

Pantheon Summary (Generated at Mon, 10 Jul 2017 05:54:28 +0000 with pantheon version c3610718e2bbac84102e8ac47b889a75d4392d79)

Repeated the test of 15 congestion control schemes 10 times.

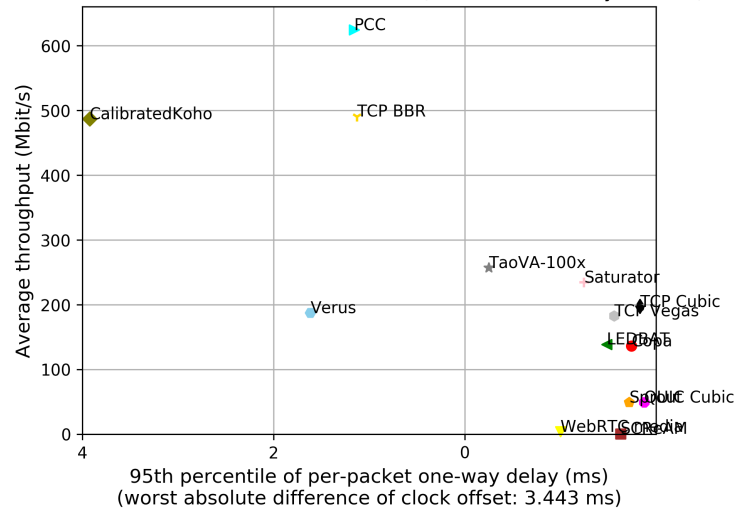
Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.

Data path **from** Stanford Ethernet **to** AWS California 1 Ethernet.

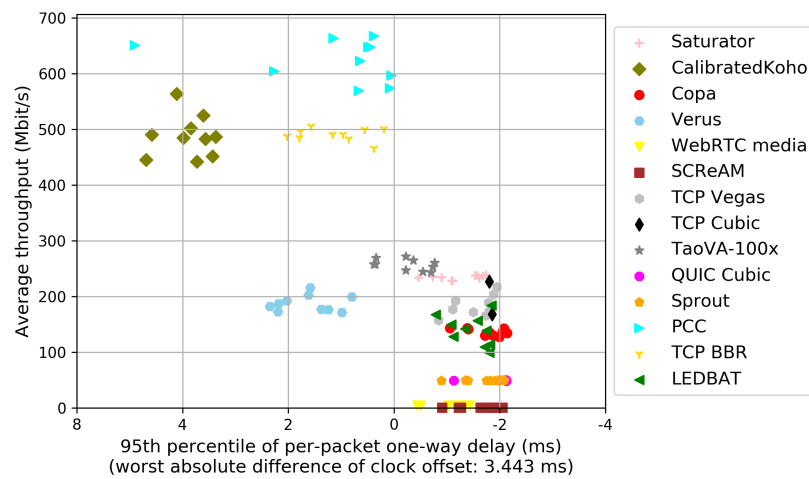
NTP offset measured against time.stanford.edu.

```
git branch: master @ c3610718e2bbac84102e8ac47b889a75d4392d79
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ dae96123232f1bcb37725348fa2378691ce26725
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7
third_party/pantheon-tunnel @ c792f8e8e0704b1646a0e024766675d8e9a835f1
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-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeab30b267cde681
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/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

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



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



scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	264.36	244.56	191.13	0.62	1.40	1.81	10.28	11.98	14.05
CalibratedKoho	10	268.85	253.97	148.68	3.46	3.78	5.42	49.34	41.41	35.79
Copa	10	72.27	67.59	57.15	-1.75	-1.74	-1.69	0.47	0.27	0.35
TCP Cubic	10	94.29	81.95	146.81	-1.87	-1.80	-1.79	0.28	0.58	0.53
KohoCC	10	nan	nan	nan	nan	nan	nan	nan	nan	nan
LEDBAT	10	72.09	69.10	65.16	-1.51	-1.50	-1.37	0.47	0.47	0.65
PCC	10	467.79	172.77	127.07	1.16	1.24	1.33	9.78	3.12	2.79
QUIC Cubic	10	66.35	65.62	66.98	-1.87	-1.87	-1.88	0.02	0.04	0.03
Saturator	10	117.50	116.95	117.44	-1.33	-1.18	-1.16	0.66	0.82	0.75
SCReAM	10	0.22	0.22	0.22	-1.62	-1.66	-1.63	0.03	0.02	0.07
Sprout	10	24.62	24.52	24.39	-1.73	-1.72	-1.72	0.21	0.26	0.42
TaoVA-100x	10	150.98	120.88	76.88	-0.46	0.09	-0.53	2.09	3.10	1.66
TCP Vegas	10	88.77	89.58	103.93	-1.59	-1.52	-1.52	0.34	0.42	0.67
Verus	10	105.99	85.89	75.11	1.22	1.84	2.80	40.88	31.57	35.18
WebRTC media	10	2.29	1.42	0.45	-1.12	-0.84	-1.04	0.05	0.05	0.47

Run 1: Statistics of TCP BBR

Start at: Sun, 09 Jul 2017 23:37:51 +0000

End at: Sun, 09 Jul 2017 23:38:21 +0000

Local clock offset: 0.748 ms

Remote clock offset: -1.583 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:15:10 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 505.43 Mbit/s

95th percentile per-packet one-way delay: 1.573 ms

Loss rate: 11.05%

-- Flow 1:

Average throughput: 291.02 Mbit/s

95th percentile per-packet one-way delay: 1.035 ms

Loss rate: 9.77%

-- Flow 2:

Average throughput: 226.84 Mbit/s

95th percentile per-packet one-way delay: 1.829 ms

Loss rate: 12.04%

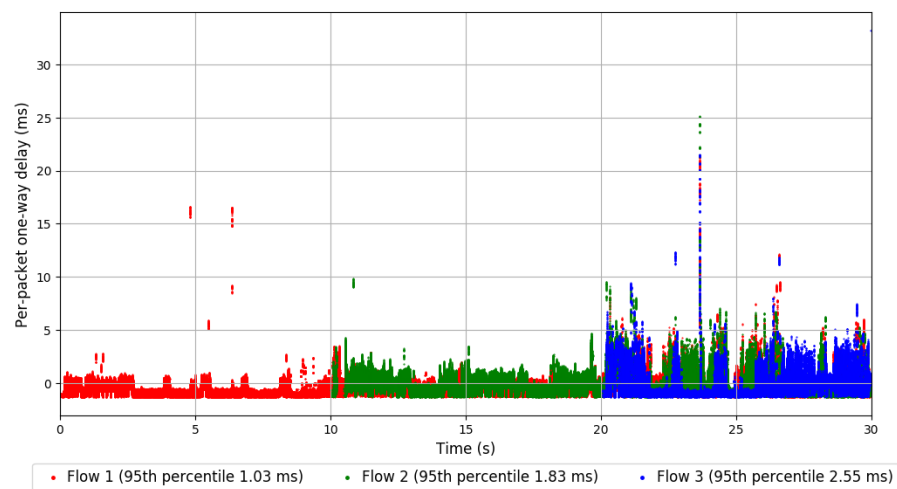
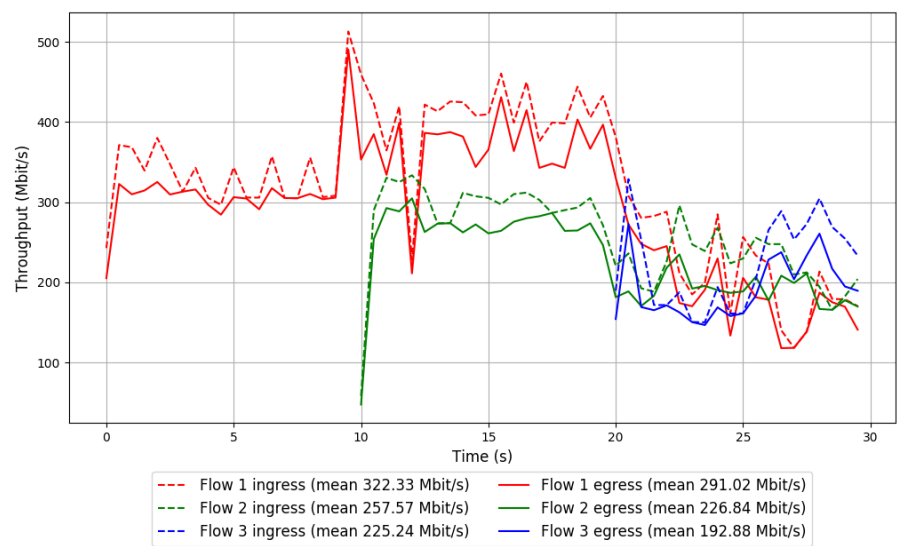
-- Flow 3:

Average throughput: 192.88 Mbit/s

95th percentile per-packet one-way delay: 2.553 ms

Loss rate: 14.27%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: Sun, 09 Jul 2017 23:58:31 +0000

End at: Sun, 09 Jul 2017 23:59:01 +0000

Local clock offset: 0.736 ms

Remote clock offset: -1.844 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:15:15 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 484.27 Mbit/s

95th percentile per-packet one-way delay: 1.792 ms

Loss rate: 11.60%

-- Flow 1:

Average throughput: 254.50 Mbit/s

95th percentile per-packet one-way delay: 1.139 ms

Loss rate: 9.78%

-- Flow 2:

Average throughput: 240.87 Mbit/s

95th percentile per-packet one-way delay: 1.747 ms

Loss rate: 12.09%

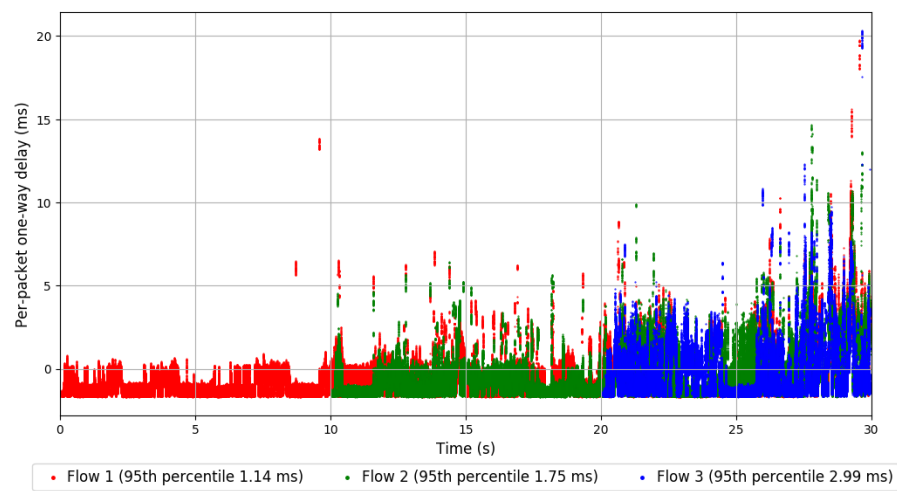
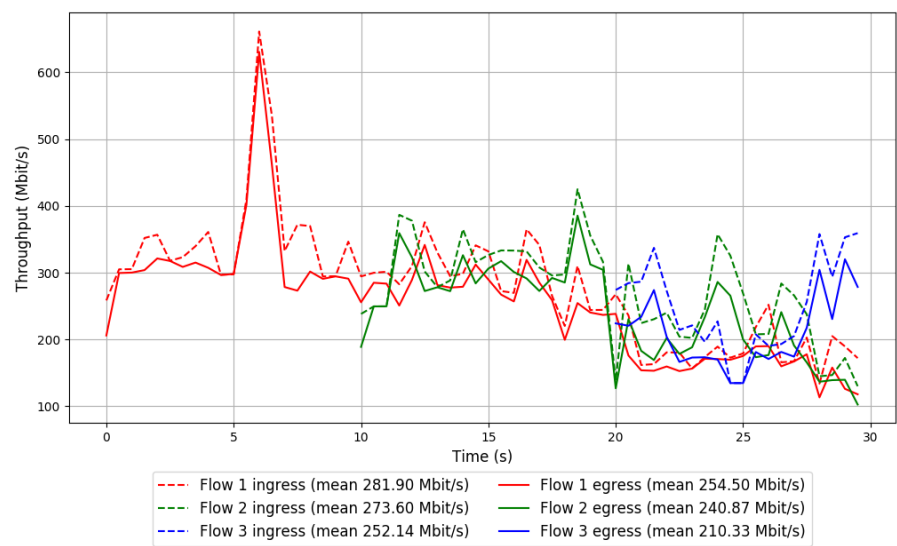
-- Flow 3:

Average throughput: 210.33 Mbit/s

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

Loss rate: 16.65%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: Mon, 10 Jul 2017 00:19:25 +0000

End at: Mon, 10 Jul 2017 00:19:55 +0000

Local clock offset: 0.815 ms

Remote clock offset: -1.822 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:16:11 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 490.95 Mbit/s

95th percentile per-packet one-way delay: 1.163 ms

Loss rate: 11.62%

-- Flow 1:

Average throughput: 259.25 Mbit/s

95th percentile per-packet one-way delay: 0.831 ms

Loss rate: 11.05%

-- Flow 2:

Average throughput: 248.31 Mbit/s

95th percentile per-packet one-way delay: 1.333 ms

Loss rate: 12.19%

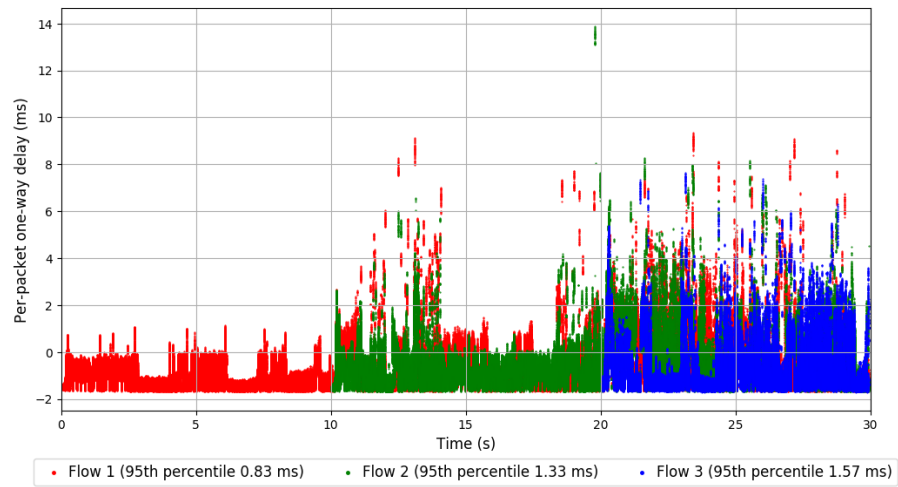
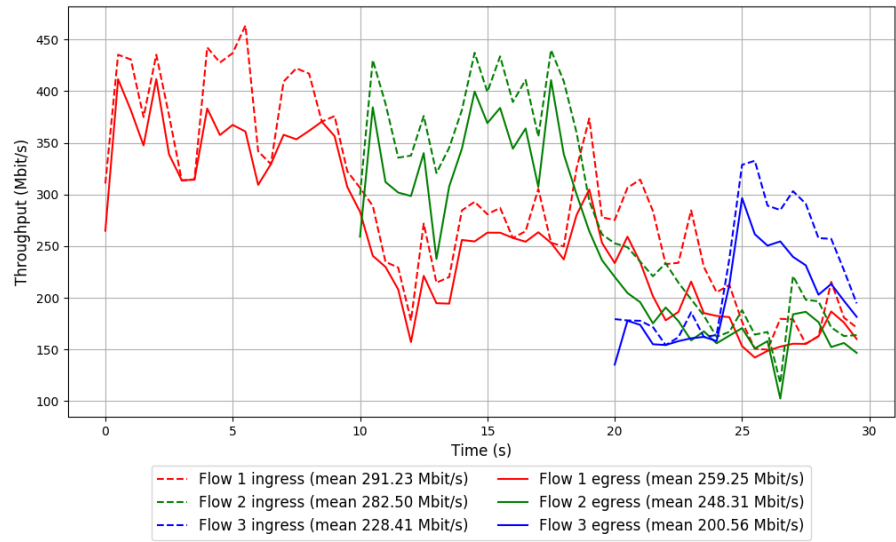
-- Flow 3:

Average throughput: 200.56 Mbit/s

95th percentile per-packet one-way delay: 1.574 ms

Loss rate: 12.37%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: Mon, 10 Jul 2017 00:40:06 +0000

End at: Mon, 10 Jul 2017 00:40:36 +0000

Local clock offset: 0.886 ms

Remote clock offset: -2.198 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:16:24 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 500.73 Mbit/s

95th percentile per-packet one-way delay: 0.191 ms

Loss rate: 10.46%

-- Flow 1:

Average throughput: 261.54 Mbit/s

95th percentile per-packet one-way delay: -0.002 ms

Loss rate: 9.72%

-- Flow 2:

Average throughput: 251.54 Mbit/s

95th percentile per-packet one-way delay: 0.163 ms

Loss rate: 10.60%

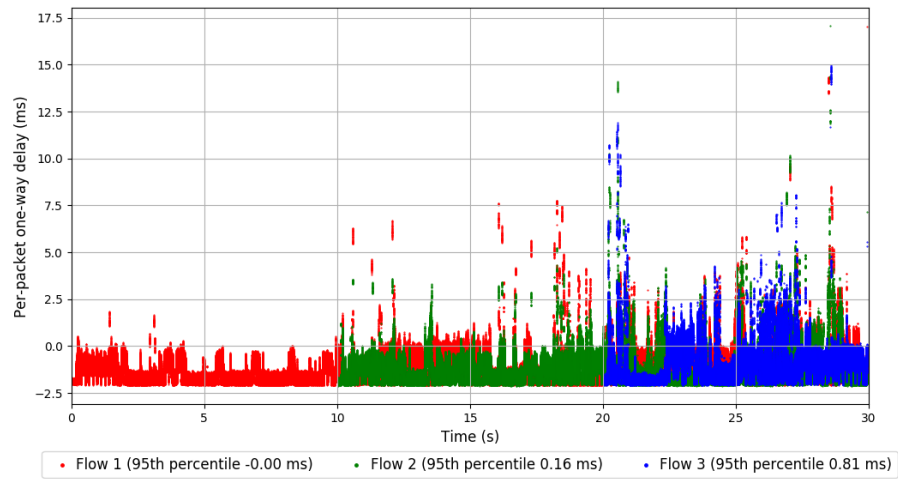
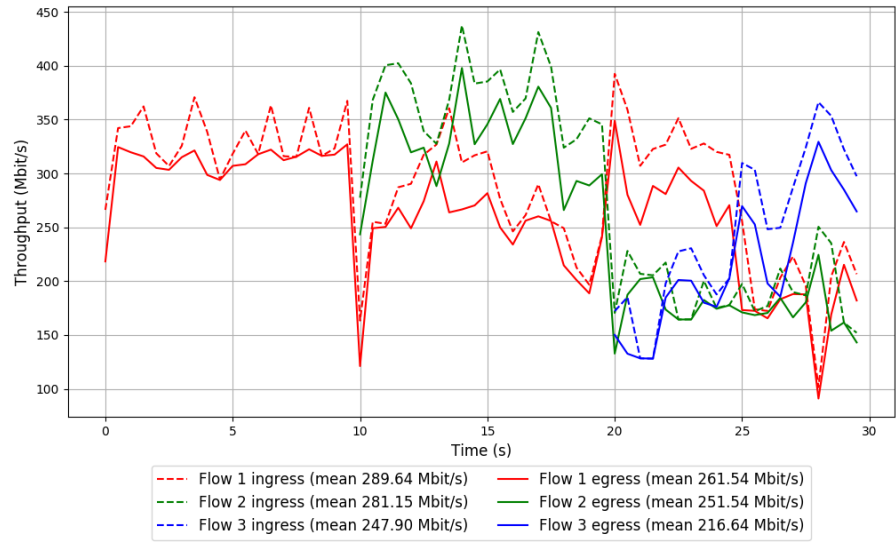
-- Flow 3:

Average throughput: 216.64 Mbit/s

95th percentile per-packet one-way delay: 0.809 ms

Loss rate: 12.74%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: Mon, 10 Jul 2017 01:00:59 +0000

End at: Mon, 10 Jul 2017 01:01:29 +0000

Local clock offset: 0.847 ms

Remote clock offset: -2.457 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:17:19 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 490.95 Mbit/s

95th percentile per-packet one-way delay: 0.964 ms

Loss rate: 12.79%

-- Flow 1:

Average throughput: 264.06 Mbit/s

95th percentile per-packet one-way delay: 0.723 ms

Loss rate: 10.94%

-- Flow 2:

Average throughput: 246.70 Mbit/s

95th percentile per-packet one-way delay: 1.003 ms

Loss rate: 13.71%

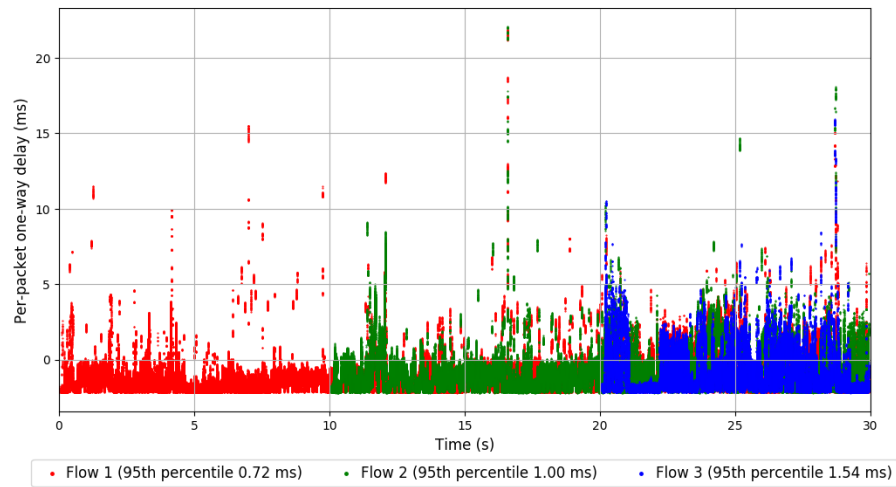
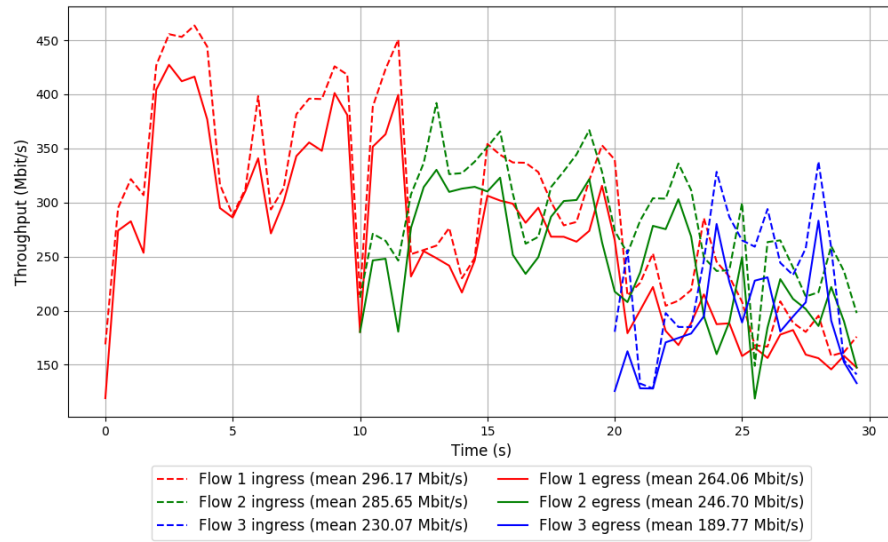
-- Flow 3:

Average throughput: 189.77 Mbit/s

95th percentile per-packet one-way delay: 1.536 ms

Loss rate: 17.71%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: Mon, 10 Jul 2017 01:21:44 +0000

End at: Mon, 10 Jul 2017 01:22:14 +0000

Local clock offset: 0.861 ms

Remote clock offset: -2.47 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:17:32 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 482.35 Mbit/s

95th percentile per-packet one-way delay: 0.858 ms

Loss rate: 11.12%

-- Flow 1:

Average throughput: 257.48 Mbit/s

95th percentile per-packet one-way delay: 0.299 ms

Loss rate: 10.07%

-- Flow 2:

Average throughput: 242.23 Mbit/s

95th percentile per-packet one-way delay: 1.225 ms

Loss rate: 11.42%

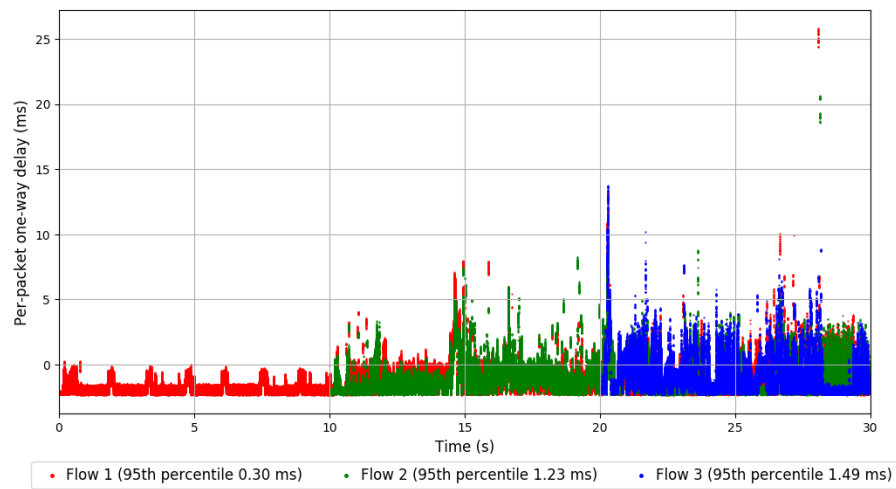
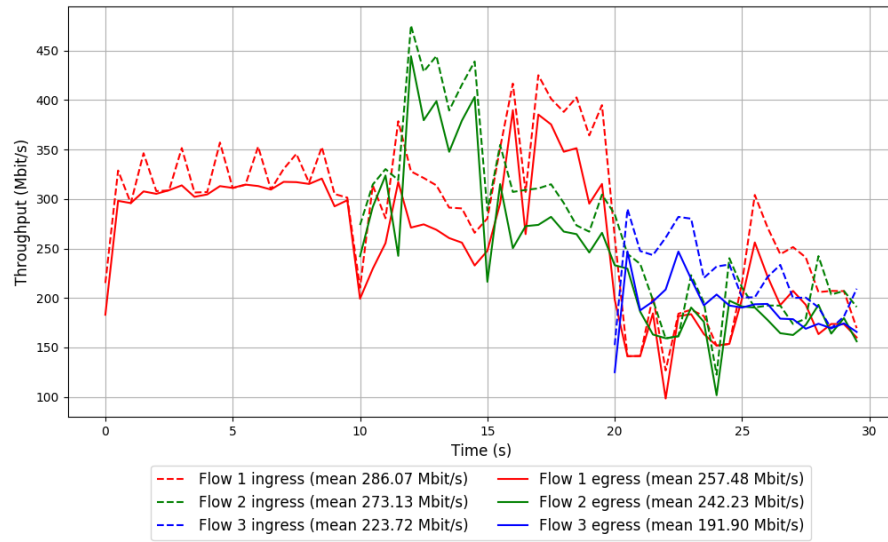
-- Flow 3:

Average throughput: 191.90 Mbit/s

95th percentile per-packet one-way delay: 1.490 ms

Loss rate: 14.43%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: Mon, 10 Jul 2017 01:42:36 +0000

End at: Mon, 10 Jul 2017 01:43:06 +0000

Local clock offset: 0.885 ms

Remote clock offset: -2.494 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:18:16 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 466.00 Mbit/s

95th percentile per-packet one-way delay: 0.383 ms

Loss rate: 10.38%

-- Flow 1:

Average throughput: 265.56 Mbit/s

95th percentile per-packet one-way delay: -0.201 ms

Loss rate: 9.57%

-- Flow 2:

Average throughput: 210.62 Mbit/s

95th percentile per-packet one-way delay: 0.886 ms

Loss rate: 11.68%

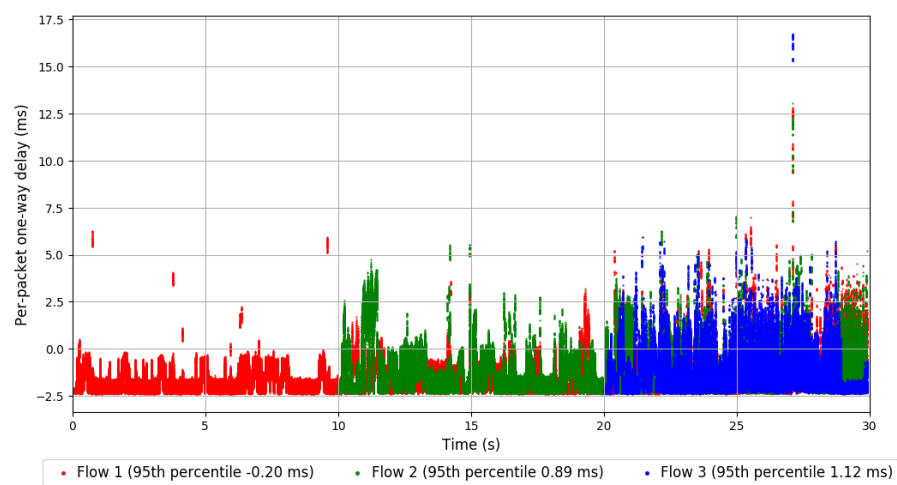
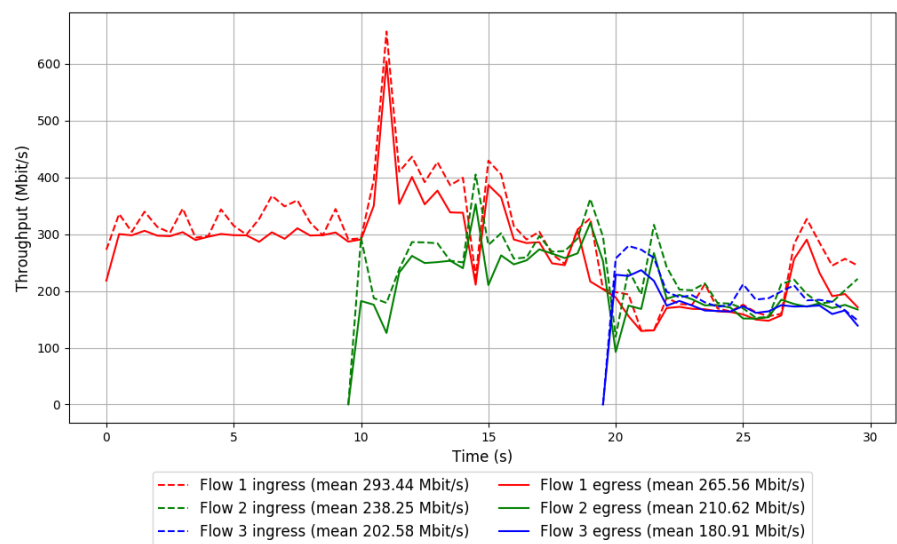
-- Flow 3:

Average throughput: 180.91 Mbit/s

95th percentile per-packet one-way delay: 1.119 ms

Loss rate: 10.89%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: Mon, 10 Jul 2017 02:03:18 +0000

End at: Mon, 10 Jul 2017 02:03:48 +0000

Local clock offset: 0.748 ms

Remote clock offset: -2.644 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:18:39 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 495.93 Mbit/s

95th percentile per-packet one-way delay: 1.773 ms

Loss rate: 11.83%

-- Flow 1:

Average throughput: 244.91 Mbit/s

95th percentile per-packet one-way delay: 1.186 ms

Loss rate: 10.30%

-- Flow 2:

Average throughput: 294.98 Mbit/s

95th percentile per-packet one-way delay: 2.121 ms

Loss rate: 12.81%

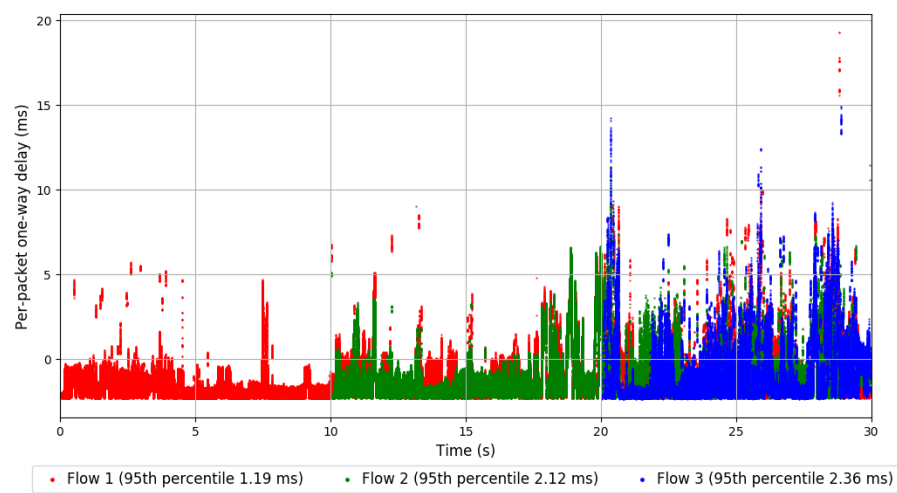
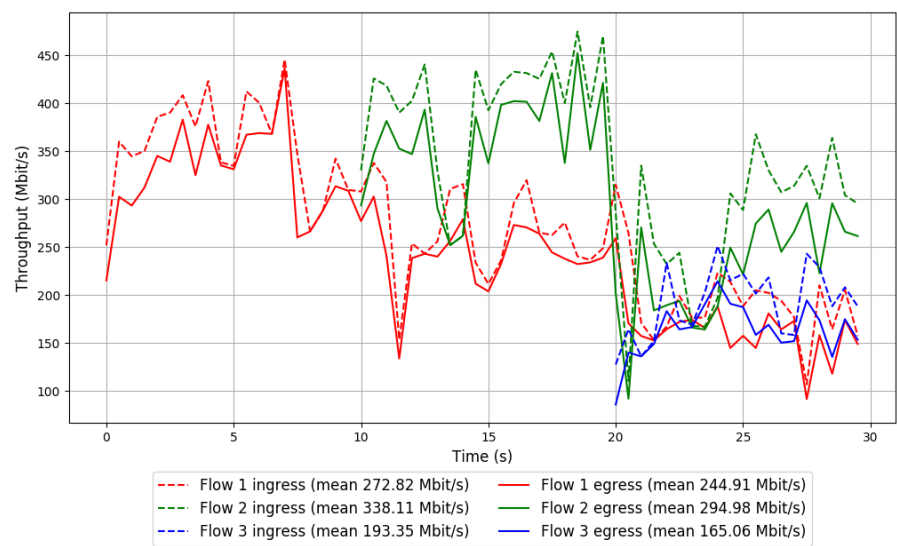
-- Flow 3:

Average throughput: 165.06 Mbit/s

95th percentile per-packet one-way delay: 2.359 ms

Loss rate: 14.90%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: Mon, 10 Jul 2017 02:24:04 +0000

End at: Mon, 10 Jul 2017 02:24:34 +0000

Local clock offset: 0.738 ms

Remote clock offset: -2.595 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:19:35 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 499.60 Mbit/s

95th percentile per-packet one-way delay: 0.556 ms

Loss rate: 11.29%

-- Flow 1:

Average throughput: 276.22 Mbit/s

95th percentile per-packet one-way delay: -0.067 ms

Loss rate: 10.65%

-- Flow 2:

Average throughput: 240.08 Mbit/s

95th percentile per-packet one-way delay: 0.607 ms

Loss rate: 10.85%

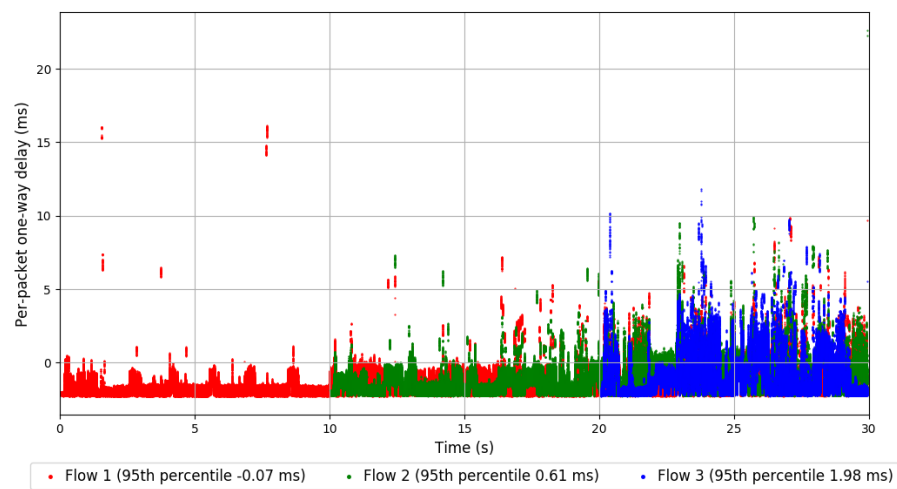
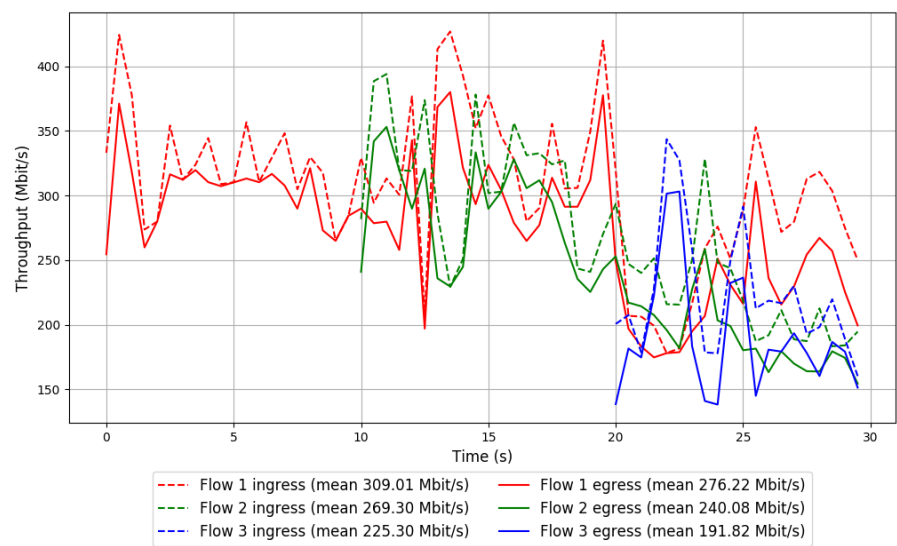
-- Flow 3:

Average throughput: 191.82 Mbit/s

95th percentile per-packet one-way delay: 1.976 ms

Loss rate: 15.00%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: Mon, 10 Jul 2017 02:44:54 +0000

End at: Mon, 10 Jul 2017 02:45:24 +0000

Local clock offset: 0.749 ms

Remote clock offset: -2.384 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:19:47 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 487.74 Mbit/s

95th percentile per-packet one-way delay: 2.018 ms

Loss rate: 11.53%

-- Flow 1:

Average throughput: 269.06 Mbit/s

95th percentile per-packet one-way delay: 1.239 ms

Loss rate: 10.98%

-- Flow 2:

Average throughput: 243.38 Mbit/s

95th percentile per-packet one-way delay: 3.108 ms

Loss rate: 12.44%

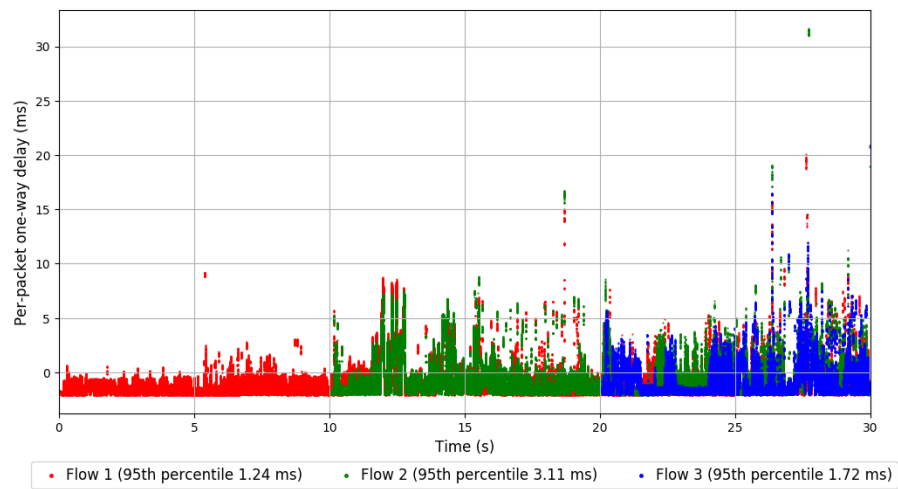
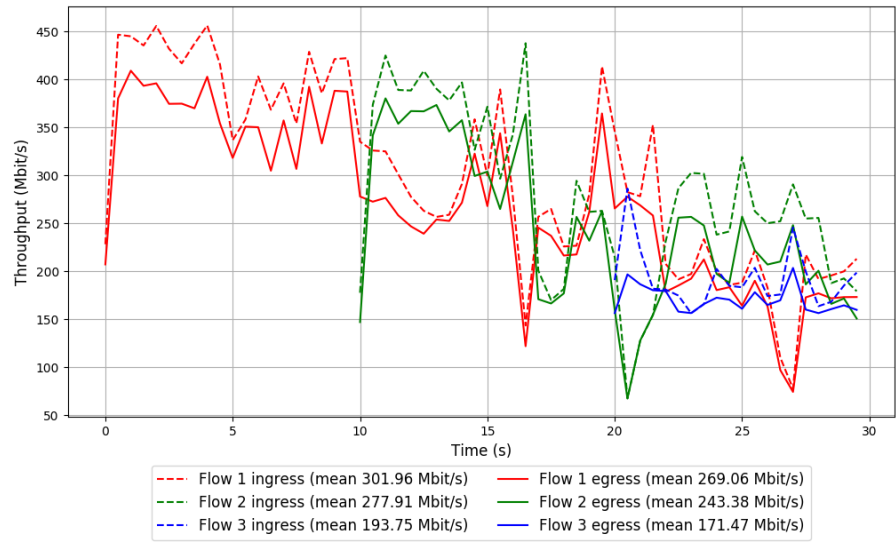
-- Flow 3:

Average throughput: 171.47 Mbit/s

95th percentile per-packet one-way delay: 1.716 ms

Loss rate: 11.52%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of CalibratedKoho

Start at: Sun, 09 Jul 2017 23:32:01 +0000

End at: Sun, 09 Jul 2017 23:32:31 +0000

Local clock offset: 0.622 ms

Remote clock offset: -1.692 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:21:00 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 489.92 Mbit/s

95th percentile per-packet one-way delay: 4.894 ms

Loss rate: 44.70%

-- Flow 1:

Average throughput: 263.13 Mbit/s

95th percentile per-packet one-way delay: 5.018 ms

Loss rate: 47.36%

-- Flow 2:

Average throughput: 226.18 Mbit/s

95th percentile per-packet one-way delay: 5.400 ms

Loss rate: 43.65%

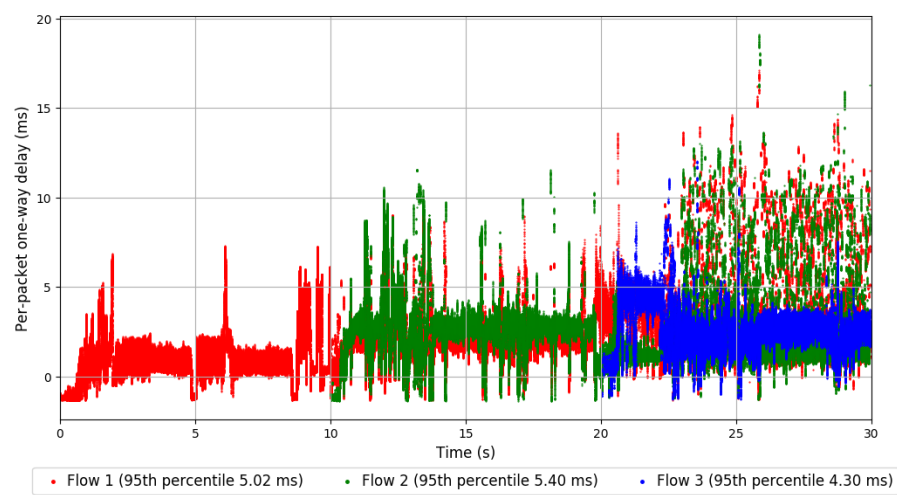
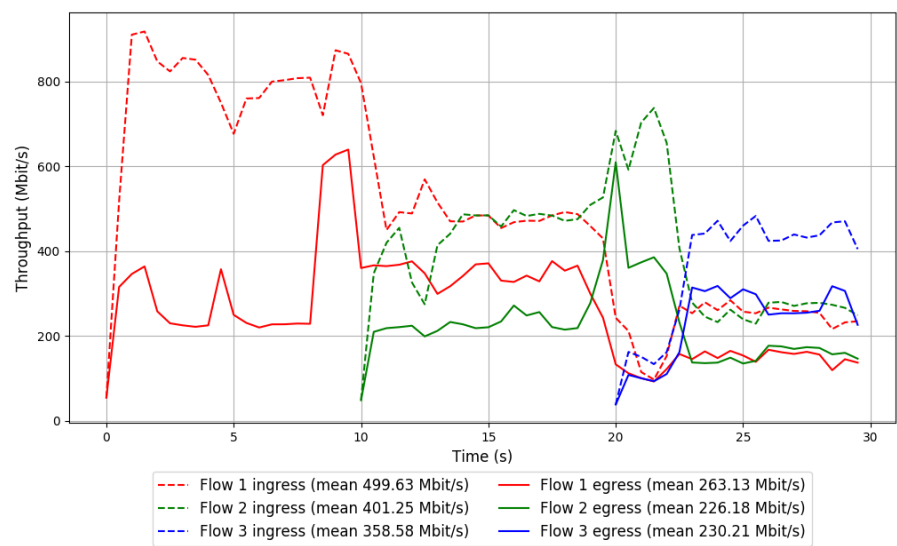
-- Flow 3:

Average throughput: 230.21 Mbit/s

95th percentile per-packet one-way delay: 4.301 ms

Loss rate: 35.93%

Run 1: Report of CalibratedKoho — Data Link



Run 2: Statistics of CalibratedKoho

Start at: Sun, 09 Jul 2017 23:52:45 +0000

End at: Sun, 09 Jul 2017 23:53:15 +0000

Local clock offset: 0.808 ms

Remote clock offset: -1.853 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:21:00 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 444.89 Mbit/s

95th percentile per-packet one-way delay: 5.077 ms

Loss rate: 50.00%

-- Flow 1:

Average throughput: 255.90 Mbit/s

95th percentile per-packet one-way delay: 4.424 ms

Loss rate: 54.73%

-- Flow 2:

Average throughput: 220.95 Mbit/s

95th percentile per-packet one-way delay: 5.533 ms

Loss rate: 42.44%

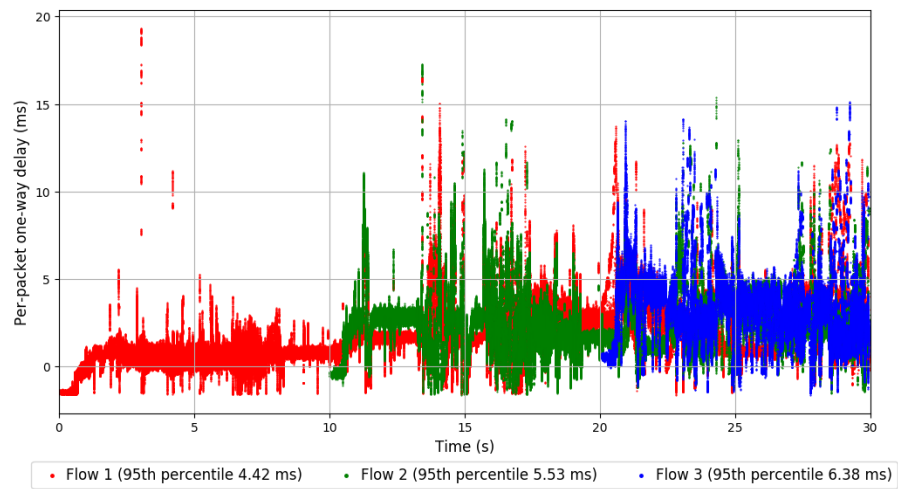
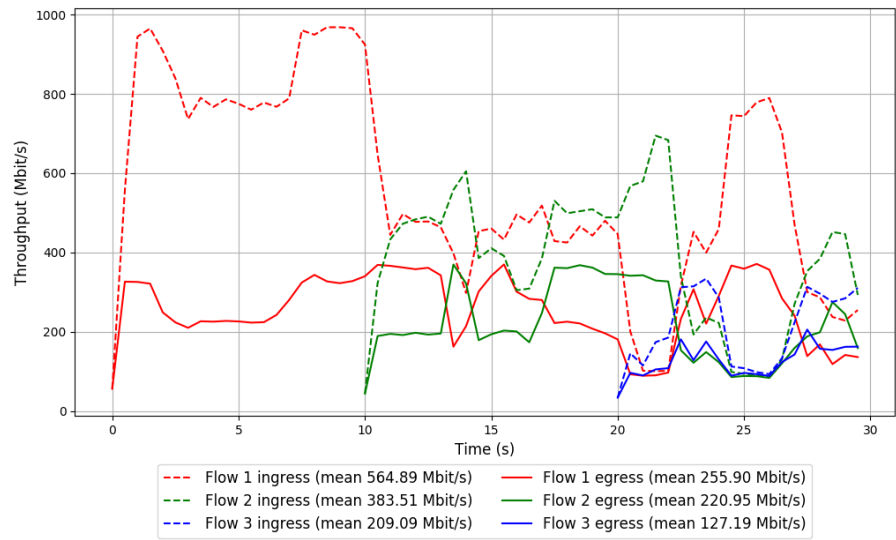
-- Flow 3:

Average throughput: 127.19 Mbit/s

95th percentile per-packet one-way delay: 6.385 ms

Loss rate: 39.27%

Run 2: Report of CalibratedKoho — Data Link



Run 3: Statistics of CalibratedKoho

Start at: Mon, 10 Jul 2017 00:13:32 +0000

End at: Mon, 10 Jul 2017 00:14:02 +0000

Local clock offset: 0.869 ms

Remote clock offset: -1.749 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:22:24 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 563.53 Mbit/s

95th percentile per-packet one-way delay: 4.155 ms

Loss rate: 38.83%

-- Flow 1:

Average throughput: 395.26 Mbit/s

95th percentile per-packet one-way delay: 2.549 ms

Loss rate: 35.55%

-- Flow 2:

Average throughput: 176.93 Mbit/s

95th percentile per-packet one-way delay: 4.550 ms

Loss rate: 47.88%

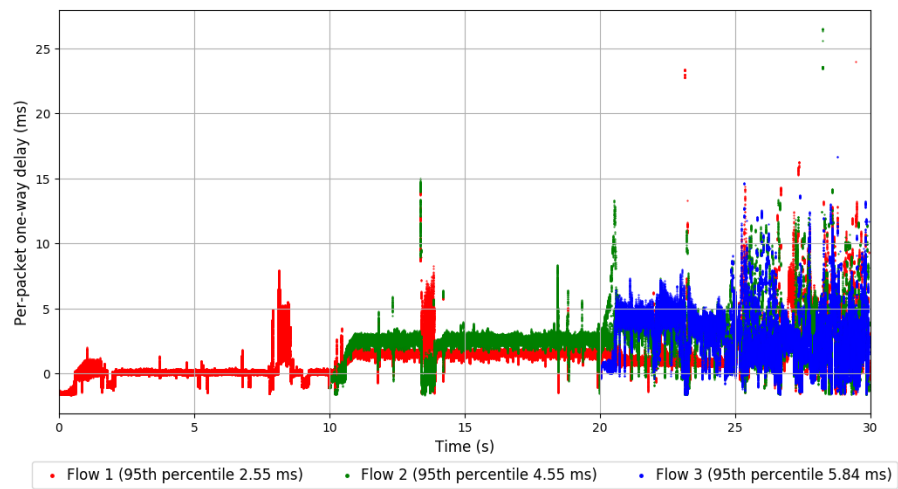
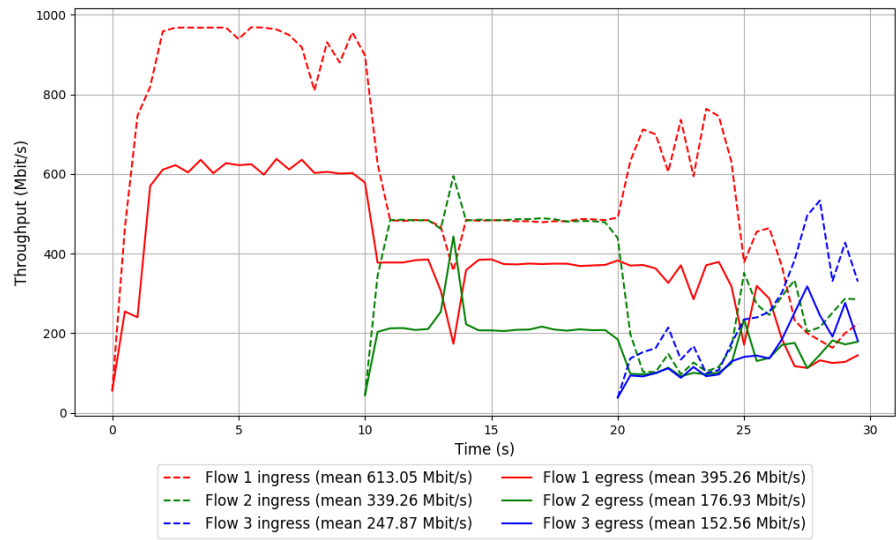
-- Flow 3:

Average throughput: 152.56 Mbit/s

95th percentile per-packet one-way delay: 5.843 ms

Loss rate: 38.50%

Run 3: Report of CalibratedKoho — Data Link



Run 4: Statistics of CalibratedKoho

Start at: Mon, 10 Jul 2017 00:34:17 +0000

End at: Mon, 10 Jul 2017 00:34:47 +0000

Local clock offset: 0.901 ms

Remote clock offset: -2.086 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:22:24 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 501.80 Mbit/s

95th percentile per-packet one-way delay: 3.786 ms

Loss rate: 45.17%

-- Flow 1:

Average throughput: 316.64 Mbit/s

95th percentile per-packet one-way delay: 2.896 ms

Loss rate: 44.40%

-- Flow 2:

Average throughput: 213.69 Mbit/s

95th percentile per-packet one-way delay: 3.611 ms

Loss rate: 47.77%

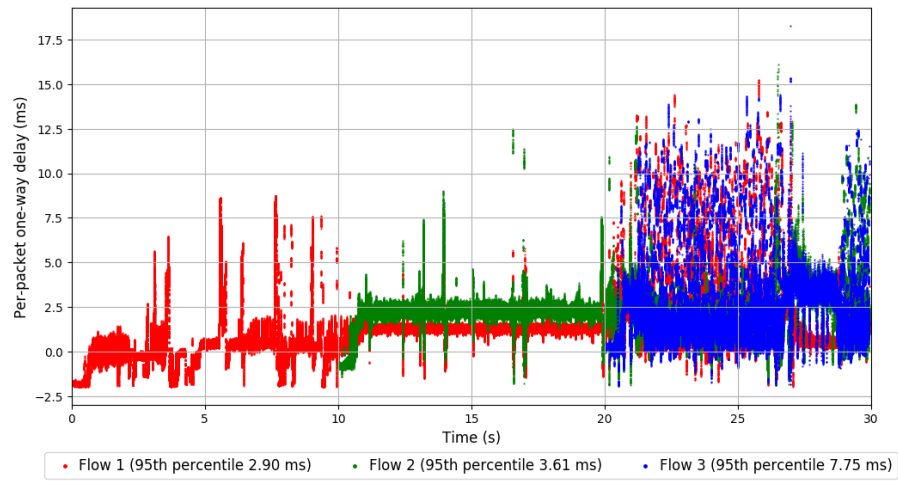
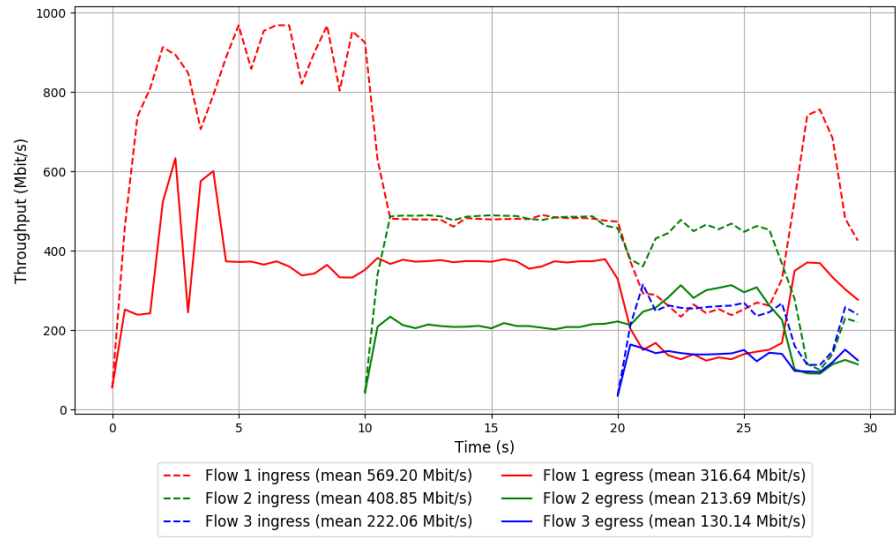
-- Flow 3:

Average throughput: 130.14 Mbit/s

95th percentile per-packet one-way delay: 7.747 ms

Loss rate: 41.52%

Run 4: Report of CalibratedKoho — Data Link



Run 5: Statistics of CalibratedKoho

Start at: Mon, 10 Jul 2017 00:55:11 +0000

End at: Mon, 10 Jul 2017 00:55:41 +0000

Local clock offset: 0.696 ms

