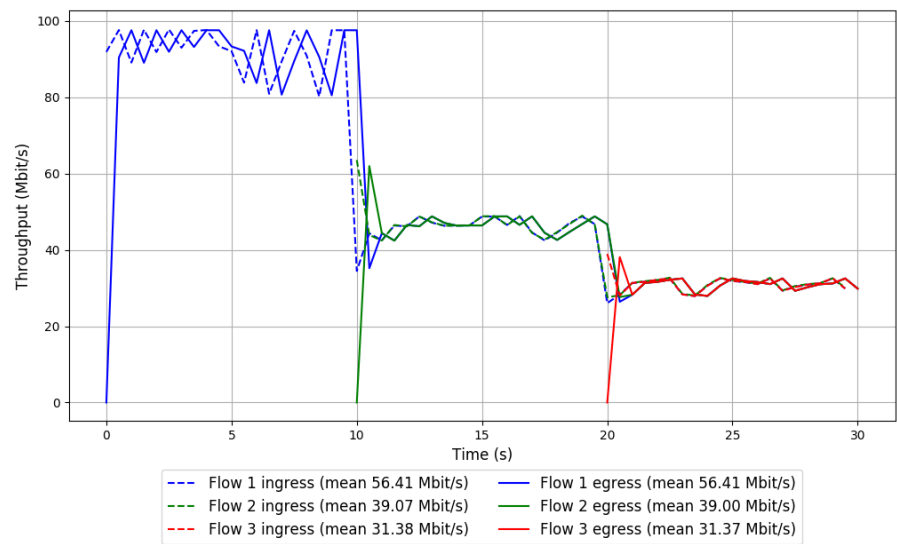


Run 3: Statistics of TCP BBR

Start at: 2018-05-22 16:16:16
End at: 2018-05-22 16:16:46
Local clock offset: -5.263 ms
Remote clock offset: -4.569 ms

Below is generated by plot.py at 2018-05-22 18:30:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.79 Mbit/s
95th percentile per-packet one-way delay: 12.528 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 56.41 Mbit/s
95th percentile per-packet one-way delay: 9.654 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 39.00 Mbit/s
95th percentile per-packet one-way delay: 17.989 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 31.37 Mbit/s
95th percentile per-packet one-way delay: 13.356 ms
Loss rate: 0.10%

Run 3: Report of TCP BBR — Data Link

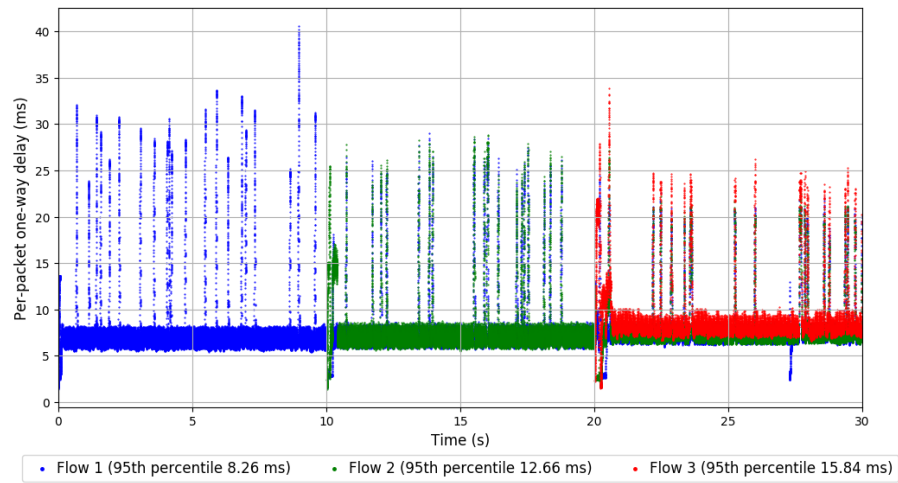
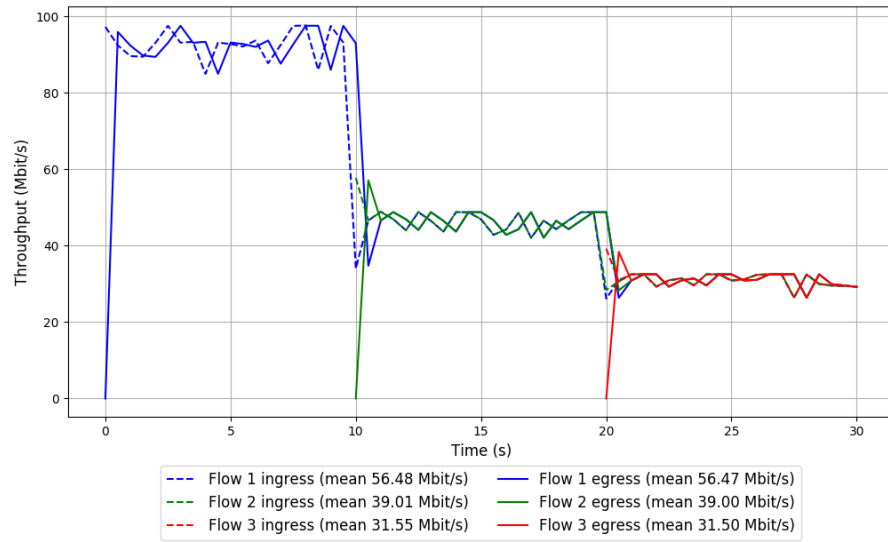


Run 4: Statistics of TCP BBR

Start at: 2018-05-22 16:34:02
End at: 2018-05-22 16:34:32
Local clock offset: -6.555 ms
Remote clock offset: -8.205 ms

Below is generated by plot.py at 2018-05-22 18:30:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.91 Mbit/s
95th percentile per-packet one-way delay: 10.485 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 56.47 Mbit/s
95th percentile per-packet one-way delay: 8.255 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 39.00 Mbit/s
95th percentile per-packet one-way delay: 12.658 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 31.50 Mbit/s
95th percentile per-packet one-way delay: 15.840 ms
Loss rate: 0.19%

Run 4: Report of TCP BBR — Data Link

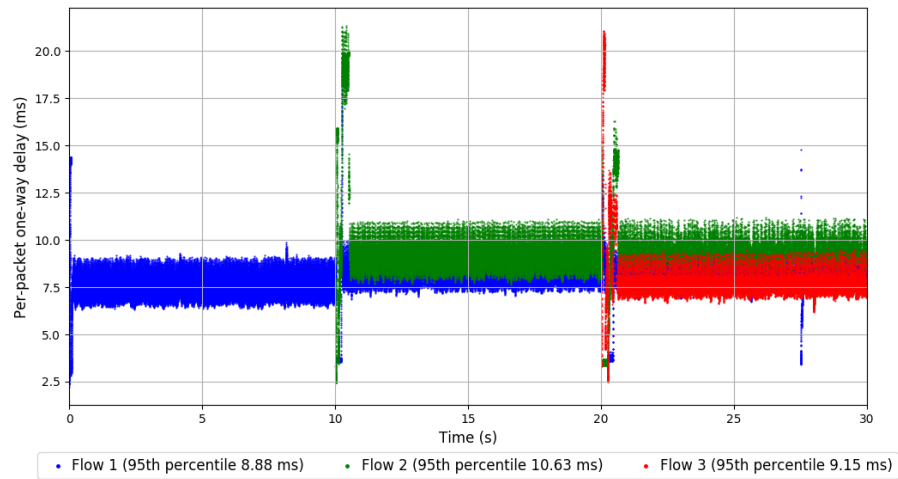
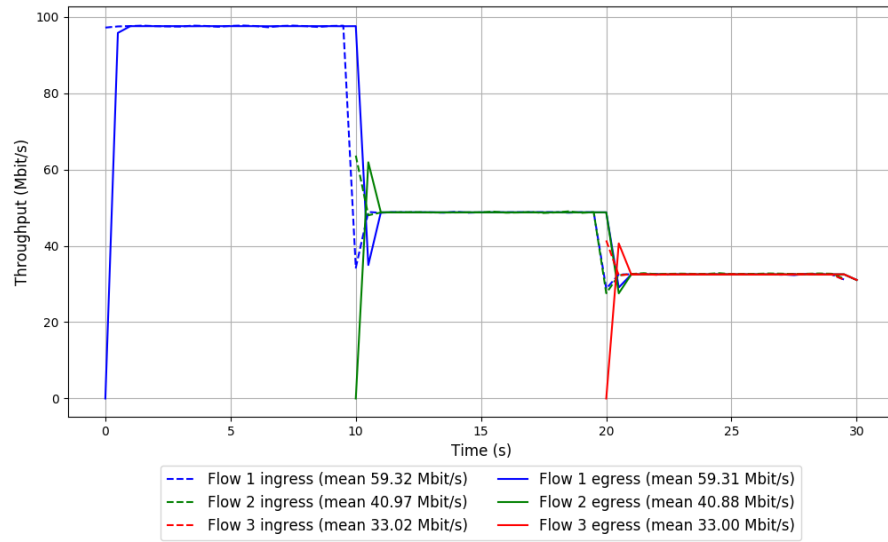


Run 5: Statistics of TCP BBR

Start at: 2018-05-22 16:51:52
End at: 2018-05-22 16:52:22
Local clock offset: -5.662 ms
Remote clock offset: -6.115 ms

Below is generated by plot.py at 2018-05-22 18:30:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 9.938 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 59.31 Mbit/s
95th percentile per-packet one-way delay: 8.879 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 40.88 Mbit/s
95th percentile per-packet one-way delay: 10.630 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 33.00 Mbit/s
95th percentile per-packet one-way delay: 9.148 ms
Loss rate: 0.09%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-05-22 17:09:44

End at: 2018-05-22 17:10:14

Local clock offset: -6.012 ms

Remote clock offset: -2.72 ms

Below is generated by plot.py at 2018-05-22 18:30:50

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 10.244 ms

Loss rate: 0.17%

-- Flow 1:

Average throughput: 59.26 Mbit/s

95th percentile per-packet one-way delay: 10.100 ms

Loss rate: 0.13%

-- Flow 2:

Average throughput: 40.92 Mbit/s

95th percentile per-packet one-way delay: 10.456 ms

Loss rate: 0.25%

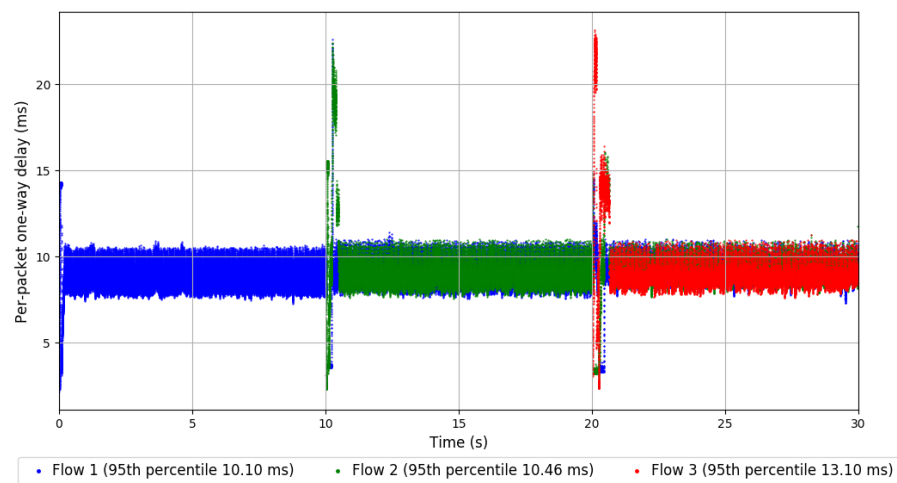
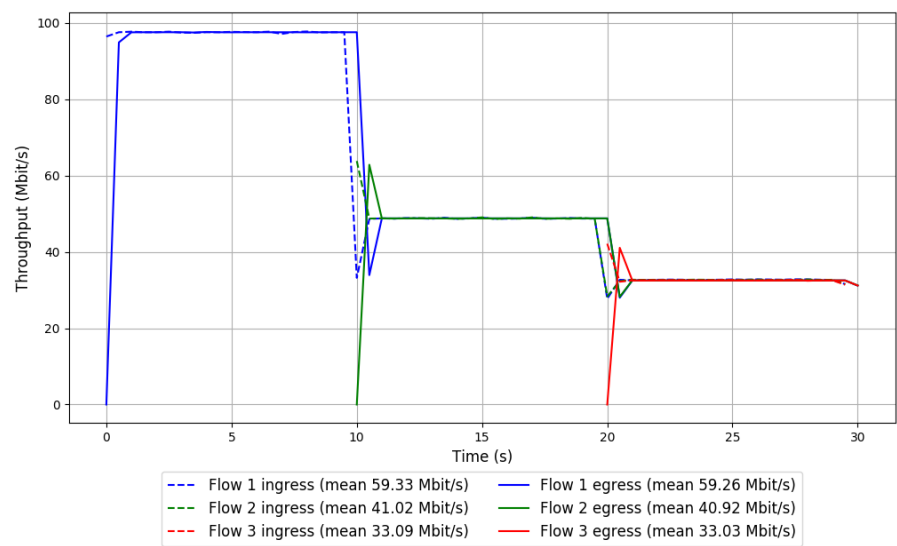
-- Flow 3:

Average throughput: 33.03 Mbit/s

95th percentile per-packet one-way delay: 13.099 ms

Loss rate: 0.24%

Run 6: Report of TCP BBR — Data Link

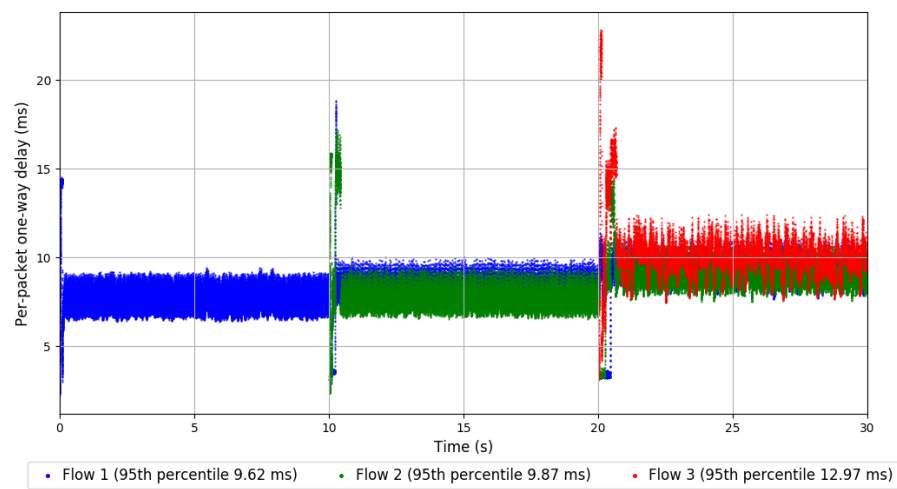
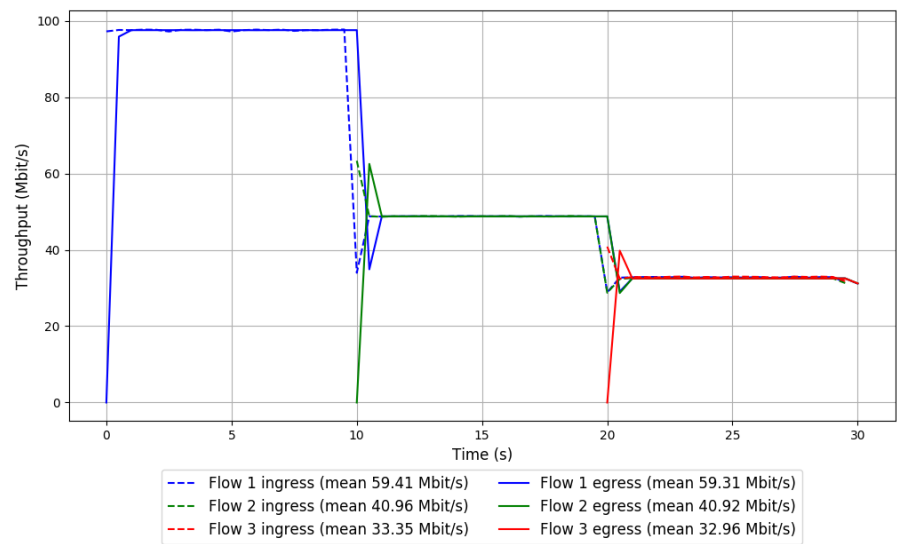


Run 7: Statistics of TCP BBR

Start at: 2018-05-22 17:27:35
End at: 2018-05-22 17:28:05
Local clock offset: -6.112 ms
Remote clock offset: -2.205 ms

Below is generated by plot.py at 2018-05-22 18:30:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.51 Mbit/s
95th percentile per-packet one-way delay: 10.339 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 59.31 Mbit/s
95th percentile per-packet one-way delay: 9.625 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 40.92 Mbit/s
95th percentile per-packet one-way delay: 9.871 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 32.96 Mbit/s
95th percentile per-packet one-way delay: 12.970 ms
Loss rate: 1.22%

Run 7: Report of TCP BBR — Data Link

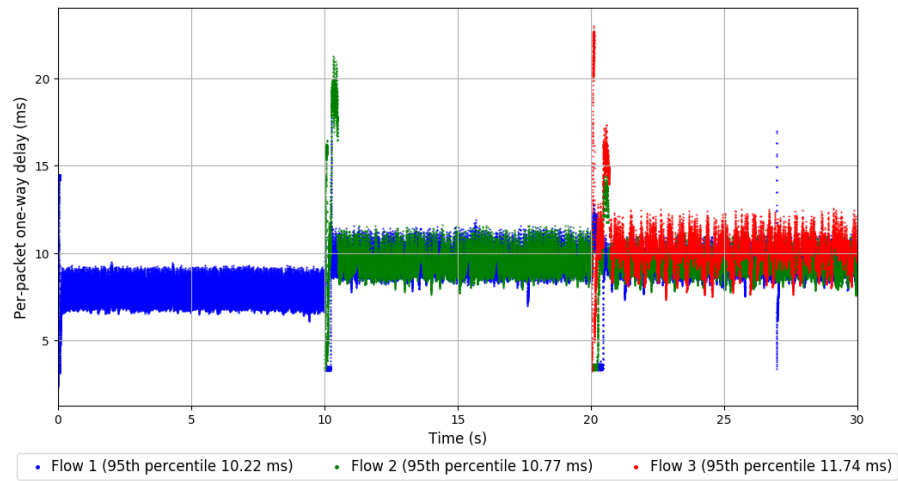
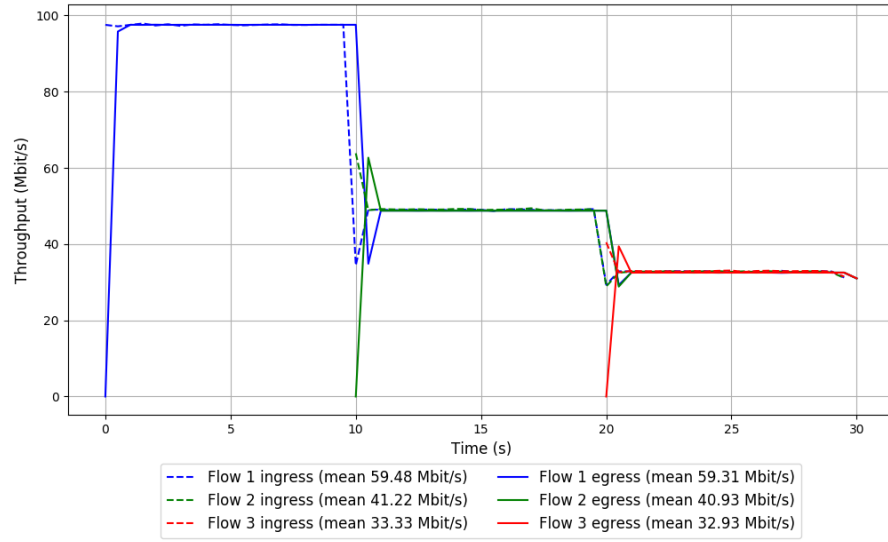


Run 8: Statistics of TCP BBR

Start at: 2018-05-22 17:45:25
End at: 2018-05-22 17:45:55
Local clock offset: -5.976 ms
Remote clock offset: -1.798 ms

Below is generated by plot.py at 2018-05-22 18:30:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.51 Mbit/s
95th percentile per-packet one-way delay: 10.734 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 59.31 Mbit/s
95th percentile per-packet one-way delay: 10.216 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 40.93 Mbit/s
95th percentile per-packet one-way delay: 10.774 ms
Loss rate: 0.72%
-- Flow 3:
Average throughput: 32.93 Mbit/s
95th percentile per-packet one-way delay: 11.742 ms
Loss rate: 1.24%

Run 8: Report of TCP BBR — Data Link

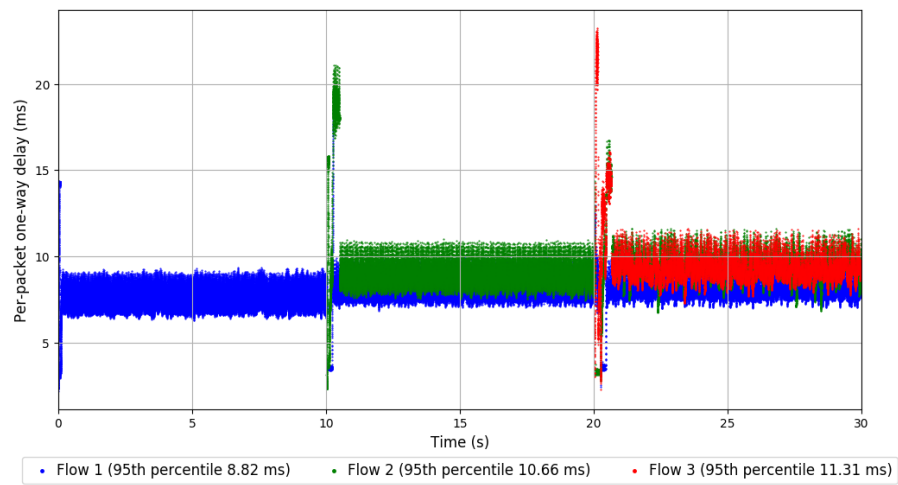
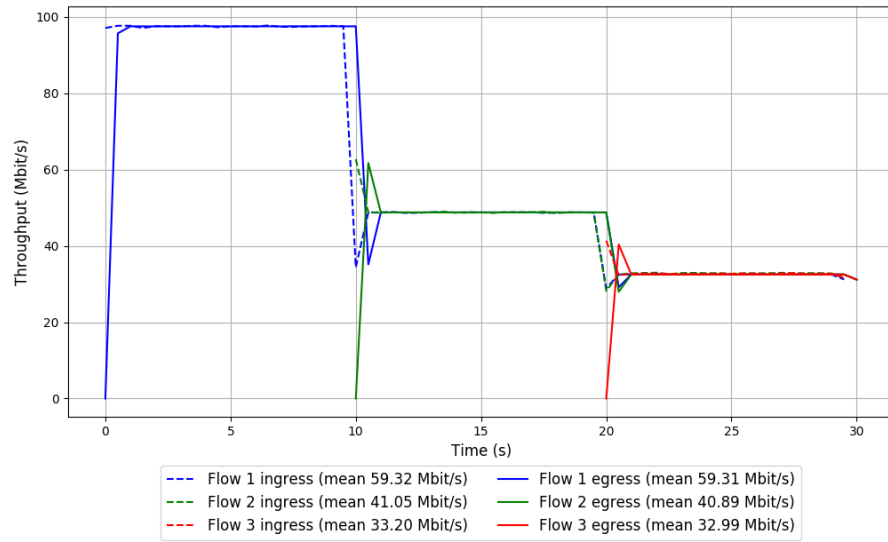


Run 9: Statistics of TCP BBR

Start at: 2018-05-22 18:03:17
End at: 2018-05-22 18:03:47
Local clock offset: -5.862 ms
Remote clock offset: -2.533 ms

Below is generated by plot.py at 2018-05-22 18:31:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.50 Mbit/s
95th percentile per-packet one-way delay: 10.137 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 59.31 Mbit/s
95th percentile per-packet one-way delay: 8.818 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 40.89 Mbit/s
95th percentile per-packet one-way delay: 10.656 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 32.99 Mbit/s
95th percentile per-packet one-way delay: 11.307 ms
Loss rate: 0.70%

Run 9: Report of TCP BBR — Data Link

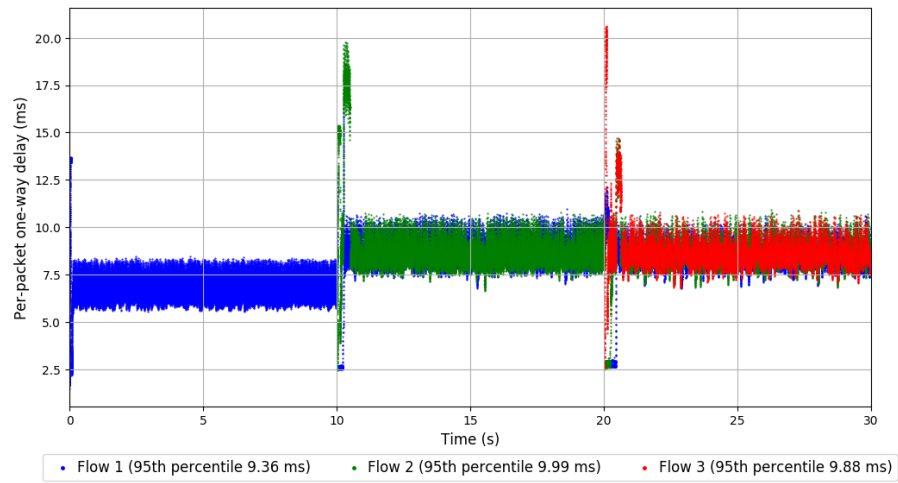
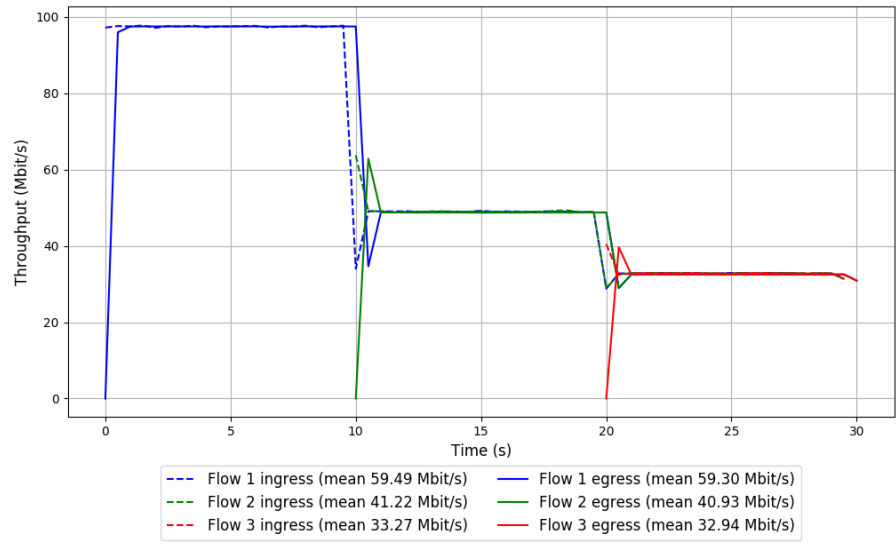


Run 10: Statistics of TCP BBR

Start at: 2018-05-22 18:21:07
End at: 2018-05-22 18:21:37
Local clock offset: -6.526 ms
Remote clock offset: -3.422 ms

Below is generated by plot.py at 2018-05-22 18:31:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.51 Mbit/s
95th percentile per-packet one-way delay: 9.597 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 59.30 Mbit/s
95th percentile per-packet one-way delay: 9.359 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 40.93 Mbit/s
95th percentile per-packet one-way delay: 9.987 ms
Loss rate: 0.72%
-- Flow 3:
Average throughput: 32.94 Mbit/s
95th percentile per-packet one-way delay: 9.880 ms
Loss rate: 1.03%

Run 10: Report of TCP BBR — Data Link

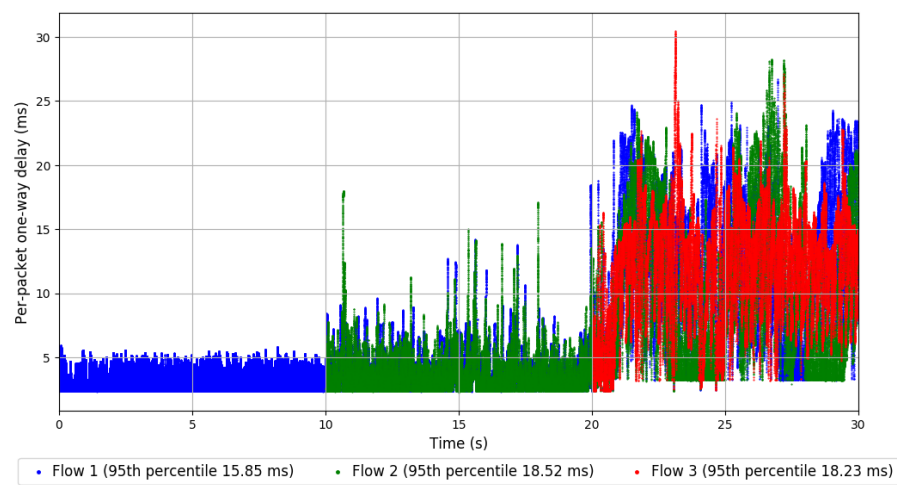
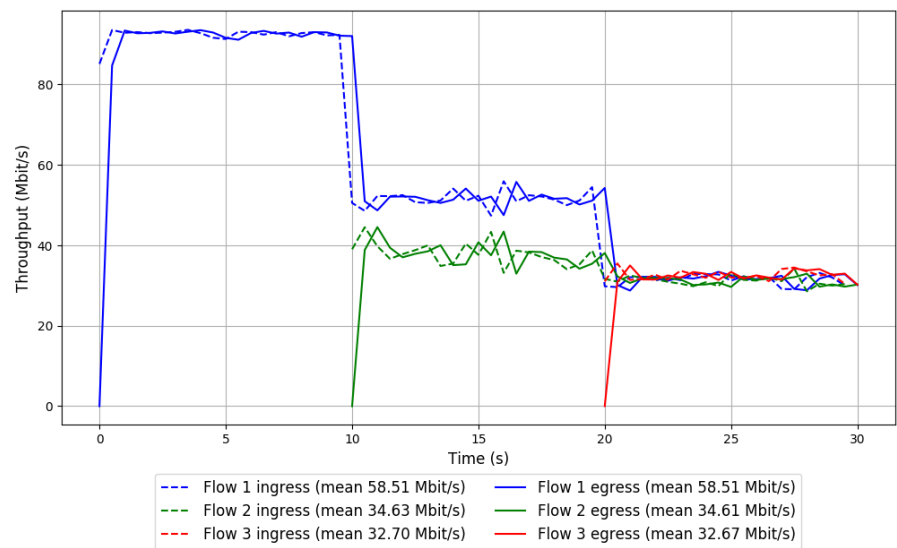


Run 1: Statistics of Copa

Start at: 2018-05-22 15:30:41
End at: 2018-05-22 15:31:11
Local clock offset: -6.008 ms
Remote clock offset: -2.301 ms

Below is generated by plot.py at 2018-05-22 18:32:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.40 Mbit/s
95th percentile per-packet one-way delay: 17.201 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 58.51 Mbit/s
95th percentile per-packet one-way delay: 15.851 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 34.61 Mbit/s
95th percentile per-packet one-way delay: 18.522 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 32.67 Mbit/s
95th percentile per-packet one-way delay: 18.232 ms
Loss rate: 0.13%

Run 1: Report of Copa — Data Link

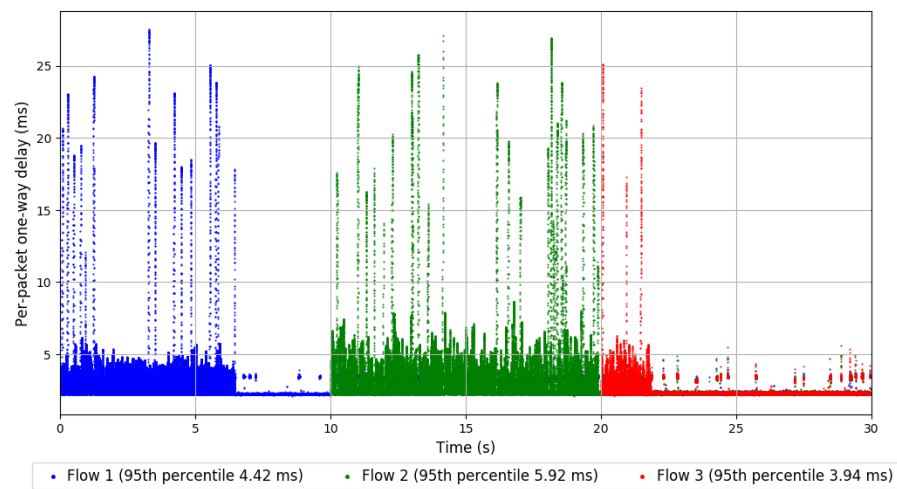
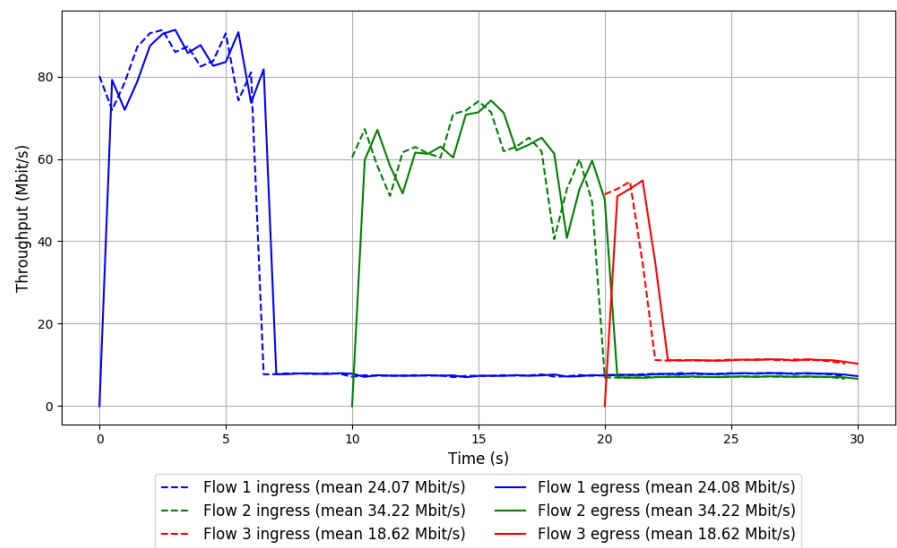


Run 2: Statistics of Copa

Start at: 2018-05-22 15:48:32
End at: 2018-05-22 15:49:02
Local clock offset: -6.234 ms
Remote clock offset: -2.615 ms

Below is generated by plot.py at 2018-05-22 18:32:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 53.06 Mbit/s
95th percentile per-packet one-way delay: 5.065 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 24.08 Mbit/s
95th percentile per-packet one-way delay: 4.418 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 34.22 Mbit/s
95th percentile per-packet one-way delay: 5.919 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 18.62 Mbit/s
95th percentile per-packet one-way delay: 3.942 ms
Loss rate: 0.03%

Run 2: Report of Copa — Data Link

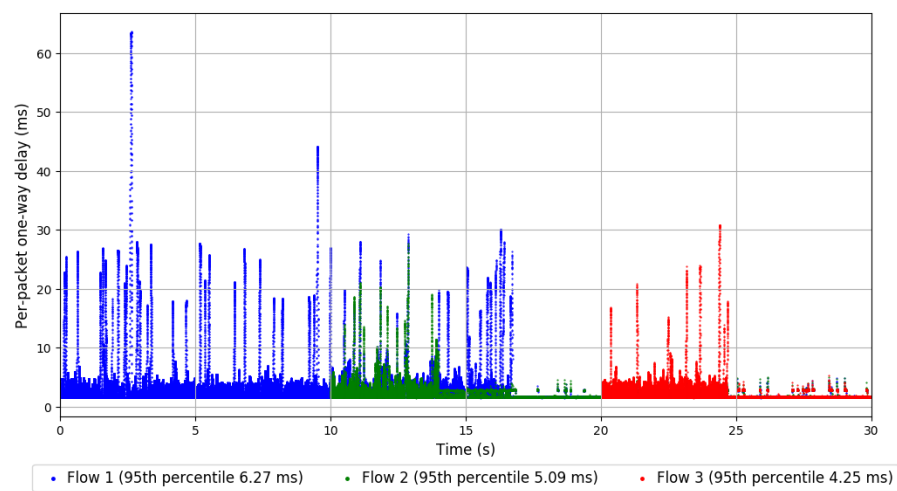
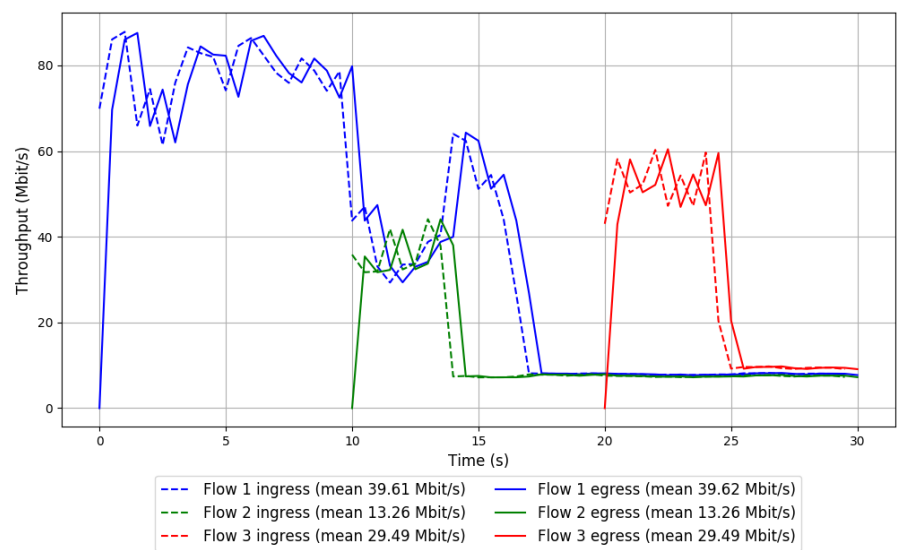


Run 3: Statistics of Copa

Start at: 2018-05-22 16:06:15
End at: 2018-05-22 16:06:45
Local clock offset: -6.878 ms
Remote clock offset: -2.836 ms

Below is generated by plot.py at 2018-05-22 18:32:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 58.24 Mbit/s
95th percentile per-packet one-way delay: 5.577 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 39.62 Mbit/s
95th percentile per-packet one-way delay: 6.266 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 13.26 Mbit/s
95th percentile per-packet one-way delay: 5.094 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 29.49 Mbit/s
95th percentile per-packet one-way delay: 4.253 ms
Loss rate: 0.01%

Run 3: Report of Copa — Data Link

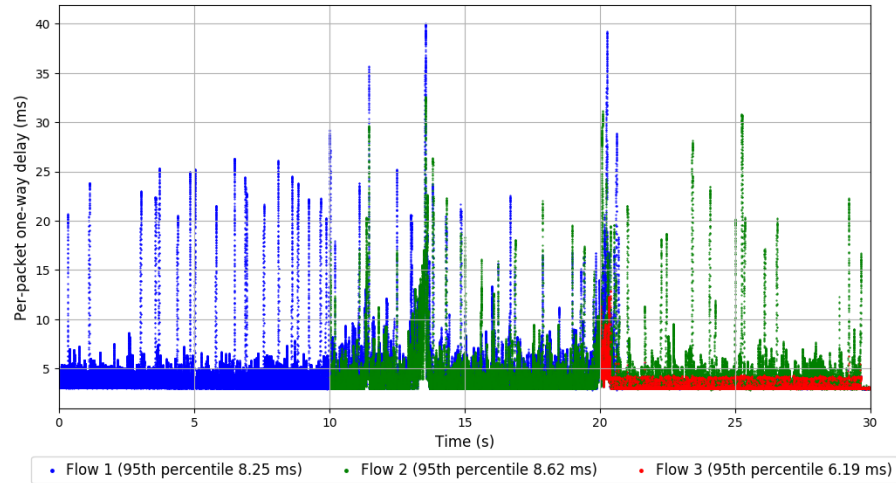
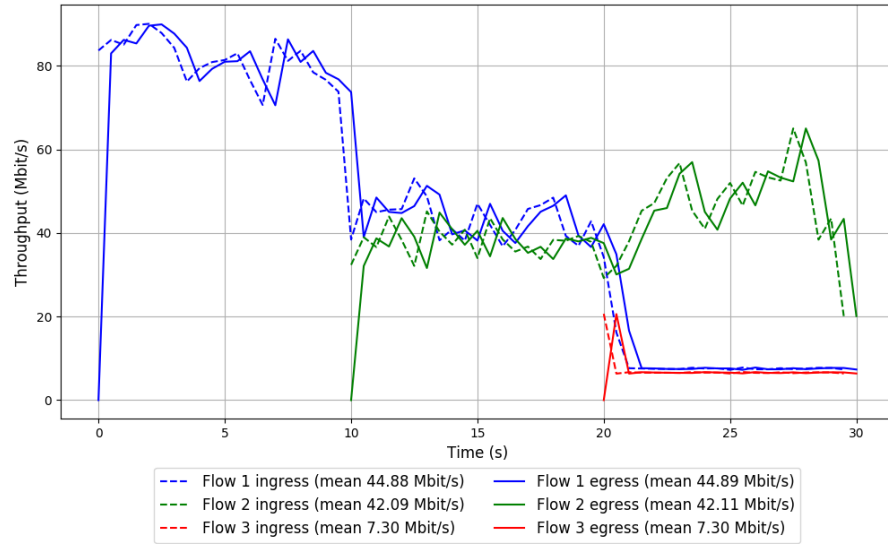


Run 4: Statistics of Copa

Start at: 2018-05-22 16:23:58
End at: 2018-05-22 16:24:28
Local clock offset: -5.252 ms
Remote clock offset: -6.797 ms

Below is generated by plot.py at 2018-05-22 18:32:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.35 Mbit/s
95th percentile per-packet one-way delay: 8.290 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 44.89 Mbit/s
95th percentile per-packet one-way delay: 8.247 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 42.11 Mbit/s
95th percentile per-packet one-way delay: 8.621 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 7.30 Mbit/s
95th percentile per-packet one-way delay: 6.186 ms
Loss rate: 0.04%

Run 4: Report of Copa — Data Link

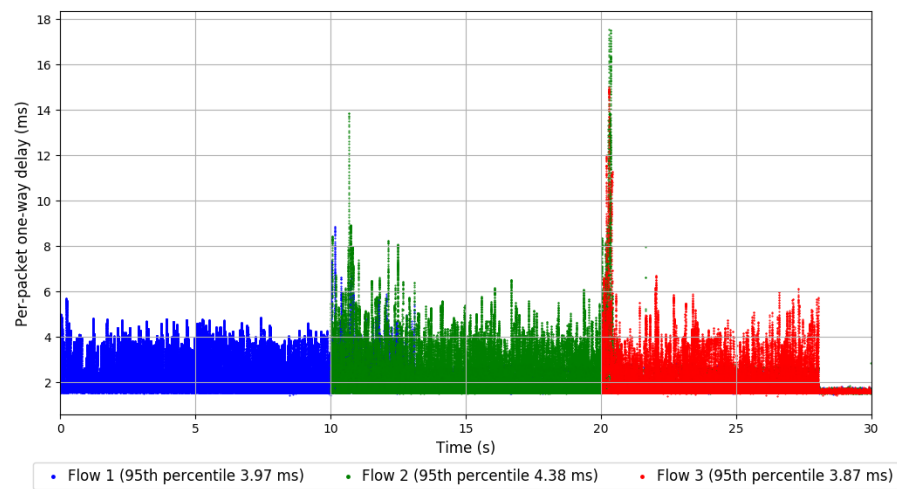
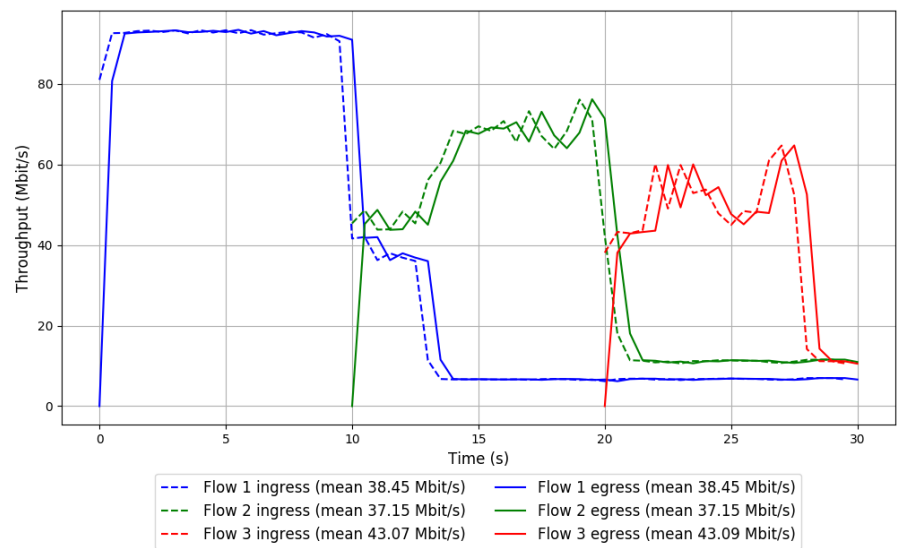


Run 5: Statistics of Copa

Start at: 2018-05-22 16:41:45
End at: 2018-05-22 16:42:15
Local clock offset: -6.452 ms
Remote clock offset: -8.748 ms

Below is generated by plot.py at 2018-05-22 18:32:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.51 Mbit/s
95th percentile per-packet one-way delay: 4.039 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 38.45 Mbit/s
95th percentile per-packet one-way delay: 3.968 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 37.15 Mbit/s
95th percentile per-packet one-way delay: 4.375 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 43.09 Mbit/s
95th percentile per-packet one-way delay: 3.871 ms
Loss rate: 0.01%

Run 5: Report of Copa — Data Link

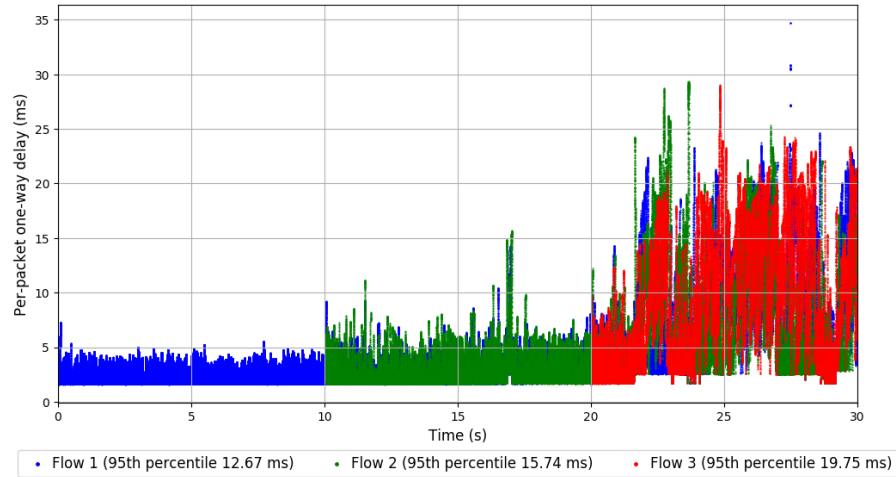
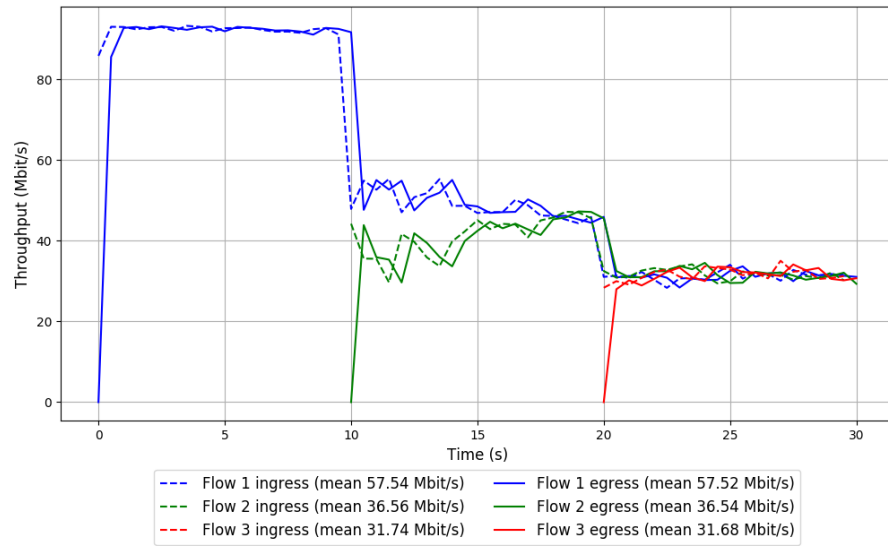


Run 6: Statistics of Copa

Start at: 2018-05-22 16:59:36
End at: 2018-05-22 17:00:06
Local clock offset: -6.545 ms
Remote clock offset: -4.036 ms

Below is generated by plot.py at 2018-05-22 18:32:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.36 Mbit/s
95th percentile per-packet one-way delay: 15.942 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 57.52 Mbit/s
95th percentile per-packet one-way delay: 12.670 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 36.54 Mbit/s
95th percentile per-packet one-way delay: 15.742 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 31.68 Mbit/s
95th percentile per-packet one-way delay: 19.751 ms
Loss rate: 0.24%

Run 6: Report of Copa — Data Link

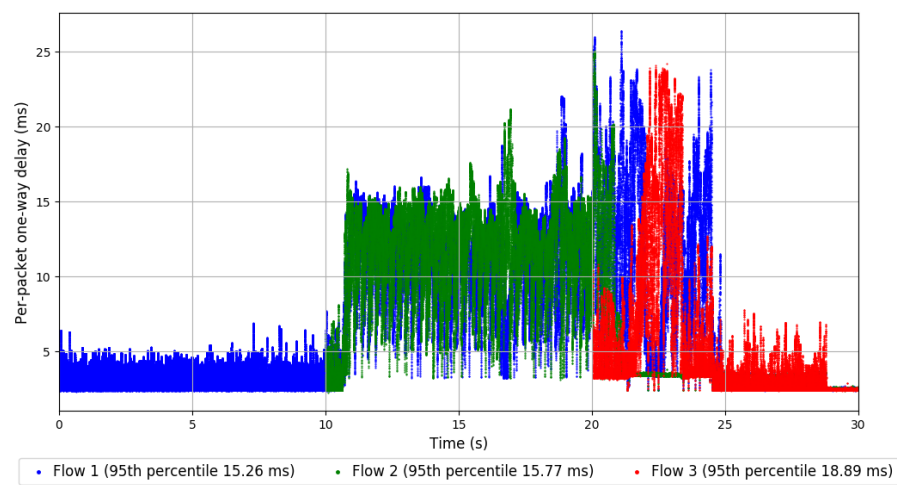
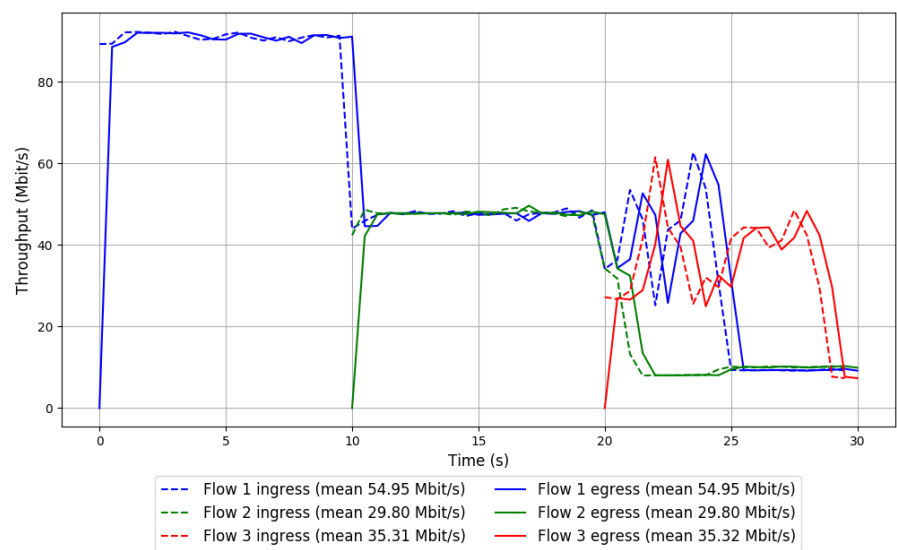


Run 7: Statistics of Copa

Start at: 2018-05-22 17:17:27
End at: 2018-05-22 17:17:57
Local clock offset: -6.018 ms
Remote clock offset: -2.262 ms

Below is generated by plot.py at 2018-05-22 18:33:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.52 Mbit/s
95th percentile per-packet one-way delay: 15.775 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 54.95 Mbit/s
95th percentile per-packet one-way delay: 15.260 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 29.80 Mbit/s
95th percentile per-packet one-way delay: 15.771 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 35.32 Mbit/s
95th percentile per-packet one-way delay: 18.893 ms
Loss rate: 0.01%

Run 7: Report of Copa — Data Link

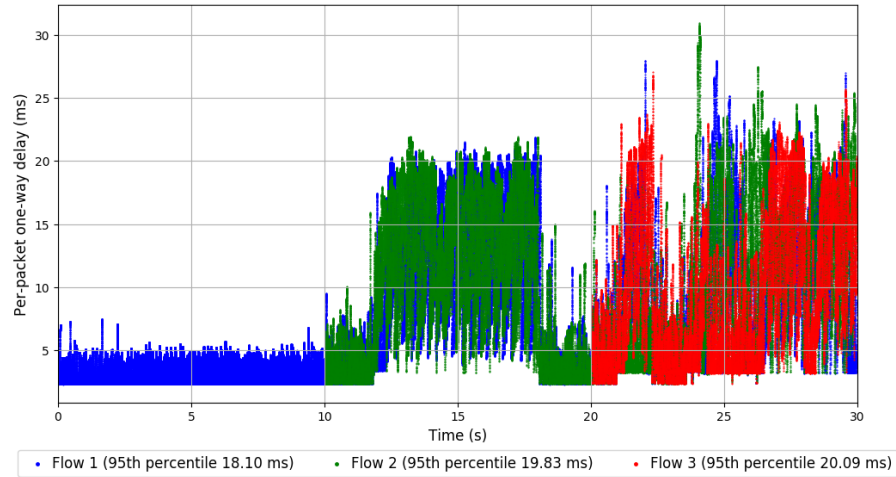
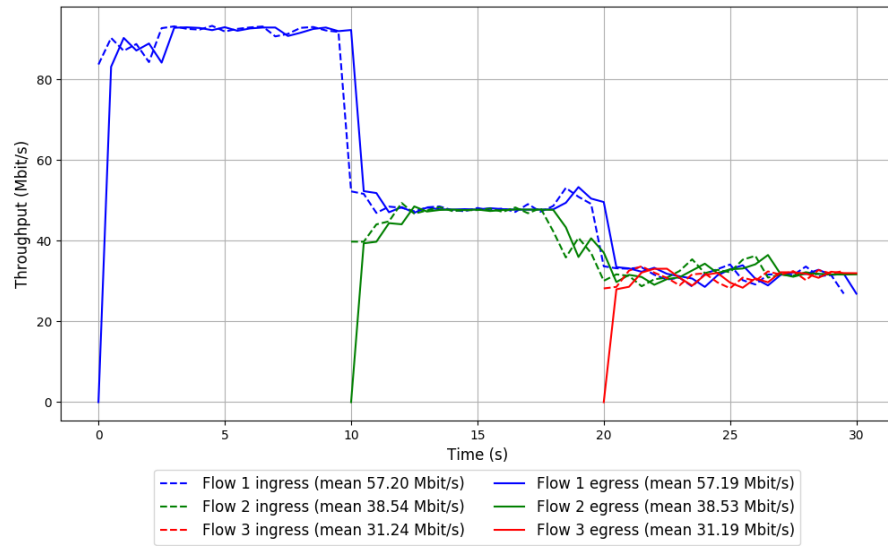


Run 8: Statistics of Copa

Start at: 2018-05-22 17:35:17
End at: 2018-05-22 17:35:47
Local clock offset: -5.985 ms
Remote clock offset: -2.026 ms

Below is generated by plot.py at 2018-05-22 18:33:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.19 Mbit/s
95th percentile per-packet one-way delay: 19.031 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 57.19 Mbit/s
95th percentile per-packet one-way delay: 18.101 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 38.53 Mbit/s
95th percentile per-packet one-way delay: 19.833 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 31.19 Mbit/s
95th percentile per-packet one-way delay: 20.087 ms
Loss rate: 0.22%

Run 8: Report of Copa — Data Link

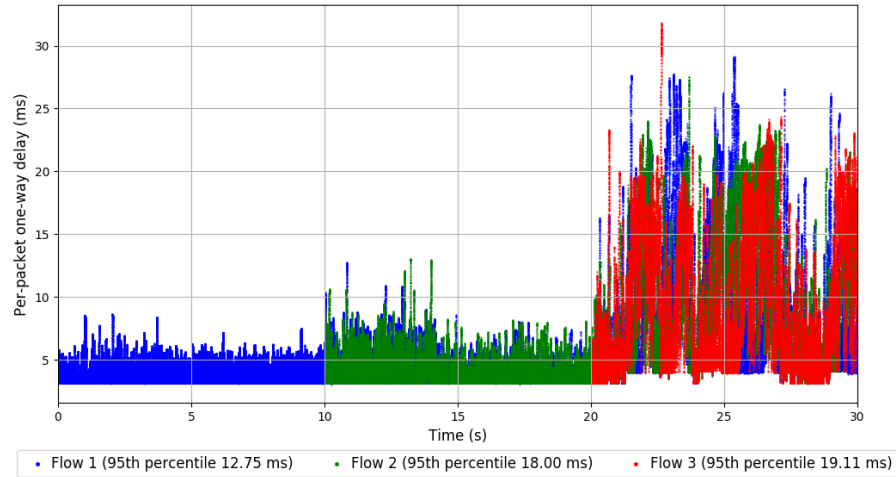
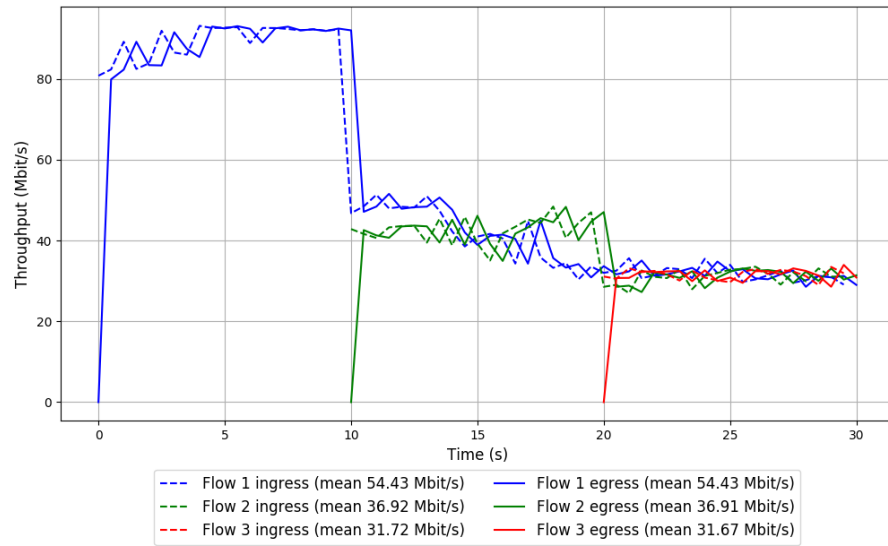


Run 9: Statistics of Copa

Start at: 2018-05-22 17:53:09
End at: 2018-05-22 17:53:39
Local clock offset: -5.203 ms
Remote clock offset: -1.453 ms

Below is generated by plot.py at 2018-05-22 18:33:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.53 Mbit/s
95th percentile per-packet one-way delay: 16.887 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 54.43 Mbit/s
95th percentile per-packet one-way delay: 12.750 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 36.91 Mbit/s
95th percentile per-packet one-way delay: 17.995 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 31.67 Mbit/s
95th percentile per-packet one-way delay: 19.114 ms
Loss rate: 0.21%

Run 9: Report of Copa — Data Link

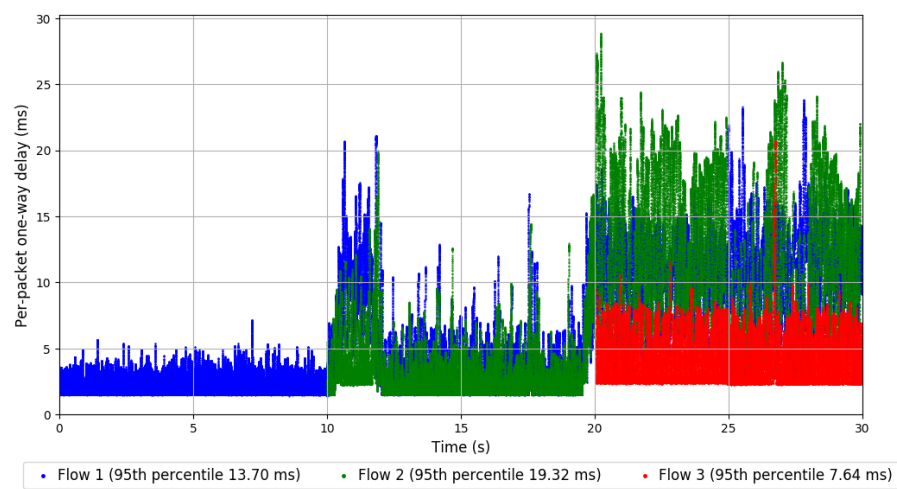
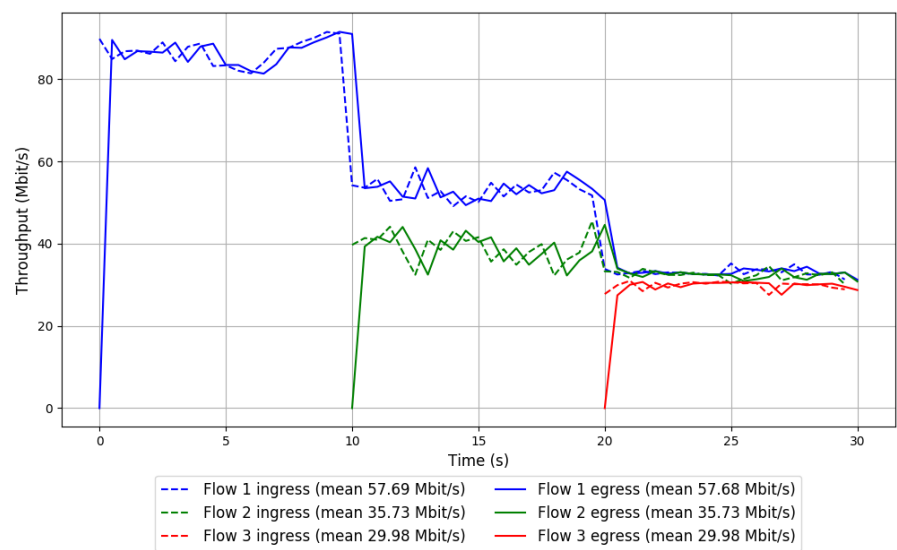


Run 10: Statistics of Copa

Start at: 2018-05-22 18:10:59
End at: 2018-05-22 18:11:29
Local clock offset: -6.635 ms
Remote clock offset: -3.012 ms

Below is generated by plot.py at 2018-05-22 18:33:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.43 Mbit/s
95th percentile per-packet one-way delay: 15.264 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 57.68 Mbit/s
95th percentile per-packet one-way delay: 13.698 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 35.73 Mbit/s
95th percentile per-packet one-way delay: 19.322 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 29.98 Mbit/s
95th percentile per-packet one-way delay: 7.640 ms
Loss rate: 0.04%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2018-05-22 15:34:03

End at: 2018-05-22 15:34:33

Local clock offset: -6.881 ms

Remote clock offset: -2.26 ms

Below is generated by plot.py at 2018-05-22 18:33:58

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 9.689 ms

Loss rate: 0.12%

-- Flow 1:

Average throughput: 59.63 Mbit/s

95th percentile per-packet one-way delay: 9.575 ms

Loss rate: 0.08%

-- Flow 2:

Average throughput: 40.65 Mbit/s

95th percentile per-packet one-way delay: 9.637 ms

Loss rate: 0.14%

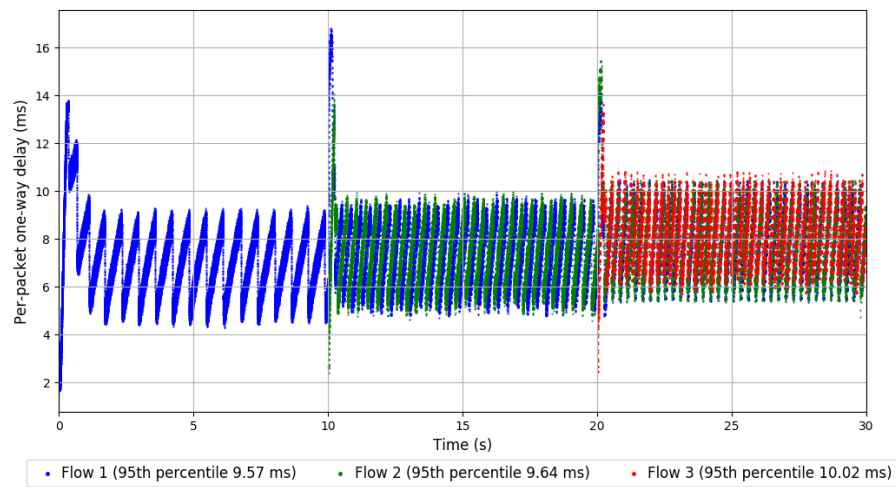
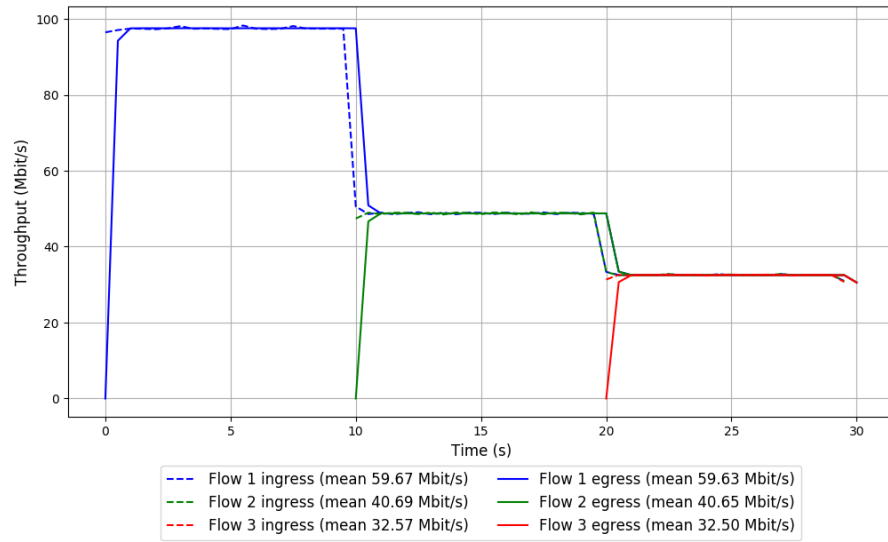
-- Flow 3:

Average throughput: 32.50 Mbit/s

95th percentile per-packet one-way delay: 10.020 ms

Loss rate: 0.26%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2018-05-22 15:51:50

End at: 2018-05-22 15:52:20

Local clock offset: -6.16 ms

Remote clock offset: -2.76 ms

Below is generated by plot.py at 2018-05-22 18:33:58

Datalink statistics

-- Total of 3 flows:

Average throughput: 92.25 Mbit/s

95th percentile per-packet one-way delay: 12.128 ms

Loss rate: 0.11%

-- Flow 1:

Average throughput: 56.60 Mbit/s

95th percentile per-packet one-way delay: 11.300 ms

Loss rate: 0.08%

-- Flow 2:

Average throughput: 38.38 Mbit/s

95th percentile per-packet one-way delay: 12.522 ms

Loss rate: 0.15%

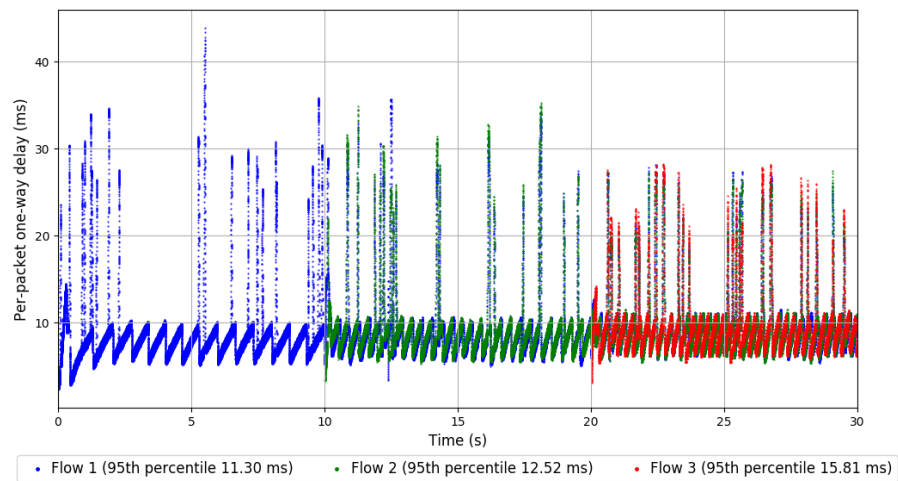
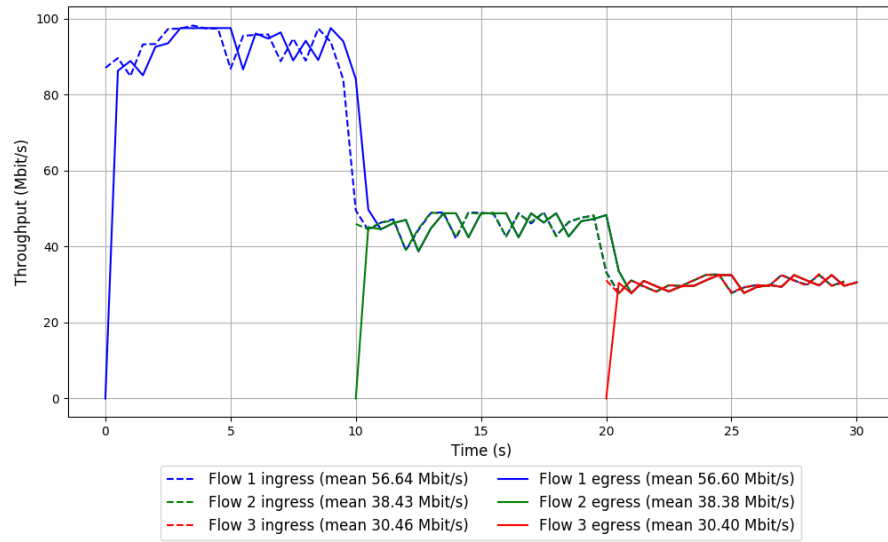
-- Flow 3:

Average throughput: 30.40 Mbit/s

95th percentile per-packet one-way delay: 15.807 ms

Loss rate: 0.23%

Run 2: Report of TCP Cubic — Data Link

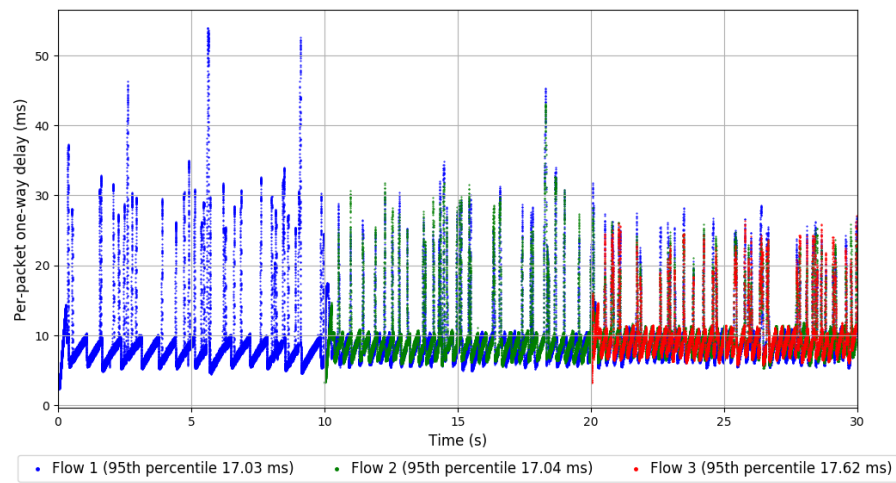
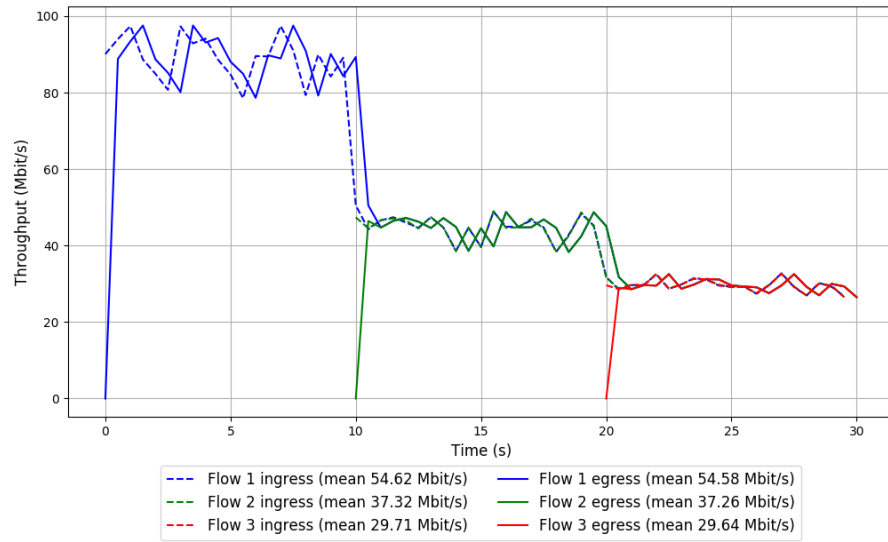


Run 3: Statistics of TCP Cubic

Start at: 2018-05-22 16:09:34
End at: 2018-05-22 16:10:04
Local clock offset: -6.054 ms
Remote clock offset: -2.723 ms

Below is generated by plot.py at 2018-05-22 18:33:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.24 Mbit/s
95th percentile per-packet one-way delay: 17.116 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 54.58 Mbit/s
95th percentile per-packet one-way delay: 17.026 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 37.26 Mbit/s
95th percentile per-packet one-way delay: 17.035 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 29.64 Mbit/s
95th percentile per-packet one-way delay: 17.621 ms
Loss rate: 0.26%

Run 3: Report of TCP Cubic — Data Link

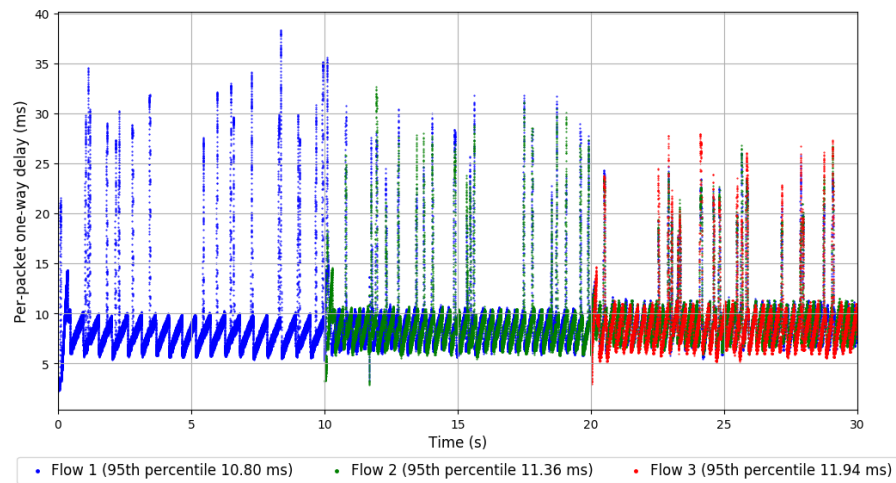
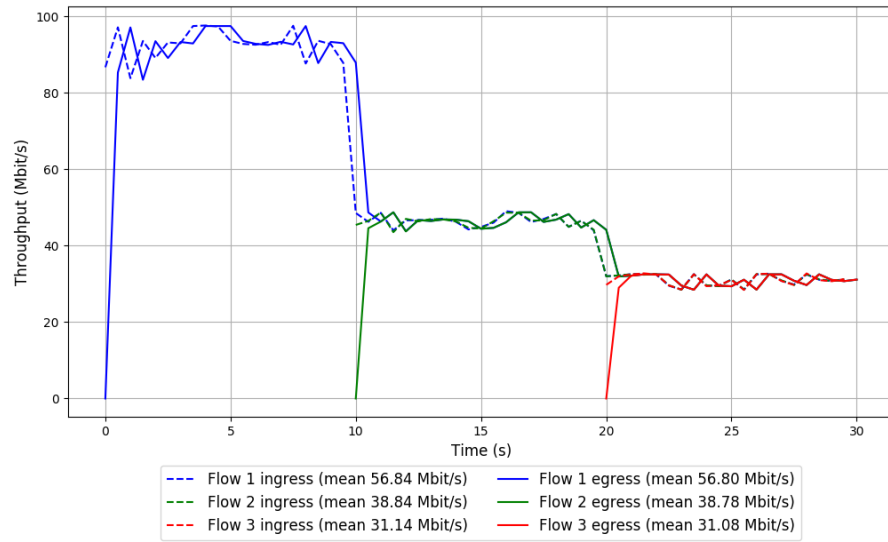


Run 4: Statistics of TCP Cubic

Start at: 2018-05-22 16:27:18
End at: 2018-05-22 16:27:48
Local clock offset: -5.966 ms
Remote clock offset: -7.414 ms

Below is generated by plot.py at 2018-05-22 18:33:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.95 Mbit/s
95th percentile per-packet one-way delay: 10.959 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 56.80 Mbit/s
95th percentile per-packet one-way delay: 10.799 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 38.78 Mbit/s
95th percentile per-packet one-way delay: 11.357 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 31.08 Mbit/s
95th percentile per-packet one-way delay: 11.941 ms
Loss rate: 0.23%

Run 4: Report of TCP Cubic — Data Link

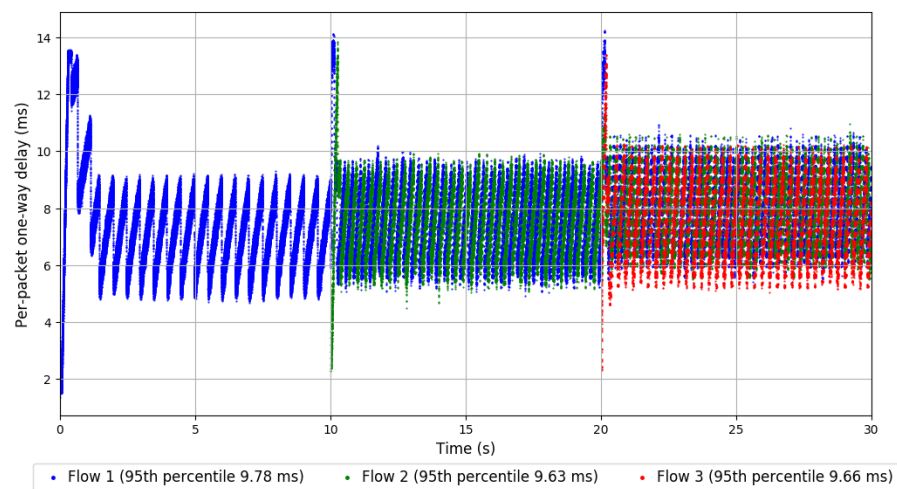
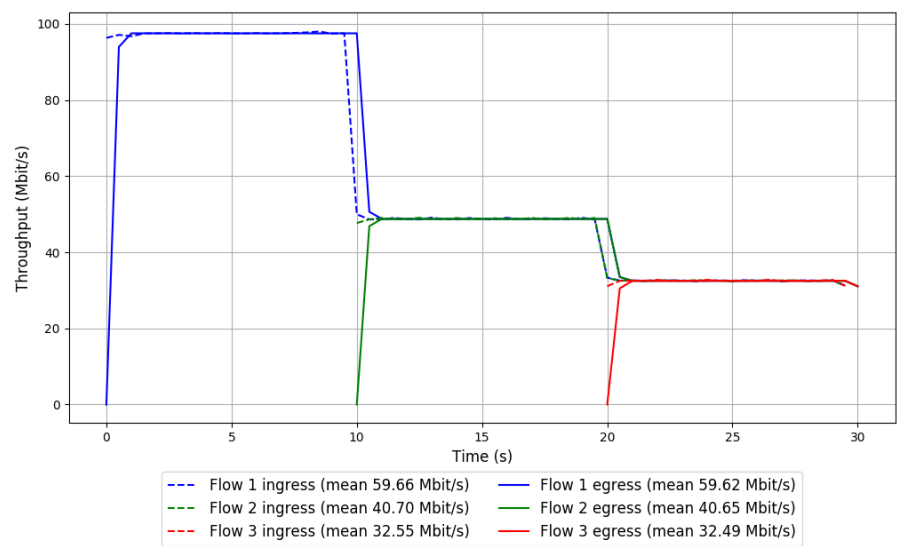


Run 5: Statistics of TCP Cubic

Start at: 2018-05-22 16:45:05
End at: 2018-05-22 16:45:35
Local clock offset: -6.49 ms
Remote clock offset: -8.932 ms

Below is generated by plot.py at 2018-05-22 18:34:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 9.694 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 59.62 Mbit/s
95th percentile per-packet one-way delay: 9.776 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 40.65 Mbit/s
95th percentile per-packet one-way delay: 9.629 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 32.49 Mbit/s
95th percentile per-packet one-way delay: 9.661 ms
Loss rate: 0.23%

Run 5: Report of TCP Cubic — Data Link

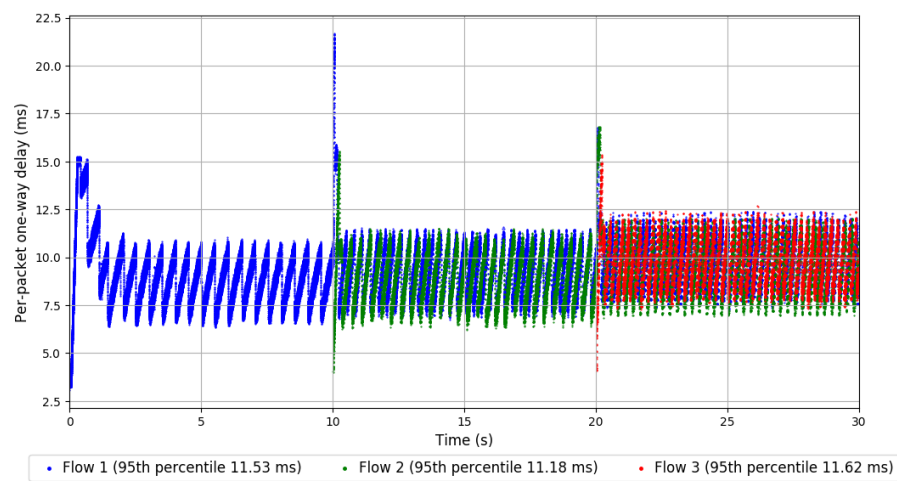
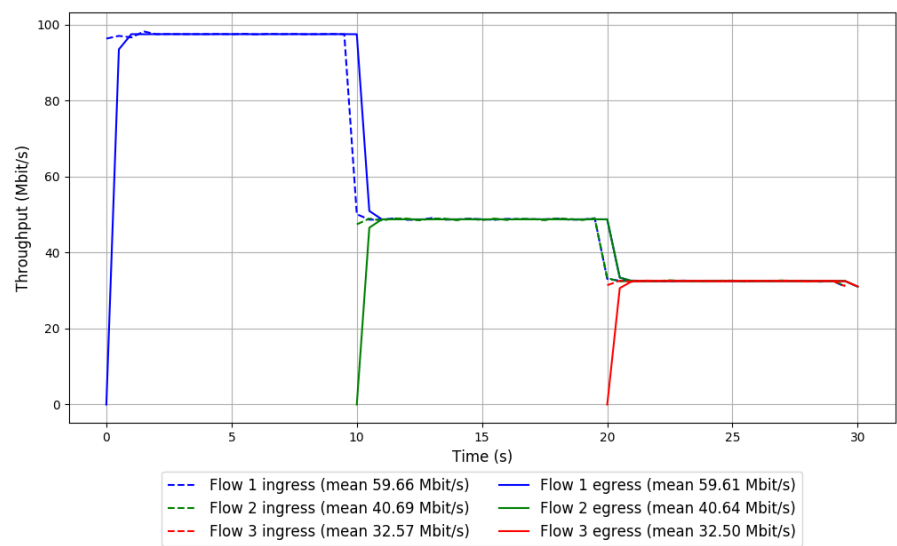


Run 6: Statistics of TCP Cubic

Start at: 2018-05-22 17:02:57
End at: 2018-05-22 17:03:27
Local clock offset: -5.065 ms
Remote clock offset: -3.517 ms

Below is generated by plot.py at 2018-05-22 18:34:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 11.473 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 59.61 Mbit/s
95th percentile per-packet one-way delay: 11.529 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 40.64 Mbit/s
95th percentile per-packet one-way delay: 11.175 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 32.50 Mbit/s
95th percentile per-packet one-way delay: 11.618 ms
Loss rate: 0.25%

Run 6: Report of TCP Cubic — Data Link

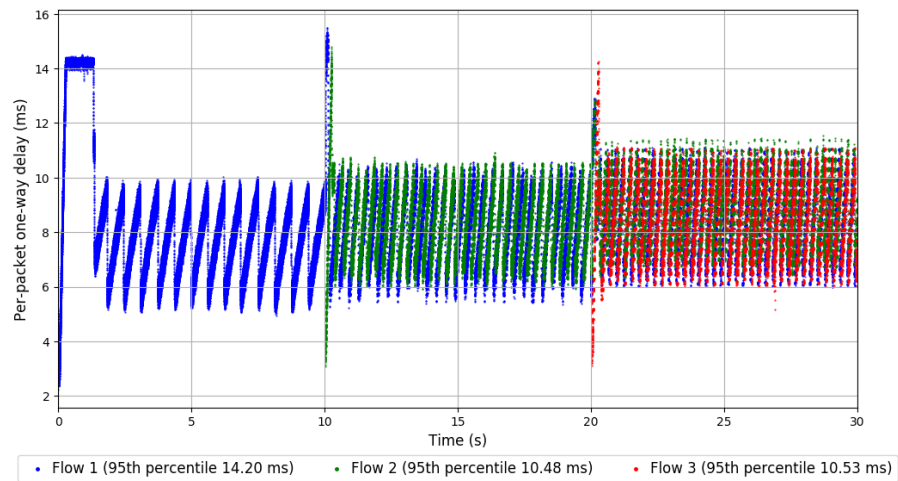
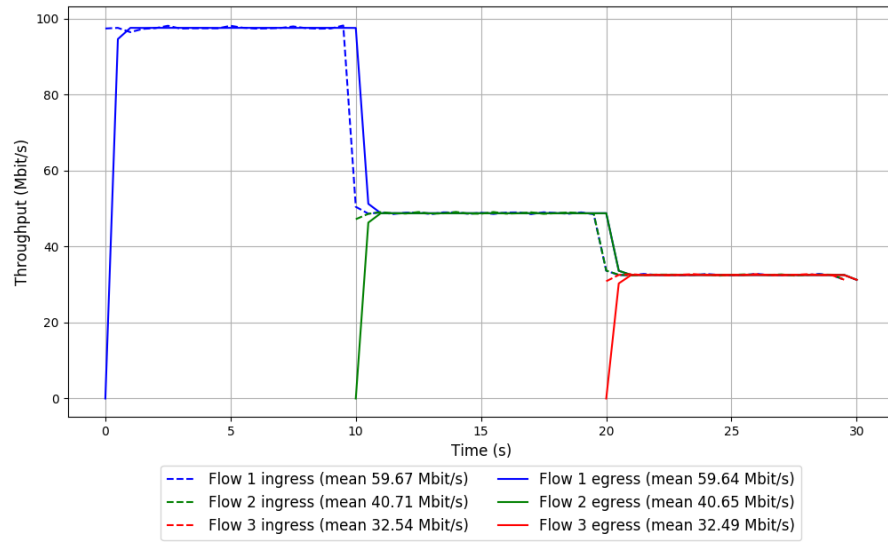


Run 7: Statistics of TCP Cubic

Start at: 2018-05-22 17:20:48
End at: 2018-05-22 17:21:18
Local clock offset: -6.03 ms
Remote clock offset: -2.036 ms

Below is generated by plot.py at 2018-05-22 18:34:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 10.829 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 59.64 Mbit/s
95th percentile per-packet one-way delay: 14.195 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 40.65 Mbit/s
95th percentile per-packet one-way delay: 10.480 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 32.49 Mbit/s
95th percentile per-packet one-way delay: 10.526 ms
Loss rate: 0.21%

Run 7: Report of TCP Cubic — Data Link

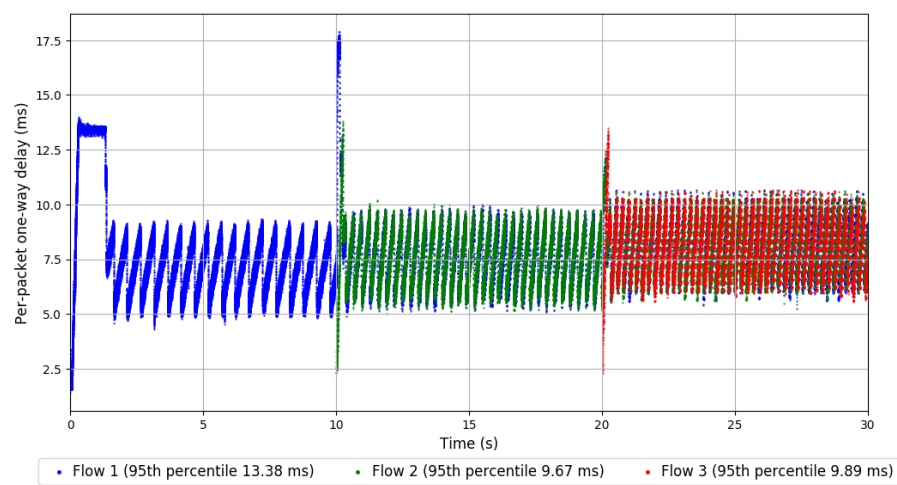
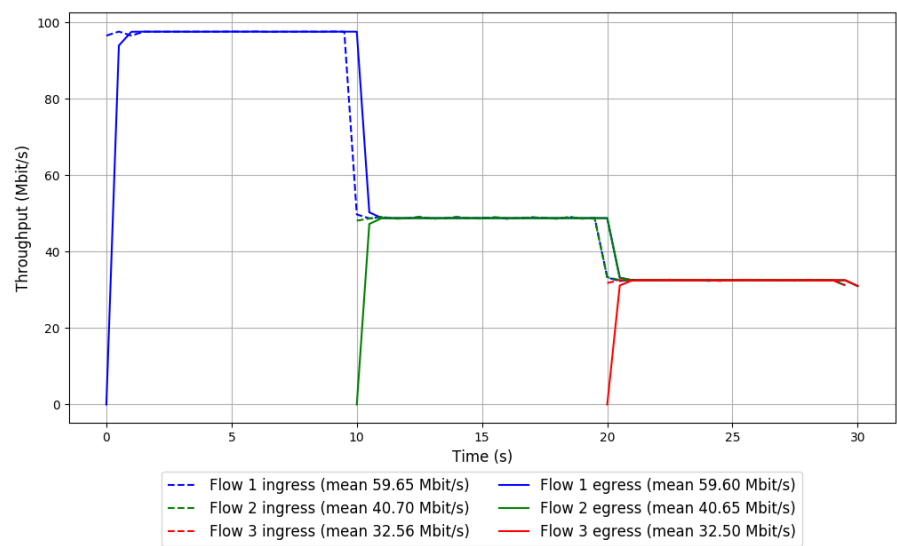


Run 8: Statistics of TCP Cubic

Start at: 2018-05-22 17:38:38
End at: 2018-05-22 17:39:08
Local clock offset: -6.815 ms
Remote clock offset: -1.917 ms

Below is generated by plot.py at 2018-05-22 18:34:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 10.191 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 59.60 Mbit/s
95th percentile per-packet one-way delay: 13.381 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 40.65 Mbit/s
95th percentile per-packet one-way delay: 9.669 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 32.50 Mbit/s
95th percentile per-packet one-way delay: 9.893 ms
Loss rate: 0.25%

Run 8: Report of TCP Cubic — Data Link

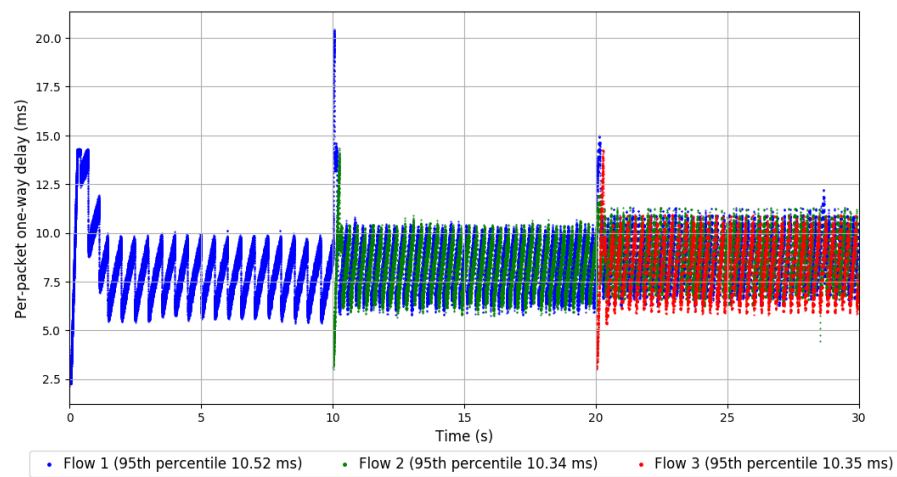
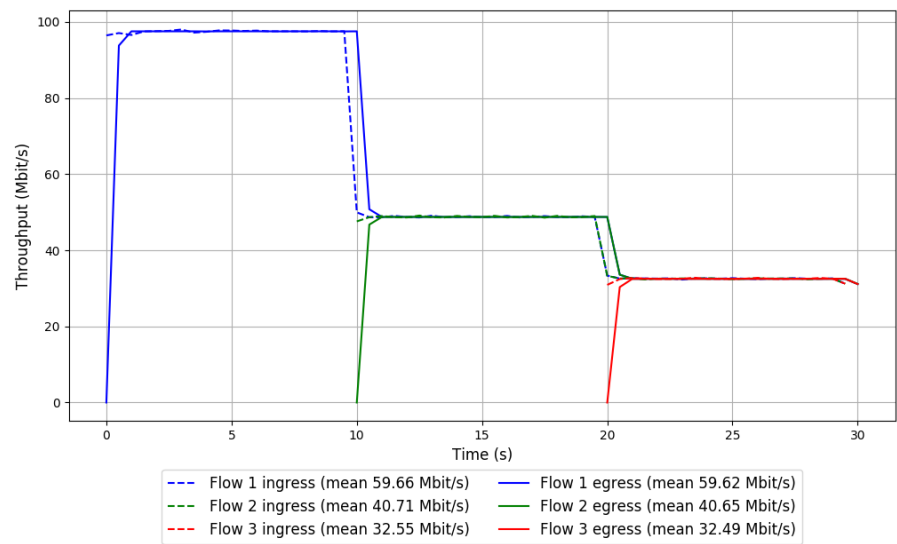


Run 9: Statistics of TCP Cubic

Start at: 2018-05-22 17:56:30
End at: 2018-05-22 17:57:00
Local clock offset: -6.047 ms
Remote clock offset: -1.737 ms

Below is generated by plot.py at 2018-05-22 18:34:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 10.418 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 59.62 Mbit/s
95th percentile per-packet one-way delay: 10.519 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 40.65 Mbit/s
95th percentile per-packet one-way delay: 10.343 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 32.49 Mbit/s
95th percentile per-packet one-way delay: 10.351 ms
Loss rate: 0.23%

Run 9: Report of TCP Cubic — Data Link

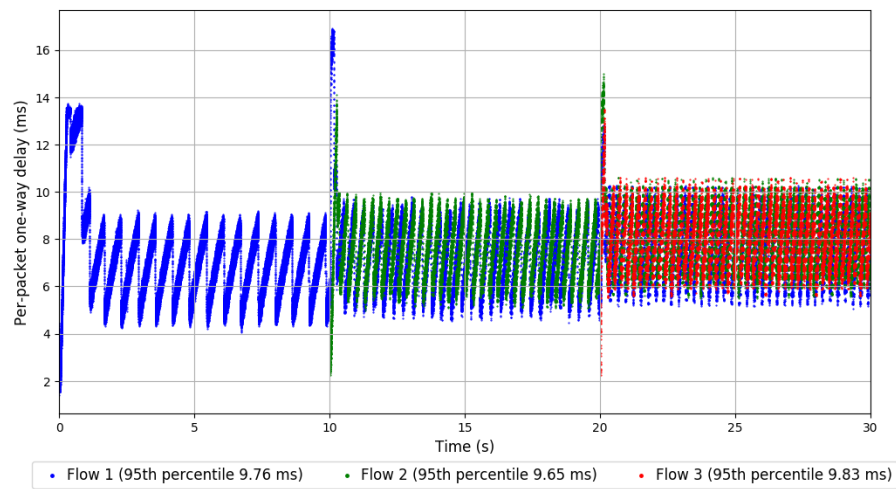
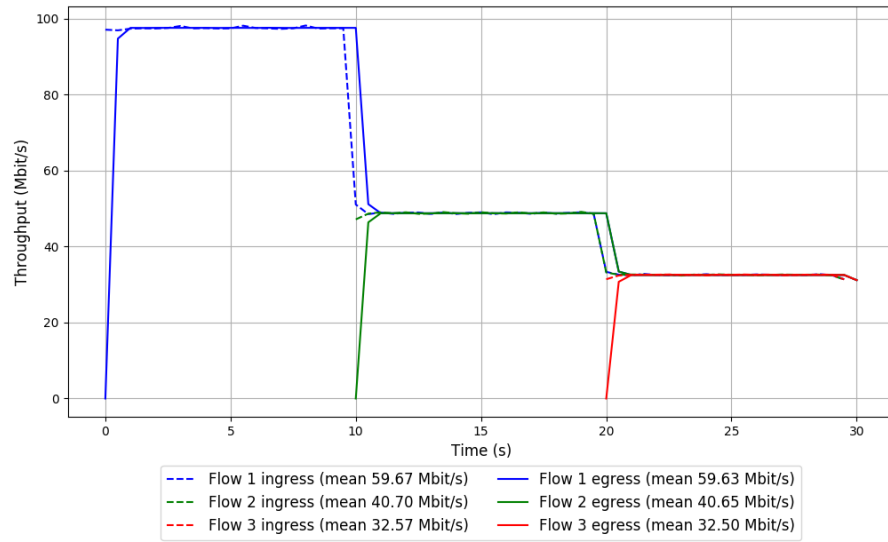


Run 10: Statistics of TCP Cubic

Start at: 2018-05-22 18:14:20
End at: 2018-05-22 18:14:50
Local clock offset: -6.624 ms
Remote clock offset: -3.166 ms

Below is generated by plot.py at 2018-05-22 18:34:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 9.731 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 59.63 Mbit/s
95th percentile per-packet one-way delay: 9.759 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 40.65 Mbit/s
95th percentile per-packet one-way delay: 9.649 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 32.50 Mbit/s
95th percentile per-packet one-way delay: 9.833 ms
Loss rate: 0.26%

Run 10: Report of TCP Cubic — Data Link

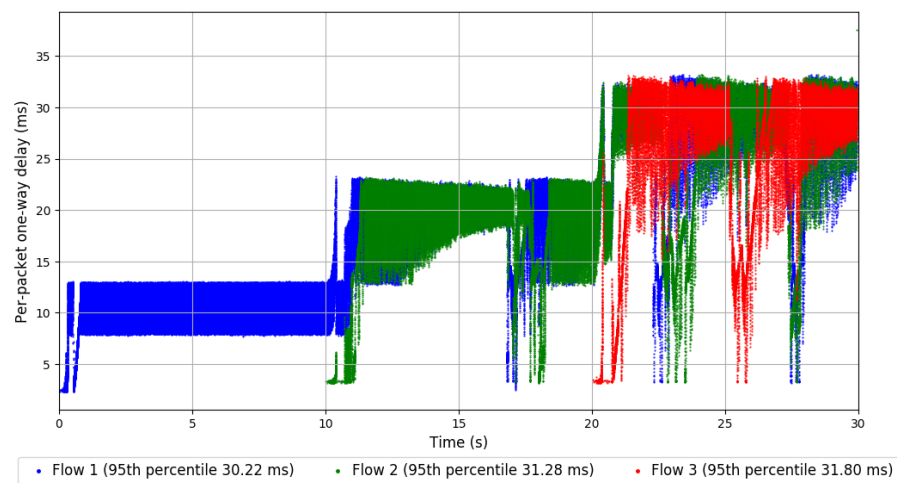
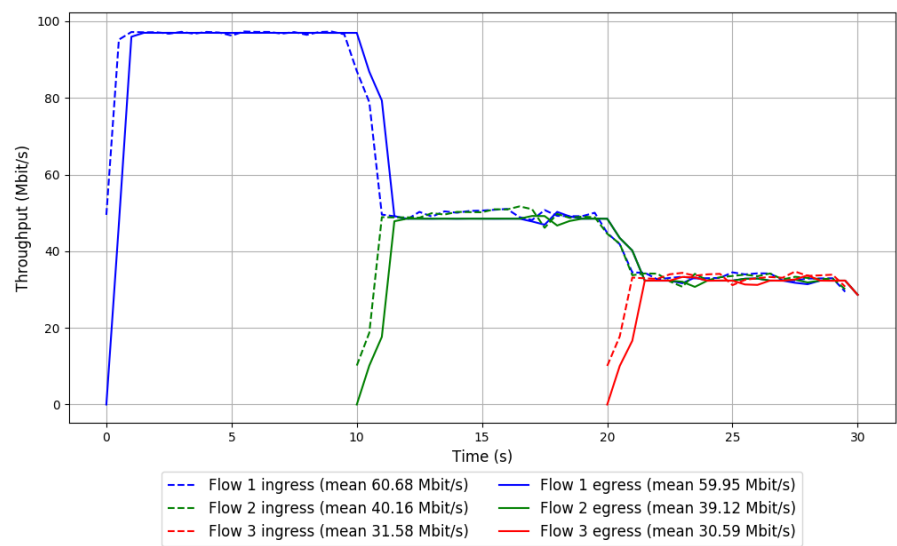


Run 1: Statistics of FillP

Start at: 2018-05-22 15:31:52
End at: 2018-05-22 15:32:22
Local clock offset: -6.029 ms
Remote clock offset: -2.296 ms

Below is generated by plot.py at 2018-05-22 18:35:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.10 Mbit/s
95th percentile per-packet one-way delay: 31.048 ms
Loss rate: 1.84%
-- Flow 1:
Average throughput: 59.95 Mbit/s
95th percentile per-packet one-way delay: 30.217 ms
Loss rate: 1.24%
-- Flow 2:
Average throughput: 39.12 Mbit/s
95th percentile per-packet one-way delay: 31.282 ms
Loss rate: 2.65%
-- Flow 3:
Average throughput: 30.59 Mbit/s
95th percentile per-packet one-way delay: 31.803 ms
Loss rate: 3.21%

Run 1: Report of FillP — Data Link

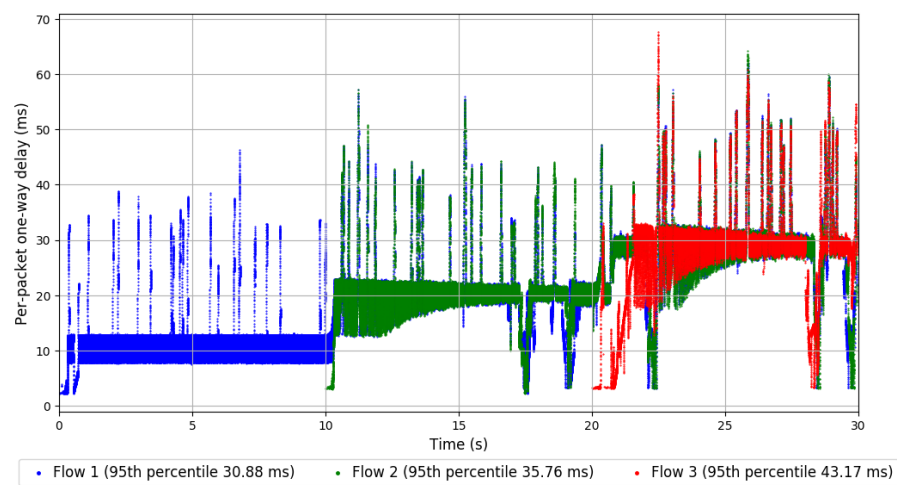
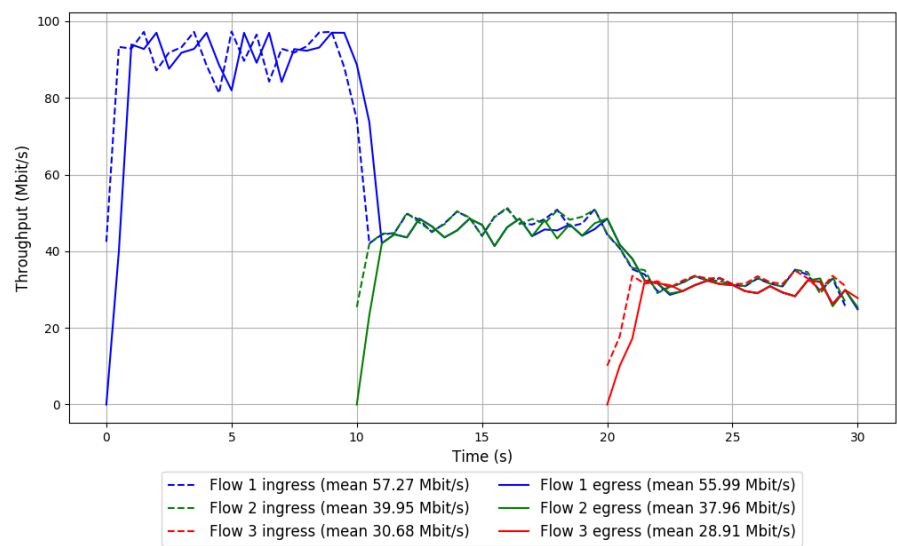


Run 2: Statistics of FillP

Start at: 2018-05-22 15:49:39
End at: 2018-05-22 15:50:09
Local clock offset: -6.154 ms
Remote clock offset: -2.672 ms

Below is generated by plot.py at 2018-05-22 18:35:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.82 Mbit/s
95th percentile per-packet one-way delay: 32.200 ms
Loss rate: 3.46%
-- Flow 1:
Average throughput: 55.99 Mbit/s
95th percentile per-packet one-way delay: 30.884 ms
Loss rate: 2.27%
-- Flow 2:
Average throughput: 37.96 Mbit/s
95th percentile per-packet one-way delay: 35.759 ms
Loss rate: 5.07%
-- Flow 3:
Average throughput: 28.91 Mbit/s
95th percentile per-packet one-way delay: 43.173 ms
Loss rate: 5.95%

Run 2: Report of FillP — Data Link

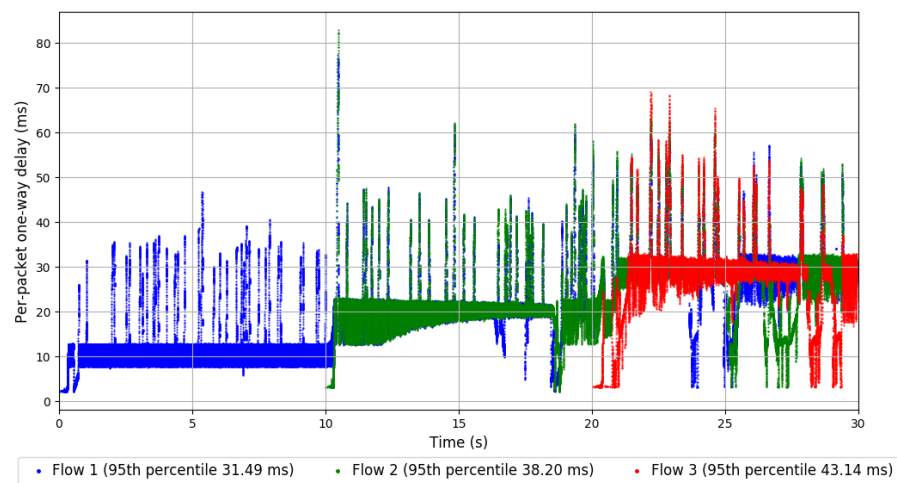
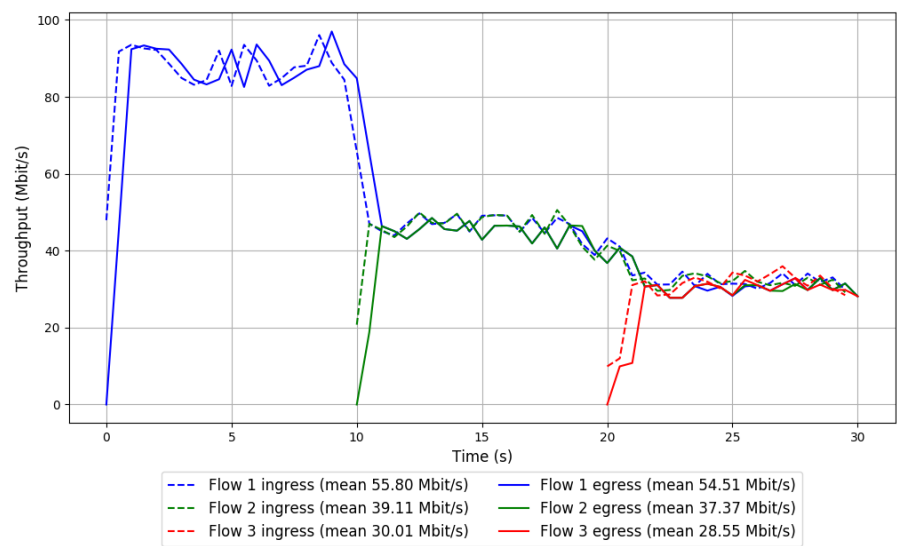


Run 3: Statistics of FillP

Start at: 2018-05-22 16:07:23
End at: 2018-05-22 16:07:53
Local clock offset: -6.052 ms
Remote clock offset: -2.739 ms

Below is generated by plot.py at 2018-05-22 18:35:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.82 Mbit/s
95th percentile per-packet one-way delay: 33.994 ms
Loss rate: 3.26%
-- Flow 1:
Average throughput: 54.51 Mbit/s
95th percentile per-packet one-way delay: 31.491 ms
Loss rate: 2.36%
-- Flow 2:
Average throughput: 37.37 Mbit/s
95th percentile per-packet one-way delay: 38.199 ms
Loss rate: 4.54%
-- Flow 3:
Average throughput: 28.55 Mbit/s
95th percentile per-packet one-way delay: 43.138 ms
Loss rate: 4.96%

Run 3: Report of FillP — Data Link

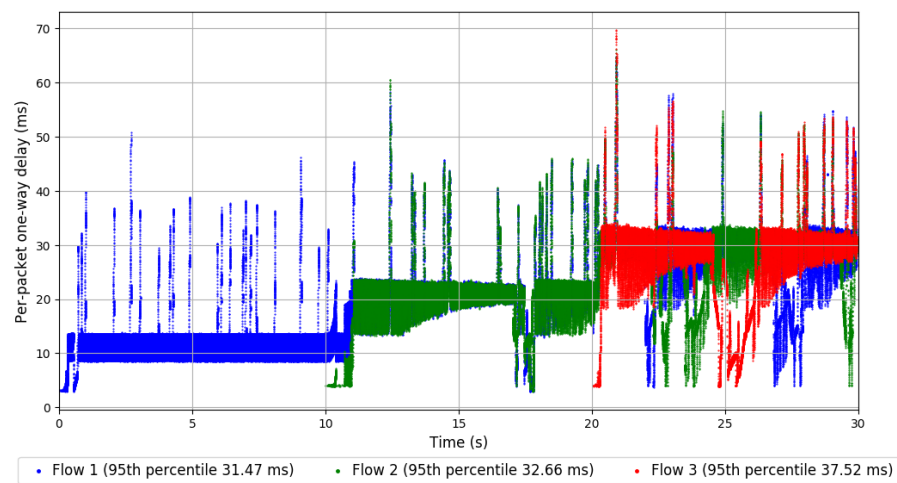
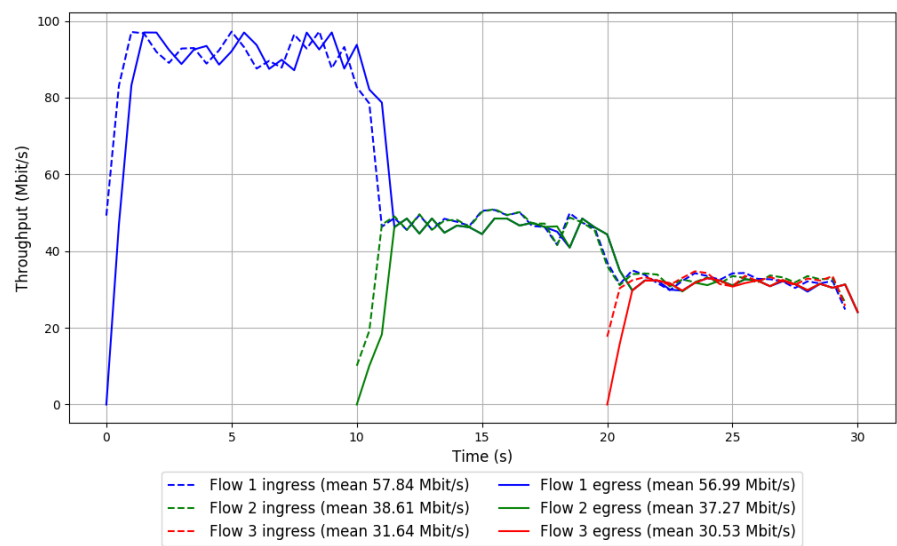


Run 4: Statistics of FillP

Start at: 2018-05-22 16:25:07
End at: 2018-05-22 16:25:37
Local clock offset: -5.249 ms
Remote clock offset: -7.061 ms

Below is generated by plot.py at 2018-05-22 18:35:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.90 Mbit/s
95th percentile per-packet one-way delay: 32.240 ms
Loss rate: 2.27%
-- Flow 1:
Average throughput: 56.99 Mbit/s
95th percentile per-packet one-way delay: 31.467 ms
Loss rate: 1.50%
-- Flow 2:
Average throughput: 37.27 Mbit/s
95th percentile per-packet one-way delay: 32.664 ms
Loss rate: 3.45%
-- Flow 3:
Average throughput: 30.53 Mbit/s
95th percentile per-packet one-way delay: 37.516 ms
Loss rate: 3.64%

Run 4: Report of FillP — Data Link

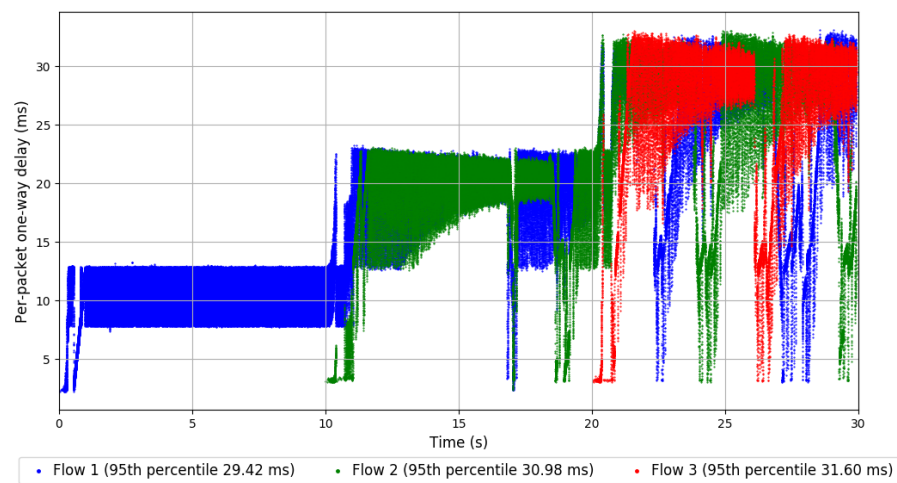
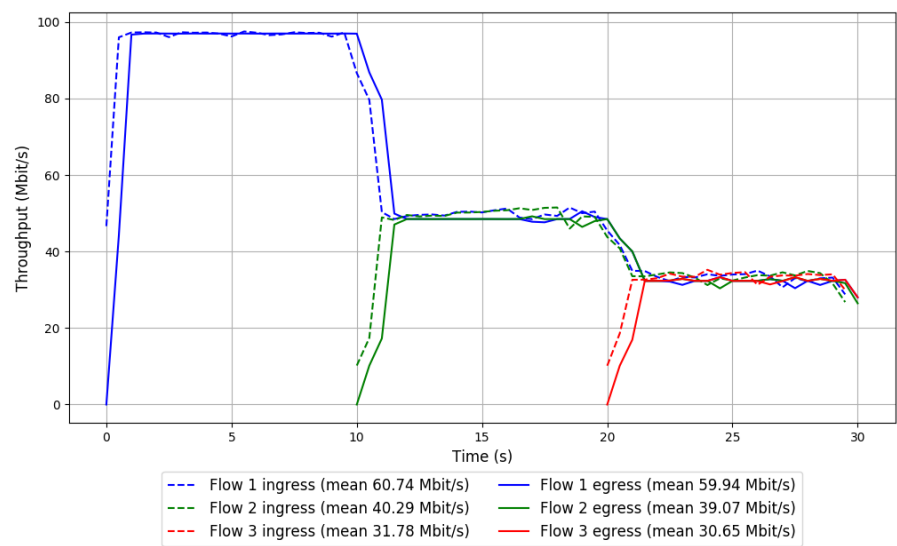


Run 5: Statistics of FillP

Start at: 2018-05-22 16:42:54
End at: 2018-05-22 16:43:24
Local clock offset: -5.681 ms
Remote clock offset: -8.843 ms

Below is generated by plot.py at 2018-05-22 18:36:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.08 Mbit/s
95th percentile per-packet one-way delay: 30.676 ms
Loss rate: 2.08%
-- Flow 1:
Average throughput: 59.94 Mbit/s
95th percentile per-packet one-way delay: 29.420 ms
Loss rate: 1.39%
-- Flow 2:
Average throughput: 39.07 Mbit/s
95th percentile per-packet one-way delay: 30.983 ms
Loss rate: 3.02%
-- Flow 3:
Average throughput: 30.65 Mbit/s
95th percentile per-packet one-way delay: 31.604 ms
Loss rate: 3.70%

Run 5: Report of FillP — Data Link

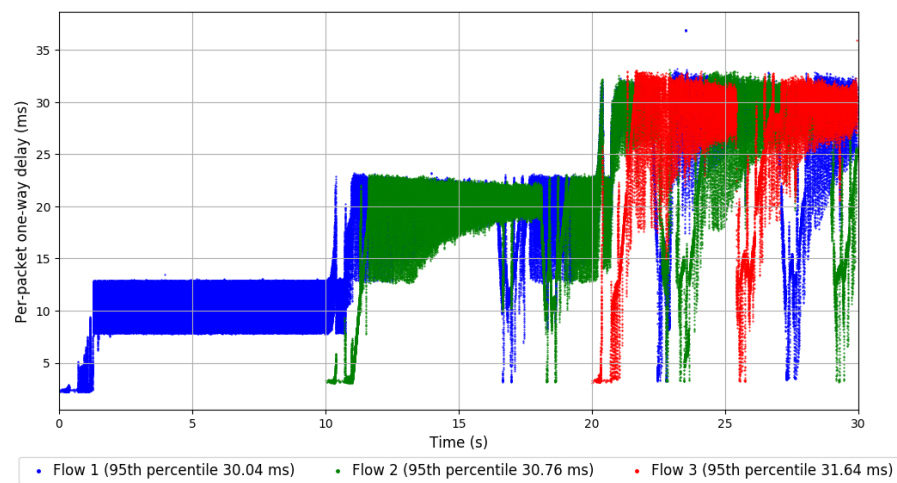
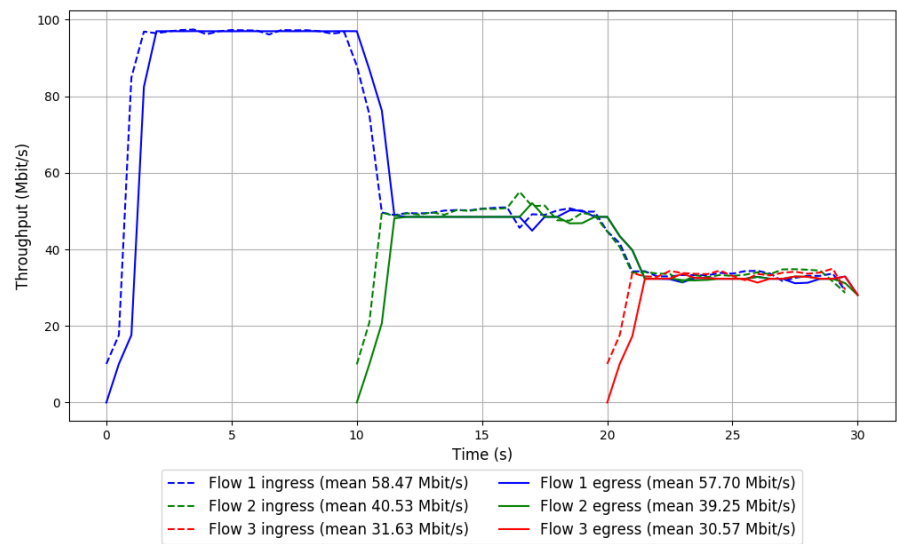


Run 6: Statistics of FillP

Start at: 2018-05-22 17:00:46
End at: 2018-05-22 17:01:16
Local clock offset: -5.772 ms
Remote clock offset: -3.748 ms

Below is generated by plot.py at 2018-05-22 18:36:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.95 Mbit/s
95th percentile per-packet one-way delay: 30.777 ms
Loss rate: 2.10%
-- Flow 1:
Average throughput: 57.70 Mbit/s
95th percentile per-packet one-way delay: 30.043 ms
Loss rate: 1.37%
-- Flow 2:
Average throughput: 39.25 Mbit/s
95th percentile per-packet one-way delay: 30.758 ms
Loss rate: 3.13%
-- Flow 3:
Average throughput: 30.57 Mbit/s
95th percentile per-packet one-way delay: 31.642 ms
Loss rate: 3.47%

Run 6: Report of FillP — Data Link

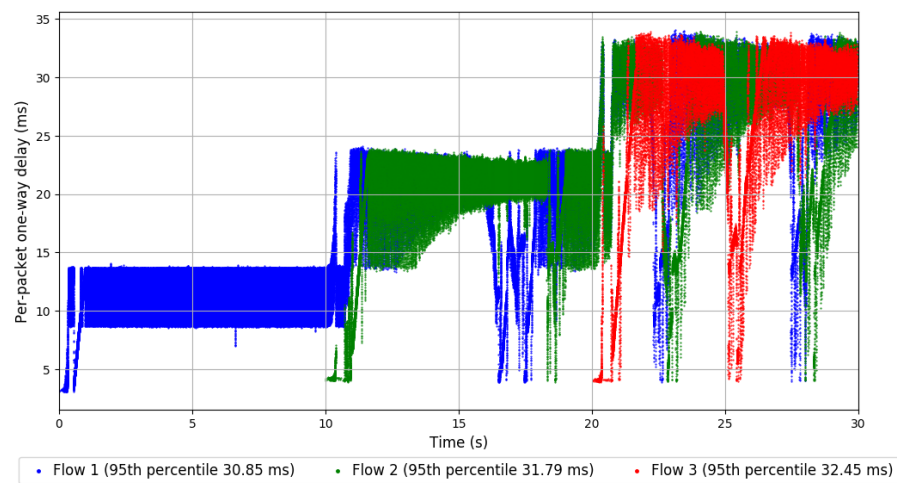
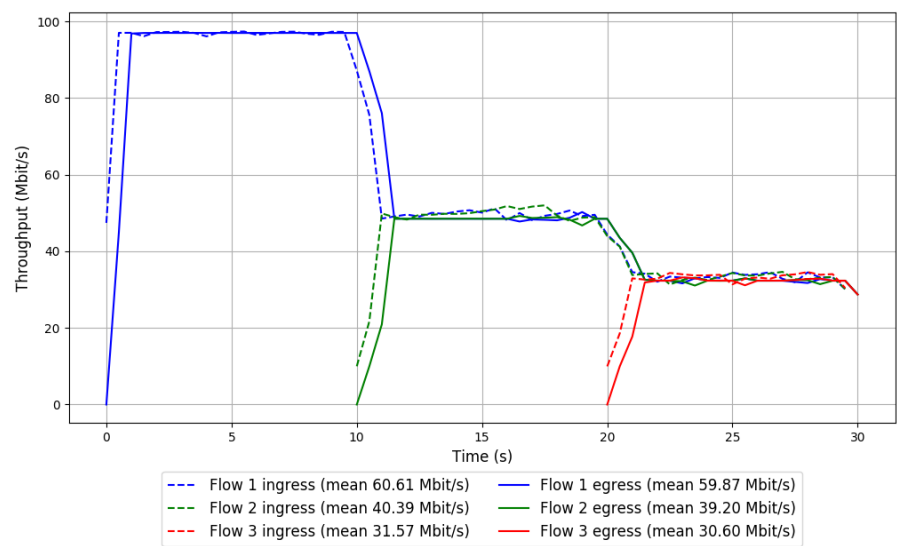


Run 7: Statistics of FillP

Start at: 2018-05-22 17:18:37
End at: 2018-05-22 17:19:07
Local clock offset: -5.264 ms
Remote clock offset: -2.23 ms

Below is generated by plot.py at 2018-05-22 18:36:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.10 Mbit/s
95th percentile per-packet one-way delay: 31.651 ms
Loss rate: 1.95%
-- Flow 1:
Average throughput: 59.87 Mbit/s
95th percentile per-packet one-way delay: 30.850 ms
Loss rate: 1.24%
-- Flow 2:
Average throughput: 39.20 Mbit/s
95th percentile per-packet one-way delay: 31.788 ms
Loss rate: 3.05%
-- Flow 3:
Average throughput: 30.60 Mbit/s
95th percentile per-packet one-way delay: 32.454 ms
Loss rate: 3.26%

Run 7: Report of FillP — Data Link

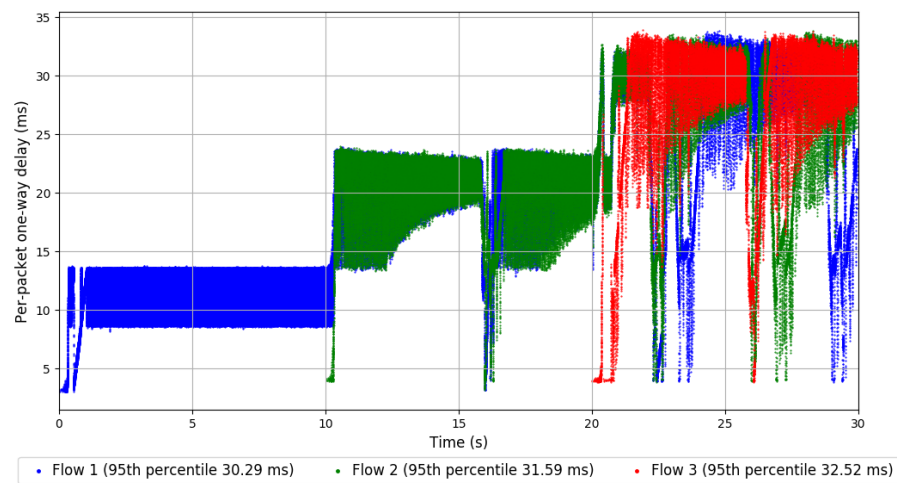
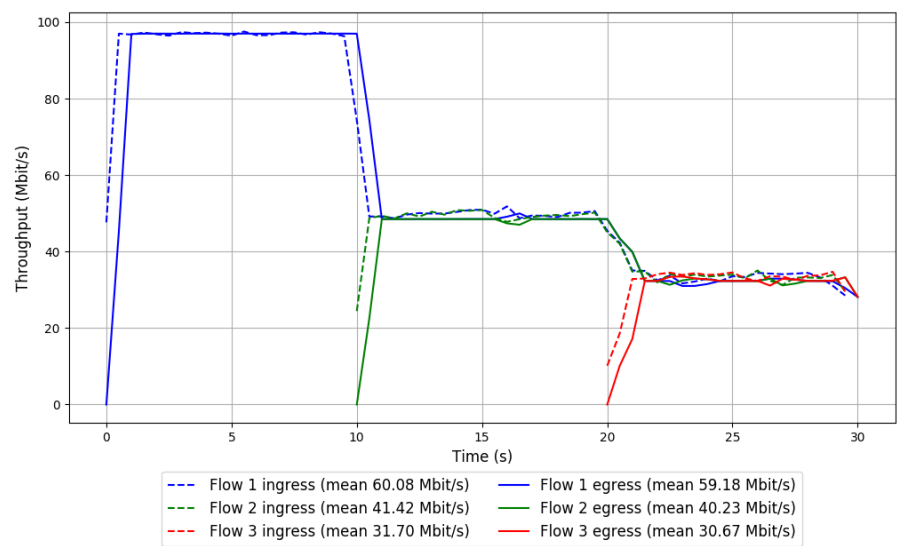


Run 8: Statistics of FillP

Start at: 2018-05-22 17:36:28
End at: 2018-05-22 17:36:58
Local clock offset: -5.225 ms
Remote clock offset: -1.947 ms

Below is generated by plot.py at 2018-05-22 18:36:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.11 Mbit/s
95th percentile per-packet one-way delay: 31.472 ms
Loss rate: 2.10%
-- Flow 1:
Average throughput: 59.18 Mbit/s
95th percentile per-packet one-way delay: 30.294 ms
Loss rate: 1.48%
-- Flow 2:
Average throughput: 40.23 Mbit/s
95th percentile per-packet one-way delay: 31.587 ms
Loss rate: 2.96%
-- Flow 3:
Average throughput: 30.67 Mbit/s
95th percentile per-packet one-way delay: 32.517 ms
Loss rate: 3.41%

Run 8: Report of FillP — Data Link

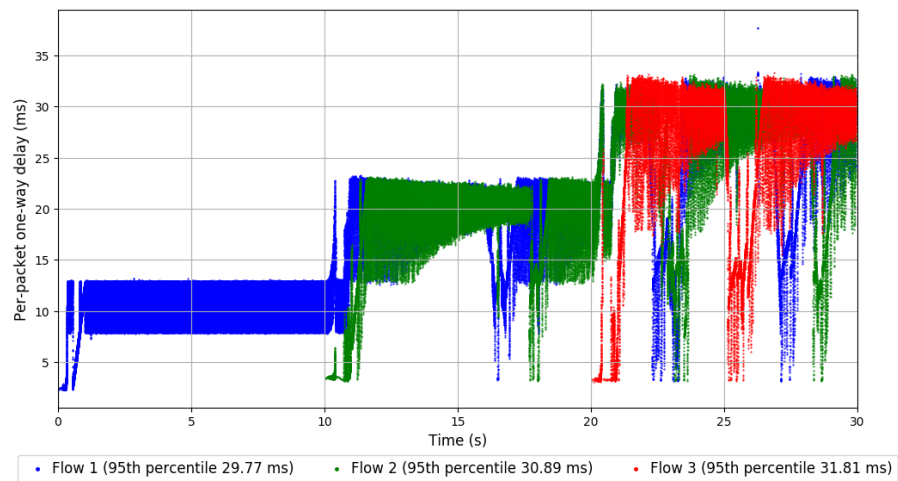
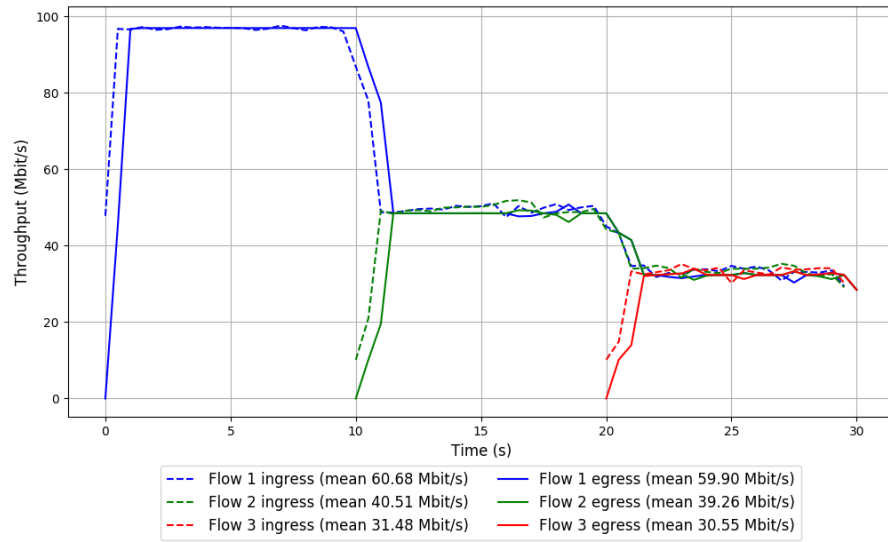


