

Pantheon Report

Generated at 2018-03-21 08:40:00 (UTC).

Data path: AWS Brazil 2 Ethernet (*local*) → Colombia Ethernet (*remote*).

Repeated the test of 17 congestion control schemes 10 times.

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

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

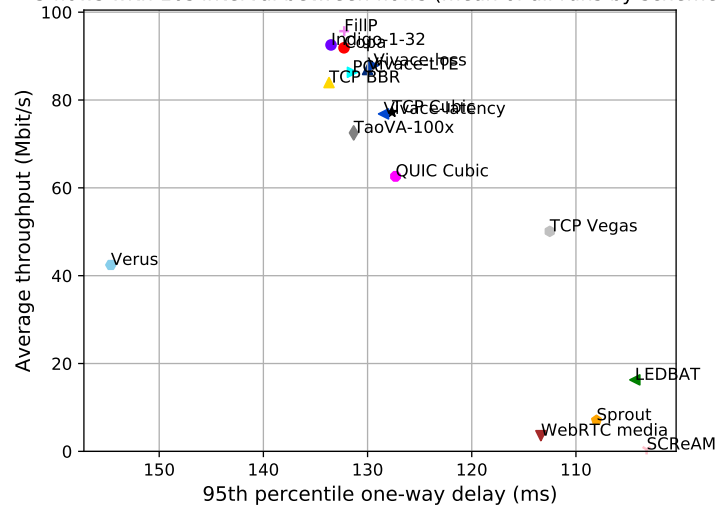
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

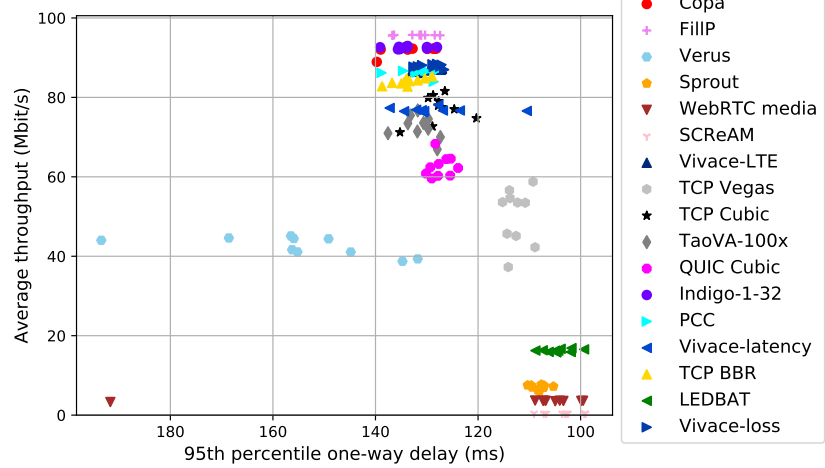
Git summary:

```
branch: master @ f12c42a2c63fdd9a862eefa0468859bf379b6623
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ 828bbf95fd4941149b5cec90f281d1c69ae1a5c6
third_party/genericCC @ 9249eea3238475c4d8cca1443d28df70bff6c4a2
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecd90c077e64d
third_party/indigo-1-layer-32-unit-no-calib @ 1f3a7f75b41135ed5b540c0fd3505939528e2a5f
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
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/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eae30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 7a4ba531e75b4a6f66f5c4580192120401784ce3
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

test from AWS Brazil 2 Ethernet to Colombia Ethernet, 10 runs of 30s each per scheme
3 flows with 10s interval between flows (mean of all runs by scheme)



test from AWS Brazil 2 Ethernet to Colombia Ethernet, 10 runs of 30s each per scheme
3 flows with 10s interval between flows



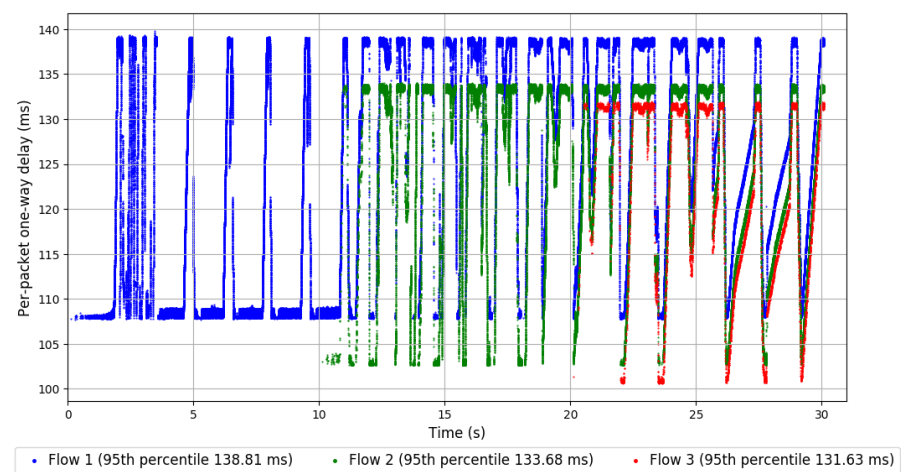
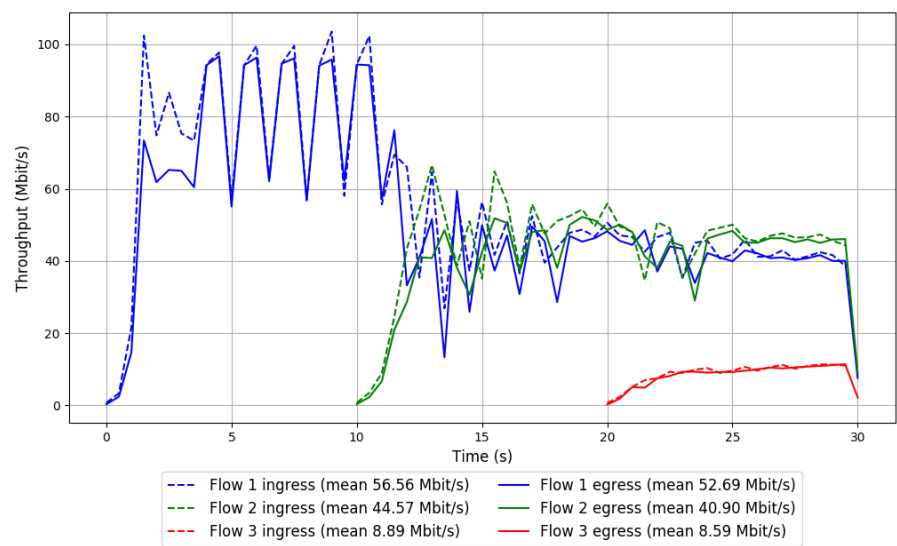
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	52.18	36.54	22.48	131.81	131.16	131.51	7.18	10.07	12.89
TCP Cubic	10	43.71	37.78	25.14	126.24	128.42	127.95	0.49	0.91	1.14
LEDBAT	10	10.55	6.93	3.41	103.40	103.75	102.81	0.02	0.02	0.00
PCC	10	78.28	8.08	8.08	131.43	131.21	132.47	2.78	4.58	5.26
QUIC Cubic	10	43.10	22.05	15.07	129.52	121.87	121.83	0.65	0.57	0.54
SCReAM	10	0.22	0.22	0.22	100.83	102.38	100.59	0.00	0.06	0.00
WebRTC media	10	2.03	1.21	0.36	107.79	118.31	101.52	0.00	0.02	0.00
Sprout	10	3.78	3.57	2.85	107.59	108.18	107.27	0.00	0.11	0.41
TaoVA-100x	10	45.98	32.47	15.09	131.21	130.03	128.79	4.28	7.83	12.30
TCP Vegas	10	22.23	25.80	32.21	111.49	114.24	111.24	0.72	0.92	1.28
Verus	10	24.46	22.23	11.94	151.03	145.42	136.99	53.58	48.70	36.08
Copa	10	89.40	3.73	0.00	132.26	134.04	129.59	89.11	78.97	73.34
FillP	10	53.89	42.42	40.92	130.46	129.84	143.12	25.58	36.22	47.11
Indigo-1-32	10	64.59	22.96	40.01	130.88	131.47	131.78	20.12	45.79	67.62
Vivace-latency	10	64.59	14.92	7.05	128.17	127.72	126.48	0.26	0.45	0.62
Vivace-loss	10	82.34	6.21	4.24	129.39	132.05	131.65	2.98	3.96	4.06
Vivace-LTE	10	75.83	12.61	8.30	129.67	130.75	131.08	2.95	2.04	2.36

Run 1: Statistics of TCP BBR

Start at: 2018-03-21 04:06:36
End at: 2018-03-21 04:07:06
Local clock offset: -6.644 ms
Remote clock offset: -0.833 ms

Below is generated by plot.py at 2018-03-21 08:12:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.80 Mbit/s
95th percentile per-packet one-way delay: 138.723 ms
Loss rate: 7.09%
-- Flow 1:
Average throughput: 52.69 Mbit/s
95th percentile per-packet one-way delay: 138.808 ms
Loss rate: 6.76%
-- Flow 2:
Average throughput: 40.90 Mbit/s
95th percentile per-packet one-way delay: 133.678 ms
Loss rate: 8.10%
-- Flow 3:
Average throughput: 8.59 Mbit/s
95th percentile per-packet one-way delay: 131.635 ms
Loss rate: 3.07%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-03-21 04:30:52

End at: 2018-03-21 04:31:22

Local clock offset: -6.93 ms

Remote clock offset: -5.93 ms

Below is generated by plot.py at 2018-03-21 08:12:47

Datalink statistics

-- Total of 3 flows:

Average throughput: 83.52 Mbit/s

95th percentile per-packet one-way delay: 134.946 ms

Loss rate: 9.00%

-- Flow 1:

Average throughput: 51.17 Mbit/s

95th percentile per-packet one-way delay: 127.917 ms

Loss rate: 6.38%

-- Flow 2:

Average throughput: 36.78 Mbit/s

95th percentile per-packet one-way delay: 135.116 ms

Loss rate: 10.71%

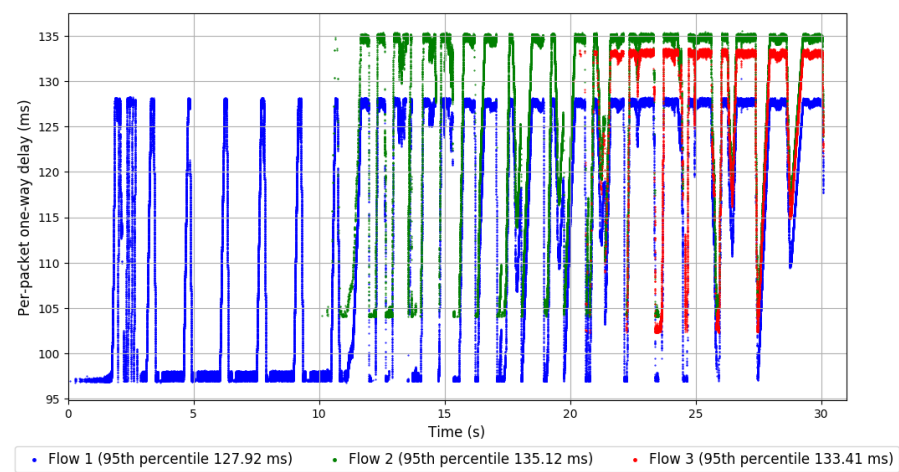
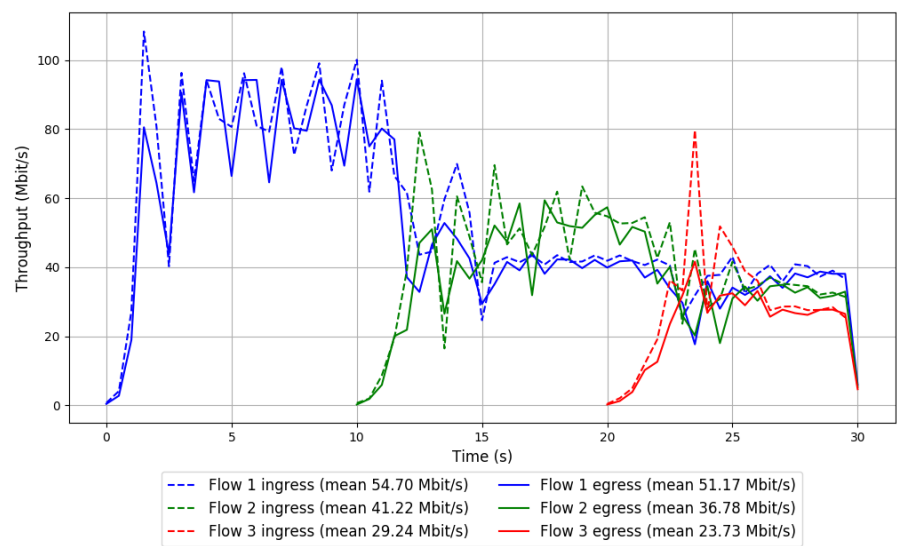
-- Flow 3:

Average throughput: 23.73 Mbit/s

95th percentile per-packet one-way delay: 133.415 ms

Loss rate: 18.95%

Run 2: Report of TCP BBR — Data Link

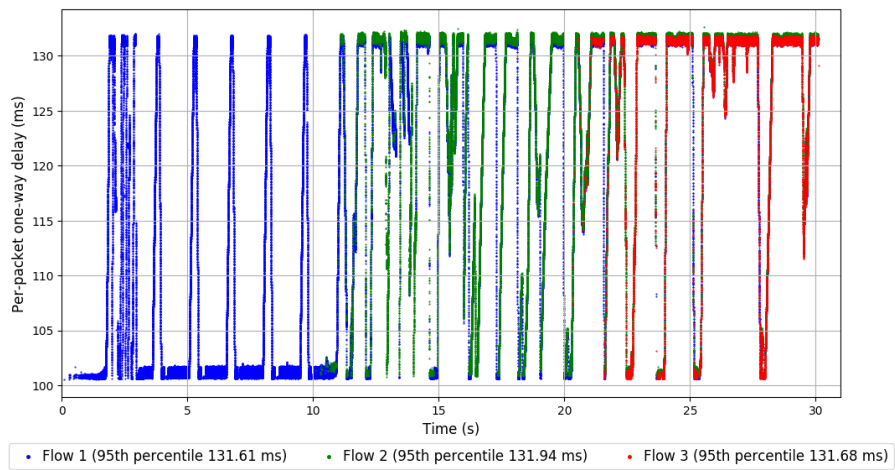
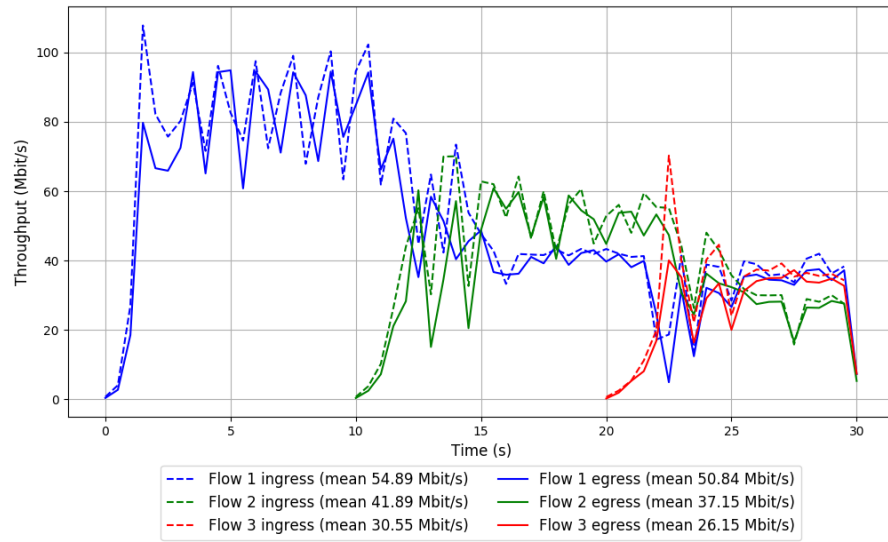


Run 3: Statistics of TCP BBR

Start at: 2018-03-21 04:54:55
End at: 2018-03-21 04:55:25
Local clock offset: -5.85 ms
Remote clock offset: -3.197 ms

Below is generated by plot.py at 2018-03-21 08:12:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.29 Mbit/s
95th percentile per-packet one-way delay: 131.783 ms
Loss rate: 9.21%
-- Flow 1:
Average throughput: 50.84 Mbit/s
95th percentile per-packet one-way delay: 131.613 ms
Loss rate: 7.28%
-- Flow 2:
Average throughput: 37.15 Mbit/s
95th percentile per-packet one-way delay: 131.936 ms
Loss rate: 11.17%
-- Flow 3:
Average throughput: 26.15 Mbit/s
95th percentile per-packet one-way delay: 131.676 ms
Loss rate: 14.20%

Run 3: Report of TCP BBR — Data Link

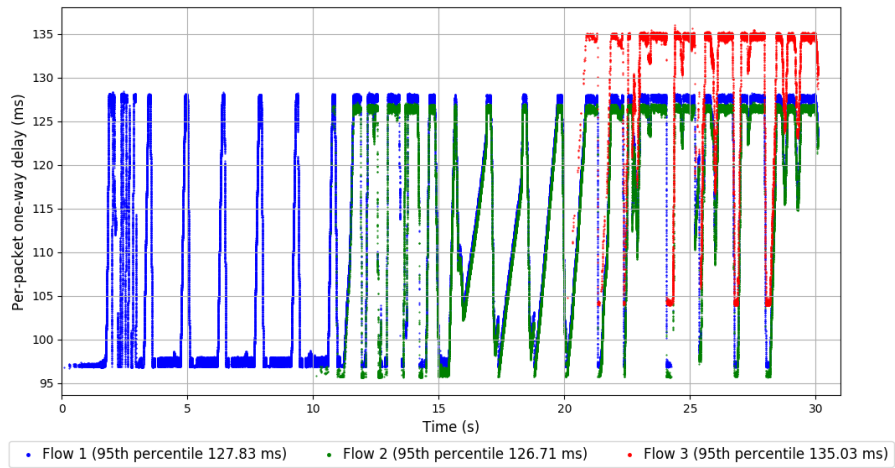
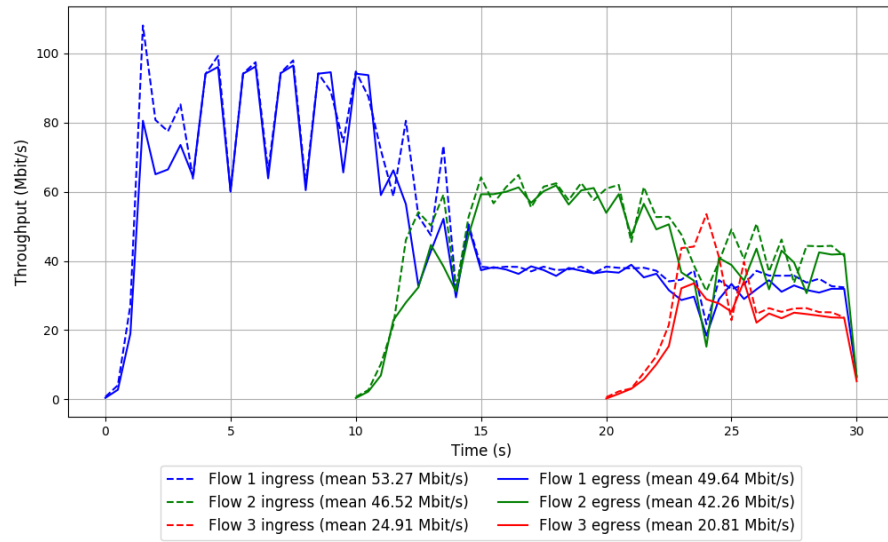


Run 4: Statistics of TCP BBR

Start at: 2018-03-21 05:19:06
End at: 2018-03-21 05:19:36
Local clock offset: -6.577 ms
Remote clock offset: -8.219 ms

Below is generated by plot.py at 2018-03-21 08:12:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.72 Mbit/s
95th percentile per-packet one-way delay: 133.933 ms
Loss rate: 8.36%
-- Flow 1:
Average throughput: 49.64 Mbit/s
95th percentile per-packet one-way delay: 127.831 ms
Loss rate: 6.72%
-- Flow 2:
Average throughput: 42.26 Mbit/s
95th percentile per-packet one-way delay: 126.714 ms
Loss rate: 9.04%
-- Flow 3:
Average throughput: 20.81 Mbit/s
95th percentile per-packet one-way delay: 135.026 ms
Loss rate: 16.38%

Run 4: Report of TCP BBR — Data Link

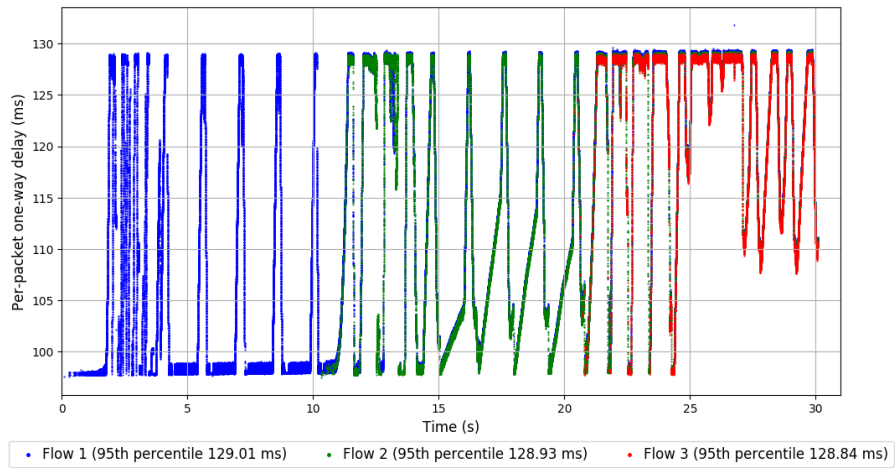
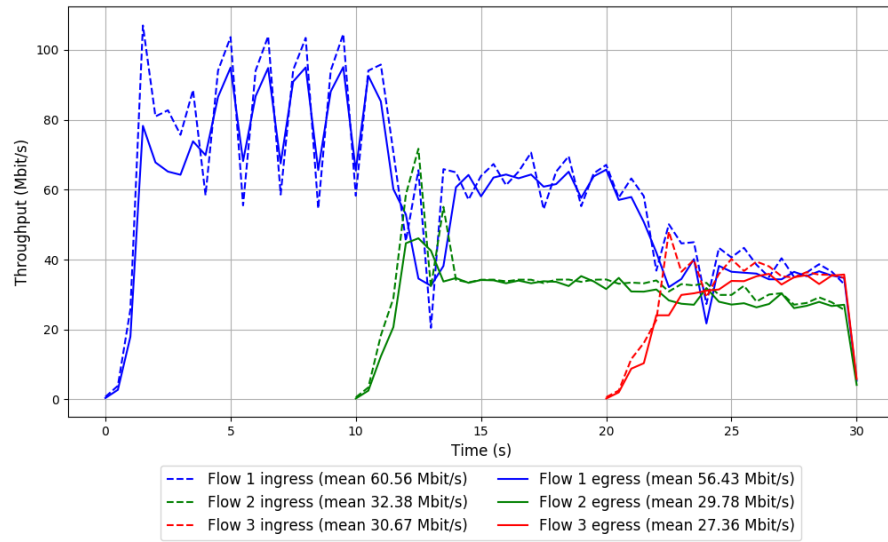


Run 5: Statistics of TCP BBR

Start at: 2018-03-21 05:43:19
End at: 2018-03-21 05:43:49
Local clock offset: 3.247 ms
Remote clock offset: -9.447 ms

Below is generated by plot.py at 2018-03-21 08:12:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.31 Mbit/s
95th percentile per-packet one-way delay: 128.967 ms
Loss rate: 7.54%
-- Flow 1:
Average throughput: 56.43 Mbit/s
95th percentile per-packet one-way delay: 129.012 ms
Loss rate: 6.79%
-- Flow 2:
Average throughput: 29.78 Mbit/s
95th percentile per-packet one-way delay: 128.929 ms
Loss rate: 8.11%
-- Flow 3:
Average throughput: 27.36 Mbit/s
95th percentile per-packet one-way delay: 128.841 ms
Loss rate: 10.77%

Run 5: Report of TCP BBR — Data Link

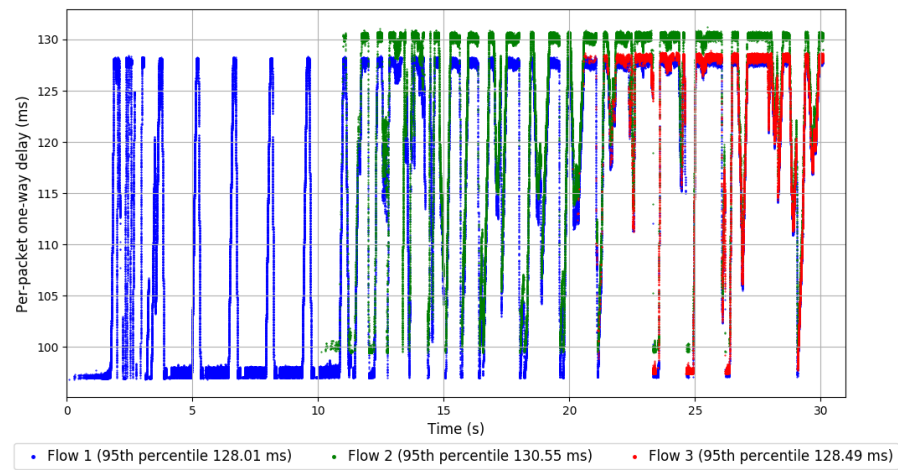
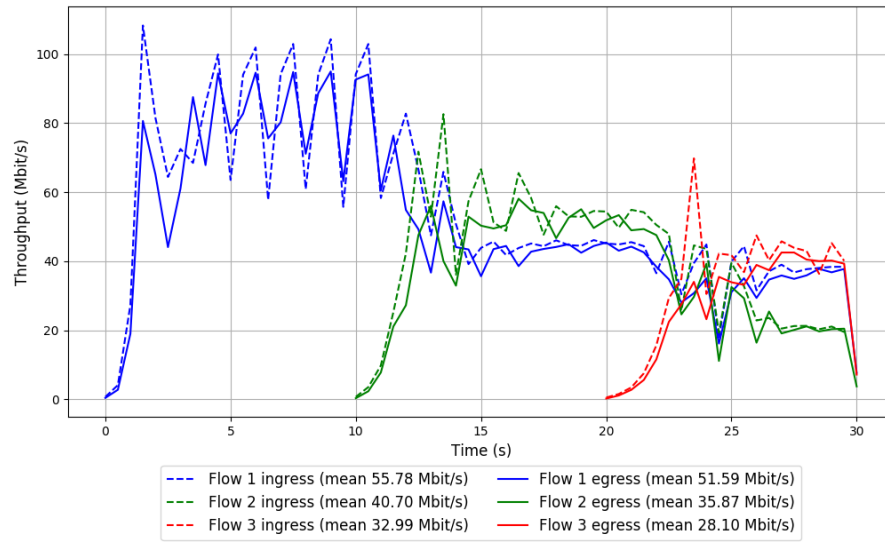


Run 6: Statistics of TCP BBR

Start at: 2018-03-21 06:07:24
End at: 2018-03-21 06:07:54
Local clock offset: 16.591 ms
Remote clock offset: -10.67 ms

Below is generated by plot.py at 2018-03-21 08:12:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.81 Mbit/s
95th percentile per-packet one-way delay: 130.360 ms
Loss rate: 9.52%
-- Flow 1:
Average throughput: 51.59 Mbit/s
95th percentile per-packet one-way delay: 128.015 ms
Loss rate: 7.42%
-- Flow 2:
Average throughput: 35.87 Mbit/s
95th percentile per-packet one-way delay: 130.553 ms
Loss rate: 11.75%
-- Flow 3:
Average throughput: 28.10 Mbit/s
95th percentile per-packet one-way delay: 128.485 ms
Loss rate: 14.71%

Run 6: Report of TCP BBR — Data Link

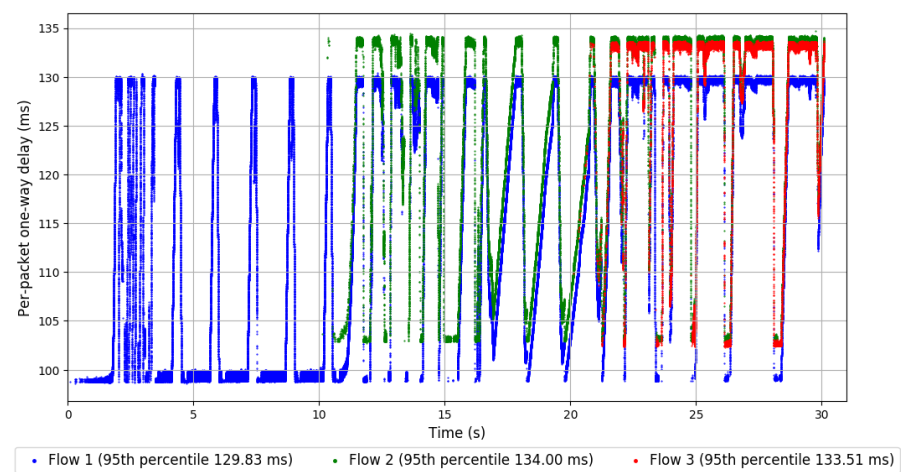
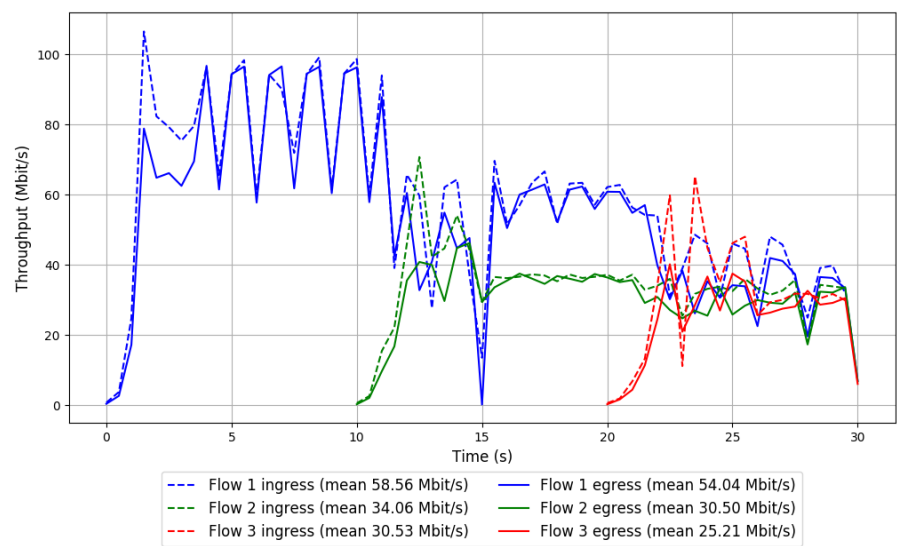


Run 7: Statistics of TCP BBR

Start at: 2018-03-21 06:31:36
End at: 2018-03-21 06:32:06
Local clock offset: 25.213 ms
Remote clock offset: -11.919 ms

Below is generated by plot.py at 2018-03-21 08:12:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.73 Mbit/s
95th percentile per-packet one-way delay: 133.752 ms
Loss rate: 9.36%
-- Flow 1:
Average throughput: 54.04 Mbit/s
95th percentile per-packet one-way delay: 129.830 ms
Loss rate: 7.62%
-- Flow 2:
Average throughput: 30.50 Mbit/s
95th percentile per-packet one-way delay: 134.000 ms
Loss rate: 10.31%
-- Flow 3:
Average throughput: 25.21 Mbit/s
95th percentile per-packet one-way delay: 133.507 ms
Loss rate: 17.26%

Run 7: Report of TCP BBR — Data Link

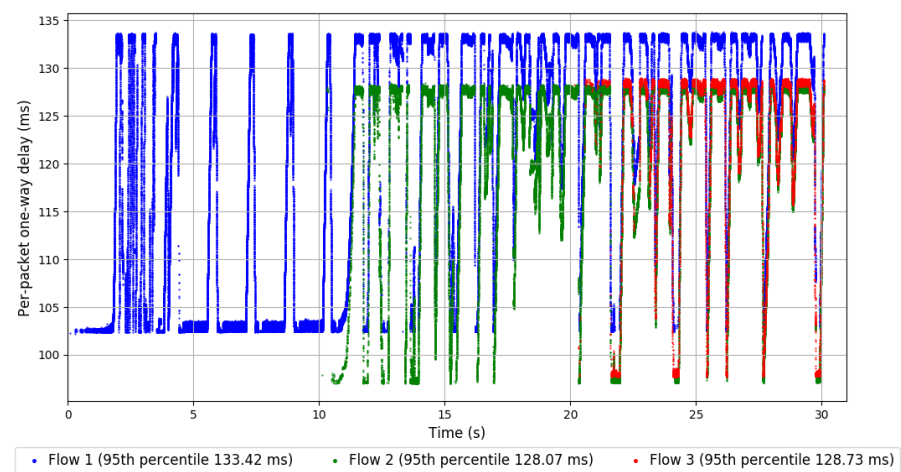
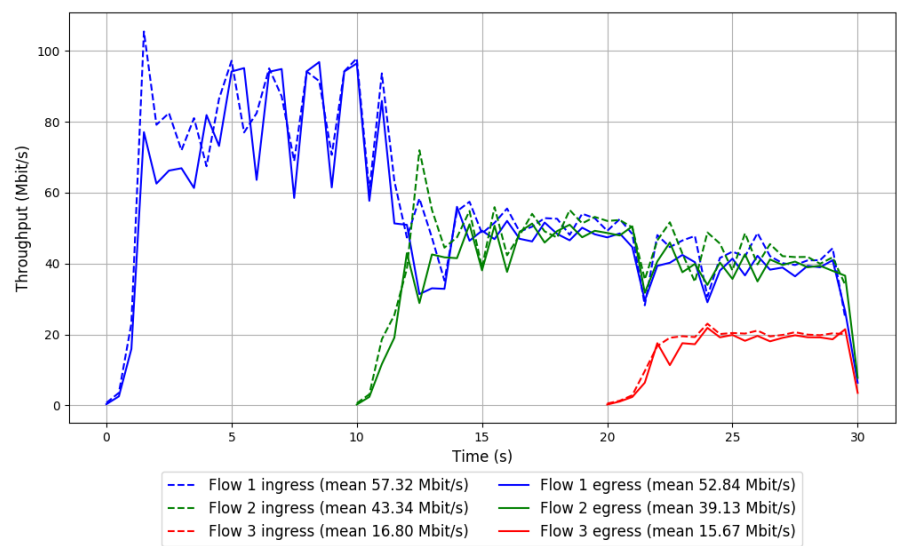


Run 8: Statistics of TCP BBR

Start at: 2018-03-21 06:55:45
End at: 2018-03-21 06:56:15
Local clock offset: 32.052 ms
Remote clock offset: -13.022 ms

Below is generated by plot.py at 2018-03-21 08:12:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.11 Mbit/s
95th percentile per-packet one-way delay: 133.351 ms
Loss rate: 8.26%
-- Flow 1:
Average throughput: 52.84 Mbit/s
95th percentile per-packet one-way delay: 133.421 ms
Loss rate: 7.74%
-- Flow 2:
Average throughput: 39.13 Mbit/s
95th percentile per-packet one-way delay: 128.072 ms
Loss rate: 9.57%
-- Flow 3:
Average throughput: 15.67 Mbit/s
95th percentile per-packet one-way delay: 128.731 ms
Loss rate: 6.77%

Run 8: Report of TCP BBR — Data Link

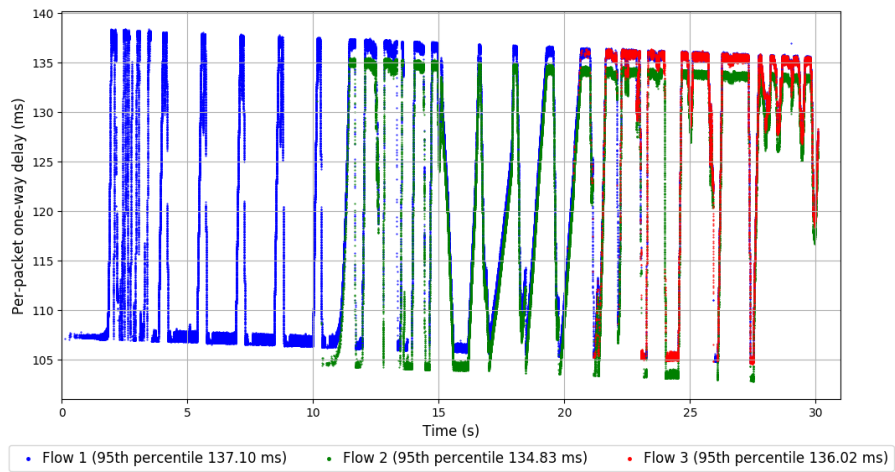
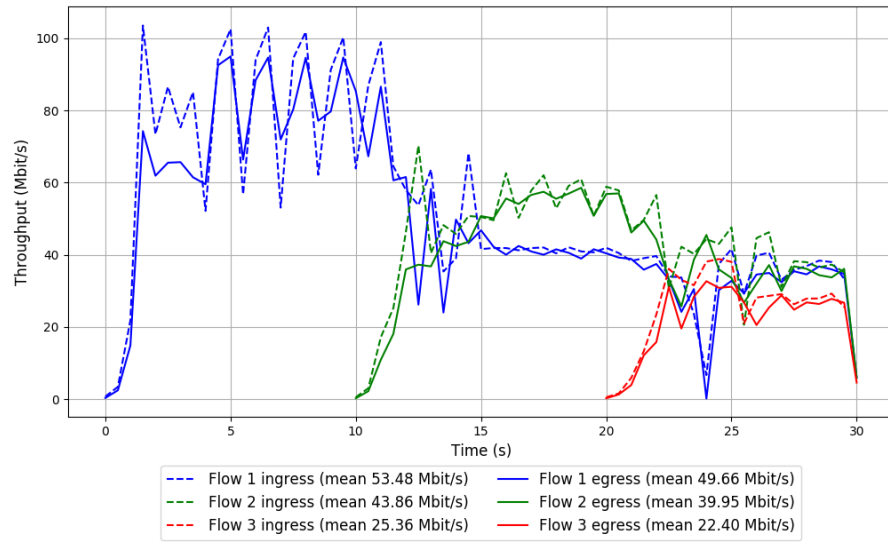


Run 9: Statistics of TCP BBR

Start at: 2018-03-21 07:19:52
End at: 2018-03-21 07:20:22
Local clock offset: 38.574 ms
Remote clock offset: -10.452 ms

Below is generated by plot.py at 2018-03-21 08:14:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.67 Mbit/s
95th percentile per-packet one-way delay: 136.757 ms
Loss rate: 8.10%
-- Flow 1:
Average throughput: 49.66 Mbit/s
95th percentile per-packet one-way delay: 137.099 ms
Loss rate: 7.08%
-- Flow 2:
Average throughput: 39.95 Mbit/s
95th percentile per-packet one-way delay: 134.834 ms
Loss rate: 8.96%
-- Flow 3:
Average throughput: 22.40 Mbit/s
95th percentile per-packet one-way delay: 136.019 ms
Loss rate: 11.60%

Run 9: Report of TCP BBR — Data Link

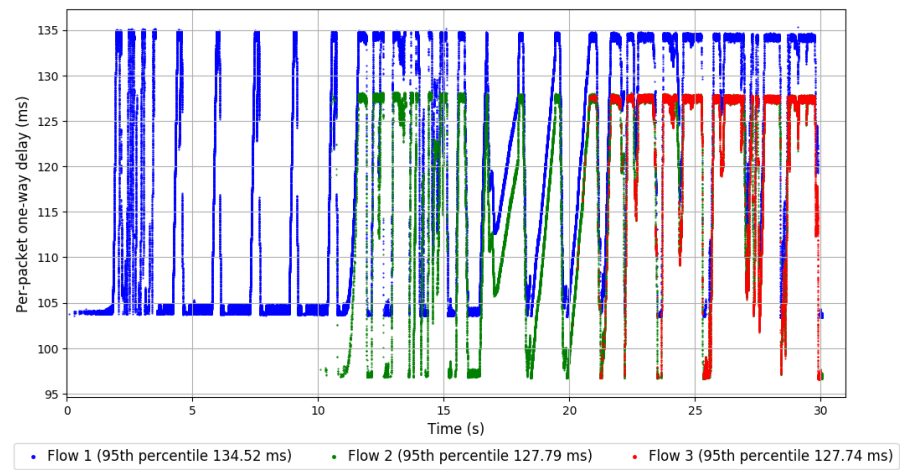
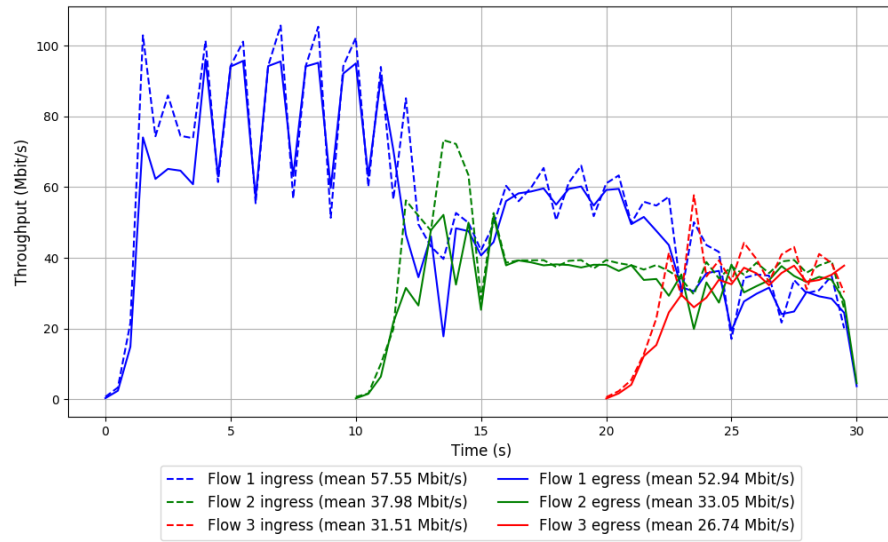


Run 10: Statistics of TCP BBR

Start at: 2018-03-21 07:44:02
End at: 2018-03-21 07:44:32
Local clock offset: -16.917 ms
Remote clock offset: -15.481 ms

Below is generated by plot.py at 2018-03-21 08:14:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.76 Mbit/s
95th percentile per-packet one-way delay: 134.428 ms
Loss rate: 10.17%
-- Flow 1:
Average throughput: 52.94 Mbit/s
95th percentile per-packet one-way delay: 134.520 ms
Loss rate: 8.04%
-- Flow 2:
Average throughput: 33.05 Mbit/s
95th percentile per-packet one-way delay: 127.790 ms
Loss rate: 12.98%
-- Flow 3:
Average throughput: 26.74 Mbit/s
95th percentile per-packet one-way delay: 127.743 ms
Loss rate: 15.18%

Run 10: Report of TCP BBR — Data Link

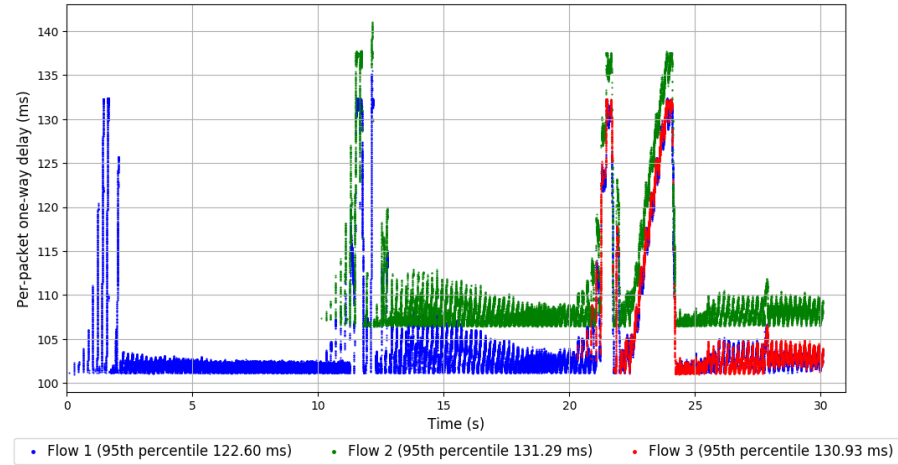
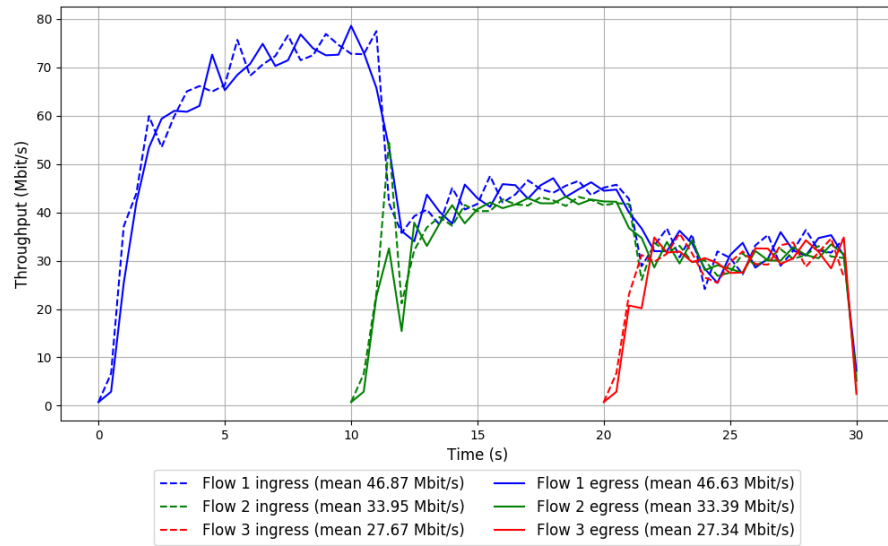


Run 1: Statistics of TCP Cubic

Start at: 2018-03-21 03:51:29
End at: 2018-03-21 03:51:59
Local clock offset: -5.378 ms
Remote clock offset: -0.019 ms

Below is generated by plot.py at 2018-03-21 08:14:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.93 Mbit/s
95th percentile per-packet one-way delay: 127.773 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 46.63 Mbit/s
95th percentile per-packet one-way delay: 122.599 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 33.39 Mbit/s
95th percentile per-packet one-way delay: 131.295 ms
Loss rate: 1.66%
-- Flow 3:
Average throughput: 27.34 Mbit/s
95th percentile per-packet one-way delay: 130.931 ms
Loss rate: 1.17%

Run 1: Report of TCP Cubic — Data Link

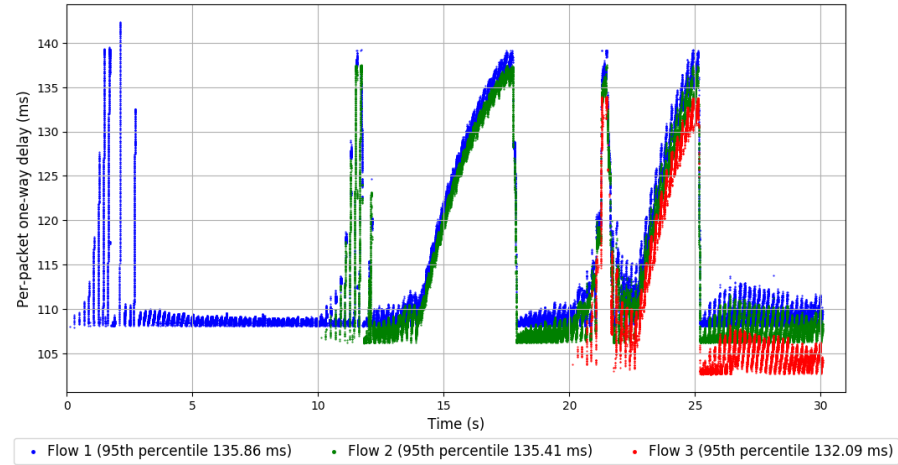
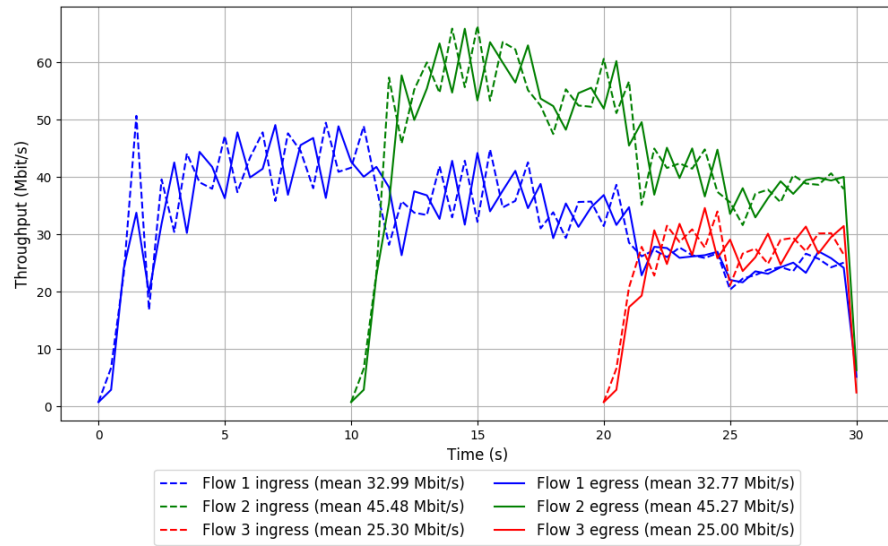


Run 2: Statistics of TCP Cubic

Start at: 2018-03-21 04:15:54
End at: 2018-03-21 04:16:24
Local clock offset: -6.979 ms
Remote clock offset: -1.301 ms

Below is generated by plot.py at 2018-03-21 08:14:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 71.22 Mbit/s
95th percentile per-packet one-way delay: 135.223 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 32.77 Mbit/s
95th percentile per-packet one-way delay: 135.856 ms
Loss rate: 0.69%
-- Flow 2:
Average throughput: 45.27 Mbit/s
95th percentile per-packet one-way delay: 135.406 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 25.00 Mbit/s
95th percentile per-packet one-way delay: 132.090 ms
Loss rate: 1.19%

Run 2: Report of TCP Cubic — Data Link

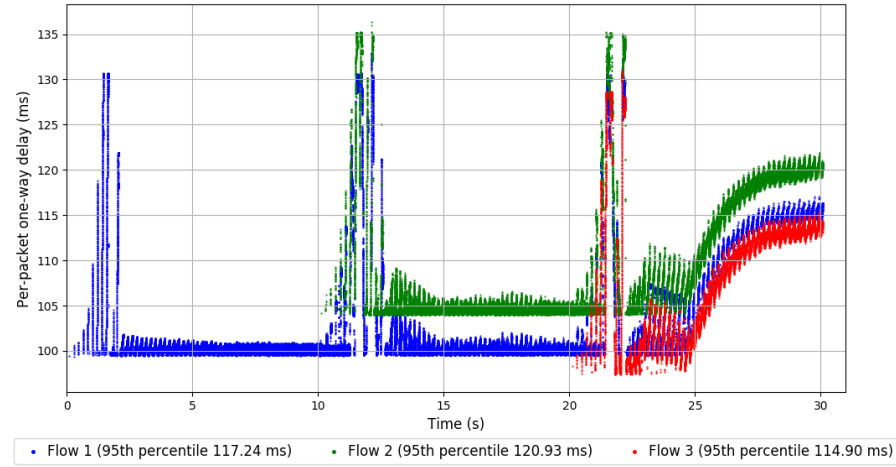
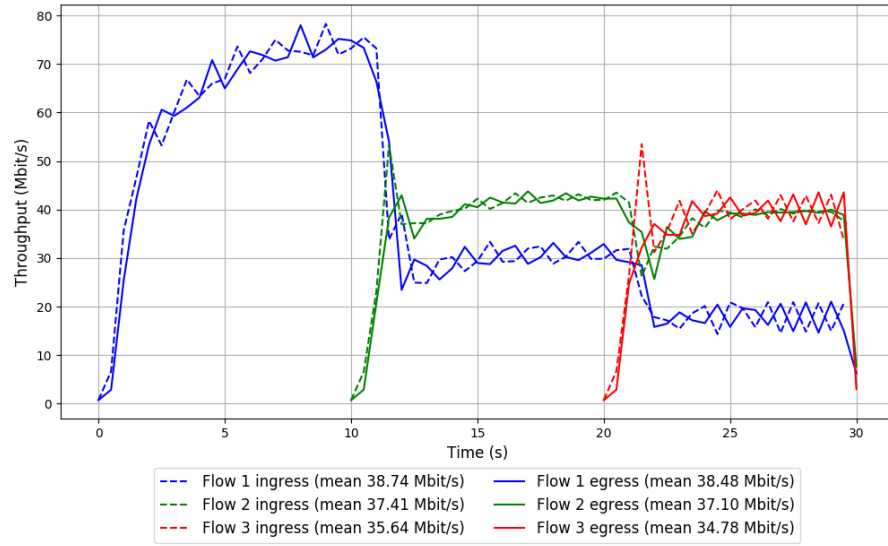


Run 3: Statistics of TCP Cubic

Start at: 2018-03-21 04:40:07
End at: 2018-03-21 04:40:37
Local clock offset: -6.261 ms
Remote clock offset: -6.393 ms

Below is generated by plot.py at 2018-03-21 08:14:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.75 Mbit/s
95th percentile per-packet one-way delay: 120.315 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 38.48 Mbit/s
95th percentile per-packet one-way delay: 117.242 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 37.10 Mbit/s
95th percentile per-packet one-way delay: 120.930 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 34.78 Mbit/s
95th percentile per-packet one-way delay: 114.900 ms
Loss rate: 2.29%

Run 3: Report of TCP Cubic — Data Link

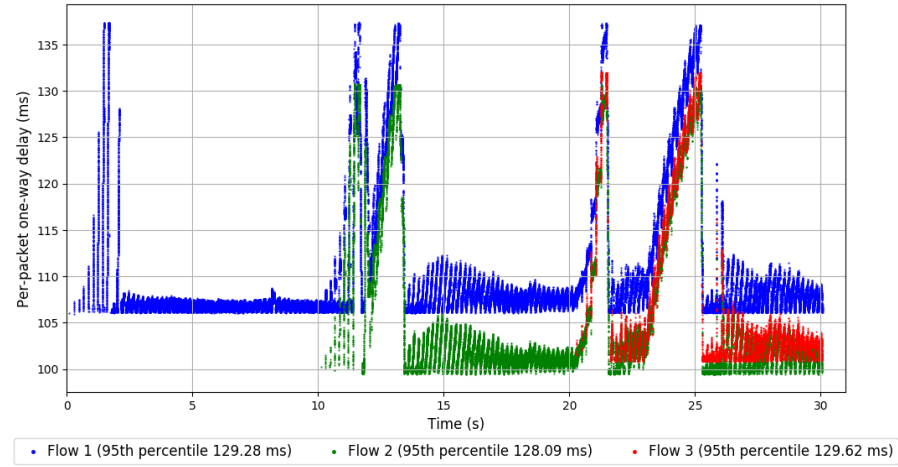
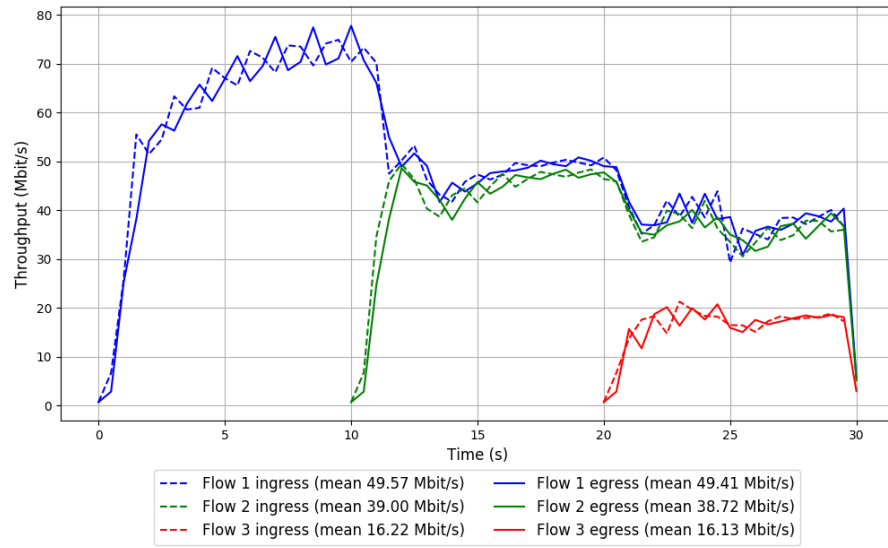


Run 4: Statistics of TCP Cubic

Start at: 2018-03-21 05:04:10
End at: 2018-03-21 05:04:40
Local clock offset: -5.87 ms
Remote clock offset: -3.629 ms

Below is generated by plot.py at 2018-03-21 08:14:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.56 Mbit/s
95th percentile per-packet one-way delay: 128.758 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 49.41 Mbit/s
95th percentile per-packet one-way delay: 129.276 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 38.72 Mbit/s
95th percentile per-packet one-way delay: 128.086 ms
Loss rate: 0.72%
-- Flow 3:
Average throughput: 16.13 Mbit/s
95th percentile per-packet one-way delay: 129.616 ms
Loss rate: 0.55%

Run 4: Report of TCP Cubic — Data Link

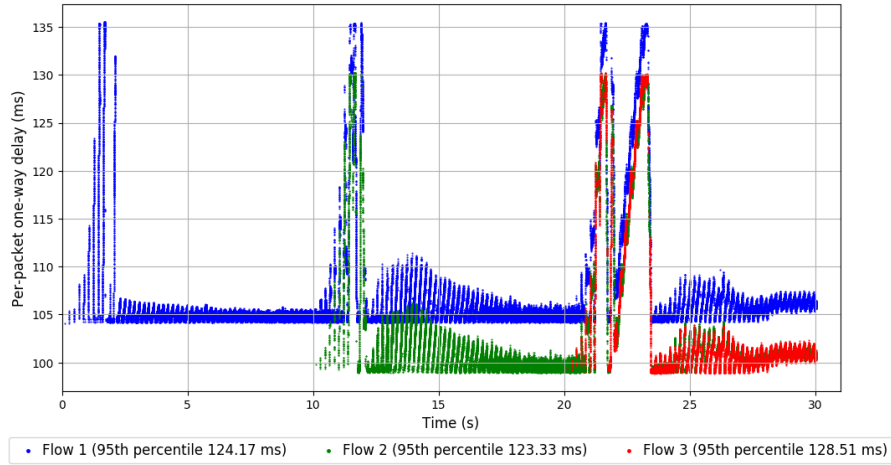
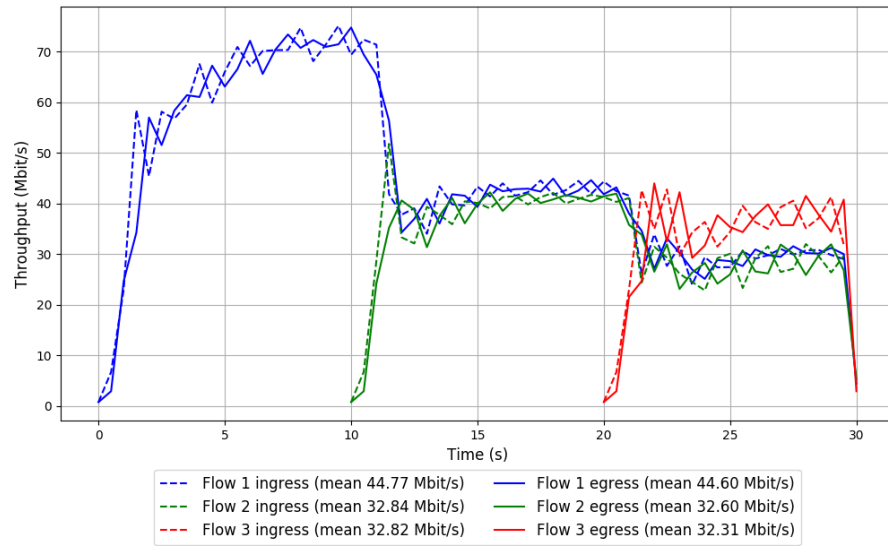


Run 5: Statistics of TCP Cubic

Start at: 2018-03-21 05:28:23
End at: 2018-03-21 05:28:53
Local clock offset: -6.743 ms
Remote clock offset: -8.658 ms

Below is generated by plot.py at 2018-03-21 08:14:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.02 Mbit/s
95th percentile per-packet one-way delay: 124.631 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 44.60 Mbit/s
95th percentile per-packet one-way delay: 124.174 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 32.60 Mbit/s
95th percentile per-packet one-way delay: 123.325 ms
Loss rate: 0.73%
-- Flow 3:
Average throughput: 32.31 Mbit/s
95th percentile per-packet one-way delay: 128.506 ms
Loss rate: 1.53%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: 2018-03-21 05:52:34

End at: 2018-03-21 05:53:04

Local clock offset: 10.802 ms

Remote clock offset: -9.83 ms

Below is generated by plot.py at 2018-03-21 08:14:02

Datalink statistics

-- Total of 3 flows:

Average throughput: 81.59 Mbit/s

95th percentile per-packet one-way delay: 126.469 ms

Loss rate: 0.50%

-- Flow 1:

Average throughput: 49.98 Mbit/s

95th percentile per-packet one-way delay: 125.478 ms

Loss rate: 0.29%

-- Flow 2:

Average throughput: 39.51 Mbit/s

95th percentile per-packet one-way delay: 127.502 ms

Loss rate: 0.83%

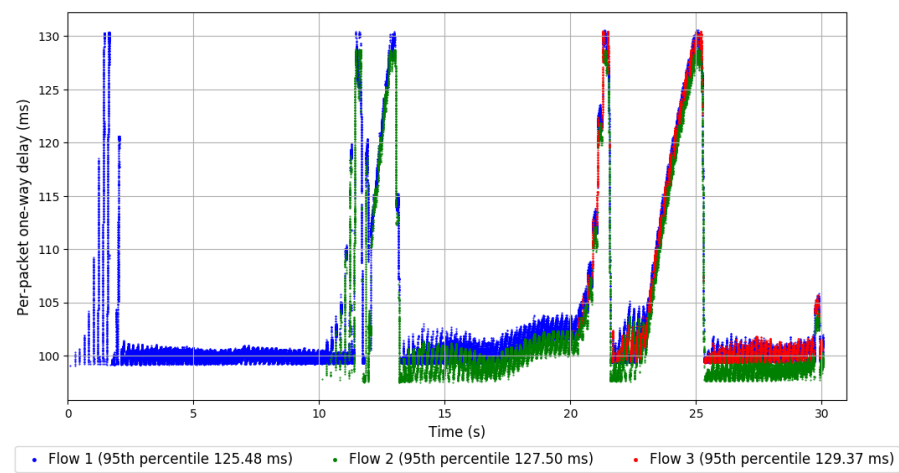
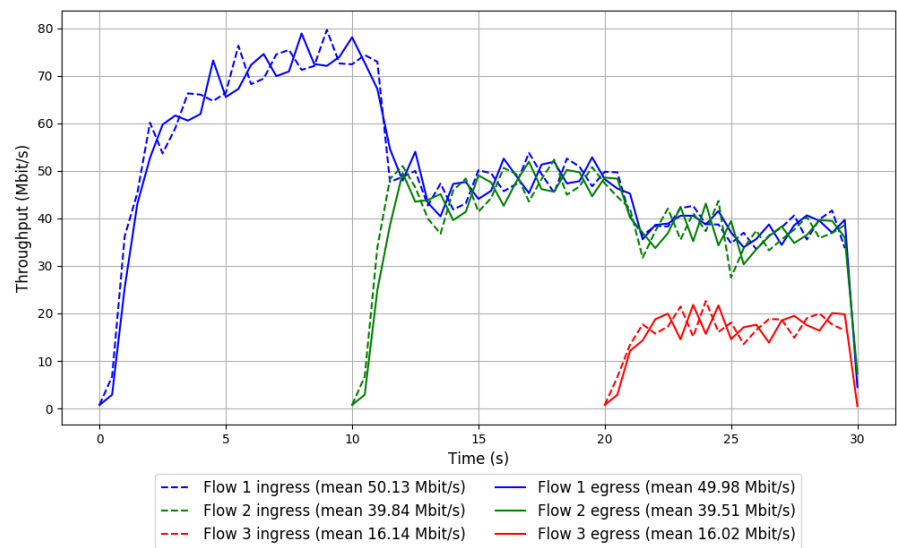
-- Flow 3:

Average throughput: 16.02 Mbit/s

95th percentile per-packet one-way delay: 129.369 ms

Loss rate: 0.76%

Run 6: Report of TCP Cubic — Data Link

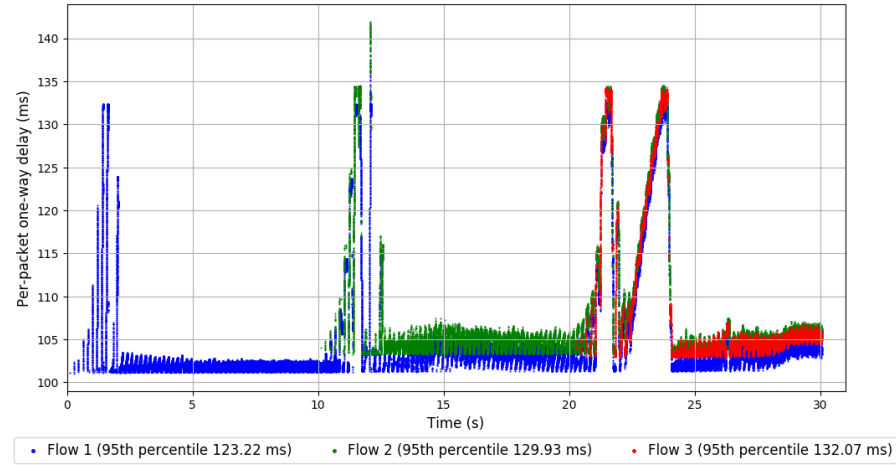
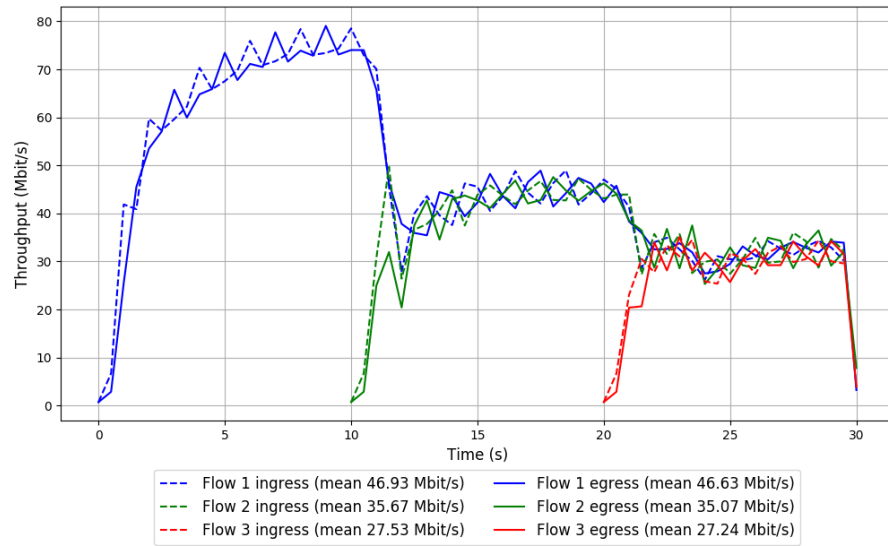


Run 7: Statistics of TCP Cubic

Start at: 2018-03-21 06:16:42
End at: 2018-03-21 06:17:12
Local clock offset: 20.248 ms
Remote clock offset: -7.216 ms

Below is generated by plot.py at 2018-03-21 08:15:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.03 Mbit/s
95th percentile per-packet one-way delay: 127.683 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 46.63 Mbit/s
95th percentile per-packet one-way delay: 123.220 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 35.07 Mbit/s
95th percentile per-packet one-way delay: 129.927 ms
Loss rate: 1.67%
-- Flow 3:
Average throughput: 27.24 Mbit/s
95th percentile per-packet one-way delay: 132.068 ms
Loss rate: 1.08%

Run 7: Report of TCP Cubic — Data Link

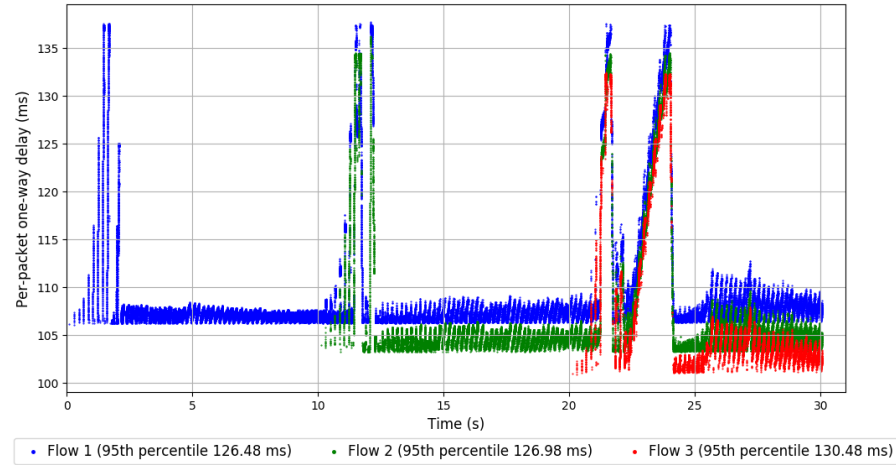
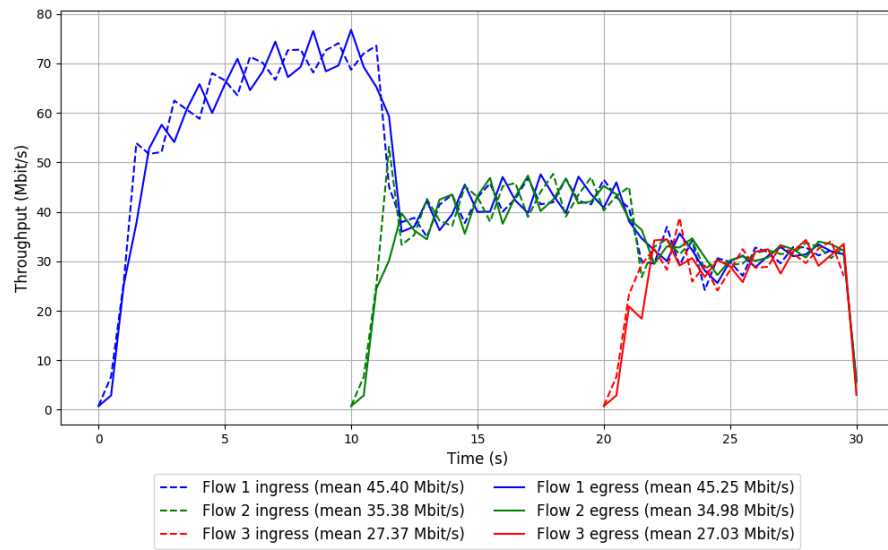


Run 8: Statistics of TCP Cubic

Start at: 2018-03-21 06:40:51
End at: 2018-03-21 06:41:21
Local clock offset: 27.993 ms
Remote clock offset: -8.331 ms

Below is generated by plot.py at 2018-03-21 08:15:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.53 Mbit/s
95th percentile per-packet one-way delay: 127.048 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 45.25 Mbit/s
95th percentile per-packet one-way delay: 126.483 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 34.98 Mbit/s
95th percentile per-packet one-way delay: 126.977 ms
Loss rate: 1.13%
-- Flow 3:
Average throughput: 27.03 Mbit/s
95th percentile per-packet one-way delay: 130.483 ms
Loss rate: 1.25%

Run 8: Report of TCP Cubic — Data Link

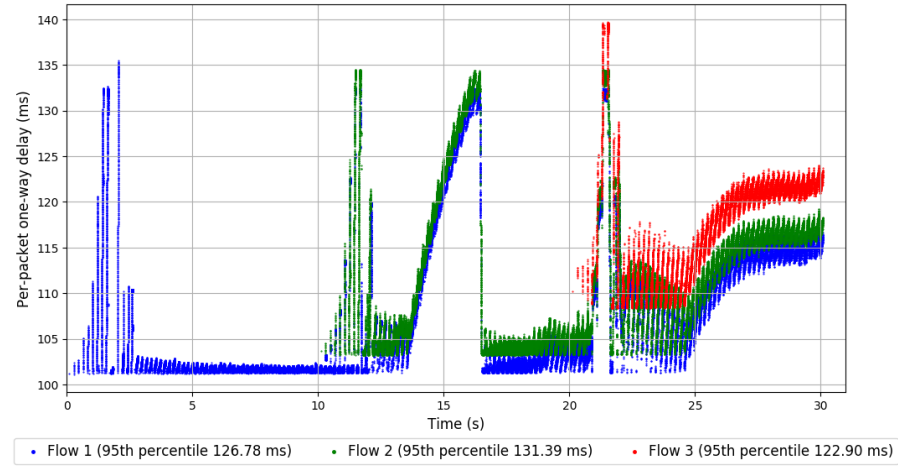
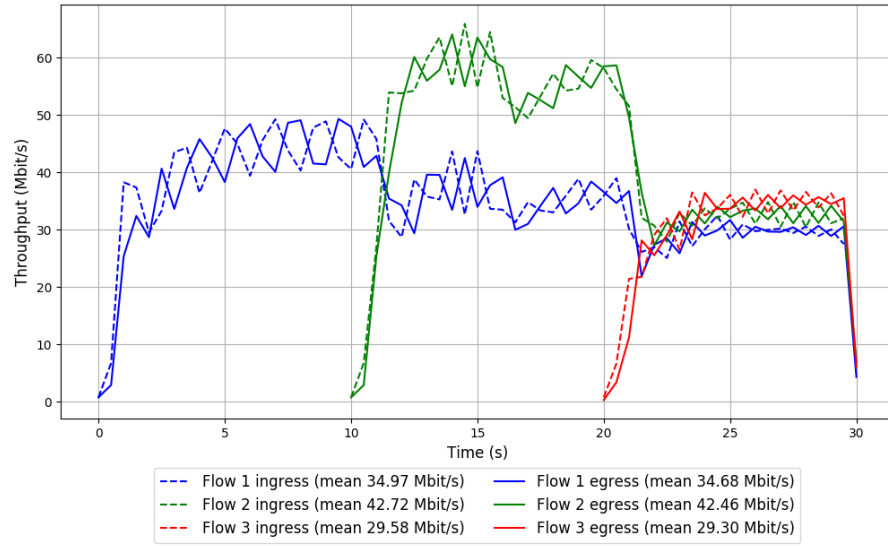


Run 9: Statistics of TCP Cubic

Start at: 2018-03-21 07:05:02
End at: 2018-03-21 07:05:32
Local clock offset: 34.523 ms
Remote clock offset: -9.584 ms

Below is generated by plot.py at 2018-03-21 08:15:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.70 Mbit/s
95th percentile per-packet one-way delay: 128.896 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 34.68 Mbit/s
95th percentile per-packet one-way delay: 126.776 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 42.46 Mbit/s
95th percentile per-packet one-way delay: 131.390 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 29.30 Mbit/s
95th percentile per-packet one-way delay: 122.898 ms
Loss rate: 0.85%

Run 9: Report of TCP Cubic — Data Link

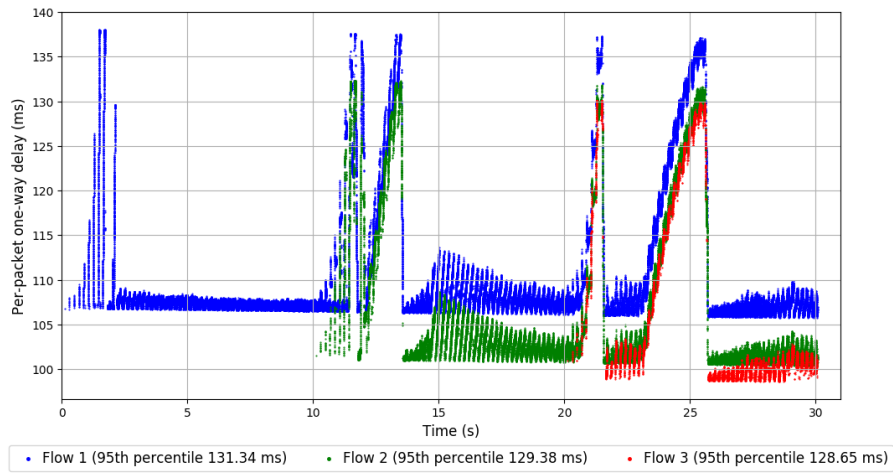
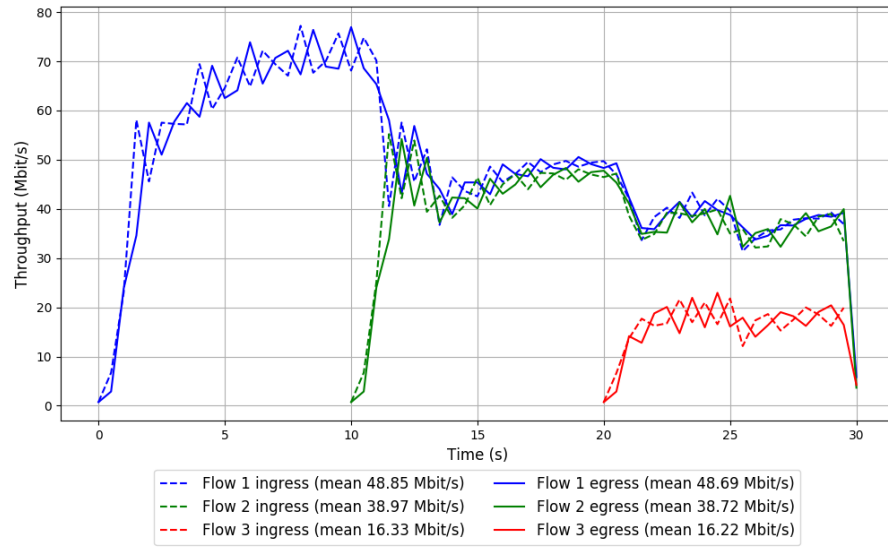


Run 10: Statistics of TCP Cubic

Start at: 2018-03-21 07:29:09
End at: 2018-03-21 07:29:39
Local clock offset: 4.397 ms
Remote clock offset: -10.914 ms

Below is generated by plot.py at 2018-03-21 08:15:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.87 Mbit/s
95th percentile per-packet one-way delay: 129.746 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 48.69 Mbit/s
95th percentile per-packet one-way delay: 131.343 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 38.72 Mbit/s
95th percentile per-packet one-way delay: 129.378 ms
Loss rate: 0.65%
-- Flow 3:
Average throughput: 16.22 Mbit/s
95th percentile per-packet one-way delay: 128.648 ms
Loss rate: 0.69%

Run 10: Report of TCP Cubic — Data Link

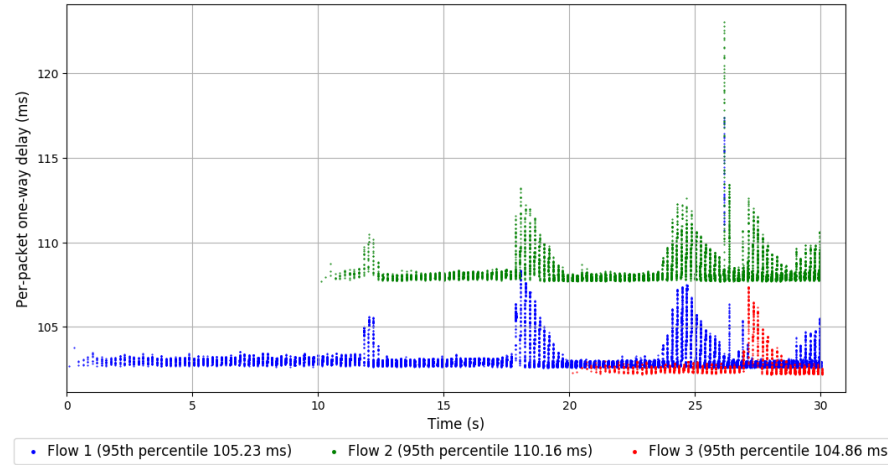
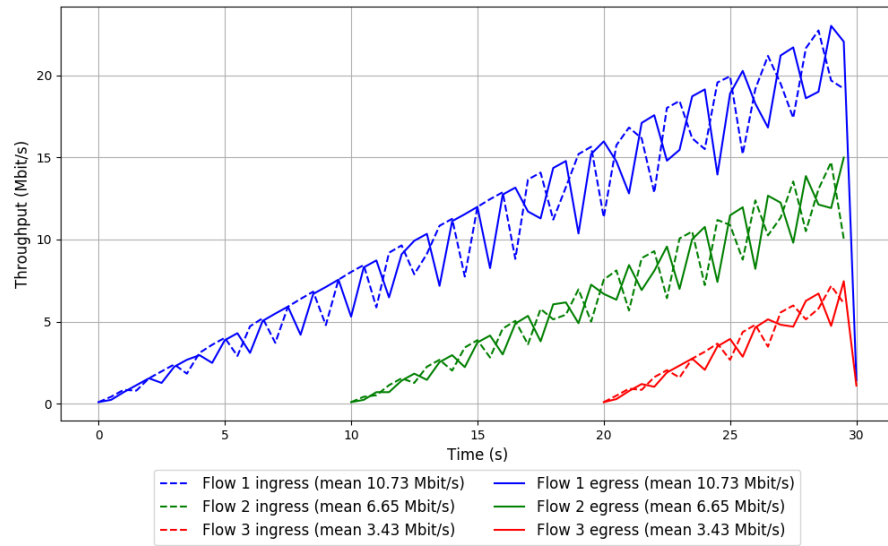