Remote clock offset: -2.469 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:23:17 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 482.68 Mbit/s

95th percentile per-packet one-way delay: 3.442 ms

Loss rate: 45.68%

-- Flow 1:

Average throughput: 226.94 Mbit/s

95th percentile per-packet one-way delay: 3.172 ms

Loss rate: 56.18%

-- Flow 2:

Average throughput: 311.91 Mbit/s

95th percentile per-packet one-way delay: 2.616 ms

Loss rate: 28.84%

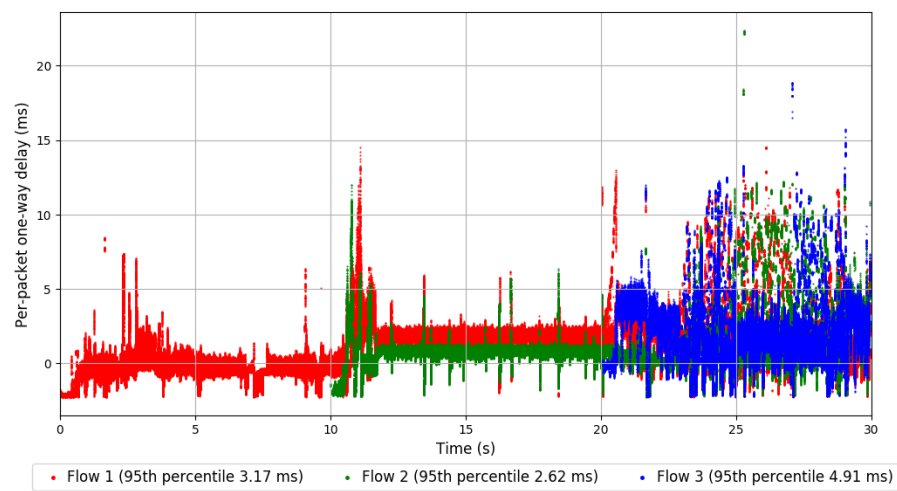
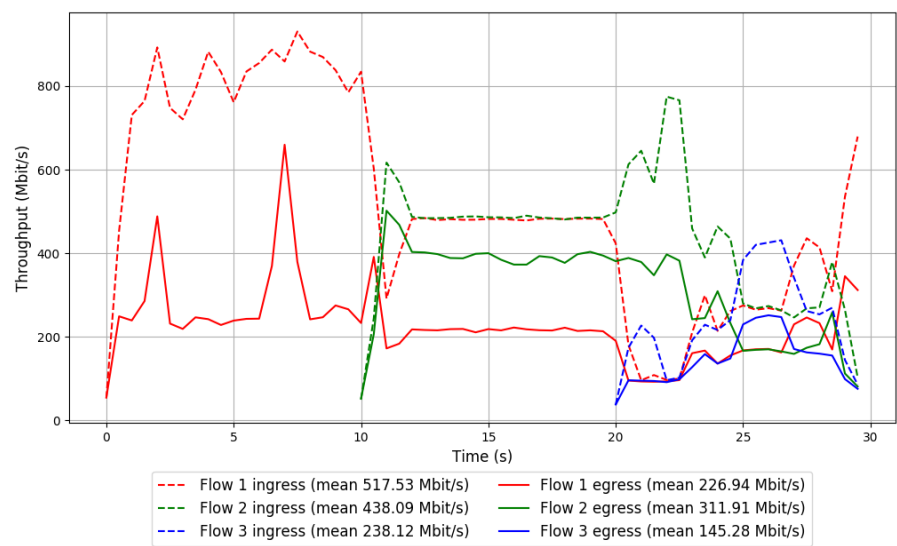
-- Flow 3:

Average throughput: 145.28 Mbit/s

95th percentile per-packet one-way delay: 4.911 ms

Loss rate: 39.07%

Run 5: Report of CalibratedKoho — Data Link



Run 6: Statistics of CalibratedKoho

Start at: Mon, 10 Jul 2017 01:15:57 +0000

End at: Mon, 10 Jul 2017 01:16:27 +0000

Local clock offset: 0.841 ms

Remote clock offset: -2.488 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:23:38 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 441.84 Mbit/s

95th percentile per-packet one-way delay: 3.636 ms

Loss rate: 48.03%

-- Flow 1:

Average throughput: 184.39 Mbit/s

95th percentile per-packet one-way delay: 3.808 ms

Loss rate: 57.15%

-- Flow 2:

Average throughput: 334.44 Mbit/s

95th percentile per-packet one-way delay: 3.073 ms

Loss rate: 40.21%

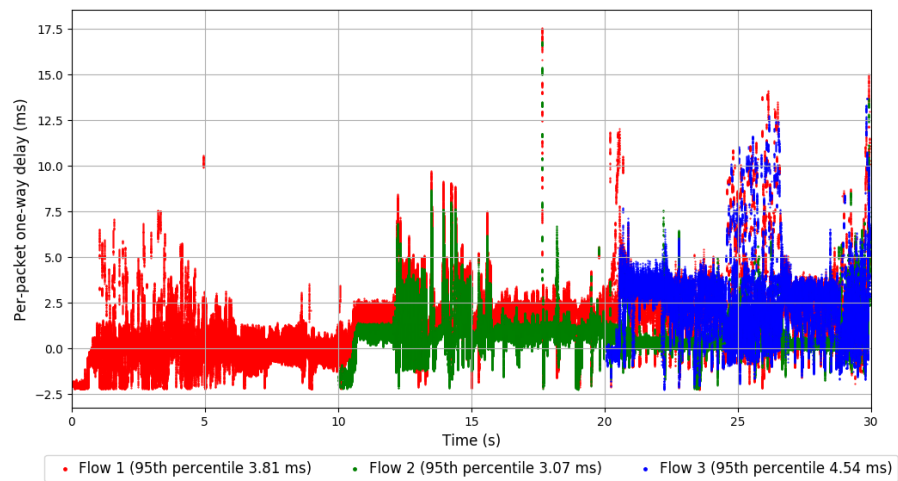
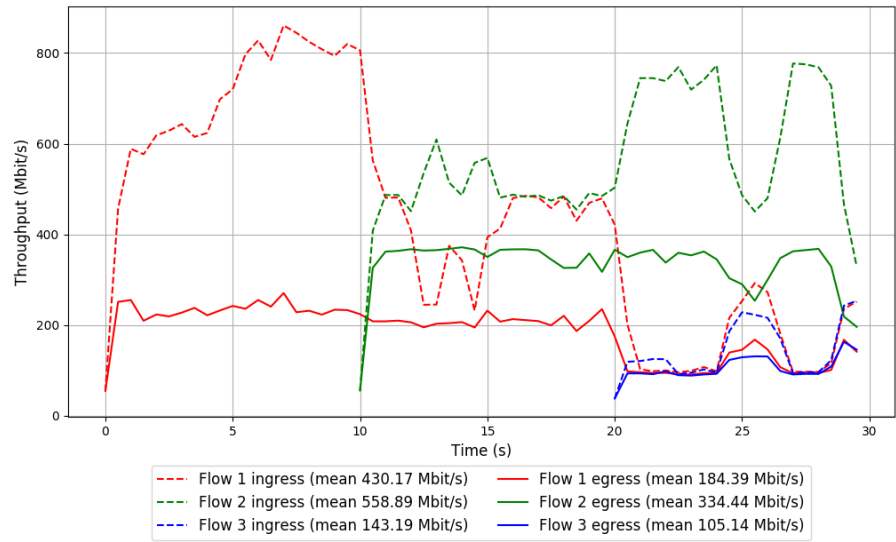
-- Flow 3:

Average throughput: 105.14 Mbit/s

95th percentile per-packet one-way delay: 4.539 ms

Loss rate: 26.71%

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Mon, 10 Jul 2017 01:36:46 +0000

End at: Mon, 10 Jul 2017 01:37:16 +0000

Local clock offset: 0.892 ms

Remote clock offset: -2.518 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:24:33 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 524.67 Mbit/s

95th percentile per-packet one-way delay: 3.487 ms

Loss rate: 41.50%

-- Flow 1:

Average throughput: 291.92 Mbit/s

95th percentile per-packet one-way delay: 3.398 ms

Loss rate: 42.10%

-- Flow 2:

Average throughput: 295.34 Mbit/s

95th percentile per-packet one-way delay: 3.488 ms

Loss rate: 43.15%

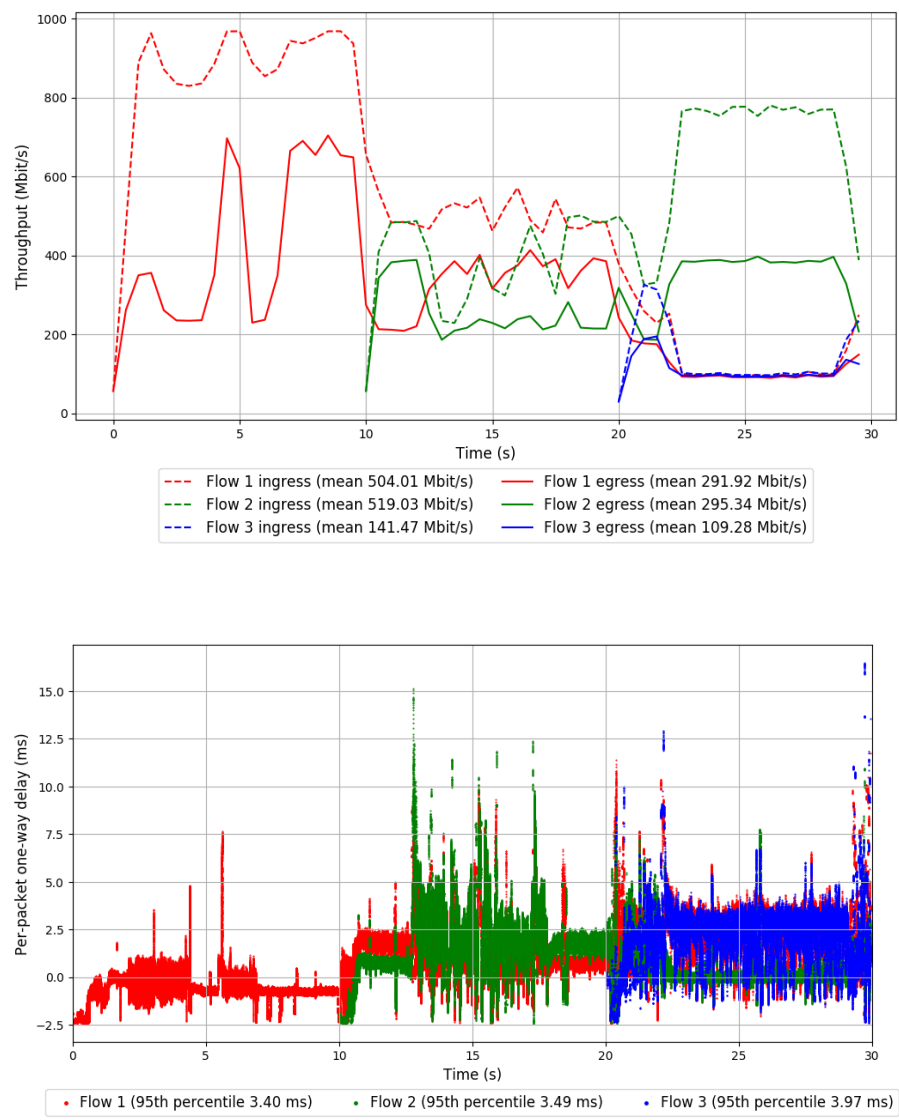
-- Flow 3:

Average throughput: 109.28 Mbit/s

95th percentile per-packet one-way delay: 3.968 ms

Loss rate: 22.84%

Run 7: Report of CalibratedKoho — Data Link



Run 8: Statistics of CalibratedKoho

Start at: Mon, 10 Jul 2017 01:57:32 +0000

End at: Mon, 10 Jul 2017 01:58:02 +0000

Local clock offset: 0.666 ms

Remote clock offset: -2.568 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:24:53 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 451.19 Mbit/s

95th percentile per-packet one-way delay: 3.288 ms

Loss rate: 48.44%

-- Flow 1:

Average throughput: 212.30 Mbit/s

95th percentile per-packet one-way delay: 3.104 ms

Loss rate: 54.08%

-- Flow 2:

Average throughput: 299.98 Mbit/s

95th percentile per-packet one-way delay: 2.217 ms

Loss rate: 43.75%

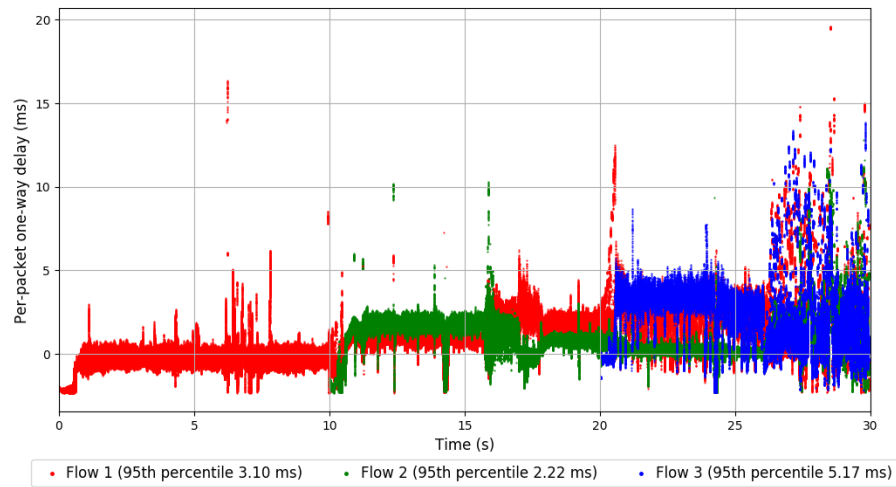
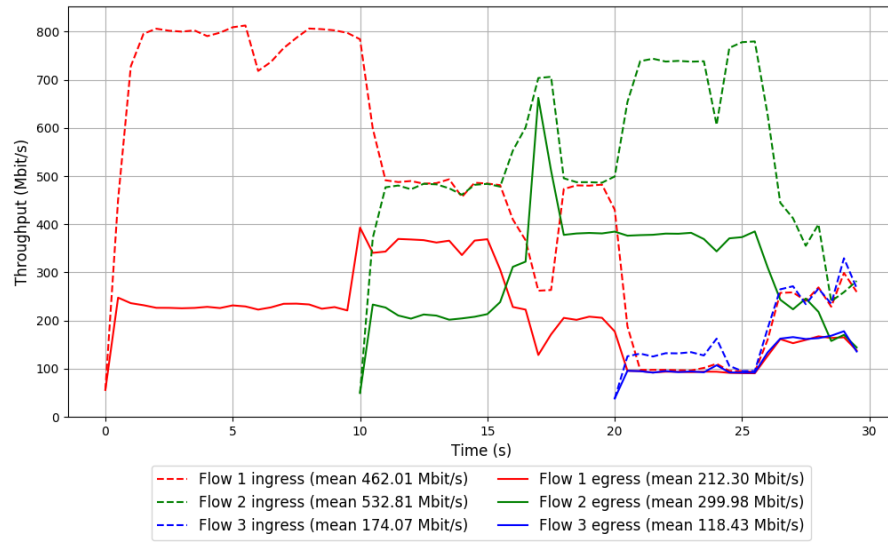
-- Flow 3:

Average throughput: 118.43 Mbit/s

95th percentile per-packet one-way delay: 5.170 ms

Loss rate: 32.06%

Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

Start at: Mon, 10 Jul 2017 02:18:17 +0000

End at: Mon, 10 Jul 2017 02:18:47 +0000

Local clock offset: 0.733 ms

Remote clock offset: -2.642 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:25:46 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 486.14 Mbit/s

95th percentile per-packet one-way delay: 3.221 ms

Loss rate: 47.19%

-- Flow 1:

Average throughput: 253.37 Mbit/s

95th percentile per-packet one-way delay: 2.873 ms

Loss rate: 53.03%

-- Flow 2:

Average throughput: 242.16 Mbit/s

95th percentile per-packet one-way delay: 3.036 ms

Loss rate: 35.71%

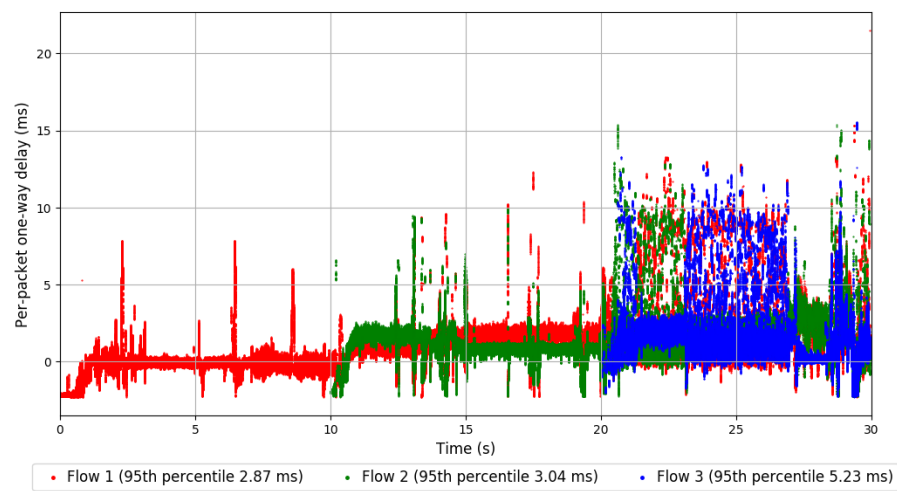
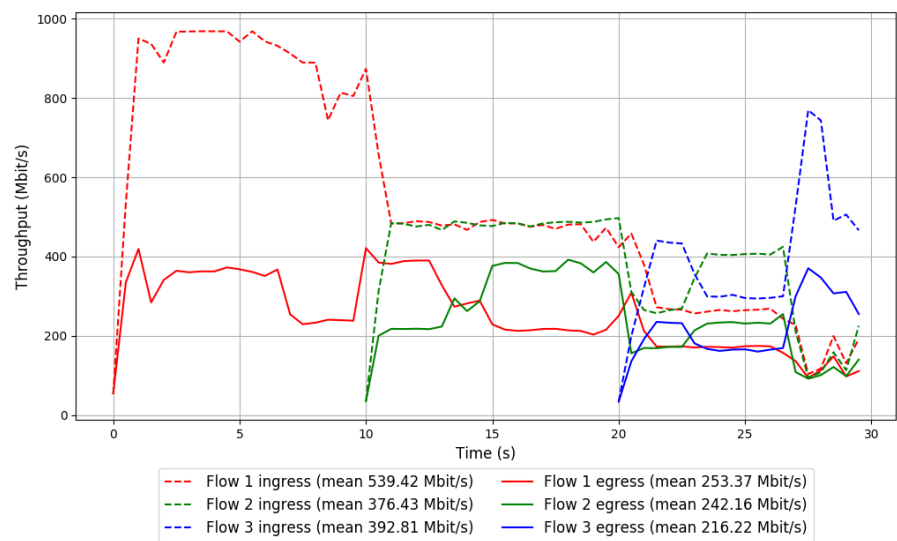
-- Flow 3:

Average throughput: 216.22 Mbit/s

95th percentile per-packet one-way delay: 5.231 ms

Loss rate: 45.08%

Run 9: Report of CalibratedKoho — Data Link



Run 10: Statistics of CalibratedKoho

Start at: Mon, 10 Jul 2017 02:39:06 +0000

End at: Mon, 10 Jul 2017 02:39:36 +0000

Local clock offset: 0.678 ms

Remote clock offset: -2.438 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:26:12 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 484.20 Mbit/s

95th percentile per-packet one-way delay: 3.974 ms

Loss rate: 45.52%

-- Flow 1:

Average throughput: 288.70 Mbit/s

95th percentile per-packet one-way delay: 3.353 ms

Loss rate: 48.83%

-- Flow 2:

Average throughput: 218.15 Mbit/s

95th percentile per-packet one-way delay: 4.312 ms

Loss rate: 40.67%

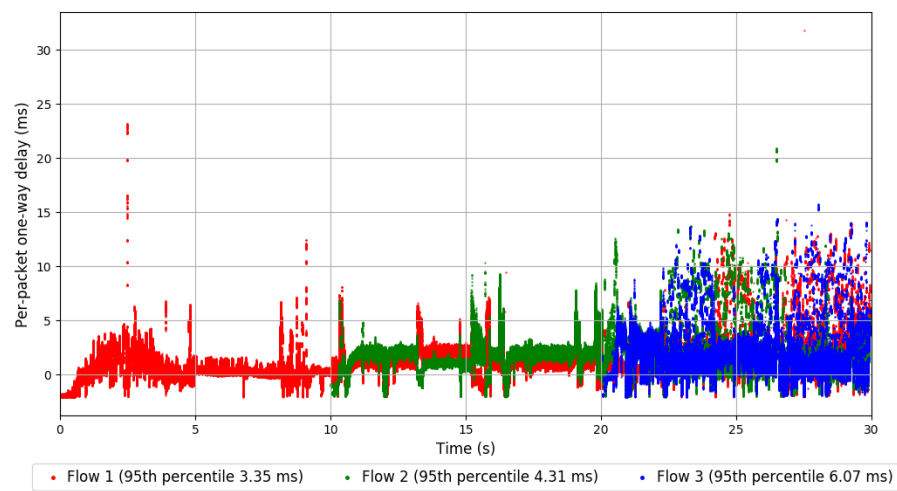
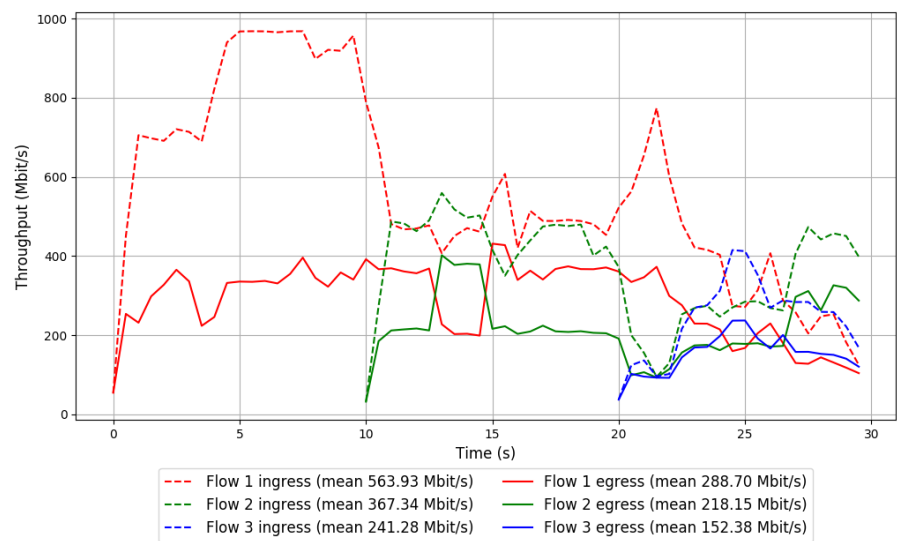
-- Flow 3:

Average throughput: 152.38 Mbit/s

95th percentile per-packet one-way delay: 6.072 ms

Loss rate: 36.96%

Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: Sun, 09 Jul 2017 23:36:27 +0000

End at: Sun, 09 Jul 2017 23:36:57 +0000

Local clock offset: 0.756 ms

Remote clock offset: -1.566 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:26:30 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 142.75 Mbit/s

95th percentile per-packet one-way delay: -1.058 ms

Loss rate: 0.20%

-- Flow 1:

Average throughput: 73.02 Mbit/s

95th percentile per-packet one-way delay: -1.066 ms

Loss rate: 0.20%

-- Flow 2:

Average throughput: 74.08 Mbit/s

95th percentile per-packet one-way delay: -1.054 ms

Loss rate: 0.13%

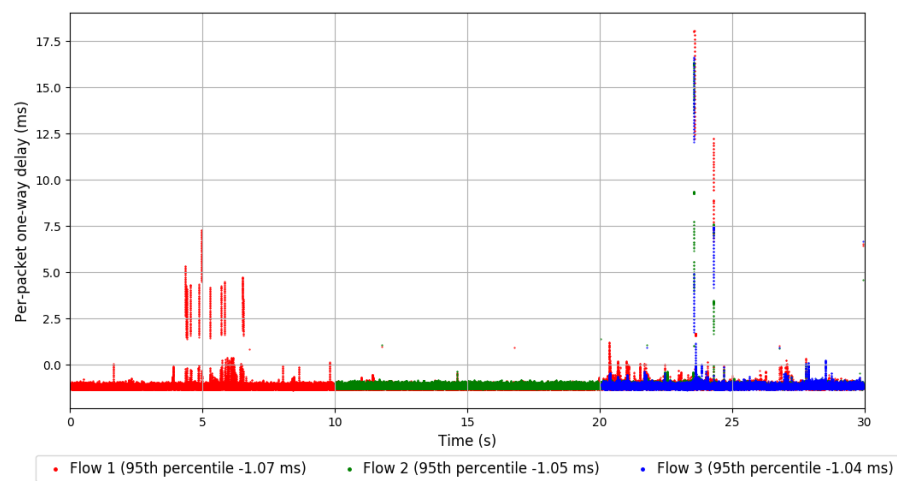
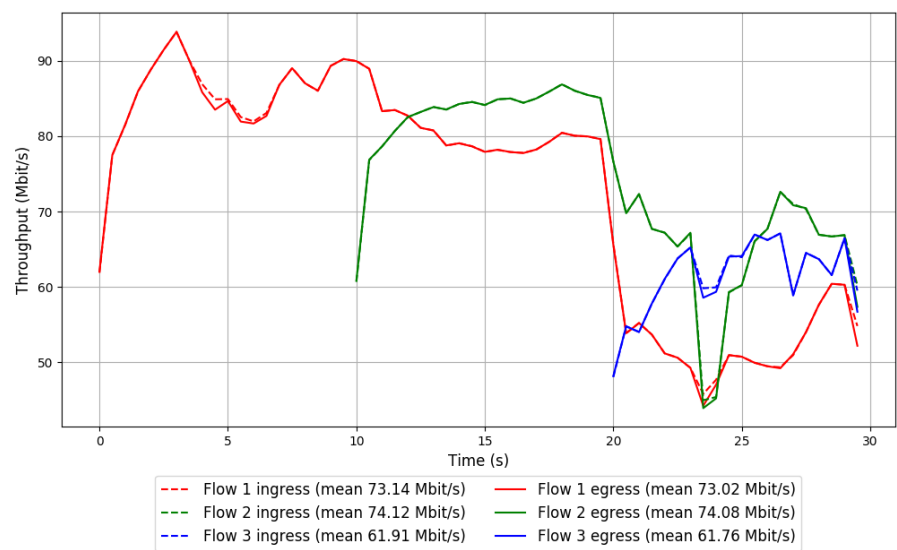
-- Flow 3:

Average throughput: 61.76 Mbit/s

95th percentile per-packet one-way delay: -1.039 ms

Loss rate: 0.37%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: Sun, 09 Jul 2017 23:57:07 +0000

End at: Sun, 09 Jul 2017 23:57:37 +0000

Local clock offset: 0.73 ms

Remote clock offset: -1.842 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:26:49 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 143.22 Mbit/s

95th percentile per-packet one-way delay: -1.384 ms

Loss rate: 0.14%

-- Flow 1:

Average throughput: 74.79 Mbit/s

95th percentile per-packet one-way delay: -1.398 ms

Loss rate: 0.13%

-- Flow 2:

Average throughput: 76.27 Mbit/s

95th percentile per-packet one-way delay: -1.383 ms

Loss rate: 0.12%

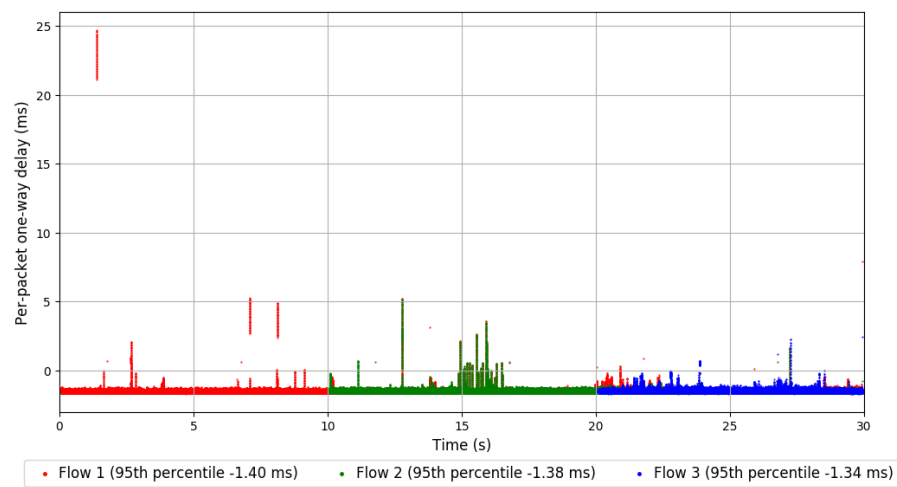
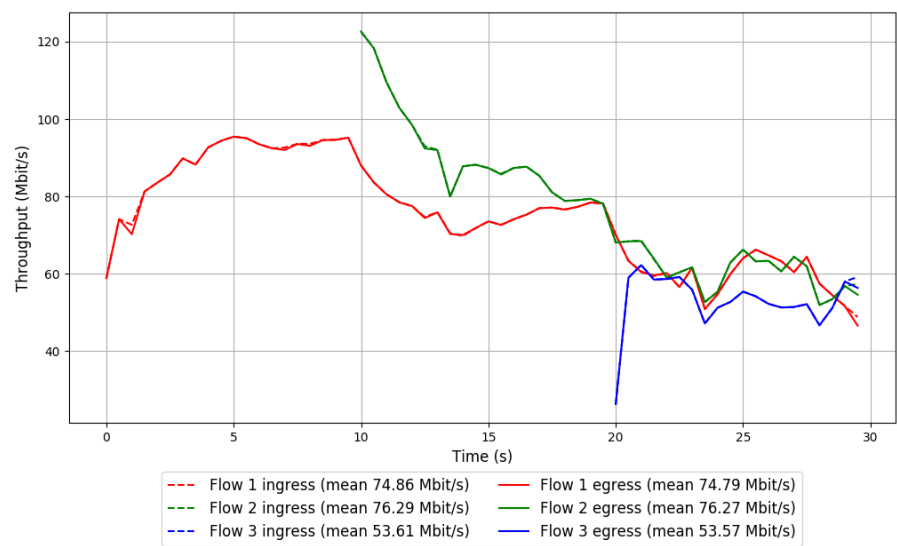
-- Flow 3:

Average throughput: 53.57 Mbit/s

95th percentile per-packet one-way delay: -1.342 ms

Loss rate: 0.25%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: Mon, 10 Jul 2017 00:18:02 +0000

End at: Mon, 10 Jul 2017 00:18:32 +0000

Local clock offset: 0.82 ms

Remote clock offset: -1.732 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:27:07 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 141.03 Mbit/s

95th percentile per-packet one-way delay: -1.409 ms

Loss rate: 0.25%

-- Flow 1:

Average throughput: 73.32 Mbit/s

95th percentile per-packet one-way delay: -1.429 ms

Loss rate: 0.27%

-- Flow 2:

Average throughput: 71.59 Mbit/s

95th percentile per-packet one-way delay: -1.419 ms

Loss rate: 0.20%

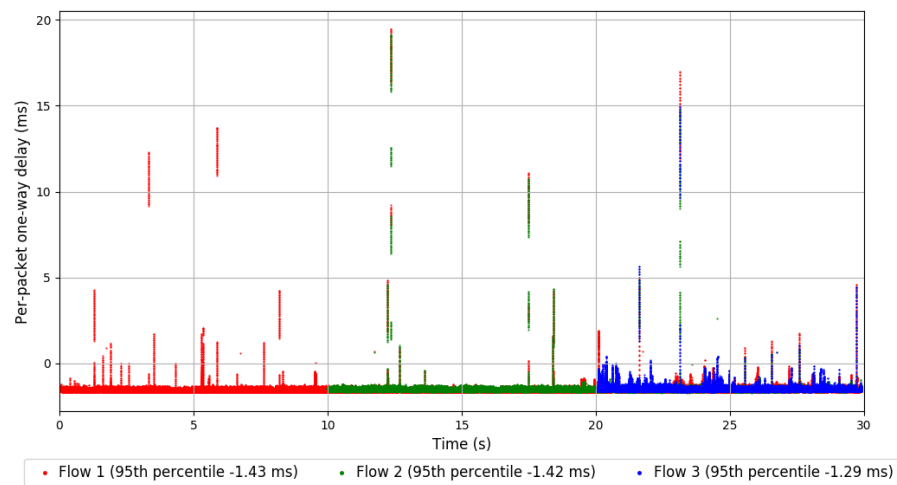
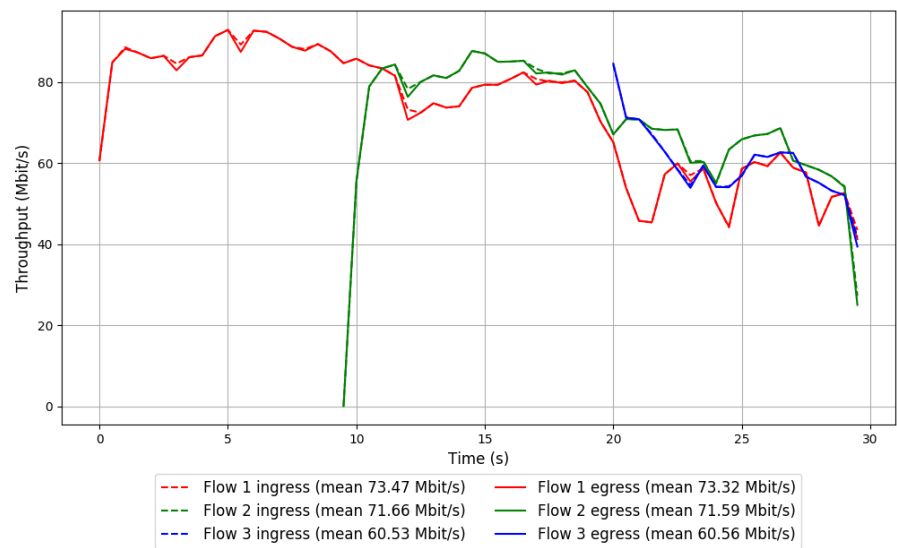
-- Flow 3:

Average throughput: 60.56 Mbit/s

95th percentile per-packet one-way delay: -1.290 ms

Loss rate: 0.28%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: Mon, 10 Jul 2017 00:38:44 +0000

End at: Mon, 10 Jul 2017 00:39:14 +0000

Local clock offset: 0.804 ms

Remote clock offset: -2.124 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:27:23 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 129.58 Mbit/s

95th percentile per-packet one-way delay: -1.719 ms

Loss rate: 1.55%

-- Flow 1:

Average throughput: 70.03 Mbit/s

95th percentile per-packet one-way delay: -1.631 ms

Loss rate: 2.44%

-- Flow 2:

Average throughput: 59.14 Mbit/s

95th percentile per-packet one-way delay: -1.727 ms

Loss rate: 0.50%

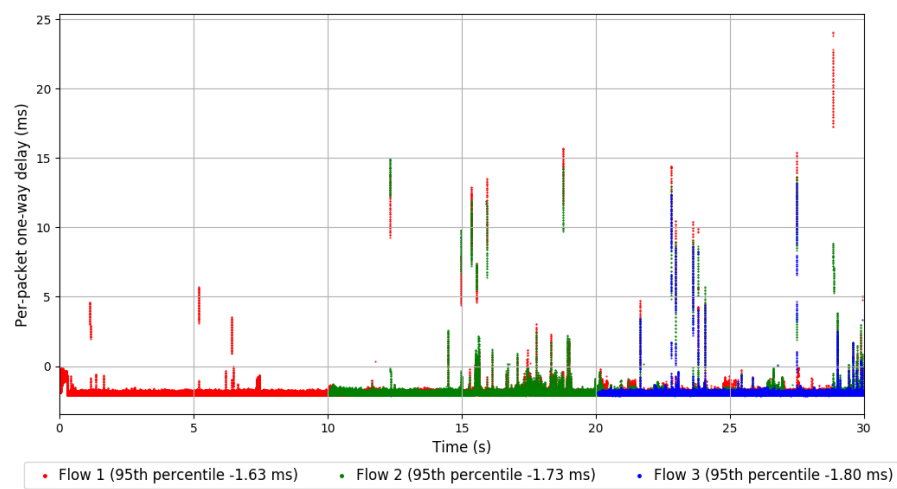
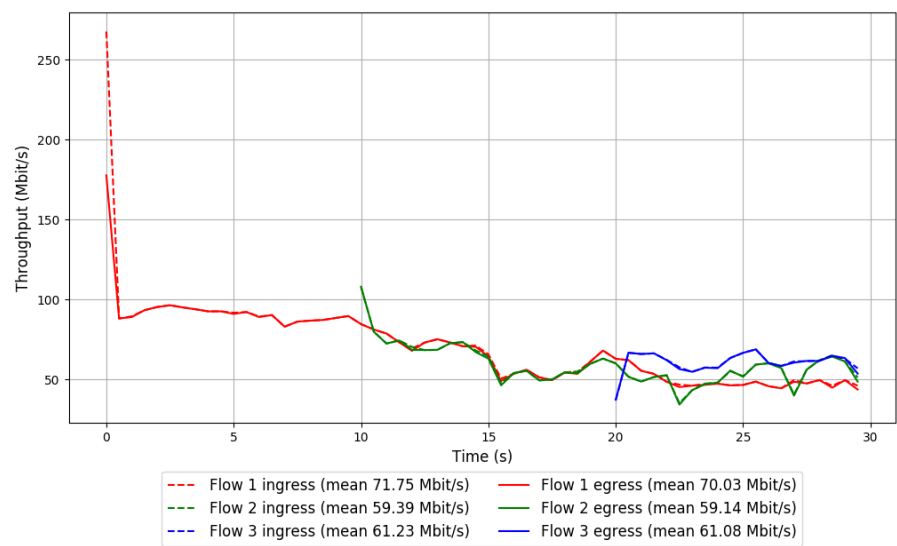
-- Flow 3:

Average throughput: 61.08 Mbit/s

95th percentile per-packet one-way delay: -1.796 ms

Loss rate: 0.41%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: Mon, 10 Jul 2017 00:59:37 +0000

End at: Mon, 10 Jul 2017 01:00:07 +0000

Local clock offset: 0.769 ms

Remote clock offset: -2.375 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:27:40 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 129.53 Mbit/s

95th percentile per-packet one-way delay: -1.876 ms

Loss rate: 0.26%

-- Flow 1:

Average throughput: 71.73 Mbit/s

95th percentile per-packet one-way delay: -1.884 ms

Loss rate: 0.25%

-- Flow 2:

Average throughput: 64.13 Mbit/s

95th percentile per-packet one-way delay: -1.899 ms

Loss rate: 0.23%

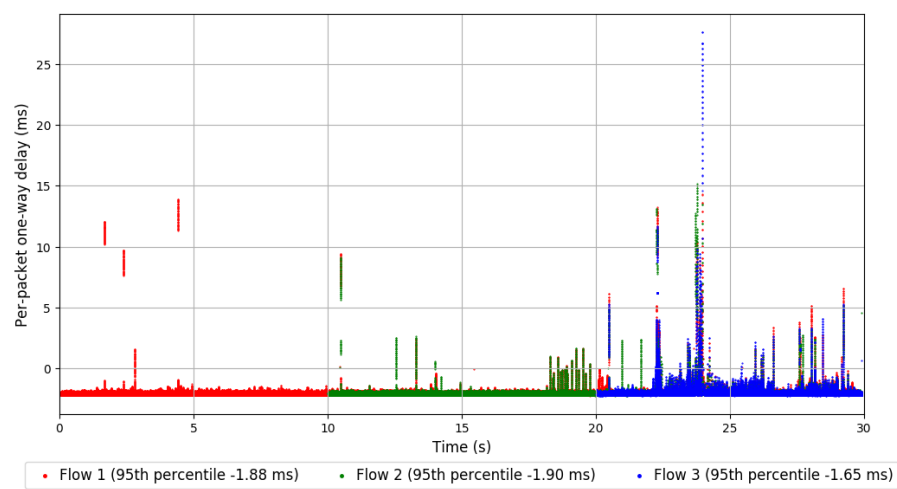
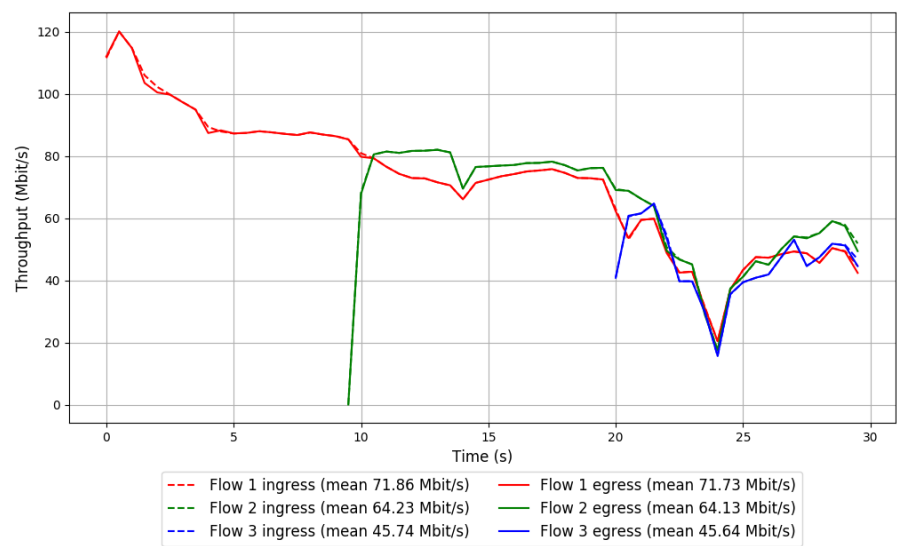
-- Flow 3:

Average throughput: 45.64 Mbit/s

95th percentile per-packet one-way delay: -1.654 ms

Loss rate: 0.39%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: Mon, 10 Jul 2017 01:20:21 +0000

End at: Mon, 10 Jul 2017 01:20:51 +0000

Local clock offset: 0.864 ms

Remote clock offset: -2.532 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:27:59 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 142.34 Mbit/s

95th percentile per-packet one-way delay: -2.053 ms

Loss rate: 0.19%

-- Flow 1:

Average throughput: 74.06 Mbit/s

95th percentile per-packet one-way delay: -2.065 ms

Loss rate: 0.17%

-- Flow 2:

Average throughput: 75.86 Mbit/s

95th percentile per-packet one-way delay: -2.070 ms

Loss rate: 0.20%

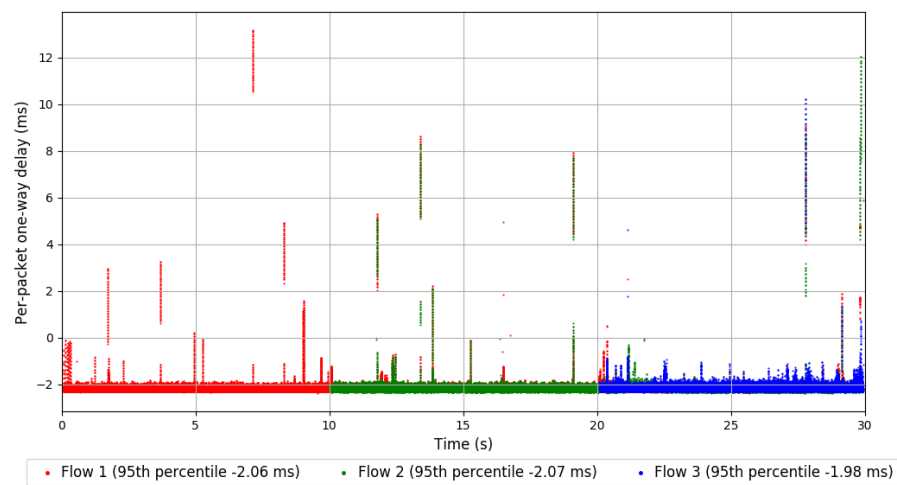
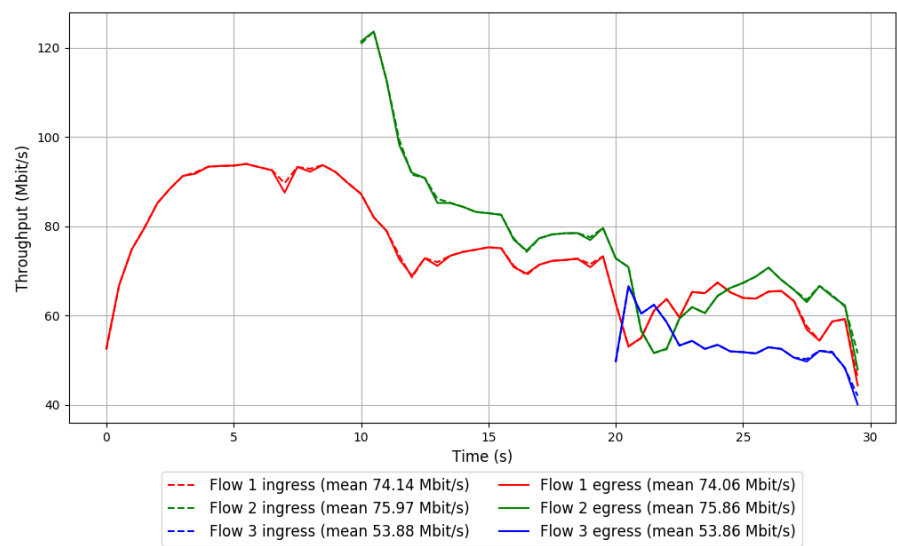
-- Flow 3:

Average throughput: 53.86 Mbit/s

95th percentile per-packet one-way delay: -1.976 ms

Loss rate: 0.22%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: Mon, 10 Jul 2017 01:41:13 +0000

End at: Mon, 10 Jul 2017 01:41:43 +0000

Local clock offset: 0.82 ms

Remote clock offset: -2.516 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:28:16 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 133.86 Mbit/s

95th percentile per-packet one-way delay: -2.097 ms

Loss rate: 0.42%

-- Flow 1:

Average throughput: 73.08 Mbit/s

95th percentile per-packet one-way delay: -2.120 ms

Loss rate: 0.27%

-- Flow 2:

Average throughput: 62.53 Mbit/s

95th percentile per-packet one-way delay: -2.064 ms

Loss rate: 0.60%

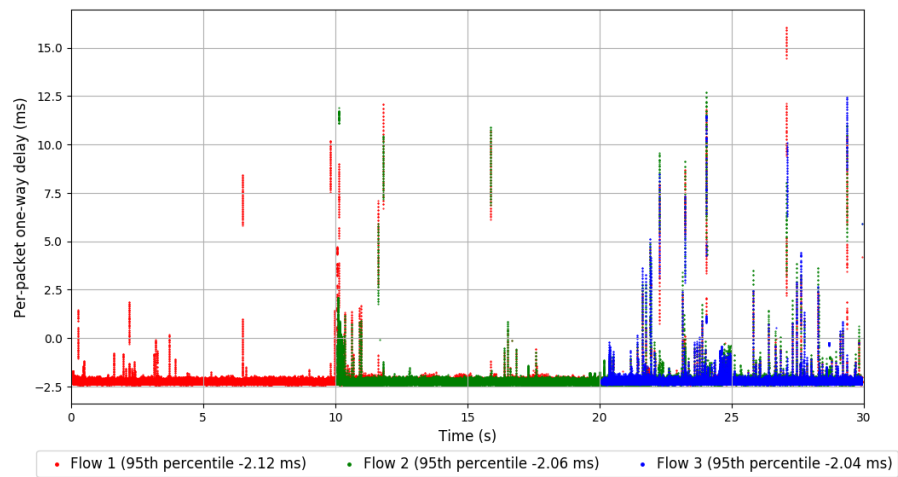
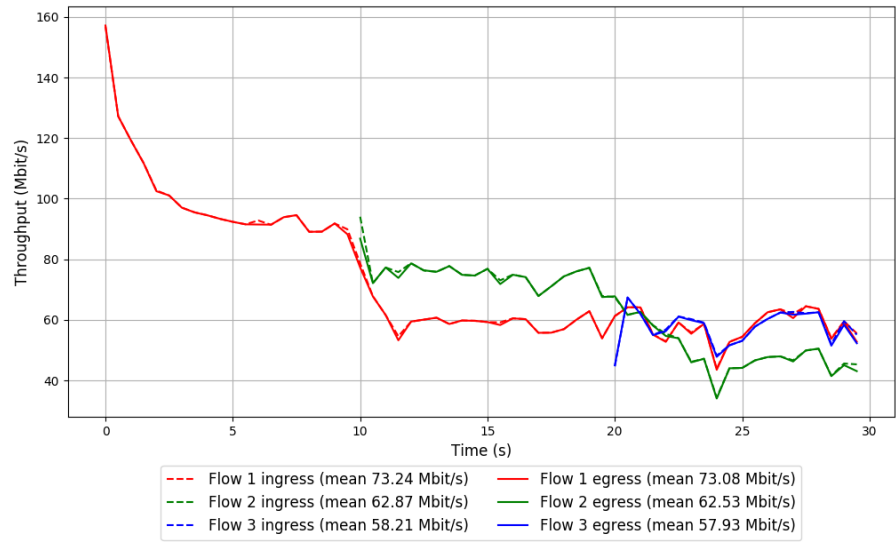
-- Flow 3:

Average throughput: 57.93 Mbit/s

95th percentile per-packet one-way delay: -2.039 ms

Loss rate: 0.60%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: Mon, 10 Jul 2017 02:01:55 +0000

End at: Mon, 10 Jul 2017 02:02:25 +0000

Local clock offset: 0.73 ms

Remote clock offset: -2.583 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:28:34 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 137.13 Mbit/s

95th percentile per-packet one-way delay: -2.039 ms

Loss rate: 0.48%

-- Flow 1:

Average throughput: 70.31 Mbit/s

95th percentile per-packet one-way delay: -2.045 ms

Loss rate: 0.57%

-- Flow 2:

Average throughput: 72.48 Mbit/s

95th percentile per-packet one-way delay: -2.065 ms

Loss rate: 0.34%

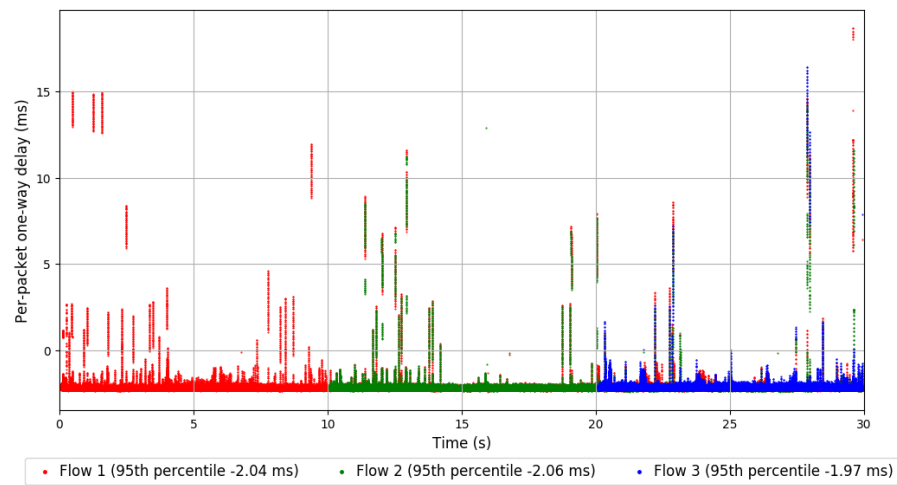
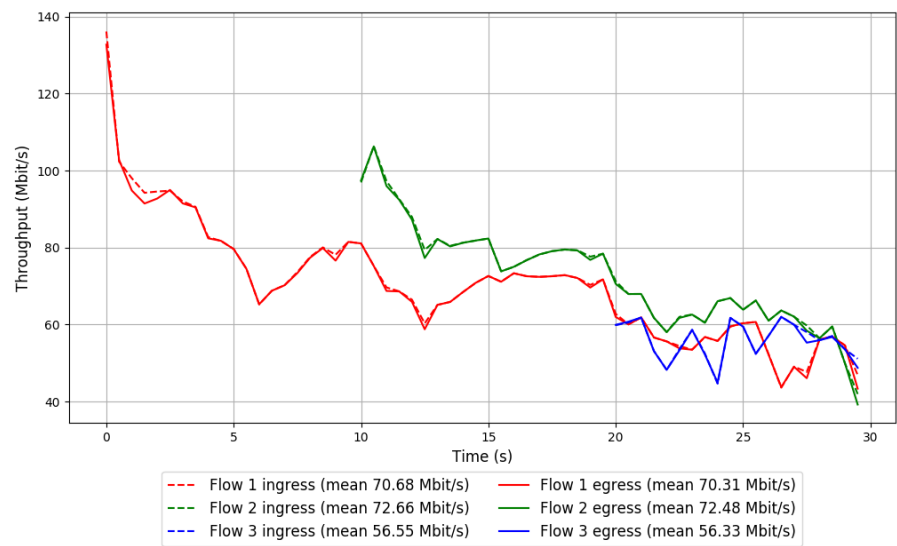
-- Flow 3:

Average throughput: 56.33 Mbit/s

95th percentile per-packet one-way delay: -1.967 ms

Loss rate: 0.48%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: Mon, 10 Jul 2017 02:22:42 +0000

End at: Mon, 10 Jul 2017 02:23:12 +0000

Local clock offset: 0.64 ms

Remote clock offset: -2.597 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:28:49 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 127.34 Mbit/s

95th percentile per-packet one-way delay: -1.988 ms

Loss rate: 0.19%

-- Flow 1:

Average throughput: 70.75 Mbit/s

95th percentile per-packet one-way delay: -2.023 ms

Loss rate: 0.16%

-- Flow 2:

Average throughput: 55.80 Mbit/s

95th percentile per-packet one-way delay: -1.922 ms

Loss rate: 0.22%

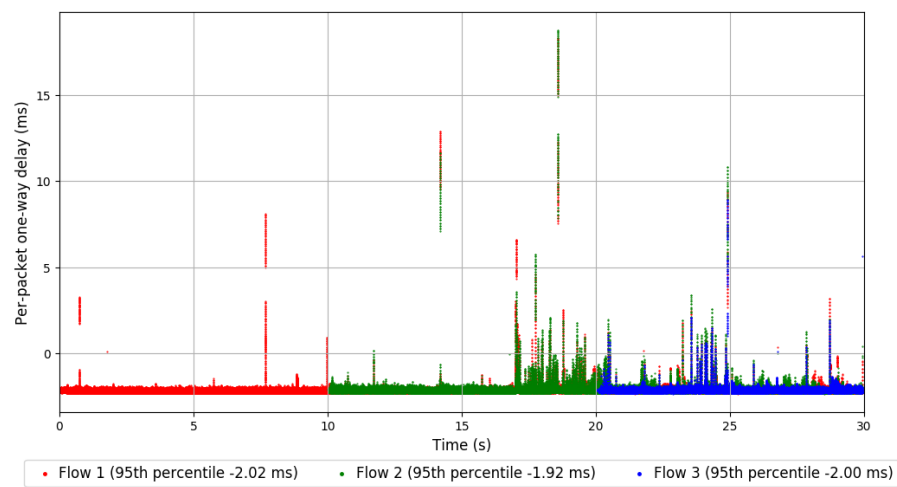
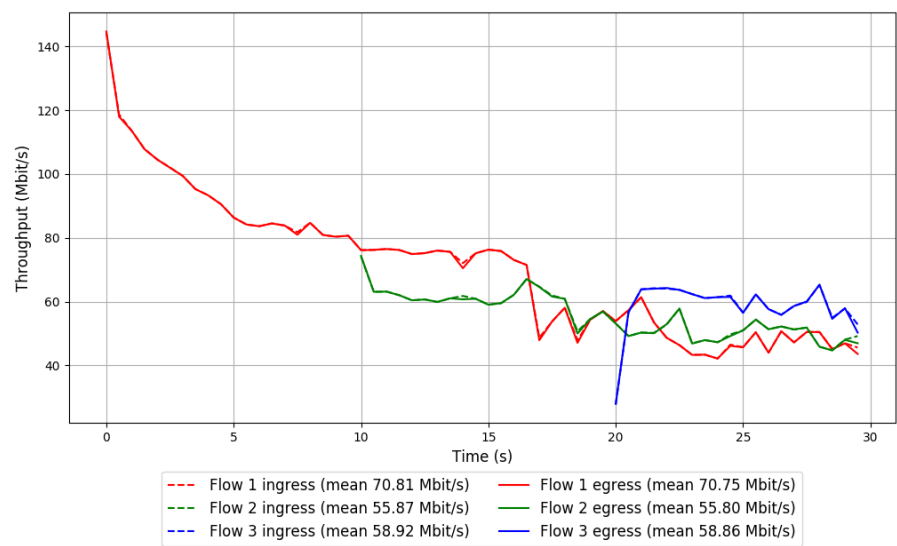
-- Flow 3:

Average throughput: 58.86 Mbit/s

95th percentile per-packet one-way delay: -1.996 ms

Loss rate: 0.25%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: Mon, 10 Jul 2017 02:43:31 +0000

End at: Mon, 10 Jul 2017 02:44:01 +0000

Local clock offset: 0.74 ms

Remote clock offset: -2.358 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:29:10 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 134.64 Mbit/s

95th percentile per-packet one-way delay: -1.811 ms

Loss rate: 0.26%

-- Flow 1:

Average throughput: 71.64 Mbit/s

95th percentile per-packet one-way delay: -1.813 ms

Loss rate: 0.29%

-- Flow 2:

Average throughput: 63.99 Mbit/s

95th percentile per-packet one-way delay: -1.818 ms

Loss rate: 0.20%

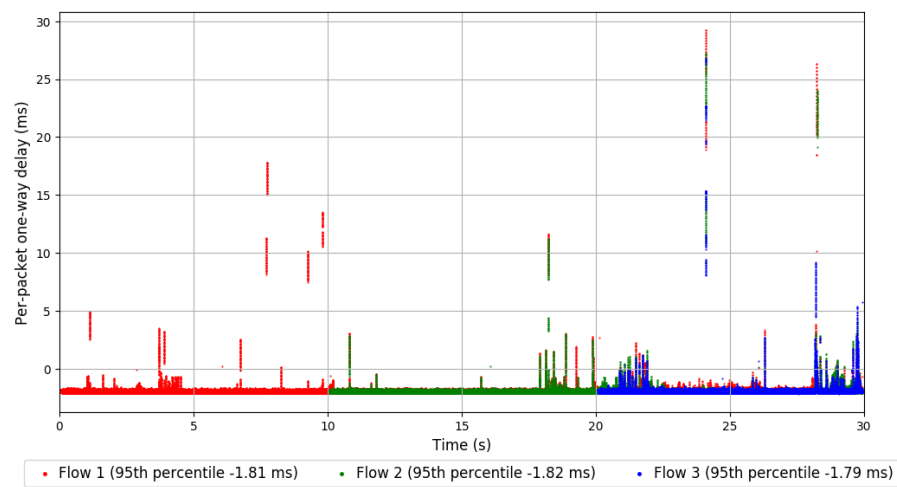
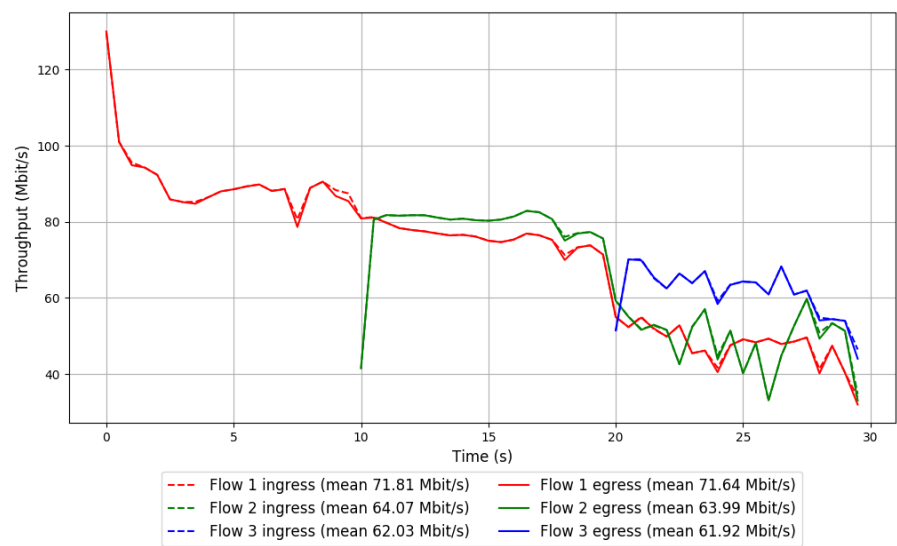
-- Flow 3:

Average throughput: 61.92 Mbit/s

95th percentile per-packet one-way delay: -1.791 ms

Loss rate: 0.30%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

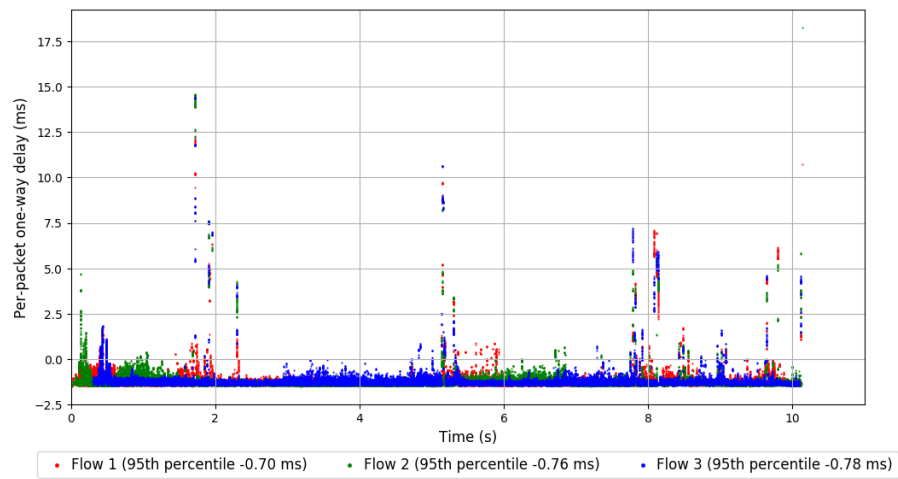
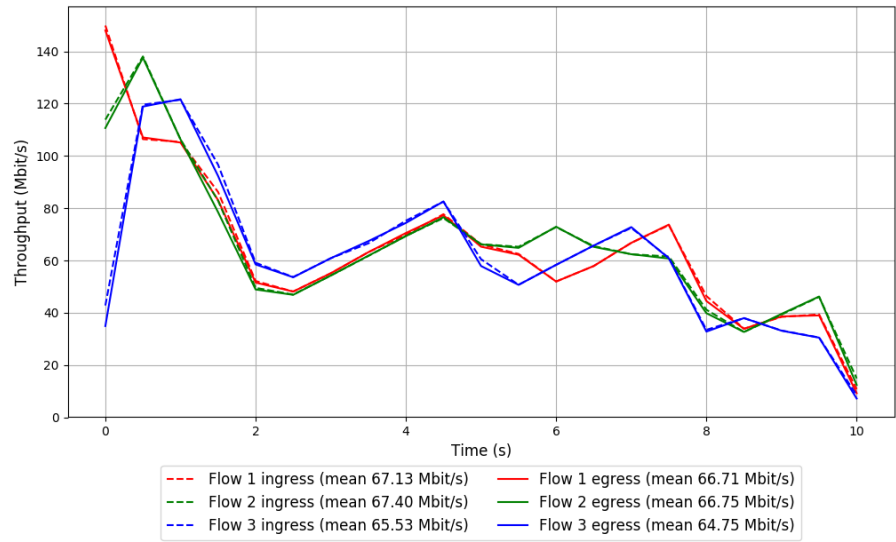
Start at: Sun, 09 Jul 2017 23:46:05 +0000

End at: Sun, 09 Jul 2017 23:46:35 +0000

Local clock offset: 0.771 ms

Remote clock offset: -1.716 ms

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

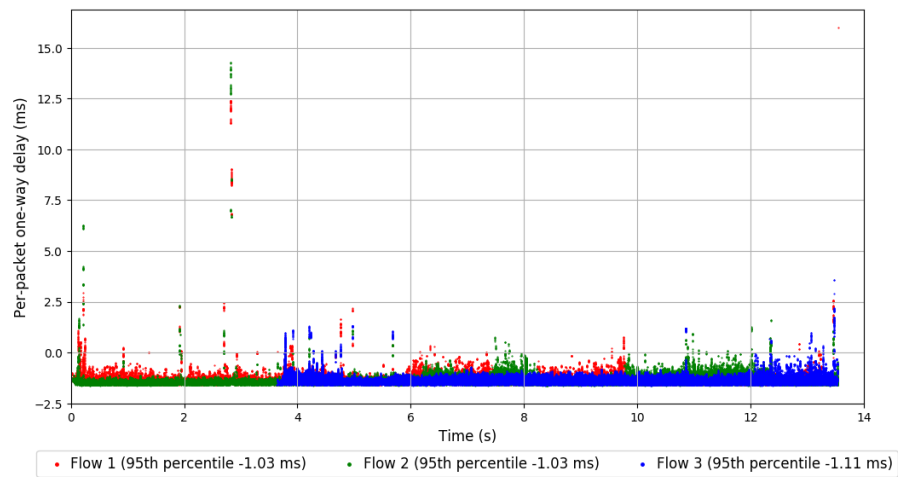
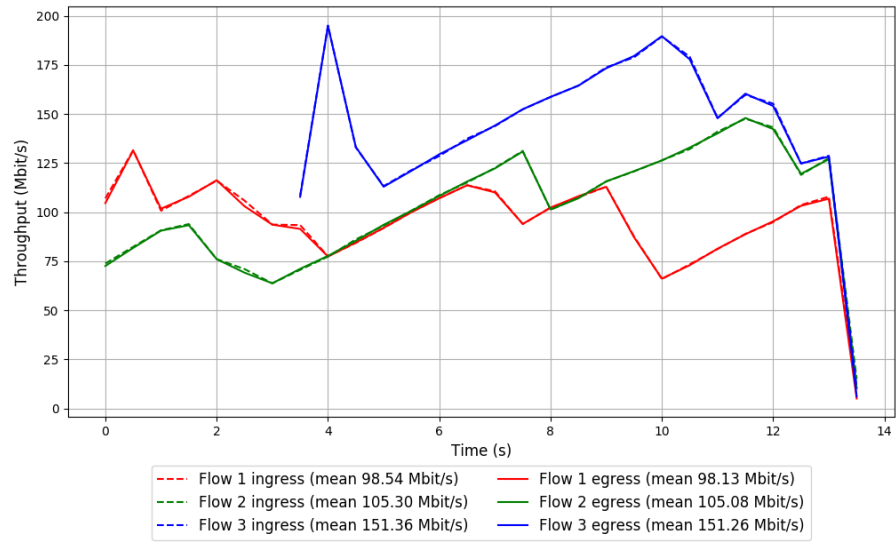
Start at: Mon, 10 Jul 2017 00:06:51 +0000

End at: Mon, 10 Jul 2017 00:07:21 +0000

Local clock offset: 0.849 ms

Remote clock offset: -1.809 ms

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

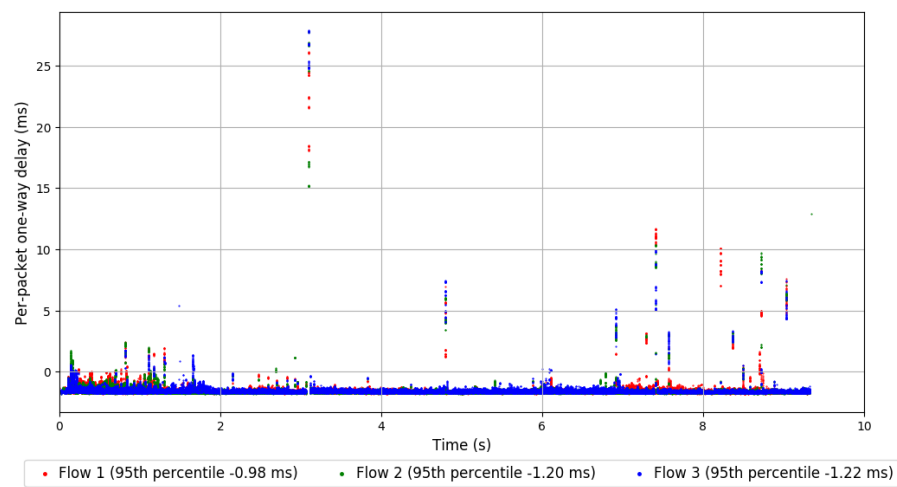
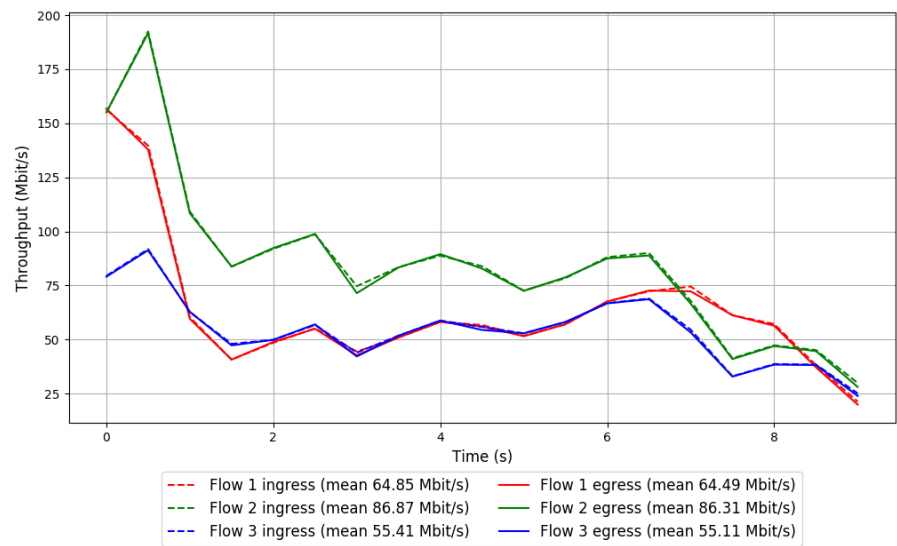
Start at: Mon, 10 Jul 2017 00:27:41 +0000

End at: Mon, 10 Jul 2017 00:28:11 +0000

Local clock offset: 0.847 ms

