

Pantheon Summary (Generated at Mon, 10 Jul 2017 02:47:07 +0000 with pantheon version c3610718e2bbac84102e8ac47b889a75d4392d79)

Repeated the test of 15 congestion control schemes 10 times.

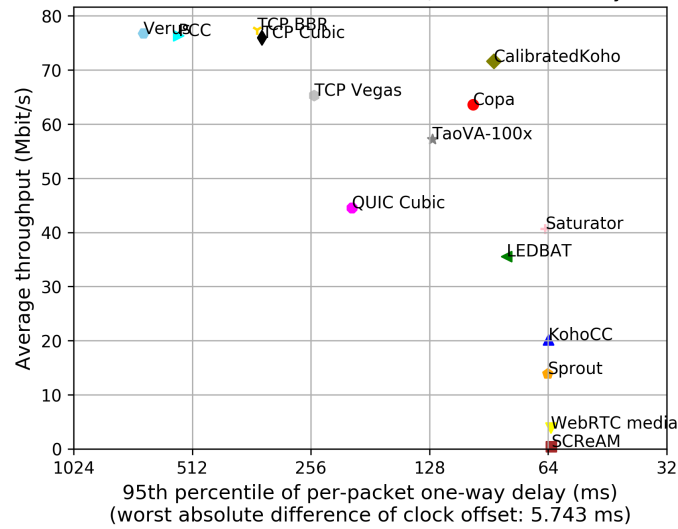
Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.

Data path **from** AWS Brazil 2 Ethernet **to** Colombia Ethernet.

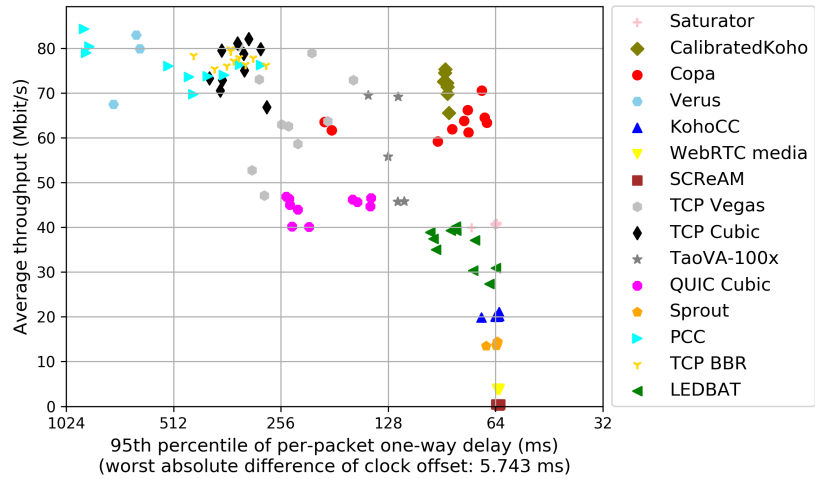
NTP offset measured against gps.ntp.br.

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



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



scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	52.01	23.01	30.64	317.12	356.31	391.25	0.40	0.38	0.48
CalibratedKoho	10	69.80	1.78	1.90	87.92	88.09	87.93	0.04	0.10	0.16
Copa	10	41.84	24.39	16.83	98.66	81.62	82.71	2.06	1.95	5.15
TCP Cubic	10	44.87	40.82	11.69	302.28	350.63	334.37	0.36	0.39	0.37
KohoCC	10	10.15	10.07	9.79	63.17	63.80	64.55	0.03	0.02	0.00
LEDBAT	10	22.15	16.29	7.78	80.36	81.78	85.98	0.02	0.01	0.03
PCC	10	62.51	10.86	20.15	575.36	464.60	445.17	0.70	1.03	4.21
QUIC Cubic	10	52.87	52.78	47.83	157.04	155.44	153.44	0.13	0.11	0.43
Saturator	10	20.41	20.36	20.15	64.81	65.27	65.34	0.06	0.03	0.00
SCReAM	10	5.52	0.22	0.22	763.36	62.73	62.24	0.00	0.00	0.00
Sprout	10	7.11	6.91	6.67	63.23	64.36	65.01	0.02	0.03	0.06
TaoVA-100x	10	34.35	19.95	27.38	120.65	131.87	131.74	2.48	3.29	3.03
TCP Vegas	10	30.41	37.80	29.20	240.62	264.84	244.17	0.49	0.52	0.52
Verus	10	63.66	18.60	4.01	665.88	675.21	692.81	1.49	1.17	6.11
WebRTC media	10	2.21	1.27	0.39	62.70	62.73	66.75	0.00	0.01	0.02

Run 1: Statistics of TCP BBR

Start at: Sun, 09 Jul 2017 20:14:04 +0000

End at: Sun, 09 Jul 2017 20:14:34 +0000

Local clock offset: 0.323 ms

Remote clock offset: -4.156 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:37:29 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 76.04 Mbit/s

95th percentile per-packet one-way delay: 363.120 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 50.54 Mbit/s

95th percentile per-packet one-way delay: 352.505 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 22.62 Mbit/s

95th percentile per-packet one-way delay: 367.062 ms

Loss rate: 0.00%

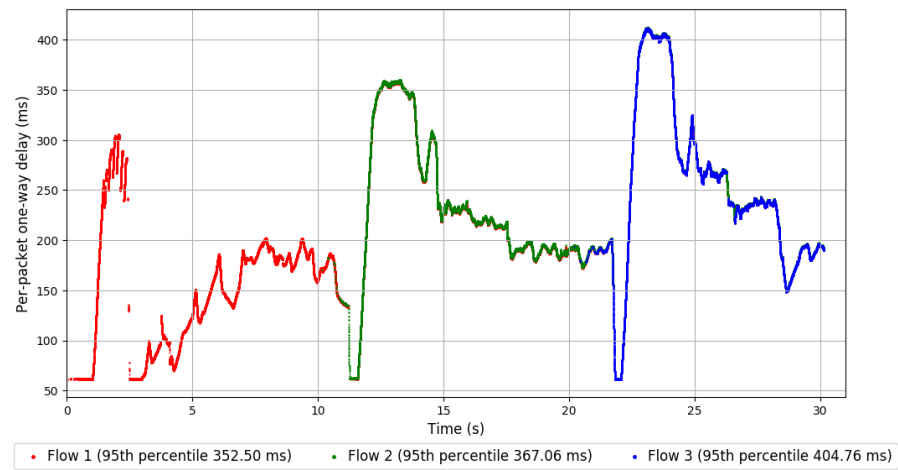
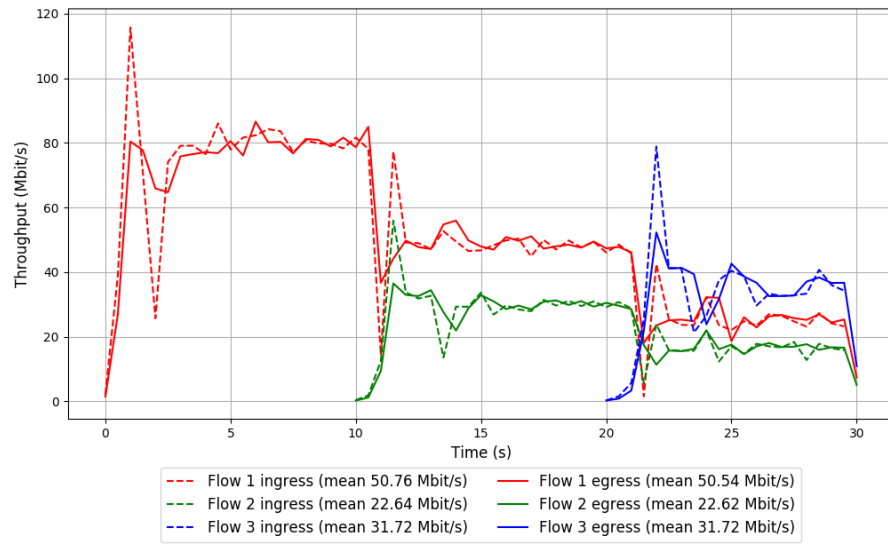
-- Flow 3:

Average throughput: 31.72 Mbit/s

95th percentile per-packet one-way delay: 404.758 ms

Loss rate: 0.01%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: Sun, 09 Jul 2017 20:32:50 +0000

End at: Sun, 09 Jul 2017 20:33:20 +0000

Local clock offset: 0.297 ms

Remote clock offset: -4.188 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:37:32 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 77.19 Mbit/s

95th percentile per-packet one-way delay: 347.873 ms

Loss rate: 0.05%

-- Flow 1:

Average throughput: 52.27 Mbit/s

95th percentile per-packet one-way delay: 329.575 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 22.25 Mbit/s

95th percentile per-packet one-way delay: 343.378 ms

Loss rate: 0.11%

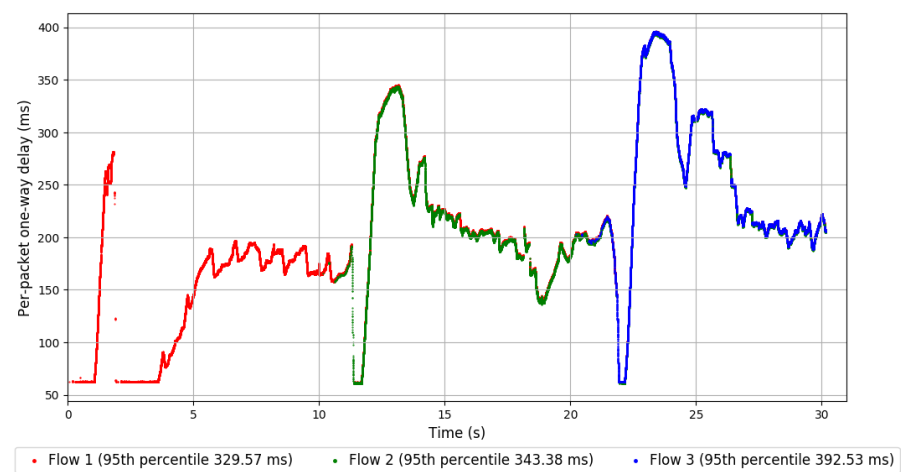
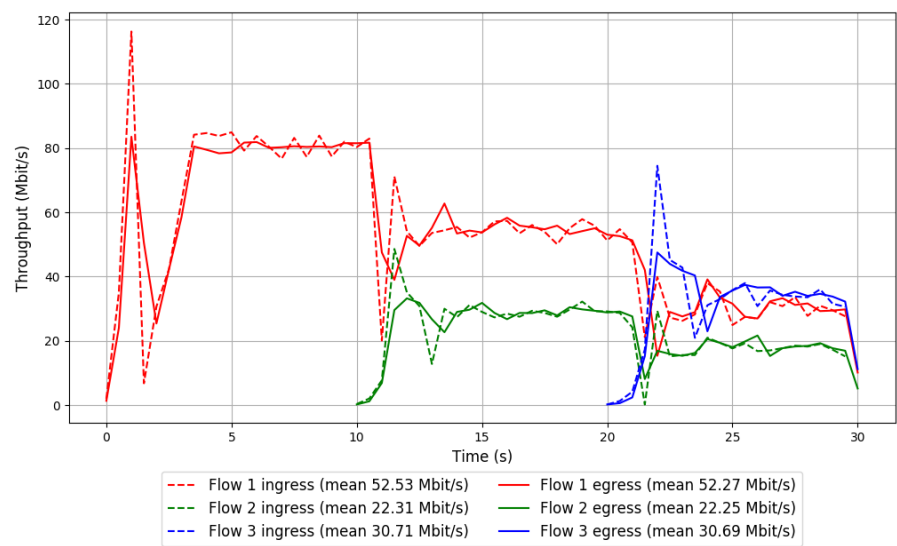
-- Flow 3:

Average throughput: 30.69 Mbit/s

95th percentile per-packet one-way delay: 392.530 ms

Loss rate: 0.07%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: Sun, 09 Jul 2017 20:51:26 +0000

End at: Sun, 09 Jul 2017 20:51:56 +0000

Local clock offset: 0.267 ms

Remote clock offset: -3.684 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:37:39 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 76.34 Mbit/s

95th percentile per-packet one-way delay: 321.556 ms

Loss rate: 0.35%

-- Flow 1:

Average throughput: 51.38 Mbit/s

95th percentile per-packet one-way delay: 286.656 ms

Loss rate: 0.35%

-- Flow 2:

Average throughput: 22.39 Mbit/s

95th percentile per-packet one-way delay: 331.642 ms

Loss rate: 0.42%

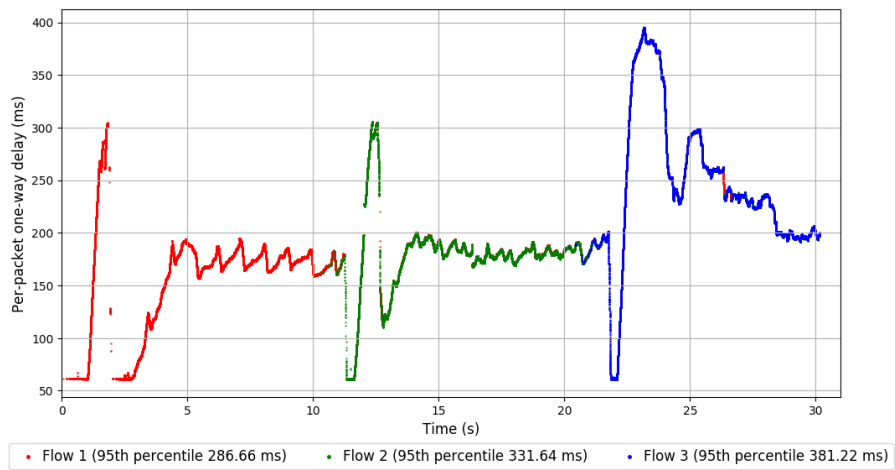
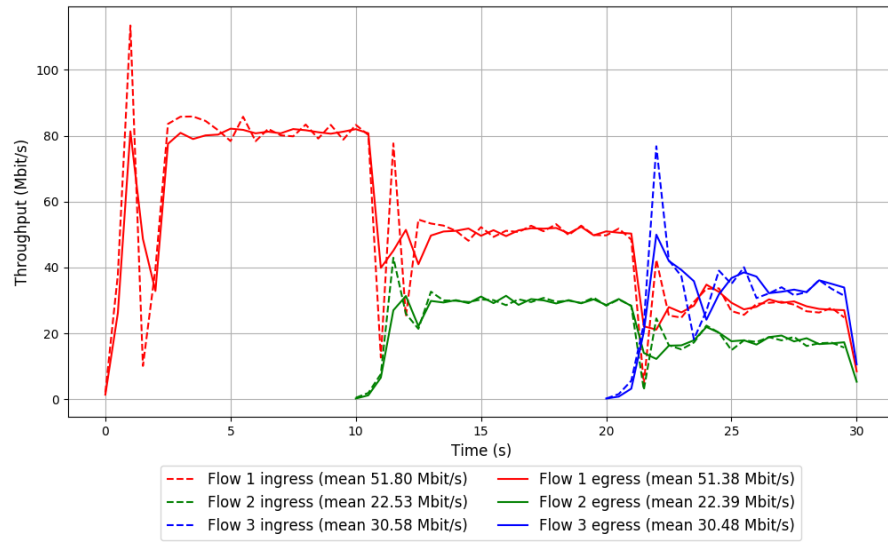
-- Flow 3:

Average throughput: 30.48 Mbit/s

95th percentile per-packet one-way delay: 381.216 ms

Loss rate: 0.21%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: Sun, 09 Jul 2017 21:10:17 +0000

End at: Sun, 09 Jul 2017 21:10:47 +0000

Local clock offset: 0.282 ms

Remote clock offset: -3.733 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:37:44 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 77.81 Mbit/s

95th percentile per-packet one-way delay: 306.070 ms

Loss rate: 0.09%

-- Flow 1:

Average throughput: 54.17 Mbit/s

95th percentile per-packet one-way delay: 292.853 ms

Loss rate: 0.08%

-- Flow 2:

Average throughput: 22.45 Mbit/s

95th percentile per-packet one-way delay: 307.563 ms

Loss rate: 0.10%

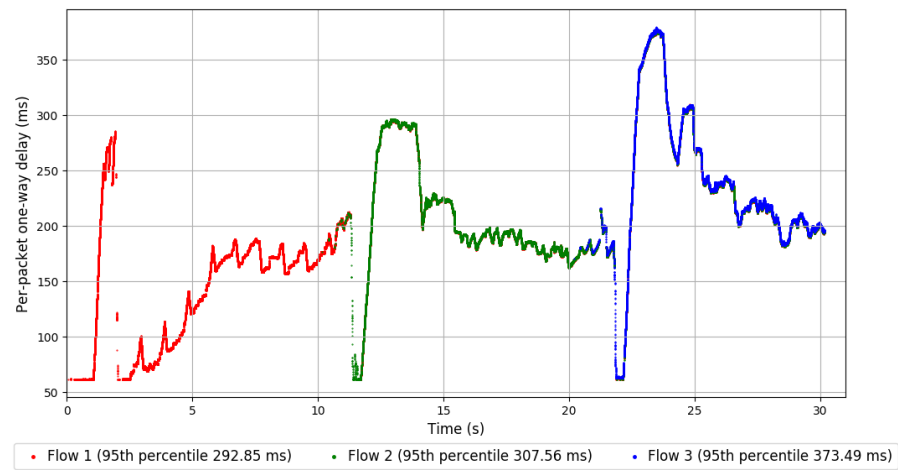
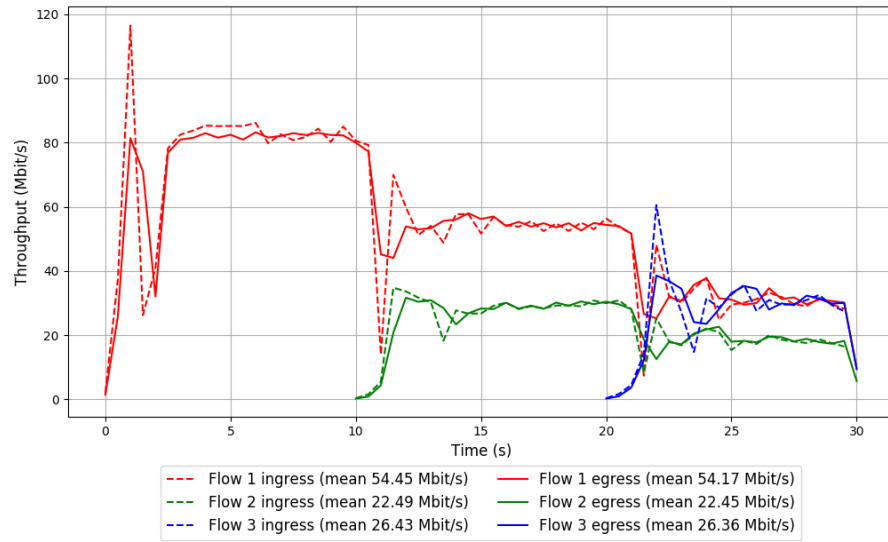
-- Flow 3:

Average throughput: 26.36 Mbit/s

95th percentile per-packet one-way delay: 373.485 ms

Loss rate: 0.15%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: Sun, 09 Jul 2017 21:28:53 +0000

End at: Sun, 09 Jul 2017 21:29:23 +0000

Local clock offset: 0.377 ms

Remote clock offset: -4.066 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:37:50 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 79.78 Mbit/s

95th percentile per-packet one-way delay: 355.093 ms

Loss rate: 0.25%

-- Flow 1:

Average throughput: 54.70 Mbit/s

95th percentile per-packet one-way delay: 307.803 ms

Loss rate: 0.19%

-- Flow 2:

Average throughput: 21.98 Mbit/s

95th percentile per-packet one-way delay: 361.897 ms

Loss rate: 0.42%

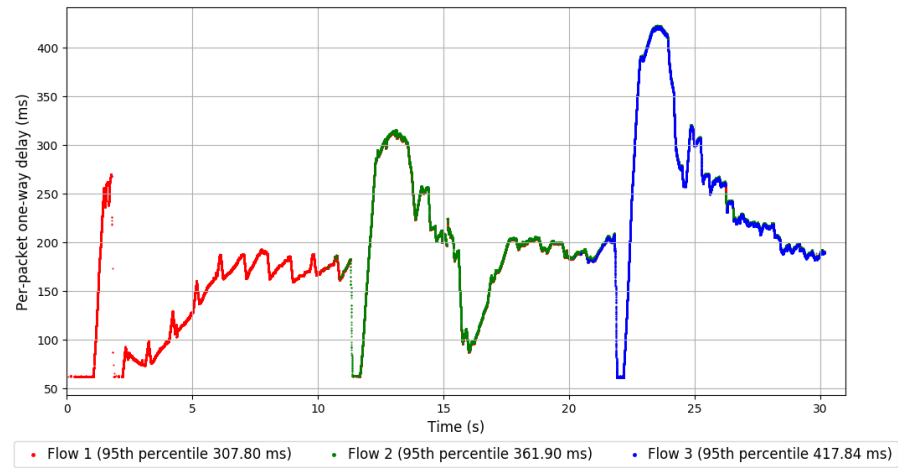
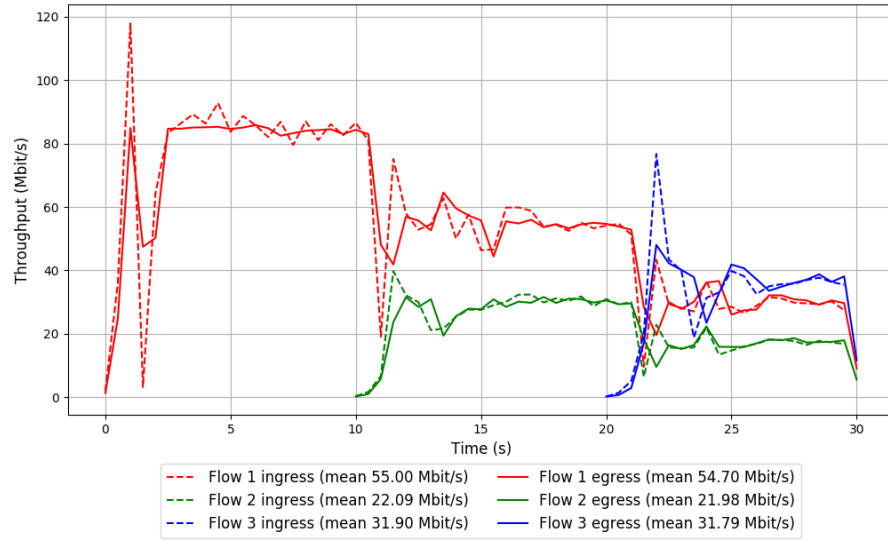
-- Flow 3:

Average throughput: 31.79 Mbit/s

95th percentile per-packet one-way delay: 417.841 ms

Loss rate: 0.30%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: Sun, 09 Jul 2017 21:47:31 +0000

End at: Sun, 09 Jul 2017 21:48:01 +0000

Local clock offset: 0.439 ms

Remote clock offset: -4.608 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:37:55 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 78.34 Mbit/s

95th percentile per-packet one-way delay: 450.299 ms

Loss rate: 0.50%

-- Flow 1:

Average throughput: 51.15 Mbit/s

95th percentile per-packet one-way delay: 372.278 ms

Loss rate: 0.49%

-- Flow 2:

Average throughput: 21.69 Mbit/s

95th percentile per-packet one-way delay: 454.655 ms

Loss rate: 0.60%

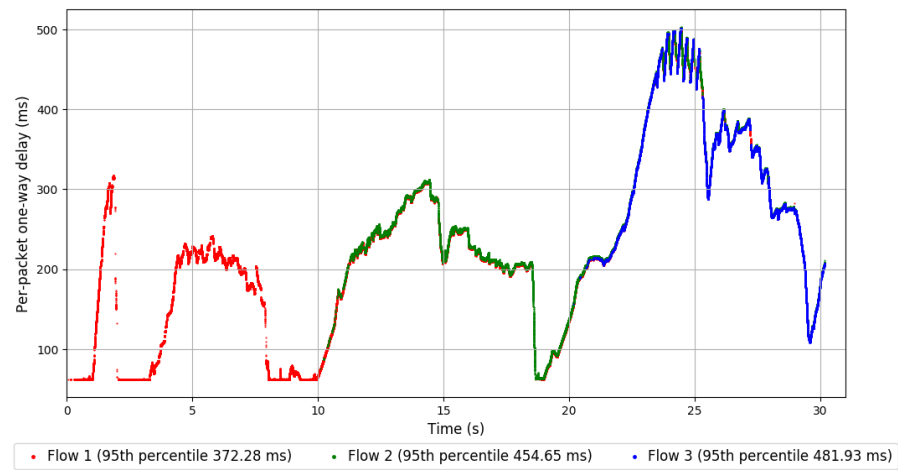
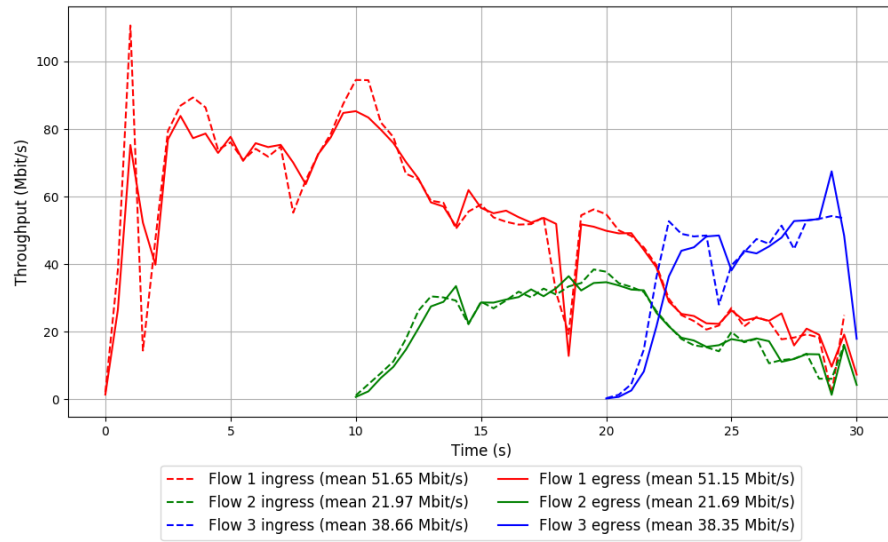
-- Flow 3:

Average throughput: 38.35 Mbit/s

95th percentile per-packet one-way delay: 481.931 ms

Loss rate: 0.45%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: Sun, 09 Jul 2017 22:06:05 +0000

End at: Sun, 09 Jul 2017 22:06:35 +0000

Local clock offset: 0.483 ms

Remote clock offset: -5.26 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:38:01 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 79.36 Mbit/s

95th percentile per-packet one-way delay: 354.013 ms

Loss rate: 0.58%

-- Flow 1:

Average throughput: 53.14 Mbit/s

95th percentile per-packet one-way delay: 308.360 ms

Loss rate: 0.69%

-- Flow 2:

Average throughput: 23.75 Mbit/s

95th percentile per-packet one-way delay: 367.403 ms

Loss rate: 0.43%

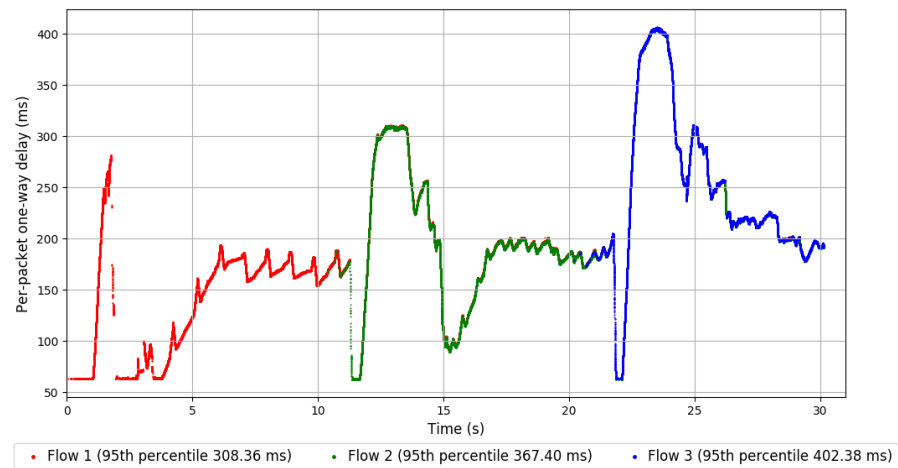
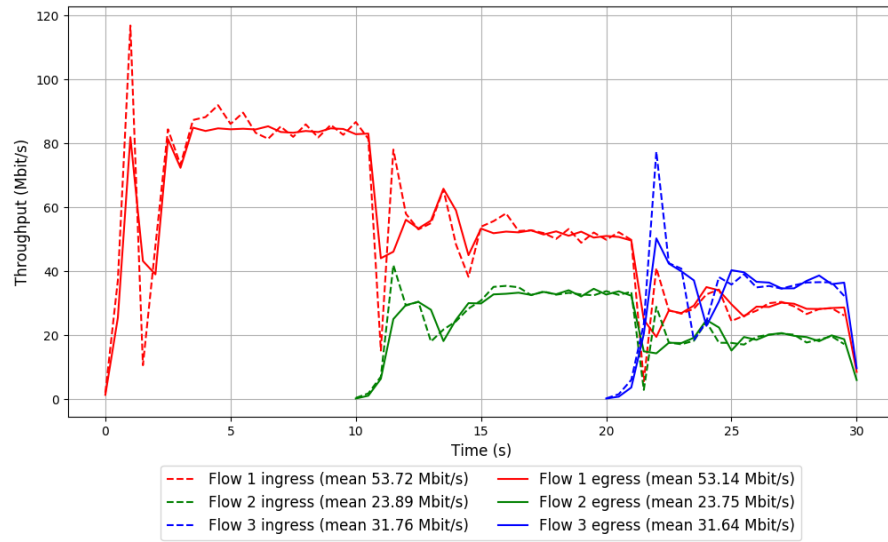
-- Flow 3:

Average throughput: 31.64 Mbit/s

95th percentile per-packet one-way delay: 402.375 ms

Loss rate: 0.28%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: Sun, 09 Jul 2017 22:24:31 +0000

End at: Sun, 09 Jul 2017 22:25:01 +0000

Local clock offset: 0.476 ms

Remote clock offset: -4.798 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:38:07 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 75.34 Mbit/s

95th percentile per-packet one-way delay: 392.707 ms

Loss rate: 0.80%

-- Flow 1:

Average throughput: 47.59 Mbit/s

95th percentile per-packet one-way delay: 316.646 ms

Loss rate: 0.82%

-- Flow 2:

Average throughput: 25.15 Mbit/s

95th percentile per-packet one-way delay: 387.839 ms

Loss rate: 0.68%

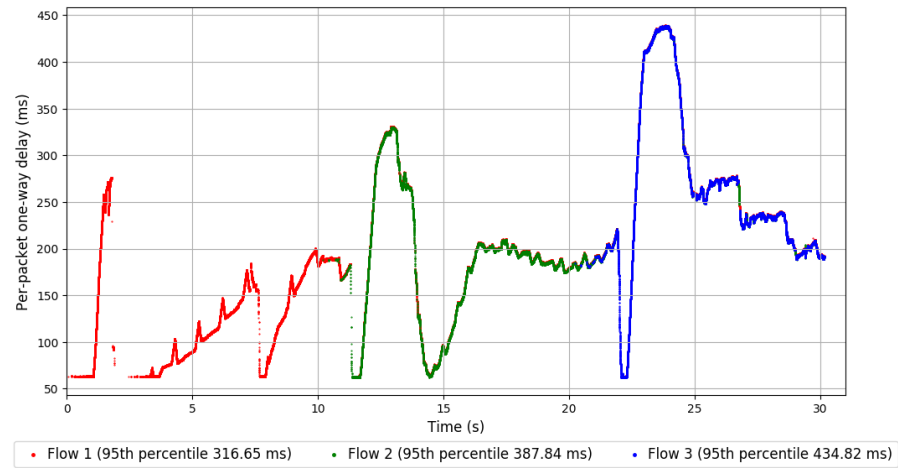
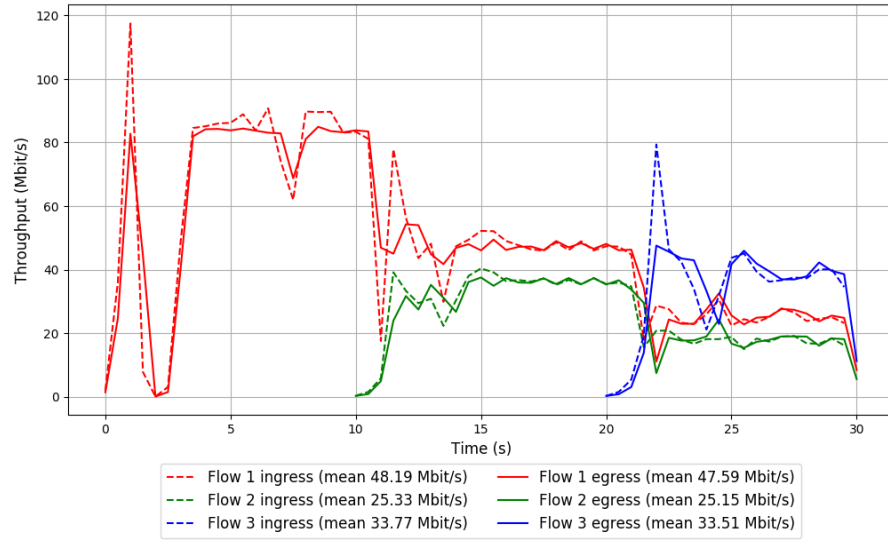
-- Flow 3:

Average throughput: 33.51 Mbit/s

95th percentile per-packet one-way delay: 434.825 ms

Loss rate: 0.88%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: Sun, 09 Jul 2017 22:43:12 +0000

End at: Sun, 09 Jul 2017 22:43:42 +0000

Local clock offset: 0.49 ms

Remote clock offset: -4.227 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:38:12 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 77.85 Mbit/s

95th percentile per-packet one-way delay: 335.803 ms

Loss rate: 0.75%

-- Flow 1:

Average throughput: 52.93 Mbit/s

95th percentile per-packet one-way delay: 325.589 ms

Loss rate: 0.71%

-- Flow 2:

Average throughput: 22.39 Mbit/s

95th percentile per-packet one-way delay: 335.950 ms

Loss rate: 0.58%

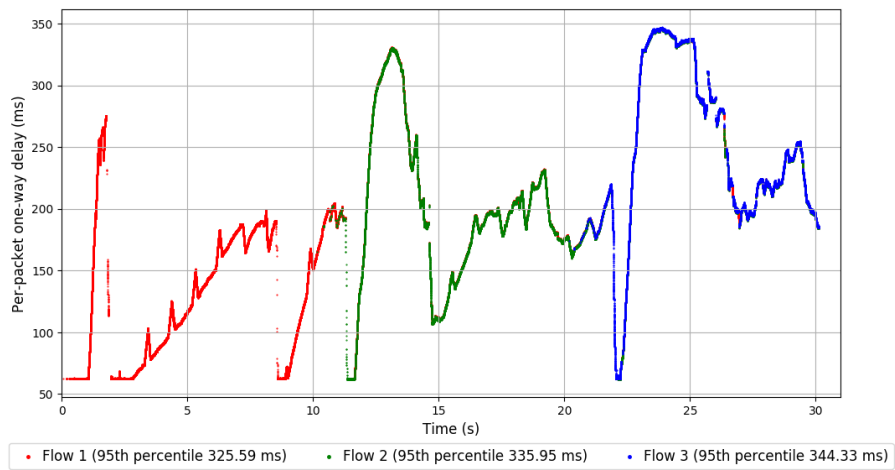
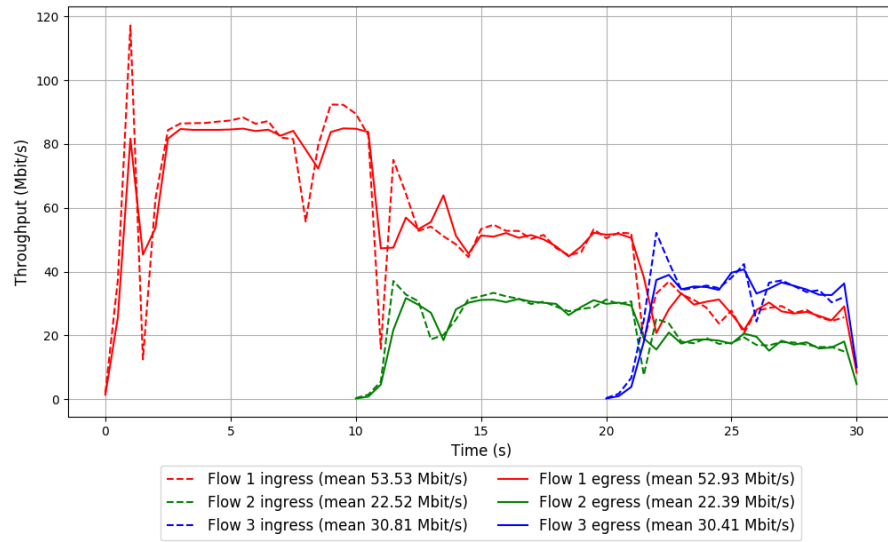
-- Flow 3:

Average throughput: 30.41 Mbit/s

95th percentile per-packet one-way delay: 344.334 ms

Loss rate: 1.21%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: Sun, 09 Jul 2017 23:01:40 +0000

End at: Sun, 09 Jul 2017 23:02:10 +0000

Local clock offset: 0.498 ms

Remote clock offset: -4.261 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:38:18 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 76.19 Mbit/s

95th percentile per-packet one-way delay: 281.854 ms

Loss rate: 0.62%

-- Flow 1:

Average throughput: 52.25 Mbit/s

95th percentile per-packet one-way delay: 278.945 ms

Loss rate: 0.59%

-- Flow 2:

Average throughput: 25.39 Mbit/s

95th percentile per-packet one-way delay: 305.689 ms

Loss rate: 0.47%

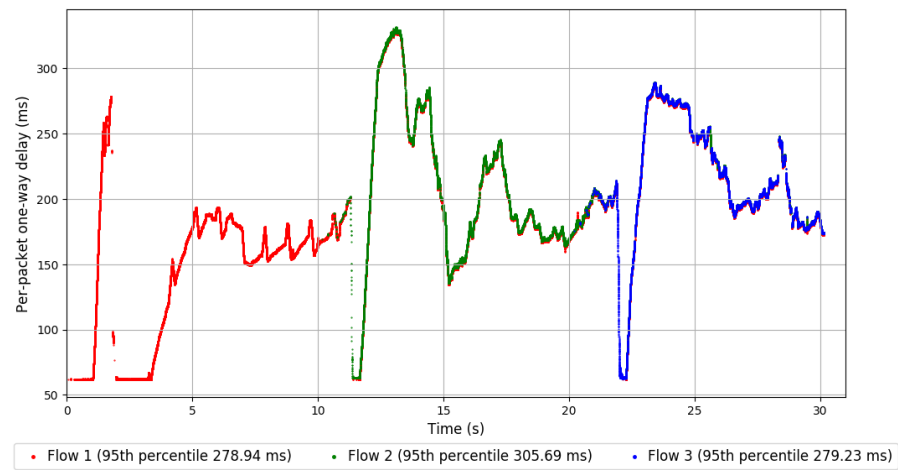
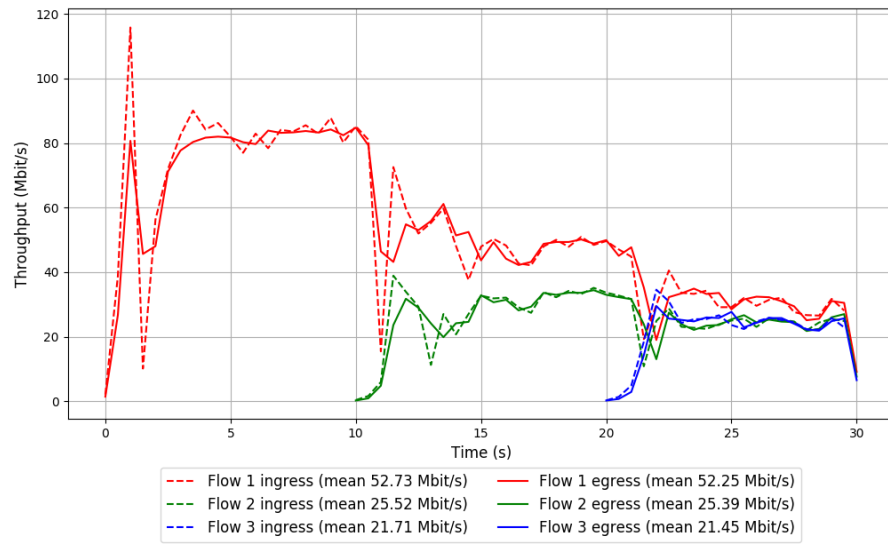
-- Flow 3:

Average throughput: 21.45 Mbit/s

95th percentile per-packet one-way delay: 279.229 ms

Loss rate: 1.21%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of CalibratedKoho

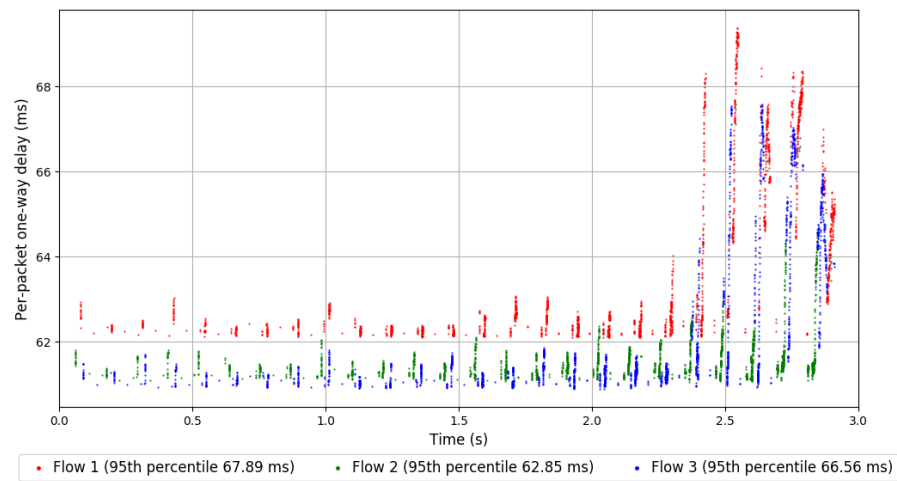
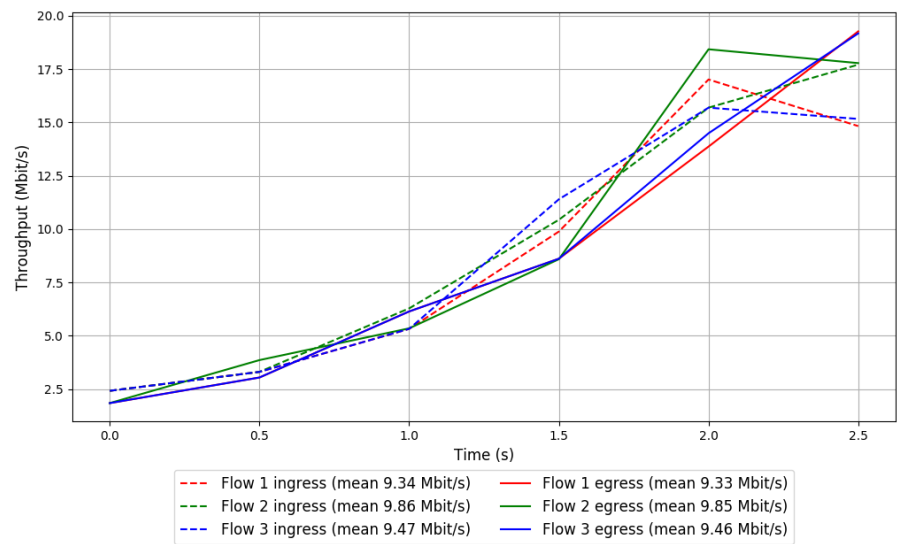
Start at: Sun, 09 Jul 2017 20:00:47 +0000