```
Run 1: Statistics of LEDBAT

Start at: 2018-03-21 03:55:27
End at: 2018-03-21 03:55:57
Local clock offset: -5.465 ms
Remote clock offset: -0.27 ms

# Below is generated by plot.py at 2018-03-21 08:15:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 16.25 Mbit/s
95th percentile per-packet one-way delay: 108.822 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.73 Mbit/s
95th percentile per-packet one-way delay: 105.229 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.65 Mbit/s
95th percentile per-packet one-way delay: 110.158 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.43 Mbit/s
95th percentile per-packet one-way delay: 104.864 ms
Loss rate: 0.00%
```


Run 1: Report of LEDBAT — Data Link

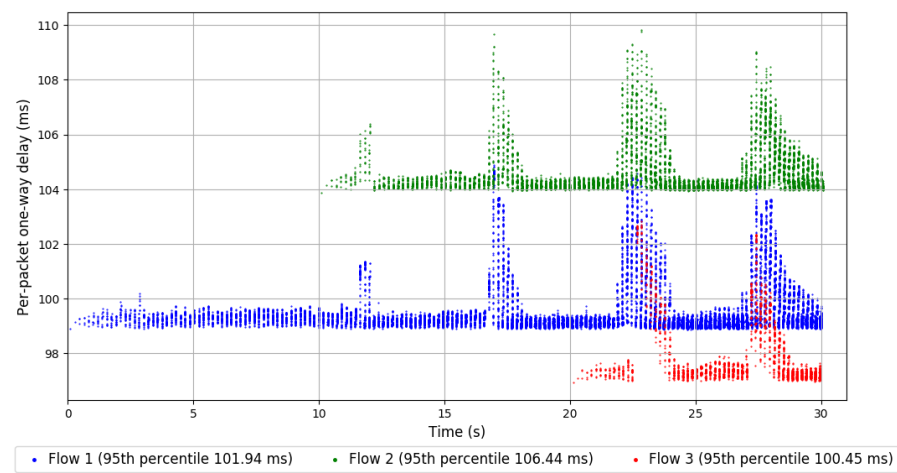
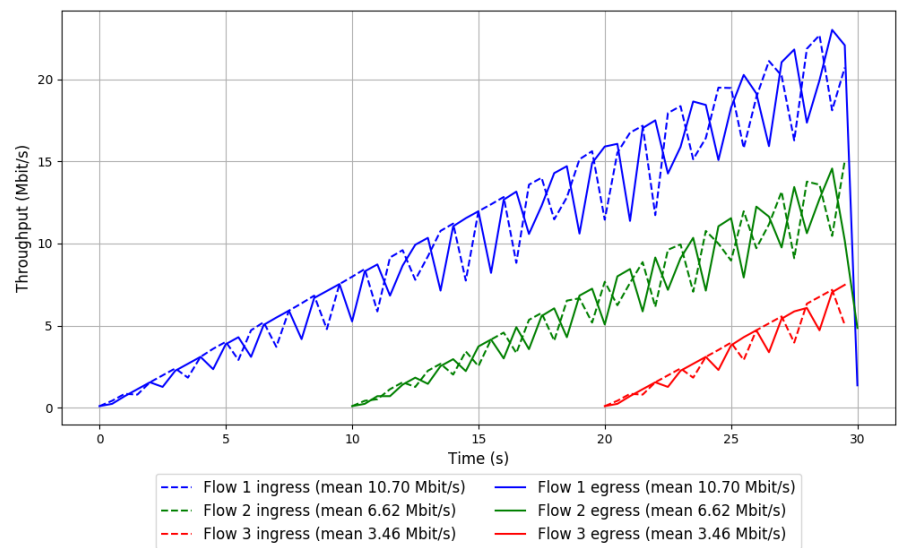


Run 2: Statistics of LEDBAT

Start at: 2018-03-21 04:19:50
End at: 2018-03-21 04:20:20
Local clock offset: -7.052 ms
Remote clock offset: -5.347 ms

Below is generated by plot.py at 2018-03-21 08:15:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 16.23 Mbit/s
95th percentile per-packet one-way delay: 104.983 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.70 Mbit/s
95th percentile per-packet one-way delay: 101.938 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.62 Mbit/s
95th percentile per-packet one-way delay: 106.440 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.46 Mbit/s
95th percentile per-packet one-way delay: 100.447 ms
Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link

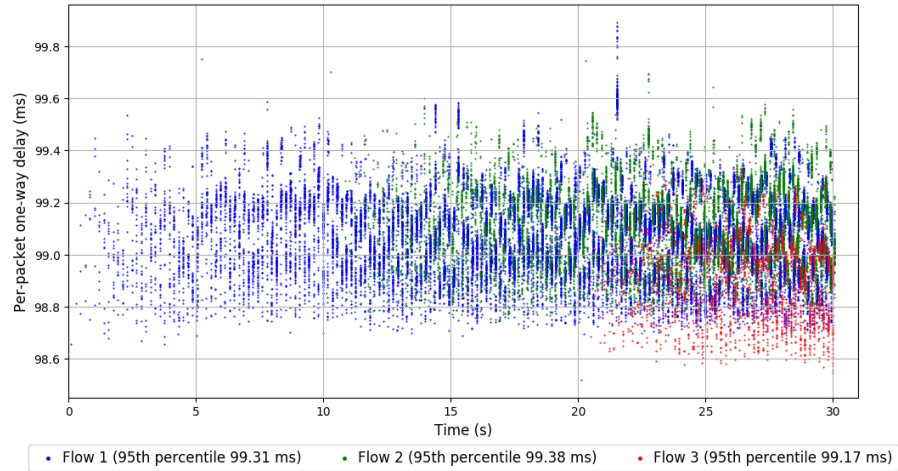
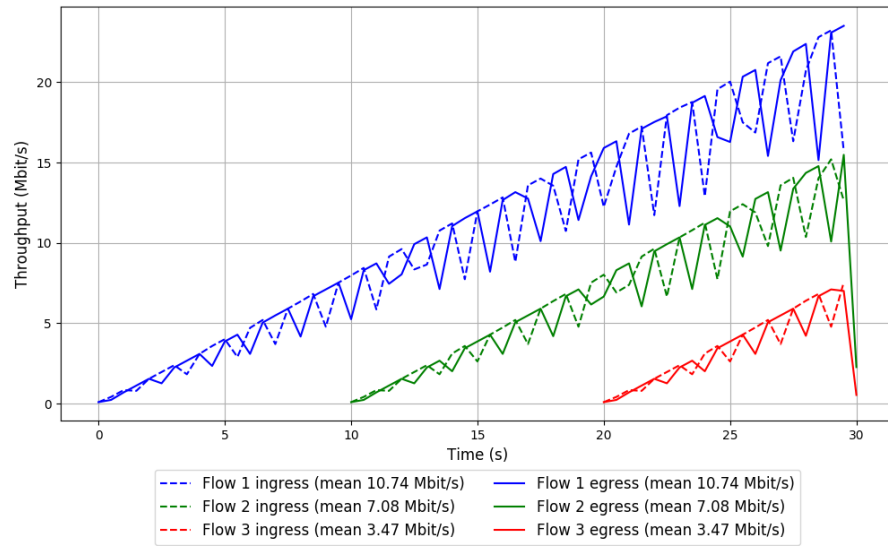


Run 3: Statistics of LEDBAT

Start at: 2018-03-21 04:44:03
End at: 2018-03-21 04:44:33
Local clock offset: -6.125 ms
Remote clock offset: -6.557 ms

Below is generated by plot.py at 2018-03-21 08:15:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 16.56 Mbit/s
95th percentile per-packet one-way delay: 99.330 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.74 Mbit/s
95th percentile per-packet one-way delay: 99.312 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 7.08 Mbit/s
95th percentile per-packet one-way delay: 99.383 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.47 Mbit/s
95th percentile per-packet one-way delay: 99.175 ms
Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link

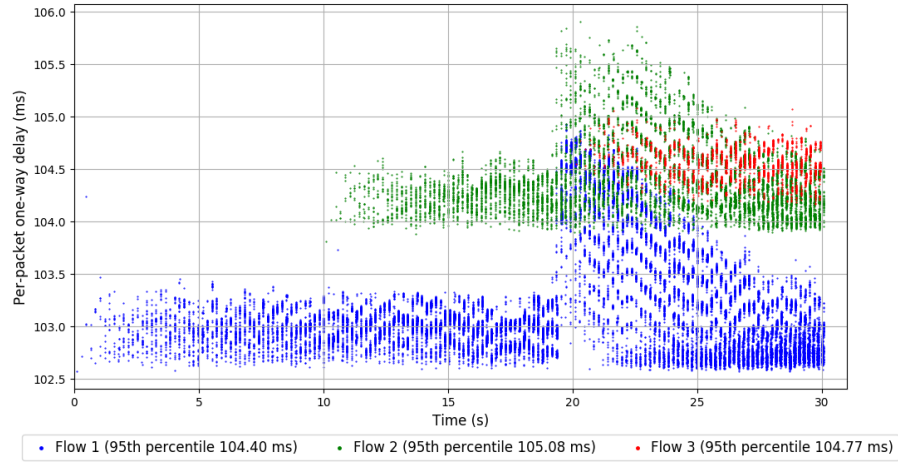
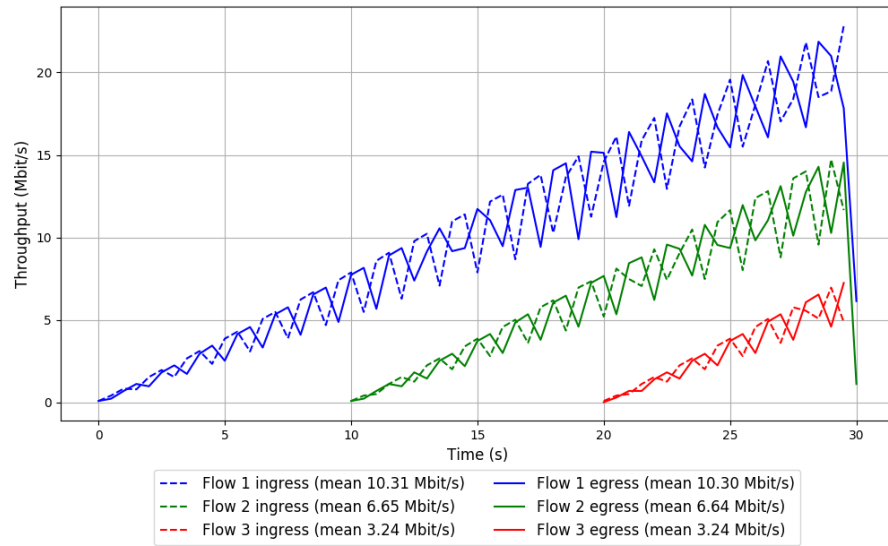


Run 4: Statistics of LEDBAT

Start at: 2018-03-21 05:08:08
End at: 2018-03-21 05:08:38
Local clock offset: -6.149 ms
Remote clock offset: -7.632 ms

Below is generated by plot.py at 2018-03-21 08:15:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 15.79 Mbit/s
95th percentile per-packet one-way delay: 104.731 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 10.30 Mbit/s
95th percentile per-packet one-way delay: 104.399 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 6.64 Mbit/s
95th percentile per-packet one-way delay: 105.079 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 3.24 Mbit/s
95th percentile per-packet one-way delay: 104.774 ms
Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link

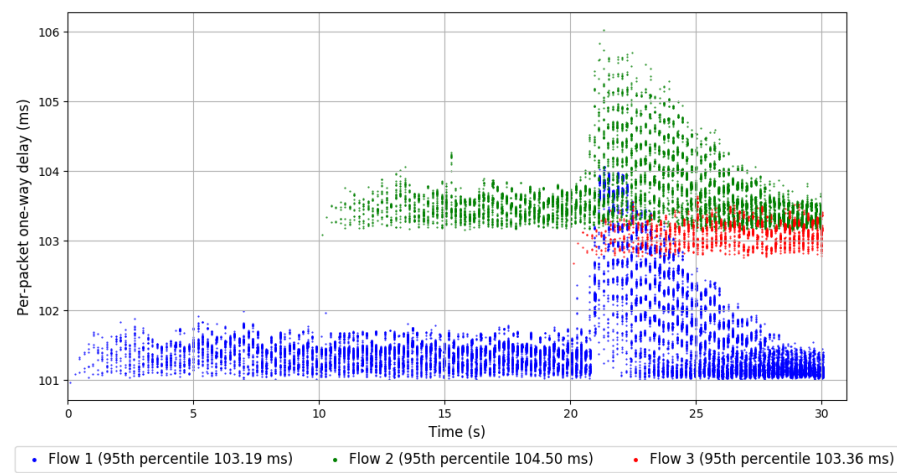
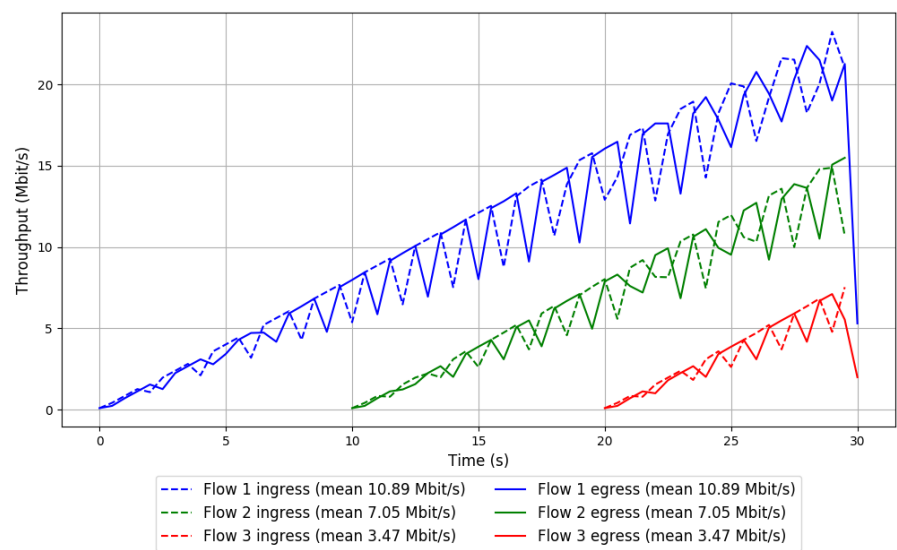


Run 5: Statistics of LEDBAT

Start at: 2018-03-21 05:32:20
End at: 2018-03-21 05:32:50
Local clock offset: -6.754 ms
Remote clock offset: -4.997 ms

Below is generated by plot.py at 2018-03-21 08:15:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 16.70 Mbit/s
95th percentile per-packet one-way delay: 103.910 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.89 Mbit/s
95th percentile per-packet one-way delay: 103.186 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 7.05 Mbit/s
95th percentile per-packet one-way delay: 104.497 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.47 Mbit/s
95th percentile per-packet one-way delay: 103.356 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

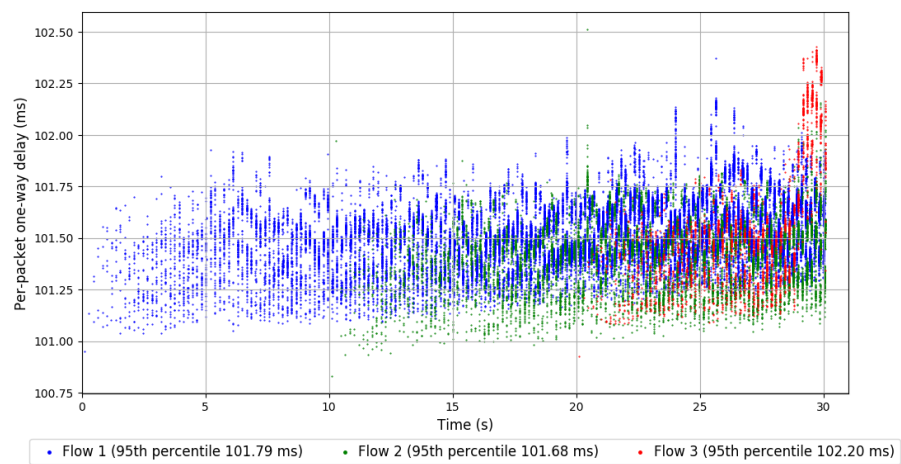
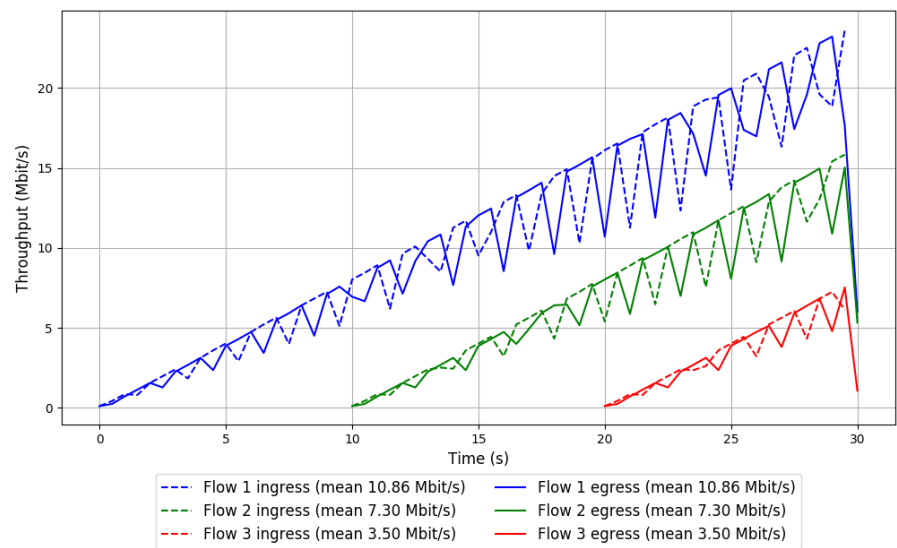


Run 6: Statistics of LEDBAT

Start at: 2018-03-21 05:56:31
End at: 2018-03-21 05:57:01
Local clock offset: 12.761 ms
Remote clock offset: -6.205 ms

Below is generated by plot.py at 2018-03-21 08:15:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 16.87 Mbit/s
95th percentile per-packet one-way delay: 101.786 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.86 Mbit/s
95th percentile per-packet one-way delay: 101.793 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 7.30 Mbit/s
95th percentile per-packet one-way delay: 101.677 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.50 Mbit/s
95th percentile per-packet one-way delay: 102.200 ms
Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link

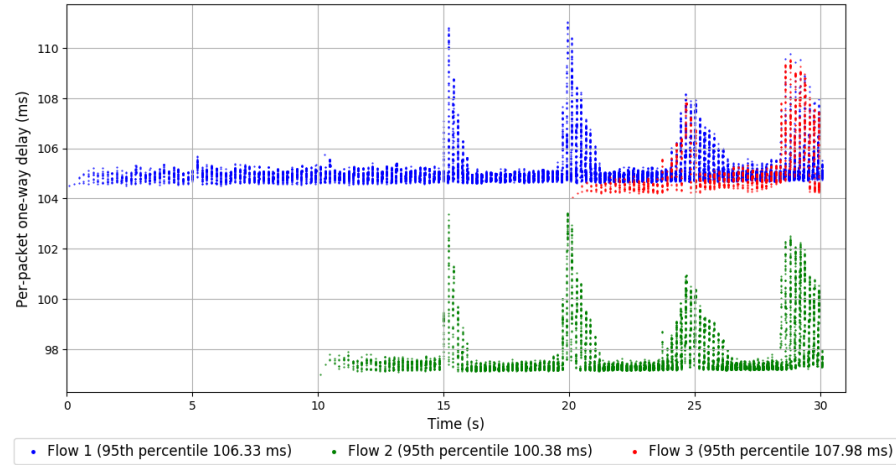
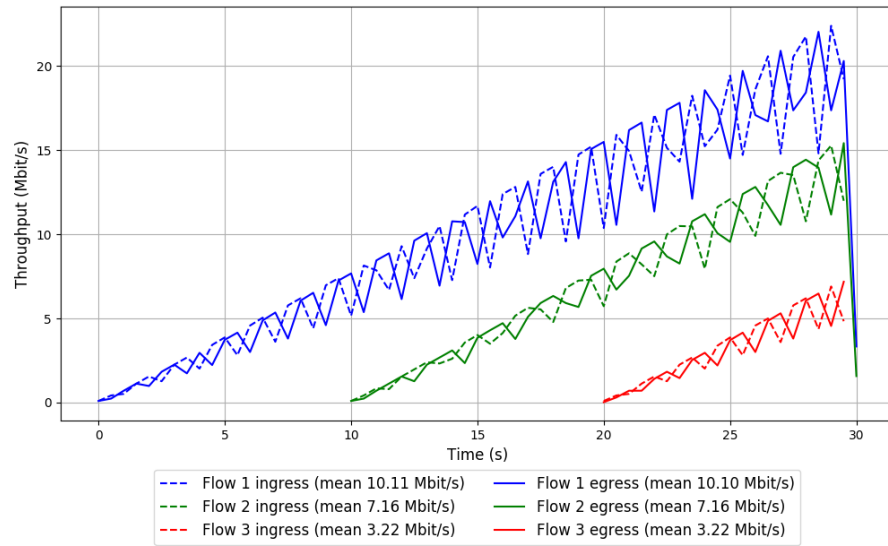


Run 7: Statistics of LEDBAT

Start at: 2018-03-21 06:20:40
End at: 2018-03-21 06:21:10
Local clock offset: 21.742 ms
Remote clock offset: -11.3 ms

Below is generated by plot.py at 2018-03-21 08:15:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 15.92 Mbit/s
95th percentile per-packet one-way delay: 106.237 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 10.10 Mbit/s
95th percentile per-packet one-way delay: 106.327 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 7.16 Mbit/s
95th percentile per-packet one-way delay: 100.375 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.22 Mbit/s
95th percentile per-packet one-way delay: 107.983 ms
Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link

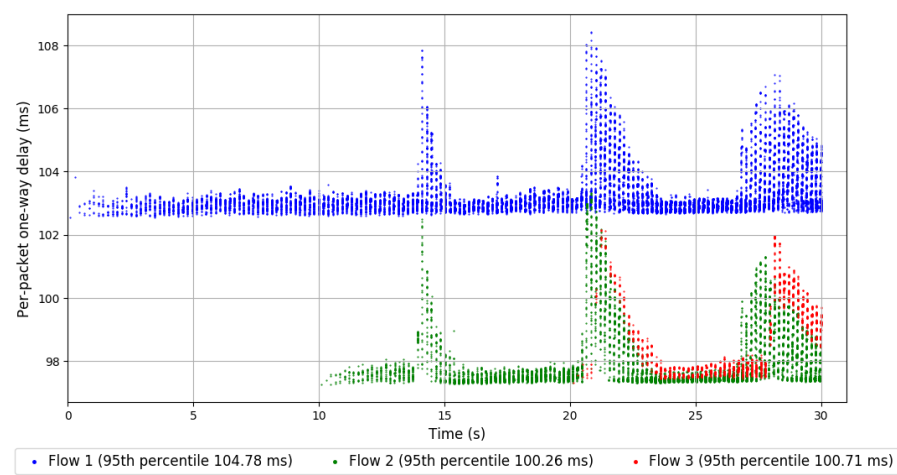
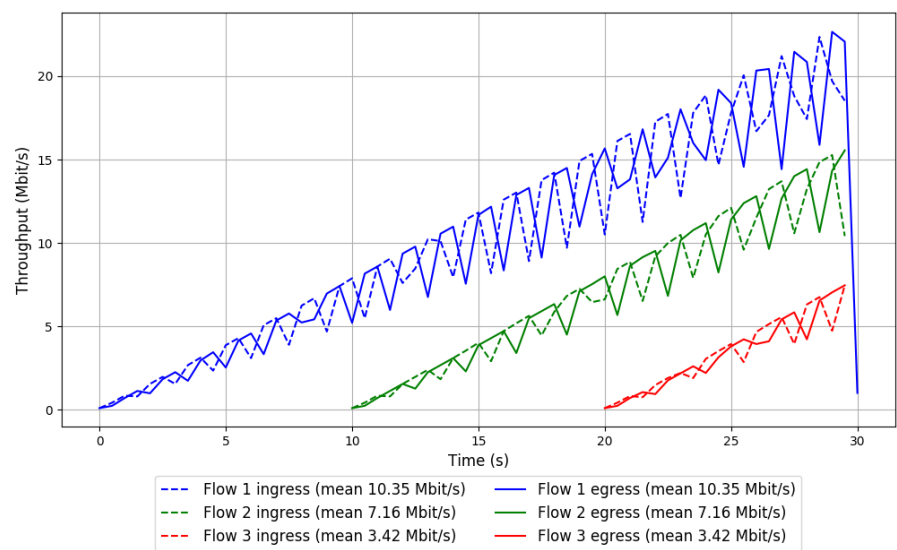


Run 8: Statistics of LEDBAT

Start at: 2018-03-21 06:44:48
End at: 2018-03-21 06:45:18
Local clock offset: 28.969 ms
Remote clock offset: -12.556 ms

Below is generated by plot.py at 2018-03-21 08:15:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 16.23 Mbit/s
95th percentile per-packet one-way delay: 104.365 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.35 Mbit/s
95th percentile per-packet one-way delay: 104.785 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 7.16 Mbit/s
95th percentile per-packet one-way delay: 100.264 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.42 Mbit/s
95th percentile per-packet one-way delay: 100.707 ms
Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link

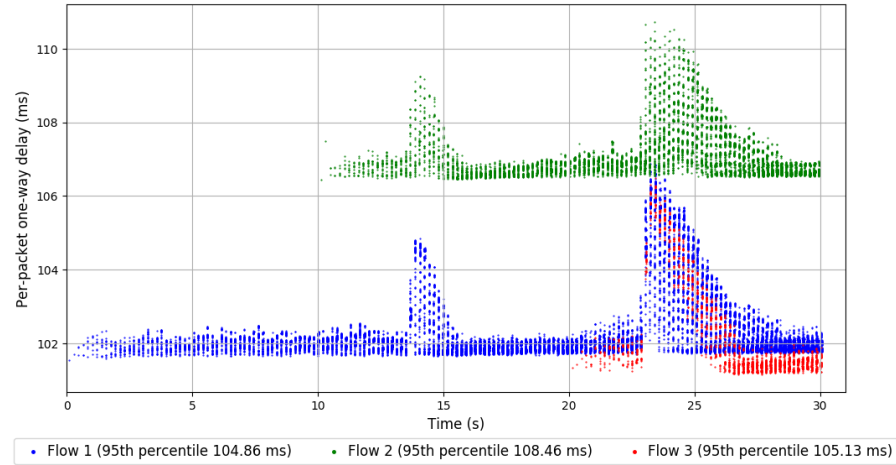
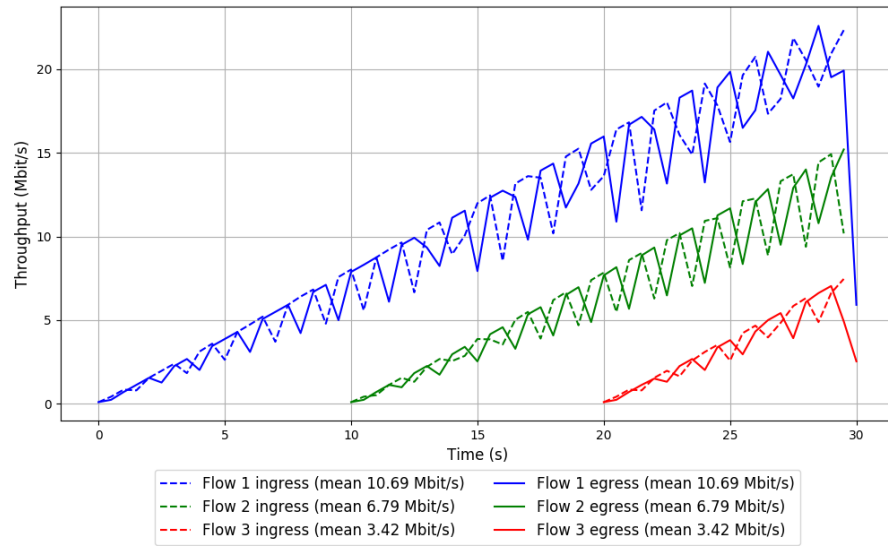


Run 9: Statistics of LEDBAT

Start at: 2018-03-21 07:08:59
End at: 2018-03-21 07:09:29
Local clock offset: 35.706 ms
Remote clock offset: -9.817 ms

Below is generated by plot.py at 2018-03-21 08:15:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 16.32 Mbit/s
95th percentile per-packet one-way delay: 107.388 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.69 Mbit/s
95th percentile per-packet one-way delay: 104.861 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.79 Mbit/s
95th percentile per-packet one-way delay: 108.458 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.42 Mbit/s
95th percentile per-packet one-way delay: 105.134 ms
Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link

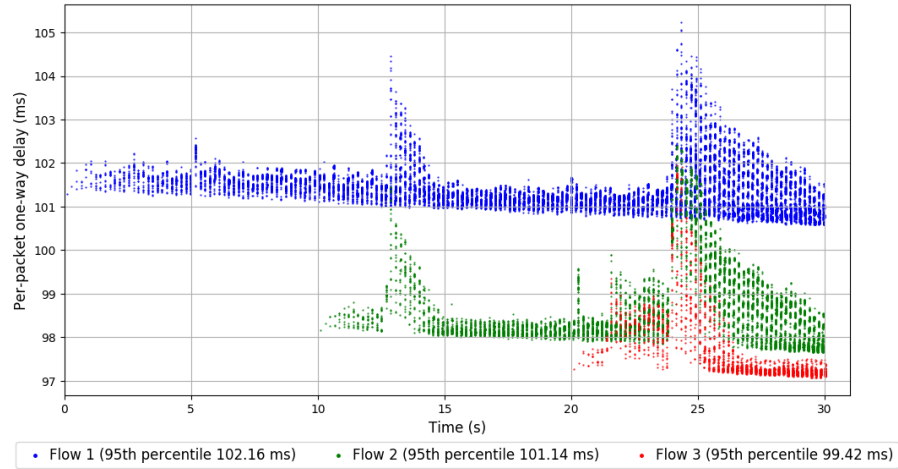
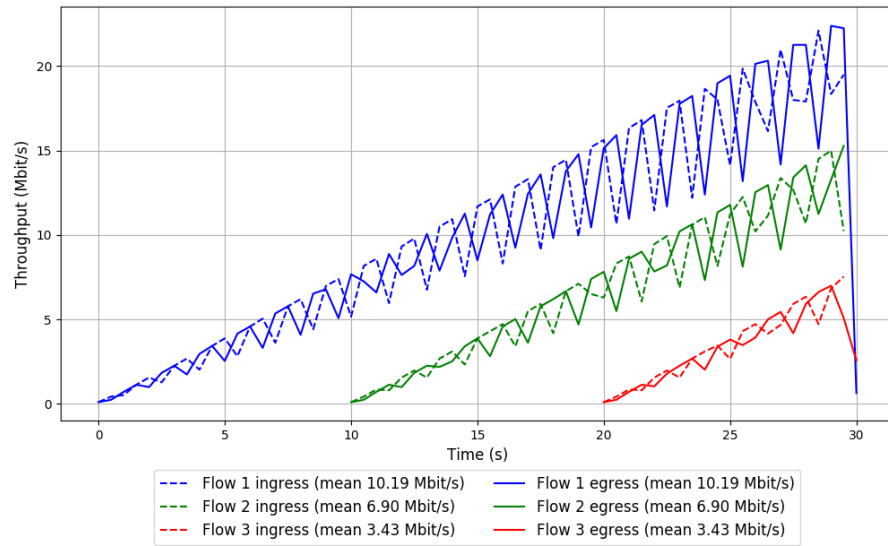


Run 10: Statistics of LEDBAT

Start at: 2018-03-21 07:33:05
End at: 2018-03-21 07:33:35
Local clock offset: -3.806 ms
Remote clock offset: -15.004 ms

Below is generated by plot.py at 2018-03-21 08:15:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 15.89 Mbit/s
95th percentile per-packet one-way delay: 101.926 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.19 Mbit/s
95th percentile per-packet one-way delay: 102.164 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.90 Mbit/s
95th percentile per-packet one-way delay: 101.143 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.43 Mbit/s
95th percentile per-packet one-way delay: 99.416 ms
Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link

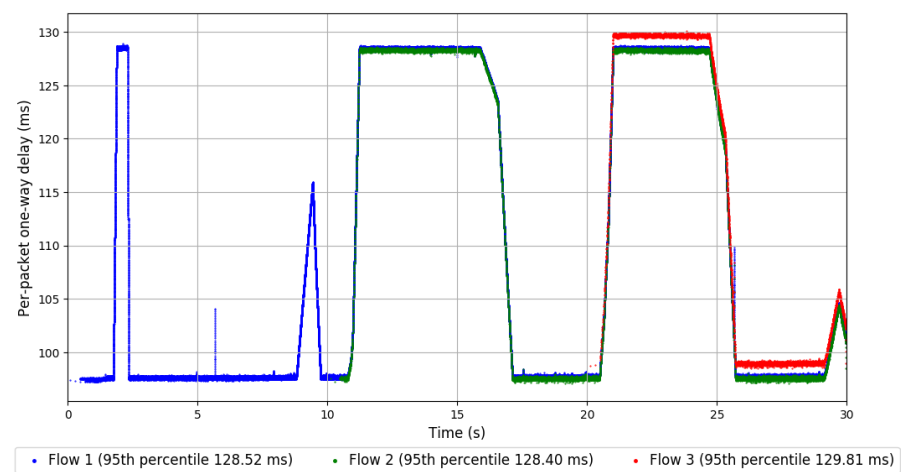
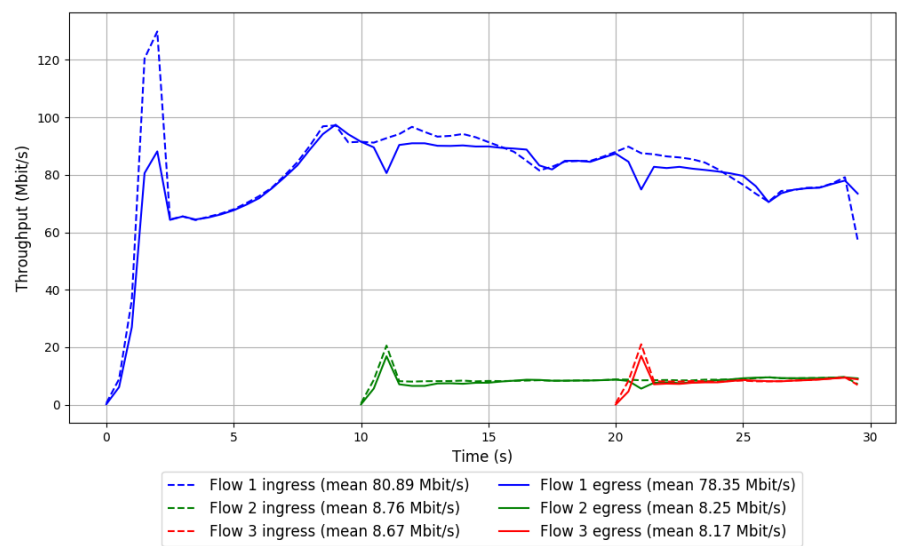


Run 1: Statistics of PCC

Start at: 2018-03-21 03:48:48
End at: 2018-03-21 03:49:18
Local clock offset: -5.42 ms
Remote clock offset: -3.815 ms

Below is generated by plot.py at 2018-03-21 08:15:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.52 Mbit/s
95th percentile per-packet one-way delay: 128.529 ms
Loss rate: 3.43%
-- Flow 1:
Average throughput: 78.35 Mbit/s
95th percentile per-packet one-way delay: 128.518 ms
Loss rate: 3.17%
-- Flow 2:
Average throughput: 8.25 Mbit/s
95th percentile per-packet one-way delay: 128.400 ms
Loss rate: 5.88%
-- Flow 3:
Average throughput: 8.17 Mbit/s
95th percentile per-packet one-way delay: 129.808 ms
Loss rate: 5.80%

Run 1: Report of PCC — Data Link

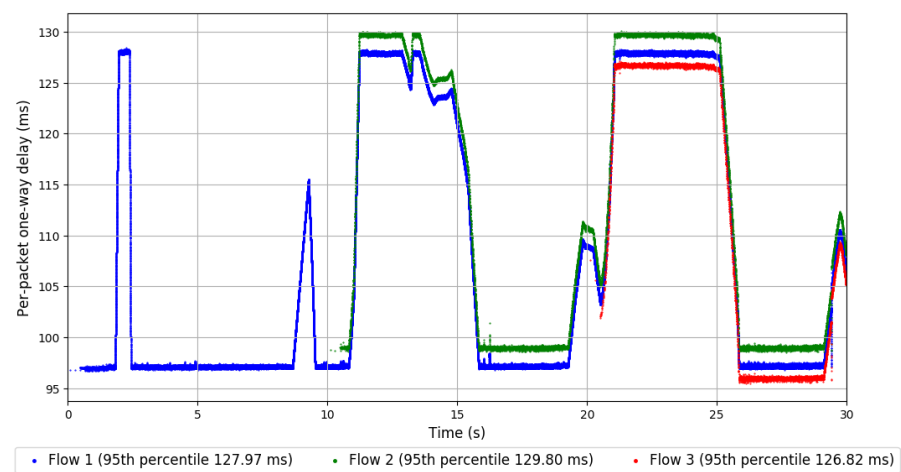
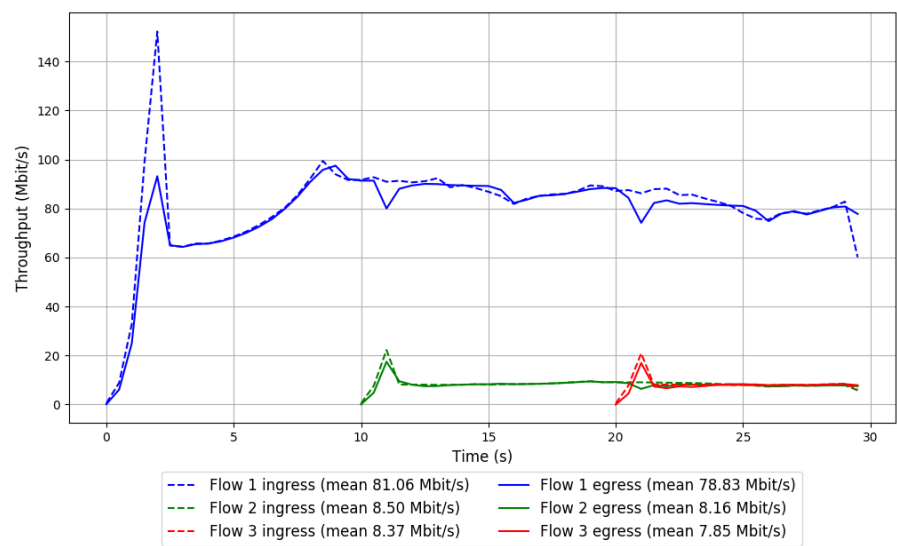


Run 2: Statistics of PCC

Start at: 2018-03-21 04:13:14
End at: 2018-03-21 04:13:44
Local clock offset: -6.986 ms
Remote clock offset: -5.038 ms

Below is generated by plot.py at 2018-03-21 08:15:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.84 Mbit/s
95th percentile per-packet one-way delay: 128.006 ms
Loss rate: 2.90%
-- Flow 1:
Average throughput: 78.83 Mbit/s
95th percentile per-packet one-way delay: 127.975 ms
Loss rate: 2.72%
-- Flow 2:
Average throughput: 8.16 Mbit/s
95th percentile per-packet one-way delay: 129.799 ms
Loss rate: 3.94%
-- Flow 3:
Average throughput: 7.85 Mbit/s
95th percentile per-packet one-way delay: 126.823 ms
Loss rate: 6.18%

Run 2: Report of PCC — Data Link

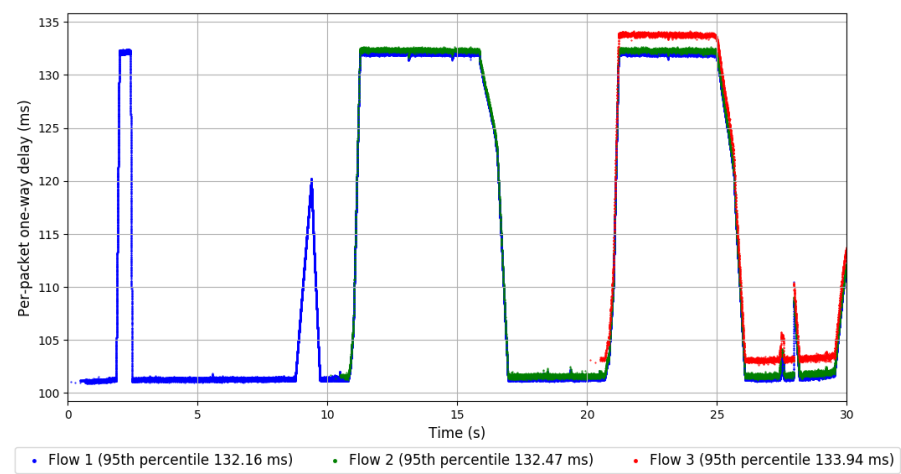
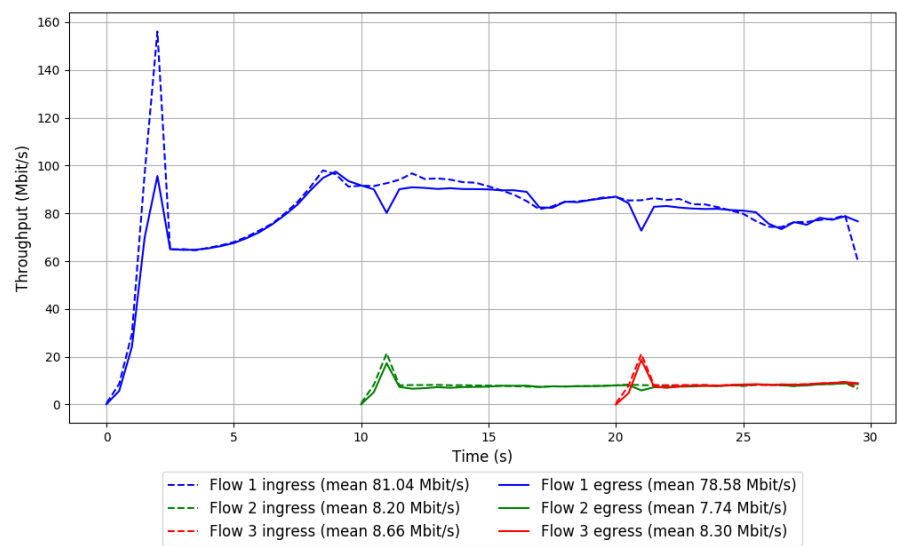


Run 3: Statistics of PCC

Start at: 2018-03-21 04:37:25
End at: 2018-03-21 04:37:55
Local clock offset: -6.405 ms
Remote clock offset: -2.244 ms

Below is generated by plot.py at 2018-03-21 08:16:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.46 Mbit/s
95th percentile per-packet one-way delay: 132.217 ms
Loss rate: 3.18%
-- Flow 1:
Average throughput: 78.58 Mbit/s
95th percentile per-packet one-way delay: 132.162 ms
Loss rate: 3.00%
-- Flow 2:
Average throughput: 7.74 Mbit/s
95th percentile per-packet one-way delay: 132.465 ms
Loss rate: 5.48%
-- Flow 3:
Average throughput: 8.30 Mbit/s
95th percentile per-packet one-way delay: 133.936 ms
Loss rate: 4.03%

Run 3: Report of PCC — Data Link

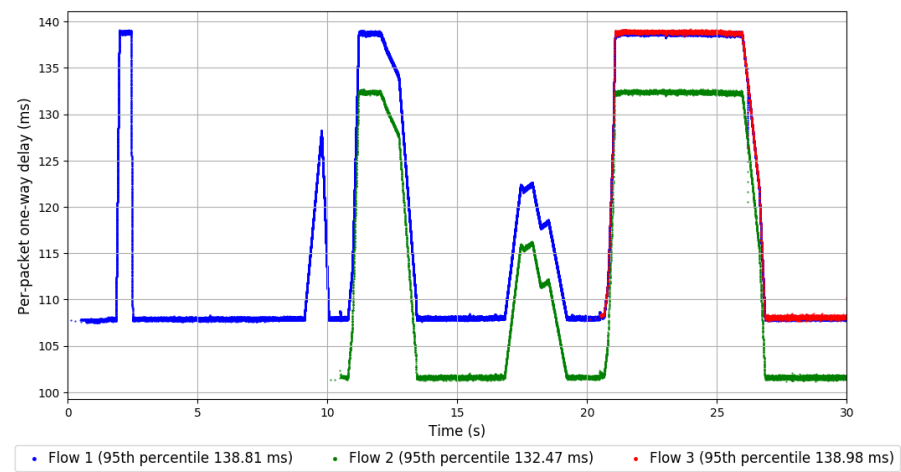
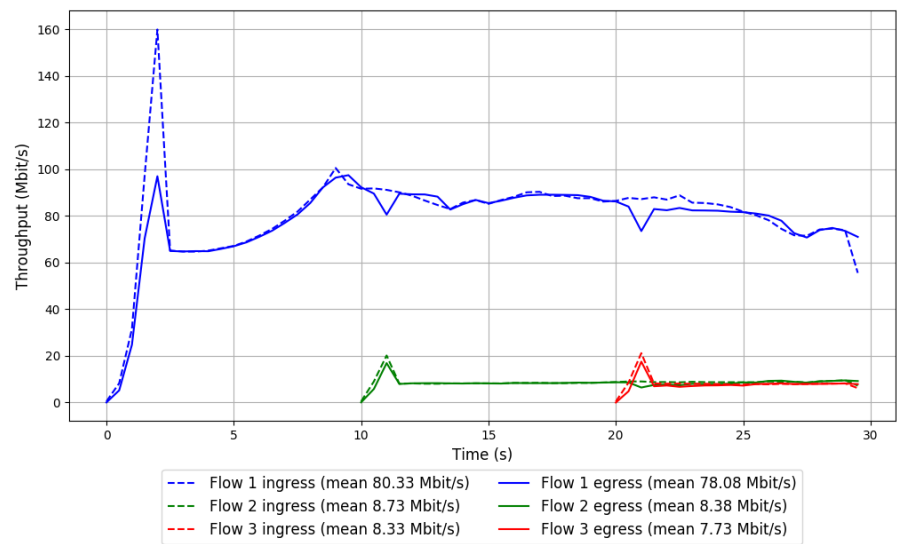


Run 4: Statistics of PCC

Start at: 2018-03-21 05:01:29
End at: 2018-03-21 05:01:59
Local clock offset: -5.753 ms
Remote clock offset: -3.522 ms

Below is generated by plot.py at 2018-03-21 08:16:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.19 Mbit/s
95th percentile per-packet one-way delay: 138.815 ms
Loss rate: 3.04%
-- Flow 1:
Average throughput: 78.08 Mbit/s
95th percentile per-packet one-way delay: 138.807 ms
Loss rate: 2.82%
-- Flow 2:
Average throughput: 8.38 Mbit/s
95th percentile per-packet one-way delay: 132.473 ms
Loss rate: 4.10%
-- Flow 3:
Average throughput: 7.73 Mbit/s
95th percentile per-packet one-way delay: 138.980 ms
Loss rate: 7.23%

Run 4: Report of PCC — Data Link

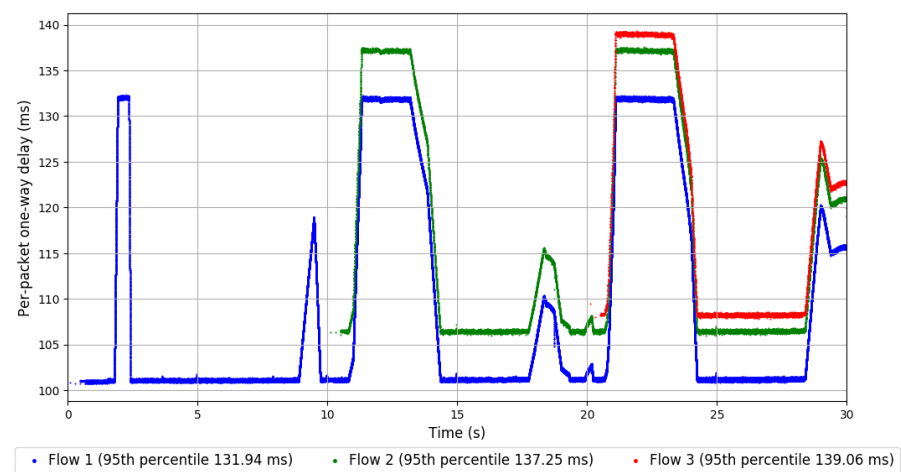
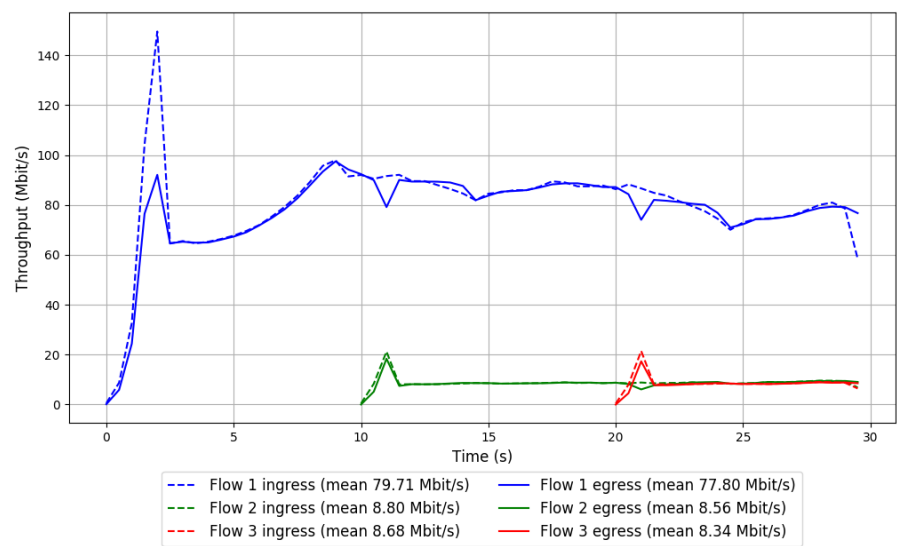


Run 5: Statistics of PCC

Start at: 2018-03-21 05:25:42
End at: 2018-03-21 05:26:12
Local clock offset: -6.675 ms
Remote clock offset: -4.706 ms

Below is generated by plot.py at 2018-03-21 08:16:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.24 Mbit/s
95th percentile per-packet one-way delay: 131.986 ms
Loss rate: 2.42%
-- Flow 1:
Average throughput: 77.80 Mbit/s
95th percentile per-packet one-way delay: 131.938 ms
Loss rate: 2.35%
-- Flow 2:
Average throughput: 8.56 Mbit/s
95th percentile per-packet one-way delay: 137.247 ms
Loss rate: 2.64%
-- Flow 3:
Average throughput: 8.34 Mbit/s
95th percentile per-packet one-way delay: 139.059 ms
Loss rate: 3.88%

Run 5: Report of PCC — Data Link

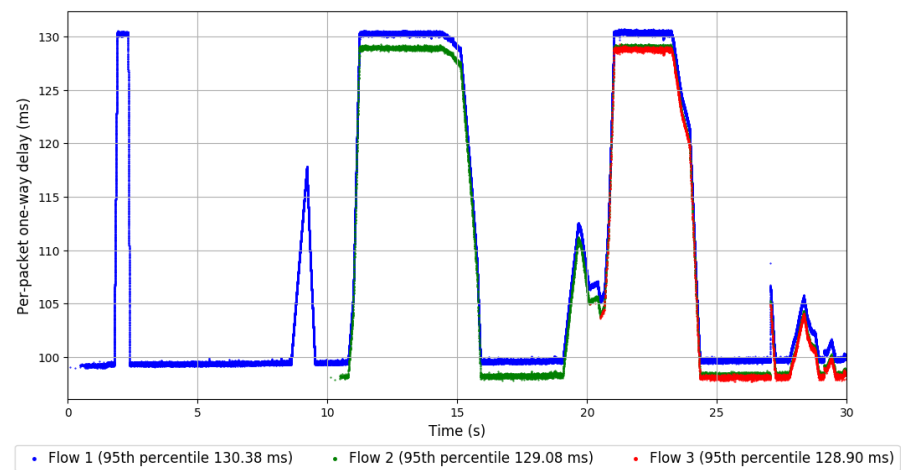
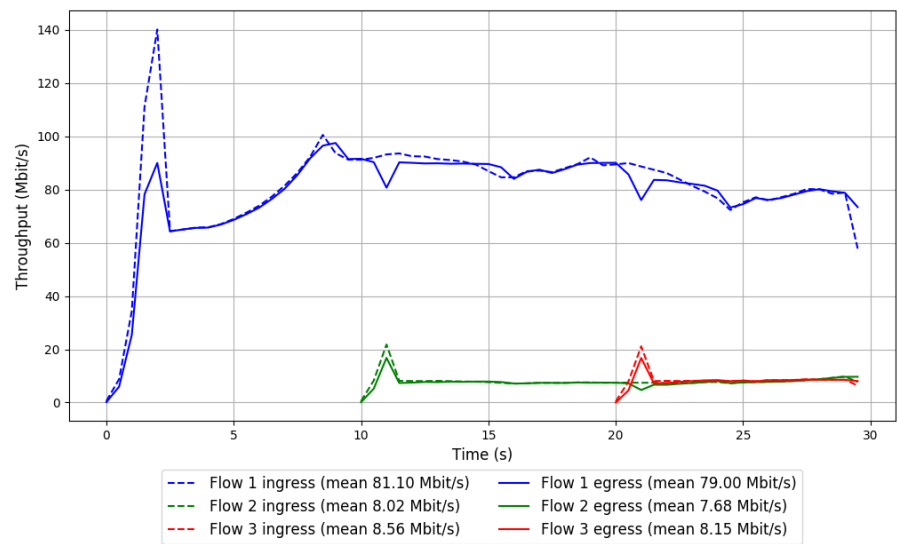


Run 6: Statistics of PCC

Start at: 2018-03-21 05:49:53
End at: 2018-03-21 05:50:23
Local clock offset: 9.045 ms
Remote clock offset: -9.765 ms

Below is generated by plot.py at 2018-03-21 08:16:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.79 Mbit/s
95th percentile per-packet one-way delay: 130.375 ms
Loss rate: 2.76%
-- Flow 1:
Average throughput: 79.00 Mbit/s
95th percentile per-packet one-way delay: 130.384 ms
Loss rate: 2.59%
-- Flow 2:
Average throughput: 7.68 Mbit/s
95th percentile per-packet one-way delay: 129.079 ms
Loss rate: 4.19%
-- Flow 3:
Average throughput: 8.15 Mbit/s
95th percentile per-packet one-way delay: 128.902 ms
Loss rate: 4.86%

Run 6: Report of PCC — Data Link

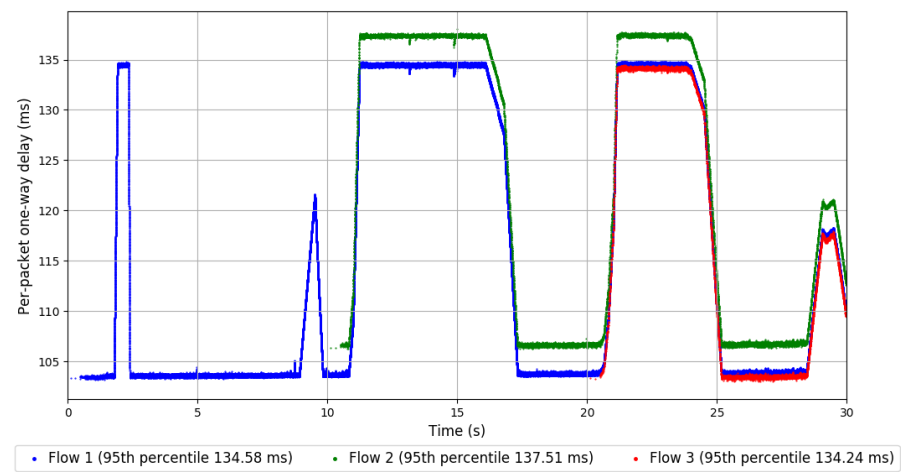
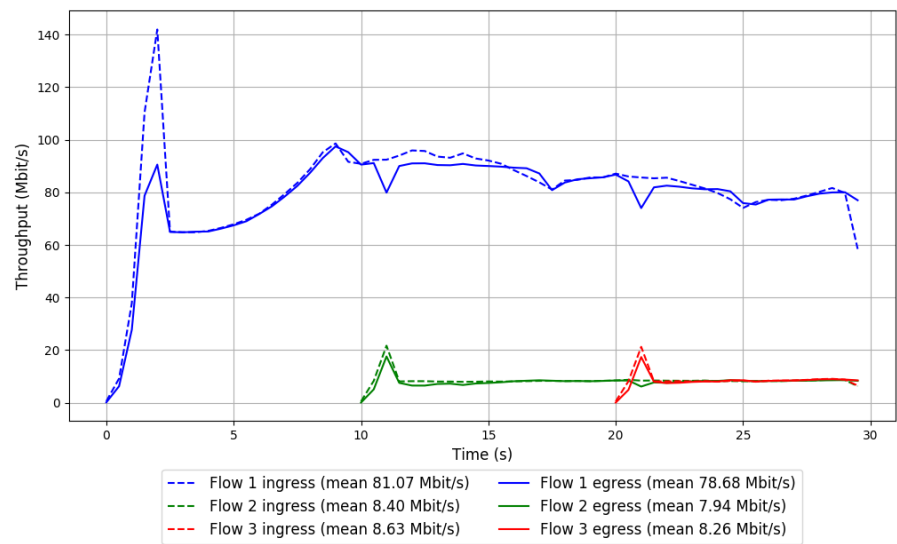


Run 7: Statistics of PCC

Start at: 2018-03-21 06:14:01
End at: 2018-03-21 06:14:31
Local clock offset: 18.973 ms
Remote clock offset: -7.168 ms

Below is generated by plot.py at 2018-03-21 08:16:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.68 Mbit/s
95th percentile per-packet one-way delay: 134.610 ms
Loss rate: 3.13%
-- Flow 1:
Average throughput: 78.68 Mbit/s
95th percentile per-packet one-way delay: 134.576 ms
Loss rate: 2.93%
-- Flow 2:
Average throughput: 7.94 Mbit/s
95th percentile per-packet one-way delay: 137.506 ms
Loss rate: 5.54%
-- Flow 3:
Average throughput: 8.26 Mbit/s
95th percentile per-packet one-way delay: 134.239 ms
Loss rate: 4.24%

Run 7: Report of PCC — Data Link

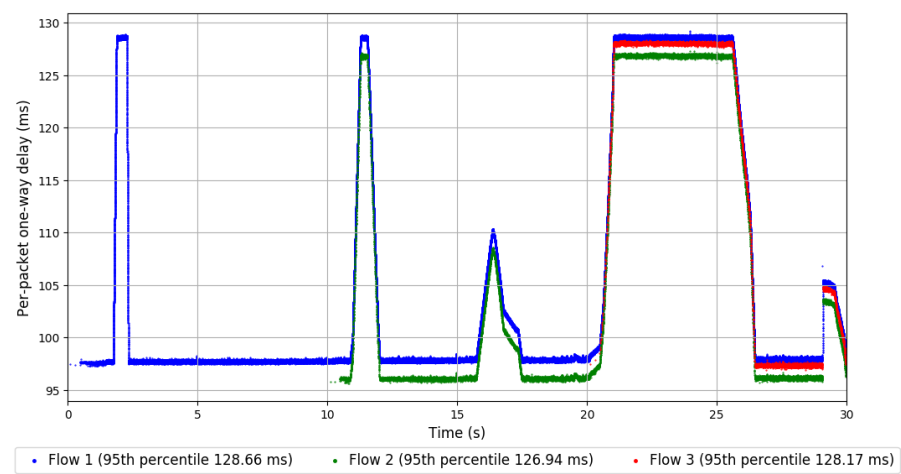
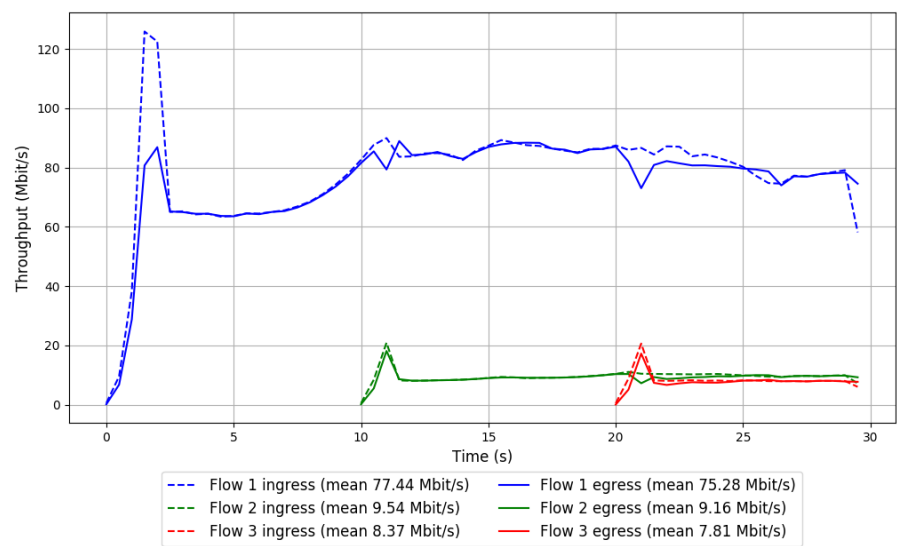


Run 8: Statistics of PCC

Start at: 2018-03-21 06:38:10
End at: 2018-03-21 06:38:40
Local clock offset: 27.168 ms
Remote clock offset: -12.22 ms

Below is generated by plot.py at 2018-03-21 08:16:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.95 Mbit/s
95th percentile per-packet one-way delay: 128.652 ms
Loss rate: 2.99%
-- Flow 1:
Average throughput: 75.28 Mbit/s
95th percentile per-packet one-way delay: 128.661 ms
Loss rate: 2.78%
-- Flow 2:
Average throughput: 9.16 Mbit/s
95th percentile per-packet one-way delay: 126.943 ms
Loss rate: 3.98%
-- Flow 3:
Average throughput: 7.81 Mbit/s
95th percentile per-packet one-way delay: 128.173 ms
Loss rate: 6.68%

Run 8: Report of PCC — Data Link

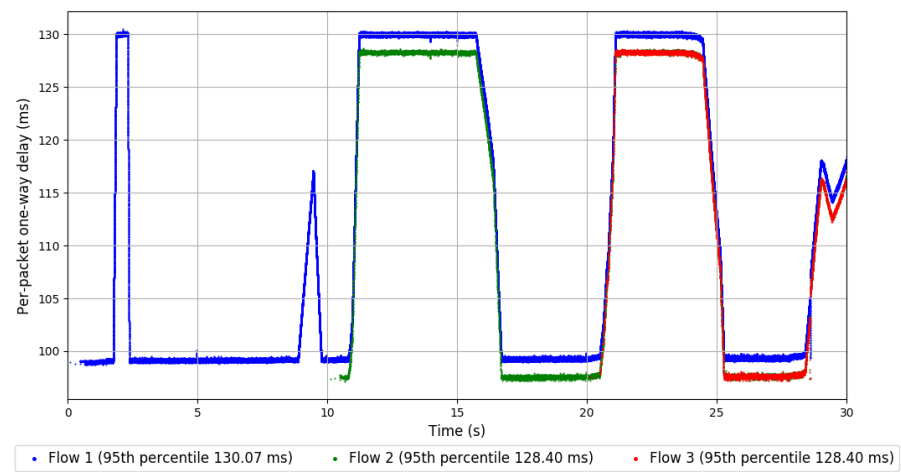
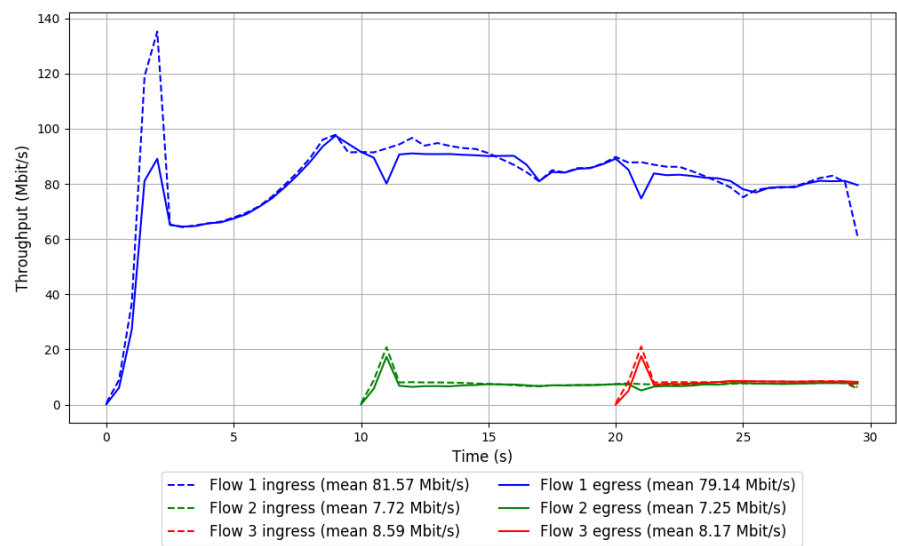


Run 9: Statistics of PCC

Start at: 2018-03-21 07:02:21
End at: 2018-03-21 07:02:51
Local clock offset: 33.867 ms
Remote clock offset: -13.348 ms

Below is generated by plot.py at 2018-03-21 08:17:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.65 Mbit/s
95th percentile per-packet one-way delay: 130.065 ms
Loss rate: 3.15%
-- Flow 1:
Average throughput: 79.14 Mbit/s
95th percentile per-packet one-way delay: 130.071 ms
Loss rate: 2.92%
-- Flow 2:
Average throughput: 7.25 Mbit/s
95th percentile per-packet one-way delay: 128.404 ms
Loss rate: 5.95%
-- Flow 3:
Average throughput: 8.17 Mbit/s
95th percentile per-packet one-way delay: 128.395 ms
Loss rate: 4.69%

Run 9: Report of PCC — Data Link

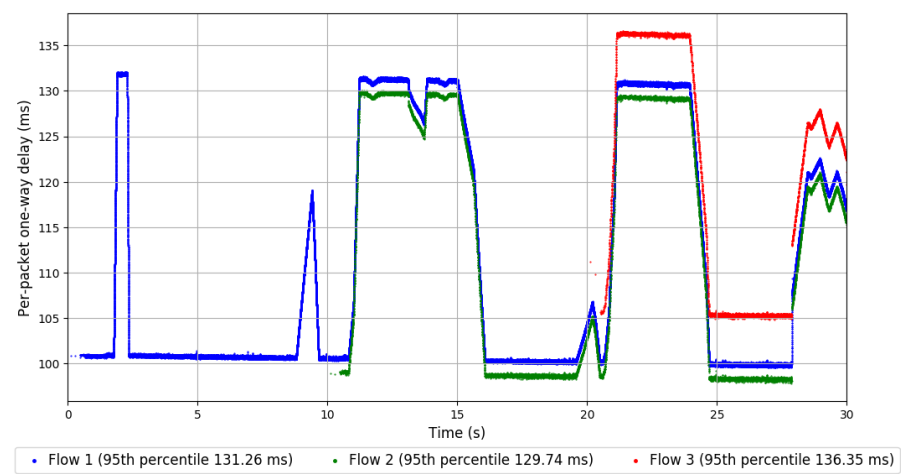
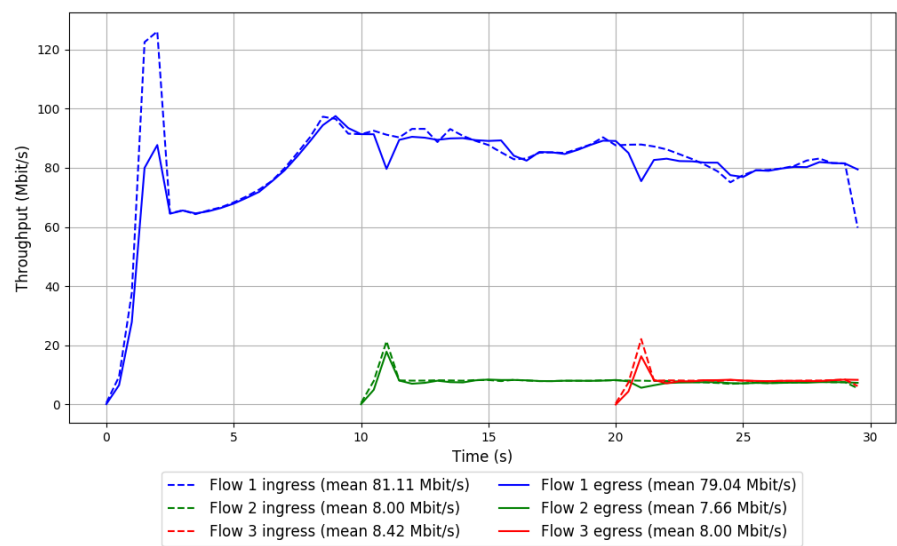


Run 10: Statistics of PCC

Start at: 2018-03-21 07:26:27
End at: 2018-03-21 07:26:57
Local clock offset: 11.798 ms
Remote clock offset: -10.748 ms

Below is generated by plot.py at 2018-03-21 08:17:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.78 Mbit/s
95th percentile per-packet one-way delay: 131.276 ms
Loss rate: 2.67%
-- Flow 1:
Average throughput: 79.04 Mbit/s
95th percentile per-packet one-way delay: 131.256 ms
Loss rate: 2.50%
-- Flow 2:
Average throughput: 7.66 Mbit/s
95th percentile per-packet one-way delay: 129.737 ms
Loss rate: 4.11%
-- Flow 3:
Average throughput: 8.00 Mbit/s
95th percentile per-packet one-way delay: 136.347 ms
Loss rate: 4.97%

Run 10: Report of PCC — Data Link

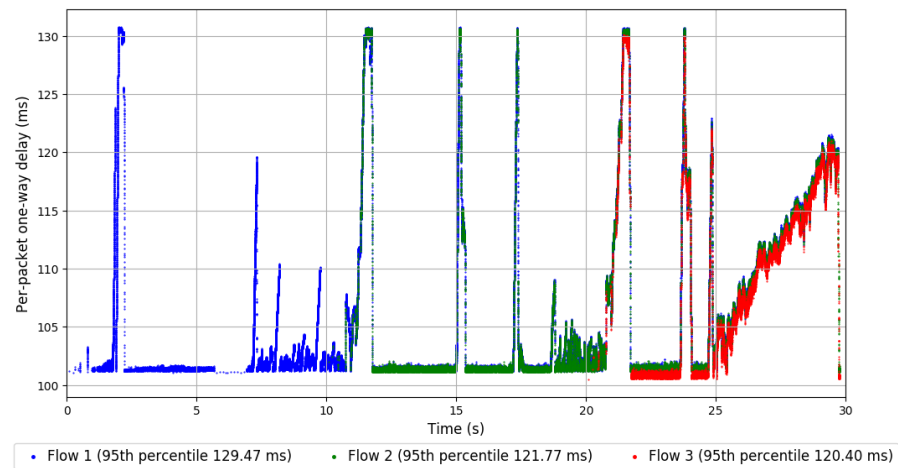
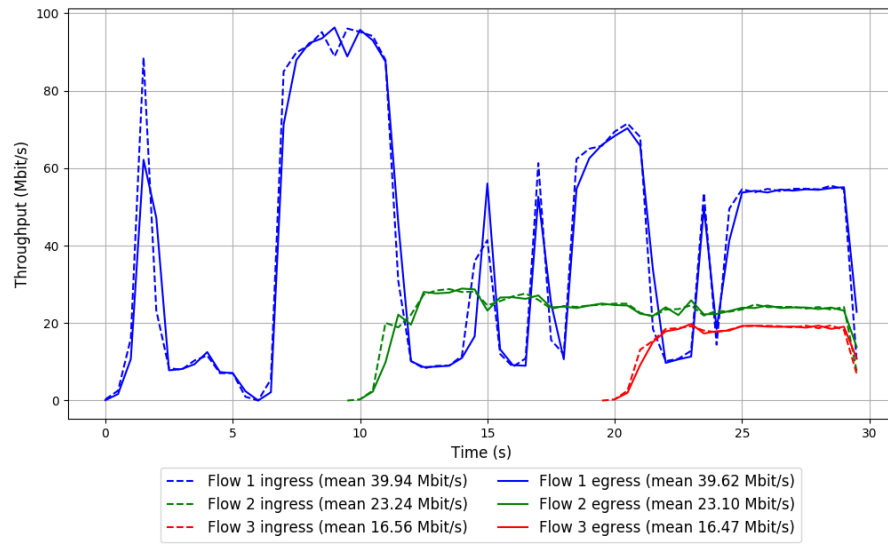


Run 1: Statistics of QUIC Cubic

Start at: 2018-03-21 04:05:14
End at: 2018-03-21 04:05:44
Local clock offset: -6.552 ms
Remote clock offset: -0.724 ms

Below is generated by plot.py at 2018-03-21 08:17:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 60.24 Mbit/s
95th percentile per-packet one-way delay: 127.811 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 39.62 Mbit/s
95th percentile per-packet one-way delay: 129.473 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 23.10 Mbit/s
95th percentile per-packet one-way delay: 121.771 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 16.47 Mbit/s
95th percentile per-packet one-way delay: 120.398 ms
Loss rate: 0.52%

Run 1: Report of QUIC Cubic — Data Link

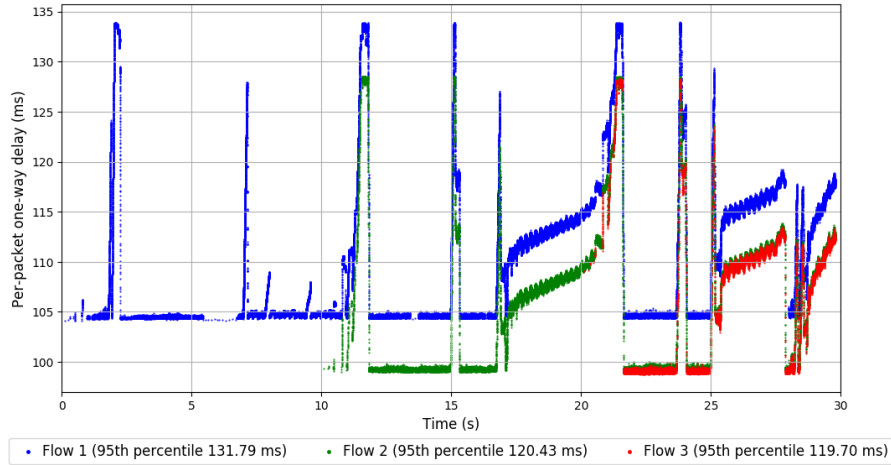
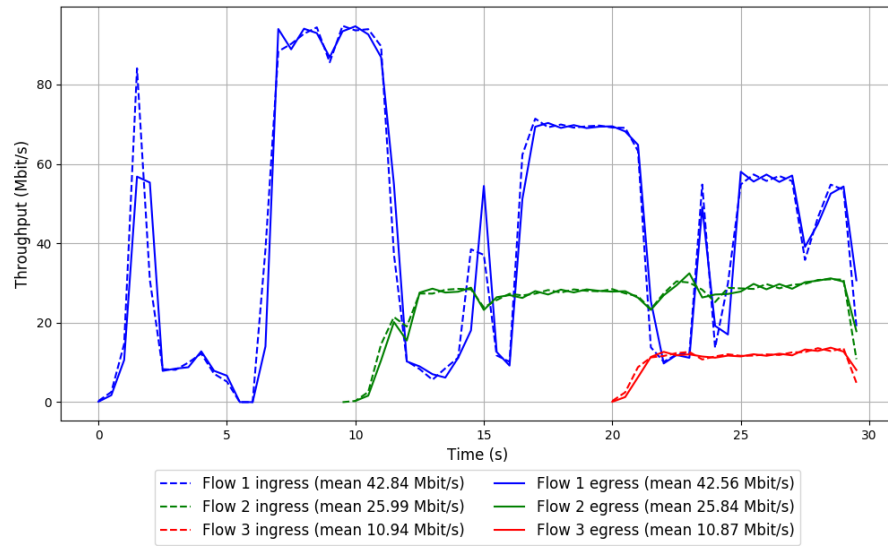


Run 2: Statistics of QUIC Cubic

Start at: 2018-03-21 04:29:33
End at: 2018-03-21 04:30:03
Local clock offset: -7.154 ms
Remote clock offset: -5.749 ms

Below is generated by plot.py at 2018-03-21 08:17:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 63.24 Mbit/s
95th percentile per-packet one-way delay: 127.678 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 42.56 Mbit/s
95th percentile per-packet one-way delay: 131.795 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 25.84 Mbit/s
95th percentile per-packet one-way delay: 120.431 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 10.87 Mbit/s
95th percentile per-packet one-way delay: 119.696 ms
Loss rate: 0.59%

Run 2: Report of QUIC Cubic — Data Link

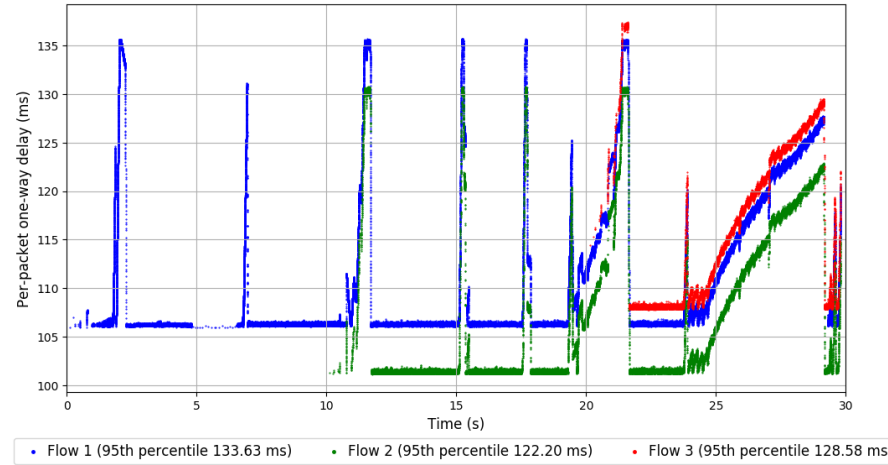
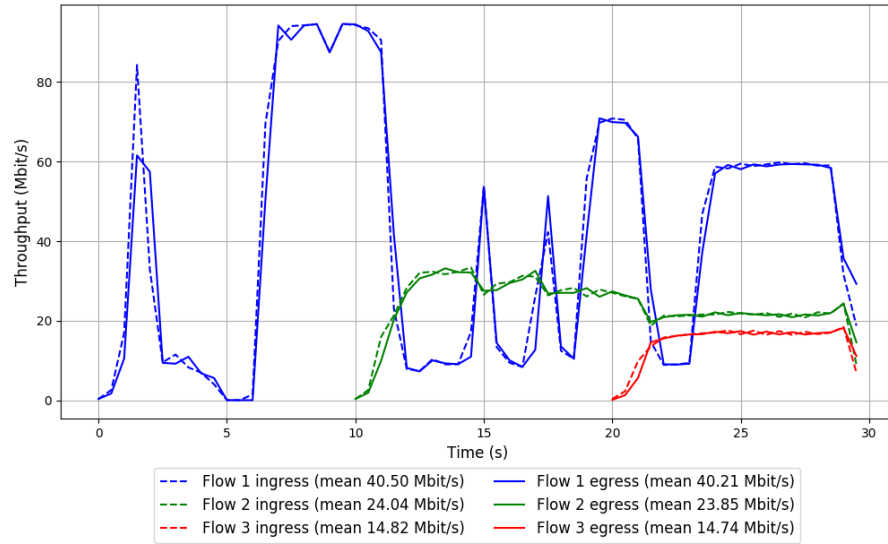


Run 3: Statistics of QUIC Cubic

Start at: 2018-03-21 04:53:36
End at: 2018-03-21 04:54:06
Local clock offset: -5.892 ms
Remote clock offset: -3.153 ms

Below is generated by plot.py at 2018-03-21 08:17:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 60.83 Mbit/s
95th percentile per-packet one-way delay: 130.144 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 40.21 Mbit/s
95th percentile per-packet one-way delay: 133.628 ms
Loss rate: 0.69%
-- Flow 2:
Average throughput: 23.85 Mbit/s
95th percentile per-packet one-way delay: 122.196 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 14.74 Mbit/s
95th percentile per-packet one-way delay: 128.578 ms
Loss rate: 0.49%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-03-21 05:17:46

End at: 2018-03-21 05:18:16

Local clock offset: -6.52 ms

Remote clock offset: -4.27 ms

Below is generated by plot.py at 2018-03-21 08:17:35

Datalink statistics

-- Total of 3 flows:

Average throughput: 68.31 Mbit/s

95th percentile per-packet one-way delay: 128.334 ms

Loss rate: 0.75%

-- Flow 1:

Average throughput: 46.28 Mbit/s

95th percentile per-packet one-way delay: 130.565 ms

Loss rate: 0.70%

-- Flow 2:

Average throughput: 23.68 Mbit/s

95th percentile per-packet one-way delay: 125.276 ms

Loss rate: 1.06%

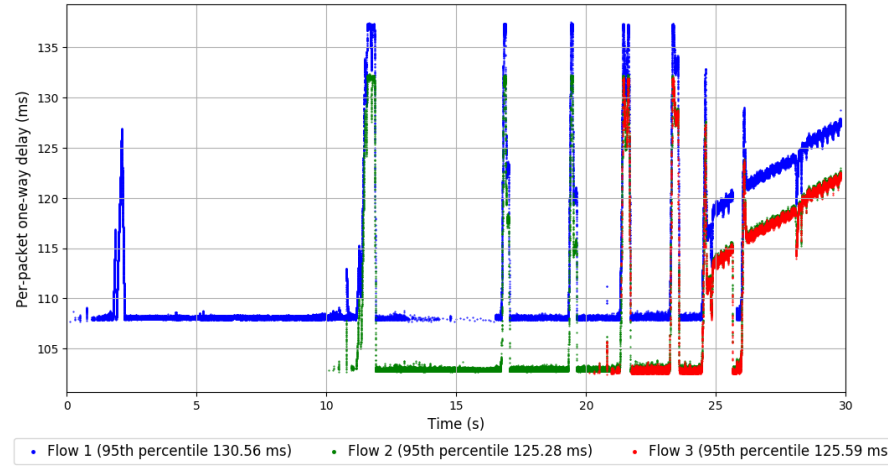
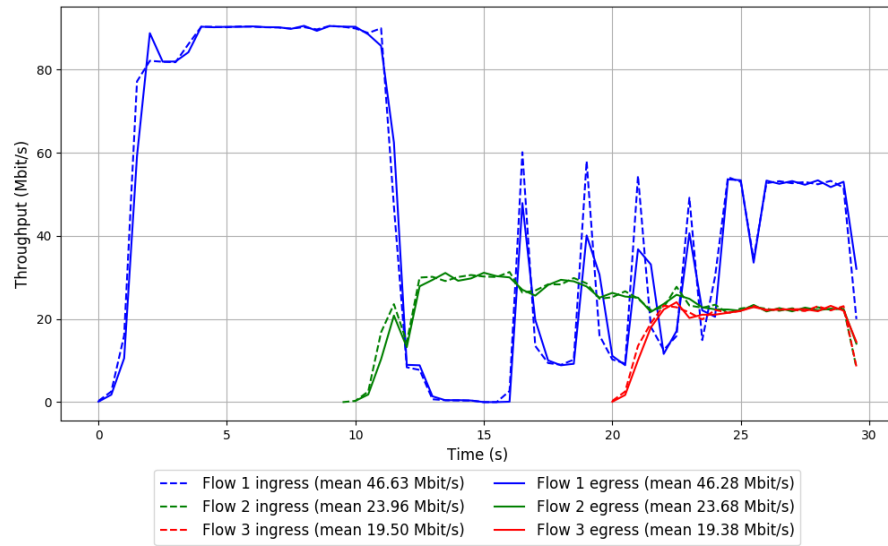
-- Flow 3:

Average throughput: 19.38 Mbit/s

95th percentile per-packet one-way delay: 125.587 ms

Loss rate: 0.41%

Run 4: Report of QUIC Cubic — Data Link

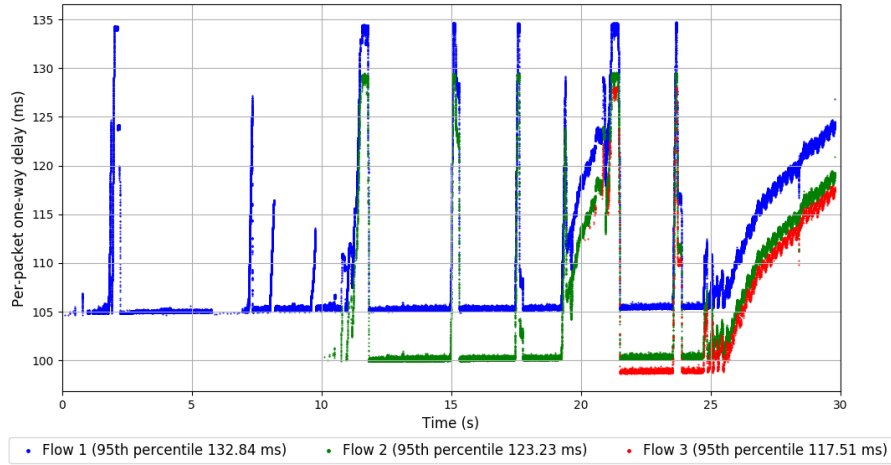
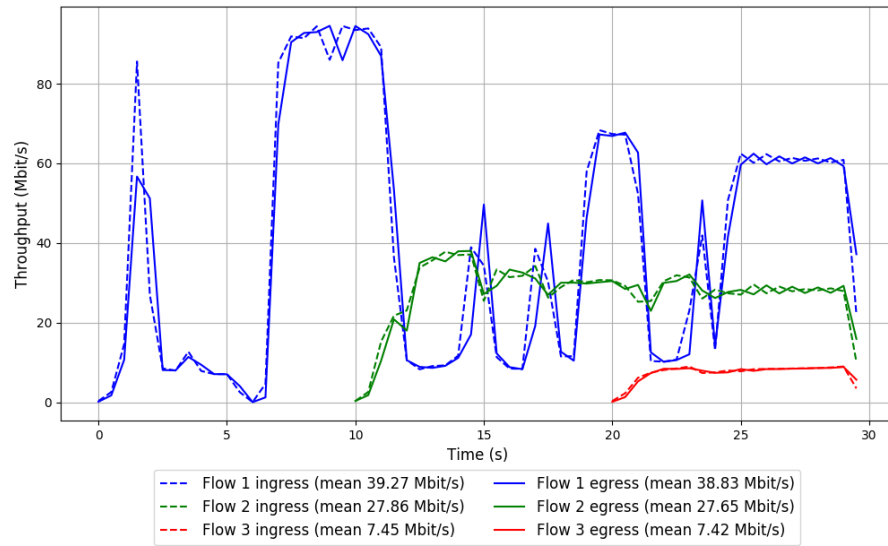


Run 5: Statistics of QUIC Cubic

Start at: 2018-03-21 05:42:00
End at: 2018-03-21 05:42:30
Local clock offset: 1.383 ms
Remote clock offset: -9.381 ms

Below is generated by plot.py at 2018-03-21 08:17:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 59.59 Mbit/s
95th percentile per-packet one-way delay: 129.032 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 38.83 Mbit/s