Remote clock offset: -1.818 ms

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: Mon, 10 Jul 2017 00:48:28 +0000

End at: Mon, 10 Jul 2017 00:48:58 +0000

Local clock offset: 0.816 ms

Remote clock offset: -2.45 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:29:50 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 226.69 Mbit/s

95th percentile per-packet one-way delay: -1.805 ms

Loss rate: 0.34%

-- Flow 1:

Average throughput: 108.90 Mbit/s

95th percentile per-packet one-way delay: -1.864 ms

Loss rate: 0.30%

-- Flow 2:

Average throughput: 91.02 Mbit/s

95th percentile per-packet one-way delay: -1.704 ms

Loss rate: 0.43%

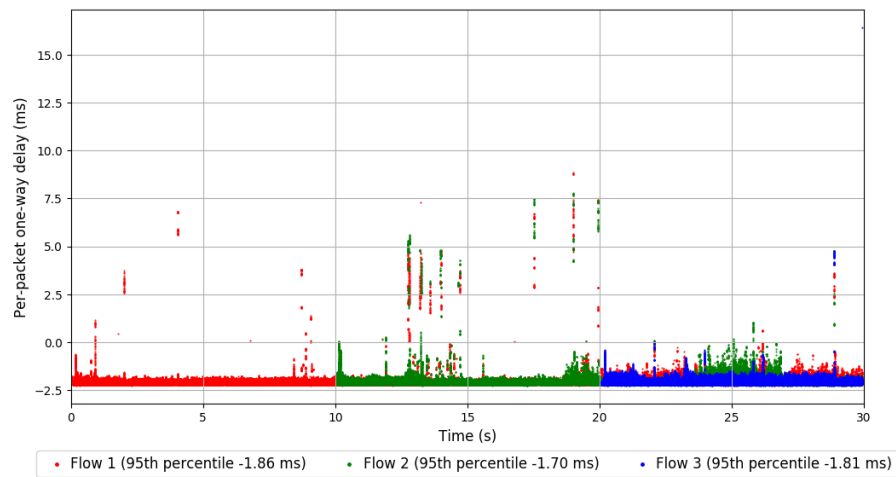
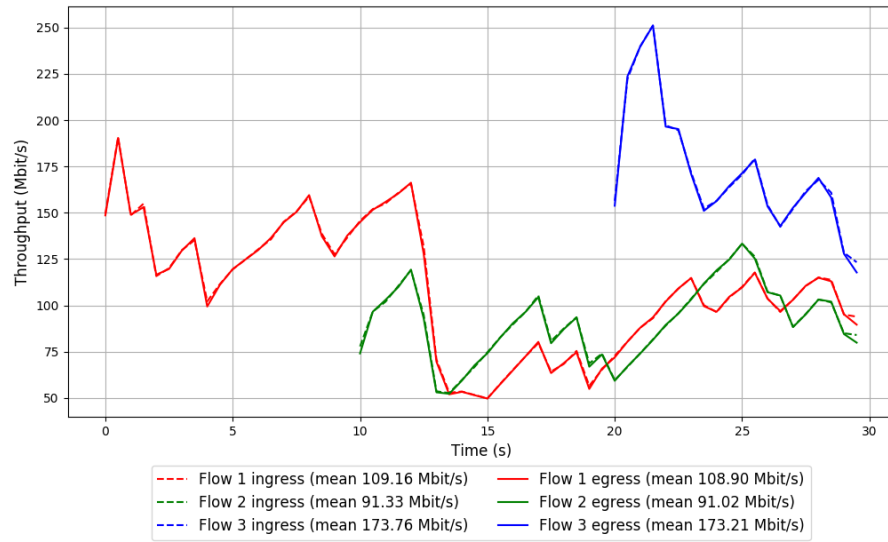
-- Flow 3:

Average throughput: 173.21 Mbit/s

95th percentile per-packet one-way delay: -1.806 ms

Loss rate: 0.33%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

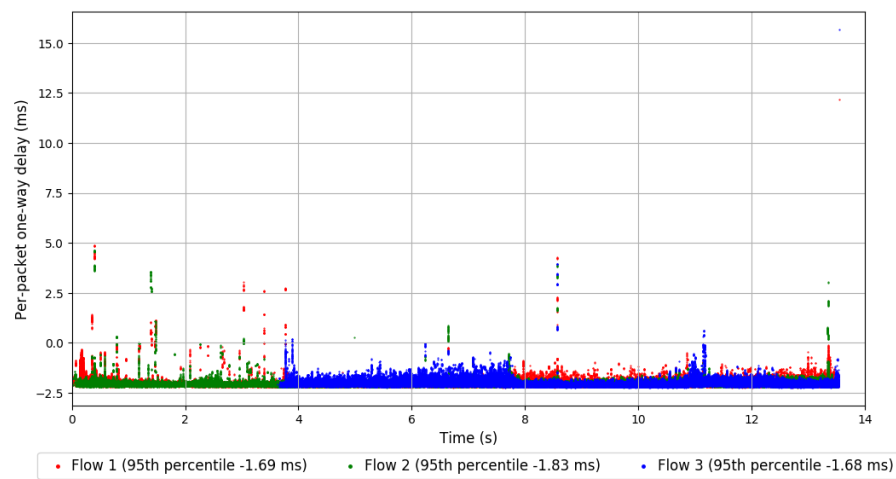
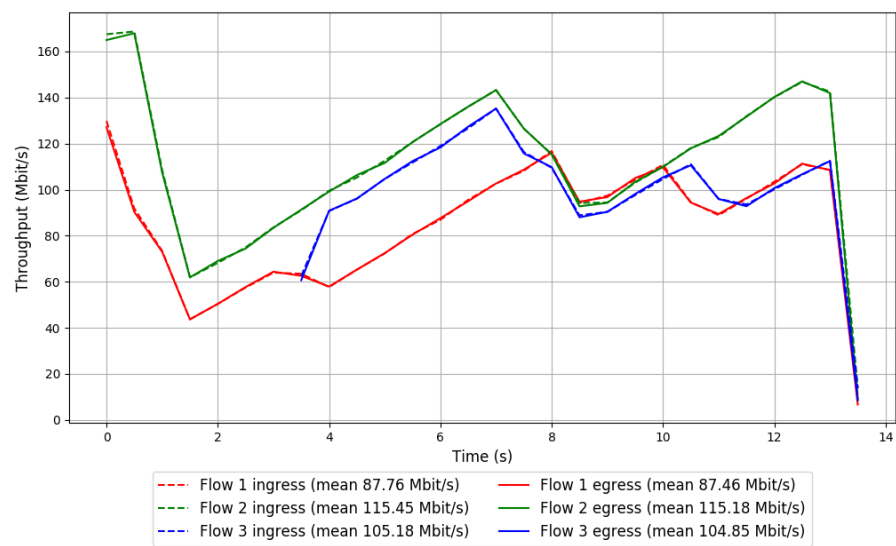
Start at: Mon, 10 Jul 2017 01:09:17 +0000

End at: Mon, 10 Jul 2017 01:09:47 +0000

Local clock offset: 0.701 ms

Remote clock offset: -2.4 ms

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

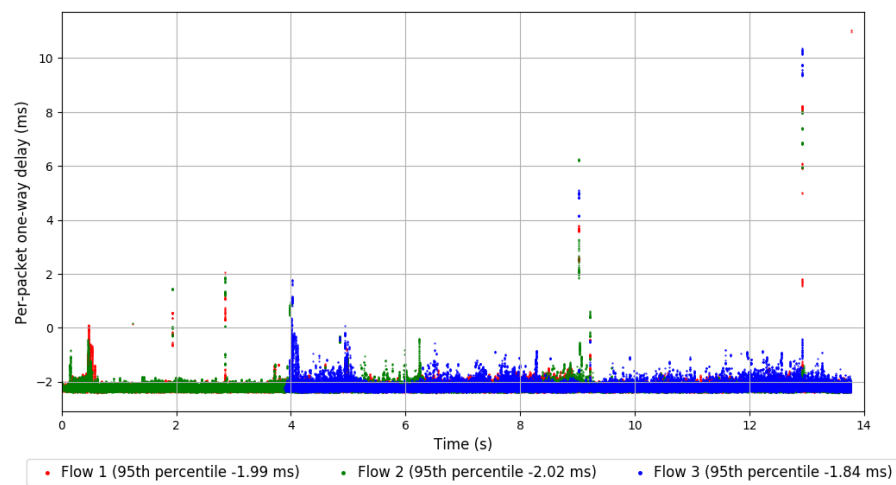
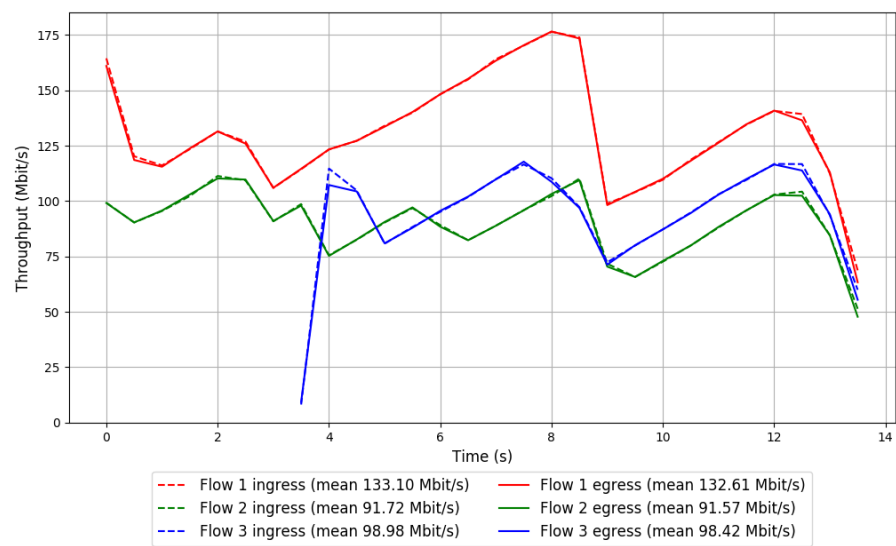
Start at: Mon, 10 Jul 2017 01:30:05 +0000

End at: Mon, 10 Jul 2017 01:30:35 +0000

Local clock offset: 0.885 ms

Remote clock offset: -2.521 ms

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Mon, 10 Jul 2017 01:50:43 +0000

End at: Mon, 10 Jul 2017 01:51:13 +0000

Local clock offset: 0.706 ms

Remote clock offset: -2.603 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:30:16 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 167.95 Mbit/s

95th percentile per-packet one-way delay: -1.854 ms

Loss rate: 0.51%

-- Flow 1:

Average throughput: 79.68 Mbit/s

95th percentile per-packet one-way delay: -1.882 ms

Loss rate: 0.26%

-- Flow 2:

Average throughput: 72.88 Mbit/s

95th percentile per-packet one-way delay: -1.894 ms

Loss rate: 0.74%

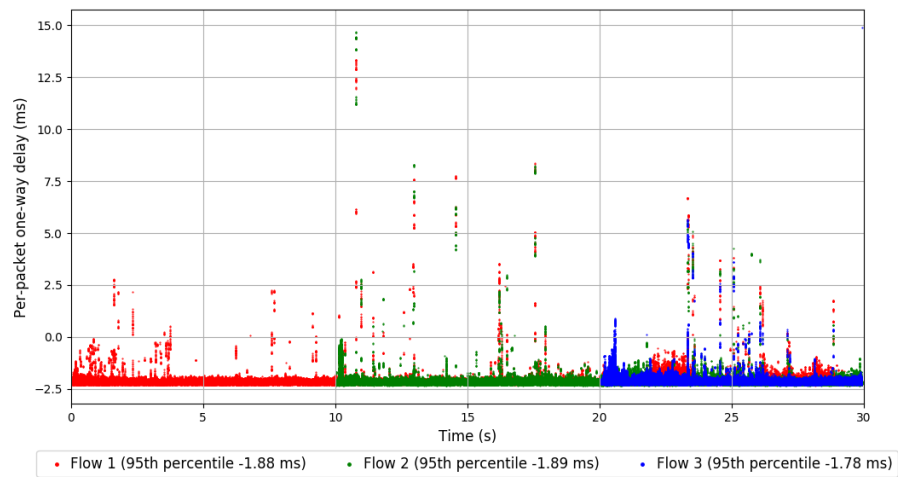
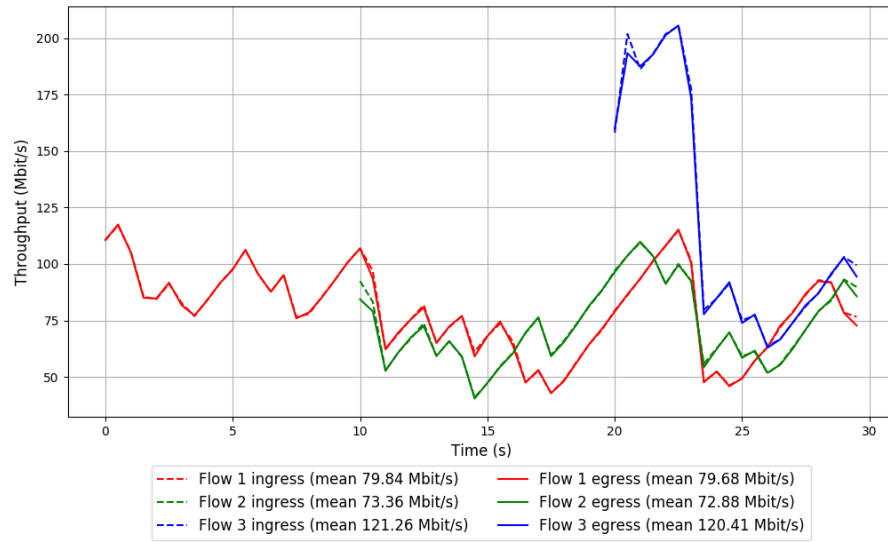
-- Flow 3:

Average throughput: 120.41 Mbit/s

95th percentile per-packet one-way delay: -1.778 ms

Loss rate: 0.72%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

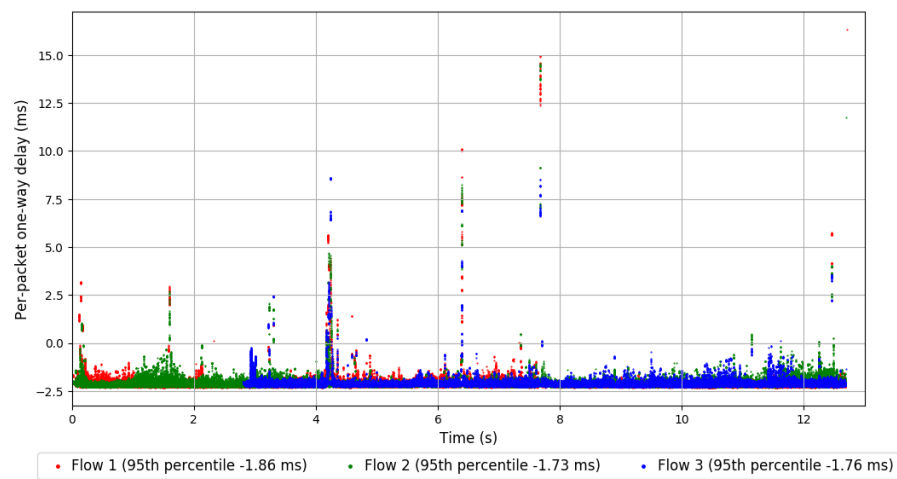
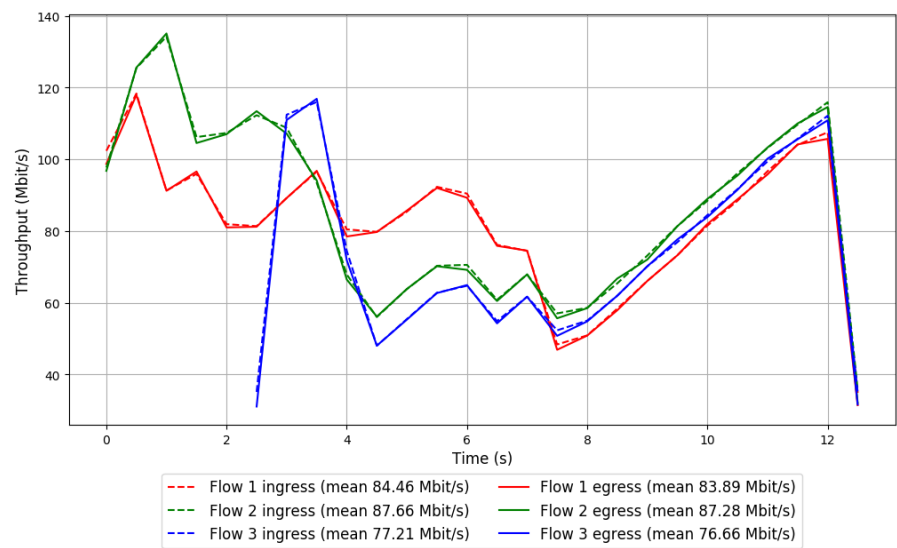
Start at: Mon, 10 Jul 2017 02:11:38 +0000

End at: Mon, 10 Jul 2017 02:12:08 +0000

Local clock offset: 0.718 ms

Remote clock offset: -2.65 ms

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

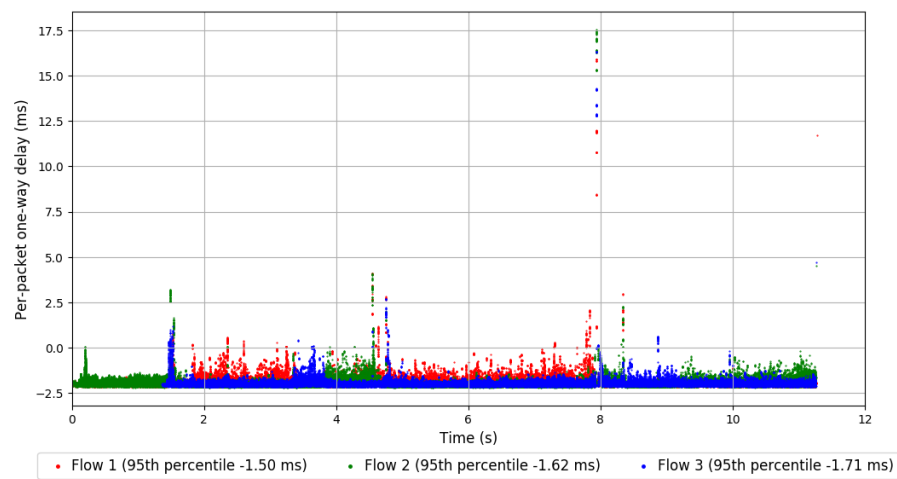
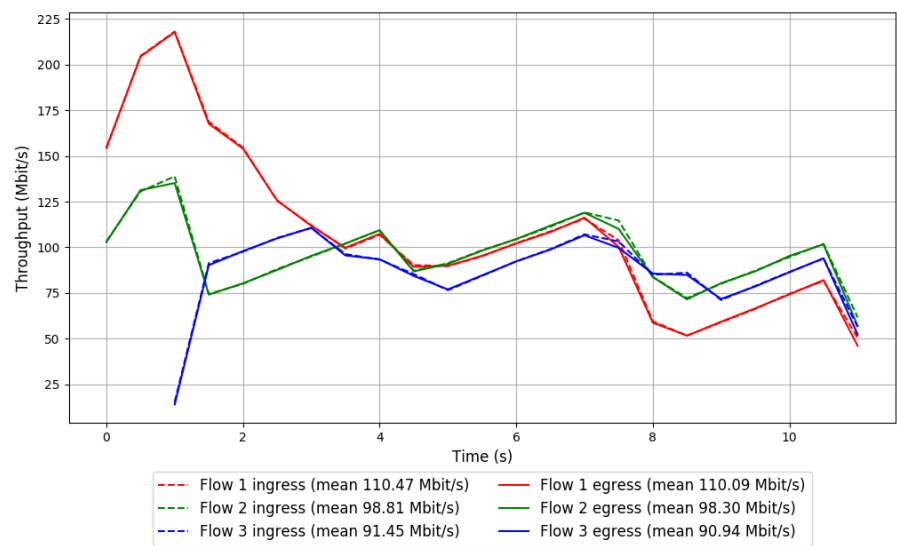
Start at: Mon, 10 Jul 2017 02:32:24 +0000

End at: Mon, 10 Jul 2017 02:32:54 +0000

Local clock offset: 0.676 ms

Remote clock offset: -2.517 ms

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

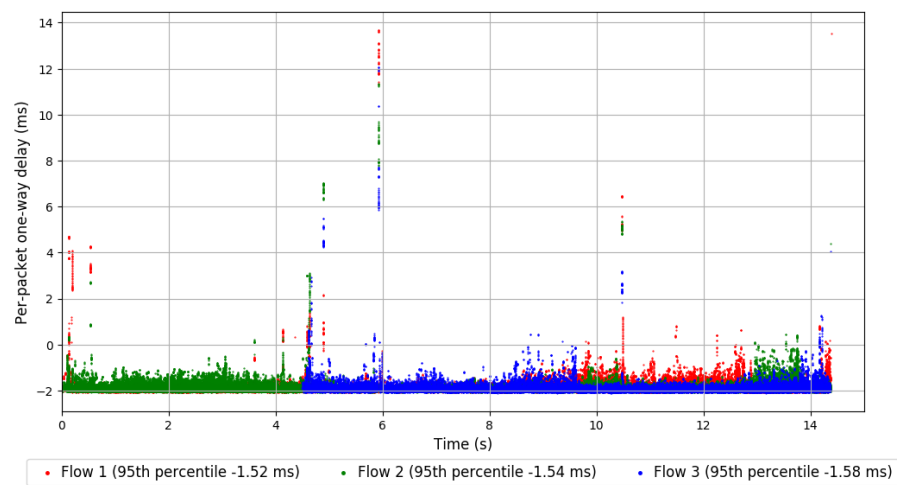
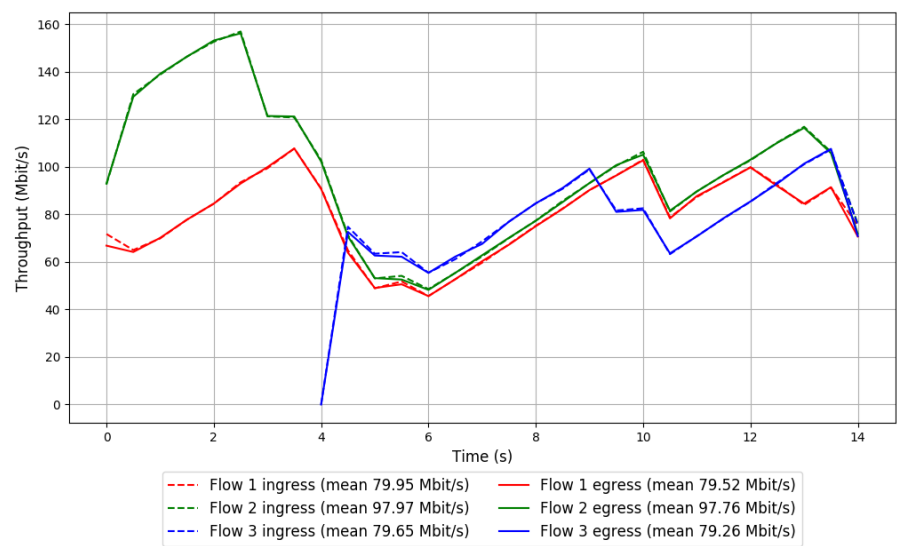
Start at: Mon, 10 Jul 2017 02:53:10 +0000

End at: Mon, 10 Jul 2017 02:53:40 +0000

Local clock offset: 0.738 ms

Remote clock offset: -2.269 ms

Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of KohoCC

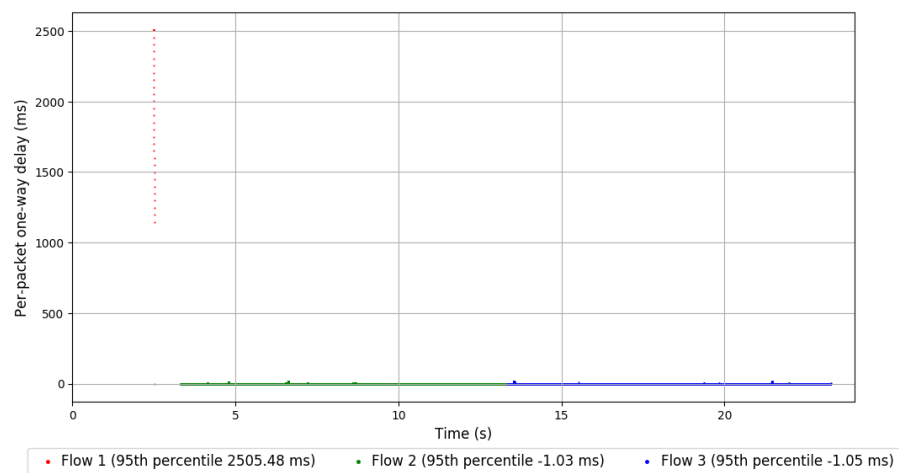
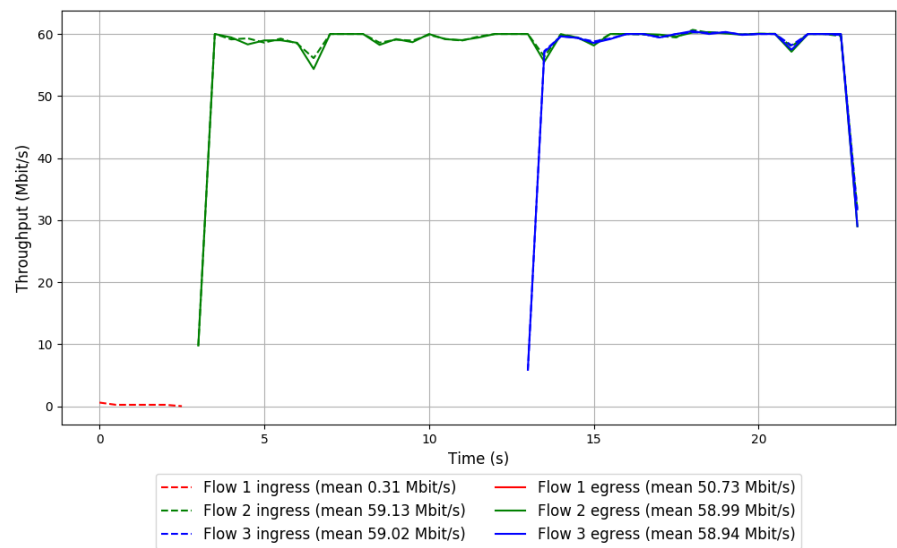
Start at: Sun, 09 Jul 2017 23:40:44 +0000

End at: Sun, 09 Jul 2017 23:41:14 +0000

Local clock offset: 0.796 ms

Remote clock offset: -1.538 ms

Run 1: Report of KohoCC — Data Link



Run 2: Statistics of KohoCC

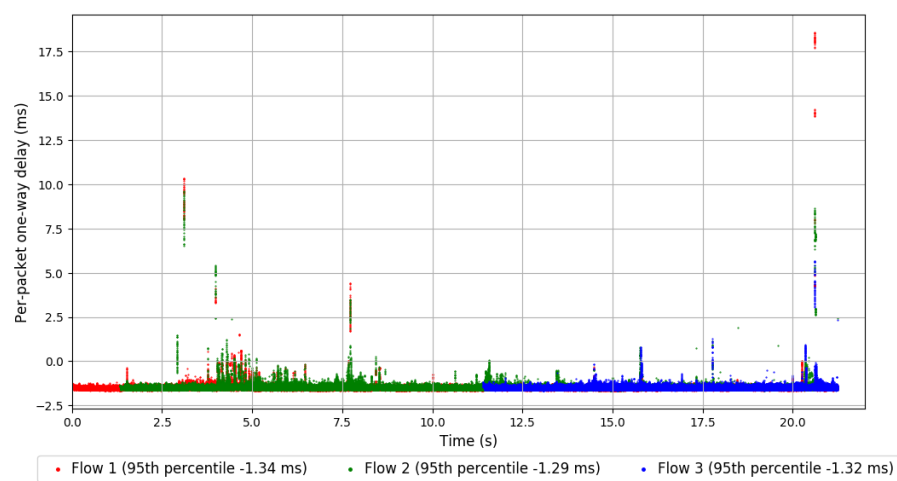
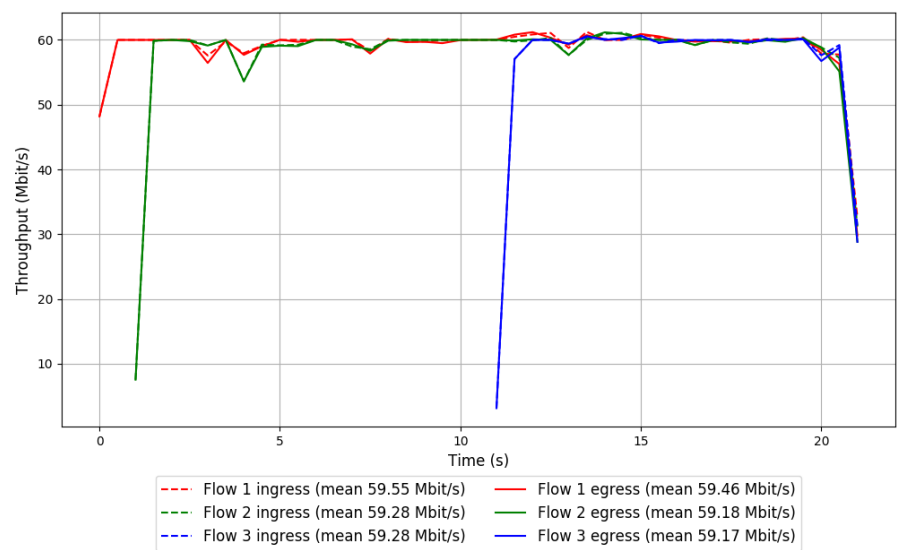
Start at: Mon, 10 Jul 2017 00:01:23 +0000

End at: Mon, 10 Jul 2017 00:01:53 +0000

Local clock offset: 0.842 ms

Remote clock offset: -1.801 ms

Run 2: Report of KohoCC — Data Link



Run 3: Statistics of KohoCC

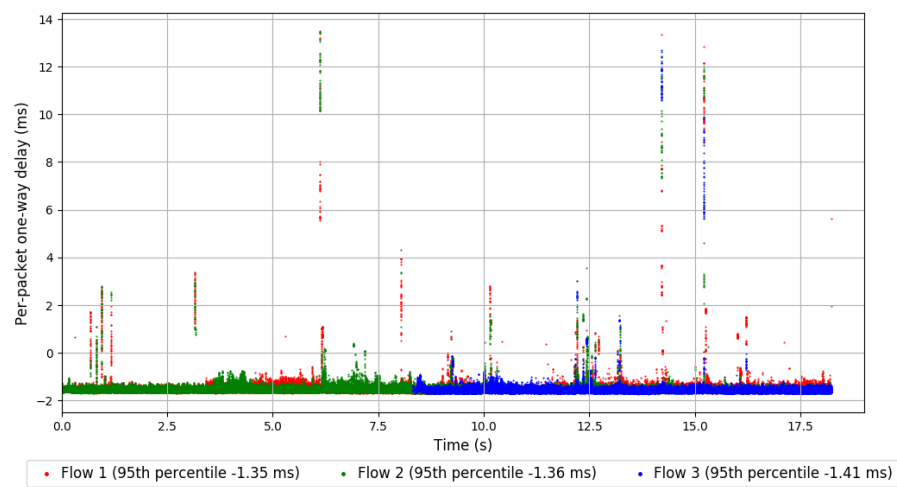
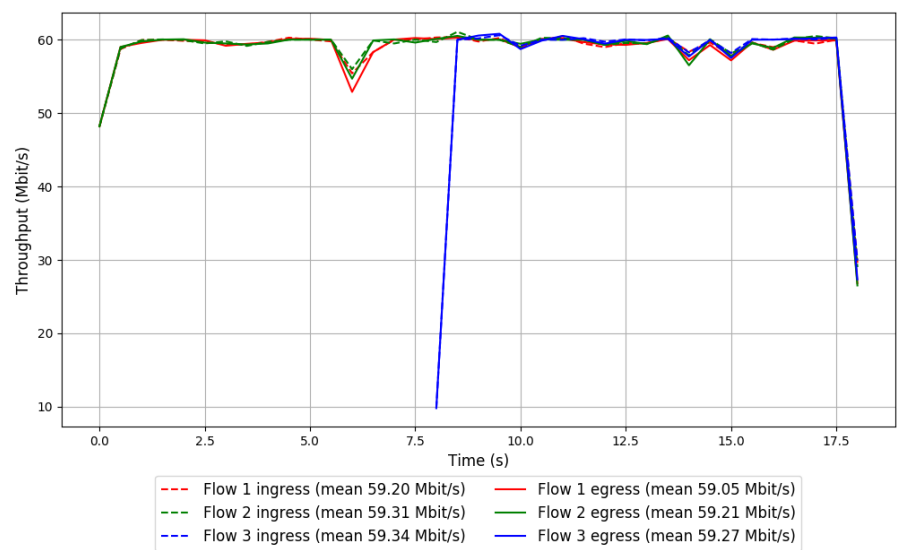
Start at: Mon, 10 Jul 2017 00:22:18 +0000

End at: Mon, 10 Jul 2017 00:22:48 +0000

Local clock offset: 0.919 ms

Remote clock offset: -1.845 ms

Run 3: Report of KohoCC — Data Link



Run 4: Statistics of KohoCC

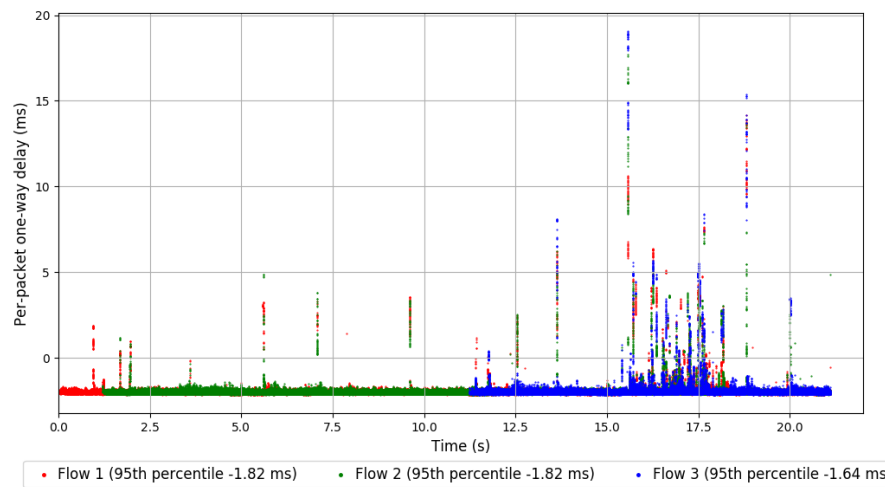
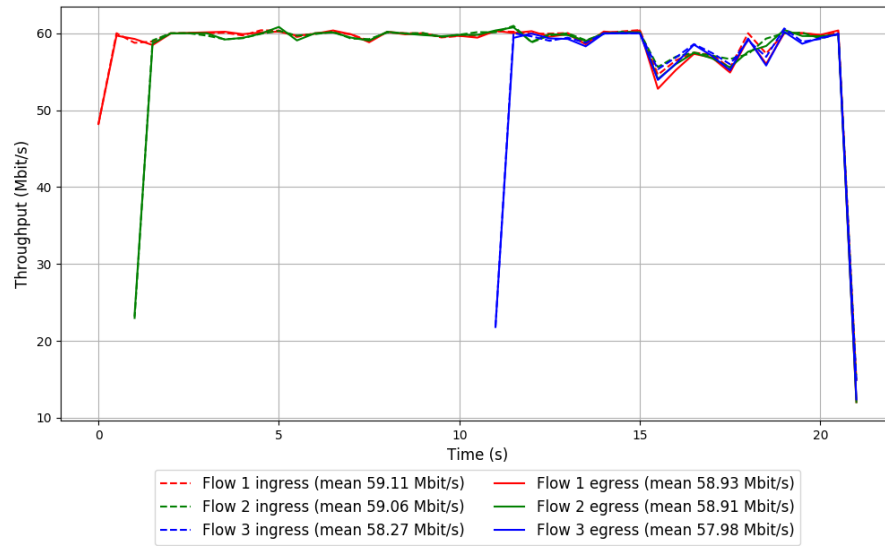
Start at: Mon, 10 Jul 2017 00:43:00 +0000

End at: Mon, 10 Jul 2017 00:43:30 +0000

Local clock offset: 0.86 ms

Remote clock offset: -2.277 ms

Run 4: Report of KohoCC — Data Link



Run 5: Statistics of KohoCC

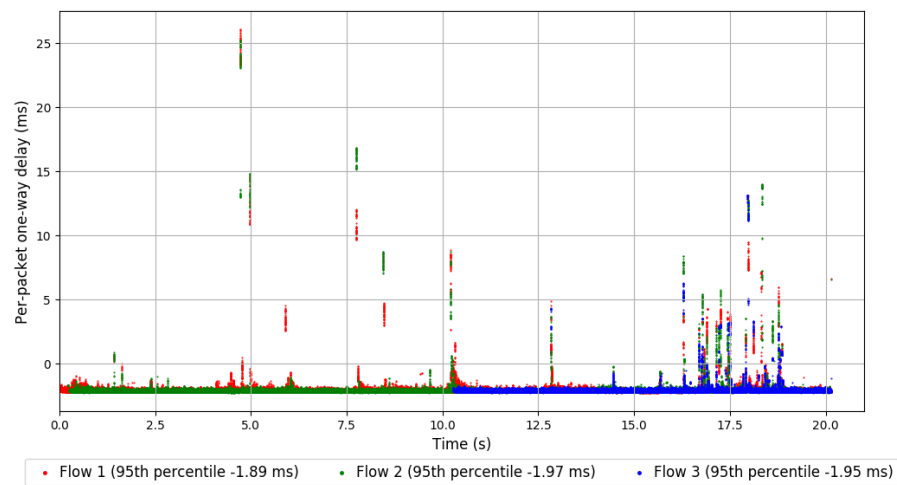
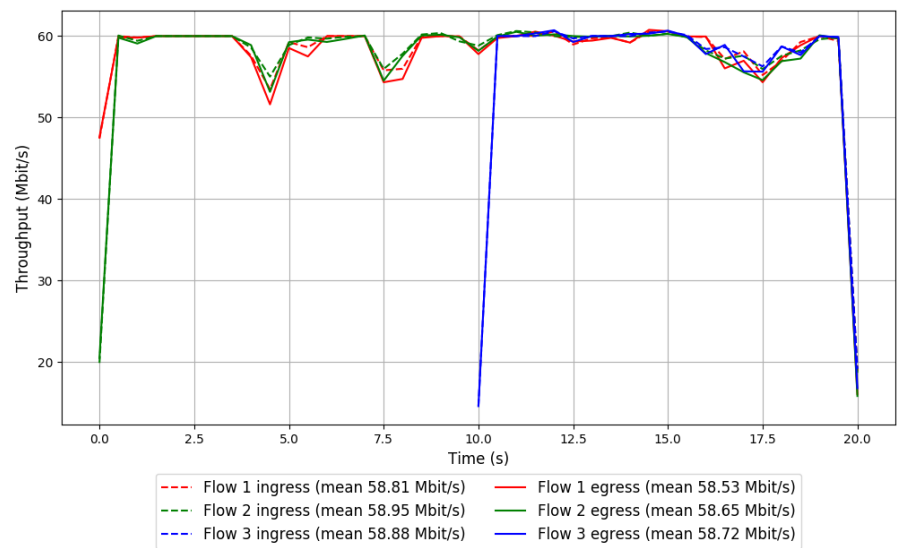
Start at: Mon, 10 Jul 2017 01:03:52 +0000

End at: Mon, 10 Jul 2017 01:04:22 +0000

Local clock offset: 0.81 ms

Remote clock offset: -2.454 ms

Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

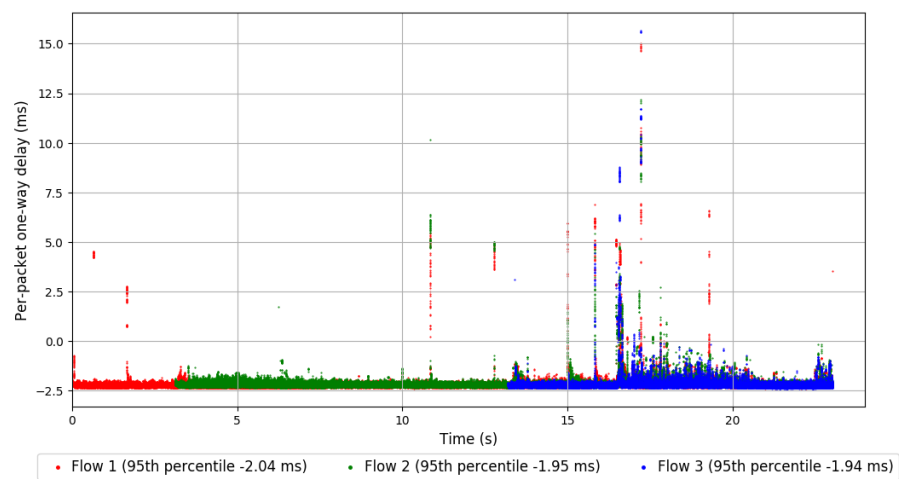
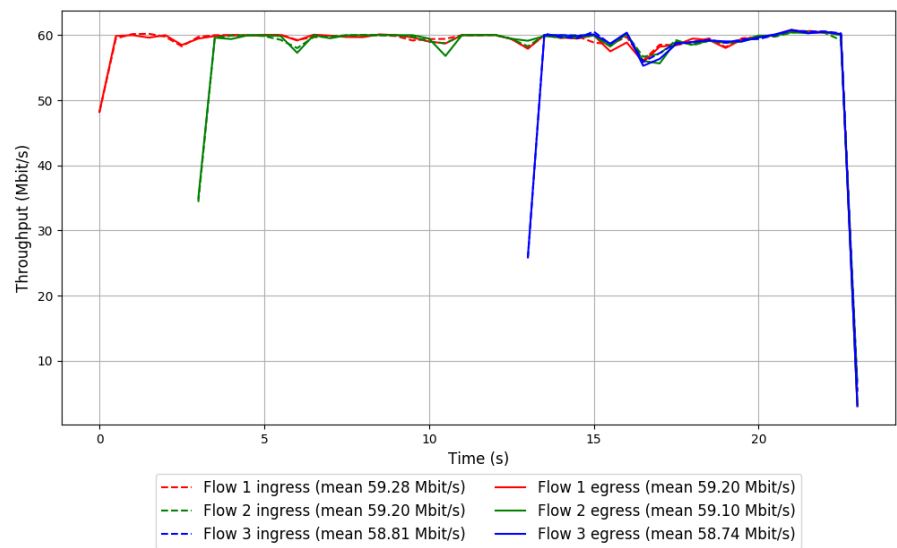
Start at: Mon, 10 Jul 2017 01:24:36 +0000

End at: Mon, 10 Jul 2017 01:25:06 +0000

Local clock offset: 0.864 ms

Remote clock offset: -2.551 ms

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

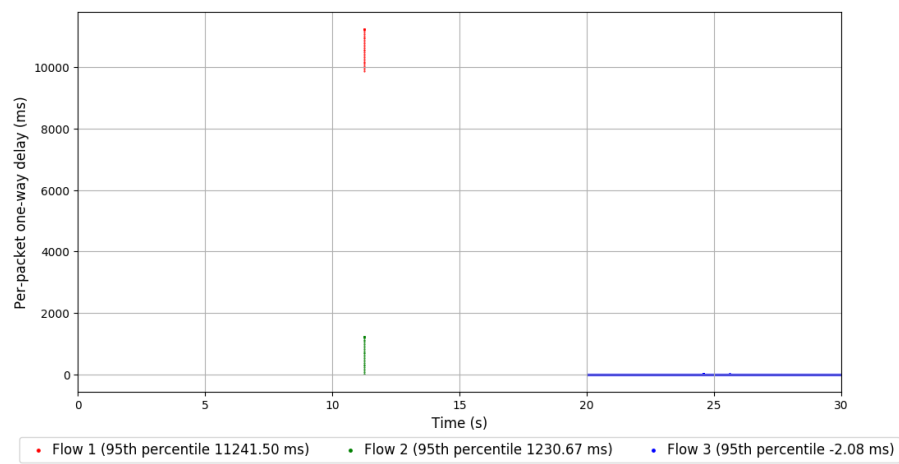
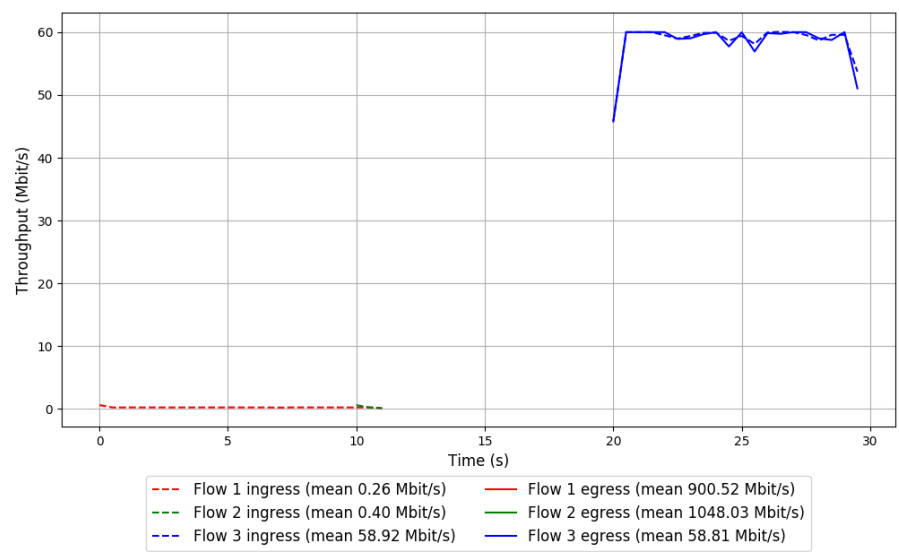
Start at: Mon, 10 Jul 2017 01:45:25 +0000

End at: Mon, 10 Jul 2017 01:45:55 +0000

Local clock offset: 0.749 ms

Remote clock offset: -2.506 ms

Run 7: Report of KohoCC — Data Link



Run 8: Statistics of KohoCC

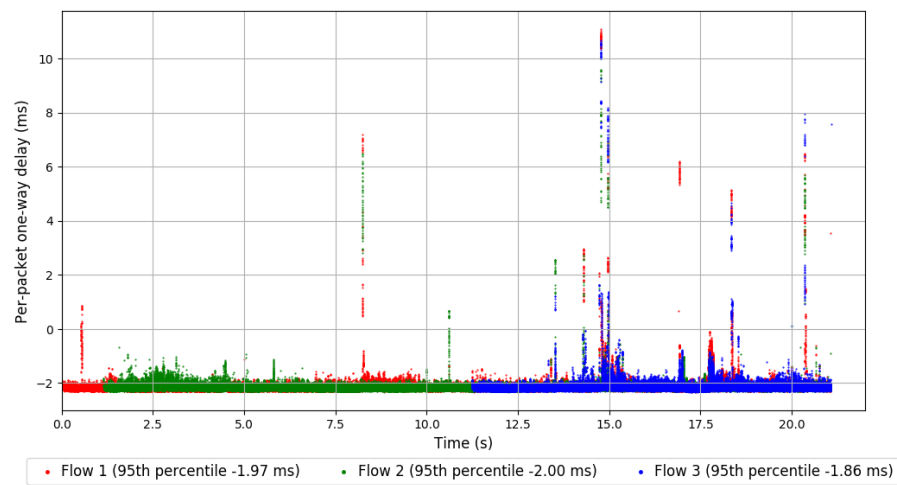
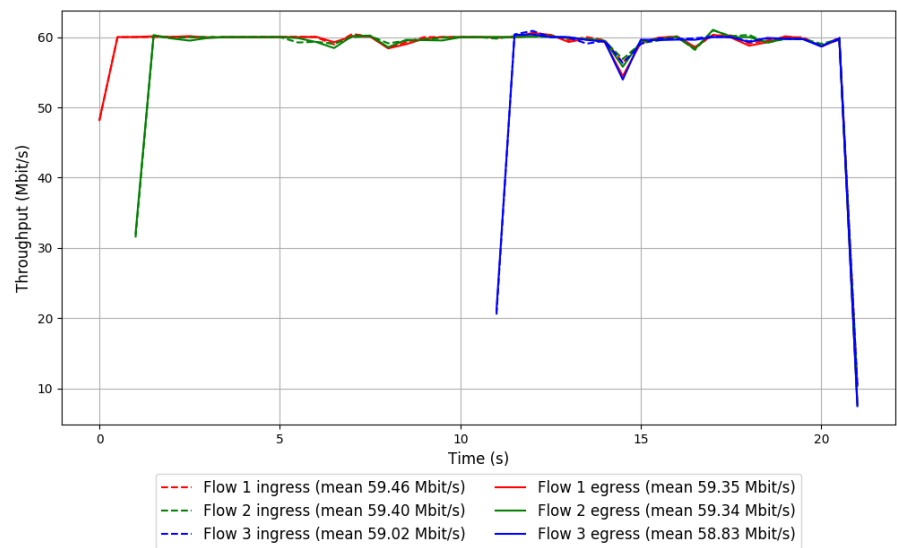
Start at: Mon, 10 Jul 2017 02:06:10 +0000

End at: Mon, 10 Jul 2017 02:06:40 +0000

Local clock offset: 0.714 ms

Remote clock offset: -2.652 ms

Run 8: Report of KohoCC — Data Link



Run 9: Statistics of KohoCC

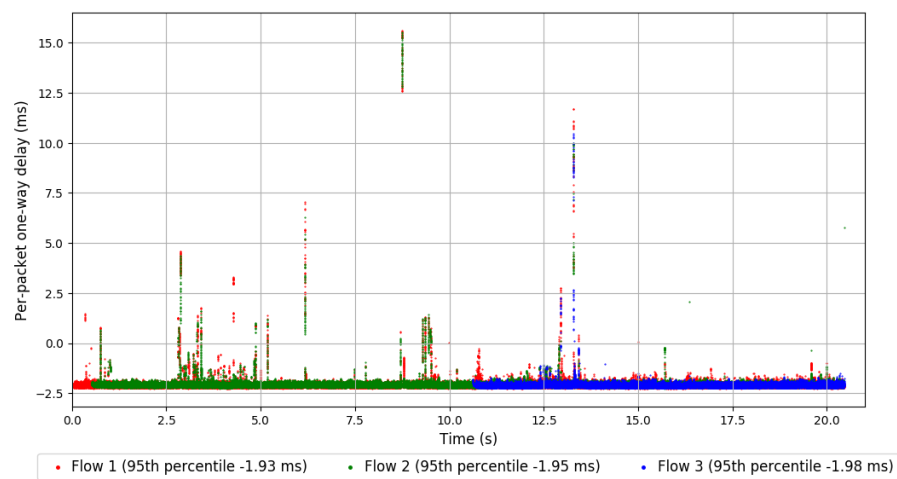
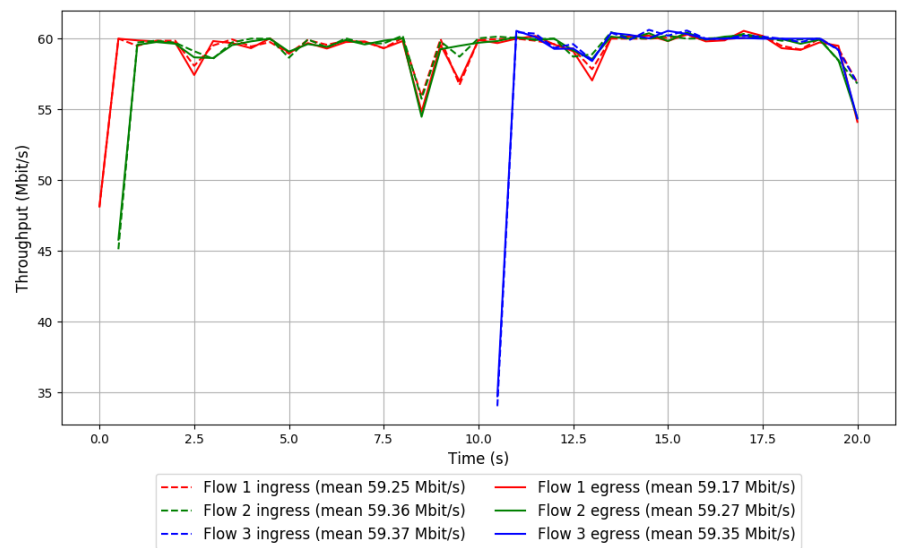
Start at: Mon, 10 Jul 2017 02:26:57 +0000

End at: Mon, 10 Jul 2017 02:27:27 +0000

Local clock offset: 0.621 ms

Remote clock offset: -2.562 ms

Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

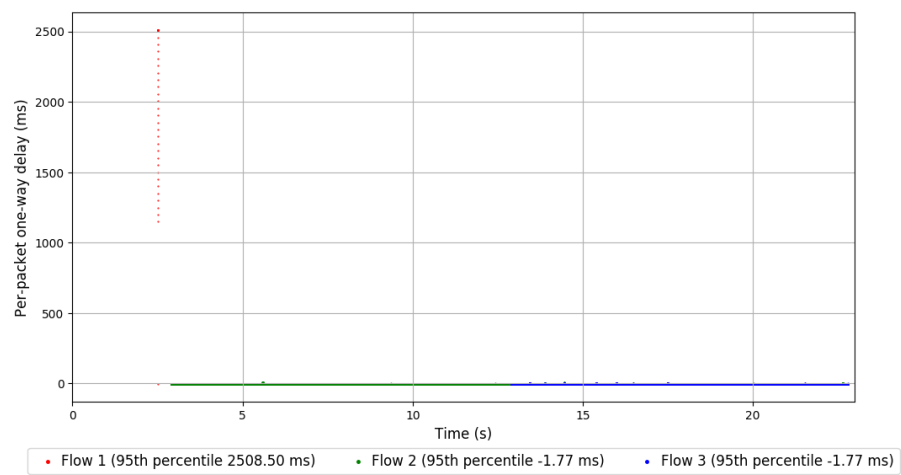
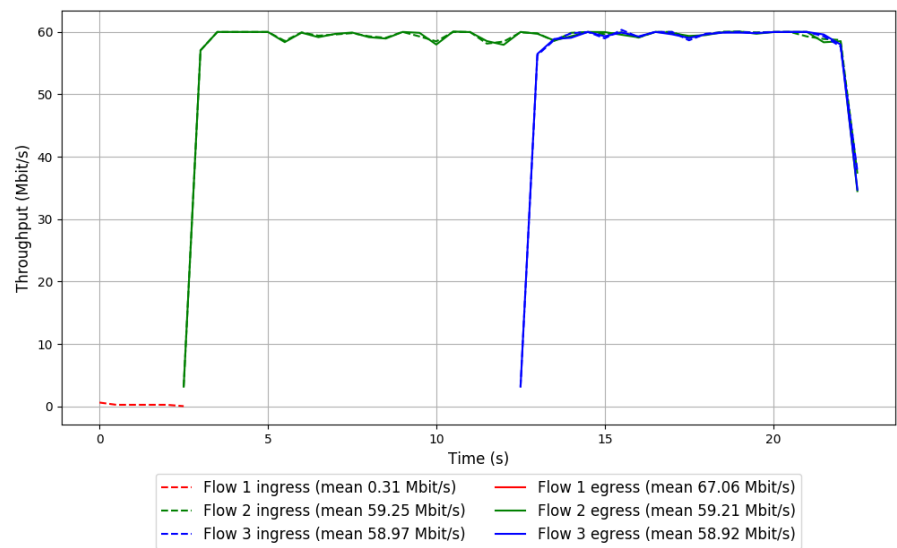
Start at: Mon, 10 Jul 2017 02:47:47 +0000

End at: Mon, 10 Jul 2017 02:48:17 +0000

Local clock offset: 0.669 ms

Remote clock offset: -2.379 ms

Run 10: Report of KohoCC — Data Link



Run 1: Statistics of LEDBAT

Start at: Sun, 09 Jul 2017 23:26:35 +0000

End at: Sun, 09 Jul 2017 23:27:05 +0000

Local clock offset: 0.613 ms

Remote clock offset: -1.766 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:31:53 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 167.39 Mbit/s

95th percentile per-packet one-way delay: -0.785 ms

Loss rate: 0.41%

-- Flow 1:

Average throughput: 104.46 Mbit/s

95th percentile per-packet one-way delay: -0.842 ms

Loss rate: 0.35%

-- Flow 2:

Average throughput: 66.76 Mbit/s

95th percentile per-packet one-way delay: -0.743 ms

Loss rate: 0.47%

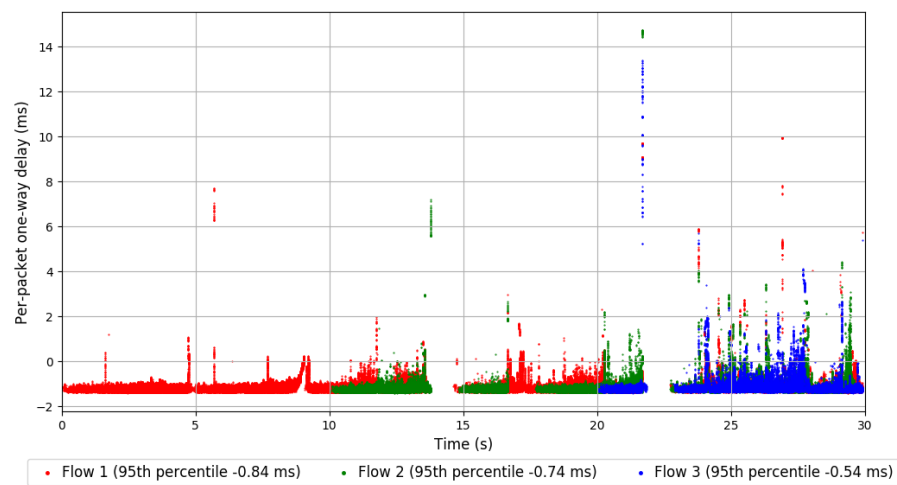
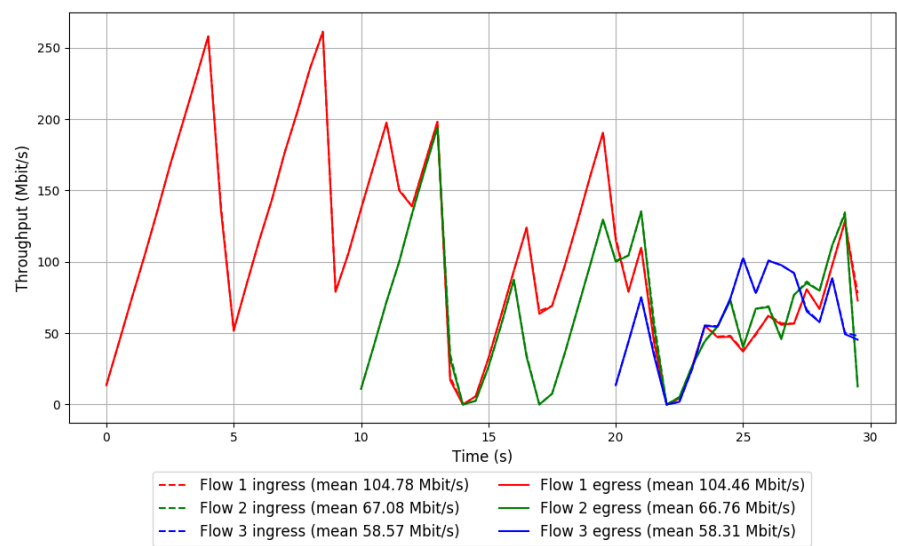
-- Flow 3:

Average throughput: 58.31 Mbit/s

95th percentile per-packet one-way delay: -0.537 ms

Loss rate: 0.58%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: Sun, 09 Jul 2017 23:47:18 +0000

End at: Sun, 09 Jul 2017 23:47:48 +0000

Local clock offset: 0.781 ms

Remote clock offset: -1.739 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:31:55 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 149.68 Mbit/s

95th percentile per-packet one-way delay: -1.083 ms

Loss rate: 0.43%

-- Flow 1:

Average throughput: 75.92 Mbit/s

95th percentile per-packet one-way delay: -1.088 ms

Loss rate: 0.38%

-- Flow 2:

Average throughput: 82.83 Mbit/s

95th percentile per-packet one-way delay: -1.094 ms

Loss rate: 0.45%

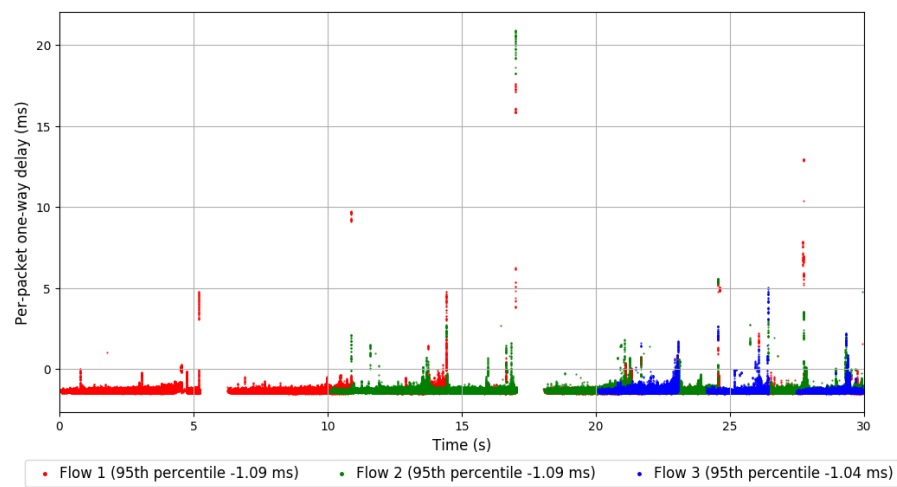
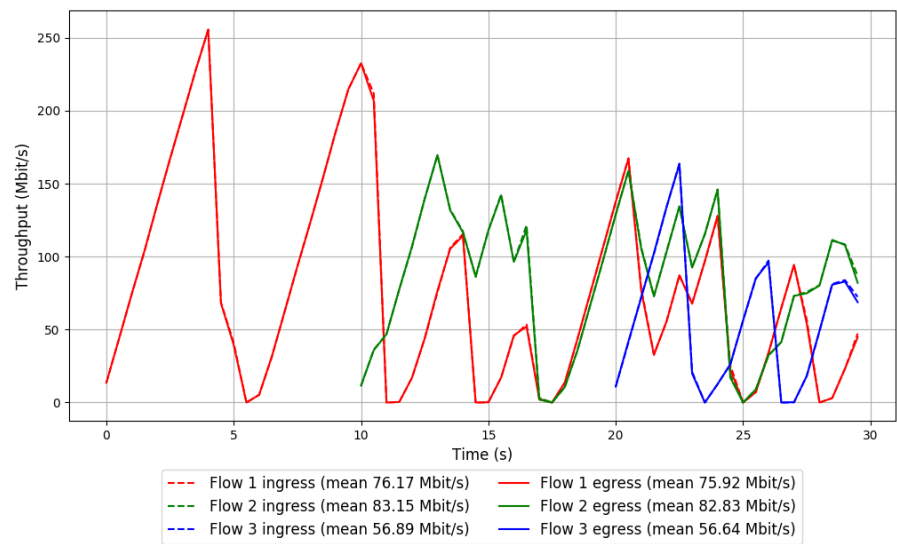
-- Flow 3:

Average throughput: 56.64 Mbit/s

95th percentile per-packet one-way delay: -1.037 ms

Loss rate: 0.56%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: Mon, 10 Jul 2017 00:08:09 +0000

End at: Mon, 10 Jul 2017 00:08:39 +0000

Local clock offset: 0.779 ms

Remote clock offset: -1.709 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:32:07 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 127.43 Mbit/s

95th percentile per-packet one-way delay: -1.122 ms

Loss rate: 0.59%

-- Flow 1:

Average throughput: 68.08 Mbit/s

95th percentile per-packet one-way delay: -1.089 ms

Loss rate: 0.49%

-- Flow 2:

Average throughput: 65.87 Mbit/s

95th percentile per-packet one-way delay: -1.212 ms

Loss rate: 0.59%

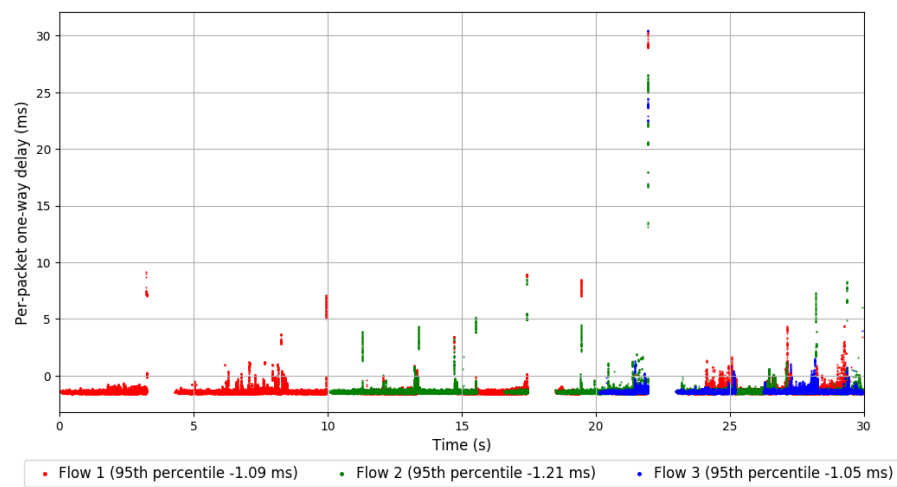
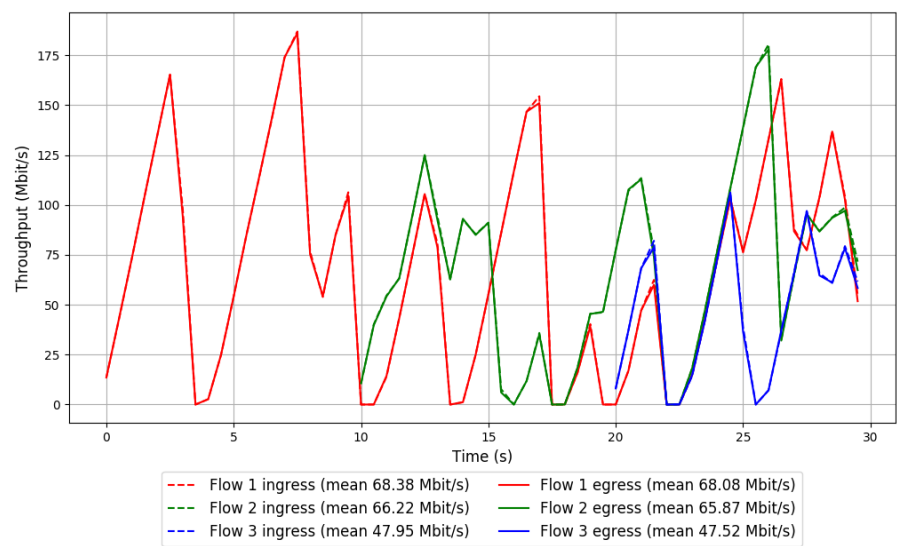
-- Flow 3:

Average throughput: 47.52 Mbit/s

95th percentile per-packet one-way delay: -1.052 ms

Loss rate: 1.03%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: Mon, 10 Jul 2017 00:28:54 +0000

End at: Mon, 10 Jul 2017 00:29:24 +0000

Local clock offset: 0.927 ms

Remote clock offset: -1.924 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:32:15 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 141.96 Mbit/s

95th percentile per-packet one-way delay: -1.347 ms

Loss rate: 0.41%

-- Flow 1:

Average throughput: 58.29 Mbit/s

95th percentile per-packet one-way delay: -1.346 ms

Loss rate: 0.51%

-- Flow 2:

Average throughput: 94.53 Mbit/s

95th percentile per-packet one-way delay: -1.428 ms

Loss rate: 0.32%

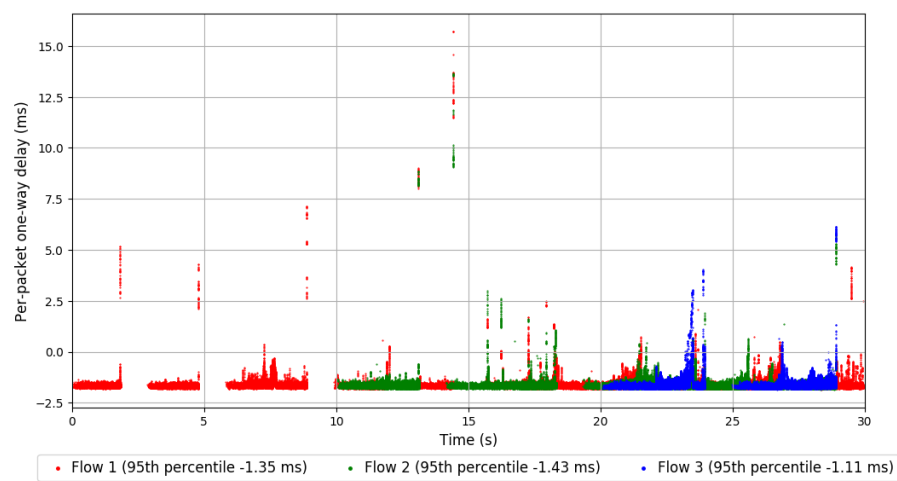
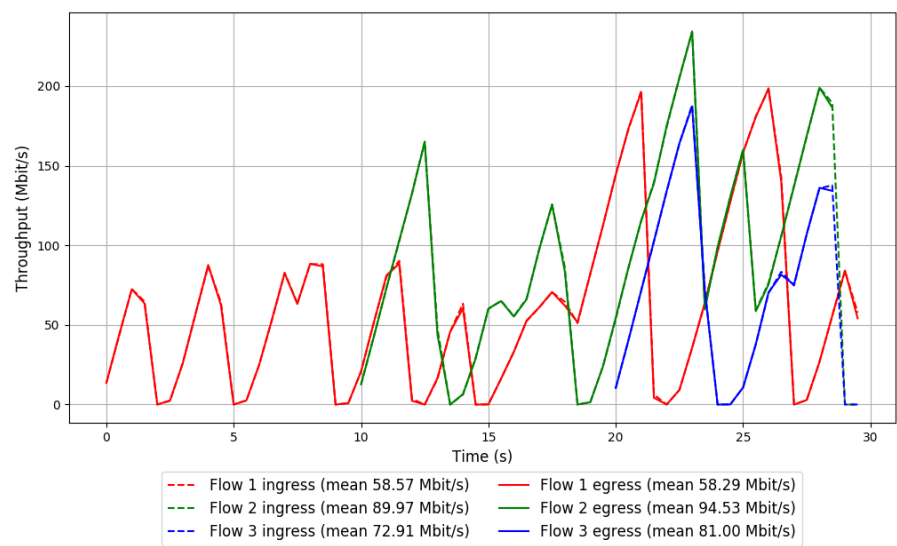
-- Flow 3:

Average throughput: 81.00 Mbit/s

95th percentile per-packet one-way delay: -1.113 ms

Loss rate: 0.39%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: Mon, 10 Jul 2017 00:49:50 +0000

End at: Mon, 10 Jul 2017 00:50:20 +0000

Local clock offset: 0.807 ms

Remote clock offset: -2.444 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:32:24 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 99.06 Mbit/s

95th percentile per-packet one-way delay: -1.803 ms

Loss rate: 0.72%

-- Flow 1:

Average throughput: 46.76 Mbit/s

95th percentile per-packet one-way delay: -1.876 ms

Loss rate: 0.79%

-- Flow 2:

Average throughput: 55.23 Mbit/s

95th percentile per-packet one-way delay: -1.708 ms

Loss rate: 0.67%

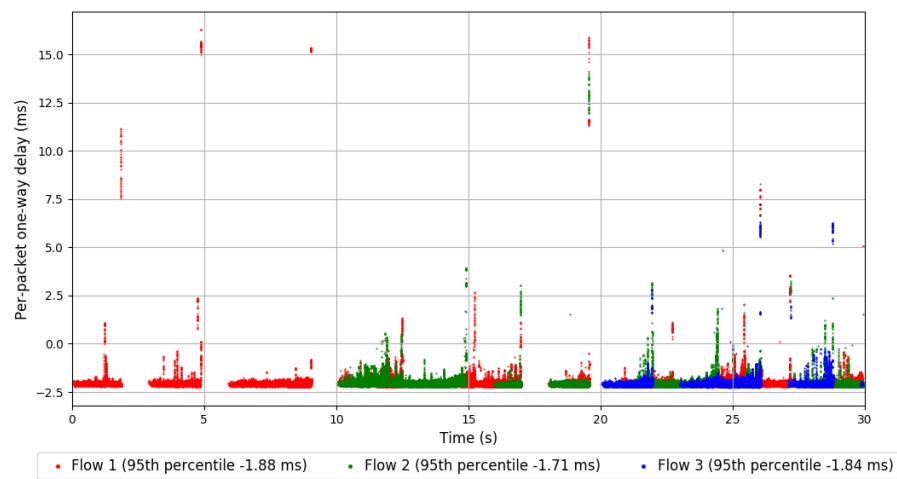
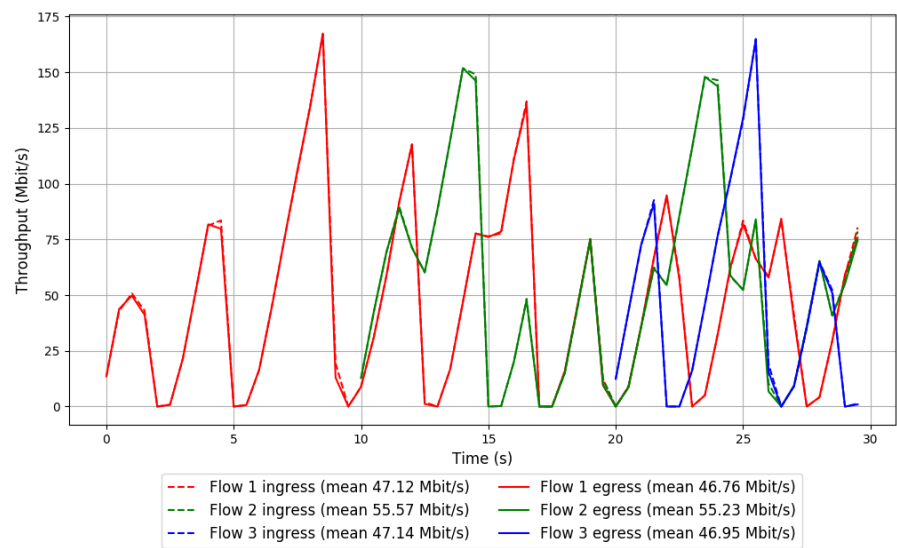
-- Flow 3:

Average throughput: 46.95 Mbit/s

95th percentile per-packet one-way delay: -1.841 ms

Loss rate: 0.60%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: Mon, 10 Jul 2017 01:10:34 +0000

End at: Mon, 10 Jul 2017 01:11:04 +0000

Local clock offset: 0.811 ms

Remote clock offset: -2.478 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:32:30 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 109.08 Mbit/s

95th percentile per-packet one-way delay: -1.718 ms

Loss rate: 0.59%

-- Flow 1:

Average throughput: 50.15 Mbit/s

95th percentile per-packet one-way delay: -1.757 ms

Loss rate: 0.70%

-- Flow 2:

Average throughput: 58.03 Mbit/s

95th percentile per-packet one-way delay: -1.828 ms

Loss rate: 0.42%

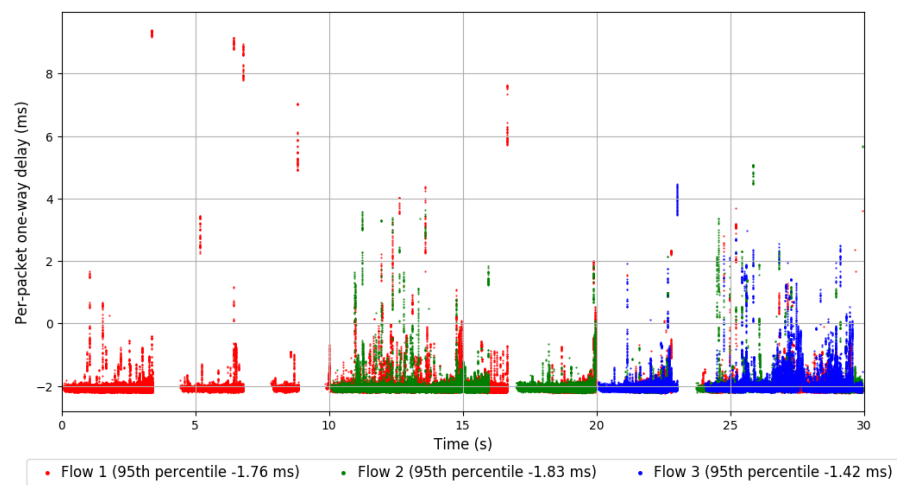
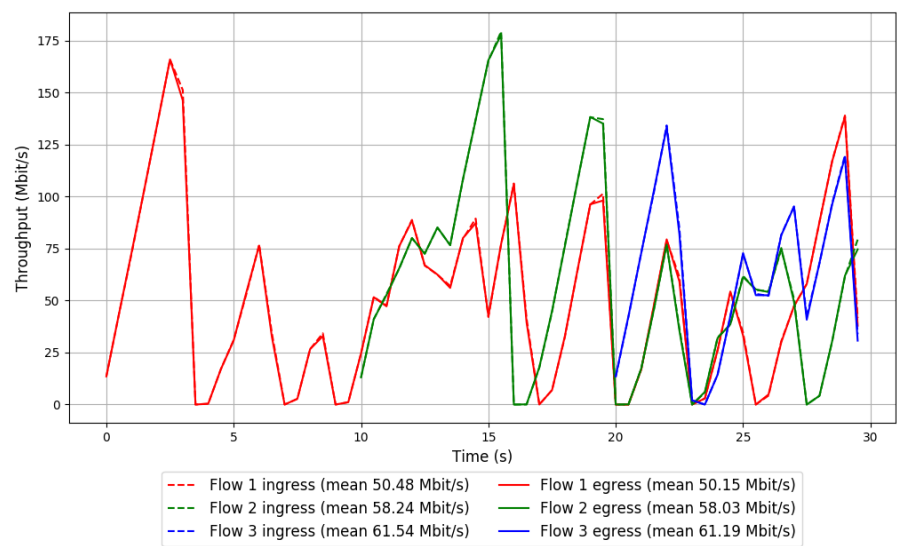
-- Flow 3:

Average throughput: 61.19 Mbit/s

95th percentile per-packet one-way delay: -1.415 ms

Loss rate: 0.67%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: Mon, 10 Jul 2017 01:31:22 +0000

End at: Mon, 10 Jul 2017 01:31:52 +0000

Local clock offset: 0.802 ms

Remote clock offset: -2.555 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:32:40 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 113.42 Mbit/s

95th percentile per-packet one-way delay: -1.816 ms

Loss rate: 0.60%

-- Flow 1:

Average throughput: 59.58 Mbit/s

95th percentile per-packet one-way delay: -1.902 ms

Loss rate: 0.54%

-- Flow 2:

Average throughput: 64.95 Mbit/s

95th percentile per-packet one-way delay: -1.775 ms

Loss rate: 0.61%

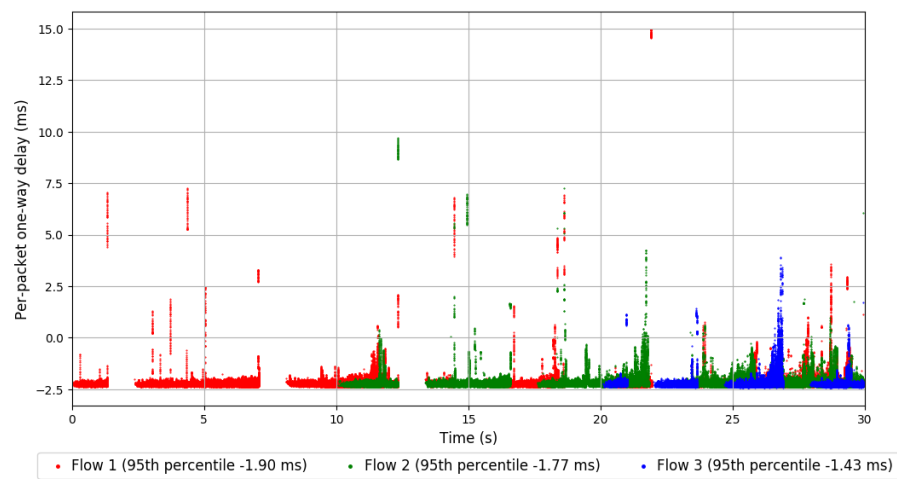
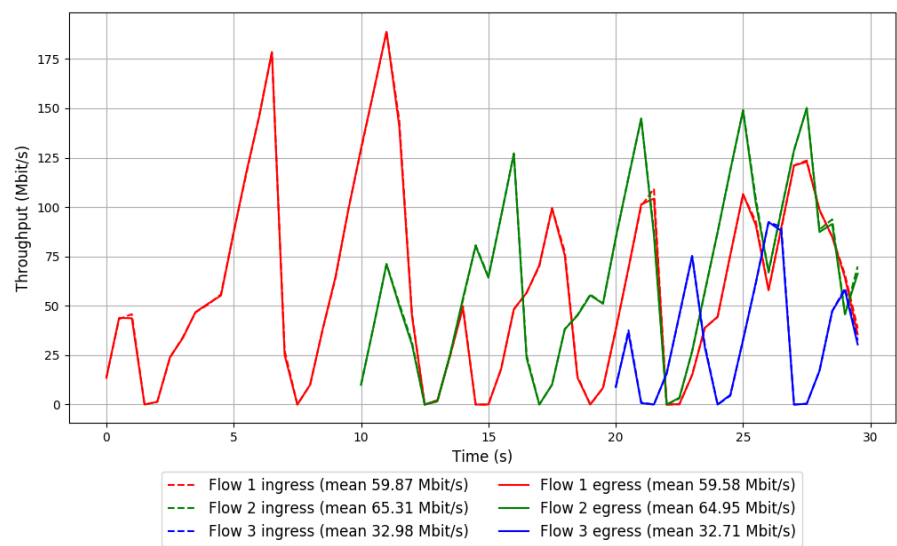
-- Flow 3:

Average throughput: 32.71 Mbit/s

95th percentile per-packet one-way delay: -1.428 ms

Loss rate: 0.95%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: Mon, 10 Jul 2017 01:52:02 +0000

End at: Mon, 10 Jul 2017 01:52:32 +0000

Local clock offset: 0.69 ms

Remote clock offset: -2.575 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:32:54 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 184.04 Mbit/s

95th percentile per-packet one-way delay: -1.845 ms

Loss rate: 0.29%

-- Flow 1:

Average throughput: 95.67 Mbit/s

95th percentile per-packet one-way delay: -1.923 ms

Loss rate: 0.31%

-- Flow 2:

Average throughput: 65.09 Mbit/s

95th percentile per-packet one-way delay: -1.707 ms

Loss rate: 0.34%

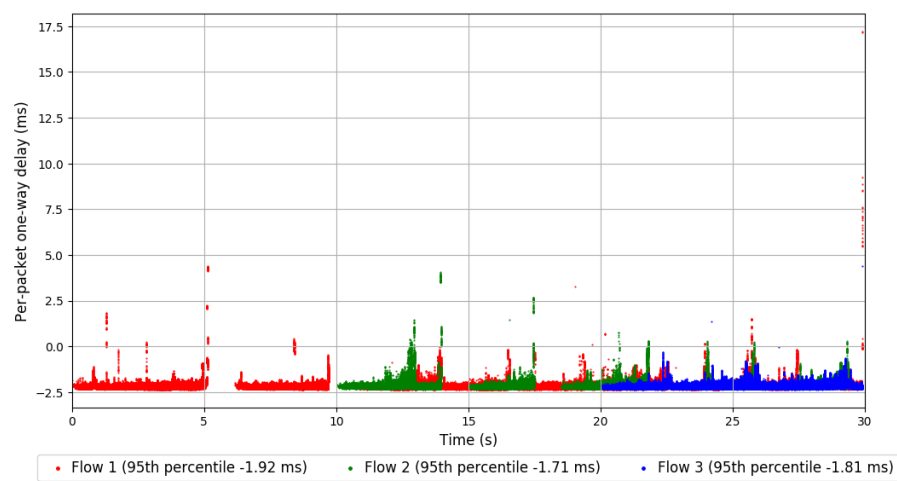
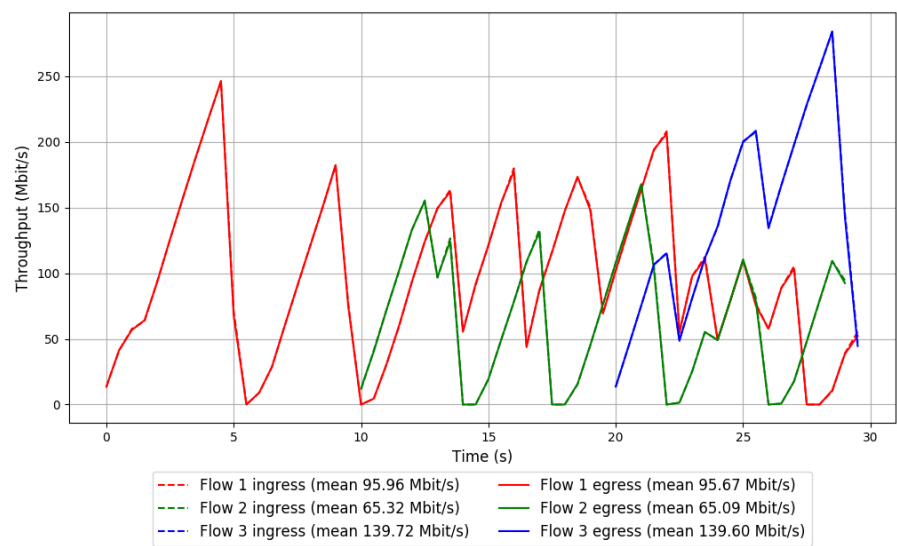
-- Flow 3:

Average throughput: 139.60 Mbit/s

95th percentile per-packet one-way delay: -1.814 ms

Loss rate: 0.21%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: Mon, 10 Jul 2017 02:12:53 +0000

End at: Mon, 10 Jul 2017 02:13:23 +0000

Local clock offset: 0.711 ms

Remote clock offset: -2.661 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:33:02 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 138.67 Mbit/s

95th percentile per-packet one-way delay: -1.750 ms

Loss rate: 0.40%

-- Flow 1:

Average throughput: 67.72 Mbit/s

95th percentile per-packet one-way delay: -1.701 ms

Loss rate: 0.36%

-- Flow 2:

Average throughput: 79.56 Mbit/s

95th percentile per-packet one-way delay: -1.780 ms

Loss rate: 0.33%

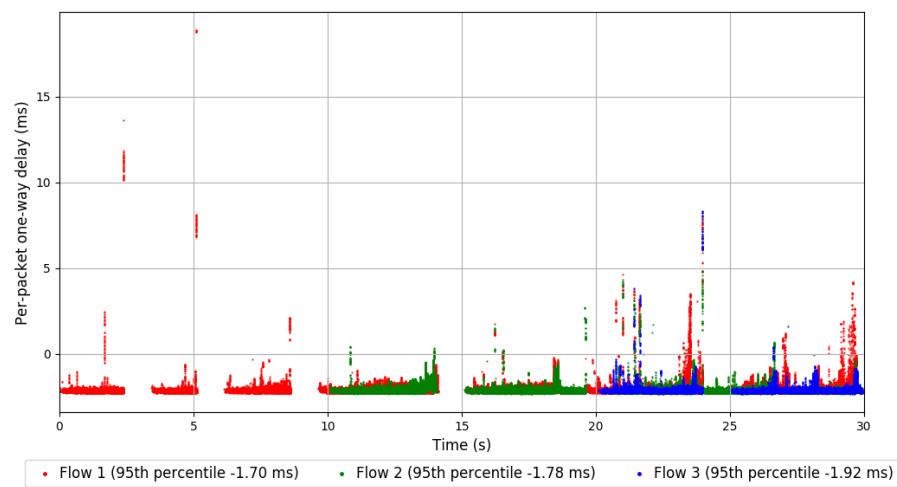
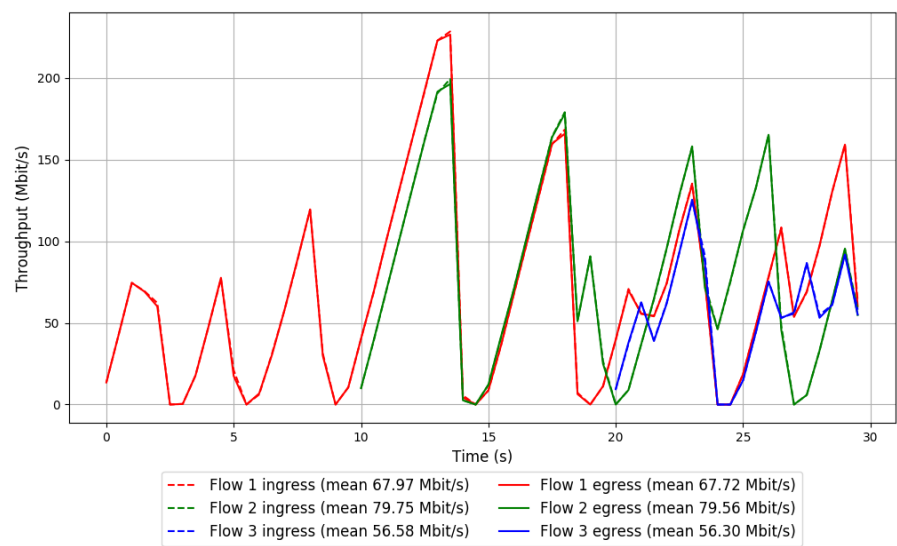
-- Flow 3:

Average throughput: 56.30 Mbit/s

95th percentile per-packet one-way delay: -1.919 ms

Loss rate: 0.70%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: Mon, 10 Jul 2017 02:33:39 +0000

End at: Mon, 10 Jul 2017 02:34:10 +0000

Local clock offset: 0.748 ms

Remote clock offset: -2.393 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:33:15 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 156.17 Mbit/s

95th percentile per-packet one-way delay: -1.578 ms

Loss rate: 0.42%

-- Flow 1:

Average throughput: 94.26 Mbit/s

95th percentile per-packet one-way delay: -1.549 ms

Loss rate: 0.30%

-- Flow 2:

Average throughput: 58.19 Mbit/s

95th percentile per-packet one-way delay: -1.697 ms

Loss rate: 0.50%

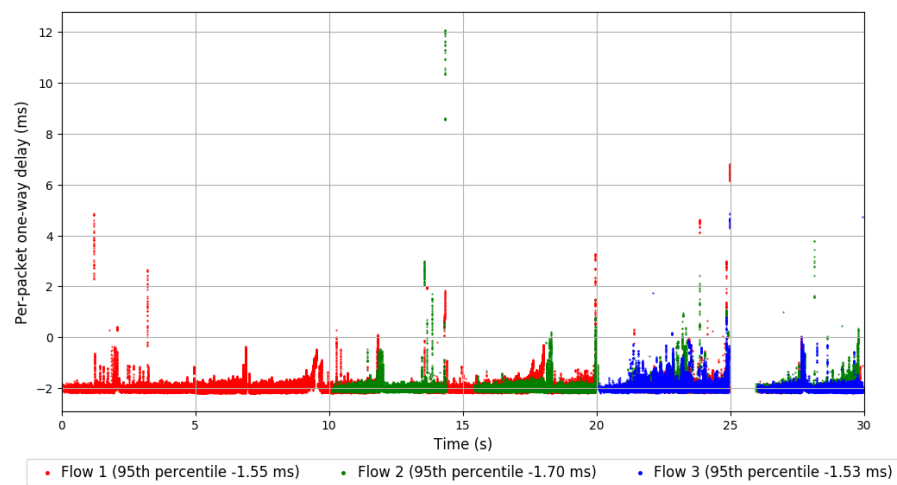
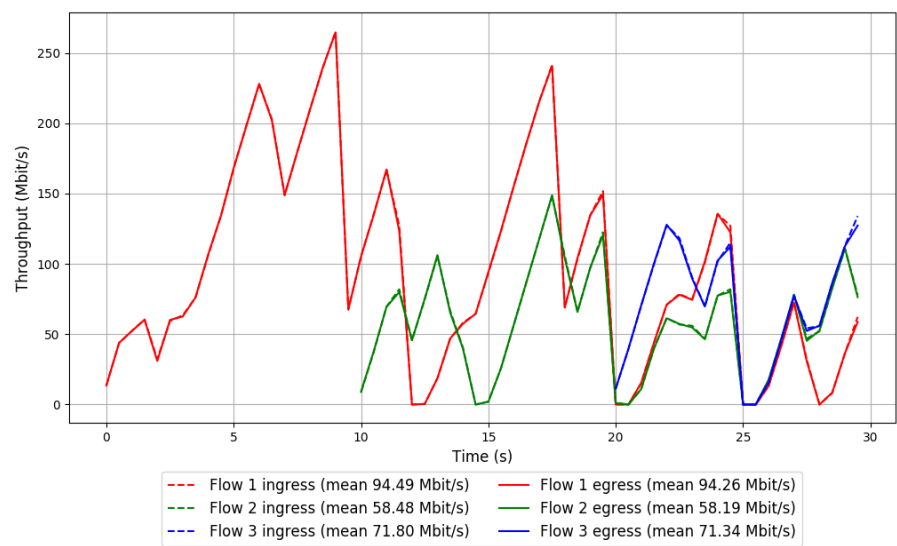
-- Flow 3:

Average throughput: 71.34 Mbit/s

95th percentile per-packet one-way delay: -1.527 ms

Loss rate: 0.77%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

Start at: Sun, 09 Jul 2017 23:44:33 +0000

End at: Sun, 09 Jul 2017 23:45:03 +0000

Local clock offset: 0.779 ms

Remote clock offset: -1.643 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:34:06 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 569.43 Mbit/s

95th percentile per-packet one-way delay: 0.672 ms

Loss rate: 8.37%

-- Flow 1:

Average throughput: 418.37 Mbit/s

95th percentile per-packet one-way delay: 0.509 ms

Loss rate: 9.12%

-- Flow 2:

Average throughput: 226.15 Mbit/s

95th percentile per-packet one-way delay: 1.287 ms

Loss rate: 6.25%

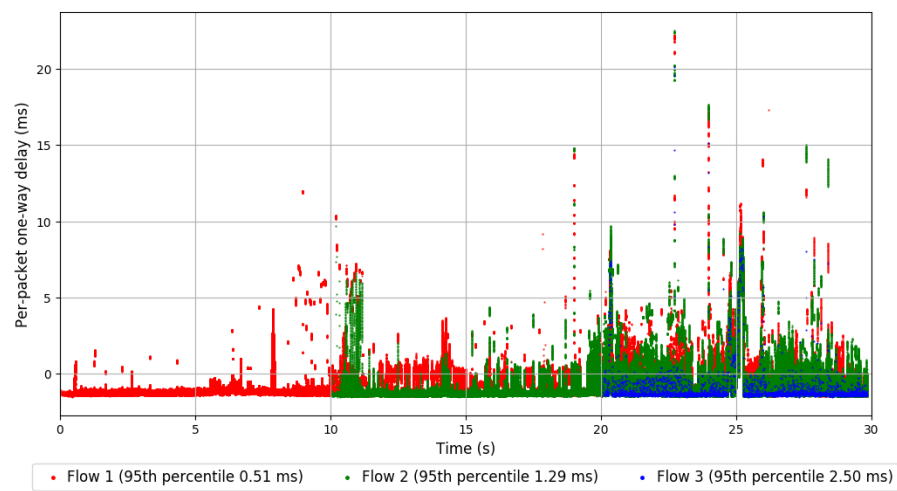
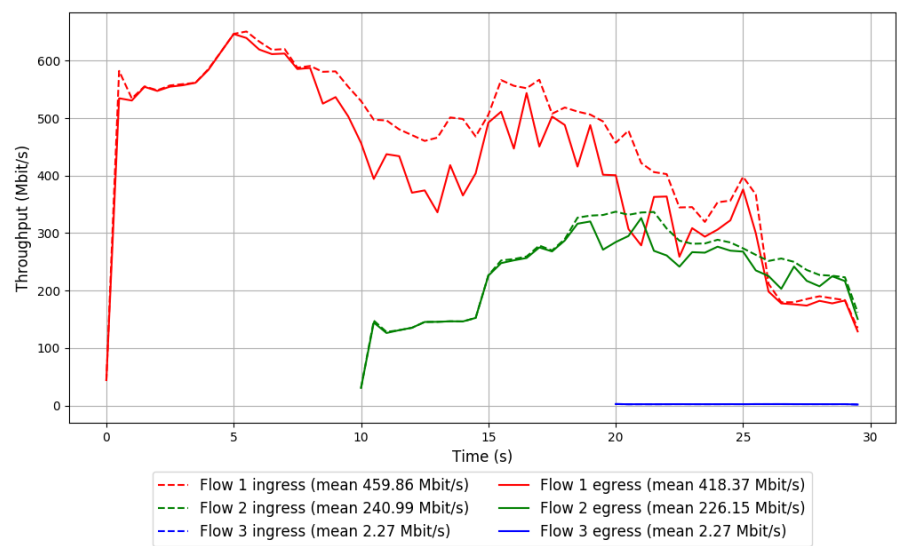
-- Flow 3:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 2.502 ms

Loss rate: 0.38%

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: Mon, 10 Jul 2017 00:05:16 +0000

End at: Mon, 10 Jul 2017 00:05:46 +0000

Local clock offset: 0.832 ms

Remote clock offset: -1.765 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:34:43 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 667.31 Mbit/s

95th percentile per-packet one-way delay: 0.384 ms

Loss rate: 7.92%

-- Flow 1:

Average throughput: 503.42 Mbit/s

95th percentile per-packet one-way delay: 0.150 ms

Loss rate: 8.89%

-- Flow 2:

Average throughput: 149.76 Mbit/s

95th percentile per-packet one-way delay: 0.617 ms

Loss rate: 1.73%

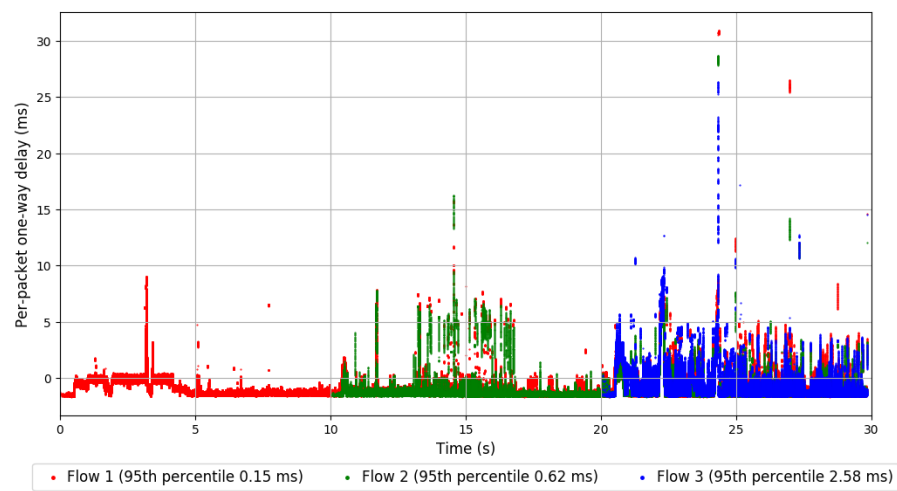
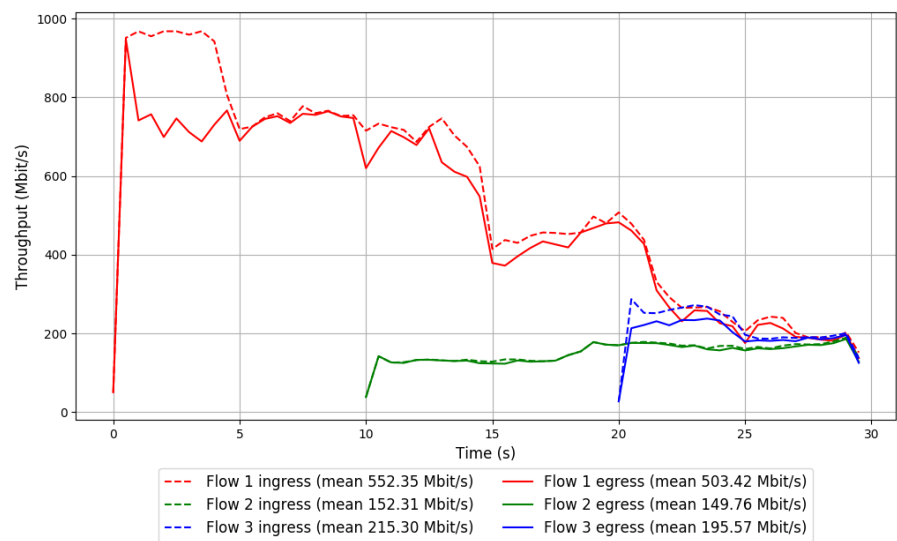
-- Flow 3:

Average throughput: 195.57 Mbit/s

95th percentile per-packet one-way delay: 2.575 ms

Loss rate: 9.20%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: Mon, 10 Jul 2017 00:26:09 +0000

End at: Mon, 10 Jul 2017 00:26:39 +0000

Local clock offset: 0.914 ms

Remote clock offset: -1.813 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:35:28 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 573.36 Mbit/s

95th percentile per-packet one-way delay: 0.080 ms

Loss rate: 6.77%

-- Flow 1:

Average throughput: 493.05 Mbit/s

95th percentile per-packet one-way delay: 0.146 ms

Loss rate: 7.69%

-- Flow 2:

Average throughput: 105.07 Mbit/s

95th percentile per-packet one-way delay: -0.362 ms

Loss rate: 0.68%

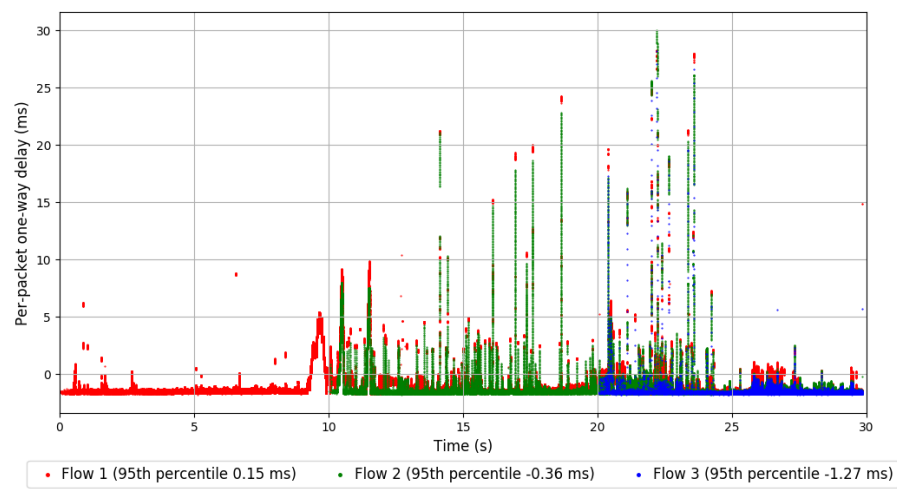
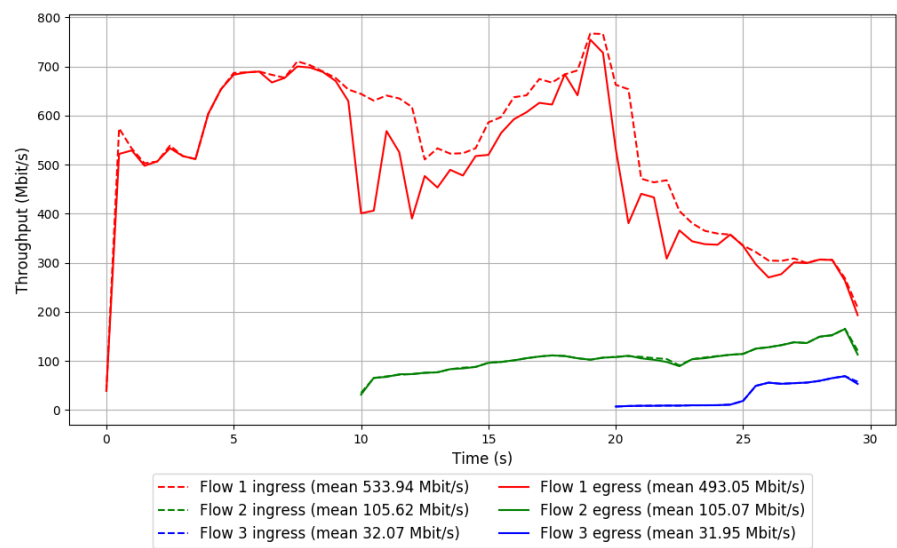
-- Flow 3:

Average throughput: 31.95 Mbit/s

95th percentile per-packet one-way delay: -1.271 ms

Loss rate: 0.64%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: Mon, 10 Jul 2017 00:46:53 +0000

End at: Mon, 10 Jul 2017 00:47:23 +0000

Local clock offset: 0.769 ms

Remote clock offset: -2.434 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:36:12 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 663.45 Mbit/s

95th percentile per-packet one-way delay: 1.144 ms

Loss rate: 6.53%

-- Flow 1:

Average throughput: 464.80 Mbit/s

95th percentile per-packet one-way delay: 0.911 ms

Loss rate: 7.74%

-- Flow 2:

Average throughput: 246.49 Mbit/s

95th percentile per-packet one-way delay: 1.159 ms

Loss rate: 3.96%

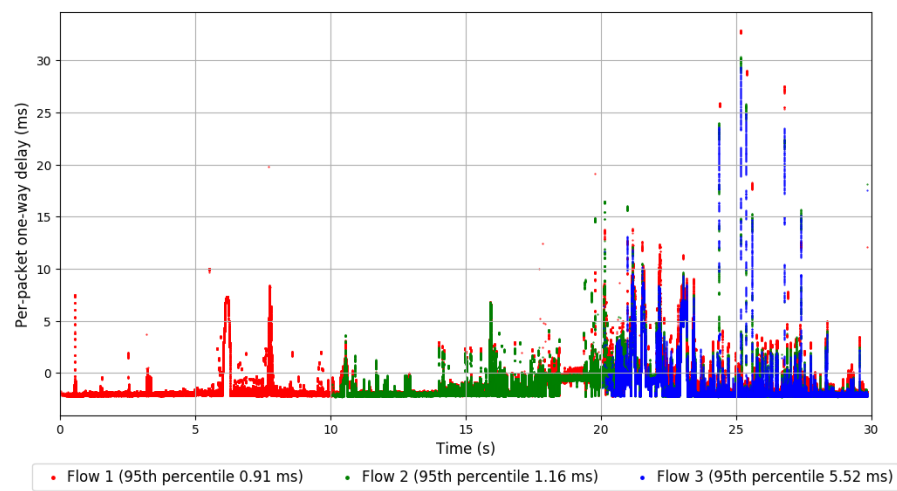
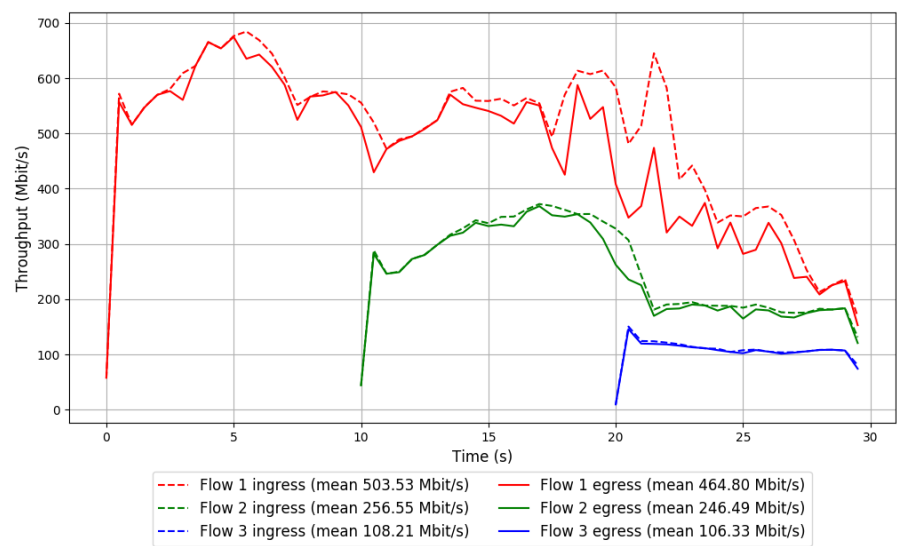
-- Flow 3:

Average throughput: 106.33 Mbit/s

95th percentile per-packet one-way delay: 5.516 ms

Loss rate: 1.83%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: Mon, 10 Jul 2017 01:07:42 +0000

End at: Mon, 10 Jul 2017 01:08:12 +0000

Local clock offset: 0.691 ms

Remote clock offset: -2.465 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:36:59 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 650.66 Mbit/s

95th percentile per-packet one-way delay: 5.477 ms

Loss rate: 10.78%

-- Flow 1:

Average throughput: 456.19 Mbit/s

95th percentile per-packet one-way delay: 5.281 ms

Loss rate: 13.14%

-- Flow 2:

Average throughput: 227.94 Mbit/s

95th percentile per-packet one-way delay: 6.026 ms

Loss rate: 5.67%

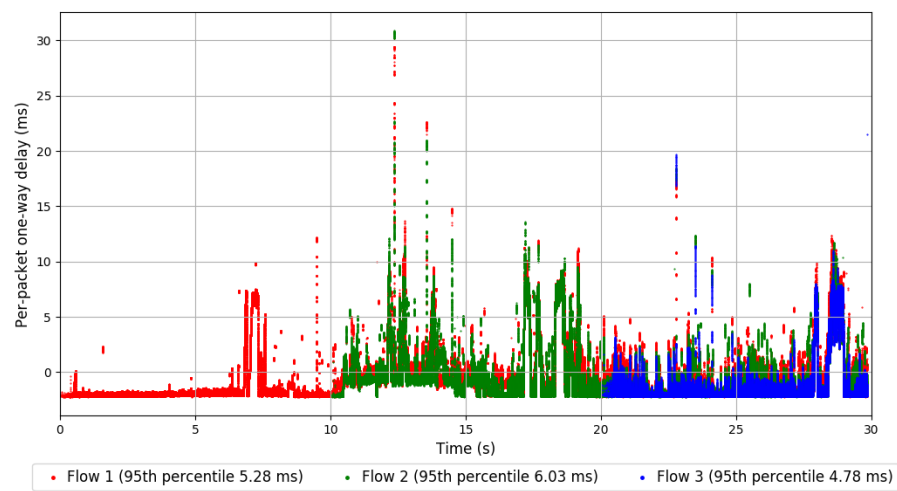
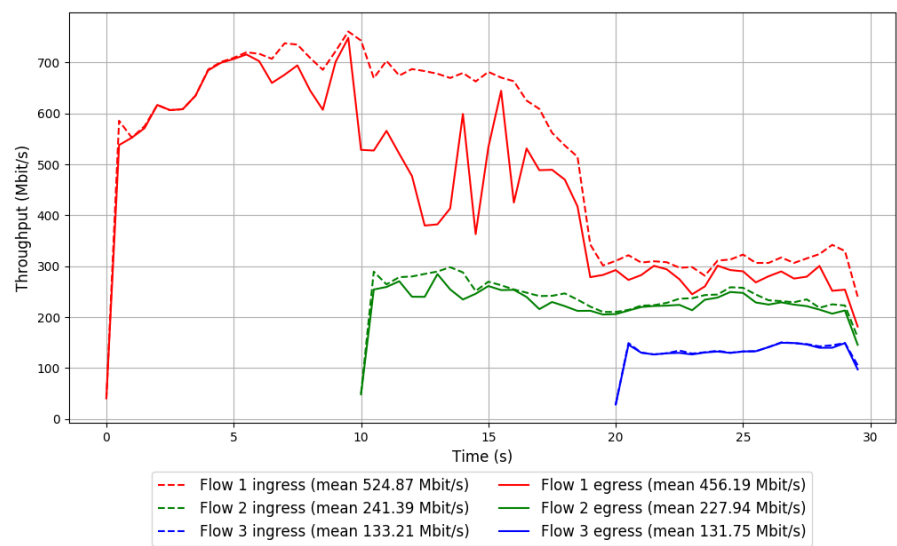
-- Flow 3:

Average throughput: 131.75 Mbit/s

95th percentile per-packet one-way delay: 4.782 ms

Loss rate: 1.15%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: Mon, 10 Jul 2017 01:28:30 +0000

End at: Mon, 10 Jul 2017 01:29:00 +0000

Local clock offset: 0.868 ms

Remote clock offset: -2.575 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:37:38 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 622.57 Mbit/s

95th percentile per-packet one-way delay: 0.645 ms

Loss rate: 6.96%

-- Flow 1:

Average throughput: 430.44 Mbit/s

95th percentile per-packet one-way delay: 0.166 ms

Loss rate: 7.62%

-- Flow 2:

Average throughput: 179.97 Mbit/s

95th percentile per-packet one-way delay: 1.003 ms

Loss rate: 3.15%

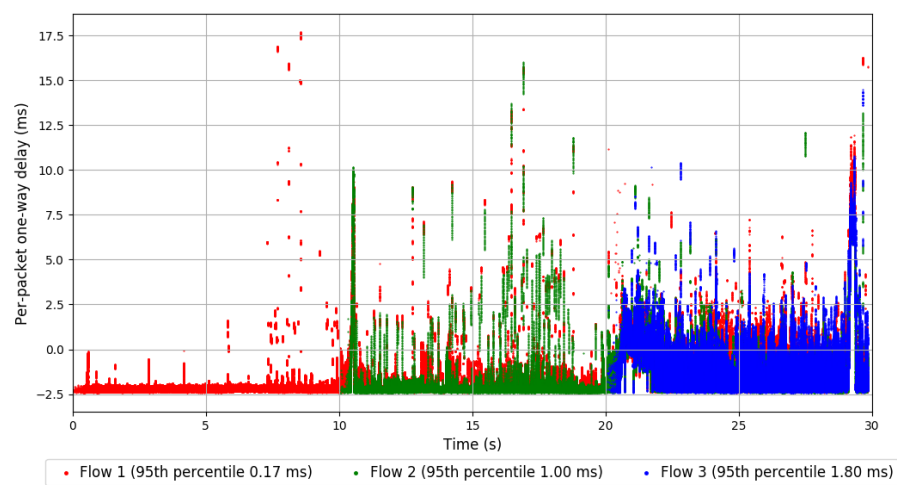
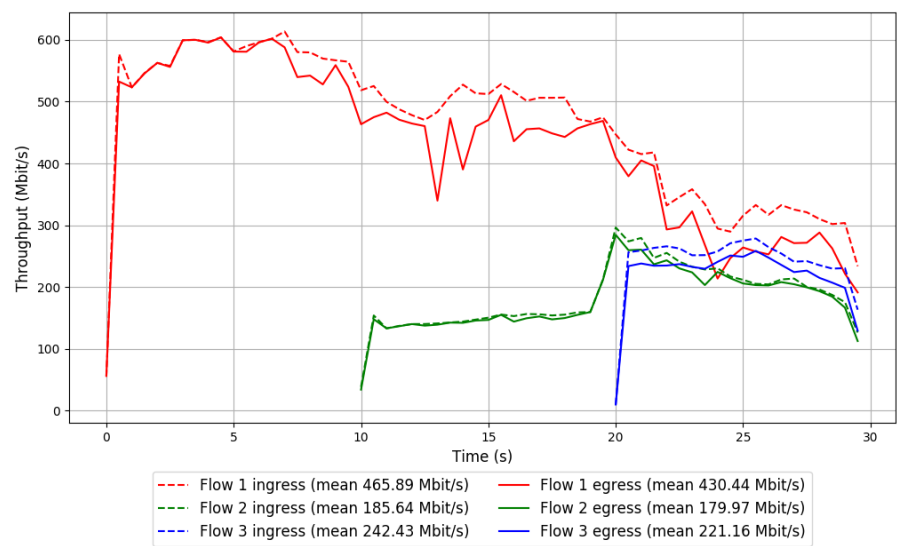
-- Flow 3:

Average throughput: 221.16 Mbit/s

95th percentile per-packet one-way delay: 1.805 ms

Loss rate: 9.01%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: Mon, 10 Jul 2017 01:49:11 +0000

End at: Mon, 10 Jul 2017 01:49:41 +0000

Local clock offset: 0.718 ms

Remote clock offset: -2.6 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:38:23 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 596.63 Mbit/s

95th percentile per-packet one-way delay: 0.050 ms

Loss rate: 6.68%

-- Flow 1:

Average throughput: 479.91 Mbit/s

95th percentile per-packet one-way delay: 0.439 ms

Loss rate: 7.93%

-- Flow 2:

Average throughput: 95.84 Mbit/s

95th percentile per-packet one-way delay: -0.558 ms

Loss rate: 1.36%

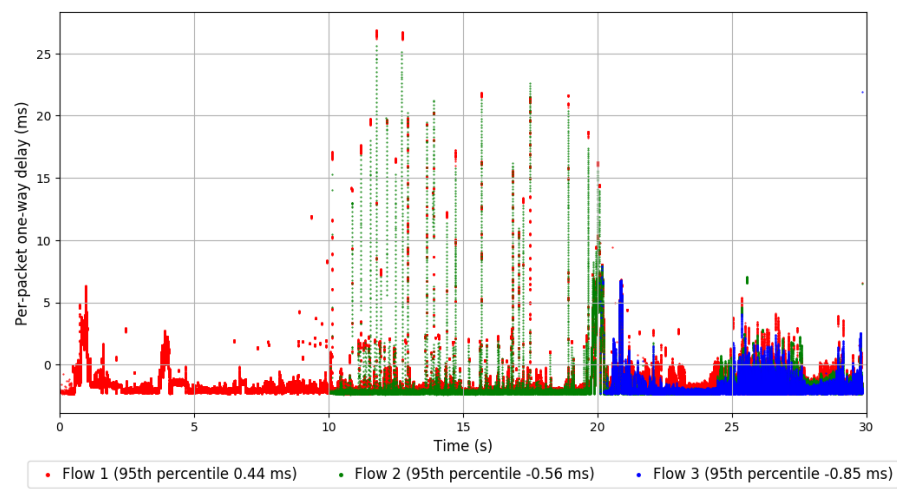
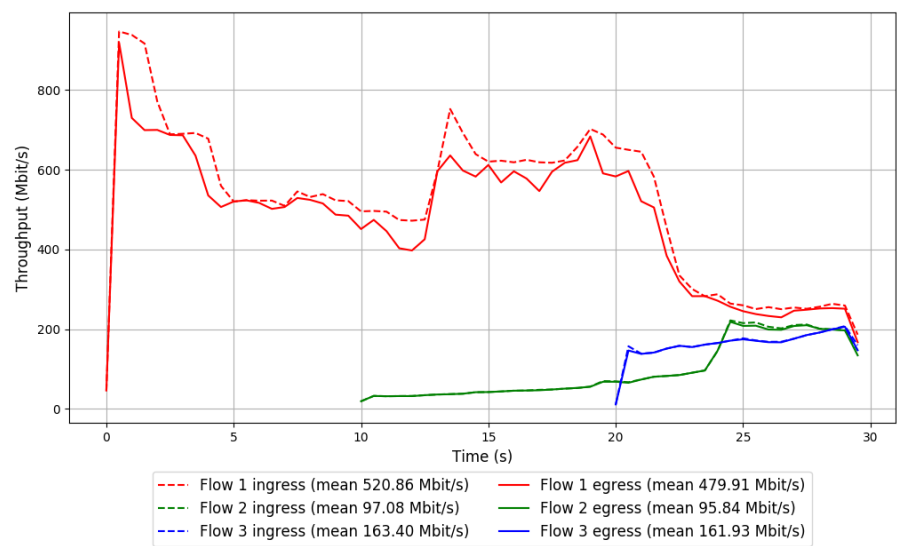
-- Flow 3:

Average throughput: 161.93 Mbit/s

95th percentile per-packet one-way delay: -0.846 ms

Loss rate: 0.97%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: Mon, 10 Jul 2017 02:10:03 +0000

End at: Mon, 10 Jul 2017 02:10:33 +0000

Local clock offset: 0.696 ms

Remote clock offset: -2.586 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:39:06 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 647.54 Mbit/s

95th percentile per-packet one-way delay: 0.490 ms

Loss rate: 9.27%

-- Flow 1:

Average throughput: 519.88 Mbit/s

95th percentile per-packet one-way delay: 0.872 ms

Loss rate: 11.00%

-- Flow 2:

Average throughput: 123.85 Mbit/s

95th percentile per-packet one-way delay: -0.396 ms

Loss rate: 1.32%

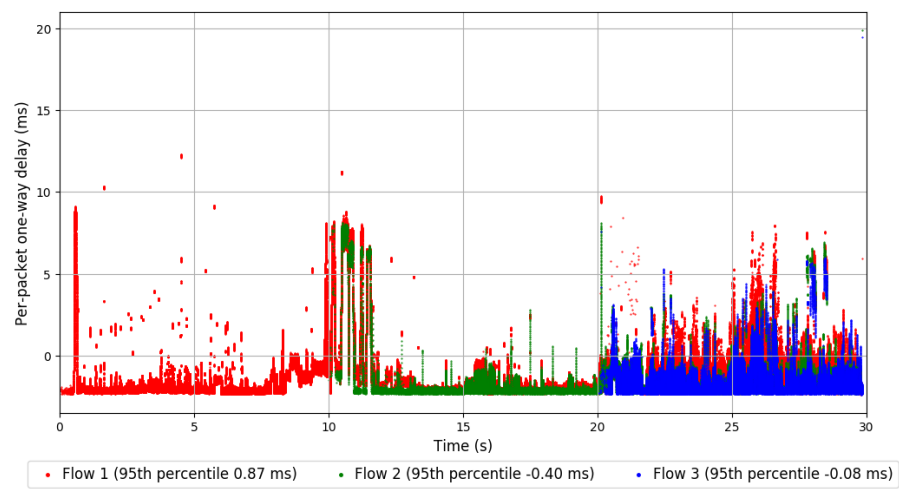
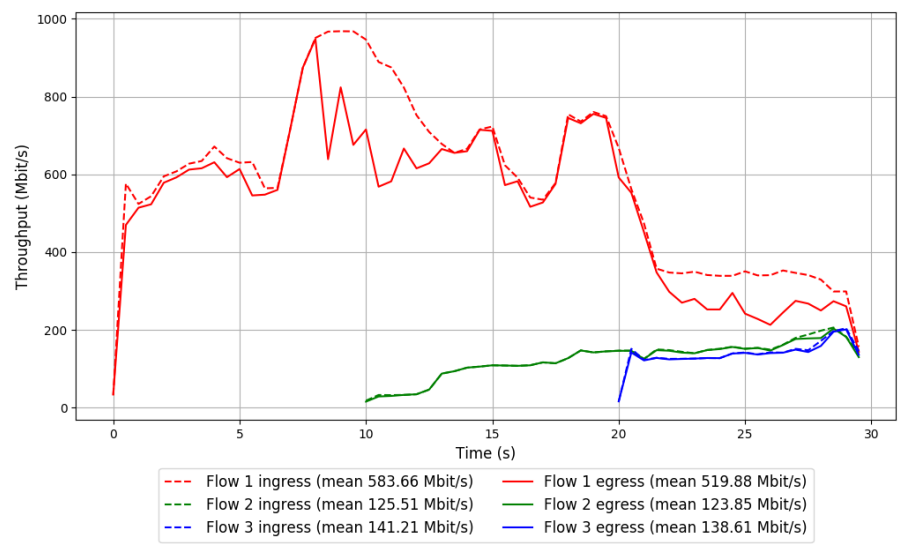
-- Flow 3:

Average throughput: 138.61 Mbit/s

95th percentile per-packet one-way delay: -0.076 ms

Loss rate: 1.84%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: Mon, 10 Jul 2017 02:30:50 +0000

End at: Mon, 10 Jul 2017 02:31:20 +0000

Local clock offset: 0.66 ms

Remote clock offset: -2.537 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:39:48 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 604.35 Mbit/s

95th percentile per-packet one-way delay: 2.194 ms

Loss rate: 8.90%

-- Flow 1:

Average throughput: 471.26 Mbit/s

95th percentile per-packet one-way delay: 2.669 ms

Loss rate: 10.86%

-- Flow 2:

Average throughput: 141.96 Mbit/s

95th percentile per-packet one-way delay: 2.814 ms

Loss rate: 1.22%

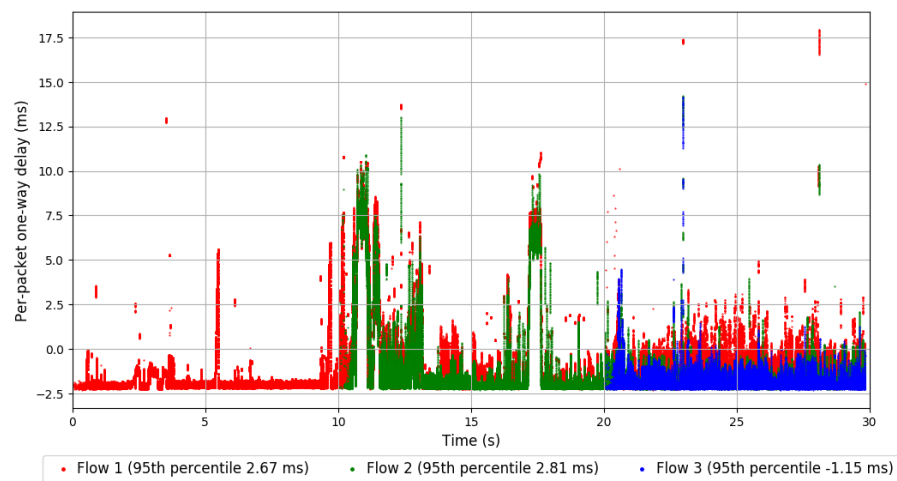
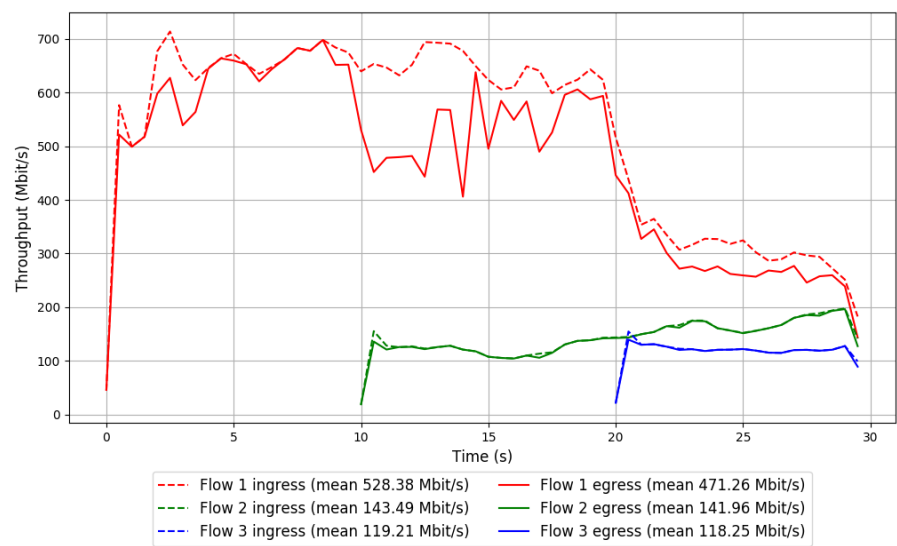
-- Flow 3:

Average throughput: 118.25 Mbit/s

95th percentile per-packet one-way delay: -1.152 ms

Loss rate: 1.13%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: Mon, 10 Jul 2017 02:51:35 +0000

End at: Mon, 10 Jul 2017 02:52:05 +0000

Local clock offset: 0.647 ms

Remote clock offset: -2.413 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:40:54 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 647.32 Mbit/s

95th percentile per-packet one-way delay: 0.451 ms

Loss rate: 11.12%

-- Flow 1:

Average throughput: 440.63 Mbit/s

95th percentile per-packet one-way delay: 0.409 ms

Loss rate: 13.79%

-- Flow 2:

Average throughput: 230.70 Mbit/s

95th percentile per-packet one-way delay: 0.815 ms

Loss rate: 5.88%

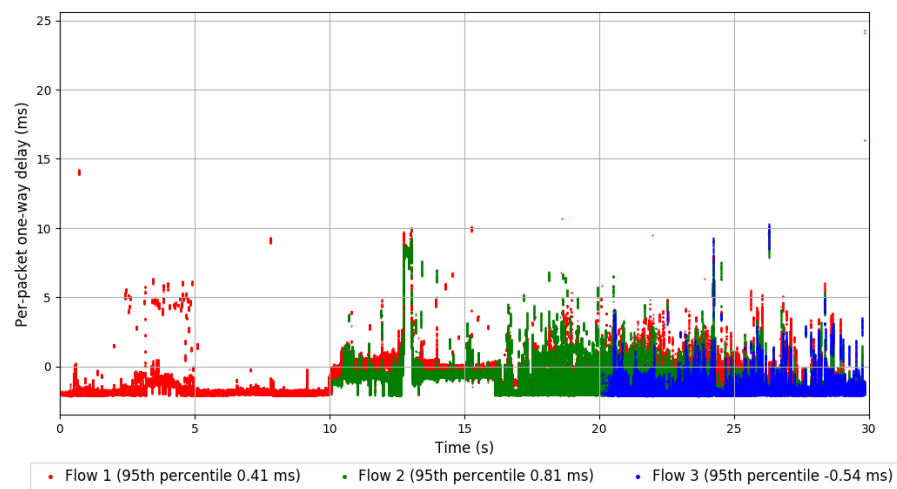
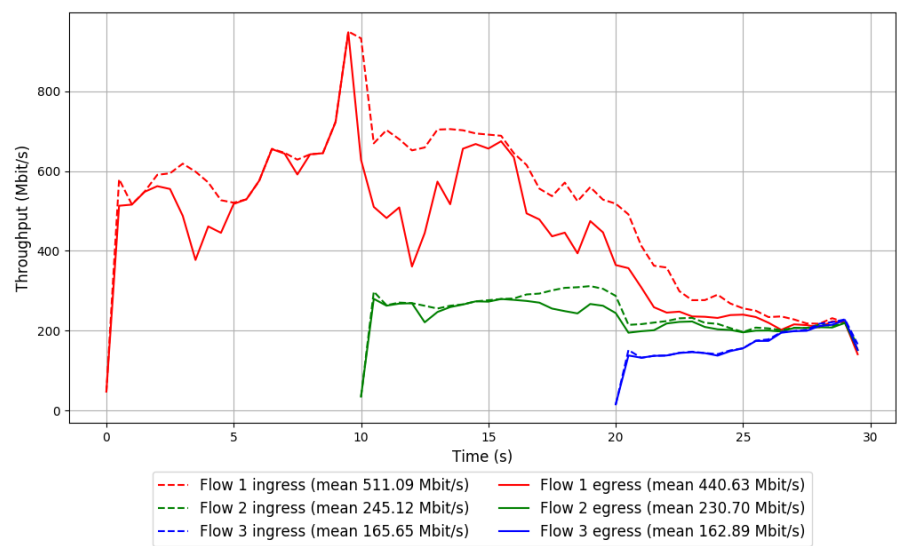
-- Flow 3:

Average throughput: 162.89 Mbit/s

95th percentile per-packet one-way delay: -0.535 ms

Loss rate: 1.79%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: Sun, 09 Jul 2017 23:27:56 +0000

End at: Sun, 09 Jul 2017 23:28:26 +0000

Local clock offset: 0.673 ms

Remote clock offset: -1.743 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:40:54 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 49.04 Mbit/s

95th percentile per-packet one-way delay: -1.128 ms

Loss rate: 0.06%

-- Flow 1:

Average throughput: 68.10 Mbit/s

95th percentile per-packet one-way delay: -1.125 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 67.90 Mbit/s

95th percentile per-packet one-way delay: -1.126 ms

Loss rate: 0.06%

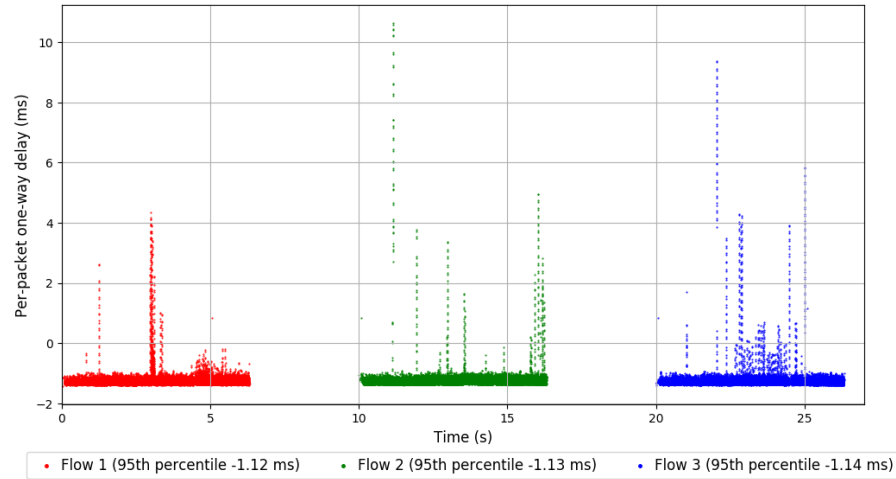
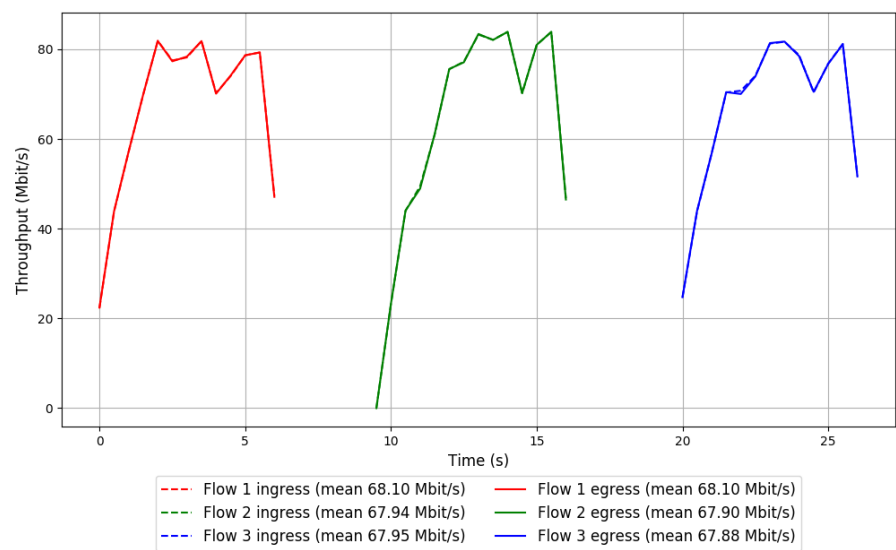
-- Flow 3:

Average throughput: 67.88 Mbit/s

95th percentile per-packet one-way delay: -1.136 ms

Loss rate: 0.10%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

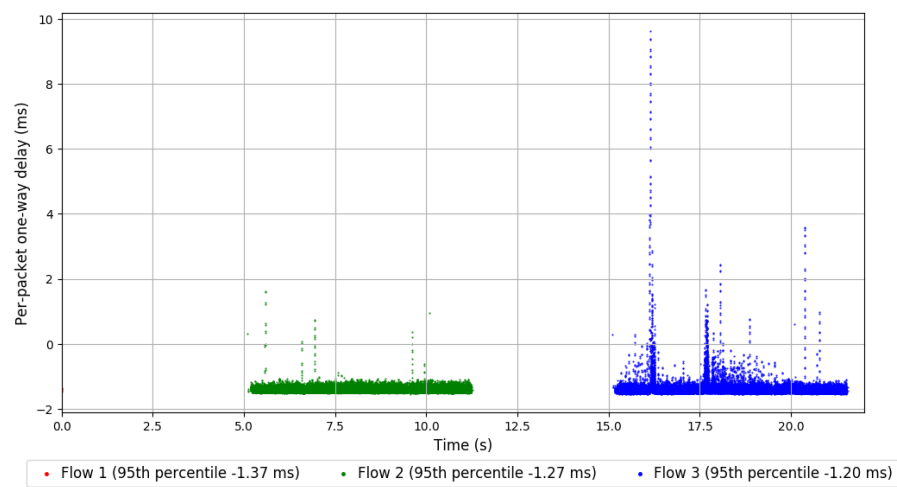
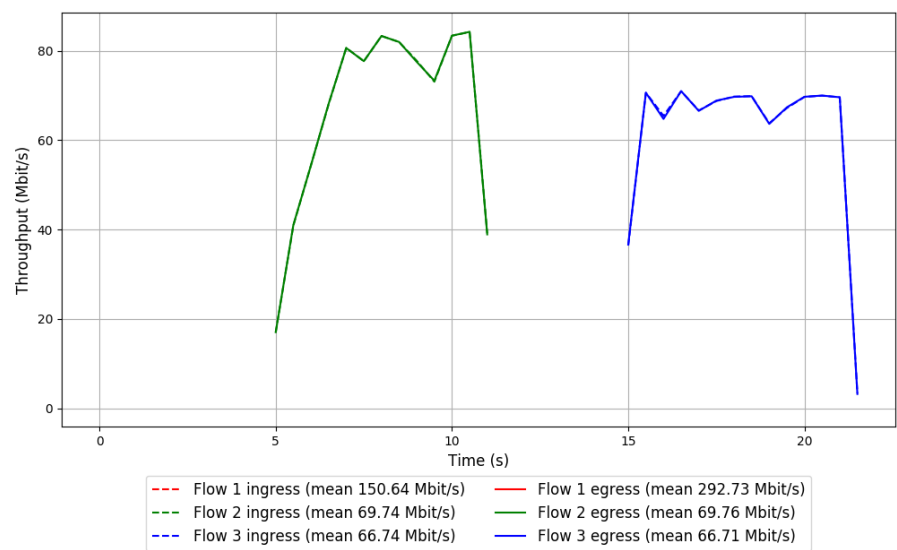
Start at: Sun, 09 Jul 2017 23:48:38 +0000

End at: Sun, 09 Jul 2017 23:49:08 +0000

Local clock offset: 0.77 ms

Remote clock offset: -1.774 ms

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

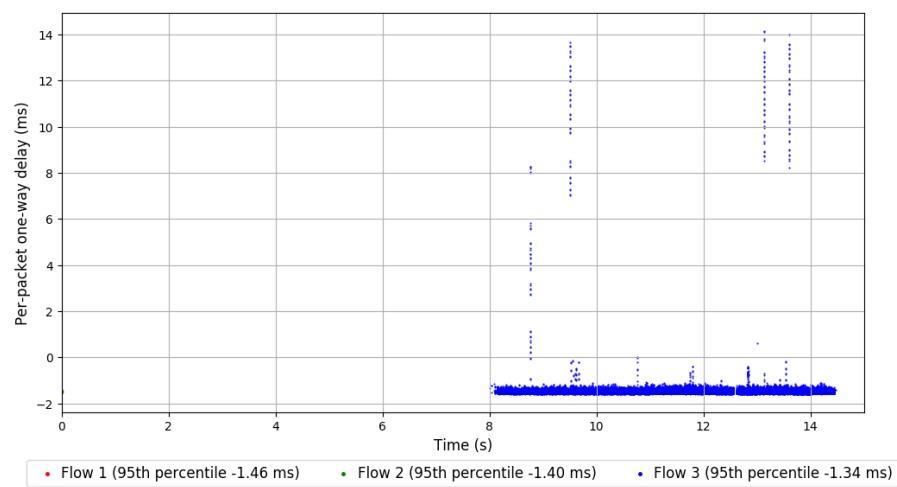
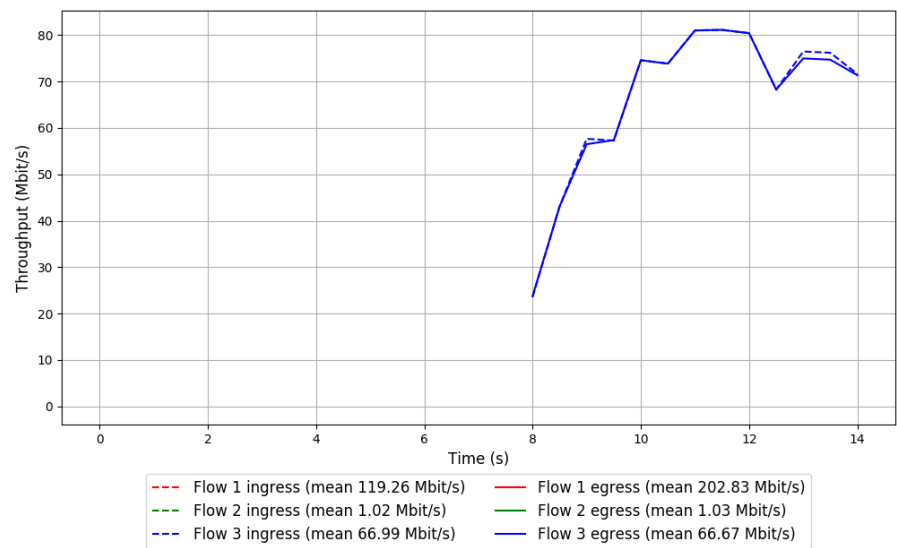
Start at: Mon, 10 Jul 2017 00:09:27 +0000

End at: Mon, 10 Jul 2017 00:09:57 +0000

Local clock offset: 0.77 ms

Remote clock offset: -1.793 ms

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

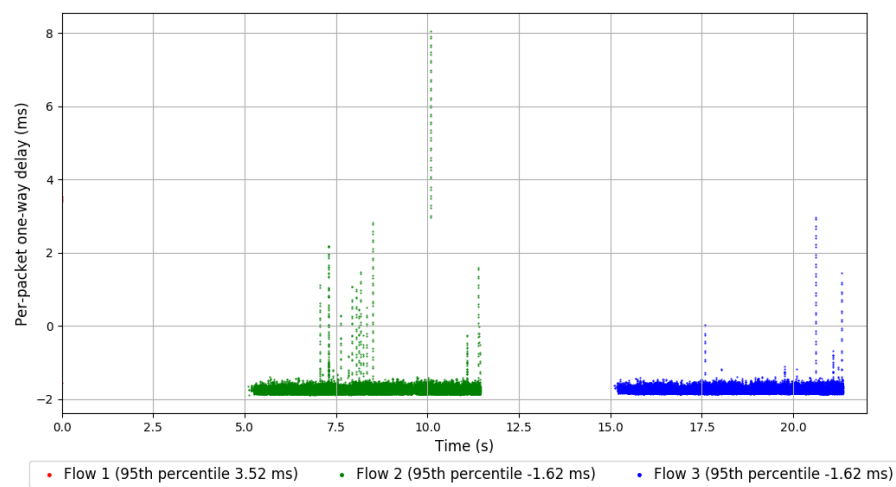
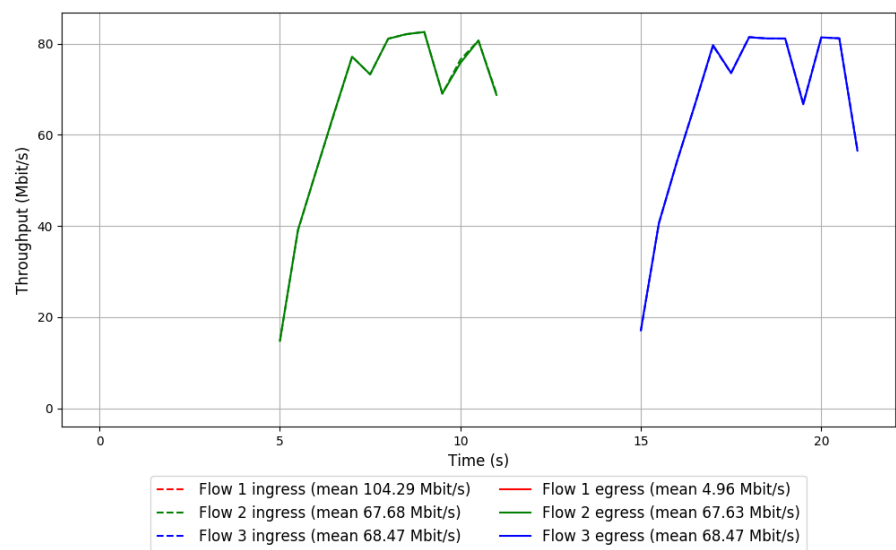
Start at: Mon, 10 Jul 2017 00:30:13 +0000

End at: Mon, 10 Jul 2017 00:30:43 +0000

Local clock offset: 0.926 ms

Remote clock offset: -1.972 ms

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: Mon, 10 Jul 2017 00:51:07 +0000

End at: Mon, 10 Jul 2017 00:51:37 +0000

Local clock offset: 0.822 ms

Remote clock offset: -2.518 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:40:54 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 49.78 Mbit/s

95th percentile per-packet one-way delay: -2.076 ms

Loss rate: 0.06%

-- Flow 1:

Average throughput: 69.09 Mbit/s

95th percentile per-packet one-way delay: -2.066 ms

Loss rate: 0.08%

-- Flow 2:

Average throughput: 61.91 Mbit/s

95th percentile per-packet one-way delay: -2.066 ms

Loss rate: 0.04%

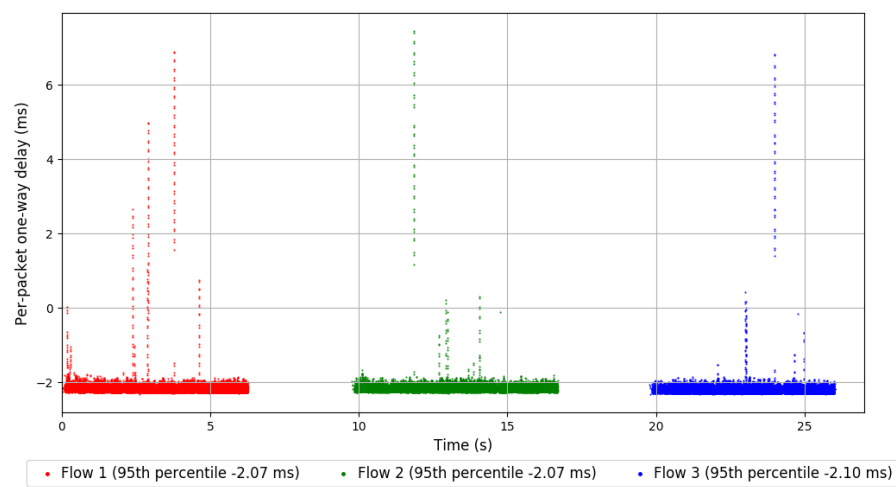
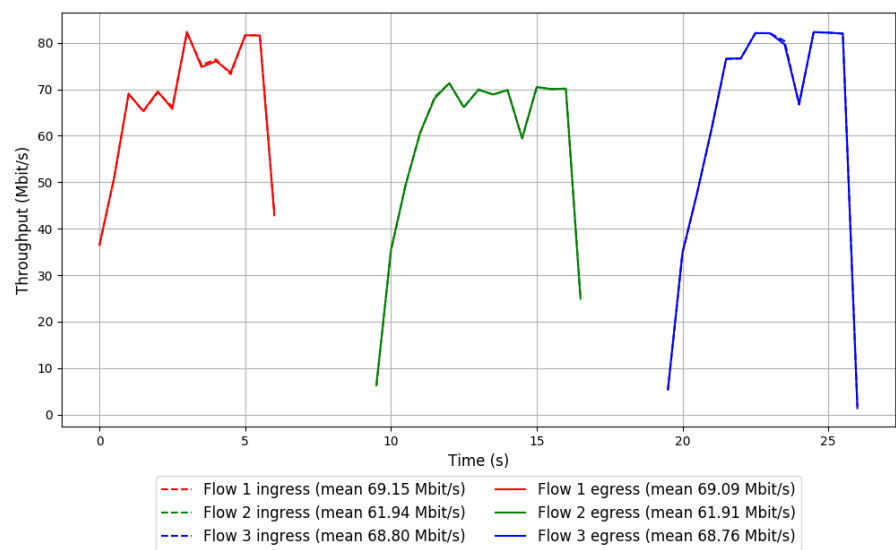
-- Flow 3:

Average throughput: 68.76 Mbit/s

95th percentile per-packet one-way delay: -2.103 ms

Loss rate: 0.06%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: Mon, 10 Jul 2017 01:11:51 +0000

End at: Mon, 10 Jul 2017 01:12:21 +0000

Local clock offset: 0.799 ms

Remote clock offset: -2.486 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:40:54 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 49.58 Mbit/s

95th percentile per-packet one-way delay: -2.000 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 62.53 Mbit/s

95th percentile per-packet one-way delay: -1.998 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 67.10 Mbit/s

95th percentile per-packet one-way delay: -1.985 ms

Loss rate: 0.02%

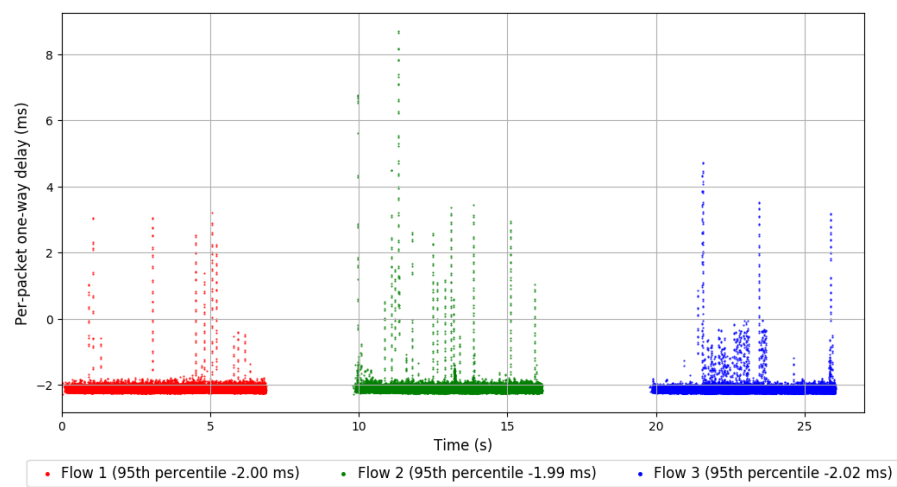
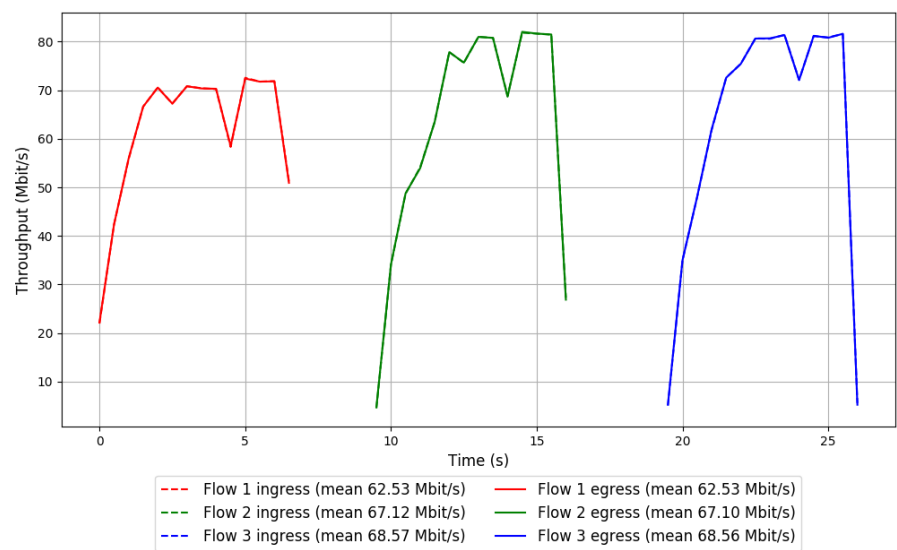
-- Flow 3:

Average throughput: 68.56 Mbit/s

95th percentile per-packet one-way delay: -2.022 ms

Loss rate: 0.00%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

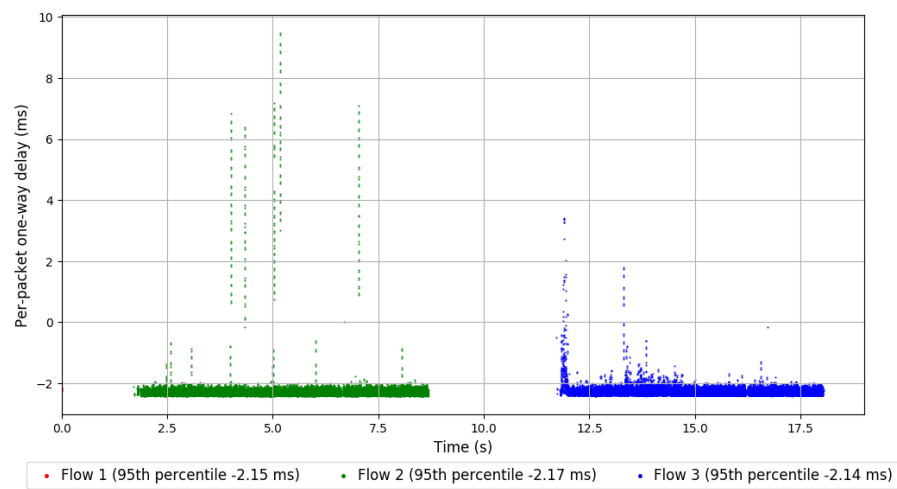
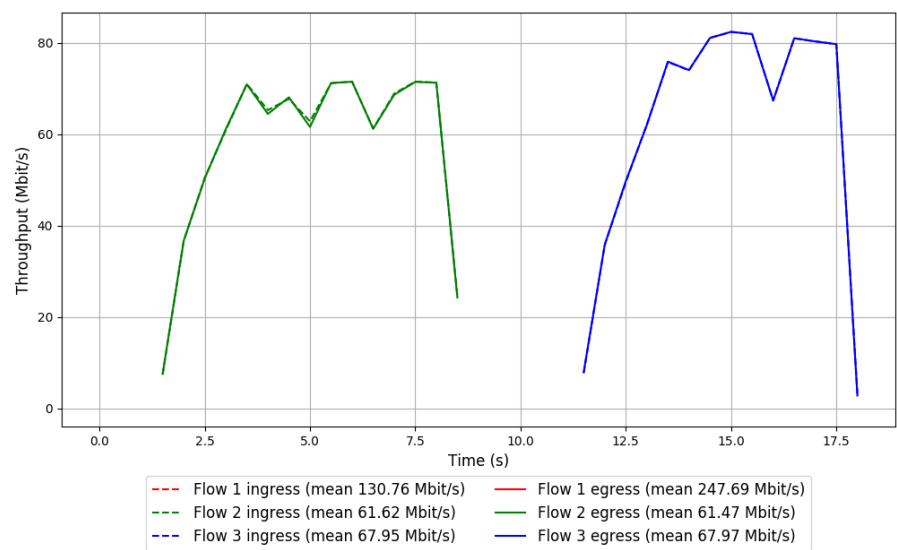
Start at: Mon, 10 Jul 2017 01:32:39 +0000

End at: Mon, 10 Jul 2017 01:33:09 +0000

Local clock offset: 0.786 ms

Remote clock offset: -2.582 ms

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: Mon, 10 Jul 2017 01:53:24 +0000

End at: Mon, 10 Jul 2017 01:53:54 +0000

Local clock offset: 0.691 ms

Remote clock offset: -2.604 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:40:54 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 49.31 Mbit/s

95th percentile per-packet one-way delay: -2.090 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 69.10 Mbit/s

95th percentile per-packet one-way delay: -2.084 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 61.74 Mbit/s

95th percentile per-packet one-way delay: -2.108 ms

Loss rate: 0.00%

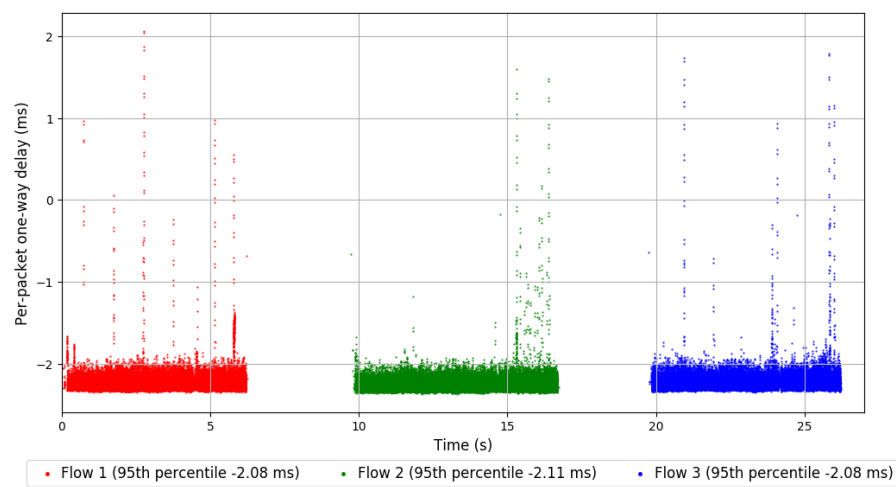
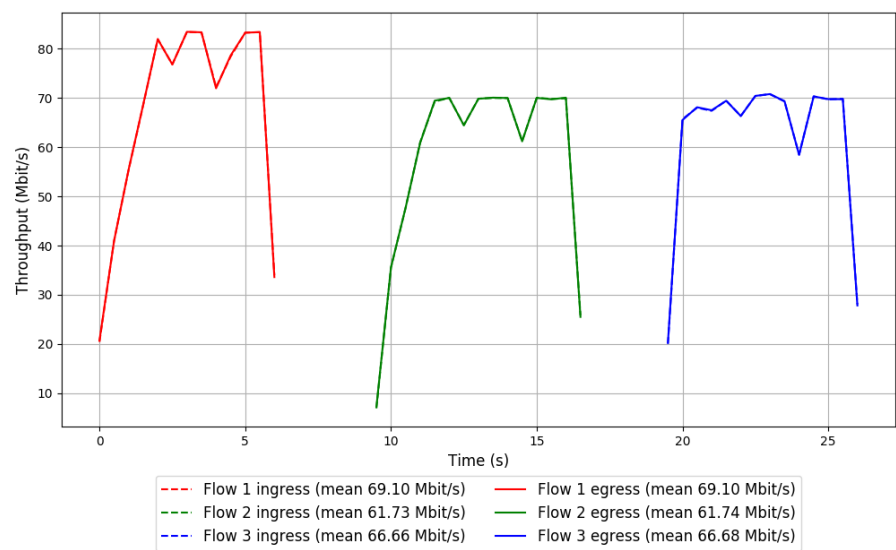
-- Flow 3:

Average throughput: 66.68 Mbit/s

95th percentile per-packet one-way delay: -2.079 ms

Loss rate: 0.00%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: Mon, 10 Jul 2017 02:14:13 +0000

End at: Mon, 10 Jul 2017 02:14:43 +0000

Local clock offset: 0.651 ms

Remote clock offset: -2.647 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:40:54 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 48.10 Mbit/s

95th percentile per-packet one-way delay: -2.087 ms

Loss rate: 0.03%

-- Flow 1:

Average throughput: 62.91 Mbit/s

95th percentile per-packet one-way delay: -2.099 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 69.43 Mbit/s

95th percentile per-packet one-way delay: -2.084 ms

Loss rate: 0.08%

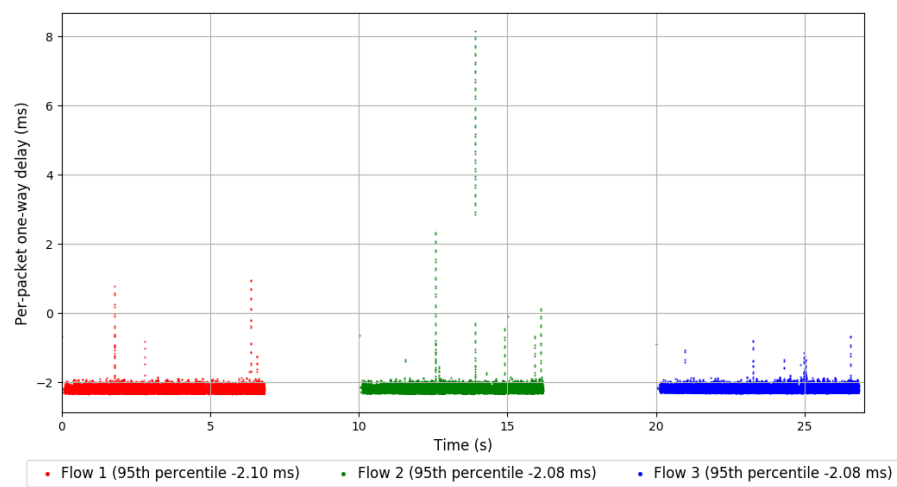
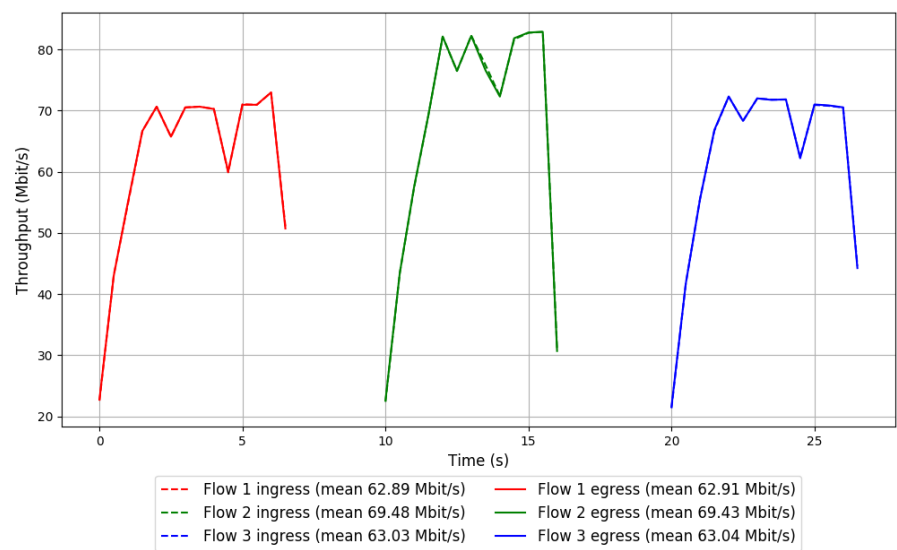
-- Flow 3:

Average throughput: 63.04 Mbit/s

95th percentile per-packet one-way delay: -2.079 ms

Loss rate: 0.00%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

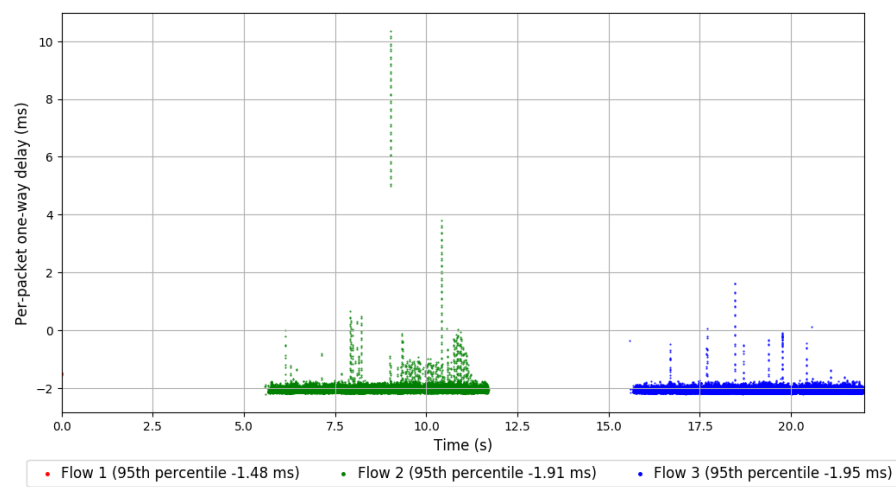
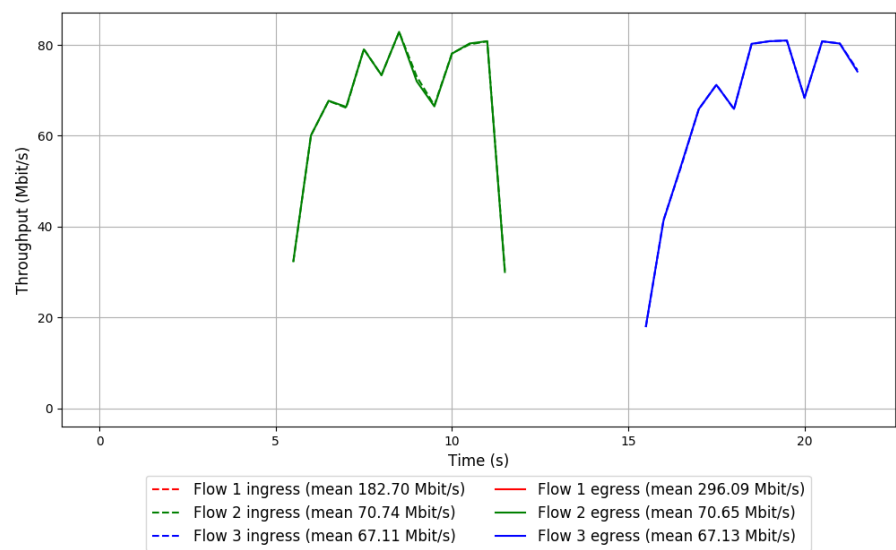
Start at: Mon, 10 Jul 2017 02:35:00 +0000