Run 9: Statistics of FillP

Start at: 2018-05-22 17:54:19
End at: 2018-05-22 17:54:49
Local clock offset: -5.968 ms
Remote clock offset: -1.466 ms

Below is generated by plot.py at 2018-05-22 18:36:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.12 Mbit/s
95th percentile per-packet one-way delay: 30.817 ms
Loss rate: 2.01%
-- Flow 1:
Average throughput: 59.90 Mbit/s
95th percentile per-packet one-way delay: 29.765 ms
Loss rate: 1.32%
-- Flow 2:
Average throughput: 39.26 Mbit/s
95th percentile per-packet one-way delay: 30.890 ms
Loss rate: 3.14%
-- Flow 3:
Average throughput: 30.55 Mbit/s
95th percentile per-packet one-way delay: 31.814 ms
Loss rate: 3.10%

Run 9: Report of FillP — Data Link

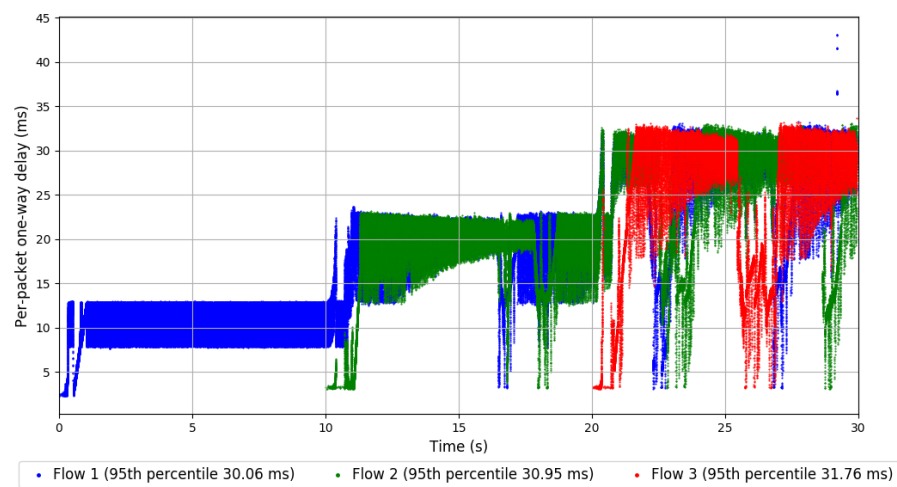
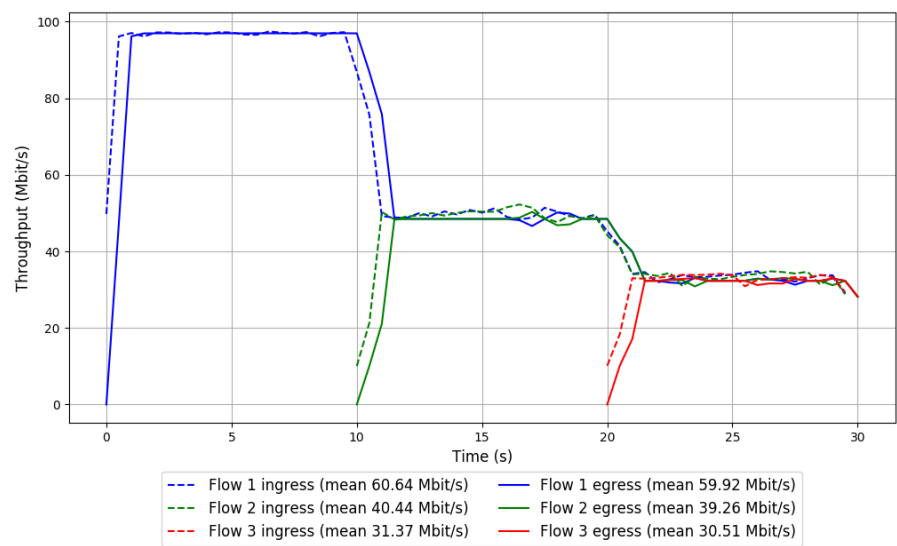


Run 10: Statistics of FillP

Start at: 2018-05-22 18:12:10
End at: 2018-05-22 18:12:40
Local clock offset: -5.798 ms
Remote clock offset: -3.118 ms

Below is generated by plot.py at 2018-05-22 18:36:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.14 Mbit/s
95th percentile per-packet one-way delay: 30.840 ms
Loss rate: 1.90%
-- Flow 1:
Average throughput: 59.92 Mbit/s
95th percentile per-packet one-way delay: 30.061 ms
Loss rate: 1.24%
-- Flow 2:
Average throughput: 39.26 Mbit/s
95th percentile per-packet one-way delay: 30.949 ms
Loss rate: 3.02%
-- Flow 3:
Average throughput: 30.51 Mbit/s
95th percentile per-packet one-way delay: 31.758 ms
Loss rate: 2.84%

Run 10: Report of FillP — Data Link

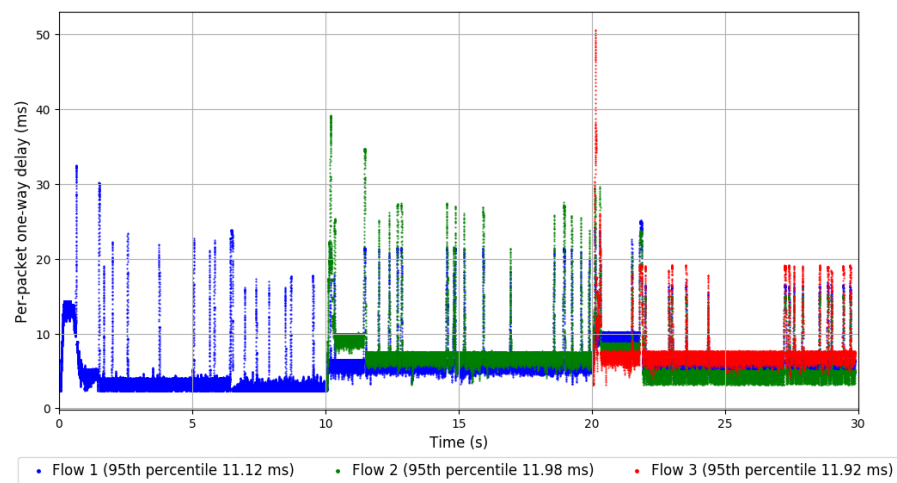
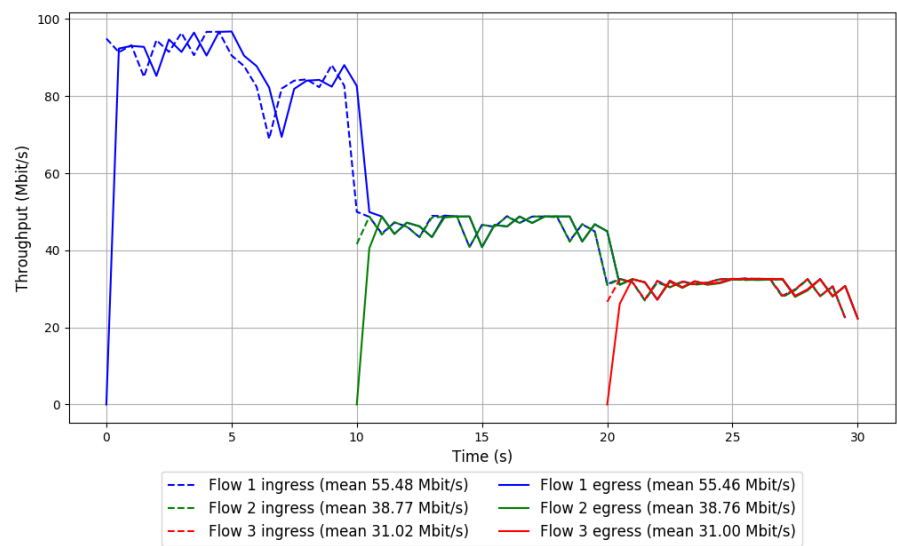


```
Run 1: Statistics of Indigo

Start at: 2018-05-22 15:45:08
End at: 2018-05-22 15:45:38
Local clock offset: -6.143 ms
Remote clock offset: -2.505 ms

# Below is generated by plot.py at 2018-05-22 18:36:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.42 Mbit/s
95th percentile per-packet one-way delay: 11.390 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 55.46 Mbit/s
95th percentile per-packet one-way delay: 11.116 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 38.76 Mbit/s
95th percentile per-packet one-way delay: 11.981 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 31.00 Mbit/s
95th percentile per-packet one-way delay: 11.918 ms
Loss rate: 0.09%
```


Run 1: Report of Indigo — Data Link

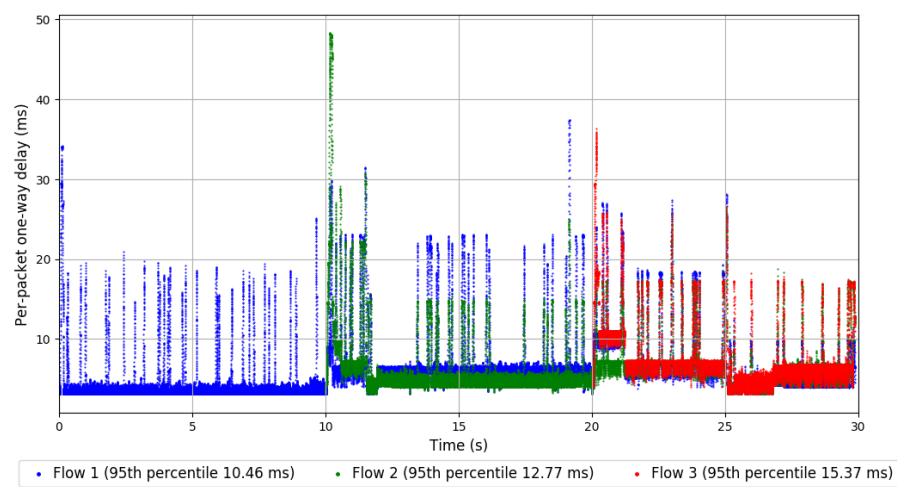
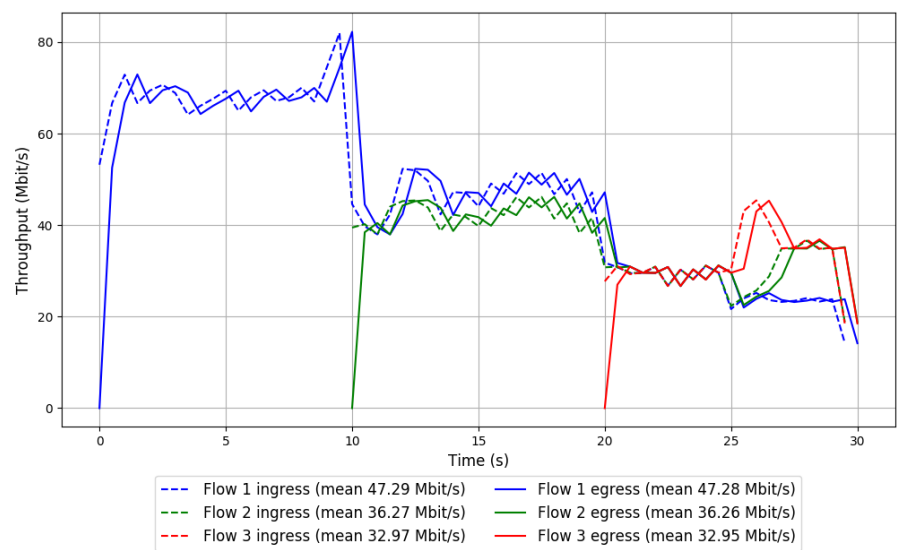


Run 2: Statistics of Indigo

Start at: 2018-05-22 16:02:52
End at: 2018-05-22 16:03:22
Local clock offset: -5.333 ms
Remote clock offset: -2.777 ms

Below is generated by plot.py at 2018-05-22 18:36:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.24 Mbit/s
95th percentile per-packet one-way delay: 11.401 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 47.28 Mbit/s
95th percentile per-packet one-way delay: 10.462 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 36.26 Mbit/s
95th percentile per-packet one-way delay: 12.771 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 32.95 Mbit/s
95th percentile per-packet one-way delay: 15.373 ms
Loss rate: 0.10%

Run 2: Report of Indigo — Data Link

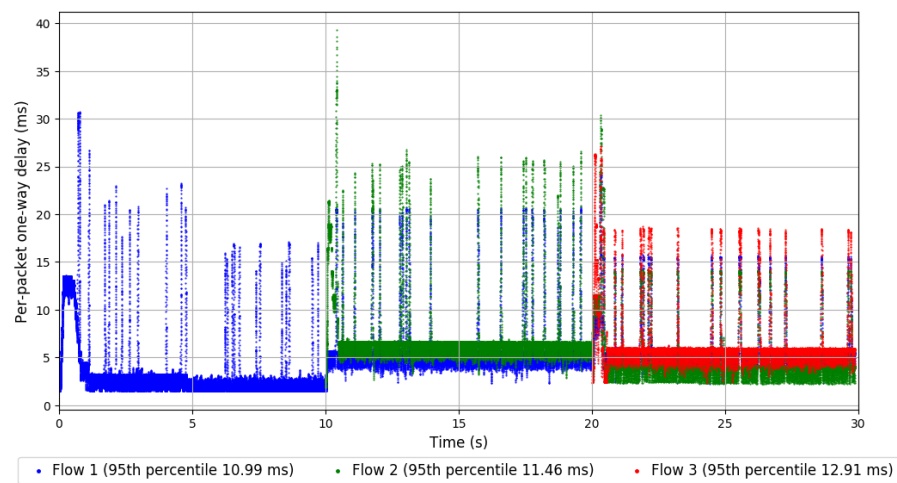
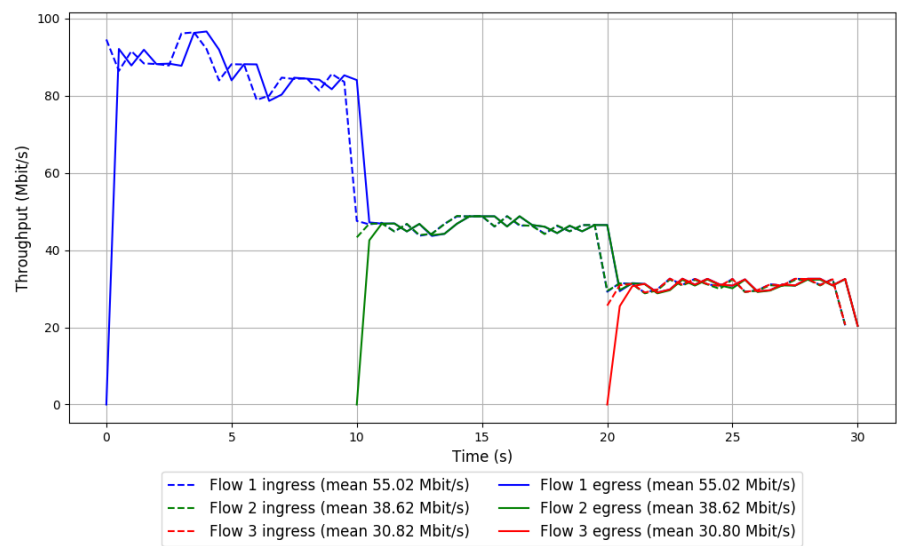


Run 3: Statistics of Indigo

Start at: 2018-05-22 16:20:35
End at: 2018-05-22 16:21:05
Local clock offset: -6.795 ms
Remote clock offset: -6.032 ms

Below is generated by plot.py at 2018-05-22 18:37:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.85 Mbit/s
95th percentile per-packet one-way delay: 11.433 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 55.02 Mbit/s
95th percentile per-packet one-way delay: 10.993 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 38.62 Mbit/s
95th percentile per-packet one-way delay: 11.464 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 30.80 Mbit/s
95th percentile per-packet one-way delay: 12.908 ms
Loss rate: 0.09%

Run 3: Report of Indigo — Data Link

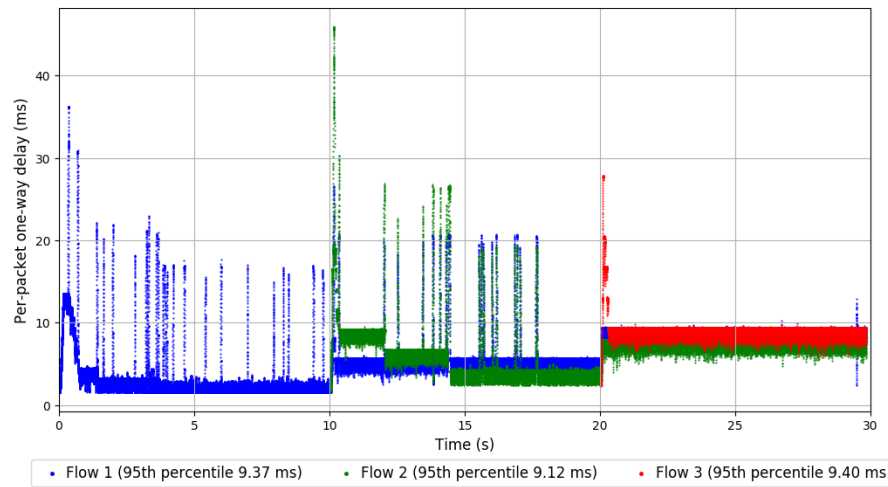
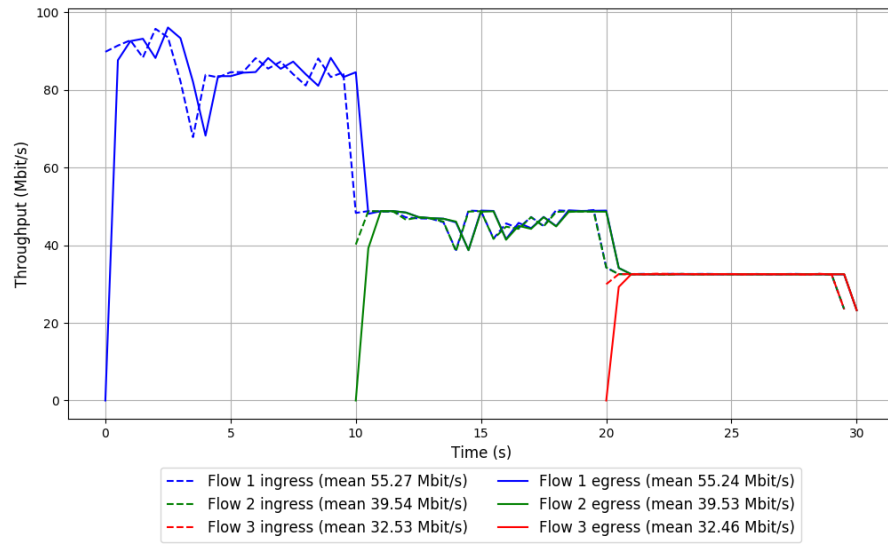


Run 4: Statistics of Indigo

Start at: 2018-05-22 16:38:21
End at: 2018-05-22 16:38:51
Local clock offset: -6.567 ms
Remote clock offset: -8.603 ms

Below is generated by plot.py at 2018-05-22 18:37:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.18 Mbit/s
95th percentile per-packet one-way delay: 9.368 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 55.24 Mbit/s
95th percentile per-packet one-way delay: 9.366 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 39.53 Mbit/s
95th percentile per-packet one-way delay: 9.117 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 32.46 Mbit/s
95th percentile per-packet one-way delay: 9.399 ms
Loss rate: 0.26%

Run 4: Report of Indigo — Data Link

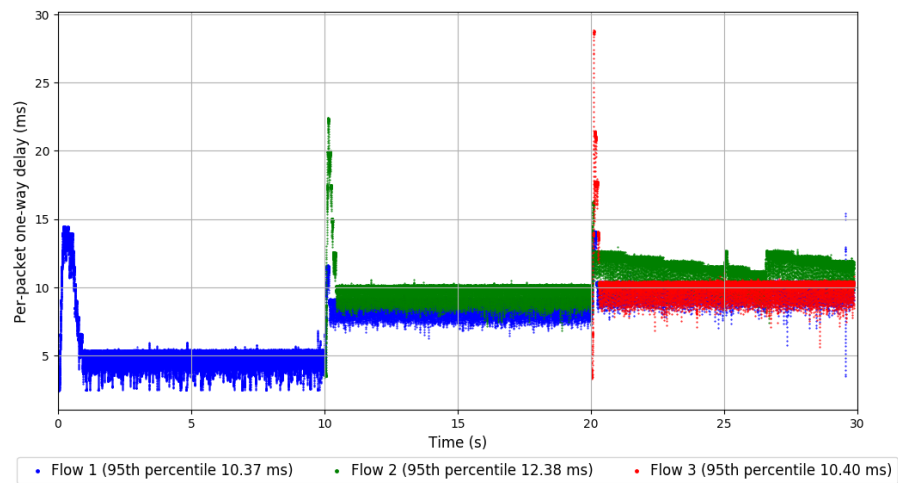
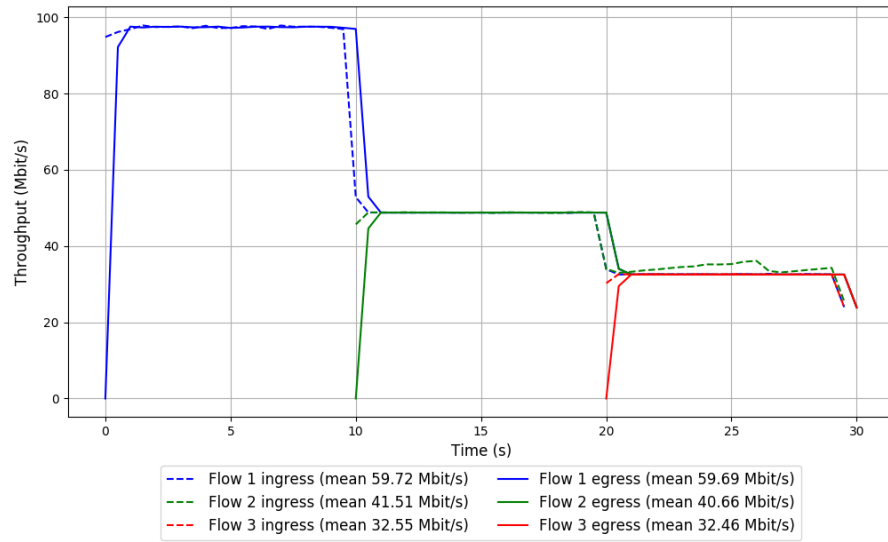


Run 5: Statistics of Indigo

Start at: 2018-05-22 16:56:11
End at: 2018-05-22 16:56:41
Local clock offset: -5.575 ms
Remote clock offset: -4.737 ms

Below is generated by plot.py at 2018-05-22 18:37:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.40 Mbit/s
95th percentile per-packet one-way delay: 12.080 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 59.69 Mbit/s
95th percentile per-packet one-way delay: 10.373 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 40.66 Mbit/s
95th percentile per-packet one-way delay: 12.380 ms
Loss rate: 2.09%
-- Flow 3:
Average throughput: 32.46 Mbit/s
95th percentile per-packet one-way delay: 10.400 ms
Loss rate: 0.30%

Run 5: Report of Indigo — Data Link

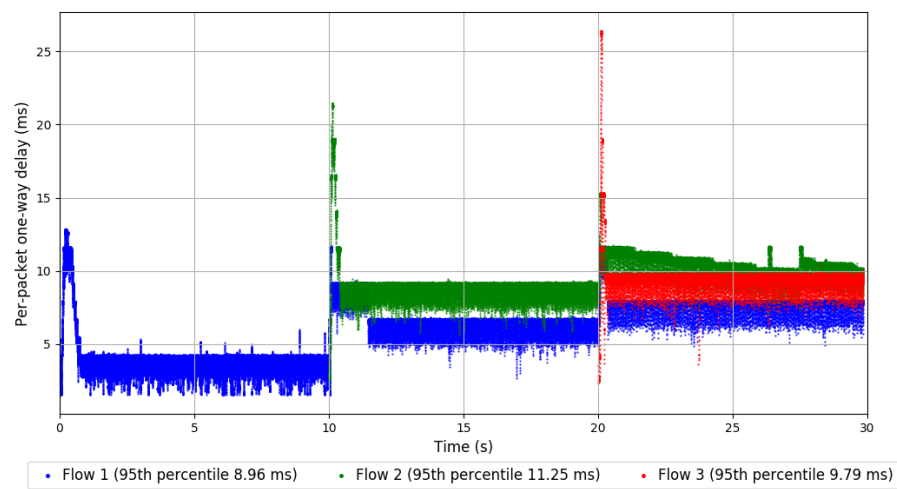
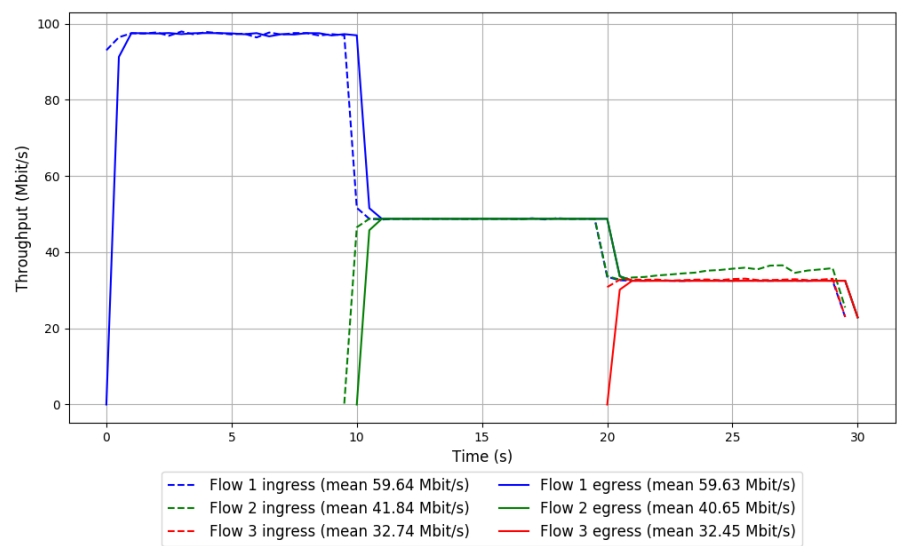


Run 6: Statistics of Indigo

Start at: 2018-05-22 17:14:03
End at: 2018-05-22 17:14:33
Local clock offset: -6.848 ms
Remote clock offset: -2.416 ms

Below is generated by plot.py at 2018-05-22 18:37:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.36 Mbit/s
95th percentile per-packet one-way delay: 10.713 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 59.63 Mbit/s
95th percentile per-packet one-way delay: 8.964 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 40.65 Mbit/s
95th percentile per-packet one-way delay: 11.253 ms
Loss rate: 2.85%
-- Flow 3:
Average throughput: 32.45 Mbit/s
95th percentile per-packet one-way delay: 9.785 ms
Loss rate: 0.90%

Run 6: Report of Indigo — Data Link

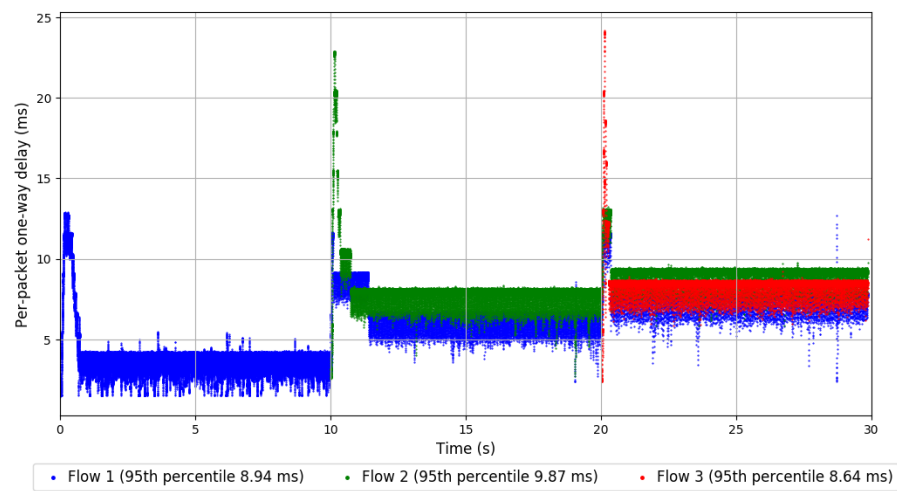
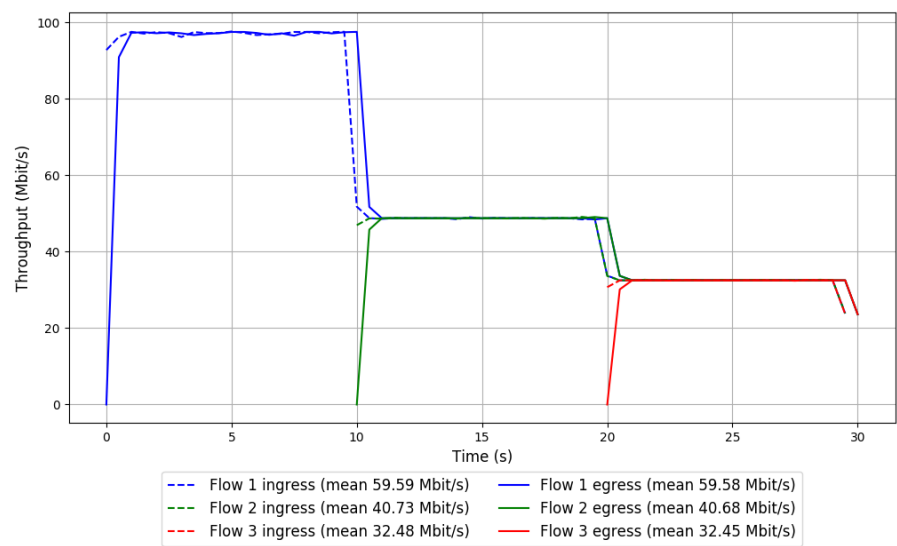


Run 7: Statistics of Indigo

Start at: 2018-05-22 17:31:54
End at: 2018-05-22 17:32:24
Local clock offset: -6.839 ms
Remote clock offset: -2.049 ms

Below is generated by plot.py at 2018-05-22 18:37:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.32 Mbit/s
95th percentile per-packet one-way delay: 9.301 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 59.58 Mbit/s
95th percentile per-packet one-way delay: 8.936 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 40.68 Mbit/s
95th percentile per-packet one-way delay: 9.867 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 32.45 Mbit/s
95th percentile per-packet one-way delay: 8.638 ms
Loss rate: 0.10%

Run 7: Report of Indigo — Data Link



Run 8: Statistics of Indigo

Start at: 2018-05-22 17:49:45

End at: 2018-05-22 17:50:15

Local clock offset: -6.042 ms

Remote clock offset: -1.61 ms

Below is generated by plot.py at 2018-05-22 18:37:51

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.38 Mbit/s

95th percentile per-packet one-way delay: 10.193 ms

Loss rate: 0.13%

-- Flow 1:

Average throughput: 59.64 Mbit/s

95th percentile per-packet one-way delay: 10.173 ms

Loss rate: 0.07%

-- Flow 2:

Average throughput: 40.69 Mbit/s

95th percentile per-packet one-way delay: 10.309 ms

Loss rate: 0.28%

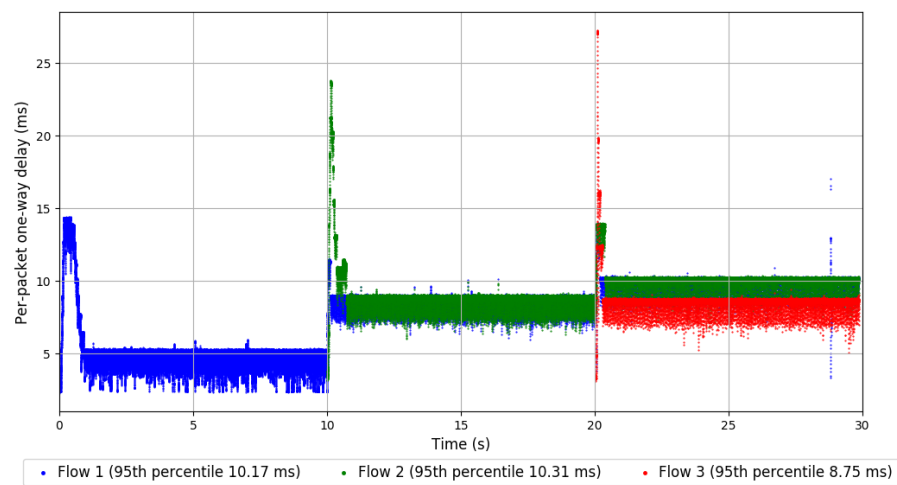
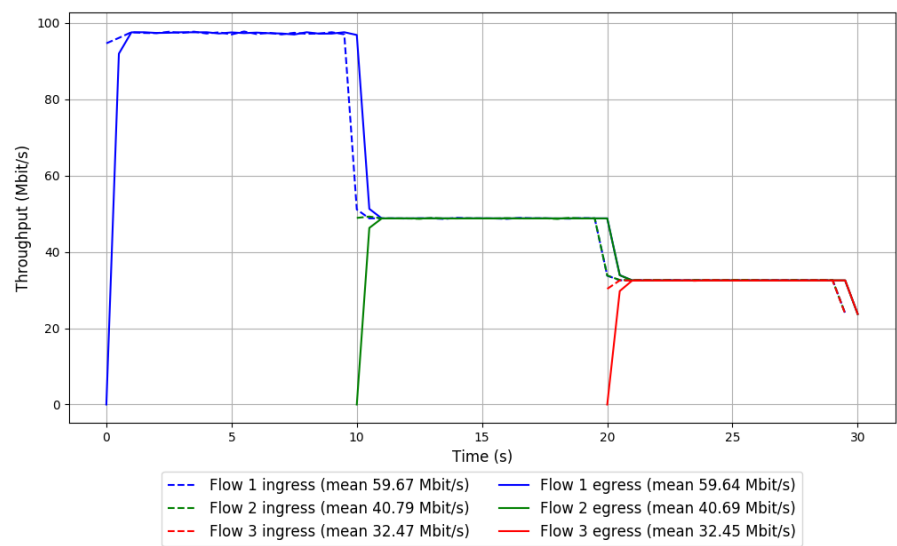
-- Flow 3:

Average throughput: 32.45 Mbit/s

95th percentile per-packet one-way delay: 8.751 ms

Loss rate: 0.10%

Run 8: Report of Indigo — Data Link

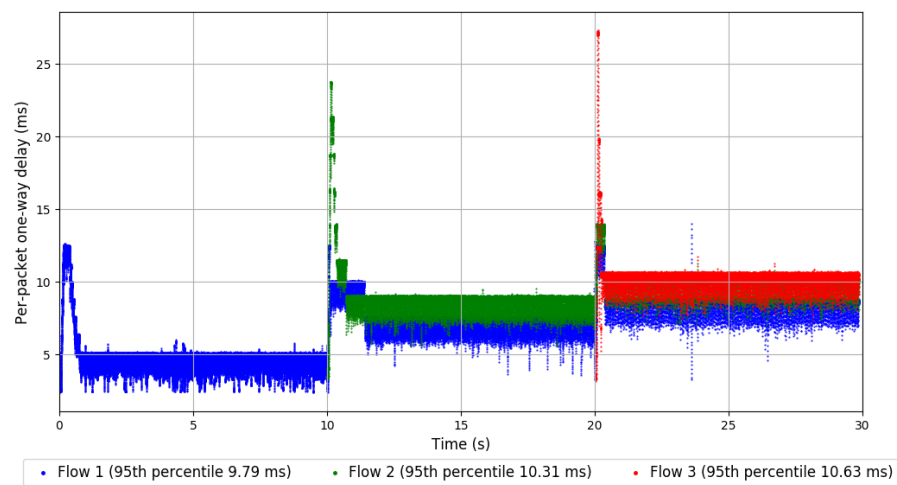
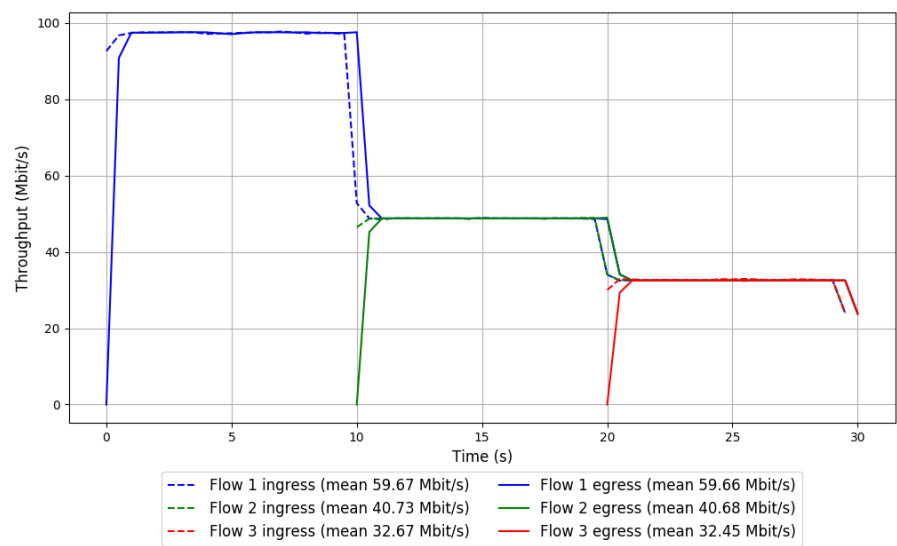


Run 9: Statistics of Indigo

Start at: 2018-05-22 18:07:36
End at: 2018-05-22 18:08:06
Local clock offset: -5.847 ms
Remote clock offset: -2.947 ms

Below is generated by plot.py at 2018-05-22 18:38:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.39 Mbit/s
95th percentile per-packet one-way delay: 10.553 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 59.66 Mbit/s
95th percentile per-packet one-way delay: 9.786 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 40.68 Mbit/s
95th percentile per-packet one-way delay: 10.311 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 32.45 Mbit/s
95th percentile per-packet one-way delay: 10.633 ms
Loss rate: 0.73%

Run 9: Report of Indigo — Data Link

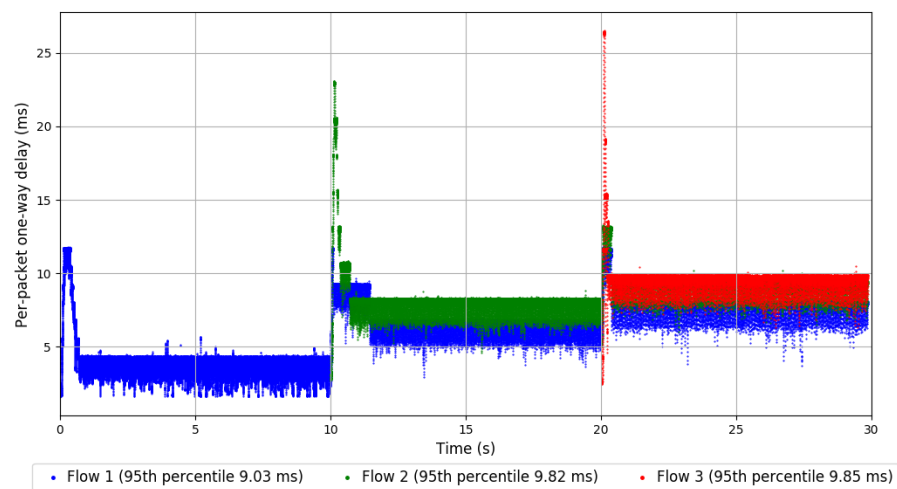
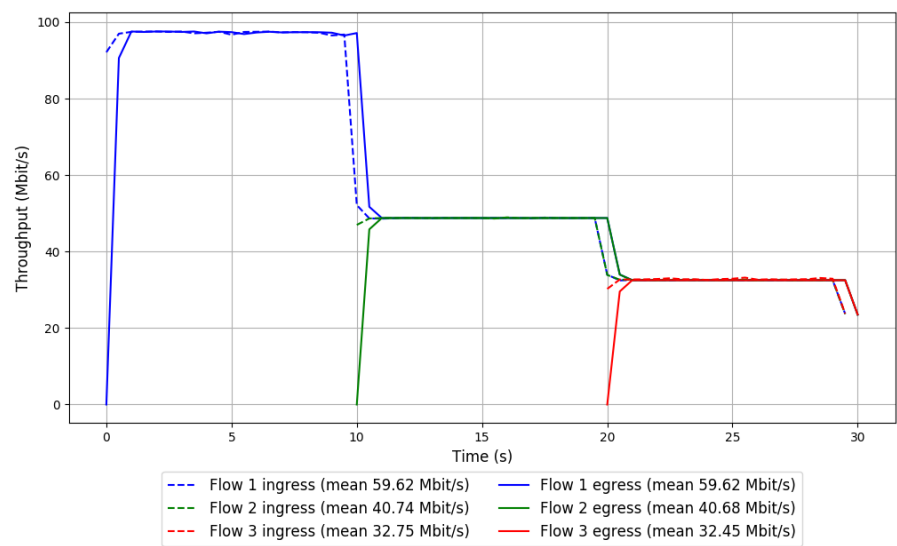


Run 10: Statistics of Indigo

Start at: 2018-05-22 18:25:26
End at: 2018-05-22 18:25:56
Local clock offset: -6.495 ms
Remote clock offset: -3.517 ms

Below is generated by plot.py at 2018-05-22 18:38:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.35 Mbit/s
95th percentile per-packet one-way delay: 9.760 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 59.62 Mbit/s
95th percentile per-packet one-way delay: 9.027 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 40.68 Mbit/s
95th percentile per-packet one-way delay: 9.821 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 32.45 Mbit/s
95th percentile per-packet one-way delay: 9.848 ms
Loss rate: 0.98%

Run 10: Report of Indigo — Data Link

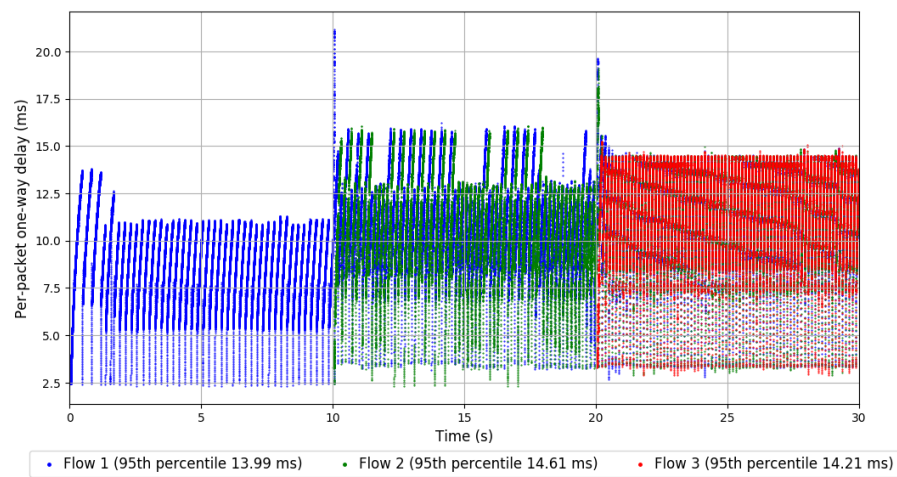
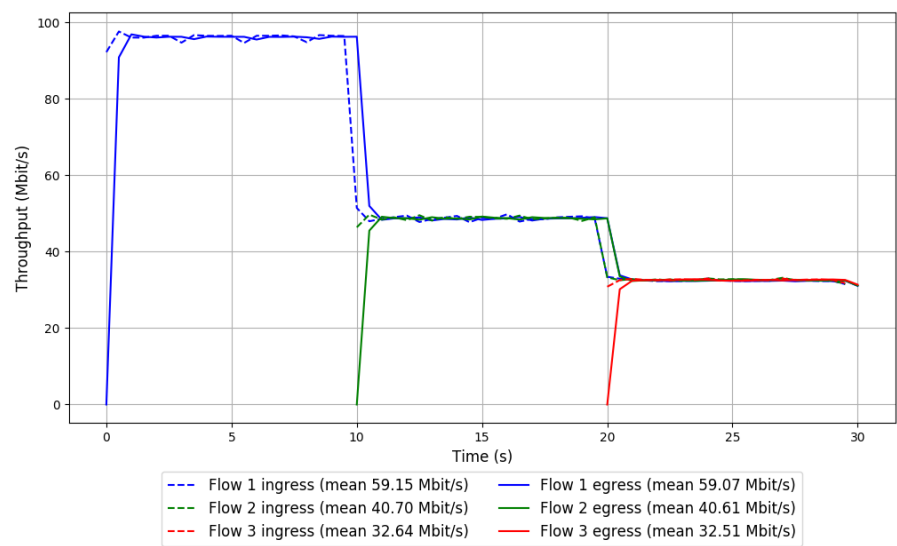


Run 1: Statistics of LEDBAT

Start at: 2018-05-22 15:37:28
End at: 2018-05-22 15:37:58
Local clock offset: -6.084 ms
Remote clock offset: -2.037 ms

Below is generated by plot.py at 2018-05-22 18:38:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.92 Mbit/s
95th percentile per-packet one-way delay: 14.203 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 59.07 Mbit/s
95th percentile per-packet one-way delay: 13.987 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 40.61 Mbit/s
95th percentile per-packet one-way delay: 14.612 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 32.51 Mbit/s
95th percentile per-packet one-way delay: 14.210 ms
Loss rate: 0.42%

Run 1: Report of LEDBAT — Data Link

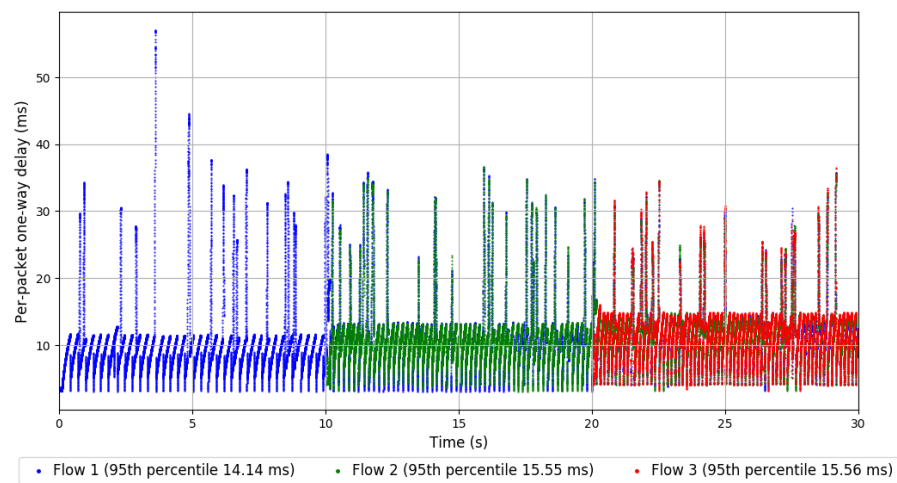
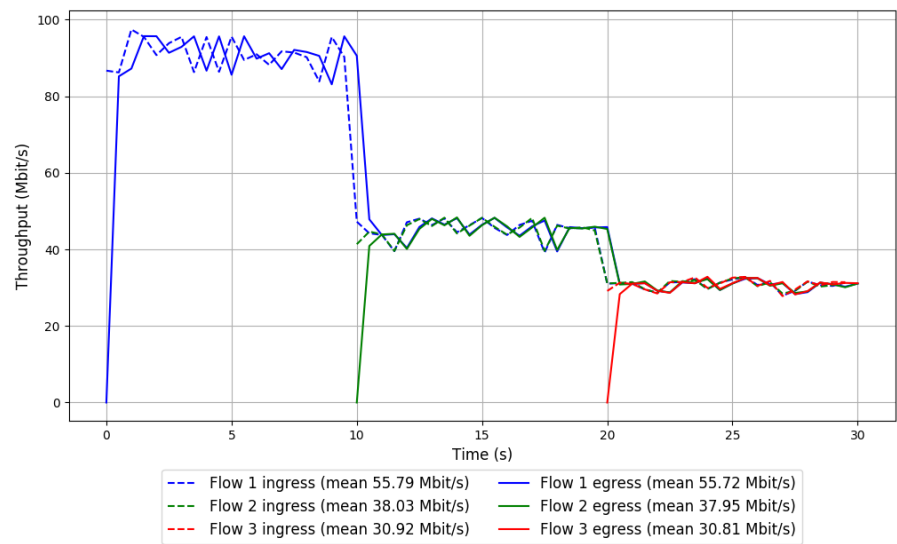


Run 2: Statistics of LEDBAT

Start at: 2018-05-22 15:55:12
End at: 2018-05-22 15:55:42
Local clock offset: -5.413 ms
Remote clock offset: -2.847 ms

Below is generated by plot.py at 2018-05-22 18:38:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.23 Mbit/s
95th percentile per-packet one-way delay: 14.478 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 55.72 Mbit/s
95th percentile per-packet one-way delay: 14.142 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 37.95 Mbit/s
95th percentile per-packet one-way delay: 15.552 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 30.81 Mbit/s
95th percentile per-packet one-way delay: 15.556 ms
Loss rate: 0.40%

Run 2: Report of LEDBAT — Data Link

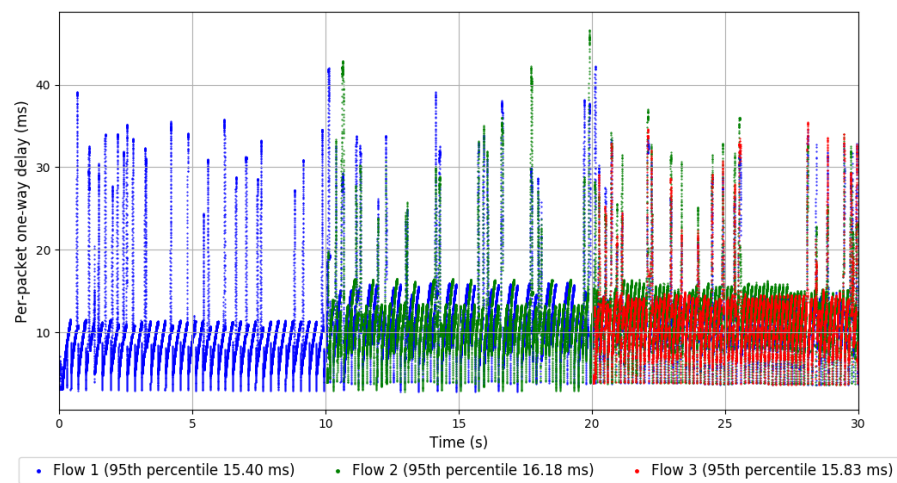
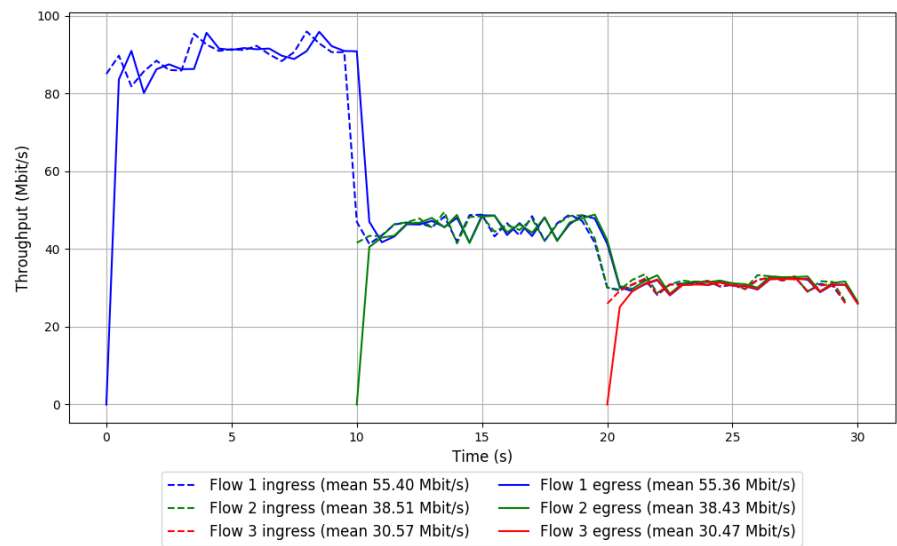


Run 3: Statistics of LEDBAT

Start at: 2018-05-22 16:12:55
End at: 2018-05-22 16:13:25
Local clock offset: -5.266 ms
Remote clock offset: -3.028 ms

Below is generated by plot.py at 2018-05-22 18:38:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.07 Mbit/s
95th percentile per-packet one-way delay: 15.801 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 55.36 Mbit/s
95th percentile per-packet one-way delay: 15.397 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 38.43 Mbit/s
95th percentile per-packet one-way delay: 16.180 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 30.47 Mbit/s
95th percentile per-packet one-way delay: 15.832 ms
Loss rate: 0.37%

Run 3: Report of LEDBAT — Data Link

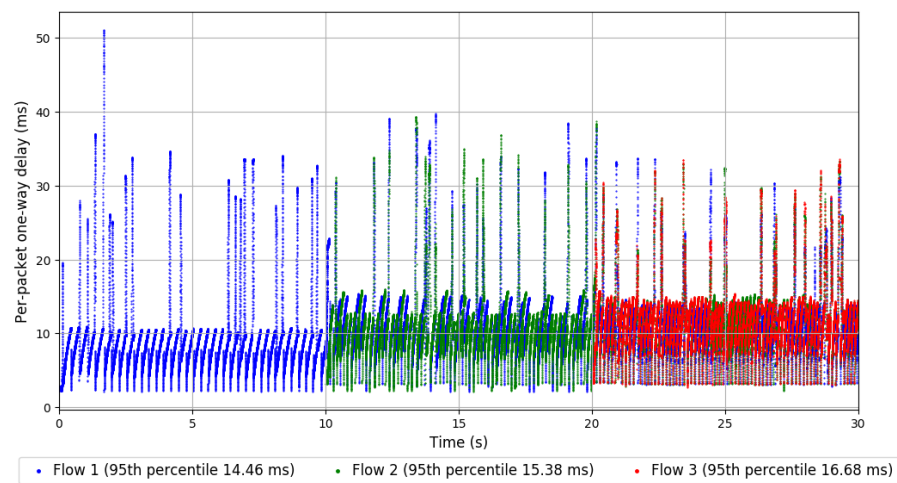
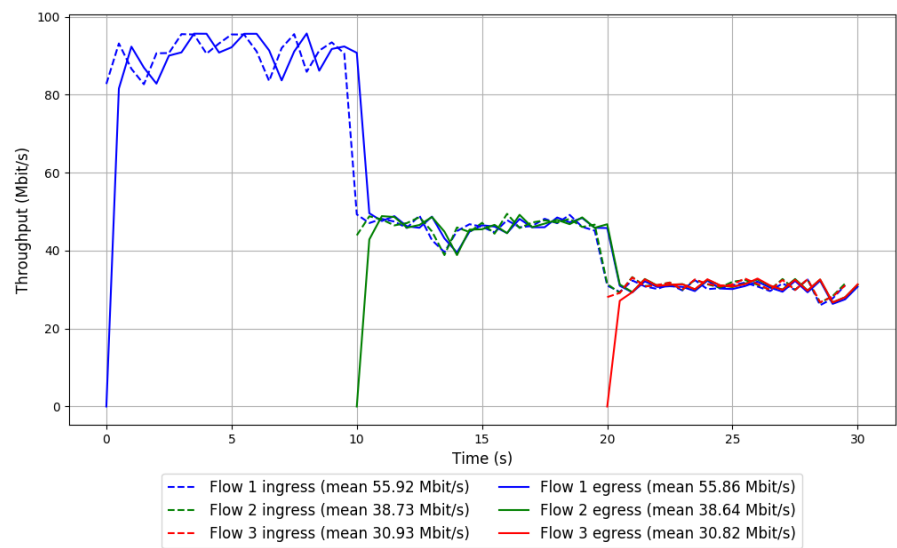


Run 4: Statistics of LEDBAT

Start at: 2018-05-22 16:30:41
End at: 2018-05-22 16:31:11
Local clock offset: -5.892 ms
Remote clock offset: -7.835 ms

Below is generated by plot.py at 2018-05-22 18:38:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.82 Mbit/s
95th percentile per-packet one-way delay: 14.909 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 55.86 Mbit/s
95th percentile per-packet one-way delay: 14.457 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 38.64 Mbit/s
95th percentile per-packet one-way delay: 15.380 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 30.82 Mbit/s
95th percentile per-packet one-way delay: 16.680 ms
Loss rate: 0.34%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2018-05-22 16:48:31

End at: 2018-05-22 16:49:01

Local clock offset: -5.628 ms

Remote clock offset: -7.85 ms

Below is generated by plot.py at 2018-05-22 18:38:59

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.75 Mbit/s

95th percentile per-packet one-way delay: 14.693 ms

Loss rate: 0.19%

-- Flow 1:

Average throughput: 59.22 Mbit/s

95th percentile per-packet one-way delay: 14.724 ms

Loss rate: 0.14%

-- Flow 2:

Average throughput: 40.29 Mbit/s

95th percentile per-packet one-way delay: 14.914 ms

Loss rate: 0.21%

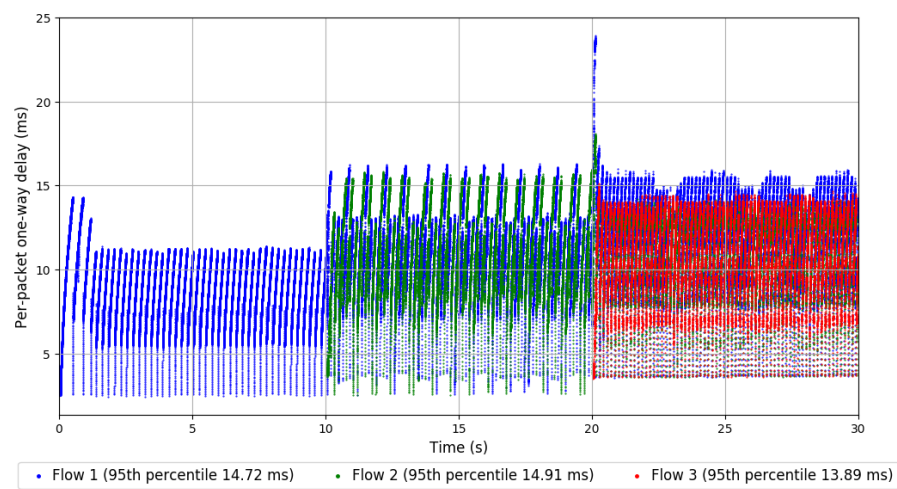
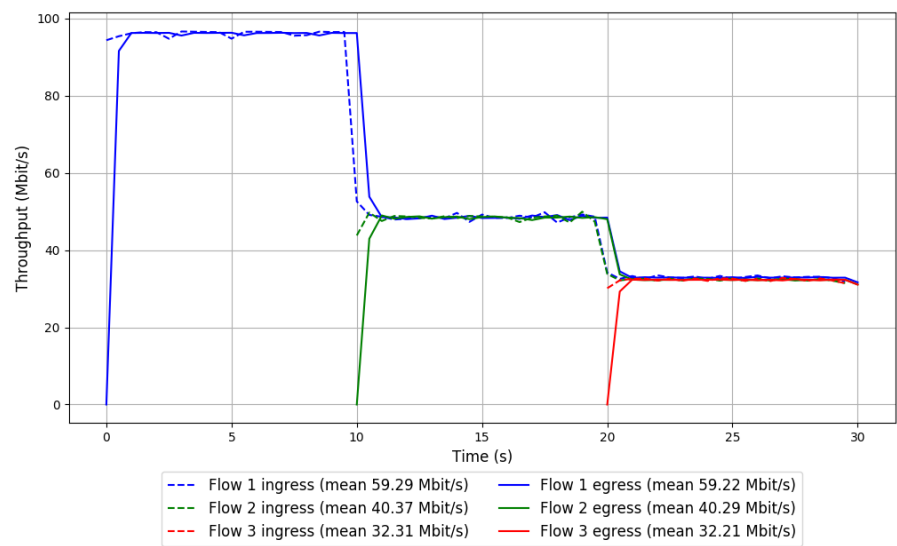
-- Flow 3:

Average throughput: 32.21 Mbit/s

95th percentile per-packet one-way delay: 13.887 ms

Loss rate: 0.38%

Run 5: Report of LEDBAT — Data Link

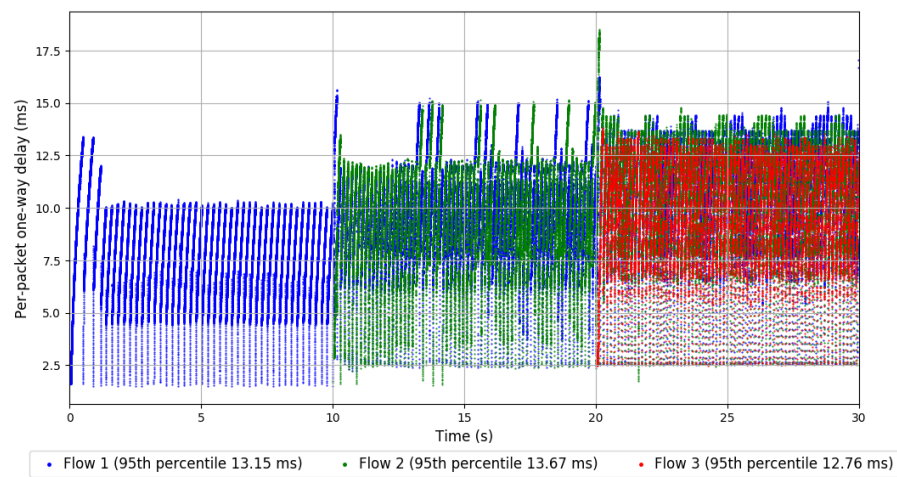
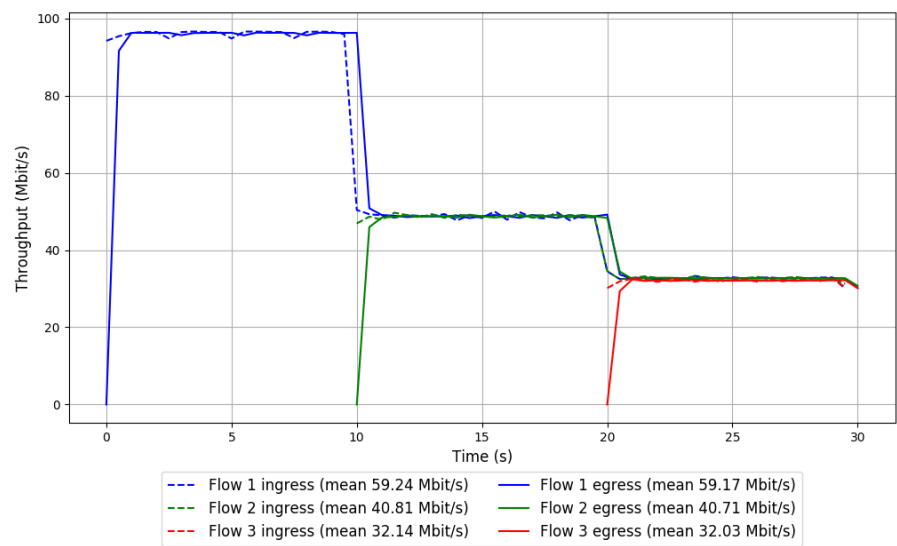


Run 6: Statistics of LEDBAT

Start at: 2018-05-22 17:06:22
End at: 2018-05-22 17:06:52
Local clock offset: -6.721 ms
Remote clock offset: -3.093 ms

Below is generated by plot.py at 2018-05-22 18:39:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.93 Mbit/s
95th percentile per-packet one-way delay: 13.261 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 59.17 Mbit/s
95th percentile per-packet one-way delay: 13.155 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 40.71 Mbit/s
95th percentile per-packet one-way delay: 13.669 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 32.03 Mbit/s
95th percentile per-packet one-way delay: 12.759 ms
Loss rate: 0.40%

Run 6: Report of LEDBAT — Data Link

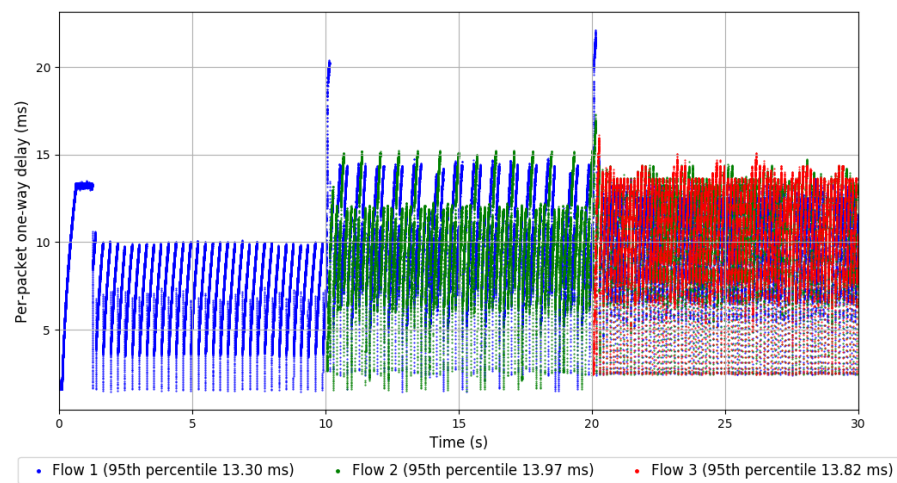
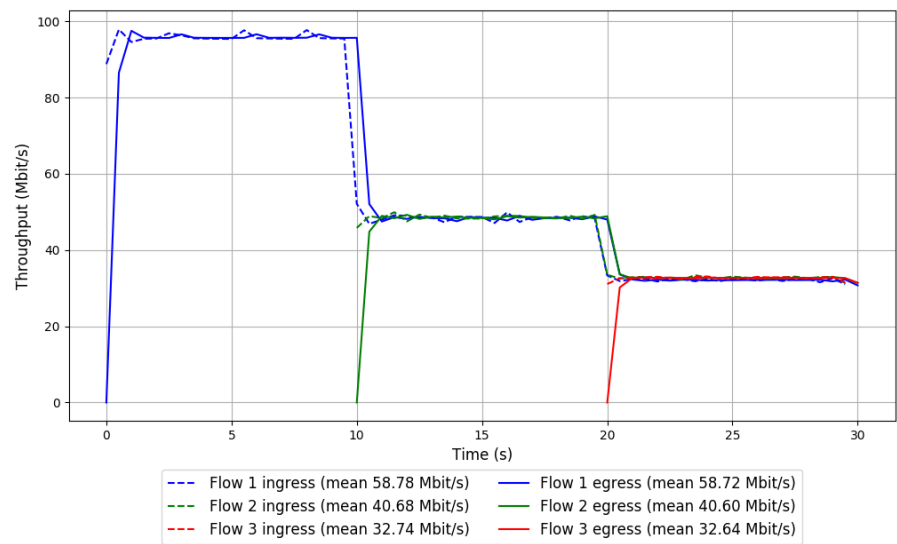


Run 7: Statistics of LEDBAT

Start at: 2018-05-22 17:24:13
End at: 2018-05-22 17:24:43
Local clock offset: -6.805 ms
Remote clock offset: -2.119 ms