95th percentile per-packet one-way delay: 132.835 ms
Loss rate: 1.05%
-- Flow 2:
Average throughput: 27.65 Mbit/s
95th percentile per-packet one-way delay: 123.228 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 7.42 Mbit/s
95th percentile per-packet one-way delay: 117.508 ms
Loss rate: 0.38%

Run 5: Report of QUIC Cubic — Data Link

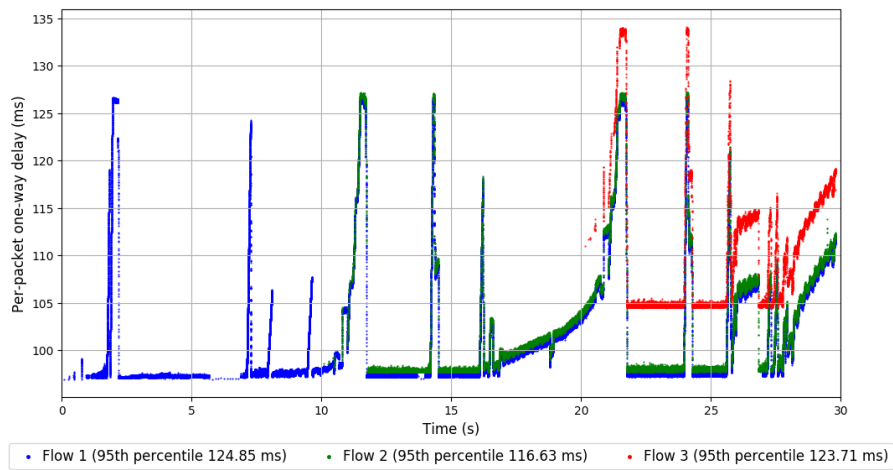
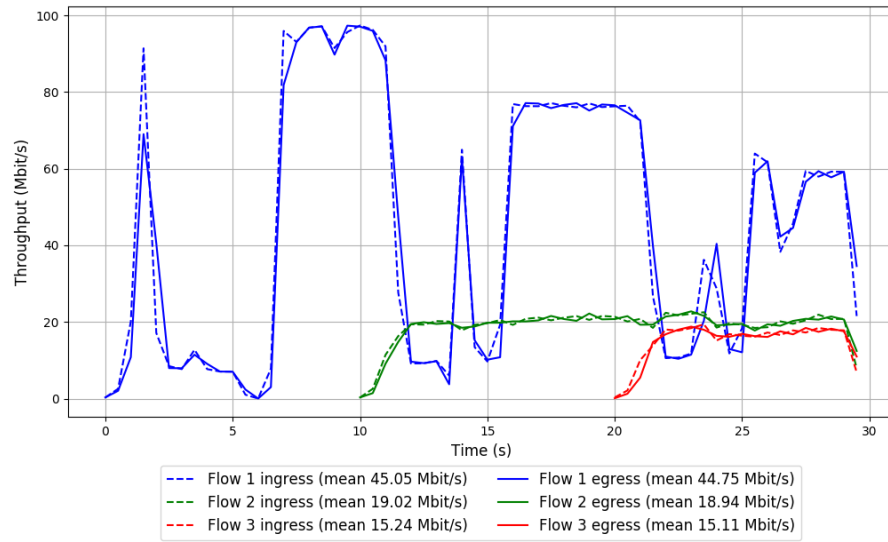


Run 6: Statistics of QUIC Cubic

Start at: 2018-03-21 06:06:06
End at: 2018-03-21 06:06:36
Local clock offset: 16.228 ms
Remote clock offset: -10.588 ms

Below is generated by plot.py at 2018-03-21 08:17:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.22 Mbit/s
95th percentile per-packet one-way delay: 123.888 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 44.75 Mbit/s
95th percentile per-packet one-way delay: 124.850 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 18.94 Mbit/s
95th percentile per-packet one-way delay: 116.630 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 15.11 Mbit/s
95th percentile per-packet one-way delay: 123.707 ms
Loss rate: 0.84%

Run 6: Report of QUIC Cubic — Data Link

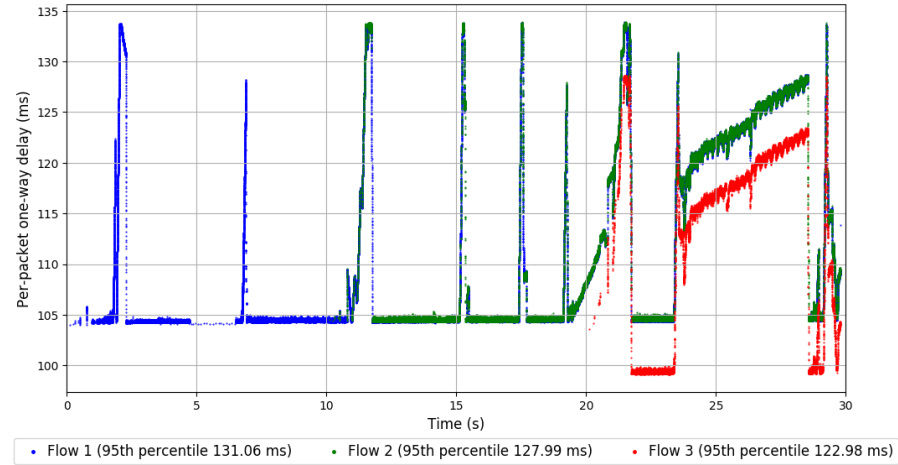
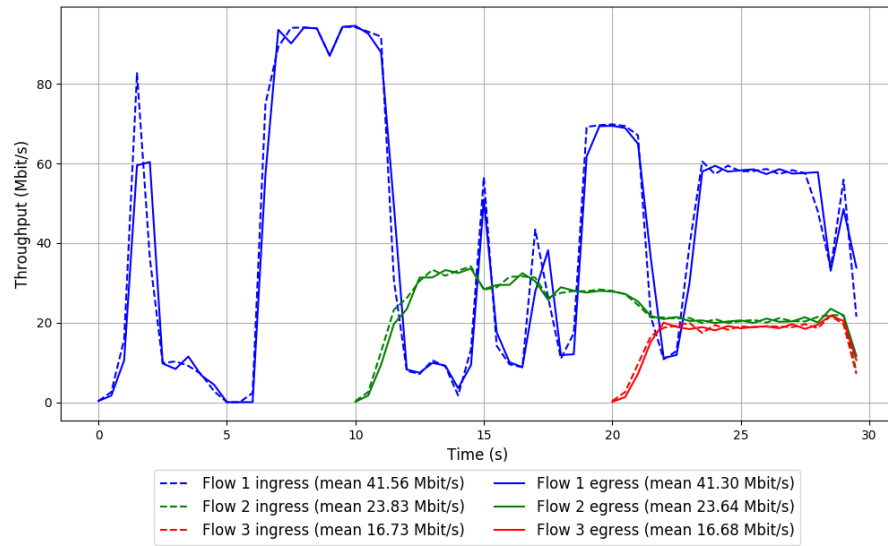


Run 7: Statistics of QUIC Cubic

Start at: 2018-03-21 06:30:17
End at: 2018-03-21 06:30:47
Local clock offset: 24.874 ms
Remote clock offset: -11.798 ms

Below is generated by plot.py at 2018-03-21 08:18:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.40 Mbit/s
95th percentile per-packet one-way delay: 129.312 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 41.30 Mbit/s
95th percentile per-packet one-way delay: 131.058 ms
Loss rate: 0.59%
-- Flow 2:
Average throughput: 23.64 Mbit/s
95th percentile per-packet one-way delay: 127.994 ms
Loss rate: 0.80%
-- Flow 3:
Average throughput: 16.68 Mbit/s
95th percentile per-packet one-way delay: 122.984 ms
Loss rate: 0.31%

Run 7: Report of QUIC Cubic — Data Link

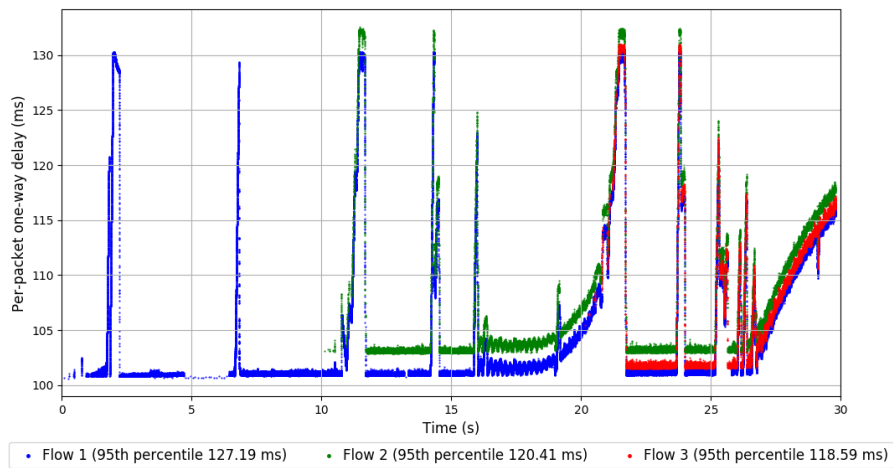
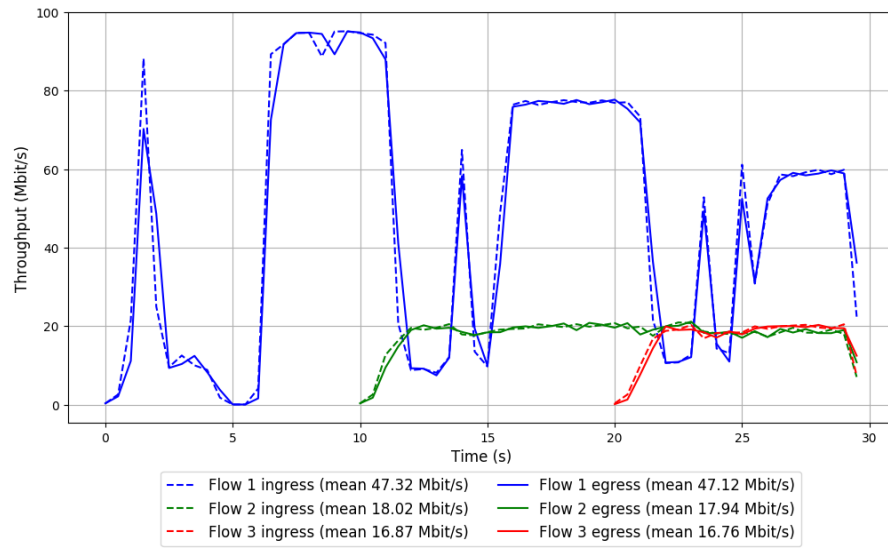


Run 8: Statistics of QUIC Cubic

Start at: 2018-03-21 06:54:26
End at: 2018-03-21 06:54:56
Local clock offset: 31.723 ms
Remote clock offset: -9.101 ms

Below is generated by plot.py at 2018-03-21 08:18:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 64.46 Mbit/s
95th percentile per-packet one-way delay: 126.185 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 47.12 Mbit/s
95th percentile per-packet one-way delay: 127.187 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 17.94 Mbit/s
95th percentile per-packet one-way delay: 120.409 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 16.76 Mbit/s
95th percentile per-packet one-way delay: 118.590 ms
Loss rate: 0.58%

Run 8: Report of QUIC Cubic — Data Link

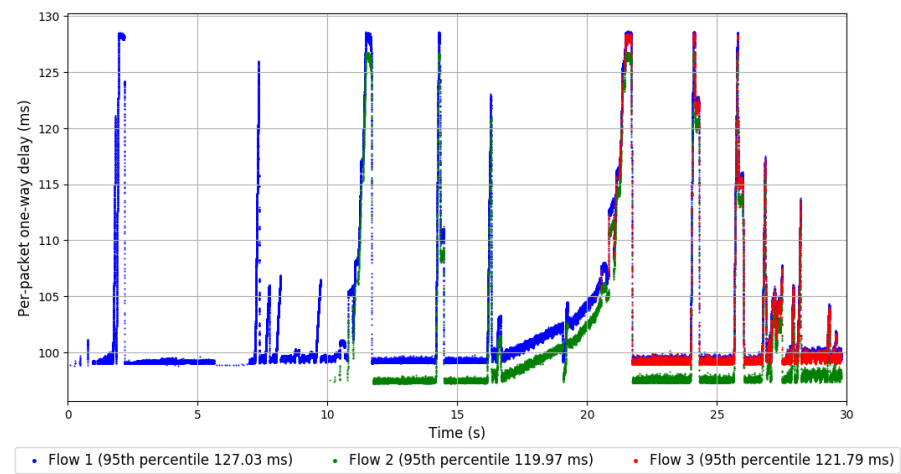
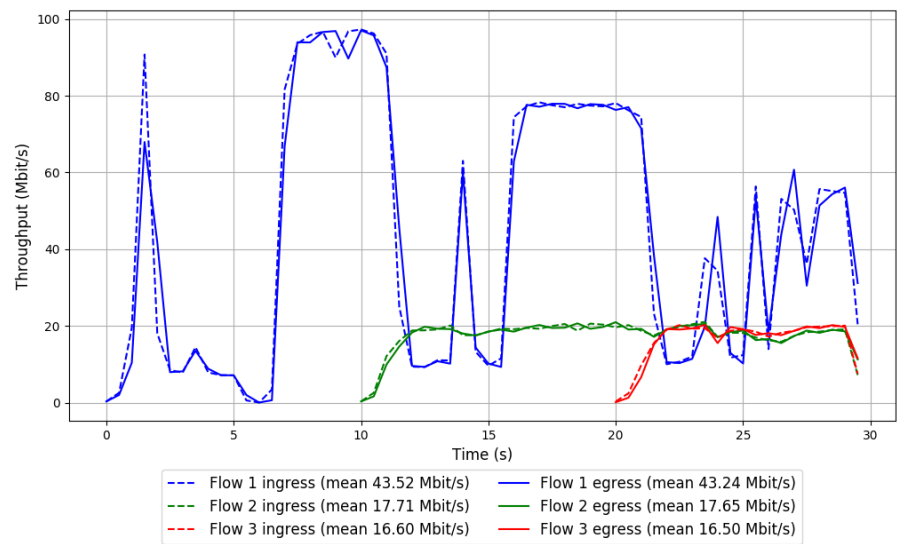


Run 9: Statistics of QUIC Cubic

Start at: 2018-03-21 07:18:33
End at: 2018-03-21 07:19:03
Local clock offset: 38.269 ms
Remote clock offset: -14.208 ms

Below is generated by plot.py at 2018-03-21 08:18:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 60.30 Mbit/s
95th percentile per-packet one-way delay: 125.434 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 43.24 Mbit/s
95th percentile per-packet one-way delay: 127.028 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 17.65 Mbit/s
95th percentile per-packet one-way delay: 119.971 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 16.50 Mbit/s
95th percentile per-packet one-way delay: 121.787 ms
Loss rate: 0.64%

Run 9: Report of QUIC Cubic — Data Link

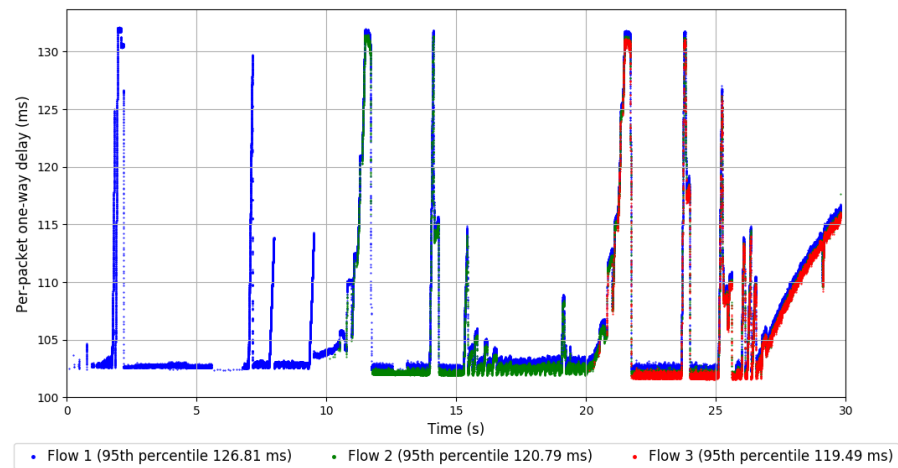
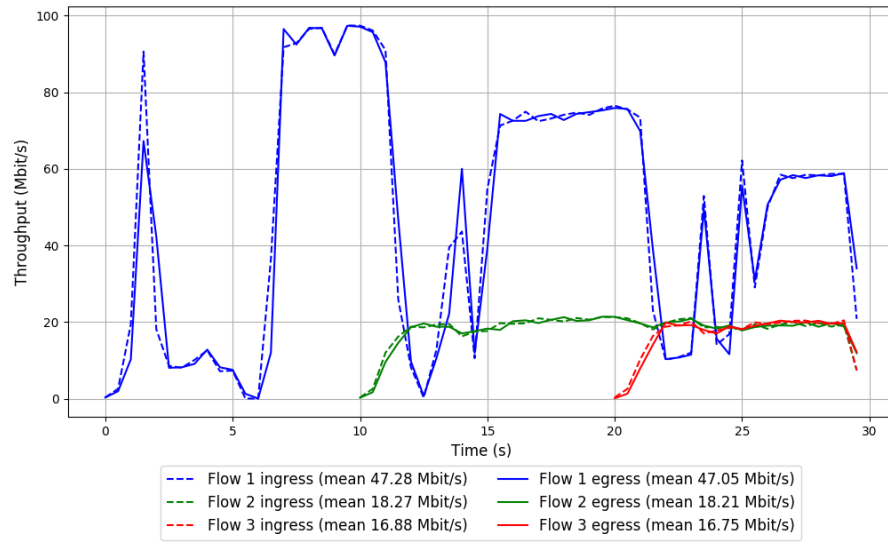


Run 10: Statistics of QUIC Cubic

Start at: 2018-03-21 07:42:43
End at: 2018-03-21 07:43:13
Local clock offset: -15.704 ms
Remote clock offset: -11.583 ms

Below is generated by plot.py at 2018-03-21 08:18:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 64.57 Mbit/s
95th percentile per-packet one-way delay: 125.321 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 47.05 Mbit/s
95th percentile per-packet one-way delay: 126.811 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 18.21 Mbit/s
95th percentile per-packet one-way delay: 120.787 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 16.75 Mbit/s
95th percentile per-packet one-way delay: 119.486 ms
Loss rate: 0.61%

Run 10: Report of QUIC Cubic — Data Link

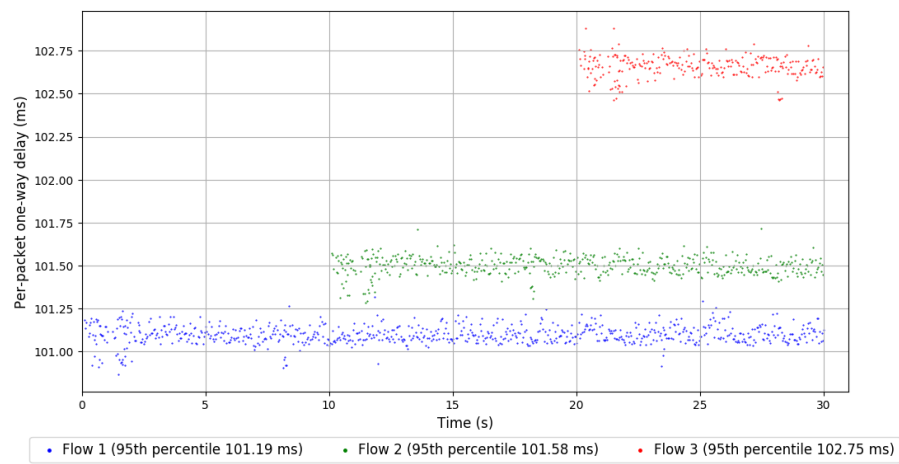
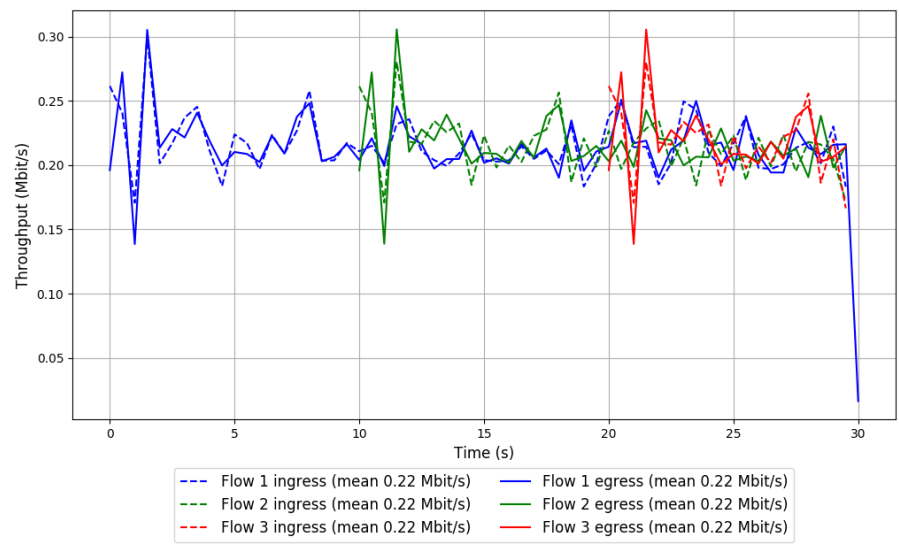


Run 1: Statistics of SReAM

Start at: 2018-03-21 04:07:59
End at: 2018-03-21 04:08:29
Local clock offset: -6.702 ms
Remote clock offset: -0.793 ms

Below is generated by plot.py at 2018-03-21 08:18:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 102.694 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 101.191 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 101.576 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 102.748 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

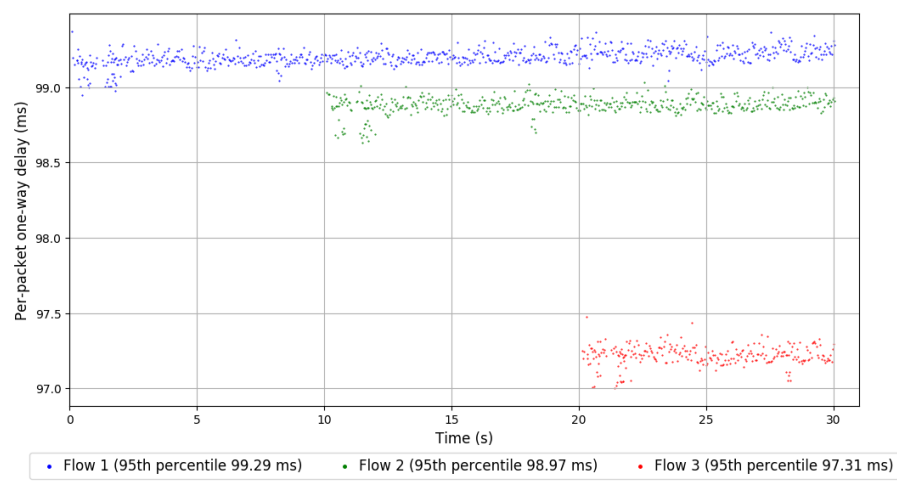
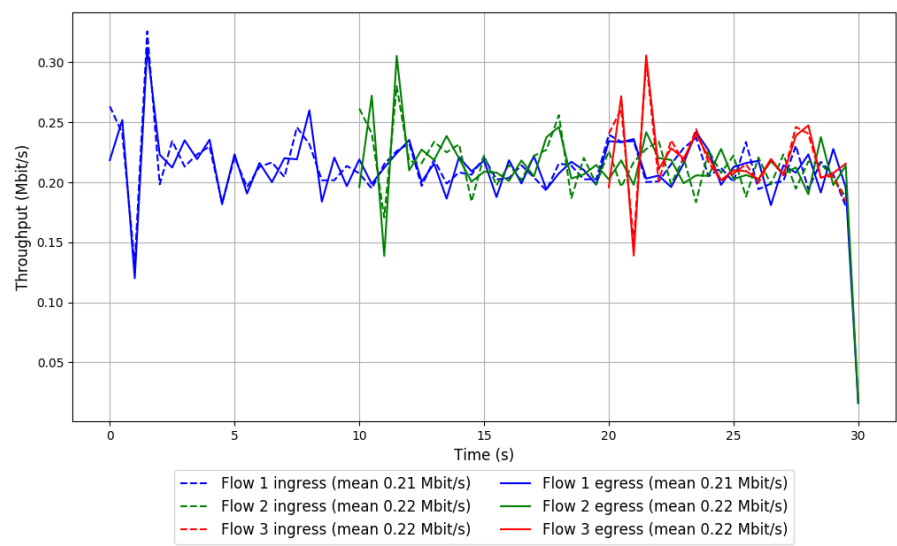


Run 2: Statistics of SReAM

Start at: 2018-03-21 04:32:12
End at: 2018-03-21 04:32:42
Local clock offset: -6.793 ms
Remote clock offset: -5.882 ms

Below is generated by plot.py at 2018-03-21 08:18:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 99.271 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 99.289 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 98.965 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 97.311 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

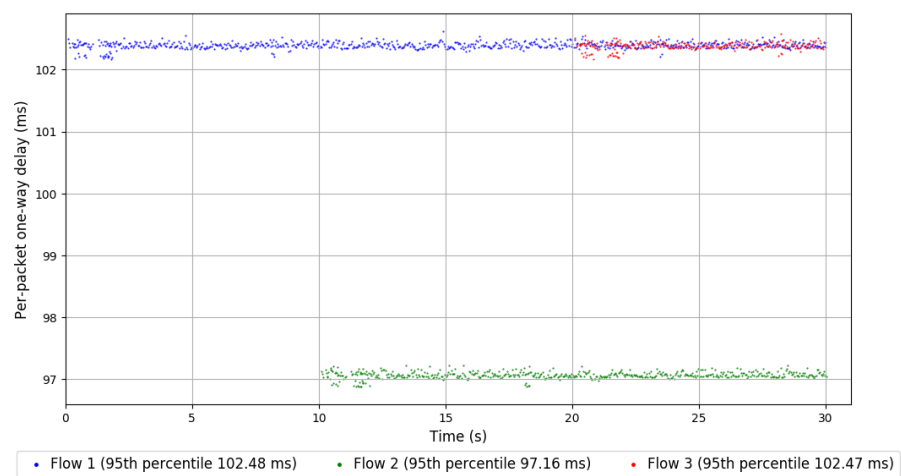
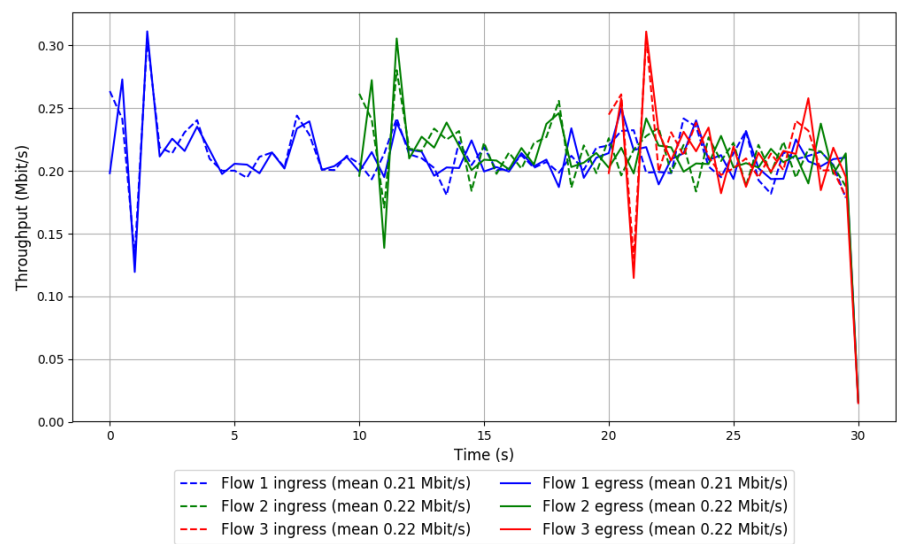


Run 3: Statistics of SReAM

Start at: 2018-03-21 04:56:15
End at: 2018-03-21 04:56:45
Local clock offset: -5.894 ms
Remote clock offset: -7.087 ms

Below is generated by plot.py at 2018-03-21 08:18:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 102.467 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 102.481 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 97.159 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 102.473 ms
Loss rate: 0.00%

Run 3: Report of SCRaM — Data Link

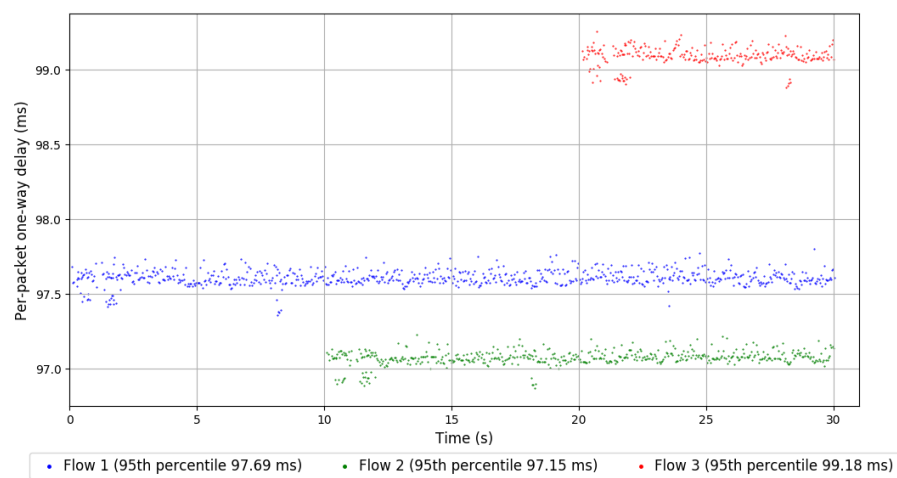
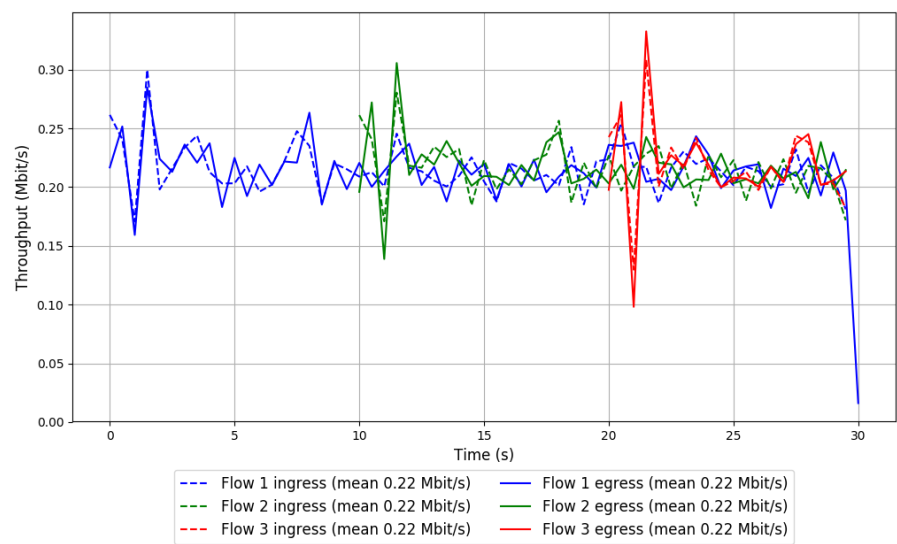


Run 4: Statistics of SReAM

Start at: 2018-03-21 05:20:27
End at: 2018-03-21 05:20:57
Local clock offset: -6.642 ms
Remote clock offset: -8.305 ms

Below is generated by plot.py at 2018-03-21 08:18:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 99.119 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 97.694 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 97.154 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 99.181 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

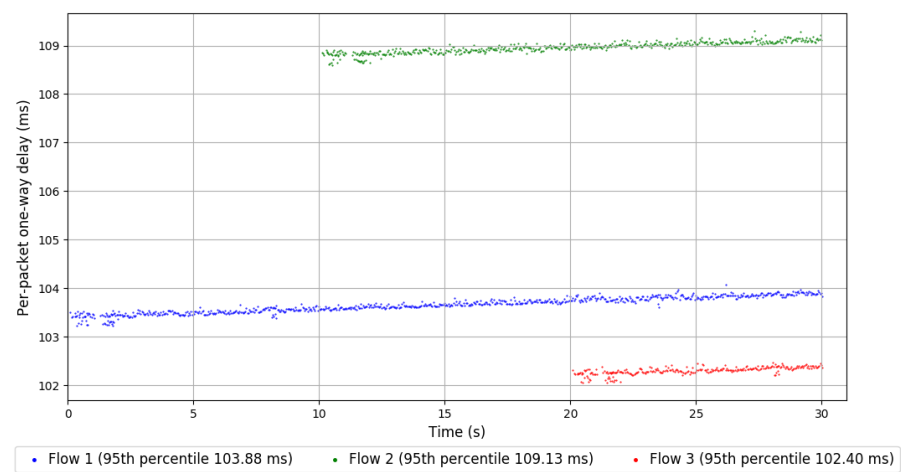
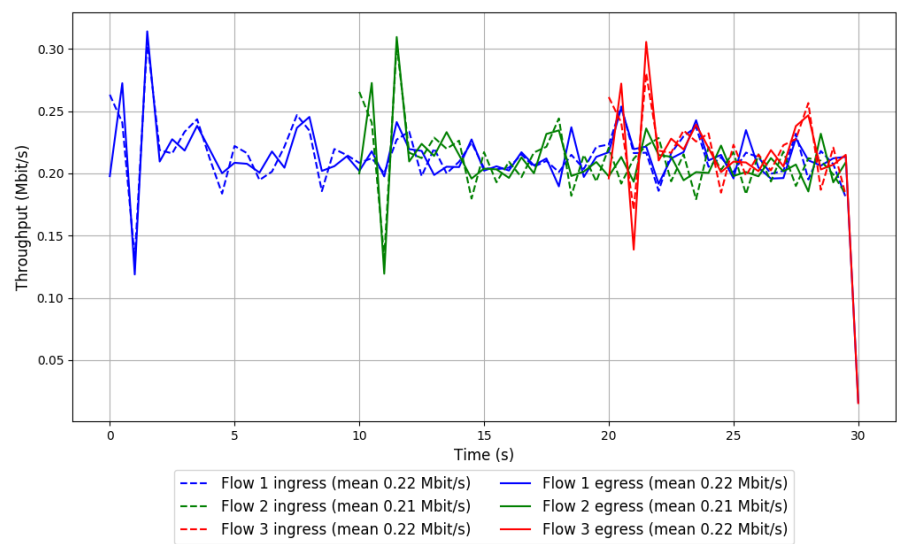


Run 5: Statistics of SCReAM

Start at: 2018-03-21 05:44:40
End at: 2018-03-21 05:45:10
Local clock offset: 4.579 ms
Remote clock offset: -5.631 ms

Below is generated by plot.py at 2018-03-21 08:18:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 109.080 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 103.884 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 109.131 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 102.400 ms
Loss rate: 0.00%

Run 5: Report of SCRaM — Data Link

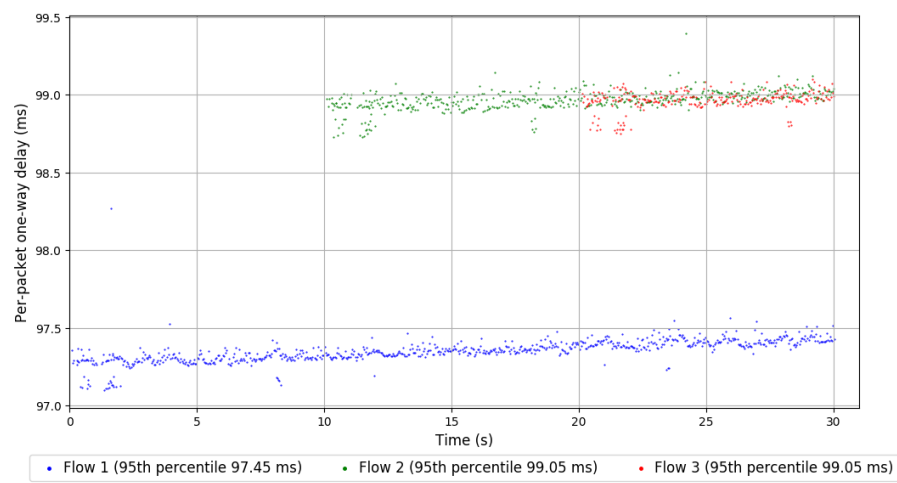
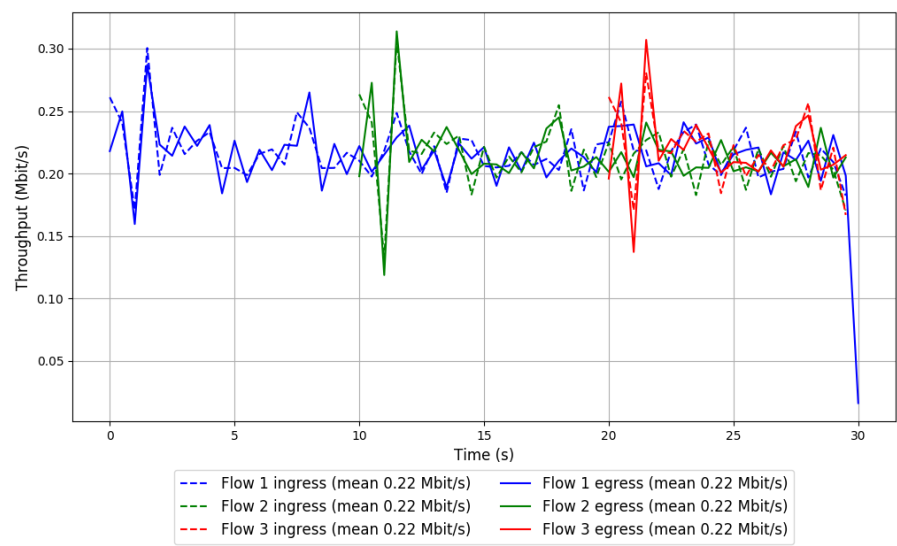


Run 6: Statistics of SReAM

Start at: 2018-03-21 06:08:45
End at: 2018-03-21 06:09:15
Local clock offset: 16.978 ms
Remote clock offset: -10.721 ms

Below is generated by plot.py at 2018-03-21 08:18:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 99.031 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 97.446 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 99.050 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 99.050 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

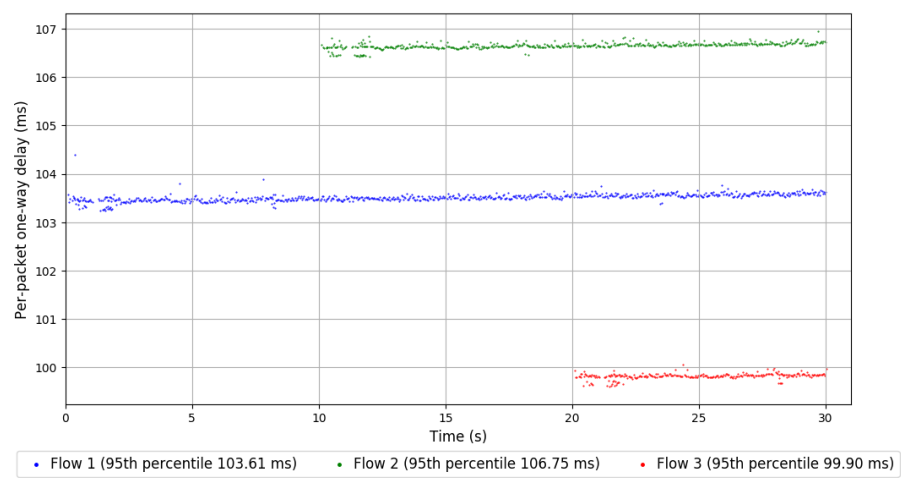
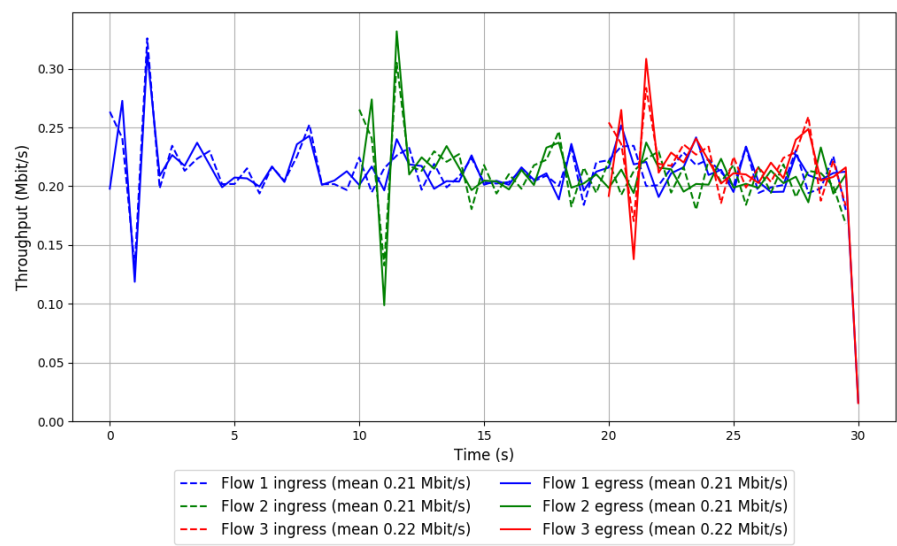


Run 7: Statistics of SReAM

Start at: 2018-03-21 06:32:56
End at: 2018-03-21 06:33:26
Local clock offset: 25.64 ms
Remote clock offset: -8.098 ms

Below is generated by plot.py at 2018-03-21 08:18:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 106.704 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 103.615 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 106.751 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 99.902 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

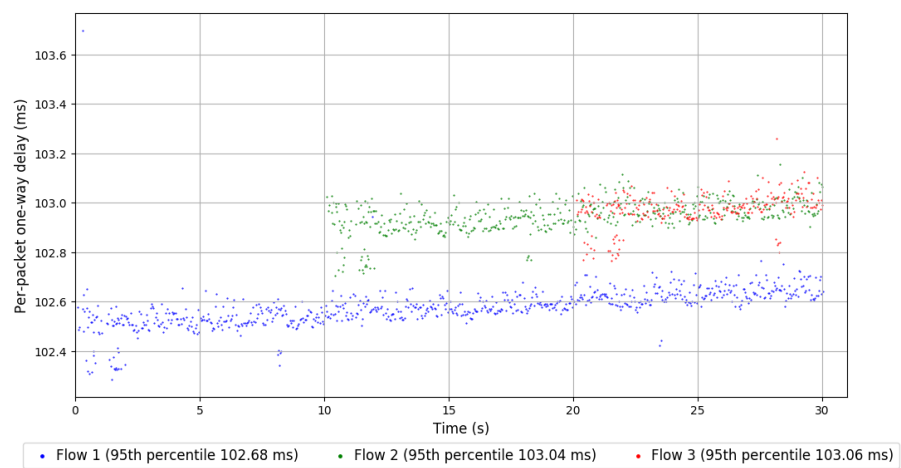
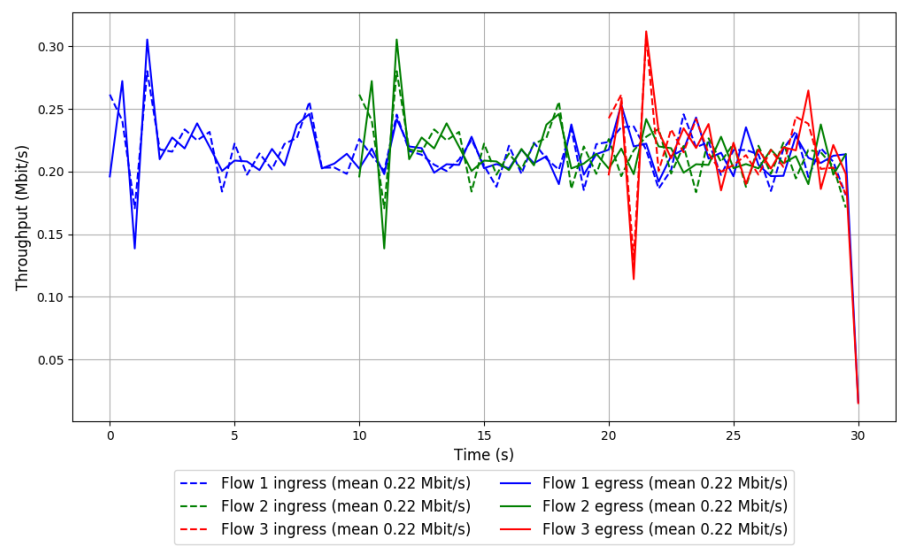


Run 8: Statistics of SReAM

Start at: 2018-03-21 06:57:06
End at: 2018-03-21 06:57:36
Local clock offset: 32.458 ms
Remote clock offset: -9.283 ms

Below is generated by plot.py at 2018-03-21 08:18:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 103.030 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 102.676 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 103.042 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 103.061 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

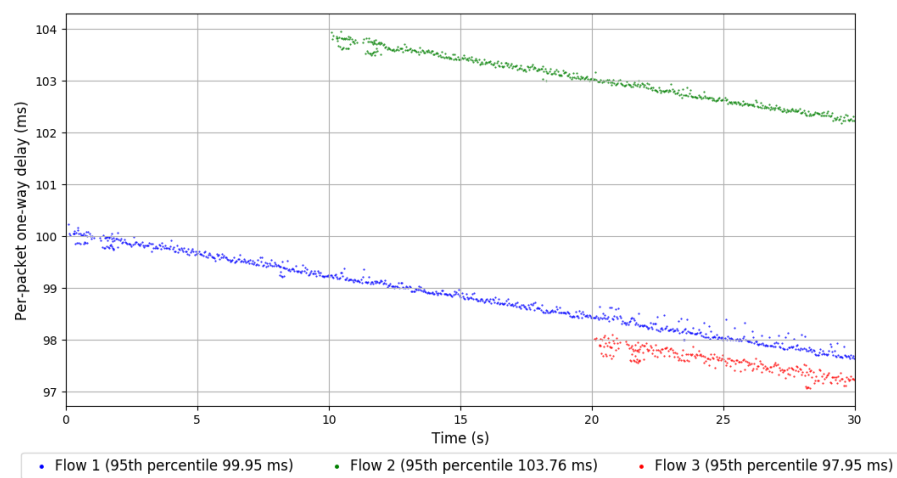
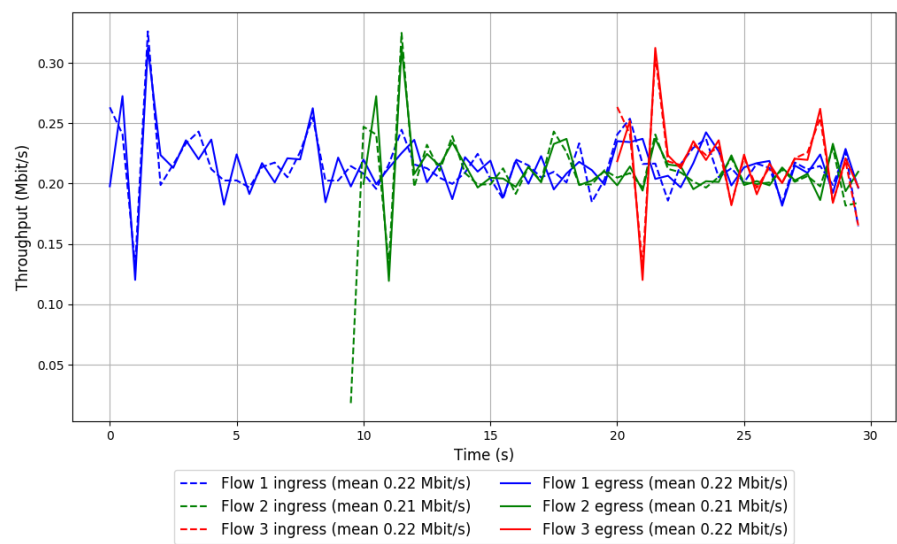


Run 9: Statistics of SReAM

Start at: 2018-03-21 07:21:12
End at: 2018-03-21 07:21:42
Local clock offset: 33.723 ms
Remote clock offset: -10.519 ms

Below is generated by plot.py at 2018-03-21 08:18:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 103.586 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 99.948 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 103.762 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 97.955 ms
Loss rate: 0.00%

Run 9: Report of SCSReAM — Data Link

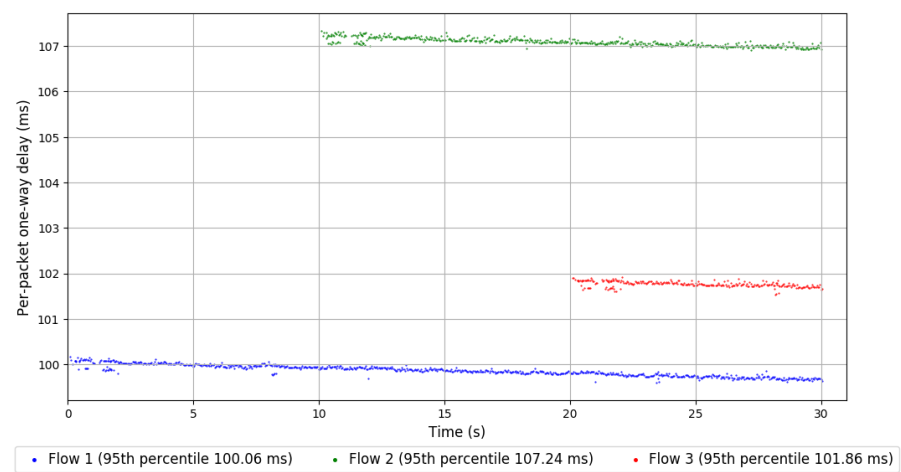
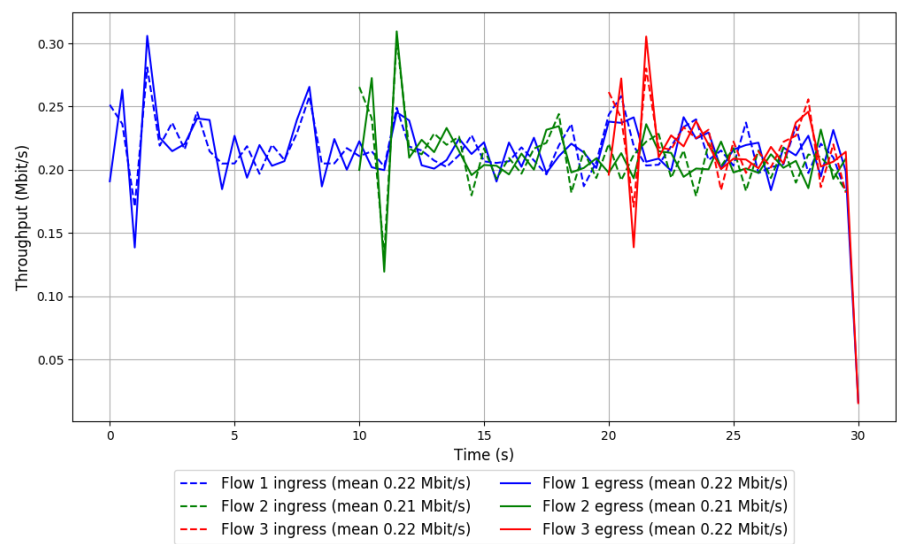


Run 10: Statistics of SReAM

Start at: 2018-03-21 07:45:23
End at: 2018-03-21 07:45:53
Local clock offset: -18.084 ms
Remote clock offset: -11.737 ms

Below is generated by plot.py at 2018-03-21 08:18:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 107.191 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 100.060 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 107.239 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 101.856 ms
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link

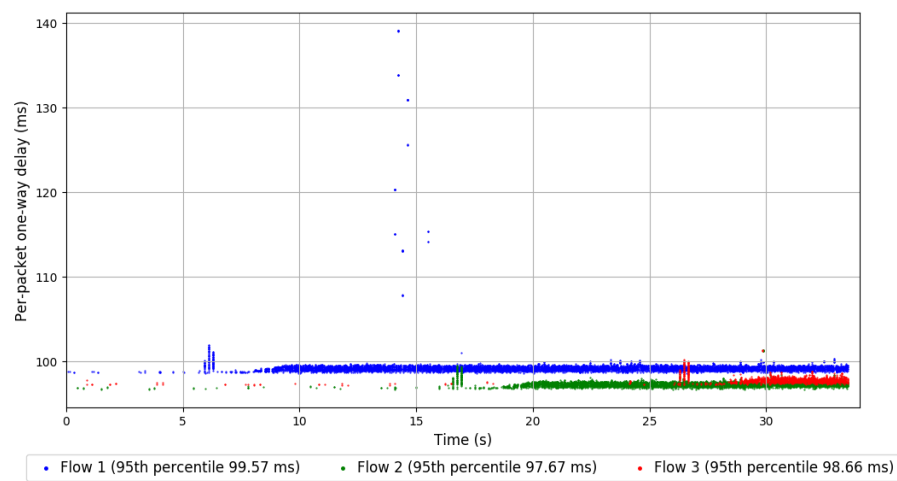
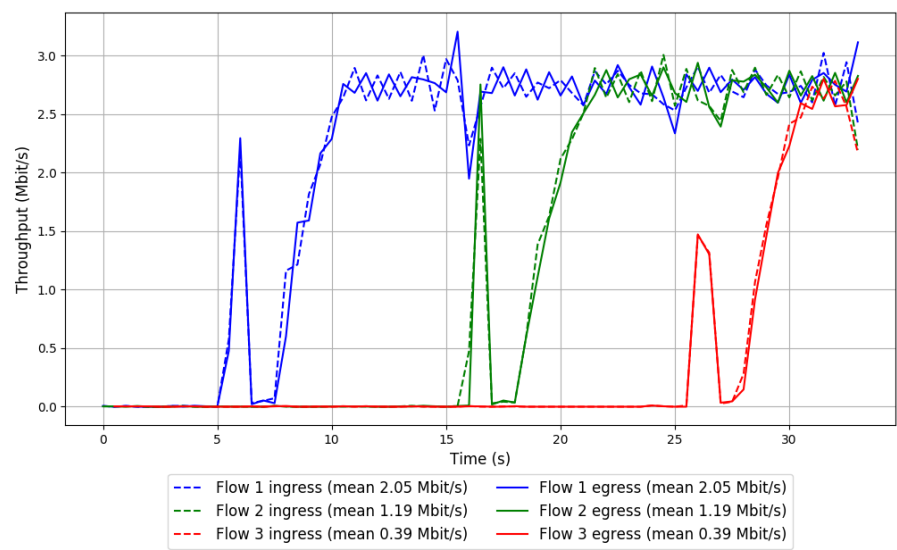


Run 1: Statistics of WebRTC media

Start at: 2018-03-21 03:47:33
End at: 2018-03-21 03:48:03
Local clock offset: -5.442 ms
Remote clock offset: -3.765 ms

Below is generated by plot.py at 2018-03-21 08:18:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.61 Mbit/s
95th percentile per-packet one-way delay: 99.514 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.05 Mbit/s
95th percentile per-packet one-way delay: 99.570 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.19 Mbit/s
95th percentile per-packet one-way delay: 97.670 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 98.664 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

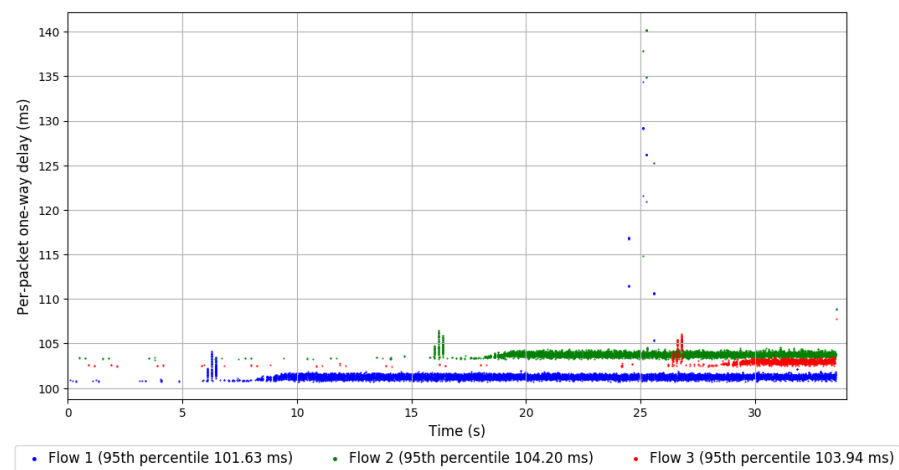
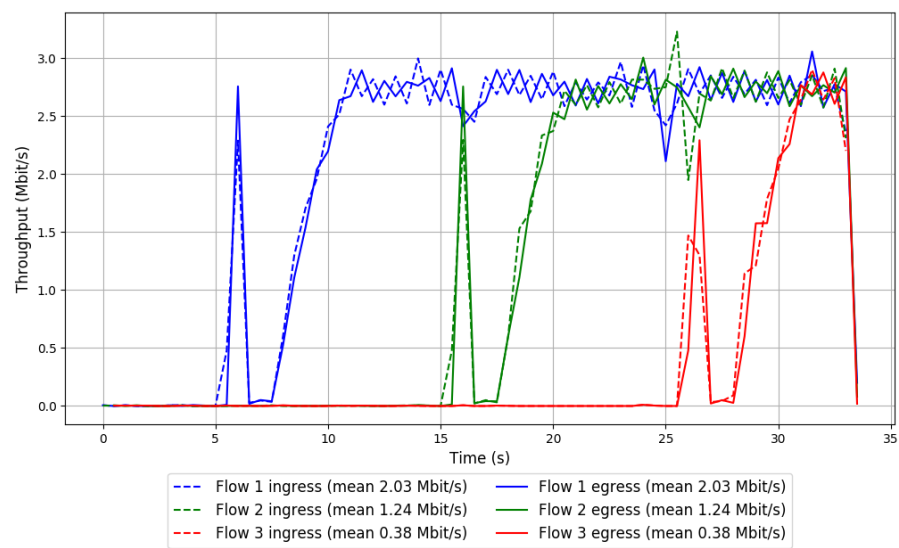


Run 2: Statistics of WebRTC media

Start at: 2018-03-21 04:11:59
End at: 2018-03-21 04:12:29
Local clock offset: -6.87 ms
Remote clock offset: -1.016 ms

Below is generated by plot.py at 2018-03-21 08:18:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.63 Mbit/s
95th percentile per-packet one-way delay: 104.076 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.03 Mbit/s
95th percentile per-packet one-way delay: 101.634 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.24 Mbit/s
95th percentile per-packet one-way delay: 104.203 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 103.937 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

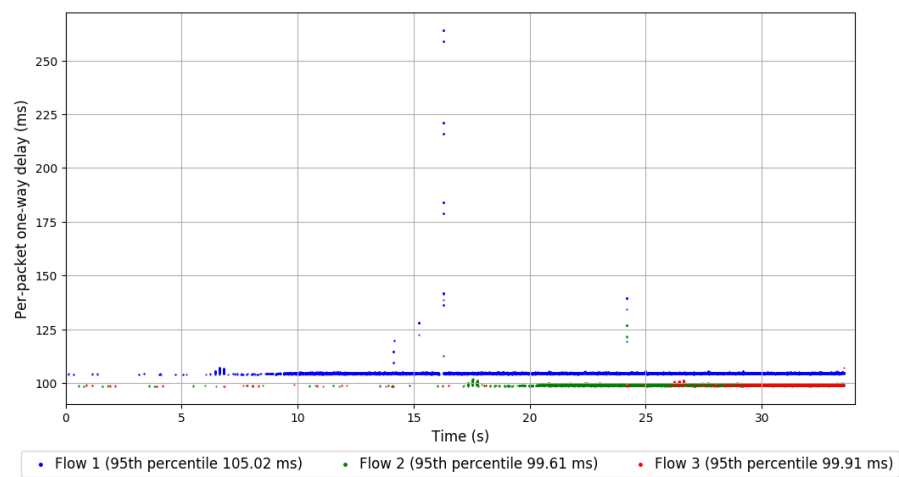
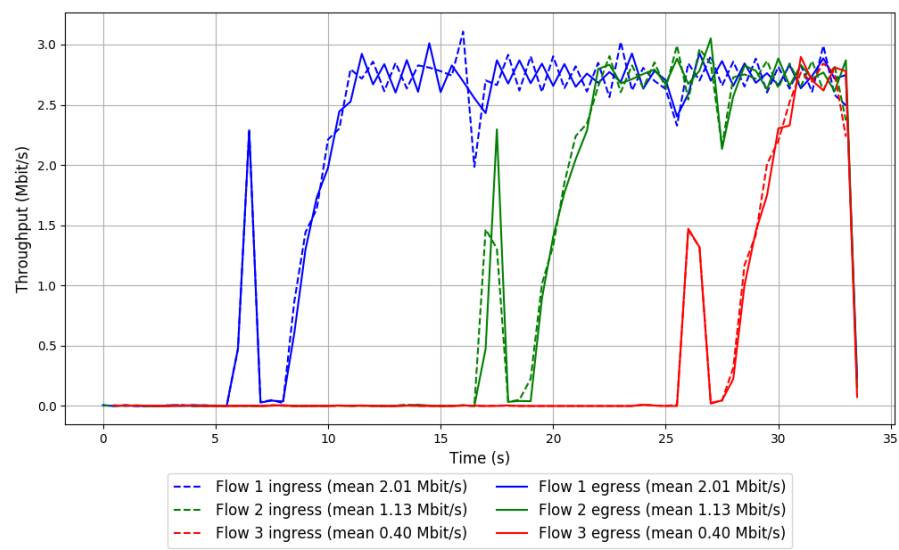


Run 3: Statistics of WebRTC media

Start at: 2018-03-21 04:36:10
End at: 2018-03-21 04:36:40
Local clock offset: -6.484 ms
Remote clock offset: -6.143 ms

Below is generated by plot.py at 2018-03-21 08:18:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.50 Mbit/s
95th percentile per-packet one-way delay: 104.945 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.01 Mbit/s
95th percentile per-packet one-way delay: 105.015 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.13 Mbit/s
95th percentile per-packet one-way delay: 99.606 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 99.909 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2018-03-21 05:00:14

End at: 2018-03-21 05:00:44

Local clock offset: -5.838 ms

Remote clock offset: -7.25 ms

Below is generated by plot.py at 2018-03-21 08:18:34

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.58 Mbit/s

95th percentile per-packet one-way delay: 99.869 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.02 Mbit/s

95th percentile per-packet one-way delay: 97.899 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.23 Mbit/s

95th percentile per-packet one-way delay: 98.366 ms

Loss rate: 0.00%

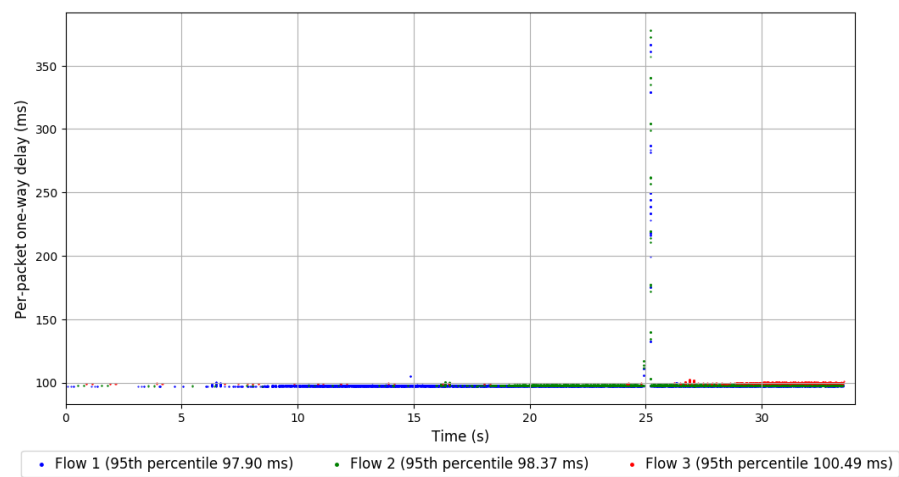
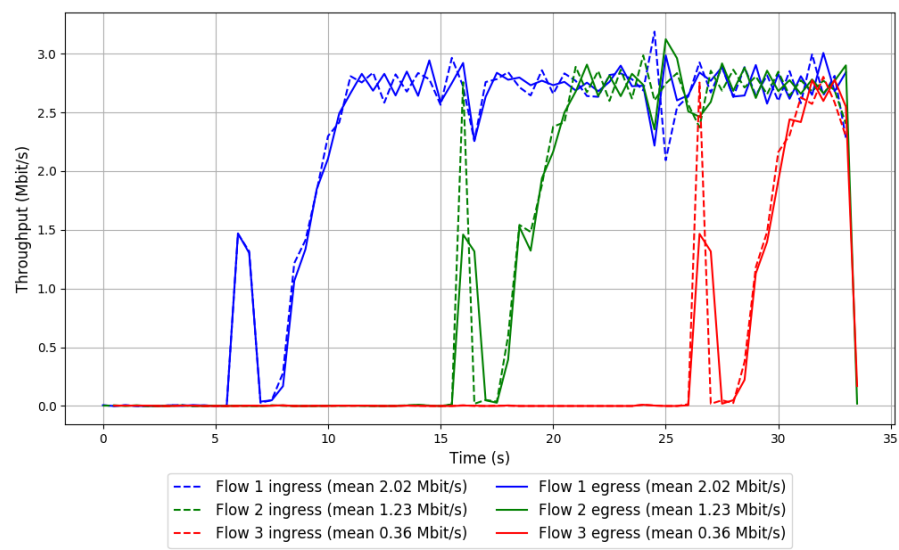
-- Flow 3:

Average throughput: 0.36 Mbit/s

95th percentile per-packet one-way delay: 100.492 ms

Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

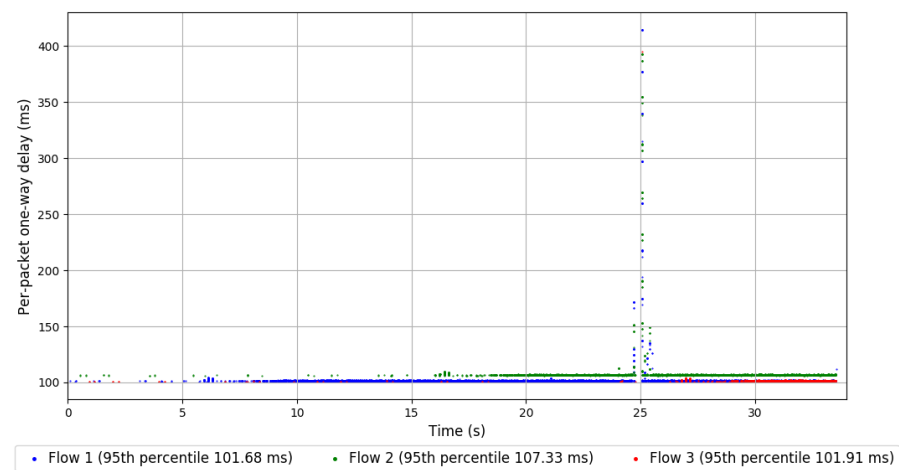
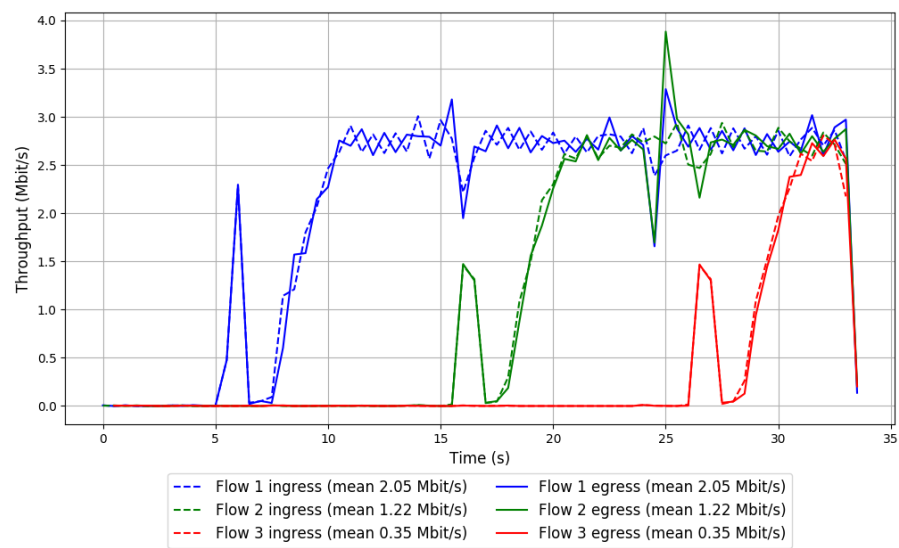


Run 5: Statistics of WebRTC media

Start at: 2018-03-21 05:24:27
End at: 2018-03-21 05:24:57
Local clock offset: -6.652 ms
Remote clock offset: -4.543 ms

Below is generated by plot.py at 2018-03-21 08:18:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.60 Mbit/s
95th percentile per-packet one-way delay: 106.815 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.05 Mbit/s
95th percentile per-packet one-way delay: 101.677 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.22 Mbit/s
95th percentile per-packet one-way delay: 107.325 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 101.911 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

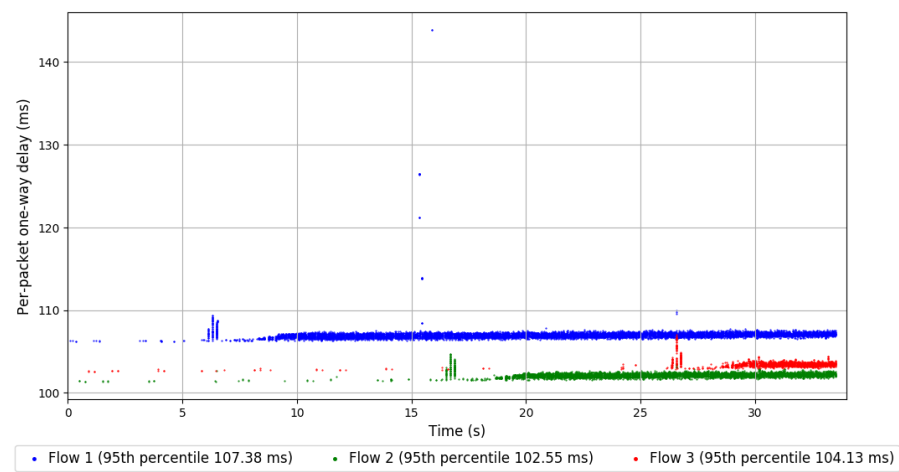
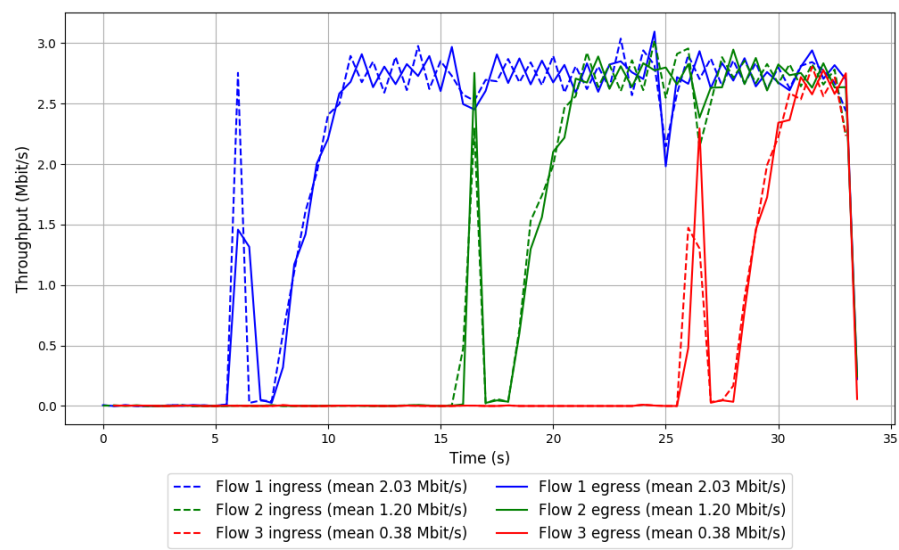


Run 6: Statistics of WebRTC media

Start at: 2018-03-21 05:48:38
End at: 2018-03-21 05:49:08
Local clock offset: 8.285 ms
Remote clock offset: -5.842 ms

Below is generated by plot.py at 2018-03-21 08:18:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.59 Mbit/s
95th percentile per-packet one-way delay: 107.310 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.03 Mbit/s
95th percentile per-packet one-way delay: 107.376 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.20 Mbit/s
95th percentile per-packet one-way delay: 102.547 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 104.131 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

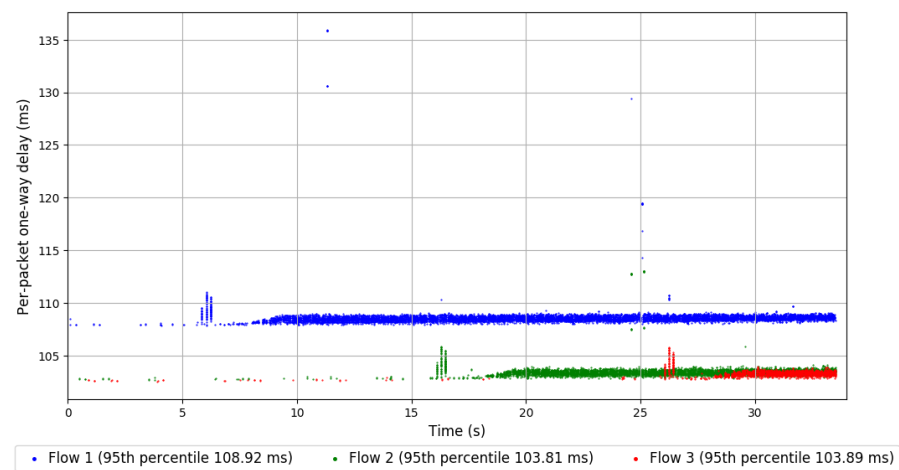
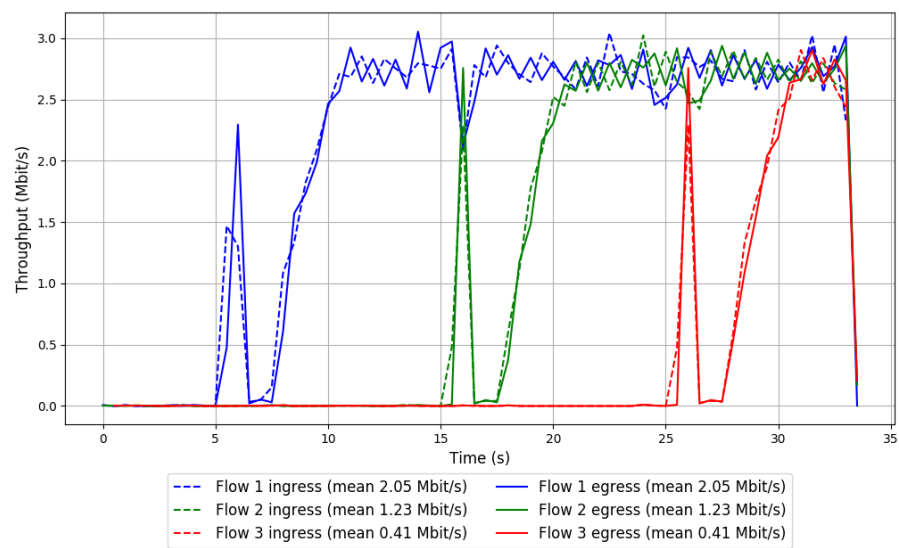


Run 7: Statistics of WebRTC media

Start at: 2018-03-21 06:12:46
End at: 2018-03-21 06:13:16
Local clock offset: 18.435 ms
Remote clock offset: -7.075 ms

Below is generated by plot.py at 2018-03-21 08:18:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.67 Mbit/s
95th percentile per-packet one-way delay: 108.866 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.05 Mbit/s
95th percentile per-packet one-way delay: 108.918 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.23 Mbit/s
95th percentile per-packet one-way delay: 103.807 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 103.892 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

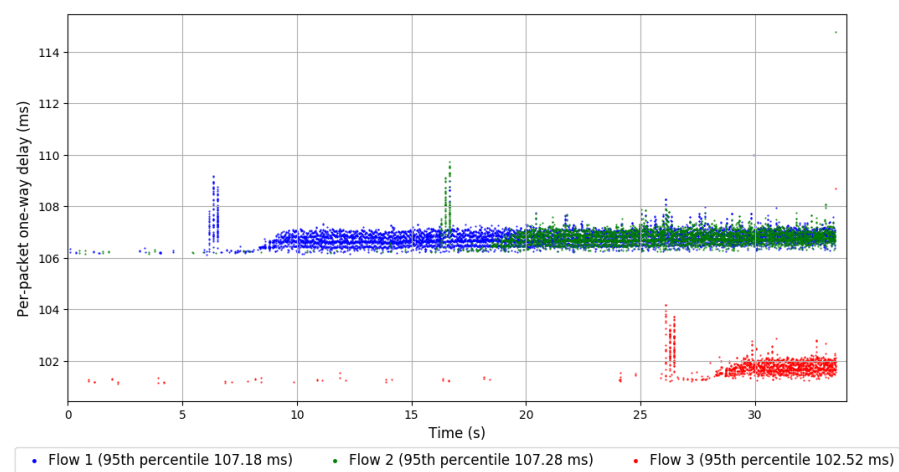
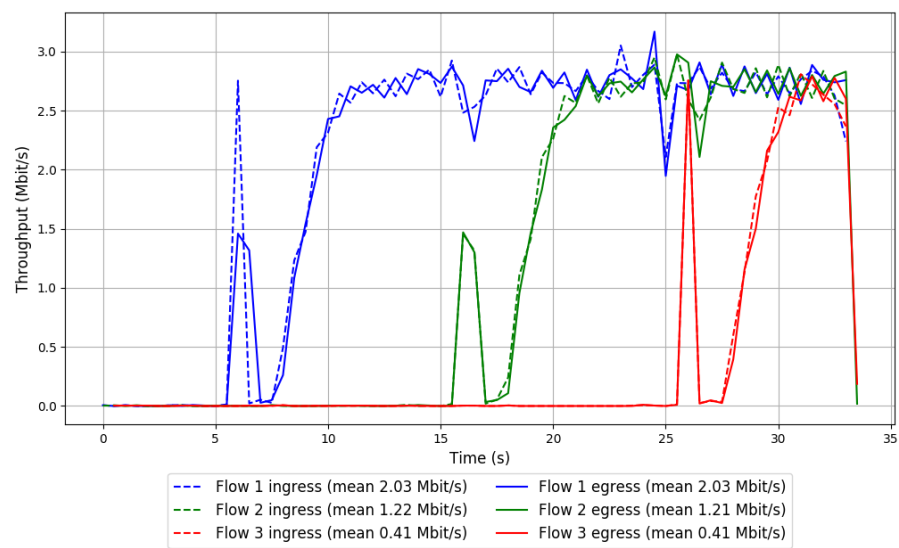


Run 8: Statistics of WebRTC media

Start at: 2018-03-21 06:36:55
End at: 2018-03-21 06:37:26
Local clock offset: 26.75 ms
Remote clock offset: -8.252 ms

Below is generated by plot.py at 2018-03-21 08:18:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.62 Mbit/s
95th percentile per-packet one-way delay: 107.196 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 2.03 Mbit/s
95th percentile per-packet one-way delay: 107.181 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.21 Mbit/s
95th percentile per-packet one-way delay: 107.282 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 102.517 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

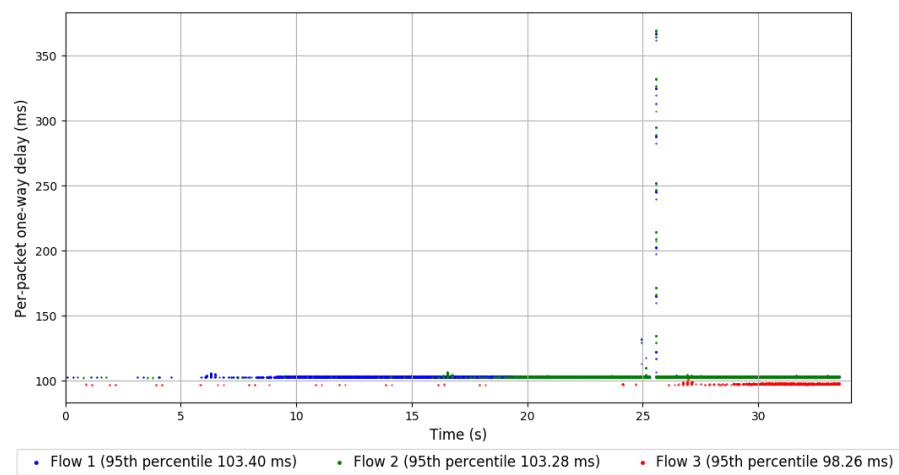
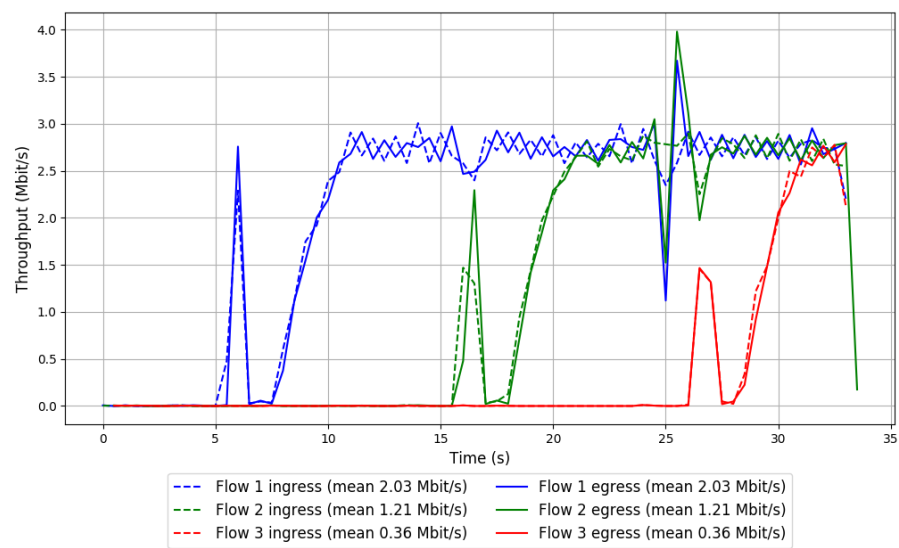


Run 9: Statistics of WebRTC media

Start at: 2018-03-21 07:01:06
End at: 2018-03-21 07:01:36
Local clock offset: 33.494 ms
Remote clock offset: -13.404 ms

Below is generated by plot.py at 2018-03-21 08:18:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.57 Mbit/s
95th percentile per-packet one-way delay: 103.355 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.03 Mbit/s
95th percentile per-packet one-way delay: 103.404 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.21 Mbit/s
95th percentile per-packet one-way delay: 103.284 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 98.257 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link

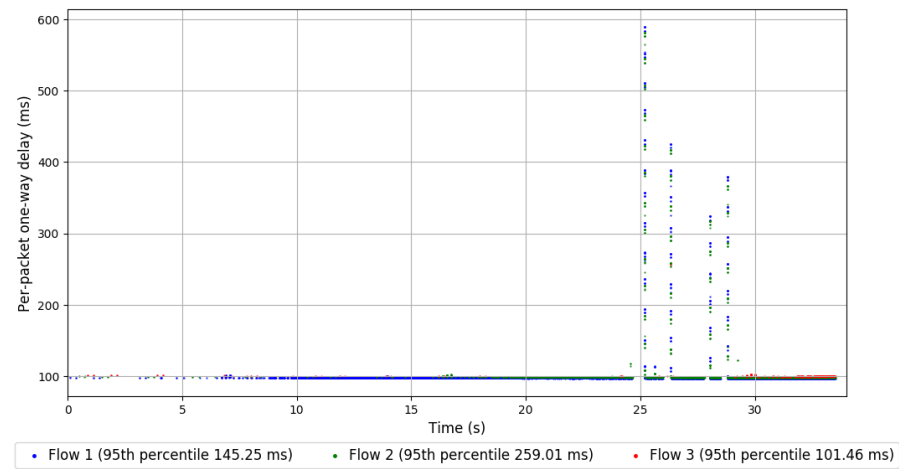
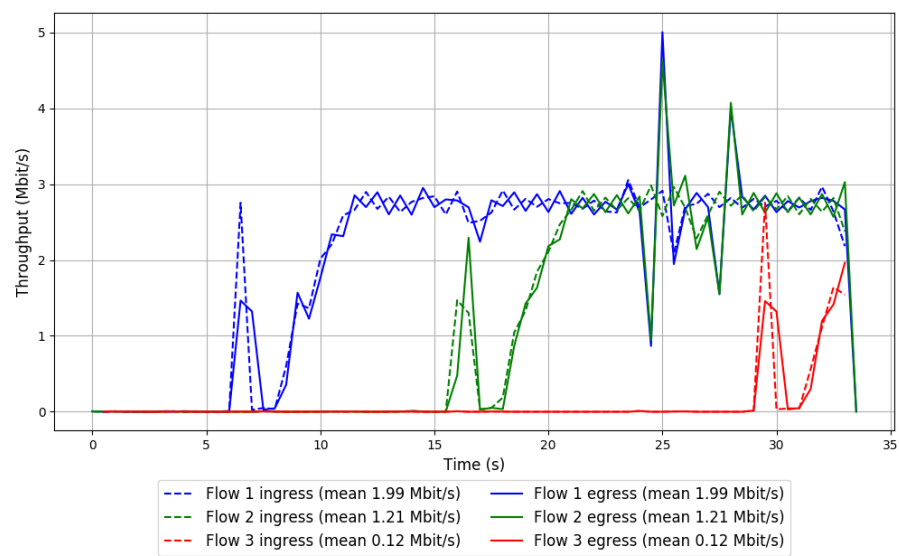


Run 10: Statistics of WebRTC media

Start at: 2018-03-21 07:25:13
End at: 2018-03-21 07:25:43
Local clock offset: 15.597 ms
Remote clock offset: -10.726 ms

Below is generated by plot.py at 2018-03-21 08:18:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.30 Mbit/s
95th percentile per-packet one-way delay: 191.700 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.99 Mbit/s
95th percentile per-packet one-way delay: 145.252 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.21 Mbit/s
95th percentile per-packet one-way delay: 259.012 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 101.460 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

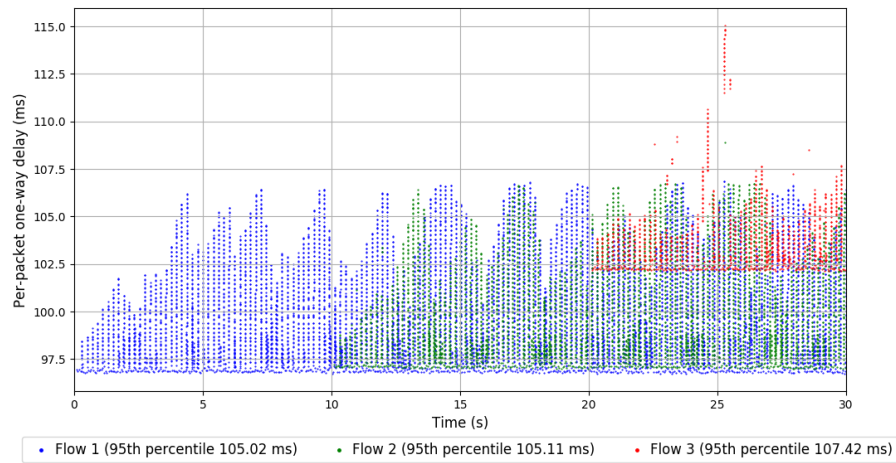
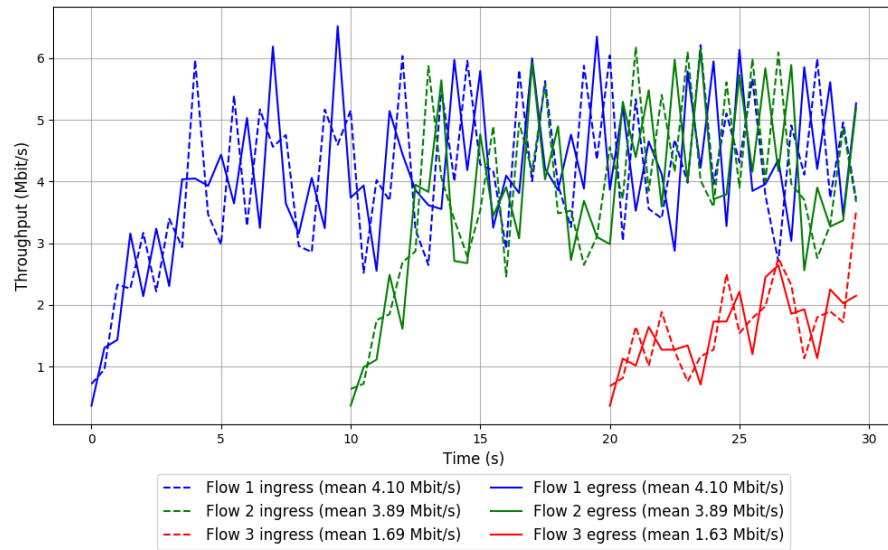


Run 1: Statistics of Sprout

Start at: 2018-03-21 03:54:12
End at: 2018-03-21 03:54:42
Local clock offset: -5.311 ms
Remote clock offset: -4.097 ms

Below is generated by plot.py at 2018-03-21 08:18:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 7.22 Mbit/s
95th percentile per-packet one-way delay: 105.303 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 4.10 Mbit/s
95th percentile per-packet one-way delay: 105.023 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.89 Mbit/s
95th percentile per-packet one-way delay: 105.110 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.63 Mbit/s
95th percentile per-packet one-way delay: 107.420 ms
Loss rate: 4.13%

Run 1: Report of Sprout — Data Link

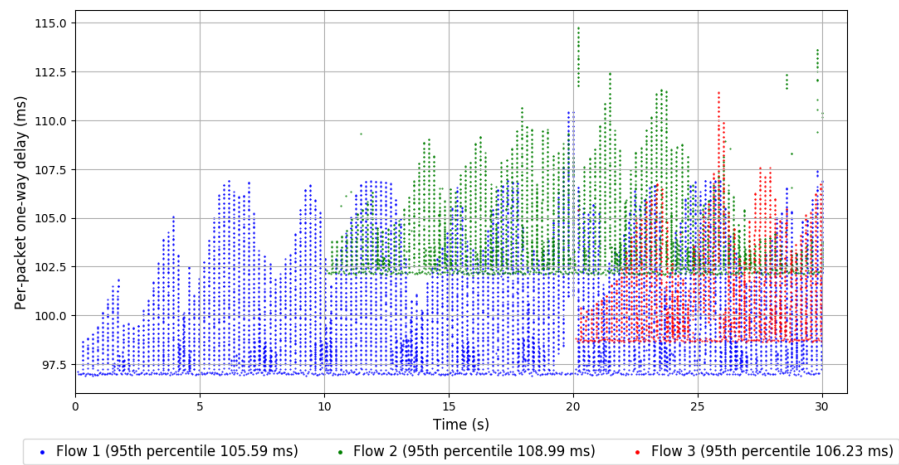
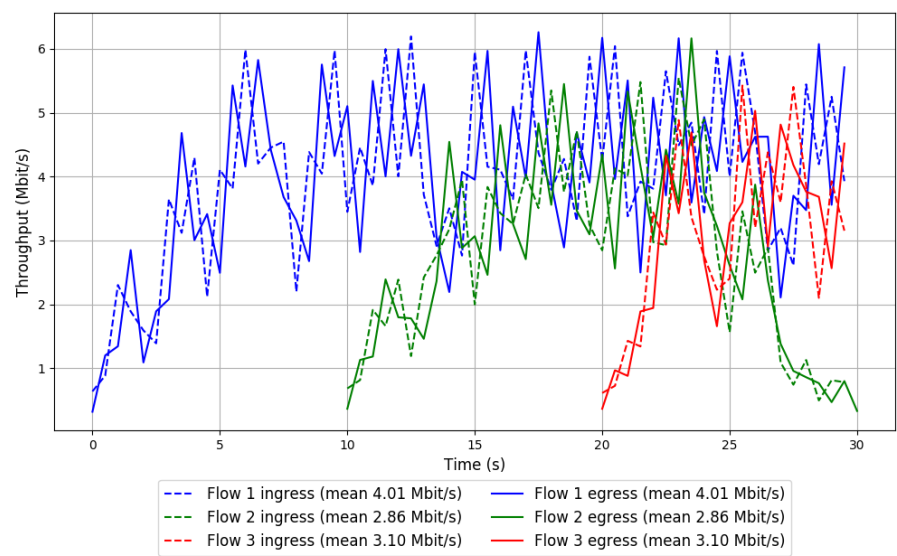


Run 2: Statistics of Sprout

Start at: 2018-03-21 04:18:35
End at: 2018-03-21 04:19:05
Local clock offset: -7.027 ms
Remote clock offset: -5.24 ms

Below is generated by plot.py at 2018-03-21 08:18:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 6.93 Mbit/s
95th percentile per-packet one-way delay: 107.204 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.01 Mbit/s
95th percentile per-packet one-way delay: 105.588 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 2.86 Mbit/s
95th percentile per-packet one-way delay: 108.990 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.10 Mbit/s
95th percentile per-packet one-way delay: 106.232 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

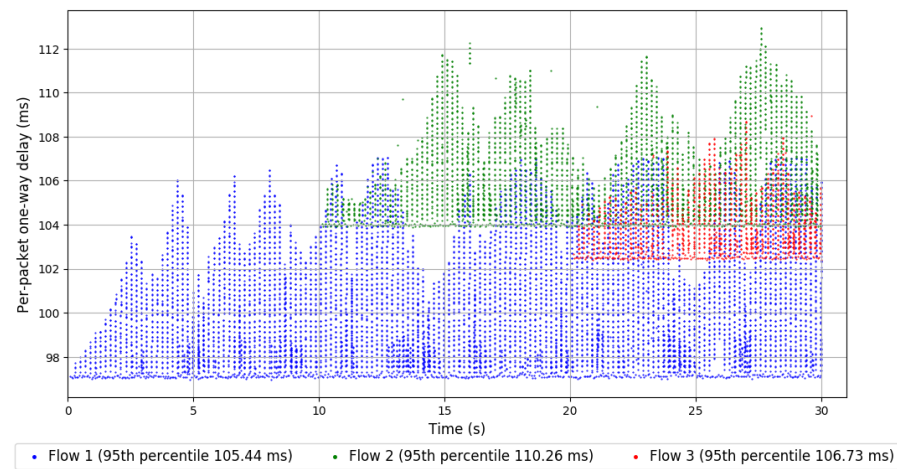
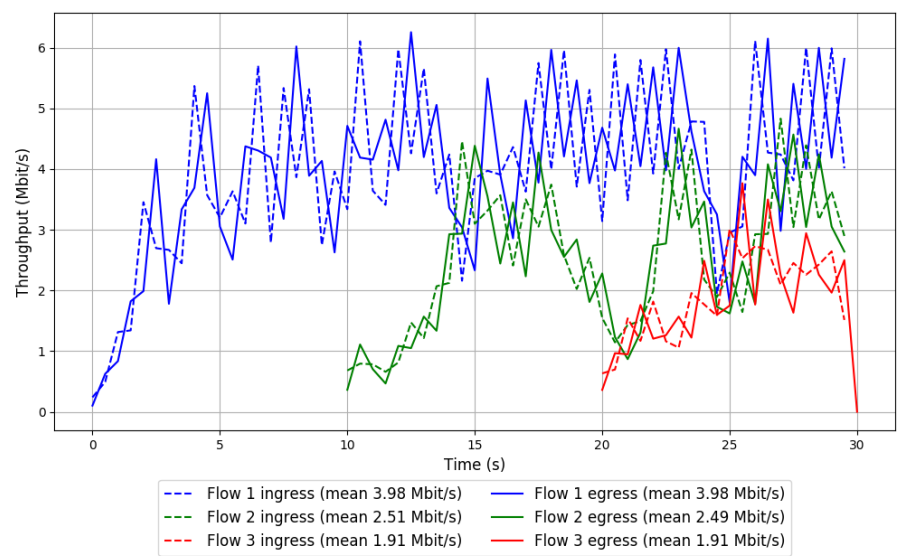


Run 3: Statistics of Sprout

Start at: 2018-03-21 04:42:48
End at: 2018-03-21 04:43:18
Local clock offset: -6.142 ms
Remote clock offset: -6.506 ms