End at: Mon, 10 Jul 2017 02:35:30 +0000

Local clock offset: 0.745 ms

Remote clock offset: -2.368 ms

Run 10: Report of QUIC Cubic — Data Link



Run 1: Statistics of Saturator

Start at: Sun, 09 Jul 2017 23:33:51 +0000

End at: Sun, 09 Jul 2017 23:34:21 +0000

Local clock offset: 0.727 ms

Remote clock offset: -1.594 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:41:25 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 235.01 Mbit/s

95th percentile per-packet one-way delay: -0.737 ms

Loss rate: 0.66%

-- Flow 1:

Average throughput: 117.86 Mbit/s

95th percentile per-packet one-way delay: -0.846 ms

Loss rate: 0.62%

-- Flow 2:

Average throughput: 117.02 Mbit/s

95th percentile per-packet one-way delay: -0.460 ms

Loss rate: 0.83%

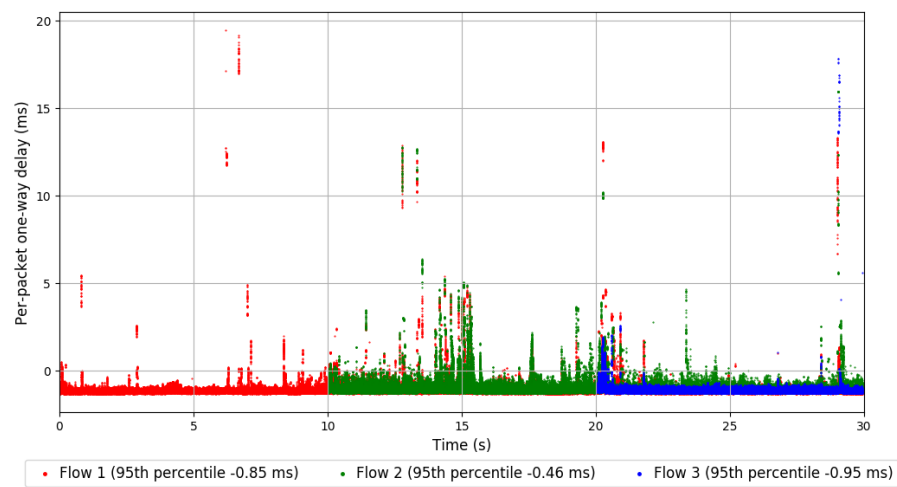
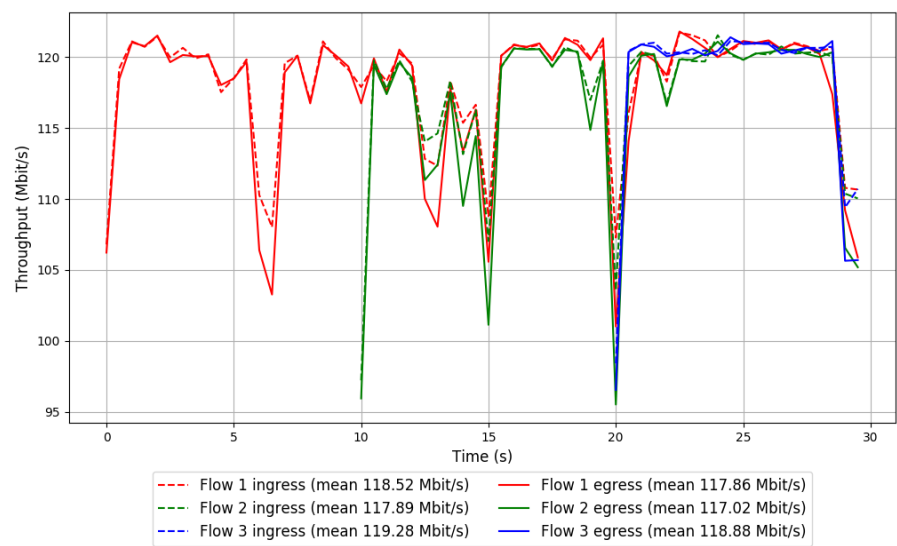
-- Flow 3:

Average throughput: 118.88 Mbit/s

95th percentile per-packet one-way delay: -0.954 ms

Loss rate: 0.46%

Run 1: Report of Saturator — Data Link



Run 2: Statistics of Saturator

Start at: Sun, 09 Jul 2017 23:54:32 +0000

End at: Sun, 09 Jul 2017 23:55:02 +0000

Local clock offset: 0.712 ms

Remote clock offset: -1.833 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:41:26 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 234.28 Mbit/s

95th percentile per-packet one-way delay: -0.903 ms

Loss rate: 0.66%

-- Flow 1:

Average throughput: 117.80 Mbit/s

95th percentile per-packet one-way delay: -1.072 ms

Loss rate: 0.54%

-- Flow 2:

Average throughput: 117.97 Mbit/s

95th percentile per-packet one-way delay: -1.230 ms

Loss rate: 0.55%

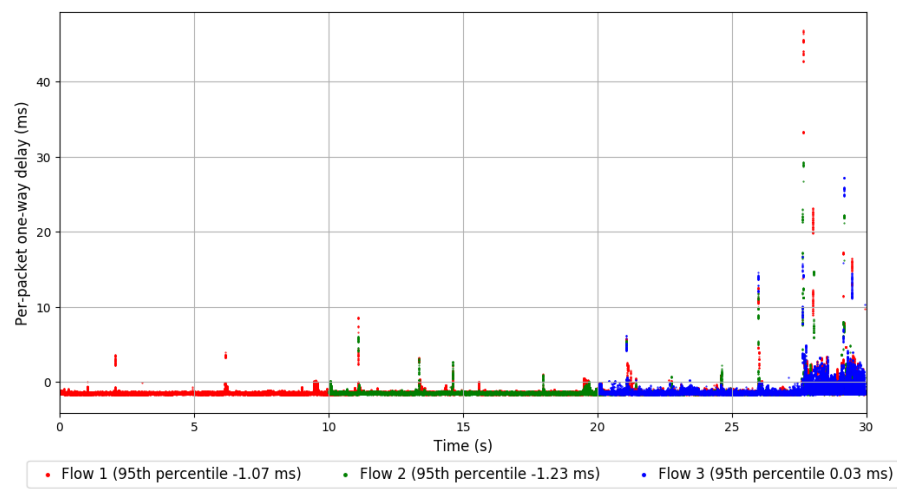
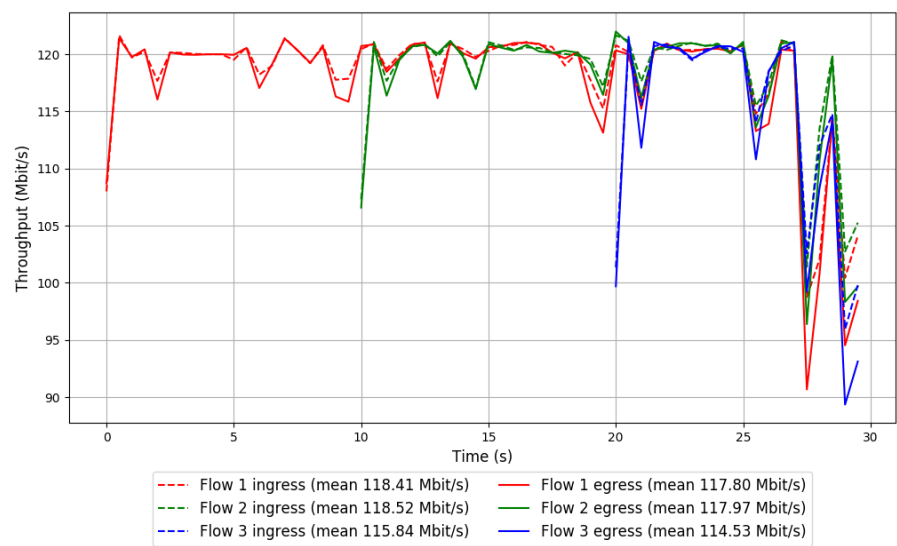
-- Flow 3:

Average throughput: 114.53 Mbit/s

95th percentile per-packet one-way delay: 0.026 ms

Loss rate: 1.22%

Run 2: Report of Saturator — Data Link



Run 3: Statistics of Saturator

Start at: Mon, 10 Jul 2017 00:15:26 +0000

End at: Mon, 10 Jul 2017 00:15:56 +0000

Local clock offset: 0.807 ms

Remote clock offset: -1.782 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:41:59 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 233.78 Mbit/s

95th percentile per-packet one-way delay: -0.467 ms

Loss rate: 0.76%

-- Flow 1:

Average throughput: 117.28 Mbit/s

95th percentile per-packet one-way delay: -0.694 ms

Loss rate: 0.73%

-- Flow 2:

Average throughput: 116.64 Mbit/s

95th percentile per-packet one-way delay: -0.256 ms

Loss rate: 0.79%

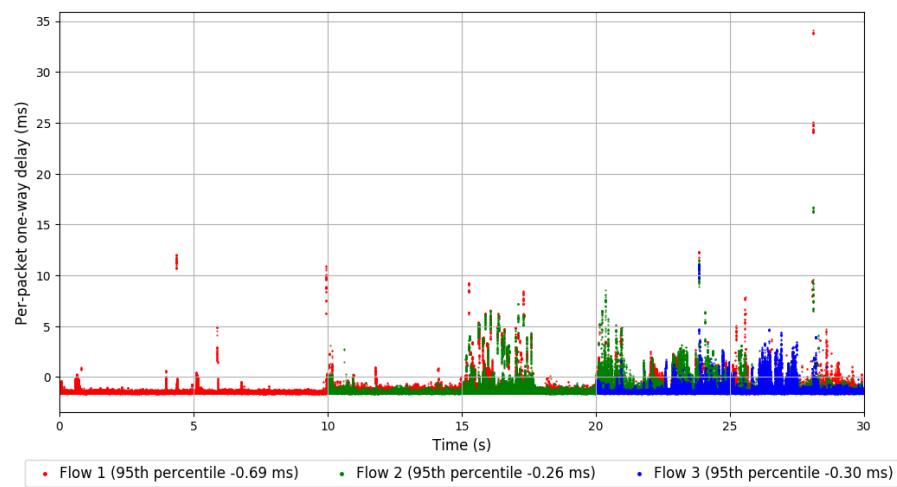
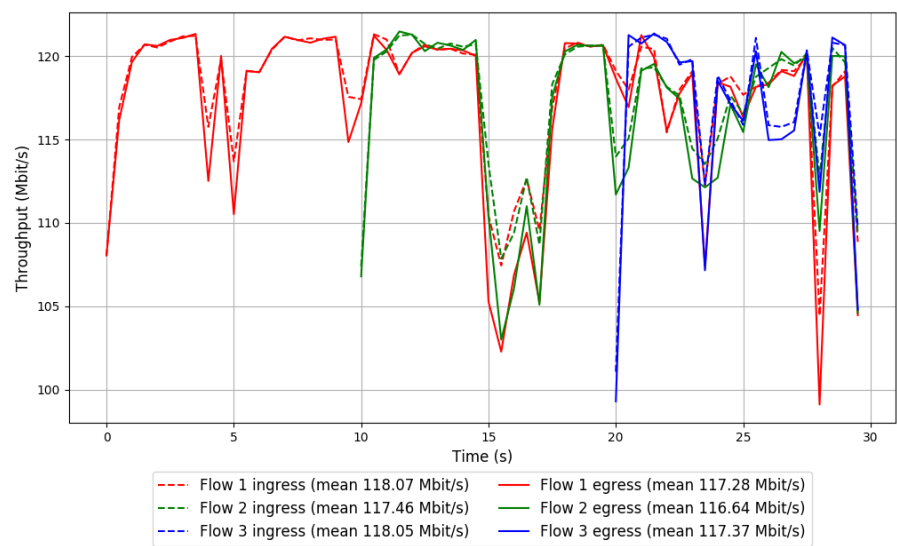
-- Flow 3:

Average throughput: 117.37 Mbit/s

95th percentile per-packet one-way delay: -0.302 ms

Loss rate: 0.76%

Run 3: Report of Saturator — Data Link



Run 4: Statistics of Saturator

Start at: Mon, 10 Jul 2017 00:36:08 +0000

End at: Mon, 10 Jul 2017 00:36:38 +0000

Local clock offset: 0.93 ms

Remote clock offset: -2.11 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:41:59 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 237.32 Mbit/s

95th percentile per-packet one-way delay: -1.532 ms

Loss rate: 0.43%

-- Flow 1:

Average throughput: 118.20 Mbit/s

95th percentile per-packet one-way delay: -1.406 ms

Loss rate: 0.50%

-- Flow 2:

Average throughput: 119.35 Mbit/s

95th percentile per-packet one-way delay: -1.629 ms

Loss rate: 0.40%

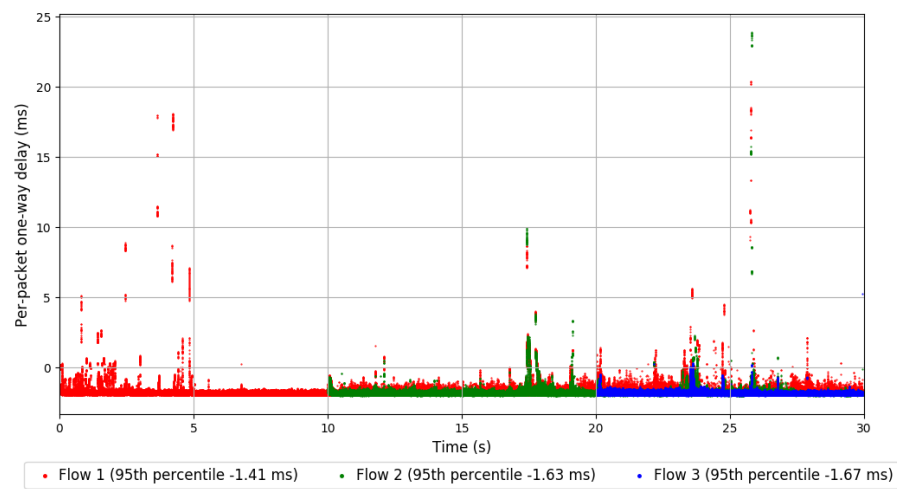
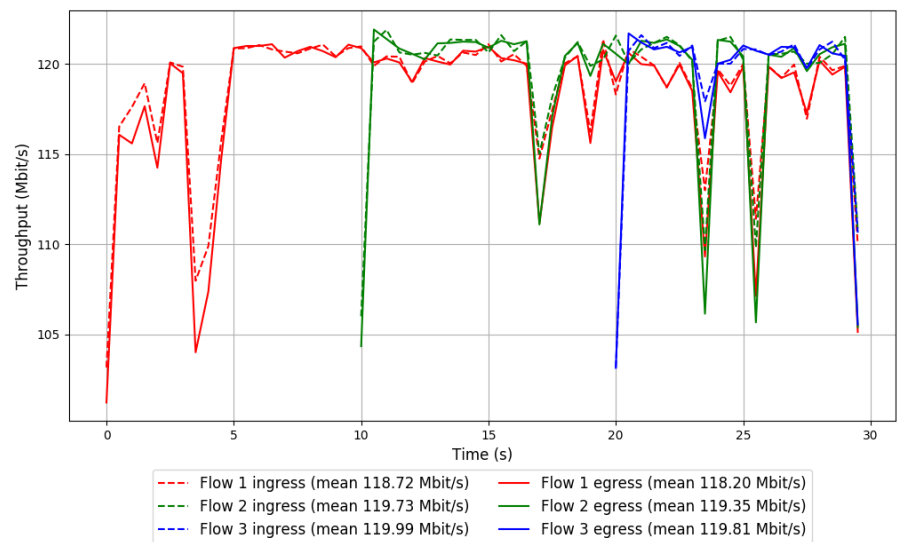
-- Flow 3:

Average throughput: 119.81 Mbit/s

95th percentile per-packet one-way delay: -1.669 ms

Loss rate: 0.27%

Run 4: Report of Saturator — Data Link



Run 5: Statistics of Saturator

Start at: Mon, 10 Jul 2017 00:57:01 +0000

End at: Mon, 10 Jul 2017 00:57:31 +0000

Local clock offset: 0.704 ms

Remote clock offset: -2.485 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:42:30 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 238.48 Mbit/s

95th percentile per-packet one-way delay: -1.740 ms

Loss rate: 0.26%

-- Flow 1:

Average throughput: 119.66 Mbit/s

95th percentile per-packet one-way delay: -1.777 ms

Loss rate: 0.19%

-- Flow 2:

Average throughput: 118.97 Mbit/s

95th percentile per-packet one-way delay: -1.614 ms

Loss rate: 0.35%

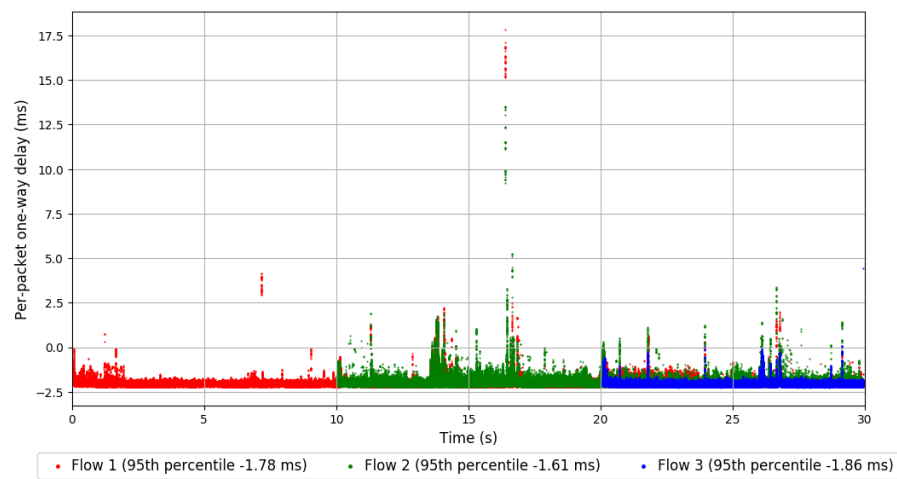
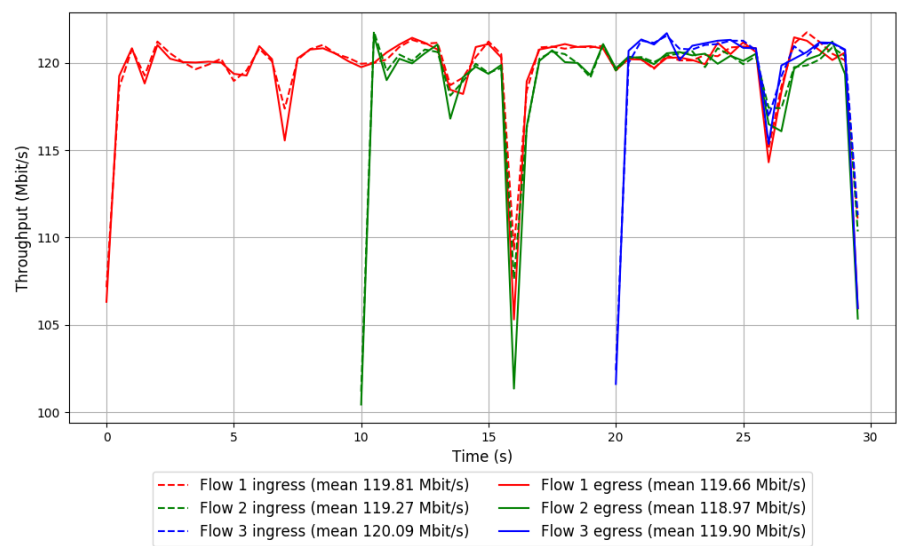
-- Flow 3:

Average throughput: 119.90 Mbit/s

95th percentile per-packet one-way delay: -1.863 ms

Loss rate: 0.29%

Run 5: Report of Saturator — Data Link



Run 6: Statistics of Saturator

Start at: Mon, 10 Jul 2017 01:17:44 +0000

End at: Mon, 10 Jul 2017 01:18:14 +0000

Local clock offset: 0.75 ms

Remote clock offset: -2.504 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:42:32 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 236.72 Mbit/s

95th percentile per-packet one-way delay: -1.679 ms

Loss rate: 0.41%

-- Flow 1:

Average throughput: 118.51 Mbit/s

95th percentile per-packet one-way delay: -1.554 ms

Loss rate: 0.38%

-- Flow 2:

Average throughput: 118.62 Mbit/s

95th percentile per-packet one-way delay: -1.785 ms

Loss rate: 0.43%

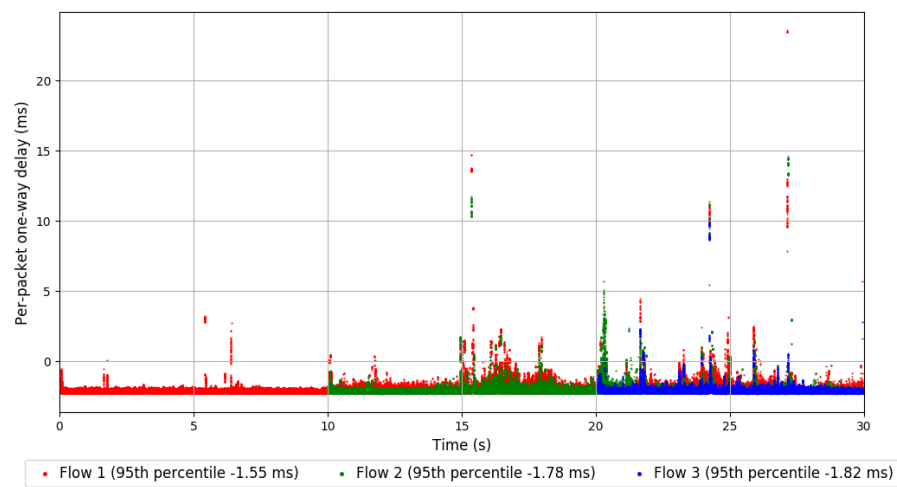
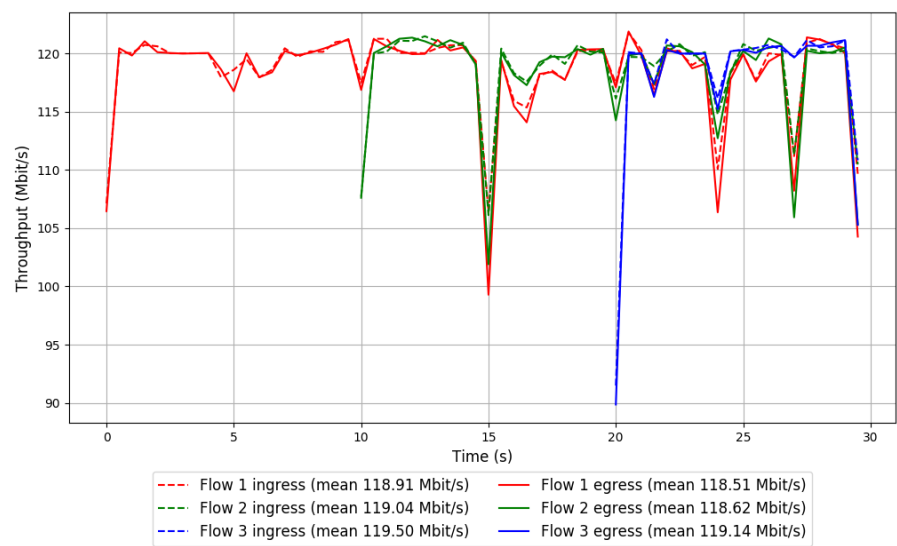
-- Flow 3:

Average throughput: 119.14 Mbit/s

95th percentile per-packet one-way delay: -1.825 ms

Loss rate: 0.45%

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Mon, 10 Jul 2017 01:38:37 +0000

End at: Mon, 10 Jul 2017 01:39:07 +0000

Local clock offset: 0.82 ms

Remote clock offset: -2.497 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:43:03 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 232.56 Mbit/s

95th percentile per-packet one-way delay: -1.615 ms

Loss rate: 0.88%

-- Flow 1:

Average throughput: 117.00 Mbit/s

95th percentile per-packet one-way delay: -1.642 ms

Loss rate: 0.71%

-- Flow 2:

Average throughput: 116.25 Mbit/s

95th percentile per-packet one-way delay: -1.636 ms

Loss rate: 0.99%

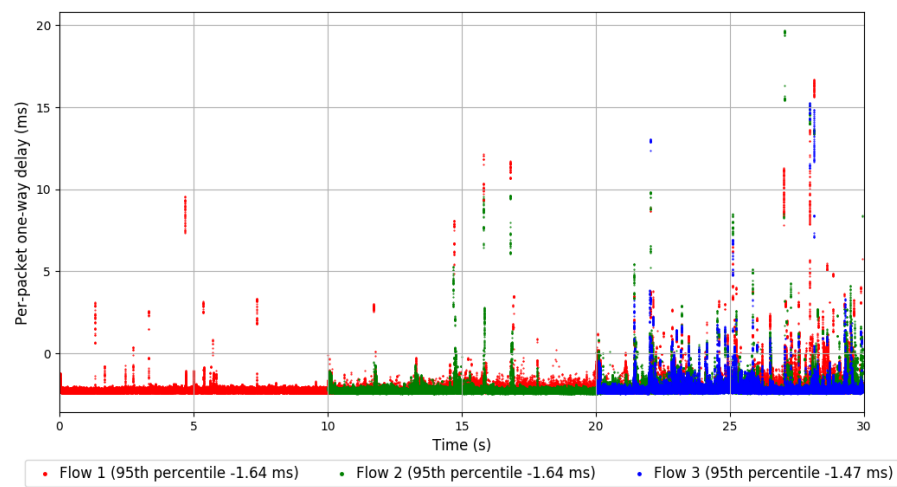
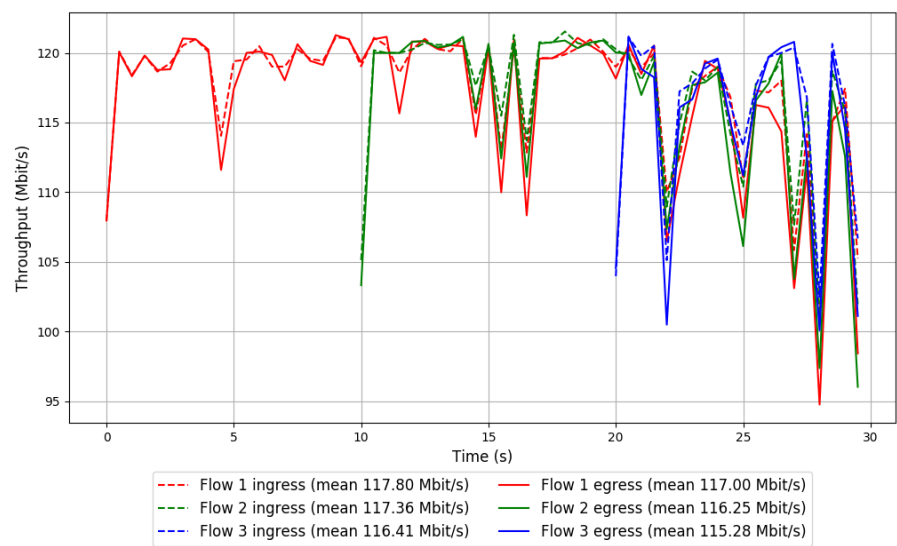
-- Flow 3:

Average throughput: 115.28 Mbit/s

95th percentile per-packet one-way delay: -1.466 ms

Loss rate: 1.17%

Run 7: Report of Saturator — Data Link



Run 8: Statistics of Saturator

Start at: Mon, 10 Jul 2017 01:59:20 +0000

End at: Mon, 10 Jul 2017 01:59:50 +0000

Local clock offset: 0.687 ms

Remote clock offset: -2.624 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:43:05 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 227.47 Mbit/s

95th percentile per-packet one-way delay: -1.088 ms

Loss rate: 1.49%

-- Flow 1:

Average throughput: 115.11 Mbit/s

95th percentile per-packet one-way delay: -1.307 ms

Loss rate: 1.18%

-- Flow 2:

Average throughput: 112.96 Mbit/s

95th percentile per-packet one-way delay: -0.746 ms

Loss rate: 1.88%

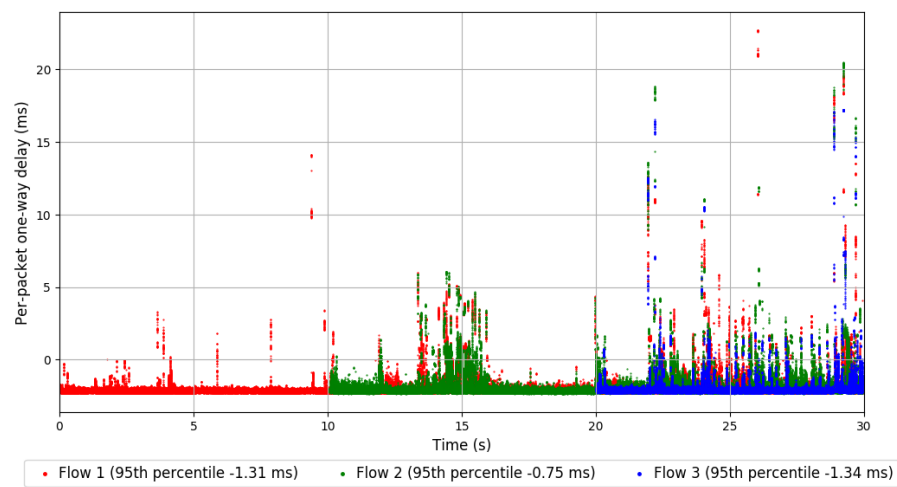
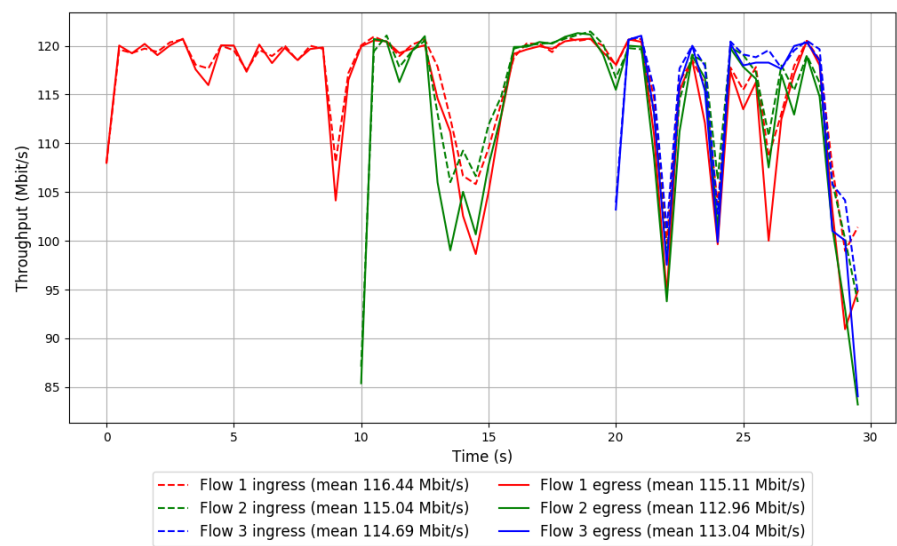
-- Flow 3:

Average throughput: 113.04 Mbit/s

95th percentile per-packet one-way delay: -1.336 ms

Loss rate: 1.64%

Run 8: Report of Saturator — Data Link



Run 9: Statistics of Saturator

Start at: Mon, 10 Jul 2017 02:20:07 +0000

End at: Mon, 10 Jul 2017 02:20:37 +0000

Local clock offset: 0.649 ms

Remote clock offset: -2.64 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:43:35 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 228.03 Mbit/s

95th percentile per-packet one-way delay: -1.109 ms

Loss rate: 1.40%

-- Flow 1:

Average throughput: 114.83 Mbit/s

95th percentile per-packet one-way delay: -1.407 ms

Loss rate: 1.36%

-- Flow 2:

Average throughput: 112.54 Mbit/s

95th percentile per-packet one-way delay: -1.002 ms

Loss rate: 1.67%

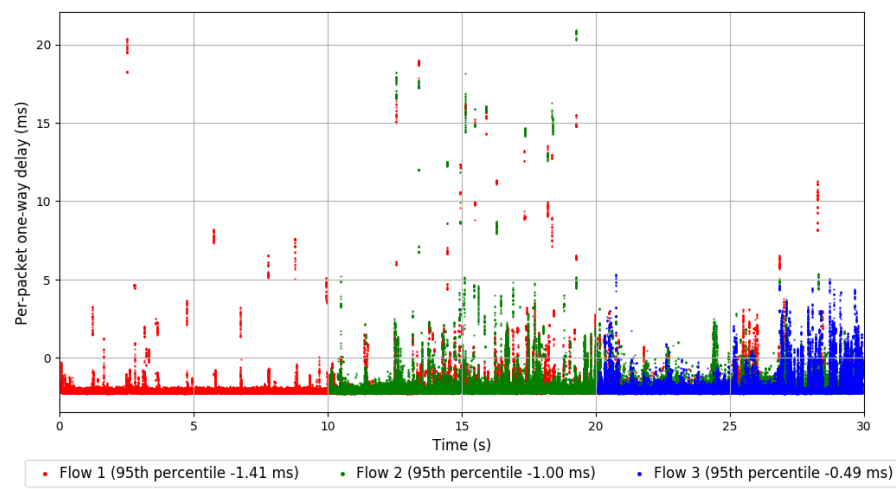
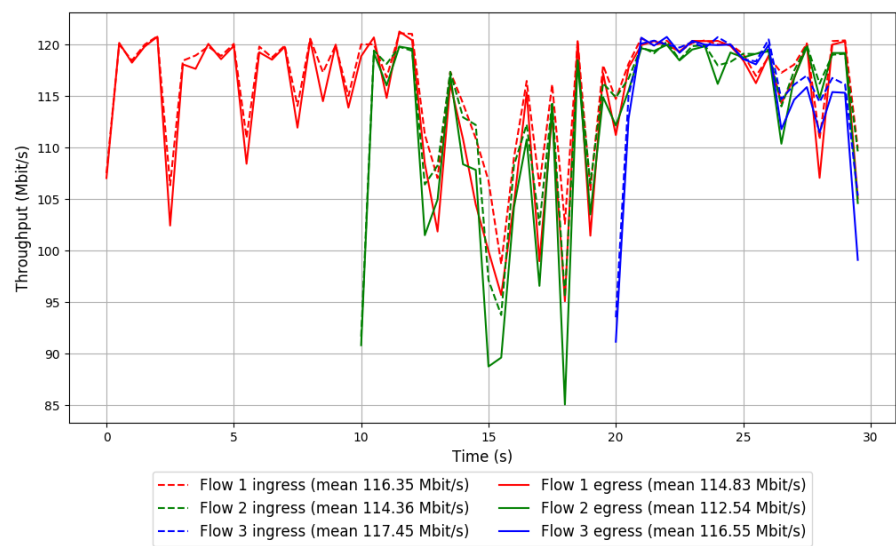
-- Flow 3:

Average throughput: 116.55 Mbit/s

95th percentile per-packet one-way delay: -0.491 ms

Loss rate: 0.96%

Run 9: Report of Saturator — Data Link



Run 10: Statistics of Saturator

Start at: Mon, 10 Jul 2017 02:40:55 +0000

End at: Mon, 10 Jul 2017 02:41:25 +0000

Local clock offset: 0.736 ms

Remote clock offset: -2.422 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:43:40 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 237.72 Mbit/s

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

Loss rate: 0.32%

-- Flow 1:

Average throughput: 118.72 Mbit/s

95th percentile per-packet one-way delay: -1.601 ms

Loss rate: 0.34%

-- Flow 2:

Average throughput: 119.18 Mbit/s

95th percentile per-packet one-way delay: -1.491 ms

Loss rate: 0.30%

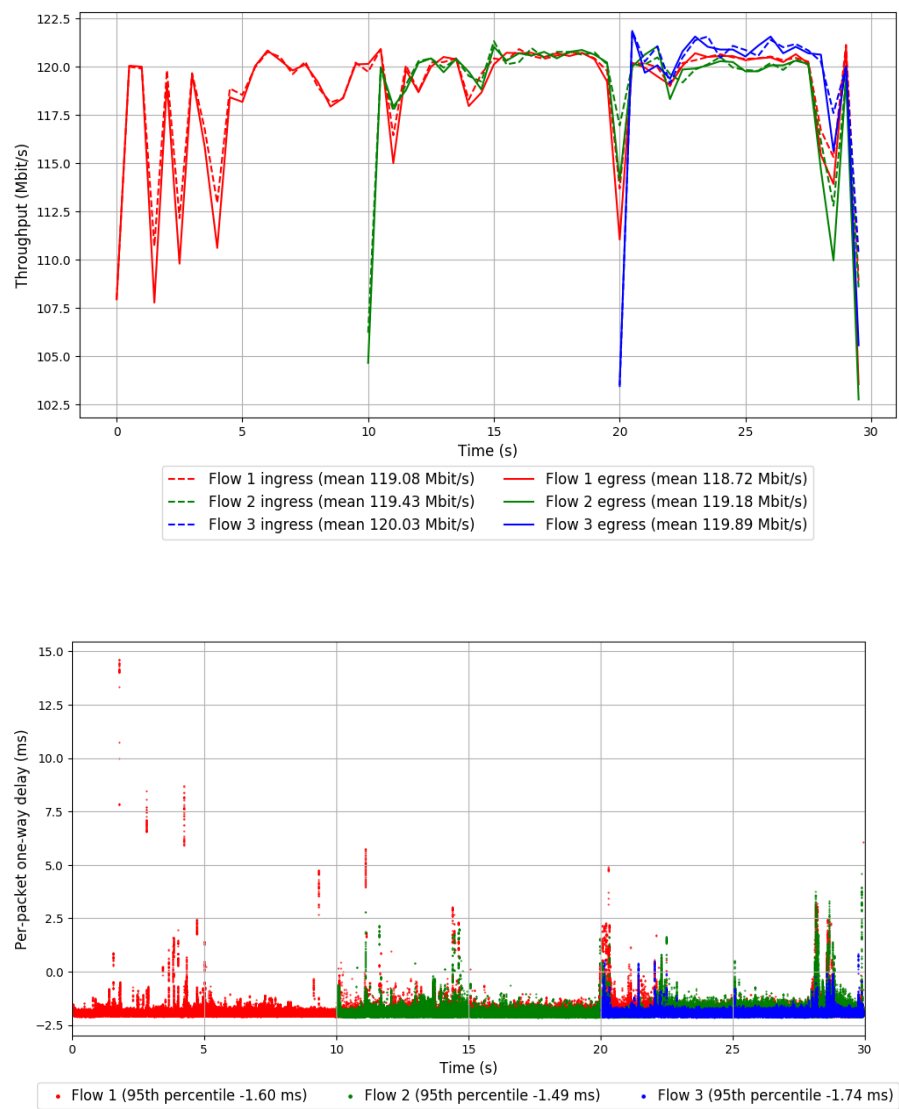
-- Flow 3:

Average throughput: 119.89 Mbit/s

95th percentile per-packet one-way delay: -1.743 ms

Loss rate: 0.31%

Run 10: Report of Saturator — Data Link



Run 1: Statistics of SCReAM

Start at: Sun, 09 Jul 2017 23:35:17 +0000

End at: Sun, 09 Jul 2017 23:35:47 +0000

Local clock offset: 0.777 ms

Remote clock offset: -1.638 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:43:40 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: -0.906 ms

Loss rate: 0.06%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: -0.900 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: -0.914 ms

Loss rate: 0.00%

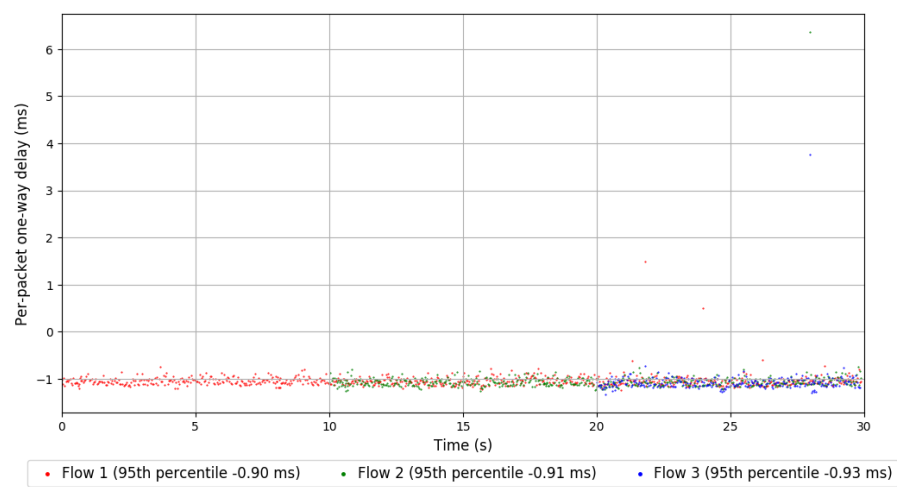
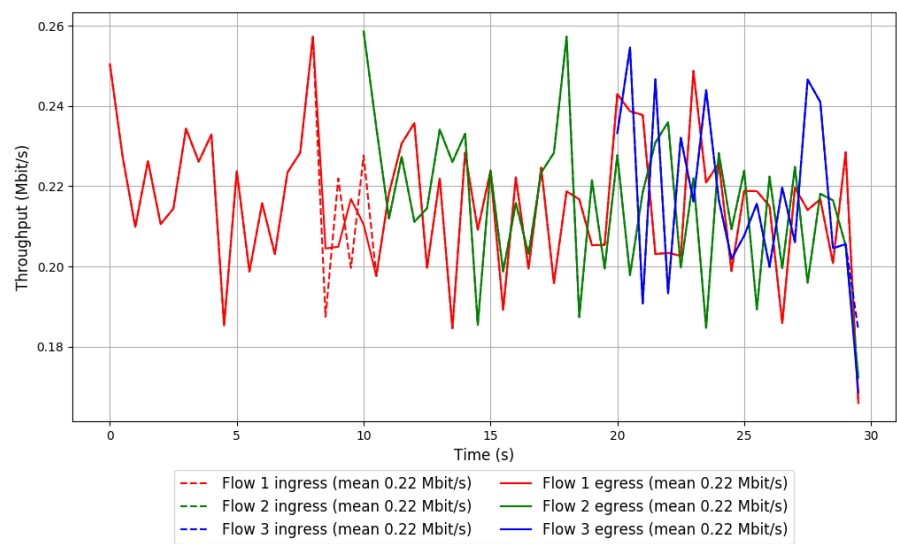
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: -0.930 ms

Loss rate: 0.35%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SReAM

Start at: Sun, 09 Jul 2017 23:55:58 +0000

End at: Sun, 09 Jul 2017 23:56:28 +0000

Local clock offset: 0.812 ms

Remote clock offset: -1.877 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:43:40 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: -1.225 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: -1.225 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: -1.277 ms

Loss rate: 0.00%

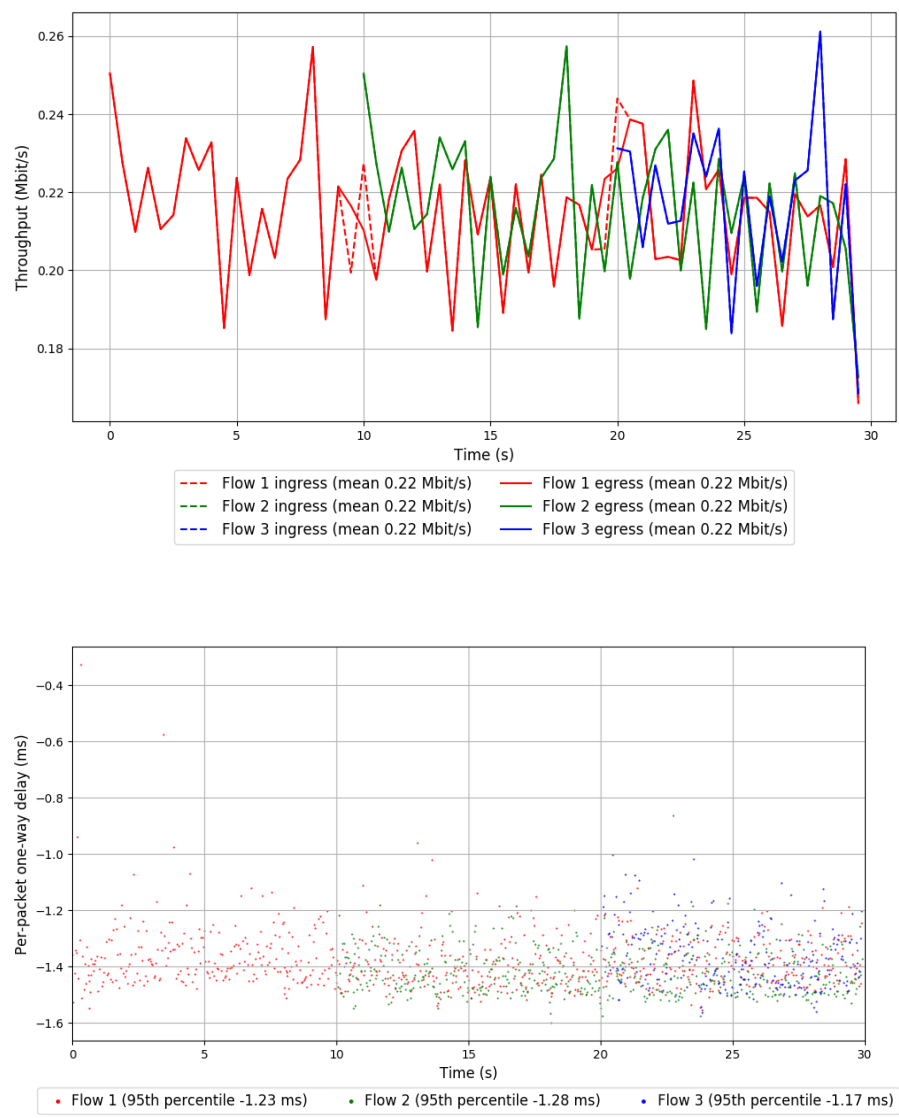
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: -1.166 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SReAM

Start at: Mon, 10 Jul 2017 00:16:52 +0000

End at: Mon, 10 Jul 2017 00:17:22 +0000

Local clock offset: 0.88 ms

Remote clock offset: -1.775 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:43:40 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: -1.267 ms

Loss rate: 0.13%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: -1.243 ms

Loss rate: 0.13%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: -1.303 ms

Loss rate: 0.21%

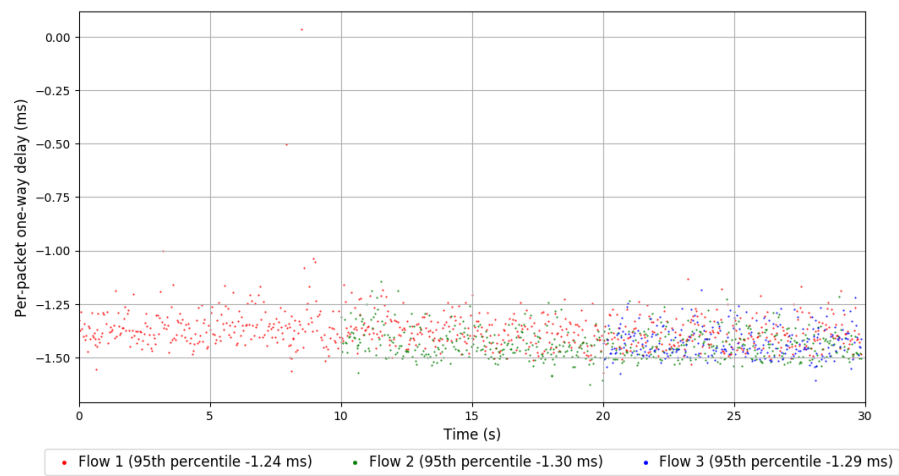
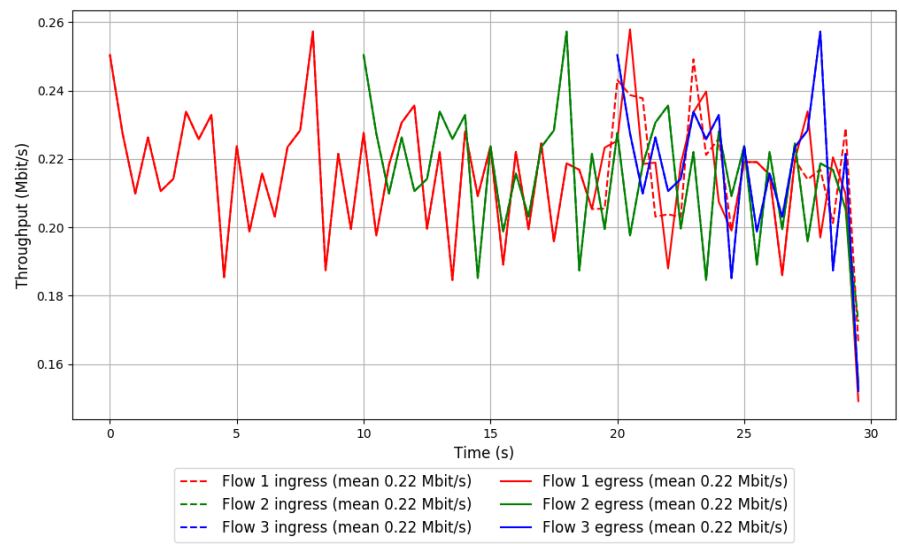
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: -1.288 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SReAM

Start at: Mon, 10 Jul 2017 00:37:34 +0000

End at: Mon, 10 Jul 2017 00:38:04 +0000

Local clock offset: 0.827 ms

Remote clock offset: -2.149 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:43:40 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: -1.634 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: -1.613 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: -1.682 ms

Loss rate: 0.00%

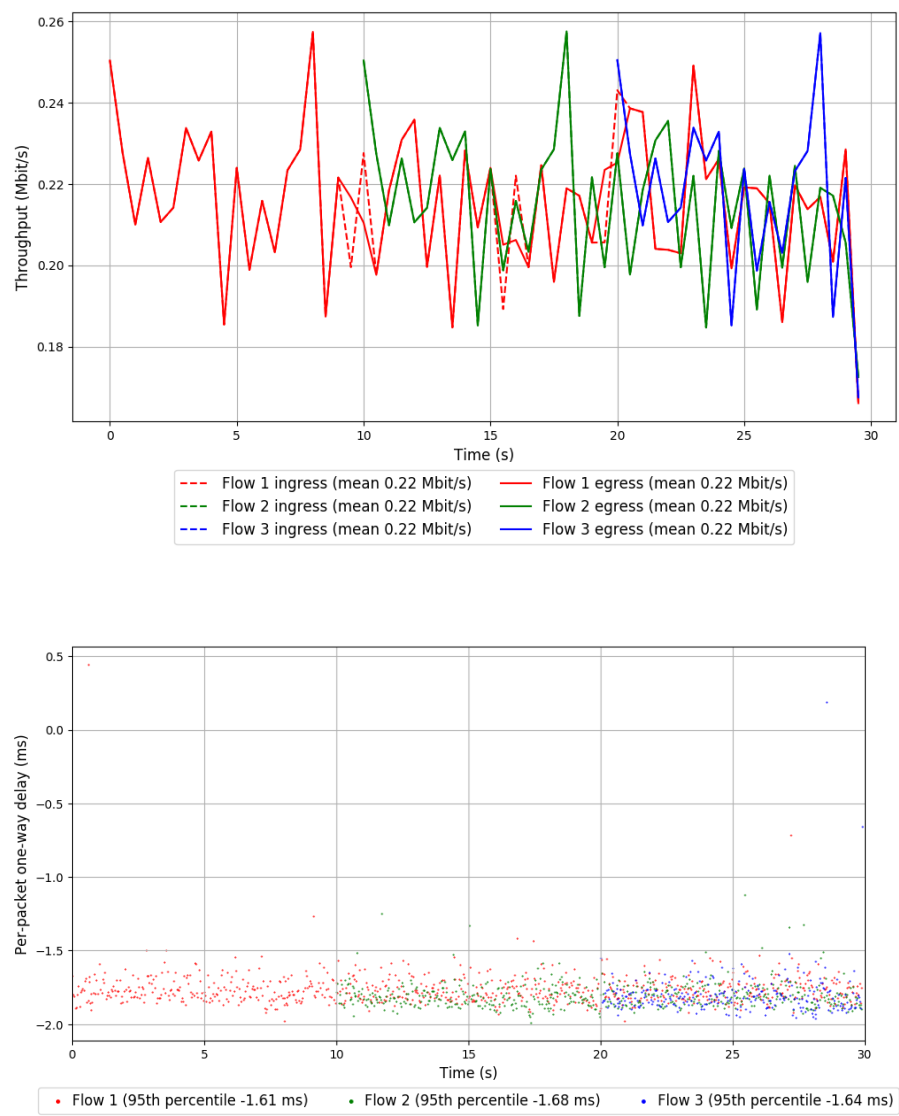
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: -1.640 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SReAM

Start at: Mon, 10 Jul 2017 00:58:27 +0000

End at: Mon, 10 Jul 2017 00:58:57 +0000

Local clock offset: 0.799 ms

Remote clock offset: -2.478 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:43:41 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: -1.823 ms

Loss rate: 0.06%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: -1.813 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: -1.830 ms

Loss rate: 0.00%

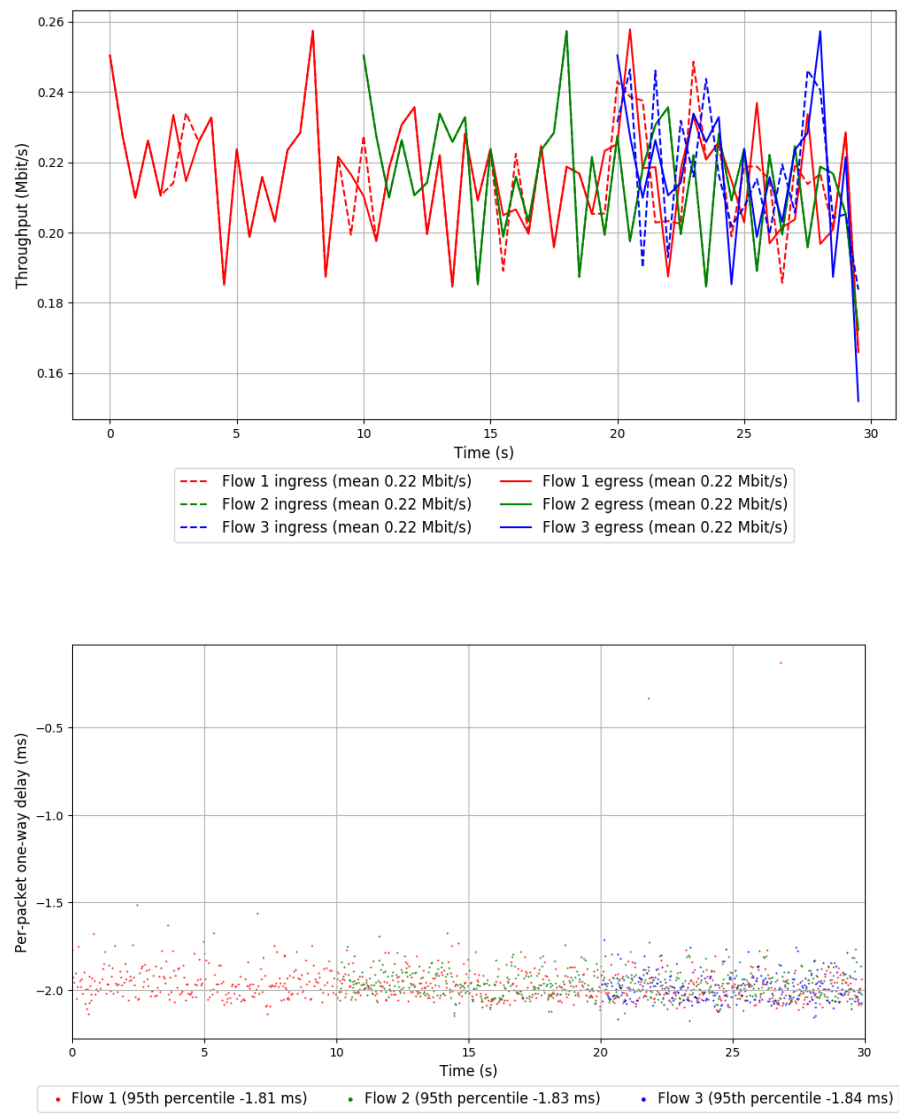
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: -1.843 ms

Loss rate: 0.35%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SReAM

Start at: Mon, 10 Jul 2017 01:19:11 +0000

End at: Mon, 10 Jul 2017 01:19:41 +0000

Local clock offset: 0.856 ms

Remote clock offset: -2.444 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:43:42 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: -1.872 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: -1.870 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: -1.906 ms

Loss rate: 0.00%

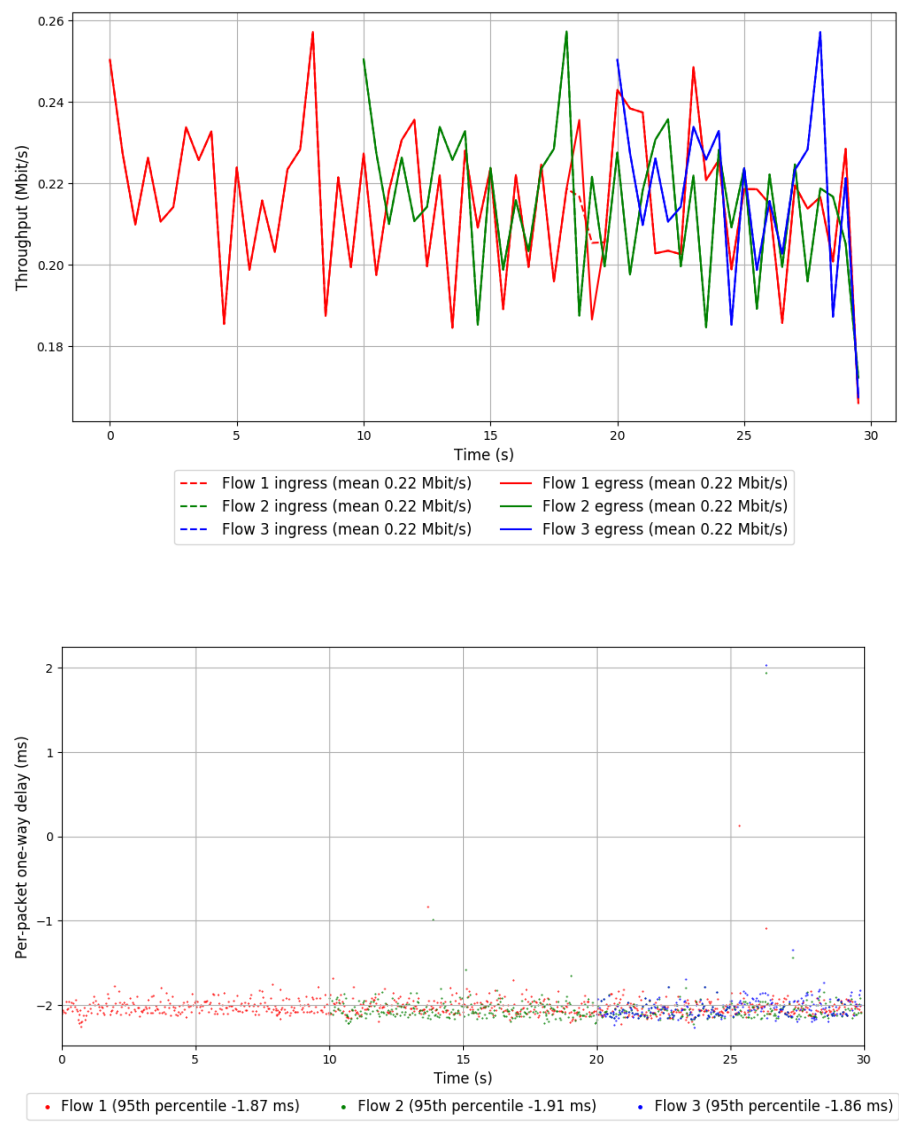
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: -1.856 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SReAM

Start at: Mon, 10 Jul 2017 01:40:03 +0000

End at: Mon, 10 Jul 2017 01:40:33 +0000

Local clock offset: 0.813 ms

Remote clock offset: -2.583 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:43:42 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: -2.035 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: -2.016 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: -2.068 ms

Loss rate: 0.00%

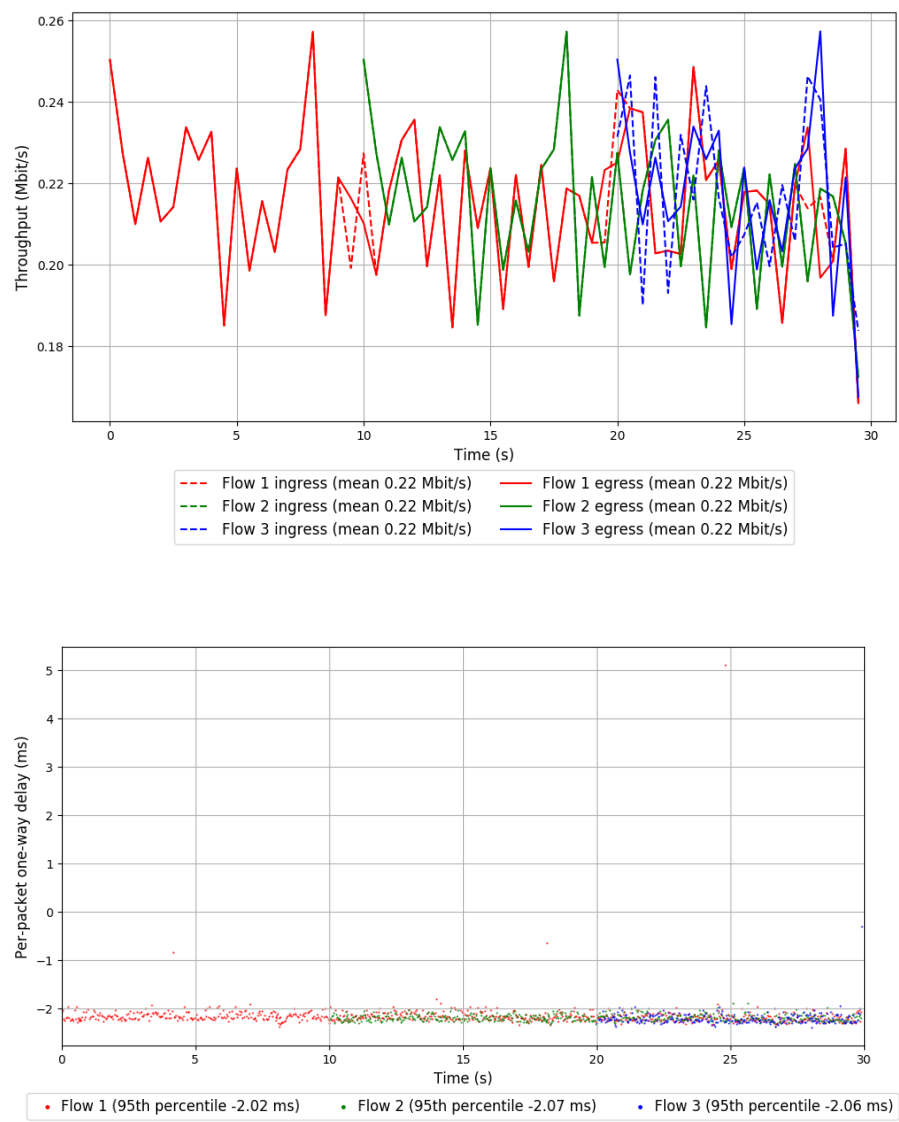
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: -2.057 ms

Loss rate: 0.00%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SReAM

Start at: Mon, 10 Jul 2017 02:00:45 +0000

End at: Mon, 10 Jul 2017 02:01:15 +0000

Local clock offset: 0.669 ms

Remote clock offset: -2.522 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:43:43 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: -1.921 ms

Loss rate: 0.06%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: -1.920 ms

Loss rate: 0.13%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: -1.921 ms

Loss rate: 0.00%

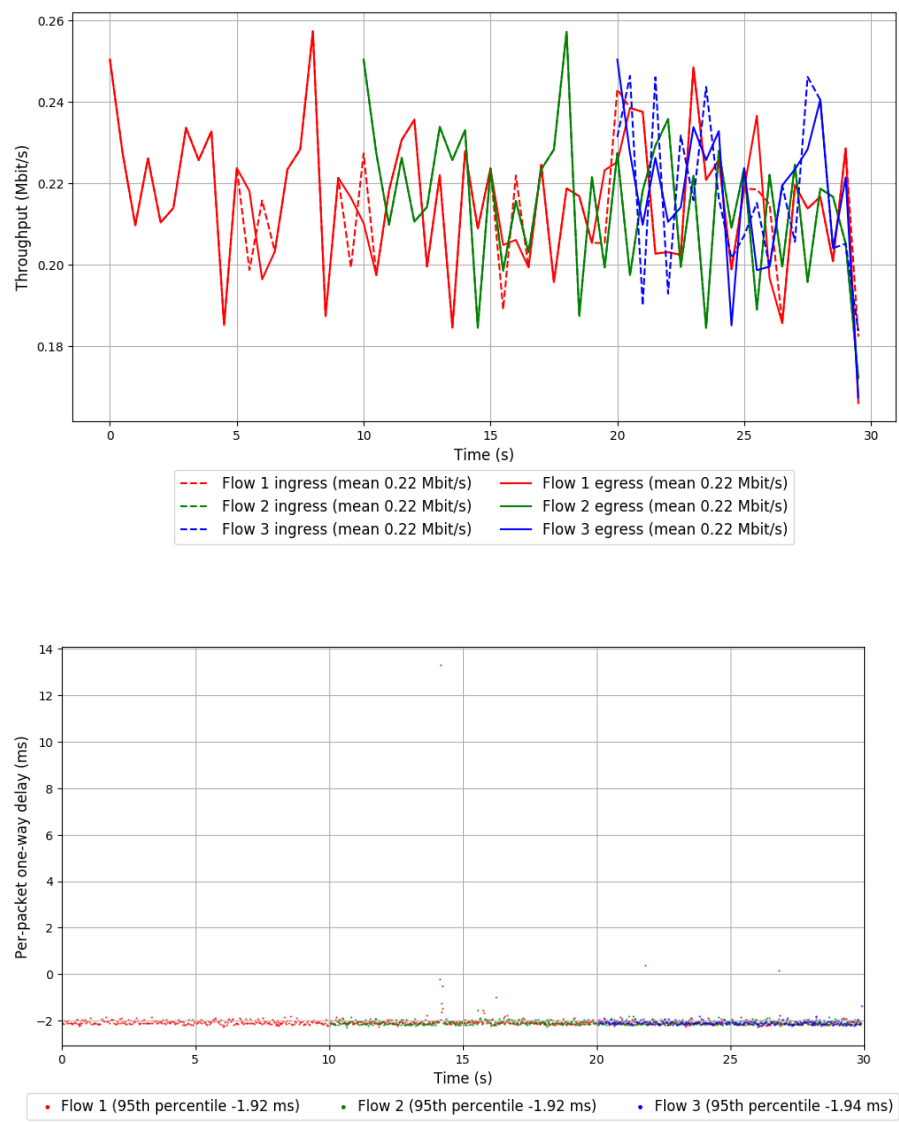
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: -1.940 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SReAM

Start at: Mon, 10 Jul 2017 02:21:32 +0000

End at: Mon, 10 Jul 2017 02:22:02 +0000

Local clock offset: 0.706 ms

Remote clock offset: -2.564 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:43:44 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: -1.891 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: -1.883 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: -1.937 ms

Loss rate: 0.00%