Below is generated by plot.py at 2018-05-22 18:39:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.59 Mbit/s
95th percentile per-packet one-way delay: 13.593 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 58.72 Mbit/s
95th percentile per-packet one-way delay: 13.300 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 40.60 Mbit/s
95th percentile per-packet one-way delay: 13.972 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 32.64 Mbit/s
95th percentile per-packet one-way delay: 13.821 ms
Loss rate: 0.38%

Run 7: Report of LEDBAT — Data Link

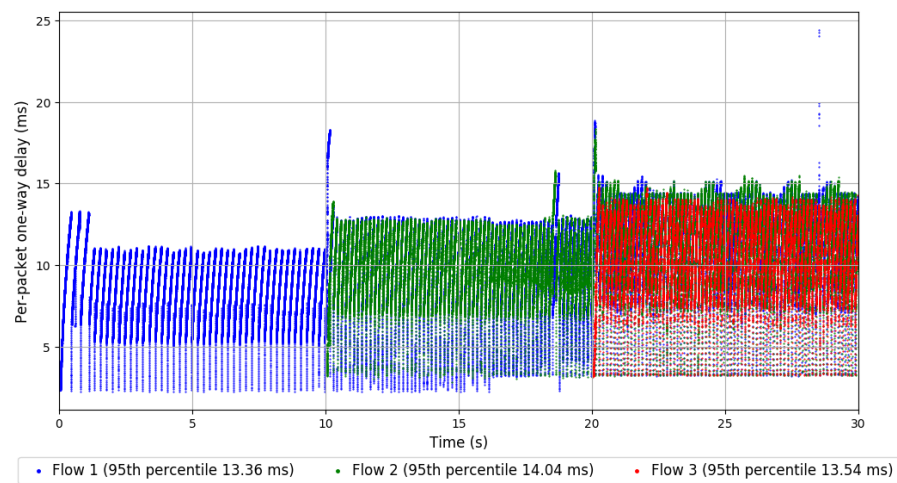
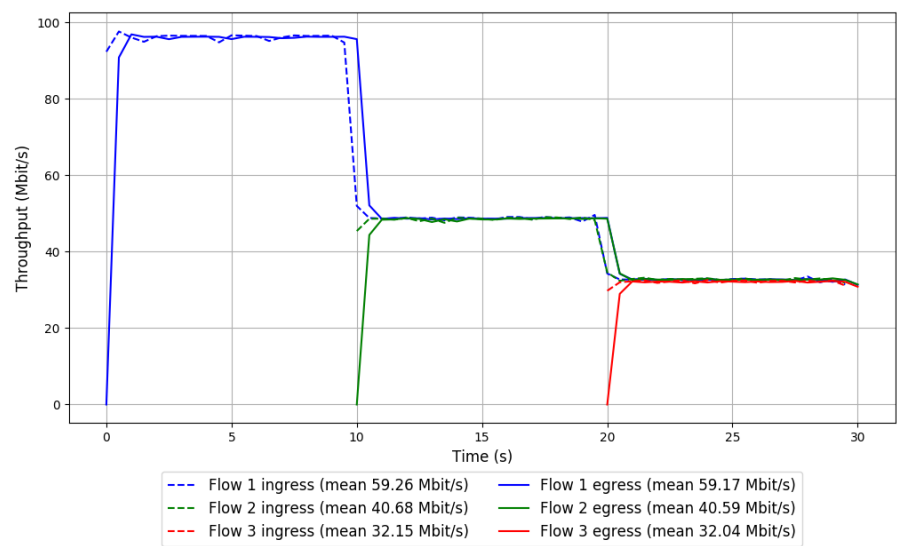


Run 8: Statistics of LEDBAT

Start at: 2018-05-22 17:42:04
End at: 2018-05-22 17:42:34
Local clock offset: -5.983 ms
Remote clock offset: -1.833 ms

Below is generated by plot.py at 2018-05-22 18:39:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.84 Mbit/s
95th percentile per-packet one-way delay: 13.669 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 59.17 Mbit/s
95th percentile per-packet one-way delay: 13.362 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 40.59 Mbit/s
95th percentile per-packet one-way delay: 14.041 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 32.04 Mbit/s
95th percentile per-packet one-way delay: 13.537 ms
Loss rate: 0.40%

Run 8: Report of LEDBAT — Data Link

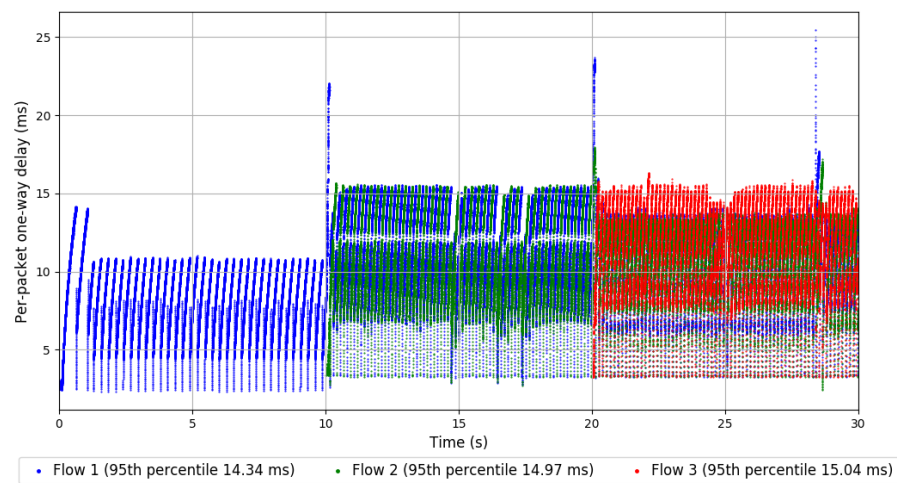
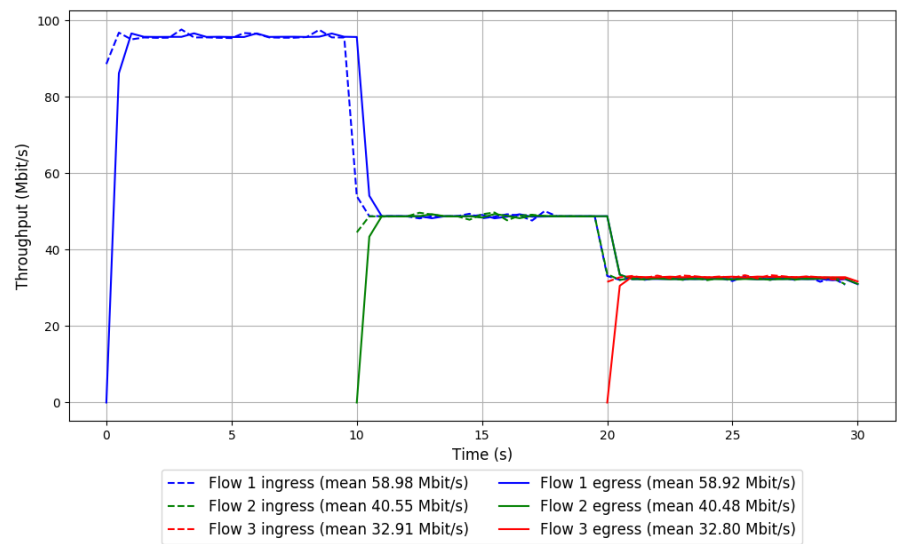


Run 9: Statistics of LEDBAT

Start at: 2018-05-22 17:59:55
End at: 2018-05-22 18:00:25
Local clock offset: -5.904 ms
Remote clock offset: -2.343 ms

Below is generated by plot.py at 2018-05-22 18:39:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.78 Mbit/s
95th percentile per-packet one-way delay: 14.778 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 58.92 Mbit/s
95th percentile per-packet one-way delay: 14.338 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.48 Mbit/s
95th percentile per-packet one-way delay: 14.972 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 32.80 Mbit/s
95th percentile per-packet one-way delay: 15.040 ms
Loss rate: 0.38%

Run 9: Report of LEDBAT — Data Link

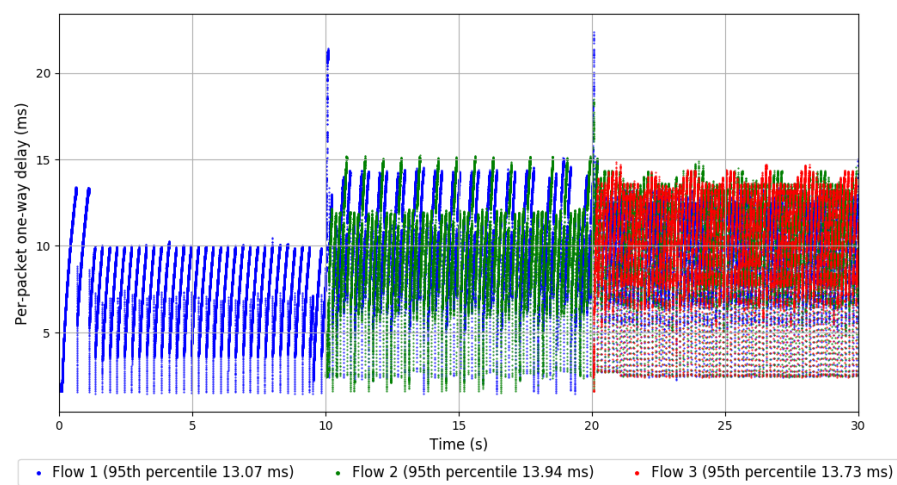
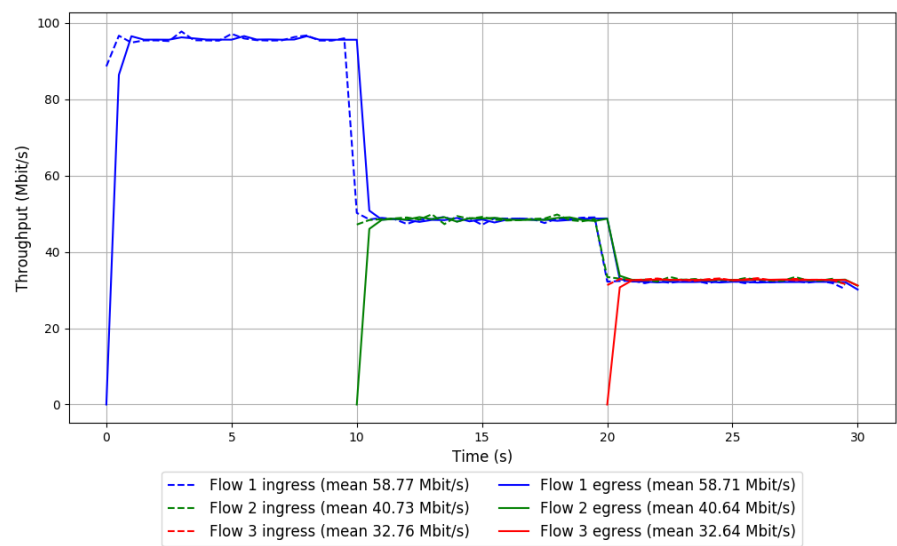


Run 10: Statistics of LEDBAT

Start at: 2018-05-22 18:17:46
End at: 2018-05-22 18:18:16
Local clock offset: -6.527 ms
Remote clock offset: -3.261 ms

Below is generated by plot.py at 2018-05-22 18:39:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.63 Mbit/s
95th percentile per-packet one-way delay: 13.528 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 58.71 Mbit/s
95th percentile per-packet one-way delay: 13.073 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.64 Mbit/s
95th percentile per-packet one-way delay: 13.937 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 32.64 Mbit/s
95th percentile per-packet one-way delay: 13.734 ms
Loss rate: 0.40%

Run 10: Report of LEDBAT — Data Link

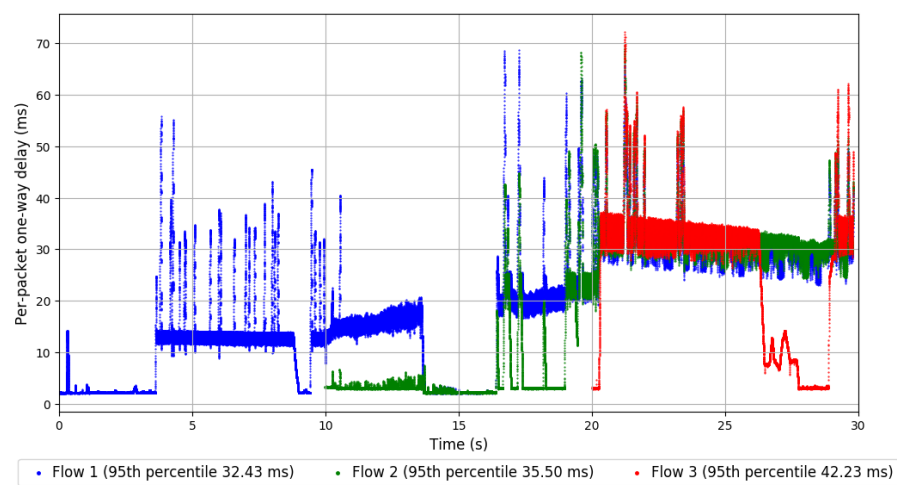
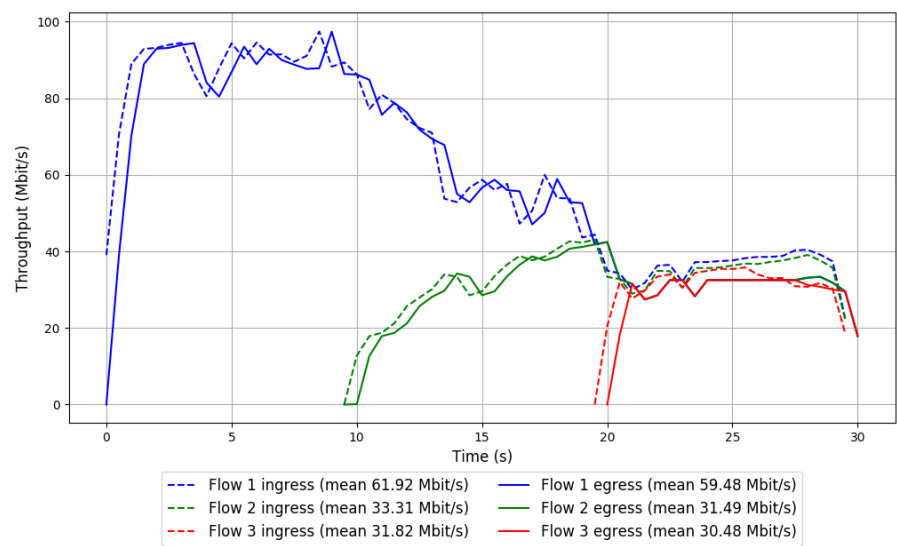


Run 1: Statistics of PCC-Allegro

Start at: 2018-05-22 15:39:43
End at: 2018-05-22 15:40:13
Local clock offset: -6.182 ms
Remote clock offset: -2.074 ms

Below is generated by plot.py at 2018-05-22 18:39:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.48 Mbit/s
95th percentile per-packet one-way delay: 34.654 ms
Loss rate: 4.40%
-- Flow 1:
Average throughput: 59.48 Mbit/s
95th percentile per-packet one-way delay: 32.431 ms
Loss rate: 3.98%
-- Flow 2:
Average throughput: 31.49 Mbit/s
95th percentile per-packet one-way delay: 35.500 ms
Loss rate: 5.56%
-- Flow 3:
Average throughput: 30.48 Mbit/s
95th percentile per-packet one-way delay: 42.229 ms
Loss rate: 4.41%

Run 1: Report of PCC-Allegro — Data Link

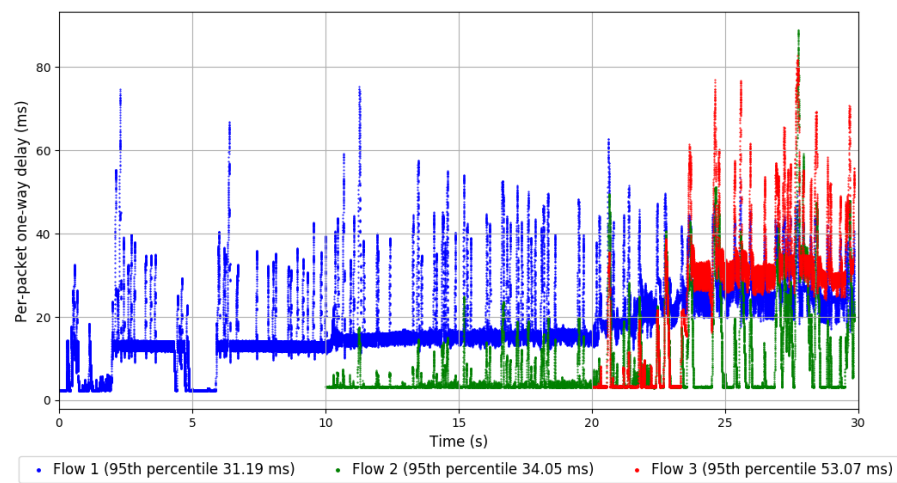
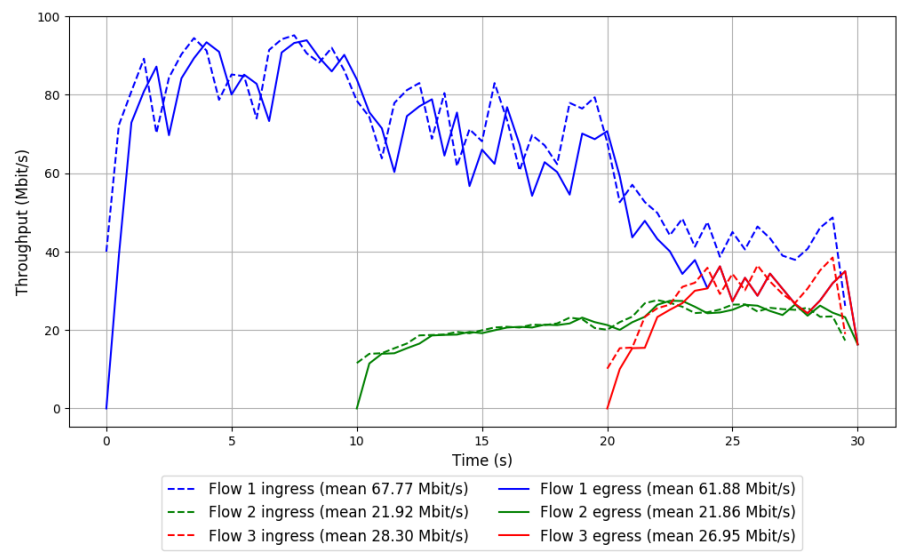


Run 2: Statistics of PCC-Allegro

Start at: 2018-05-22 15:57:27
End at: 2018-05-22 15:57:57
Local clock offset: -6.167 ms
Remote clock offset: -2.768 ms

Below is generated by plot.py at 2018-05-22 18:39:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.28 Mbit/s
95th percentile per-packet one-way delay: 34.933 ms
Loss rate: 7.00%
-- Flow 1:
Average throughput: 61.88 Mbit/s
95th percentile per-packet one-way delay: 31.192 ms
Loss rate: 8.72%
-- Flow 2:
Average throughput: 21.86 Mbit/s
95th percentile per-packet one-way delay: 34.051 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 26.95 Mbit/s
95th percentile per-packet one-way delay: 53.074 ms
Loss rate: 5.05%

Run 2: Report of PCC-Allegro — Data Link

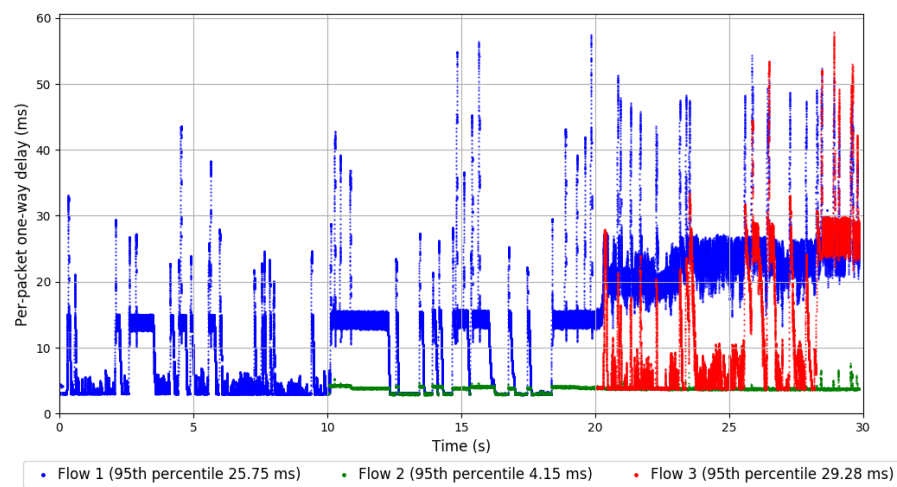
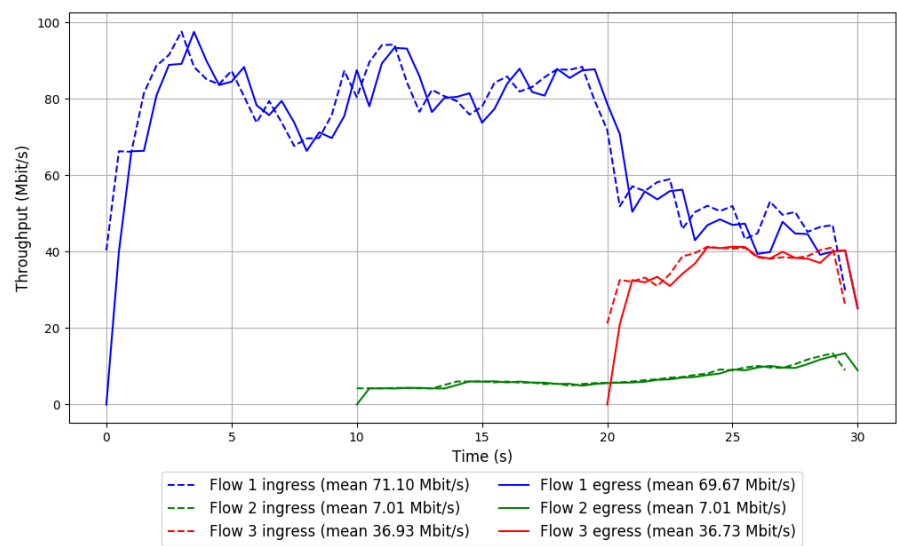


Run 3: Statistics of PCC-Allegro

Start at: 2018-05-22 16:15:10
End at: 2018-05-22 16:15:40
Local clock offset: -5.264 ms
Remote clock offset: -4.164 ms

Below is generated by plot.py at 2018-05-22 18:40:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.41 Mbit/s
95th percentile per-packet one-way delay: 26.279 ms
Loss rate: 1.76%
-- Flow 1:
Average throughput: 69.67 Mbit/s
95th percentile per-packet one-way delay: 25.750 ms
Loss rate: 2.06%
-- Flow 2:
Average throughput: 7.01 Mbit/s
95th percentile per-packet one-way delay: 4.152 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 36.73 Mbit/s
95th percentile per-packet one-way delay: 29.283 ms
Loss rate: 0.69%

Run 3: Report of PCC-Allegro — Data Link

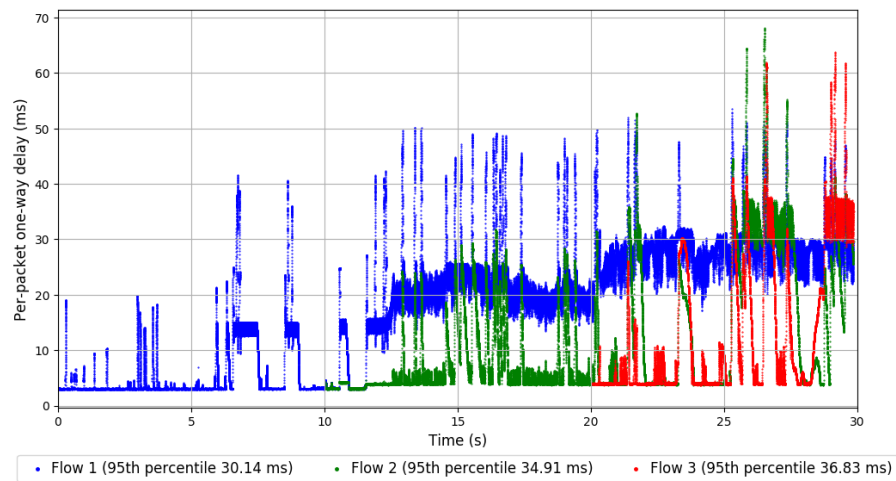
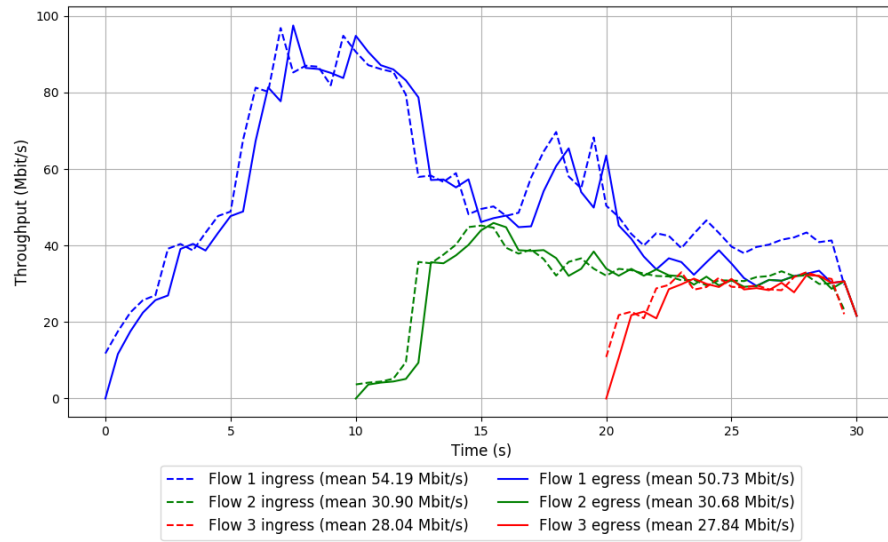


Run 4: Statistics of PCC-Allegro

Start at: 2018-05-22 16:32:56
End at: 2018-05-22 16:33:26
Local clock offset: -5.061 ms
Remote clock offset: -8.095 ms

Below is generated by plot.py at 2018-05-22 18:40:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.27 Mbit/s
95th percentile per-packet one-way delay: 33.580 ms
Loss rate: 4.43%
-- Flow 1:
Average throughput: 50.73 Mbit/s
95th percentile per-packet one-way delay: 30.137 ms
Loss rate: 6.44%
-- Flow 2:
Average throughput: 30.68 Mbit/s
95th percentile per-packet one-way delay: 34.912 ms
Loss rate: 0.75%
-- Flow 3:
Average throughput: 27.84 Mbit/s
95th percentile per-packet one-way delay: 36.825 ms
Loss rate: 0.86%

Run 4: Report of PCC-Allegro — Data Link

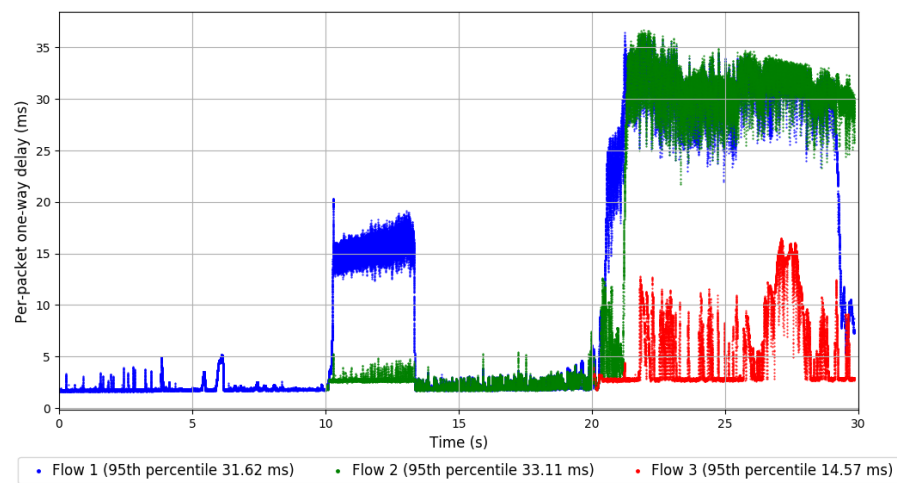
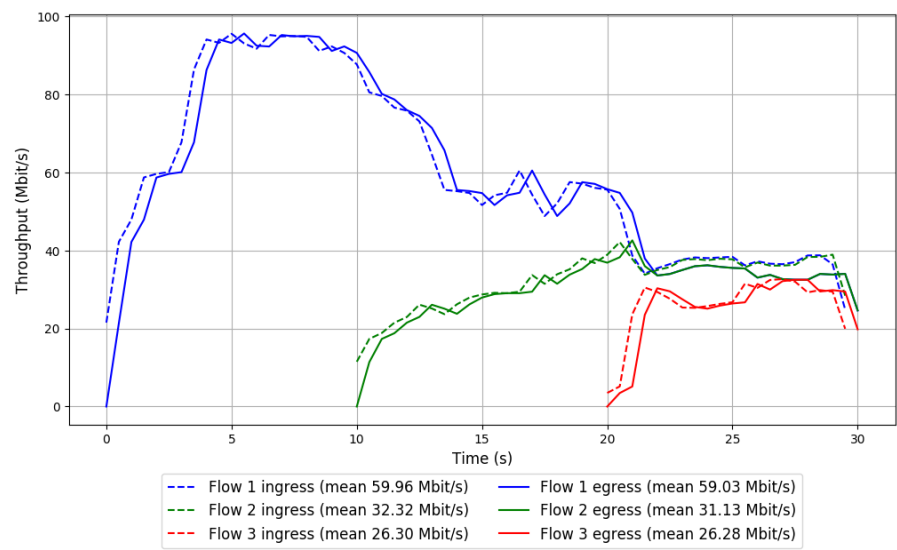


Run 5: Statistics of PCC-Allegro

Start at: 2018-05-22 16:50:45
End at: 2018-05-22 16:51:15
Local clock offset: -6.384 ms
Remote clock offset: -6.706 ms

Below is generated by plot.py at 2018-05-22 18:40:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.37 Mbit/s
95th percentile per-packet one-way delay: 32.150 ms
Loss rate: 1.94%
-- Flow 1:
Average throughput: 59.03 Mbit/s
95th percentile per-packet one-way delay: 31.616 ms
Loss rate: 1.55%
-- Flow 2:
Average throughput: 31.13 Mbit/s
95th percentile per-packet one-way delay: 33.106 ms
Loss rate: 3.75%
-- Flow 3:
Average throughput: 26.28 Mbit/s
95th percentile per-packet one-way delay: 14.570 ms
Loss rate: 0.11%

Run 5: Report of PCC-Allegro — Data Link

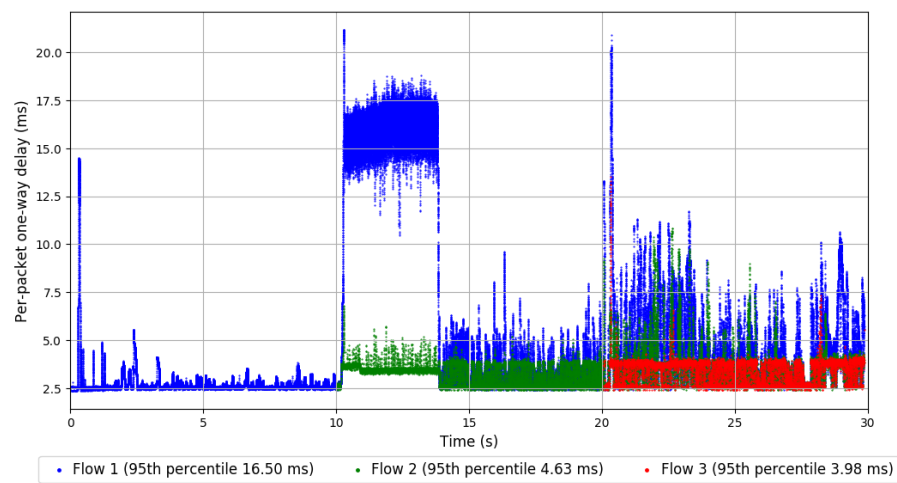
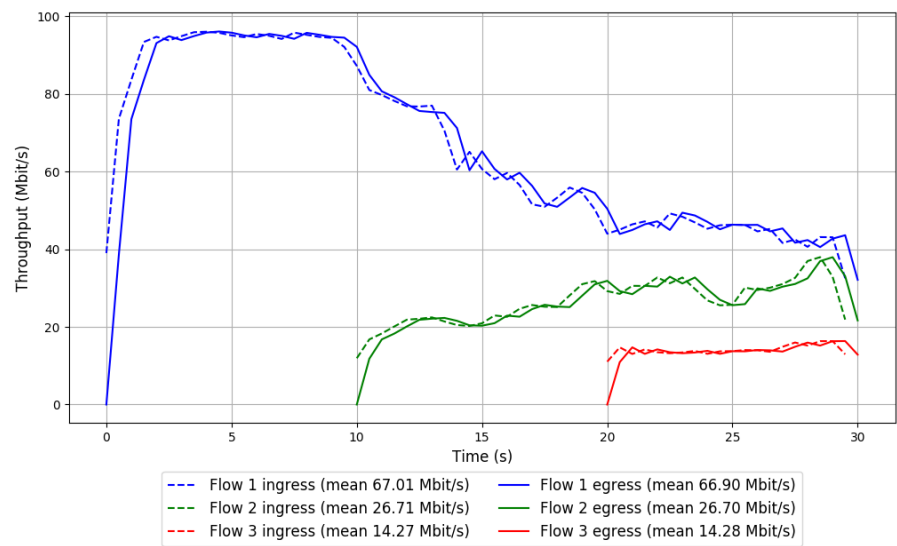


Run 6: Statistics of PCC-Allegro

Start at: 2018-05-22 17:08:38
End at: 2018-05-22 17:09:08
Local clock offset: -5.927 ms
Remote clock offset: -2.966 ms

Below is generated by plot.py at 2018-05-22 18:40:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.34 Mbit/s
95th percentile per-packet one-way delay: 16.176 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 66.90 Mbit/s
95th percentile per-packet one-way delay: 16.495 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 26.70 Mbit/s
95th percentile per-packet one-way delay: 4.631 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 14.28 Mbit/s
95th percentile per-packet one-way delay: 3.975 ms
Loss rate: 0.07%

Run 6: Report of PCC-Allegro — Data Link

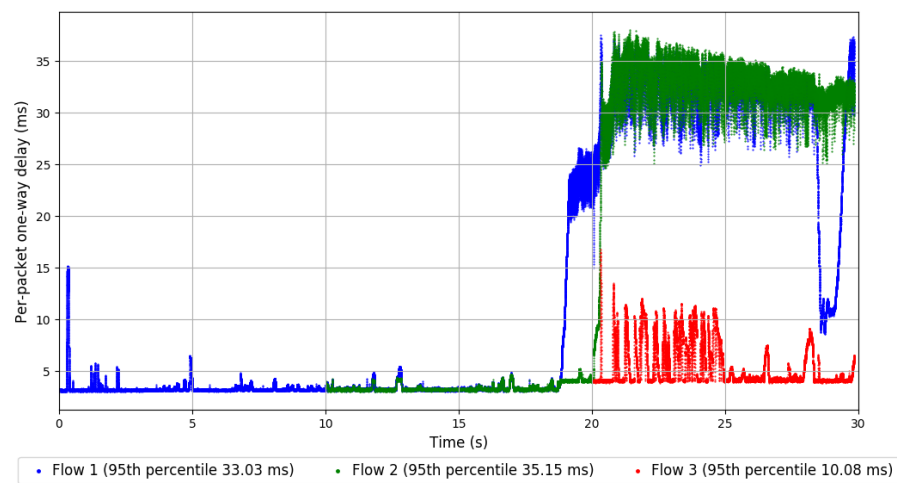
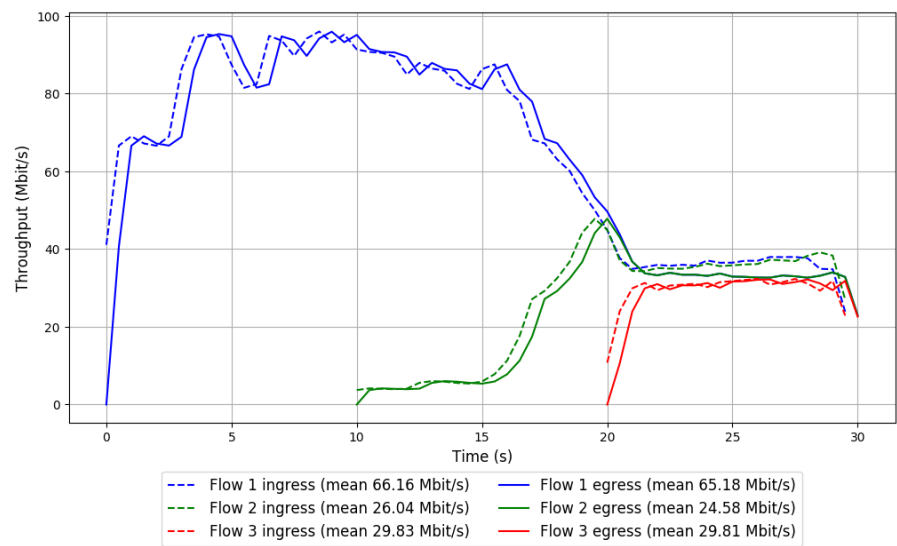


Run 7: Statistics of PCC-Allegro

Start at: 2018-05-22 17:26:28
End at: 2018-05-22 17:26:58
Local clock offset: -5.288 ms
Remote clock offset: -2.171 ms

Below is generated by plot.py at 2018-05-22 18:40:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.32 Mbit/s
95th percentile per-packet one-way delay: 33.780 ms
Loss rate: 2.14%
-- Flow 1:
Average throughput: 65.18 Mbit/s
95th percentile per-packet one-way delay: 33.027 ms
Loss rate: 1.53%
-- Flow 2:
Average throughput: 24.58 Mbit/s
95th percentile per-packet one-way delay: 35.151 ms
Loss rate: 5.64%
-- Flow 3:
Average throughput: 29.81 Mbit/s
95th percentile per-packet one-way delay: 10.082 ms
Loss rate: 0.09%

Run 7: Report of PCC-Allegro — Data Link

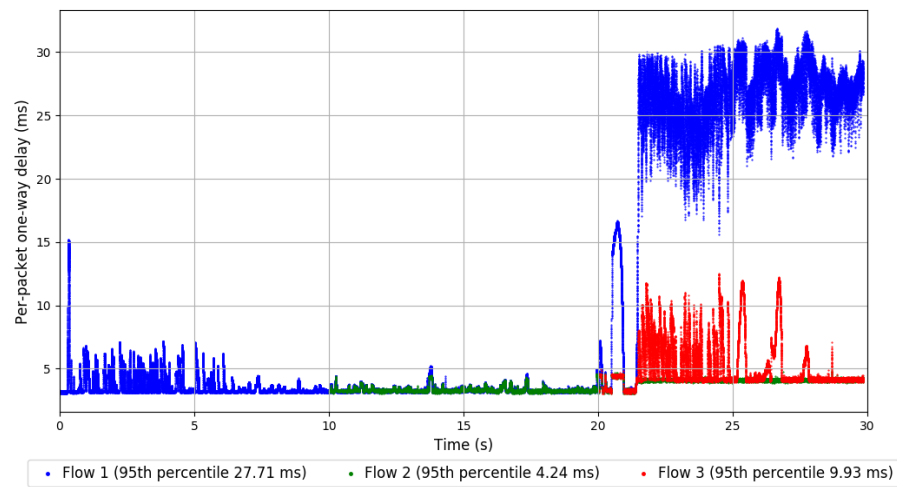
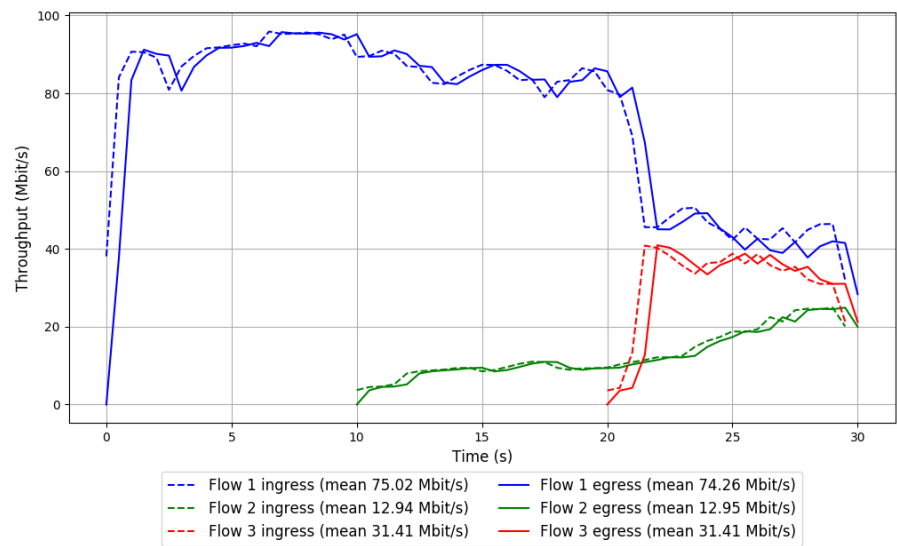


Run 8: Statistics of PCC-Allegro

Start at: 2018-05-22 17:44:19
End at: 2018-05-22 17:44:49
Local clock offset: -5.207 ms
Remote clock offset: -1.809 ms

Below is generated by plot.py at 2018-05-22 18:40:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.20 Mbit/s
95th percentile per-packet one-way delay: 27.260 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 74.26 Mbit/s
95th percentile per-packet one-way delay: 27.709 ms
Loss rate: 1.06%
-- Flow 2:
Average throughput: 12.95 Mbit/s
95th percentile per-packet one-way delay: 4.237 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 31.41 Mbit/s
95th percentile per-packet one-way delay: 9.928 ms
Loss rate: 0.05%

Run 8: Report of PCC-Allegro — Data Link

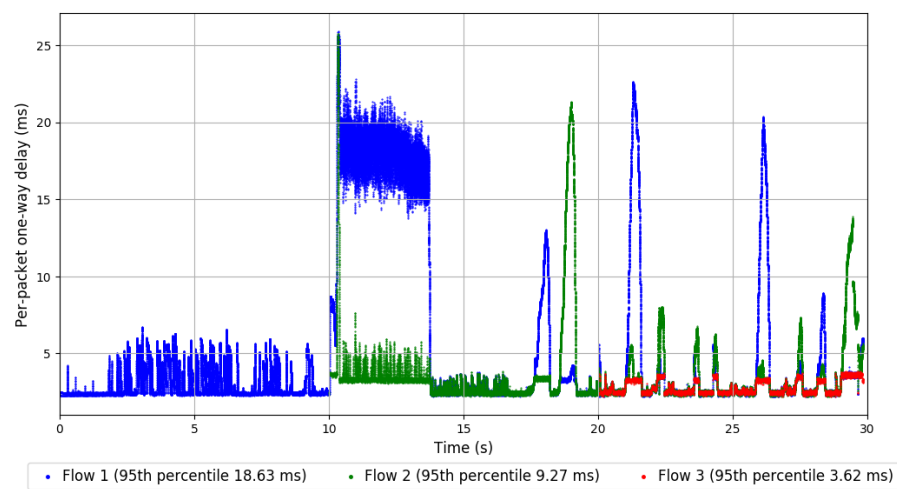
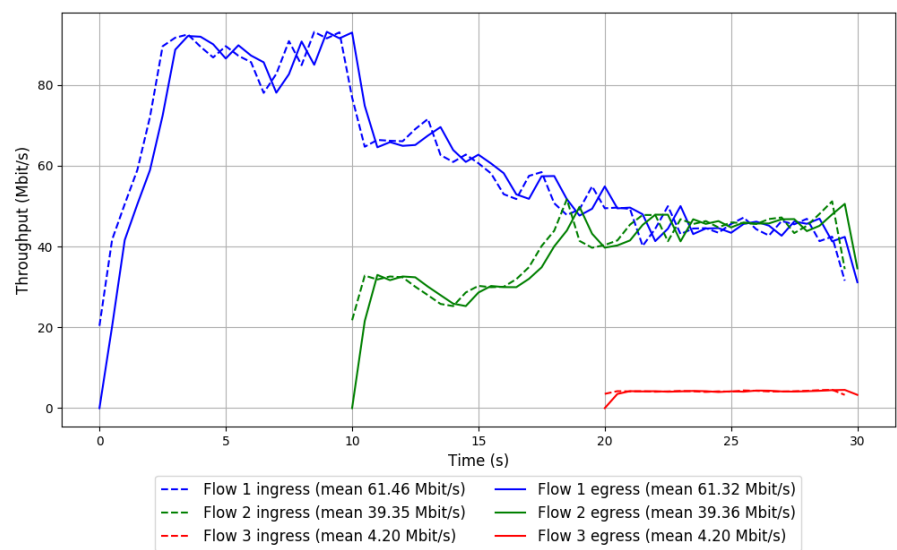


Run 9: Statistics of PCC-Allegro

Start at: 2018-05-22 18:02:11
End at: 2018-05-22 18:02:41
Local clock offset: -5.871 ms
Remote clock offset: -2.514 ms

Below is generated by plot.py at 2018-05-22 18:40:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.88 Mbit/s
95th percentile per-packet one-way delay: 18.183 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 61.32 Mbit/s
95th percentile per-packet one-way delay: 18.634 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 39.36 Mbit/s
95th percentile per-packet one-way delay: 9.268 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 4.20 Mbit/s
95th percentile per-packet one-way delay: 3.616 ms
Loss rate: 0.06%

Run 9: Report of PCC-Allegro — Data Link

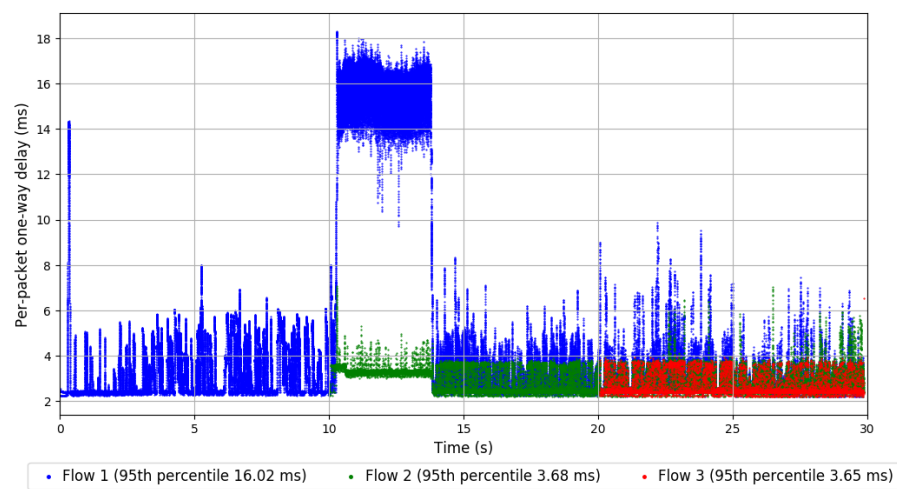
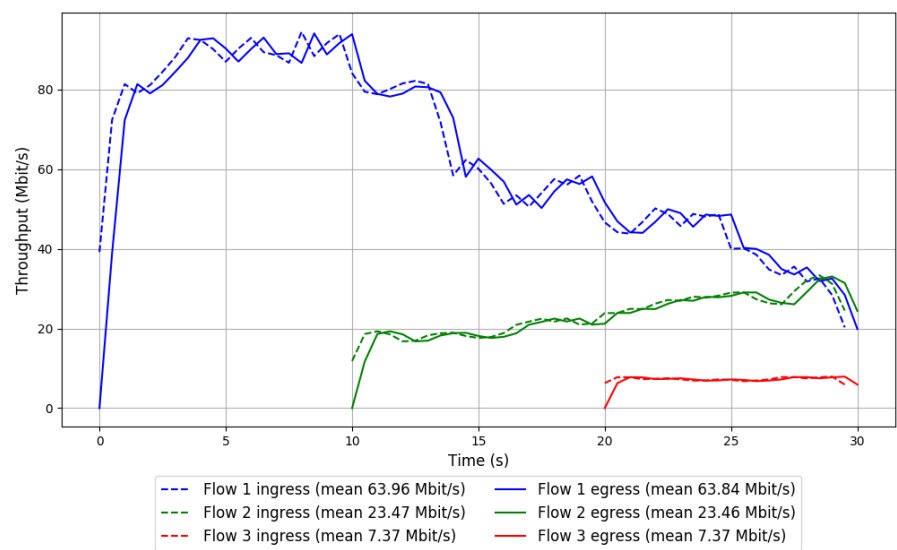


Run 10: Statistics of PCC-Allegro

Start at: 2018-05-22 18:20:01
End at: 2018-05-22 18:20:31
Local clock offset: -5.767 ms
Remote clock offset: -3.365 ms

Below is generated by plot.py at 2018-05-22 18:40:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.84 Mbit/s
95th percentile per-packet one-way delay: 15.777 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 63.84 Mbit/s
95th percentile per-packet one-way delay: 16.019 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 23.46 Mbit/s
95th percentile per-packet one-way delay: 3.678 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 7.37 Mbit/s
95th percentile per-packet one-way delay: 3.650 ms
Loss rate: 0.03%

Run 10: Report of PCC-Allegro — Data Link



Run 1: Statistics of PCC-Expr

Start at: 2018-05-22 15:41:57
End at: 2018-05-22 15:42:27
Local clock offset: -6.883 ms
Remote clock offset: -2.288 ms

Run 1: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 2: Statistics of PCC-Expr

Start at: 2018-05-22 15:59:41

End at: 2018-05-22 16:00:11

Local clock offset: -5.365 ms

Remote clock offset: -2.775 ms

Run 2: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 3: Statistics of PCC-Expr

Start at: 2018-05-22 16:17:24

End at: 2018-05-22 16:17:54

Local clock offset: -5.262 ms

Remote clock offset: -5.074 ms

Run 3: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 4: Statistics of PCC-Expr

Start at: 2018-05-22 16:35:09

End at: 2018-05-22 16:35:39

Local clock offset: -6.615 ms

Remote clock offset: -8.296 ms

Run 4: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 5: Statistics of PCC-Expr

Start at: 2018-05-22 16:52:59

End at: 2018-05-22 16:53:29

Local clock offset: -6.415 ms

Remote clock offset: -5.725 ms

Run 5: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 6: Statistics of PCC-Expr

Start at: 2018-05-22 17:10:51

End at: 2018-05-22 17:11:21

Local clock offset: -5.966 ms

Remote clock offset: -2.699 ms

Run 6: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 7: Statistics of PCC-Expr

Start at: 2018-05-22 17:28:42

End at: 2018-05-22 17:29:12

Local clock offset: -6.028 ms

Remote clock offset: -2.211 ms

Run 7: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 8: Statistics of PCC-Expr

Start at: 2018-05-22 17:46:33

End at: 2018-05-22 17:47:03

Local clock offset: -6.791 ms

Remote clock offset: -1.717 ms

Run 8: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 9: Statistics of PCC-Expr

Start at: 2018-05-22 18:04:25

End at: 2018-05-22 18:04:55

Local clock offset: -5.087 ms

Remote clock offset: -2.683 ms

Run 9: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 10: Statistics of PCC-Expr

Start at: 2018-05-22 18:22:15

End at: 2018-05-22 18:22:45

Local clock offset: -6.512 ms

Remote clock offset: -3.361 ms

Run 10: Report of PCC-Expr — Data Link

Figure is missing

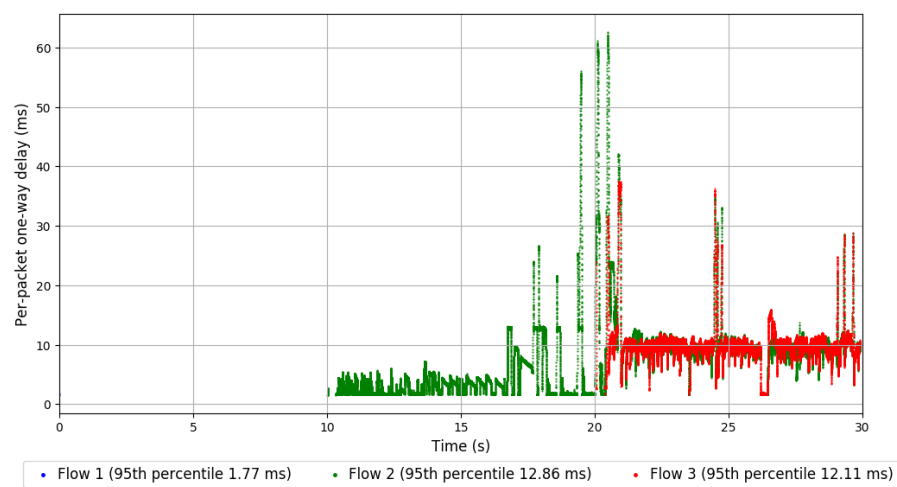
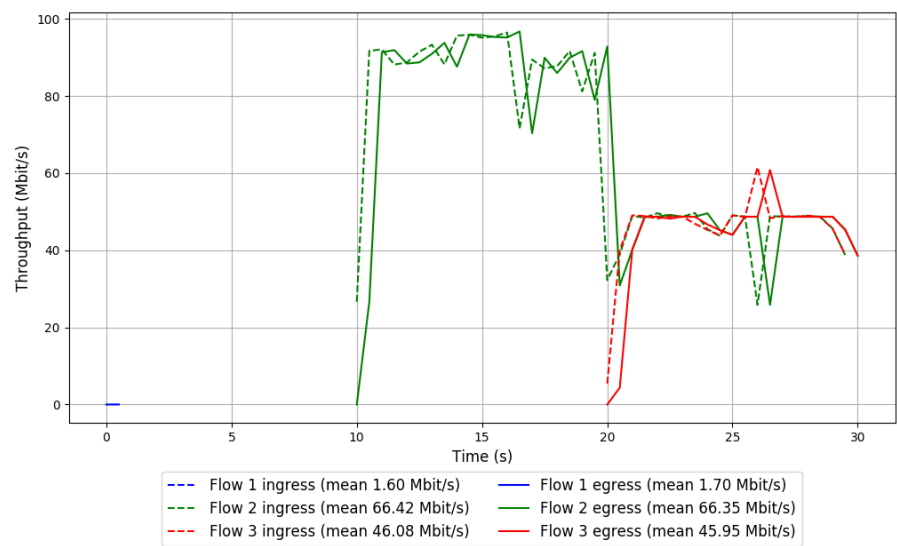
Figure is missing

Run 1: Statistics of QUIC Cubic

Start at: 2018-05-22 15:38:37
End at: 2018-05-22 15:39:07
Local clock offset: -6.928 ms
Remote clock offset: -2.136 ms

Below is generated by plot.py at 2018-05-22 18:40:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 59.35 Mbit/s
95th percentile per-packet one-way delay: 12.844 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 1.70 Mbit/s
95th percentile per-packet one-way delay: 1.773 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 66.35 Mbit/s
95th percentile per-packet one-way delay: 12.856 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 45.95 Mbit/s
95th percentile per-packet one-way delay: 12.113 ms
Loss rate: 0.33%

Run 1: Report of QUIC Cubic — Data Link

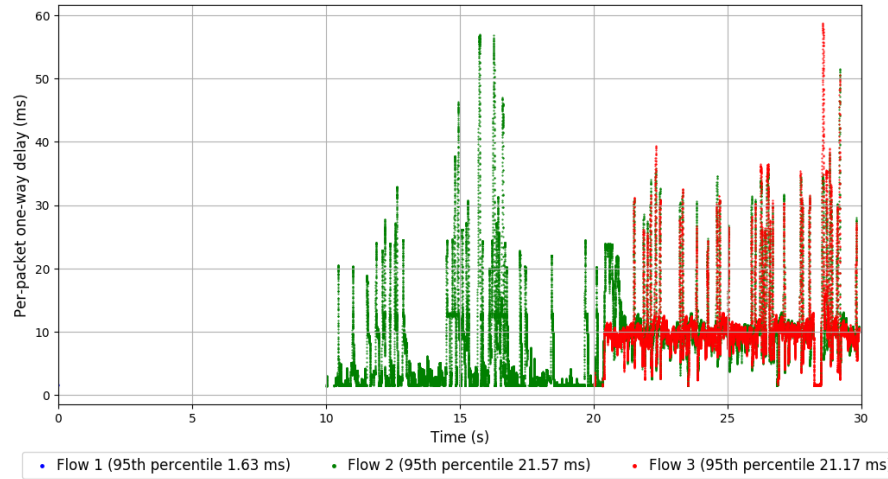
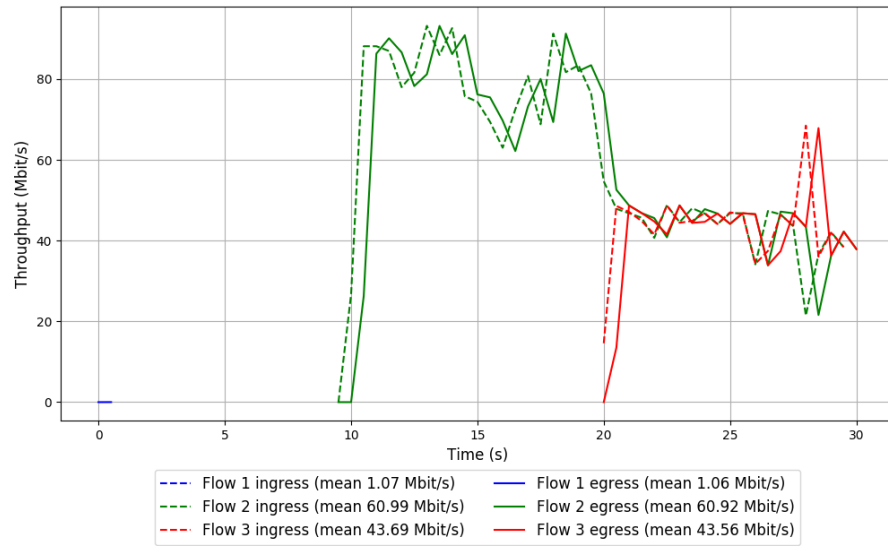


Run 2: Statistics of QUIC Cubic

Start at: 2018-05-22 15:56:21
End at: 2018-05-22 15:56:51
Local clock offset: -7.036 ms
Remote clock offset: -2.811 ms

Below is generated by plot.py at 2018-05-22 18:40:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 54.99 Mbit/s
95th percentile per-packet one-way delay: 21.510 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 1.06 Mbit/s
95th percentile per-packet one-way delay: 1.628 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 60.92 Mbit/s
95th percentile per-packet one-way delay: 21.566 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 43.56 Mbit/s
95th percentile per-packet one-way delay: 21.174 ms
Loss rate: 0.32%

Run 2: Report of QUIC Cubic — Data Link

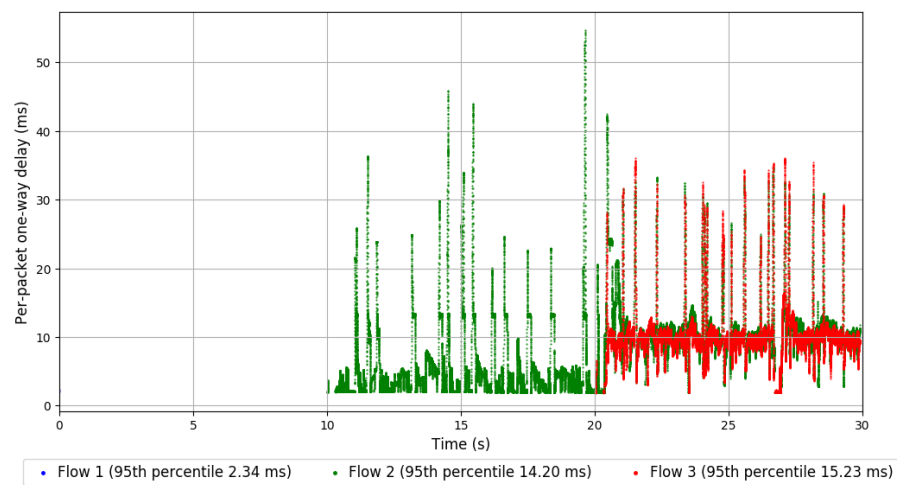
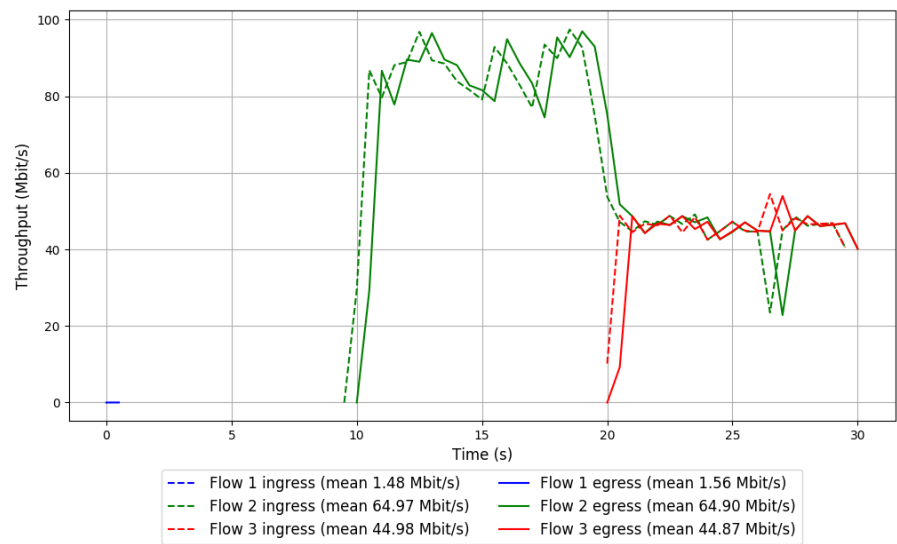


Run 3: Statistics of QUIC Cubic

Start at: 2018-05-22 16:14:04
End at: 2018-05-22 16:14:34
Local clock offset: -6.033 ms
Remote clock offset: -3.491 ms

Below is generated by plot.py at 2018-05-22 18:41:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 58.04 Mbit/s
95th percentile per-packet one-way delay: 14.443 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 1.56 Mbit/s
95th percentile per-packet one-way delay: 2.337 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 64.90 Mbit/s
95th percentile per-packet one-way delay: 14.199 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 44.87 Mbit/s
95th percentile per-packet one-way delay: 15.227 ms
Loss rate: 0.30%

Run 3: Report of QUIC Cubic — Data Link

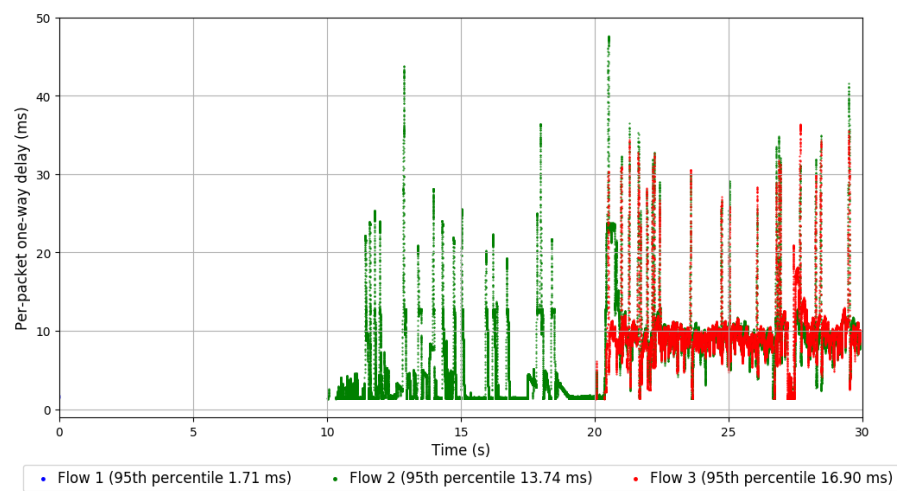
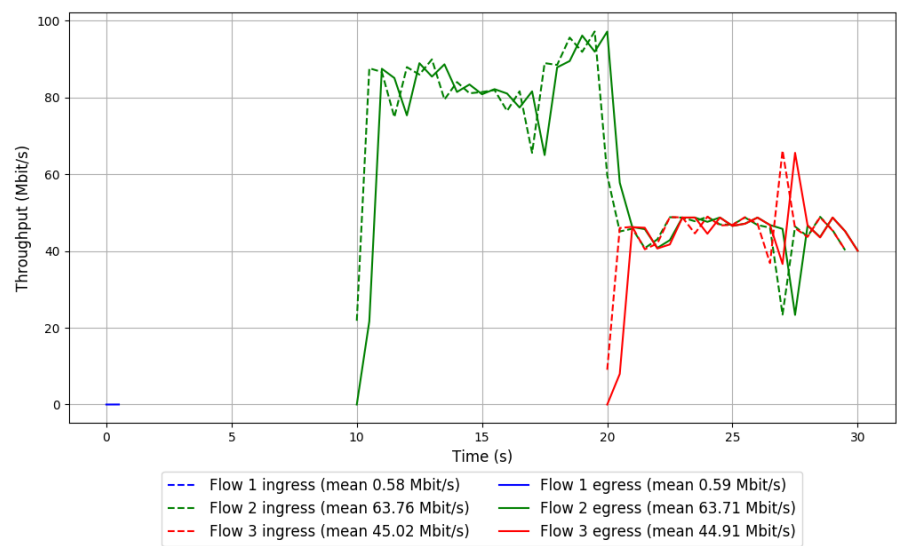


Run 4: Statistics of QUIC Cubic

Start at: 2018-05-22 16:31:49
End at: 2018-05-22 16:32:19
Local clock offset: -6.672 ms
Remote clock offset: -7.928 ms

Below is generated by plot.py at 2018-05-22 18:41:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 57.24 Mbit/s
95th percentile per-packet one-way delay: 14.694 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 0.59 Mbit/s
95th percentile per-packet one-way delay: 1.712 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 63.71 Mbit/s
95th percentile per-packet one-way delay: 13.737 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 44.91 Mbit/s
95th percentile per-packet one-way delay: 16.897 ms
Loss rate: 0.29%