```
# Below is generated by plot.py at 2018-03-21 08:18:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 6.27 Mbit/s
95th percentile per-packet one-way delay: 108.325 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 3.98 Mbit/s
95th percentile per-packet one-way delay: 105.440 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 2.49 Mbit/s
95th percentile per-packet one-way delay: 110.257 ms
Loss rate: 1.11%
-- Flow 3:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 106.726 ms
Loss rate: 0.00%
```


Run 3: Report of Sprout — Data Link

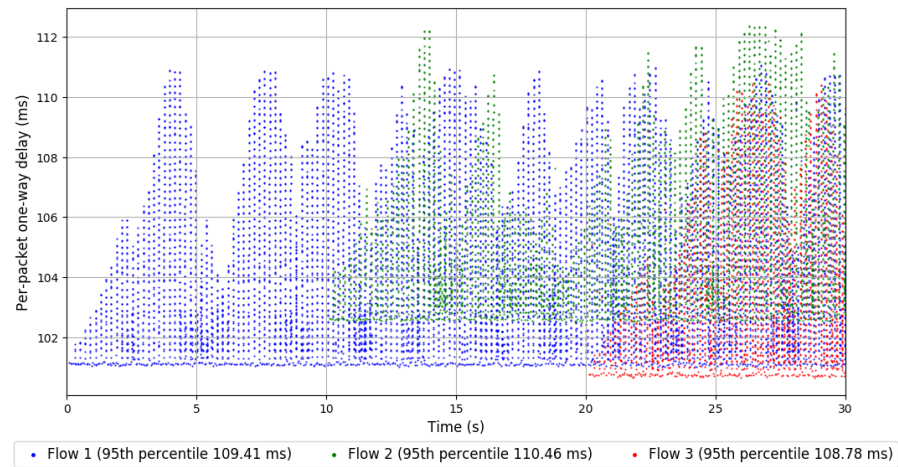
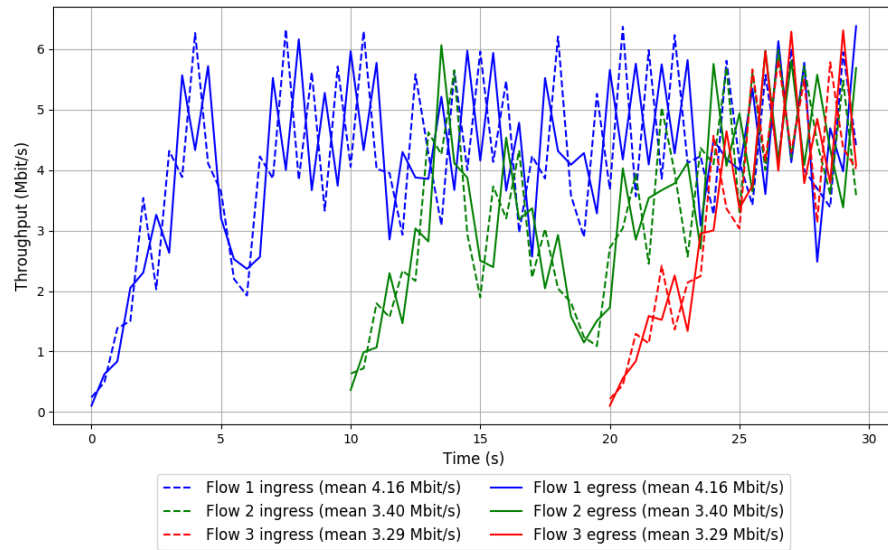


Run 4: Statistics of Sprout

Start at: 2018-03-21 05:06:53
End at: 2018-03-21 05:07:23
Local clock offset: -6.082 ms
Remote clock offset: -3.715 ms

```
# Below is generated by plot.py at 2018-03-21 08:18:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.50 Mbit/s
95th percentile per-packet one-way delay: 109.632 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.16 Mbit/s
95th percentile per-packet one-way delay: 109.406 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.40 Mbit/s
95th percentile per-packet one-way delay: 110.457 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.29 Mbit/s
95th percentile per-packet one-way delay: 108.783 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

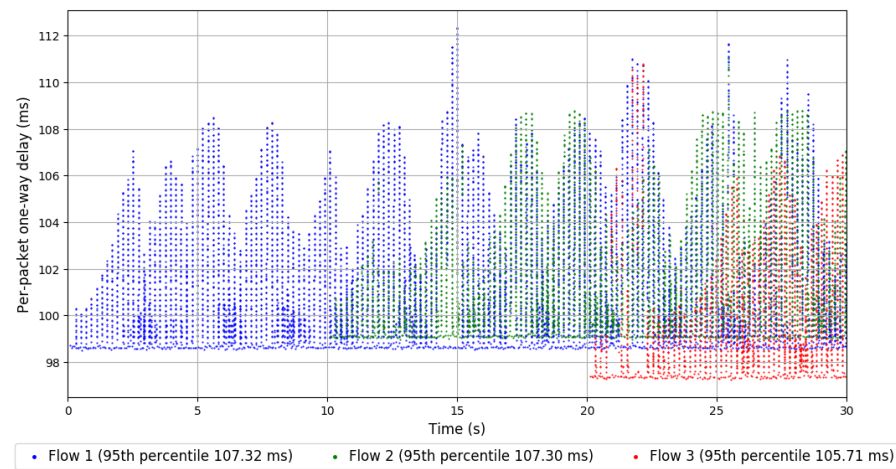
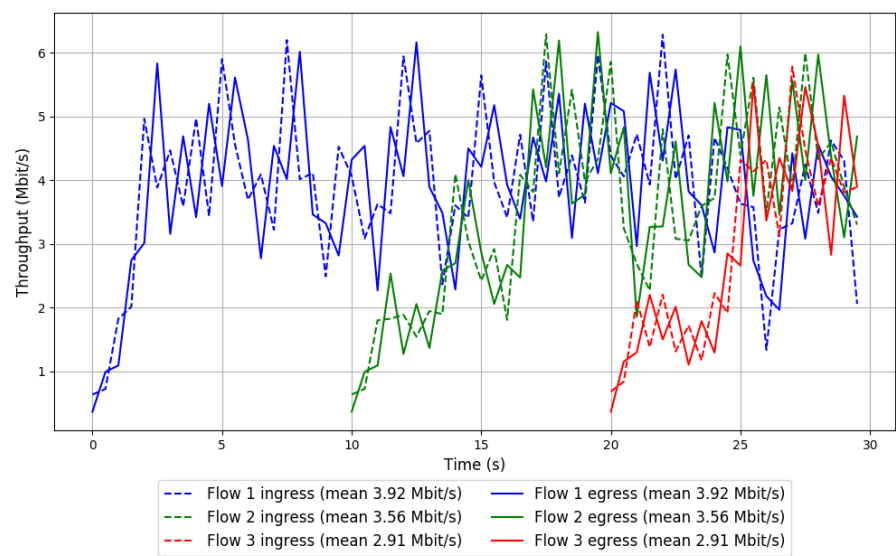


Run 5: Statistics of Sprout

Start at: 2018-03-21 05:31:05
End at: 2018-03-21 05:31:35
Local clock offset: -6.741 ms
Remote clock offset: -8.866 ms

```
# Below is generated by plot.py at 2018-03-21 08:18:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.24 Mbit/s
95th percentile per-packet one-way delay: 107.178 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.92 Mbit/s
95th percentile per-packet one-way delay: 107.323 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.56 Mbit/s
95th percentile per-packet one-way delay: 107.295 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.91 Mbit/s
95th percentile per-packet one-way delay: 105.714 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

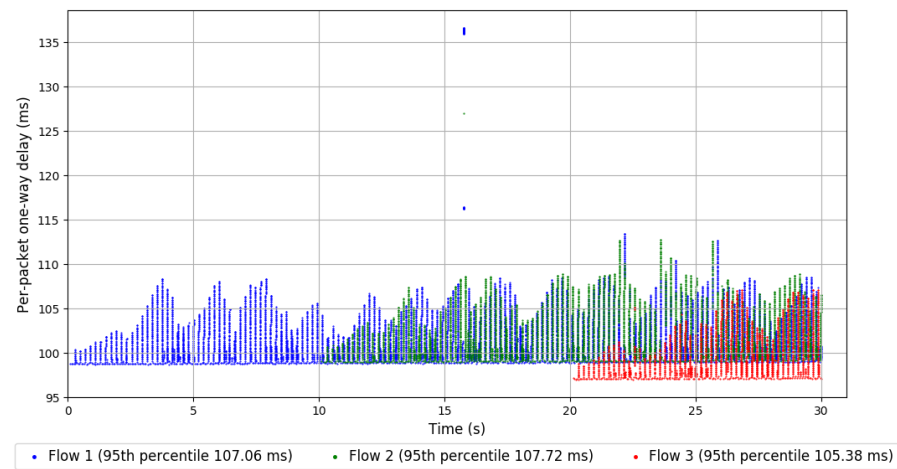
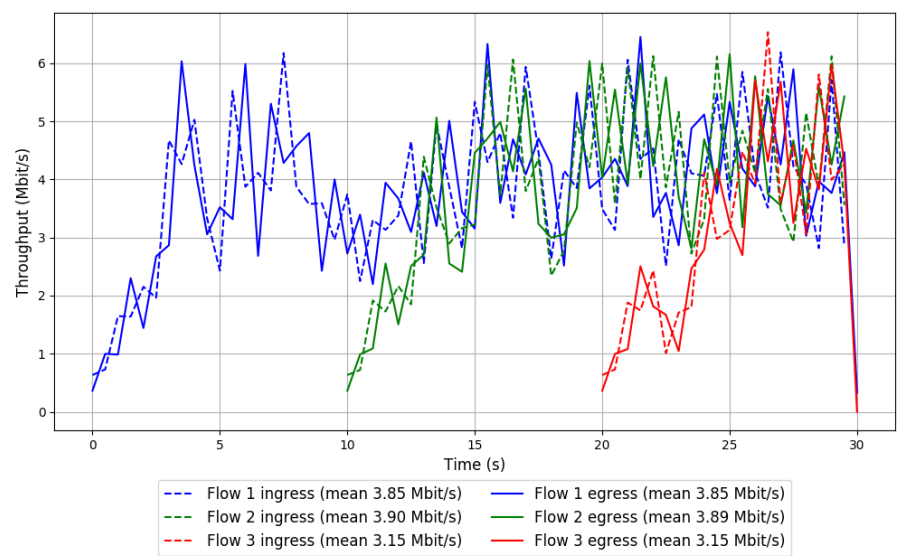


Run 6: Statistics of Sprout

Start at: 2018-03-21 05:55:16
End at: 2018-03-21 05:55:46
Local clock offset: 12.216 ms
Remote clock offset: -9.987 ms

Below is generated by plot.py at 2018-03-21 08:18:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 7.48 Mbit/s
95th percentile per-packet one-way delay: 107.154 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.85 Mbit/s
95th percentile per-packet one-way delay: 107.060 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.89 Mbit/s
95th percentile per-packet one-way delay: 107.720 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.15 Mbit/s
95th percentile per-packet one-way delay: 105.376 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

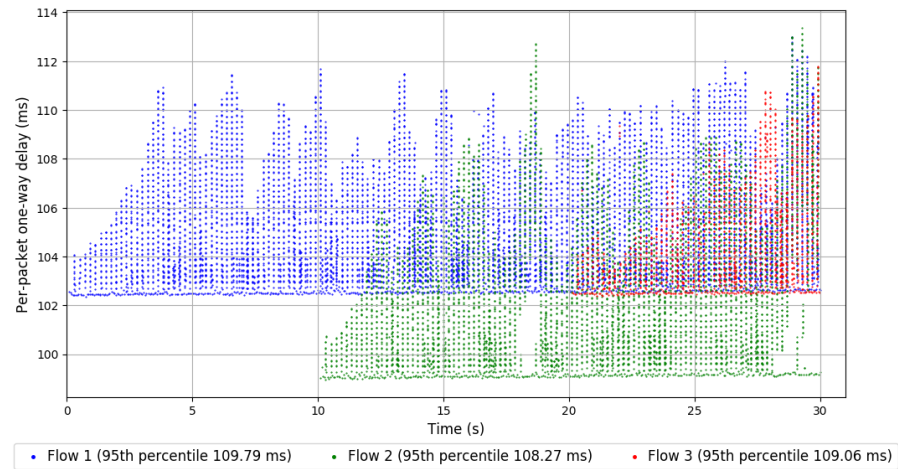
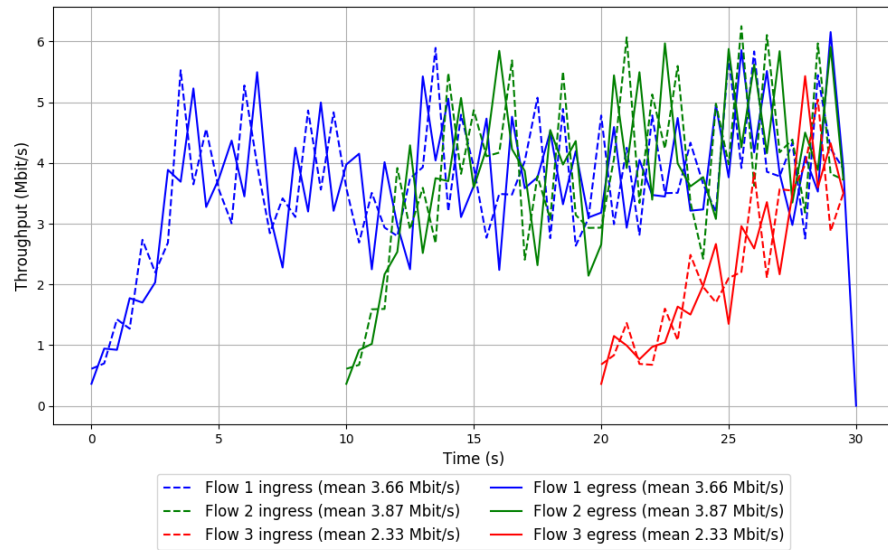


Run 7: Statistics of Sprout

Start at: 2018-03-21 06:19:25
End at: 2018-03-21 06:19:55
Local clock offset: 21.265 ms
Remote clock offset: -11.247 ms

Below is generated by plot.py at 2018-03-21 08:18:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 7.00 Mbit/s
95th percentile per-packet one-way delay: 109.414 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.66 Mbit/s
95th percentile per-packet one-way delay: 109.787 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.87 Mbit/s
95th percentile per-packet one-way delay: 108.265 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 109.059 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

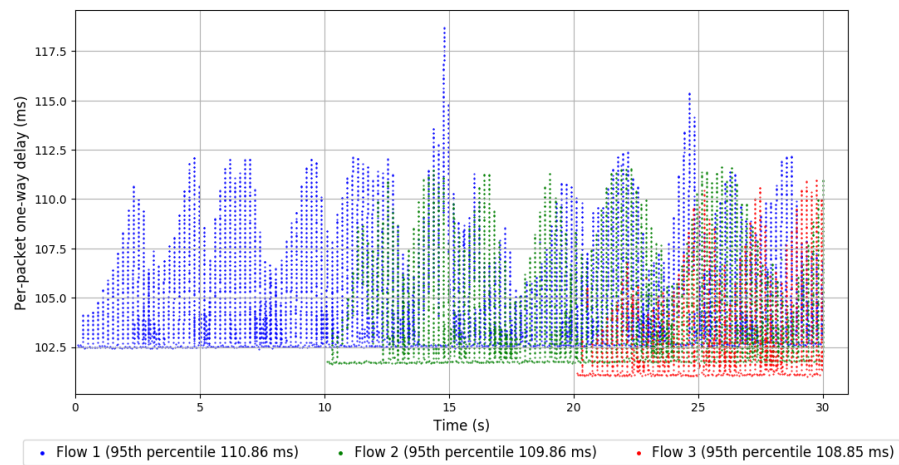
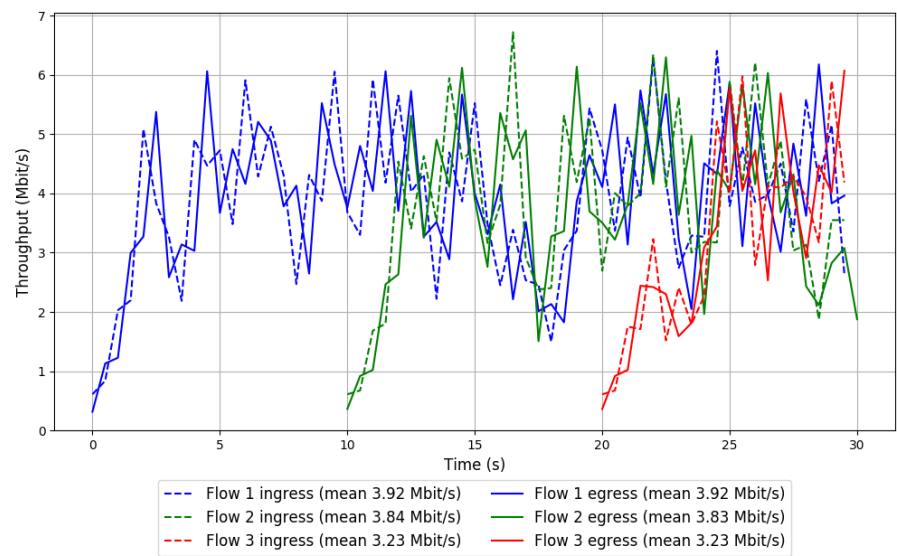


Run 8: Statistics of Sprout

Start at: 2018-03-21 06:43:33
End at: 2018-03-21 06:44:03
Local clock offset: 28.727 ms
Remote clock offset: -8.612 ms