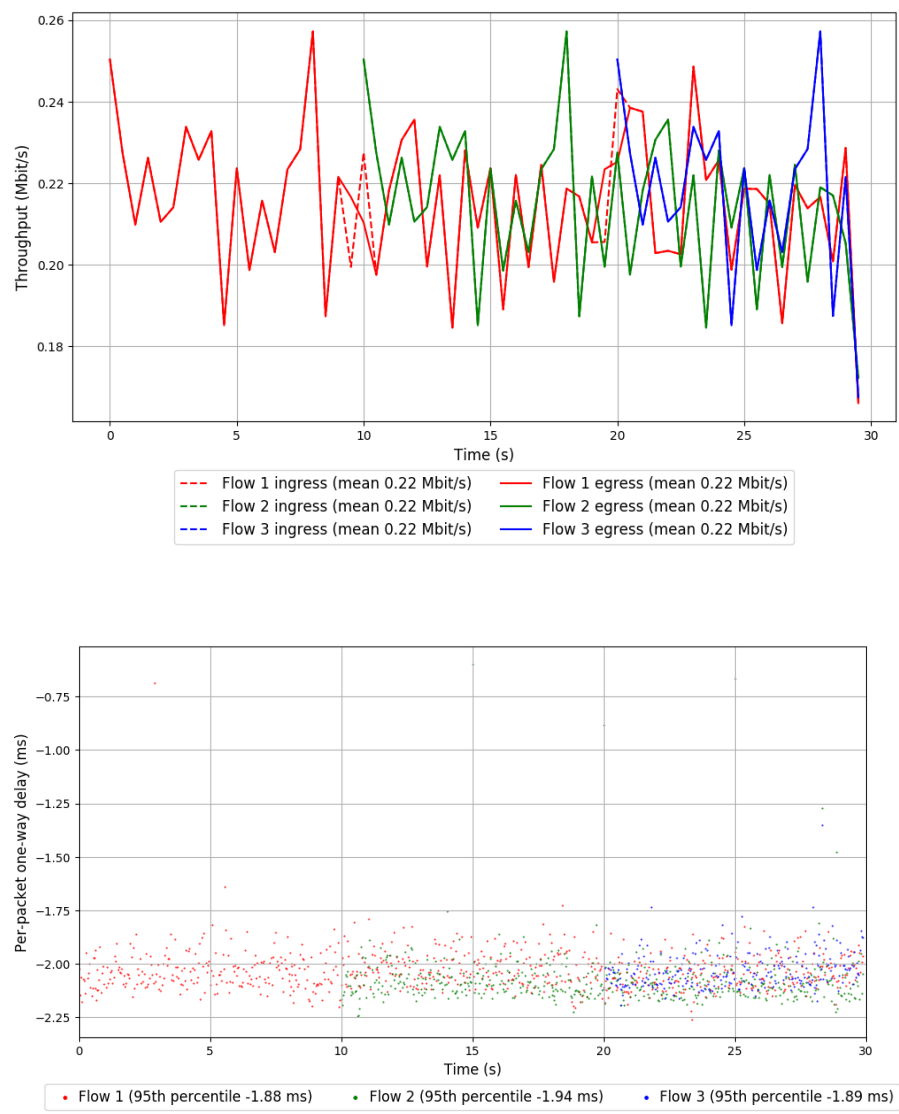
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: -1.889 ms

Loss rate: 0.00%

Run 9: Report of SCRaM — Data Link



Run 10: Statistics of SReAM

Start at: Mon, 10 Jul 2017 02:42:21 +0000

End at: Mon, 10 Jul 2017 02:42:51 +0000

Local clock offset: 0.648 ms

Remote clock offset: -2.374 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:43:44 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: -1.706 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: -1.686 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: -1.745 ms

Loss rate: 0.00%

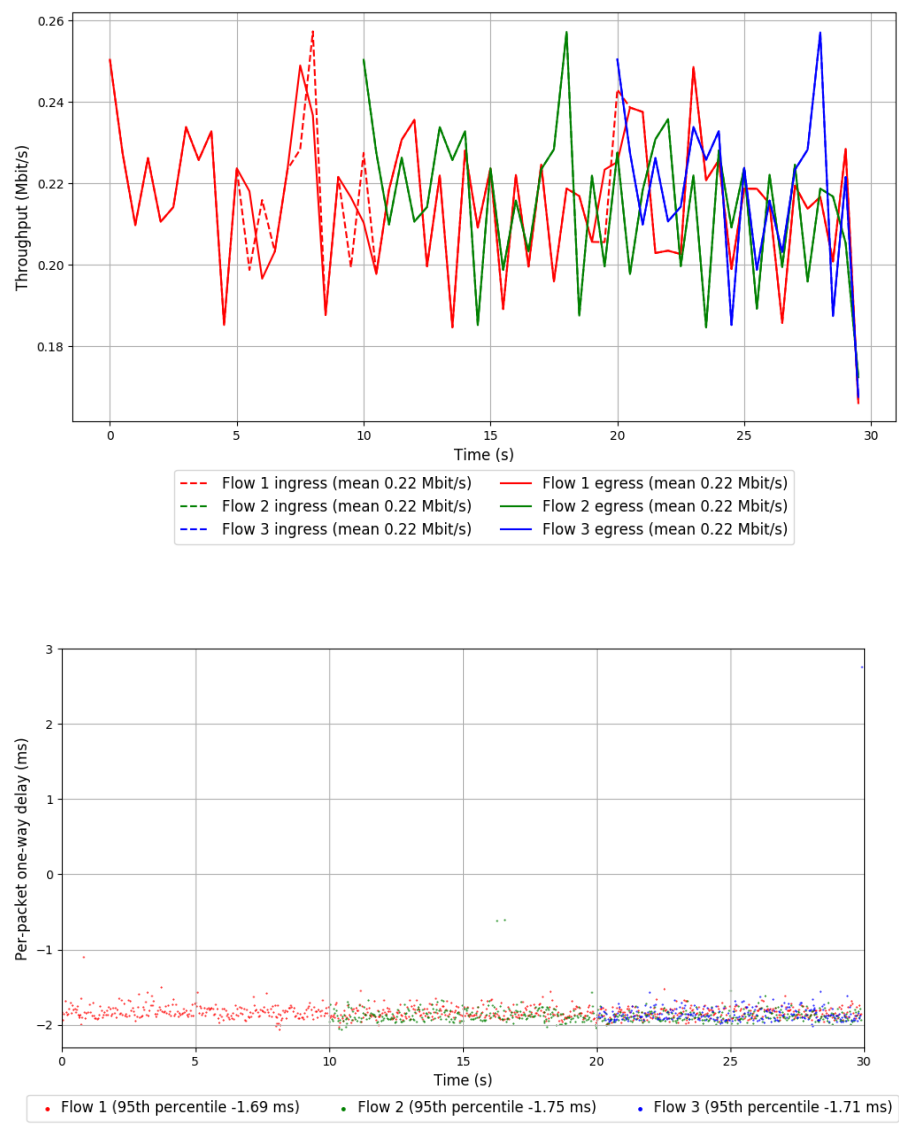
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: -1.708 ms

Loss rate: 0.00%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: Sun, 09 Jul 2017 23:39:32 +0000

End at: Sun, 09 Jul 2017 23:40:02 +0000

Local clock offset: 0.779 ms

Remote clock offset: -1.56 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:43:51 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 49.05 Mbit/s

95th percentile per-packet one-way delay: -0.895 ms

Loss rate: 0.36%

-- Flow 1:

Average throughput: 24.79 Mbit/s

95th percentile per-packet one-way delay: -0.917 ms

Loss rate: 0.20%

-- Flow 2:

Average throughput: 24.47 Mbit/s

95th percentile per-packet one-way delay: -0.936 ms

Loss rate: 0.53%

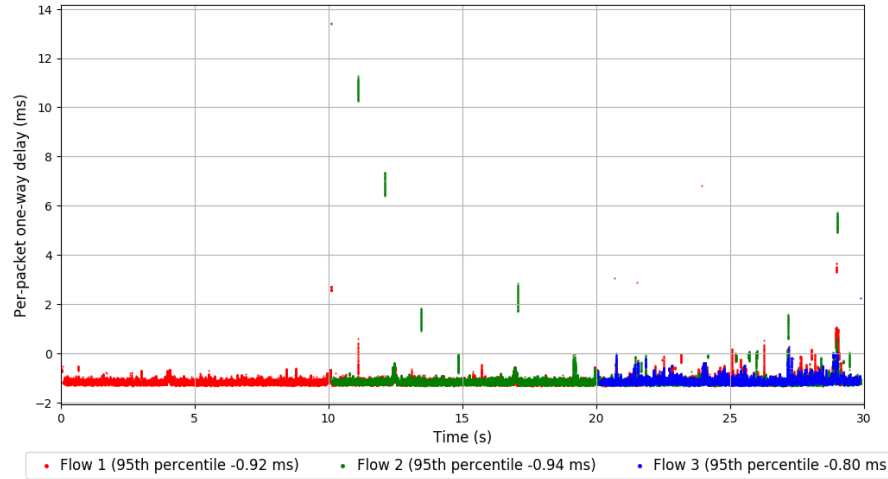
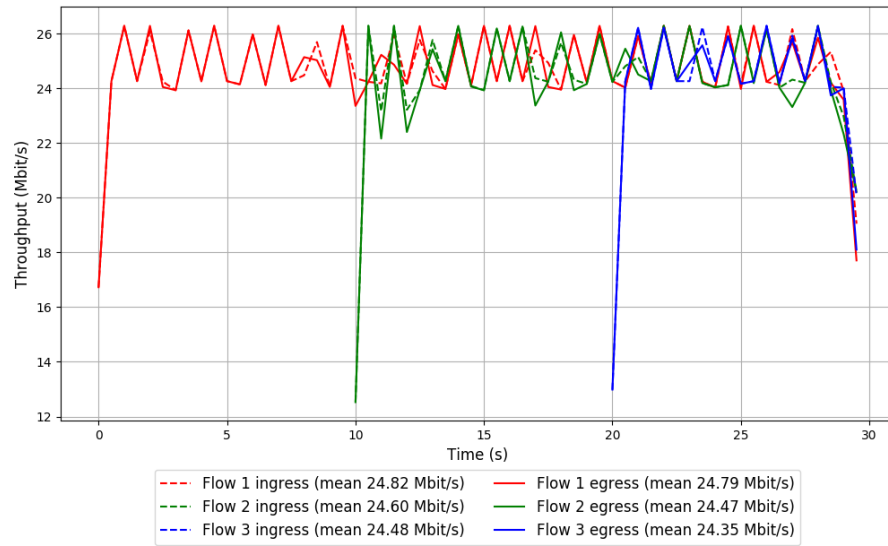
-- Flow 3:

Average throughput: 24.35 Mbit/s

95th percentile per-packet one-way delay: -0.802 ms

Loss rate: 0.49%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: Mon, 10 Jul 2017 00:00:11 +0000

End at: Mon, 10 Jul 2017 00:00:41 +0000

Local clock offset: 0.798 ms

Remote clock offset: -1.805 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:43:52 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 49.10 Mbit/s

95th percentile per-packet one-way delay: -1.350 ms

Loss rate: 0.26%

-- Flow 1:

Average throughput: 24.84 Mbit/s

95th percentile per-packet one-way delay: -1.366 ms

Loss rate: 0.16%

-- Flow 2:

Average throughput: 24.48 Mbit/s

95th percentile per-packet one-way delay: -1.328 ms

Loss rate: 0.26%

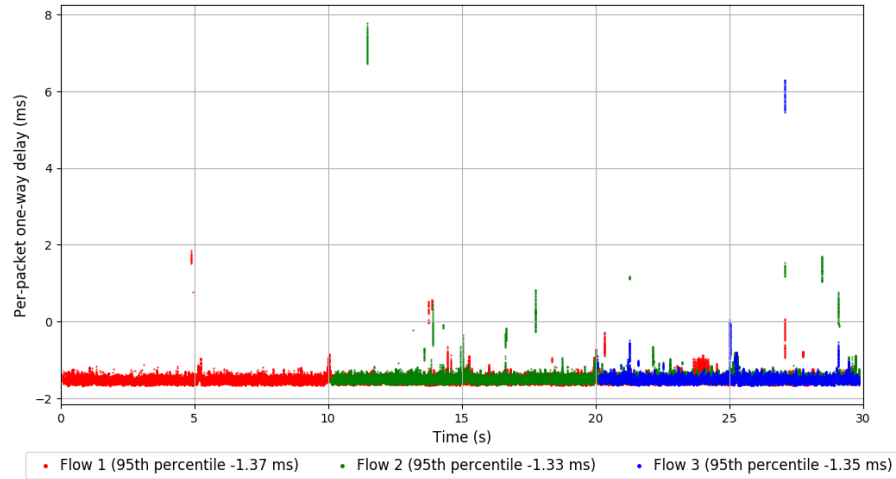
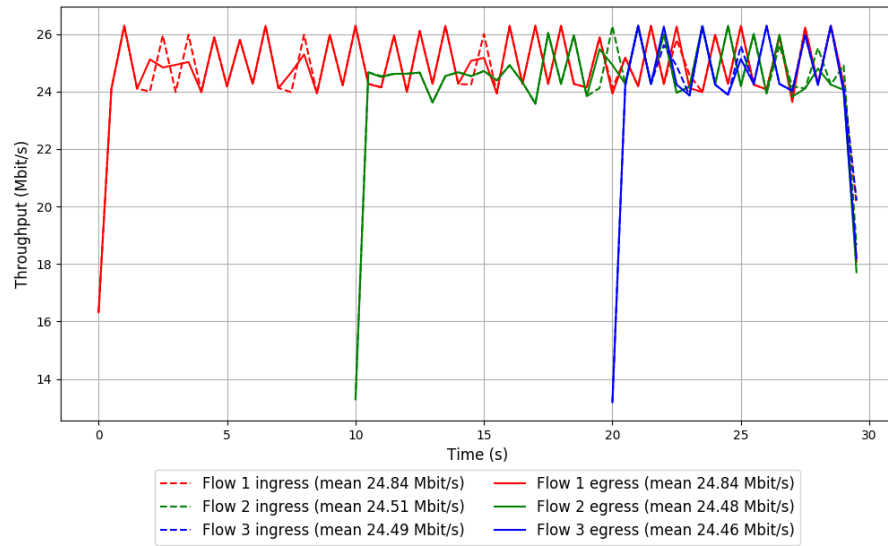
-- Flow 3:

Average throughput: 24.46 Mbit/s

95th percentile per-packet one-way delay: -1.347 ms

Loss rate: 0.54%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: Mon, 10 Jul 2017 00:21:06 +0000

End at: Mon, 10 Jul 2017 00:21:36 +0000

Local clock offset: 0.854 ms

Remote clock offset: -1.767 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:43:59 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 48.52 Mbit/s

95th percentile per-packet one-way delay: -1.398 ms

Loss rate: 0.30%

-- Flow 1:

Average throughput: 24.26 Mbit/s

95th percentile per-packet one-way delay: -1.416 ms

Loss rate: 0.29%

-- Flow 2:

Average throughput: 24.53 Mbit/s

95th percentile per-packet one-way delay: -1.390 ms

Loss rate: 0.14%

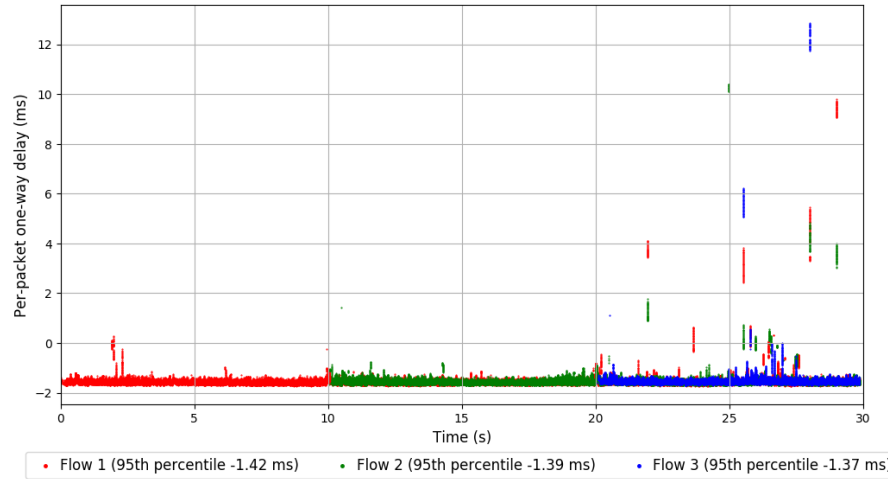
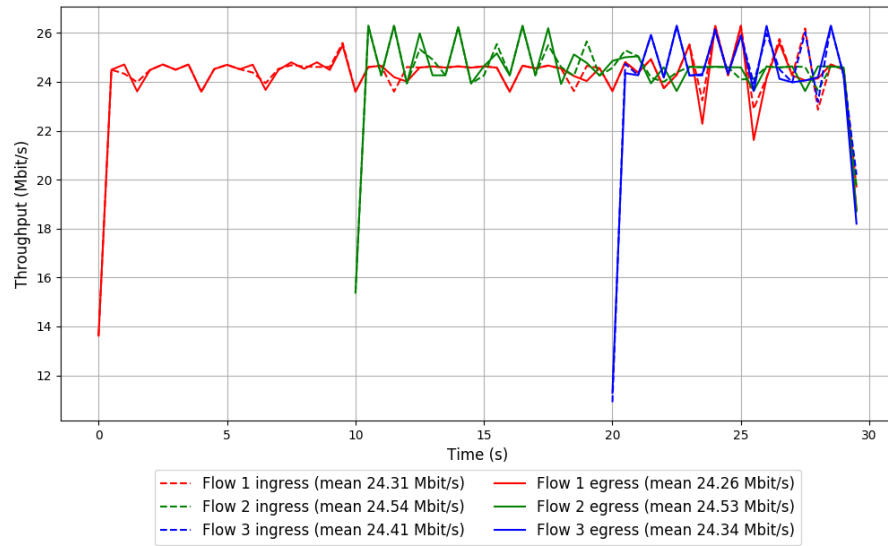
-- Flow 3:

Average throughput: 24.34 Mbit/s

95th percentile per-packet one-way delay: -1.373 ms

Loss rate: 0.70%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: Mon, 10 Jul 2017 00:41:47 +0000

End at: Mon, 10 Jul 2017 00:42:17 +0000

Local clock offset: 0.782 ms

Remote clock offset: -2.306 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:44:00 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 48.55 Mbit/s

95th percentile per-packet one-way delay: -1.815 ms

Loss rate: 0.17%

-- Flow 1:

Average throughput: 24.30 Mbit/s

95th percentile per-packet one-way delay: -1.820 ms

Loss rate: 0.08%

-- Flow 2:

Average throughput: 24.68 Mbit/s

95th percentile per-packet one-way delay: -1.789 ms

Loss rate: 0.31%

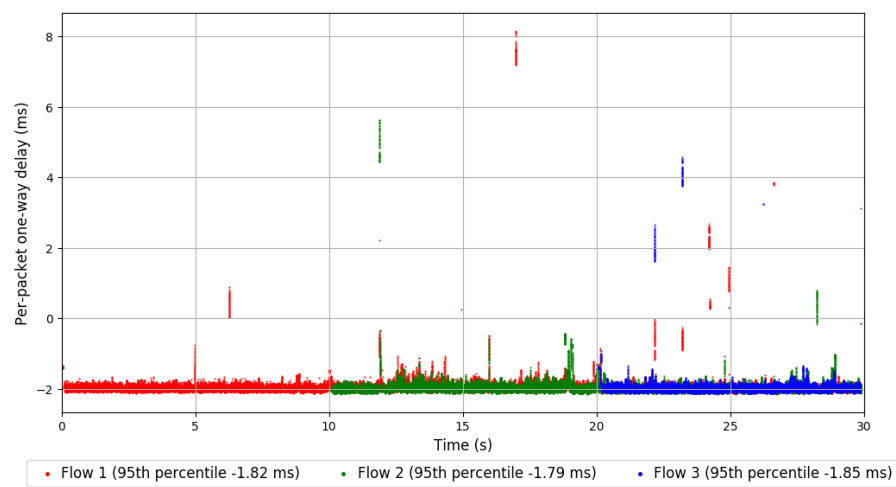
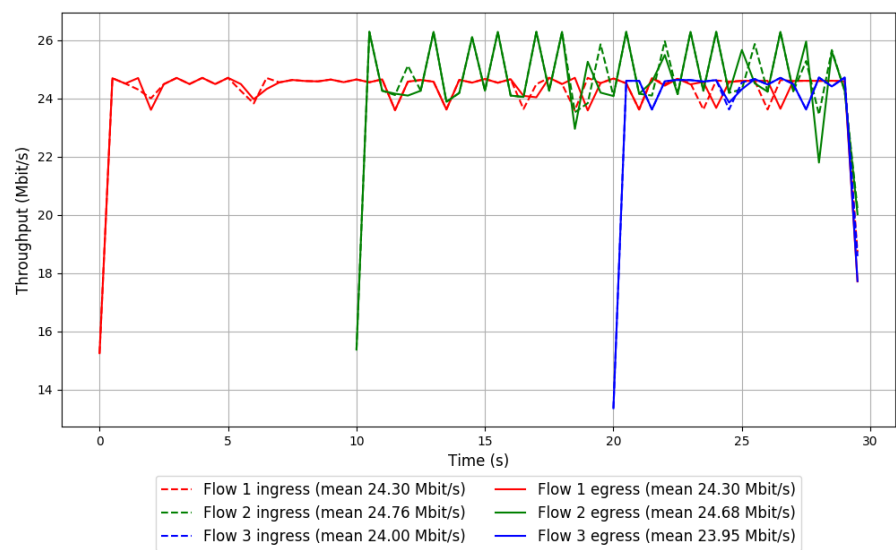
-- Flow 3:

Average throughput: 23.95 Mbit/s

95th percentile per-packet one-way delay: -1.846 ms

Loss rate: 0.18%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: Mon, 10 Jul 2017 01:02:40 +0000

End at: Mon, 10 Jul 2017 01:03:10 +0000

Local clock offset: 0.693 ms

Remote clock offset: -2.461 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:44:05 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 48.66 Mbit/s

95th percentile per-packet one-way delay: -1.907 ms

Loss rate: 0.27%

-- Flow 1:

Average throughput: 24.52 Mbit/s

95th percentile per-packet one-way delay: -1.911 ms

Loss rate: 0.35%

-- Flow 2:

Average throughput: 24.18 Mbit/s

95th percentile per-packet one-way delay: -1.886 ms

Loss rate: 0.00%

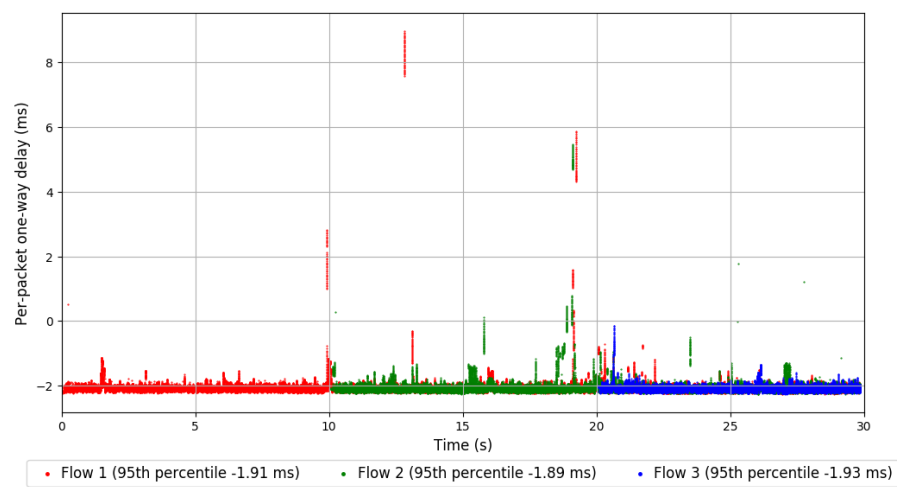
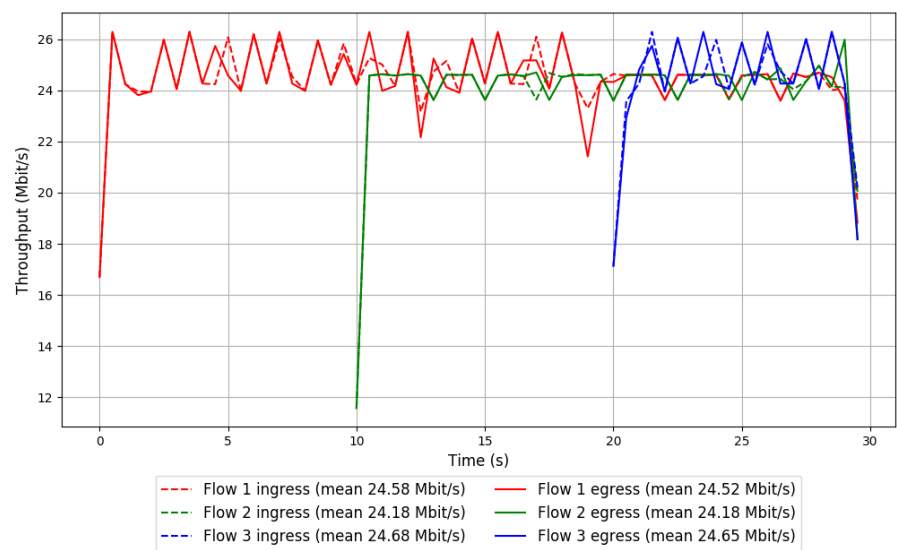
-- Flow 3:

Average throughput: 24.65 Mbit/s

95th percentile per-packet one-way delay: -1.930 ms

Loss rate: 0.55%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: Mon, 10 Jul 2017 01:23:24 +0000

End at: Mon, 10 Jul 2017 01:23:54 +0000

Local clock offset: 0.837 ms

Remote clock offset: -2.543 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:44:07 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 49.19 Mbit/s

95th percentile per-packet one-way delay: -2.018 ms

Loss rate: 0.27%

-- Flow 1:

Average throughput: 24.79 Mbit/s

95th percentile per-packet one-way delay: -2.042 ms

Loss rate: 0.27%

-- Flow 2:

Average throughput: 24.79 Mbit/s

95th percentile per-packet one-way delay: -1.981 ms

Loss rate: 0.23%

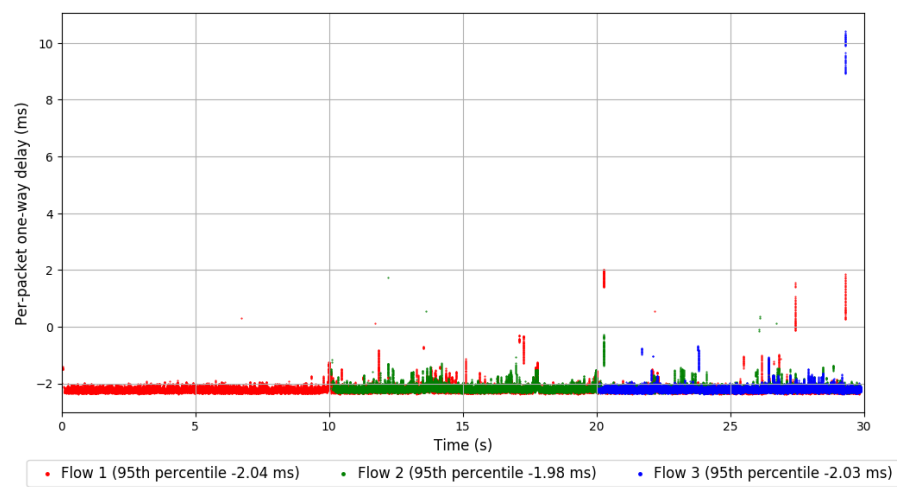
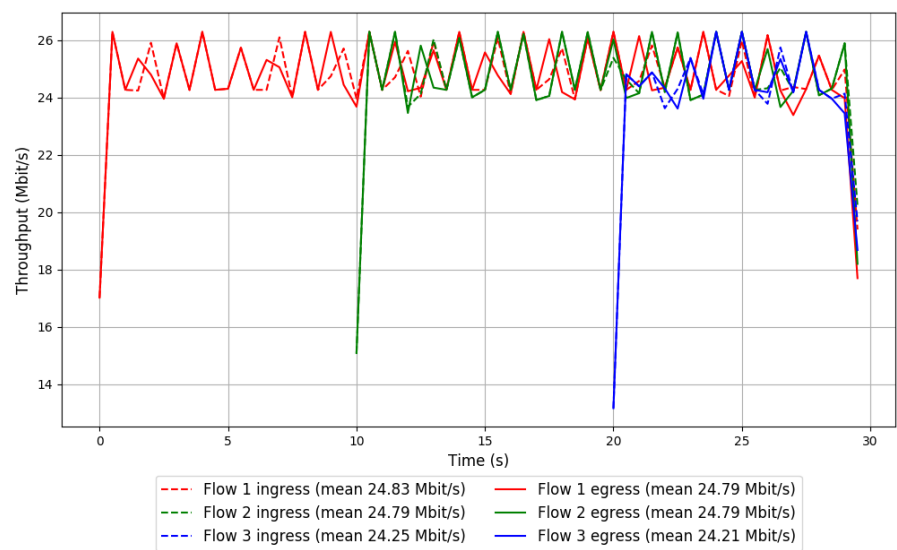
-- Flow 3:

Average throughput: 24.21 Mbit/s

95th percentile per-packet one-way delay: -2.034 ms

Loss rate: 0.38%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: Mon, 10 Jul 2017 01:44:14 +0000

End at: Mon, 10 Jul 2017 01:44:44 +0000

Local clock offset: 0.776 ms

Remote clock offset: -2.59 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:44:13 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 49.15 Mbit/s

95th percentile per-packet one-way delay: -2.060 ms

Loss rate: 0.24%

-- Flow 1:

Average throughput: 24.82 Mbit/s

95th percentile per-packet one-way delay: -2.052 ms

Loss rate: 0.15%

-- Flow 2:

Average throughput: 24.50 Mbit/s

95th percentile per-packet one-way delay: -2.057 ms

Loss rate: 0.25%

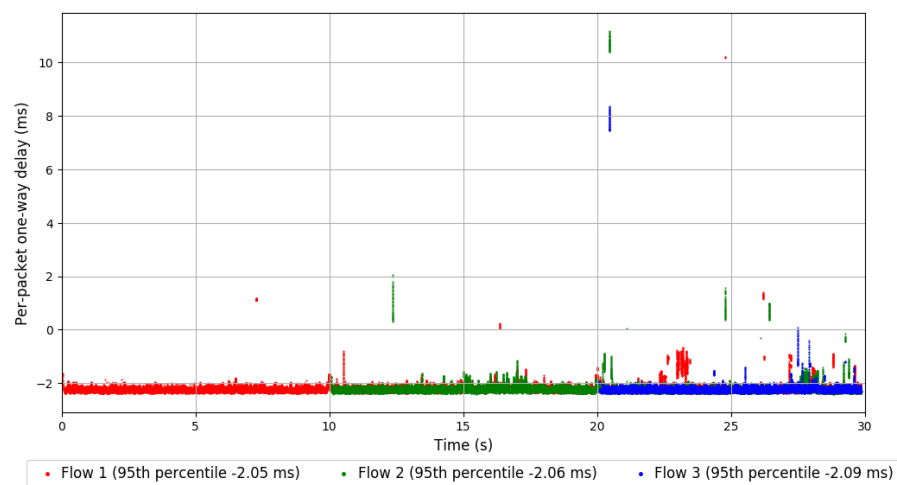
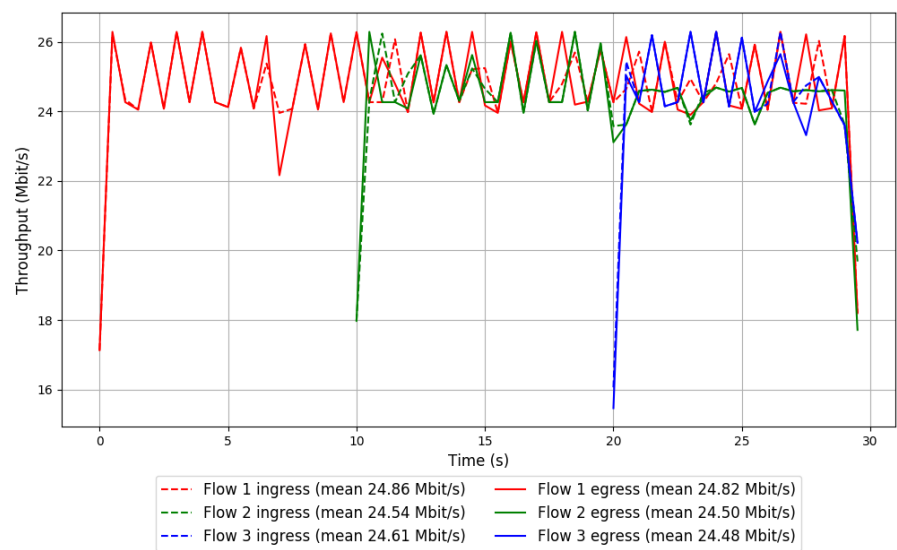
-- Flow 3:

Average throughput: 24.48 Mbit/s

95th percentile per-packet one-way delay: -2.089 ms

Loss rate: 0.50%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: Mon, 10 Jul 2017 02:04:59 +0000

End at: Mon, 10 Jul 2017 02:05:29 +0000

Local clock offset: 0.638 ms

Remote clock offset: -2.633 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:44:15 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 48.80 Mbit/s

95th percentile per-packet one-way delay: -2.037 ms

Loss rate: 0.20%

-- Flow 1:

Average throughput: 24.27 Mbit/s

95th percentile per-packet one-way delay: -2.022 ms

Loss rate: 0.14%

-- Flow 2:

Average throughput: 24.79 Mbit/s

95th percentile per-packet one-way delay: -2.050 ms

Loss rate: 0.37%

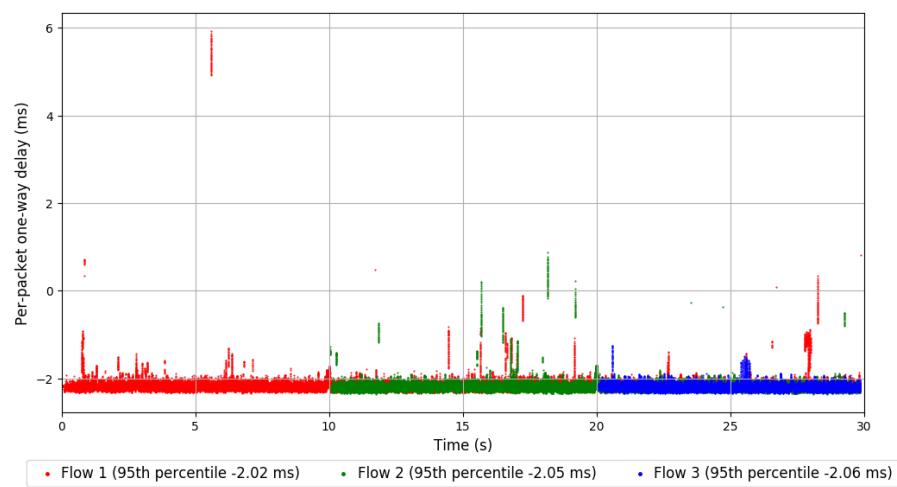
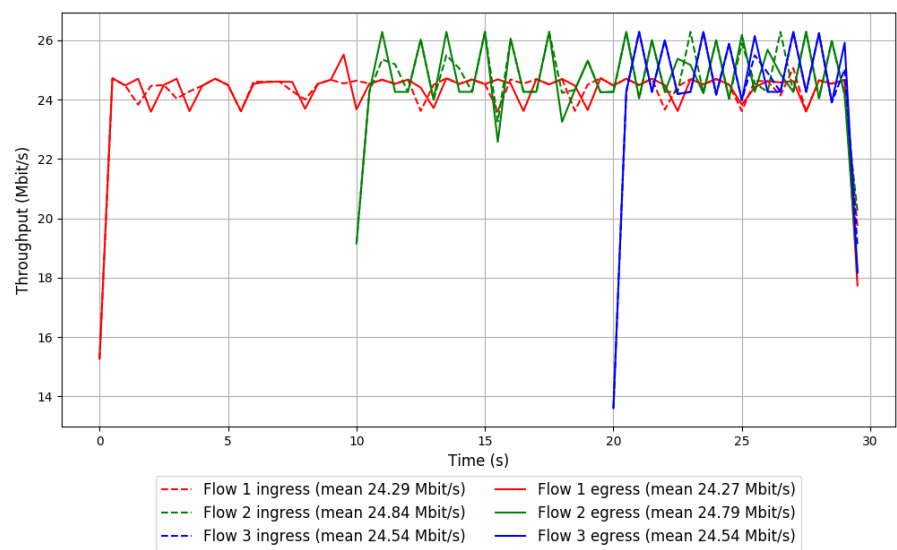
-- Flow 3:

Average throughput: 24.54 Mbit/s

95th percentile per-packet one-way delay: -2.064 ms

Loss rate: 0.00%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: Mon, 10 Jul 2017 02:25:45 +0000

End at: Mon, 10 Jul 2017 02:26:15 +0000

Local clock offset: 0.732 ms

Remote clock offset: -2.586 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:44:21 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 49.14 Mbit/s

95th percentile per-packet one-way delay: -1.968 ms

Loss rate: 0.33%

-- Flow 1:

Average throughput: 24.81 Mbit/s

95th percentile per-packet one-way delay: -1.948 ms

Loss rate: 0.28%

-- Flow 2:

Average throughput: 24.62 Mbit/s

95th percentile per-packet one-way delay: -1.980 ms

Loss rate: 0.43%

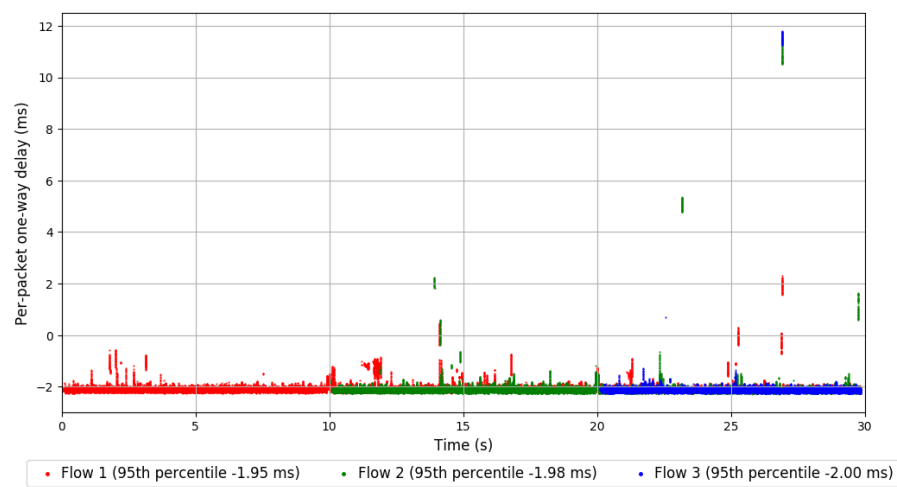
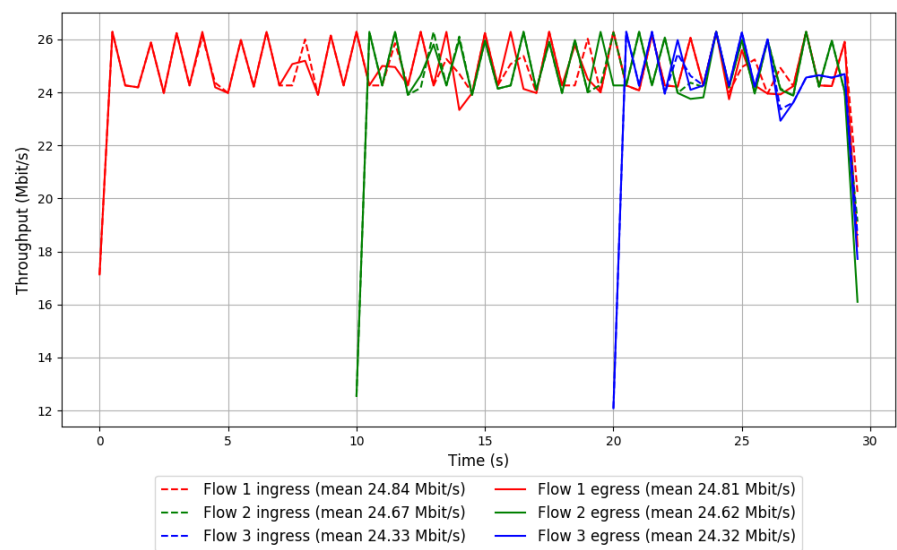
-- Flow 3:

Average throughput: 24.32 Mbit/s

95th percentile per-packet one-way delay: -2.002 ms

Loss rate: 0.28%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: Mon, 10 Jul 2017 02:46:35 +0000

End at: Mon, 10 Jul 2017 02:47:05 +0000

Local clock offset: 0.649 ms

Remote clock offset: -2.371 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:44:23 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 48.91 Mbit/s

95th percentile per-packet one-way delay: -1.751 ms

Loss rate: 0.23%

-- Flow 1:

Average throughput: 24.76 Mbit/s

95th percentile per-packet one-way delay: -1.756 ms

Loss rate: 0.20%

-- Flow 2:

Average throughput: 24.18 Mbit/s

95th percentile per-packet one-way delay: -1.759 ms

Loss rate: 0.12%

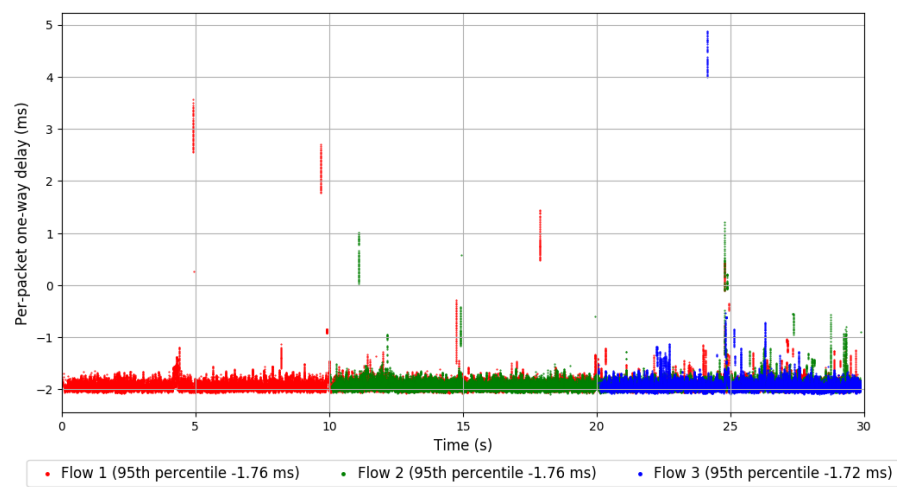
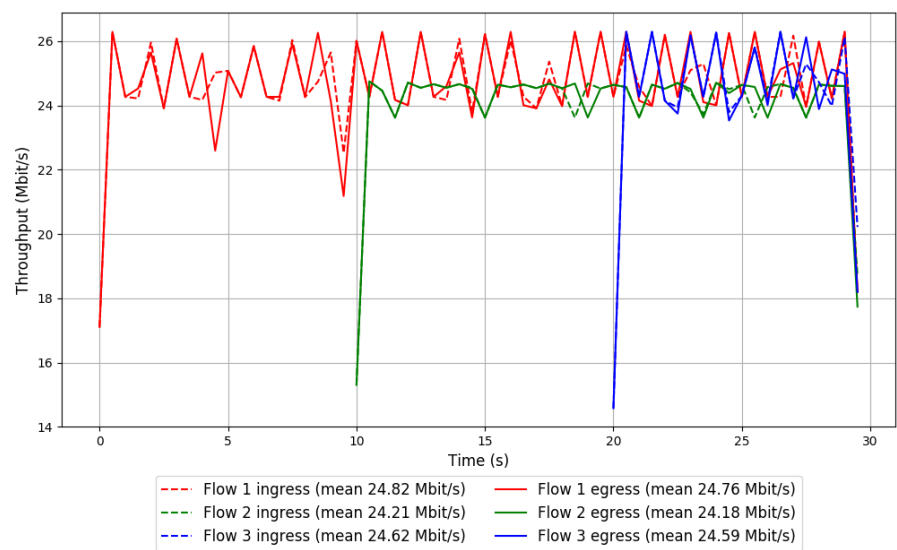
-- Flow 3:

Average throughput: 24.59 Mbit/s

95th percentile per-packet one-way delay: -1.721 ms

Loss rate: 0.54%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Sun, 09 Jul 2017 23:29:09 +0000

End at: Sun, 09 Jul 2017 23:29:39 +0000

Local clock offset: 0.695 ms

Remote clock offset: -1.738 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:45:16 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 257.55 Mbit/s

95th percentile per-packet one-way delay: 0.352 ms

Loss rate: 2.61%

-- Flow 1:

Average throughput: 161.71 Mbit/s

95th percentile per-packet one-way delay: 0.055 ms

Loss rate: 2.25%

-- Flow 2:

Average throughput: 113.53 Mbit/s

95th percentile per-packet one-way delay: 0.667 ms

Loss rate: 3.80%

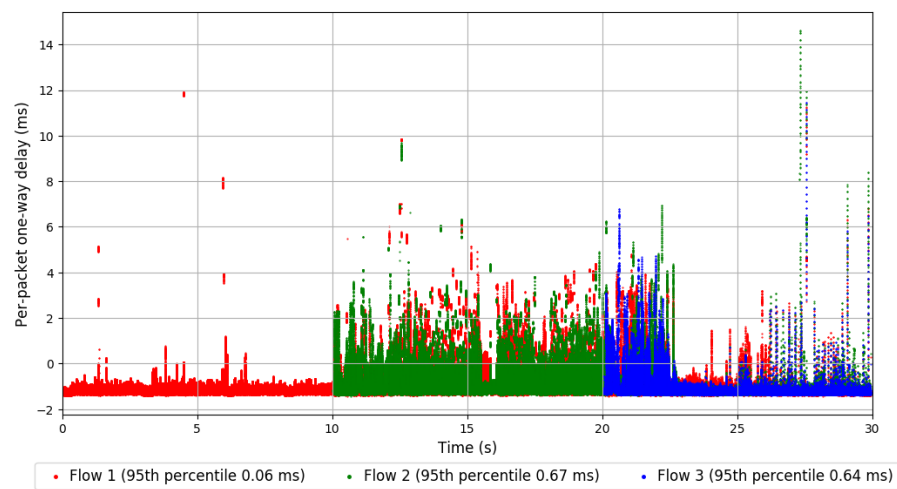
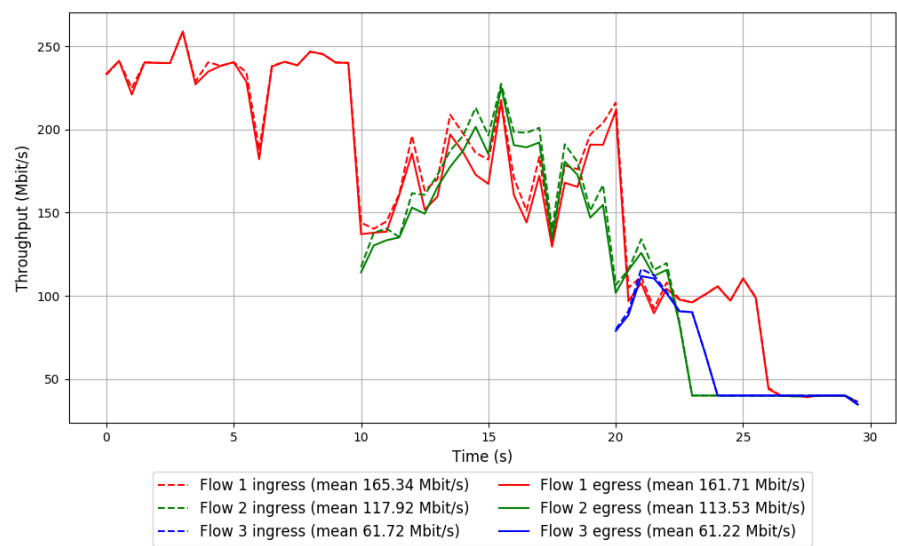
-- Flow 3:

Average throughput: 61.22 Mbit/s

95th percentile per-packet one-way delay: 0.644 ms

Loss rate: 1.02%

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



Run 2: Statistics of TaoVA-100x

Start at: Sun, 09 Jul 2017 23:49:50 +0000

End at: Sun, 09 Jul 2017 23:50:20 +0000

Local clock offset: 0.782 ms

Remote clock offset: -1.741 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:45:29 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 269.36 Mbit/s

95th percentile per-packet one-way delay: 0.342 ms

Loss rate: 2.44%

-- Flow 1:

Average throughput: 136.81 Mbit/s

95th percentile per-packet one-way delay: 0.028 ms

Loss rate: 1.70%

-- Flow 2:

Average throughput: 153.75 Mbit/s

95th percentile per-packet one-way delay: 0.490 ms

Loss rate: 3.18%

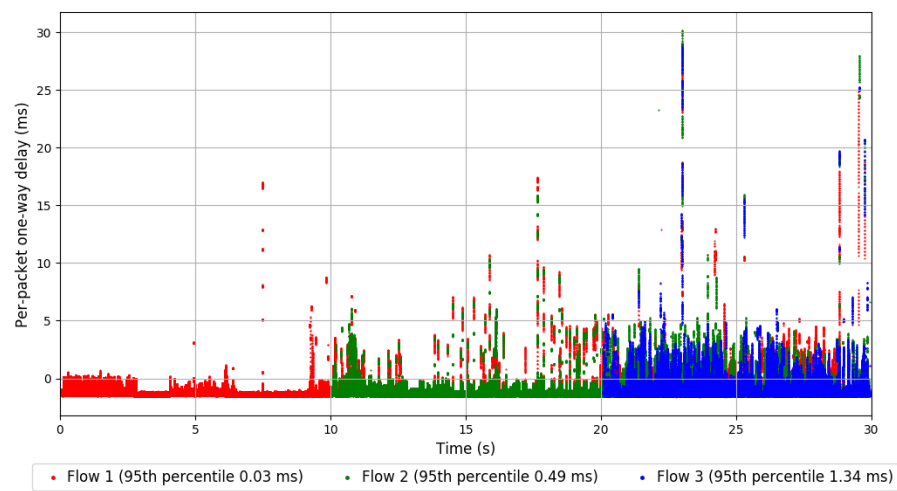
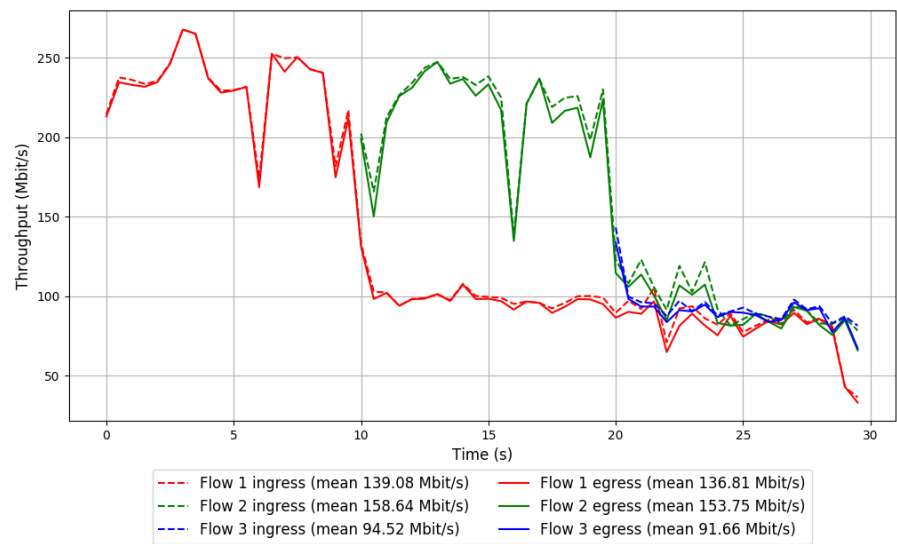
-- Flow 3:

Average throughput: 91.66 Mbit/s

95th percentile per-packet one-way delay: 1.336 ms

Loss rate: 3.28%

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



Run 3: Statistics of TaoVA-100x

Start at: Mon, 10 Jul 2017 00:10:38 +0000

End at: Mon, 10 Jul 2017 00:11:08 +0000

Local clock offset: 0.795 ms

Remote clock offset: -1.765 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:46:27 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 257.52 Mbit/s

95th percentile per-packet one-way delay: 0.384 ms

Loss rate: 2.86%

-- Flow 1:

Average throughput: 144.61 Mbit/s

95th percentile per-packet one-way delay: 0.207 ms

Loss rate: 2.68%

-- Flow 2:

Average throughput: 114.73 Mbit/s

95th percentile per-packet one-way delay: 0.806 ms

Loss rate: 3.73%

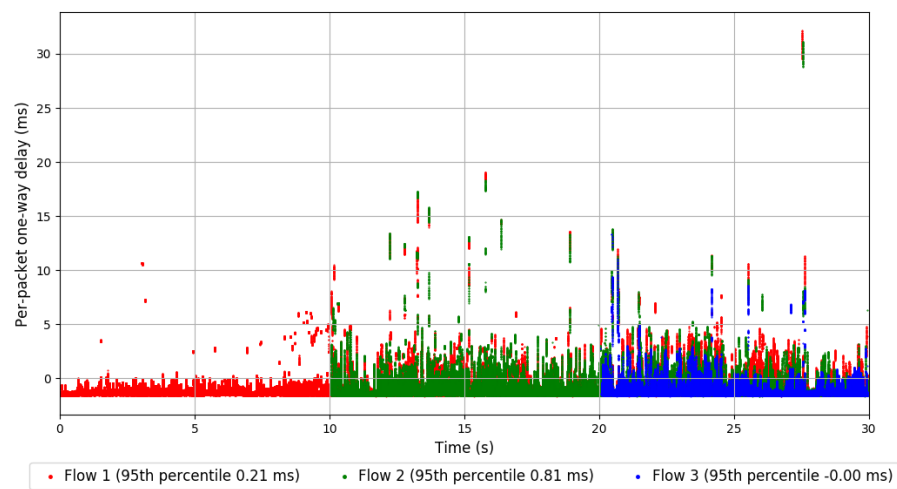
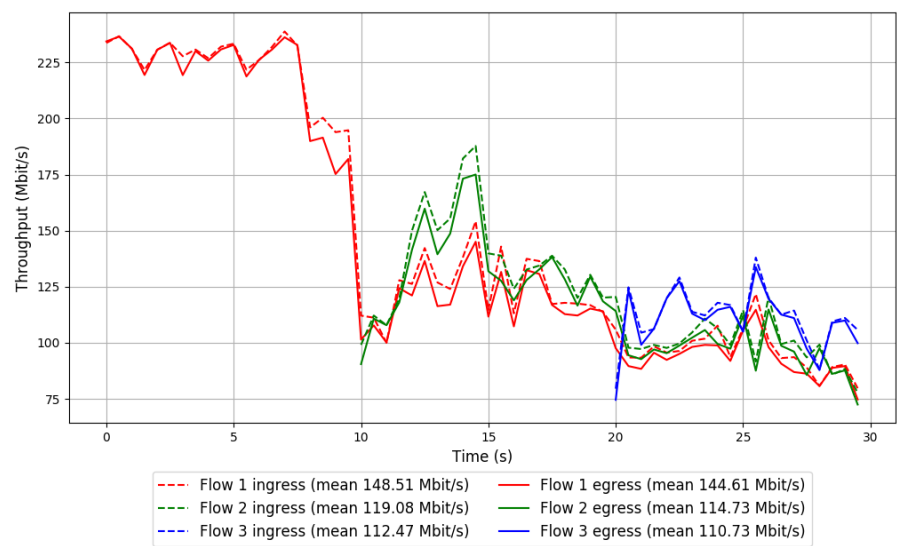
-- Flow 3:

Average throughput: 110.73 Mbit/s

95th percentile per-packet one-way delay: -0.003 ms

Loss rate: 1.78%

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



Run 4: Statistics of TaoVA-100x

Start at: Mon, 10 Jul 2017 00:31:25 +0000

End at: Mon, 10 Jul 2017 00:31:55 +0000

Local clock offset: 0.941 ms

Remote clock offset: -1.939 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:46:31 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 246.67 Mbit/s

95th percentile per-packet one-way delay: -0.227 ms

Loss rate: 2.06%

-- Flow 1:

Average throughput: 152.48 Mbit/s

95th percentile per-packet one-way delay: -0.453 ms

Loss rate: 1.60%

-- Flow 2:

Average throughput: 117.31 Mbit/s

95th percentile per-packet one-way delay: 0.248 ms

Loss rate: 3.14%

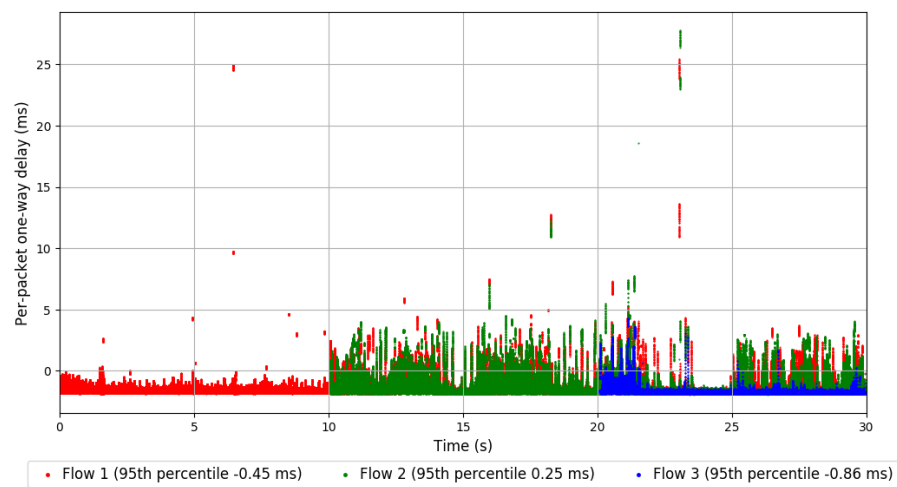
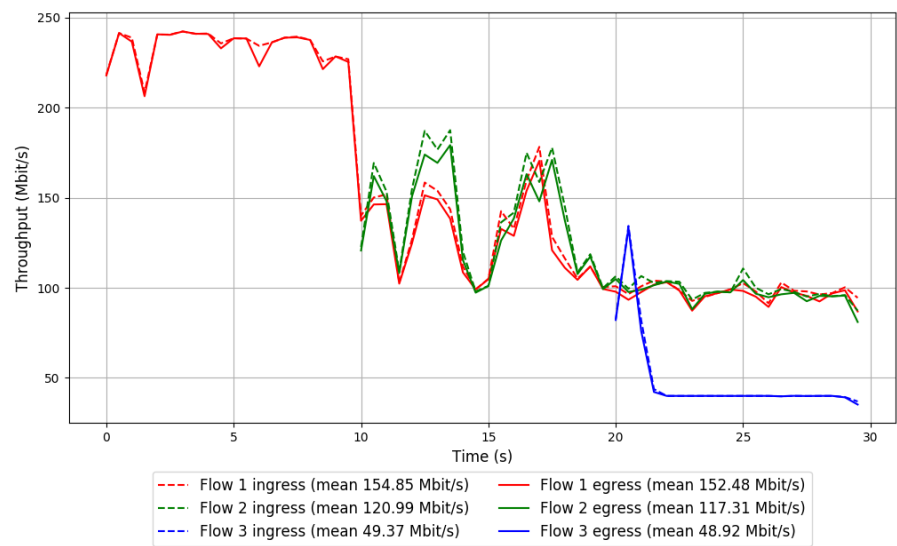
-- Flow 3:

Average throughput: 48.92 Mbit/s

95th percentile per-packet one-way delay: -0.860 ms

Loss rate: 1.13%

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



Run 5: Statistics of TaoVA-100x

Start at: Mon, 10 Jul 2017 00:52:19 +0000

End at: Mon, 10 Jul 2017 00:52:49 +0000

Local clock offset: 0.73 ms

Remote clock offset: -2.542 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:47:24 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 244.19 Mbit/s

95th percentile per-packet one-way delay: -0.548 ms

Loss rate: 3.04%

-- Flow 1:

Average throughput: 156.07 Mbit/s

95th percentile per-packet one-way delay: -0.672 ms

Loss rate: 3.27%

-- Flow 2:

Average throughput: 104.02 Mbit/s

95th percentile per-packet one-way delay: -0.116 ms

Loss rate: 3.26%

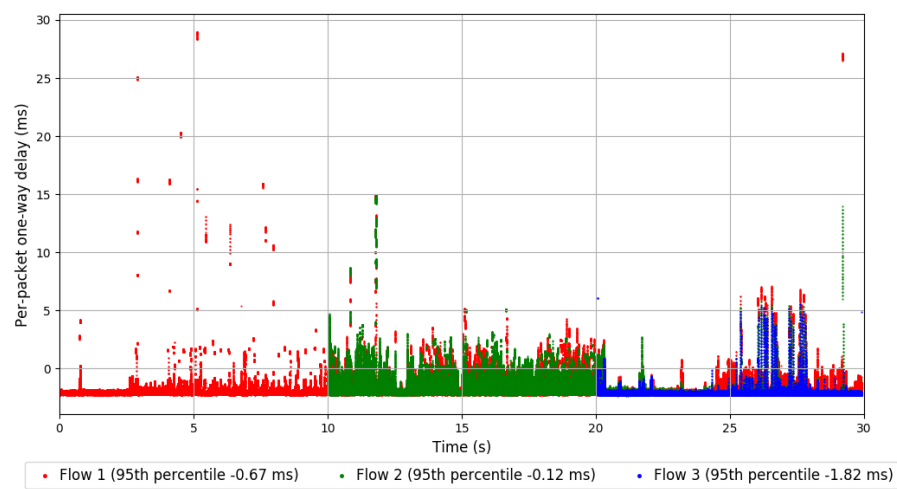
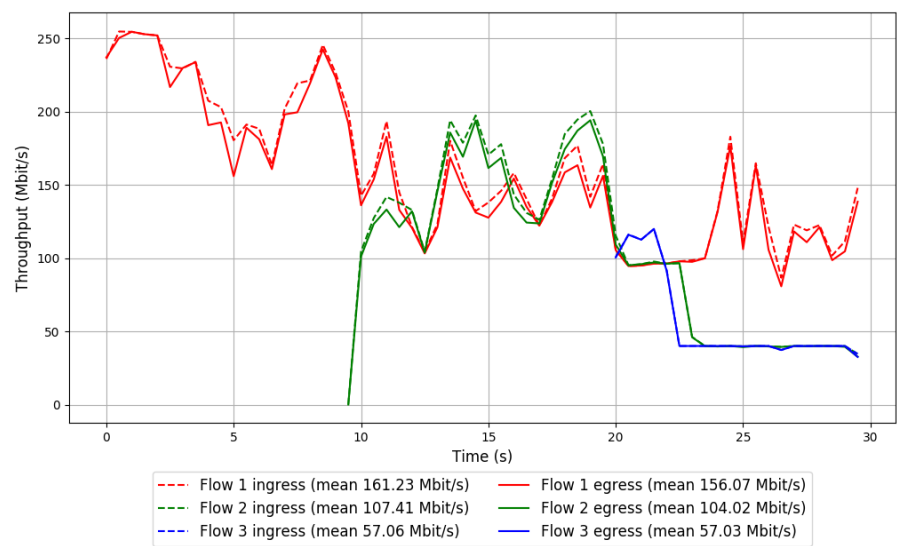
-- Flow 3:

Average throughput: 57.03 Mbit/s

95th percentile per-packet one-way delay: -1.822 ms

Loss rate: 0.25%

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



Run 6: Statistics of TaoVA-100x

Start at: Mon, 10 Jul 2017 01:13:04 +0000

End at: Mon, 10 Jul 2017 01:13:34 +0000

Local clock offset: 0.806 ms

Remote clock offset: -2.433 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:47:36 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 260.11 Mbit/s

95th percentile per-packet one-way delay: -0.770 ms

Loss rate: 1.86%

-- Flow 1:

Average throughput: 146.91 Mbit/s

95th percentile per-packet one-way delay: -1.123 ms

Loss rate: 1.35%

-- Flow 2:

Average throughput: 125.15 Mbit/s

95th percentile per-packet one-way delay: -0.311 ms

Loss rate: 2.45%

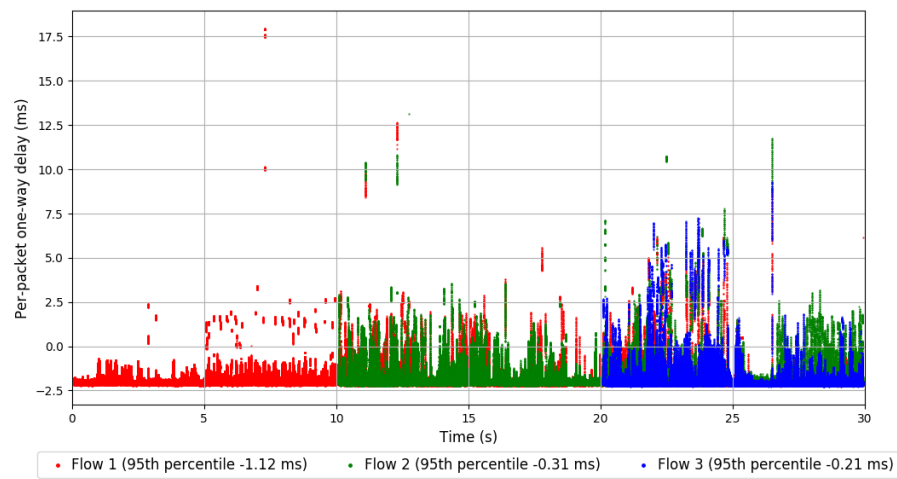