Run 4: Report of QUIC Cubic — Data Link

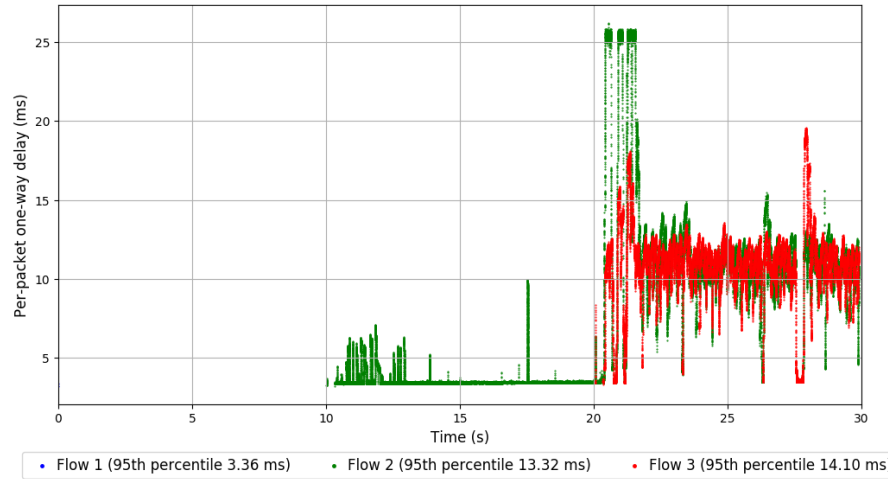
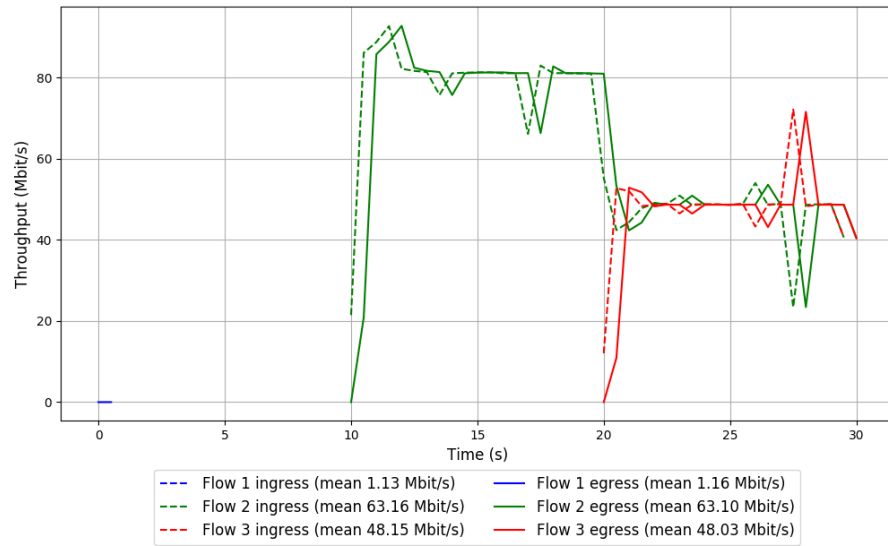


Run 5: Statistics of QUIC Cubic

Start at: 2018-05-22 16:49:39
End at: 2018-05-22 16:50:09
Local clock offset: -4.859 ms
Remote clock offset: -7.211 ms

Below is generated by plot.py at 2018-05-22 18:41:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 57.86 Mbit/s
95th percentile per-packet one-way delay: 13.584 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 1.16 Mbit/s
95th percentile per-packet one-way delay: 3.358 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 63.10 Mbit/s
95th percentile per-packet one-way delay: 13.321 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 48.03 Mbit/s
95th percentile per-packet one-way delay: 14.102 ms
Loss rate: 0.29%

Run 5: Report of QUIC Cubic — Data Link

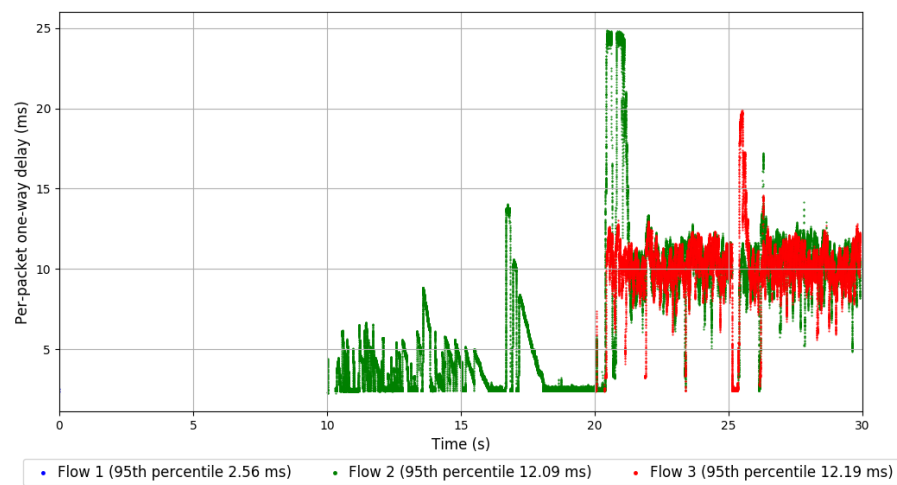
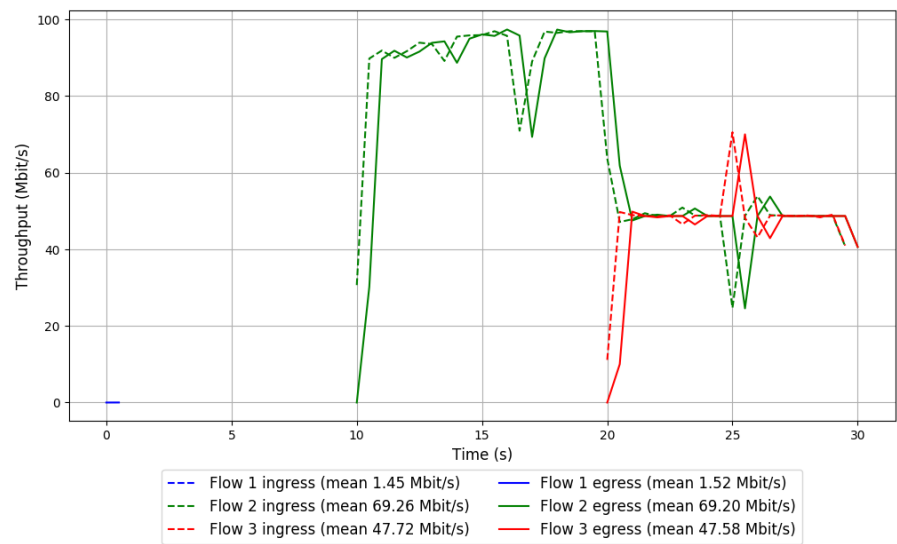


Run 6: Statistics of QUIC Cubic

Start at: 2018-05-22 17:07:31
End at: 2018-05-22 17:08:01
Local clock offset: -5.924 ms
Remote clock offset: -2.959 ms

Below is generated by plot.py at 2018-05-22 18:41:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 61.79 Mbit/s
95th percentile per-packet one-way delay: 12.126 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 1.52 Mbit/s
95th percentile per-packet one-way delay: 2.561 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 69.20 Mbit/s
95th percentile per-packet one-way delay: 12.093 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 47.58 Mbit/s
95th percentile per-packet one-way delay: 12.187 ms
Loss rate: 0.33%

Run 6: Report of QUIC Cubic — Data Link

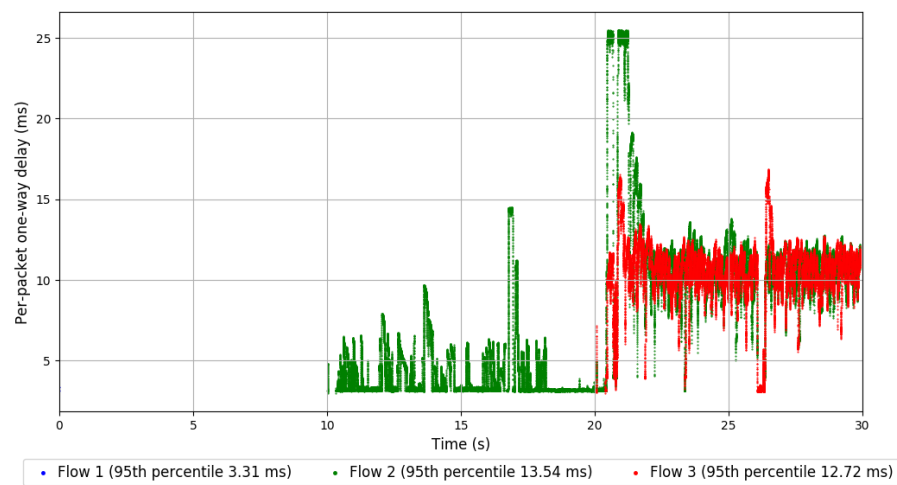
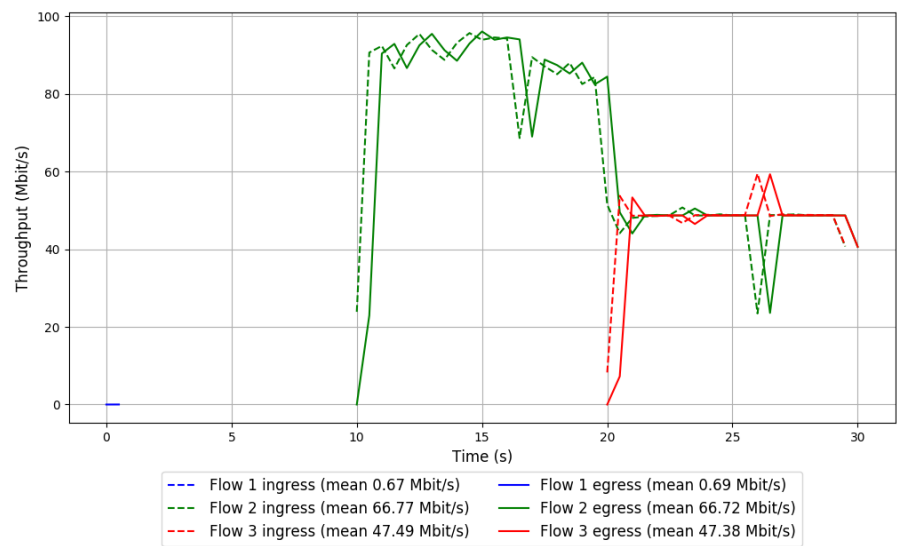


Run 7: Statistics of QUIC Cubic

Start at: 2018-05-22 17:25:22
End at: 2018-05-22 17:25:52
Local clock offset: -5.289 ms
Remote clock offset: -2.098 ms

Below is generated by plot.py at 2018-05-22 18:41:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 60.06 Mbit/s
95th percentile per-packet one-way delay: 13.100 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 0.69 Mbit/s
95th percentile per-packet one-way delay: 3.314 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 66.72 Mbit/s
95th percentile per-packet one-way delay: 13.540 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 47.38 Mbit/s
95th percentile per-packet one-way delay: 12.724 ms
Loss rate: 0.31%

Run 7: Report of QUIC Cubic — Data Link

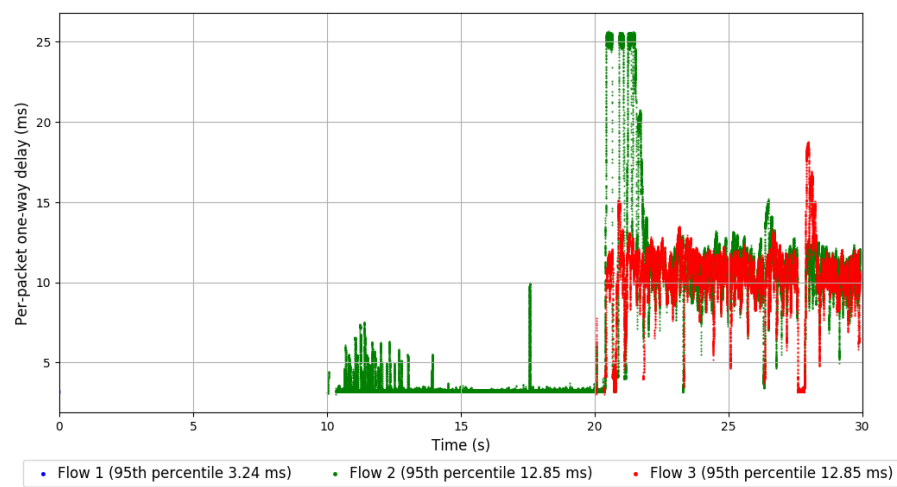
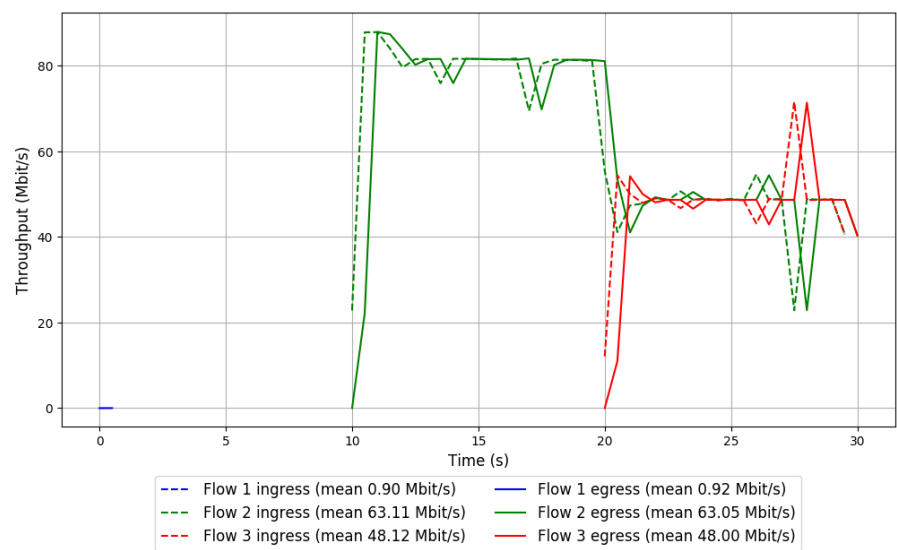


Run 8: Statistics of QUIC Cubic

Start at: 2018-05-22 17:43:13
End at: 2018-05-22 17:43:43
Local clock offset: -5.212 ms
Remote clock offset: -1.812 ms

Below is generated by plot.py at 2018-05-22 18:41:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 57.82 Mbit/s
95th percentile per-packet one-way delay: 12.850 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 0.92 Mbit/s
95th percentile per-packet one-way delay: 3.238 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 63.05 Mbit/s
95th percentile per-packet one-way delay: 12.854 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 48.00 Mbit/s
95th percentile per-packet one-way delay: 12.846 ms
Loss rate: 0.30%

Run 8: Report of QUIC Cubic — Data Link

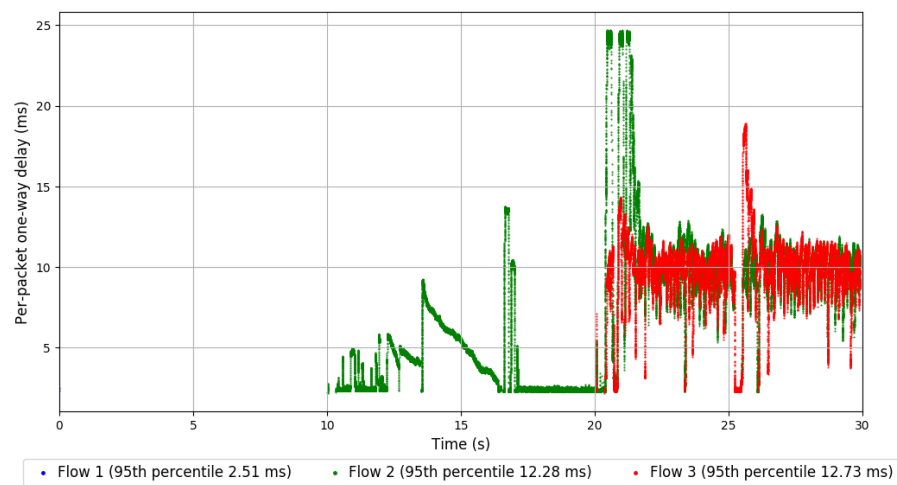
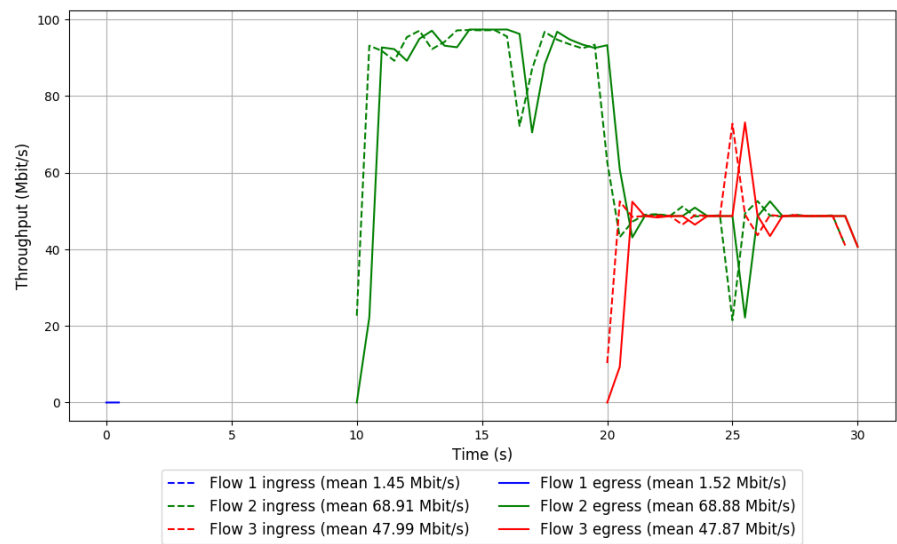


Run 9: Statistics of QUIC Cubic

Start at: 2018-05-22 18:01:04
End at: 2018-05-22 18:01:34
Local clock offset: -5.881 ms
Remote clock offset: -2.341 ms

Below is generated by plot.py at 2018-05-22 18:41:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 61.66 Mbit/s
95th percentile per-packet one-way delay: 12.377 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 1.52 Mbit/s
95th percentile per-packet one-way delay: 2.511 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 68.88 Mbit/s
95th percentile per-packet one-way delay: 12.279 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 47.87 Mbit/s
95th percentile per-packet one-way delay: 12.729 ms
Loss rate: 0.29%

Run 9: Report of QUIC Cubic — Data Link

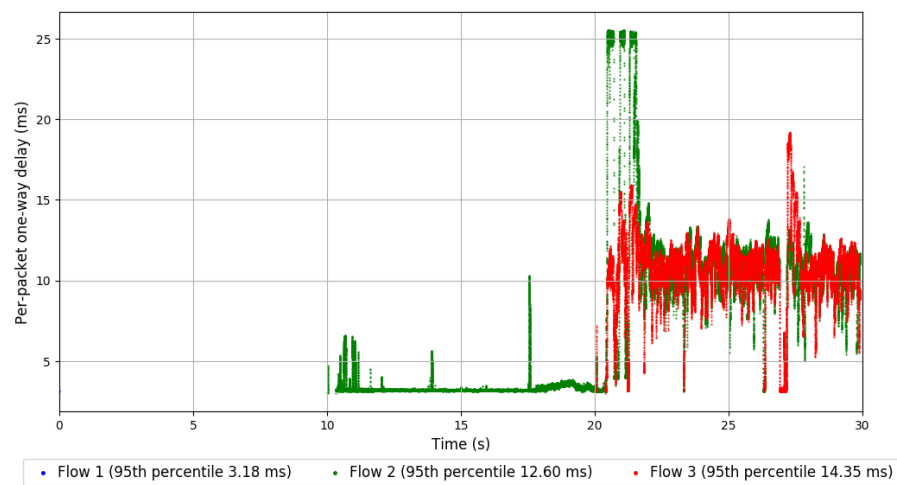
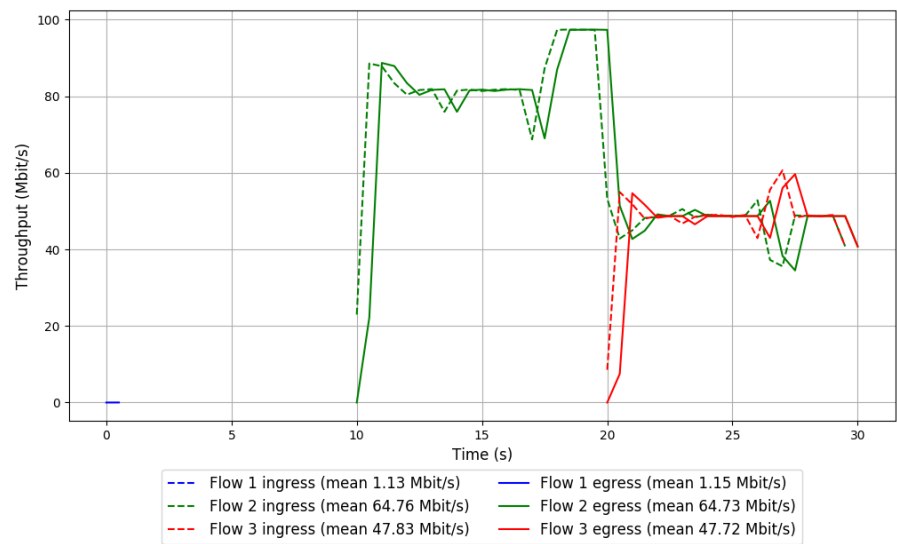


Run 10: Statistics of QUIC Cubic

Start at: 2018-05-22 18:18:55
End at: 2018-05-22 18:19:25
Local clock offset: -4.996 ms
Remote clock offset: -3.341 ms

Below is generated by plot.py at 2018-05-22 18:41:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 58.85 Mbit/s
95th percentile per-packet one-way delay: 13.158 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 1.15 Mbit/s
95th percentile per-packet one-way delay: 3.179 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 64.73 Mbit/s
95th percentile per-packet one-way delay: 12.599 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 47.72 Mbit/s
95th percentile per-packet one-way delay: 14.353 ms
Loss rate: 0.27%

Run 10: Report of QUIC Cubic — Data Link

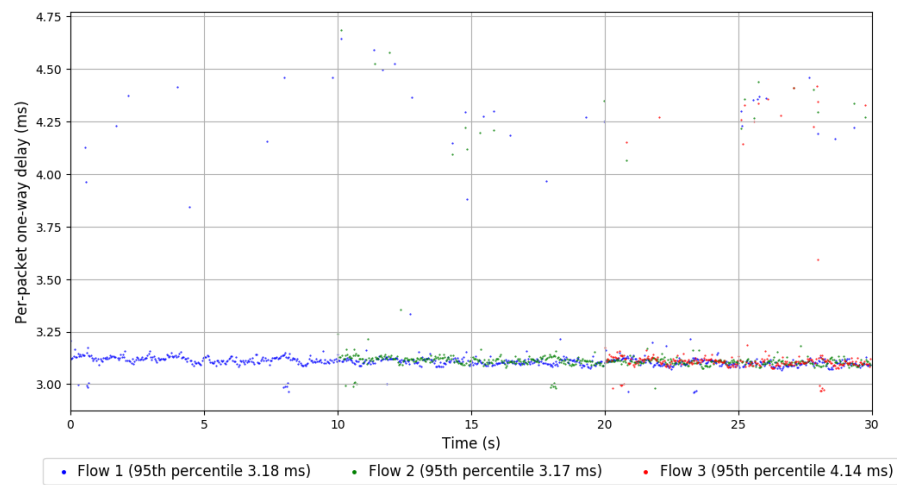
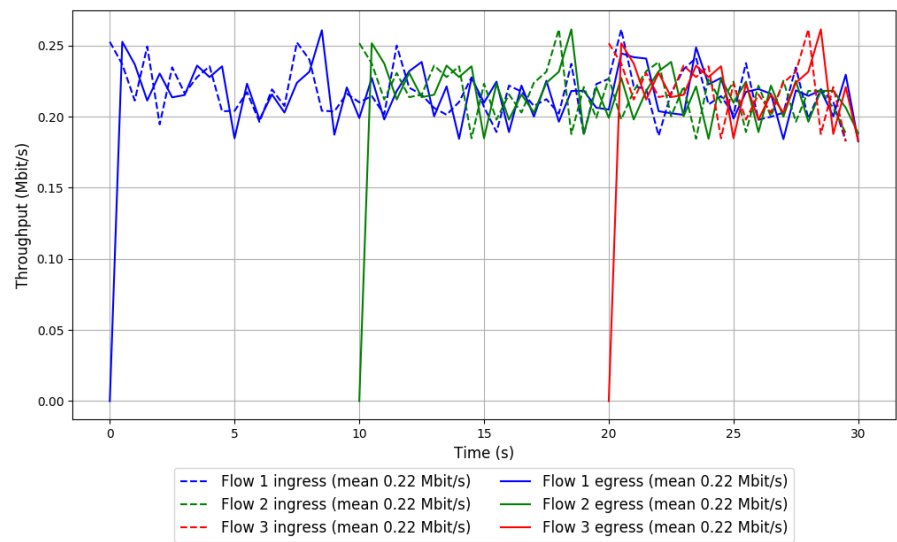


Run 1: Statistics of SReAM

Start at: 2018-05-22 15:44:05
End at: 2018-05-22 15:44:35
Local clock offset: -5.369 ms
Remote clock offset: -2.471 ms

Below is generated by plot.py at 2018-05-22 18:41:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 3.181 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.184 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.166 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 4.142 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

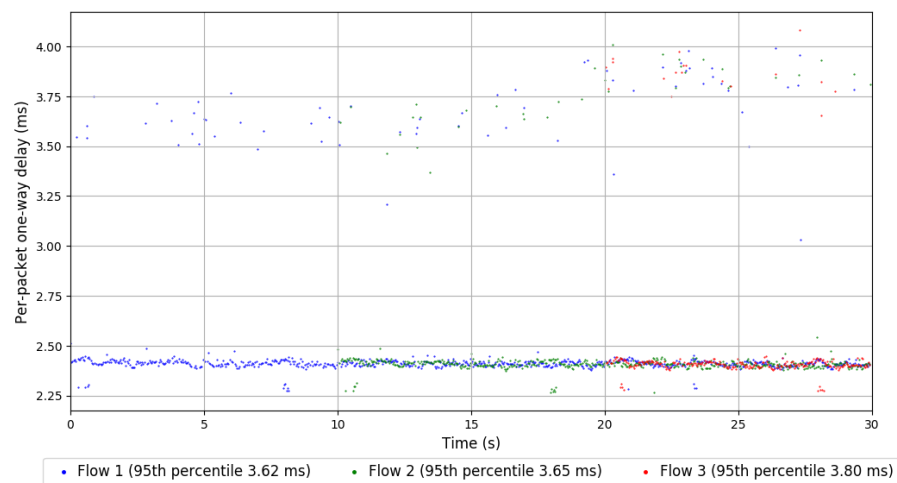
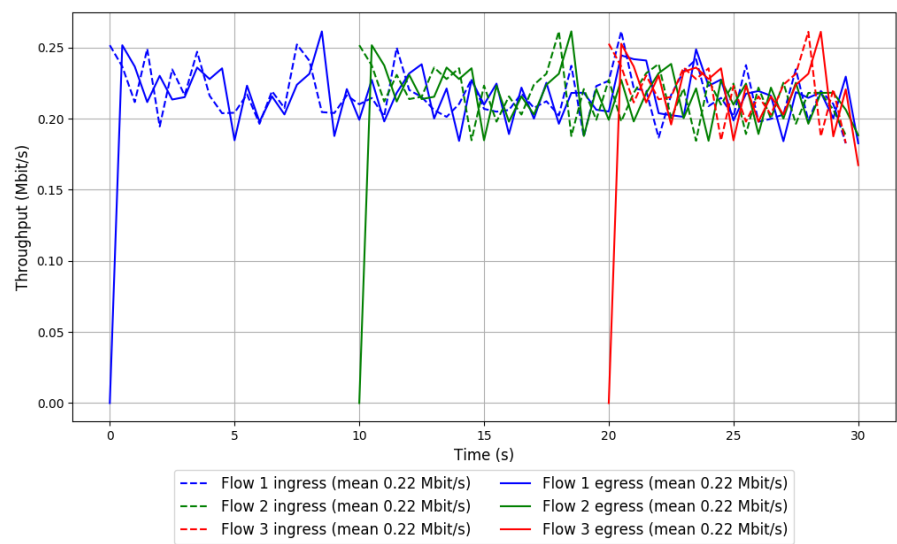


Run 2: Statistics of SReAM

Start at: 2018-05-22 16:01:49
End at: 2018-05-22 16:02:19
Local clock offset: -6.104 ms
Remote clock offset: -2.85 ms

Below is generated by plot.py at 2018-05-22 18:41:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 3.646 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.622 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.646 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.800 ms
Loss rate: 0.35%

Run 2: Report of SReAM — Data Link

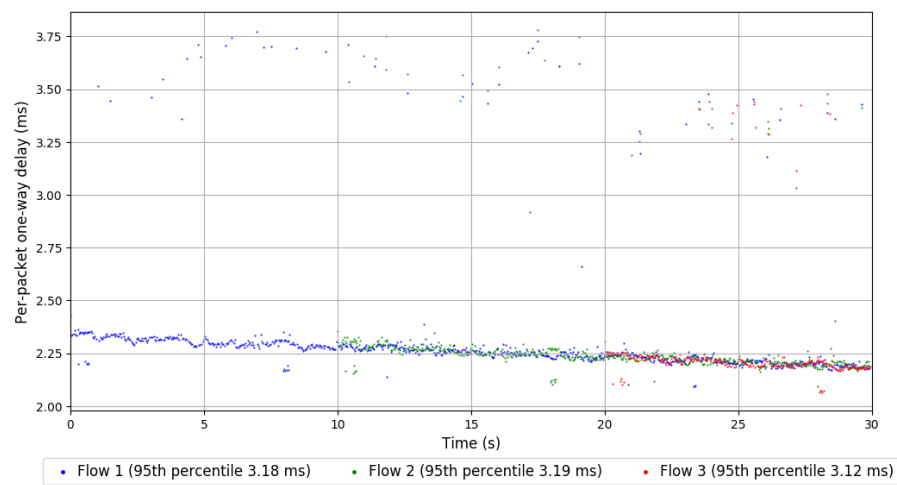
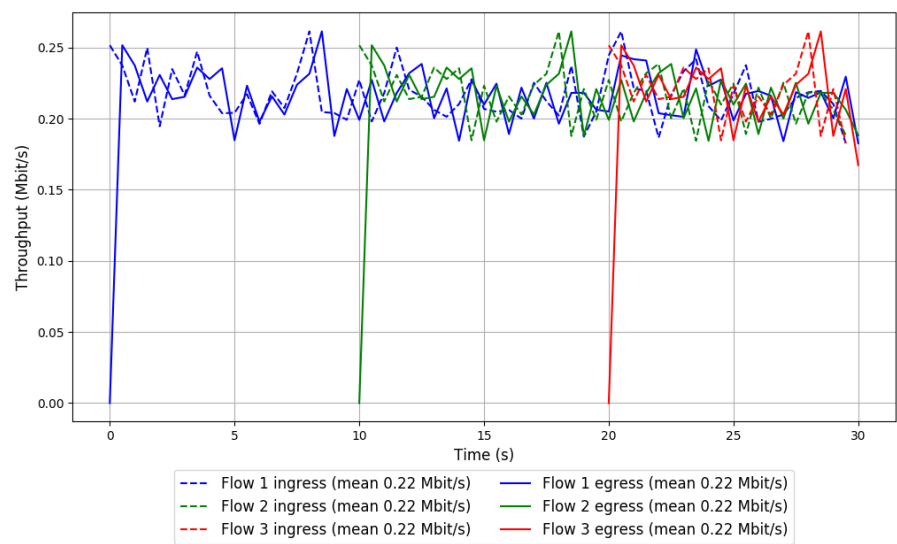


Run 3: Statistics of SReAM

Start at: 2018-05-22 16:19:31
End at: 2018-05-22 16:20:01
Local clock offset: -6.036 ms
Remote clock offset: -5.786 ms

Below is generated by plot.py at 2018-05-22 18:41:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 3.180 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.180 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.187 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.115 ms
Loss rate: 0.35%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SReAM

Start at: 2018-05-22 16:37:17

End at: 2018-05-22 16:37:47

Local clock offset: -4.978 ms

Remote clock offset: -8.47 ms

Below is generated by plot.py at 2018-05-22 18:41:43

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 3.190 ms

Loss rate: 0.06%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 3.203 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 3.124 ms

Loss rate: 0.00%

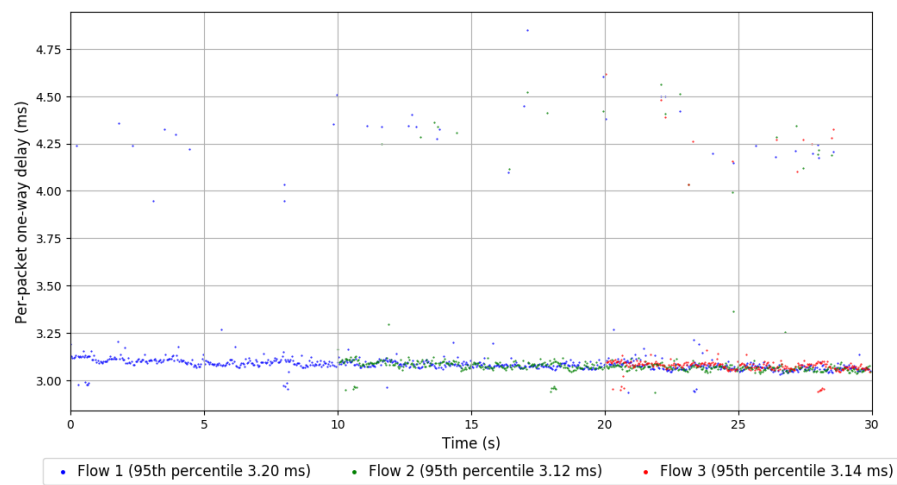
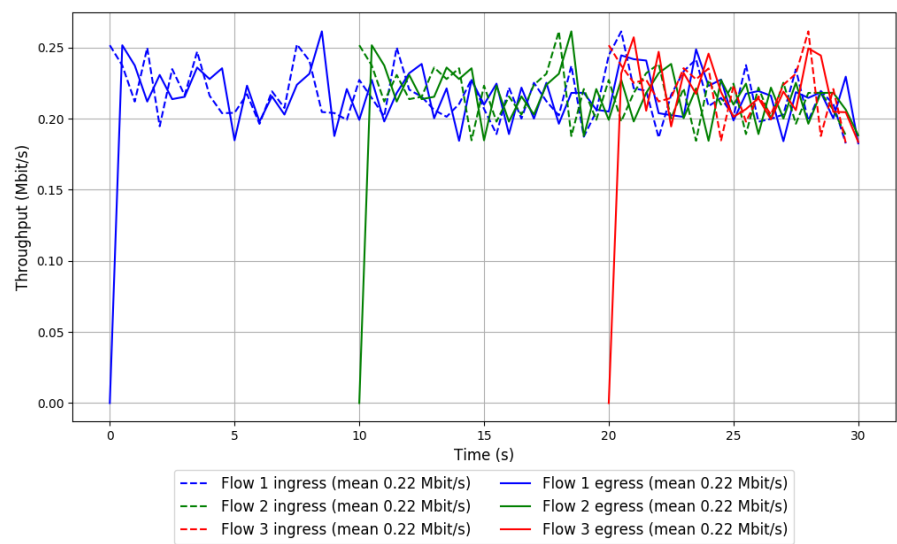
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 3.139 ms

Loss rate: 0.35%

Run 4: Report of SReAM — Data Link

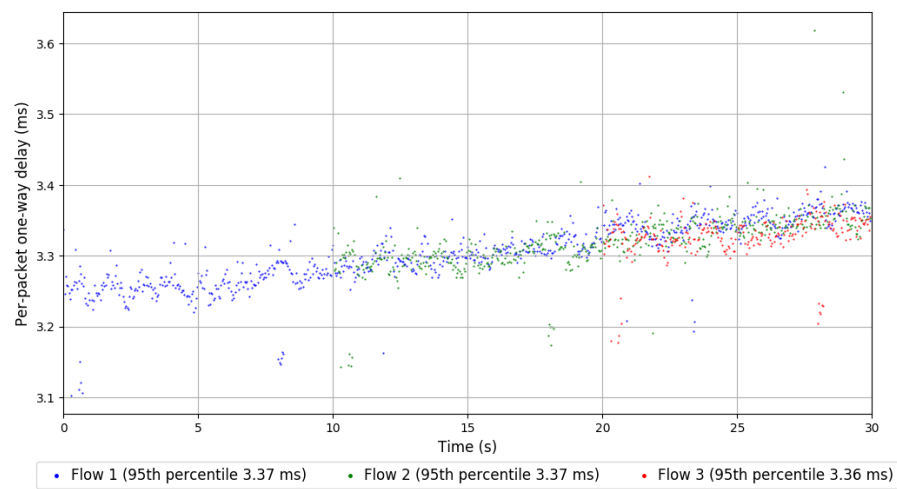
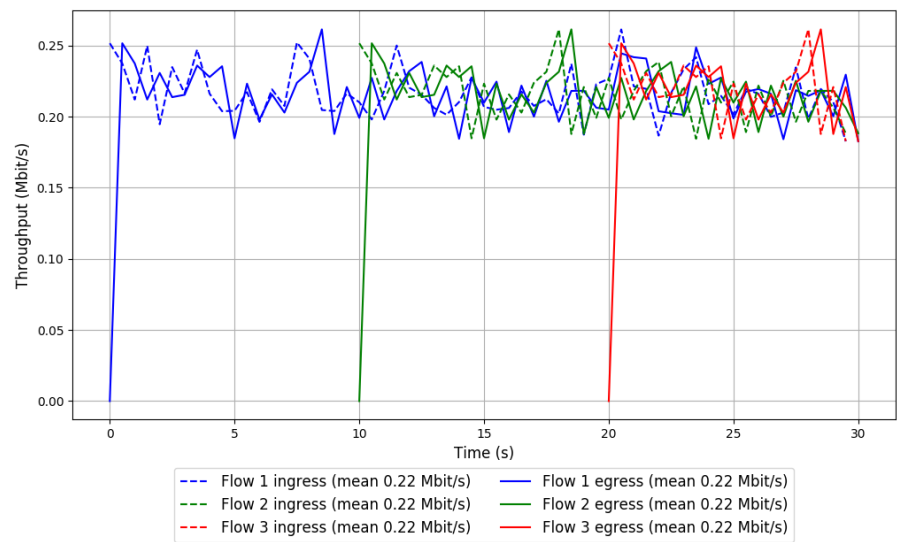


Run 5: Statistics of SReAM

Start at: 2018-05-22 16:55:07
End at: 2018-05-22 16:55:37
Local clock offset: -4.829 ms
Remote clock offset: -5.084 ms

Below is generated by plot.py at 2018-05-22 18:41:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 3.367 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.368 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.368 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.362 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

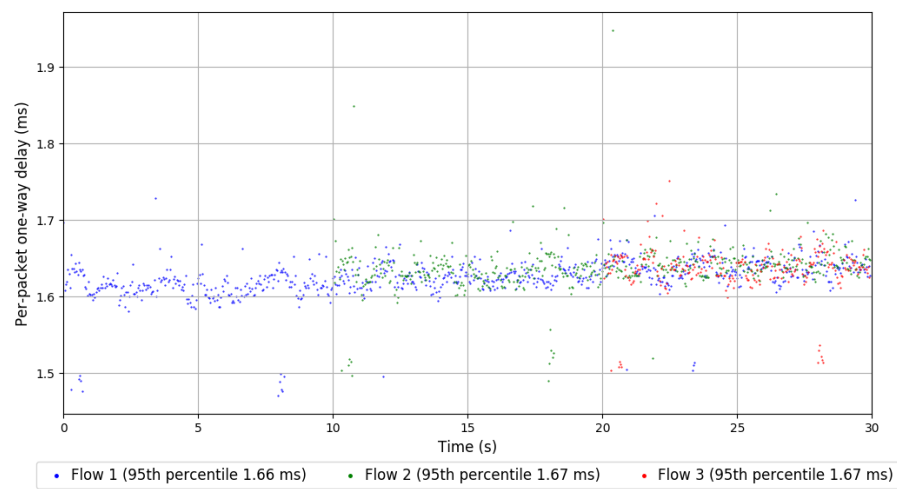
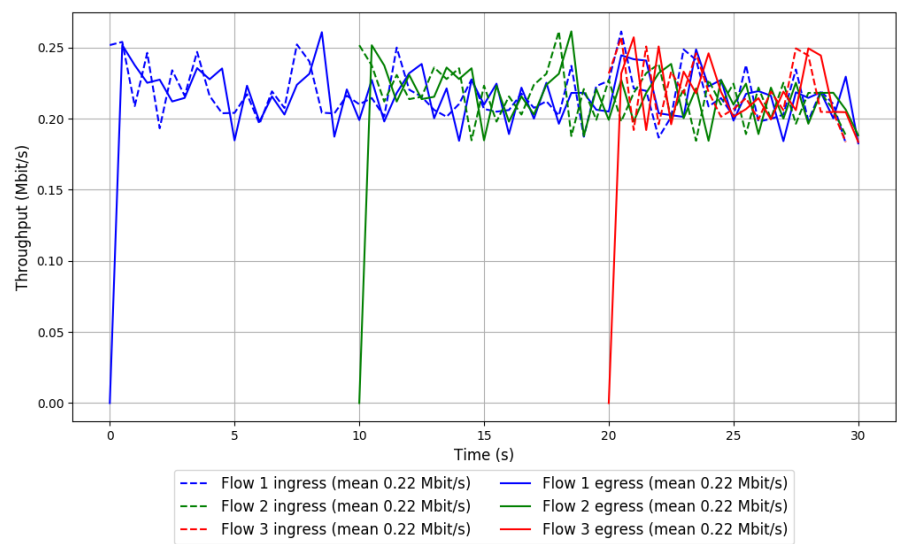


Run 6: Statistics of SReAM

Start at: 2018-05-22 17:12:59
End at: 2018-05-22 17:13:29
Local clock offset: -6.813 ms
Remote clock offset: -2.547 ms

Below is generated by plot.py at 2018-05-22 18:41:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 1.664 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.656 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.673 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.670 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

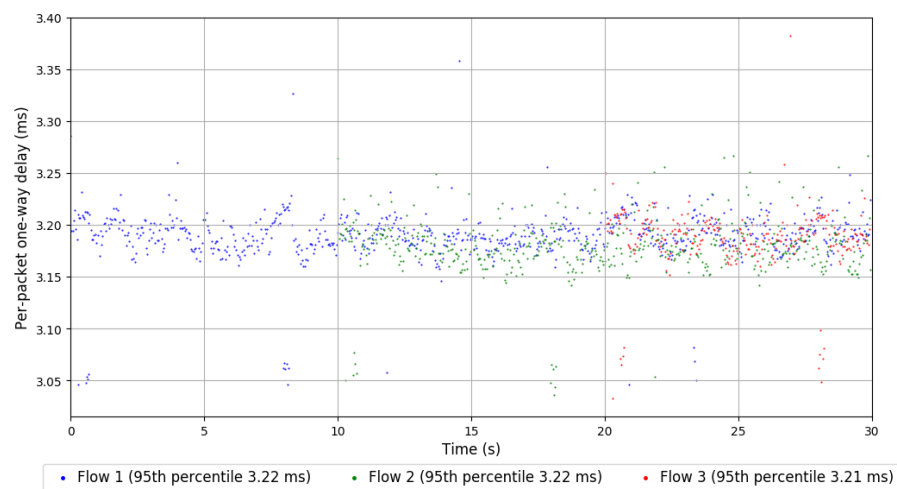
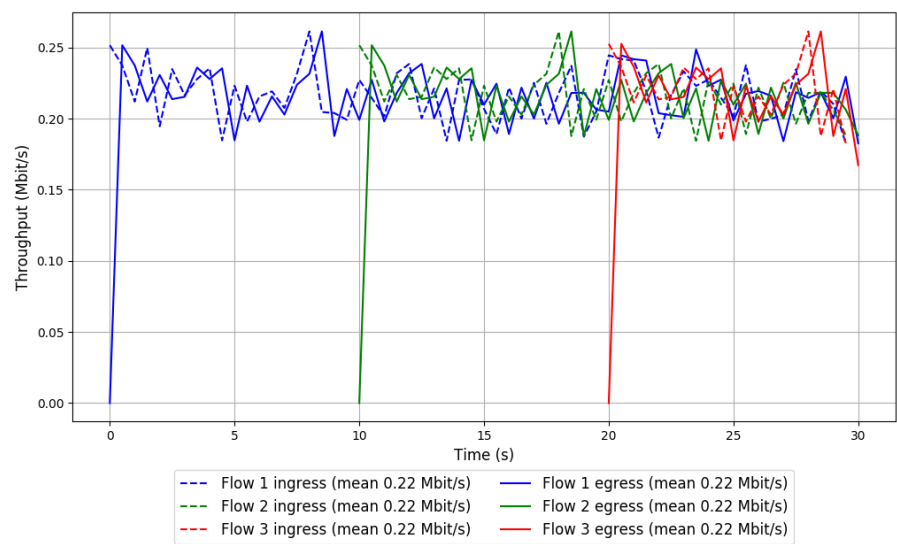


Run 7: Statistics of SReAM

Start at: 2018-05-22 17:30:50
End at: 2018-05-22 17:31:20
Local clock offset: -5.255 ms
Remote clock offset: -2.145 ms

Below is generated by plot.py at 2018-05-22 18:41:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 3.218 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.216 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.223 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.215 ms
Loss rate: 0.35%

Run 7: Report of SReAM — Data Link

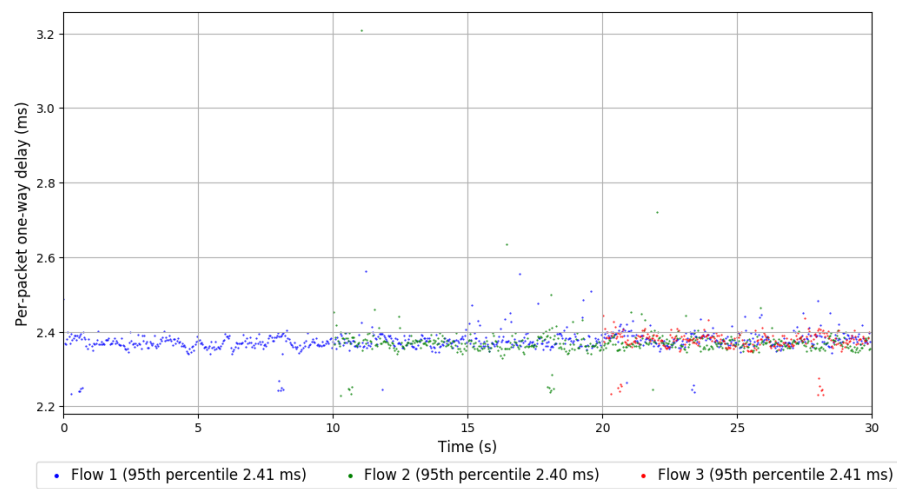
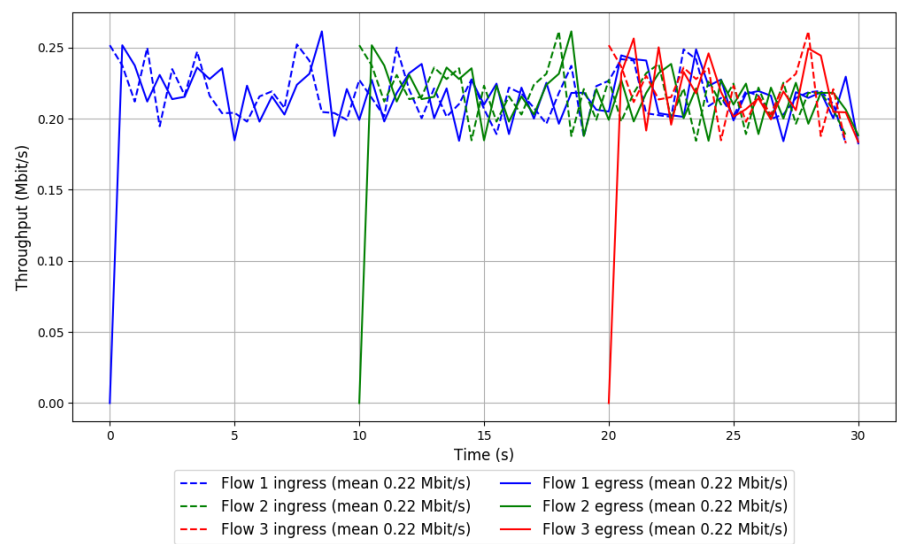


Run 8: Statistics of SReAM

Start at: 2018-05-22 17:48:41
End at: 2018-05-22 17:49:11
Local clock offset: -6.034 ms
Remote clock offset: -1.659 ms

Below is generated by plot.py at 2018-05-22 18:41:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.405 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.407 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.402 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.406 ms
Loss rate: 0.35%

Run 8: Report of SReAM — Data Link

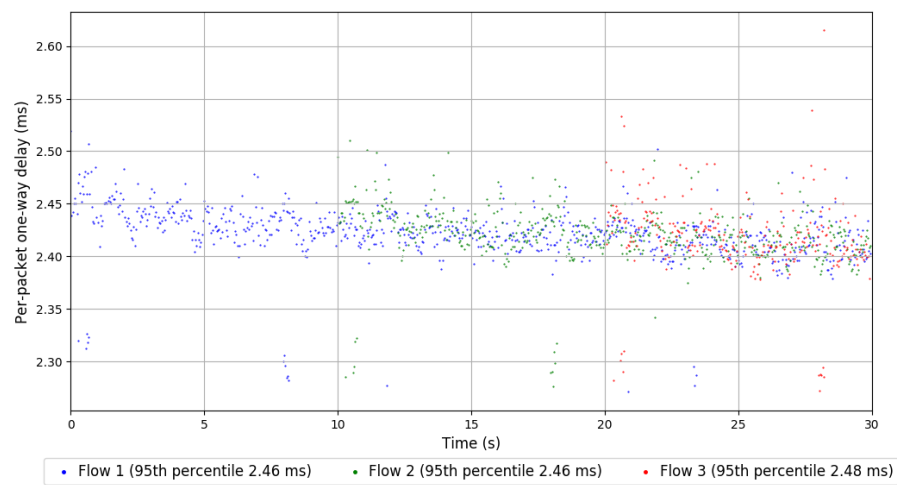
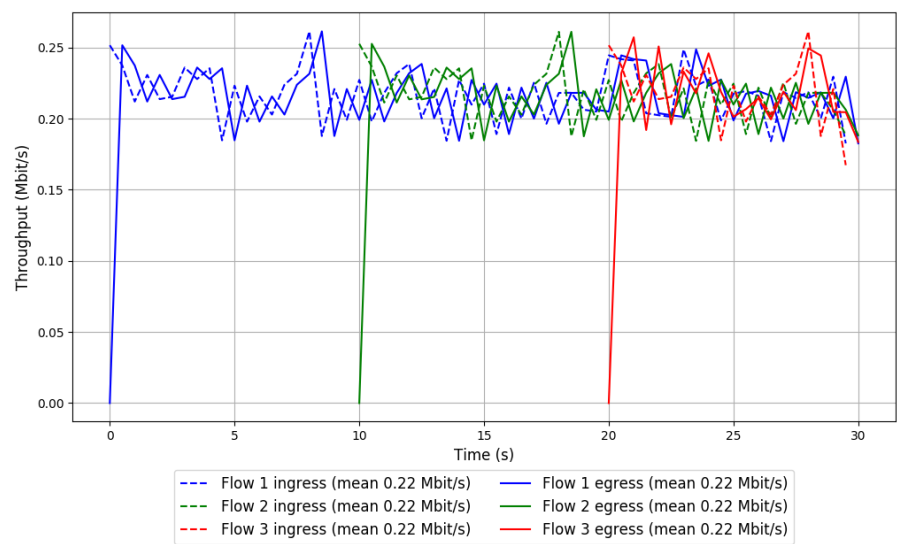


Run 9: Statistics of SReAM

Start at: 2018-05-22 18:06:32
End at: 2018-05-22 18:07:02
Local clock offset: -5.831 ms
Remote clock offset: -2.875 ms

Below is generated by plot.py at 2018-05-22 18:41:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.459 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.455 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.455 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.481 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

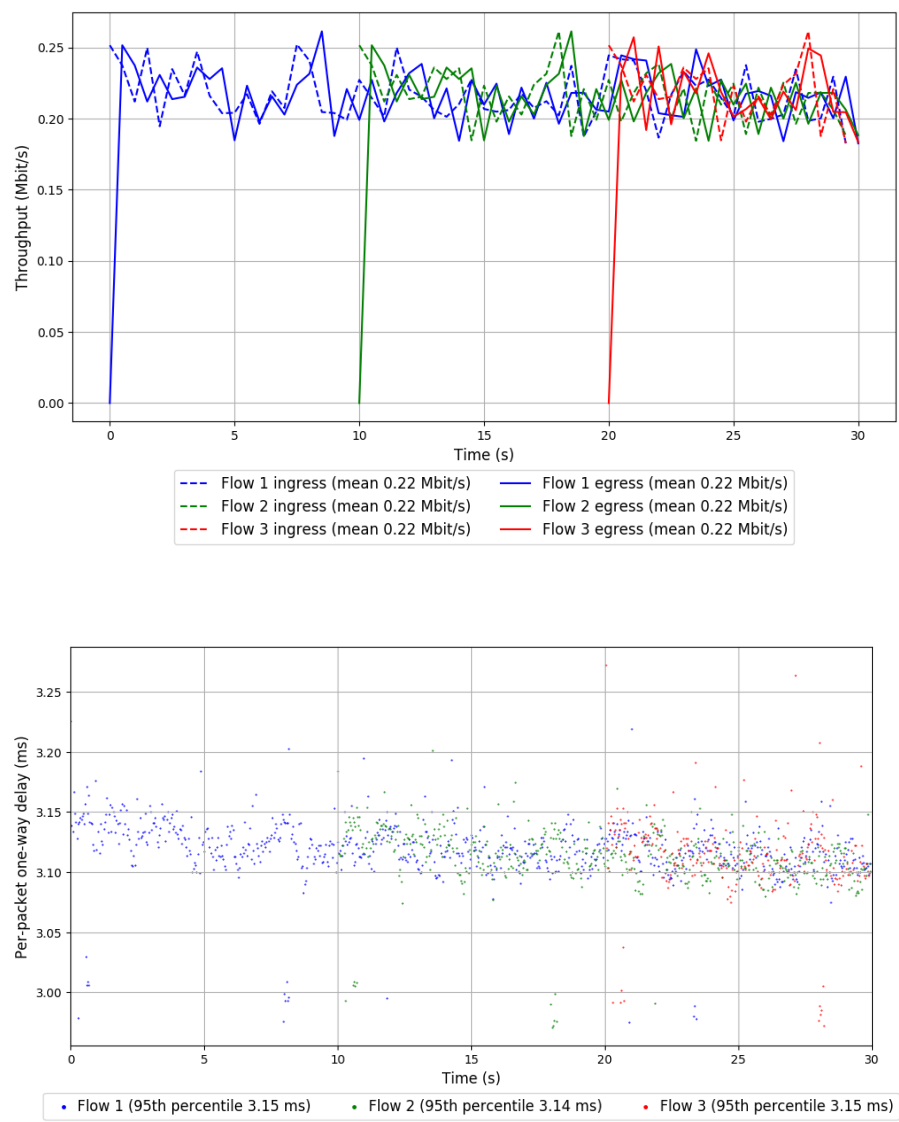


Run 10: Statistics of SReAM

Start at: 2018-05-22 18:24:23
End at: 2018-05-22 18:24:53
Local clock offset: -4.97 ms
Remote clock offset: -3.459 ms

Below is generated by plot.py at 2018-05-22 18:41:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 3.148 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.150 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.143 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.151 ms
Loss rate: 0.35%

Run 10: Report of SCReAM — Data Link

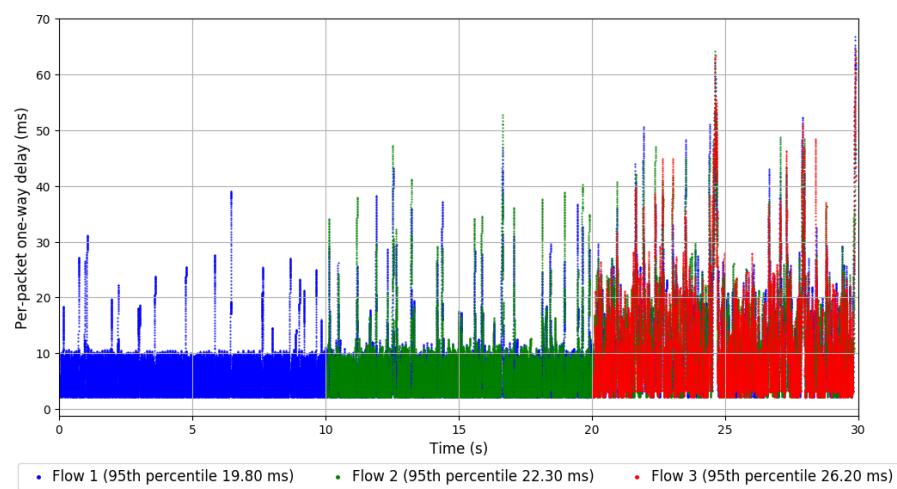
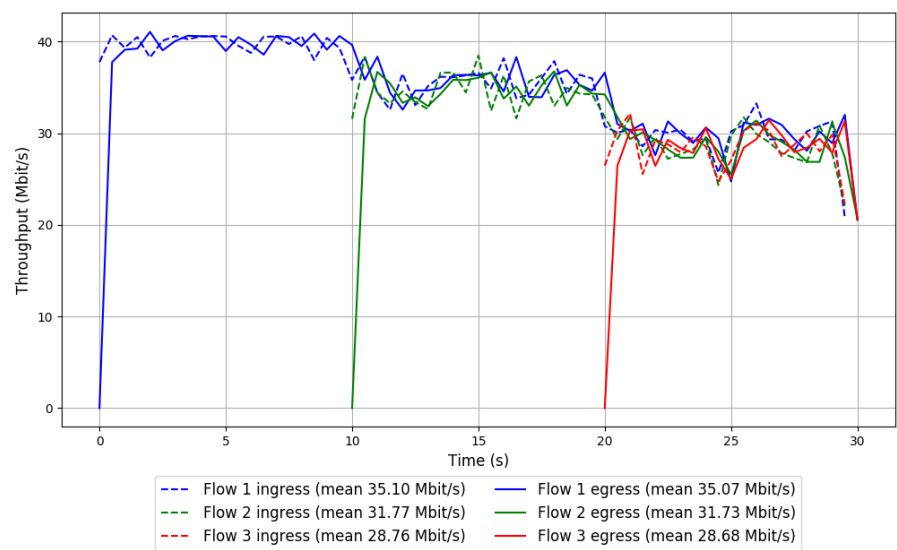


Run 1: Statistics of Sprout

Start at: 2018-05-22 15:47:24
End at: 2018-05-22 15:47:54
Local clock offset: -6.218 ms
Remote clock offset: -2.553 ms

Below is generated by plot.py at 2018-05-22 18:42:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 65.64 Mbit/s
95th percentile per-packet one-way delay: 21.708 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 35.07 Mbit/s
95th percentile per-packet one-way delay: 19.797 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 31.73 Mbit/s
95th percentile per-packet one-way delay: 22.299 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 28.68 Mbit/s
95th percentile per-packet one-way delay: 26.197 ms
Loss rate: 0.35%

Run 1: Report of Sprout — Data Link

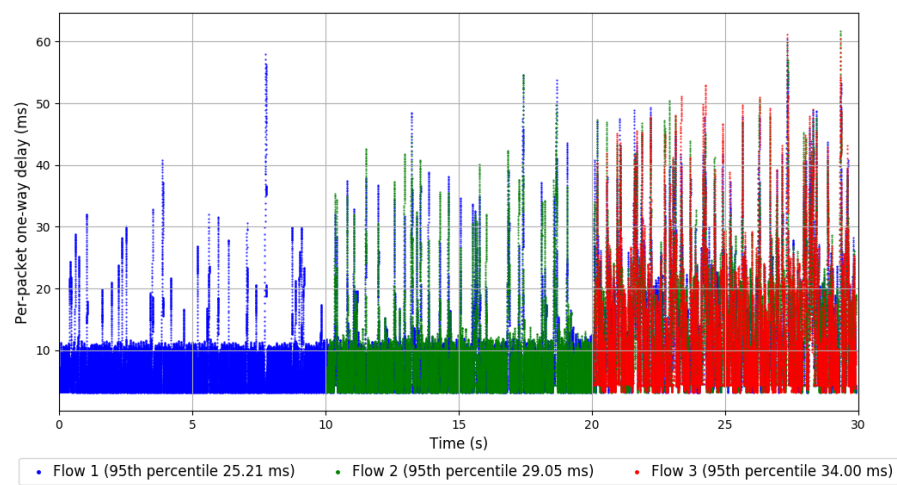
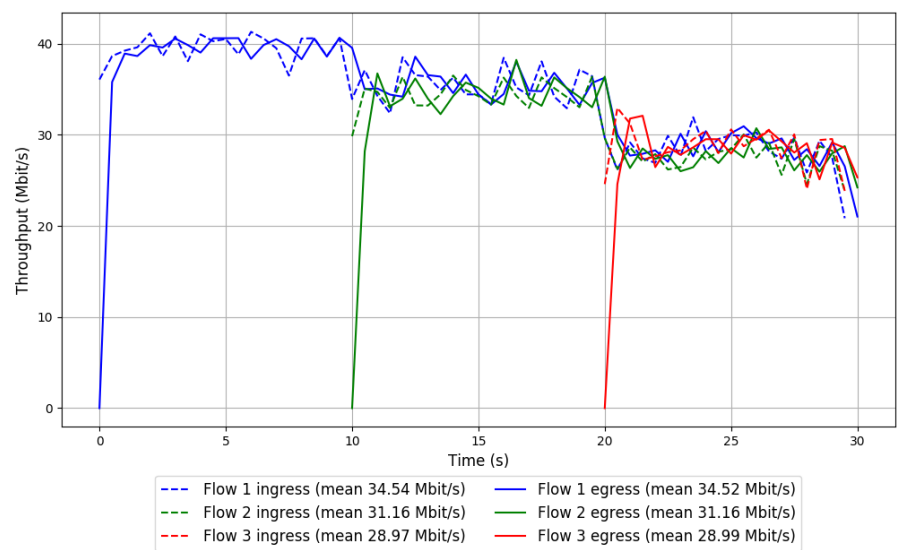


Run 2: Statistics of Sprout

Start at: 2018-05-22 16:05:08
End at: 2018-05-22 16:05:38
Local clock offset: -5.307 ms
Remote clock offset: -2.82 ms

```
# Below is generated by plot.py at 2018-05-22 18:42:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 64.78 Mbit/s
95th percentile per-packet one-way delay: 27.975 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 34.52 Mbit/s
95th percentile per-packet one-way delay: 25.206 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 31.16 Mbit/s
95th percentile per-packet one-way delay: 29.045 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 28.99 Mbit/s
95th percentile per-packet one-way delay: 33.997 ms
Loss rate: 0.07%
```

Run 2: Report of Sprout — Data Link

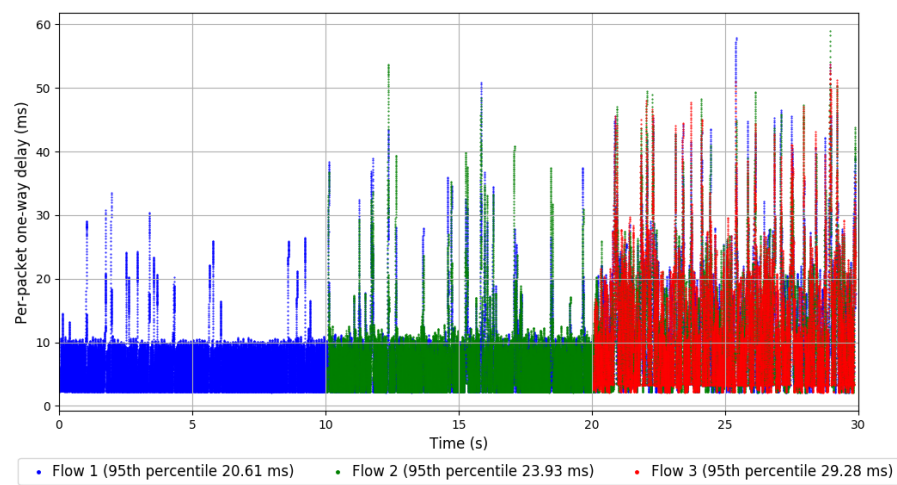
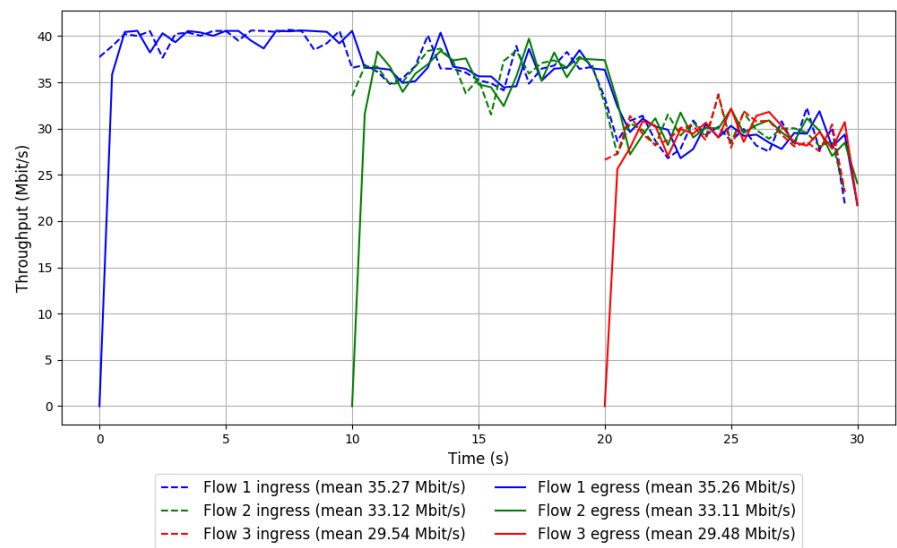


Run 3: Statistics of Sprout

Start at: 2018-05-22 16:22:51
End at: 2018-05-22 16:23:21
Local clock offset: -6.01 ms
Remote clock offset: -6.528 ms

```
# Below is generated by plot.py at 2018-05-22 18:42:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 67.00 Mbit/s
95th percentile per-packet one-way delay: 23.362 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 35.26 Mbit/s
95th percentile per-packet one-way delay: 20.606 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 33.11 Mbit/s
95th percentile per-packet one-way delay: 23.927 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 29.48 Mbit/s
95th percentile per-packet one-way delay: 29.280 ms
Loss rate: 0.25%
```