```
# Below is generated by plot.py at 2018-03-21 08:18:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.53 Mbit/s
95th percentile per-packet one-way delay: 110.337 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.92 Mbit/s
95th percentile per-packet one-way delay: 110.860 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.83 Mbit/s
95th percentile per-packet one-way delay: 109.865 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.23 Mbit/s
95th percentile per-packet one-way delay: 108.847 ms
Loss rate: 0.00%
```

Run 8: Report of Sprout — Data Link

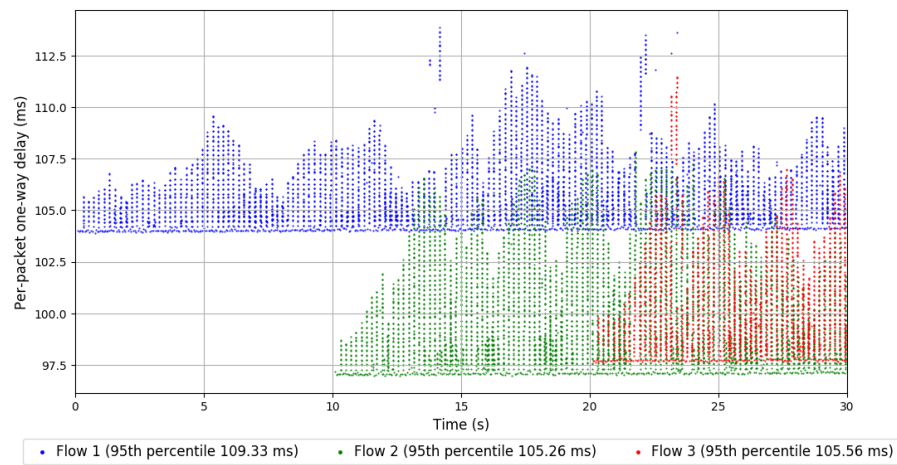
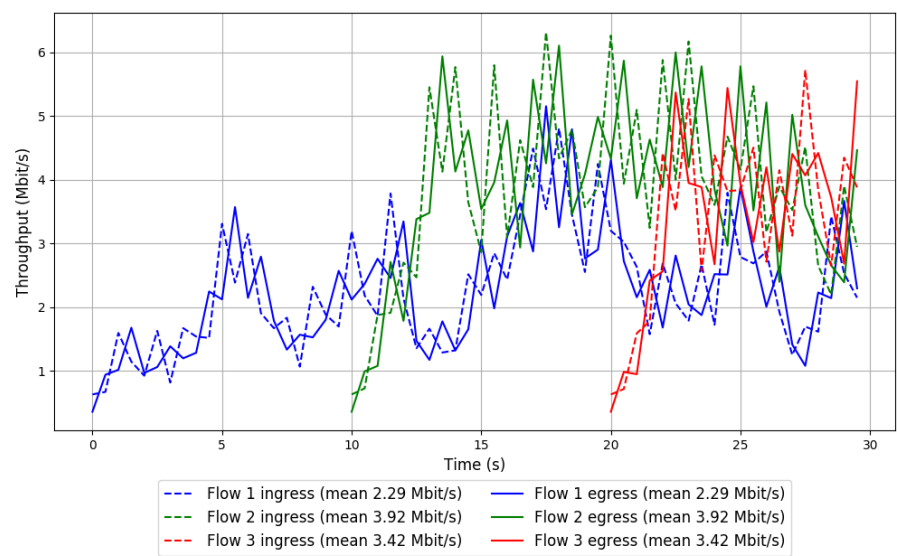


Run 9: Statistics of Sprout

Start at: 2018-03-21 07:07:44
End at: 2018-03-21 07:08:14
Local clock offset: 35.274 ms
Remote clock offset: -13.706 ms

Below is generated by plot.py at 2018-03-21 08:18:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 6.02 Mbit/s
95th percentile per-packet one-way delay: 108.044 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 109.327 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.92 Mbit/s
95th percentile per-packet one-way delay: 105.264 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.42 Mbit/s
95th percentile per-packet one-way delay: 105.565 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

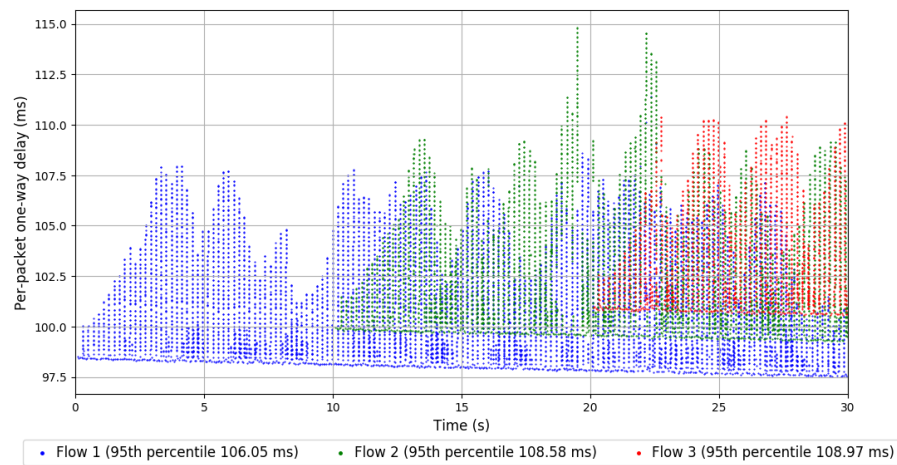
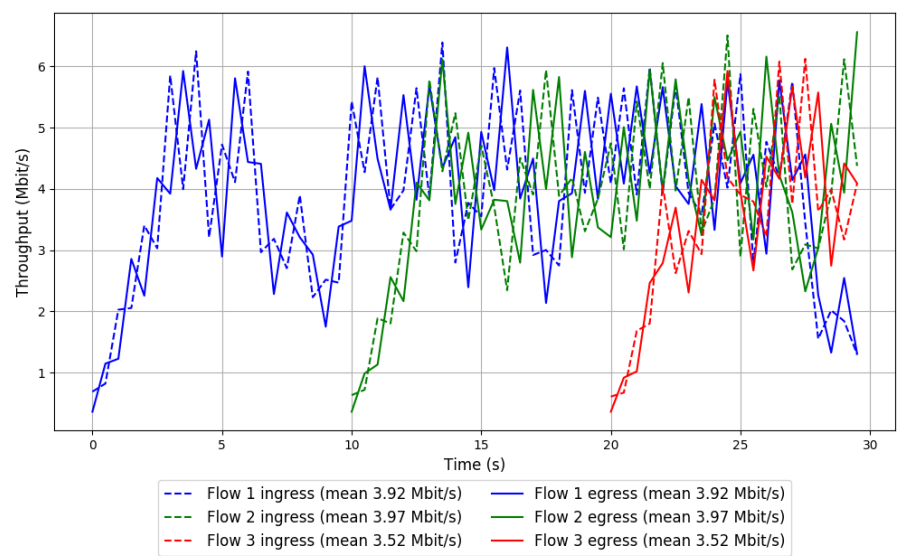


Run 10: Statistics of Sprout

Start at: 2018-03-21 07:31:50
End at: 2018-03-21 07:32:20
Local clock offset: -1.384 ms
Remote clock offset: -10.958 ms

Below is generated by plot.py at 2018-03-21 08:18:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 7.72 Mbit/s
95th percentile per-packet one-way delay: 107.669 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.92 Mbit/s
95th percentile per-packet one-way delay: 106.051 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.97 Mbit/s
95th percentile per-packet one-way delay: 108.578 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.52 Mbit/s
95th percentile per-packet one-way delay: 108.975 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

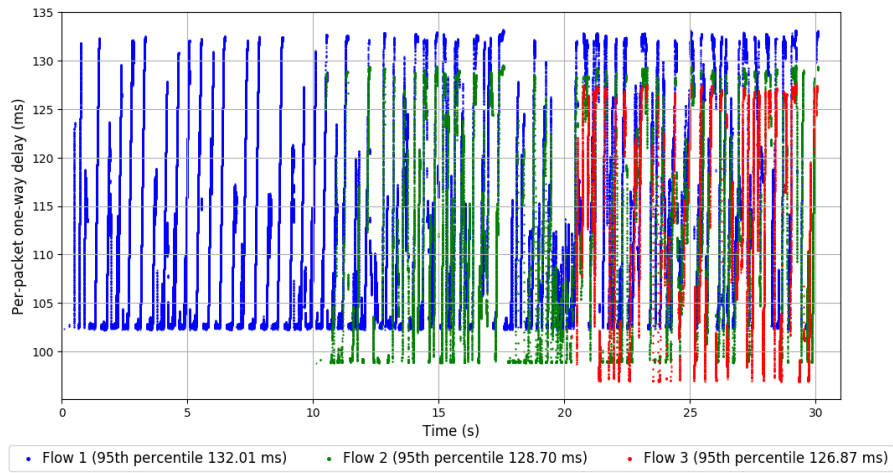
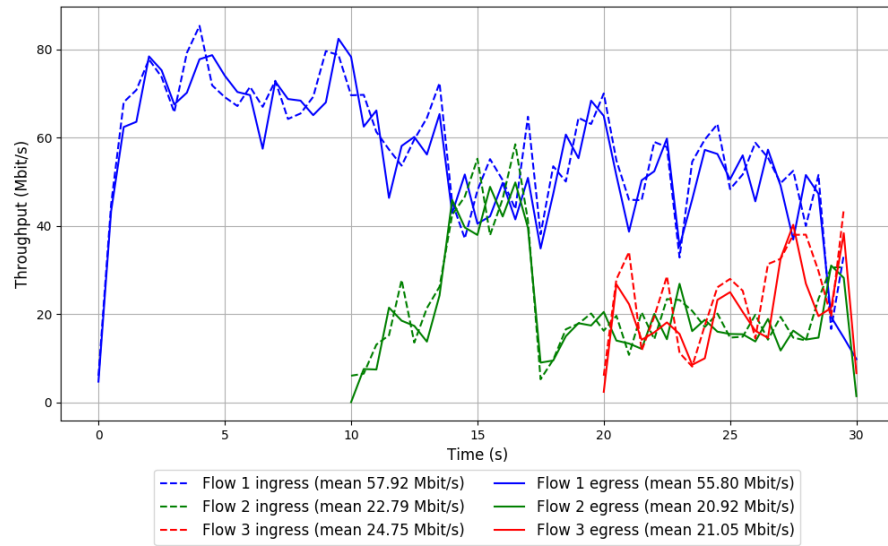


Run 1: Statistics of TaoVA-100x

Start at: 2018-03-21 03:46:10
End at: 2018-03-21 03:46:40
Local clock offset: -5.473 ms
Remote clock offset: -3.707 ms

Below is generated by plot.py at 2018-03-21 08:20:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.72 Mbit/s
95th percentile per-packet one-way delay: 131.761 ms
Loss rate: 5.52%
-- Flow 1:
Average throughput: 55.80 Mbit/s
95th percentile per-packet one-way delay: 132.006 ms
Loss rate: 3.56%
-- Flow 2:
Average throughput: 20.92 Mbit/s
95th percentile per-packet one-way delay: 128.700 ms
Loss rate: 8.04%
-- Flow 3:
Average throughput: 21.05 Mbit/s
95th percentile per-packet one-way delay: 126.866 ms
Loss rate: 14.71%

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

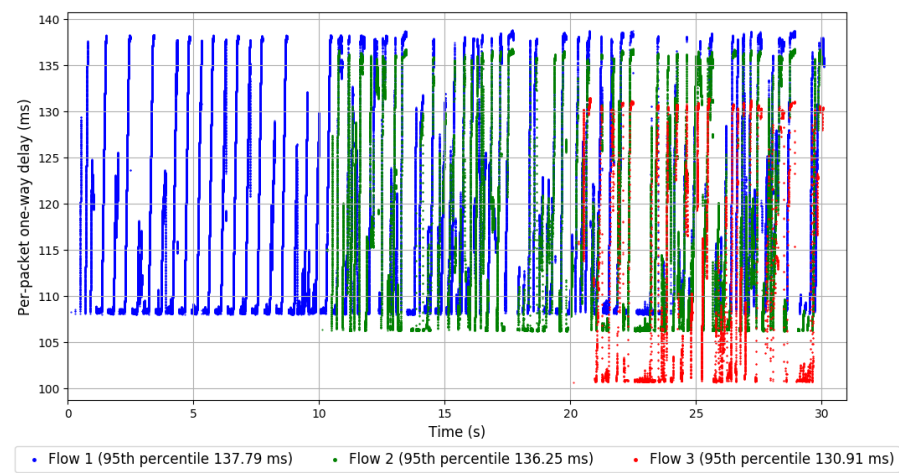
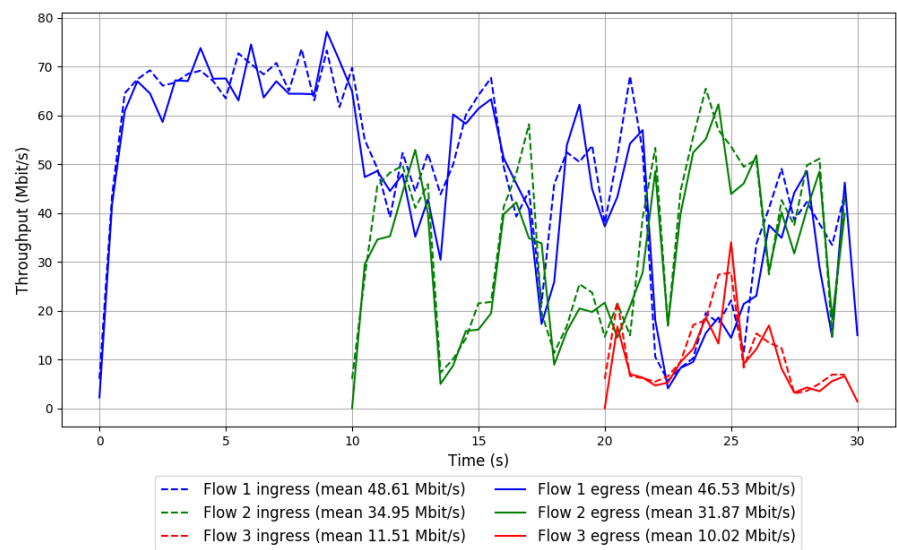


Run 2: Statistics of TaoVA-100x

Start at: 2018-03-21 04:10:37
End at: 2018-03-21 04:11:07
Local clock offset: -6.886 ms
Remote clock offset: -0.986 ms

Below is generated by plot.py at 2018-03-21 08:20:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 70.98 Mbit/s
95th percentile per-packet one-way delay: 137.562 ms
Loss rate: 5.98%
-- Flow 1:
Average throughput: 46.53 Mbit/s
95th percentile per-packet one-way delay: 137.795 ms
Loss rate: 4.18%
-- Flow 2:
Average throughput: 31.87 Mbit/s
95th percentile per-packet one-way delay: 136.254 ms
Loss rate: 8.66%
-- Flow 3:
Average throughput: 10.02 Mbit/s
95th percentile per-packet one-way delay: 130.906 ms
Loss rate: 12.68%

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

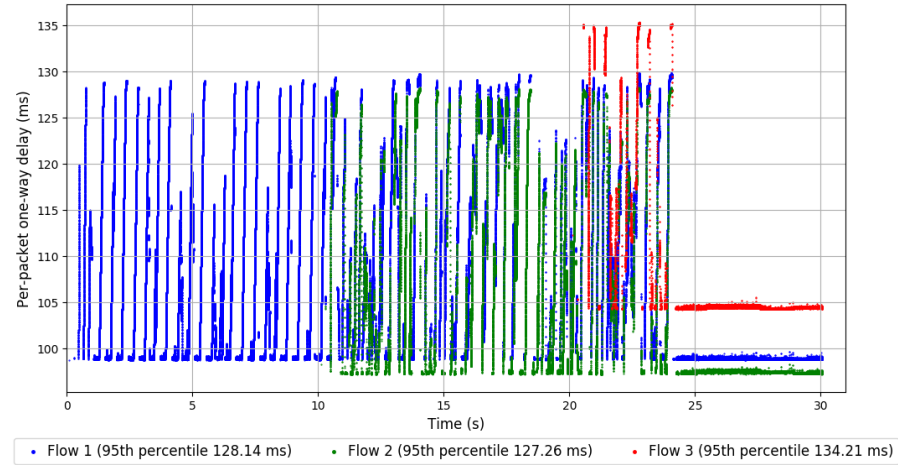
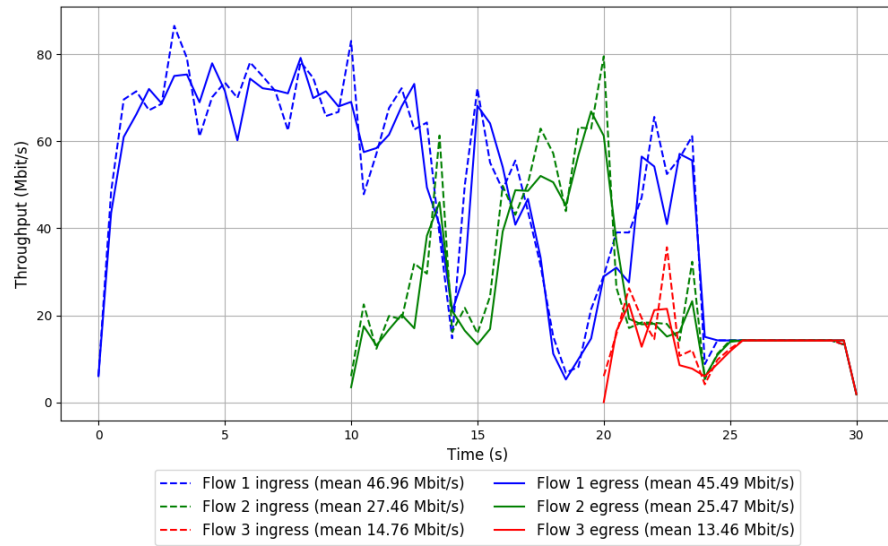


Run 3: Statistics of TaoVA-100x

Start at: 2018-03-21 04:34:49
End at: 2018-03-21 04:35:19
Local clock offset: -6.623 ms
Remote clock offset: -6.065 ms

Below is generated by plot.py at 2018-03-21 08:20:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 66.91 Mbit/s
95th percentile per-packet one-way delay: 127.944 ms
Loss rate: 4.61%
-- Flow 1:
Average throughput: 45.49 Mbit/s
95th percentile per-packet one-way delay: 128.139 ms
Loss rate: 3.13%
-- Flow 2:
Average throughput: 25.47 Mbit/s
95th percentile per-packet one-way delay: 127.259 ms
Loss rate: 7.24%
-- Flow 3:
Average throughput: 13.46 Mbit/s
95th percentile per-packet one-way delay: 134.212 ms
Loss rate: 8.93%

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

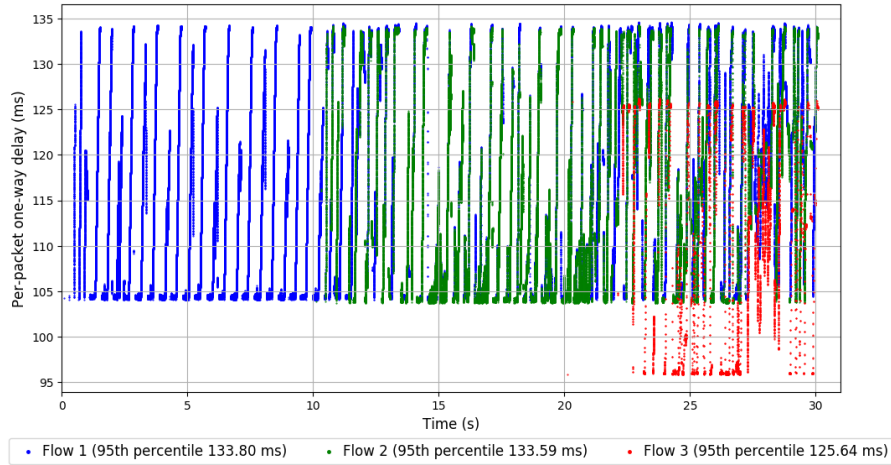
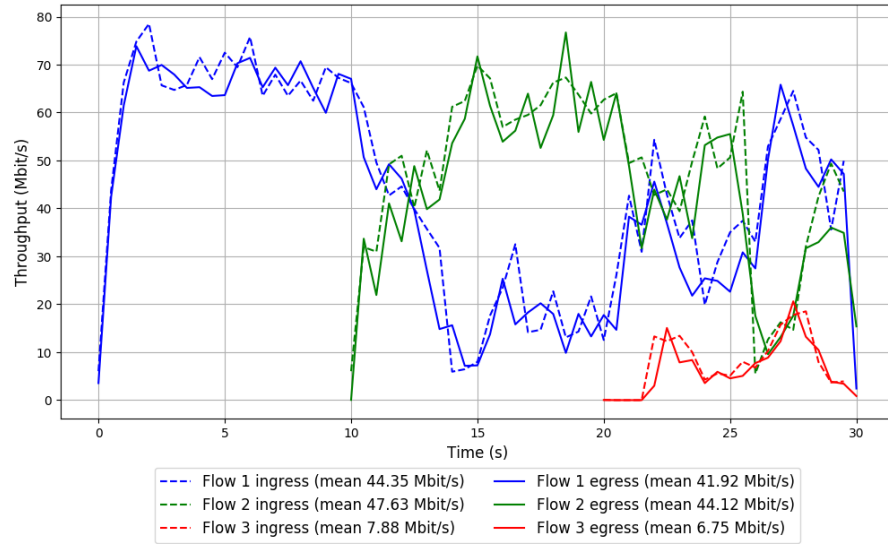


Run 4: Statistics of TaoVA-100x

Start at: 2018-03-21 04:58:51
End at: 2018-03-21 04:59:21
Local clock offset: -5.799 ms
Remote clock offset: -7.259 ms

Below is generated by plot.py at 2018-03-21 08:20:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.47 Mbit/s
95th percentile per-packet one-way delay: 133.689 ms
Loss rate: 6.43%
-- Flow 1:
Average throughput: 41.92 Mbit/s
95th percentile per-packet one-way delay: 133.801 ms
Loss rate: 5.40%
-- Flow 2:
Average throughput: 44.12 Mbit/s
95th percentile per-packet one-way delay: 133.585 ms
Loss rate: 7.25%
-- Flow 3:
Average throughput: 6.75 Mbit/s
95th percentile per-packet one-way delay: 125.639 ms
Loss rate: 14.02%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-03-21 05:23:04

End at: 2018-03-21 05:23:34

Local clock offset: -6.7 ms

Remote clock offset: -8.47 ms

Below is generated by plot.py at 2018-03-21 08:20:19

Datalink statistics

-- Total of 3 flows:

Average throughput: 73.55 Mbit/s

95th percentile per-packet one-way delay: 130.650 ms

Loss rate: 6.33%

-- Flow 1:

Average throughput: 40.29 Mbit/s

95th percentile per-packet one-way delay: 128.344 ms

Loss rate: 5.21%

-- Flow 2:

Average throughput: 44.38 Mbit/s

95th percentile per-packet one-way delay: 132.386 ms

Loss rate: 6.69%

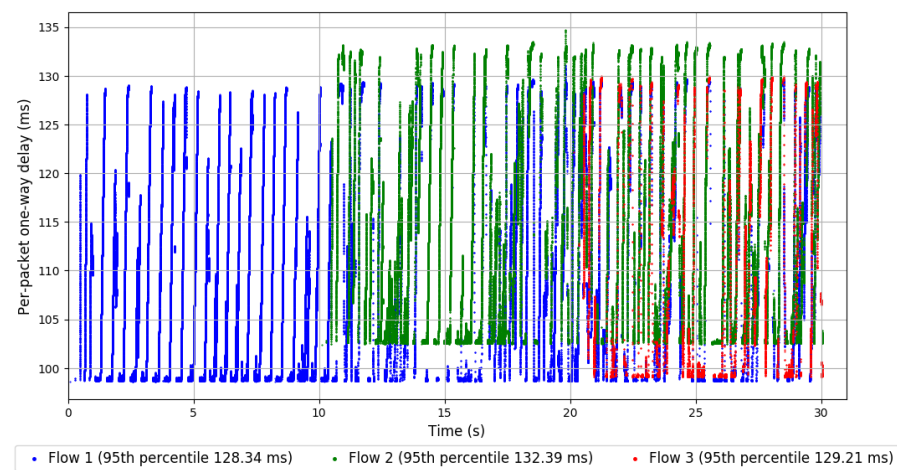
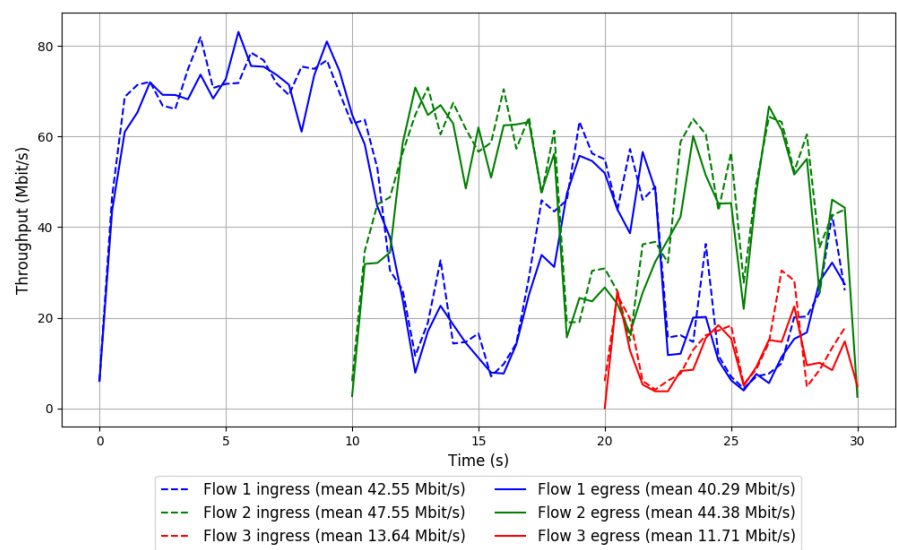
-- Flow 3:

Average throughput: 11.71 Mbit/s

95th percentile per-packet one-way delay: 129.206 ms

Loss rate: 14.38%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-03-21 05:47:16

End at: 2018-03-21 05:47:46

Local clock offset: 7.13 ms

Remote clock offset: -5.76 ms

Below is generated by plot.py at 2018-03-21 08:20:22

Datalink statistics

-- Total of 3 flows:

Average throughput: 71.41 Mbit/s

95th percentile per-packet one-way delay: 131.824 ms

Loss rate: 6.48%

-- Flow 1:

Average throughput: 47.78 Mbit/s

95th percentile per-packet one-way delay: 131.644 ms

Loss rate: 4.76%

-- Flow 2:

Average throughput: 27.60 Mbit/s

95th percentile per-packet one-way delay: 132.036 ms

Loss rate: 9.91%

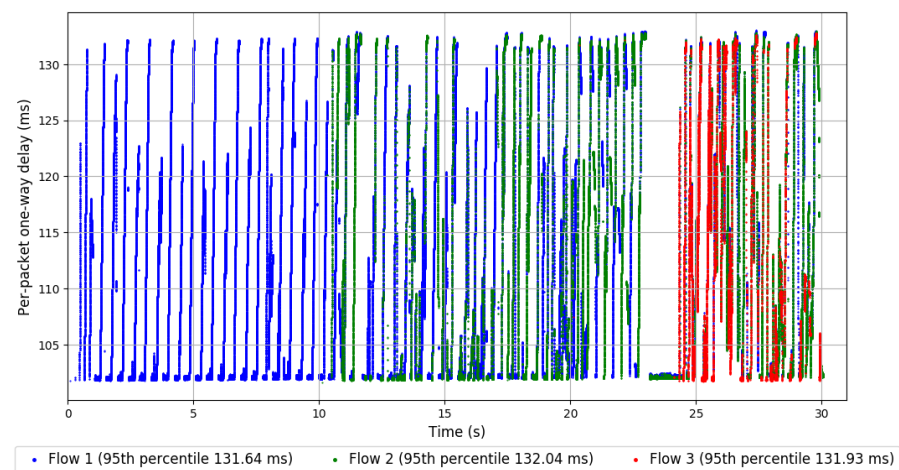
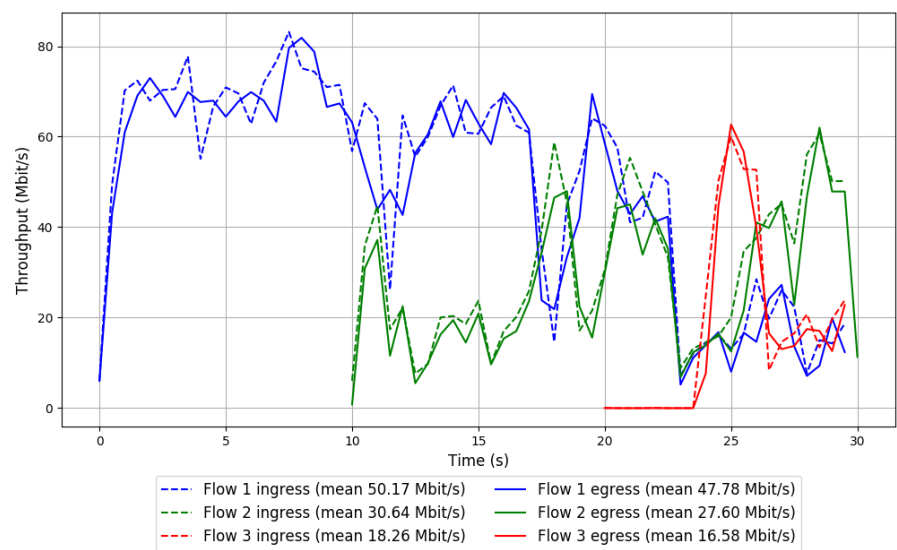
-- Flow 3:

Average throughput: 16.58 Mbit/s

95th percentile per-packet one-way delay: 131.930 ms

Loss rate: 9.21%

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

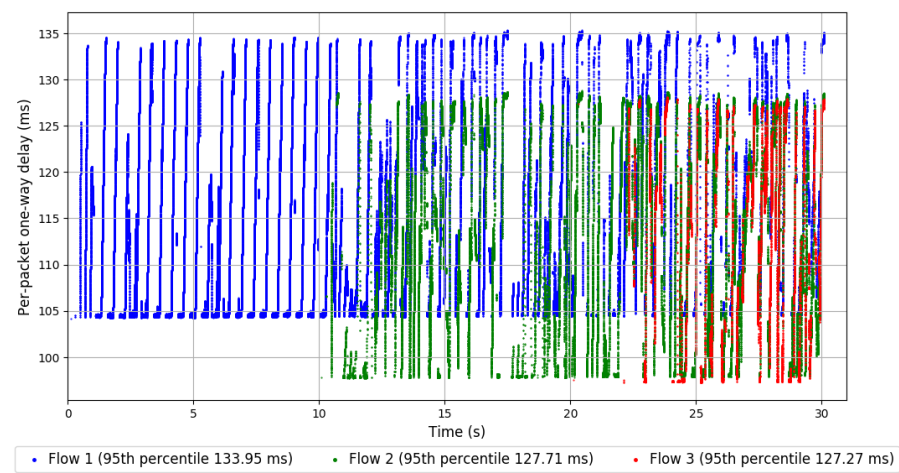
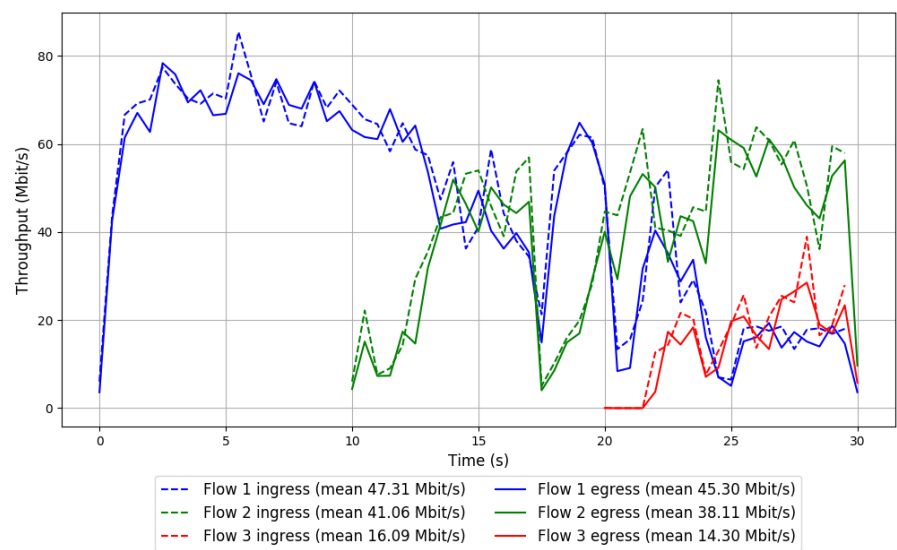


Run 7: Statistics of TaoVA-100x

Start at: 2018-03-21 06:11:22
End at: 2018-03-21 06:11:52
Local clock offset: 17.691 ms
Remote clock offset: -10.879 ms

Below is generated by plot.py at 2018-03-21 08:20:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.47 Mbit/s
95th percentile per-packet one-way delay: 133.167 ms
Loss rate: 5.59%
-- Flow 1:
Average throughput: 45.30 Mbit/s
95th percentile per-packet one-way delay: 133.946 ms
Loss rate: 4.15%
-- Flow 2:
Average throughput: 38.11 Mbit/s
95th percentile per-packet one-way delay: 127.712 ms
Loss rate: 7.04%
-- Flow 3:
Average throughput: 14.30 Mbit/s
95th percentile per-packet one-way delay: 127.266 ms
Loss rate: 10.90%

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

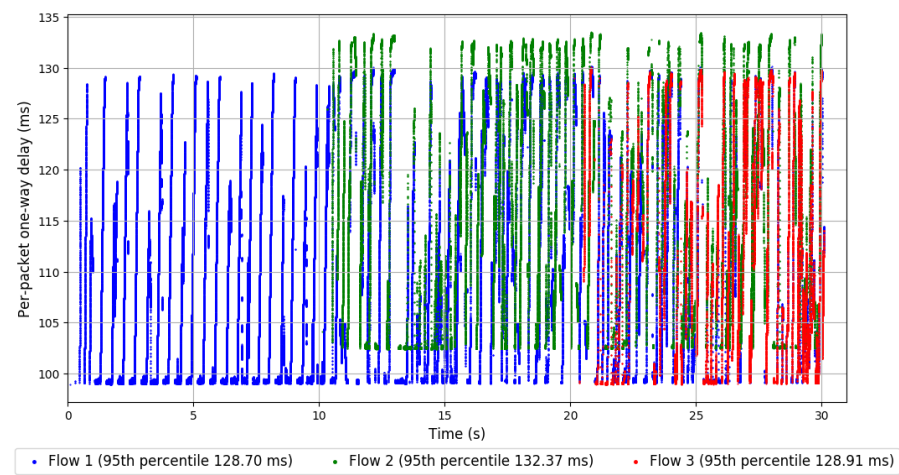
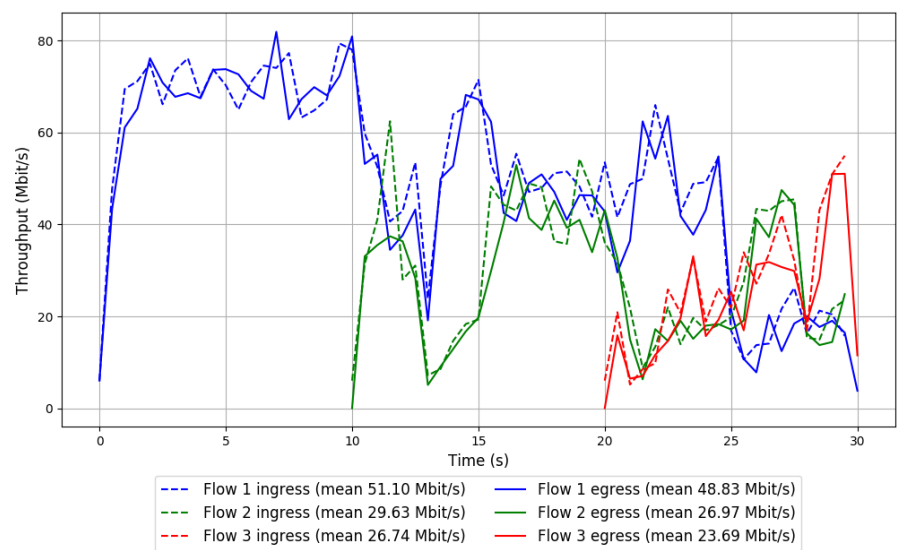


Run 8: Statistics of TaoVA-100x

Start at: 2018-03-21 06:35:33
End at: 2018-03-21 06:36:03
Local clock offset: 26.41 ms
Remote clock offset: -12.107 ms

Below is generated by plot.py at 2018-03-21 08:20:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.56 Mbit/s
95th percentile per-packet one-way delay: 129.680 ms
Loss rate: 6.28%
-- Flow 1:
Average throughput: 48.83 Mbit/s
95th percentile per-packet one-way delay: 128.697 ms
Loss rate: 4.39%
-- Flow 2:
Average throughput: 26.97 Mbit/s
95th percentile per-packet one-way delay: 132.373 ms
Loss rate: 8.82%
-- Flow 3:
Average throughput: 23.69 Mbit/s
95th percentile per-packet one-way delay: 128.910 ms
Loss rate: 11.54%

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

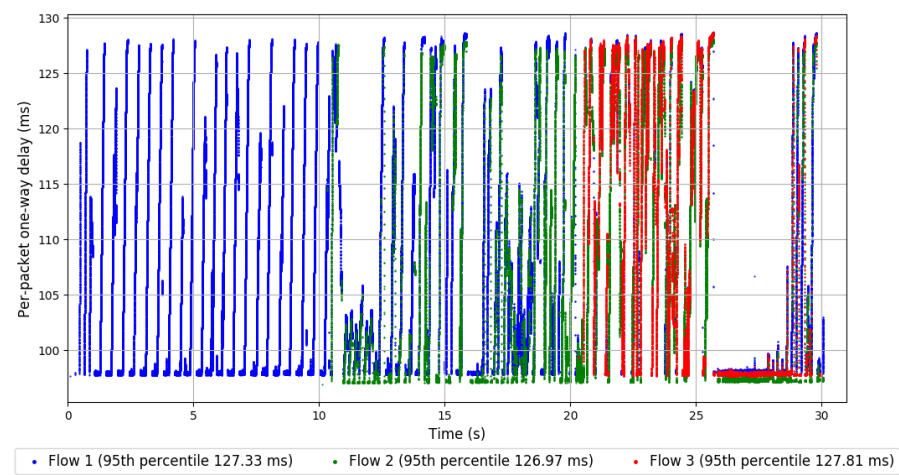
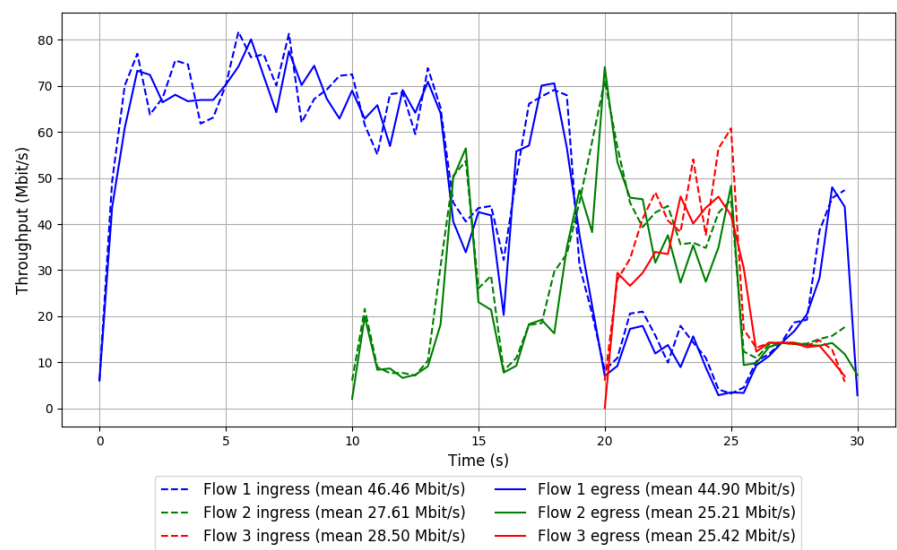


Run 9: Statistics of TaoVA-100x

Start at: 2018-03-21 06:59:43
End at: 2018-03-21 07:00:13
Local clock offset: 33.163 ms
Remote clock offset: -13.194 ms

Below is generated by plot.py at 2018-03-21 08:21:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 70.01 Mbit/s
95th percentile per-packet one-way delay: 127.336 ms
Loss rate: 5.64%
-- Flow 1:
Average throughput: 44.90 Mbit/s
95th percentile per-packet one-way delay: 127.331 ms
Loss rate: 3.35%
-- Flow 2:
Average throughput: 25.21 Mbit/s
95th percentile per-packet one-way delay: 126.970 ms
Loss rate: 8.68%
-- Flow 3:
Average throughput: 25.42 Mbit/s
95th percentile per-packet one-way delay: 127.812 ms
Loss rate: 11.00%

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

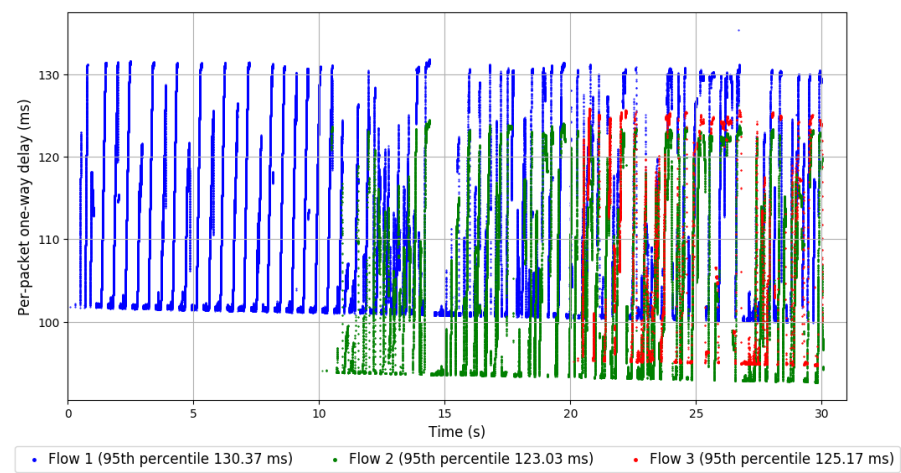
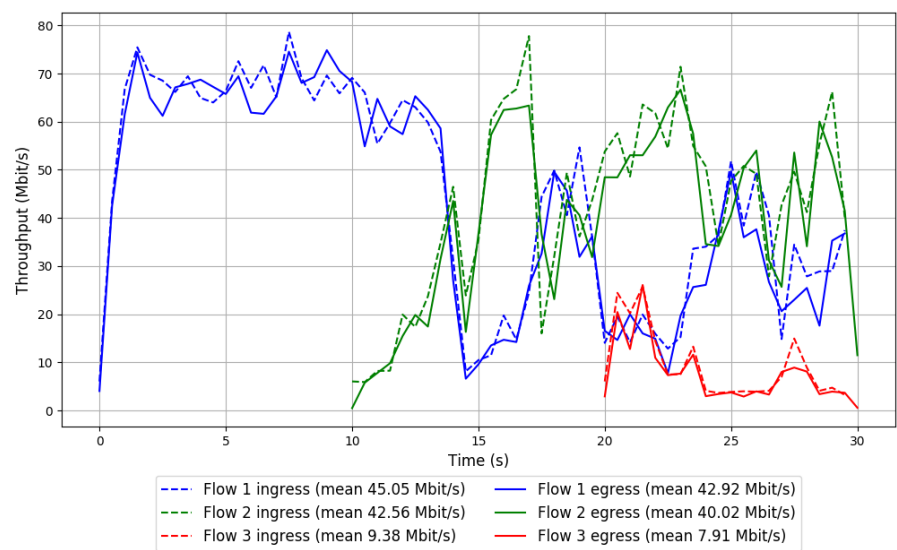


Run 10: Statistics of TaoVA-100x

Start at: 2018-03-21 07:23:50
End at: 2018-03-21 07:24:20
Local clock offset: 21.374 ms
Remote clock offset: -14.477 ms

Below is generated by plot.py at 2018-03-21 08:22:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.11 Mbit/s
95th percentile per-packet one-way delay: 129.718 ms
Loss rate: 5.57%
-- Flow 1:
Average throughput: 42.92 Mbit/s
95th percentile per-packet one-way delay: 130.374 ms
Loss rate: 4.63%
-- Flow 2:
Average throughput: 40.02 Mbit/s
95th percentile per-packet one-way delay: 123.030 ms
Loss rate: 5.97%
-- Flow 3:
Average throughput: 7.91 Mbit/s
95th percentile per-packet one-way delay: 125.175 ms
Loss rate: 15.62%

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

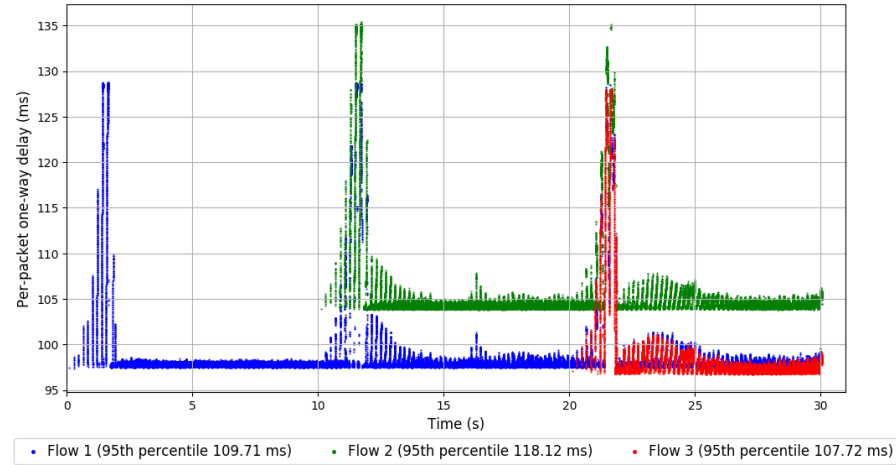
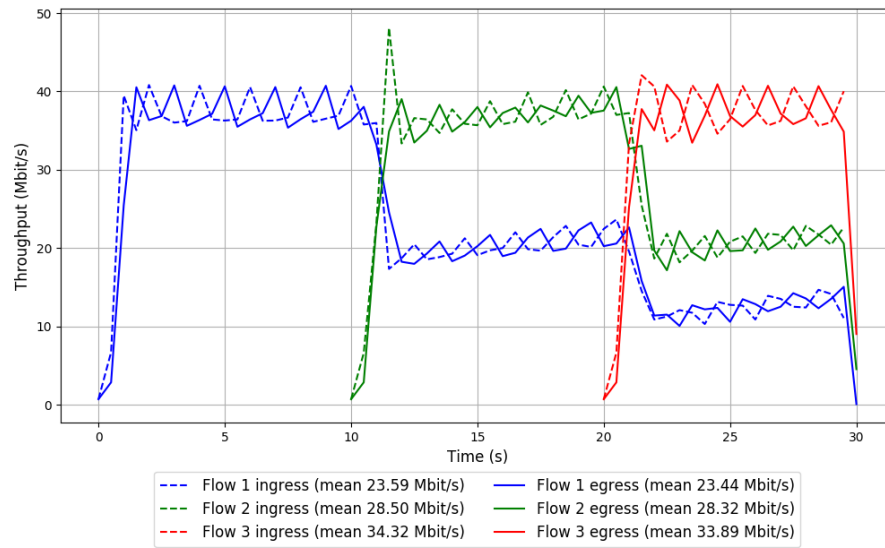


Run 1: Statistics of TCP Vegas

Start at: 2018-03-21 04:02:26
End at: 2018-03-21 04:02:56
Local clock offset: -6.336 ms
Remote clock offset: -4.468 ms

Below is generated by plot.py at 2018-03-21 08:22:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 53.52 Mbit/s
95th percentile per-packet one-way delay: 112.296 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 23.44 Mbit/s
95th percentile per-packet one-way delay: 109.713 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 28.32 Mbit/s
95th percentile per-packet one-way delay: 118.119 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 33.89 Mbit/s
95th percentile per-packet one-way delay: 107.720 ms
Loss rate: 1.24%

Run 1: Report of TCP Vegas — Data Link

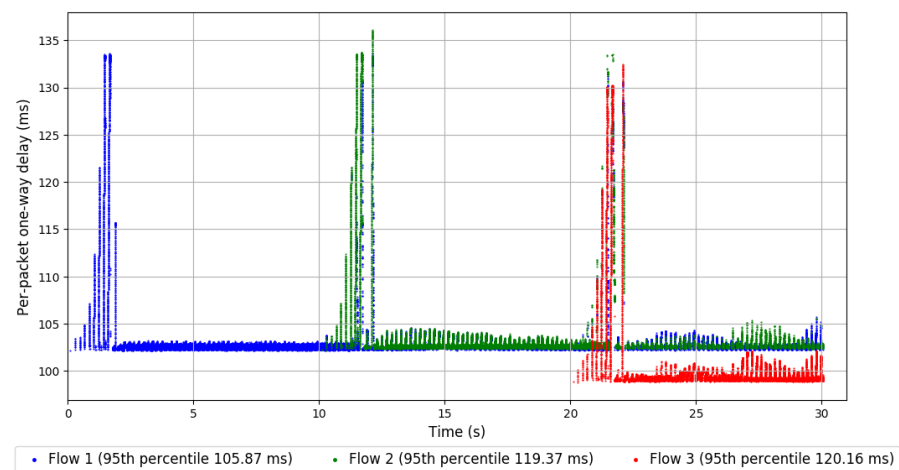
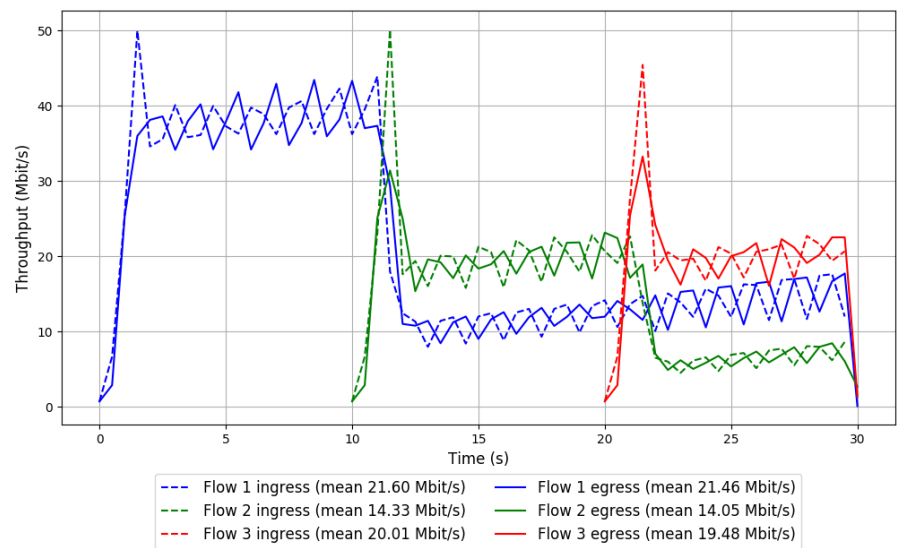


Run 2: Statistics of TCP Vegas

Start at: 2018-03-21 04:26:58
End at: 2018-03-21 04:27:28
Local clock offset: -7.127 ms
Remote clock offset: -5.723 ms

Below is generated by plot.py at 2018-03-21 08:22:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 37.27 Mbit/s
95th percentile per-packet one-way delay: 114.113 ms
Loss rate: 1.35%
-- Flow 1:
Average throughput: 21.46 Mbit/s
95th percentile per-packet one-way delay: 105.870 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 14.05 Mbit/s
95th percentile per-packet one-way delay: 119.372 ms
Loss rate: 2.03%
-- Flow 3:
Average throughput: 19.48 Mbit/s
95th percentile per-packet one-way delay: 120.159 ms
Loss rate: 2.72%

Run 2: Report of TCP Vegas — Data Link

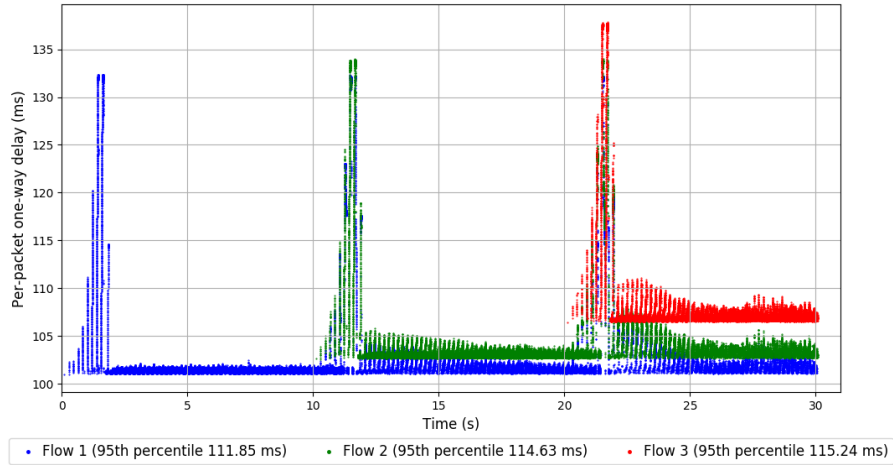
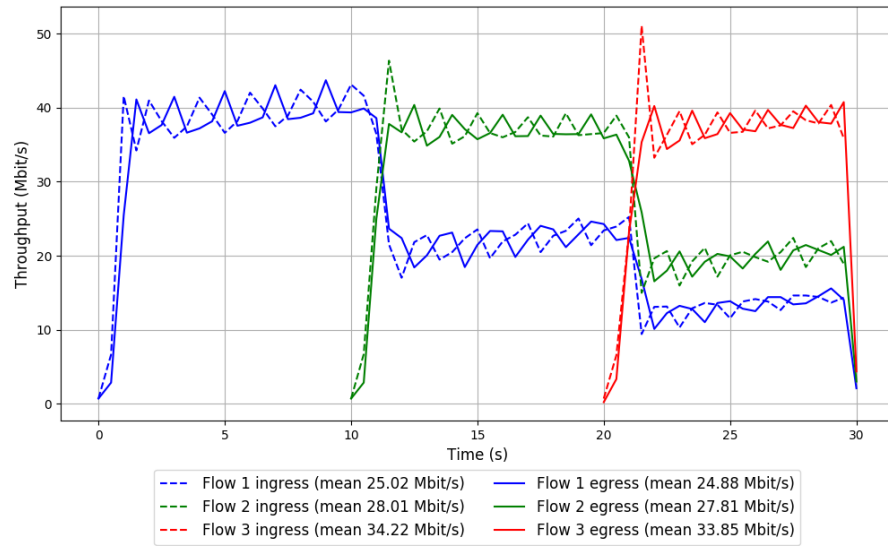


Run 3: Statistics of TCP Vegas

Start at: 2018-03-21 04:51:01
End at: 2018-03-21 04:51:31
Local clock offset: -5.951 ms
Remote clock offset: -2.983 ms

Below is generated by plot.py at 2018-03-21 08:22:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 54.61 Mbit/s
95th percentile per-packet one-way delay: 113.762 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 24.88 Mbit/s
95th percentile per-packet one-way delay: 111.850 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 27.81 Mbit/s
95th percentile per-packet one-way delay: 114.626 ms
Loss rate: 0.73%
-- Flow 3:
Average throughput: 33.85 Mbit/s
95th percentile per-packet one-way delay: 115.237 ms
Loss rate: 1.14%

Run 3: Report of TCP Vegas — Data Link

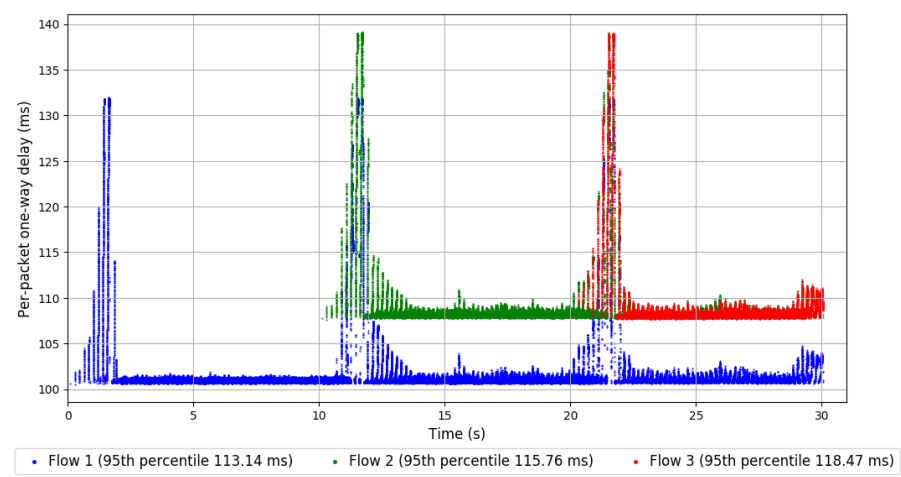
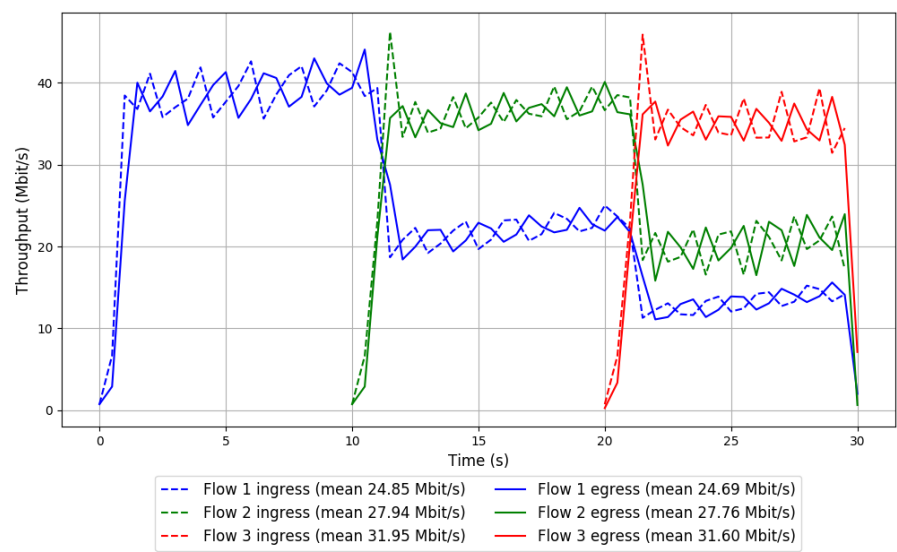


Run 4: Statistics of TCP Vegas

Start at: 2018-03-21 05:15:09
End at: 2018-03-21 05:15:39
Local clock offset: -6.463 ms
Remote clock offset: -4.207 ms

Below is generated by plot.py at 2018-03-21 08:22:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 53.63 Mbit/s
95th percentile per-packet one-way delay: 115.222 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 24.69 Mbit/s
95th percentile per-packet one-way delay: 113.137 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 27.76 Mbit/s
95th percentile per-packet one-way delay: 115.759 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 31.60 Mbit/s
95th percentile per-packet one-way delay: 118.467 ms
Loss rate: 1.08%

Run 4: Report of TCP Vegas — Data Link

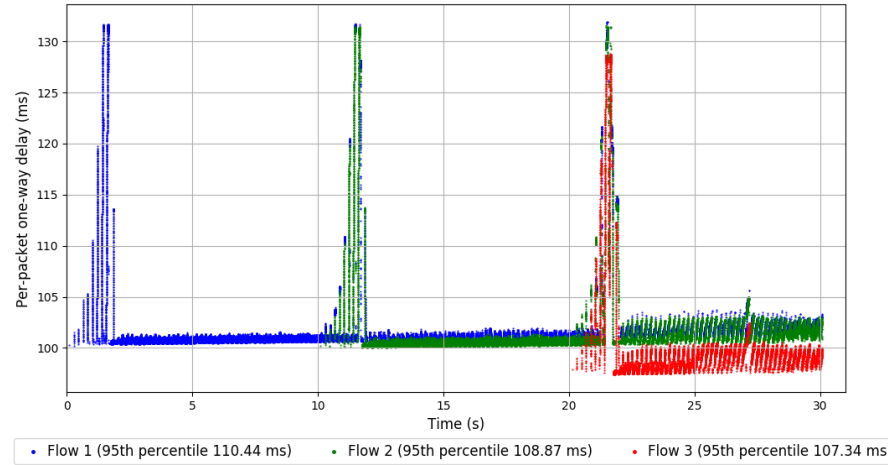
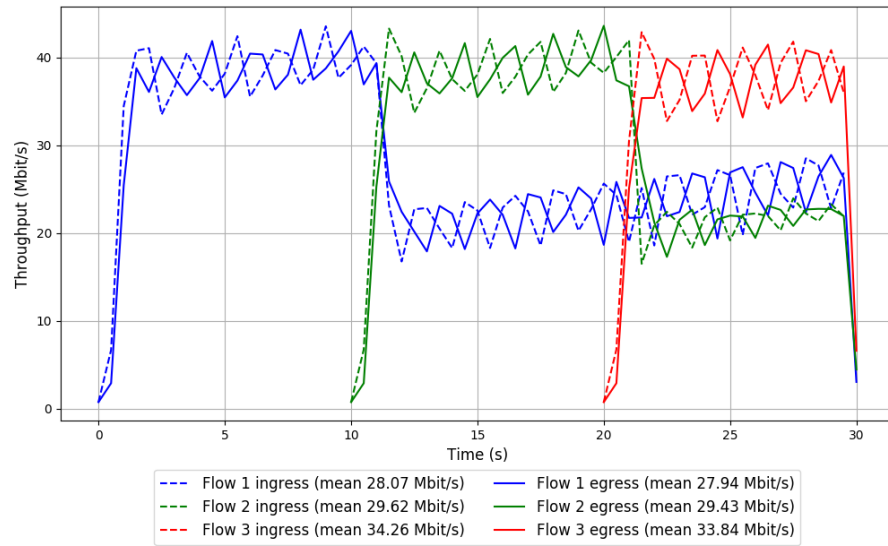


Run 5: Statistics of TCP Vegas

Start at: 2018-03-21 05:39:23
End at: 2018-03-21 05:39:53
Local clock offset: -2.778 ms
Remote clock offset: -9.308 ms