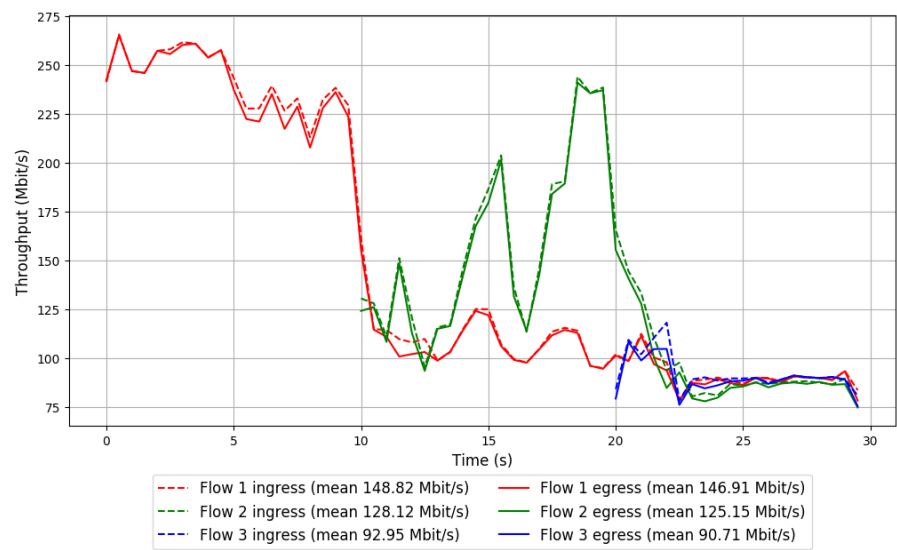
-- Flow 3:

Average throughput: 90.71 Mbit/s

95th percentile per-packet one-way delay: -0.209 ms

Loss rate: 2.68%

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



Run 7: Statistics of TaoVA-100x

Start at: Mon, 10 Jul 2017 01:33:51 +0000

End at: Mon, 10 Jul 2017 01:34:21 +0000

Local clock offset: 0.781 ms

Remote clock offset: -2.525 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:48:19 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 253.30 Mbit/s

95th percentile per-packet one-way delay: -0.732 ms

Loss rate: 2.52%

-- Flow 1:

Average throughput: 146.50 Mbit/s

95th percentile per-packet one-way delay: -0.810 ms

Loss rate: 3.04%

-- Flow 2:

Average throughput: 111.75 Mbit/s

95th percentile per-packet one-way delay: -0.453 ms

Loss rate: 2.30%

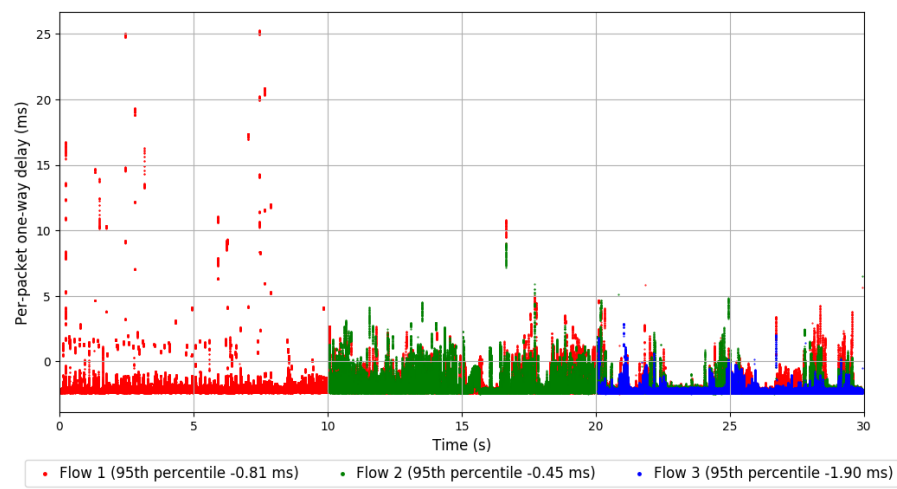
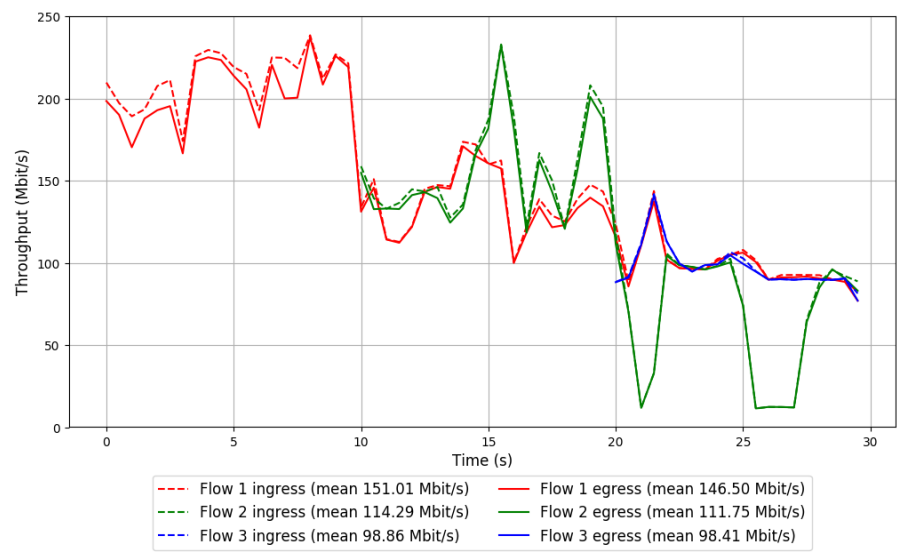
-- Flow 3:

Average throughput: 98.41 Mbit/s

95th percentile per-packet one-way delay: -1.896 ms

Loss rate: 0.65%

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



Run 8: Statistics of TaoVA-100x

Start at: Mon, 10 Jul 2017 01:54:37 +0000

End at: Mon, 10 Jul 2017 01:55:07 +0000

Local clock offset: 0.795 ms

Remote clock offset: -2.545 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:48:42 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 264.39 Mbit/s

95th percentile per-packet one-way delay: -0.364 ms

Loss rate: 3.03%

-- Flow 1:

Average throughput: 155.95 Mbit/s

95th percentile per-packet one-way delay: -0.524 ms

Loss rate: 2.47%

-- Flow 2:

Average throughput: 139.22 Mbit/s

95th percentile per-packet one-way delay: -0.021 ms

Loss rate: 4.39%

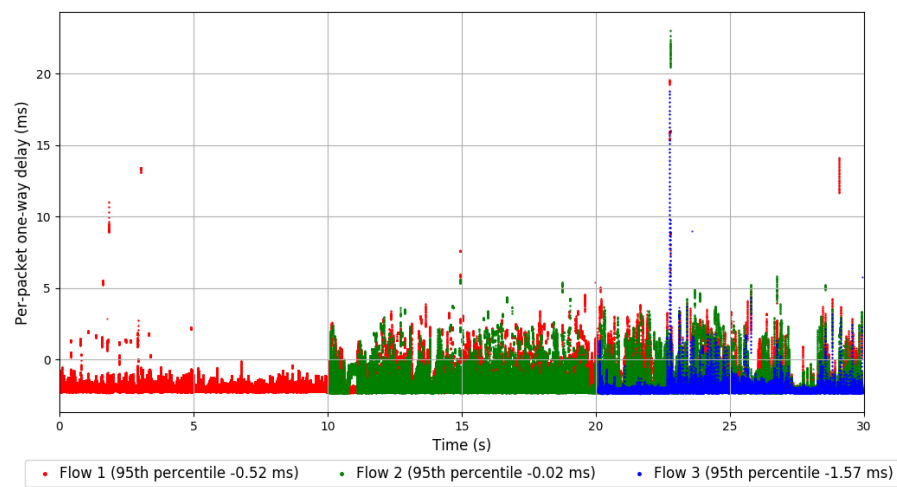
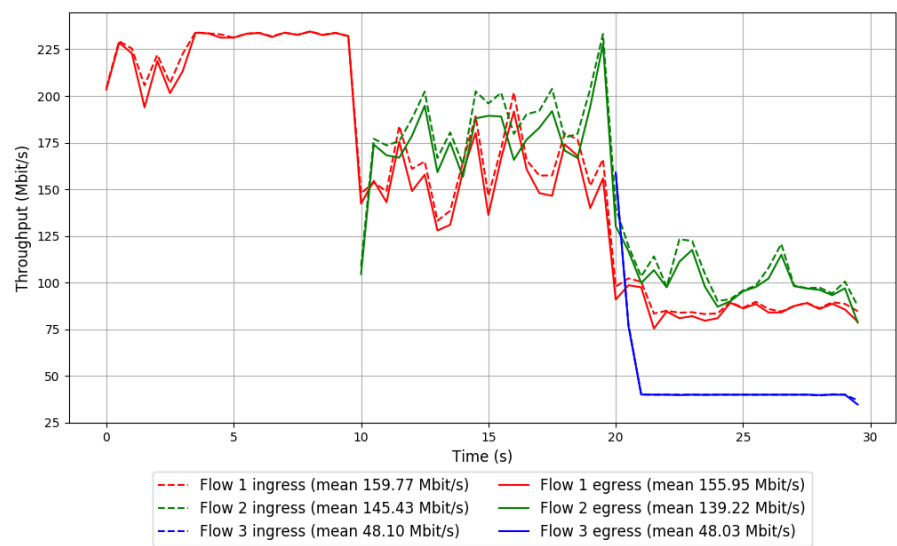
-- Flow 3:

Average throughput: 48.03 Mbit/s

95th percentile per-packet one-way delay: -1.571 ms

Loss rate: 0.33%

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



Run 9: Statistics of TaoVA-100x

Start at: Mon, 10 Jul 2017 02:15:25 +0000

End at: Mon, 10 Jul 2017 02:15:55 +0000

Local clock offset: 0.708 ms

Remote clock offset: -2.657 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:49:23 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 243.33 Mbit/s

95th percentile per-packet one-way delay: -0.702 ms

Loss rate: 1.34%

-- Flow 1:

Average throughput: 152.57 Mbit/s

95th percentile per-packet one-way delay: -0.938 ms

Loss rate: 0.95%

-- Flow 2:

Average throughput: 107.39 Mbit/s

95th percentile per-packet one-way delay: -0.395 ms

Loss rate: 2.15%

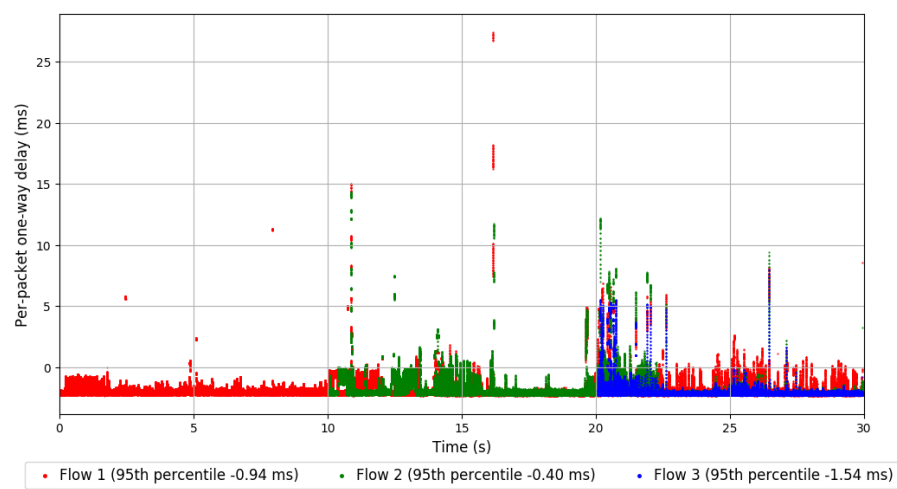
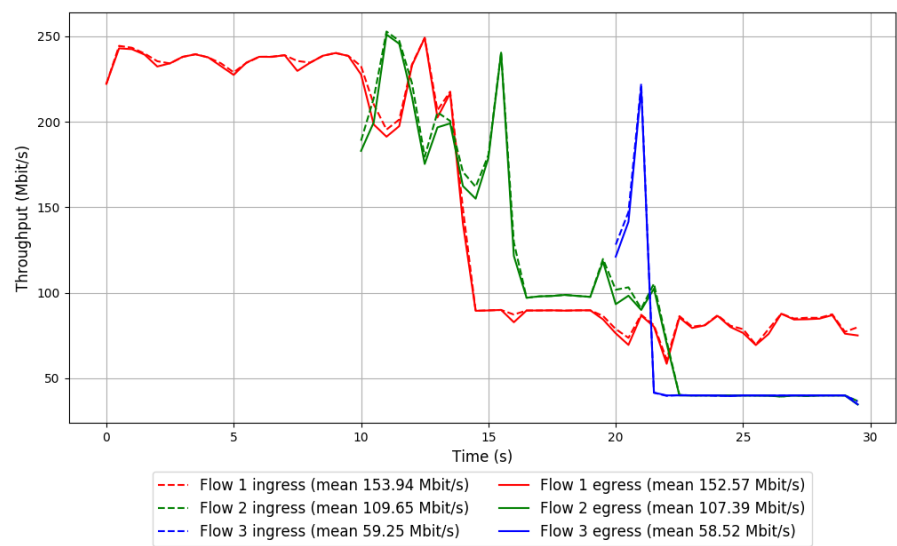
-- Flow 3:

Average throughput: 58.52 Mbit/s

95th percentile per-packet one-way delay: -1.543 ms

Loss rate: 1.43%

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



Run 10: Statistics of TaoVA-100x

Start at: Mon, 10 Jul 2017 02:36:12 +0000

End at: Mon, 10 Jul 2017 02:36:42 +0000

Local clock offset: 0.727 ms

Remote clock offset: -2.464 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:49:55 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 271.53 Mbit/s

95th percentile per-packet one-way delay: -0.224 ms

Loss rate: 2.21%

-- Flow 1:

Average throughput: 156.15 Mbit/s

95th percentile per-packet one-way delay: -0.392 ms

Loss rate: 1.63%

-- Flow 2:

Average throughput: 121.97 Mbit/s

95th percentile per-packet one-way delay: -0.029 ms

Loss rate: 2.56%

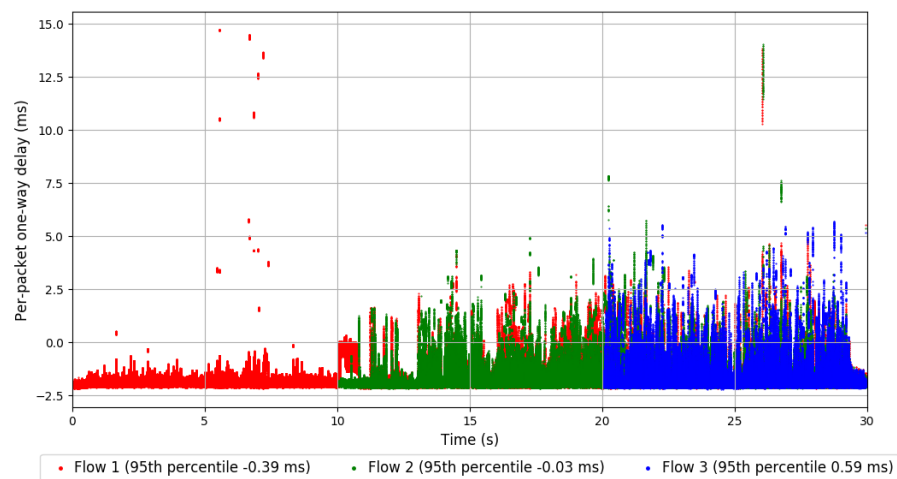
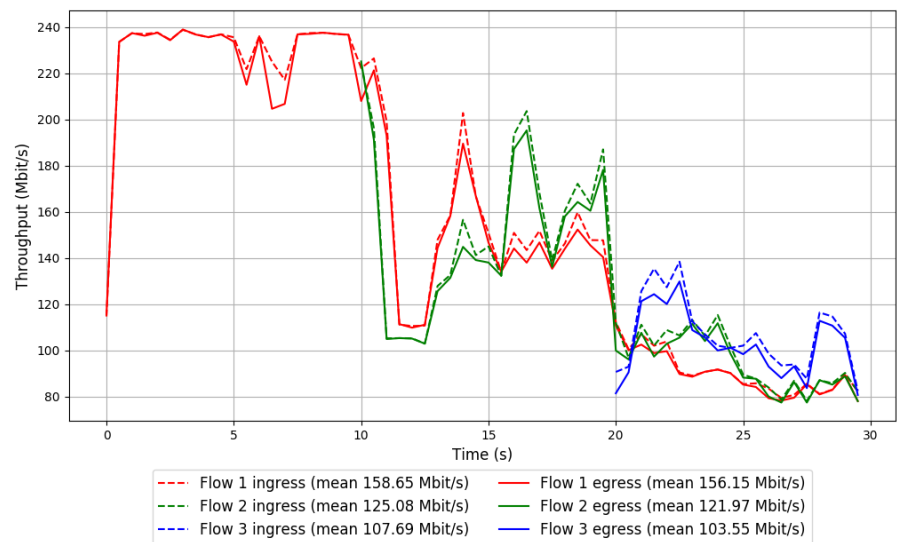
-- Flow 3:

Average throughput: 103.55 Mbit/s

95th percentile per-packet one-way delay: 0.591 ms

Loss rate: 4.01%

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



Run 1: Statistics of TCP Vegas

Start at: Sun, 09 Jul 2017 23:30:43 +0000

End at: Sun, 09 Jul 2017 23:31:13 +0000

Local clock offset: 0.729 ms

Remote clock offset: -1.7 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:49:57 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 157.04 Mbit/s

95th percentile per-packet one-way delay: -0.841 ms

Loss rate: 0.64%

-- Flow 1:

Average throughput: 76.20 Mbit/s

95th percentile per-packet one-way delay: -0.960 ms

Loss rate: 0.62%

-- Flow 2:

Average throughput: 76.61 Mbit/s

95th percentile per-packet one-way delay: -0.719 ms

Loss rate: 0.62%

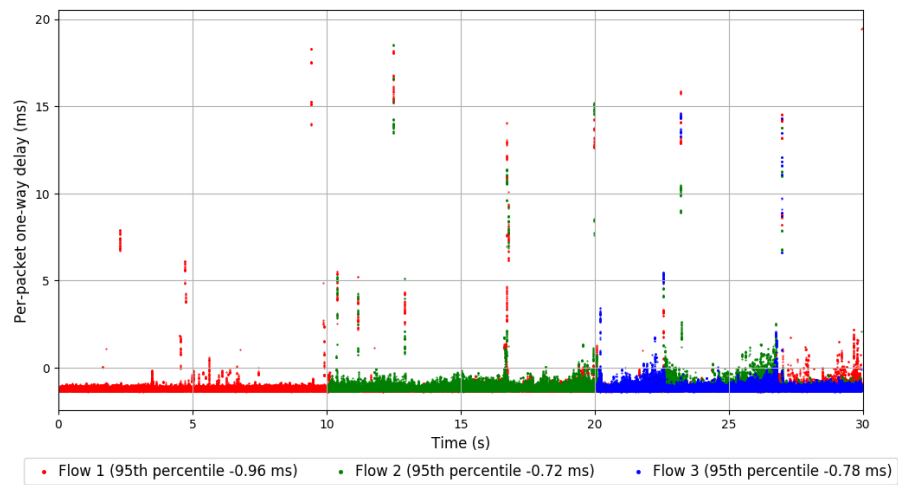
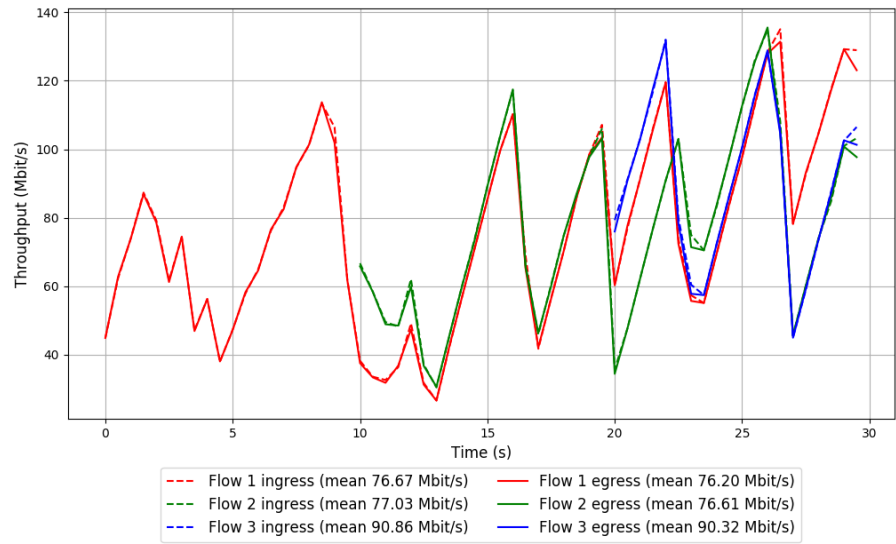
-- Flow 3:

Average throughput: 90.32 Mbit/s

95th percentile per-packet one-way delay: -0.779 ms

Loss rate: 0.75%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: Sun, 09 Jul 2017 23:51:25 +0000

End at: Sun, 09 Jul 2017 23:51:55 +0000

Local clock offset: 0.75 ms

Remote clock offset: -1.774 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:50:18 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 176.62 Mbit/s

95th percentile per-packet one-way delay: -1.110 ms

Loss rate: 0.50%

-- Flow 1:

Average throughput: 90.20 Mbit/s

95th percentile per-packet one-way delay: -1.101 ms

Loss rate: 0.47%

-- Flow 2:

Average throughput: 84.74 Mbit/s

95th percentile per-packet one-way delay: -1.151 ms

Loss rate: 0.40%

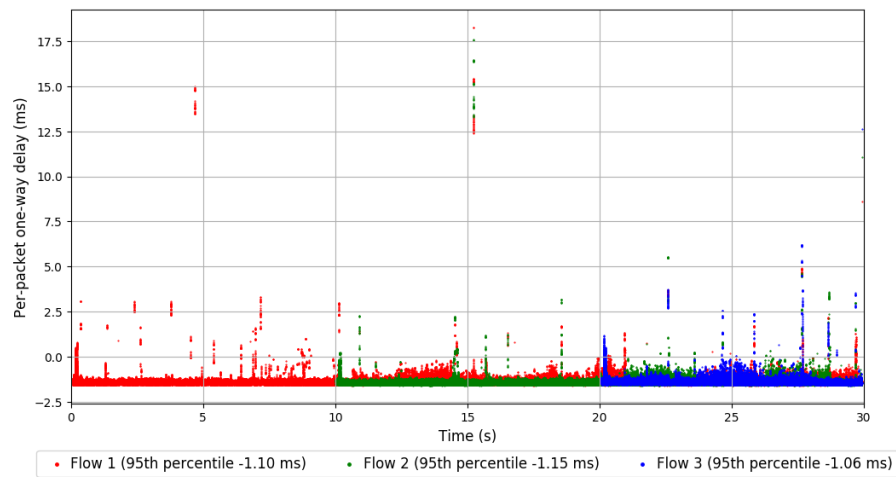
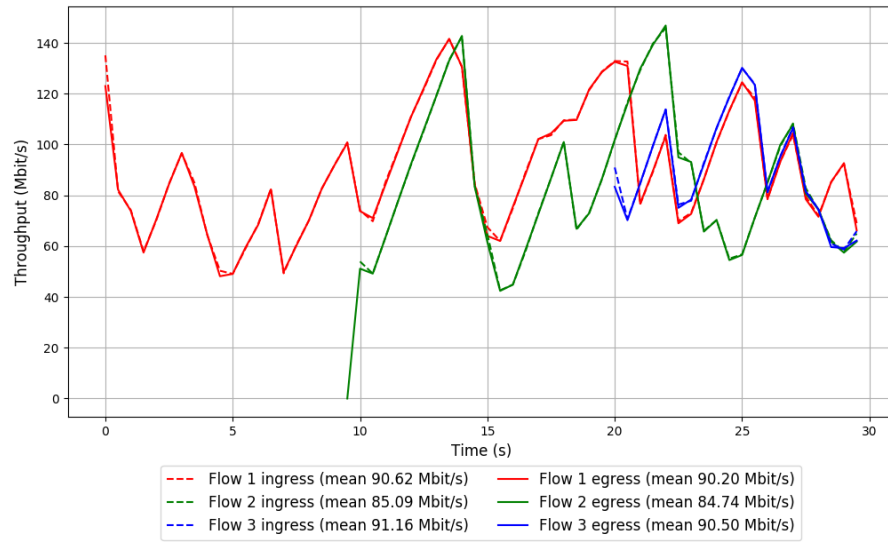
-- Flow 3:

Average throughput: 90.50 Mbit/s

95th percentile per-packet one-way delay: -1.063 ms

Loss rate: 0.78%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: Mon, 10 Jul 2017 00:12:12 +0000

End at: Mon, 10 Jul 2017 00:12:42 +0000

Local clock offset: 0.865 ms

Remote clock offset: -1.74 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:50:23 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 192.11 Mbit/s

95th percentile per-packet one-way delay: -1.163 ms

Loss rate: 0.36%

-- Flow 1:

Average throughput: 88.97 Mbit/s

95th percentile per-packet one-way delay: -1.176 ms

Loss rate: 0.29%

-- Flow 2:

Average throughput: 101.46 Mbit/s

95th percentile per-packet one-way delay: -1.142 ms

Loss rate: 0.27%

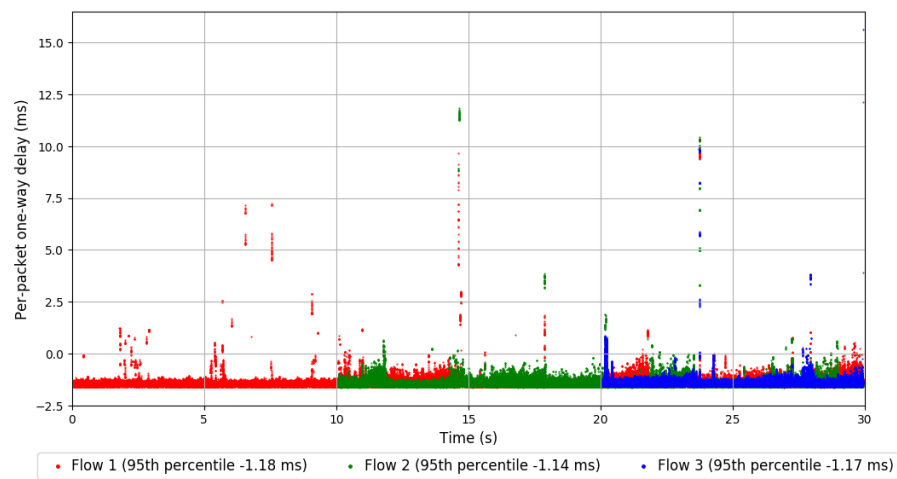
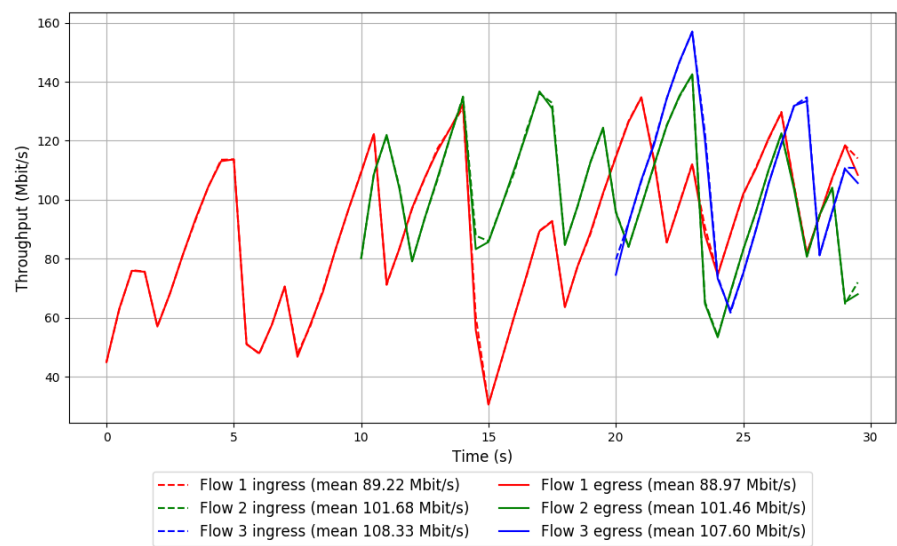
-- Flow 3:

Average throughput: 107.60 Mbit/s

95th percentile per-packet one-way delay: -1.171 ms

Loss rate: 0.69%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: Mon, 10 Jul 2017 00:32:58 +0000

End at: Mon, 10 Jul 2017 00:33:28 +0000

Local clock offset: 0.844 ms

Remote clock offset: -2.055 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:50:39 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 171.96 Mbit/s

95th percentile per-packet one-way delay: -1.498 ms

Loss rate: 0.45%

-- Flow 1:

Average throughput: 82.63 Mbit/s

95th percentile per-packet one-way delay: -1.489 ms

Loss rate: 0.37%

-- Flow 2:

Average throughput: 76.05 Mbit/s

95th percentile per-packet one-way delay: -1.482 ms

Loss rate: 0.65%

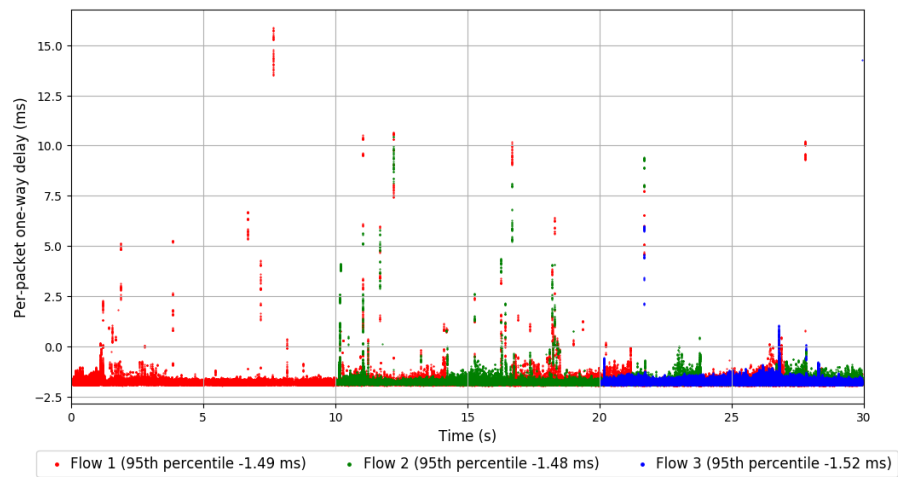
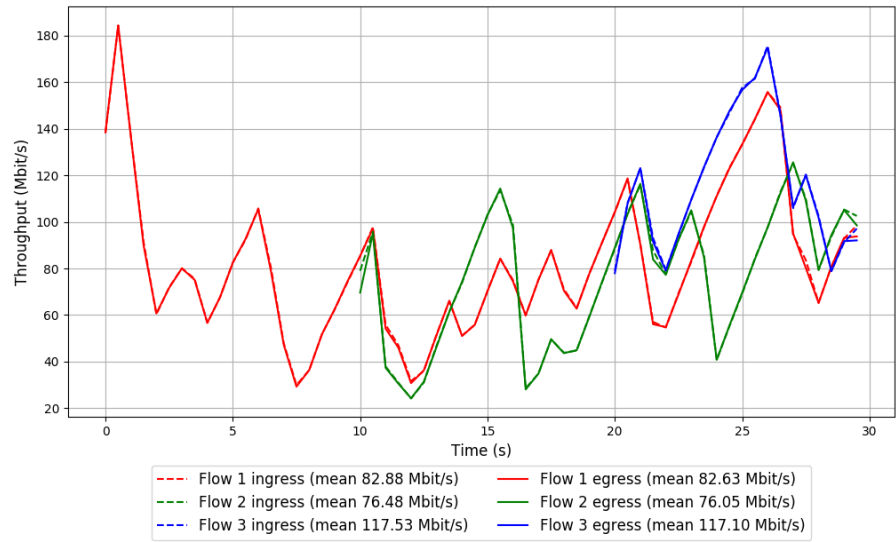
-- Flow 3:

Average throughput: 117.10 Mbit/s

95th percentile per-packet one-way delay: -1.525 ms

Loss rate: 0.37%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: Mon, 10 Jul 2017 00:53:52 +0000

End at: Mon, 10 Jul 2017 00:54:22 +0000

Local clock offset: 0.719 ms

Remote clock offset: -2.506 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:50:48 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 172.74 Mbit/s

95th percentile per-packet one-way delay: -1.798 ms

Loss rate: 0.55%

-- Flow 1:

Average throughput: 79.20 Mbit/s

95th percentile per-packet one-way delay: -1.817 ms

Loss rate: 0.40%

-- Flow 2:

Average throughput: 86.93 Mbit/s

95th percentile per-packet one-way delay: -1.724 ms

Loss rate: 0.39%

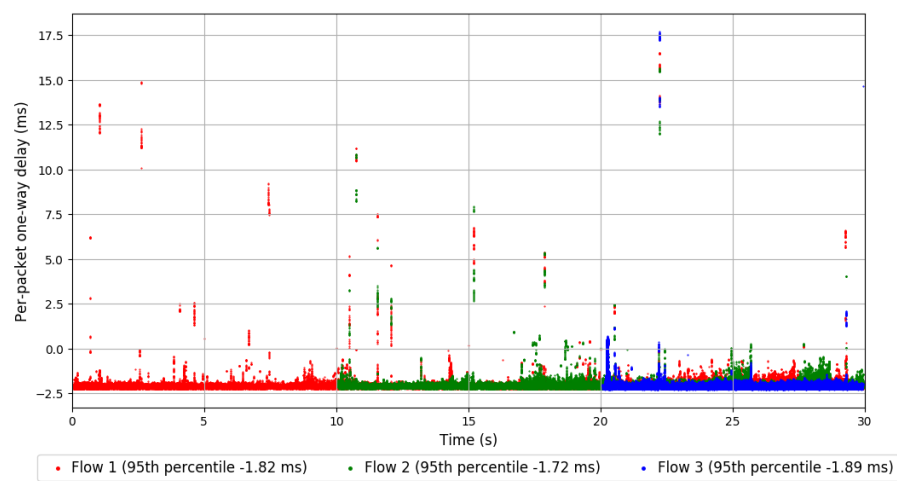
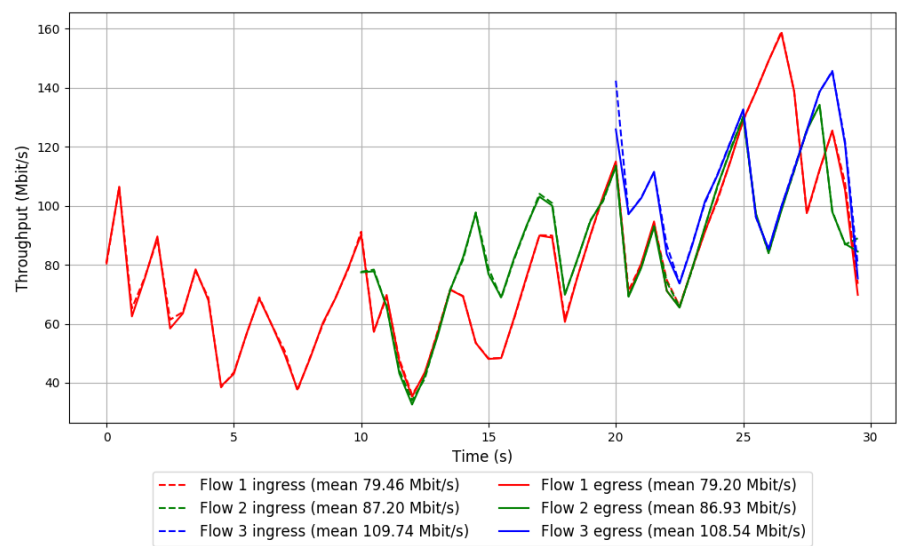
-- Flow 3:

Average throughput: 108.54 Mbit/s

95th percentile per-packet one-way delay: -1.885 ms

Loss rate: 1.15%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: Mon, 10 Jul 2017 01:14:38 +0000

End at: Mon, 10 Jul 2017 01:15:08 +0000

Local clock offset: 0.726 ms

Remote clock offset: -2.413 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:51:05 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 189.11 Mbit/s

95th percentile per-packet one-way delay: -1.789 ms

Loss rate: 0.38%

-- Flow 1:

Average throughput: 105.59 Mbit/s

95th percentile per-packet one-way delay: -1.836 ms

Loss rate: 0.19%

-- Flow 2:

Average throughput: 92.64 Mbit/s

95th percentile per-packet one-way delay: -1.714 ms

Loss rate: 0.48%

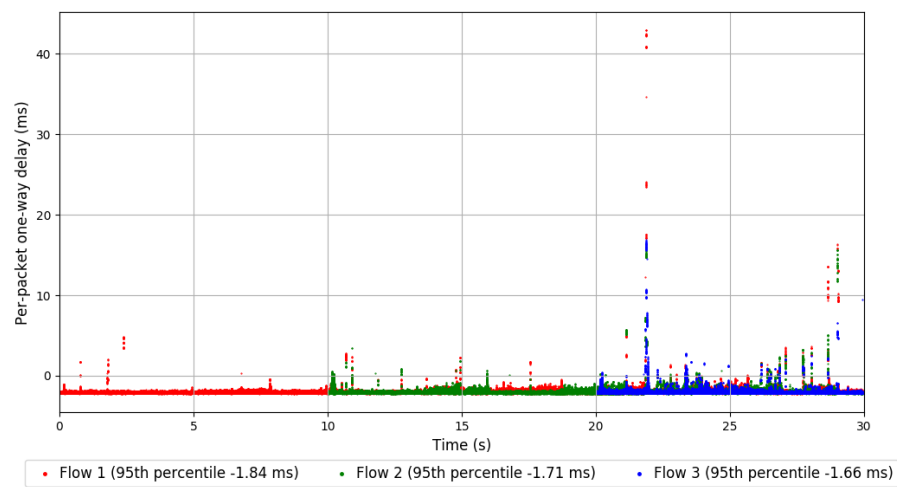
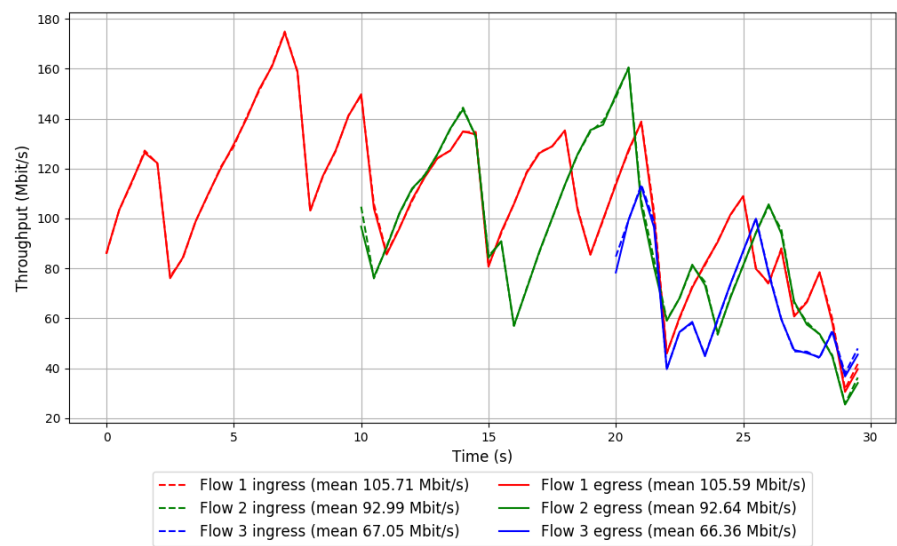
-- Flow 3:

Average throughput: 66.36 Mbit/s

95th percentile per-packet one-way delay: -1.656 ms

Loss rate: 1.02%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: Mon, 10 Jul 2017 01:35:25 +0000

End at: Mon, 10 Jul 2017 01:35:55 +0000

Local clock offset: 0.888 ms

Remote clock offset: -2.545 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:51:16 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 216.85 Mbit/s

95th percentile per-packet one-way delay: -1.941 ms

Loss rate: 0.27%

-- Flow 1:

Average throughput: 98.32 Mbit/s

95th percentile per-packet one-way delay: -2.020 ms

Loss rate: 0.21%

-- Flow 2:

Average throughput: 123.38 Mbit/s

95th percentile per-packet one-way delay: -1.975 ms

Loss rate: 0.21%

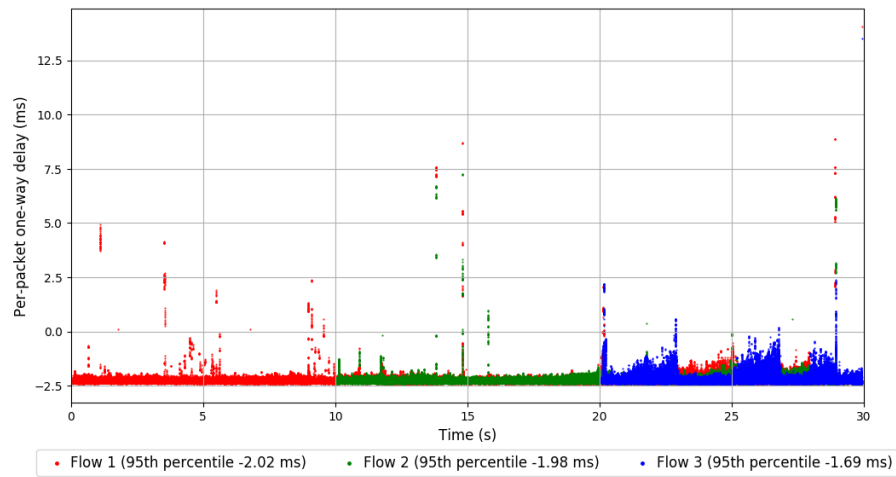
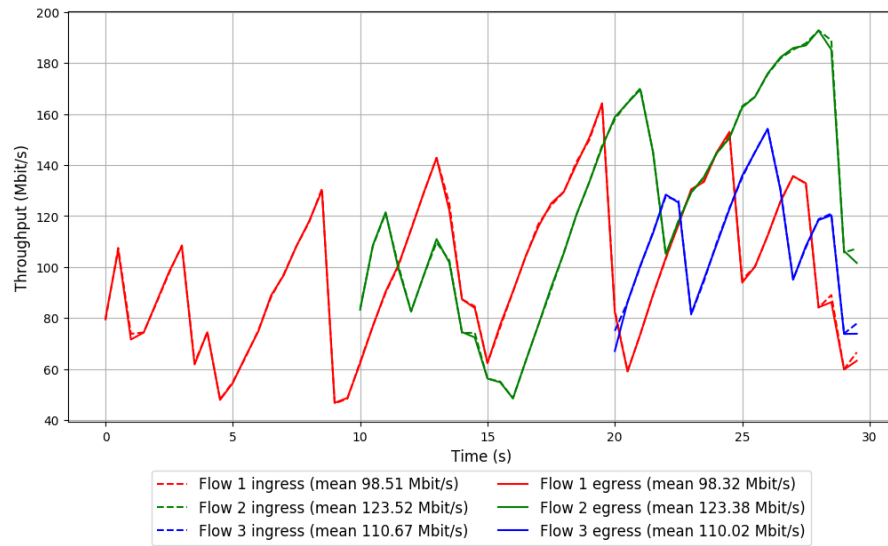
-- Flow 3:

Average throughput: 110.02 Mbit/s

95th percentile per-packet one-way delay: -1.693 ms

Loss rate: 0.57%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: Mon, 10 Jul 2017 01:56:11 +0000

End at: Mon, 10 Jul 2017 01:56:41 +0000

Local clock offset: 0.68 ms

Remote clock offset: -2.625 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:51:33 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 203.75 Mbit/s

95th percentile per-packet one-way delay: -1.882 ms

Loss rate: 0.24%

-- Flow 1:

Average throughput: 105.23 Mbit/s

95th percentile per-packet one-way delay: -1.914 ms

Loss rate: 0.22%

-- Flow 2:

Average throughput: 89.63 Mbit/s

95th percentile per-packet one-way delay: -1.871 ms

Loss rate: 0.20%

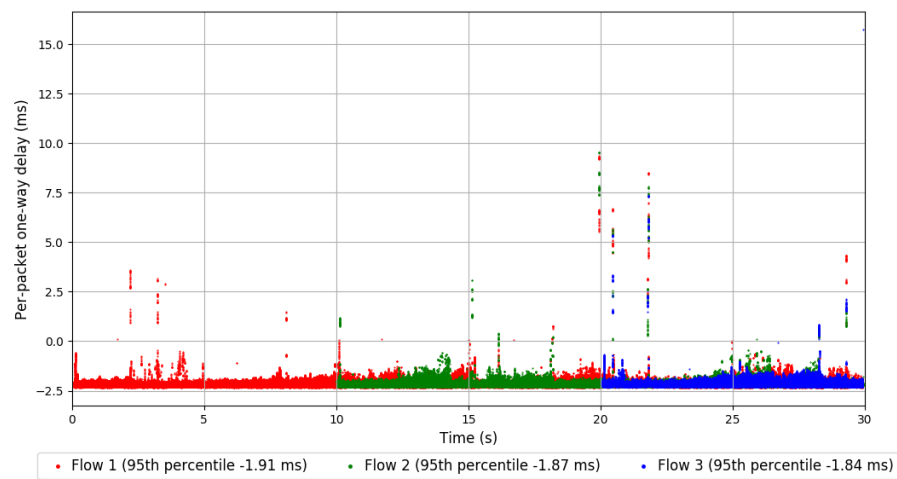
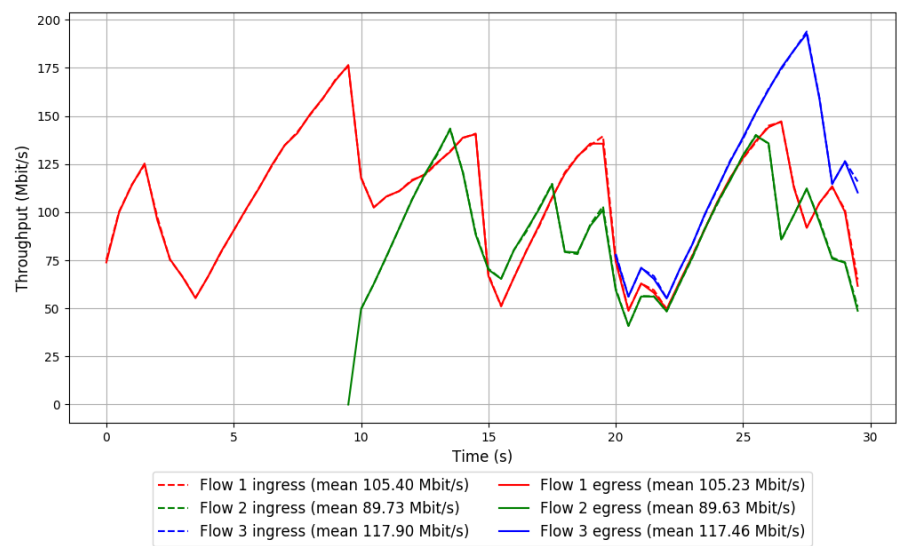
-- Flow 3:

Average throughput: 117.46 Mbit/s

95th percentile per-packet one-way delay: -1.843 ms

Loss rate: 0.36%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: Mon, 10 Jul 2017 02:16:58 +0000

End at: Mon, 10 Jul 2017 02:17:28 +0000

Local clock offset: 0.719 ms

Remote clock offset: -2.607 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:51:42 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 181.61 Mbit/s

95th percentile per-packet one-way delay: -1.836 ms

Loss rate: 0.37%

-- Flow 1:

Average throughput: 79.99 Mbit/s

95th percentile per-packet one-way delay: -1.887 ms

Loss rate: 0.38%

-- Flow 2:

Average throughput: 75.53 Mbit/s

95th percentile per-packet one-way delay: -1.729 ms

Loss rate: 0.39%

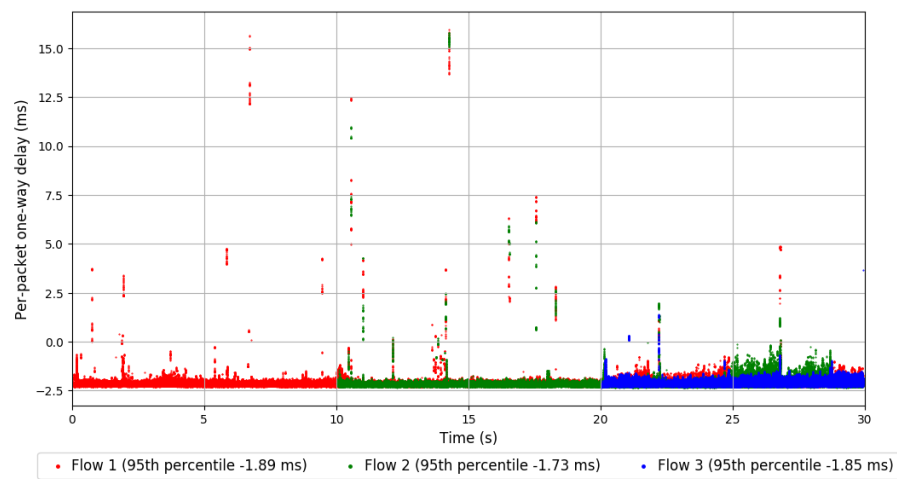
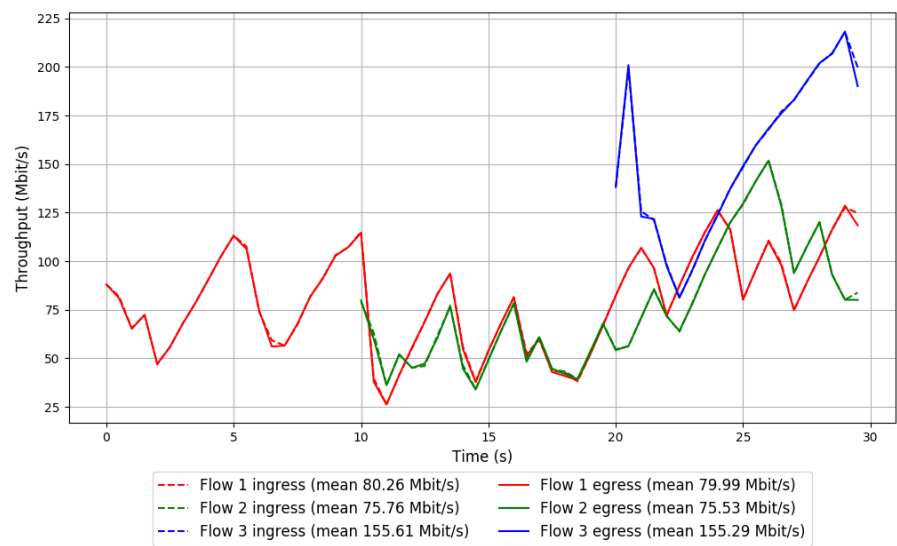
-- Flow 3:

Average throughput: 155.29 Mbit/s

95th percentile per-packet one-way delay: -1.852 ms

Loss rate: 0.33%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: Mon, 10 Jul 2017 02:37:47 +0000

End at: Mon, 10 Jul 2017 02:38:17 +0000

Local clock offset: 0.759 ms

Remote clock offset: -2.362 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:51:56 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 165.57 Mbit/s

95th percentile per-packet one-way delay: -1.737 ms

Loss rate: 0.44%

-- Flow 1:

Average throughput: 81.32 Mbit/s

95th percentile per-packet one-way delay: -1.750 ms

Loss rate: 0.30%

-- Flow 2:

Average throughput: 88.83 Mbit/s

95th percentile per-packet one-way delay: -1.739 ms

Loss rate: 0.54%

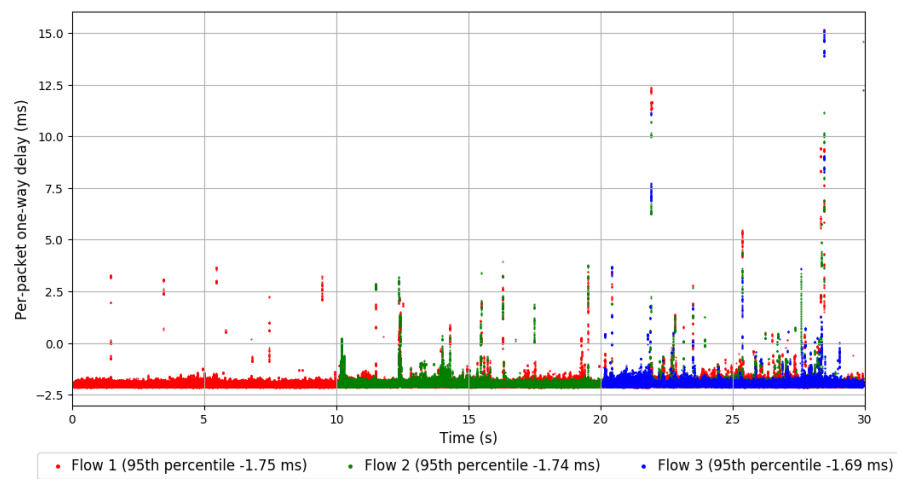
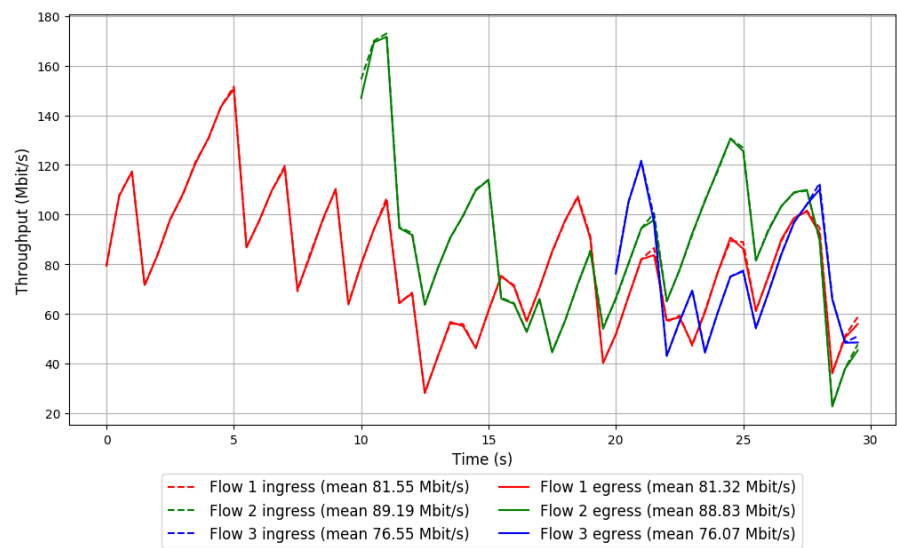
-- Flow 3:

Average throughput: 76.07 Mbit/s

95th percentile per-packet one-way delay: -1.689 ms

Loss rate: 0.66%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: Sun, 09 Jul 2017 23:41:58 +0000

End at: Sun, 09 Jul 2017 23:42:28 +0000

Local clock offset: 0.686 ms

Remote clock offset: -1.63 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:52:11 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 191.88 Mbit/s

95th percentile per-packet one-way delay: 2.020 ms

Loss rate: 35.44%

-- Flow 1:

Average throughput: 104.38 Mbit/s

95th percentile per-packet one-way delay: 1.861 ms

Loss rate: 38.77%

-- Flow 2:

Average throughput: 95.09 Mbit/s

95th percentile per-packet one-way delay: 2.273 ms

Loss rate: 33.57%

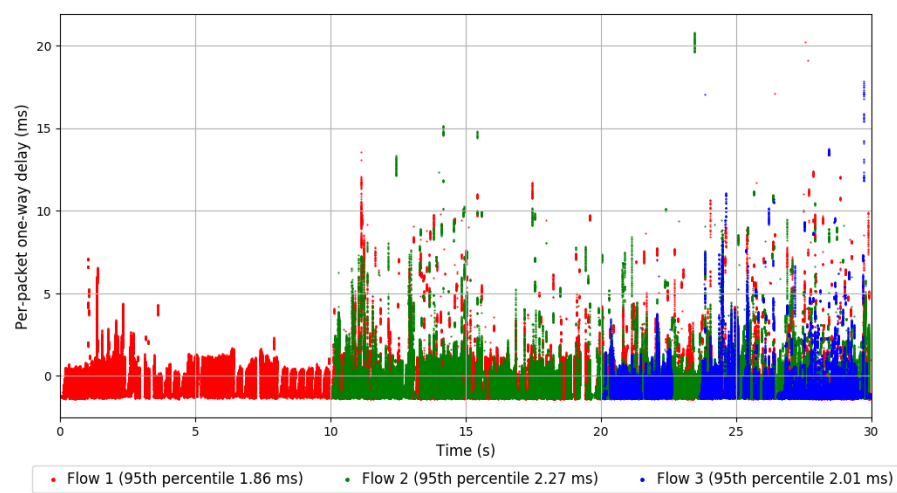
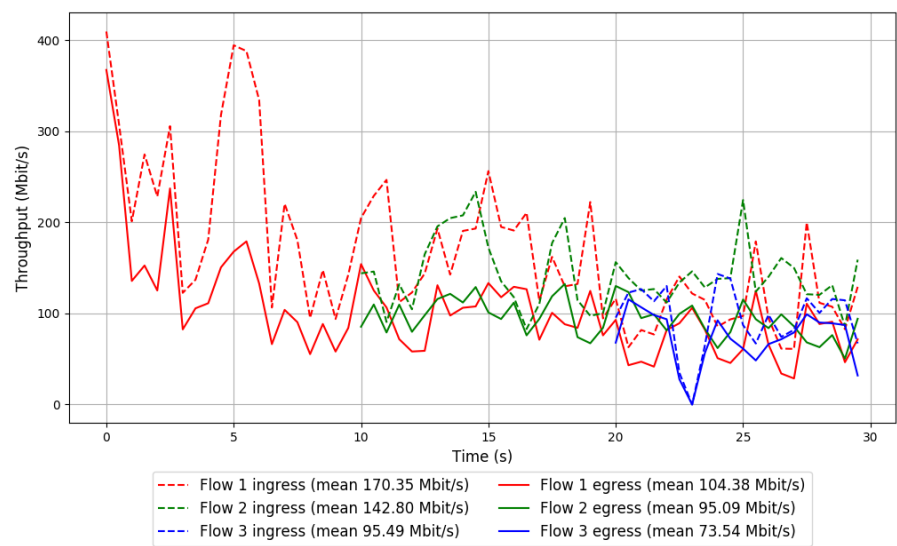
-- Flow 3:

Average throughput: 73.54 Mbit/s

95th percentile per-packet one-way delay: 2.009 ms

Loss rate: 23.15%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: Mon, 10 Jul 2017 00:02:40 +0000

End at: Mon, 10 Jul 2017 00:03:10 +0000

Local clock offset: 0.753 ms

Remote clock offset: -1.798 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:52:26 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 186.84 Mbit/s

95th percentile per-packet one-way delay: 2.132 ms

Loss rate: 45.55%

-- Flow 1:

Average throughput: 105.38 Mbit/s

95th percentile per-packet one-way delay: 1.980 ms

Loss rate: 53.06%

-- Flow 2:

Average throughput: 83.97 Mbit/s

95th percentile per-packet one-way delay: 2.676 ms

Loss rate: 35.16%

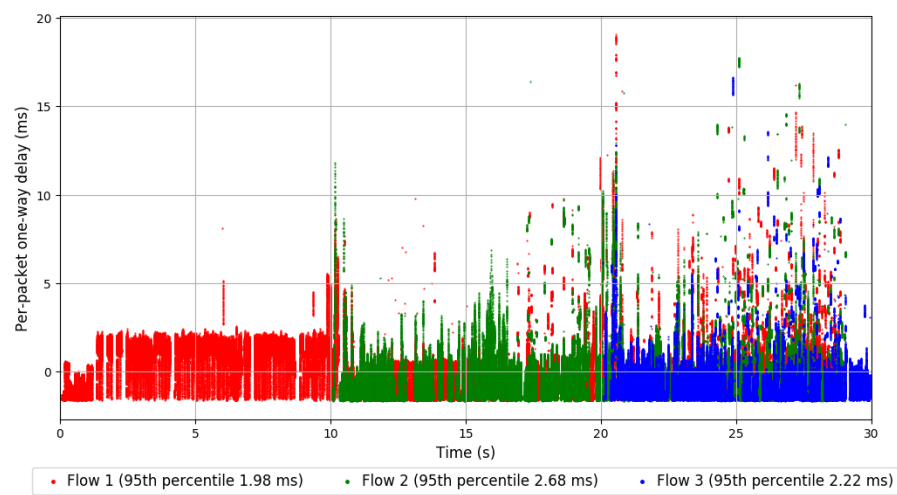
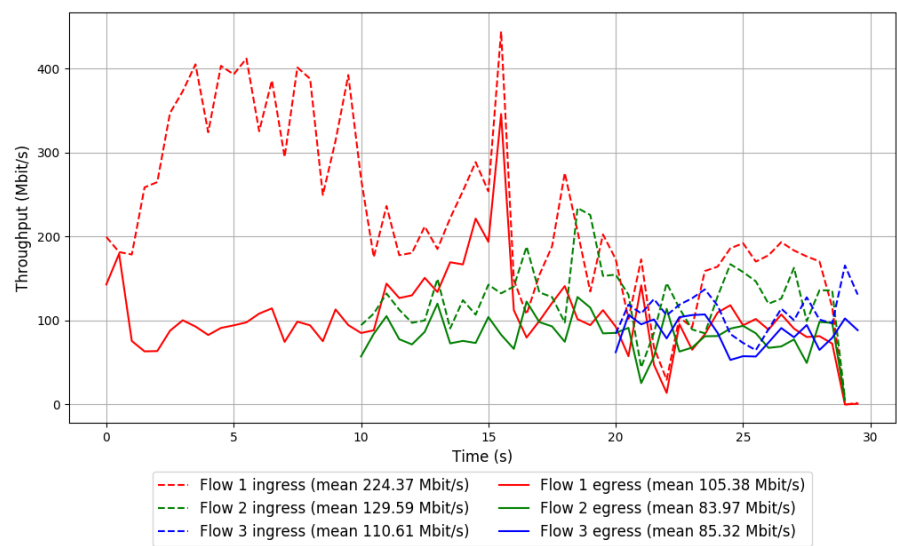
-- Flow 3:

Average throughput: 85.32 Mbit/s

95th percentile per-packet one-way delay: 2.223 ms

Loss rate: 22.87%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: Mon, 10 Jul 2017 00:23:34 +0000

End at: Mon, 10 Jul 2017 00:24:04 +0000

Local clock offset: 0.84 ms

Remote clock offset: -1.873 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:52:39 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 181.64 Mbit/s

95th percentile per-packet one-way delay: 2.260 ms

Loss rate: 37.48%

-- Flow 1:

Average throughput: 102.47 Mbit/s

95th percentile per-packet one-way delay: 1.422 ms

Loss rate: 39.31%

-- Flow 2:

Average throughput: 84.14 Mbit/s

95th percentile per-packet one-way delay: 2.615 ms

Loss rate: 37.88%

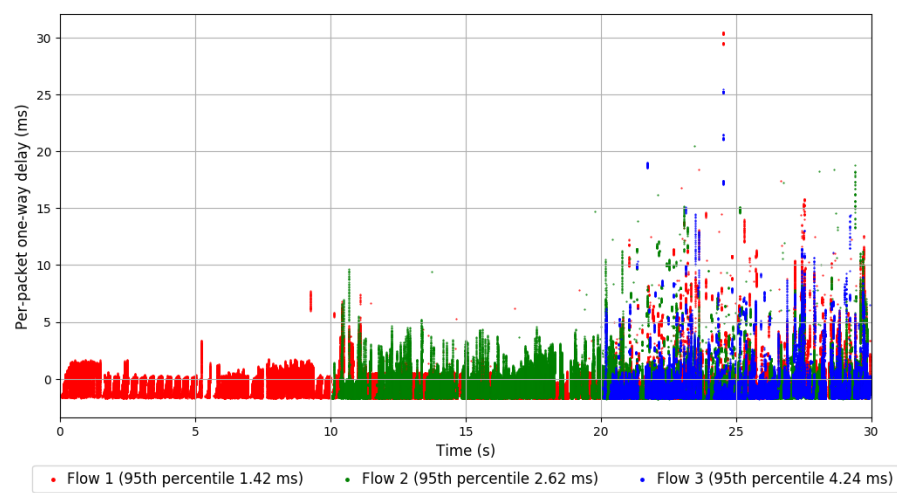
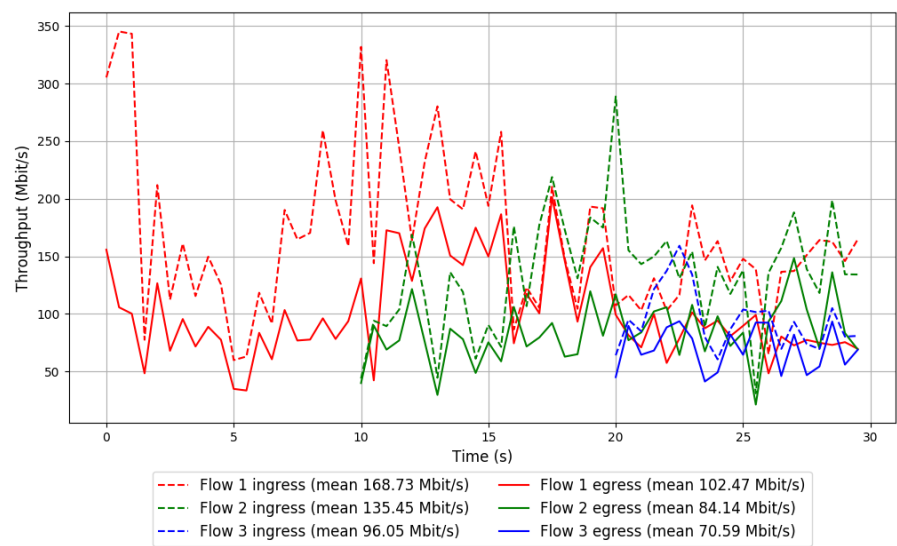
-- Flow 3:

Average throughput: 70.59 Mbit/s

95th percentile per-packet one-way delay: 4.239 ms

Loss rate: 26.61%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: Mon, 10 Jul 2017 00:44:17 +0000

End at: Mon, 10 Jul 2017 00:44:47 +0000

Local clock offset: 0.733 ms

Remote clock offset: -2.386 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:52:57 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 201.97 Mbit/s

95th percentile per-packet one-way delay: 1.620 ms

Loss rate: 39.50%

-- Flow 1:

Average throughput: 118.14 Mbit/s

95th percentile per-packet one-way delay: 0.858 ms

Loss rate: 41.33%

-- Flow 2:

Average throughput: 92.79 Mbit/s

95th percentile per-packet one-way delay: 2.038 ms

Loss rate: 32.48%

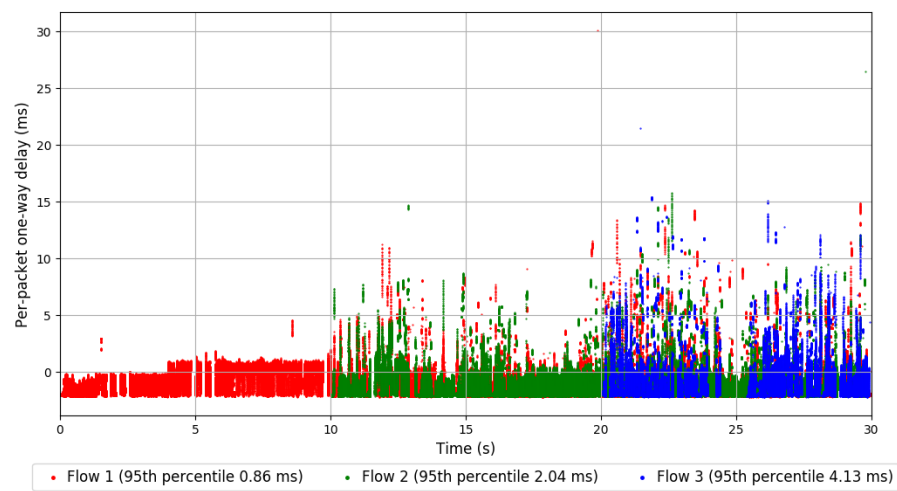
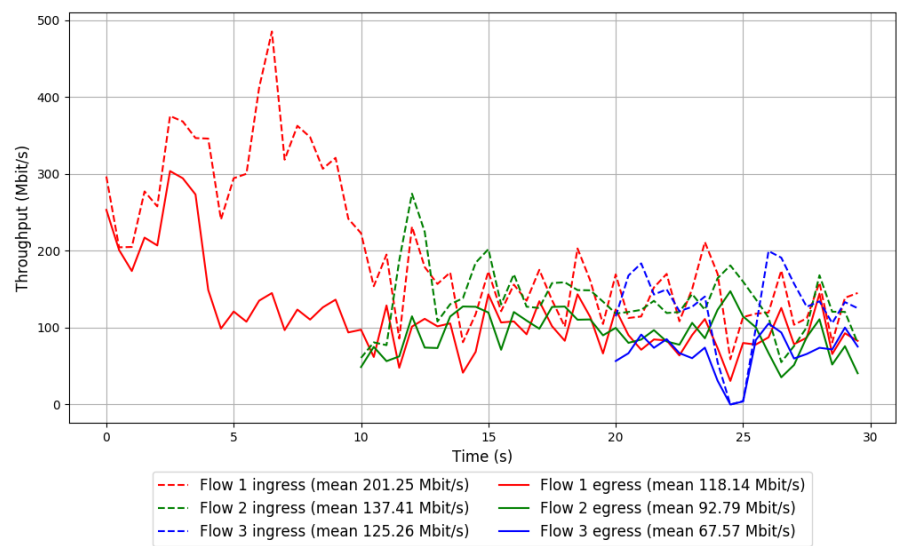
-- Flow 3:

Average throughput: 67.57 Mbit/s

95th percentile per-packet one-way delay: 4.133 ms

Loss rate: 46.03%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: Mon, 10 Jul 2017 01:05:09 +0000

End at: Mon, 10 Jul 2017 01:05:39 +0000

Local clock offset: 0.711 ms

Remote clock offset: -2.516 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:53:07 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 170.98 Mbit/s

95th percentile per-packet one-way delay: 0.989 ms

Loss rate: 33.88%

-- Flow 1:

Average throughput: 96.26 Mbit/s

95th percentile per-packet one-way delay: 0.391 ms

Loss rate: 30.33%

-- Flow 2:

Average throughput: 77.61 Mbit/s

95th percentile per-packet one-way delay: 1.603 ms

Loss rate: 37.07%

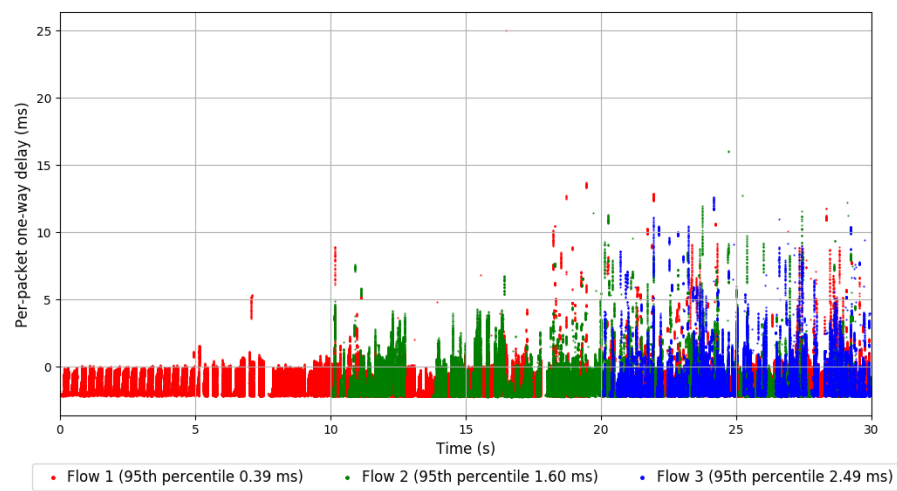
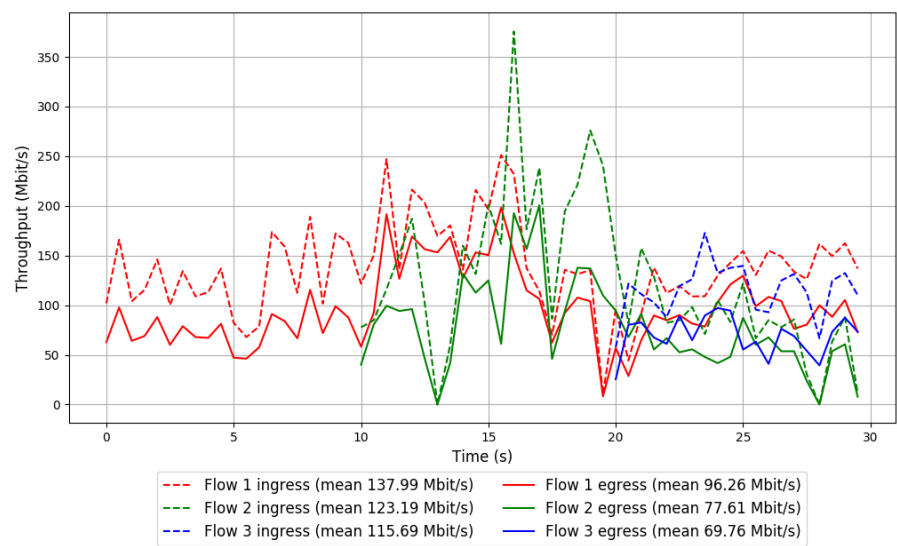
-- Flow 3:

Average throughput: 69.76 Mbit/s

95th percentile per-packet one-way delay: 2.490 ms

Loss rate: 39.82%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: Mon, 10 Jul 2017 01:25:53 +0000

End at: Mon, 10 Jul 2017 01:26:23 +0000

Local clock offset: 0.77 ms

Remote clock offset: -2.487 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:53:35 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 215.51 Mbit/s

95th percentile per-packet one-way delay: 1.585 ms

Loss rate: 37.11%

-- Flow 1:

Average throughput: 137.99 Mbit/s

95th percentile per-packet one-way delay: 0.941 ms

Loss rate: 35.18%

-- Flow 2:

Average throughput: 87.71 Mbit/s

95th percentile per-packet one-way delay: 2.108 ms

Loss rate: 38.80%

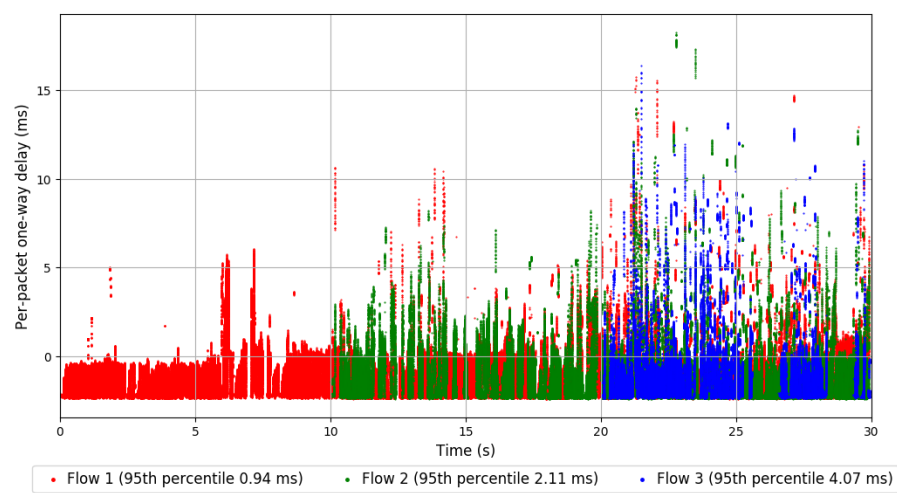
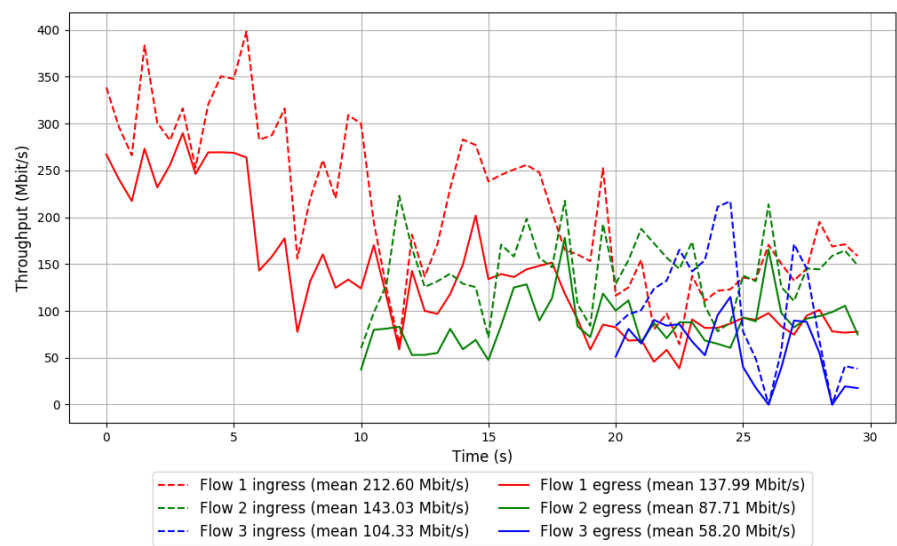
-- Flow 3:

Average throughput: 58.20 Mbit/s

95th percentile per-packet one-way delay: 4.072 ms

Loss rate: 44.33%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: Mon, 10 Jul 2017 01:46:37 +0000

End at: Mon, 10 Jul 2017 01:47:07 +0000

Local clock offset: 0.802 ms

Remote clock offset: -2.583 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:53:35 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 172.52 Mbit/s

95th percentile per-packet one-way delay: 2.139 ms

Loss rate: 40.37%

-- Flow 1:

Average throughput: 91.54 Mbit/s

95th percentile per-packet one-way delay: 1.974 ms

Loss rate: 47.05%

-- Flow 2:

Average throughput: 88.56 Mbit/s

95th percentile per-packet one-way delay: 1.495 ms

Loss rate: 21.91%

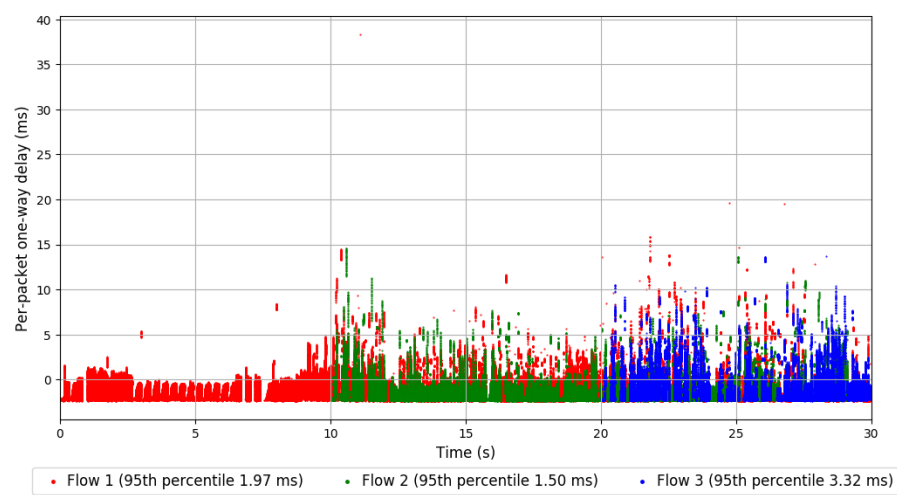
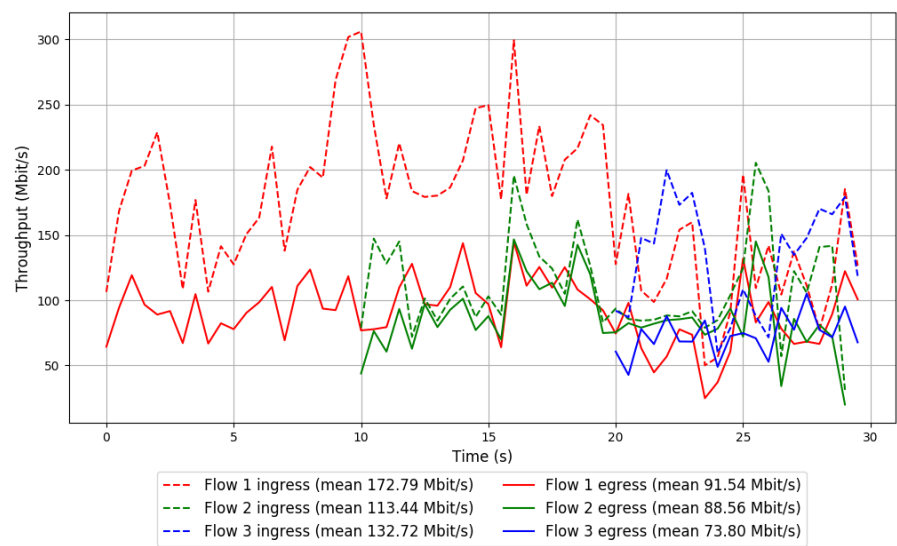
-- Flow 3:

Average throughput: 73.80 Mbit/s

95th percentile per-packet one-way delay: 3.318 ms

Loss rate: 44.48%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: Mon, 10 Jul 2017 02:07:28 +0000

End at: Mon, 10 Jul 2017 02:07:58 +0000

Local clock offset: 0.655 ms

Remote clock offset: -2.656 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:54:01 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 176.86 Mbit/s

95th percentile per-packet one-way delay: 1.378 ms

Loss rate: 42.08%

-- Flow 1:

Average throughput: 93.31 Mbit/s

95th percentile per-packet one-way delay: 1.252 ms

Loss rate: 49.37%

-- Flow 2:

Average throughput: 80.10 Mbit/s

95th percentile per-packet one-way delay: 1.285 ms

Loss rate: 28.58%

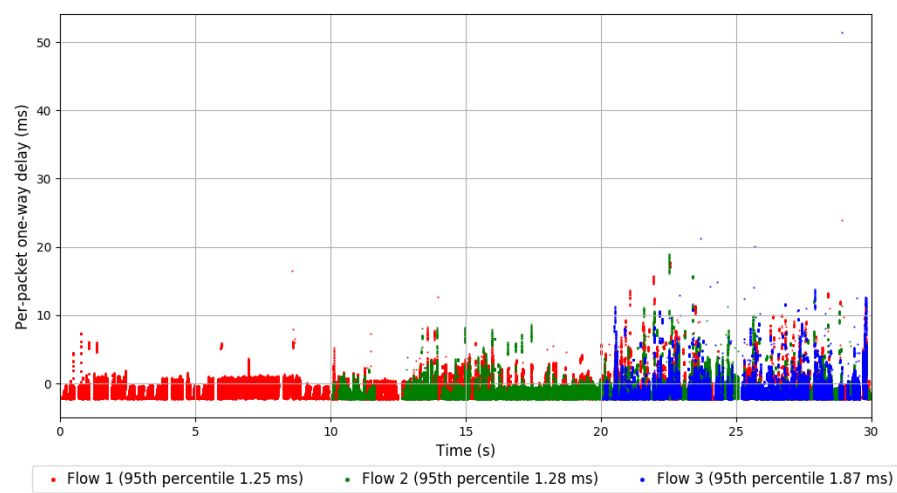
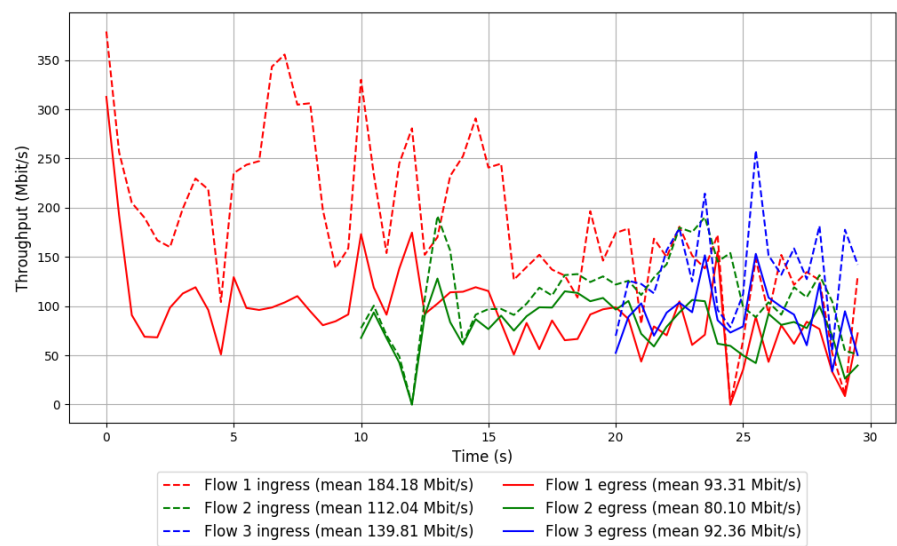
-- Flow 3:

Average throughput: 92.36 Mbit/s

95th percentile per-packet one-way delay: 1.874 ms

Loss rate: 34.83%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: Mon, 10 Jul 2017 02:28:14 +0000

End at: Mon, 10 Jul 2017 02:28:44 +0000

Local clock offset: 0.749 ms

Remote clock offset: -2.547 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:54:05 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 199.23 Mbit/s

95th percentile per-packet one-way delay: 0.796 ms

Loss rate: 37.46%

-- Flow 1:

Average throughput: 120.89 Mbit/s

95th percentile per-packet one-way delay: 0.575 ms

Loss rate: 42.00%

-- Flow 2:

Average throughput: 82.27 Mbit/s

95th percentile per-packet one-way delay: 1.027 ms

Loss rate: 23.19%

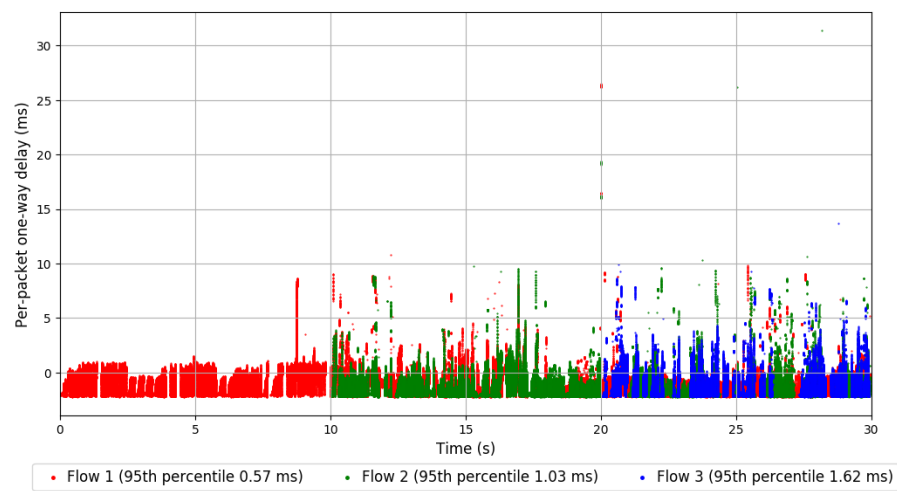
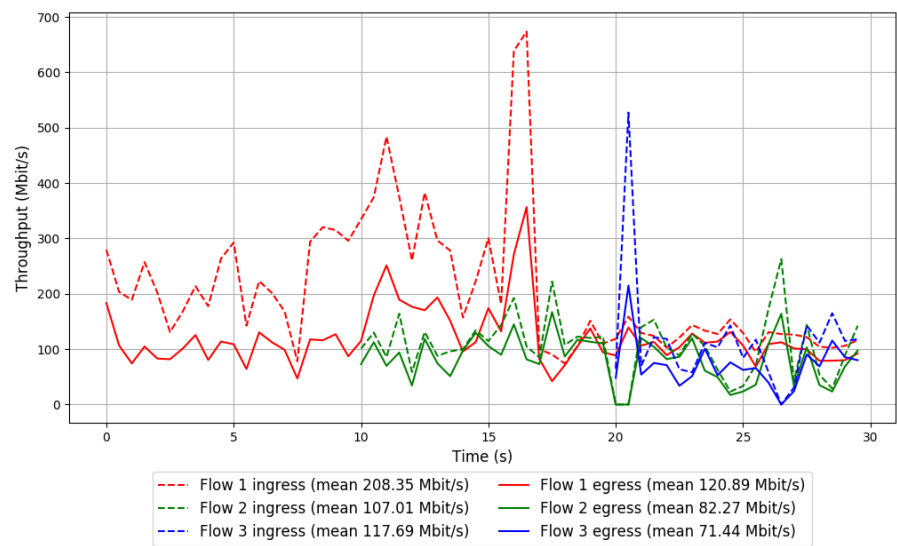
-- Flow 3:

Average throughput: 71.44 Mbit/s

95th percentile per-packet one-way delay: 1.622 ms

Loss rate: 39.29%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: Mon, 10 Jul 2017 02:49:01 +0000

End at: Mon, 10 Jul 2017 02:49:31 +0000

Local clock offset: 0.666 ms

Remote clock offset: -2.341 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:54:25 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 176.26 Mbit/s

95th percentile per-packet one-way delay: 1.238 ms

Loss rate: 30.42%

-- Flow 1:

Average throughput: 89.54 Mbit/s

95th percentile per-packet one-way delay: 0.965 ms

Loss rate: 32.45%

-- Flow 2:

Average throughput: 86.61 Mbit/s

95th percentile per-packet one-way delay: 1.293 ms

Loss rate: 27.03%

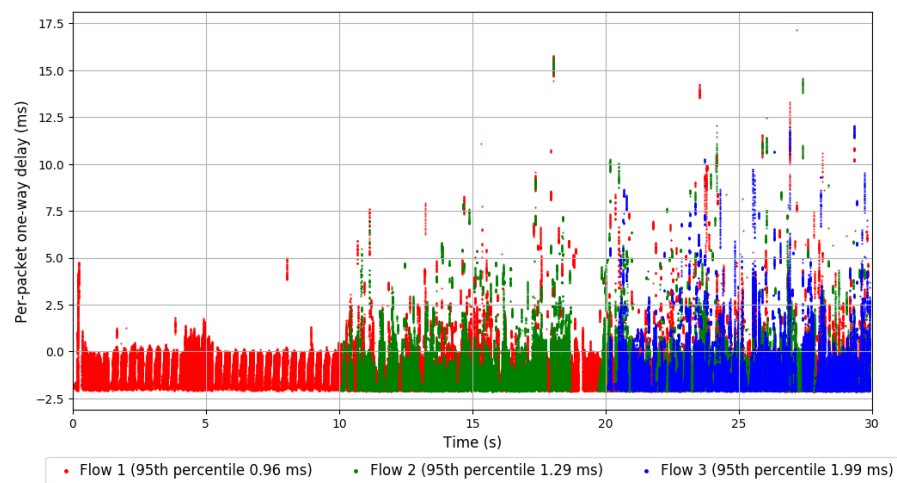
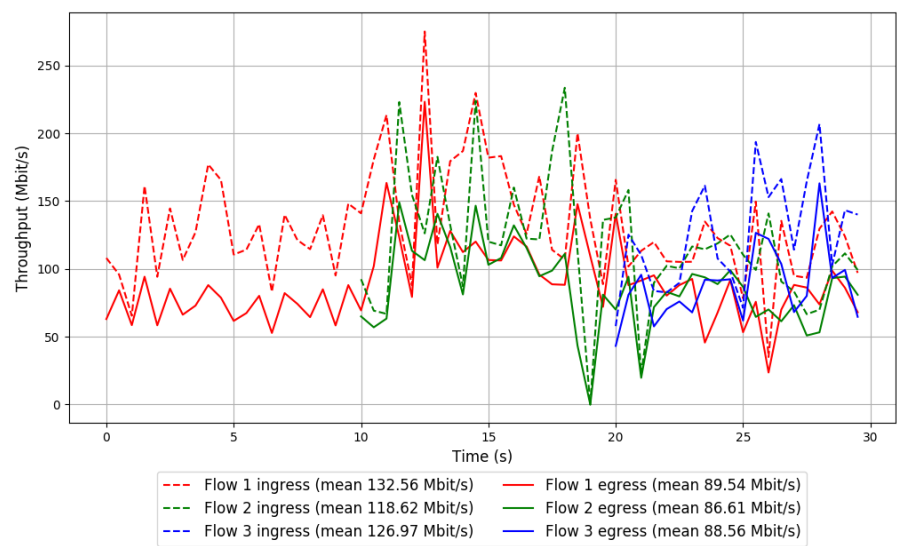
-- Flow 3:

Average throughput: 88.56 Mbit/s

95th percentile per-packet one-way delay: 1.987 ms

Loss rate: 30.40%

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 23:43:23 +0000

End at: Sun, 09 Jul 2017 23:43:53 +0000

Local clock offset: 0.777 ms

Remote clock offset: -1.642 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:54:25 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.04 Mbit/s

95th percentile per-packet one-way delay: -0.436 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.25 Mbit/s

95th percentile per-packet one-way delay: -0.599 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.40 Mbit/s

95th percentile per-packet one-way delay: -0.389 ms

Loss rate: 0.00%

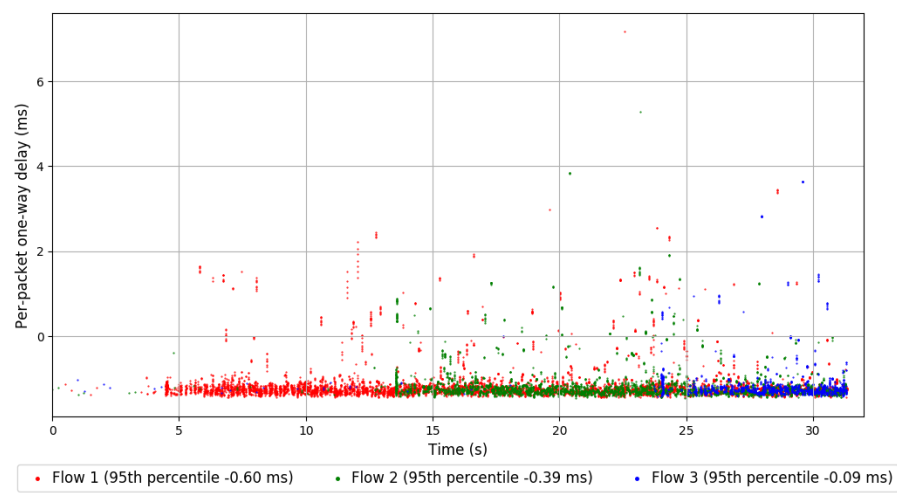
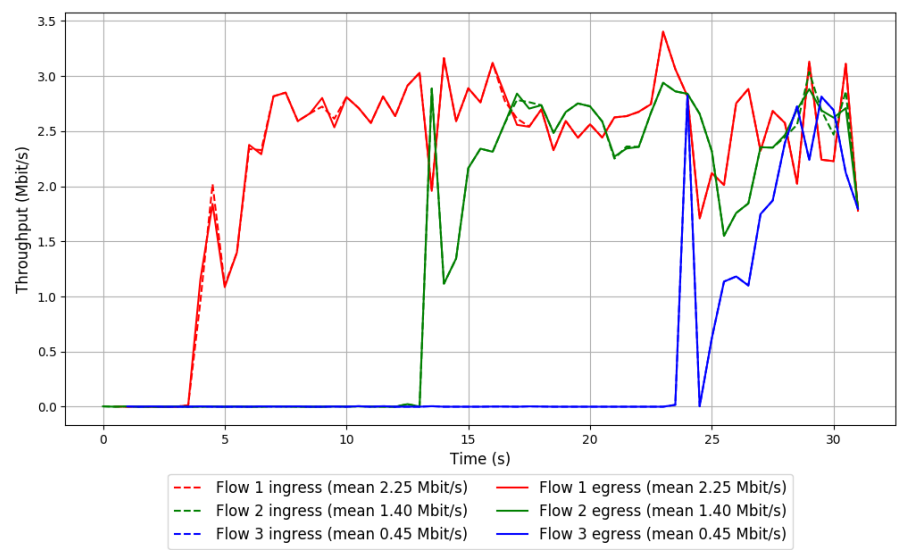
-- Flow 3:

Average throughput: 0.45 Mbit/s

95th percentile per-packet one-way delay: -0.093 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: Mon, 10 Jul 2017 00:04:06 +0000

End at: Mon, 10 Jul 2017 00:04:36 +0000

Local clock offset: 0.75 ms

Remote clock offset: -1.767 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:54:25 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.18 Mbit/s

95th percentile per-packet one-way delay: -0.509 ms

Loss rate: 0.29%

-- Flow 1:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: -0.683 ms

Loss rate: 0.17%

-- Flow 2:

Average throughput: 1.44 Mbit/s

95th percentile per-packet one-way delay: -0.412 ms

Loss rate: 0.00%

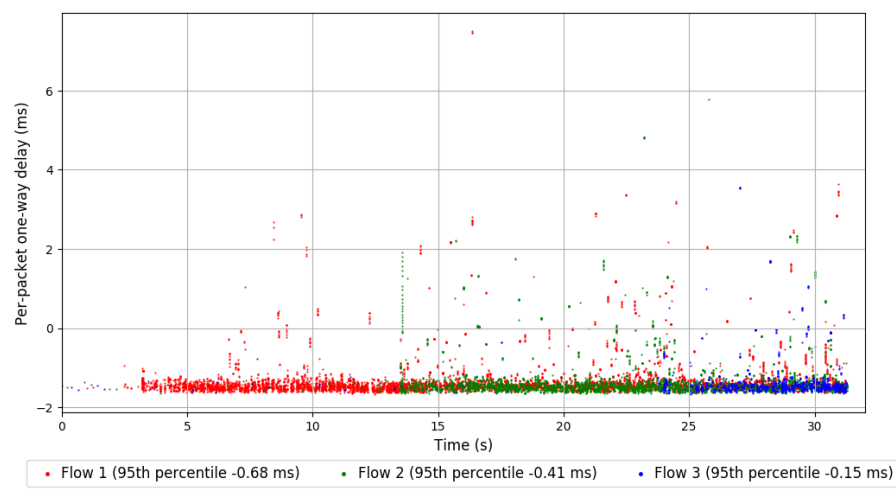
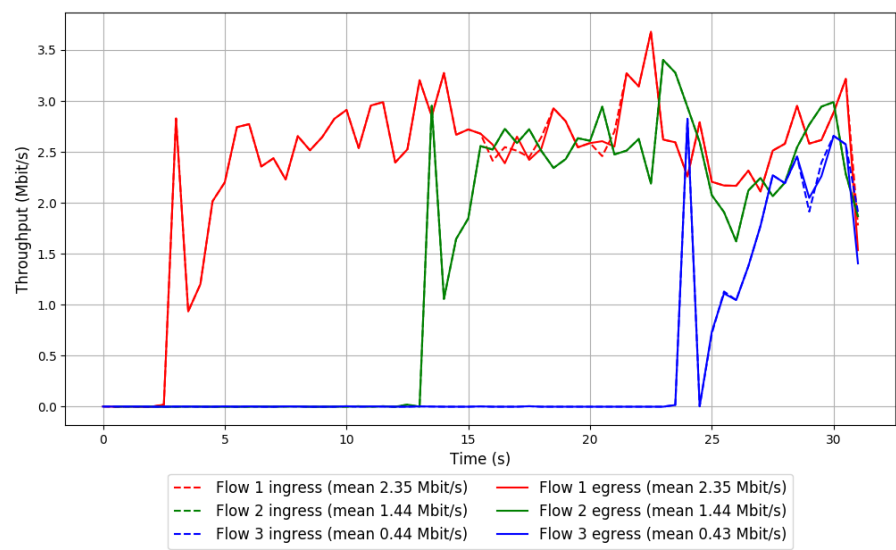
-- Flow 3:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: -0.146 ms

Loss rate: 1.85%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: Mon, 10 Jul 2017 00:24:58 +0000

End at: Mon, 10 Jul 2017 00:25:28 +0000

Local clock offset: 0.927 ms

Remote clock offset: -1.864 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:54:25 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.17 Mbit/s

95th percentile per-packet one-way delay: -0.441 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: -0.772 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.41 Mbit/s

95th percentile per-packet one-way delay: -0.309 ms

Loss rate: 0.02%

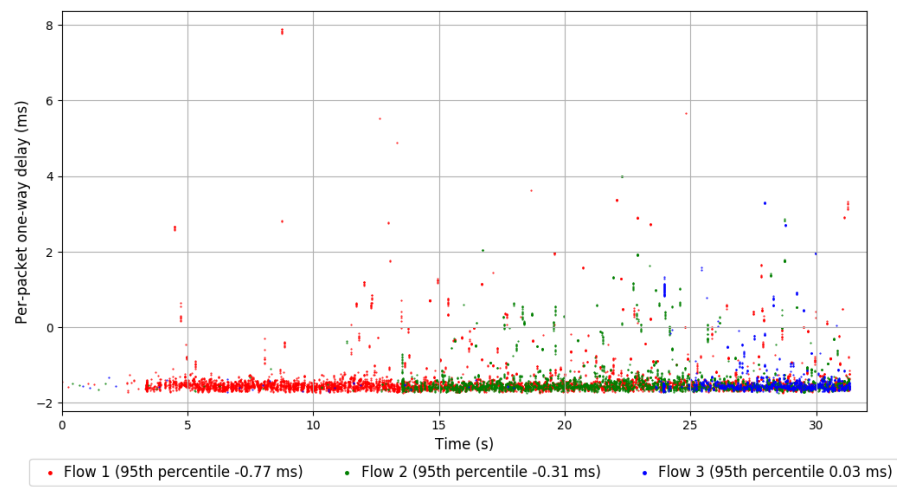
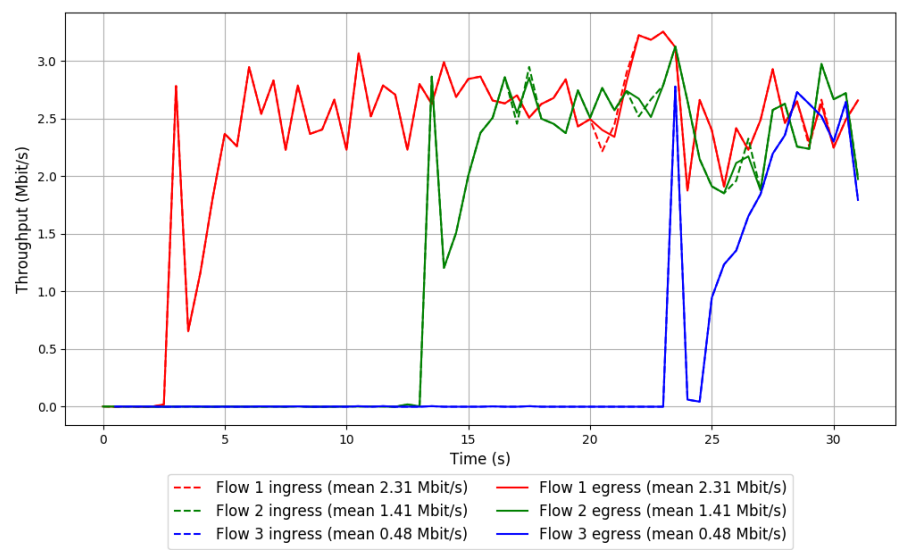
-- Flow 3:

Average throughput: 0.48 Mbit/s

95th percentile per-packet one-way delay: 0.029 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: Mon, 10 Jul 2017 00:45:43 +0000

End at: Mon, 10 Jul 2017 00:46:13 +0000

Local clock offset: 0.847 ms

Remote clock offset: -2.36 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:54:25 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.14 Mbit/s

95th percentile per-packet one-way delay: -1.190 ms

Loss rate: 0.05%

-- Flow 1:

Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: -1.189 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.43 Mbit/s

95th percentile per-packet one-way delay: -0.897 ms

Loss rate: 0.00%

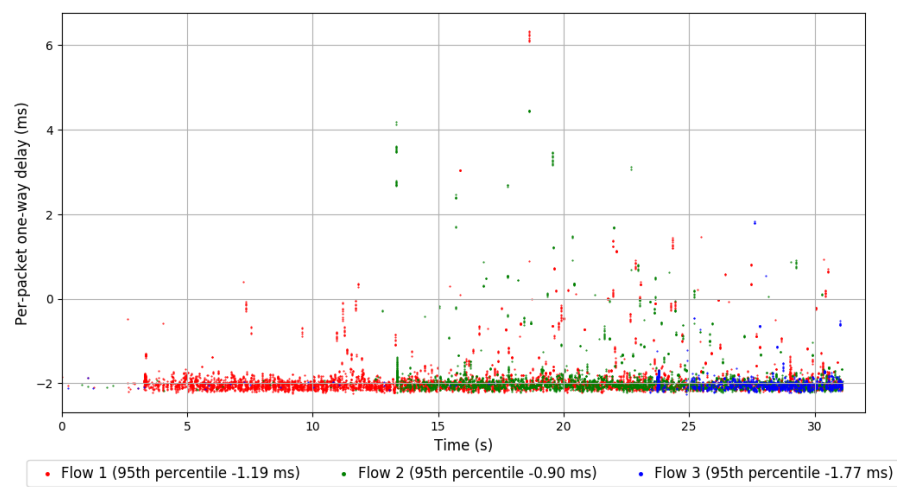
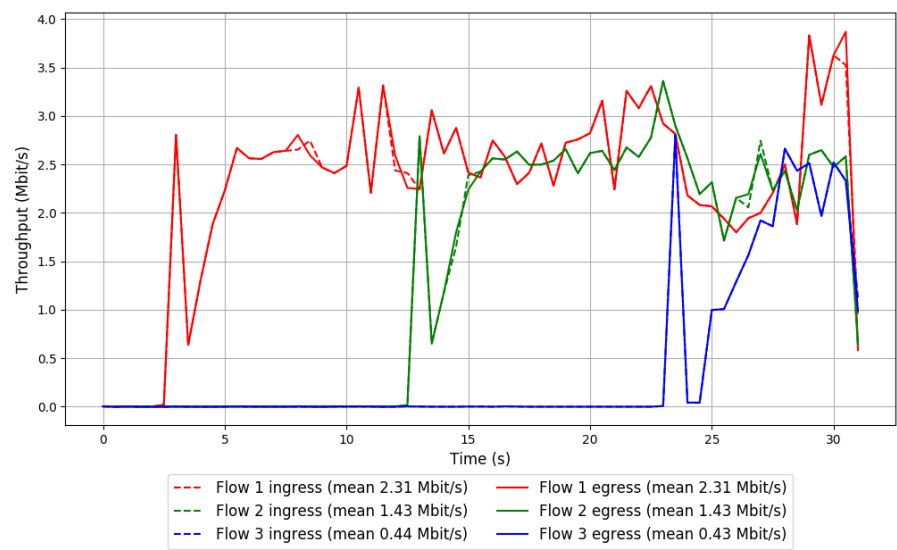
-- Flow 3:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: -1.771 ms

Loss rate: 0.50%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: Mon, 10 Jul 2017 01:06:32 +0000

End at: Mon, 10 Jul 2017 01:07:02 +0000

Local clock offset: 0.696 ms

Remote clock offset: -2.444 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:54:25 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.13 Mbit/s

95th percentile per-packet one-way delay: -1.174 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: -1.372 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 1.40 Mbit/s

95th percentile per-packet one-way delay: -0.859 ms

Loss rate: 0.00%

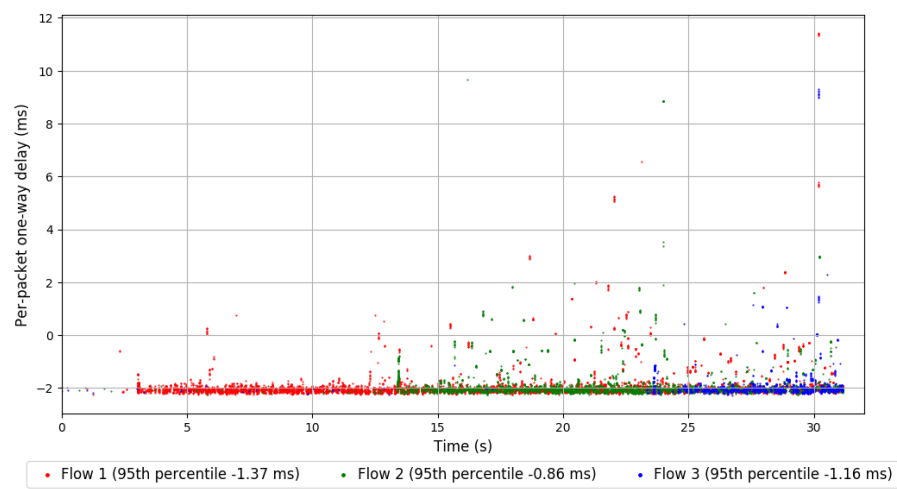
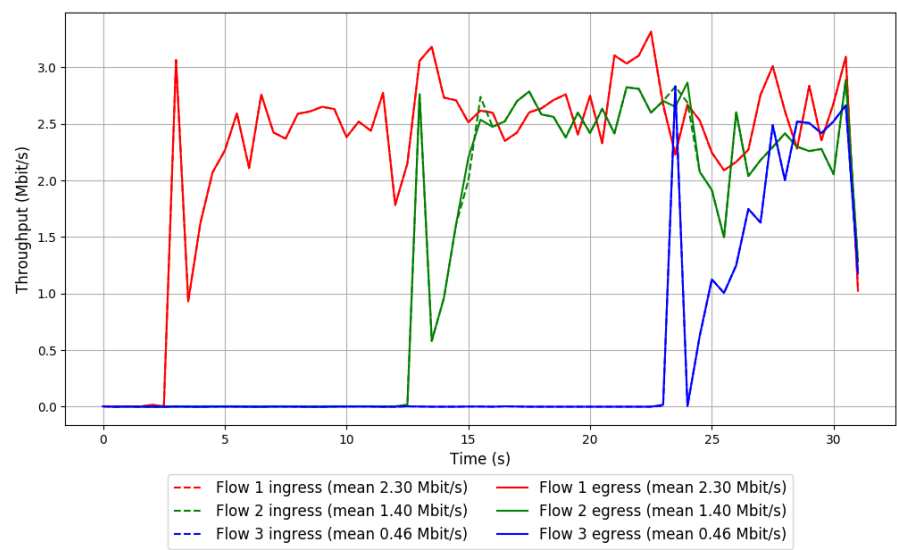
-- Flow 3:

Average throughput: 0.46 Mbit/s

95th percentile per-packet one-way delay: -1.157 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: Mon, 10 Jul 2017 01:27:20 +0000

End at: Mon, 10 Jul 2017 01:27:50 +0000

Local clock offset: 0.768 ms

Remote clock offset: -2.522 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:54:25 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.09 Mbit/s

95th percentile per-packet one-way delay: -1.431 ms

Loss rate: 0.06%

-- Flow 1:

Average throughput: 2.25 Mbit/s

95th percentile per-packet one-way delay: -1.416 ms

Loss rate: 0.11%

-- Flow 2:

Average throughput: 1.43 Mbit/s

95th percentile per-packet one-way delay: -1.411 ms

Loss rate: 0.00%

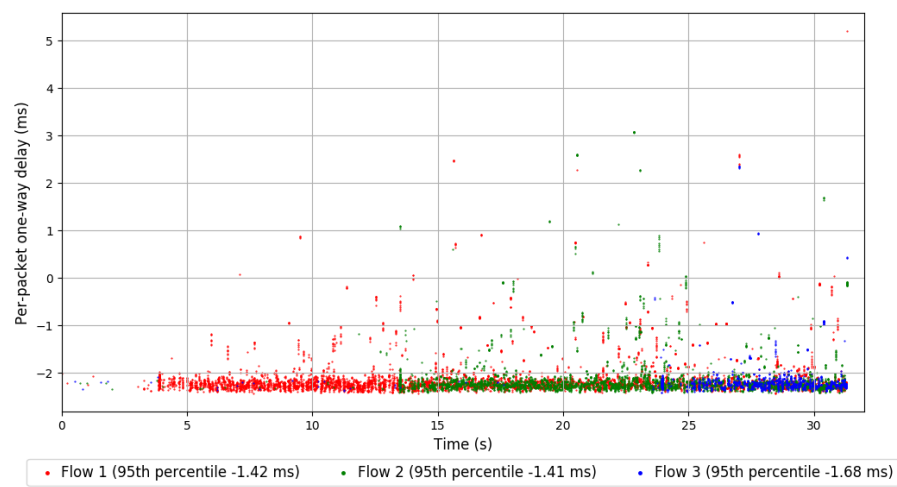
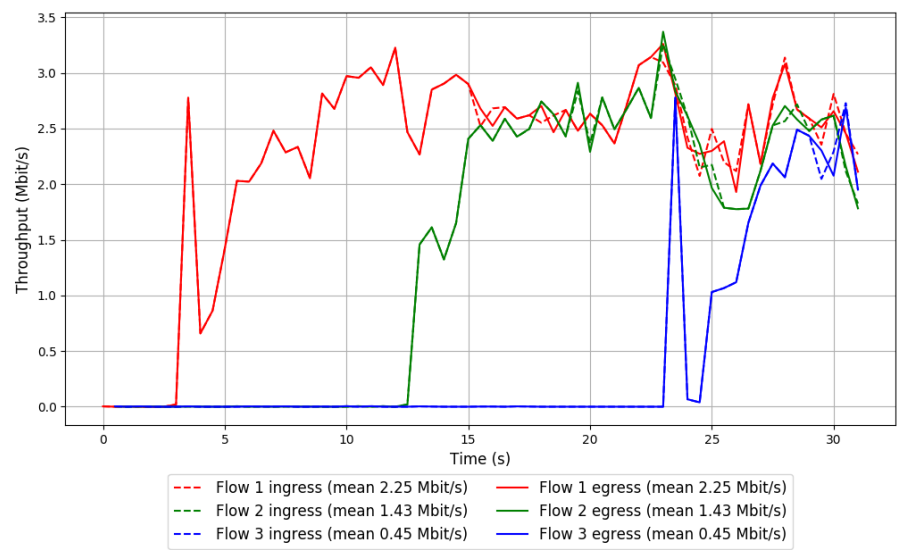
-- Flow 3:

Average throughput: 0.45 Mbit/s

95th percentile per-packet one-way delay: -1.681 ms

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: Mon, 10 Jul 2017 01:48:01 +0000

End at: Mon, 10 Jul 2017 01:48:31 +0000

Local clock offset: 0.807 ms

Remote clock offset: -2.543 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:54:25 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.14 Mbit/s

95th percentile per-packet one-way delay: -1.270 ms

Loss rate: 0.26%

-- Flow 1:

Average throughput: 2.33 Mbit/s

95th percentile per-packet one-way delay: -1.380 ms

Loss rate: 0.09%

-- Flow 2:

Average throughput: 1.41 Mbit/s

95th percentile per-packet one-way delay: -1.104 ms

Loss rate: 0.45%

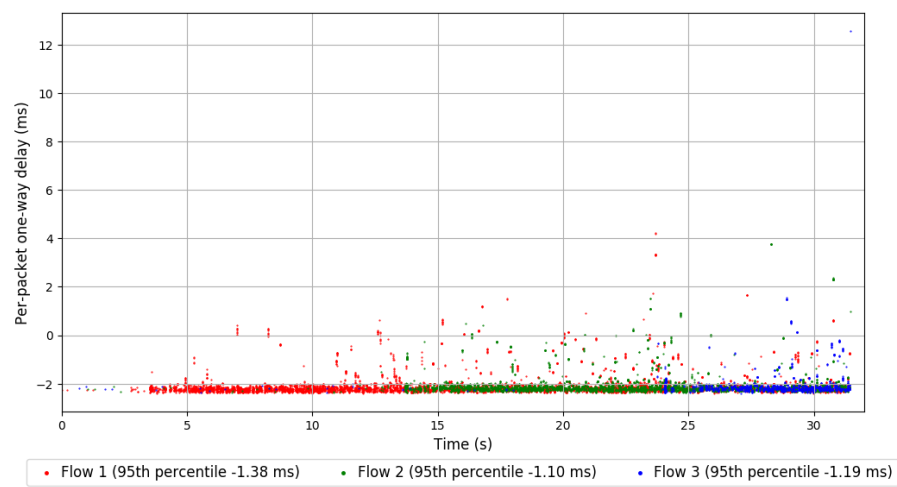
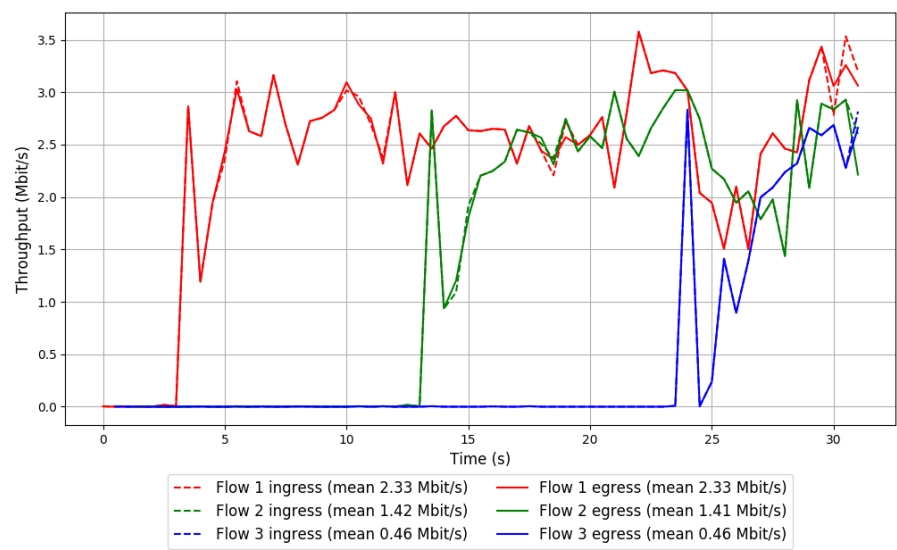
-- Flow 3:

Average throughput: 0.46 Mbit/s

95th percentile per-packet one-way delay: -1.188 ms

Loss rate: 0.55%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: Mon, 10 Jul 2017 02:08:52 +0000

End at: Mon, 10 Jul 2017 02:09:22 +0000

Local clock offset: 0.62 ms

Remote clock offset: -2.651 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:54:25 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.98 Mbit/s

95th percentile per-packet one-way delay: -1.349 ms

Loss rate: 0.05%

-- Flow 1:

Average throughput: 2.20 Mbit/s

95th percentile per-packet one-way delay: -1.370 ms

Loss rate: 0.08%

-- Flow 2:

Average throughput: 1.41 Mbit/s

95th percentile per-packet one-way delay: -1.260 ms

Loss rate: 0.00%

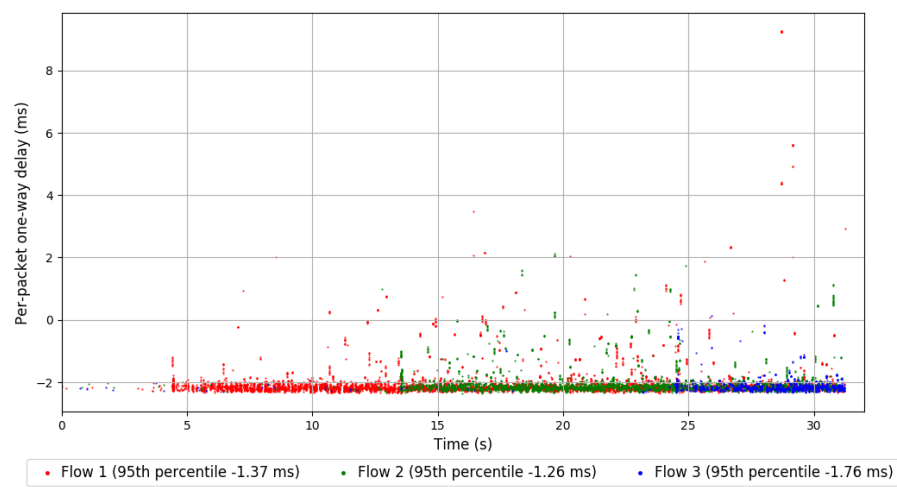
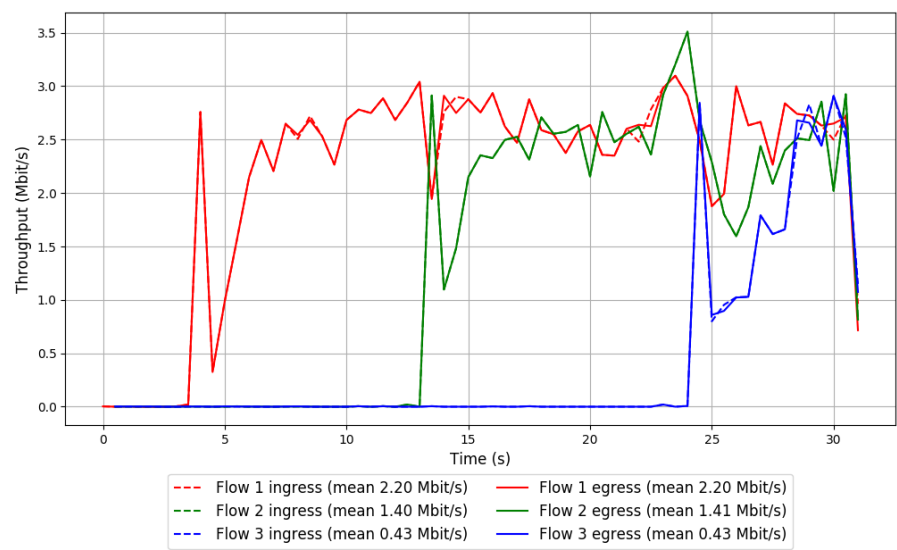
-- Flow 3:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: -1.760 ms

Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: Mon, 10 Jul 2017 02:29:40 +0000

End at: Mon, 10 Jul 2017 02:30:10 +0000

Local clock offset: 0.742 ms

Remote clock offset: -2.538 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:54:25 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.12 Mbit/s

95th percentile per-packet one-way delay: -1.164 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.32 Mbit/s

95th percentile per-packet one-way delay: -1.217 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.42 Mbit/s

95th percentile per-packet one-way delay: -0.827 ms

Loss rate: 0.00%

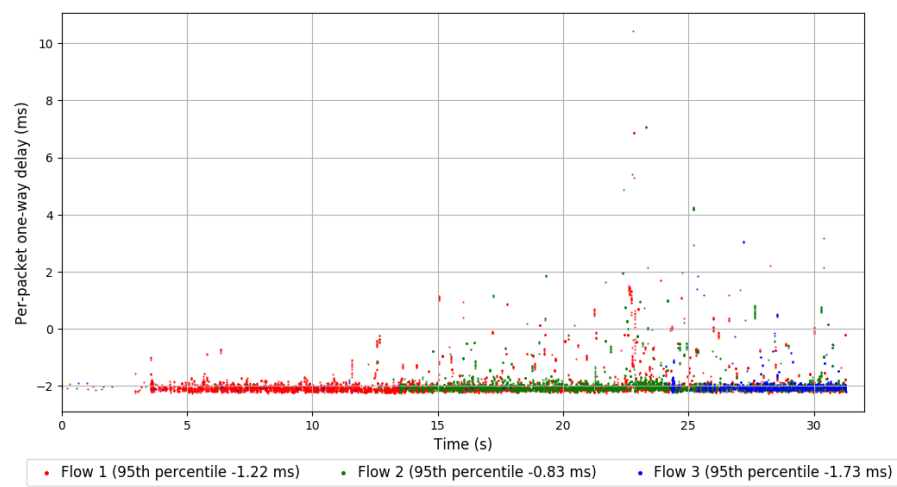
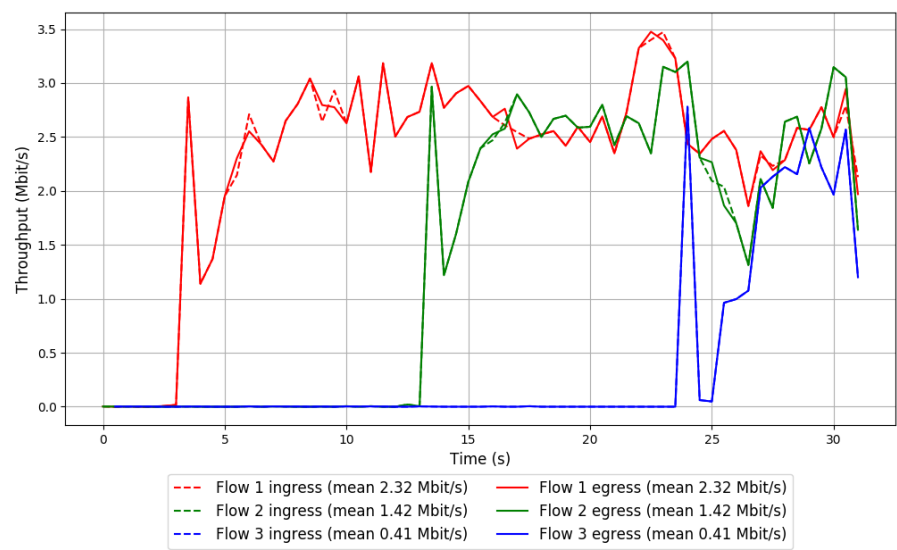
-- Flow 3:

Average throughput: 0.41 Mbit/s

95th percentile per-packet one-way delay: -1.728 ms

Loss rate: 0.01%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: Mon, 10 Jul 2017 02:50:25 +0000

End at: Mon, 10 Jul 2017 02:50:55 +0000

Local clock offset: 0.657 ms

Remote clock offset: -2.406 ms

Below is generated by plot.py at Mon, 10 Jul 2017 05:54:25 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.12 Mbit/s

95th percentile per-packet one-way delay: -1.030 ms

Loss rate: 0.24%

-- Flow 1:

Average throughput: 2.25 Mbit/s

95th percentile per-packet one-way delay: -1.232 ms

Loss rate: 0.06%

-- Flow 2:

Average throughput: 1.43 Mbit/s

95th percentile per-packet one-way delay: -0.943 ms

Loss rate: 0.00%

-- Flow 3:

Average throughput: 0.48 Mbit/s

95th percentile per-packet one-way delay: -0.915 ms

Loss rate: 1.79%

Run 10: Report of WebRTC media — Data Link