Run 3: Report of Sprout — Data Link

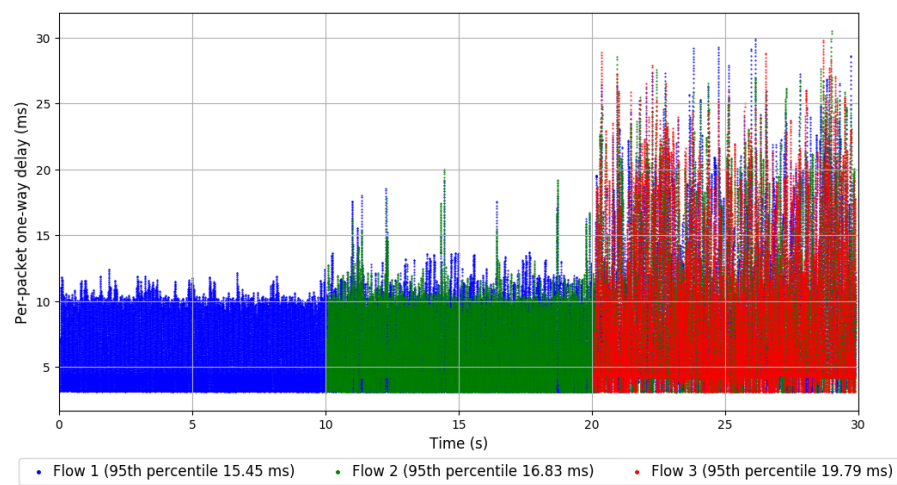
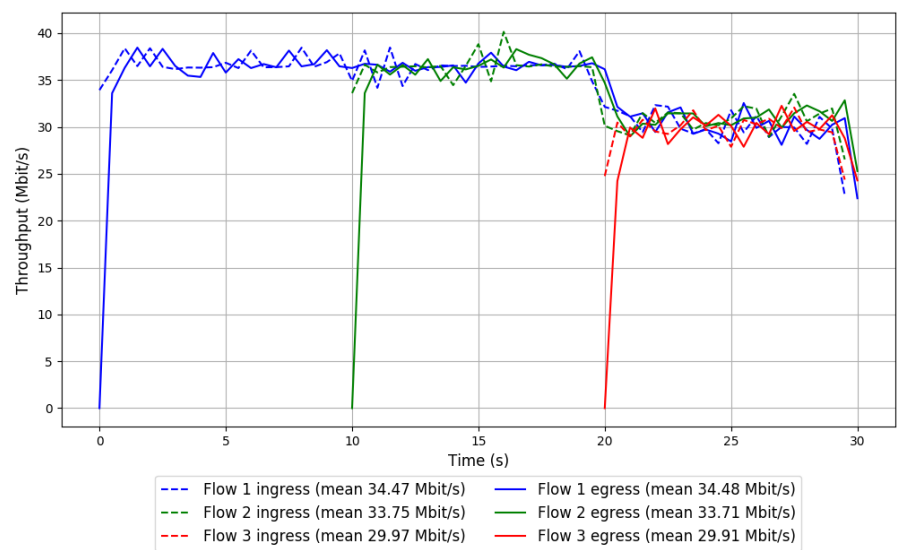


Run 4: Statistics of Sprout

Start at: 2018-05-22 16:40:38
End at: 2018-05-22 16:41:08
Local clock offset: -4.948 ms
Remote clock offset: -8.743 ms

```
# Below is generated by plot.py at 2018-05-22 18:42:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 66.74 Mbit/s
95th percentile per-packet one-way delay: 17.162 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 34.48 Mbit/s
95th percentile per-packet one-way delay: 15.445 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 33.71 Mbit/s
95th percentile per-packet one-way delay: 16.829 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 29.91 Mbit/s
95th percentile per-packet one-way delay: 19.785 ms
Loss rate: 0.12%
```

Run 4: Report of Sprout — Data Link

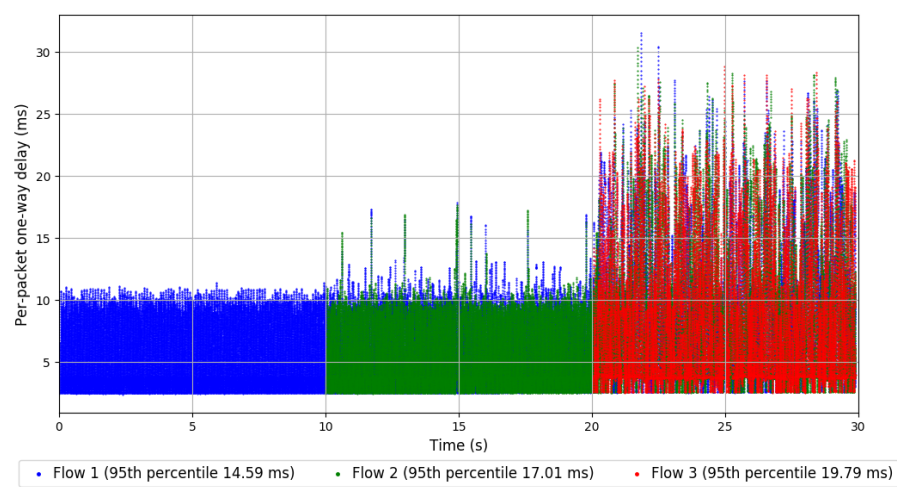
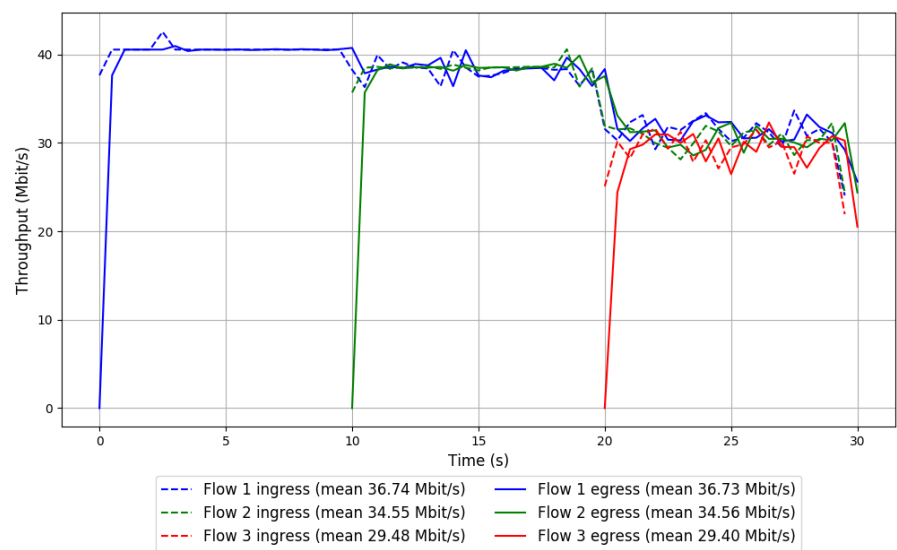


Run 5: Statistics of Sprout

Start at: 2018-05-22 16:58:28
End at: 2018-05-22 16:58:58
Local clock offset: -5.671 ms
Remote clock offset: -4.263 ms

```
# Below is generated by plot.py at 2018-05-22 18:42:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 69.40 Mbit/s
95th percentile per-packet one-way delay: 16.875 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 36.73 Mbit/s
95th percentile per-packet one-way delay: 14.592 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 34.56 Mbit/s
95th percentile per-packet one-way delay: 17.010 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 29.40 Mbit/s
95th percentile per-packet one-way delay: 19.791 ms
Loss rate: 0.30%
```


Run 5: Report of Sprout — Data Link

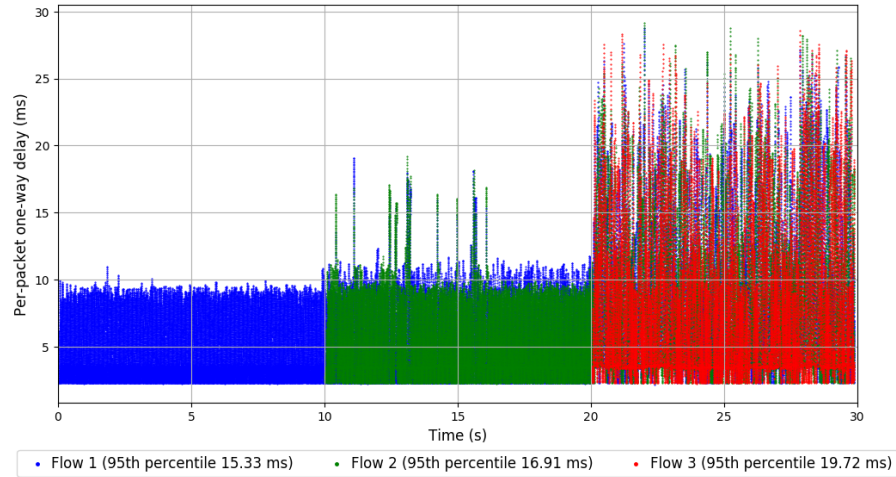
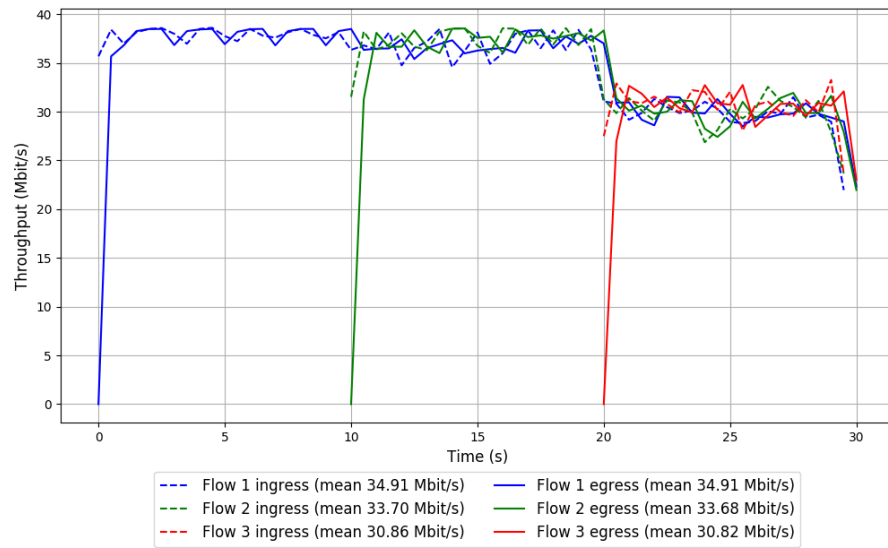


Run 6: Statistics of Sprout

Start at: 2018-05-22 17:16:20
End at: 2018-05-22 17:16:50
Local clock offset: -6.07 ms
Remote clock offset: -2.247 ms

Below is generated by plot.py at 2018-05-22 18:42:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 67.46 Mbit/s
95th percentile per-packet one-way delay: 17.072 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 34.91 Mbit/s
95th percentile per-packet one-way delay: 15.328 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 33.68 Mbit/s
95th percentile per-packet one-way delay: 16.906 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 30.82 Mbit/s
95th percentile per-packet one-way delay: 19.718 ms
Loss rate: 0.29%

Run 6: Report of Sprout — Data Link

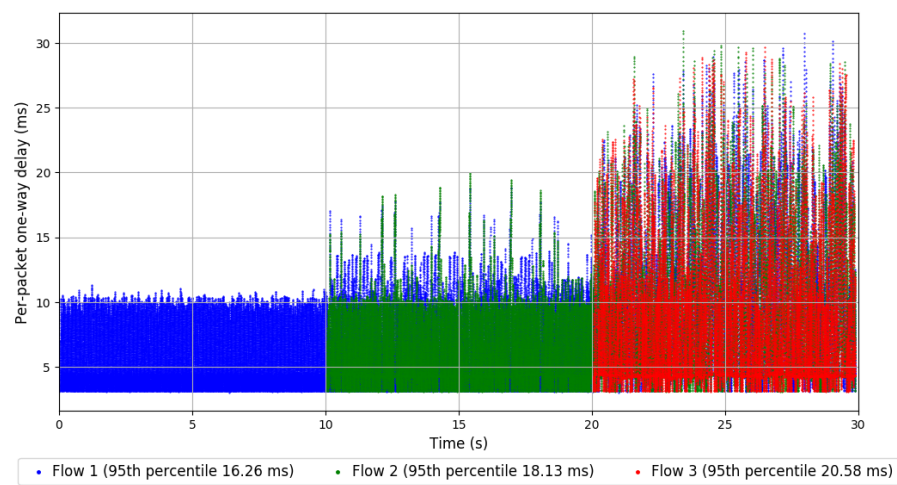
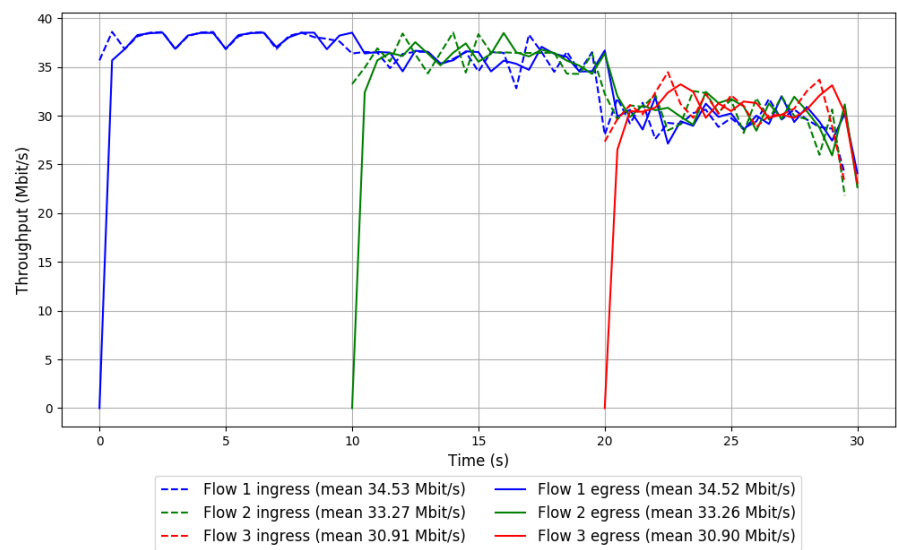


Run 7: Statistics of Sprout

Start at: 2018-05-22 17:34:10
End at: 2018-05-22 17:34:40
Local clock offset: -5.229 ms
Remote clock offset: -2.018 ms

Below is generated by plot.py at 2018-05-22 18:42:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 66.82 Mbit/s
95th percentile per-packet one-way delay: 18.009 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.52 Mbit/s
95th percentile per-packet one-way delay: 16.258 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 33.26 Mbit/s
95th percentile per-packet one-way delay: 18.126 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.90 Mbit/s
95th percentile per-packet one-way delay: 20.582 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

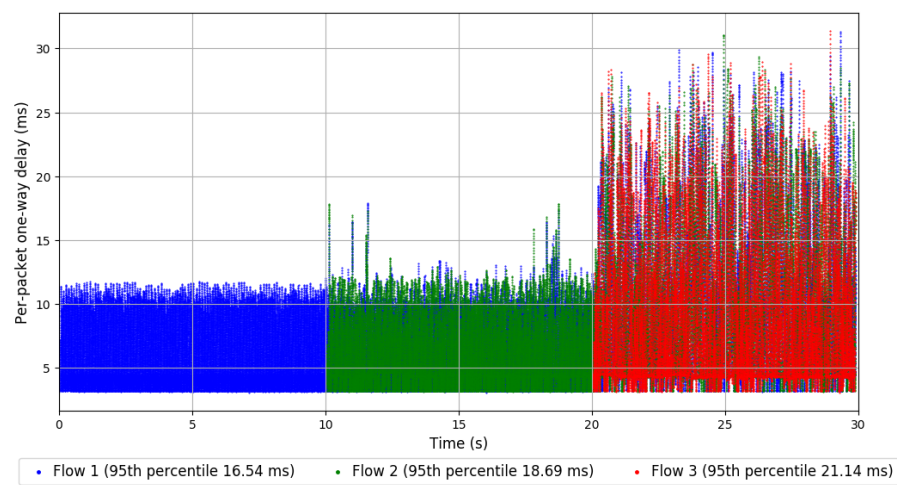
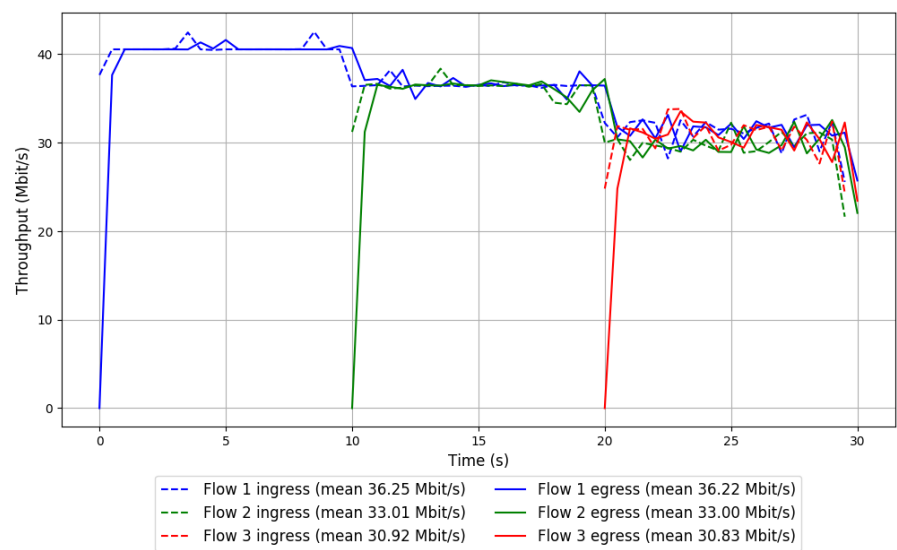


Run 8: Statistics of Sprout

Start at: 2018-05-22 17:52:01
End at: 2018-05-22 17:52:31
Local clock offset: -5.204 ms
Remote clock offset: -1.537 ms

Below is generated by plot.py at 2018-05-22 18:42:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 68.33 Mbit/s
95th percentile per-packet one-way delay: 18.598 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 36.22 Mbit/s
95th percentile per-packet one-way delay: 16.542 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 33.00 Mbit/s
95th percentile per-packet one-way delay: 18.689 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 30.83 Mbit/s
95th percentile per-packet one-way delay: 21.136 ms
Loss rate: 0.17%

Run 8: Report of Sprout — Data Link

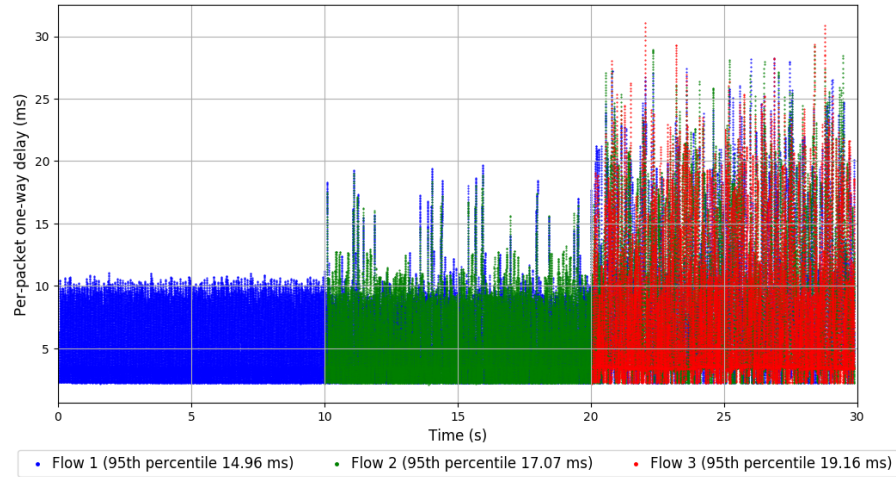
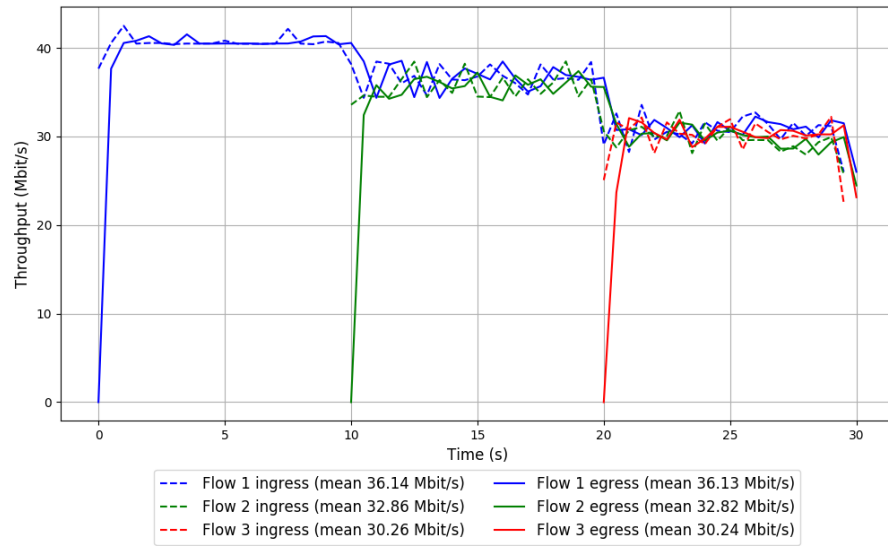


Run 9: Statistics of Sprout

Start at: 2018-05-22 18:09:52
End at: 2018-05-22 18:10:22
Local clock offset: -5.891 ms
Remote clock offset: -2.964 ms

Below is generated by plot.py at 2018-05-22 18:42:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 67.93 Mbit/s
95th percentile per-packet one-way delay: 16.810 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 36.13 Mbit/s
95th percentile per-packet one-way delay: 14.962 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.82 Mbit/s
95th percentile per-packet one-way delay: 17.065 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 30.24 Mbit/s
95th percentile per-packet one-way delay: 19.164 ms
Loss rate: 0.05%

Run 9: Report of Sprout — Data Link

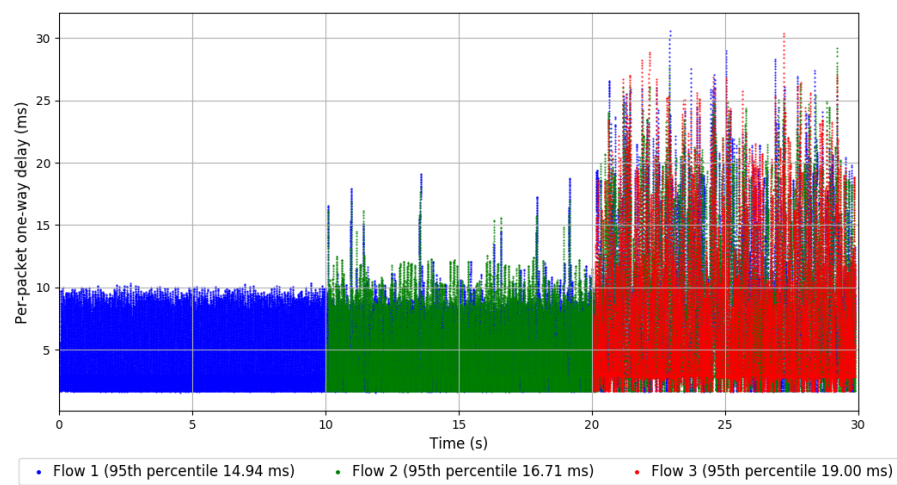
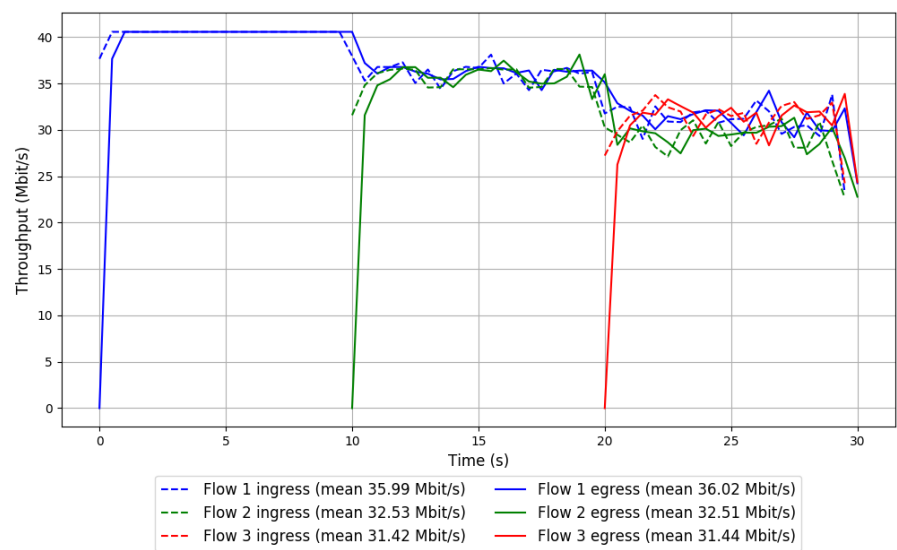


Run 10: Statistics of Sprout

Start at: 2018-05-22 18:27:43
End at: 2018-05-22 18:28:13
Local clock offset: -6.506 ms
Remote clock offset: -3.618 ms

Below is generated by plot.py at 2018-05-22 18:42:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 67.99 Mbit/s
95th percentile per-packet one-way delay: 16.584 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 36.02 Mbit/s
95th percentile per-packet one-way delay: 14.939 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 32.51 Mbit/s
95th percentile per-packet one-way delay: 16.708 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 31.44 Mbit/s
95th percentile per-packet one-way delay: 19.003 ms
Loss rate: 0.06%

Run 10: Report of Sprout — Data Link

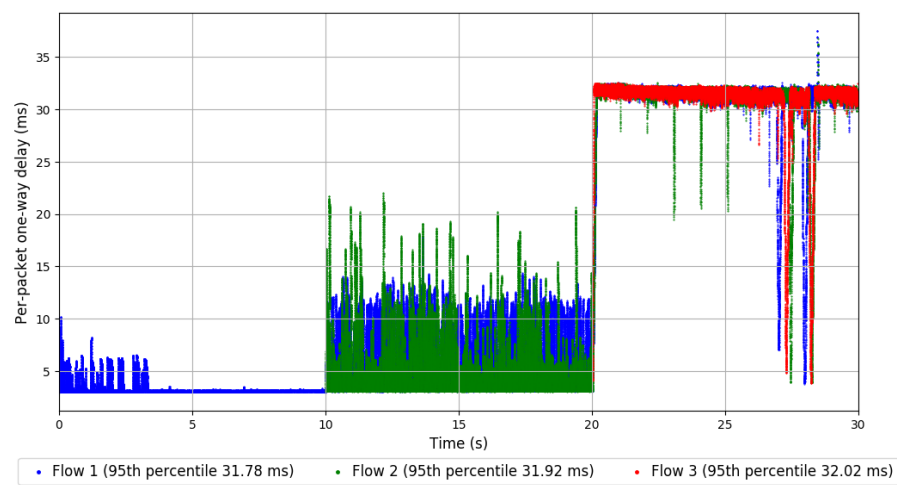
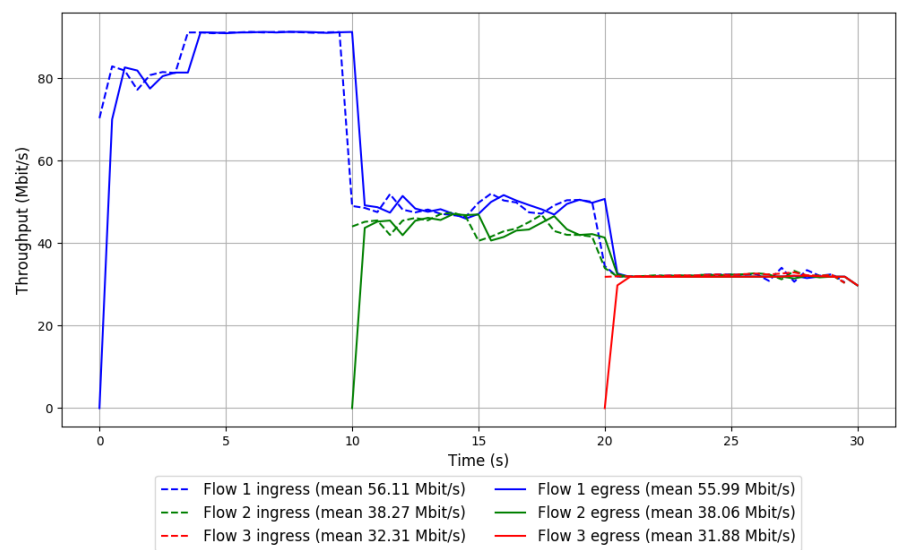


Run 1: Statistics of TaoVA-100x

Start at: 2018-05-22 15:35:10
End at: 2018-05-22 15:35:40
Local clock offset: -5.308 ms
Remote clock offset: -2.039 ms

Below is generated by plot.py at 2018-05-22 18:44:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.93 Mbit/s
95th percentile per-packet one-way delay: 31.891 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 55.99 Mbit/s
95th percentile per-packet one-way delay: 31.777 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 38.06 Mbit/s
95th percentile per-packet one-way delay: 31.921 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 31.88 Mbit/s
95th percentile per-packet one-way delay: 32.015 ms
Loss rate: 1.49%

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

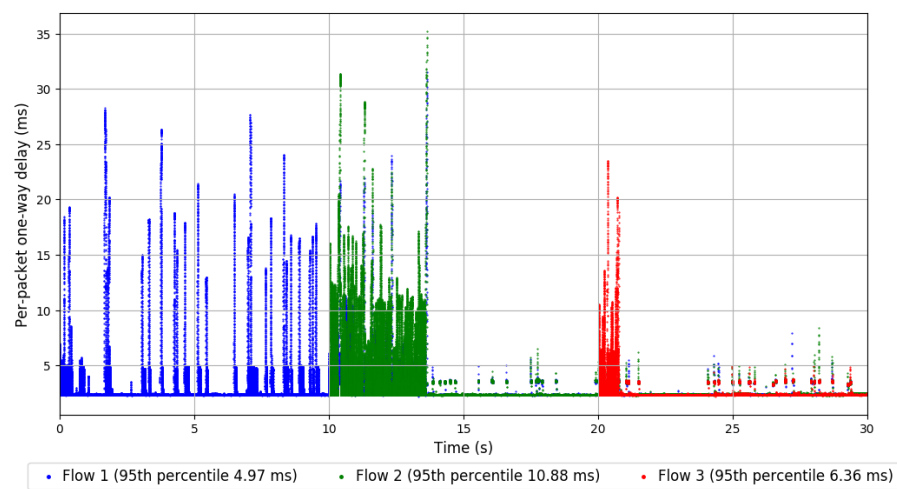
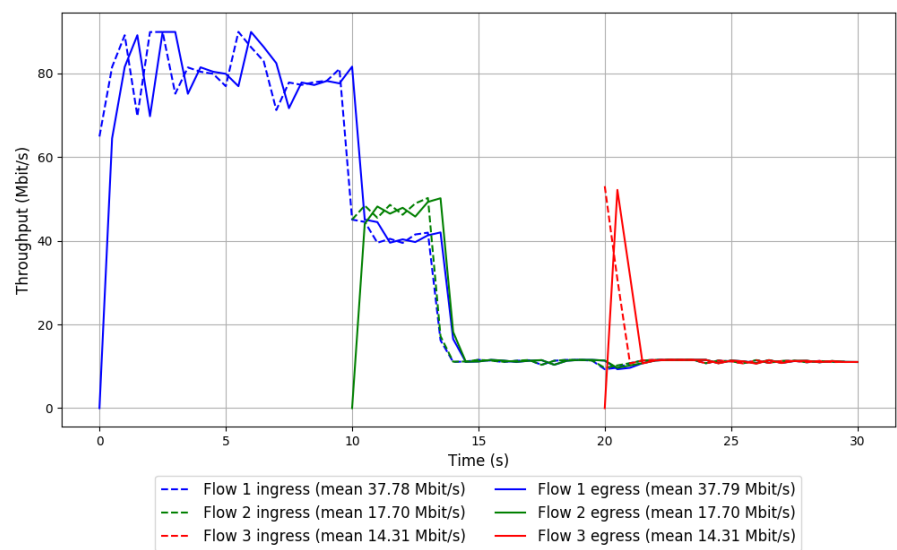


Run 2: Statistics of TaoVA-100x

Start at: 2018-05-22 15:52:57
End at: 2018-05-22 15:53:27
Local clock offset: -6.167 ms
Remote clock offset: -2.729 ms

Below is generated by plot.py at 2018-05-22 18:44:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 54.32 Mbit/s
95th percentile per-packet one-way delay: 8.042 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 37.79 Mbit/s
95th percentile per-packet one-way delay: 4.973 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 17.70 Mbit/s
95th percentile per-packet one-way delay: 10.880 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 14.31 Mbit/s
95th percentile per-packet one-way delay: 6.364 ms
Loss rate: 0.03%

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

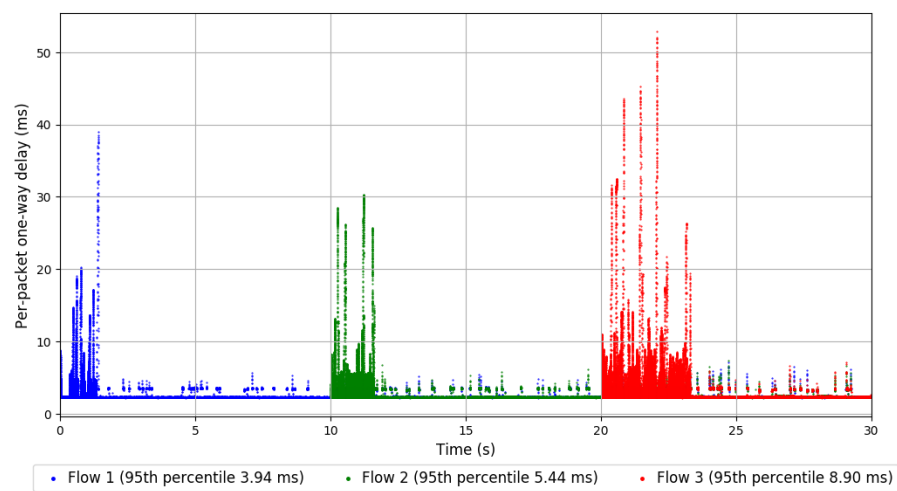
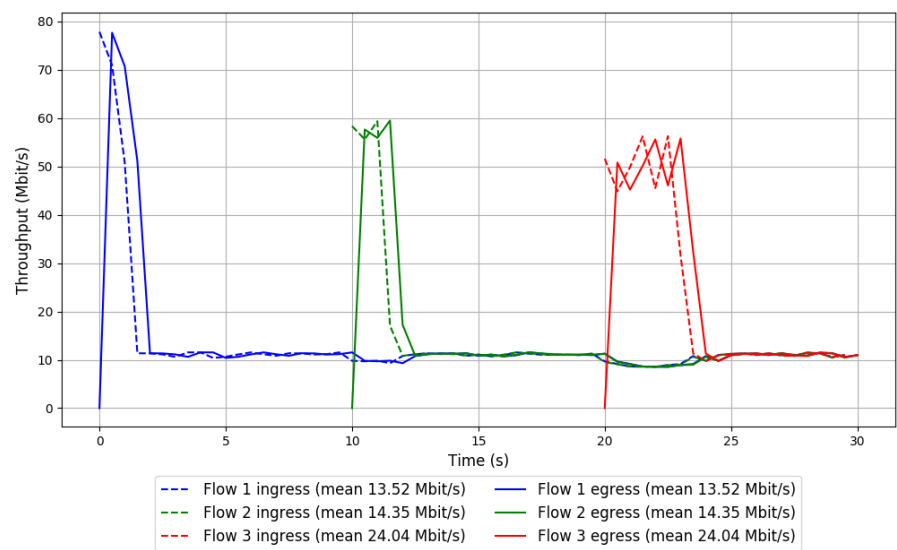


Run 3: Statistics of TaoVA-100x

Start at: 2018-05-22 16:10:41
End at: 2018-05-22 16:11:11
Local clock offset: -6.039 ms
Remote clock offset: -2.691 ms

Below is generated by plot.py at 2018-05-22 18:44:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 31.06 Mbit/s
95th percentile per-packet one-way delay: 6.056 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 13.52 Mbit/s
95th percentile per-packet one-way delay: 3.944 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 14.35 Mbit/s
95th percentile per-packet one-way delay: 5.437 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 24.04 Mbit/s
95th percentile per-packet one-way delay: 8.901 ms
Loss rate: 0.02%

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

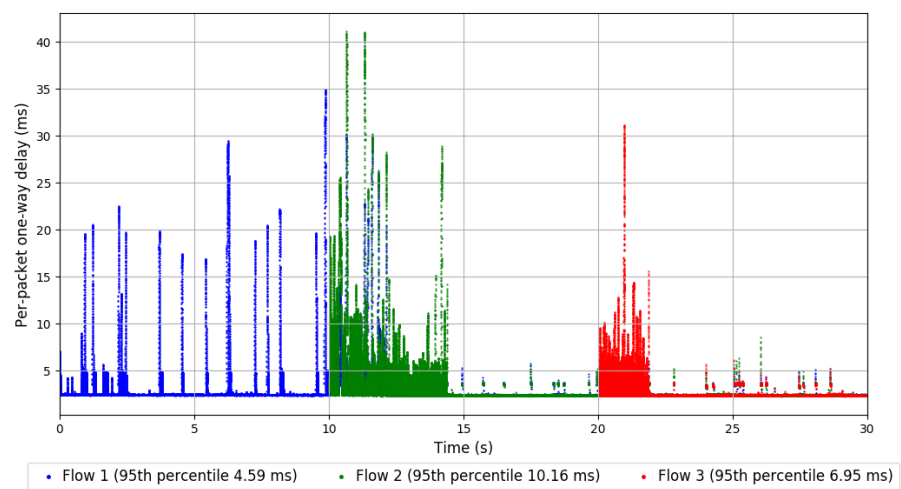
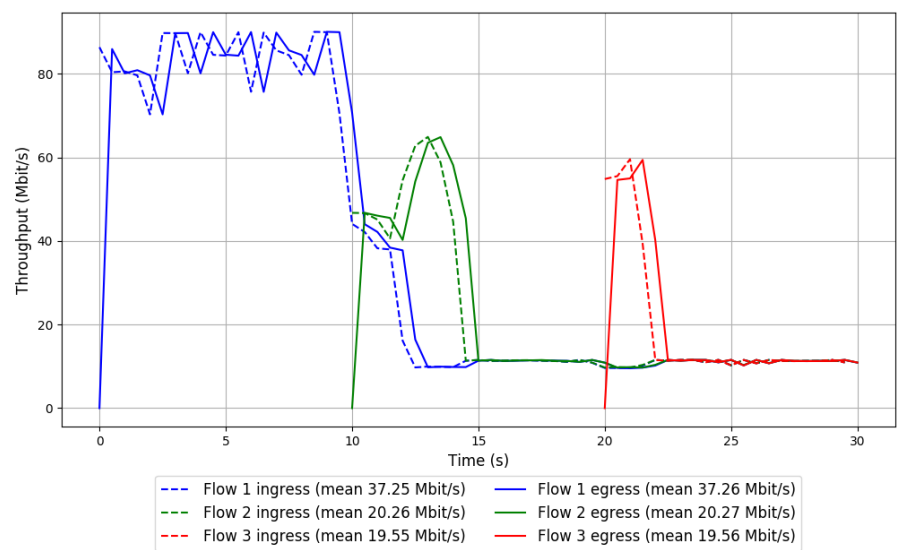


Run 4: Statistics of TaoVA-100x

Start at: 2018-05-22 16:28:25
End at: 2018-05-22 16:28:55
Local clock offset: -5.95 ms
Remote clock offset: -7.654 ms

Below is generated by plot.py at 2018-05-22 18:44:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 57.25 Mbit/s
95th percentile per-packet one-way delay: 6.535 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 37.26 Mbit/s
95th percentile per-packet one-way delay: 4.586 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 20.27 Mbit/s
95th percentile per-packet one-way delay: 10.159 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 19.56 Mbit/s
95th percentile per-packet one-way delay: 6.953 ms
Loss rate: 0.02%

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

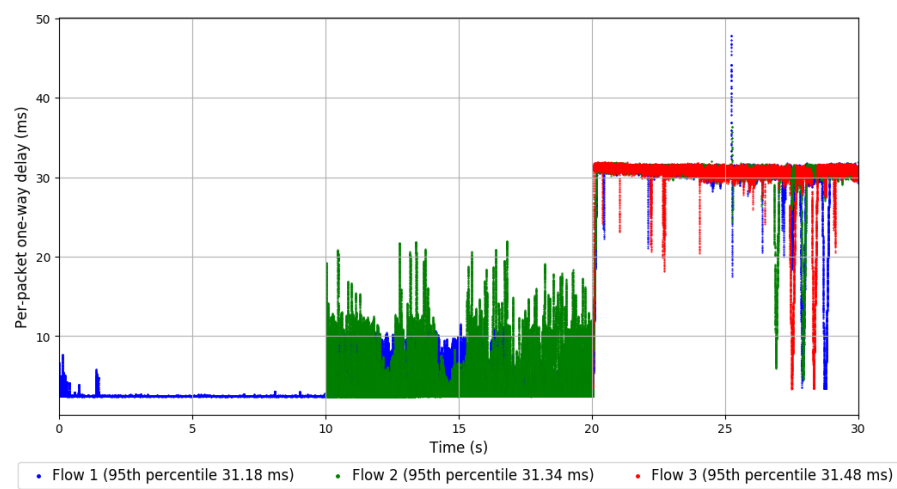
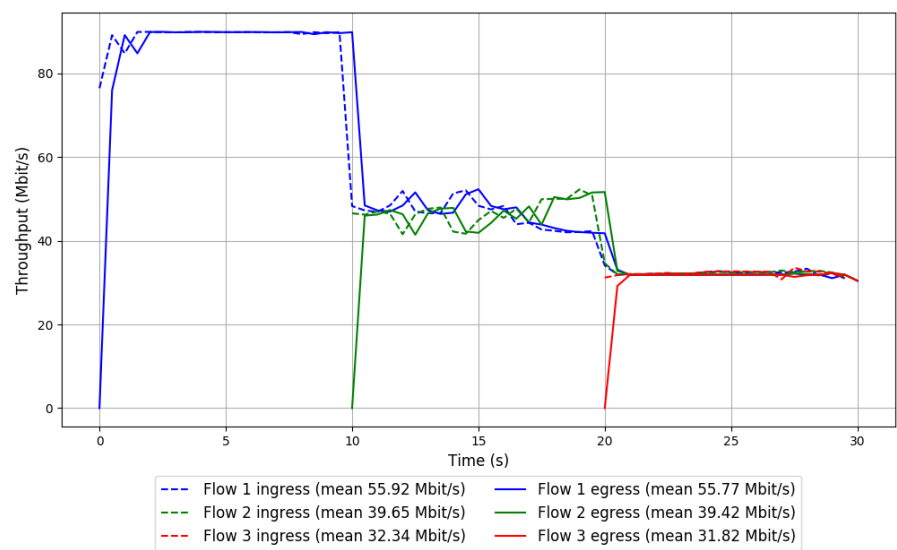


Run 5: Statistics of TaoVA-100x

Start at: 2018-05-22 16:46:13
End at: 2018-05-22 16:46:43
Local clock offset: -5.641 ms
Remote clock offset: -9.072 ms

Below is generated by plot.py at 2018-05-22 18:44:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.58 Mbit/s
95th percentile per-packet one-way delay: 31.307 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 55.77 Mbit/s
95th percentile per-packet one-way delay: 31.178 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 39.42 Mbit/s
95th percentile per-packet one-way delay: 31.343 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 31.82 Mbit/s
95th percentile per-packet one-way delay: 31.476 ms
Loss rate: 1.78%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-05-22 17:04:04

End at: 2018-05-22 17:04:34

Local clock offset: -5.869 ms

Remote clock offset: -3.42 ms

Below is generated by plot.py at 2018-05-22 18:44:31

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.12 Mbit/s

95th percentile per-packet one-way delay: 31.317 ms

Loss rate: 0.59%

-- Flow 1:

Average throughput: 56.16 Mbit/s

95th percentile per-packet one-way delay: 31.186 ms

Loss rate: 0.33%

-- Flow 2:

Average throughput: 39.62 Mbit/s

95th percentile per-packet one-way delay: 31.343 ms

Loss rate: 0.67%

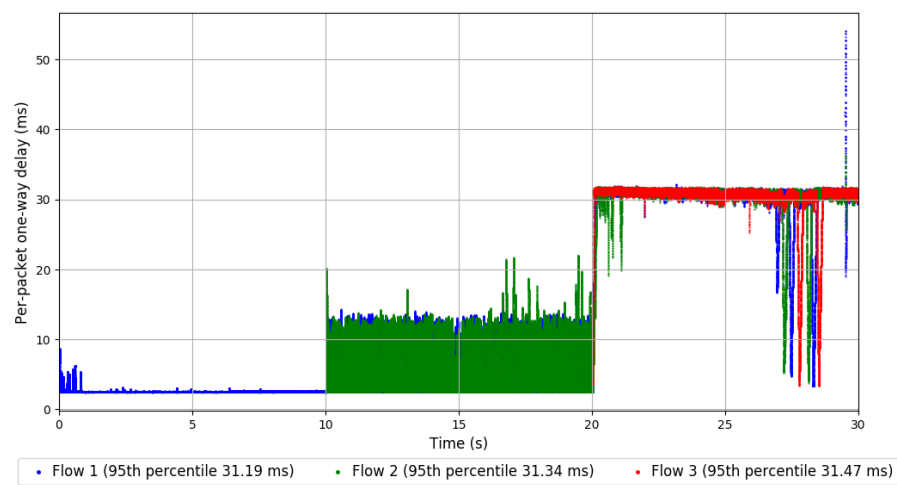
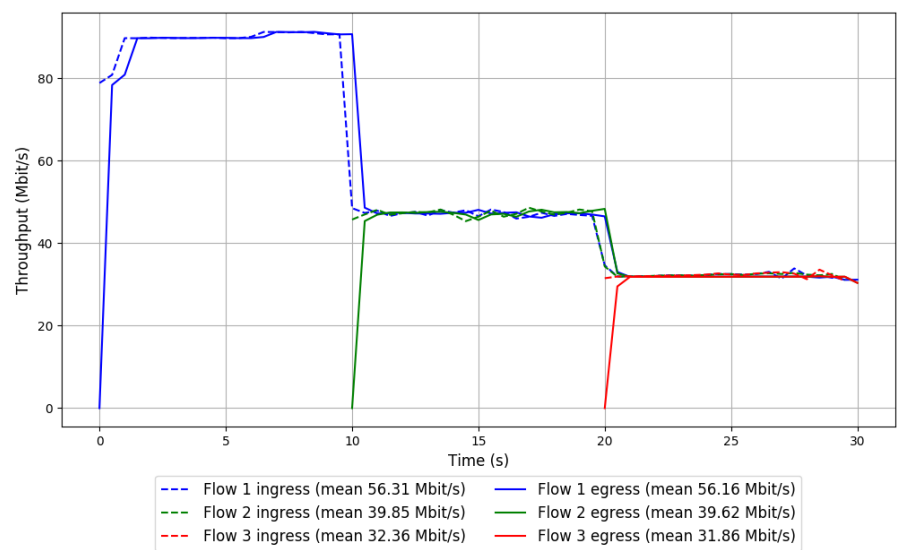
-- Flow 3:

Average throughput: 31.86 Mbit/s

95th percentile per-packet one-way delay: 31.468 ms

Loss rate: 1.74%

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

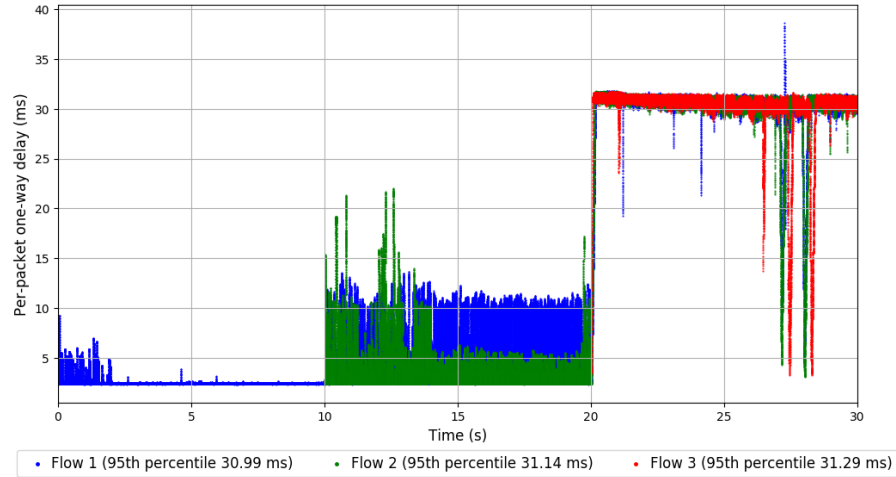
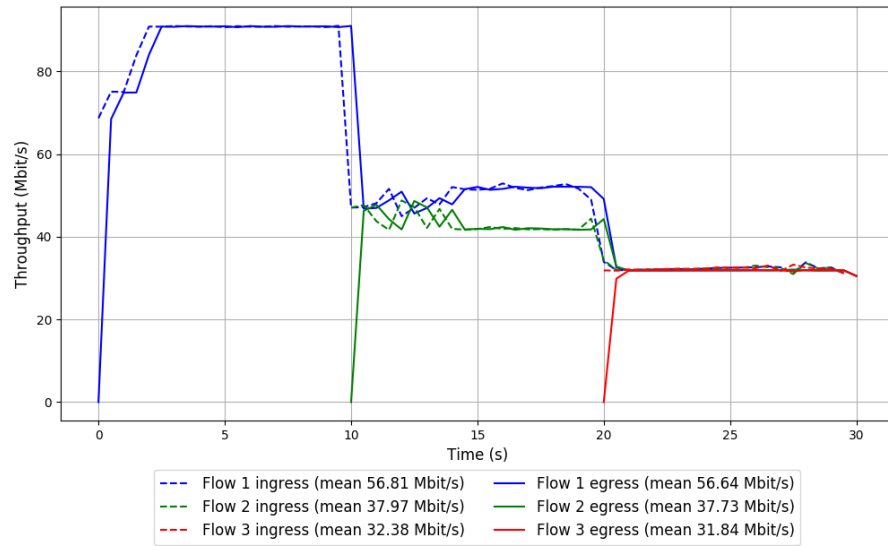


Run 7: Statistics of TaoVA-100x

Start at: 2018-05-22 17:21:55
End at: 2018-05-22 17:22:25
Local clock offset: -6.039 ms
Remote clock offset: -2.082 ms

Below is generated by plot.py at 2018-05-22 18:44:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.34 Mbit/s
95th percentile per-packet one-way delay: 31.127 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 56.64 Mbit/s
95th percentile per-packet one-way delay: 30.993 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 37.73 Mbit/s
95th percentile per-packet one-way delay: 31.144 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 31.84 Mbit/s
95th percentile per-packet one-way delay: 31.288 ms
Loss rate: 1.73%

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

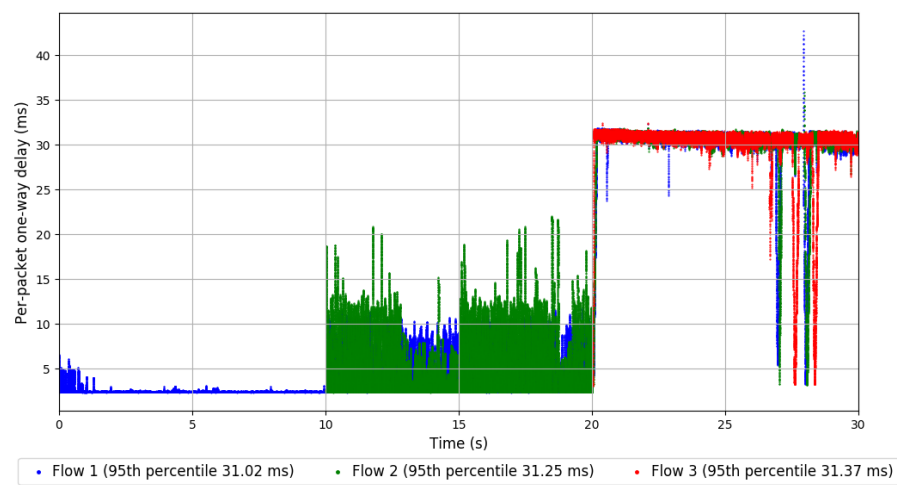
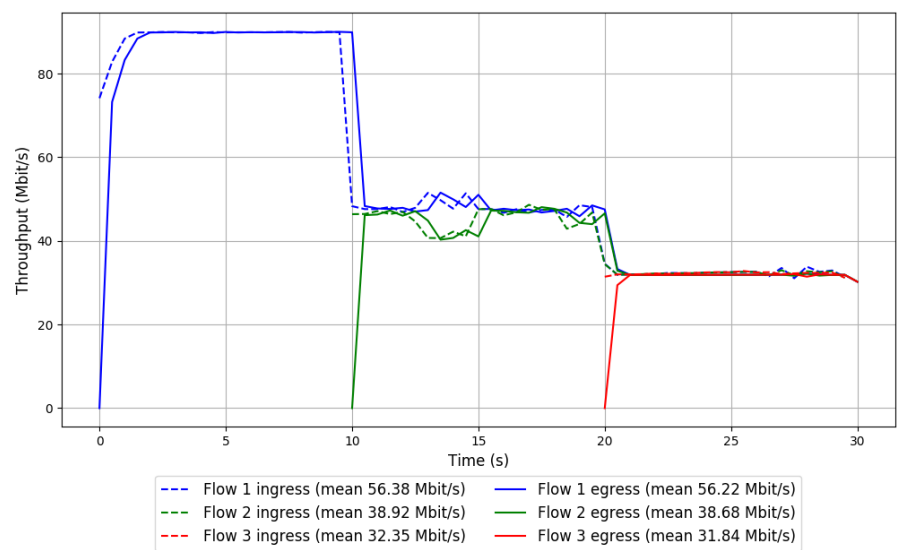


Run 8: Statistics of TaoVA-100x

Start at: 2018-05-22 17:39:46
End at: 2018-05-22 17:40:16
Local clock offset: -5.976 ms
Remote clock offset: -1.927 ms

Below is generated by plot.py at 2018-05-22 18:44:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.54 Mbit/s
95th percentile per-packet one-way delay: 31.186 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 56.22 Mbit/s
95th percentile per-packet one-way delay: 31.017 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 38.68 Mbit/s
95th percentile per-packet one-way delay: 31.245 ms
Loss rate: 0.70%
-- Flow 3:
Average throughput: 31.84 Mbit/s
95th percentile per-packet one-way delay: 31.373 ms
Loss rate: 1.69%

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

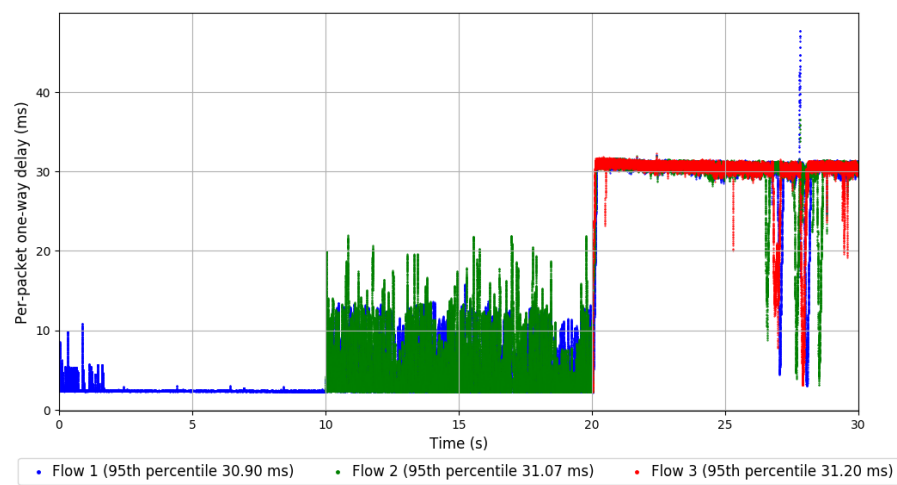
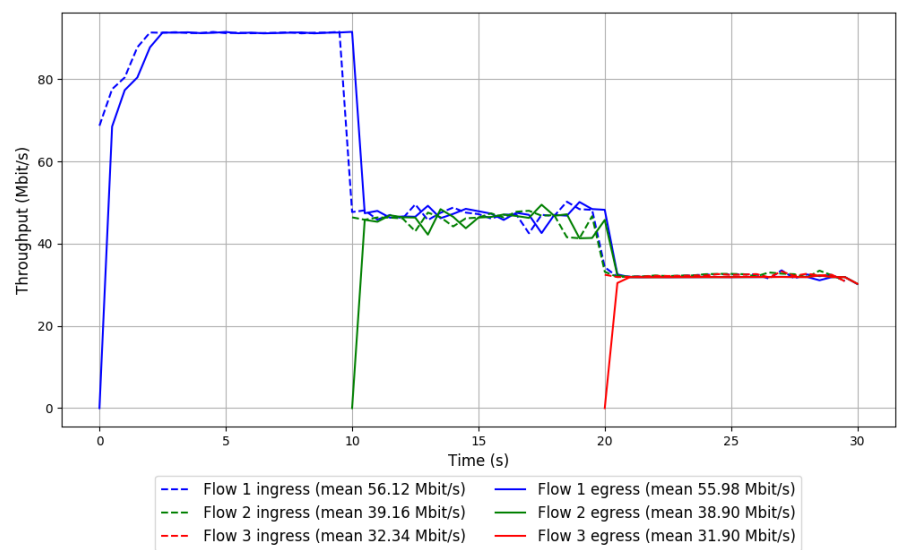


Run 9: Statistics of TaoVA-100x

Start at: 2018-05-22 17:57:38
End at: 2018-05-22 17:58:08
Local clock offset: -5.943 ms
Remote clock offset: -1.897 ms

Below is generated by plot.py at 2018-05-22 18:45:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.48 Mbit/s
95th percentile per-packet one-way delay: 31.036 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 55.98 Mbit/s
95th percentile per-packet one-way delay: 30.896 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 38.90 Mbit/s
95th percentile per-packet one-way delay: 31.065 ms
Loss rate: 0.75%
-- Flow 3:
Average throughput: 31.90 Mbit/s
95th percentile per-packet one-way delay: 31.197 ms
Loss rate: 1.54%

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

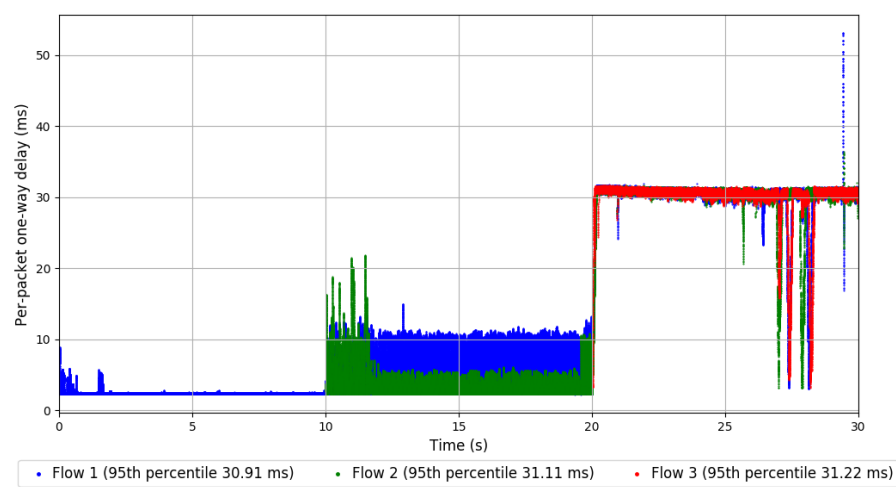
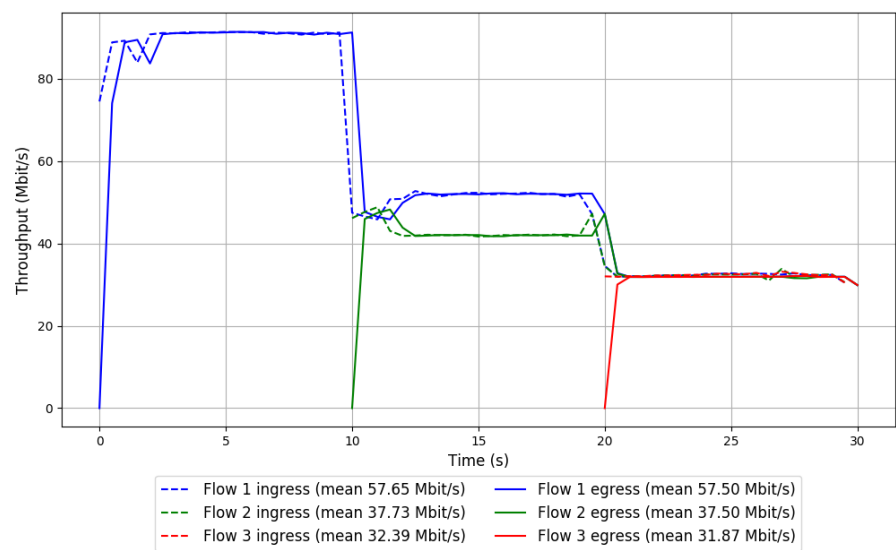


Run 10: Statistics of TaoVA-100x

Start at: 2018-05-22 18:15:28
End at: 2018-05-22 18:15:58
Local clock offset: -5.778 ms
Remote clock offset: -3.164 ms

Below is generated by plot.py at 2018-05-22 18:45:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.06 Mbit/s
95th percentile per-packet one-way delay: 31.065 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 57.50 Mbit/s
95th percentile per-packet one-way delay: 30.915 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 37.50 Mbit/s
95th percentile per-packet one-way delay: 31.110 ms
Loss rate: 0.69%
-- Flow 3:
Average throughput: 31.87 Mbit/s
95th percentile per-packet one-way delay: 31.217 ms
Loss rate: 1.78%

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

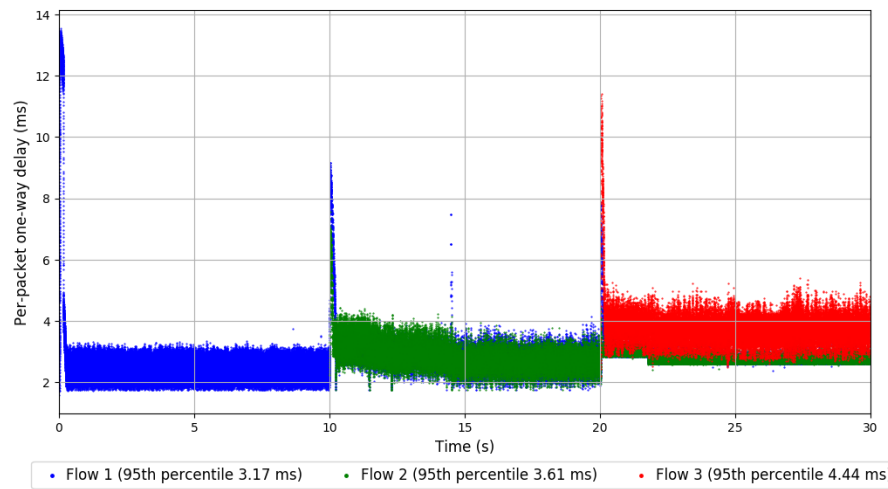
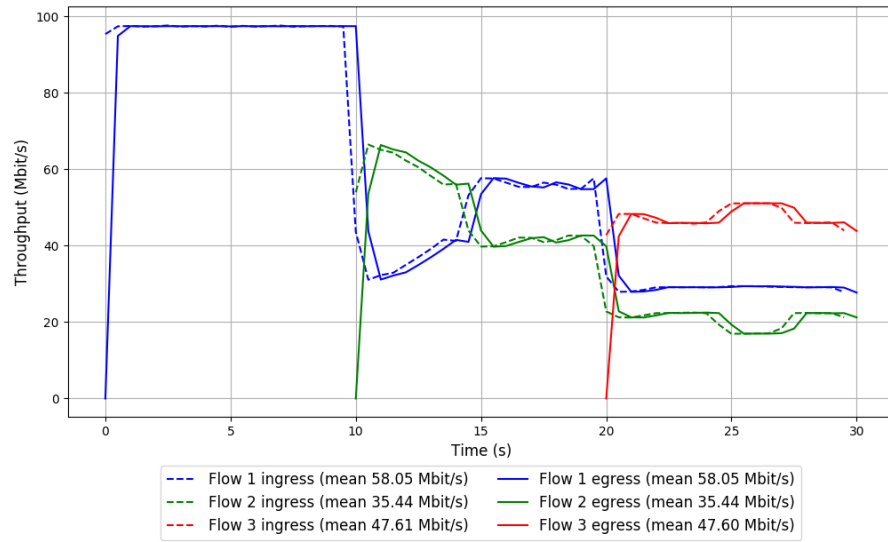


Run 1: Statistics of TCP Vegas

Start at: 2018-05-22 15:36:20
End at: 2018-05-22 15:36:50
Local clock offset: -6.842 ms
Remote clock offset: -2.145 ms

Below is generated by plot.py at 2018-05-22 18:45:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 4.050 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 58.05 Mbit/s
95th percentile per-packet one-way delay: 3.170 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 35.44 Mbit/s
95th percentile per-packet one-way delay: 3.614 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 47.60 Mbit/s
95th percentile per-packet one-way delay: 4.440 ms
Loss rate: 0.05%

Run 1: Report of TCP Vegas — Data Link

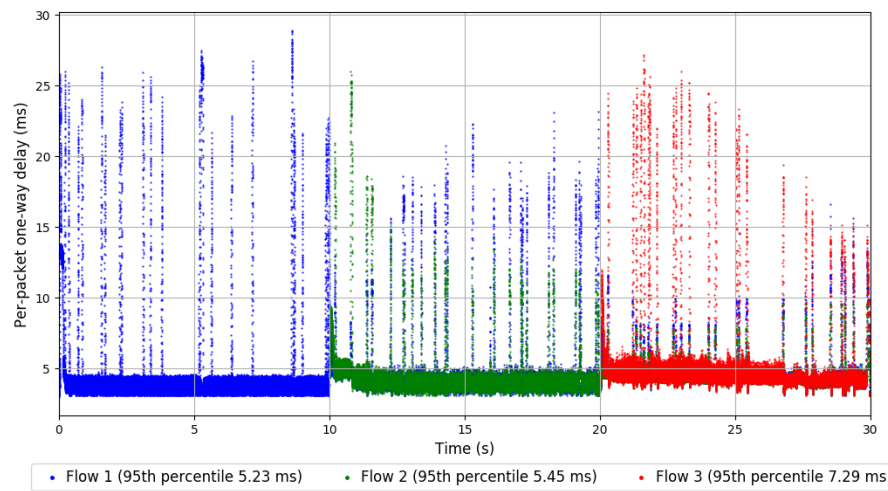
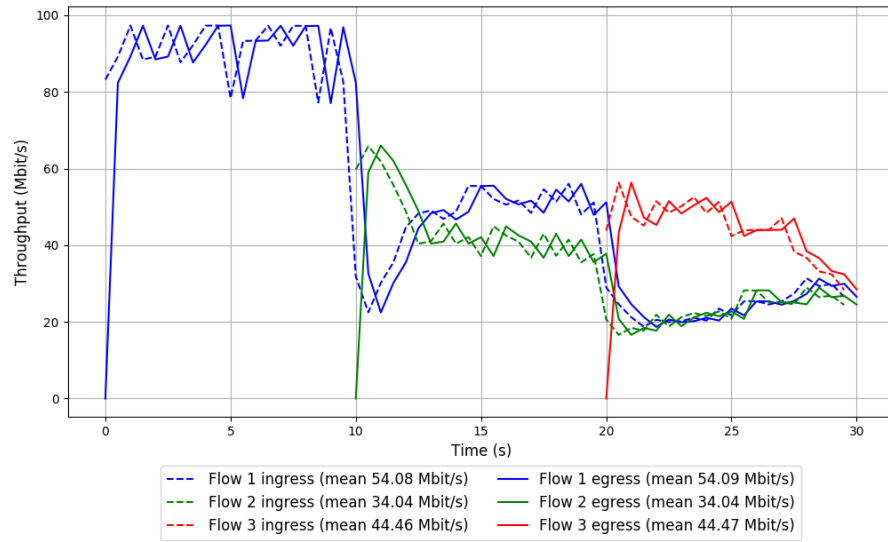