```
# Below is generated by plot.py at 2018-03-21 08:22:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 58.77 Mbit/s
95th percentile per-packet one-way delay: 109.273 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 27.94 Mbit/s
95th percentile per-packet one-way delay: 110.444 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 29.43 Mbit/s
95th percentile per-packet one-way delay: 108.867 ms
Loss rate: 0.66%
-- Flow 3:
Average throughput: 33.84 Mbit/s
95th percentile per-packet one-way delay: 107.341 ms
Loss rate: 1.22%
```

Run 5: Report of TCP Vegas — Data Link

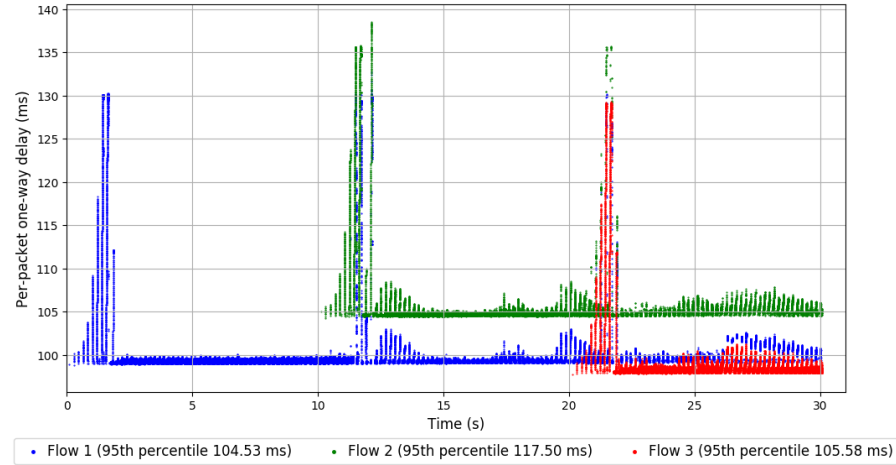
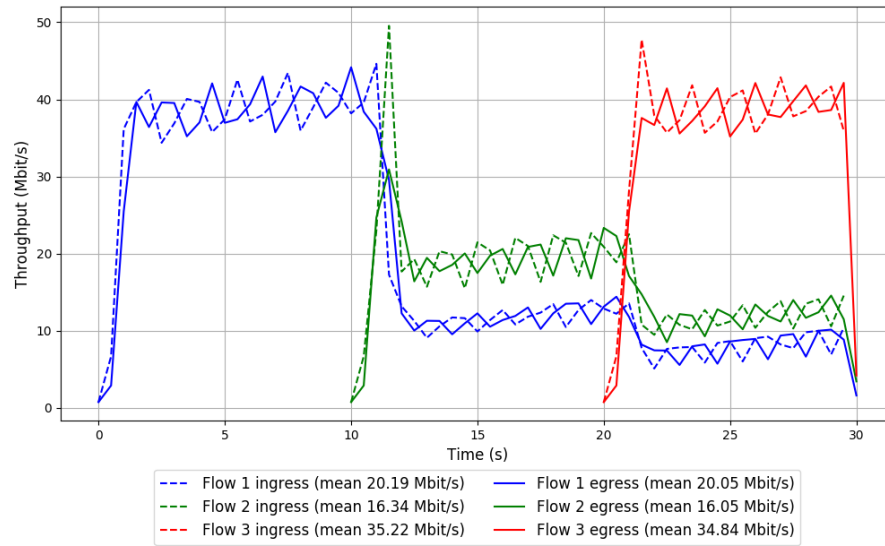


Run 6: Statistics of TCP Vegas

Start at: 2018-03-21 06:03:29
End at: 2018-03-21 06:03:59
Local clock offset: 15.381 ms
Remote clock offset: -10.451 ms

Below is generated by plot.py at 2018-03-21 08:22:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 42.27 Mbit/s
95th percentile per-packet one-way delay: 108.893 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 20.05 Mbit/s
95th percentile per-packet one-way delay: 104.525 ms
Loss rate: 0.71%
-- Flow 2:
Average throughput: 16.05 Mbit/s
95th percentile per-packet one-way delay: 117.495 ms
Loss rate: 1.80%
-- Flow 3:
Average throughput: 34.84 Mbit/s
95th percentile per-packet one-way delay: 105.580 ms
Loss rate: 1.08%

Run 6: Report of TCP Vegas — Data Link

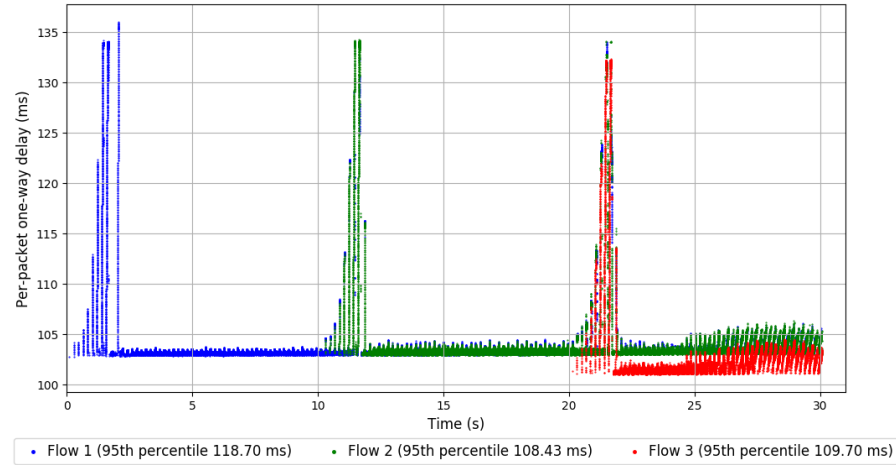
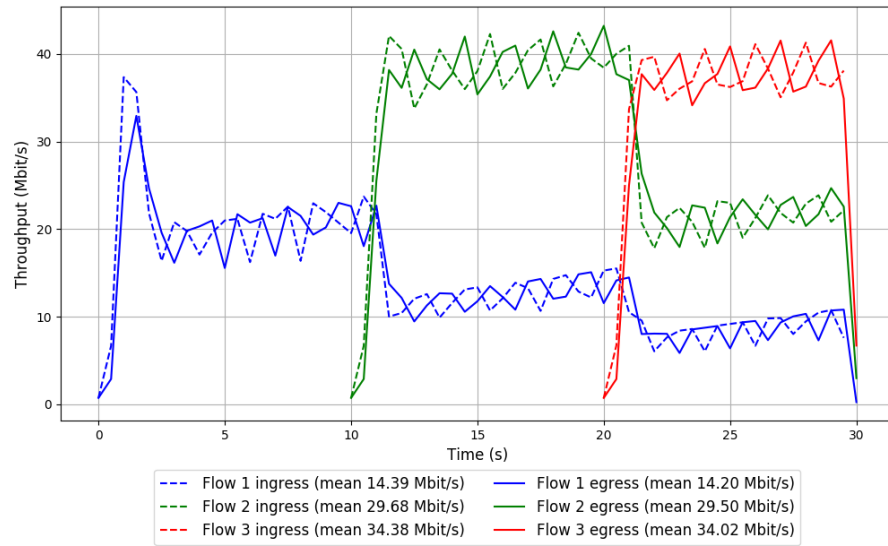


Run 7: Statistics of TCP Vegas

Start at: 2018-03-21 06:27:40
End at: 2018-03-21 06:28:10
Local clock offset: 24.122 ms
Remote clock offset: -7.795 ms

Below is generated by plot.py at 2018-03-21 08:22:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 45.11 Mbit/s
95th percentile per-packet one-way delay: 112.581 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 14.20 Mbit/s
95th percentile per-packet one-way delay: 118.705 ms
Loss rate: 1.32%
-- Flow 2:
Average throughput: 29.50 Mbit/s
95th percentile per-packet one-way delay: 108.427 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 34.02 Mbit/s
95th percentile per-packet one-way delay: 109.704 ms
Loss rate: 1.03%

Run 7: Report of TCP Vegas — Data Link

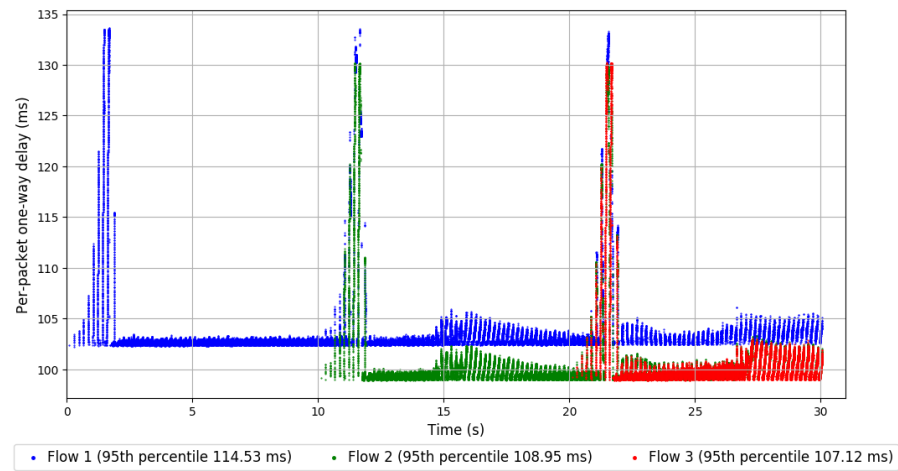
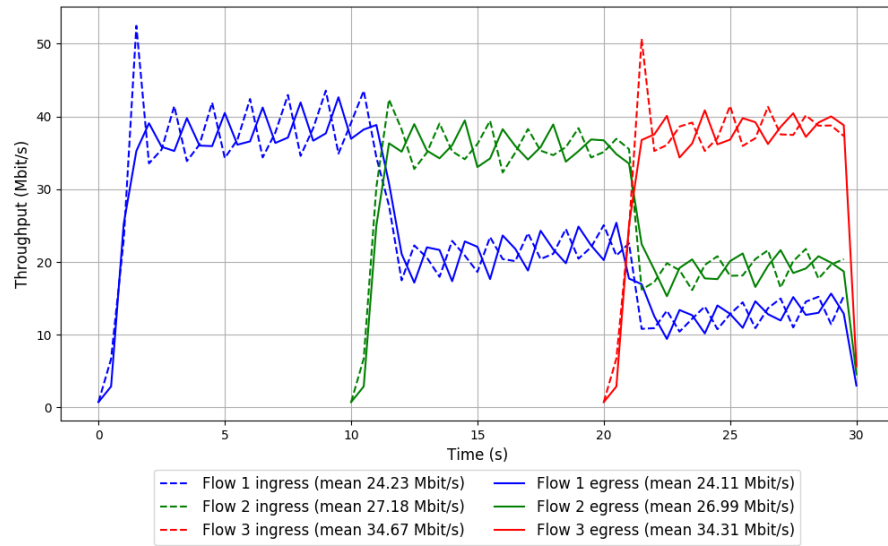


Run 8: Statistics of TCP Vegas

Start at: 2018-03-21 06:51:49
End at: 2018-03-21 06:52:19
Local clock offset: 31.014 ms
Remote clock offset: -12.874 ms

Below is generated by plot.py at 2018-03-21 08:22:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 53.47 Mbit/s
95th percentile per-packet one-way delay: 110.792 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 24.11 Mbit/s
95th percentile per-packet one-way delay: 114.529 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 26.99 Mbit/s
95th percentile per-packet one-way delay: 108.955 ms
Loss rate: 0.70%
-- Flow 3:
Average throughput: 34.31 Mbit/s
95th percentile per-packet one-way delay: 107.116 ms
Loss rate: 1.03%

Run 8: Report of TCP Vegas — Data Link

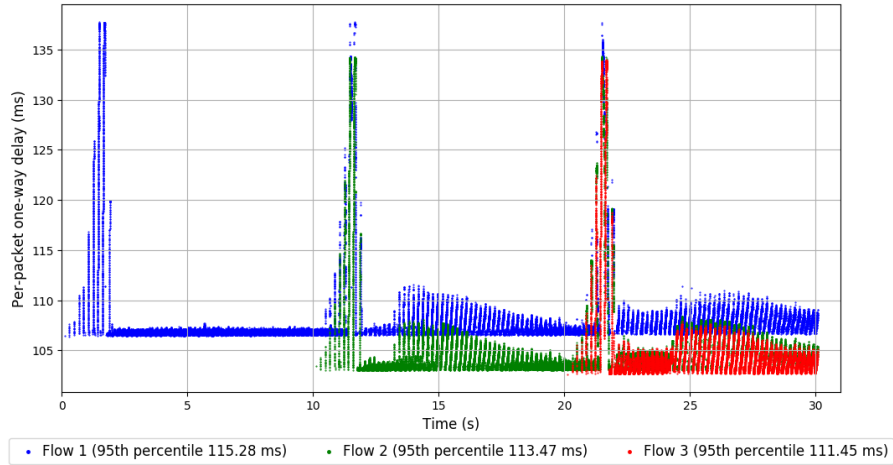
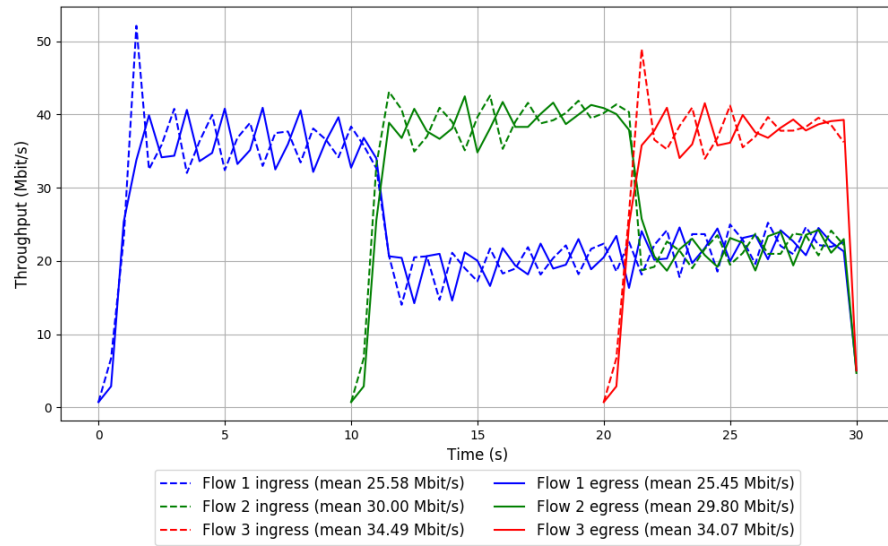


Run 9: Statistics of TCP Vegas

Start at: 2018-03-21 07:15:58
End at: 2018-03-21 07:16:28
Local clock offset: 37.477 ms
Remote clock offset: -10.224 ms

Below is generated by plot.py at 2018-03-21 08:22:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 56.61 Mbit/s
95th percentile per-packet one-way delay: 113.878 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 25.45 Mbit/s
95th percentile per-packet one-way delay: 115.281 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 29.80 Mbit/s
95th percentile per-packet one-way delay: 113.474 ms
Loss rate: 0.66%
-- Flow 3:
Average throughput: 34.07 Mbit/s
95th percentile per-packet one-way delay: 111.449 ms
Loss rate: 1.18%

Run 9: Report of TCP Vegas — Data Link

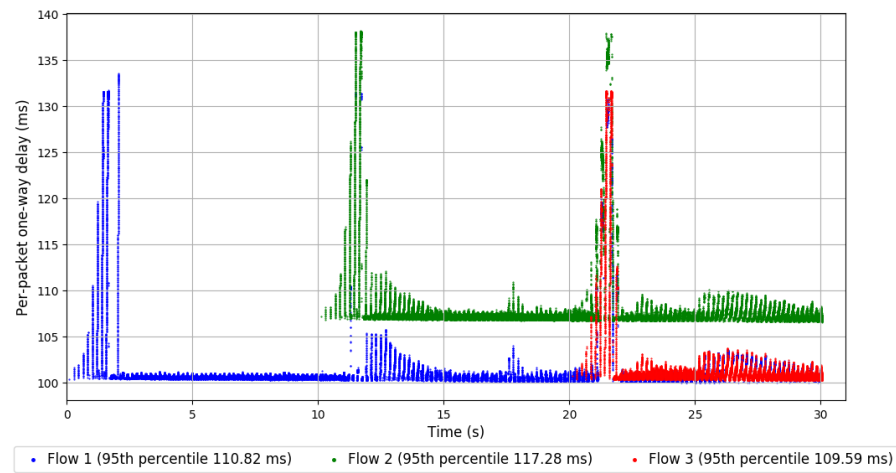
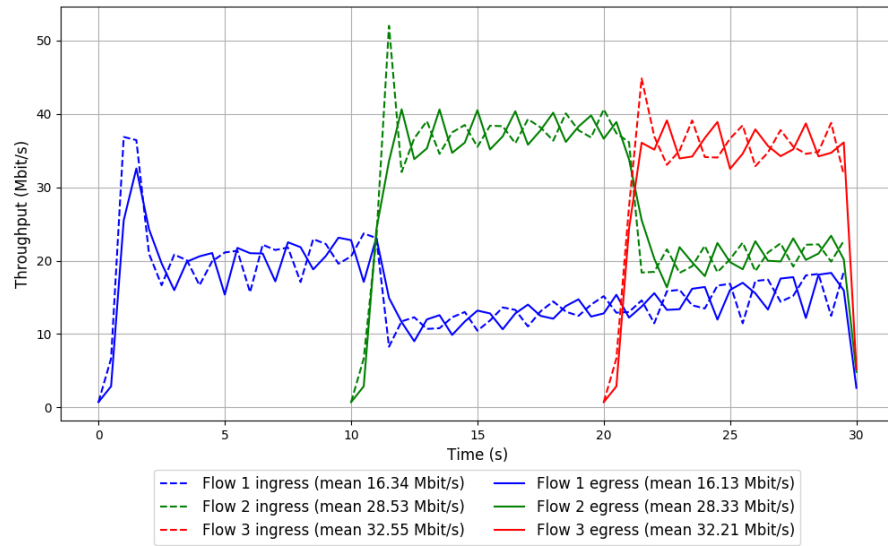


Run 10: Statistics of TCP Vegas

Start at: 2018-03-21 07:40:05
End at: 2018-03-21 07:40:35
Local clock offset: -13.044 ms
Remote clock offset: -11.453 ms

Below is generated by plot.py at 2018-03-21 08:22:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 45.67 Mbit/s
95th percentile per-packet one-way delay: 114.340 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 16.13 Mbit/s
95th percentile per-packet one-way delay: 110.819 ms
Loss rate: 1.25%
-- Flow 2:
Average throughput: 28.33 Mbit/s
95th percentile per-packet one-way delay: 117.278 ms
Loss rate: 0.72%
-- Flow 3:
Average throughput: 32.21 Mbit/s
95th percentile per-packet one-way delay: 109.587 ms
Loss rate: 1.05%

Run 10: Report of TCP Vegas — Data Link

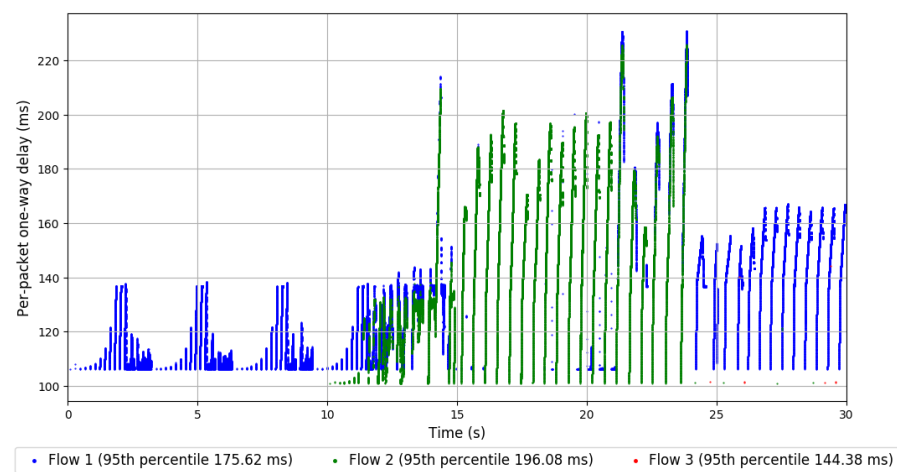
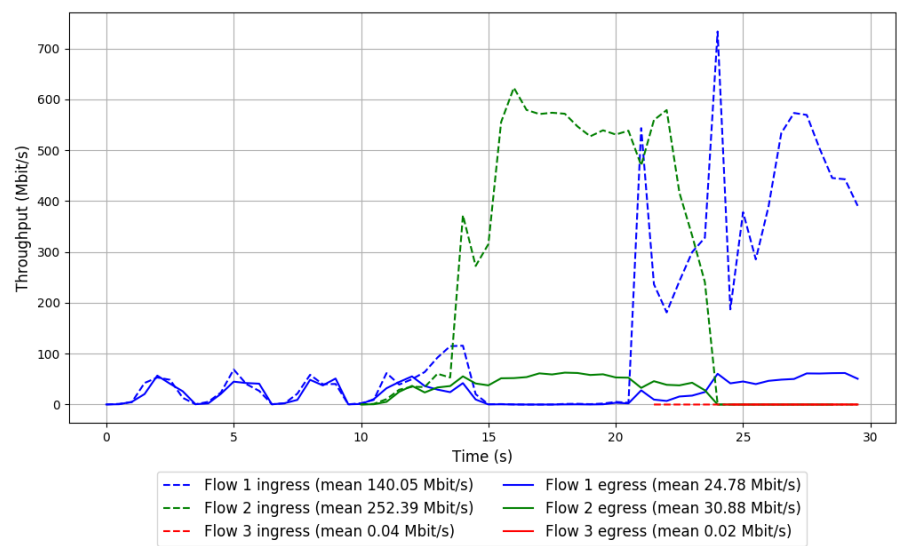


Run 1: Statistics of Verus

Start at: 2018-03-21 04:03:44
End at: 2018-03-21 04:04:14
Local clock offset: -6.541 ms
Remote clock offset: -0.699 ms

Below is generated by plot.py at 2018-03-21 08:23:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 44.03 Mbit/s
95th percentile per-packet one-way delay: 193.466 ms
Loss rate: 85.63%
-- Flow 1:
Average throughput: 24.78 Mbit/s
95th percentile per-packet one-way delay: 175.621 ms
Loss rate: 82.27%
-- Flow 2:
Average throughput: 30.88 Mbit/s
95th percentile per-packet one-way delay: 196.082 ms
Loss rate: 88.44%
-- Flow 3:
Average throughput: 0.02 Mbit/s
95th percentile per-packet one-way delay: 144.378 ms
Loss rate: 66.67%

Run 1: Report of Verus — Data Link

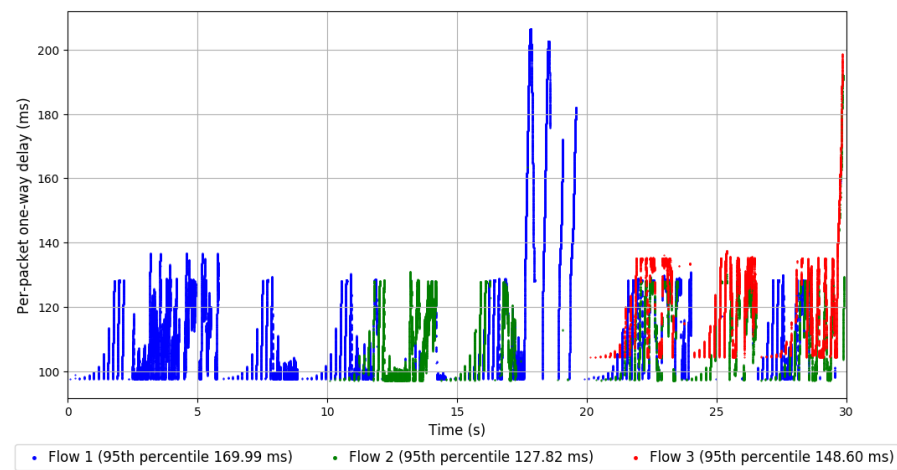
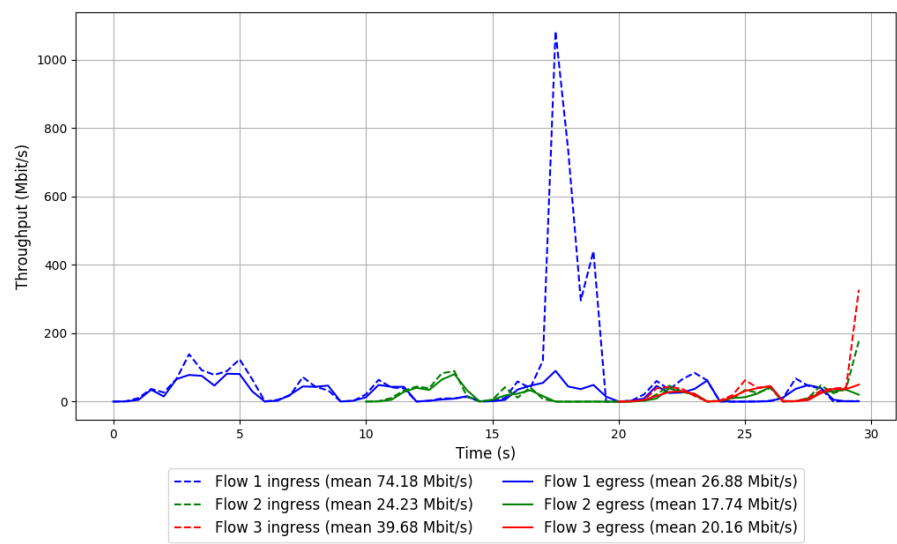


Run 2: Statistics of Verus

Start at: 2018-03-21 04:28:14
End at: 2018-03-21 04:28:44
Local clock offset: -7.243 ms
Remote clock offset: -5.694 ms

Below is generated by plot.py at 2018-03-21 08:23:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 45.12 Mbit/s
95th percentile per-packet one-way delay: 156.488 ms
Loss rate: 56.02%
-- Flow 1:
Average throughput: 26.88 Mbit/s
95th percentile per-packet one-way delay: 169.986 ms
Loss rate: 63.69%
-- Flow 2:
Average throughput: 17.74 Mbit/s
95th percentile per-packet one-way delay: 127.818 ms
Loss rate: 26.68%
-- Flow 3:
Average throughput: 20.16 Mbit/s
95th percentile per-packet one-way delay: 148.605 ms
Loss rate: 48.71%

Run 2: Report of Verus — Data Link

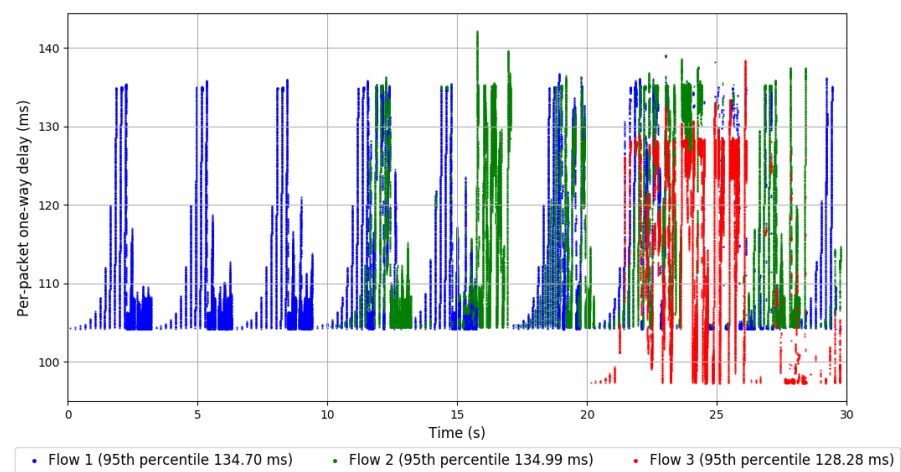
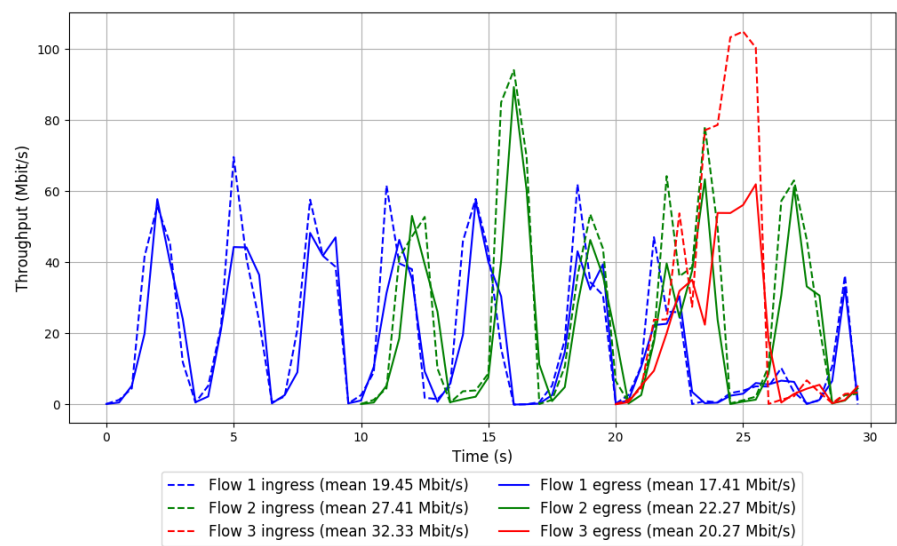


Run 3: Statistics of Verus

Start at: 2018-03-21 04:52:19
End at: 2018-03-21 04:52:49
Local clock offset: -5.971 ms
Remote clock offset: -6.872 ms

Below is generated by plot.py at 2018-03-21 08:23:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 38.73 Mbit/s
95th percentile per-packet one-way delay: 134.735 ms
Loss rate: 19.42%
-- Flow 1:
Average throughput: 17.41 Mbit/s
95th percentile per-packet one-way delay: 134.696 ms
Loss rate: 10.50%
-- Flow 2:
Average throughput: 22.27 Mbit/s
95th percentile per-packet one-way delay: 134.989 ms
Loss rate: 18.70%
-- Flow 3:
Average throughput: 20.27 Mbit/s
95th percentile per-packet one-way delay: 128.284 ms
Loss rate: 37.25%

Run 3: Report of Verus — Data Link

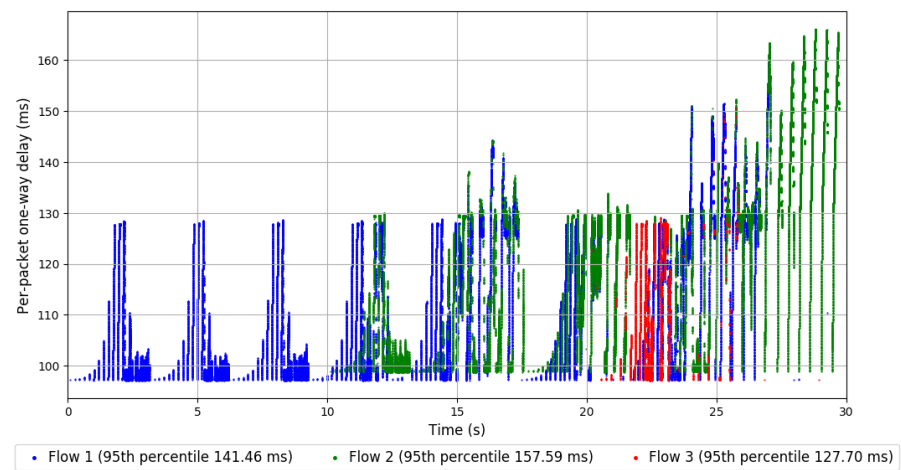
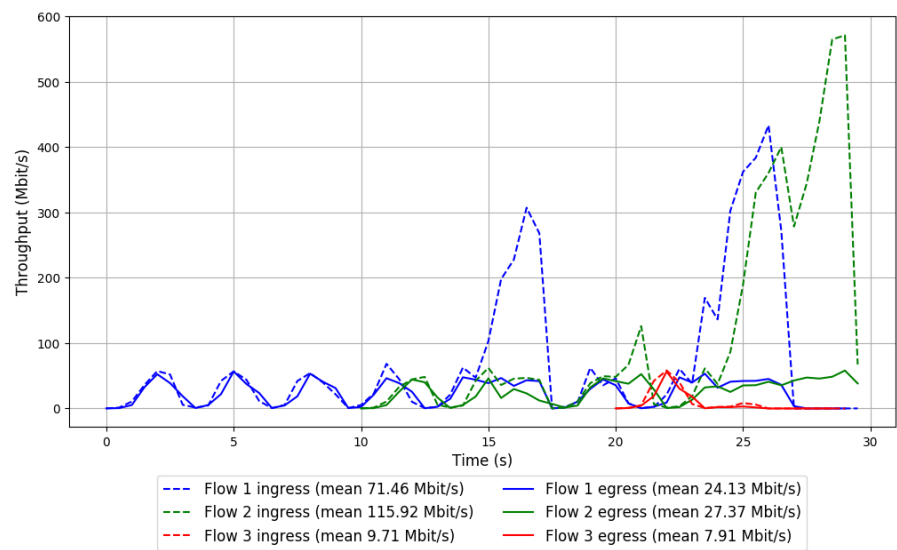


Run 4: Statistics of Verus

Start at: 2018-03-21 05:16:26
End at: 2018-03-21 05:16:56
Local clock offset: -6.5 ms
Remote clock offset: -8.029 ms

Below is generated by plot.py at 2018-03-21 08:23:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 44.39 Mbit/s
95th percentile per-packet one-way delay: 149.151 ms
Loss rate: 70.56%
-- Flow 1:
Average throughput: 24.13 Mbit/s
95th percentile per-packet one-way delay: 141.463 ms
Loss rate: 66.44%
-- Flow 2:
Average throughput: 27.37 Mbit/s
95th percentile per-packet one-way delay: 157.593 ms
Loss rate: 76.32%
-- Flow 3:
Average throughput: 7.91 Mbit/s
95th percentile per-packet one-way delay: 127.705 ms
Loss rate: 20.38%

Run 4: Report of Verus — Data Link

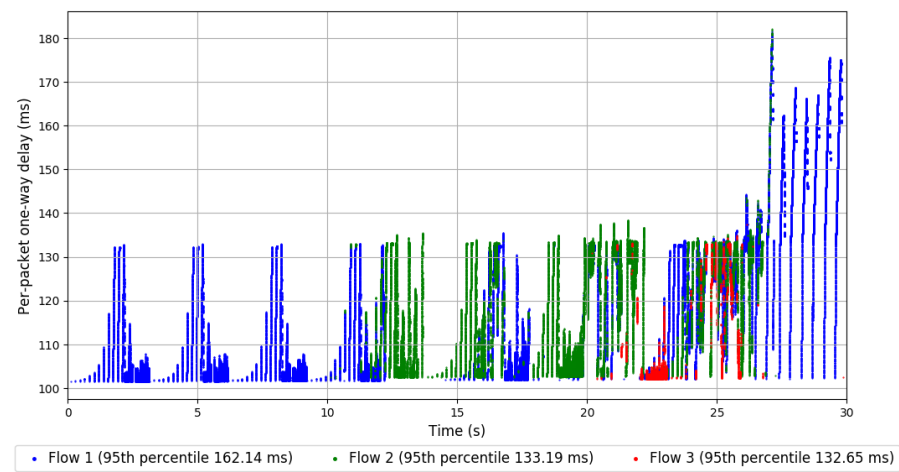
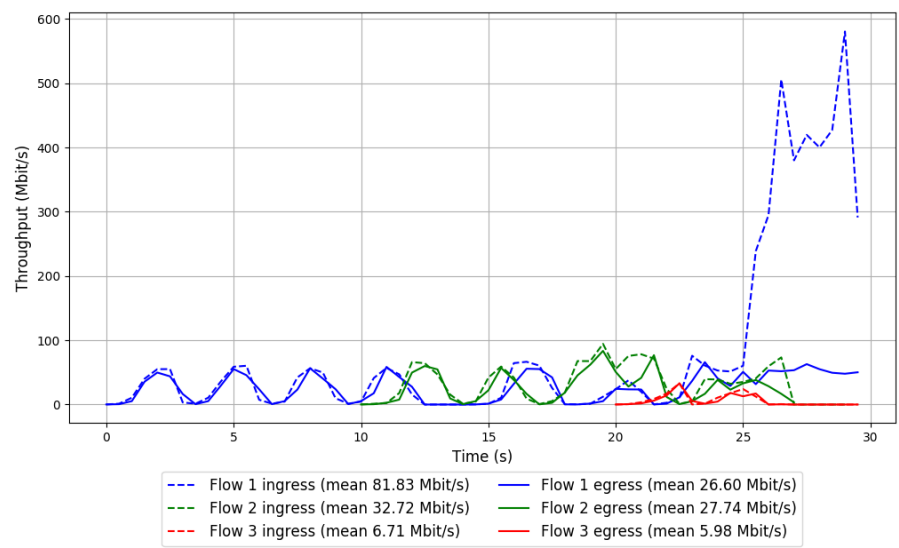


Run 5: Statistics of Verus

Start at: 2018-03-21 05:40:41
End at: 2018-03-21 05:41:11
Local clock offset: -0.427 ms
Remote clock offset: -5.491 ms

Below is generated by plot.py at 2018-03-21 08:23:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 44.46 Mbit/s
95th percentile per-packet one-way delay: 155.940 ms
Loss rate: 57.59%
-- Flow 1:
Average throughput: 26.60 Mbit/s
95th percentile per-packet one-way delay: 162.137 ms
Loss rate: 67.43%
-- Flow 2:
Average throughput: 27.74 Mbit/s
95th percentile per-packet one-way delay: 133.188 ms
Loss rate: 24.43%
-- Flow 3:
Average throughput: 5.98 Mbit/s
95th percentile per-packet one-way delay: 132.654 ms
Loss rate: 11.15%

Run 5: Report of Verus — Data Link

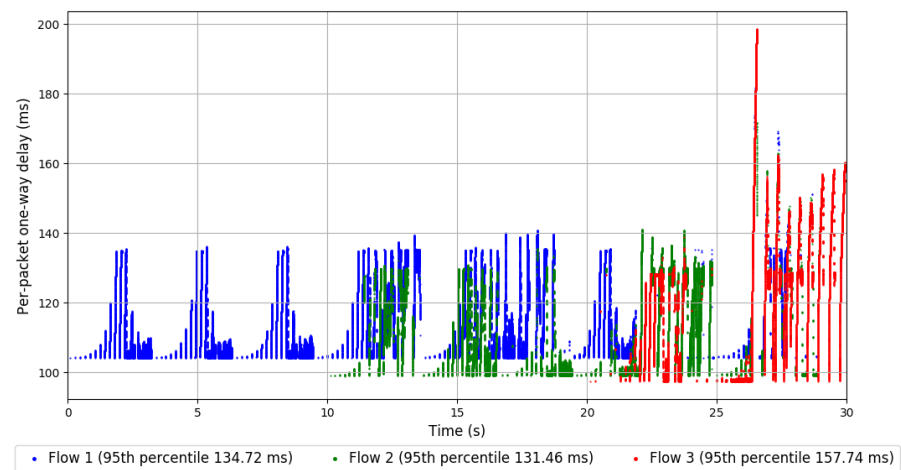
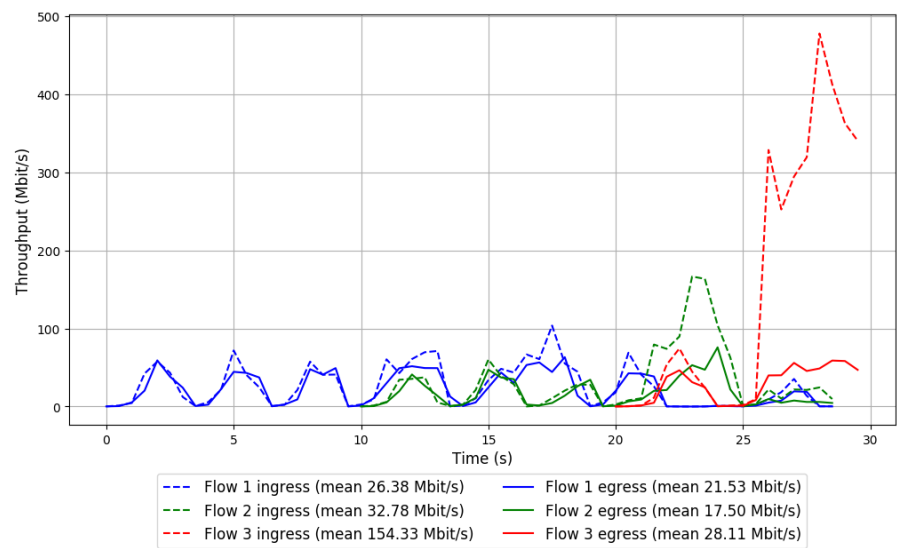


Run 6: Statistics of Verus

Start at: 2018-03-21 06:04:46
End at: 2018-03-21 06:05:17
Local clock offset: 15.846 ms
Remote clock offset: -10.496 ms

Below is generated by plot.py at 2018-03-21 08:23:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 41.06 Mbit/s
95th percentile per-packet one-way delay: 144.816 ms
Loss rate: 57.49%
-- Flow 1:
Average throughput: 21.53 Mbit/s
95th percentile per-packet one-way delay: 134.717 ms
Loss rate: 18.38%
-- Flow 2:
Average throughput: 17.50 Mbit/s
95th percentile per-packet one-way delay: 131.456 ms
Loss rate: 46.53%
-- Flow 3:
Average throughput: 28.11 Mbit/s
95th percentile per-packet one-way delay: 157.739 ms
Loss rate: 81.68%

Run 6: Report of Verus — Data Link

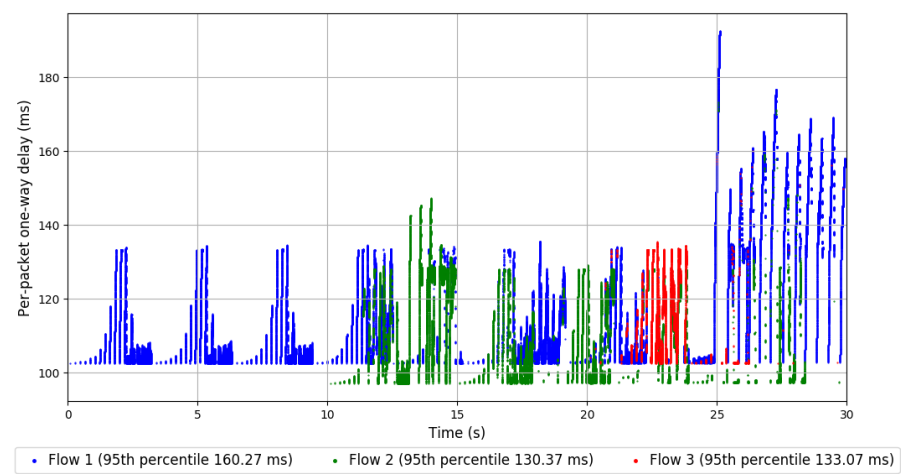
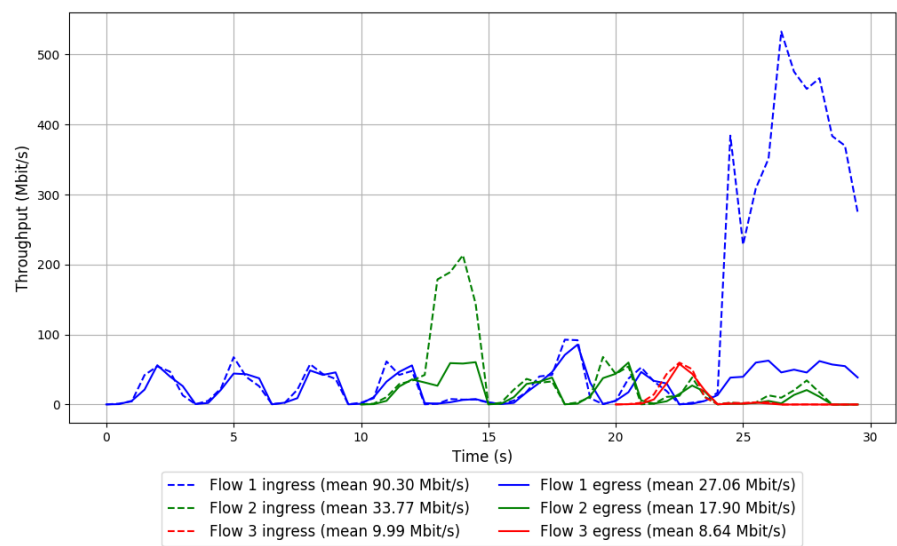


Run 7: Statistics of Verus

Start at: 2018-03-21 06:28:58
End at: 2018-03-21 06:29:28
Local clock offset: 24.483 ms
Remote clock offset: -11.737 ms

Below is generated by plot.py at 2018-03-21 08:23:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 41.65 Mbit/s
95th percentile per-packet one-way delay: 156.268 ms
Loss rate: 63.97%
-- Flow 1:
Average throughput: 27.06 Mbit/s
95th percentile per-packet one-way delay: 160.268 ms
Loss rate: 69.98%
-- Flow 2:
Average throughput: 17.90 Mbit/s
95th percentile per-packet one-way delay: 130.366 ms
Loss rate: 46.99%
-- Flow 3:
Average throughput: 8.64 Mbit/s
95th percentile per-packet one-way delay: 133.069 ms
Loss rate: 13.07%

Run 7: Report of Verus — Data Link

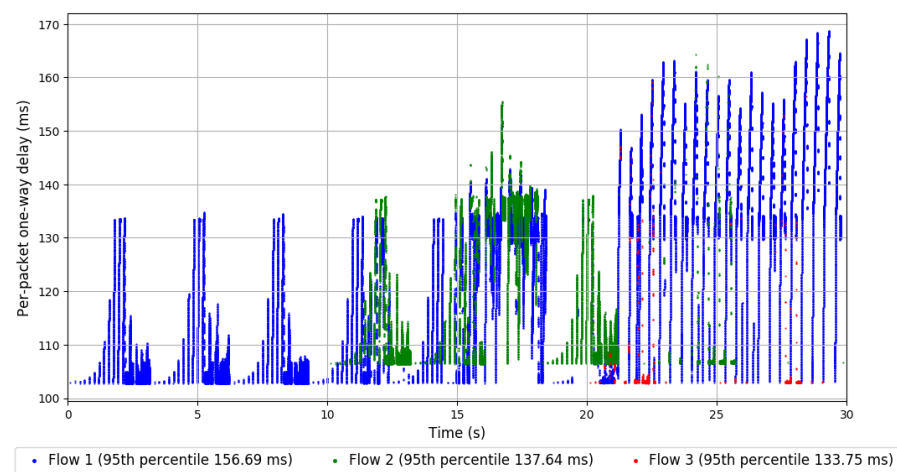
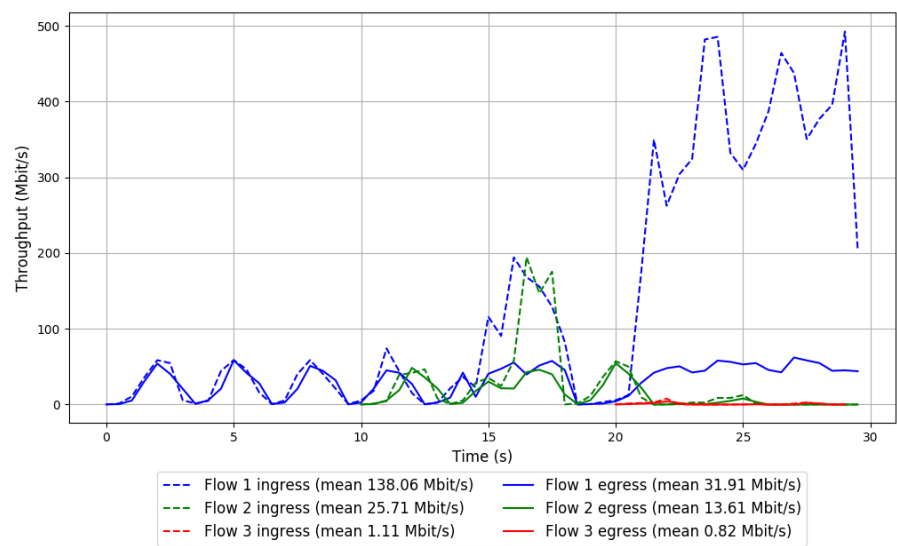


Run 8: Statistics of Verus

Start at: 2018-03-21 06:53:06
End at: 2018-03-21 06:53:37
Local clock offset: 31.346 ms
Remote clock offset: -8.965 ms

Below is generated by plot.py at 2018-03-21 08:23:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 41.10 Mbit/s
95th percentile per-packet one-way delay: 155.215 ms
Loss rate: 73.48%
-- Flow 1:
Average throughput: 31.91 Mbit/s
95th percentile per-packet one-way delay: 156.686 ms
Loss rate: 76.86%
-- Flow 2:
Average throughput: 13.61 Mbit/s
95th percentile per-packet one-way delay: 137.641 ms
Loss rate: 47.07%
-- Flow 3:
Average throughput: 0.82 Mbit/s
95th percentile per-packet one-way delay: 133.749 ms
Loss rate: 27.75%

Run 8: Report of Verus — Data Link

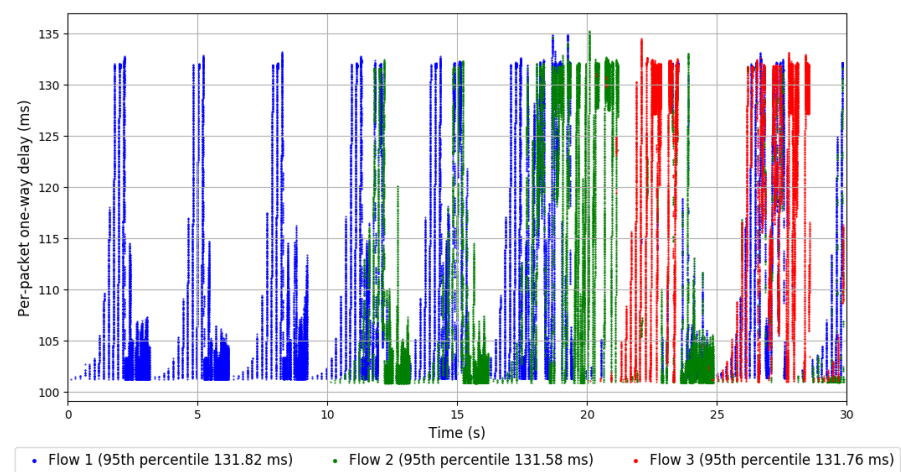
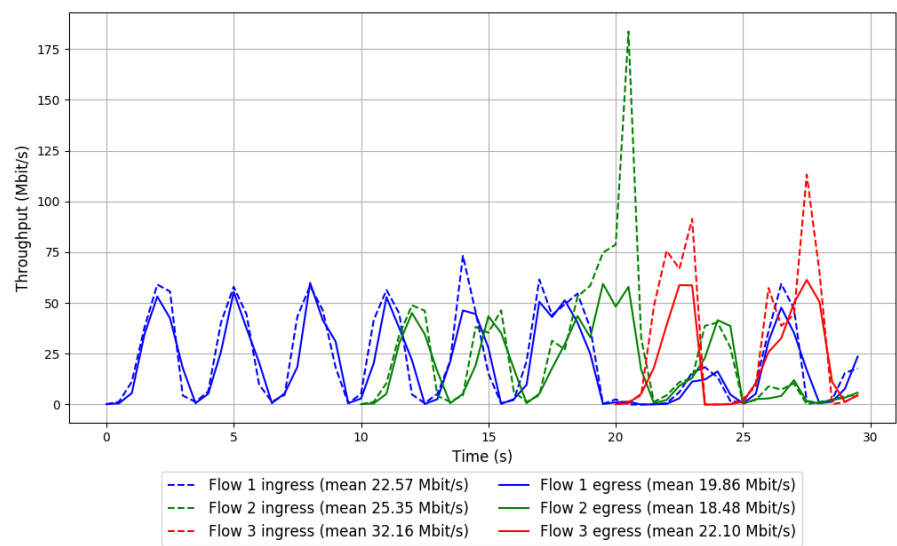


Run 9: Statistics of Verus

Start at: 2018-03-21 07:17:16
End at: 2018-03-21 07:17:46
Local clock offset: 37.881 ms
Remote clock offset: -10.296 ms

Below is generated by plot.py at 2018-03-21 08:23:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 39.33 Mbit/s
95th percentile per-packet one-way delay: 131.759 ms
Loss rate: 21.10%
-- Flow 1:
Average throughput: 19.86 Mbit/s
95th percentile per-packet one-way delay: 131.822 ms
Loss rate: 11.92%
-- Flow 2:
Average throughput: 18.48 Mbit/s
95th percentile per-packet one-way delay: 131.582 ms
Loss rate: 27.10%
-- Flow 3:
Average throughput: 22.10 Mbit/s
95th percentile per-packet one-way delay: 131.759 ms
Loss rate: 31.18%

Run 9: Report of Verus — Data Link

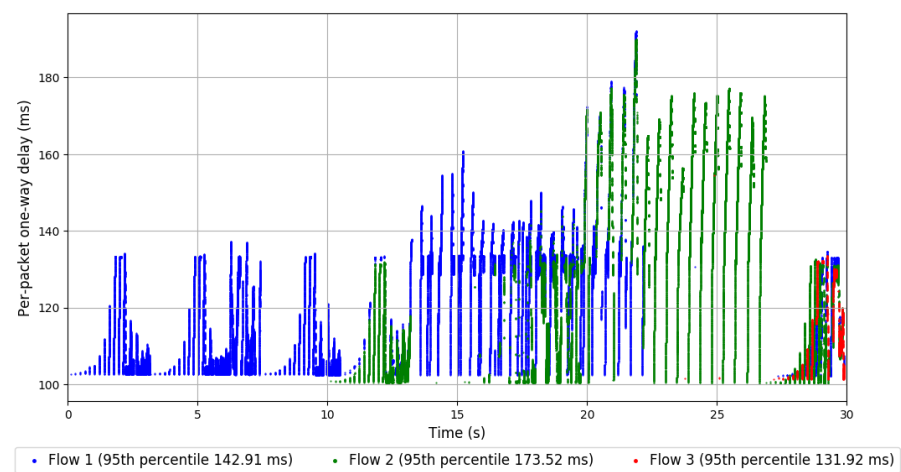
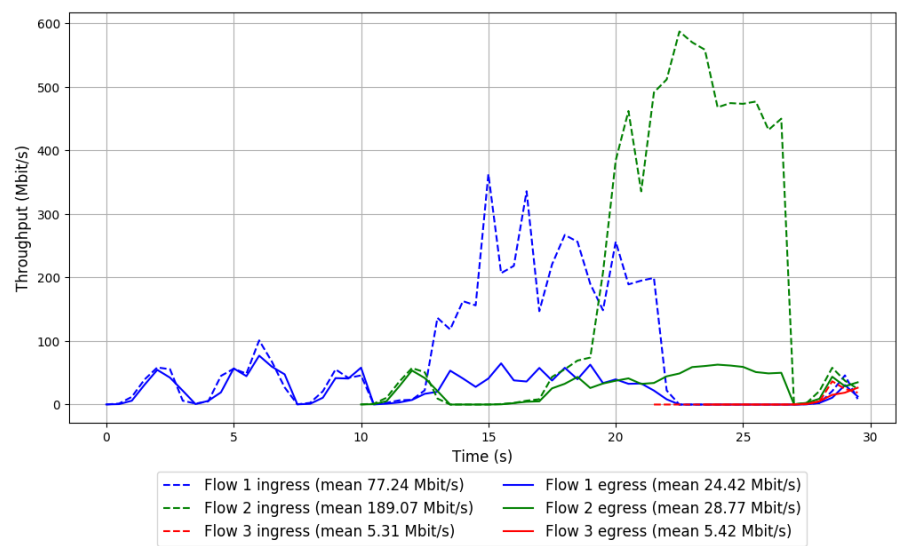


Run 10: Statistics of Verus

Start at: 2018-03-21 07:41:22
End at: 2018-03-21 07:41:52
Local clock offset: -14.401 ms
Remote clock offset: -11.5 ms

Below is generated by plot.py at 2018-03-21 08:23:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 44.60 Mbit/s
95th percentile per-packet one-way delay: 168.590 ms
Loss rate: 78.12%
-- Flow 1:
Average throughput: 24.42 Mbit/s
95th percentile per-packet one-way delay: 142.905 ms
Loss rate: 68.38%
-- Flow 2:
Average throughput: 28.77 Mbit/s
95th percentile per-packet one-way delay: 173.521 ms
Loss rate: 84.77%
-- Flow 3:
Average throughput: 5.42 Mbit/s
95th percentile per-packet one-way delay: 131.921 ms
Loss rate: 22.97%

Run 10: Report of Verus — Data Link

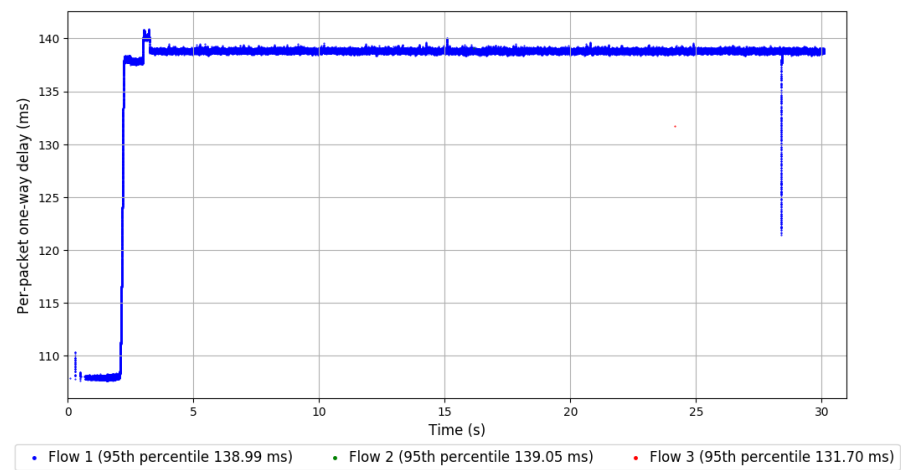
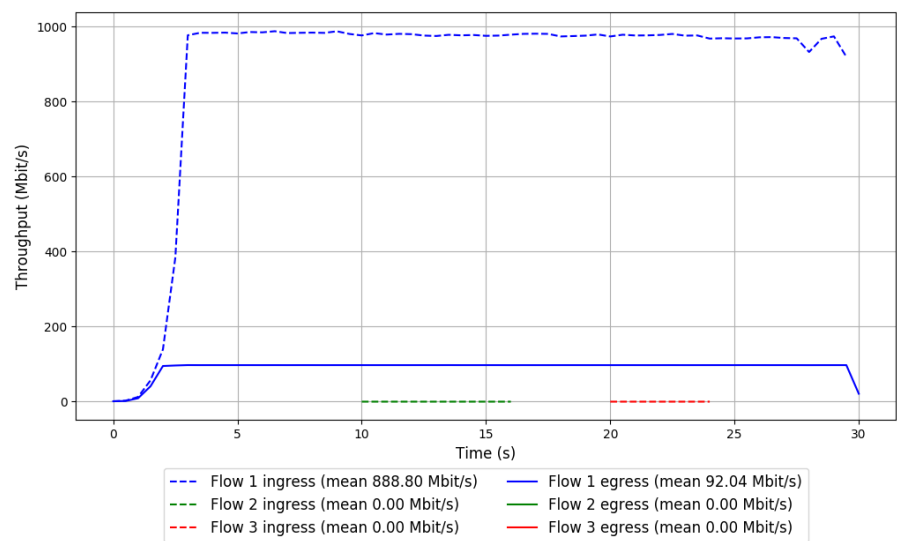


Run 1: Statistics of Copa

Start at: 2018-03-21 04:00:47
End at: 2018-03-21 04:01:17
Local clock offset: -6.262 ms
Remote clock offset: -0.516 ms

Below is generated by plot.py at 2018-03-21 08:29:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.04 Mbit/s
95th percentile per-packet one-way delay: 138.994 ms
Loss rate: 89.63%
-- Flow 1:
Average throughput: 92.04 Mbit/s
95th percentile per-packet one-way delay: 138.994 ms
Loss rate: 89.63%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 139.048 ms
Loss rate: 75.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 131.703 ms
Loss rate: 66.67%

Run 1: Report of Copa — Data Link

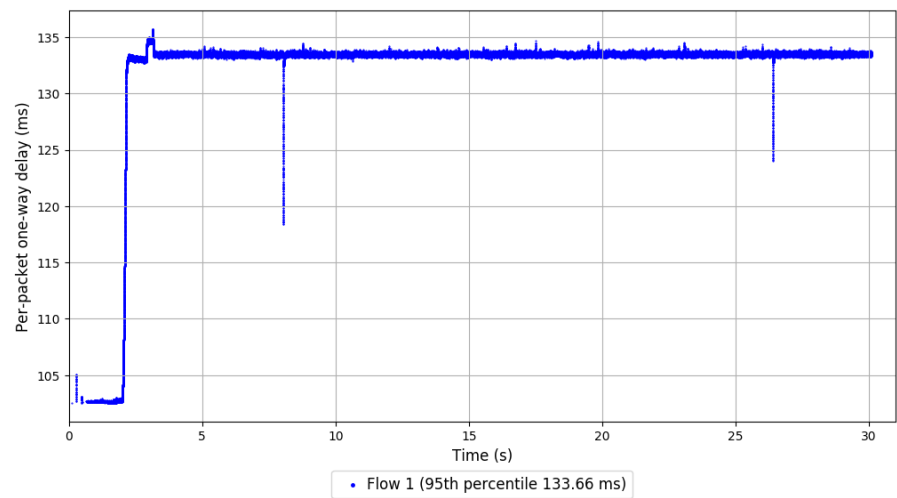
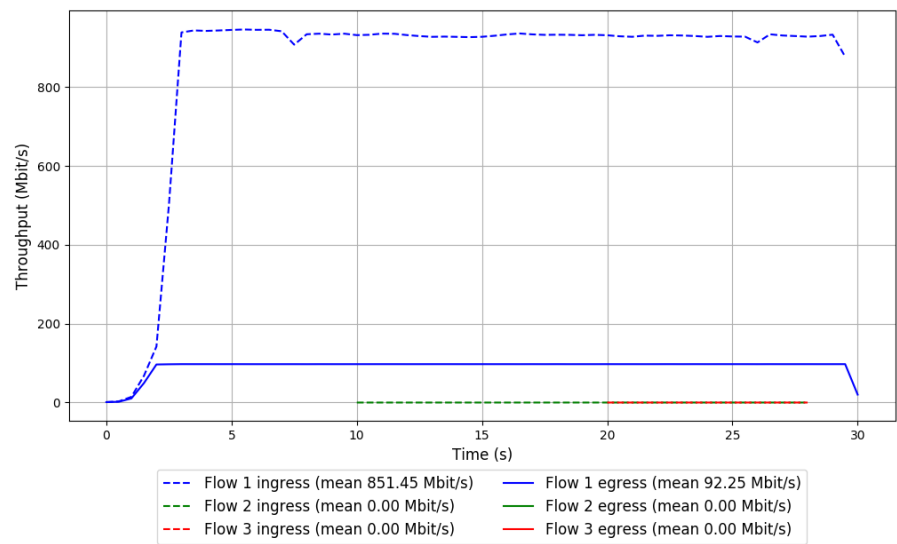


Run 2: Statistics of Copa

Start at: 2018-03-21 04:25:19
End at: 2018-03-21 04:25:49
Local clock offset: -7.131 ms
Remote clock offset: -1.757 ms

Below is generated by plot.py at 2018-03-21 08:29:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.25 Mbit/s
95th percentile per-packet one-way delay: 133.658 ms
Loss rate: 89.15%
-- Flow 1:
Average throughput: 92.25 Mbit/s
95th percentile per-packet one-way delay: 133.658 ms
Loss rate: 89.15%
-- Flow 2:
Average throughput: 0.00 Mbit/s
-- Flow 3:
Average throughput: 0.00 Mbit/s

Run 2: Report of Copa — Data Link

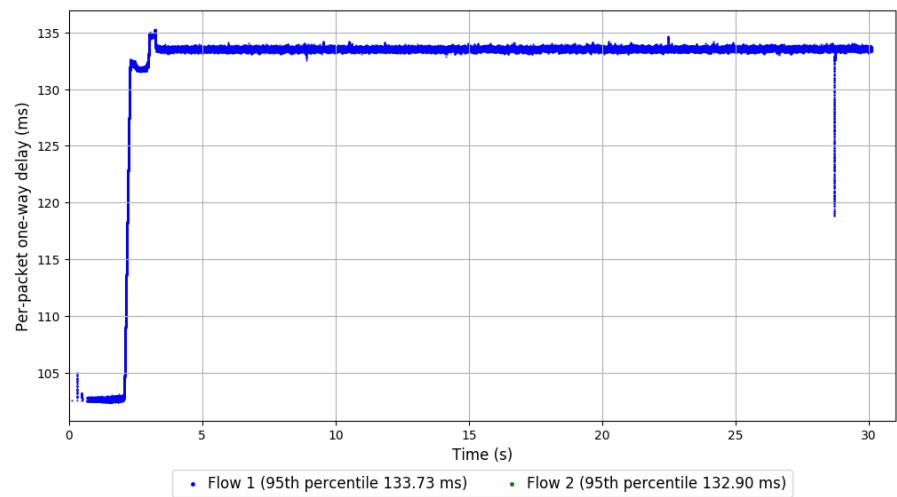
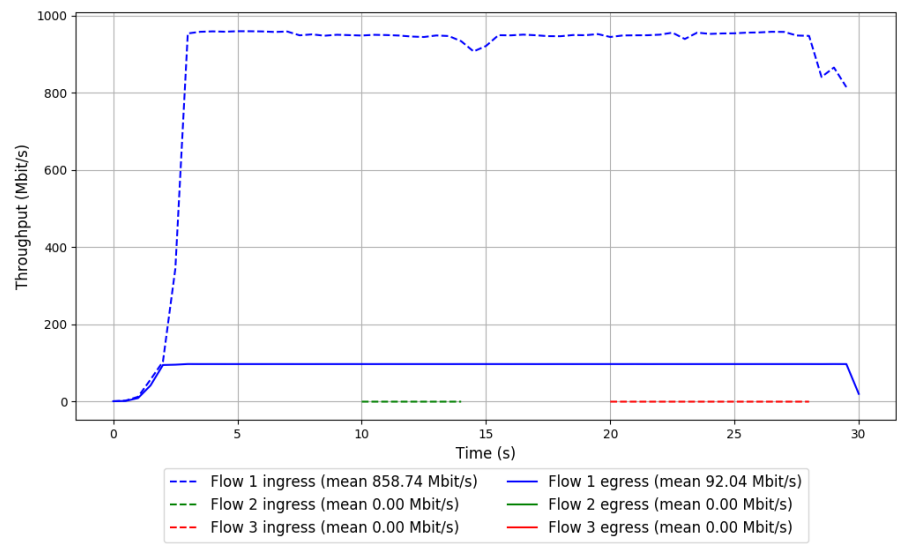


Run 3: Statistics of Copa

Start at: 2018-03-21 04:49:23
End at: 2018-03-21 04:49:53
Local clock offset: -5.956 ms
Remote clock offset: -6.751 ms

Below is generated by plot.py at 2018-03-21 08:29:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.04 Mbit/s
95th percentile per-packet one-way delay: 133.727 ms
Loss rate: 89.27%
-- Flow 1:
Average throughput: 92.04 Mbit/s
95th percentile per-packet one-way delay: 133.727 ms
Loss rate: 89.27%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 132.903 ms
Loss rate: 66.67%
-- Flow 3:
Average throughput: 0.00 Mbit/s

Run 3: Report of Copa — Data Link

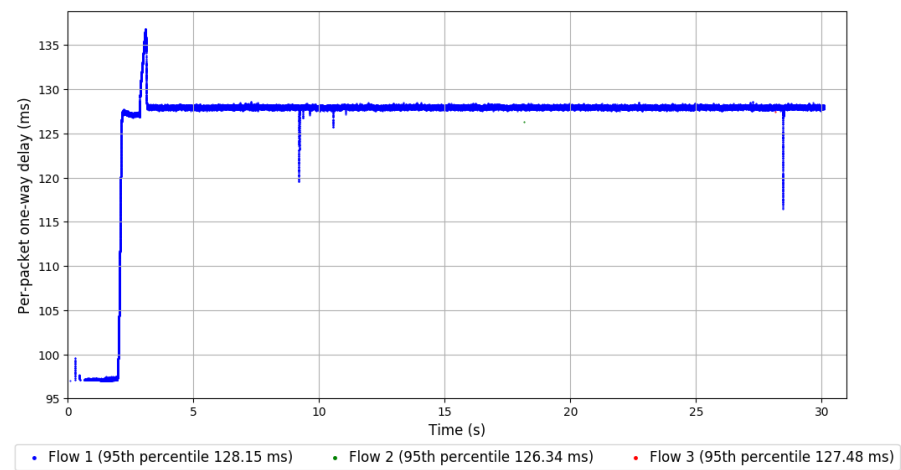
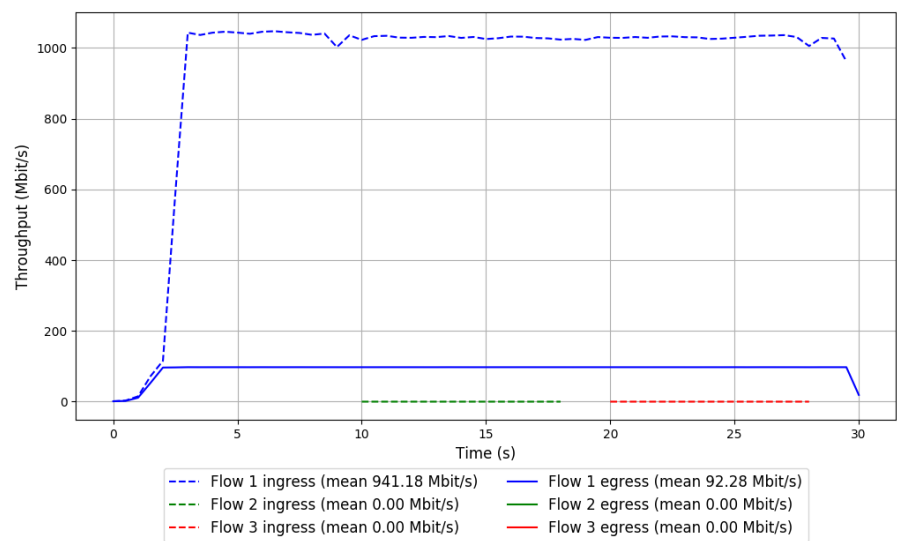


Run 4: Statistics of Copa

Start at: 2018-03-21 05:13:29
End at: 2018-03-21 05:13:59
Local clock offset: -6.391 ms
Remote clock offset: -7.936 ms

Below is generated by plot.py at 2018-03-21 08:29:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.28 Mbit/s
95th percentile per-packet one-way delay: 128.152 ms
Loss rate: 90.18%
-- Flow 1:
Average throughput: 92.28 Mbit/s
95th percentile per-packet one-way delay: 128.152 ms
Loss rate: 90.18%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 126.337 ms
Loss rate: 80.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 127.481 ms
Loss rate: 80.00%

Run 4: Report of Copa — Data Link

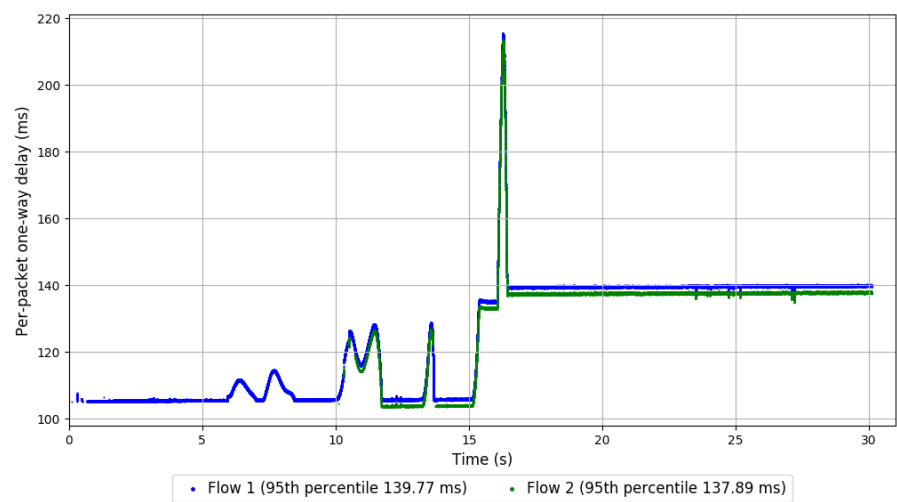
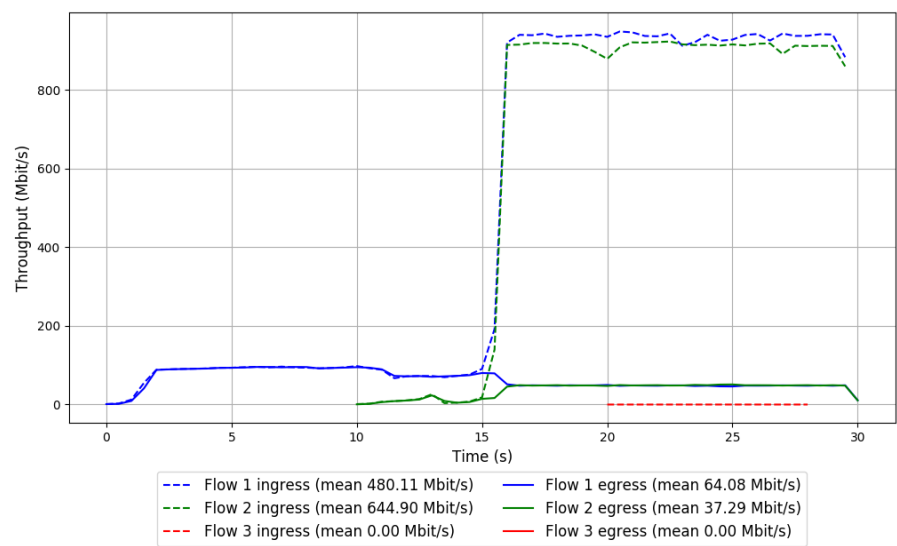


Run 5: Statistics of Copa

Start at: 2018-03-21 05:37:40
End at: 2018-03-21 05:38:10
Local clock offset: -5.669 ms
Remote clock offset: -9.145 ms

Below is generated by plot.py at 2018-03-21 08:29:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.93 Mbit/s
95th percentile per-packet one-way delay: 139.747 ms
Loss rate: 90.21%
-- Flow 1:
Average throughput: 64.08 Mbit/s
95th percentile per-packet one-way delay: 139.769 ms
Loss rate: 86.64%
-- Flow 2:
Average throughput: 37.29 Mbit/s
95th percentile per-packet one-way delay: 137.890 ms
Loss rate: 94.21%
-- Flow 3:
Average throughput: 0.00 Mbit/s

Run 5: Report of Copa — Data Link

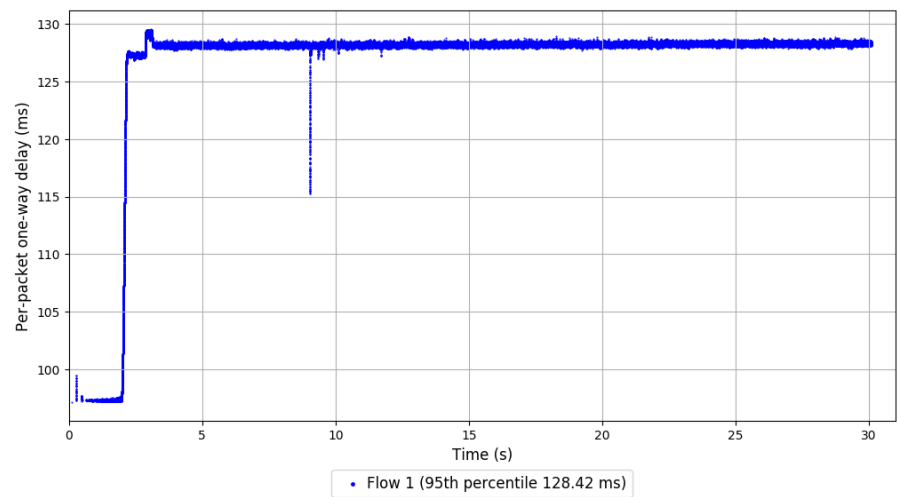
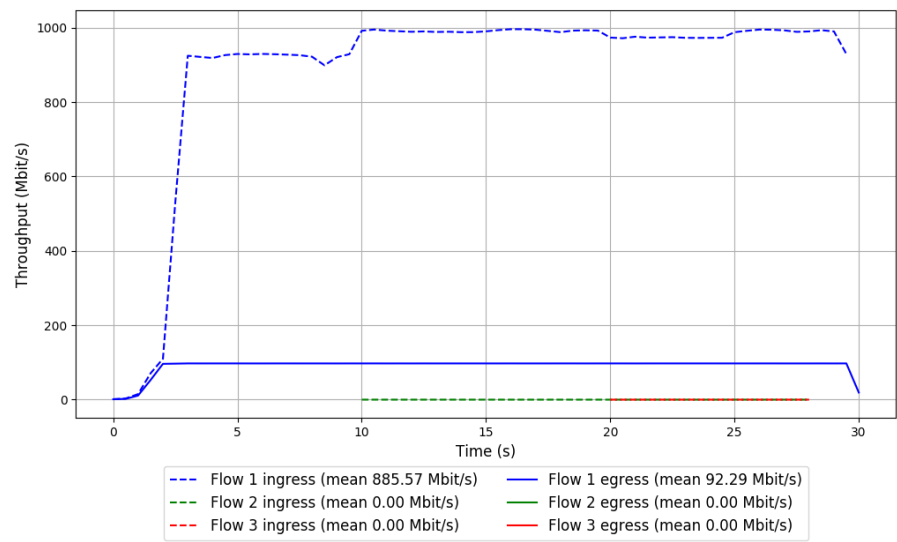


Run 6: Statistics of Copa

Start at: 2018-03-21 06:01:51
End at: 2018-03-21 06:02:21
Local clock offset: 14.881 ms
Remote clock offset: -10.354 ms

Below is generated by plot.py at 2018-03-21 08:29:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.29 Mbit/s
95th percentile per-packet one-way delay: 128.417 ms
Loss rate: 89.57%
-- Flow 1:
Average throughput: 92.29 Mbit/s
95th percentile per-packet one-way delay: 128.417 ms
Loss rate: 89.57%
-- Flow 2:
Average throughput: 0.00 Mbit/s
-- Flow 3:
Average throughput: 0.00 Mbit/s

Run 6: Report of Copa — Data Link

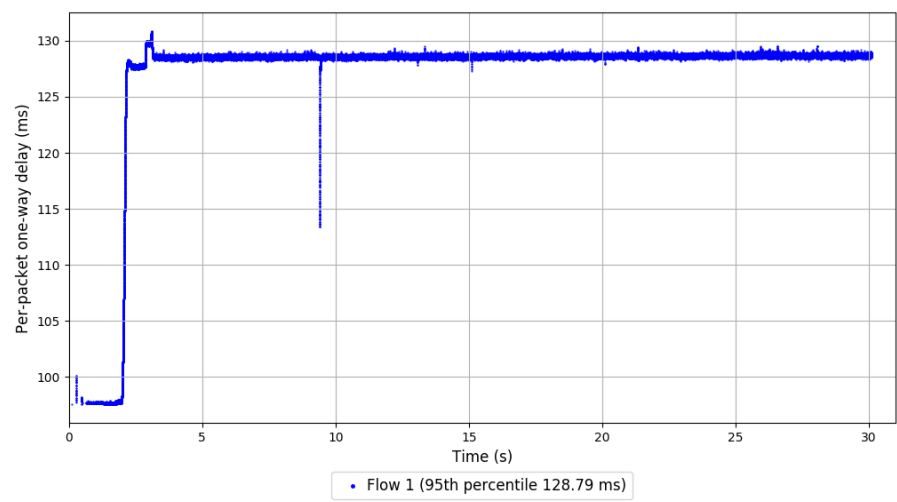
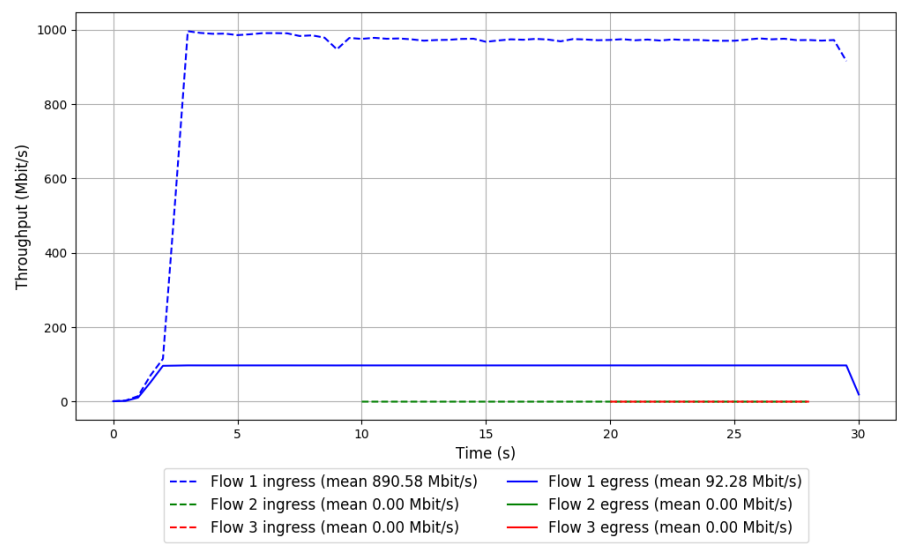


Run 7: Statistics of Copa

Start at: 2018-03-21 06:26:01
End at: 2018-03-21 06:26:31
Local clock offset: 23.63 ms
Remote clock offset: -11.652 ms

Below is generated by plot.py at 2018-03-21 08:29:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.28 Mbit/s
95th percentile per-packet one-way delay: 128.786 ms
Loss rate: 89.63%
-- Flow 1:
Average throughput: 92.28 Mbit/s
95th percentile per-packet one-way delay: 128.786 ms
Loss rate: 89.63%
-- Flow 2:
Average throughput: 0.00 Mbit/s
-- Flow 3:
Average throughput: 0.00 Mbit/s

Run 7: Report of Copa — Data Link

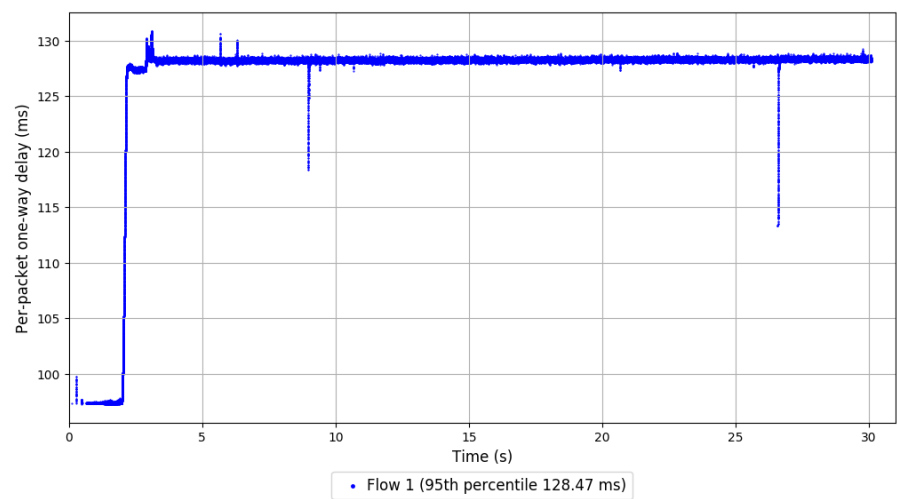
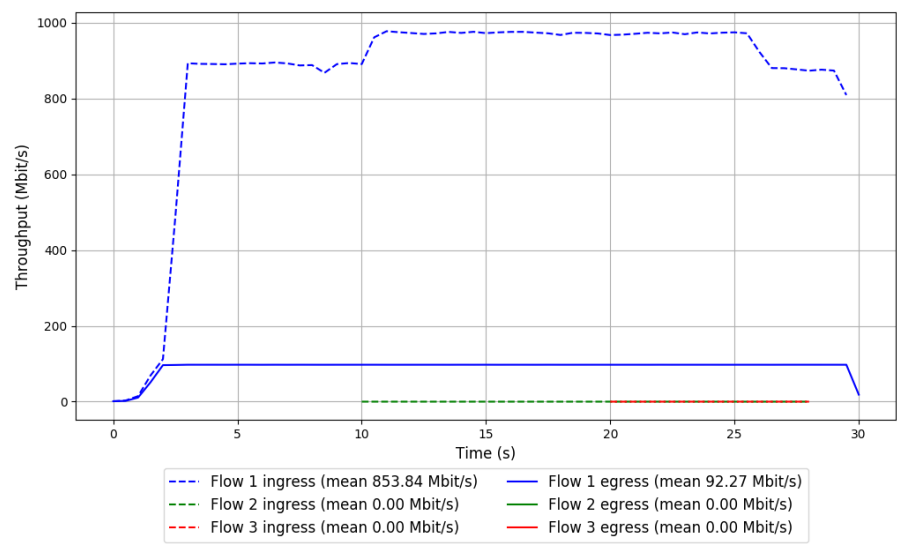


Run 8: Statistics of Copa

Start at: 2018-03-21 06:50:10
End at: 2018-03-21 06:50:40
Local clock offset: 30.496 ms
Remote clock offset: -12.724 ms

Below is generated by plot.py at 2018-03-21 08:29:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.27 Mbit/s
95th percentile per-packet one-way delay: 128.469 ms
Loss rate: 89.18%
-- Flow 1:
Average throughput: 92.27 Mbit/s
95th percentile per-packet one-way delay: 128.469 ms
Loss rate: 89.18%
-- Flow 2:
Average throughput: 0.00 Mbit/s
-- Flow 3:
Average throughput: 0.00 Mbit/s

Run 8: Report of Copa — Data Link

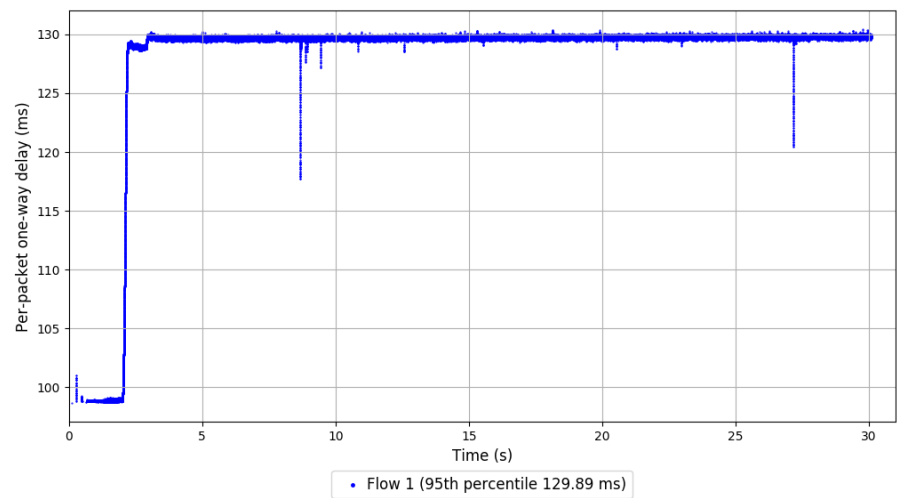
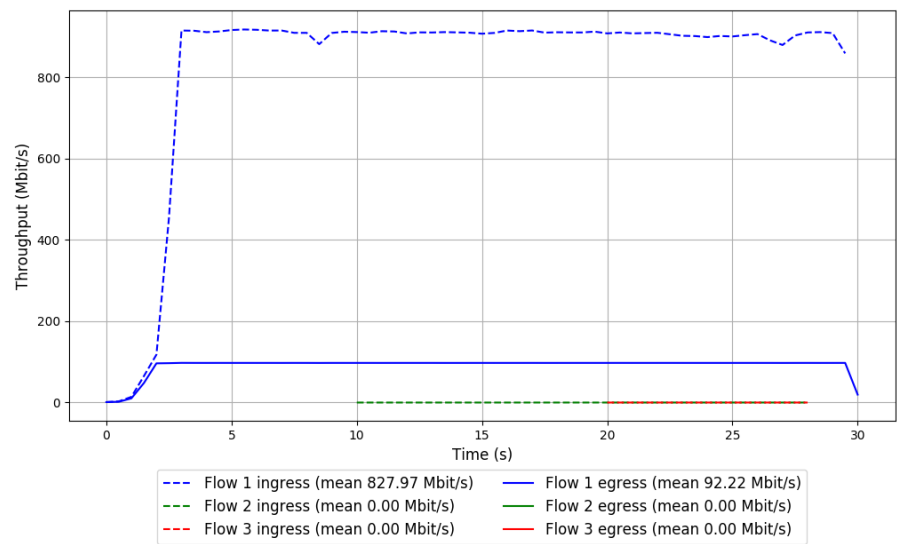


Run 9: Statistics of Copa

Start at: 2018-03-21 07:14:20
End at: 2018-03-21 07:14:50
Local clock offset: 37.138 ms
Remote clock offset: -13.975 ms

Below is generated by plot.py at 2018-03-21 08:36:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.22 Mbit/s
95th percentile per-packet one-way delay: 129.888 ms
Loss rate: 88.85%
-- Flow 1:
Average throughput: 92.22 Mbit/s
95th percentile per-packet one-way delay: 129.888 ms
Loss rate: 88.85%
-- Flow 2:
Average throughput: 0.00 Mbit/s
-- Flow 3:
Average throughput: 0.00 Mbit/s

Run 9: Report of Copa — Data Link

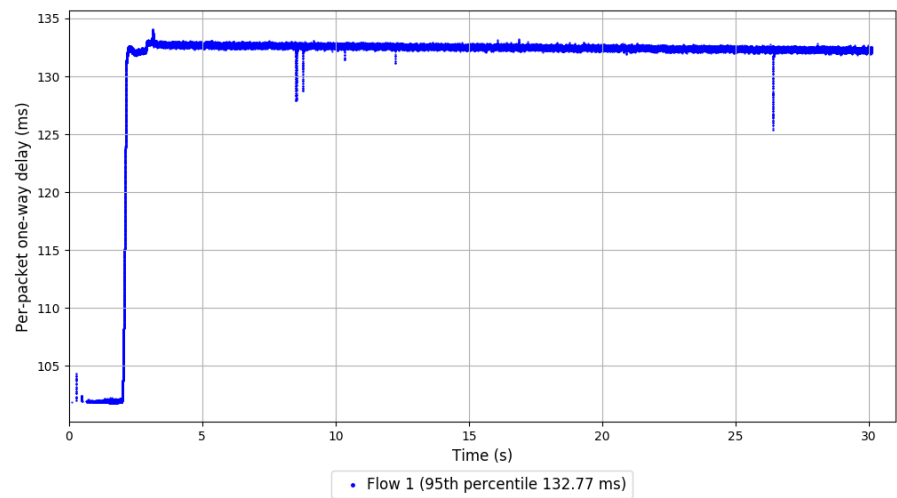
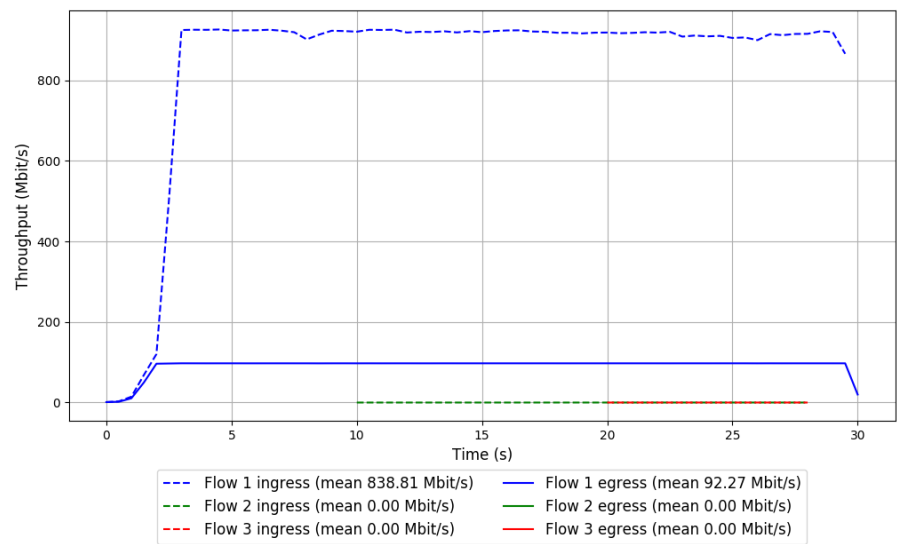


Run 10: Statistics of Copa

Start at: 2018-03-21 07:38:26
End at: 2018-03-21 07:38:56
Local clock offset: -11.498 ms
Remote clock offset: -11.403 ms

Below is generated by plot.py at 2018-03-21 08:36:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.27 Mbit/s
95th percentile per-packet one-way delay: 132.770 ms
Loss rate: 88.99%
-- Flow 1:
Average throughput: 92.27 Mbit/s
95th percentile per-packet one-way delay: 132.770 ms
Loss rate: 88.99%
-- Flow 2:
Average throughput: 0.00 Mbit/s
-- Flow 3:
Average throughput: 0.00 Mbit/s

Run 10: Report of Copa — Data Link

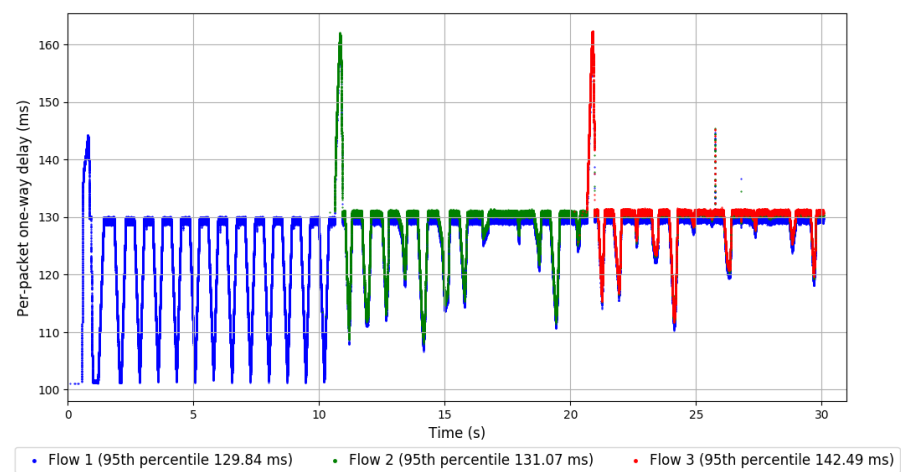
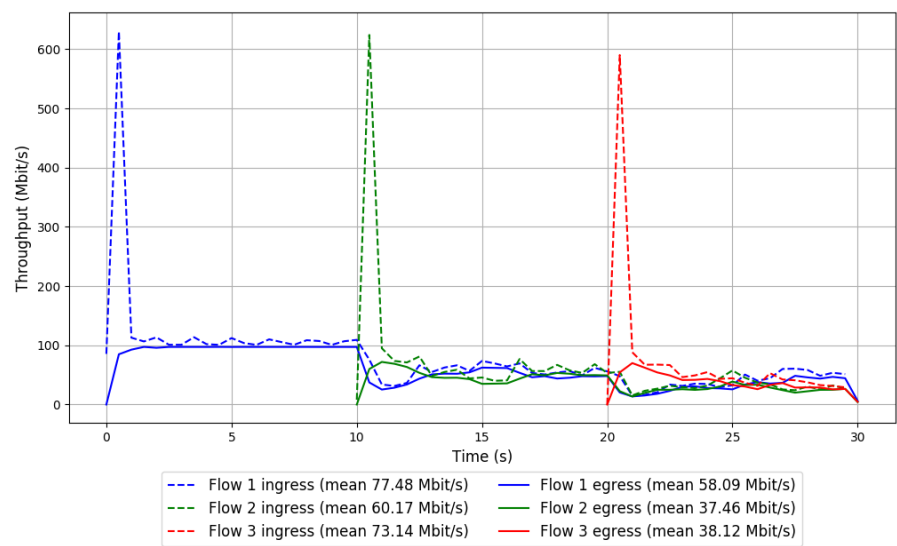


Run 1: Statistics of FillP

Start at: 2018-03-21 03:56:43
End at: 2018-03-21 03:57:13
Local clock offset: -5.678 ms
Remote clock offset: -0.365 ms

Below is generated by plot.py at 2018-03-21 08:36:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.67 Mbit/s
95th percentile per-packet one-way delay: 131.097 ms
Loss rate: 32.47%
-- Flow 1:
Average throughput: 58.09 Mbit/s