Run 2: Statistics of TCP Vegas

Start at: 2018-05-22 15:54:05
End at: 2018-05-22 15:54:35
Local clock offset: -5.415 ms
Remote clock offset: -2.712 ms

Below is generated by plot.py at 2018-05-22 18:45:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.52 Mbit/s
95th percentile per-packet one-way delay: 5.674 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 54.09 Mbit/s
95th percentile per-packet one-way delay: 5.230 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 34.04 Mbit/s
95th percentile per-packet one-way delay: 5.454 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 44.47 Mbit/s
95th percentile per-packet one-way delay: 7.291 ms
Loss rate: 0.02%

Run 2: Report of TCP Vegas — Data Link

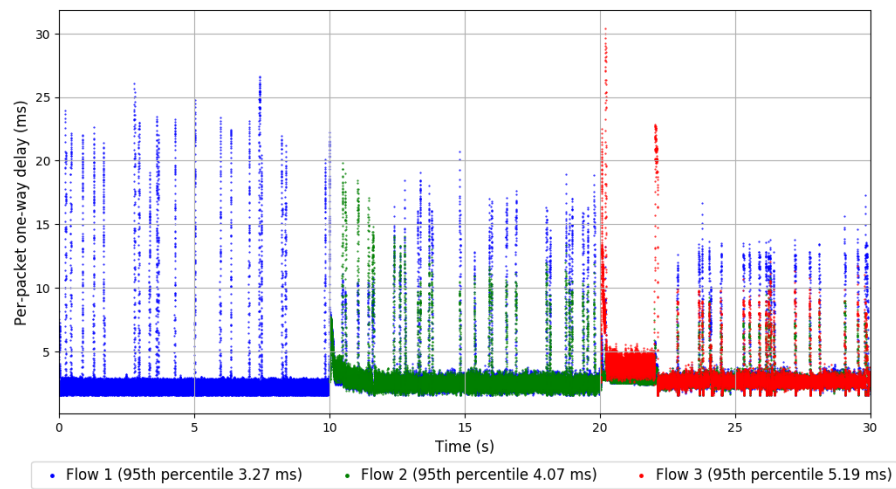
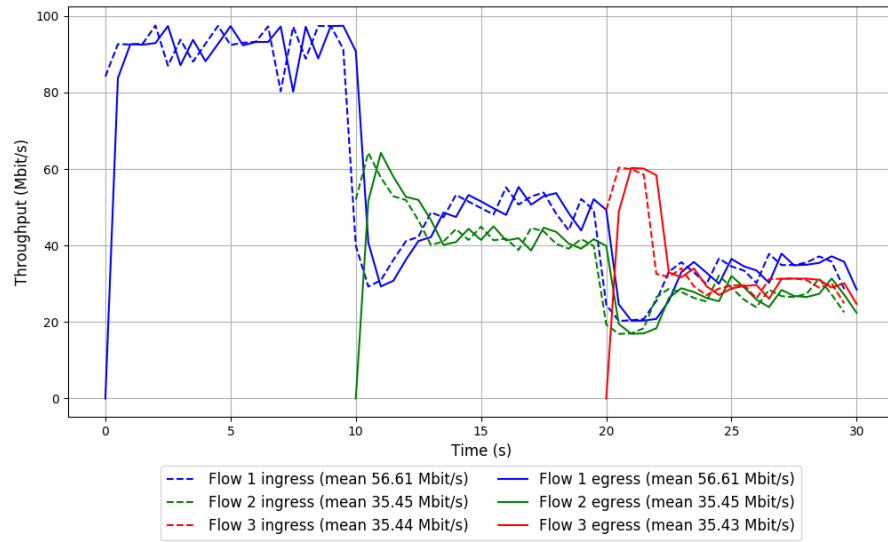


Run 3: Statistics of TCP Vegas

Start at: 2018-05-22 16:11:47
End at: 2018-05-22 16:12:17
Local clock offset: -6.8 ms
Remote clock offset: -2.688 ms

Below is generated by plot.py at 2018-05-22 18:45:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.99 Mbit/s
95th percentile per-packet one-way delay: 4.315 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 56.61 Mbit/s
95th percentile per-packet one-way delay: 3.267 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 35.45 Mbit/s
95th percentile per-packet one-way delay: 4.073 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 35.43 Mbit/s
95th percentile per-packet one-way delay: 5.192 ms
Loss rate: 0.04%

Run 3: Report of TCP Vegas — Data Link

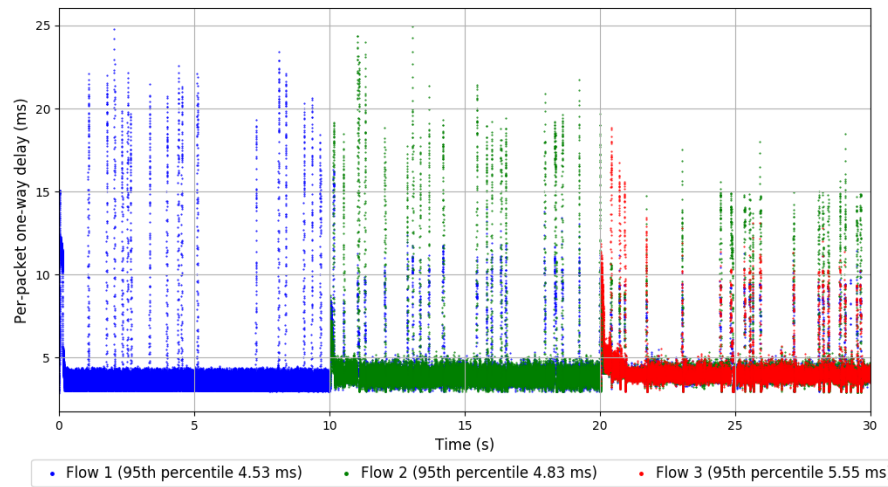
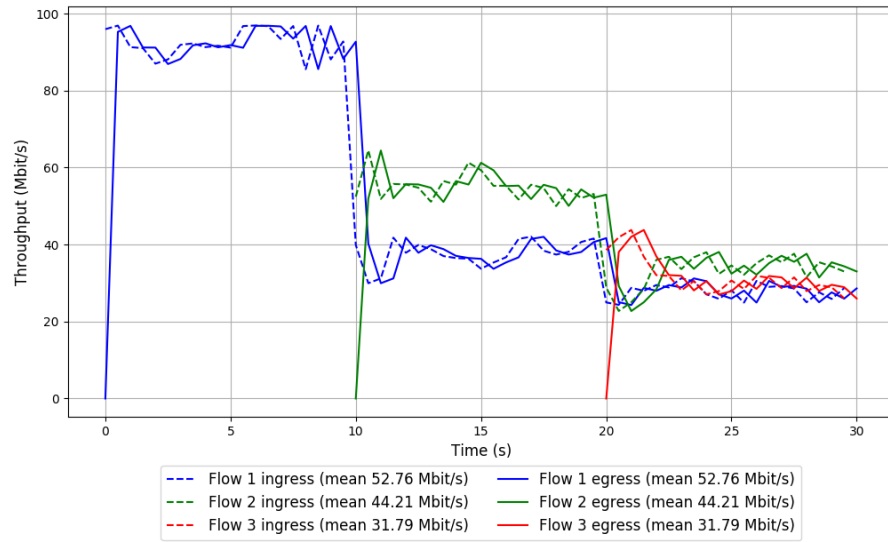


Run 4: Statistics of TCP Vegas

Start at: 2018-05-22 16:29:33
End at: 2018-05-22 16:30:03
Local clock offset: -5.156 ms
Remote clock offset: -7.664 ms

Below is generated by plot.py at 2018-05-22 18:45:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.75 Mbit/s
95th percentile per-packet one-way delay: 4.760 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 52.76 Mbit/s
95th percentile per-packet one-way delay: 4.533 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 44.21 Mbit/s
95th percentile per-packet one-way delay: 4.835 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 31.79 Mbit/s
95th percentile per-packet one-way delay: 5.552 ms
Loss rate: 0.04%

Run 4: Report of TCP Vegas — Data Link

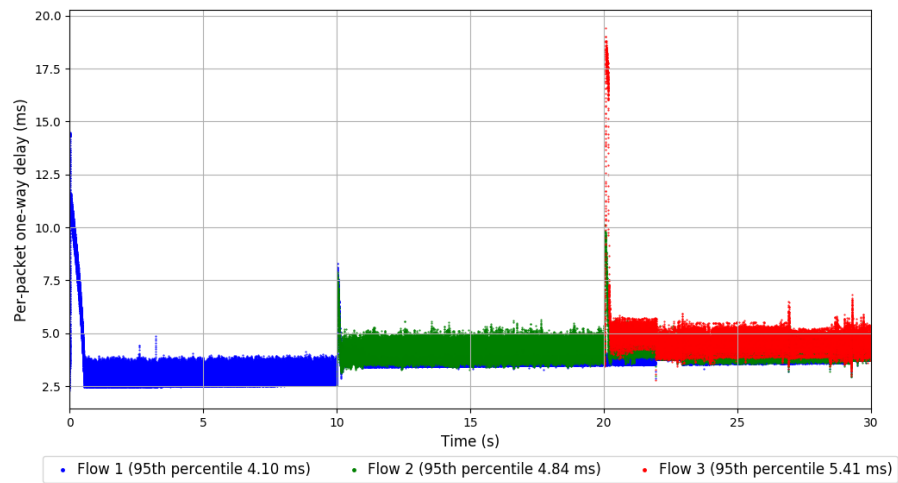
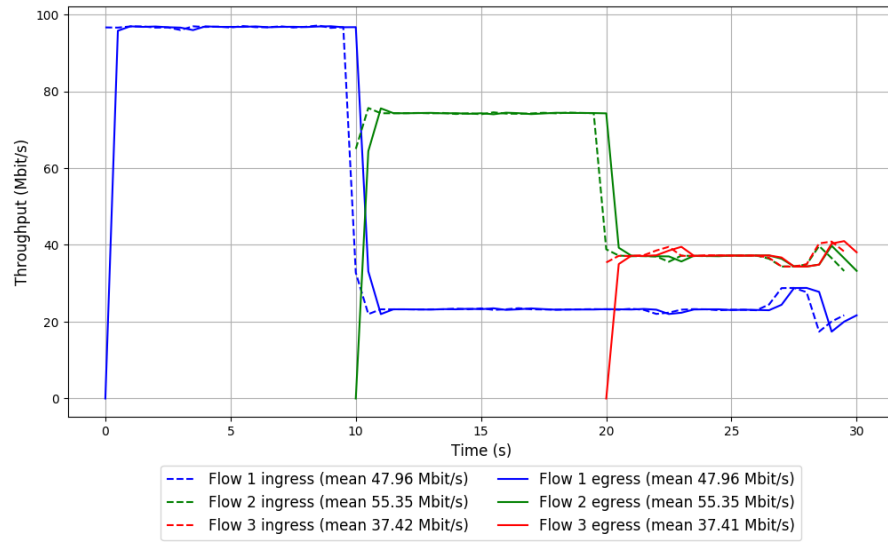


Run 5: Statistics of TCP Vegas

Start at: 2018-05-22 16:47:23
End at: 2018-05-22 16:47:53
Local clock offset: -5.699 ms
Remote clock offset: -8.488 ms

Below is generated by plot.py at 2018-05-22 18:46:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.25 Mbit/s
95th percentile per-packet one-way delay: 5.013 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 47.96 Mbit/s
95th percentile per-packet one-way delay: 4.104 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 55.35 Mbit/s
95th percentile per-packet one-way delay: 4.837 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 37.41 Mbit/s
95th percentile per-packet one-way delay: 5.410 ms
Loss rate: 0.07%

Run 5: Report of TCP Vegas — Data Link

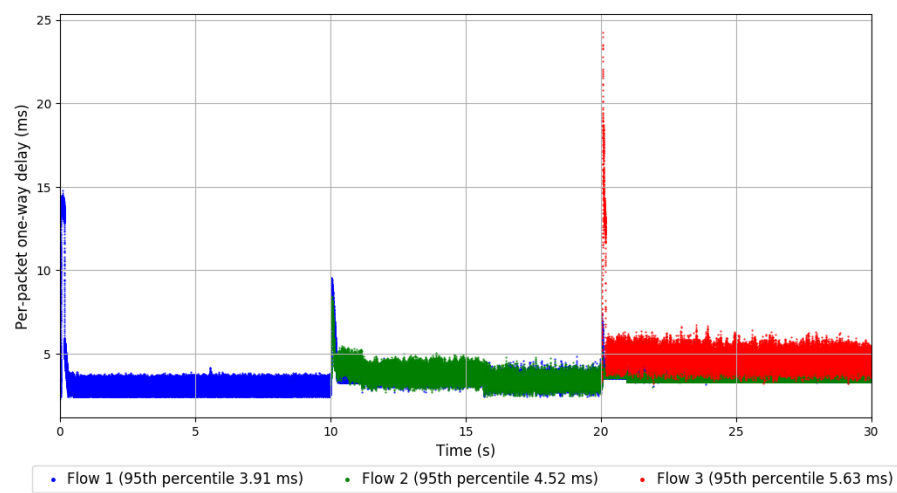
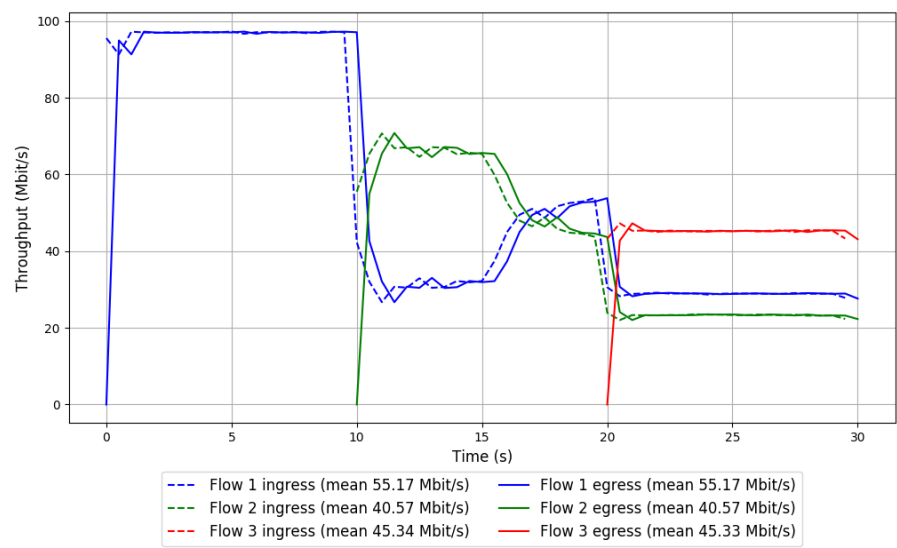


Run 6: Statistics of TCP Vegas

Start at: 2018-05-22 17:05:15
End at: 2018-05-22 17:05:45
Local clock offset: -5.935 ms
Remote clock offset: -3.238 ms

Below is generated by plot.py at 2018-05-22 18:46:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.24 Mbit/s
95th percentile per-packet one-way delay: 5.103 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 55.17 Mbit/s
95th percentile per-packet one-way delay: 3.913 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 40.57 Mbit/s
95th percentile per-packet one-way delay: 4.522 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 45.33 Mbit/s
95th percentile per-packet one-way delay: 5.626 ms
Loss rate: 0.07%

Run 6: Report of TCP Vegas — Data Link

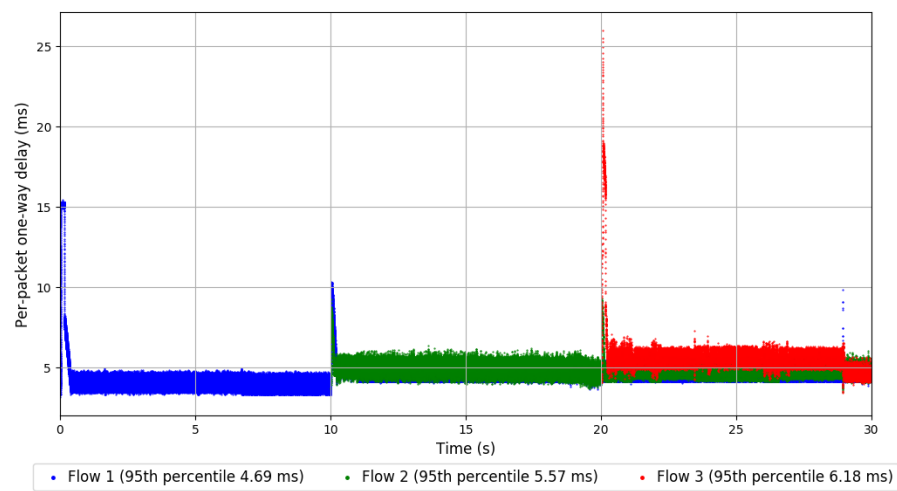
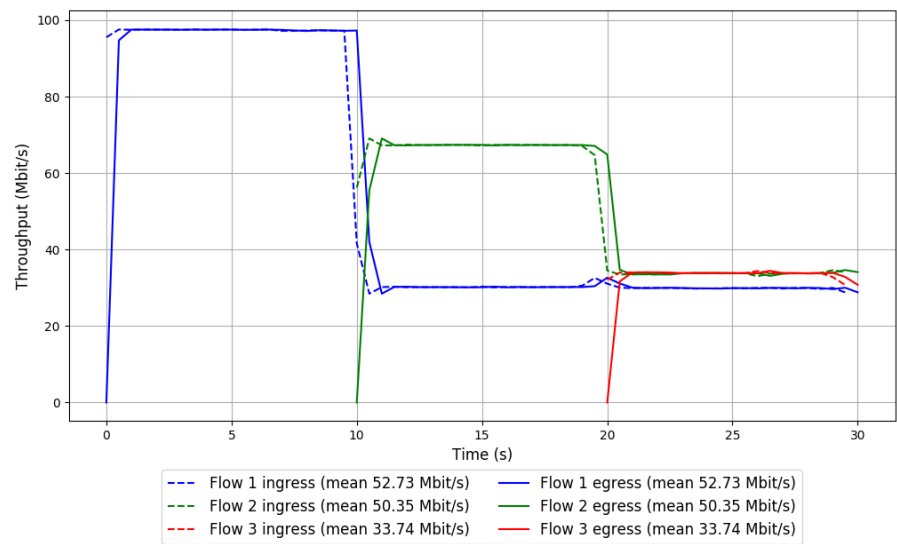


Run 7: Statistics of TCP Vegas

Start at: 2018-05-22 17:23:06
End at: 2018-05-22 17:23:36
Local clock offset: -5.282 ms
Remote clock offset: -2.243 ms

Below is generated by plot.py at 2018-05-22 18:46:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 5.772 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 52.73 Mbit/s
95th percentile per-packet one-way delay: 4.690 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 50.35 Mbit/s
95th percentile per-packet one-way delay: 5.568 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 33.74 Mbit/s
95th percentile per-packet one-way delay: 6.184 ms
Loss rate: 0.05%

Run 7: Report of TCP Vegas — Data Link

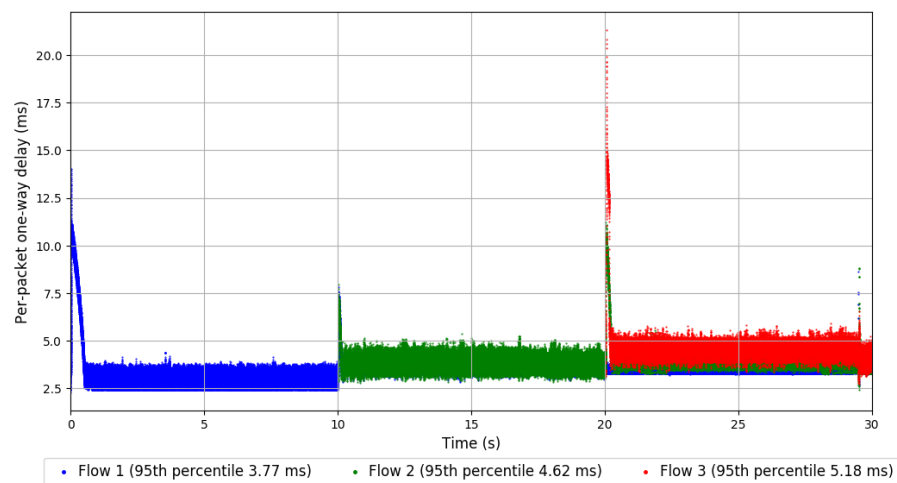
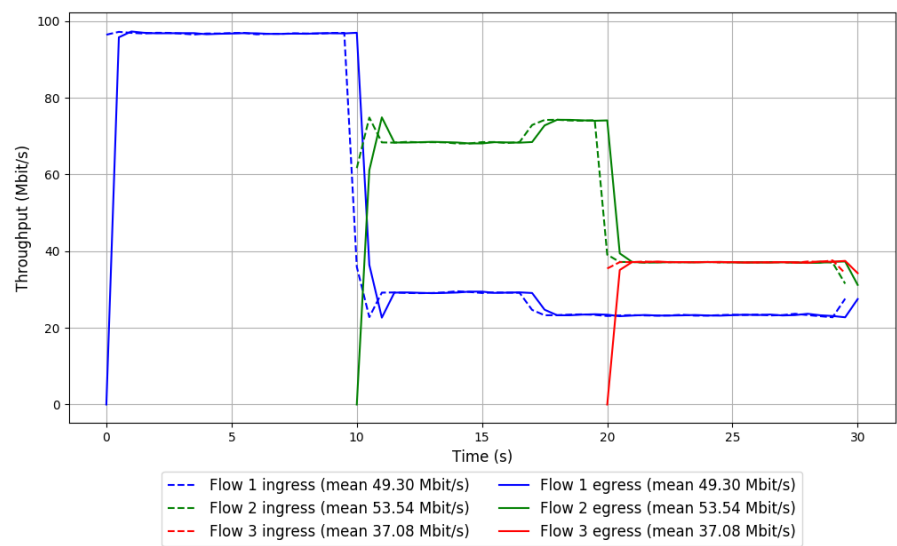


Run 8: Statistics of TCP Vegas

Start at: 2018-05-22 17:40:56
End at: 2018-05-22 17:41:26
Local clock offset: -5.992 ms
Remote clock offset: -1.874 ms

Below is generated by plot.py at 2018-05-22 18:46:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.28 Mbit/s
95th percentile per-packet one-way delay: 4.851 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 49.30 Mbit/s
95th percentile per-packet one-way delay: 3.767 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 53.54 Mbit/s
95th percentile per-packet one-way delay: 4.617 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 37.08 Mbit/s
95th percentile per-packet one-way delay: 5.178 ms
Loss rate: 0.06%

Run 8: Report of TCP Vegas — Data Link

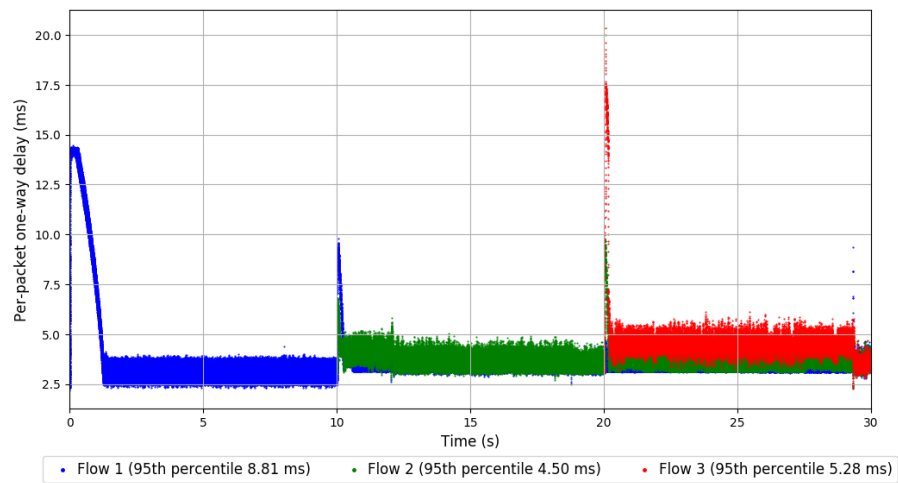
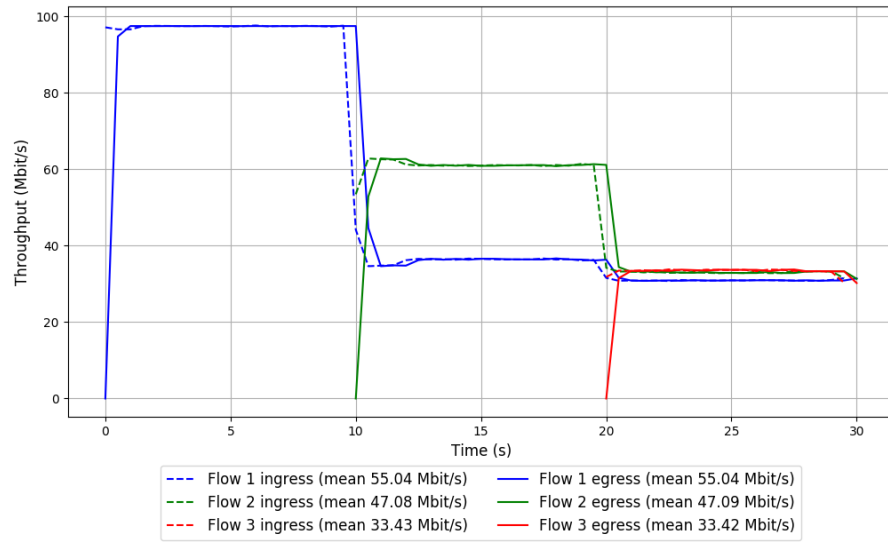


Run 9: Statistics of TCP Vegas

Start at: 2018-05-22 17:58:48
End at: 2018-05-22 17:59:18
Local clock offset: -5.923 ms
Remote clock offset: -2.057 ms

Below is generated by plot.py at 2018-05-22 18:46:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 5.242 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 55.04 Mbit/s
95th percentile per-packet one-way delay: 8.810 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 47.09 Mbit/s
95th percentile per-packet one-way delay: 4.497 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 33.42 Mbit/s
95th percentile per-packet one-way delay: 5.281 ms
Loss rate: 0.05%

Run 9: Report of TCP Vegas — Data Link

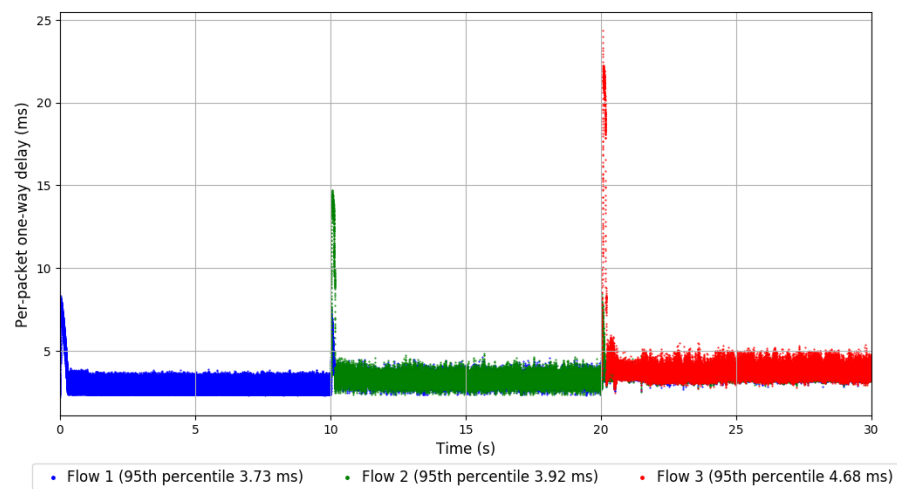
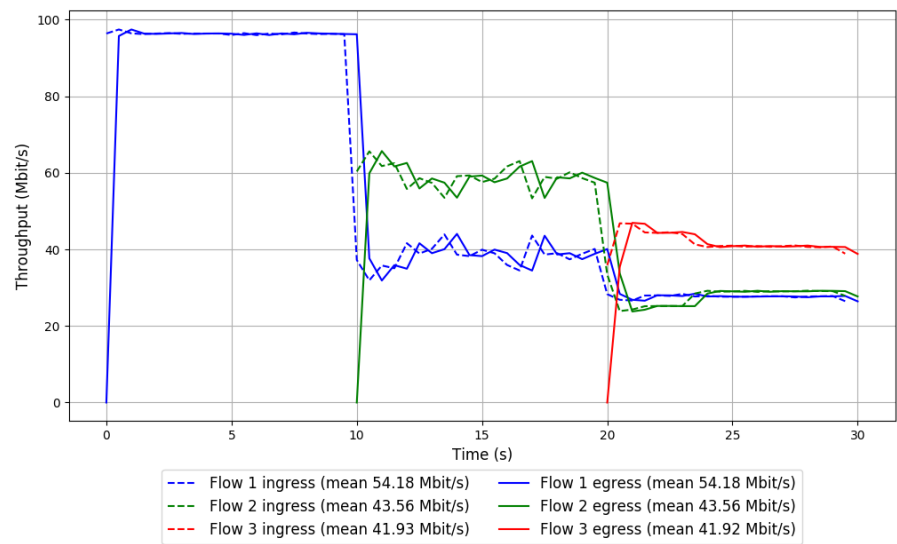


Run 10: Statistics of TCP Vegas

Start at: 2018-05-22 18:16:39
End at: 2018-05-22 18:17:09
Local clock offset: -5.778 ms
Remote clock offset: -3.252 ms

Below is generated by plot.py at 2018-05-22 18:46:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 4.163 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 54.18 Mbit/s
95th percentile per-packet one-way delay: 3.731 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 43.56 Mbit/s
95th percentile per-packet one-way delay: 3.923 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 41.92 Mbit/s
95th percentile per-packet one-way delay: 4.680 ms
Loss rate: 0.07%

Run 10: Report of TCP Vegas — Data Link

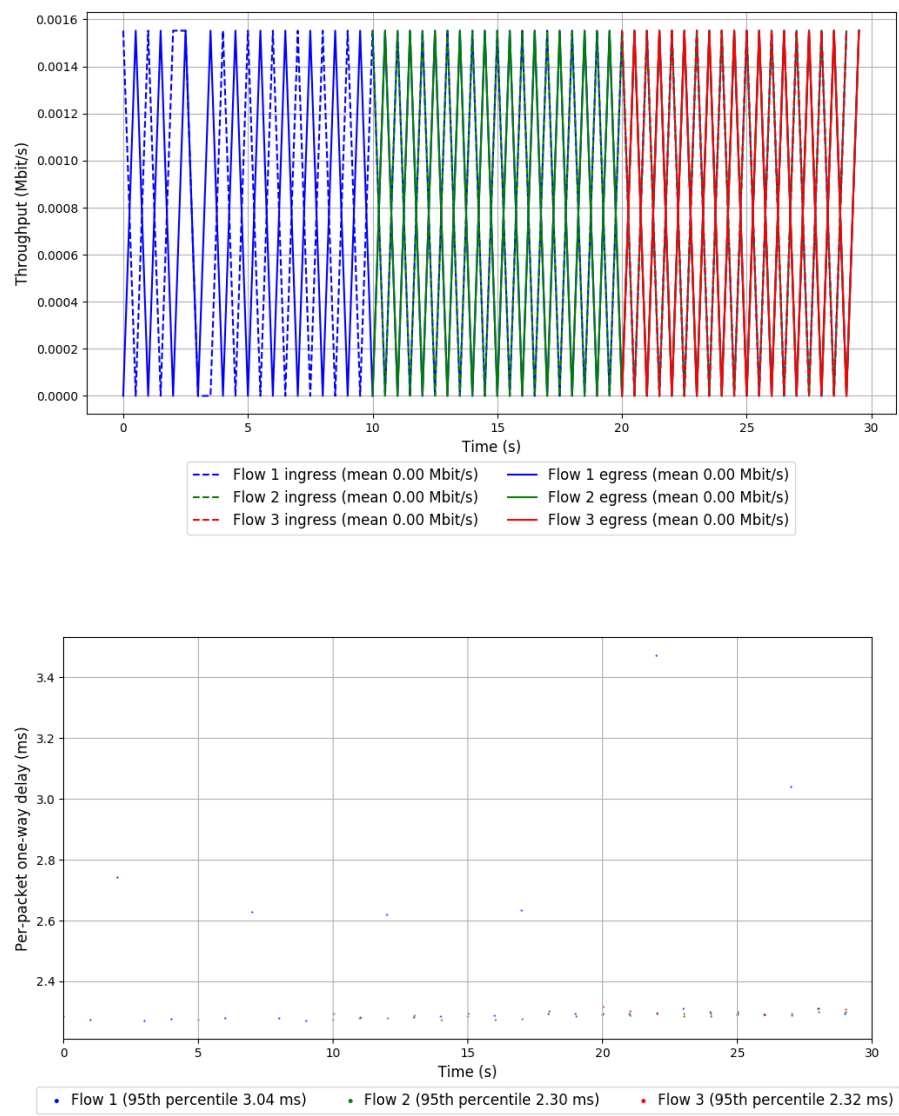


Run 1: Statistics of Verus

Start at: 2018-05-22 15:32:59
End at: 2018-05-22 15:33:29
Local clock offset: -6.046 ms
Remote clock offset: -2.212 ms

Below is generated by plot.py at 2018-05-22 18:46:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 2.633 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 3.040 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 2.300 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 2.316 ms
Loss rate: 0.00%

Run 1: Report of Verus — Data Link

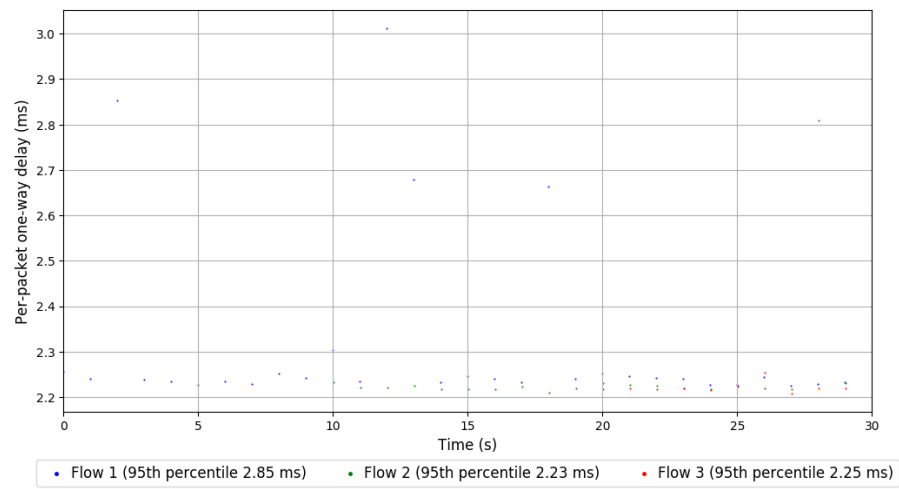
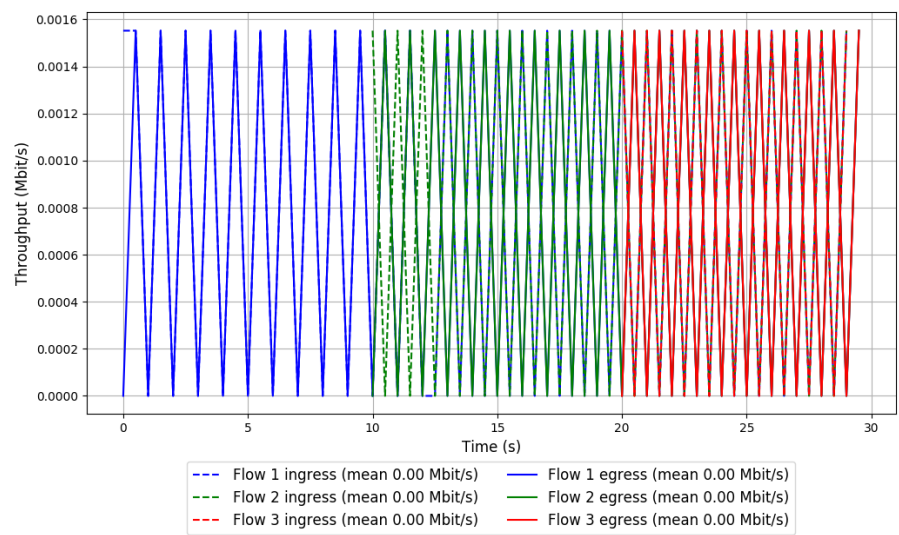


Run 2: Statistics of Verus

Start at: 2018-05-22 15:50:46
End at: 2018-05-22 15:51:16
Local clock offset: -6.17 ms
Remote clock offset: -2.717 ms

Below is generated by plot.py at 2018-05-22 18:46:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 2.679 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 2.853 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 2.232 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 2.253 ms
Loss rate: 0.00%

Run 2: Report of Verus — Data Link

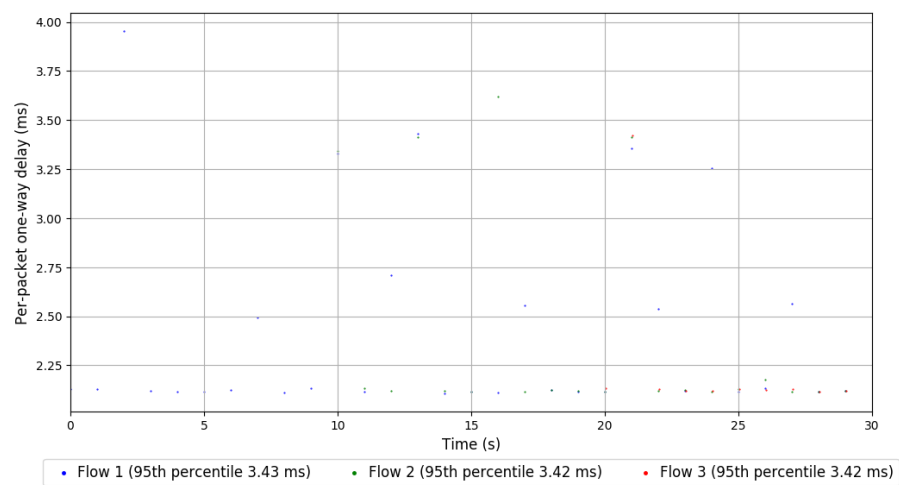
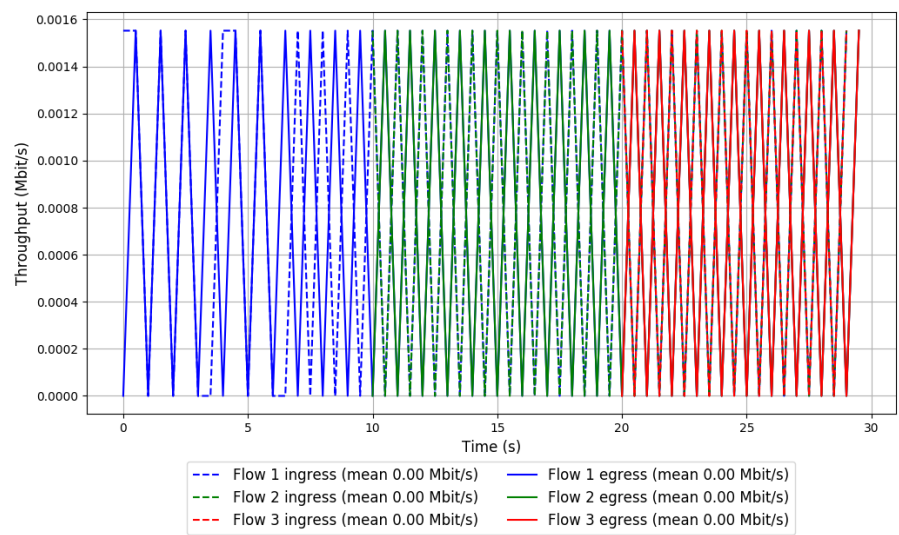


Run 3: Statistics of Verus

Start at: 2018-05-22 16:08:31
End at: 2018-05-22 16:09:01
Local clock offset: -6.12 ms
Remote clock offset: -2.712 ms

Below is generated by plot.py at 2018-05-22 18:46:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 3.421 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 3.432 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 3.415 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 3.421 ms
Loss rate: 0.00%

Run 3: Report of Verus — Data Link

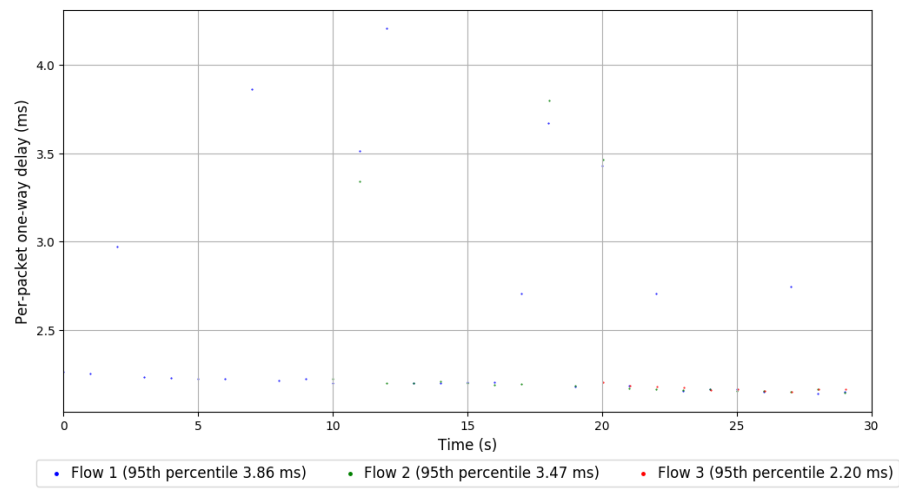
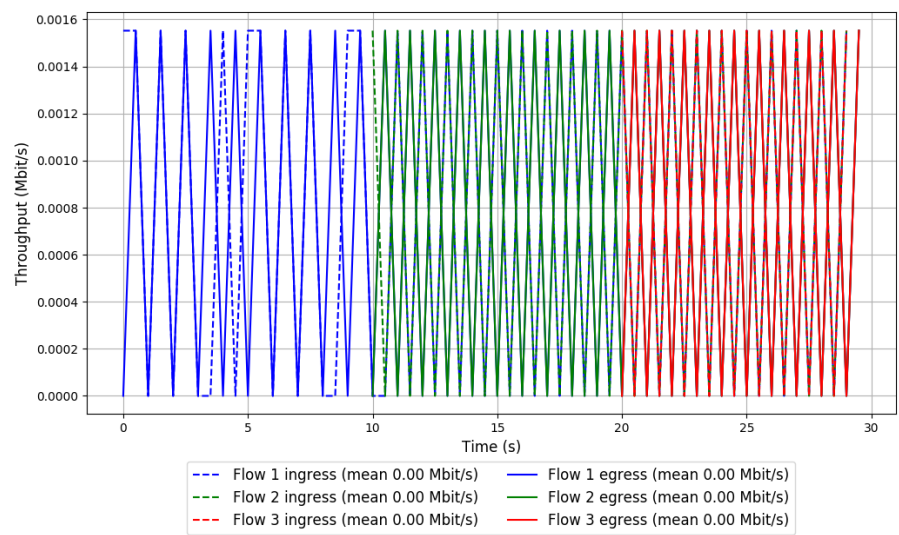


Run 4: Statistics of Verus

Start at: 2018-05-22 16:26:14
End at: 2018-05-22 16:26:44
Local clock offset: -6.022 ms
Remote clock offset: -7.308 ms

Below is generated by plot.py at 2018-05-22 18:46:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 3.672 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 3.862 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 3.466 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 2.201 ms
Loss rate: 0.00%

Run 4: Report of Verus — Data Link

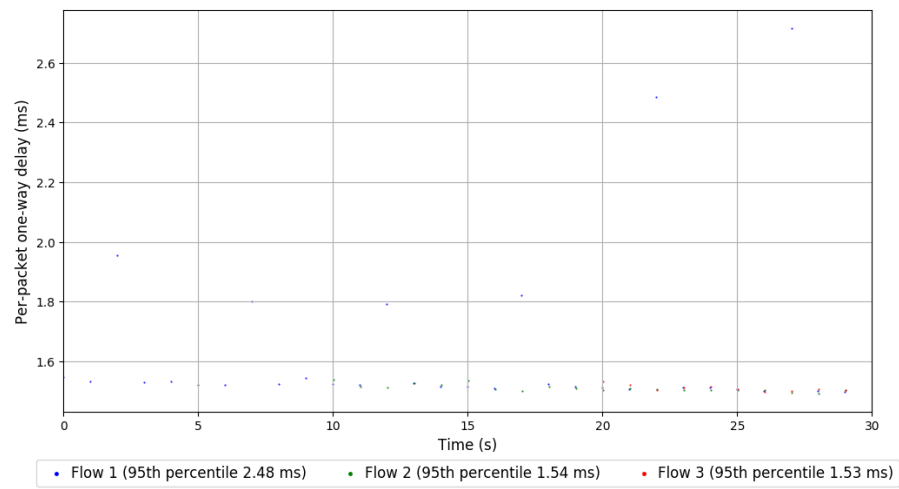
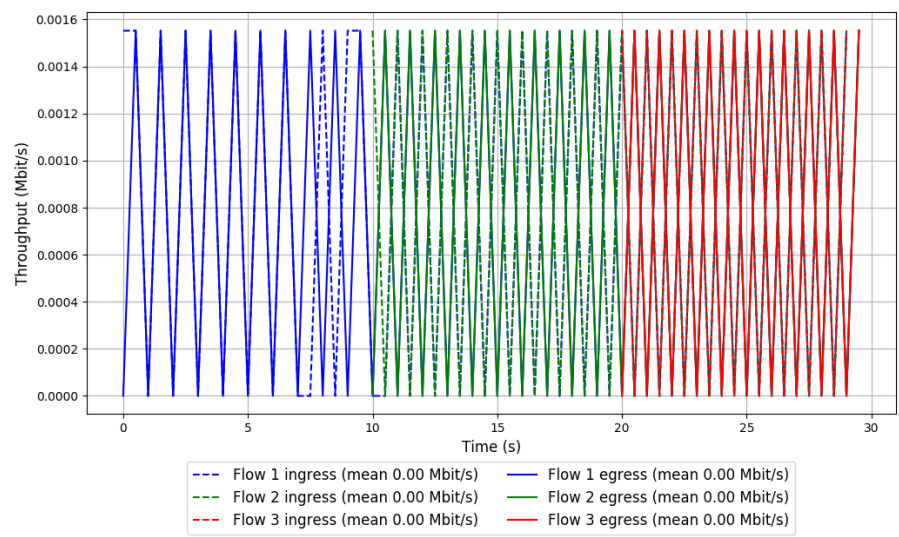


Run 5: Statistics of Verus

Start at: 2018-05-22 16:44:01
End at: 2018-05-22 16:44:31
Local clock offset: -6.425 ms
Remote clock offset: -8.947 ms

Below is generated by plot.py at 2018-05-22 18:46:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1.821 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 2.485 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1.537 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1.534 ms
Loss rate: 0.00%

Run 5: Report of Verus — Data Link

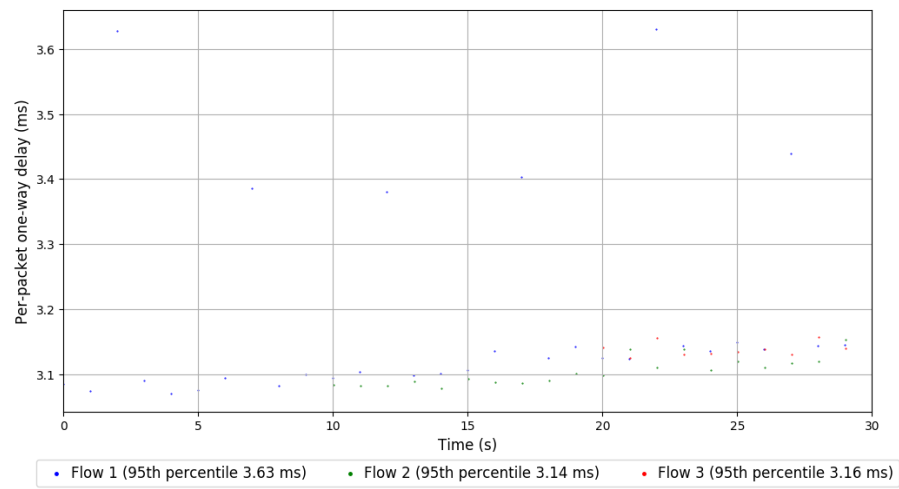
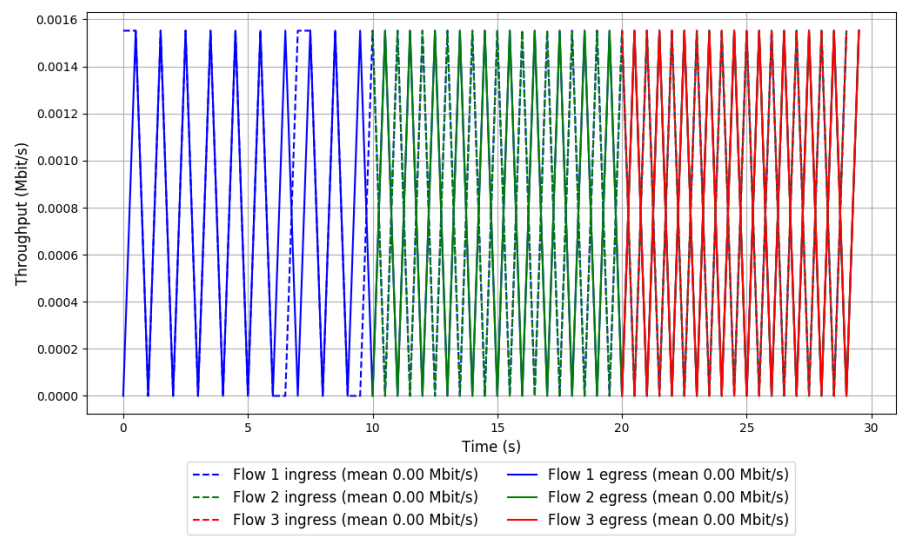


Run 6: Statistics of Verus

Start at: 2018-05-22 17:01:53
End at: 2018-05-22 17:02:23
Local clock offset: -5.034 ms
Remote clock offset: -3.638 ms

Below is generated by plot.py at 2018-05-22 18:46:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 3.403 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 3.628 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 3.139 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 3.158 ms
Loss rate: 0.00%

Run 6: Report of Verus — Data Link

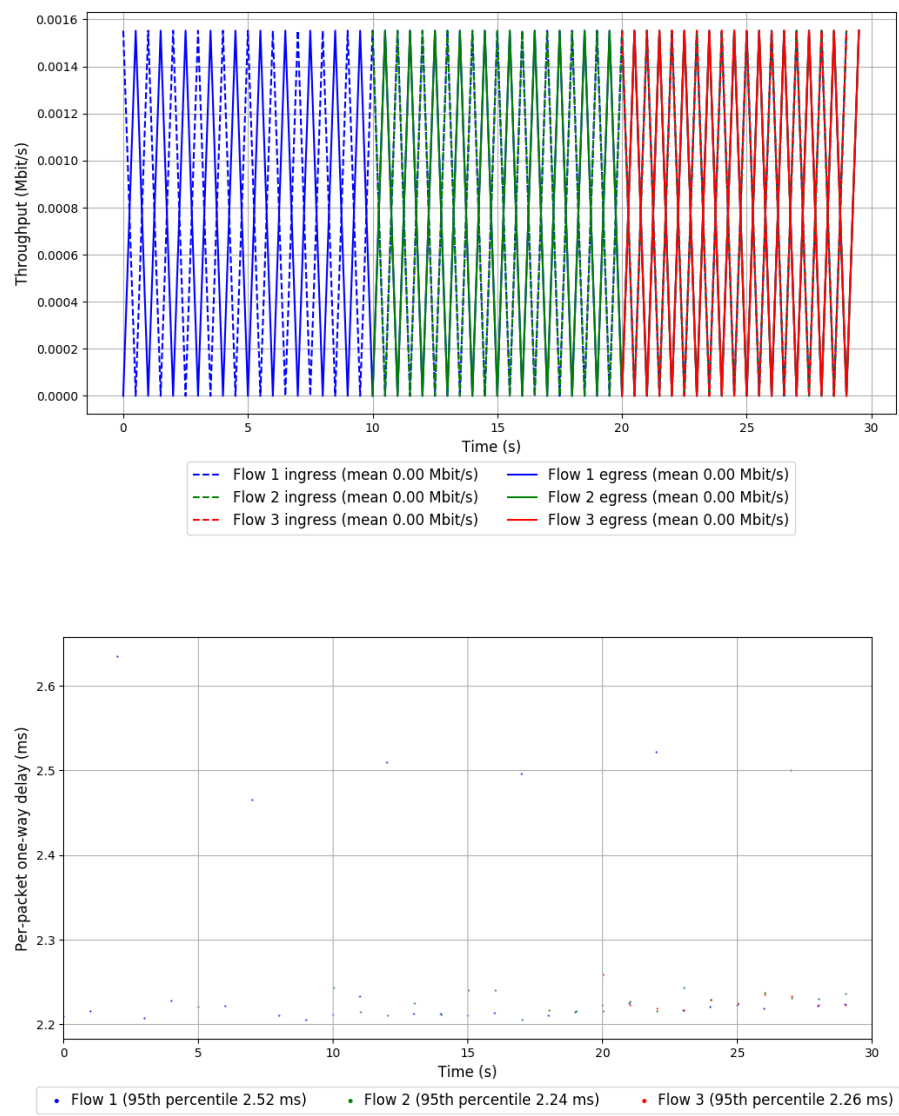


Run 7: Statistics of Verus

Start at: 2018-05-22 17:19:44
End at: 2018-05-22 17:20:14
Local clock offset: -6.086 ms
Remote clock offset: -2.105 ms

Below is generated by plot.py at 2018-05-22 18:46:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 2.500 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 2.522 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 2.243 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 2.259 ms
Loss rate: 0.00%

Run 7: Report of Verus — Data Link

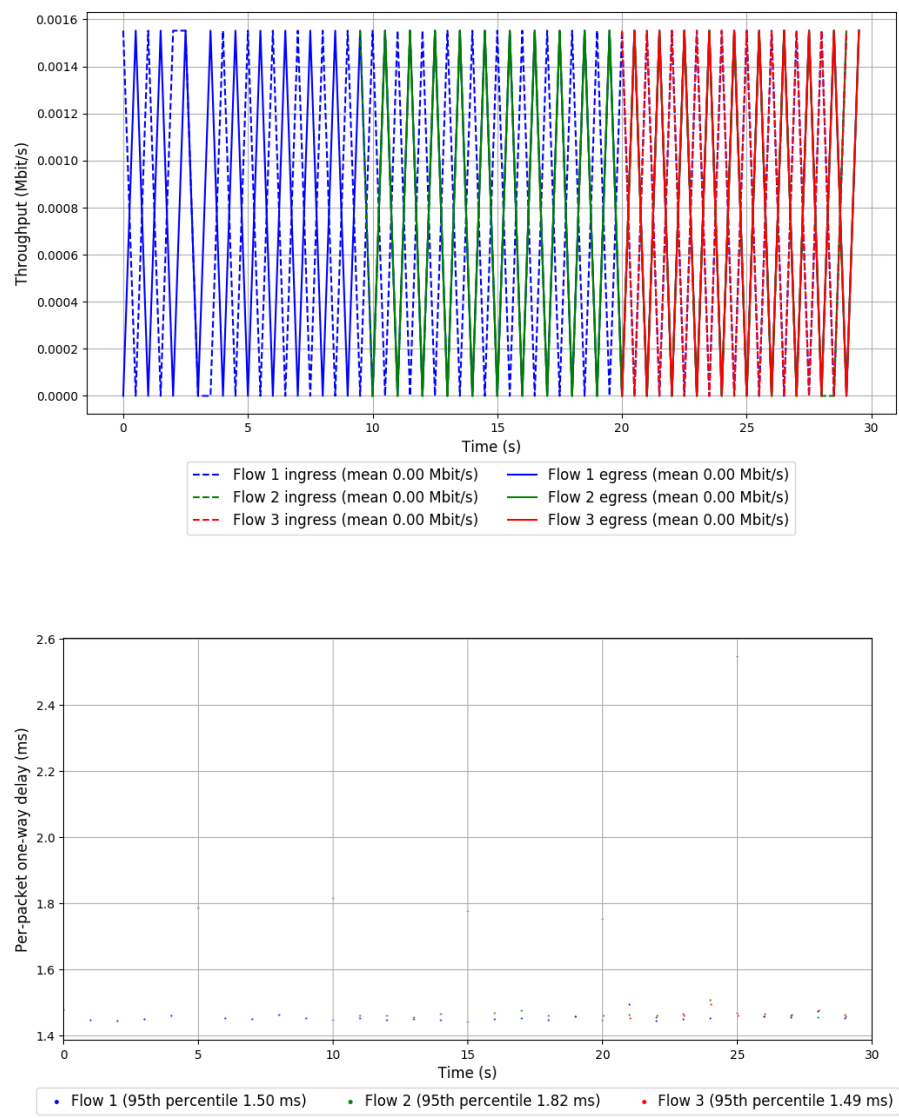


Run 8: Statistics of Verus

Start at: 2018-05-22 17:37:35
End at: 2018-05-22 17:38:05
Local clock offset: -6.755 ms
Remote clock offset: -1.916 ms

Below is generated by plot.py at 2018-05-22 18:46:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1.775 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1.495 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1.816 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1.493 ms
Loss rate: 0.00%

Run 8: Report of Verus — Data Link

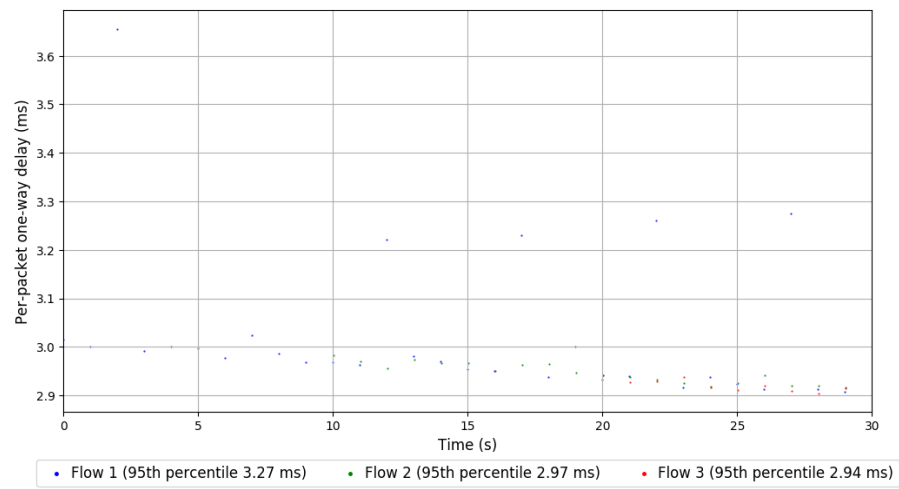
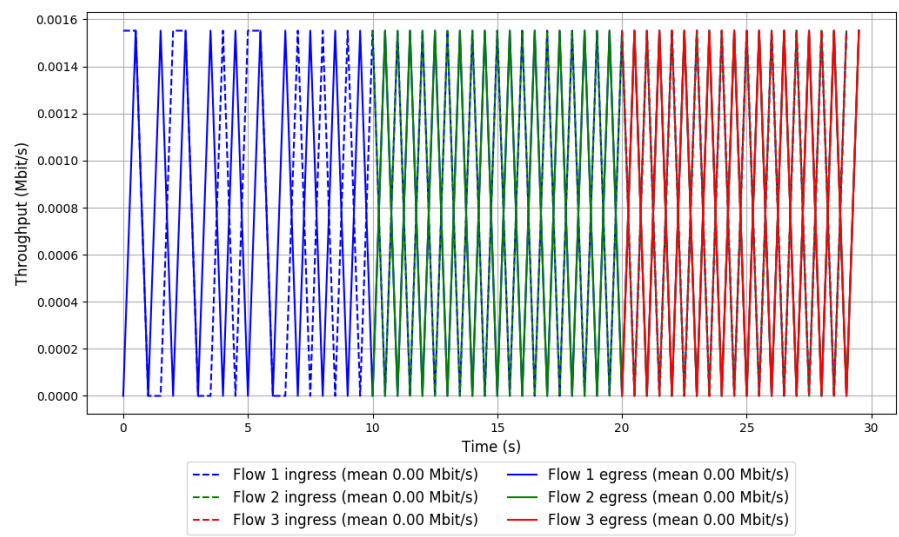


Run 9: Statistics of Verus

Start at: 2018-05-22 17:55:26
End at: 2018-05-22 17:55:56
Local clock offset: -5.211 ms
Remote clock offset: -1.548 ms

Below is generated by plot.py at 2018-05-22 18:46:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 3.230 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 3.275 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 2.974 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 2.942 ms
Loss rate: 0.00%

Run 9: Report of Verus — Data Link

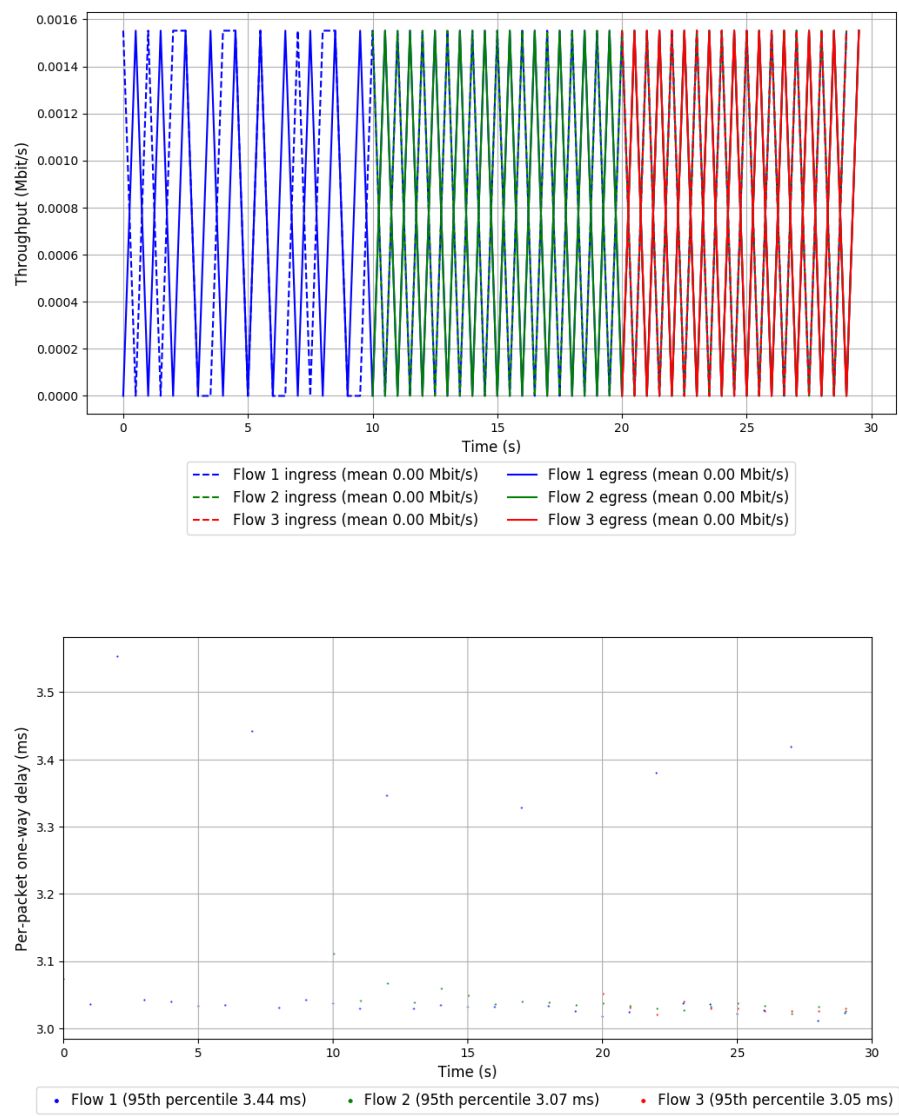


Run 10: Statistics of Verus

Start at: 2018-05-22 18:13:17
End at: 2018-05-22 18:13:47
Local clock offset: -5.025 ms
Remote clock offset: -3.168 ms

Below is generated by plot.py at 2018-05-22 18:46:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 3.380 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 3.442 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 3.067 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 3.051 ms
Loss rate: 0.00%

Run 10: Report of Verus — Data Link

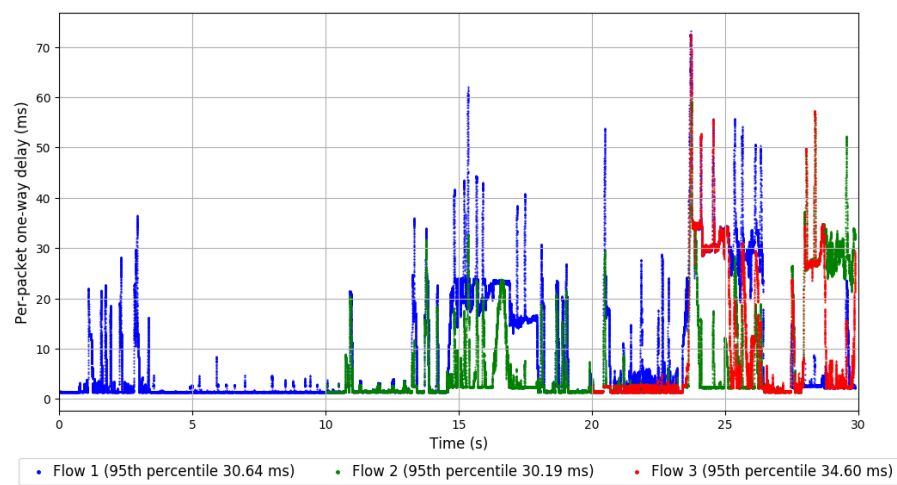
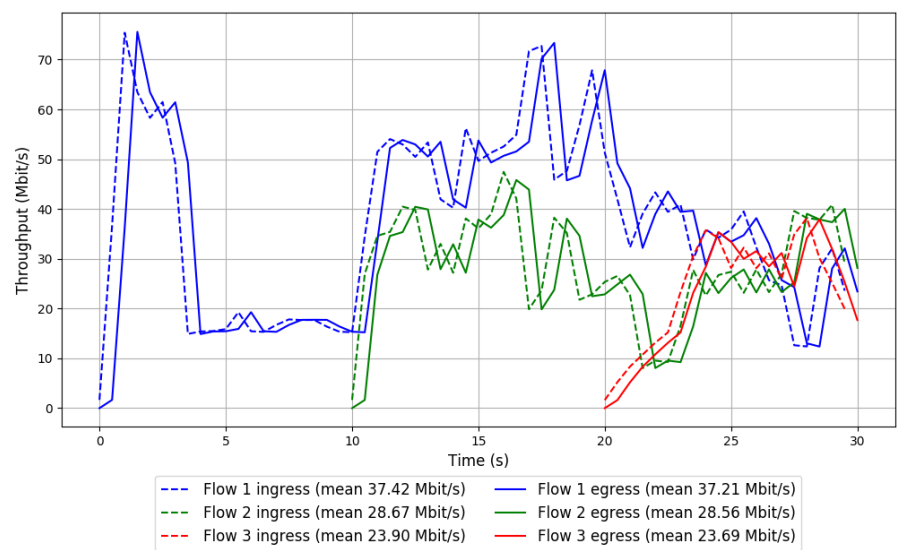