95th percentile per-packet one-way delay: 129.841 ms
Loss rate: 24.95%
-- Flow 2:
Average throughput: 37.46 Mbit/s
95th percentile per-packet one-way delay: 131.070 ms
Loss rate: 37.69%
-- Flow 3:
Average throughput: 38.12 Mbit/s
95th percentile per-packet one-way delay: 142.485 ms
Loss rate: 47.88%

Run 1: Report of FillP — Data Link

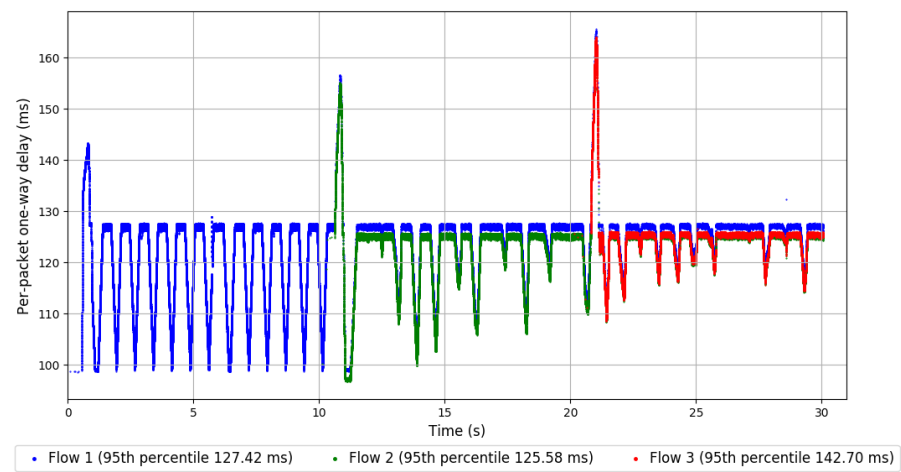
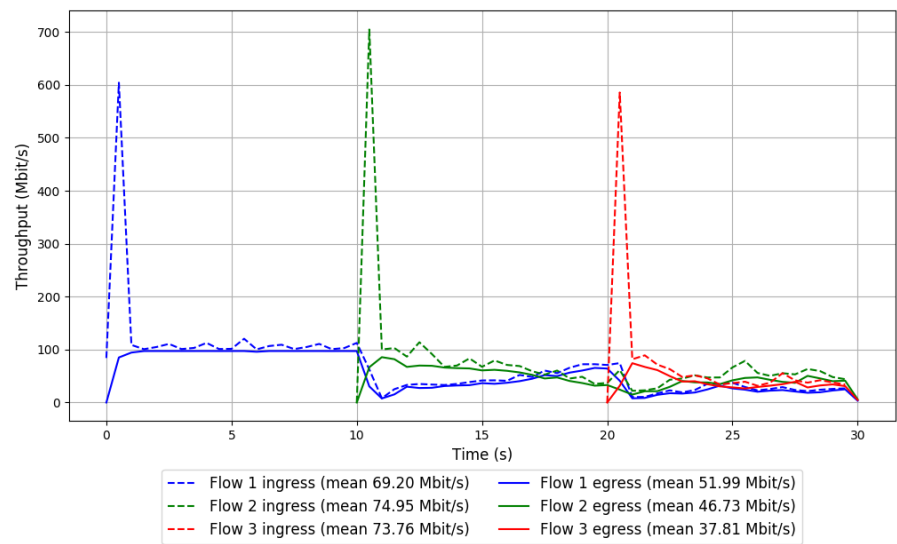


Run 2: Statistics of FillP

Start at: 2018-03-21 04:21:06
End at: 2018-03-21 04:21:36
Local clock offset: -7.079 ms
Remote clock offset: -5.307 ms

Below is generated by plot.py at 2018-03-21 08:36:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.63 Mbit/s
95th percentile per-packet one-way delay: 127.404 ms
Loss rate: 33.32%
-- Flow 1:
Average throughput: 51.99 Mbit/s
95th percentile per-packet one-way delay: 127.425 ms
Loss rate: 24.81%
-- Flow 2:
Average throughput: 46.73 Mbit/s
95th percentile per-packet one-way delay: 125.583 ms
Loss rate: 37.58%
-- Flow 3:
Average throughput: 37.81 Mbit/s
95th percentile per-packet one-way delay: 142.701 ms
Loss rate: 48.74%

Run 2: Report of FillP — Data Link

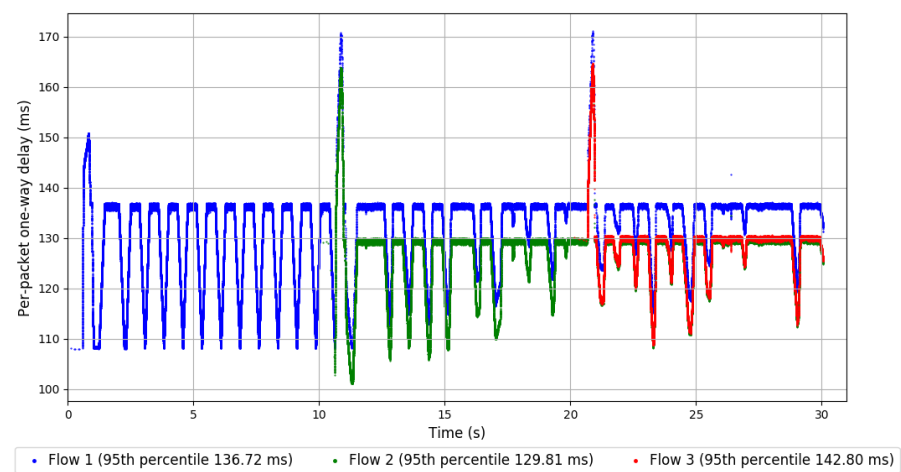
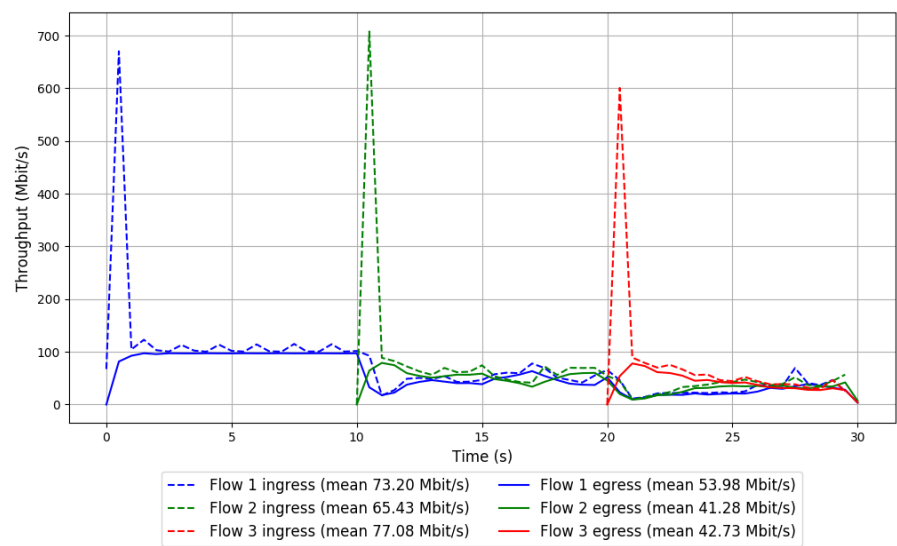


Run 3: Statistics of FillP

Start at: 2018-03-21 04:45:19
End at: 2018-03-21 04:45:49
Local clock offset: -6.128 ms
Remote clock offset: -2.625 ms

Below is generated by plot.py at 2018-03-21 08:36:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.59 Mbit/s
95th percentile per-packet one-way delay: 136.706 ms
Loss rate: 32.78%
-- Flow 1:
Average throughput: 53.98 Mbit/s
95th percentile per-packet one-way delay: 136.724 ms
Loss rate: 26.21%
-- Flow 2:
Average throughput: 41.28 Mbit/s
95th percentile per-packet one-way delay: 129.811 ms
Loss rate: 36.92%
-- Flow 3:
Average throughput: 42.73 Mbit/s
95th percentile per-packet one-way delay: 142.803 ms
Loss rate: 44.59%

Run 3: Report of FillP — Data Link

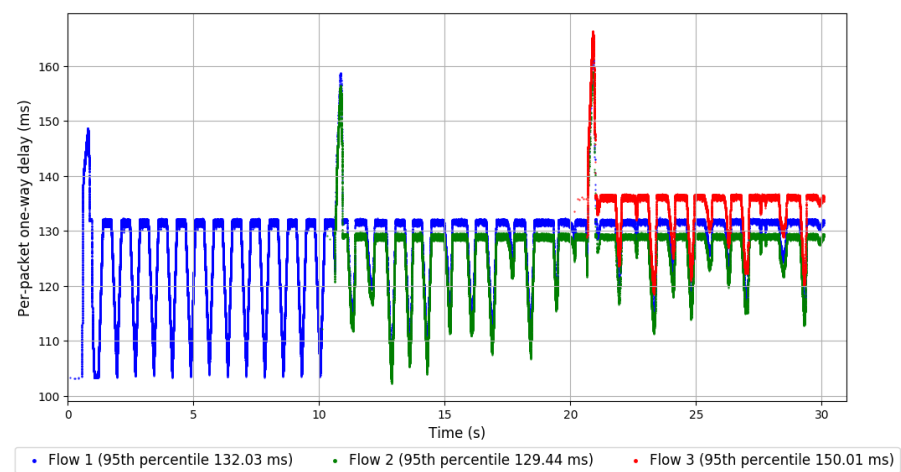
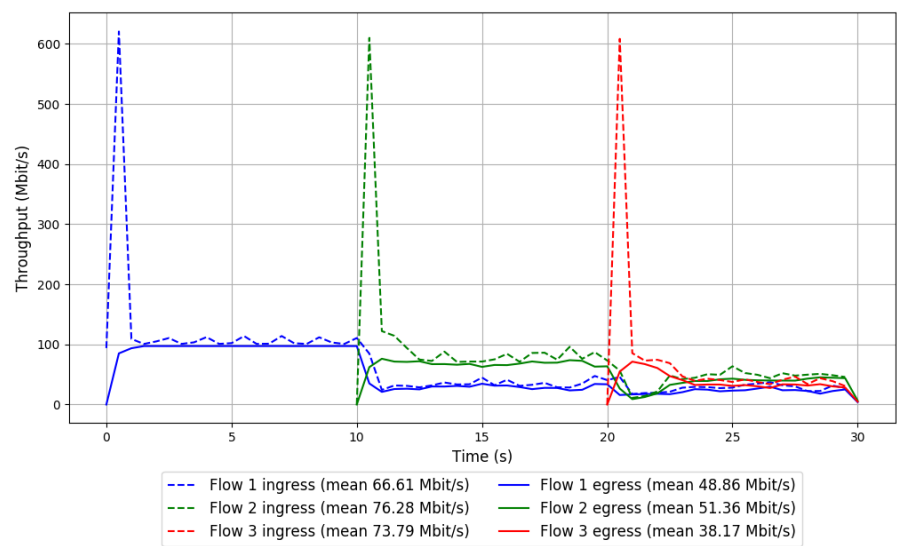


Run 4: Statistics of FillP

Start at: 2018-03-21 05:09:24
End at: 2018-03-21 05:09:54
Local clock offset: -6.24 ms
Remote clock offset: -3.901 ms

Below is generated by plot.py at 2018-03-21 08:36:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.72 Mbit/s
95th percentile per-packet one-way delay: 136.371 ms
Loss rate: 32.49%
-- Flow 1:
Average throughput: 48.86 Mbit/s
95th percentile per-packet one-way delay: 132.035 ms
Loss rate: 26.59%
-- Flow 2:
Average throughput: 51.36 Mbit/s
95th percentile per-packet one-way delay: 129.440 ms
Loss rate: 32.61%
-- Flow 3:
Average throughput: 38.17 Mbit/s
95th percentile per-packet one-way delay: 150.013 ms
Loss rate: 48.28%

Run 4: Report of FillP — Data Link

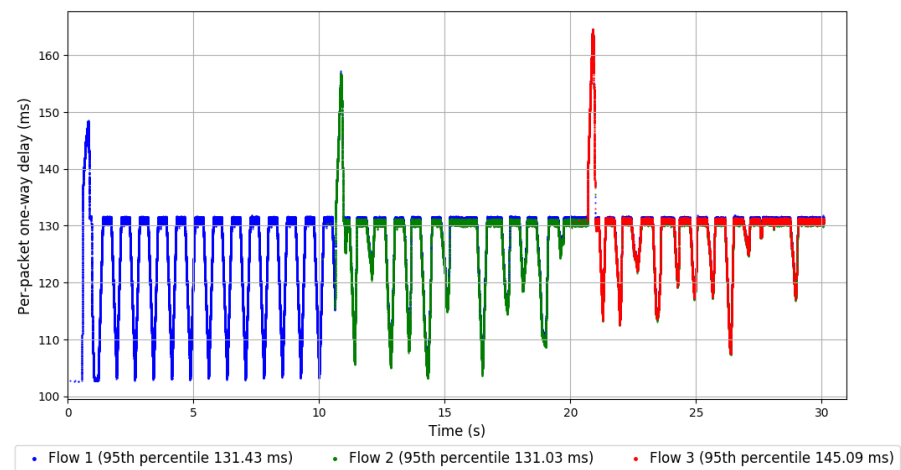
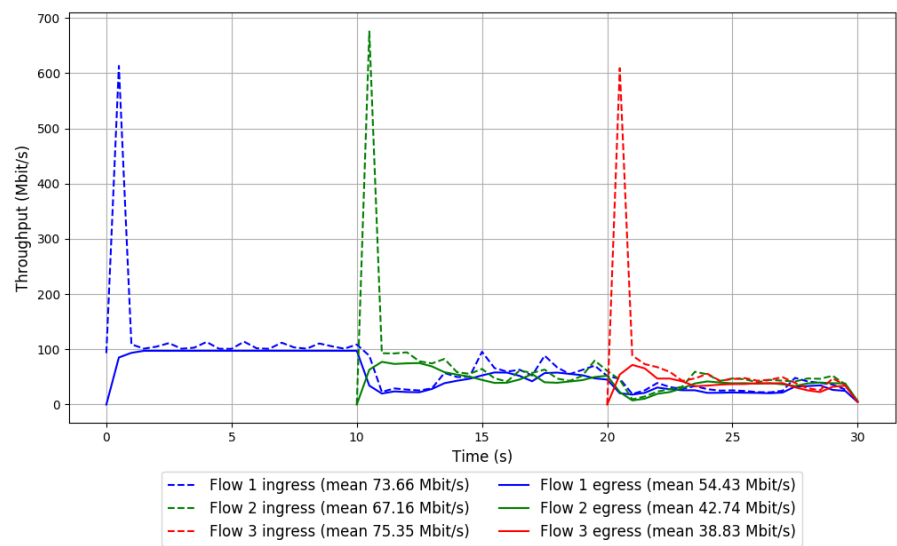


Run 5: Statistics of FillP

Start at: 2018-03-21 05:33:36
End at: 2018-03-21 05:34:06
Local clock offset: -6.768 ms
Remote clock offset: -5.179 ms

Below is generated by plot.py at 2018-03-21 08:36:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.72 Mbit/s
95th percentile per-packet one-way delay: 131.414 ms
Loss rate: 33.16%
-- Flow 1:
Average throughput: 54.43 Mbit/s
95th percentile per-packet one-way delay: 131.428 ms
Loss rate: 26.04%
-- Flow 2:
Average throughput: 42.74 Mbit/s
95th percentile per-packet one-way delay: 131.027 ms
Loss rate: 36.35%
-- Flow 3:
Average throughput: 38.83 Mbit/s
95th percentile per-packet one-way delay: 145.085 ms
Loss rate: 48.46%

Run 5: Report of FillP — Data Link

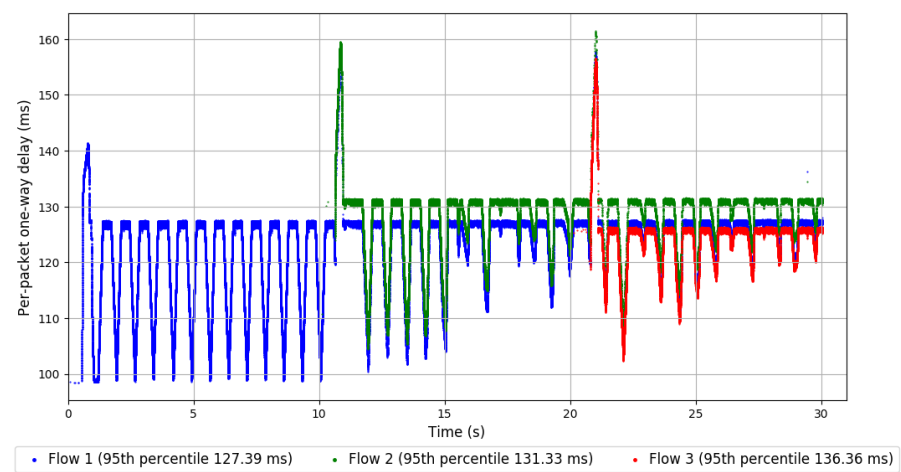
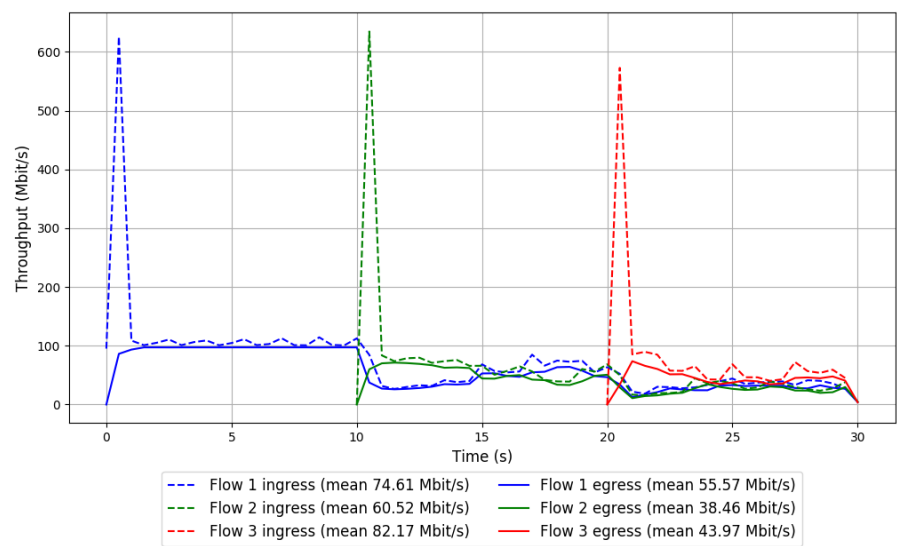


Run 6: Statistics of FillP

Start at: 2018-03-21 05:57:47
End at: 2018-03-21 05:58:17
Local clock offset: 13.36 ms
Remote clock offset: -10.195 ms

Below is generated by plot.py at 2018-03-21 08:36:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.72 Mbit/s
95th percentile per-packet one-way delay: 131.194 ms
Loss rate: 32.58%
-- Flow 1:
Average throughput: 55.57 Mbit/s
95th percentile per-packet one-way delay: 127.386 ms
Loss rate: 25.45%
-- Flow 2:
Average throughput: 38.46 Mbit/s
95th percentile per-packet one-way delay: 131.334 ms
Loss rate: 36.39%
-- Flow 3:
Average throughput: 43.97 Mbit/s
95th percentile per-packet one-way delay: 136.363 ms
Loss rate: 46.48%

Run 6: Report of FillP — Data Link

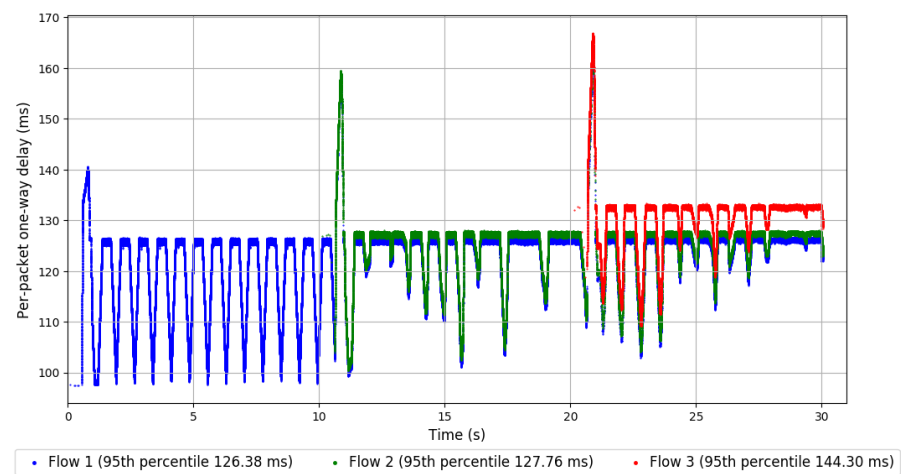
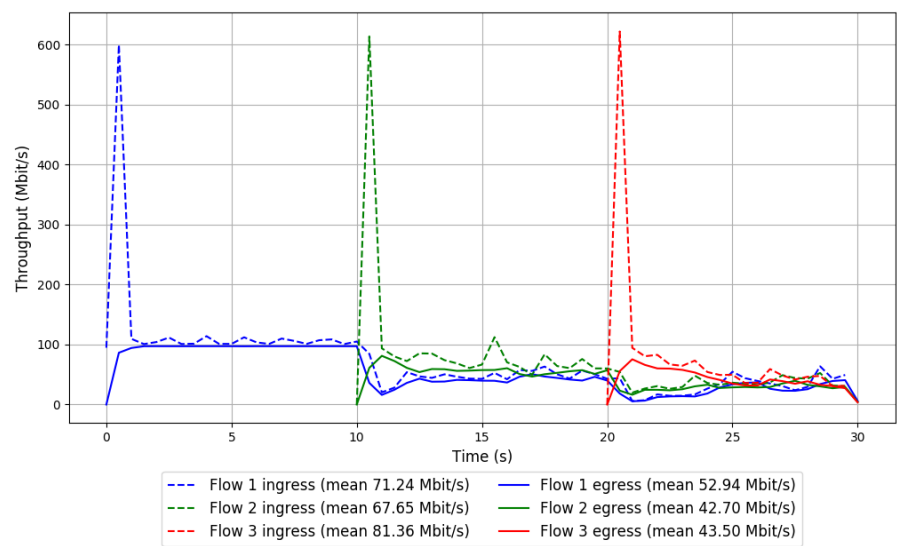


Run 7: Statistics of FillP

Start at: 2018-03-21 06:21:56
End at: 2018-03-21 06:22:26
Local clock offset: 22.247 ms
Remote clock offset: -11.456 ms

Below is generated by plot.py at 2018-03-21 08:36:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.73 Mbit/s
95th percentile per-packet one-way delay: 132.817 ms
Loss rate: 33.11%
-- Flow 1:
Average throughput: 52.94 Mbit/s
95th percentile per-packet one-way delay: 126.376 ms
Loss rate: 25.63%
-- Flow 2:
Average throughput: 42.70 Mbit/s
95th percentile per-packet one-way delay: 127.758 ms
Loss rate: 36.89%
-- Flow 3:
Average throughput: 43.50 Mbit/s
95th percentile per-packet one-way delay: 144.299 ms
Loss rate: 46.58%

Run 7: Report of FillP — Data Link

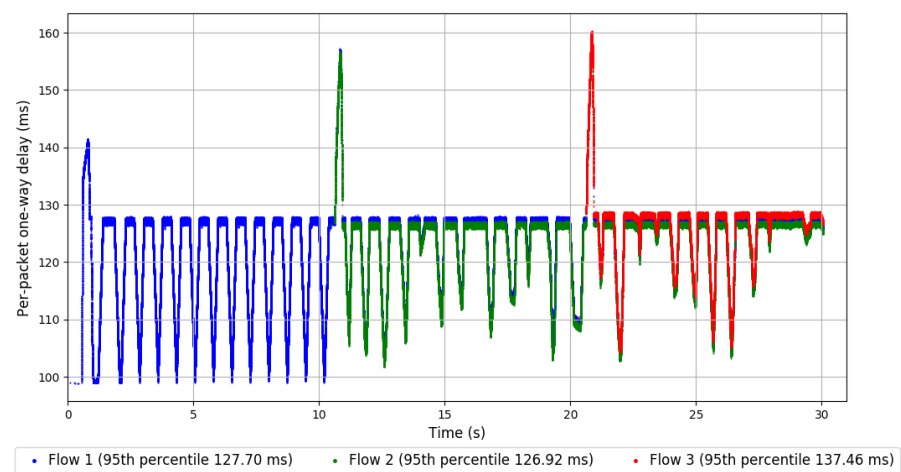
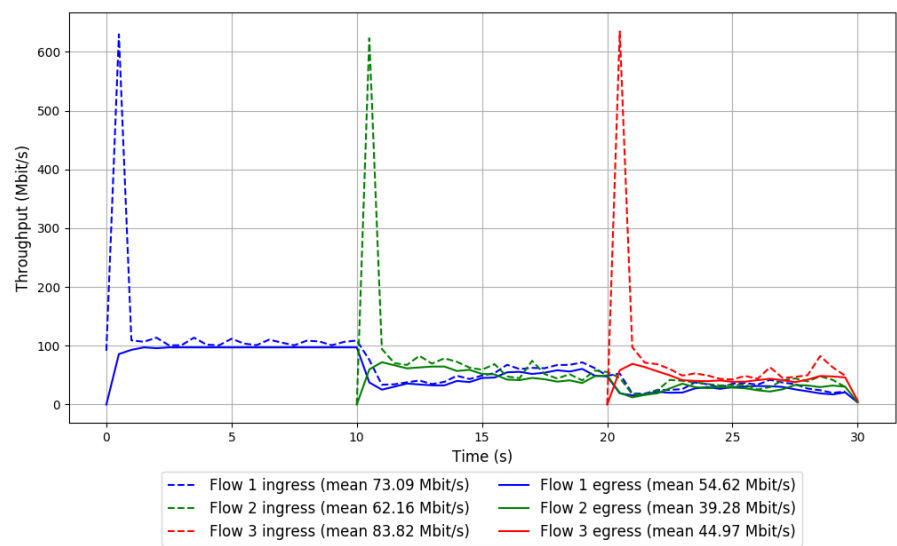


Run 8: Statistics of FillP

Start at: 2018-03-21 06:46:04
End at: 2018-03-21 06:46:34
Local clock offset: 29.392 ms
Remote clock offset: -12.483 ms

Below is generated by plot.py at 2018-03-21 08:36:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.68 Mbit/s
95th percentile per-packet one-way delay: 128.441 ms
Loss rate: 32.67%
-- Flow 1:
Average throughput: 54.62 Mbit/s
95th percentile per-packet one-way delay: 127.697 ms
Loss rate: 25.19%
-- Flow 2:
Average throughput: 39.28 Mbit/s
95th percentile per-packet one-way delay: 126.925 ms
Loss rate: 36.75%
-- Flow 3:
Average throughput: 44.97 Mbit/s
95th percentile per-packet one-way delay: 137.457 ms
Loss rate: 46.27%

Run 8: Report of FillP — Data Link



Run 9: Statistics of FillP

Start at: 2018-03-21 07:10:15

End at: 2018-03-21 07:10:45

Local clock offset: 36.052 ms

Remote clock offset: -9.97 ms

Below is generated by plot.py at 2018-03-21 08:36:48

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.65 Mbit/s

95th percentile per-packet one-way delay: 136.651 ms

Loss rate: 32.09%

-- Flow 1:

Average throughput: 53.86 Mbit/s

95th percentile per-packet one-way delay: 136.666 ms

Loss rate: 25.91%

-- Flow 2:

Average throughput: 44.04 Mbit/s

95th percentile per-packet one-way delay: 134.972 ms

Loss rate: 33.50%

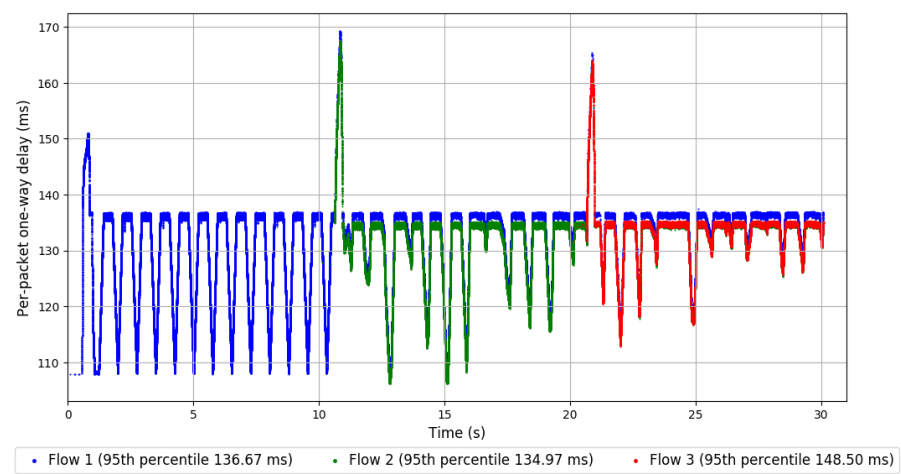
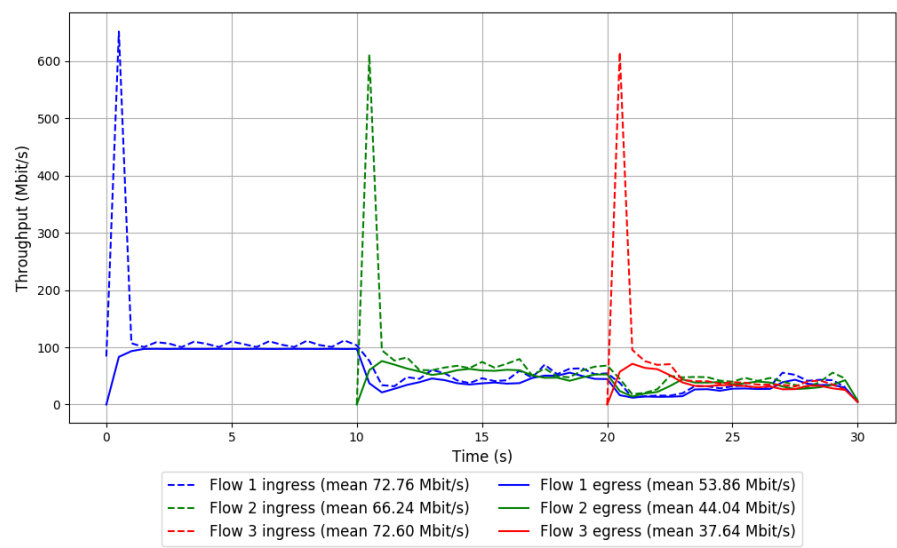
-- Flow 3:

Average throughput: 37.64 Mbit/s

95th percentile per-packet one-way delay: 148.495 ms

Loss rate: 48.15%

Run 9: Report of FillP — Data Link

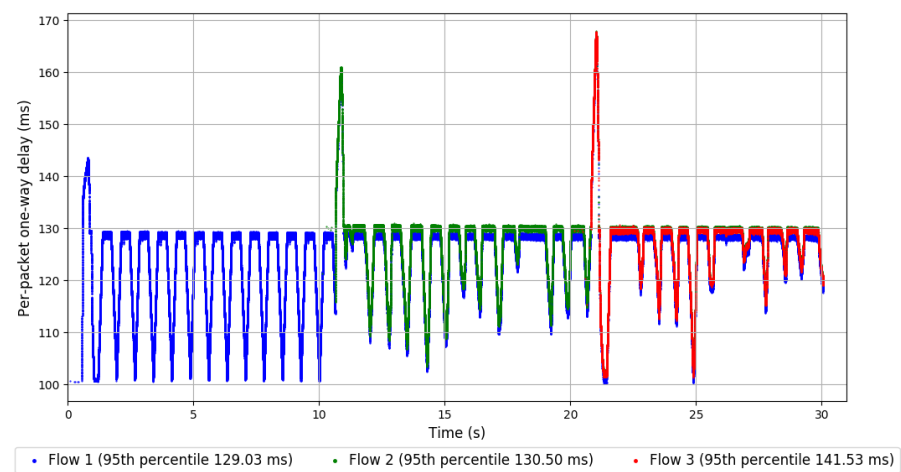
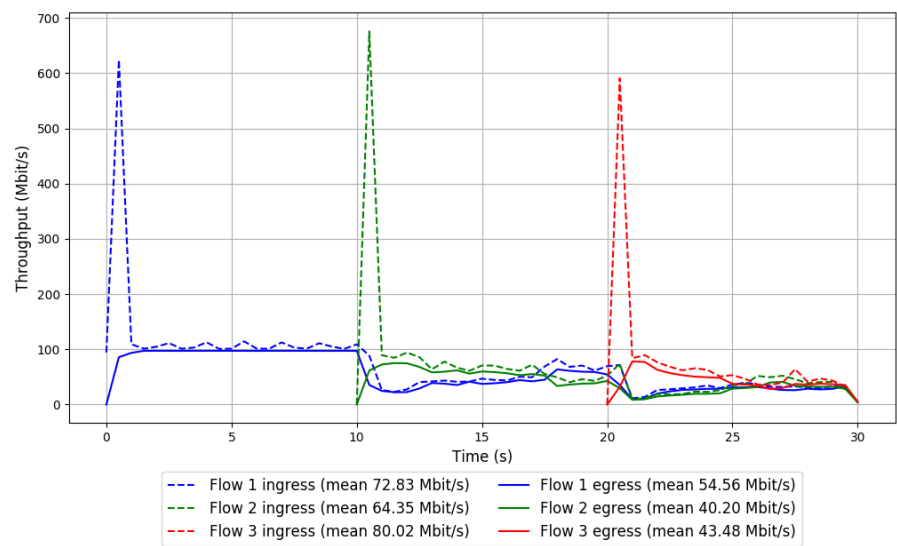


Run 10: Statistics of FillP

Start at: 2018-03-21 07:34:21
End at: 2018-03-21 07:34:51
Local clock offset: -5.689 ms
Remote clock offset: -11.113 ms

Below is generated by plot.py at 2018-03-21 08:36:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.70 Mbit/s
95th percentile per-packet one-way delay: 130.326 ms
Loss rate: 32.66%
-- Flow 1:
Average throughput: 54.56 Mbit/s
95th percentile per-packet one-way delay: 129.033 ms
Loss rate: 25.04%
-- Flow 2:
Average throughput: 40.20 Mbit/s
95th percentile per-packet one-way delay: 130.500 ms
Loss rate: 37.54%
-- Flow 3:
Average throughput: 43.48 Mbit/s
95th percentile per-packet one-way delay: 141.534 ms
Loss rate: 45.71%

Run 10: Report of FillP — Data Link

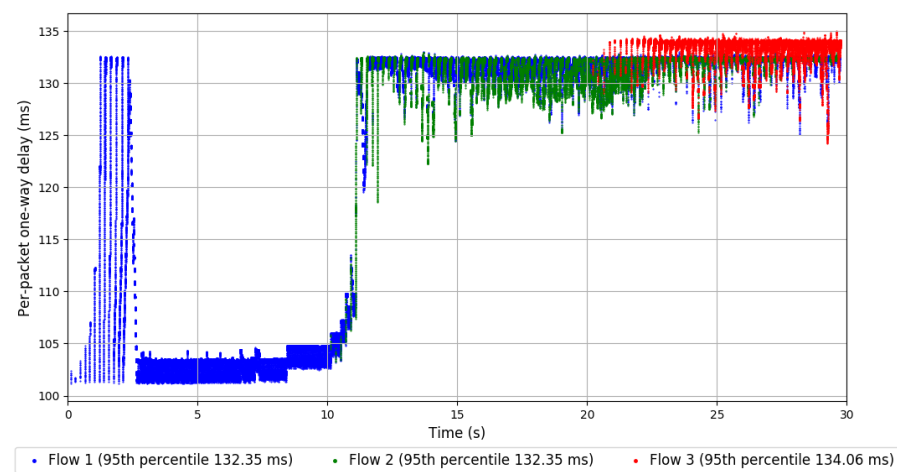
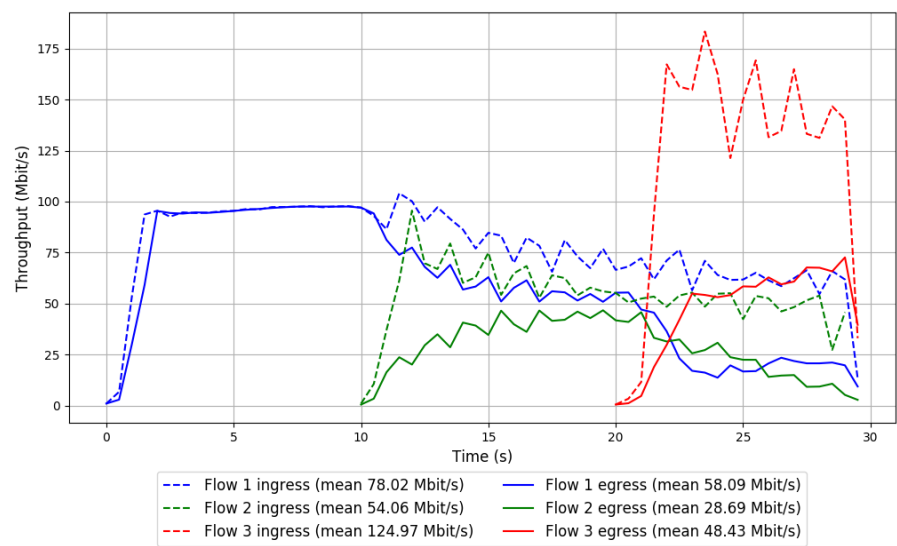


Run 1: Statistics of Indigo-1-32

Start at: 2018-03-21 03:52:49
End at: 2018-03-21 03:53:19
Local clock offset: -5.406 ms
Remote clock offset: -0.126 ms

Below is generated by plot.py at 2018-03-21 08:36:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.46 Mbit/s
95th percentile per-packet one-way delay: 133.921 ms
Loss rate: 39.78%
-- Flow 1:
Average throughput: 58.09 Mbit/s
95th percentile per-packet one-way delay: 132.349 ms
Loss rate: 25.47%
-- Flow 2:
Average throughput: 28.69 Mbit/s
95th percentile per-packet one-way delay: 132.353 ms
Loss rate: 46.84%
-- Flow 3:
Average throughput: 48.43 Mbit/s
95th percentile per-packet one-way delay: 134.061 ms
Loss rate: 61.23%

Run 1: Report of Indigo-1-32 — Data Link

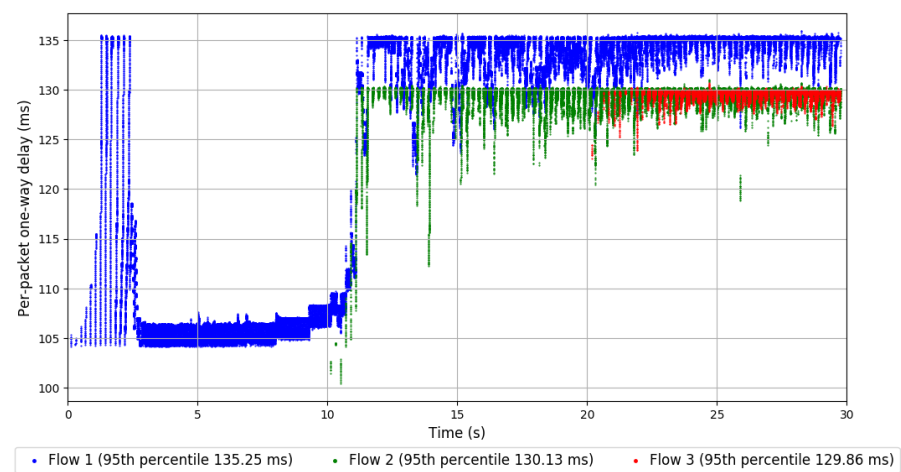
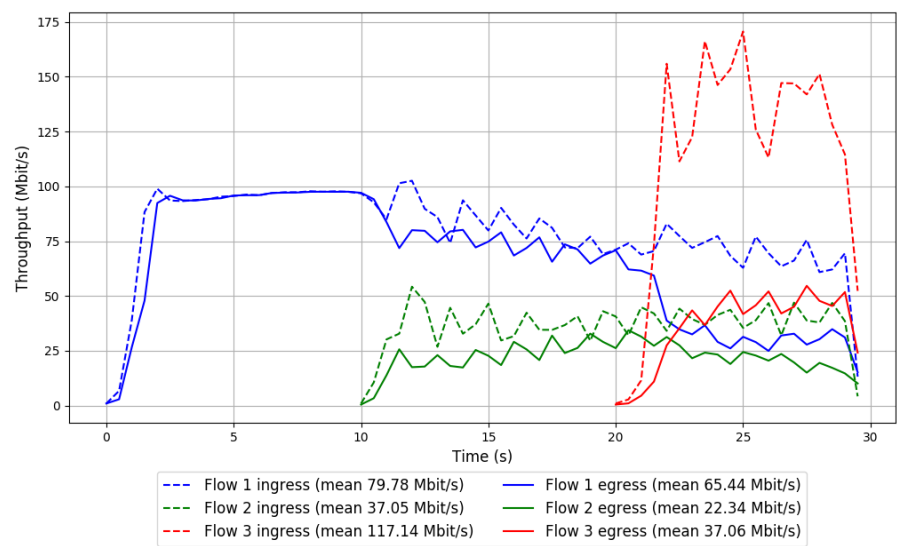


Run 2: Statistics of Indigo-1-32

Start at: 2018-03-21 04:17:13
End at: 2018-03-21 04:17:43
Local clock offset: -6.994 ms
Remote clock offset: -5.182 ms

Below is generated by plot.py at 2018-03-21 08:36:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.16 Mbit/s
95th percentile per-packet one-way delay: 135.229 ms
Loss rate: 35.05%
-- Flow 1:
Average throughput: 65.44 Mbit/s
95th percentile per-packet one-way delay: 135.250 ms
Loss rate: 17.89%
-- Flow 2:
Average throughput: 22.34 Mbit/s
95th percentile per-packet one-way delay: 130.128 ms
Loss rate: 39.63%
-- Flow 3:
Average throughput: 37.06 Mbit/s
95th percentile per-packet one-way delay: 129.859 ms
Loss rate: 68.34%

Run 2: Report of Indigo-1-32 — Data Link



Run 3: Statistics of Indigo-1-32

Start at: 2018-03-21 04:41:26

End at: 2018-03-21 04:41:56

Local clock offset: -6.2 ms

Remote clock offset: -2.55 ms

Below is generated by plot.py at 2018-03-21 08:36:48

Datalink statistics

-- Total of 3 flows:

Average throughput: 92.94 Mbit/s

95th percentile per-packet one-way delay: 133.736 ms

Loss rate: 42.68%

-- Flow 1:

Average throughput: 63.40 Mbit/s

95th percentile per-packet one-way delay: 132.074 ms

Loss rate: 22.00%

-- Flow 2:

Average throughput: 20.33 Mbit/s

95th percentile per-packet one-way delay: 130.689 ms

Loss rate: 49.30%

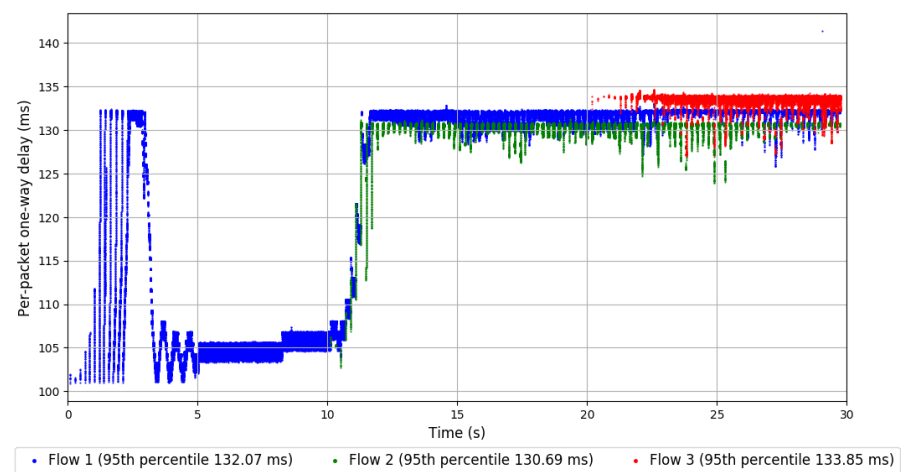
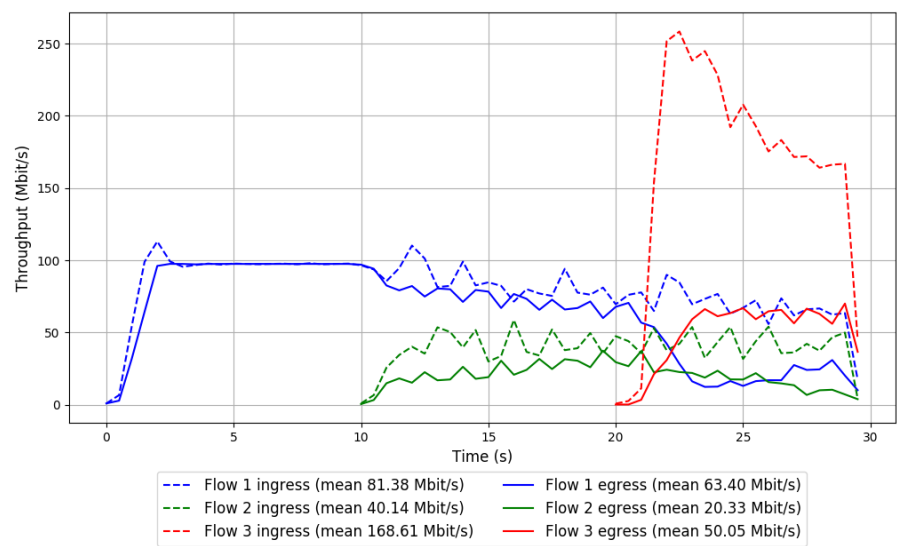
-- Flow 3:

Average throughput: 50.05 Mbit/s

95th percentile per-packet one-way delay: 133.848 ms

Loss rate: 70.31%

Run 3: Report of Indigo-1-32 — Data Link

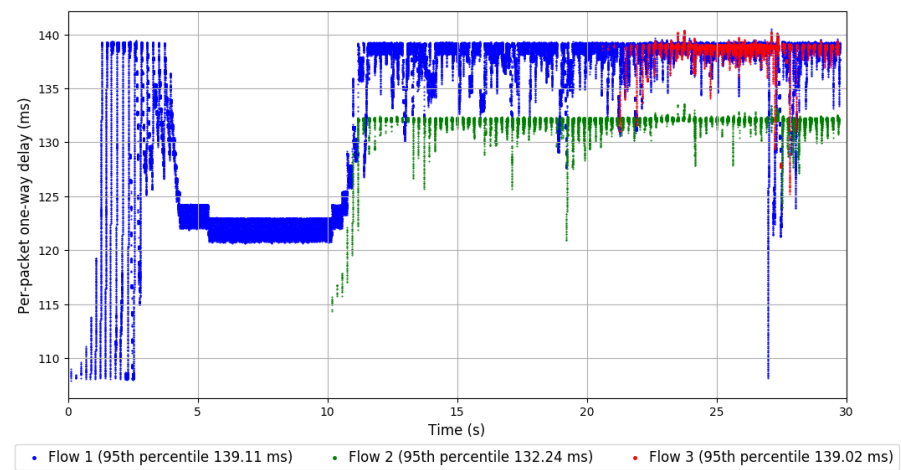
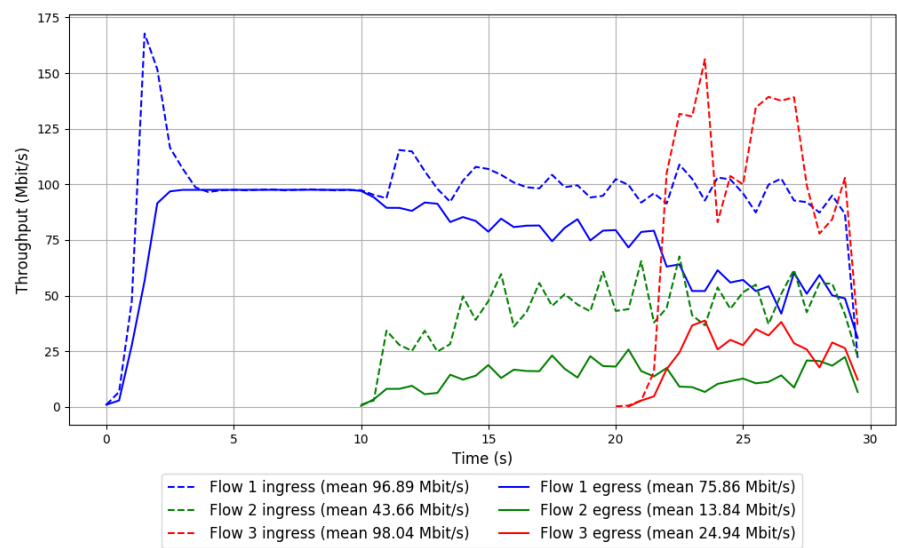


Run 4: Statistics of Indigo-1-32

Start at: 2018-03-21 05:05:30
End at: 2018-03-21 05:06:00
Local clock offset: -5.96 ms
Remote clock offset: -3.625 ms

Below is generated by plot.py at 2018-03-21 08:36:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.62 Mbit/s
95th percentile per-packet one-way delay: 139.103 ms
Loss rate: 40.48%
-- Flow 1:
Average throughput: 75.86 Mbit/s
95th percentile per-packet one-way delay: 139.112 ms
Loss rate: 21.64%
-- Flow 2:
Average throughput: 13.84 Mbit/s
95th percentile per-packet one-way delay: 132.237 ms
Loss rate: 68.27%
-- Flow 3:
Average throughput: 24.94 Mbit/s
95th percentile per-packet one-way delay: 139.019 ms
Loss rate: 74.56%

Run 4: Report of Indigo-1-32 — Data Link

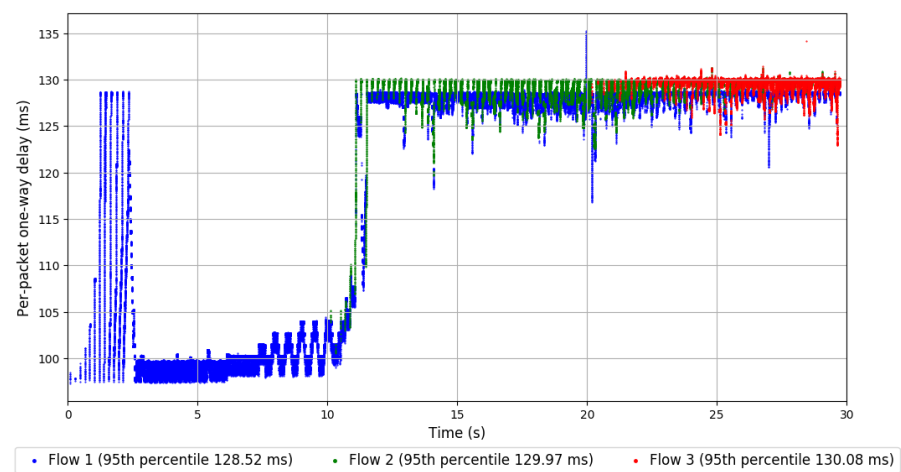
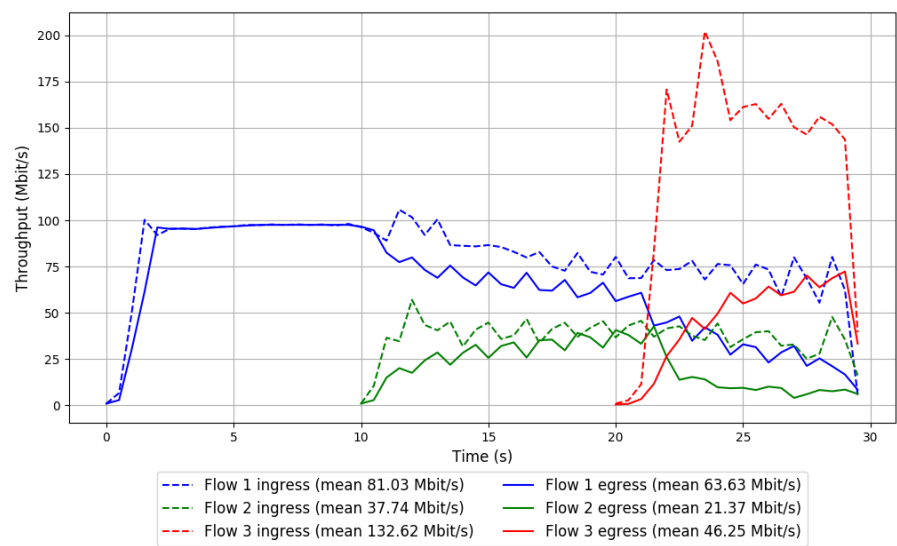


Run 5: Statistics of Indigo-1-32

Start at: 2018-03-21 05:29:43
End at: 2018-03-21 05:30:13
Local clock offset: -6.72 ms
Remote clock offset: -8.844 ms

Below is generated by plot.py at 2018-03-21 08:36:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.68 Mbit/s
95th percentile per-packet one-way delay: 129.960 ms
Loss rate: 37.65%
-- Flow 1:
Average throughput: 63.63 Mbit/s
95th percentile per-packet one-way delay: 128.521 ms
Loss rate: 21.39%
-- Flow 2:
Average throughput: 21.37 Mbit/s
95th percentile per-packet one-way delay: 129.965 ms
Loss rate: 43.32%
-- Flow 3:
Average throughput: 46.25 Mbit/s
95th percentile per-packet one-way delay: 130.078 ms
Loss rate: 65.12%

Run 5: Report of Indigo-1-32 — Data Link

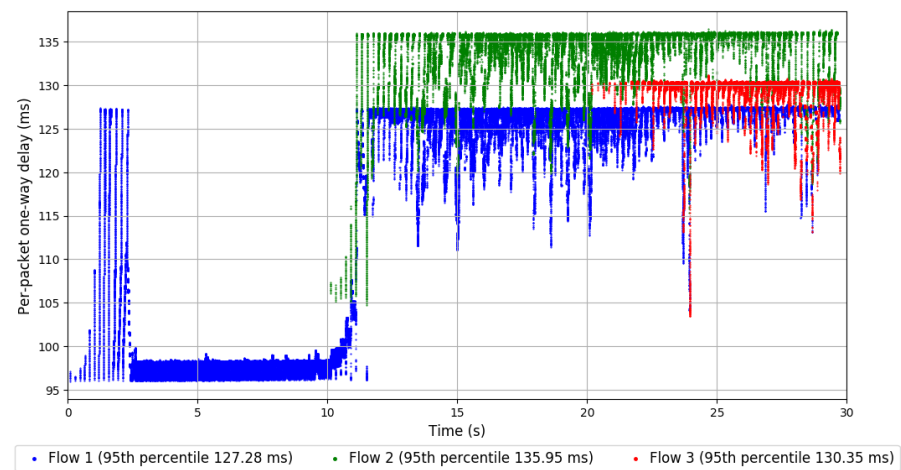
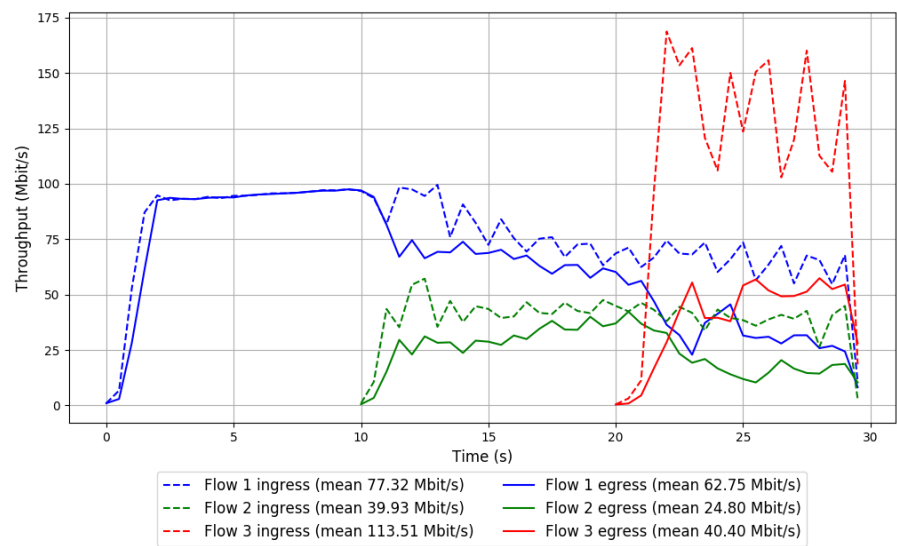


Run 6: Statistics of Indigo-1-32

Start at: 2018-03-21 05:53:54
End at: 2018-03-21 05:54:24
Local clock offset: 11.383 ms
Remote clock offset: -9.941 ms

Below is generated by plot.py at 2018-03-21 08:36:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.10 Mbit/s
95th percentile per-packet one-way delay: 135.621 ms
Loss rate: 34.27%
-- Flow 1:
Average throughput: 62.75 Mbit/s
95th percentile per-packet one-way delay: 127.283 ms
Loss rate: 18.76%
-- Flow 2:
Average throughput: 24.80 Mbit/s
95th percentile per-packet one-way delay: 135.946 ms
Loss rate: 37.84%
-- Flow 3:
Average throughput: 40.40 Mbit/s
95th percentile per-packet one-way delay: 130.354 ms
Loss rate: 64.44%

Run 6: Report of Indigo-1-32 — Data Link

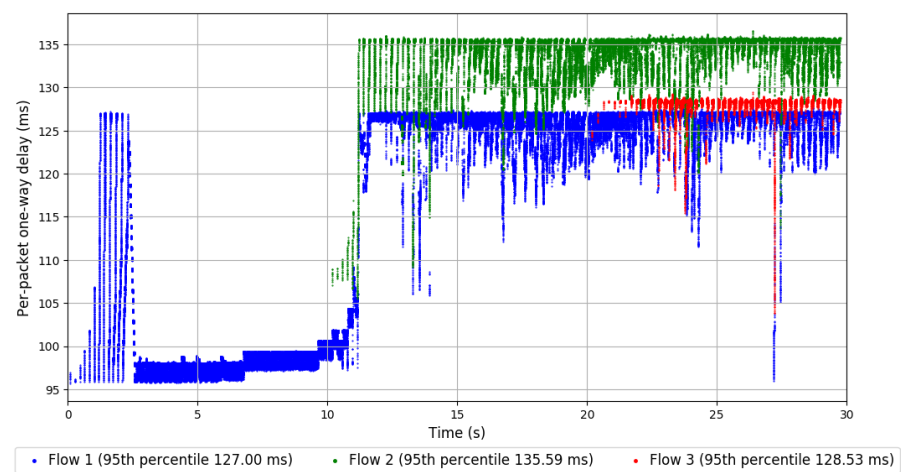
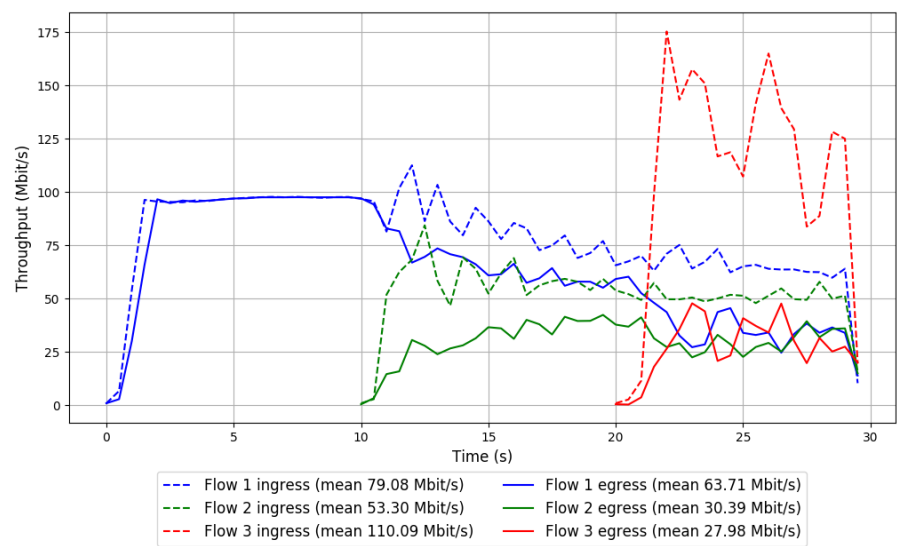


Run 7: Statistics of Indigo-1-32

Start at: 2018-03-21 06:18:02
End at: 2018-03-21 06:18:32
Local clock offset: 20.737 ms
Remote clock offset: -11.246 ms

Below is generated by plot.py at 2018-03-21 08:36:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.73 Mbit/s
95th percentile per-packet one-way delay: 135.433 ms
Loss rate: 37.99%
-- Flow 1:
Average throughput: 63.71 Mbit/s
95th percentile per-packet one-way delay: 127.003 ms
Loss rate: 19.35%
-- Flow 2:
Average throughput: 30.39 Mbit/s
95th percentile per-packet one-way delay: 135.589 ms
Loss rate: 42.92%
-- Flow 3:
Average throughput: 27.98 Mbit/s
95th percentile per-packet one-way delay: 128.525 ms
Loss rate: 74.57%

Run 7: Report of Indigo-1-32 — Data Link

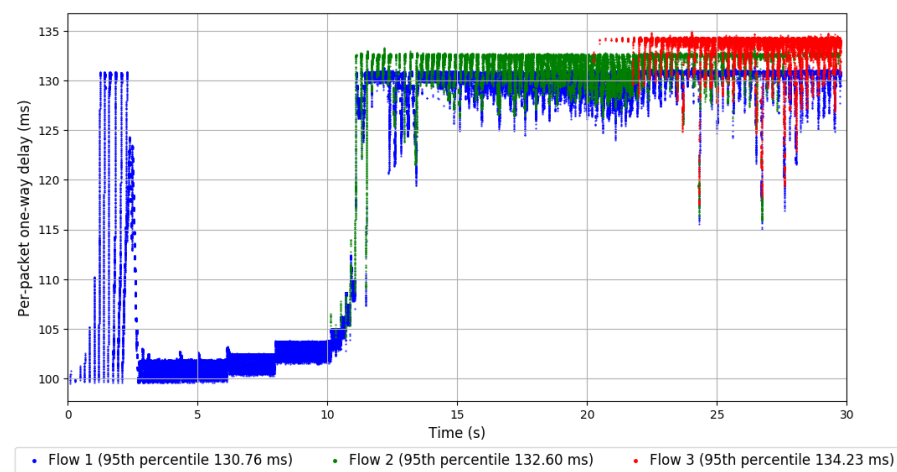
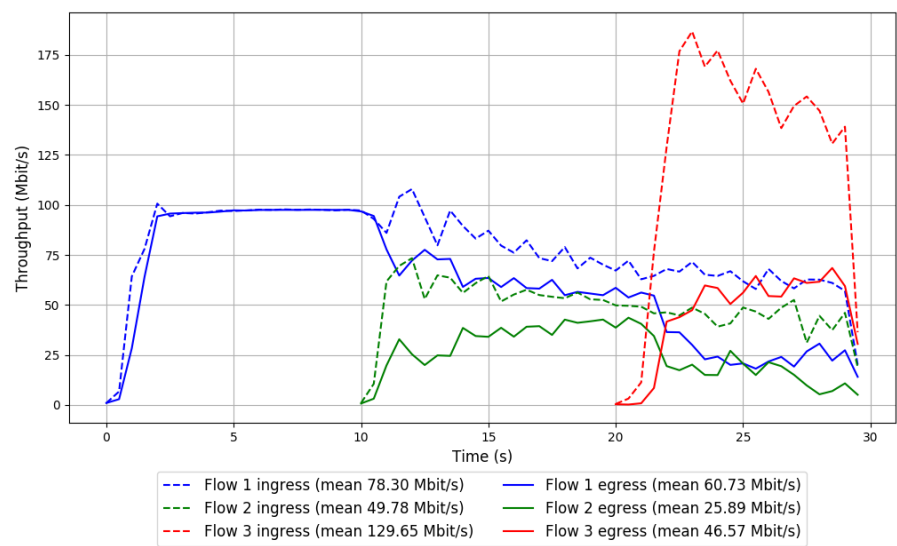


Run 8: Statistics of Indigo-1-32

Start at: 2018-03-21 06:42:10
End at: 2018-03-21 06:42:40
Local clock offset: 28.33 ms
Remote clock offset: -8.545 ms

Below is generated by plot.py at 2018-03-21 08:36:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.72 Mbit/s
95th percentile per-packet one-way delay: 134.107 ms
Loss rate: 39.21%
-- Flow 1:
Average throughput: 60.73 Mbit/s
95th percentile per-packet one-way delay: 130.761 ms
Loss rate: 22.36%
-- Flow 2:
Average throughput: 25.89 Mbit/s
95th percentile per-packet one-way delay: 132.601 ms
Loss rate: 47.92%
-- Flow 3:
Average throughput: 46.57 Mbit/s
95th percentile per-packet one-way delay: 134.229 ms
Loss rate: 64.08%

Run 8: Report of Indigo-1-32 — Data Link

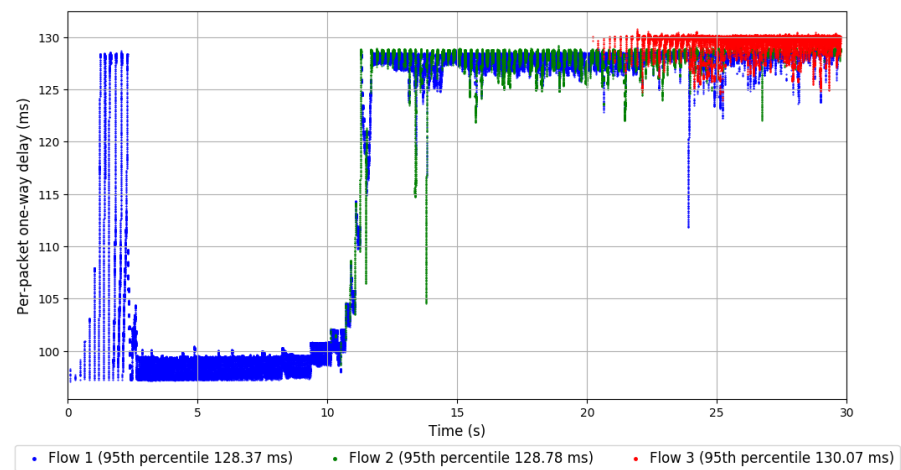
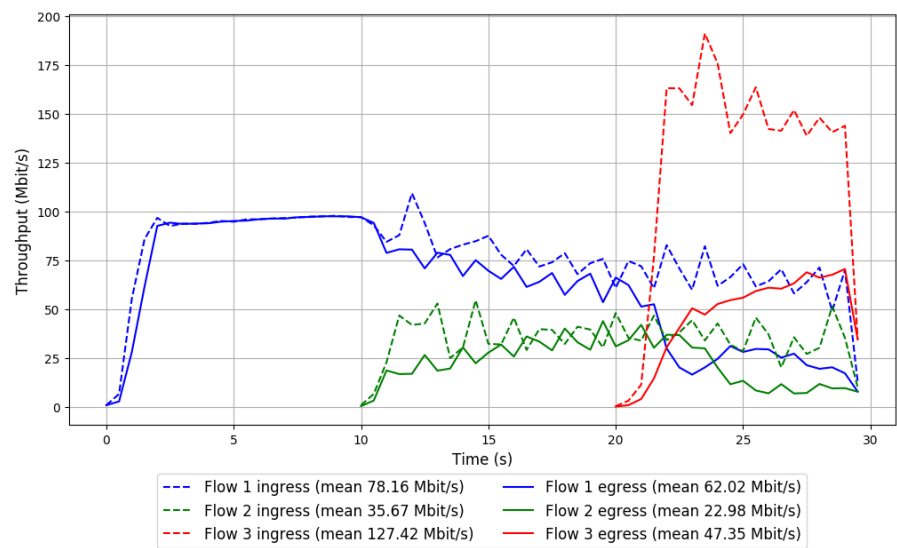


Run 9: Statistics of Indigo-1-32

Start at: 2018-03-21 07:06:21
End at: 2018-03-21 07:06:51
Local clock offset: 34.944 ms
Remote clock offset: -13.576 ms

Below is generated by plot.py at 2018-03-21 08:36:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.32 Mbit/s
95th percentile per-packet one-way delay: 129.961 ms
Loss rate: 35.21%
-- Flow 1:
Average throughput: 62.02 Mbit/s
95th percentile per-packet one-way delay: 128.371 ms
Loss rate: 20.57%
-- Flow 2:
Average throughput: 22.98 Mbit/s
95th percentile per-packet one-way delay: 128.777 ms
Loss rate: 35.50%
-- Flow 3:
Average throughput: 47.35 Mbit/s
95th percentile per-packet one-way delay: 130.068 ms
Loss rate: 62.84%

Run 9: Report of Indigo-1-32 — Data Link

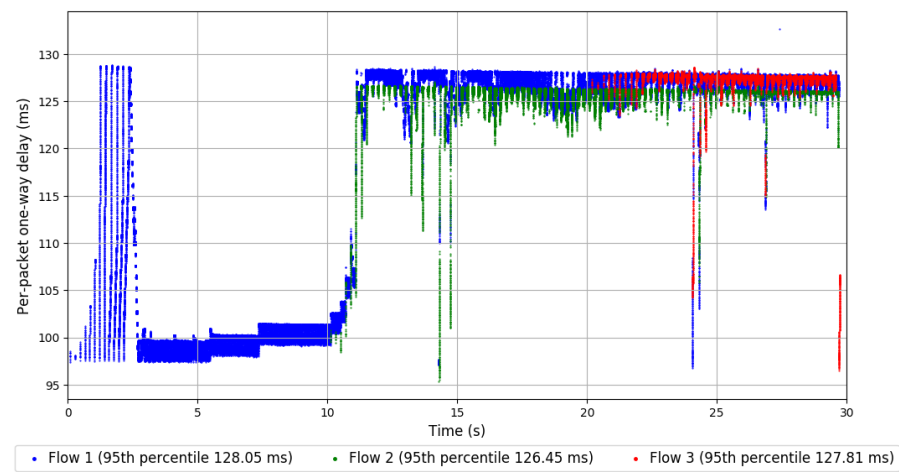
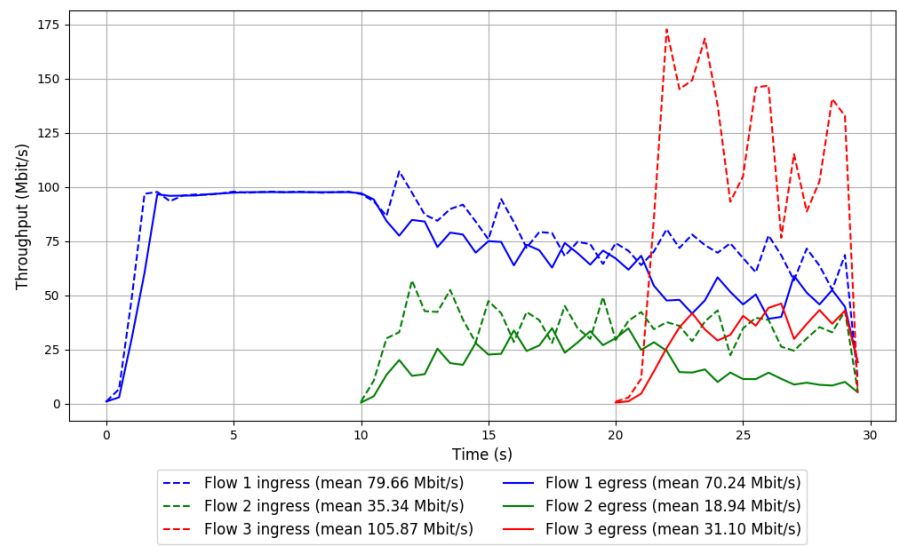


Run 10: Statistics of Indigo-1-32

Start at: 2018-03-21 07:30:28
End at: 2018-03-21 07:30:58
Local clock offset: 1.385 ms
Remote clock offset: -14.87 ms

Below is generated by plot.py at 2018-03-21 08:36:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.67 Mbit/s
95th percentile per-packet one-way delay: 128.007 ms
Loss rate: 32.33%
-- Flow 1:
Average throughput: 70.24 Mbit/s
95th percentile per-packet one-way delay: 128.054 ms
Loss rate: 11.73%
-- Flow 2:
Average throughput: 18.94 Mbit/s
95th percentile per-packet one-way delay: 126.454 ms
Loss rate: 46.35%
-- Flow 3:
Average throughput: 31.10 Mbit/s
95th percentile per-packet one-way delay: 127.806 ms
Loss rate: 70.69%

Run 10: Report of Indigo-1-32 — Data Link

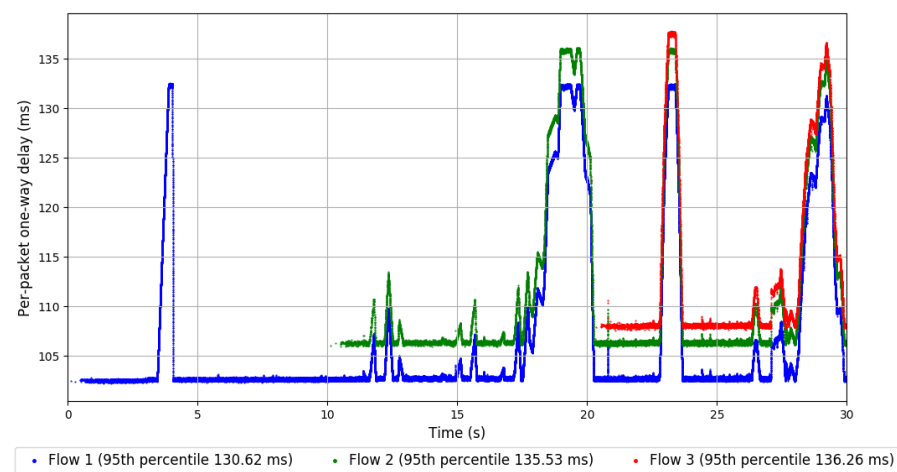
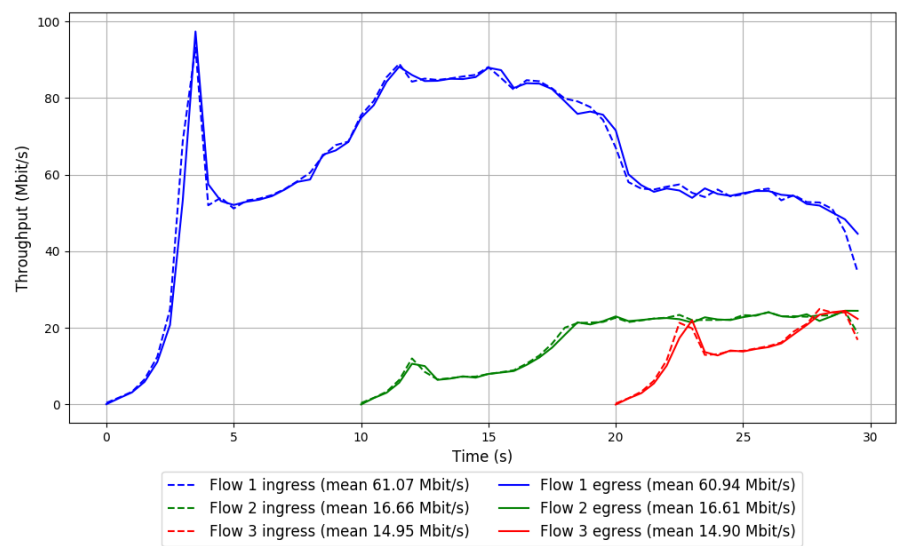


Run 1: Statistics of Vivace-latency

Start at: 2018-03-21 03:59:26
End at: 2018-03-21 03:59:56
Local clock offset: -6.04 ms
Remote clock offset: -0.426 ms

Below is generated by plot.py at 2018-03-21 08:36:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.89 Mbit/s
95th percentile per-packet one-way delay: 132.073 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 60.94 Mbit/s
95th percentile per-packet one-way delay: 130.615 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 16.61 Mbit/s
95th percentile per-packet one-way delay: 135.526 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 14.90 Mbit/s
95th percentile per-packet one-way delay: 136.257 ms
Loss rate: 0.53%

Run 1: Report of Vivace-latency — Data Link

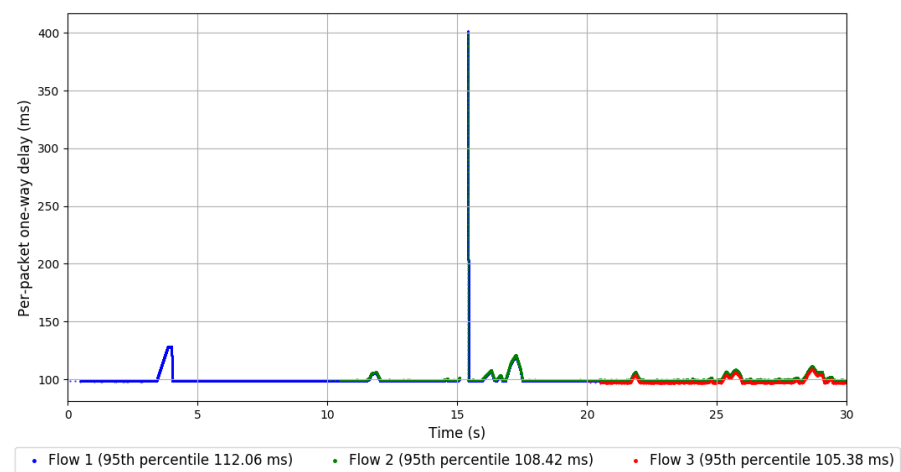
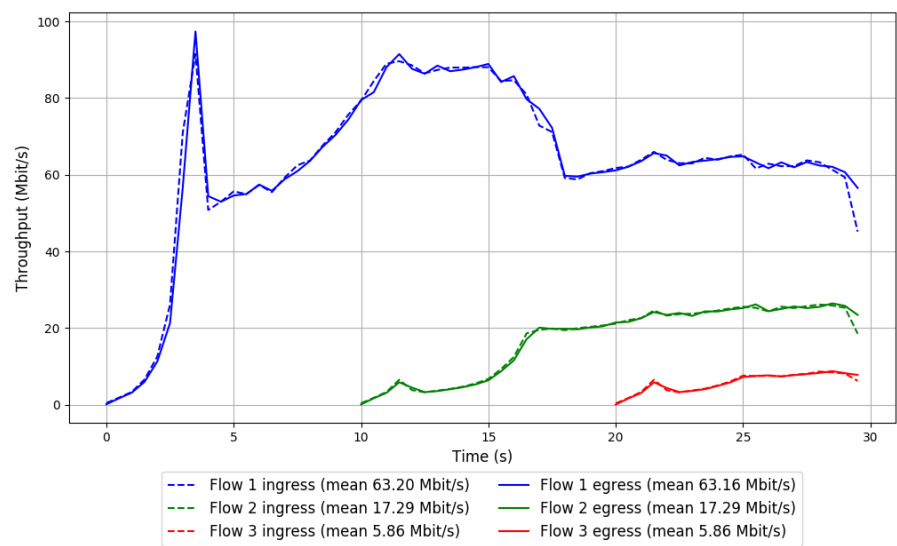


Run 2: Statistics of Vivace-latency

Start at: 2018-03-21 04:23:53
End at: 2018-03-21 04:24:23
Local clock offset: -7.119 ms
Remote clock offset: -5.595 ms

Below is generated by plot.py at 2018-03-21 08:36:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.59 Mbit/s
95th percentile per-packet one-way delay: 110.504 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 63.16 Mbit/s
95th percentile per-packet one-way delay: 112.064 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 17.29 Mbit/s
95th percentile per-packet one-way delay: 108.422 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 5.86 Mbit/s
95th percentile per-packet one-way delay: 105.377 ms
Loss rate: 0.00%

Run 2: Report of Vivace-latency — Data Link

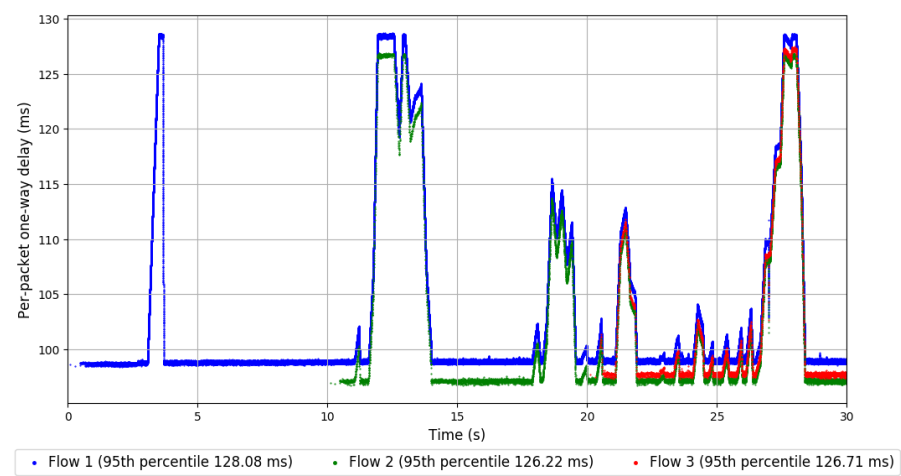
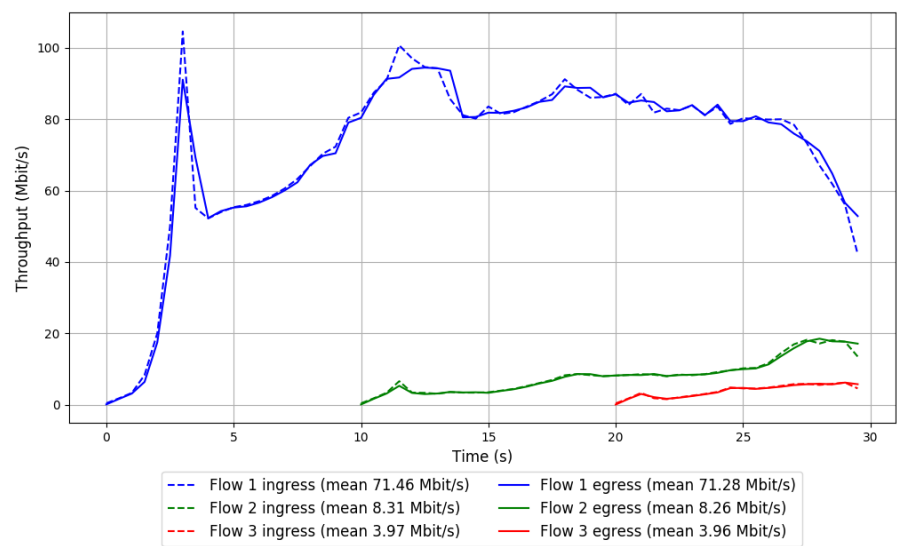


Run 3: Statistics of Vivace-latency

Start at: 2018-03-21 04:48:02
End at: 2018-03-21 04:48:32
Local clock offset: -6.084 ms
Remote clock offset: -6.689 ms

Below is generated by plot.py at 2018-03-21 08:36:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.08 Mbit/s
95th percentile per-packet one-way delay: 127.752 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 71.28 Mbit/s
95th percentile per-packet one-way delay: 128.077 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 8.26 Mbit/s
95th percentile per-packet one-way delay: 126.224 ms
Loss rate: 0.57%
-- Flow 3:
Average throughput: 3.96 Mbit/s
95th percentile per-packet one-way delay: 126.708 ms
Loss rate: 0.33%

Run 3: Report of Vivace-latency — Data Link

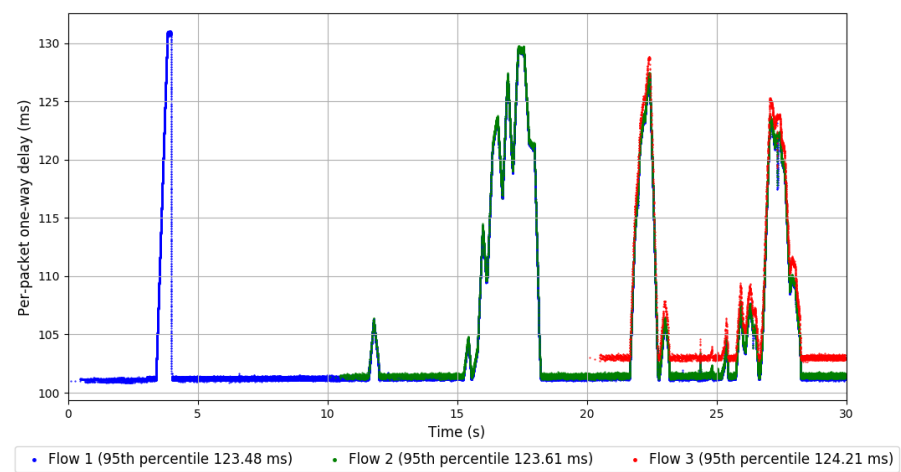
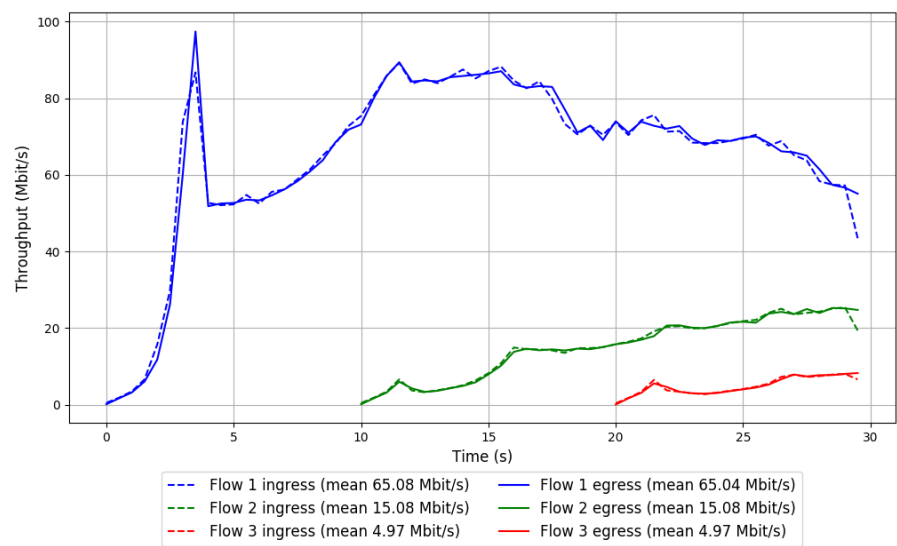


Run 4: Statistics of Vivace-latency

Start at: 2018-03-21 05:12:08
End at: 2018-03-21 05:12:38
Local clock offset: -6.344 ms
Remote clock offset: -4.016 ms

Below is generated by plot.py at 2018-03-21 08:36:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.71 Mbit/s
95th percentile per-packet one-way delay: 123.553 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 65.04 Mbit/s
95th percentile per-packet one-way delay: 123.478 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 15.08 Mbit/s
95th percentile per-packet one-way delay: 123.611 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.97 Mbit/s
95th percentile per-packet one-way delay: 124.211 ms
Loss rate: 0.00%

Run 4: Report of Vivace-latency — Data Link

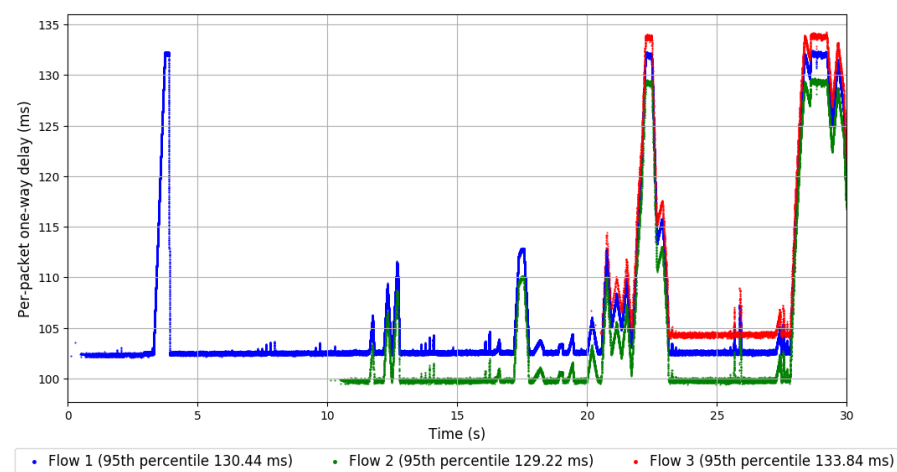
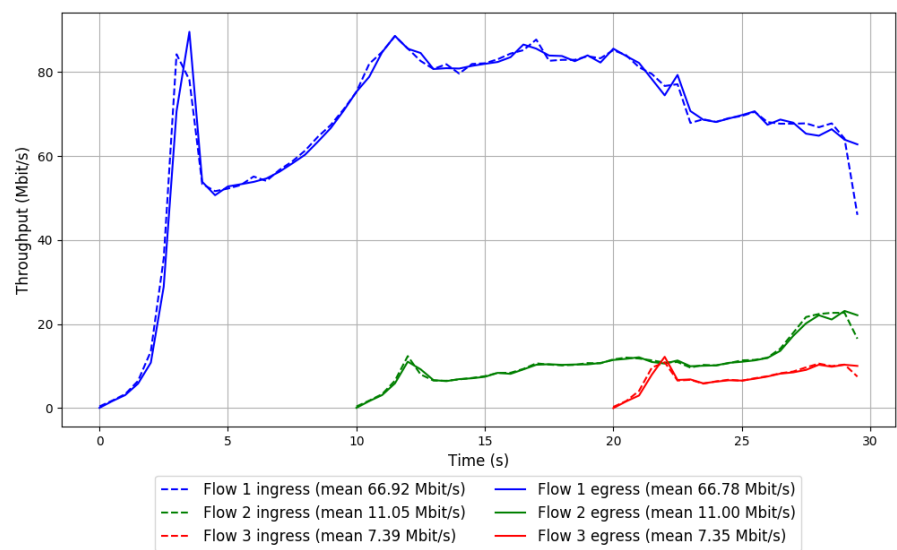


Run 5: Statistics of Vivace-latency

Start at: 2018-03-21 05:36:20
End at: 2018-03-21 05:36:50
Local clock offset: -6.869 ms
Remote clock offset: -9.093 ms

Below is generated by plot.py at 2018-03-21 08:36:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.52 Mbit/s
95th percentile per-packet one-way delay: 130.507 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 66.78 Mbit/s
95th percentile per-packet one-way delay: 130.437 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 11.00 Mbit/s
95th percentile per-packet one-way delay: 129.217 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 7.35 Mbit/s
95th percentile per-packet one-way delay: 133.844 ms
Loss rate: 0.47%

Run 5: Report of Vivace-latency — Data Link

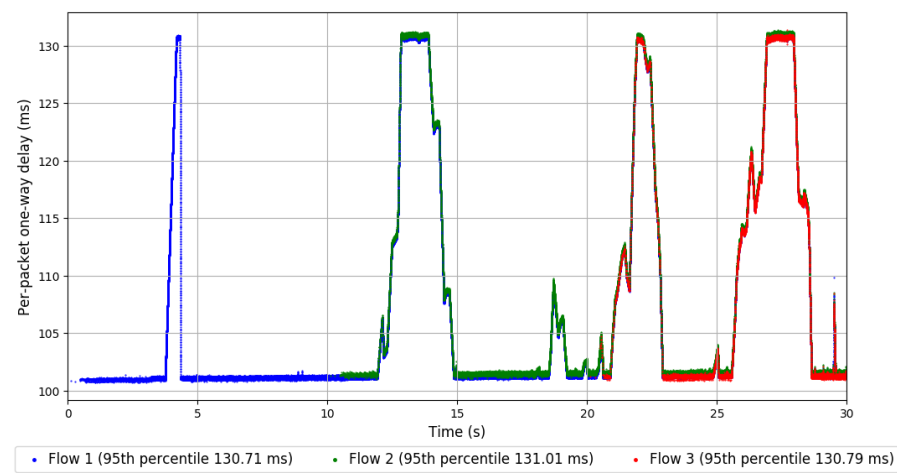
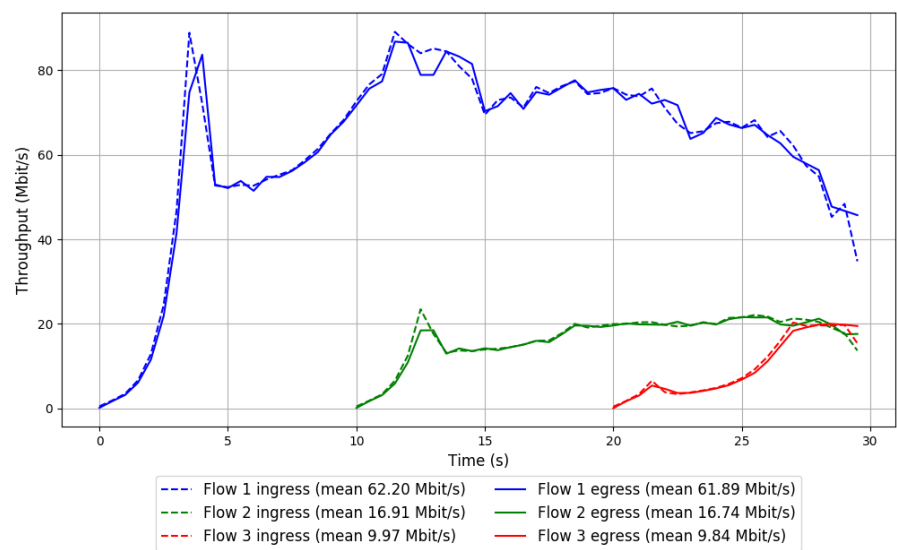


Run 6: Statistics of Vivace-latency

Start at: 2018-03-21 06:00:31
End at: 2018-03-21 06:01:01
Local clock offset: 14.247 ms
Remote clock offset: -6.472 ms

Below is generated by plot.py at 2018-03-21 08:36:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.25 Mbit/s
95th percentile per-packet one-way delay: 130.749 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 61.89 Mbit/s
95th percentile per-packet one-way delay: 130.706 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 16.74 Mbit/s
95th percentile per-packet one-way delay: 131.009 ms
Loss rate: 1.05%
-- Flow 3:
Average throughput: 9.84 Mbit/s
95th percentile per-packet one-way delay: 130.788 ms
Loss rate: 1.32%

Run 6: Report of Vivace-latency — Data Link

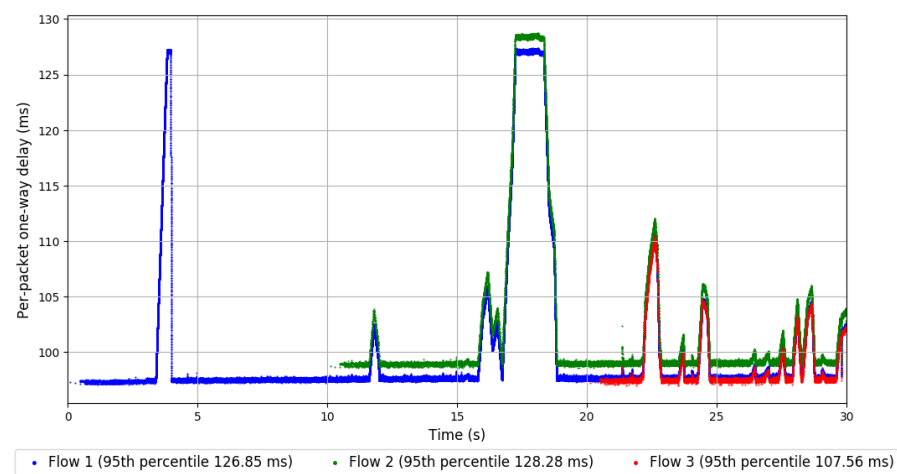
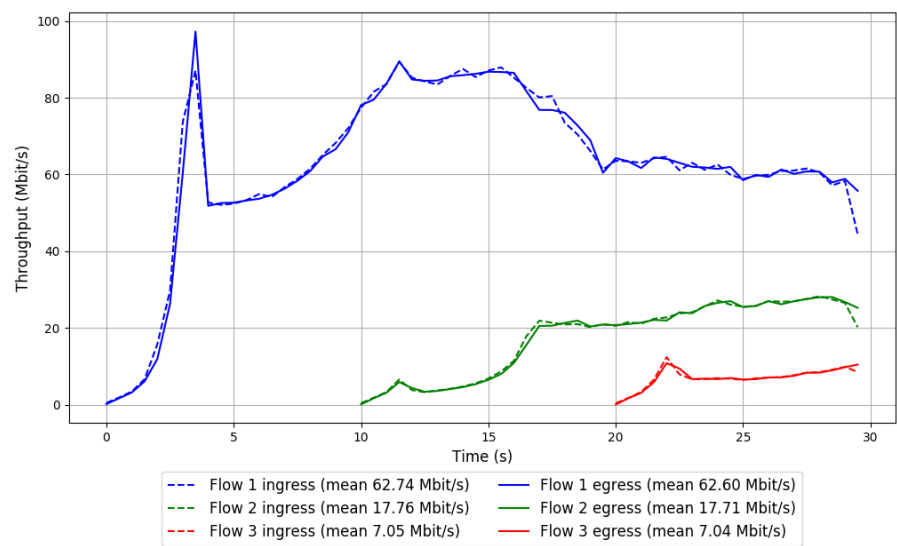


Run 7: Statistics of Vivace-latency

Start at: 2018-03-21 06:24:40
End at: 2018-03-21 06:25:10
Local clock offset: 23.171 ms
Remote clock offset: -11.504 ms

Below is generated by plot.py at 2018-03-21 08:36:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.70 Mbit/s
95th percentile per-packet one-way delay: 126.862 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 62.60 Mbit/s
95th percentile per-packet one-way delay: 126.847 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 17.71 Mbit/s
95th percentile per-packet one-way delay: 128.284 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 7.04 Mbit/s
95th percentile per-packet one-way delay: 107.559 ms
Loss rate: 0.00%

Run 7: Report of Vivace-latency — Data Link

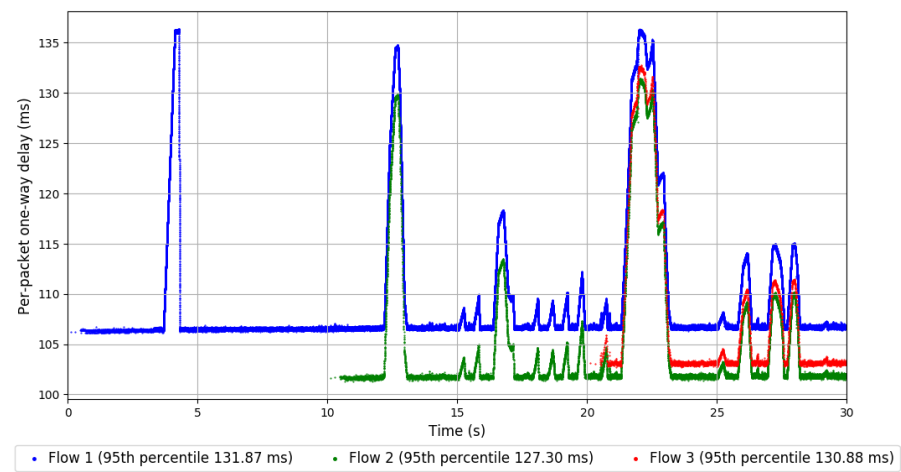
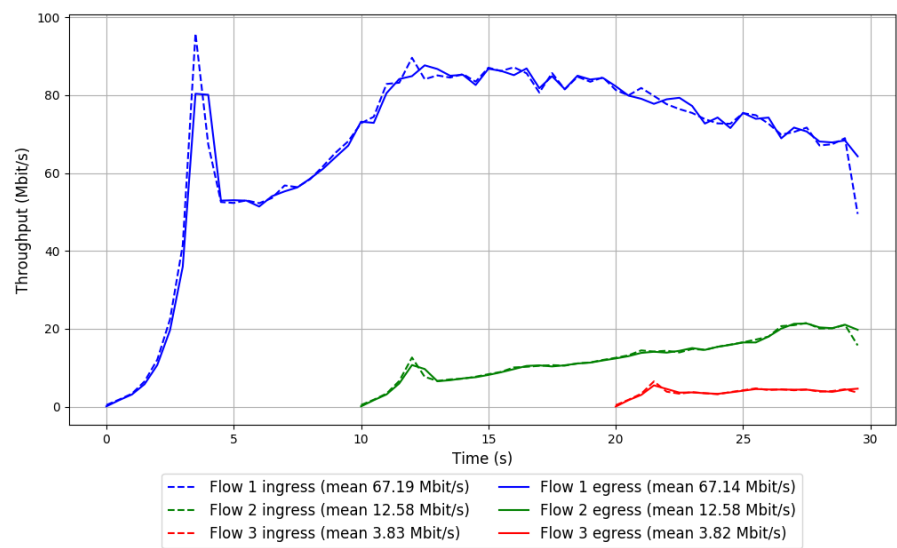


Run 8: Statistics of Vivace-latency

Start at: 2018-03-21 06:48:49
End at: 2018-03-21 06:49:19
Local clock offset: 30.093 ms
Remote clock offset: -8.838 ms

Below is generated by plot.py at 2018-03-21 08:36:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.76 Mbit/s
95th percentile per-packet one-way delay: 130.986 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 67.14 Mbit/s
95th percentile per-packet one-way delay: 131.869 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 12.58 Mbit/s
95th percentile per-packet one-way delay: 127.296 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 3.82 Mbit/s
95th percentile per-packet one-way delay: 130.882 ms
Loss rate: 0.09%

Run 8: Report of Vivace-latency — Data Link

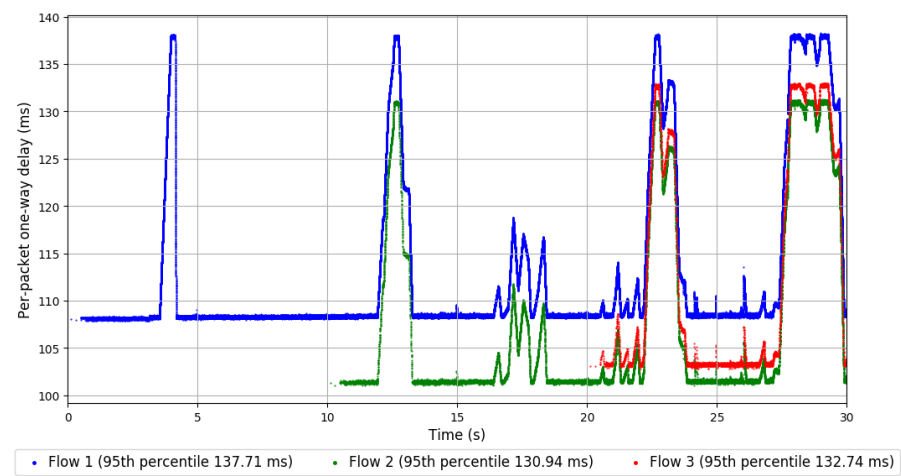
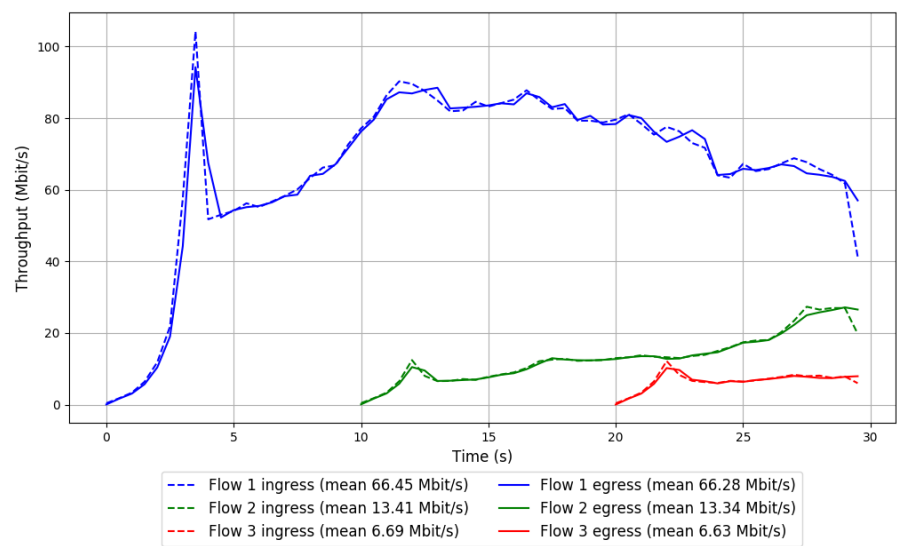


Run 9: Statistics of Vivace-latency

Start at: 2018-03-21 07:12:59
End at: 2018-03-21 07:13:29
Local clock offset: 36.754 ms
Remote clock offset: -9.958 ms

Below is generated by plot.py at 2018-03-21 08:36:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.34 Mbit/s
95th percentile per-packet one-way delay: 137.248 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 66.28 Mbit/s
95th percentile per-packet one-way delay: 137.708 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 13.34 Mbit/s
95th percentile per-packet one-way delay: 130.944 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 6.63 Mbit/s
95th percentile per-packet one-way delay: 132.738 ms
Loss rate: 0.90%

Run 9: Report of Vivace-latency — Data Link



Run 10: Statistics of Vivace-latency

Start at: 2018-03-21 07:37:05

End at: 2018-03-21 07:37:35

Local clock offset: -9.641 ms

Remote clock offset: -11.3 ms

Below is generated by plot.py at 2018-03-21 08:36:48

Datalink statistics

-- Total of 3 flows:

Average throughput: 76.52 Mbit/s

95th percentile per-packet one-way delay: 134.430 ms

Loss rate: 0.96%

-- Flow 1:

Average throughput: 60.78 Mbit/s

95th percentile per-packet one-way delay: 129.891 ms

Loss rate: 0.78%

-- Flow 2:

Average throughput: 20.63 Mbit/s

95th percentile per-packet one-way delay: 136.687 ms

Loss rate: 1.51%

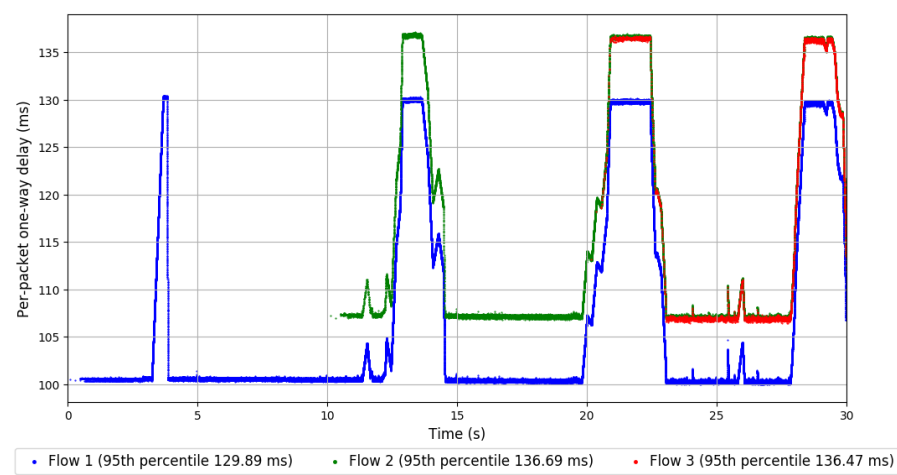
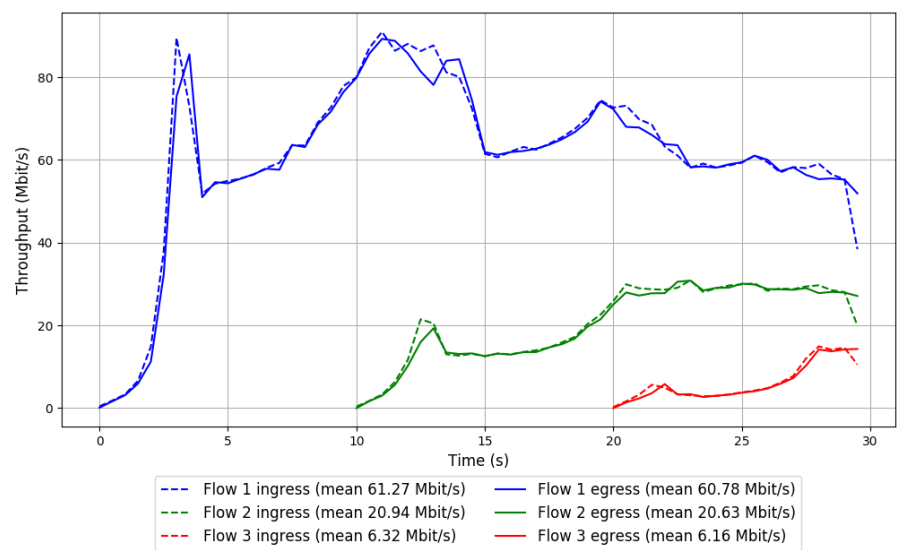
-- Flow 3:

Average throughput: 6.16 Mbit/s

95th percentile per-packet one-way delay: 136.475 ms

Loss rate: 2.56%

Run 10: Report of Vivace-latency — Data Link



Run 1: Statistics of Vivace-loss

Start at: 2018-03-21 03:44:46

End at: 2018-03-21 03:45:16

Local clock offset: -5.557 ms

Remote clock offset: 0.286 ms

Below is generated by plot.py at 2018-03-21 08:37:52

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.08 Mbit/s

95th percentile per-packet one-way delay: 130.883 ms

Loss rate: 3.21%

-- Flow 1:

Average throughput: 82.68 Mbit/s

95th percentile per-packet one-way delay: 130.807 ms

Loss rate: 3.13%

-- Flow 2:

Average throughput: 5.01 Mbit/s

95th percentile per-packet one-way delay: 138.147 ms

Loss rate: 4.25%

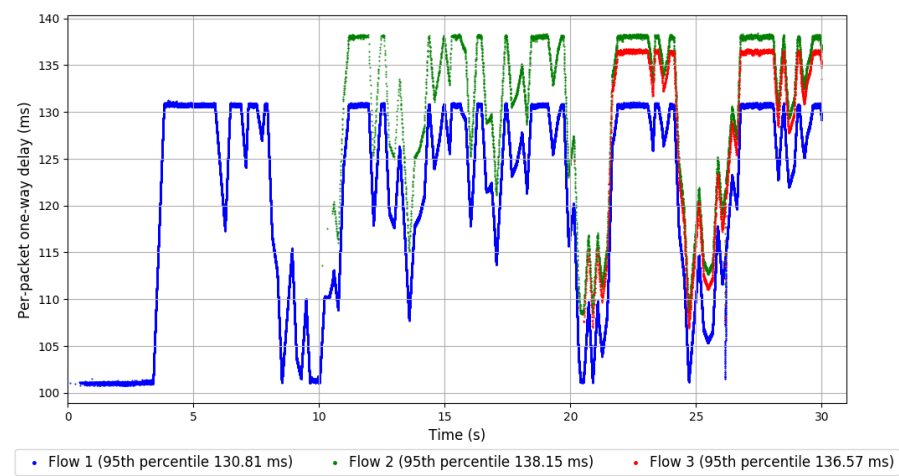
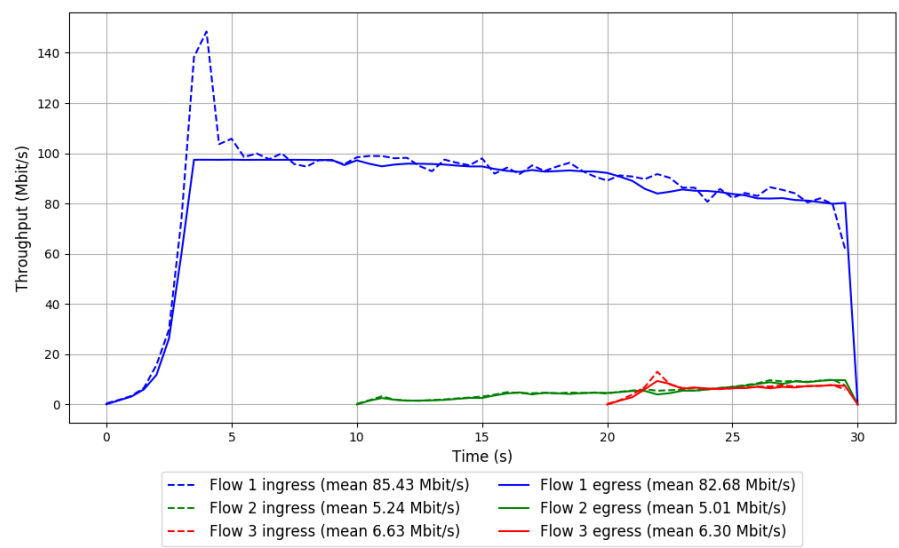
-- Flow 3:

Average throughput: 6.30 Mbit/s

95th percentile per-packet one-way delay: 136.573 ms

Loss rate: 4.93%

Run 1: Report of Vivace-loss — Data Link

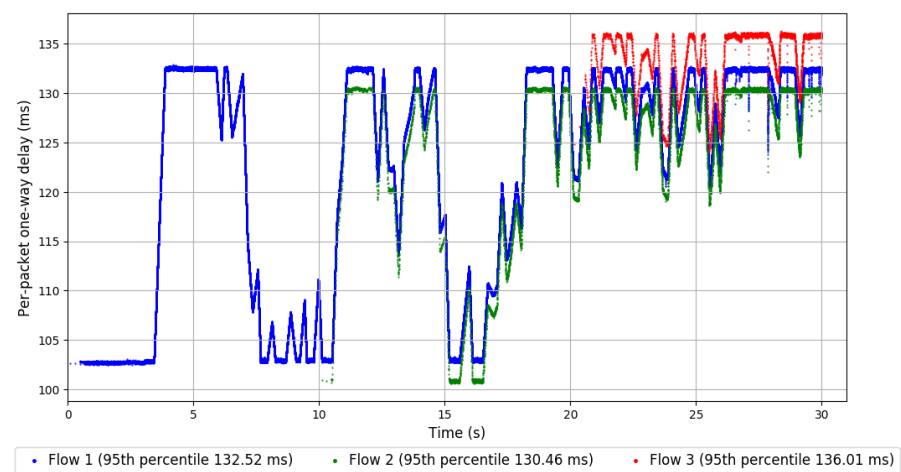
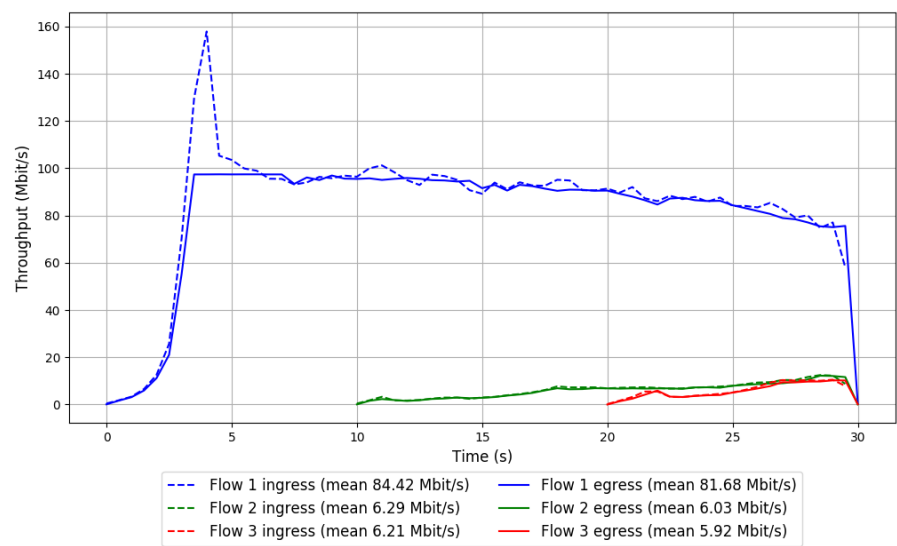


Run 2: Statistics of Vivace-loss

Start at: 2018-03-21 04:09:15
End at: 2018-03-21 04:09:45
Local clock offset: -6.745 ms
Remote clock offset: -0.958 ms

Below is generated by plot.py at 2018-03-21 08:37:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.64 Mbit/s
95th percentile per-packet one-way delay: 132.539 ms
Loss rate: 3.22%
-- Flow 1:
Average throughput: 81.68 Mbit/s
95th percentile per-packet one-way delay: 132.516 ms
Loss rate: 3.15%
-- Flow 2:
Average throughput: 6.03 Mbit/s
95th percentile per-packet one-way delay: 130.456 ms
Loss rate: 4.00%
-- Flow 3:
Average throughput: 5.92 Mbit/s
95th percentile per-packet one-way delay: 136.008 ms
Loss rate: 4.62%

Run 2: Report of Vivace-loss — Data Link

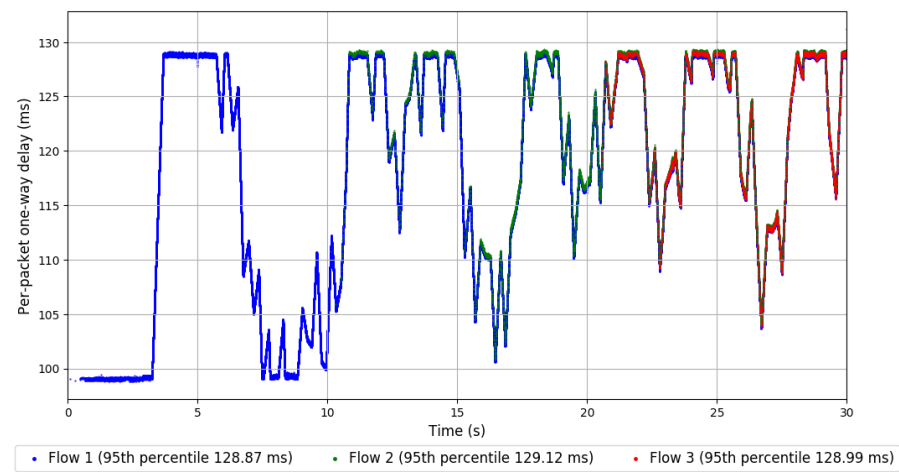
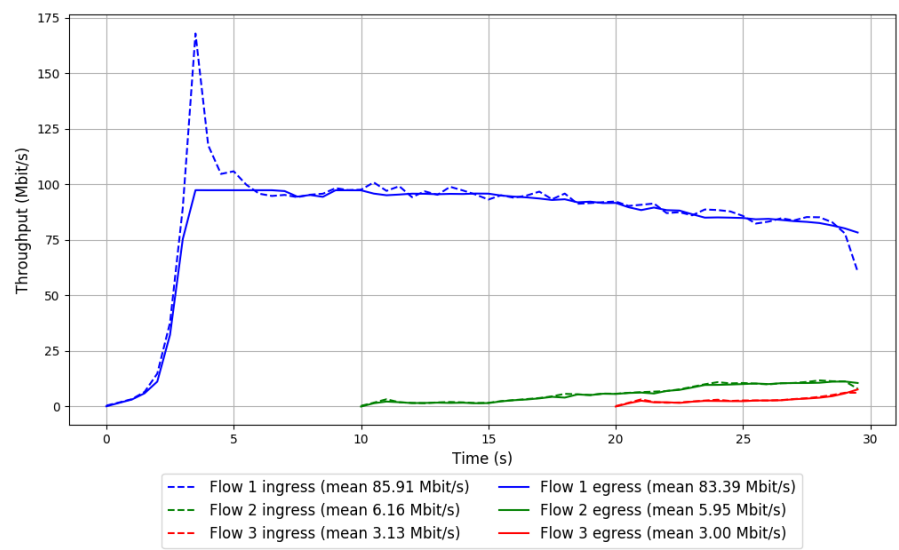


Run 3: Statistics of Vivace-loss

Start at: 2018-03-21 04:33:27
End at: 2018-03-21 04:33:57
Local clock offset: -6.743 ms
Remote clock offset: -6.099 ms

Below is generated by plot.py at 2018-03-21 08:37:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.33 Mbit/s
95th percentile per-packet one-way delay: 128.880 ms
Loss rate: 2.87%
-- Flow 1:
Average throughput: 83.39 Mbit/s
95th percentile per-packet one-way delay: 128.866 ms
Loss rate: 2.83%
-- Flow 2:
Average throughput: 5.95 Mbit/s
95th percentile per-packet one-way delay: 129.122 ms
Loss rate: 3.40%
-- Flow 3:
Average throughput: 3.00 Mbit/s
95th percentile per-packet one-way delay: 128.994 ms
Loss rate: 3.90%

Run 3: Report of Vivace-loss — Data Link

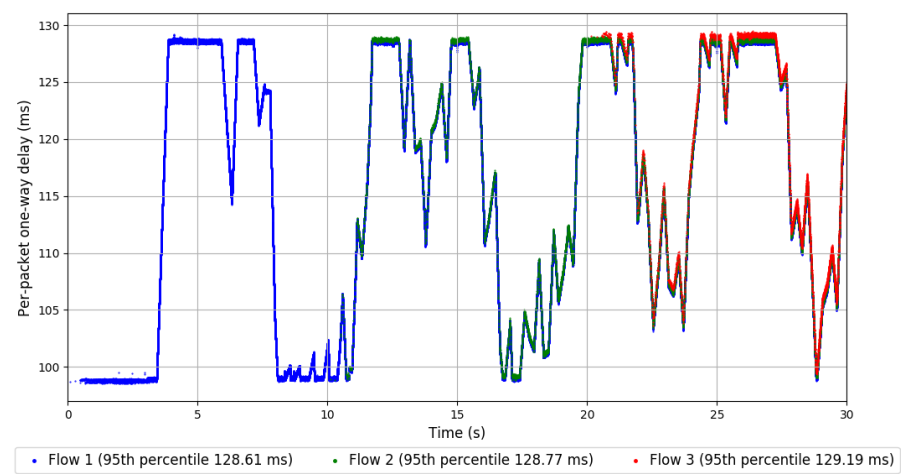
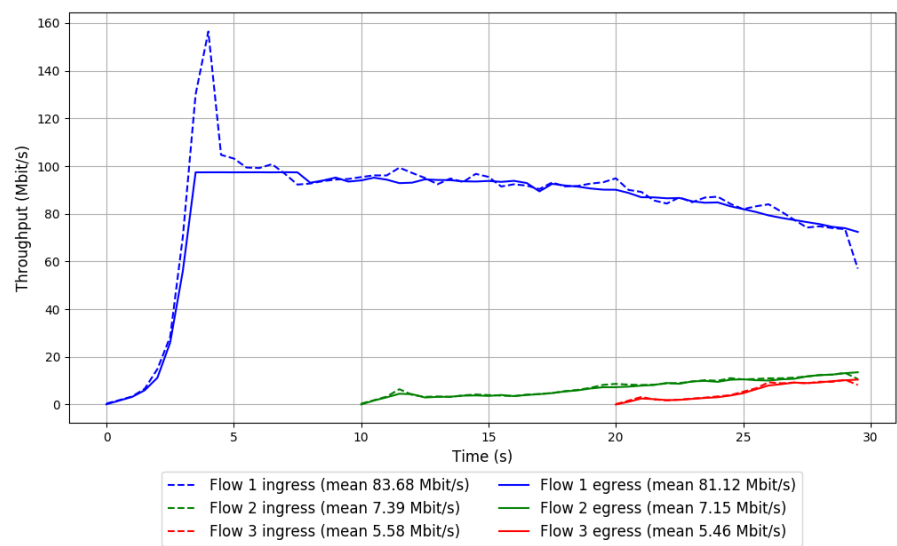


Run 4: Statistics of Vivace-loss

Start at: 2018-03-21 04:57:30
End at: 2018-03-21 04:58:00
Local clock offset: -5.806 ms
Remote clock offset: -7.16 ms

Below is generated by plot.py at 2018-03-21 08:37:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.67 Mbit/s
95th percentile per-packet one-way delay: 128.625 ms
Loss rate: 2.97%
-- Flow 1:
Average throughput: 81.12 Mbit/s
95th percentile per-packet one-way delay: 128.608 ms
Loss rate: 2.98%
-- Flow 2:
Average throughput: 7.15 Mbit/s
95th percentile per-packet one-way delay: 128.768 ms
Loss rate: 3.07%
-- Flow 3:
Average throughput: 5.46 Mbit/s
95th percentile per-packet one-way delay: 129.188 ms
Loss rate: 2.30%

Run 4: Report of Vivace-loss — Data Link

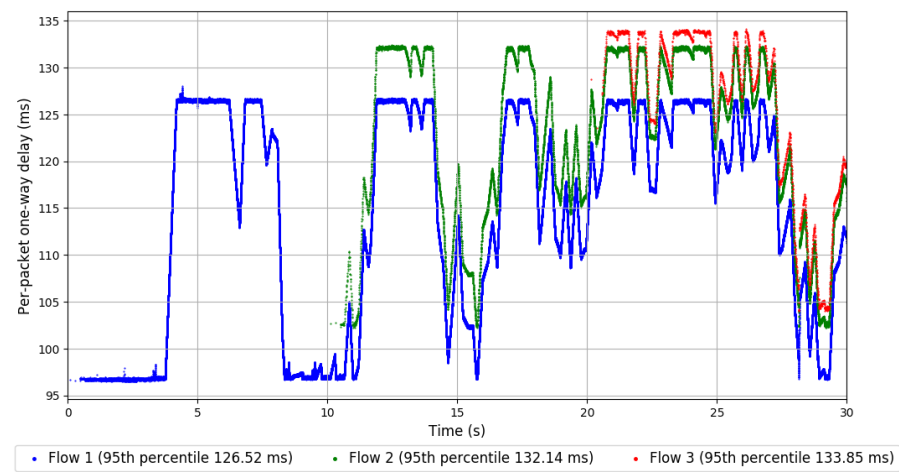
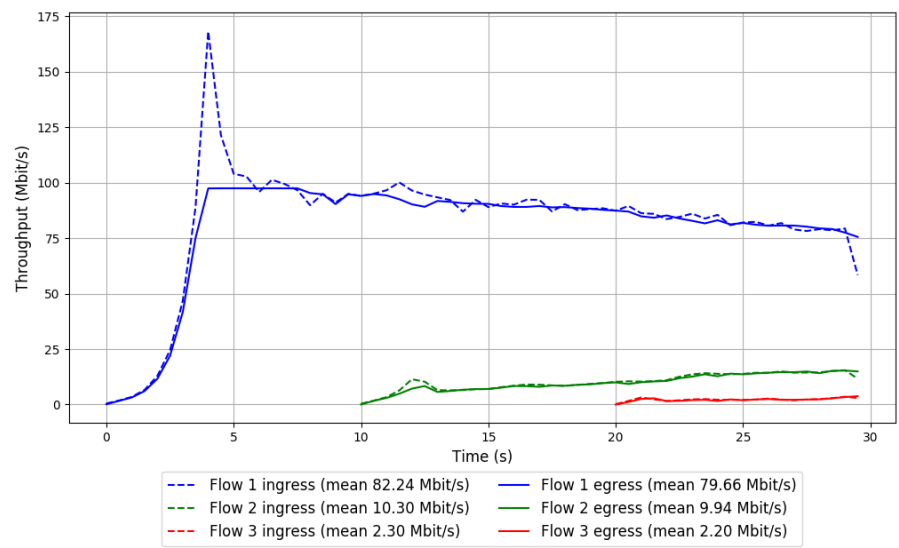


Run 5: Statistics of Vivace-loss

Start at: 2018-03-21 05:21:42
End at: 2018-03-21 05:22:12
Local clock offset: -6.605 ms
Remote clock offset: -8.395 ms

Below is generated by plot.py at 2018-03-21 08:38:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.99 Mbit/s
95th percentile per-packet one-way delay: 126.601 ms
Loss rate: 3.14%
-- Flow 1:
Average throughput: 79.66 Mbit/s
95th percentile per-packet one-way delay: 126.517 ms
Loss rate: 3.10%
-- Flow 2:
Average throughput: 9.94 Mbit/s
95th percentile per-packet one-way delay: 132.139 ms
Loss rate: 3.46%
-- Flow 3:
Average throughput: 2.20 Mbit/s
95th percentile per-packet one-way delay: 133.852 ms
Loss rate: 4.42%

Run 5: Report of Vivace-loss — Data Link

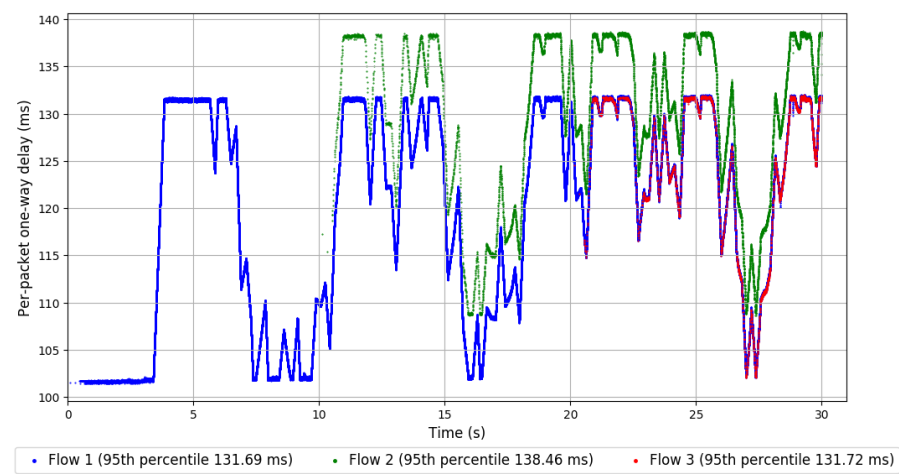
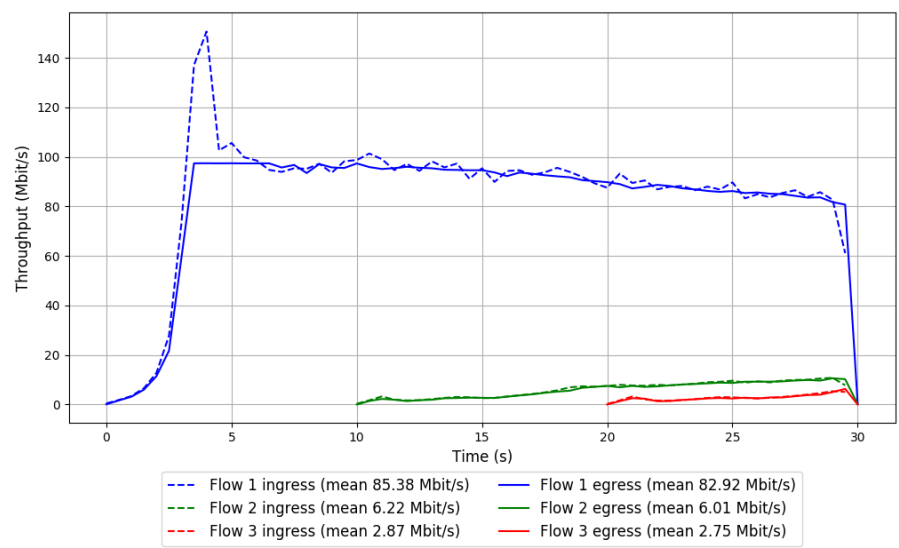


Run 6: Statistics of Vivace-loss

Start at: 2018-03-21 05:45:54
End at: 2018-03-21 05:46:24
Local clock offset: 5.875 ms
Remote clock offset: -5.725 ms

Below is generated by plot.py at 2018-03-21 08:38:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.82 Mbit/s
95th percentile per-packet one-way delay: 131.746 ms
Loss rate: 2.83%
-- Flow 1:
Average throughput: 82.92 Mbit/s
95th percentile per-packet one-way delay: 131.691 ms
Loss rate: 2.78%
-- Flow 2:
Average throughput: 6.01 Mbit/s
95th percentile per-packet one-way delay: 138.458 ms
Loss rate: 3.32%
-- Flow 3:
Average throughput: 2.75 Mbit/s
95th percentile per-packet one-way delay: 131.718 ms
Loss rate: 4.37%

Run 6: Report of Vivace-loss — Data Link

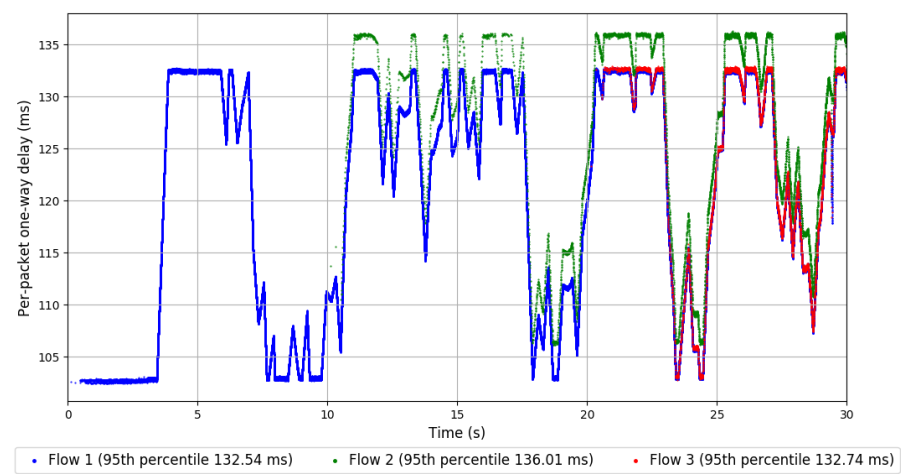
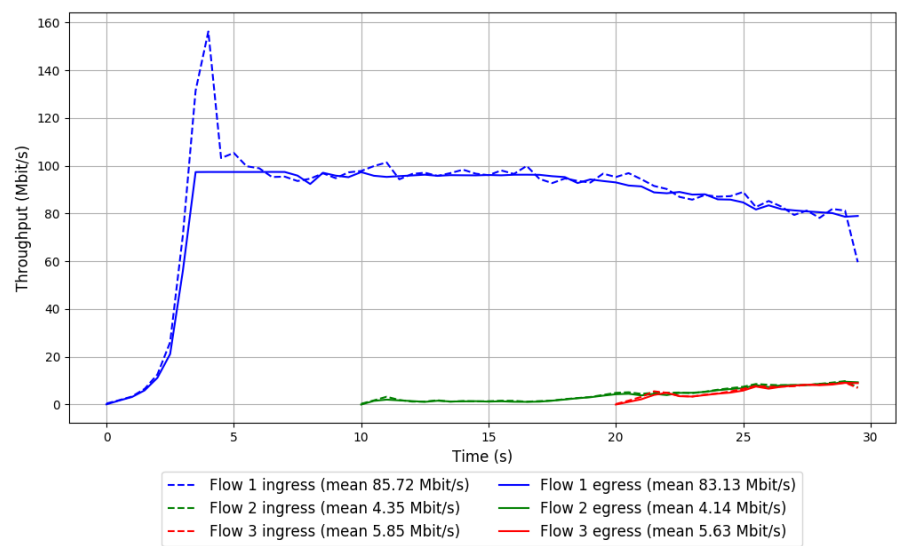


Run 7: Statistics of Vivace-loss

Start at: 2018-03-21 06:10:00
End at: 2018-03-21 06:10:30
Local clock offset: 17.368 ms
Remote clock offset: -6.939 ms

Below is generated by plot.py at 2018-03-21 08:38:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.73 Mbit/s
95th percentile per-packet one-way delay: 132.560 ms
Loss rate: 3.01%
-- Flow 1:
Average throughput: 83.13 Mbit/s
95th percentile per-packet one-way delay: 132.538 ms
Loss rate: 2.93%
-- Flow 2:
Average throughput: 4.14 Mbit/s
95th percentile per-packet one-way delay: 136.008 ms
Loss rate: 4.80%
-- Flow 3:
Average throughput: 5.63 Mbit/s
95th percentile per-packet one-way delay: 132.737 ms
Loss rate: 3.73%

Run 7: Report of Vivace-loss — Data Link

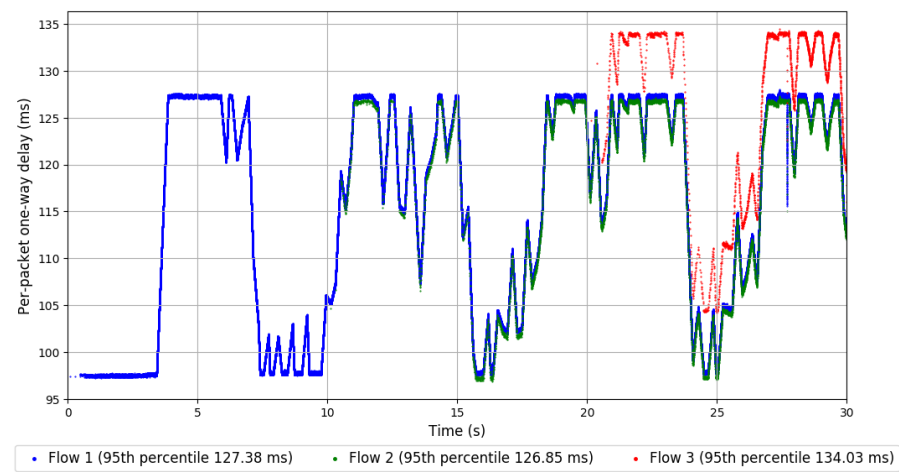
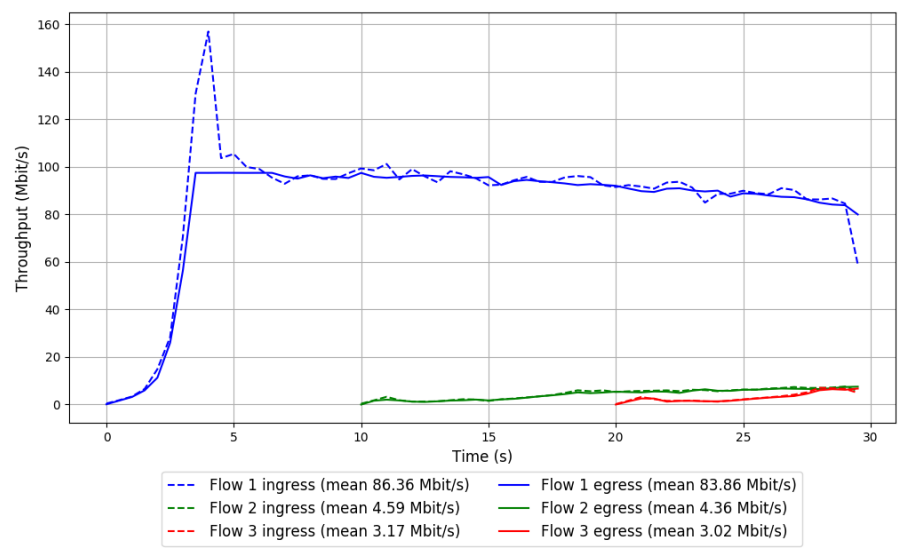


Run 8: Statistics of Vivace-loss

Start at: 2018-03-21 06:34:11
End at: 2018-03-21 06:34:41
Local clock offset: 26.043 ms
Remote clock offset: -11.955 ms

Below is generated by plot.py at 2018-03-21 08:38:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.74 Mbit/s
95th percentile per-packet one-way delay: 127.392 ms
Loss rate: 2.96%
-- Flow 1:
Average throughput: 83.86 Mbit/s
95th percentile per-packet one-way delay: 127.383 ms
Loss rate: 2.85%
-- Flow 2:
Average throughput: 4.36 Mbit/s
95th percentile per-packet one-way delay: 126.847 ms
Loss rate: 5.14%
-- Flow 3:
Average throughput: 3.02 Mbit/s
95th percentile per-packet one-way delay: 134.034 ms
Loss rate: 5.04%

Run 8: Report of Vivace-loss — Data Link

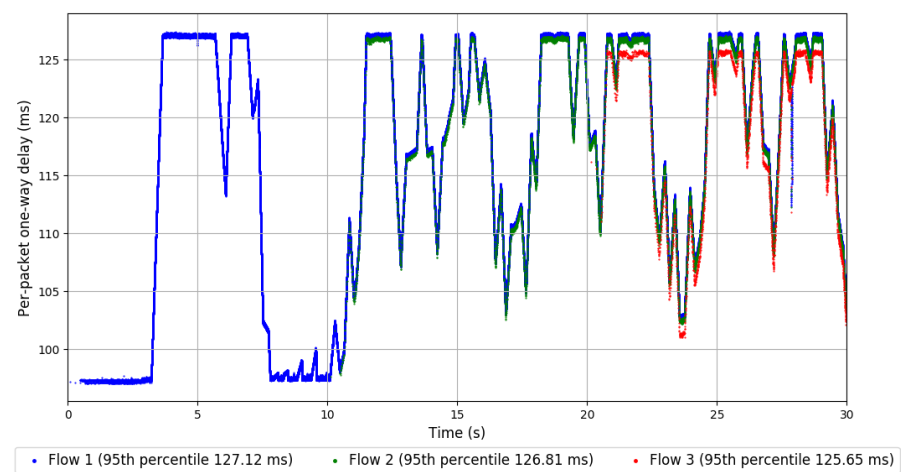
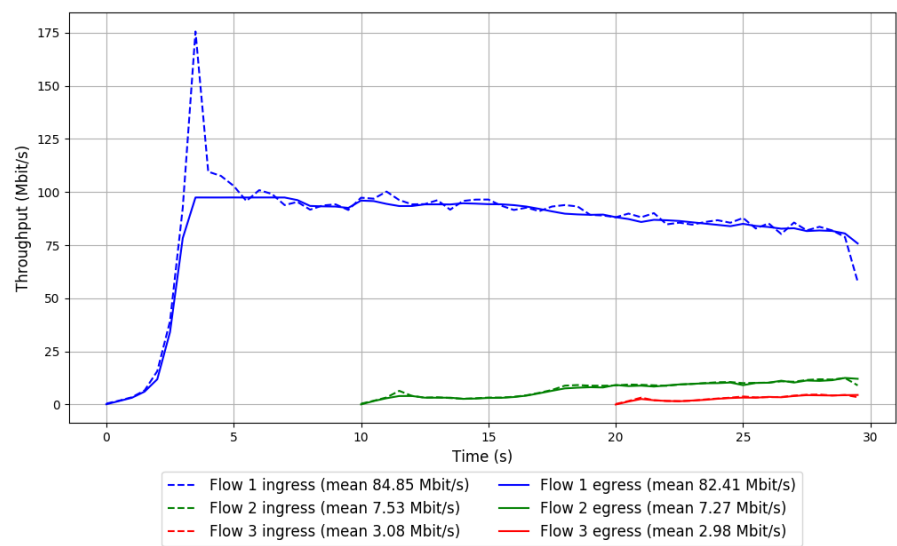


Run 9: Statistics of Vivace-loss

Start at: 2018-03-21 06:58:21
End at: 2018-03-21 06:58:51
Local clock offset: 32.737 ms
Remote clock offset: -13.216 ms

Below is generated by plot.py at 2018-03-21 08:39:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.23 Mbit/s
95th percentile per-packet one-way delay: 127.120 ms
Loss rate: 2.89%
-- Flow 1:
Average throughput: 82.41 Mbit/s
95th percentile per-packet one-way delay: 127.124 ms
Loss rate: 2.85%
-- Flow 2:
Average throughput: 7.27 Mbit/s
95th percentile per-packet one-way delay: 126.812 ms
Loss rate: 3.44%
-- Flow 3:
Average throughput: 2.98 Mbit/s
95th percentile per-packet one-way delay: 125.652 ms
Loss rate: 3.44%

Run 9: Report of Vivace-loss — Data Link

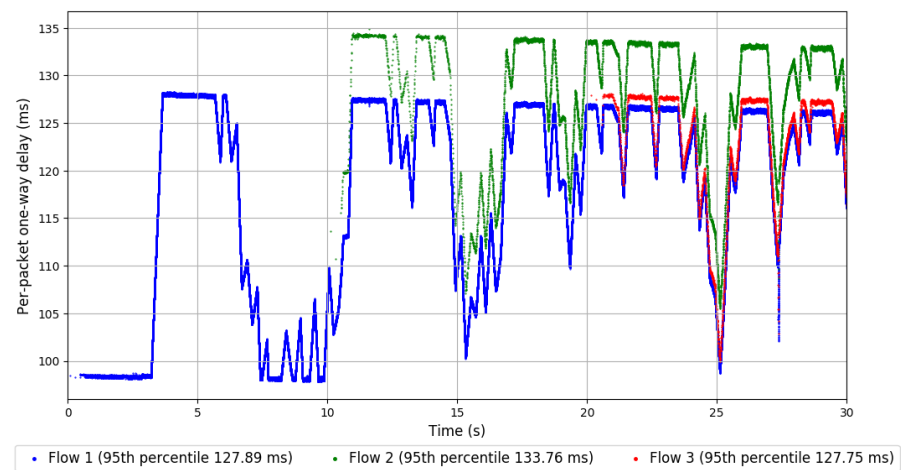
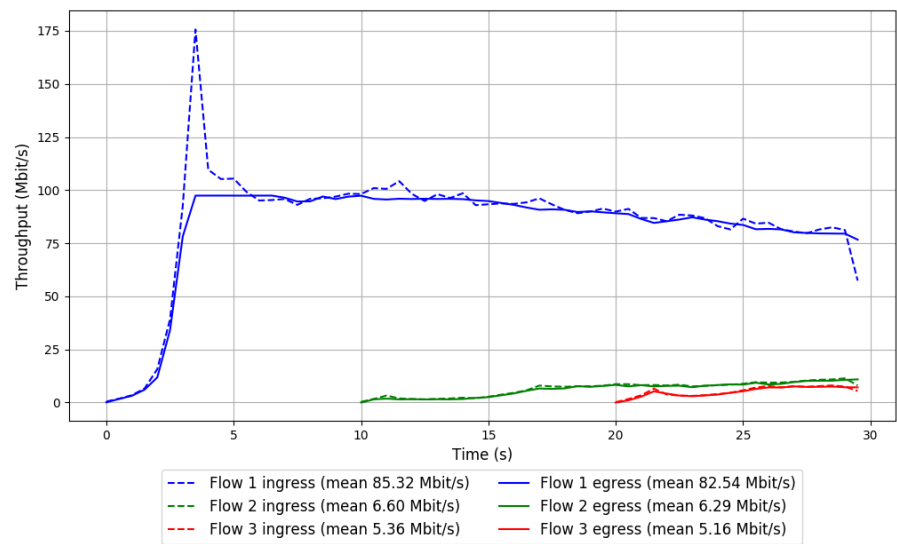


Run 10: Statistics of Vivace-loss

Start at: 2018-03-21 07:22:27
End at: 2018-03-21 07:22:57
Local clock offset: 27.483 ms
Remote clock offset: -10.614 ms

Below is generated by plot.py at 2018-03-21 08:39:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.42 Mbit/s
95th percentile per-packet one-way delay: 127.991 ms
Loss rate: 3.28%
-- Flow 1:
Average throughput: 82.54 Mbit/s
95th percentile per-packet one-way delay: 127.888 ms
Loss rate: 3.20%
-- Flow 2:
Average throughput: 6.29 Mbit/s
95th percentile per-packet one-way delay: 133.761 ms
Loss rate: 4.71%
-- Flow 3:
Average throughput: 5.16 Mbit/s
95th percentile per-packet one-way delay: 127.752 ms
Loss rate: 3.84%

Run 10: Report of Vivace-loss — Data Link

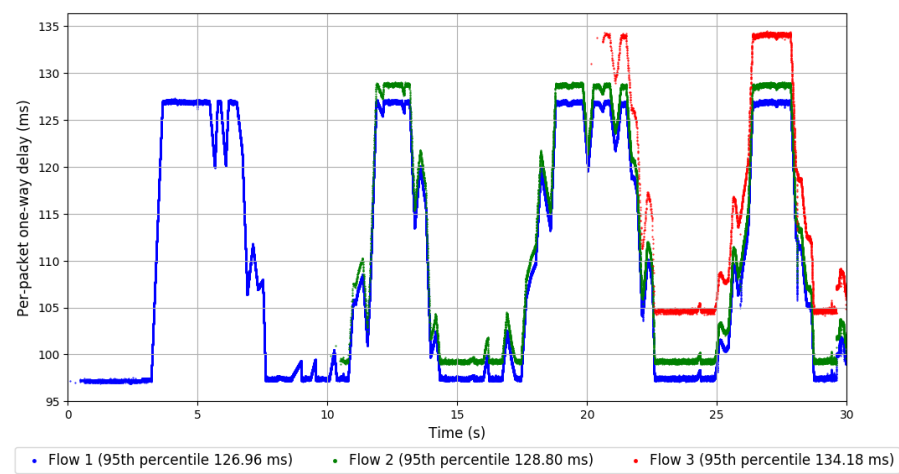
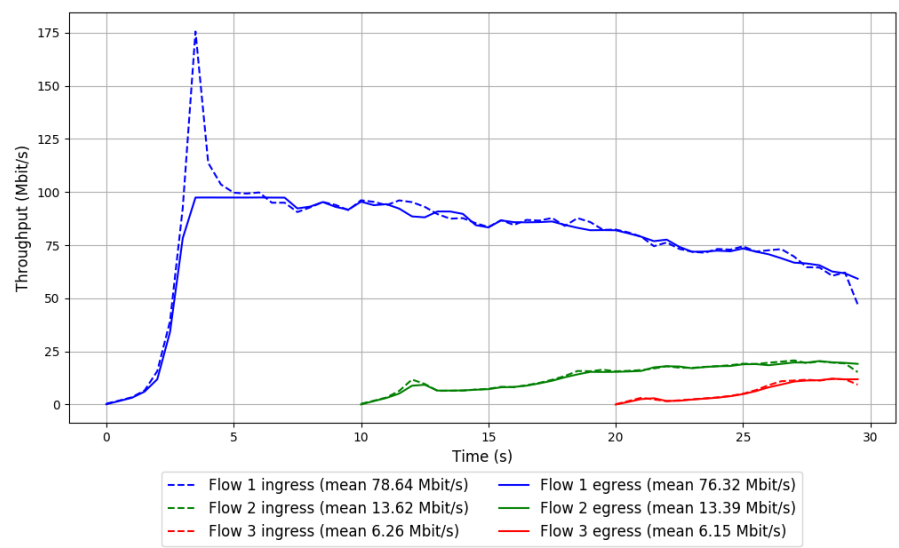


Run 1: Statistics of Vivace-LTE

Start at: 2018-03-21 03:50:07
End at: 2018-03-21 03:50:37
Local clock offset: -5.467 ms
Remote clock offset: -3.831 ms

Below is generated by plot.py at 2018-03-21 08:39:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.23 Mbit/s
95th percentile per-packet one-way delay: 127.026 ms
Loss rate: 2.80%
-- Flow 1:
Average throughput: 76.32 Mbit/s
95th percentile per-packet one-way delay: 126.961 ms
Loss rate: 2.94%
-- Flow 2:
Average throughput: 13.39 Mbit/s
95th percentile per-packet one-way delay: 128.801 ms
Loss rate: 1.72%
-- Flow 3:
Average throughput: 6.15 Mbit/s
95th percentile per-packet one-way delay: 134.181 ms
Loss rate: 2.02%

Run 1: Report of Vivace-LTE — Data Link

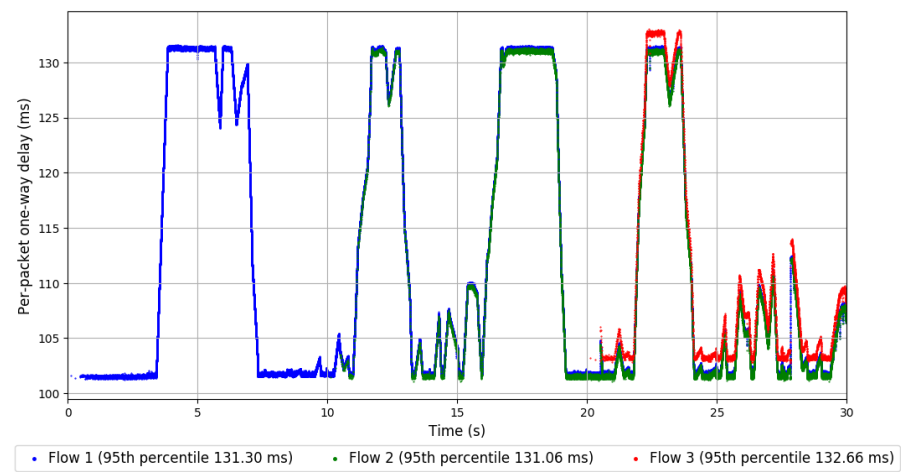
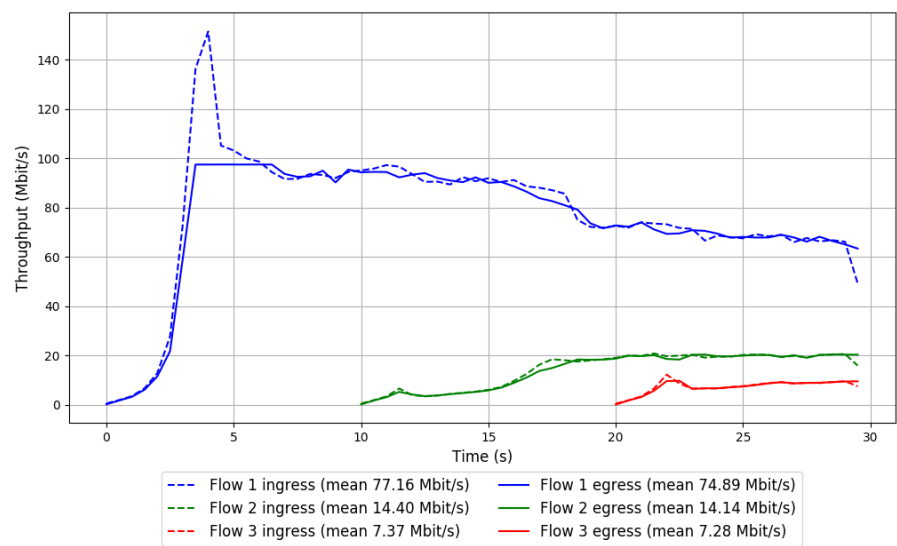


Run 2: Statistics of Vivace-LTE

Start at: 2018-03-21 04:14:32
End at: 2018-03-21 04:15:02
Local clock offset: -6.936 ms
Remote clock offset: -1.165 ms

Below is generated by plot.py at 2018-03-21 08:39:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.69 Mbit/s
95th percentile per-packet one-way delay: 131.297 ms
Loss rate: 2.75%
-- Flow 1:
Average throughput: 74.89 Mbit/s
95th percentile per-packet one-way delay: 131.303 ms
Loss rate: 2.92%
-- Flow 2:
Average throughput: 14.14 Mbit/s
95th percentile per-packet one-way delay: 131.058 ms
Loss rate: 1.75%
-- Flow 3:
Average throughput: 7.28 Mbit/s
95th percentile per-packet one-way delay: 132.658 ms
Loss rate: 1.14%

Run 2: Report of Vivace-LTE — Data Link

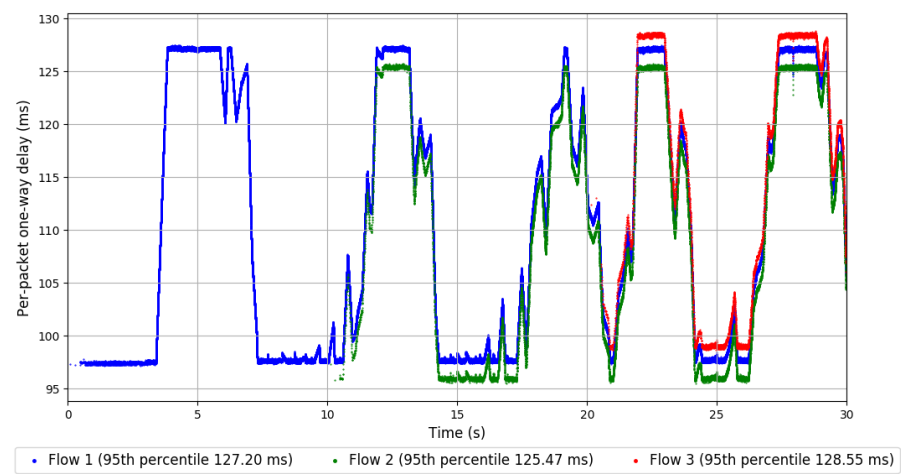
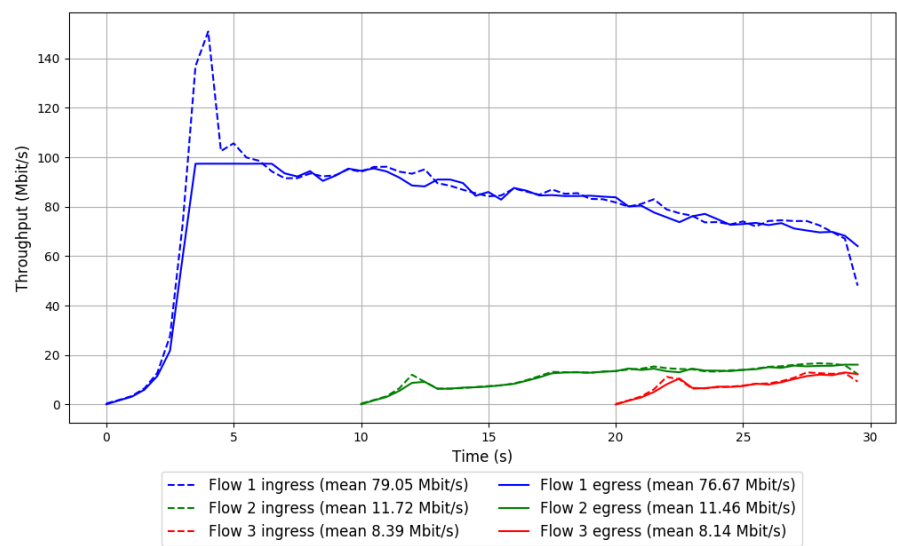


Run 3: Statistics of Vivace-LTE

Start at: 2018-03-21 04:38:45
End at: 2018-03-21 04:39:15
Local clock offset: -6.314 ms
Remote clock offset: -6.258 ms

Below is generated by plot.py at 2018-03-21 08:39:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.97 Mbit/s
95th percentile per-packet one-way delay: 127.210 ms
Loss rate: 2.90%
-- Flow 1:
Average throughput: 76.67 Mbit/s
95th percentile per-packet one-way delay: 127.202 ms
Loss rate: 2.97%
-- Flow 2:
Average throughput: 11.46 Mbit/s
95th percentile per-packet one-way delay: 125.469 ms
Loss rate: 2.15%
-- Flow 3:
Average throughput: 8.14 Mbit/s
95th percentile per-packet one-way delay: 128.551 ms
Loss rate: 3.00%

Run 3: Report of Vivace-LTE — Data Link

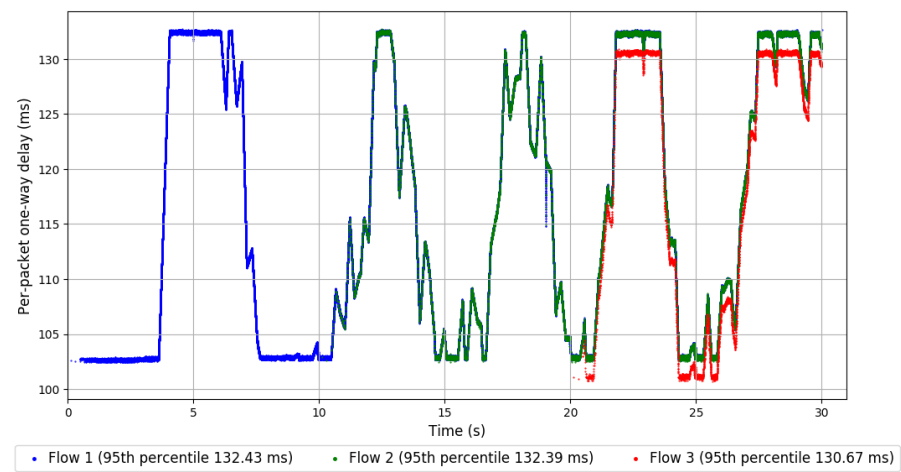
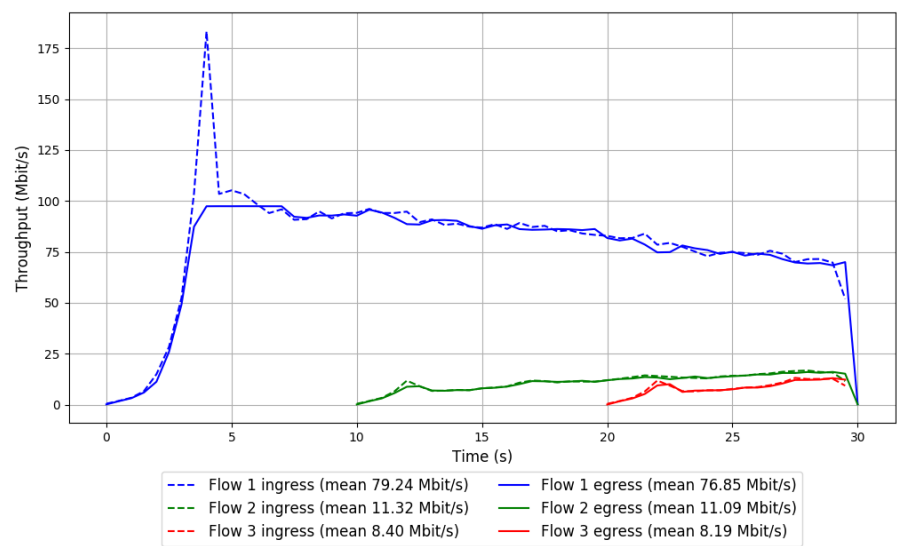


Run 4: Statistics of Vivace-LTE

Start at: 2018-03-21 05:02:48
End at: 2018-03-21 05:03:18
Local clock offset: -5.741 ms
Remote clock offset: -3.514 ms

Below is generated by plot.py at 2018-03-21 08:39:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.93 Mbit/s
95th percentile per-packet one-way delay: 132.424 ms
Loss rate: 2.82%
-- Flow 1:
Average throughput: 76.85 Mbit/s
95th percentile per-packet one-way delay: 132.430 ms
Loss rate: 2.93%
-- Flow 2:
Average throughput: 11.09 Mbit/s
95th percentile per-packet one-way delay: 132.388 ms
Loss rate: 1.88%
-- Flow 3:
Average throughput: 8.19 Mbit/s
95th percentile per-packet one-way delay: 130.672 ms
Loss rate: 2.25%

Run 4: Report of Vivace-LTE — Data Link

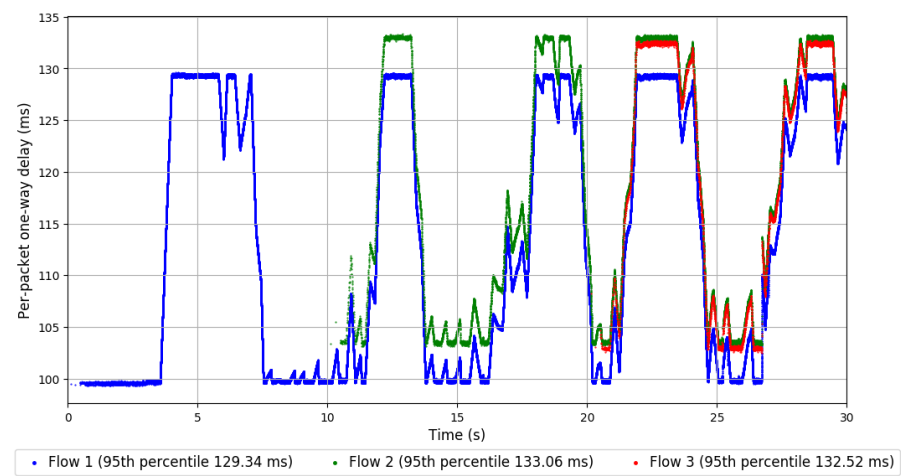
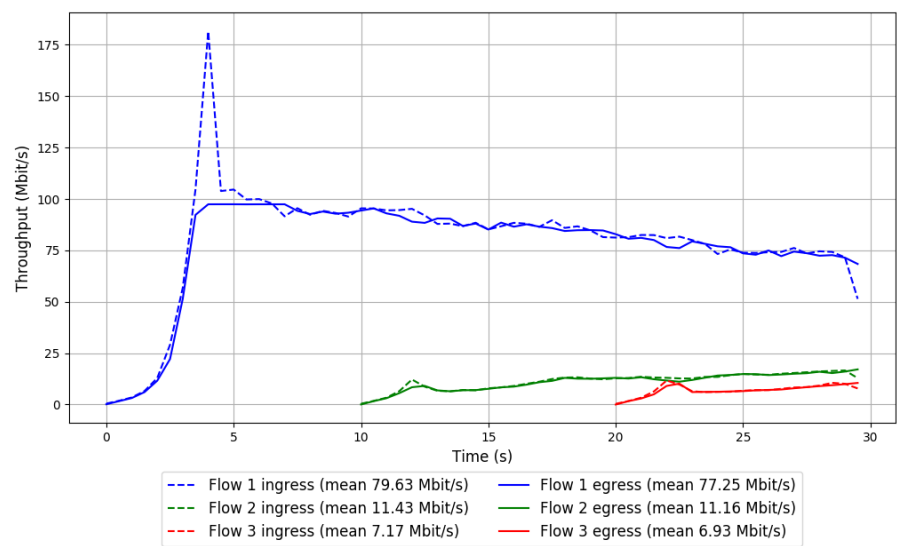


Run 5: Statistics of Vivace-LTE

Start at: 2018-03-21 05:27:01
End at: 2018-03-21 05:27:31
Local clock offset: -6.762 ms
Remote clock offset: -4.792 ms

Below is generated by plot.py at 2018-03-21 08:39:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.96 Mbit/s
95th percentile per-packet one-way delay: 129.414 ms
Loss rate: 2.86%
-- Flow 1:
Average throughput: 77.25 Mbit/s
95th percentile per-packet one-way delay: 129.335 ms
Loss rate: 2.91%
-- Flow 2:
Average throughput: 11.16 Mbit/s
95th percentile per-packet one-way delay: 133.056 ms
Loss rate: 2.33%
-- Flow 3:
Average throughput: 6.93 Mbit/s
95th percentile per-packet one-way delay: 132.520 ms
Loss rate: 3.06%

Run 5: Report of Vivace-LTE — Data Link

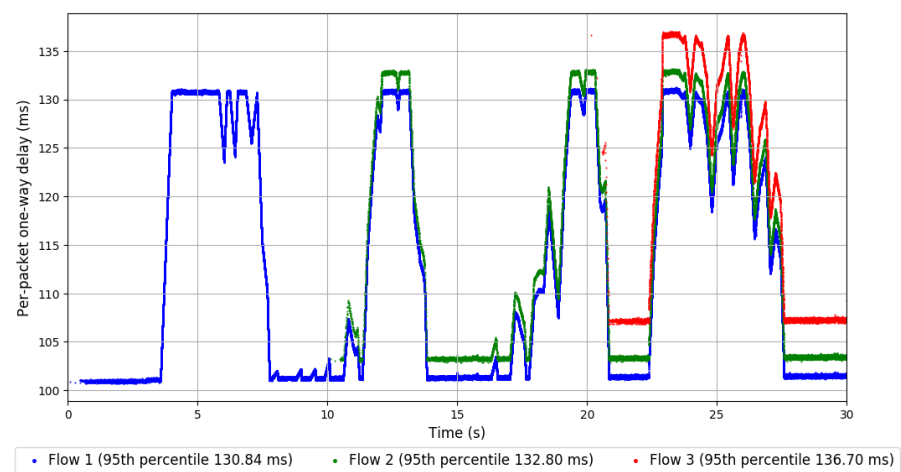
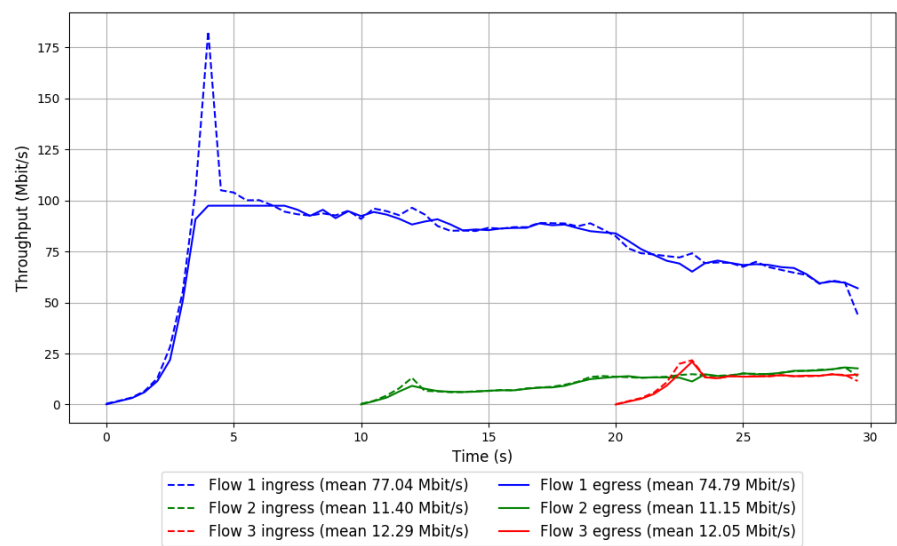


Run 6: Statistics of Vivace-LTE

Start at: 2018-03-21 05:51:11
End at: 2018-03-21 05:51:41
Local clock offset: 10.016 ms
Remote clock offset: -5.954 ms

Below is generated by plot.py at 2018-03-21 08:39:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.15 Mbit/s
95th percentile per-packet one-way delay: 130.910 ms
Loss rate: 2.82%
-- Flow 1:
Average throughput: 74.79 Mbit/s
95th percentile per-packet one-way delay: 130.836 ms
Loss rate: 2.91%
-- Flow 2:
Average throughput: 11.15 Mbit/s
95th percentile per-packet one-way delay: 132.801 ms
Loss rate: 2.19%
-- Flow 3:
Average throughput: 12.05 Mbit/s
95th percentile per-packet one-way delay: 136.698 ms
Loss rate: 2.24%

Run 6: Report of Vivace-LTE — Data Link

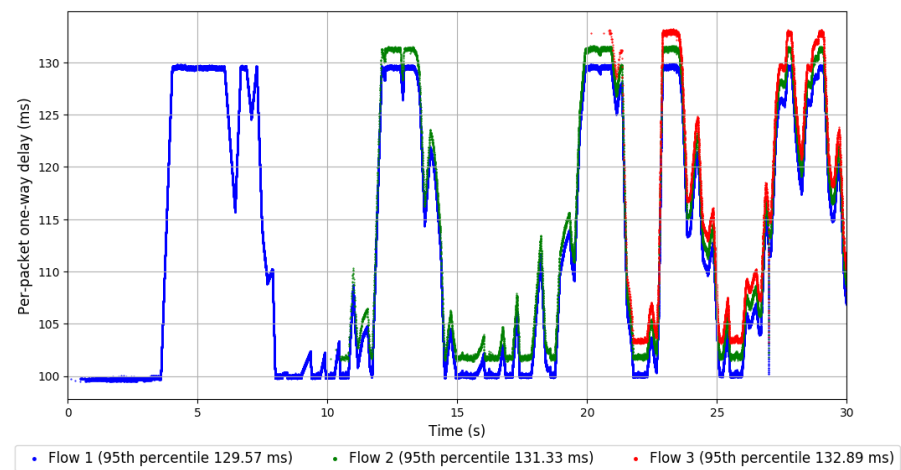
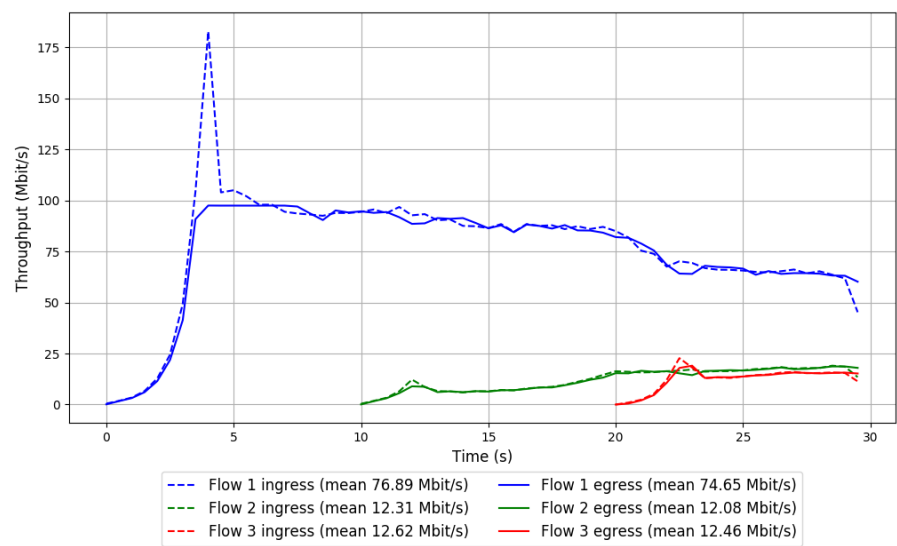


Run 7: Statistics of Vivace-LTE

Start at: 2018-03-21 06:15:20
End at: 2018-03-21 06:15:50
Local clock offset: 19.649 ms
Remote clock offset: -7.199 ms

Below is generated by plot.py at 2018-03-21 08:39:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.78 Mbit/s
95th percentile per-packet one-way delay: 129.622 ms
Loss rate: 2.73%
-- Flow 1:
Average throughput: 74.65 Mbit/s
95th percentile per-packet one-way delay: 129.570 ms
Loss rate: 2.89%
-- Flow 2:
Average throughput: 12.08 Mbit/s
95th percentile per-packet one-way delay: 131.328 ms
Loss rate: 1.86%
-- Flow 3:
Average throughput: 12.46 Mbit/s
95th percentile per-packet one-way delay: 132.890 ms
Loss rate: 1.48%

Run 7: Report of Vivace-LTE — Data Link

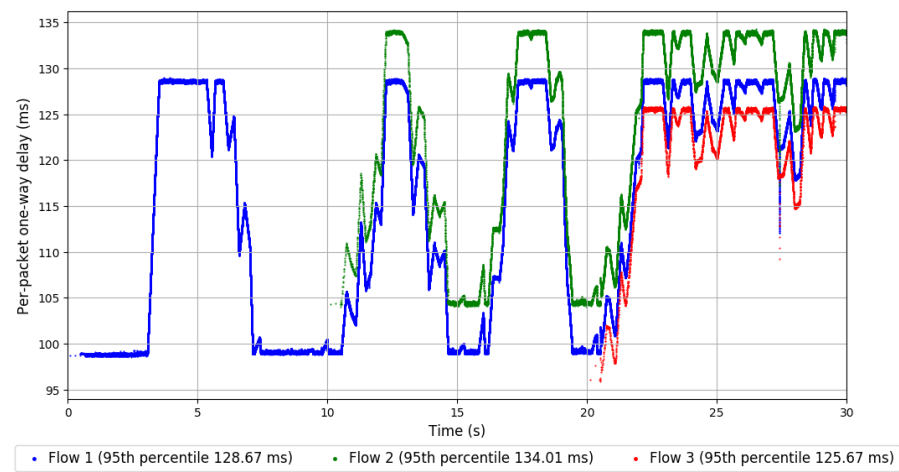
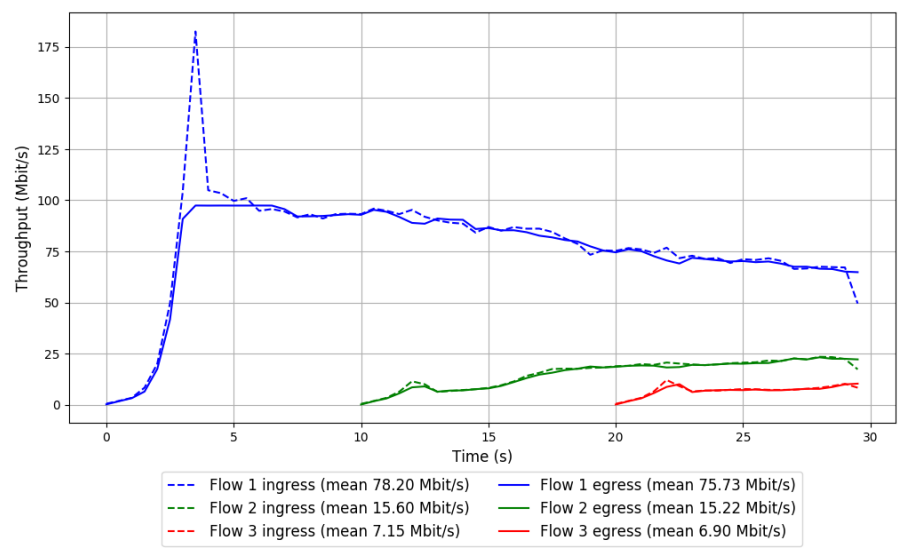


Run 8: Statistics of Vivace-LTE

Start at: 2018-03-21 06:39:29
End at: 2018-03-21 06:39:59
Local clock offset: 27.526 ms
Remote clock offset: -12.295 ms

Below is generated by plot.py at 2018-03-21 08:39:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.13 Mbit/s
95th percentile per-packet one-way delay: 131.685 ms
Loss rate: 2.98%
-- Flow 1:
Average throughput: 75.73 Mbit/s
95th percentile per-packet one-way delay: 128.666 ms
Loss rate: 3.07%
-- Flow 2:
Average throughput: 15.22 Mbit/s
95th percentile per-packet one-way delay: 134.010 ms
Loss rate: 2.32%
-- Flow 3:
Average throughput: 6.90 Mbit/s
95th percentile per-packet one-way delay: 125.674 ms
Loss rate: 3.18%

Run 8: Report of Vivace-LTE — Data Link

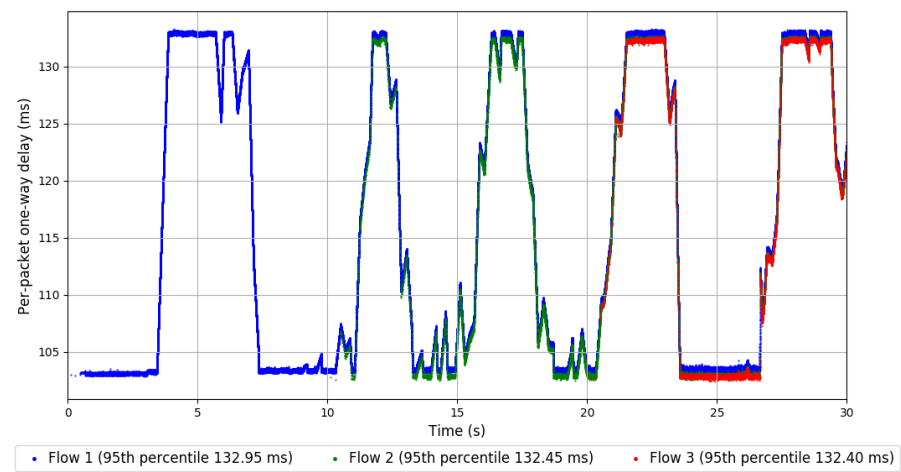
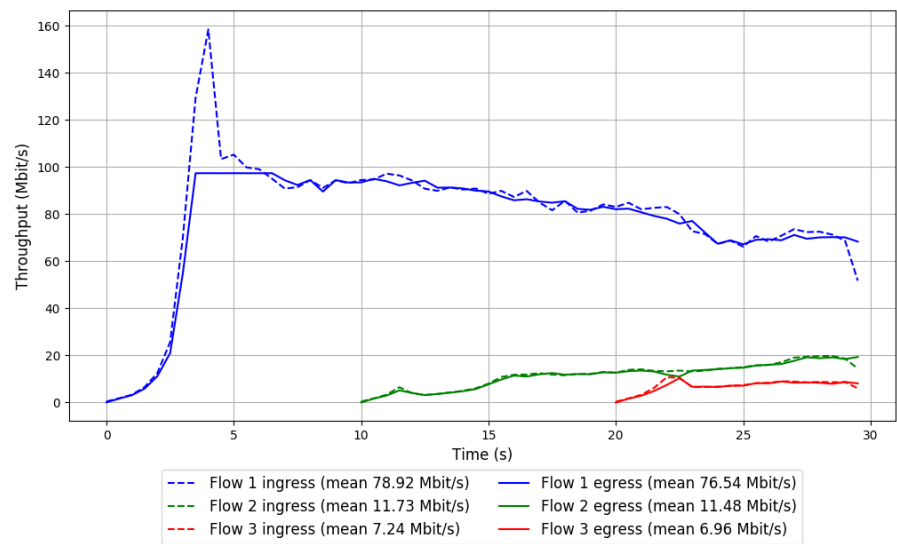


Run 9: Statistics of Vivace-LTE

Start at: 2018-03-21 07:03:39
End at: 2018-03-21 07:04:09
Local clock offset: 34.205 ms
Remote clock offset: -9.628 ms

Below is generated by plot.py at 2018-03-21 08:39:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.47 Mbit/s
95th percentile per-packet one-way delay: 132.941 ms
Loss rate: 2.89%
-- Flow 1:
Average throughput: 76.54 Mbit/s
95th percentile per-packet one-way delay: 132.951 ms
Loss rate: 2.95%
-- Flow 2:
Average throughput: 11.48 Mbit/s
95th percentile per-packet one-way delay: 132.448 ms
Loss rate: 2.06%
-- Flow 3:
Average throughput: 6.96 Mbit/s
95th percentile per-packet one-way delay: 132.396 ms
Loss rate: 3.69%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-03-21 07:27:46
End at: 2018-03-21 07:28:16
Local clock offset: 8.196 ms
Remote clock offset: -14.666 ms

Below is generated by plot.py at 2018-03-21 08:39:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.10 Mbit/s
95th percentile per-packet one-way delay: 127.426 ms
Loss rate: 2.87%
-- Flow 1:
Average throughput: 74.57 Mbit/s
95th percentile per-packet one-way delay: 127.448 ms
Loss rate: 3.01%
-- Flow 2:
Average throughput: 14.92 Mbit/s
95th percentile per-packet one-way delay: 126.136 ms
Loss rate: 2.18%
-- Flow 3:
Average throughput: 7.91 Mbit/s
95th percentile per-packet one-way delay: 124.564 ms
Loss rate: 1.51%

Run 10: Report of Vivace-LTE — Data Link