Run 1: Statistics of PCC-Vivace

Start at: 2018-05-22 15:46:17
End at: 2018-05-22 15:46:47
Local clock offset: -6.968 ms
Remote clock offset: -2.533 ms

Below is generated by plot.py at 2018-05-22 18:46:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 64.03 Mbit/s
95th percentile per-packet one-way delay: 32.257 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 37.21 Mbit/s
95th percentile per-packet one-way delay: 30.643 ms
Loss rate: 0.57%
-- Flow 2:
Average throughput: 28.56 Mbit/s
95th percentile per-packet one-way delay: 30.186 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 23.69 Mbit/s
95th percentile per-packet one-way delay: 34.602 ms
Loss rate: 1.00%

Run 1: Report of PCC-Vivace — Data Link

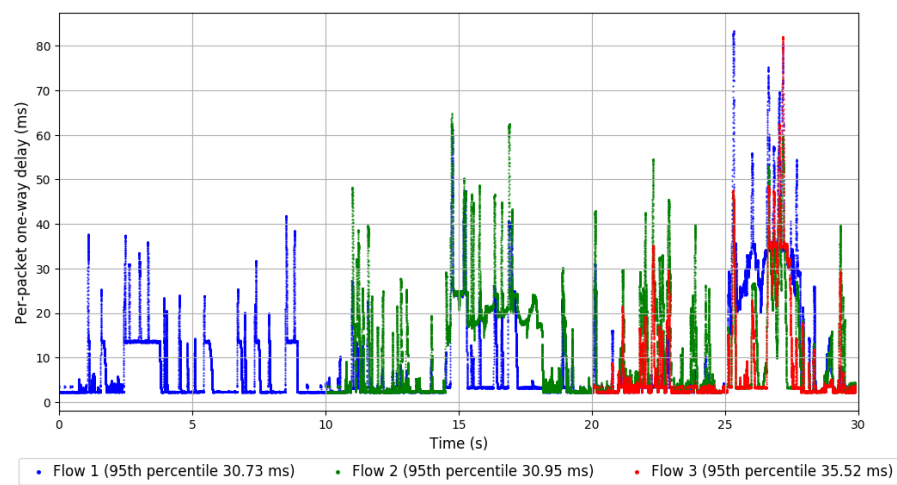
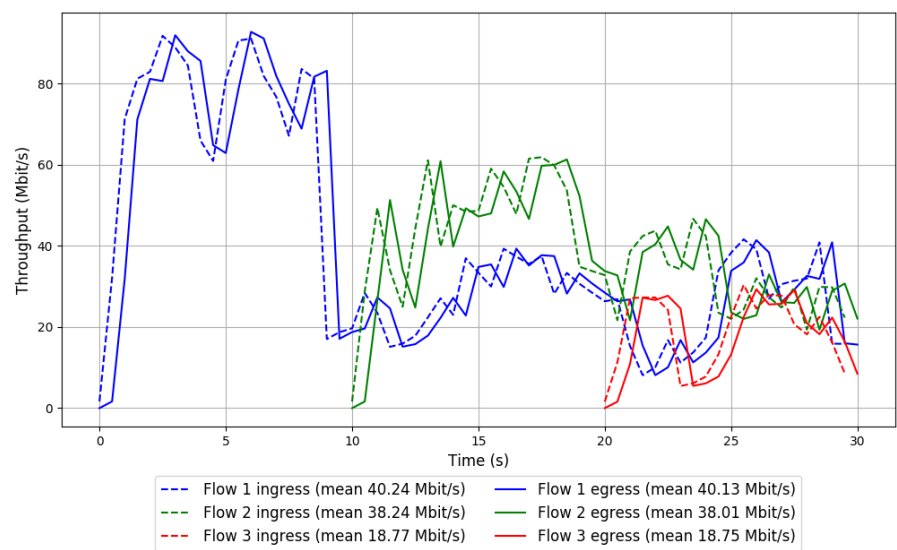


Run 2: Statistics of PCC-Vivace

Start at: 2018-05-22 16:04:00
End at: 2018-05-22 16:04:30
Local clock offset: -6.073 ms
Remote clock offset: -2.737 ms

Below is generated by plot.py at 2018-05-22 18:46:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 71.60 Mbit/s
95th percentile per-packet one-way delay: 31.704 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 40.13 Mbit/s
95th percentile per-packet one-way delay: 30.728 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 38.01 Mbit/s
95th percentile per-packet one-way delay: 30.954 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 18.75 Mbit/s
95th percentile per-packet one-way delay: 35.516 ms
Loss rate: 0.21%

Run 2: Report of PCC-Vivace — Data Link

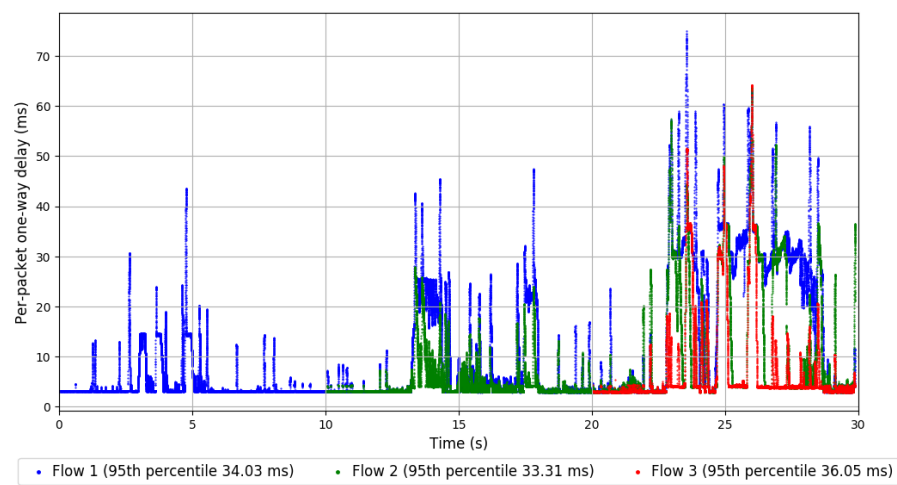
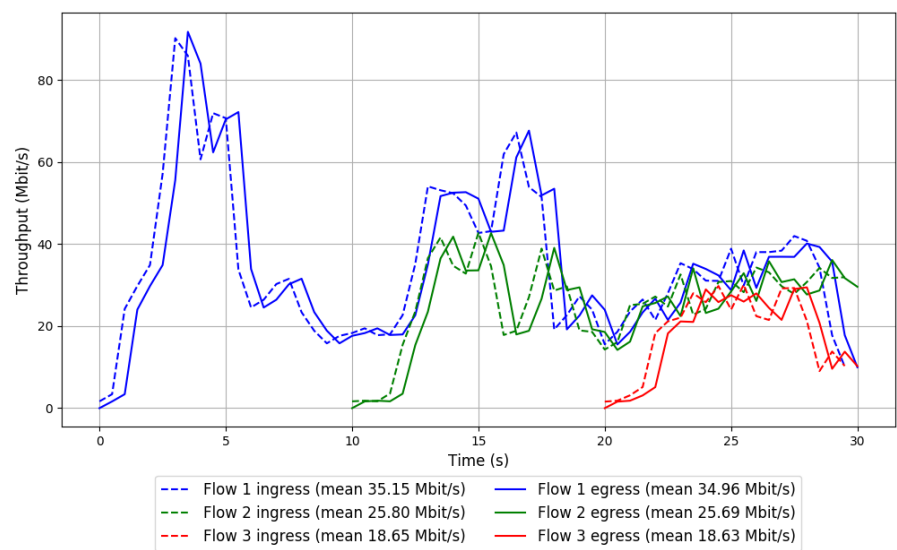


Run 3: Statistics of PCC-Vivace

Start at: 2018-05-22 16:21:44
End at: 2018-05-22 16:22:14
Local clock offset: -5.258 ms
Remote clock offset: -6.373 ms

Below is generated by plot.py at 2018-05-22 18:46:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 58.19 Mbit/s
95th percentile per-packet one-way delay: 34.412 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 34.96 Mbit/s
95th percentile per-packet one-way delay: 34.029 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 25.69 Mbit/s
95th percentile per-packet one-way delay: 33.314 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 18.63 Mbit/s
95th percentile per-packet one-way delay: 36.048 ms
Loss rate: 0.16%

Run 3: Report of PCC-Vivace — Data Link

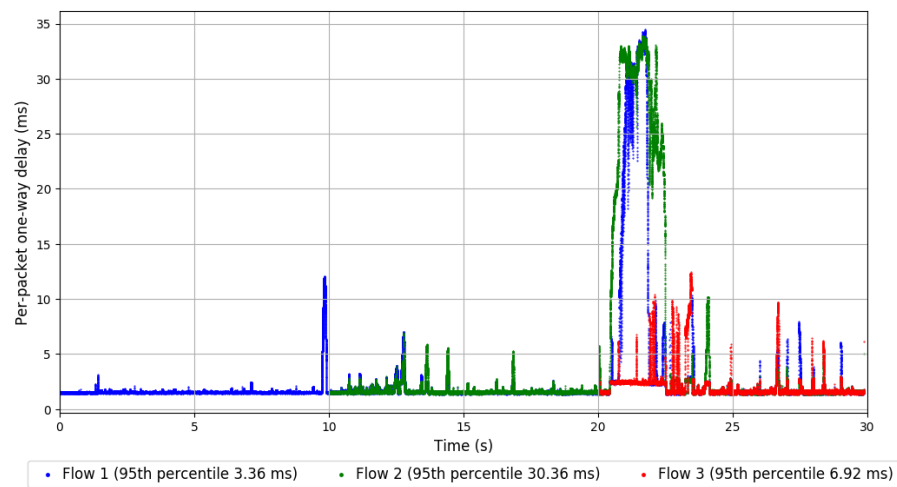
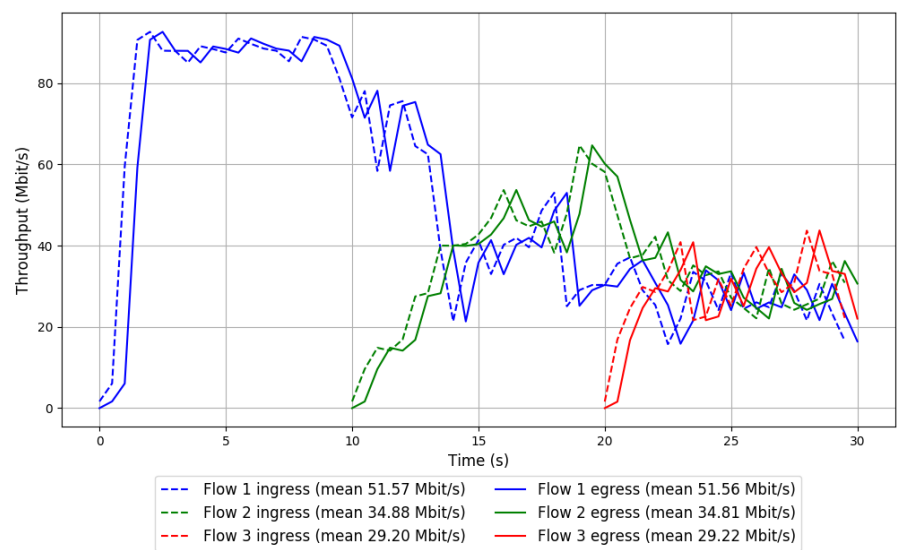


Run 4: Statistics of PCC-Vivace

Start at: 2018-05-22 16:39:29
End at: 2018-05-22 16:39:59
Local clock offset: -6.49 ms
Remote clock offset: -8.582 ms

Below is generated by plot.py at 2018-05-22 18:47:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.35 Mbit/s
95th percentile per-packet one-way delay: 10.435 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 51.56 Mbit/s
95th percentile per-packet one-way delay: 3.357 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 34.81 Mbit/s
95th percentile per-packet one-way delay: 30.360 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 29.22 Mbit/s
95th percentile per-packet one-way delay: 6.918 ms
Loss rate: 0.05%

Run 4: Report of PCC-Vivace — Data Link

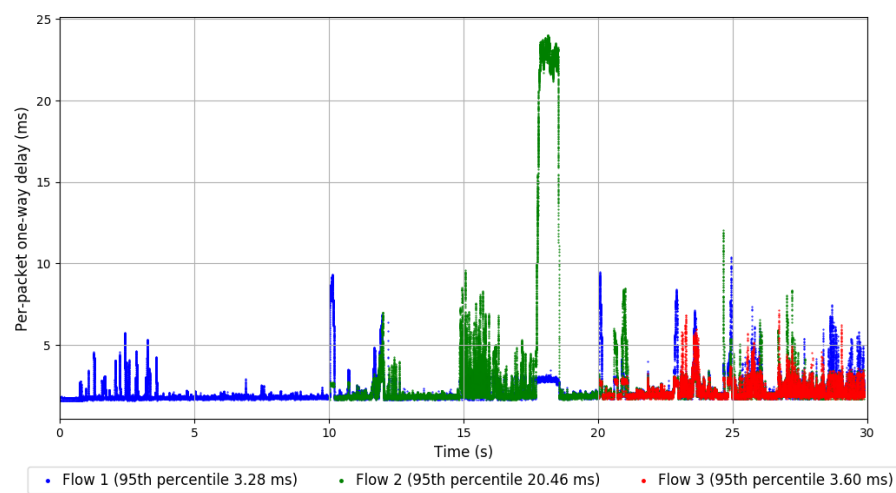
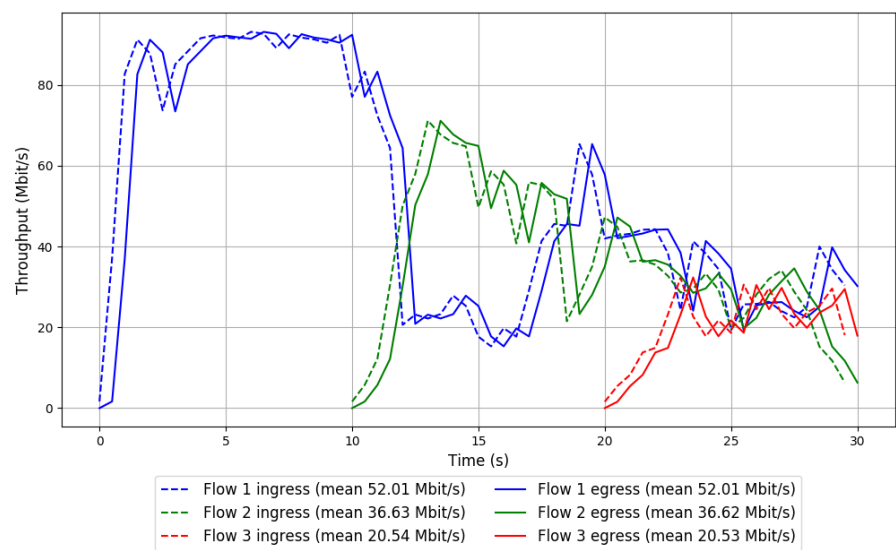


Run 5: Statistics of PCC-Vivace

Start at: 2018-05-22 16:57:20
End at: 2018-05-22 16:57:50
Local clock offset: -6.452 ms
Remote clock offset: -4.567 ms

Below is generated by plot.py at 2018-05-22 18:47:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.13 Mbit/s
95th percentile per-packet one-way delay: 4.515 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 52.01 Mbit/s
95th percentile per-packet one-way delay: 3.283 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 36.62 Mbit/s
95th percentile per-packet one-way delay: 20.463 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 20.53 Mbit/s
95th percentile per-packet one-way delay: 3.605 ms
Loss rate: 0.06%

Run 5: Report of PCC-Vivace — Data Link



Run 6: Statistics of PCC-Vivace

Start at: 2018-05-22 17:15:12

End at: 2018-05-22 17:15:42

Local clock offset: -6.758 ms

Remote clock offset: -2.39 ms

Below is generated by plot.py at 2018-05-22 18:47:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 82.85 Mbit/s

95th percentile per-packet one-way delay: 5.718 ms

Loss rate: 0.05%

-- Flow 1:

Average throughput: 54.36 Mbit/s

95th percentile per-packet one-way delay: 3.237 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 28.59 Mbit/s

95th percentile per-packet one-way delay: 27.435 ms

Loss rate: 0.16%

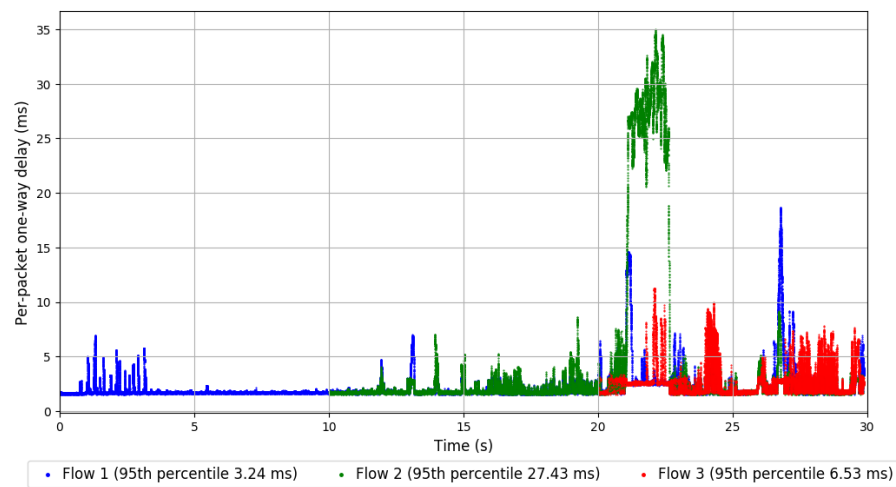
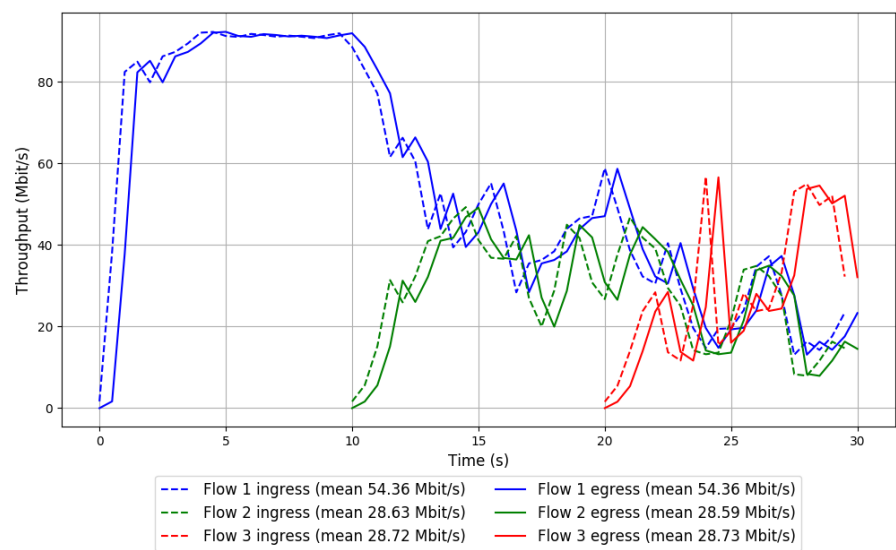
-- Flow 3:

Average throughput: 28.73 Mbit/s

95th percentile per-packet one-way delay: 6.534 ms

Loss rate: 0.04%

Run 6: Report of PCC-Vivace — Data Link

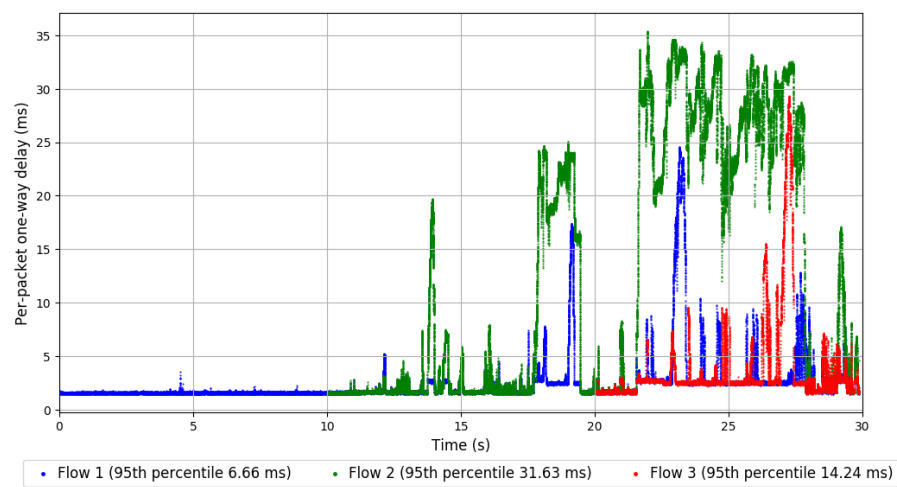
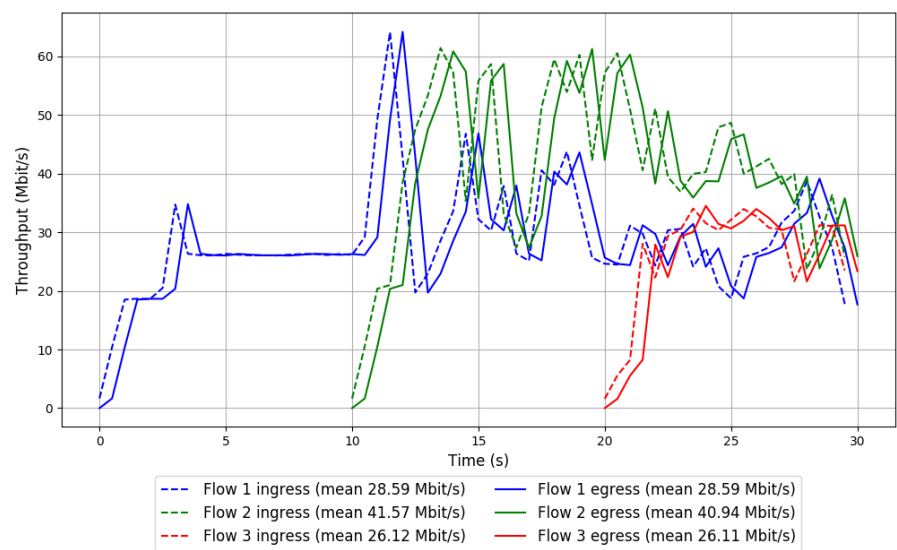


Run 7: Statistics of PCC-Vivace

Start at: 2018-05-22 17:33:02
End at: 2018-05-22 17:33:32
Local clock offset: -6.775 ms
Remote clock offset: -2.101 ms

Below is generated by plot.py at 2018-05-22 18:47:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 64.43 Mbit/s
95th percentile per-packet one-way delay: 28.845 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 28.59 Mbit/s
95th percentile per-packet one-way delay: 6.662 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 40.94 Mbit/s
95th percentile per-packet one-way delay: 31.630 ms
Loss rate: 1.52%
-- Flow 3:
Average throughput: 26.11 Mbit/s
95th percentile per-packet one-way delay: 14.237 ms
Loss rate: 0.08%

Run 7: Report of PCC-Vivace — Data Link



Run 8: Statistics of PCC-Vivace

Start at: 2018-05-22 17:50:53

End at: 2018-05-22 17:51:23

Local clock offset: -5.206 ms

Remote clock offset: -1.59 ms

Below is generated by plot.py at 2018-05-22 18:47:36

Datalink statistics

-- Total of 3 flows:

Average throughput: 76.76 Mbit/s

95th percentile per-packet one-way delay: 14.637 ms

Loss rate: 0.15%

-- Flow 1:

Average throughput: 43.04 Mbit/s

95th percentile per-packet one-way delay: 14.449 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 39.61 Mbit/s

95th percentile per-packet one-way delay: 27.972 ms

Loss rate: 0.29%

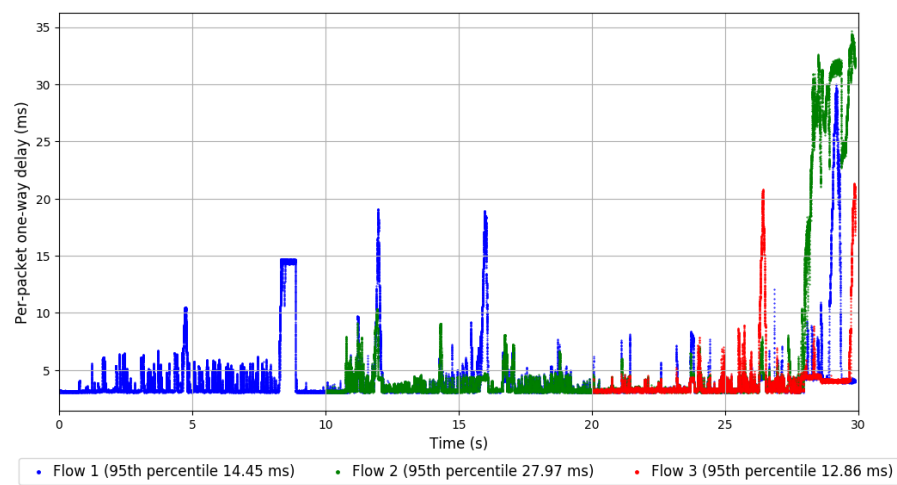
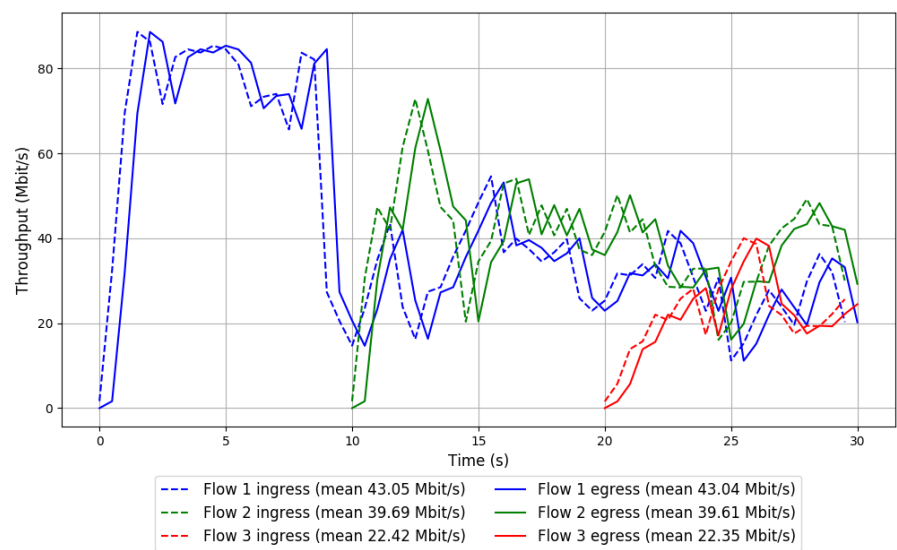
-- Flow 3:

Average throughput: 22.35 Mbit/s

95th percentile per-packet one-way delay: 12.862 ms

Loss rate: 0.32%

Run 8: Report of PCC-Vivace — Data Link

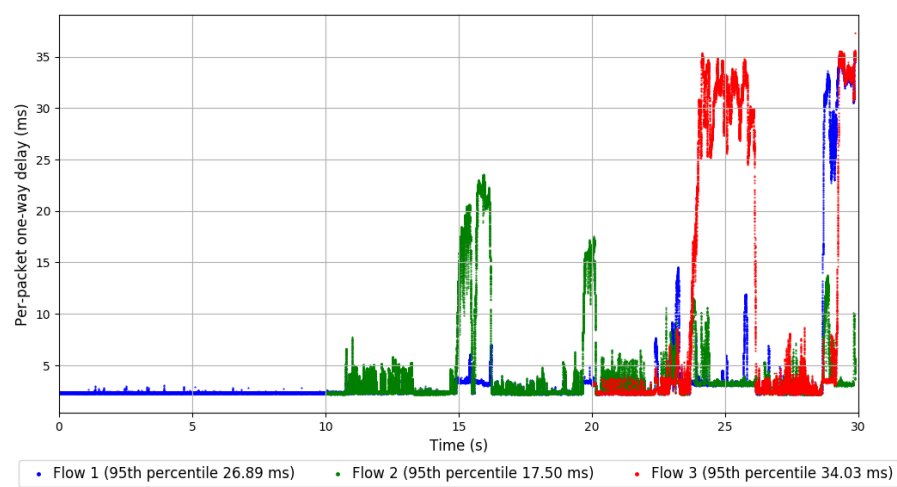
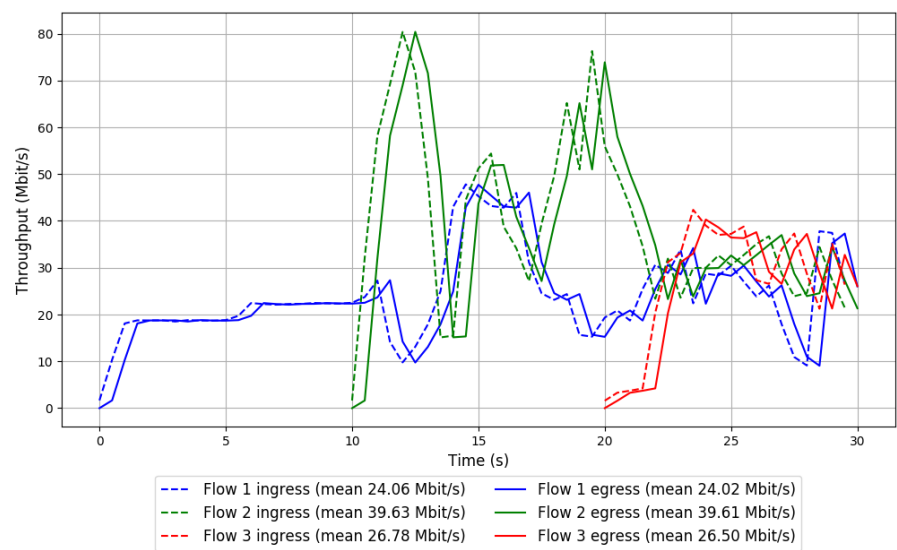


Run 9: Statistics of PCC-Vivace

Start at: 2018-05-22 18:08:45
End at: 2018-05-22 18:09:15
Local clock offset: -5.816 ms
Remote clock offset: -2.905 ms

Below is generated by plot.py at 2018-05-22 18:47:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 59.10 Mbit/s
95th percentile per-packet one-way delay: 30.900 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 24.02 Mbit/s
95th percentile per-packet one-way delay: 26.888 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 39.61 Mbit/s
95th percentile per-packet one-way delay: 17.498 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 26.50 Mbit/s
95th percentile per-packet one-way delay: 34.035 ms
Loss rate: 1.18%

Run 9: Report of PCC-Vivace — Data Link

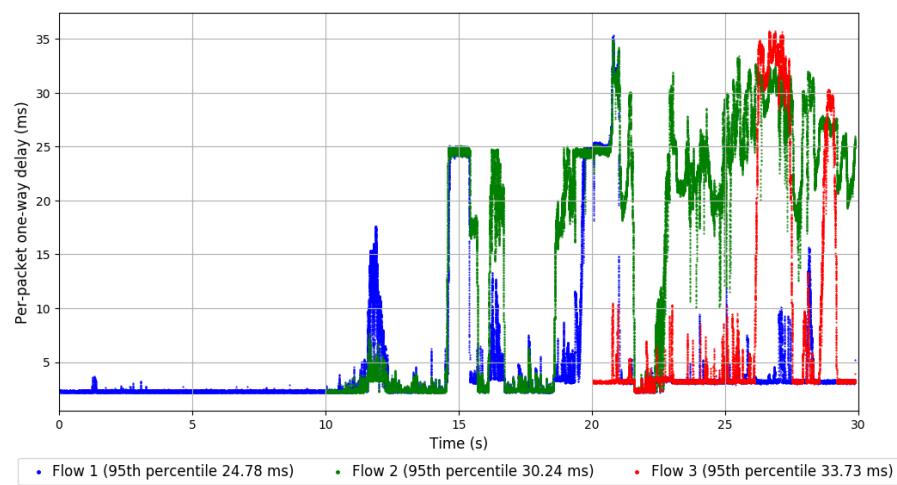
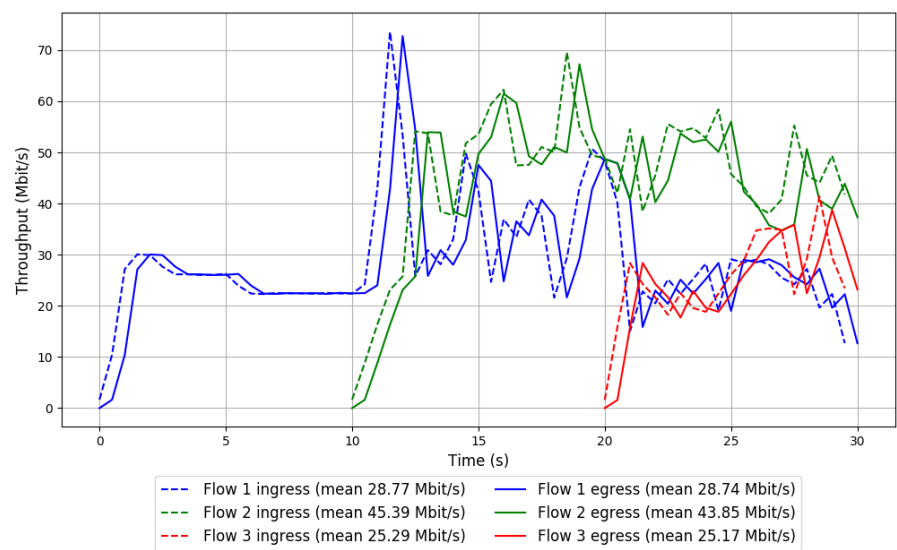


Run 10: Statistics of PCC-Vivace

Start at: 2018-05-22 18:26:35
End at: 2018-05-22 18:27:05
Local clock offset: -5.793 ms
Remote clock offset: -3.564 ms

Below is generated by plot.py at 2018-05-22 18:47:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 66.21 Mbit/s
95th percentile per-packet one-way delay: 29.765 ms
Loss rate: 1.67%
-- Flow 1:
Average throughput: 28.74 Mbit/s
95th percentile per-packet one-way delay: 24.778 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 43.85 Mbit/s
95th percentile per-packet one-way delay: 30.240 ms
Loss rate: 3.47%
-- Flow 3:
Average throughput: 25.17 Mbit/s
95th percentile per-packet one-way delay: 33.734 ms
Loss rate: 0.50%

Run 10: Report of PCC-Vivace — Data Link



Run 1: Statistics of WebRTC media

Start at: 2018-05-22 15:43:01

End at: 2018-05-22 15:43:31

Local clock offset: -6.908 ms

Remote clock offset: -2.36 ms

Below is generated by plot.py at 2018-05-22 18:47:36

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.57 Mbit/s

95th percentile per-packet one-way delay: 2.884 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.40 Mbit/s

95th percentile per-packet one-way delay: 2.815 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.50 Mbit/s

95th percentile per-packet one-way delay: 2.890 ms

Loss rate: 0.00%

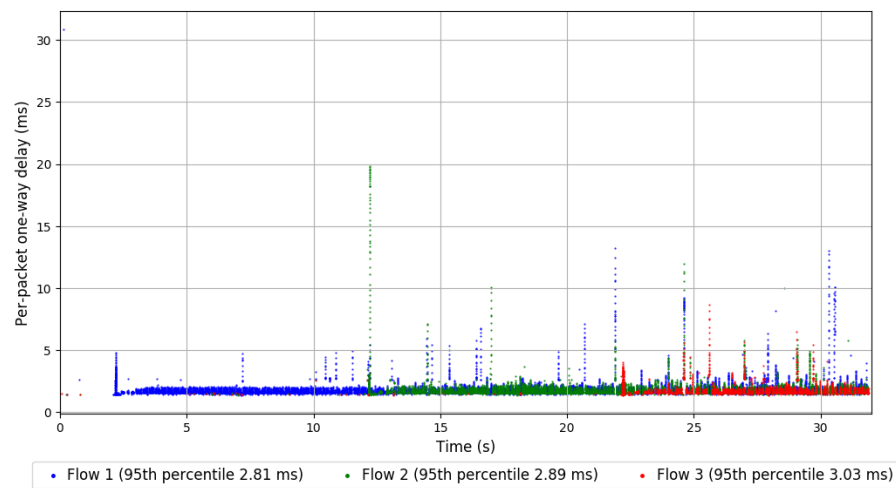
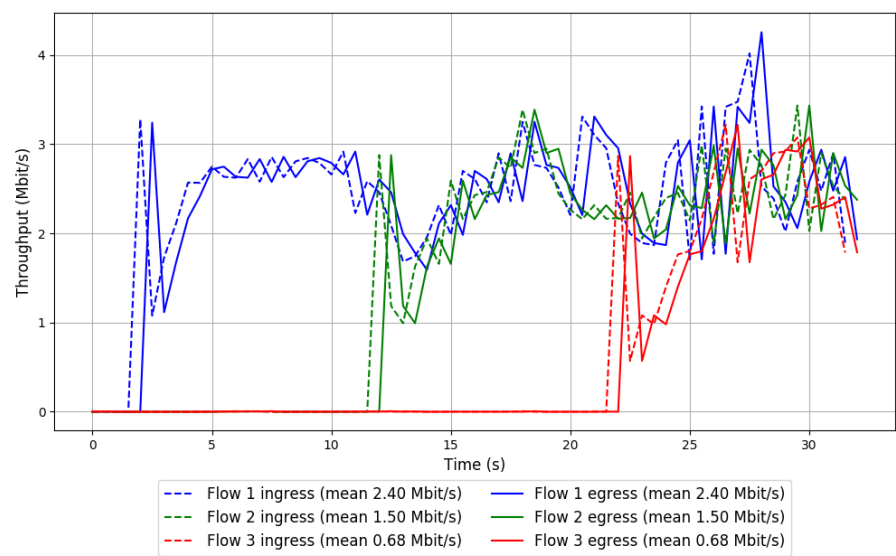
-- Flow 3:

Average throughput: 0.68 Mbit/s

95th percentile per-packet one-way delay: 3.030 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

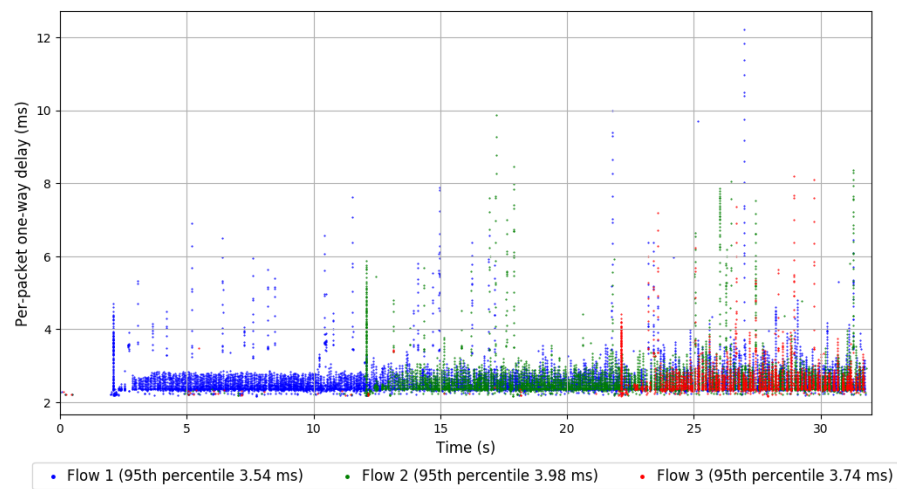
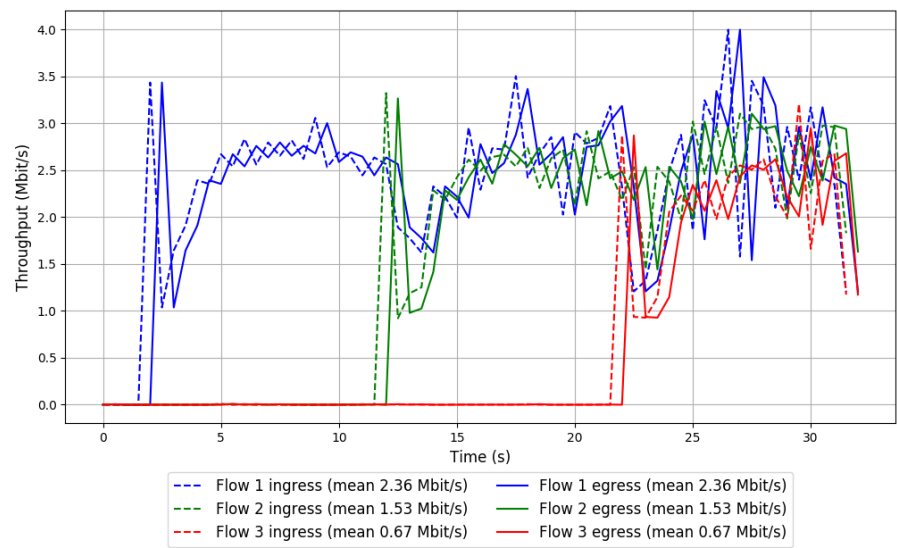


Run 2: Statistics of WebRTC media

Start at: 2018-05-22 16:00:45
End at: 2018-05-22 16:01:15
Local clock offset: -6.127 ms
Remote clock offset: -2.776 ms

Below is generated by plot.py at 2018-05-22 18:47:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.55 Mbit/s
95th percentile per-packet one-way delay: 3.646 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 3.543 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.53 Mbit/s
95th percentile per-packet one-way delay: 3.975 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 0.67 Mbit/s
95th percentile per-packet one-way delay: 3.737 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2018-05-22 16:18:27

End at: 2018-05-22 16:18:57

Local clock offset: -6.032 ms

Remote clock offset: -5.44 ms

Below is generated by plot.py at 2018-05-22 18:47:36

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.56 Mbit/s

95th percentile per-packet one-way delay: 3.933 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.36 Mbit/s

95th percentile per-packet one-way delay: 3.699 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.53 Mbit/s

95th percentile per-packet one-way delay: 3.567 ms

Loss rate: 0.00%

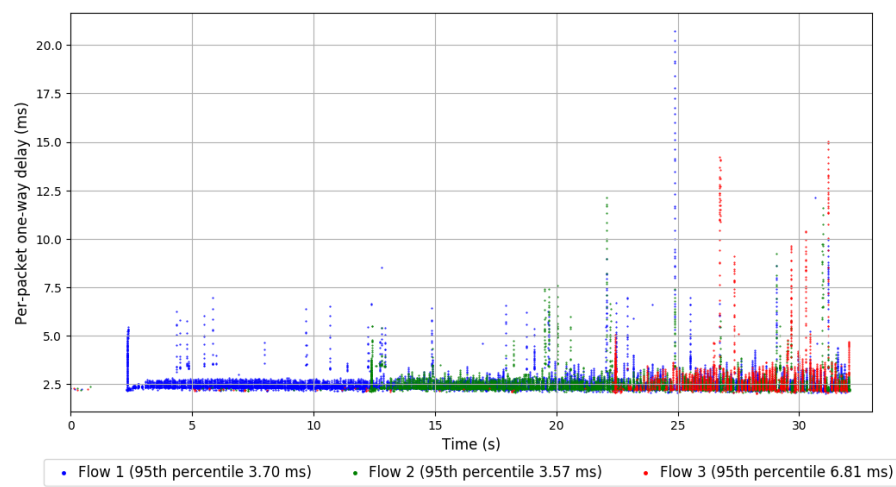
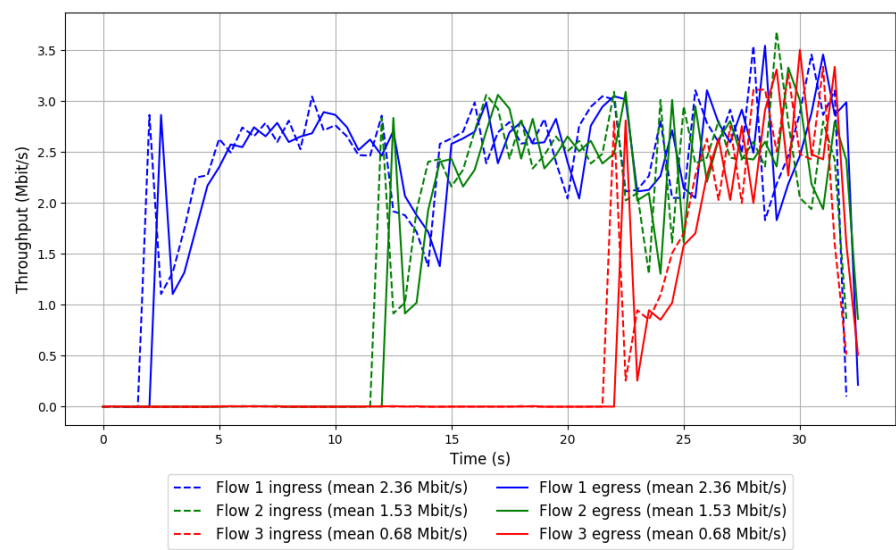
-- Flow 3:

Average throughput: 0.68 Mbit/s

95th percentile per-packet one-way delay: 6.811 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

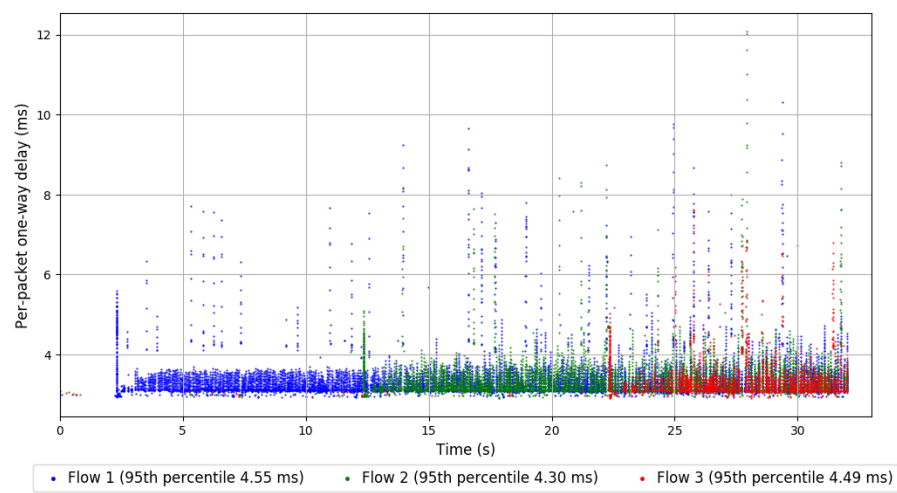
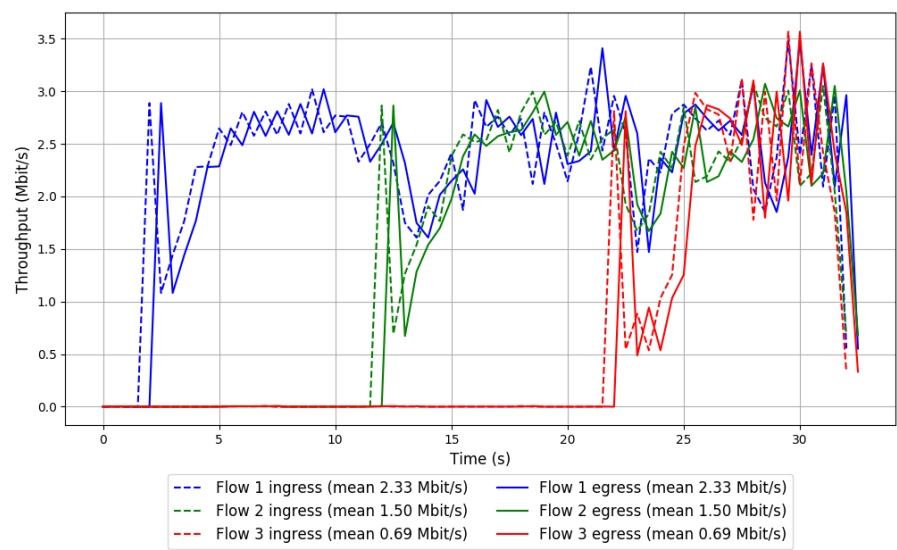


Run 4: Statistics of WebRTC media

Start at: 2018-05-22 16:36:13
End at: 2018-05-22 16:36:43
Local clock offset: -5.001 ms
Remote clock offset: -8.372 ms

Below is generated by plot.py at 2018-05-22 18:47:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.51 Mbit/s
95th percentile per-packet one-way delay: 4.456 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 4.548 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: 4.298 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.69 Mbit/s
95th percentile per-packet one-way delay: 4.486 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

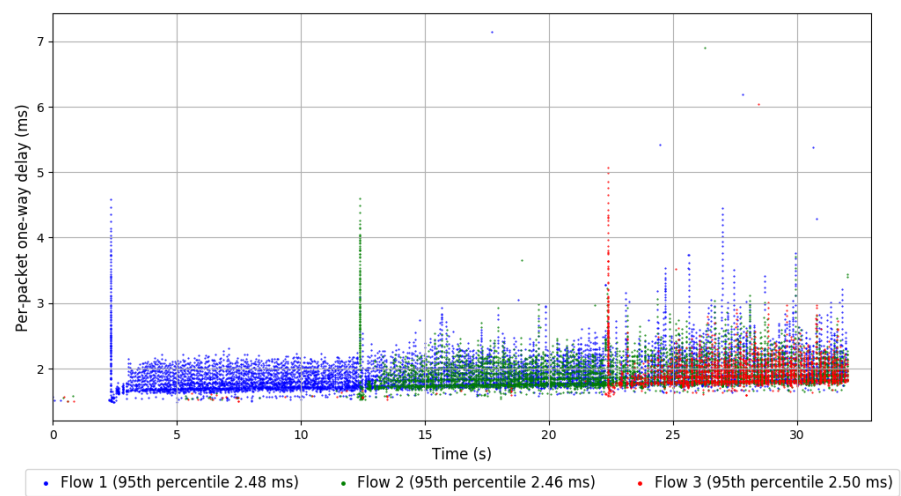
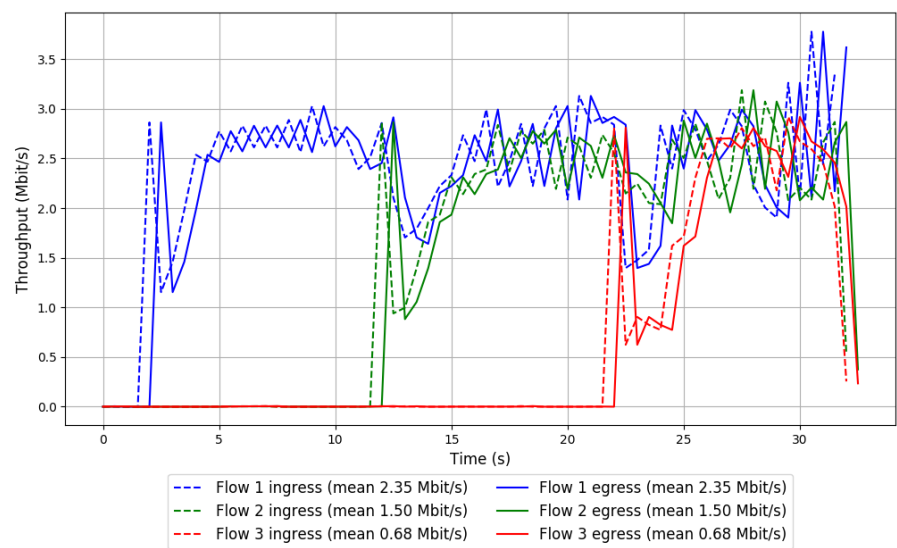


Run 5: Statistics of WebRTC media

Start at: 2018-05-22 16:54:03
End at: 2018-05-22 16:54:33
Local clock offset: -6.354 ms
Remote clock offset: -5.315 ms

Below is generated by plot.py at 2018-05-22 18:47:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.49 Mbit/s
95th percentile per-packet one-way delay: 2.479 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 2.481 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: 2.464 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 0.68 Mbit/s
95th percentile per-packet one-way delay: 2.499 ms
Loss rate: 0.05%

Run 5: Report of WebRTC media — Data Link

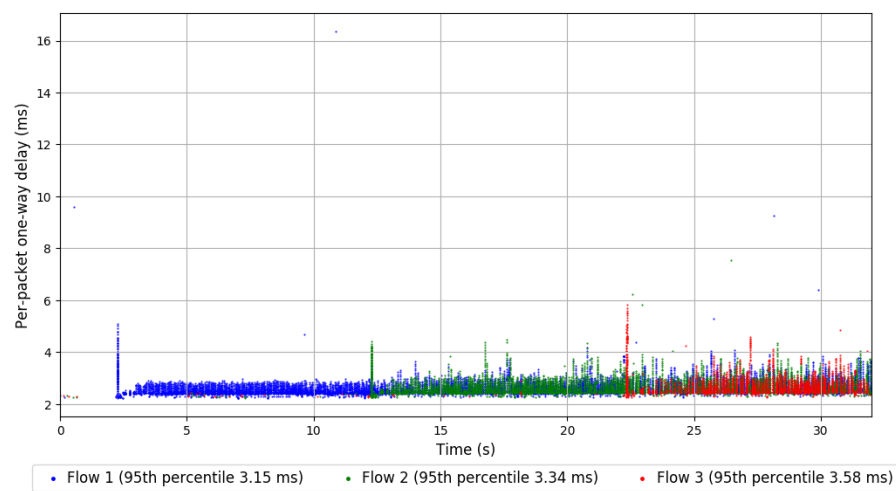
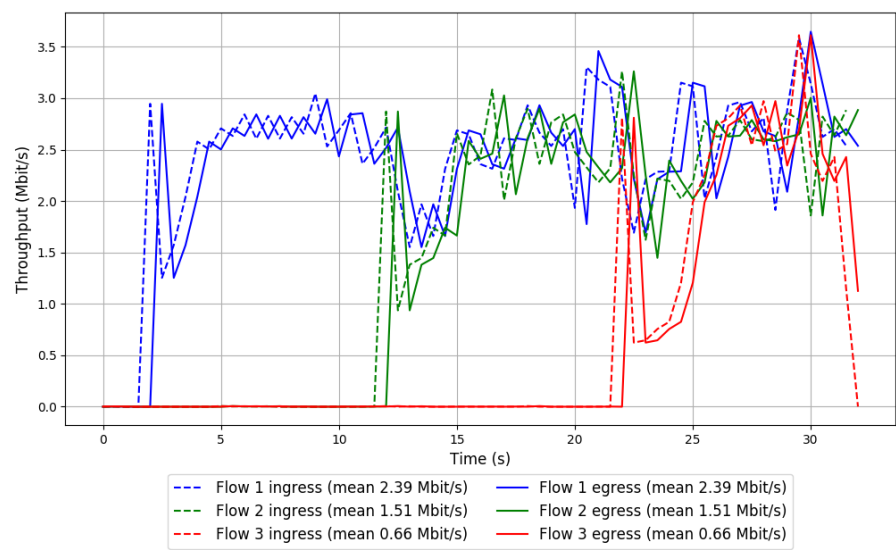


Run 6: Statistics of WebRTC media

Start at: 2018-05-22 17:11:55
End at: 2018-05-22 17:12:25
Local clock offset: -5.972 ms
Remote clock offset: -2.572 ms

Below is generated by plot.py at 2018-05-22 18:47:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.54 Mbit/s
95th percentile per-packet one-way delay: 3.268 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 3.149 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.51 Mbit/s
95th percentile per-packet one-way delay: 3.339 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.66 Mbit/s
95th percentile per-packet one-way delay: 3.578 ms
Loss rate: 0.05%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2018-05-22 17:29:46

End at: 2018-05-22 17:30:16

Local clock offset: -5.251 ms

Remote clock offset: -2.07 ms

Below is generated by plot.py at 2018-05-22 18:47:36

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.49 Mbit/s

95th percentile per-packet one-way delay: 3.948 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 3.814 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.49 Mbit/s

95th percentile per-packet one-way delay: 4.053 ms

Loss rate: 0.00%

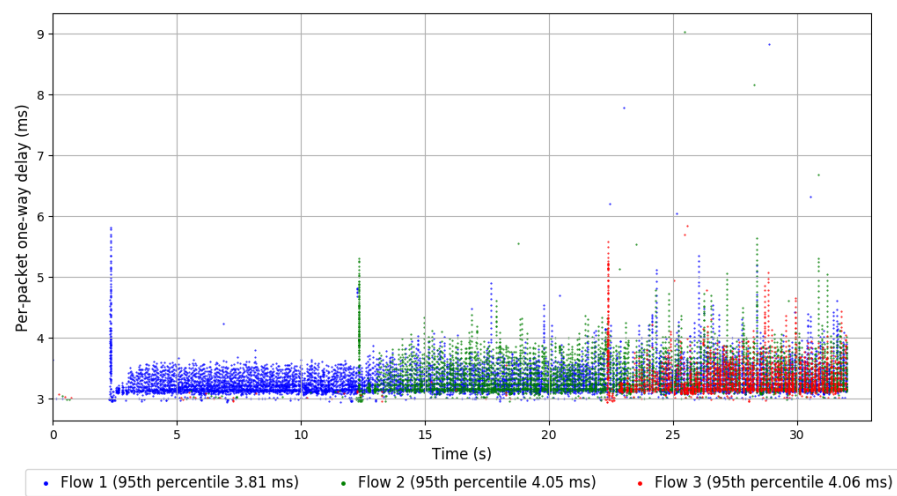
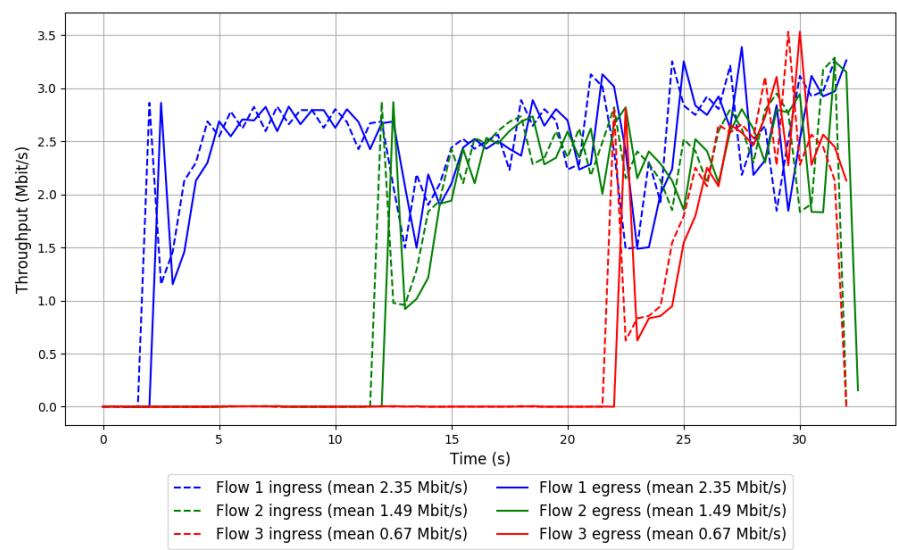
-- Flow 3:

Average throughput: 0.67 Mbit/s

95th percentile per-packet one-way delay: 4.064 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

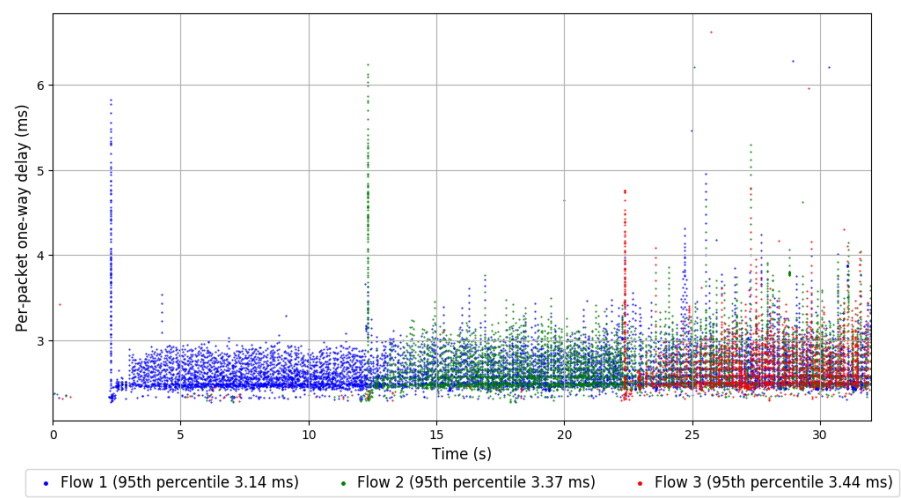
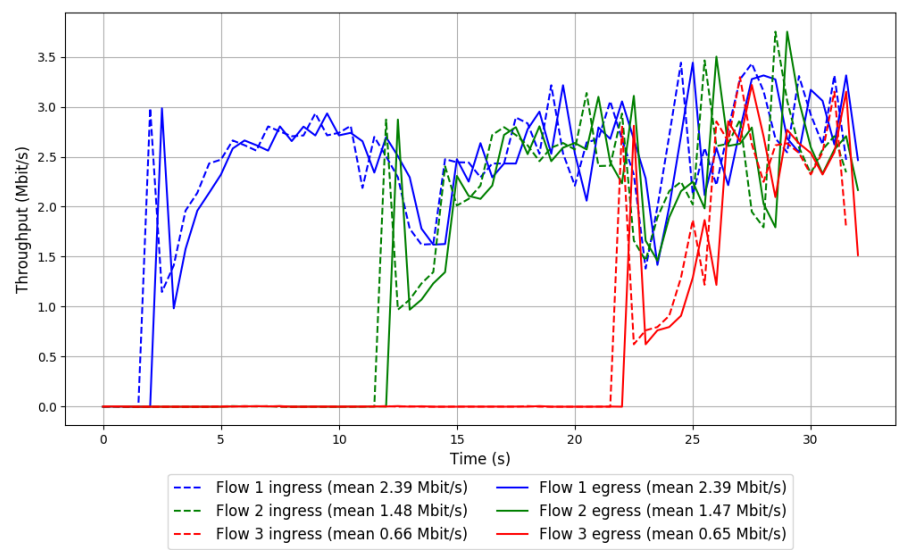


Run 8: Statistics of WebRTC media

Start at: 2018-05-22 17:47:37
End at: 2018-05-22 17:48:07
Local clock offset: -5.981 ms
Remote clock offset: -1.701 ms

Below is generated by plot.py at 2018-05-22 18:47:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.50 Mbit/s
95th percentile per-packet one-way delay: 3.271 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 3.142 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: 3.368 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: 3.440 ms
Loss rate: 0.65%

Run 8: Report of WebRTC media — Data Link

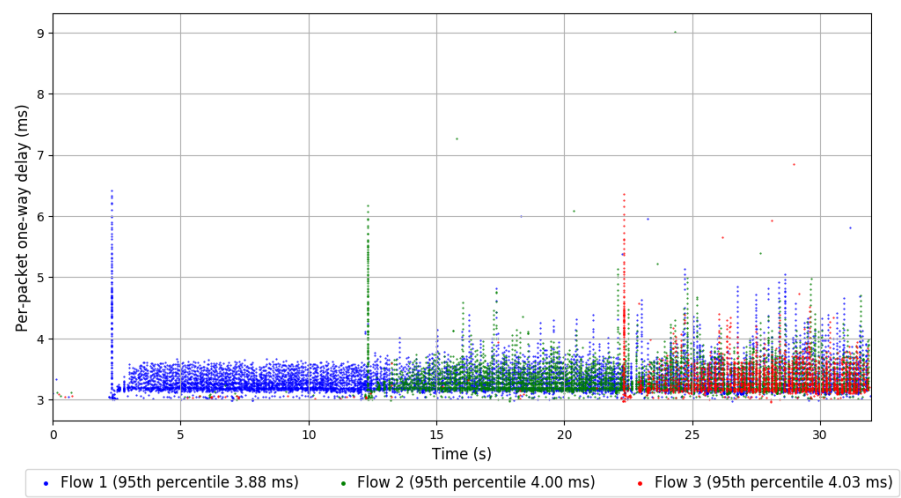
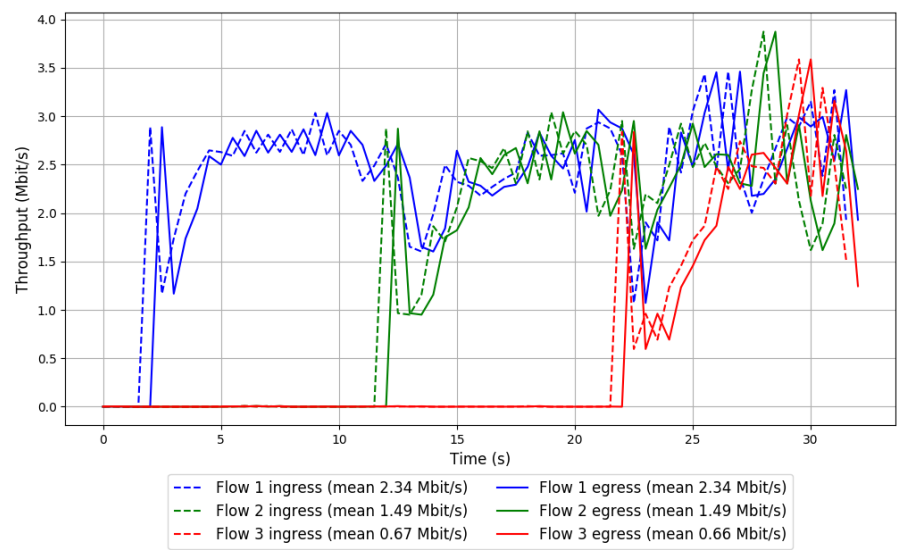


Run 9: Statistics of WebRTC media

Start at: 2018-05-22 18:05:28
End at: 2018-05-22 18:05:58
Local clock offset: -5.078 ms
Remote clock offset: -2.767 ms

Below is generated by plot.py at 2018-05-22 18:47:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.48 Mbit/s
95th percentile per-packet one-way delay: 3.939 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 3.884 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.49 Mbit/s
95th percentile per-packet one-way delay: 3.997 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.66 Mbit/s
95th percentile per-packet one-way delay: 4.025 ms
Loss rate: 0.64%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-05-22 18:23:19
End at: 2018-05-22 18:23:49
Local clock offset: -5.8 ms
Remote clock offset: -3.396 ms

Below is generated by plot.py at 2018-05-22 18:47:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.54 Mbit/s
95th percentile per-packet one-way delay: 3.012 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 2.975 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: 3.031 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.67 Mbit/s
95th percentile per-packet one-way delay: 3.147 ms
Loss rate: 0.41%

Run 10: Report of WebRTC media — Data Link