End at: Sun, 09 Jul 2017 20:01:17 +0000

Local clock offset: 0.273 ms

Remote clock offset: -3.995 ms

Run 1: Report of CalibratedKoho — Data Link



Run 2: Statistics of CalibratedKoho

Start at: Sun, 09 Jul 2017 20:24:14 +0000

End at: Sun, 09 Jul 2017 20:24:44 +0000

Local clock offset: 0.296 ms

Remote clock offset: -3.87 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:38:23 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 65.57 Mbit/s

95th percentile per-packet one-way delay: 86.500 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 64.23 Mbit/s

95th percentile per-packet one-way delay: 86.482 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 1.14 Mbit/s

95th percentile per-packet one-way delay: 87.094 ms

Loss rate: 0.32%

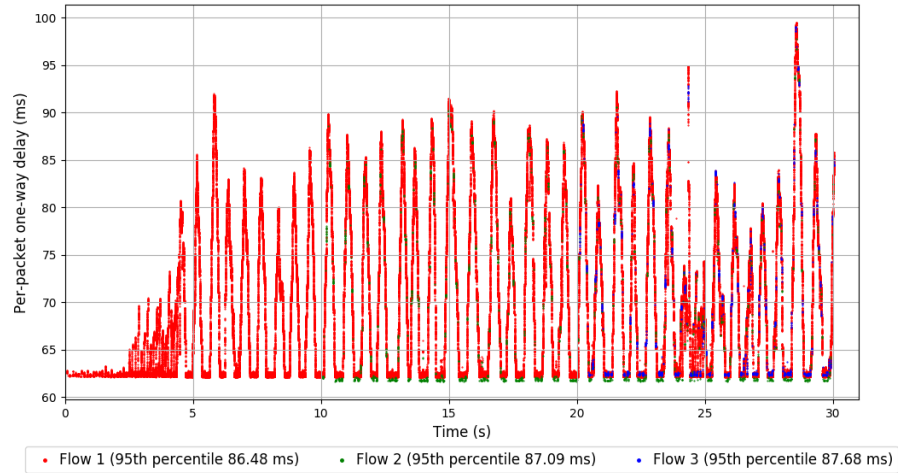
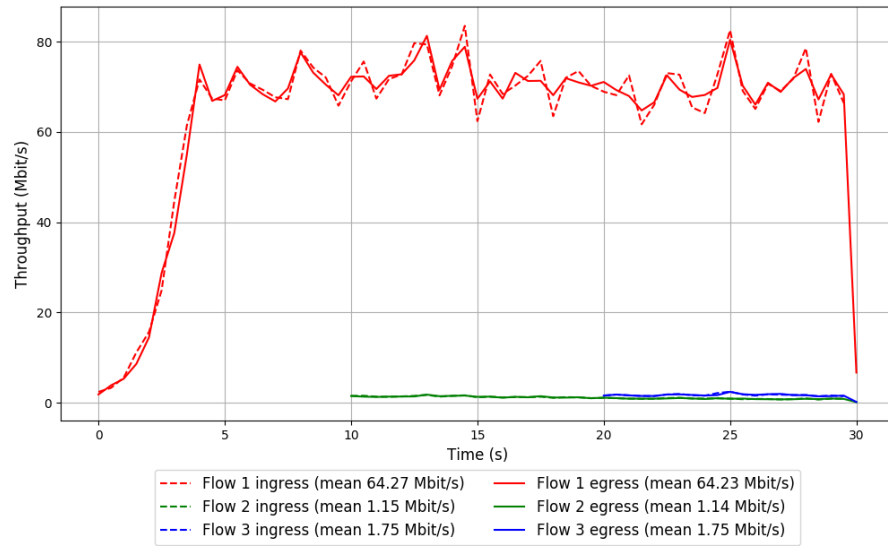
-- Flow 3:

Average throughput: 1.75 Mbit/s

95th percentile per-packet one-way delay: 87.676 ms

Loss rate: 0.00%

Run 2: Report of CalibratedKoho — Data Link



Run 3: Statistics of CalibratedKoho

Start at: Sun, 09 Jul 2017 20:42:55 +0000

End at: Sun, 09 Jul 2017 20:43:25 +0000

Local clock offset: 0.248 ms

Remote clock offset: -3.944 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:38:28 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 69.81 Mbit/s

95th percentile per-packet one-way delay: 87.370 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 68.56 Mbit/s

95th percentile per-packet one-way delay: 87.372 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 1.15 Mbit/s

95th percentile per-packet one-way delay: 87.422 ms

Loss rate: 0.00%

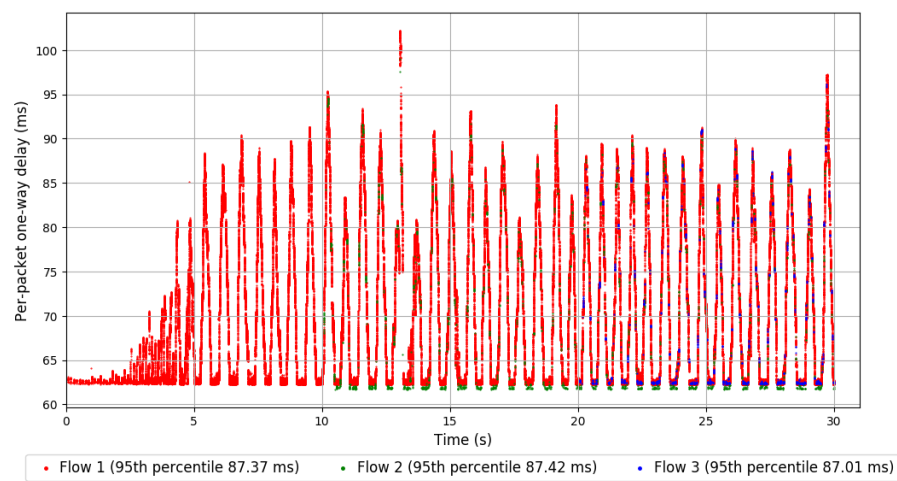
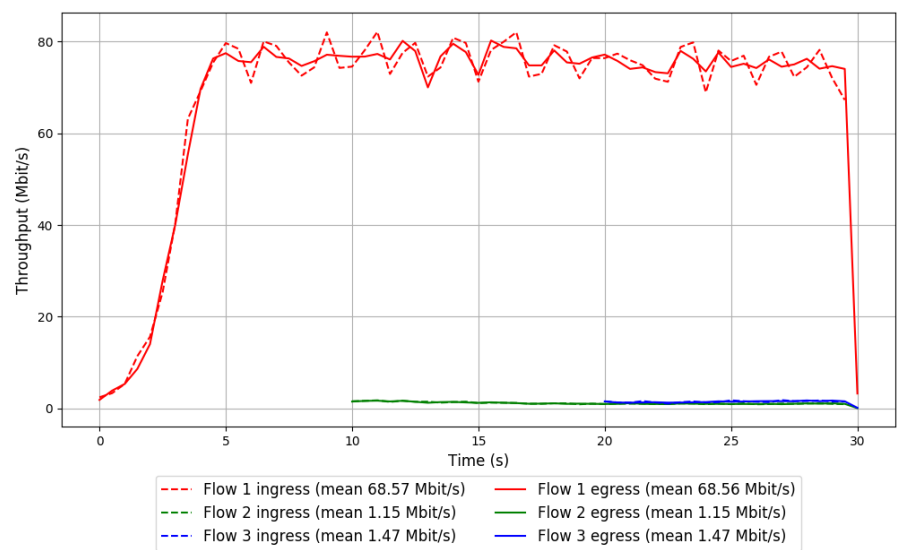
-- Flow 3:

Average throughput: 1.47 Mbit/s

95th percentile per-packet one-way delay: 87.007 ms

Loss rate: 0.00%

Run 3: Report of CalibratedKoho — Data Link



Run 4: Statistics of CalibratedKoho

Start at: Sun, 09 Jul 2017 21:01:37 +0000

End at: Sun, 09 Jul 2017 21:02:07 +0000

Local clock offset: 0.216 ms

Remote clock offset: -4.028 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:38:33 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 71.36 Mbit/s

95th percentile per-packet one-way delay: 87.346 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 69.31 Mbit/s

95th percentile per-packet one-way delay: 87.341 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.62 Mbit/s

95th percentile per-packet one-way delay: 87.589 ms

Loss rate: 0.00%

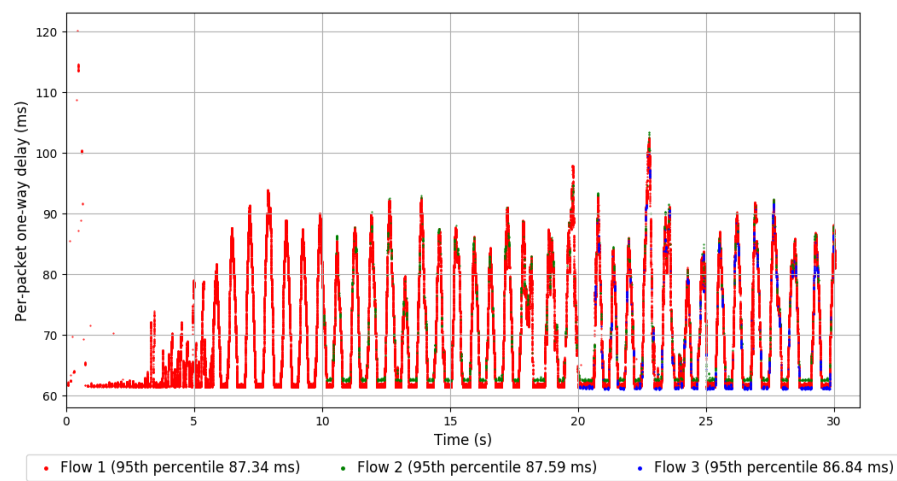
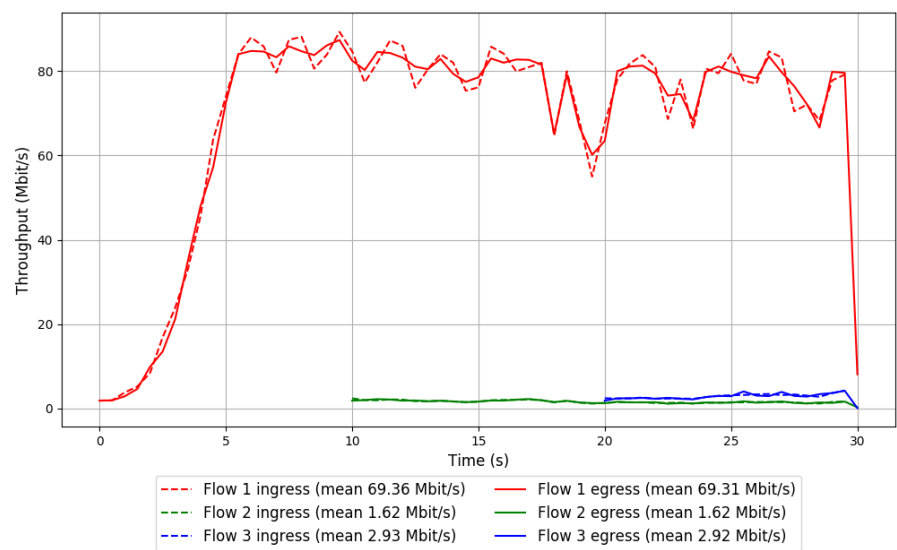
-- Flow 3:

Average throughput: 2.92 Mbit/s

95th percentile per-packet one-way delay: 86.845 ms

Loss rate: 0.00%

Run 4: Report of CalibratedKoho — Data Link



Run 5: Statistics of CalibratedKoho

Start at: Sun, 09 Jul 2017 21:20:22 +0000

End at: Sun, 09 Jul 2017 21:20:52 +0000

Local clock offset: 0.322 ms

Remote clock offset: -4.02 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:38:39 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 72.26 Mbit/s

95th percentile per-packet one-way delay: 87.471 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 70.47 Mbit/s

95th percentile per-packet one-way delay: 87.436 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 2.03 Mbit/s

95th percentile per-packet one-way delay: 88.553 ms

Loss rate: 0.00%

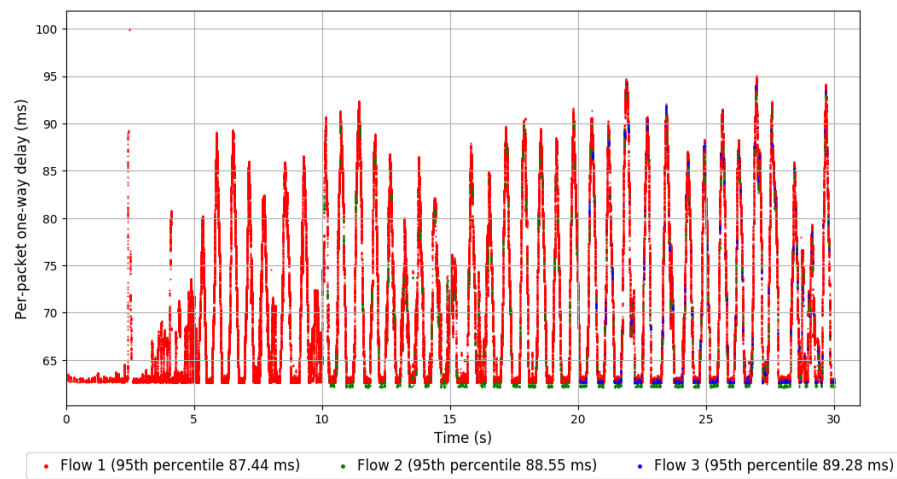
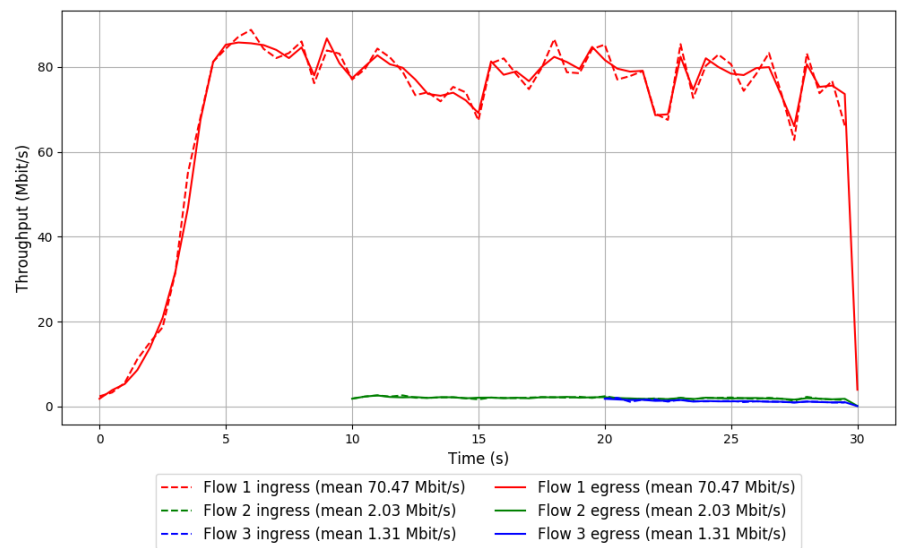
-- Flow 3:

Average throughput: 1.31 Mbit/s

95th percentile per-packet one-way delay: 89.283 ms

Loss rate: 0.00%

Run 5: Report of CalibratedKoho — Data Link



Run 6: Statistics of CalibratedKoho

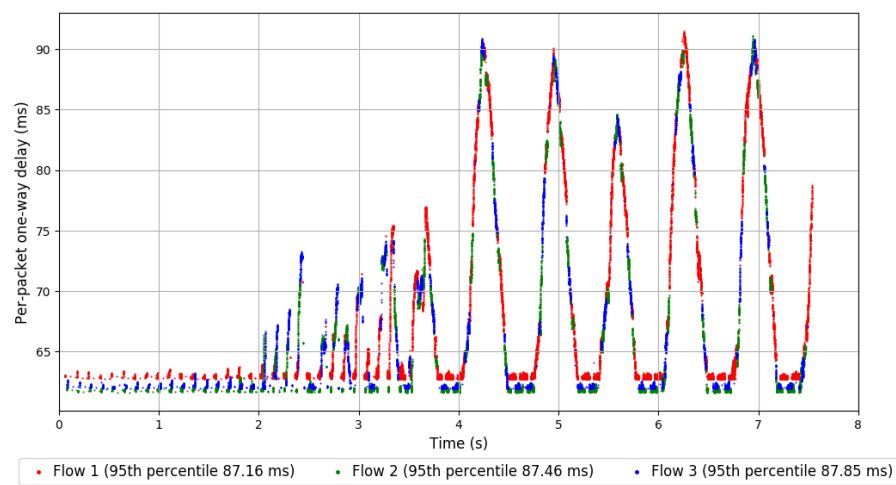
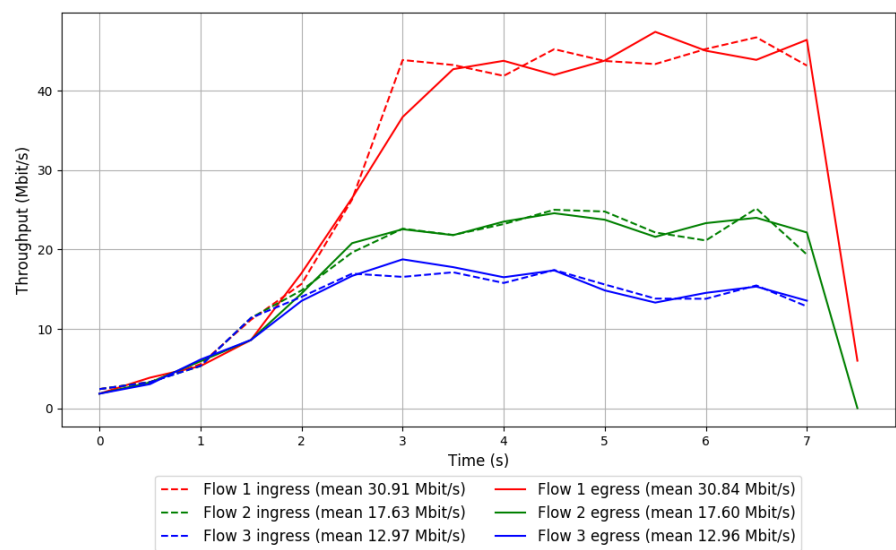
Start at: Sun, 09 Jul 2017 21:39:06 +0000

End at: Sun, 09 Jul 2017 21:39:36 +0000

Local clock offset: 0.309 ms

Remote clock offset: -4.296 ms

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Sun, 09 Jul 2017 21:57:33 +0000

End at: Sun, 09 Jul 2017 21:58:03 +0000

Local clock offset: 0.45 ms

Remote clock offset: -4.592 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:38:47 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 75.30 Mbit/s

95th percentile per-packet one-way delay: 88.495 ms

Loss rate: 0.05%

-- Flow 1:

Average throughput: 72.39 Mbit/s

95th percentile per-packet one-way delay: 88.492 ms

Loss rate: 0.05%

-- Flow 2:

Average throughput: 3.32 Mbit/s

95th percentile per-packet one-way delay: 88.332 ms

Loss rate: 0.00%

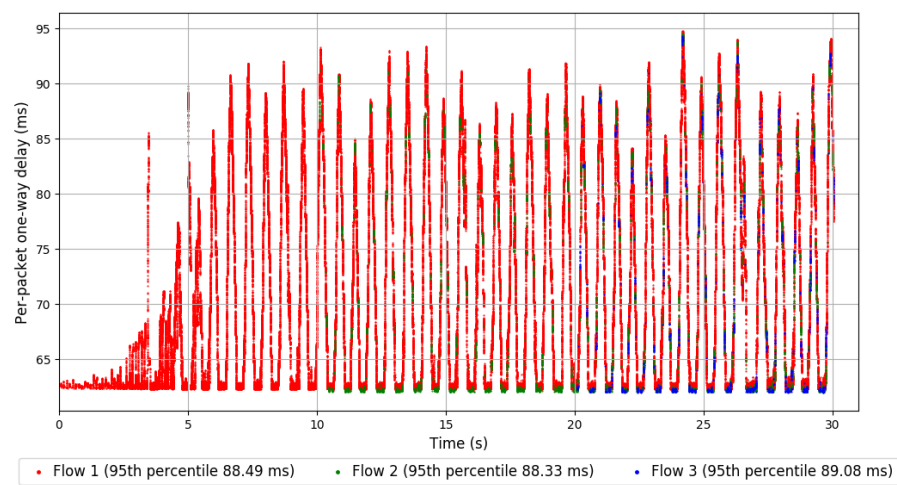
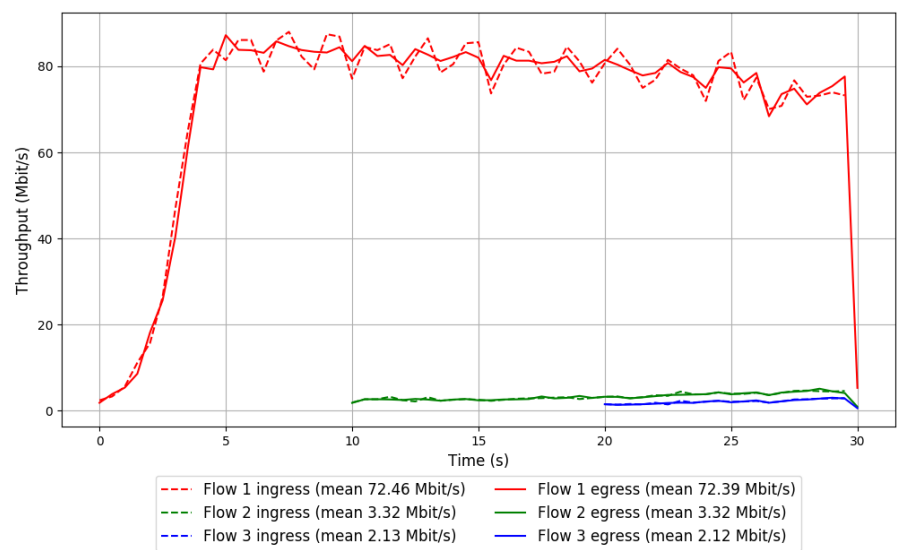
-- Flow 3:

Average throughput: 2.12 Mbit/s

95th percentile per-packet one-way delay: 89.082 ms

Loss rate: 0.00%

Run 7: Report of CalibratedKoho — Data Link



Run 8: Statistics of CalibratedKoho

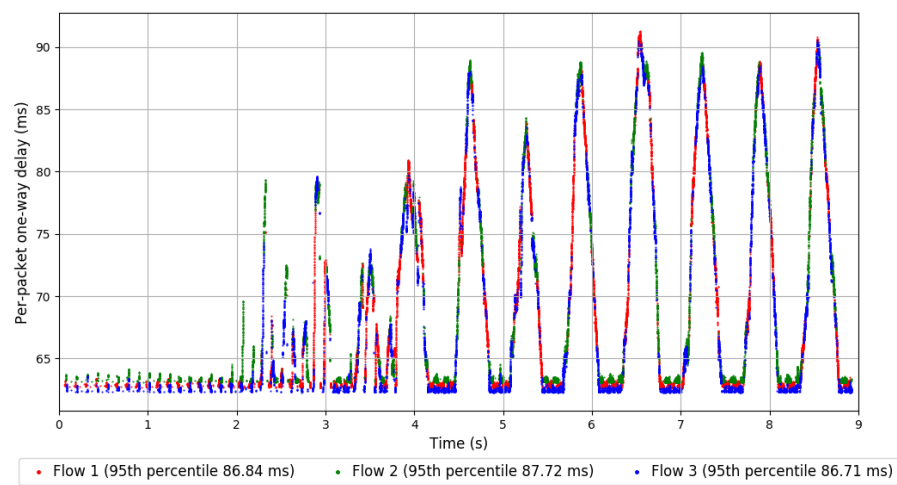
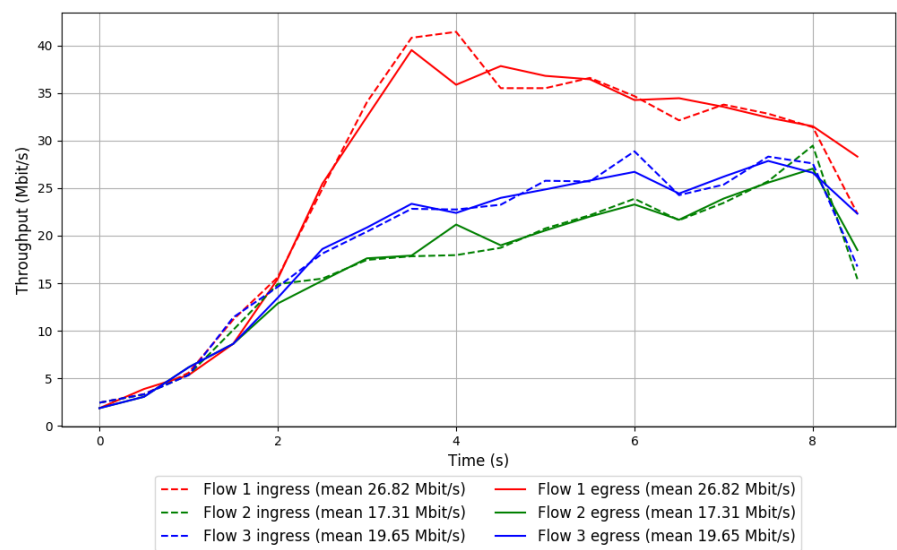
Start at: Sun, 09 Jul 2017 22:16:05 +0000

End at: Sun, 09 Jul 2017 22:16:35 +0000

Local clock offset: 0.501 ms

Remote clock offset: -4.566 ms

Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

Start at: Sun, 09 Jul 2017 22:34:33 +0000

End at: Sun, 09 Jul 2017 22:35:03 +0000

Local clock offset: 0.481 ms

Remote clock offset: -4.133 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:38:52 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 72.55 Mbit/s

95th percentile per-packet one-way delay: 89.471 ms

Loss rate: 0.13%

-- Flow 1:

Average throughput: 70.76 Mbit/s

95th percentile per-packet one-way delay: 89.517 ms

Loss rate: 0.12%

-- Flow 2:

Average throughput: 1.74 Mbit/s

95th percentile per-packet one-way delay: 88.298 ms

Loss rate: 0.14%

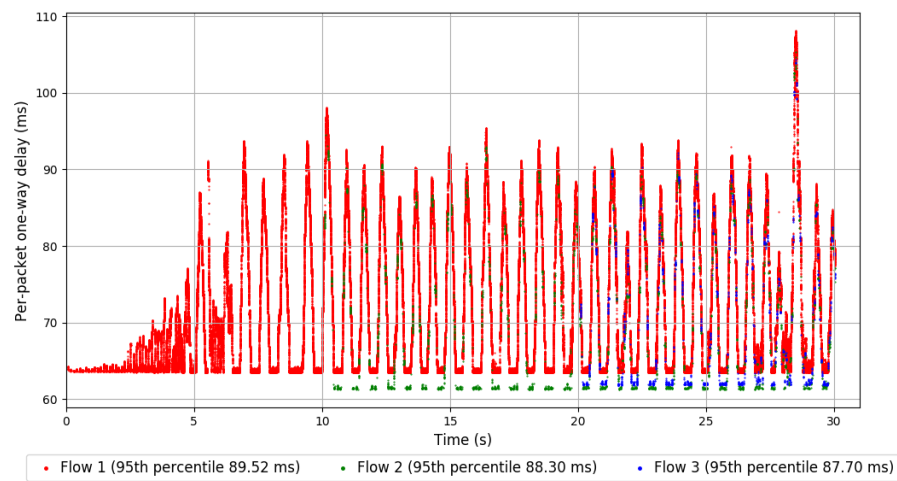
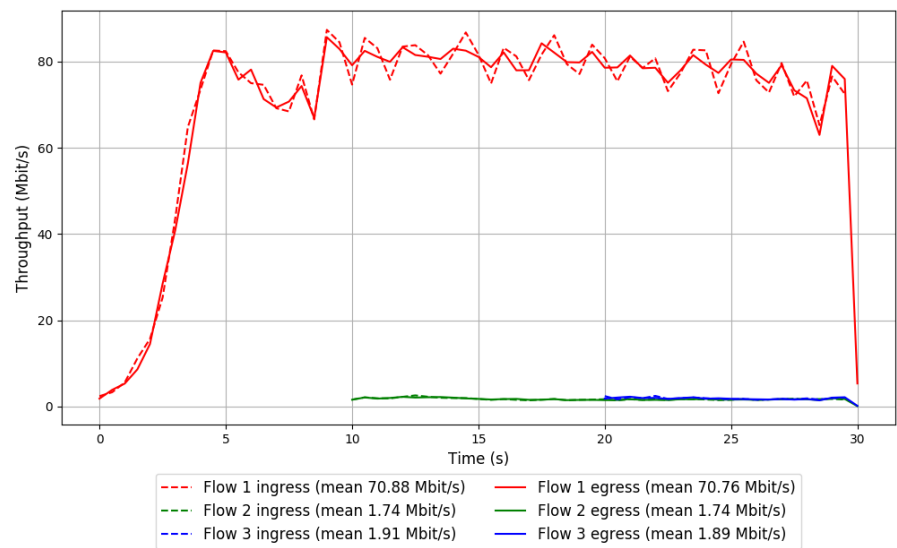
-- Flow 3:

Average throughput: 1.89 Mbit/s

95th percentile per-packet one-way delay: 87.702 ms

Loss rate: 0.76%

Run 9: Report of CalibratedKoho — Data Link



Run 10: Statistics of CalibratedKoho

Start at: Sun, 09 Jul 2017 22:53:09 +0000

End at: Sun, 09 Jul 2017 22:53:39 +0000

Local clock offset: 0.468 ms

Remote clock offset: -4.754 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:38:57 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 74.46 Mbit/s

95th percentile per-packet one-way delay: 88.826 ms

Loss rate: 0.07%

-- Flow 1:

Average throughput: 72.90 Mbit/s

95th percentile per-packet one-way delay: 88.825 ms

Loss rate: 0.06%

-- Flow 2:

Average throughput: 1.45 Mbit/s

95th percentile per-packet one-way delay: 89.358 ms

Loss rate: 0.21%

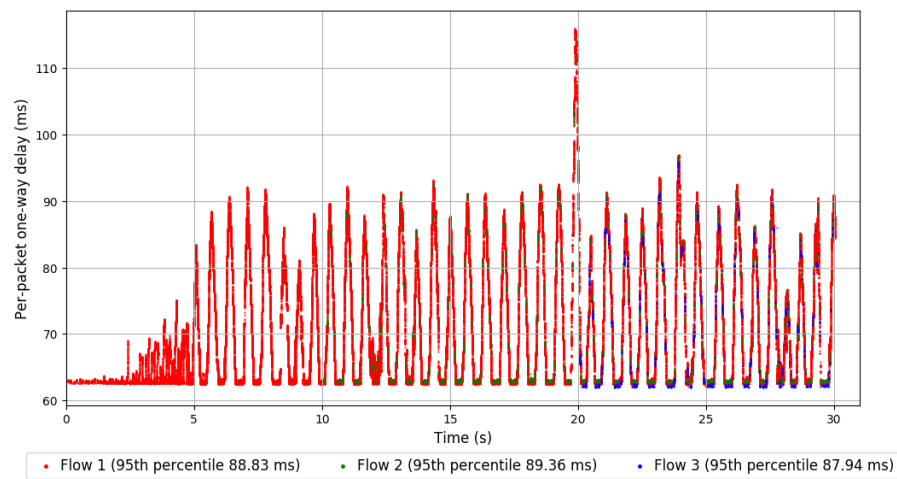
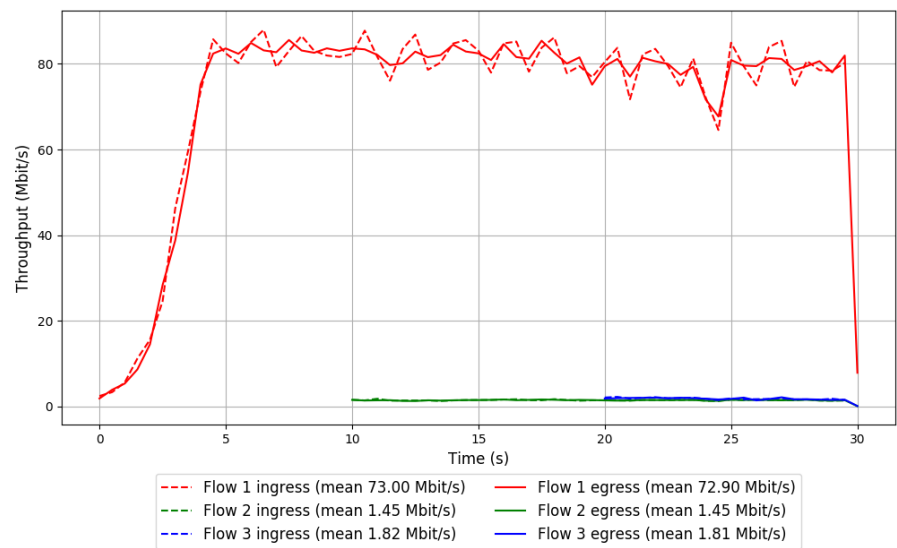
-- Flow 3:

Average throughput: 1.81 Mbit/s

95th percentile per-packet one-way delay: 87.941 ms

Loss rate: 0.33%

Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: Sun, 09 Jul 2017 19:59:28 +0000

End at: Sun, 09 Jul 2017 19:59:58 +0000

Local clock offset: 0.268 ms

Remote clock offset: -3.834 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:39:07 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 63.76 Mbit/s

95th percentile per-packet one-way delay: 78.417 ms

Loss rate: 1.77%

-- Flow 1:

Average throughput: 39.45 Mbit/s

95th percentile per-packet one-way delay: 76.591 ms

Loss rate: 1.83%

-- Flow 2:

Average throughput: 28.94 Mbit/s

95th percentile per-packet one-way delay: 100.283 ms

Loss rate: 1.73%

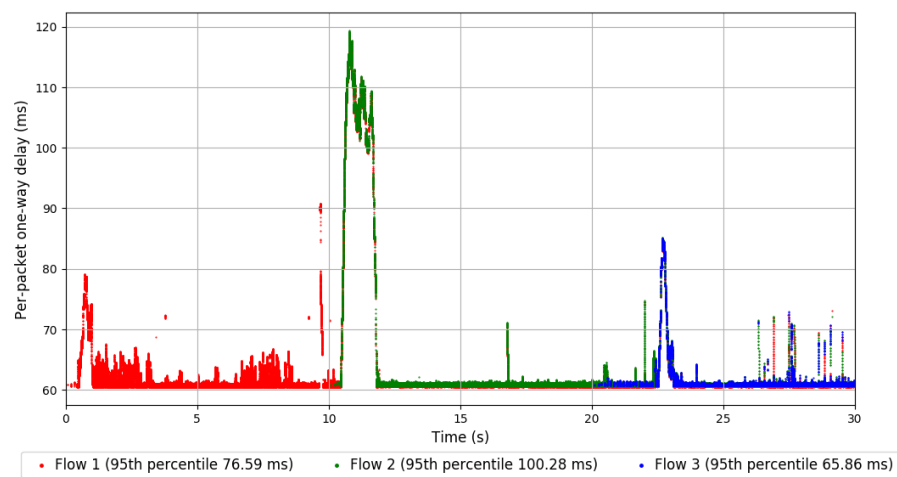
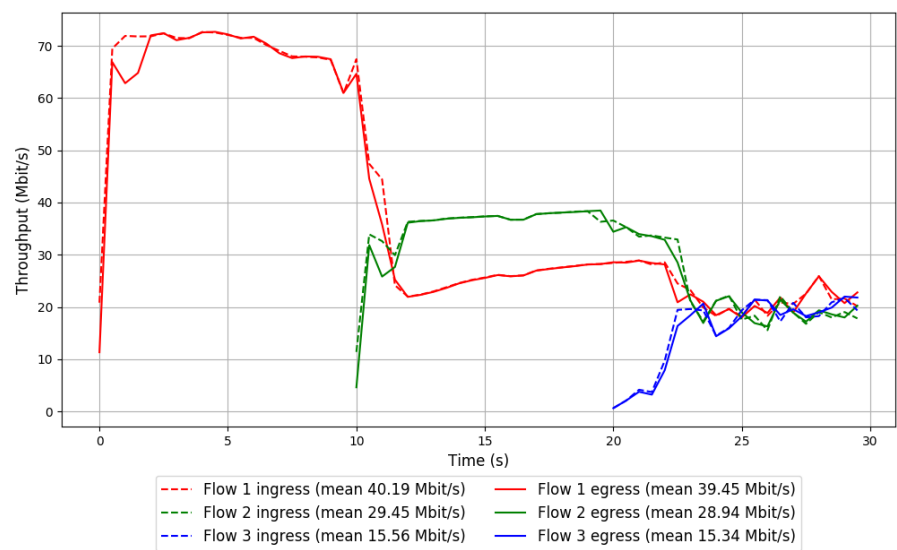
-- Flow 3:

Average throughput: 15.34 Mbit/s

95th percentile per-packet one-way delay: 65.858 ms

Loss rate: 1.44%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: Sun, 09 Jul 2017 20:22:54 +0000

End at: Sun, 09 Jul 2017 20:23:24 +0000

Local clock offset: 0.303 ms

Remote clock offset: -4.54 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:39:14 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 66.17 Mbit/s

95th percentile per-packet one-way delay: 76.564 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 45.70 Mbit/s

95th percentile per-packet one-way delay: 75.950 ms

Loss rate: 0.02%

-- Flow 2:

Average throughput: 22.88 Mbit/s

95th percentile per-packet one-way delay: 76.837 ms

Loss rate: 0.04%

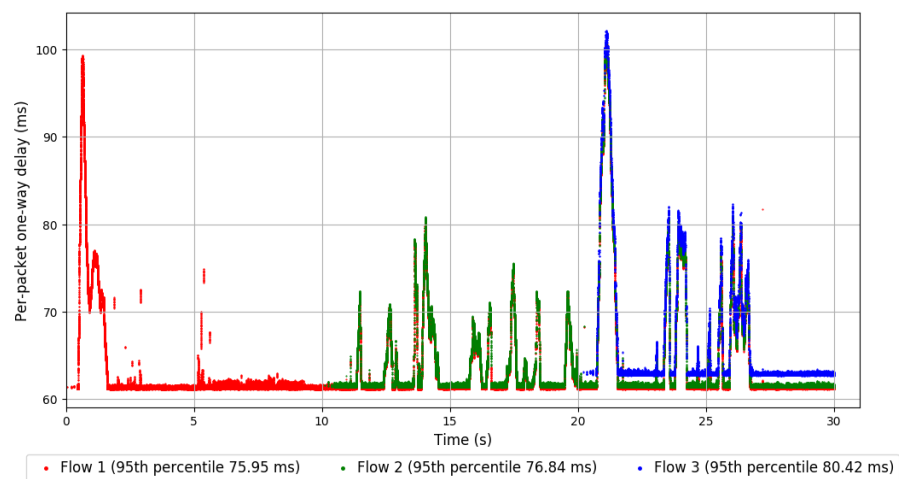
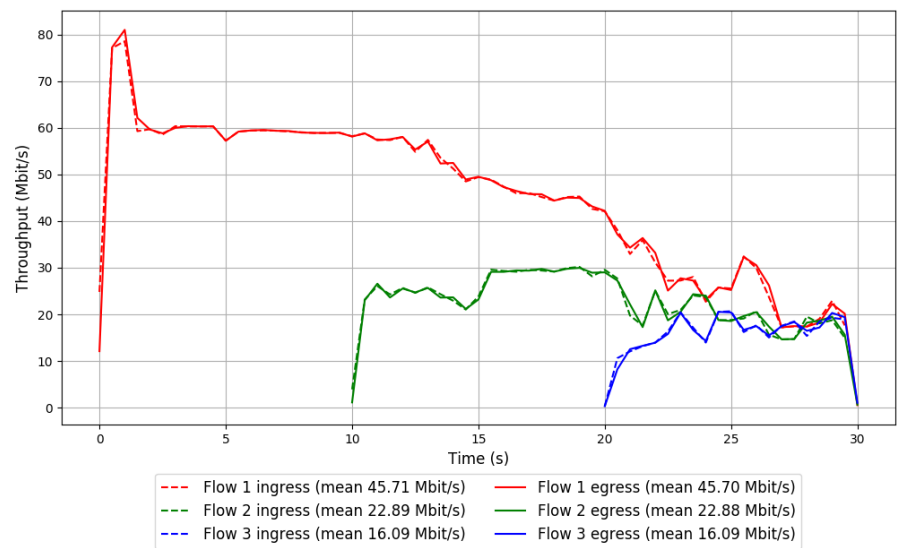
-- Flow 3:

Average throughput: 16.09 Mbit/s

95th percentile per-packet one-way delay: 80.422 ms

Loss rate: 0.00%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: Sun, 09 Jul 2017 20:41:37 +0000

End at: Sun, 09 Jul 2017 20:42:07 +0000

Local clock offset: 0.237 ms

Remote clock offset: -3.89 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:39:23 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 59.20 Mbit/s

95th percentile per-packet one-way delay: 93.058 ms

Loss rate: 0.20%

-- Flow 1:

Average throughput: 37.81 Mbit/s

95th percentile per-packet one-way delay: 86.966 ms

Loss rate: 0.25%

-- Flow 2:

Average throughput: 19.59 Mbit/s

95th percentile per-packet one-way delay: 87.807 ms

Loss rate: 0.08%

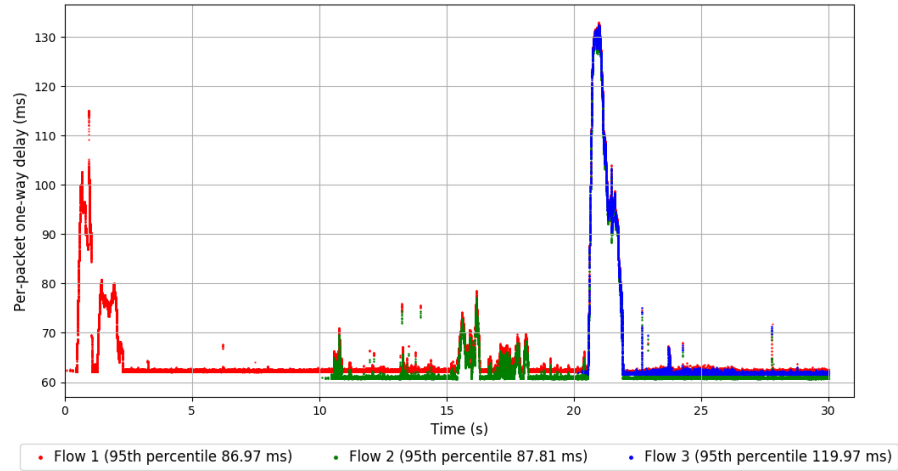
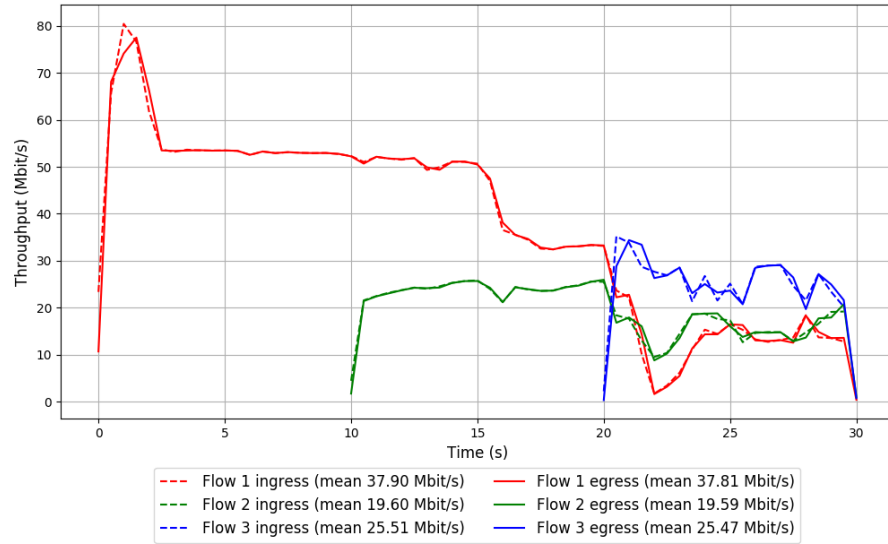
-- Flow 3:

Average throughput: 25.47 Mbit/s

95th percentile per-packet one-way delay: 119.971 ms

Loss rate: 0.16%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: Sun, 09 Jul 2017 21:00:17 +0000

End at: Sun, 09 Jul 2017 21:00:47 +0000

Local clock offset: 0.259 ms

Remote clock offset: -3.877 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:39:29 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 61.16 Mbit/s

95th percentile per-packet one-way delay: 76.245 ms

Loss rate: 0.91%

-- Flow 1:

Average throughput: 33.90 Mbit/s

95th percentile per-packet one-way delay: 69.621 ms

Loss rate: 0.61%

-- Flow 2:

Average throughput: 34.48 Mbit/s

95th percentile per-packet one-way delay: 91.483 ms

Loss rate: 1.28%

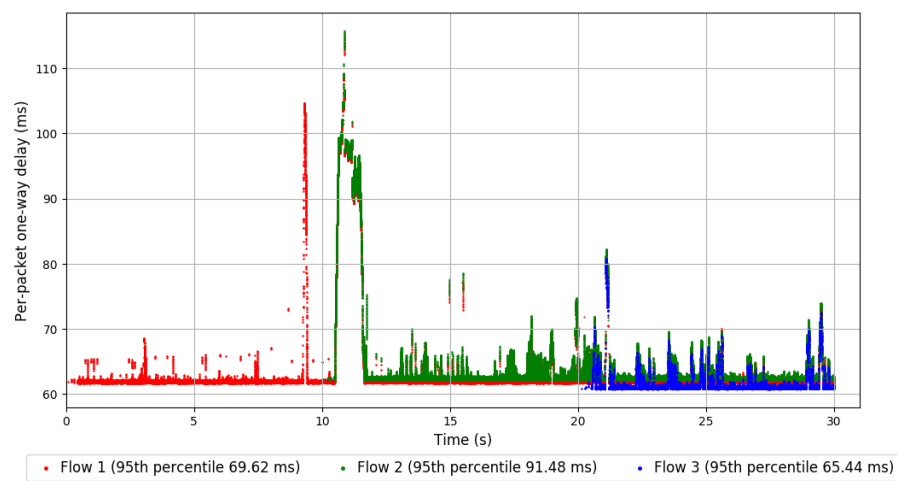
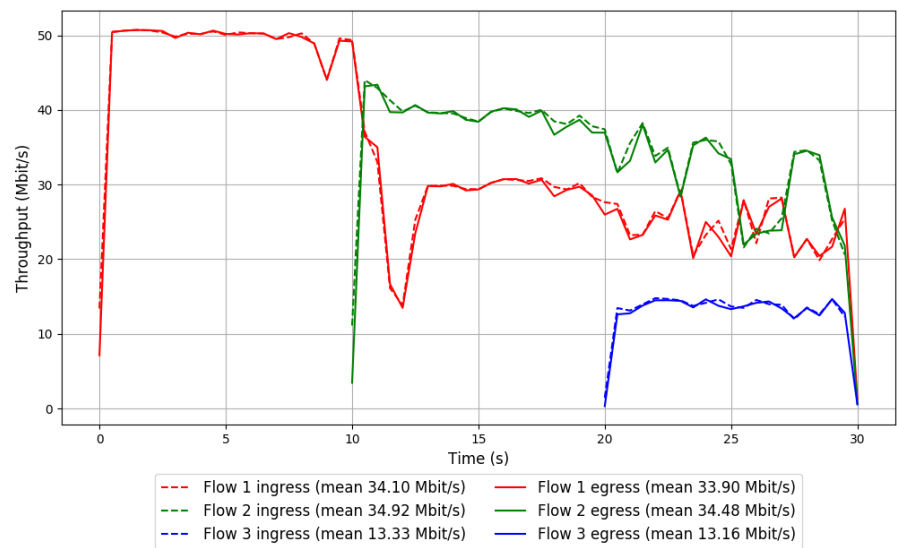
-- Flow 3:

Average throughput: 13.16 Mbit/s

95th percentile per-packet one-way delay: 65.438 ms

Loss rate: 1.23%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: Sun, 09 Jul 2017 21:19:03 +0000

End at: Sun, 09 Jul 2017 21:19:33 +0000

Local clock offset: 0.314 ms

Remote clock offset: -4.571 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:39:39 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 63.55 Mbit/s

95th percentile per-packet one-way delay: 193.351 ms

Loss rate: 0.54%

-- Flow 1:

Average throughput: 36.38 Mbit/s

95th percentile per-packet one-way delay: 197.415 ms

Loss rate: 0.94%

-- Flow 2:

Average throughput: 23.32 Mbit/s

95th percentile per-packet one-way delay: 81.035 ms

Loss rate: 0.01%

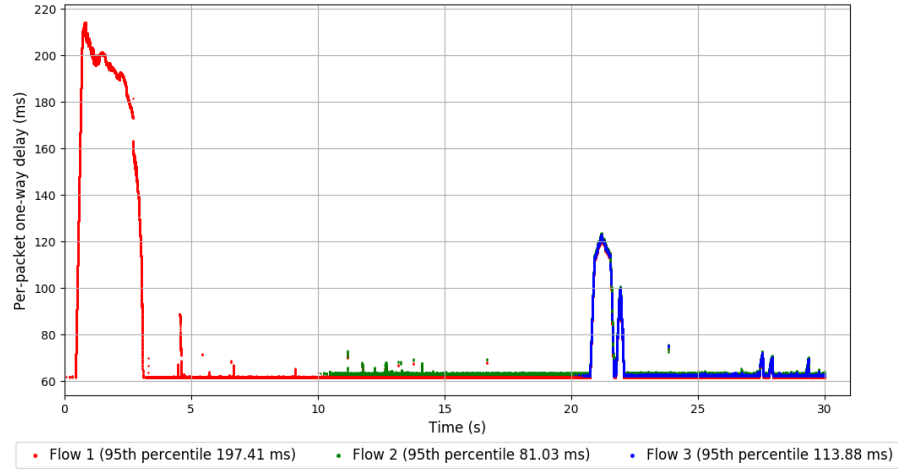
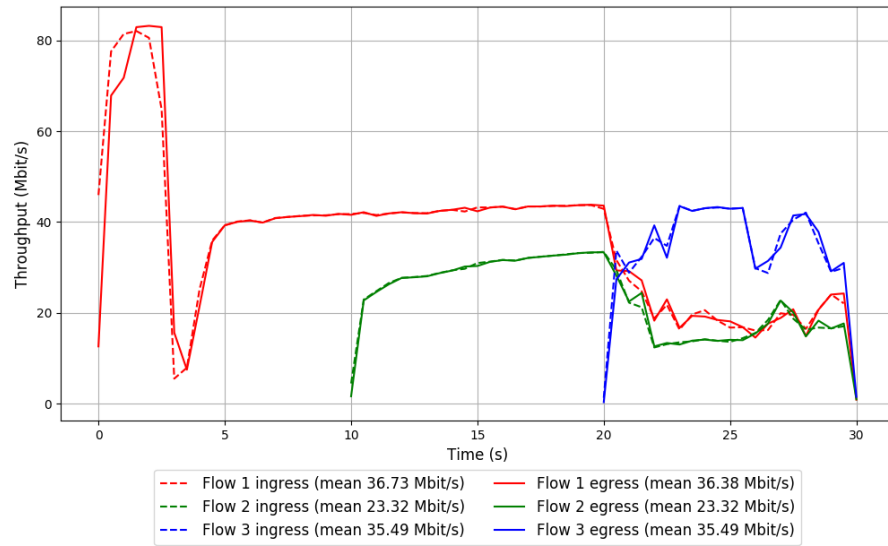
-- Flow 3:

Average throughput: 35.49 Mbit/s

95th percentile per-packet one-way delay: 113.884 ms

Loss rate: 0.00%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: Sun, 09 Jul 2017 21:37:47 +0000

End at: Sun, 09 Jul 2017 21:38:17 +0000

Local clock offset: 0.356 ms

Remote clock offset: -4.369 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:39:47 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 70.56 Mbit/s

95th percentile per-packet one-way delay: 69.989 ms

Loss rate: 0.80%

-- Flow 1:

Average throughput: 49.57 Mbit/s

95th percentile per-packet one-way delay: 69.590 ms

Loss rate: 0.64%

-- Flow 2:

Average throughput: 23.01 Mbit/s

95th percentile per-packet one-way delay: 70.795 ms

Loss rate: 1.21%

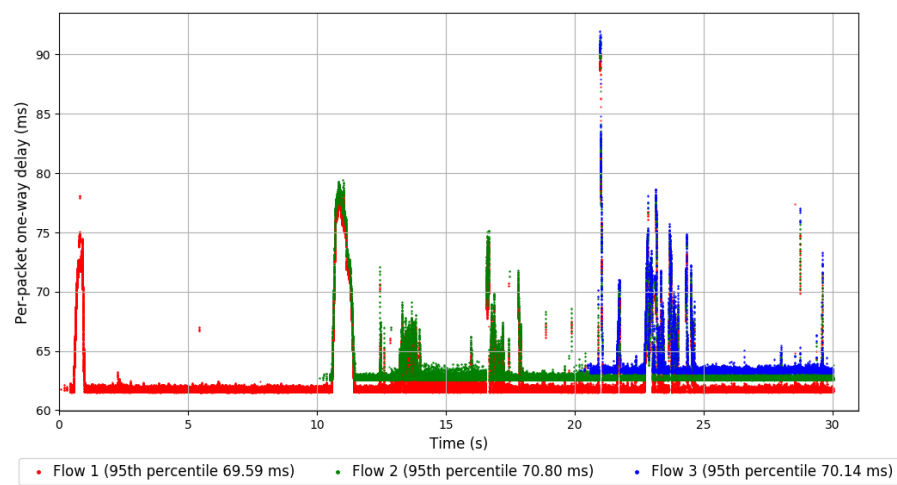
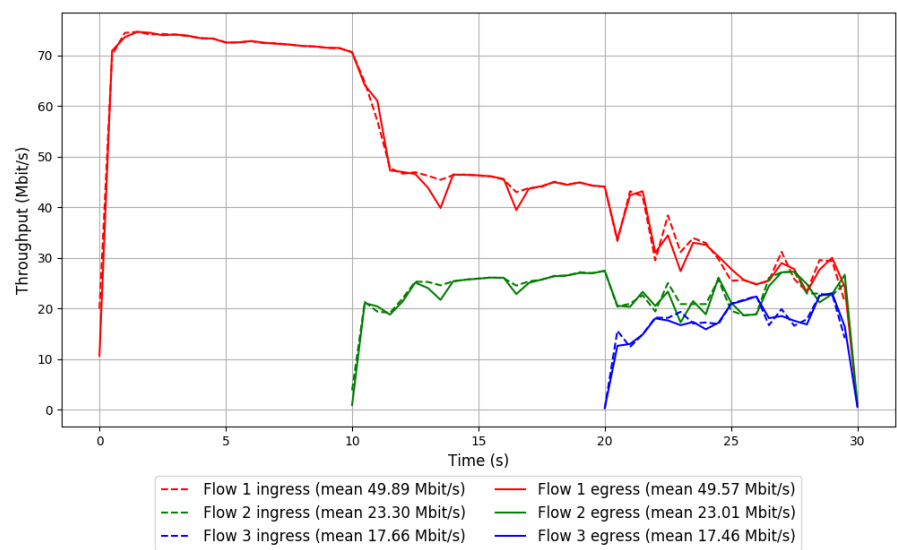
-- Flow 3:

Average throughput: 17.46 Mbit/s

95th percentile per-packet one-way delay: 70.145 ms

Loss rate: 1.13%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: Sun, 09 Jul 2017 21:56:15 +0000

End at: Sun, 09 Jul 2017 21:56:45 +0000

Local clock offset: 0.439 ms

Remote clock offset: -4.524 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:39:55 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 61.71 Mbit/s

95th percentile per-packet one-way delay: 184.369 ms

Loss rate: 2.79%

-- Flow 1:

Average throughput: 34.82 Mbit/s

95th percentile per-packet one-way delay: 198.045 ms

Loss rate: 4.11%

-- Flow 2:

Average throughput: 32.25 Mbit/s

95th percentile per-packet one-way delay: 67.191 ms

Loss rate: 0.97%

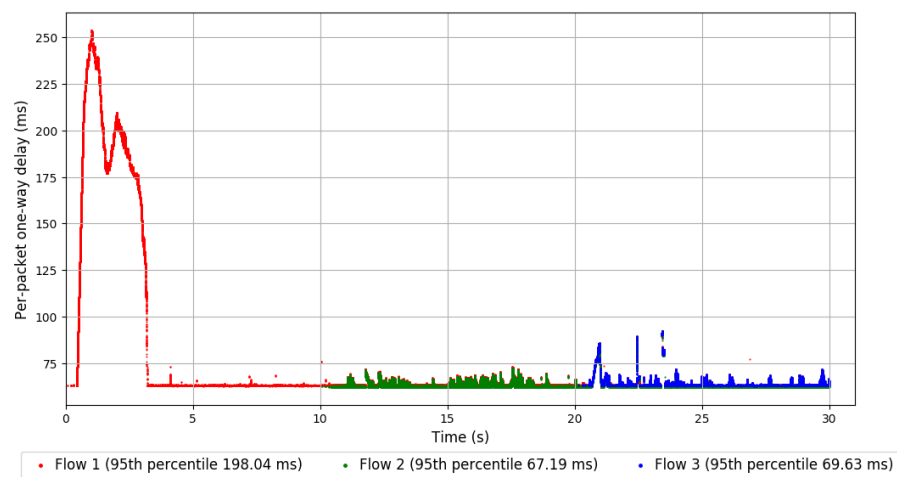
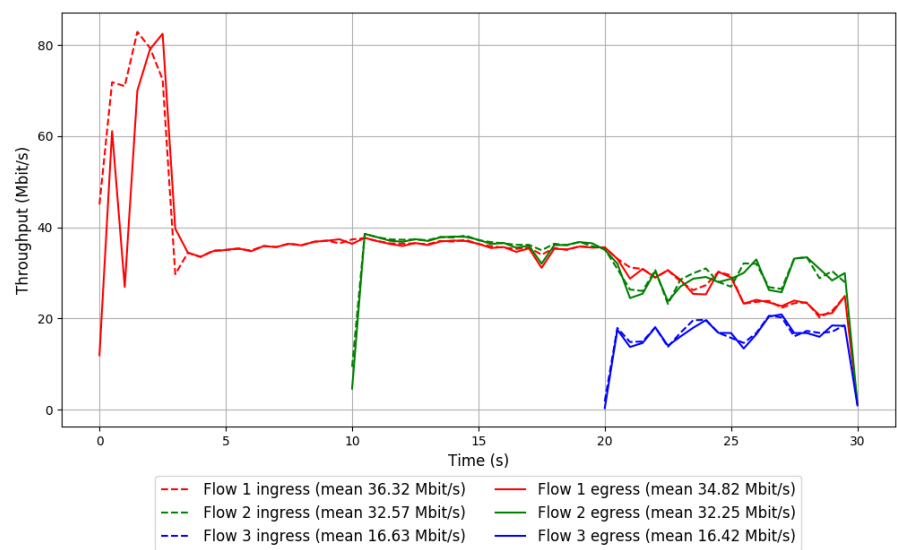
-- Flow 3:

Average throughput: 16.42 Mbit/s

95th percentile per-packet one-way delay: 69.633 ms

Loss rate: 1.24%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: Sun, 09 Jul 2017 22:14:48 +0000

End at: Sun, 09 Jul 2017 22:15:18 +0000

Local clock offset: 0.374 ms

Remote clock offset: -5.078 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:40:03 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 61.89 Mbit/s

95th percentile per-packet one-way delay: 84.648 ms

Loss rate: 0.86%

-- Flow 1:

Average throughput: 42.29 Mbit/s

95th percentile per-packet one-way delay: 75.392 ms

Loss rate: 0.80%

-- Flow 2:

Average throughput: 18.15 Mbit/s

95th percentile per-packet one-way delay: 105.728 ms

Loss rate: 1.35%

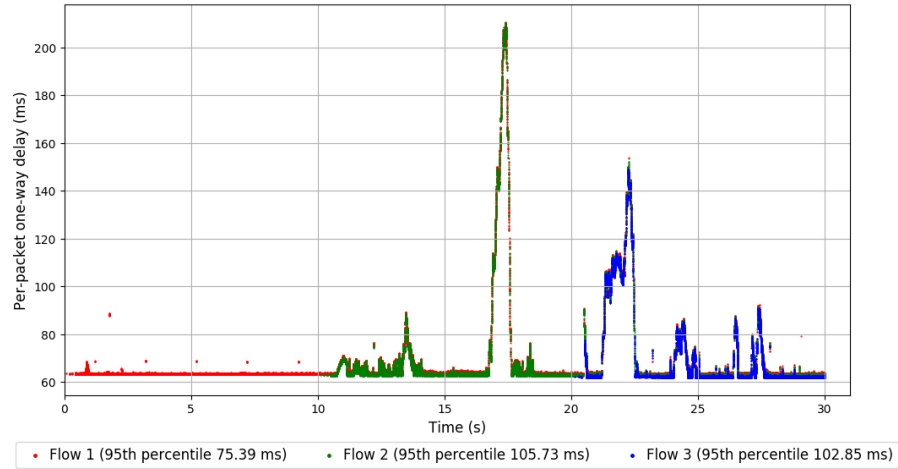
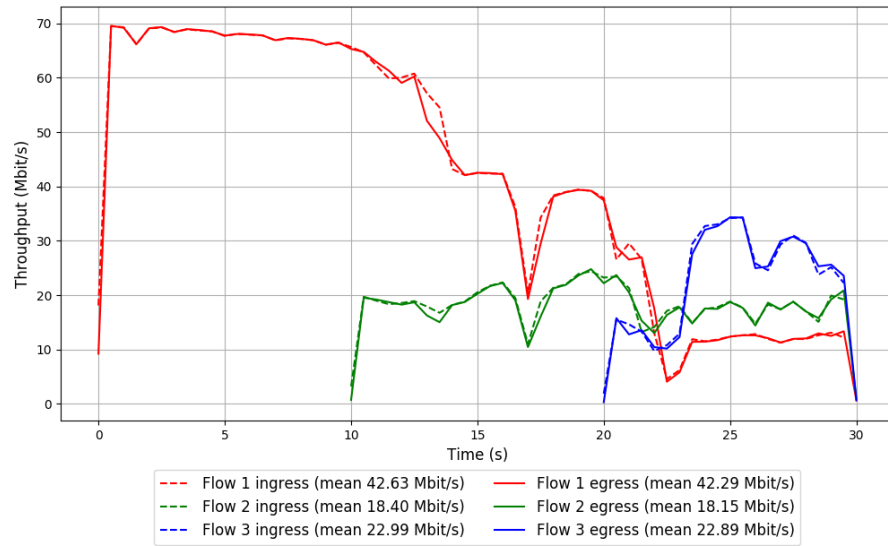
-- Flow 3:

Average throughput: 22.89 Mbit/s

95th percentile per-packet one-way delay: 102.854 ms

Loss rate: 0.45%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: Sun, 09 Jul 2017 22:33:15 +0000

End at: Sun, 09 Jul 2017 22:33:45 +0000

Local clock offset: 0.481 ms

Remote clock offset: -4.734 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:40:12 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 63.38 Mbit/s

95th percentile per-packet one-way delay: 67.697 ms

Loss rate: 7.20%

-- Flow 1:

Average throughput: 48.06 Mbit/s

95th percentile per-packet one-way delay: 67.860 ms

Loss rate: 7.22%

-- Flow 2:

Average throughput: 20.21 Mbit/s

95th percentile per-packet one-way delay: 67.388 ms

Loss rate: 7.25%

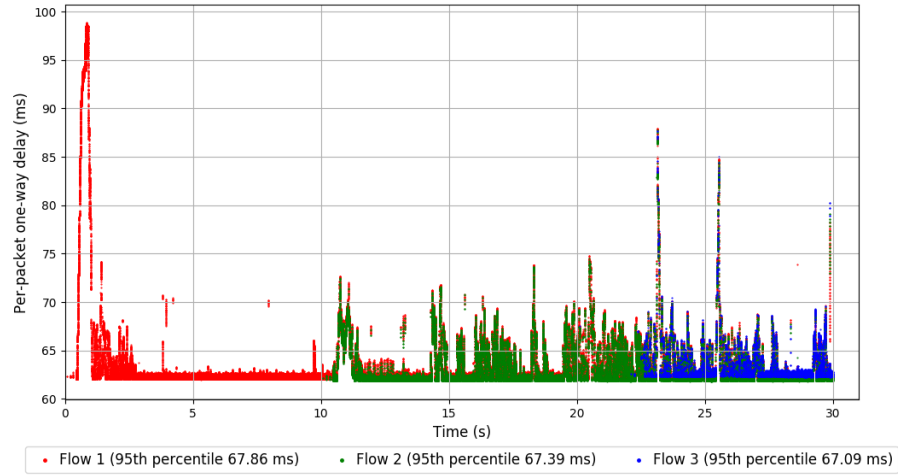
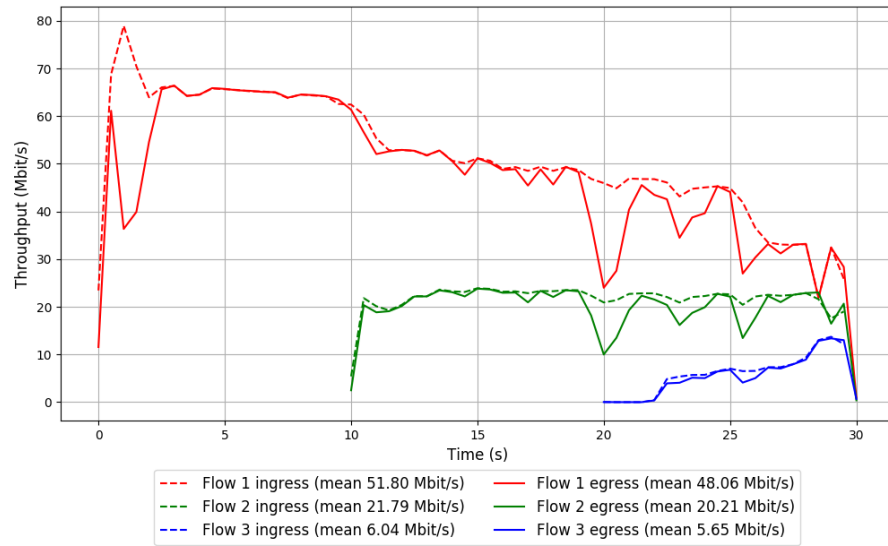
-- Flow 3:

Average throughput: 5.65 Mbit/s

95th percentile per-packet one-way delay: 67.086 ms

Loss rate: 6.38%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: Sun, 09 Jul 2017 22:51:50 +0000

End at: Sun, 09 Jul 2017 22:52:20 +0000

Local clock offset: 0.522 ms

Remote clock offset: -4.547 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:40:19 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 64.47 Mbit/s

95th percentile per-packet one-way delay: 68.617 ms

Loss rate: 4.46%

-- Flow 1:

Average throughput: 50.46 Mbit/s

95th percentile per-packet one-way delay: 69.131 ms

Loss rate: 4.16%

-- Flow 2:

Average throughput: 21.06 Mbit/s

95th percentile per-packet one-way delay: 67.667 ms

Loss rate: 5.54%

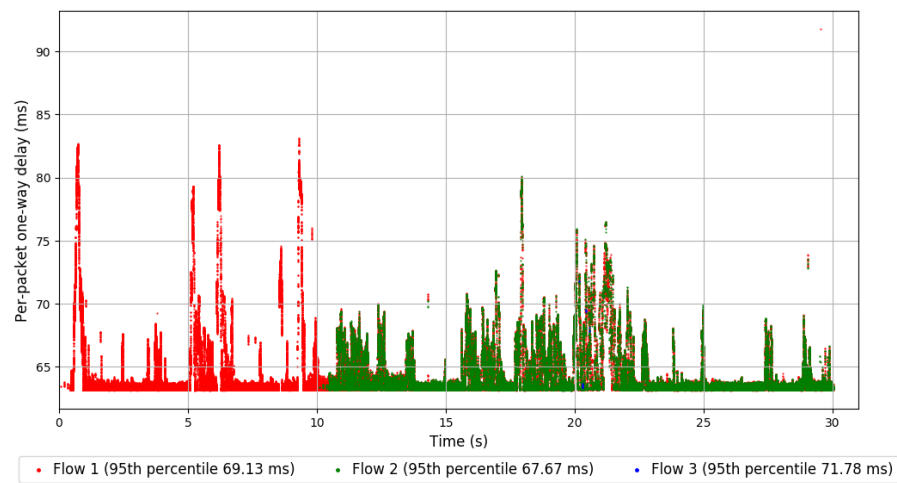
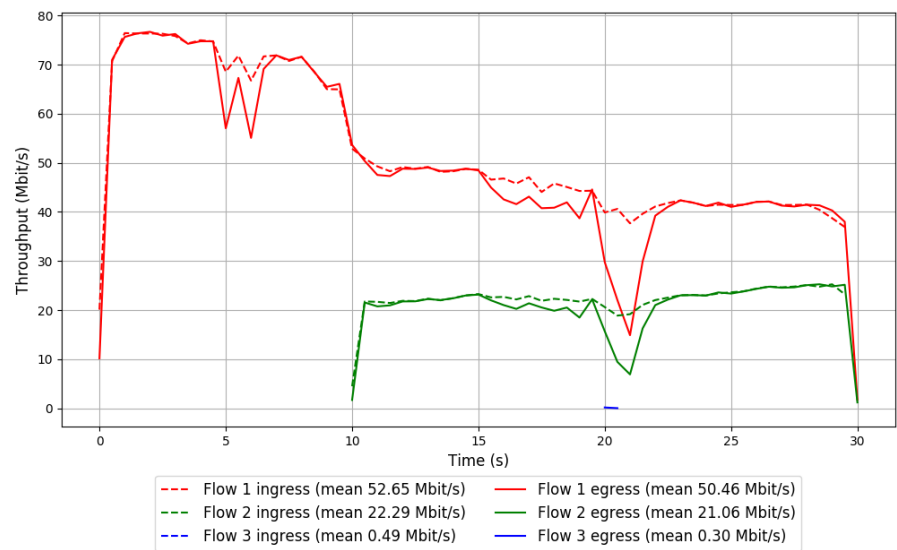
-- Flow 3:

Average throughput: 0.30 Mbit/s

95th percentile per-packet one-way delay: 71.785 ms

Loss rate: 39.49%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: Sun, 09 Jul 2017 19:58:12 +0000

End at: Sun, 09 Jul 2017 19:58:42 +0000

Local clock offset: 0.344 ms

Remote clock offset: -4.047 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:40:24 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 73.24 Mbit/s

95th percentile per-packet one-way delay: 405.691 ms

Loss rate: 0.19%

-- Flow 1:

Average throughput: 47.05 Mbit/s

95th percentile per-packet one-way delay: 374.751 ms

Loss rate: 0.15%

-- Flow 2:

Average throughput: 37.22 Mbit/s

95th percentile per-packet one-way delay: 421.840 ms

Loss rate: 0.28%

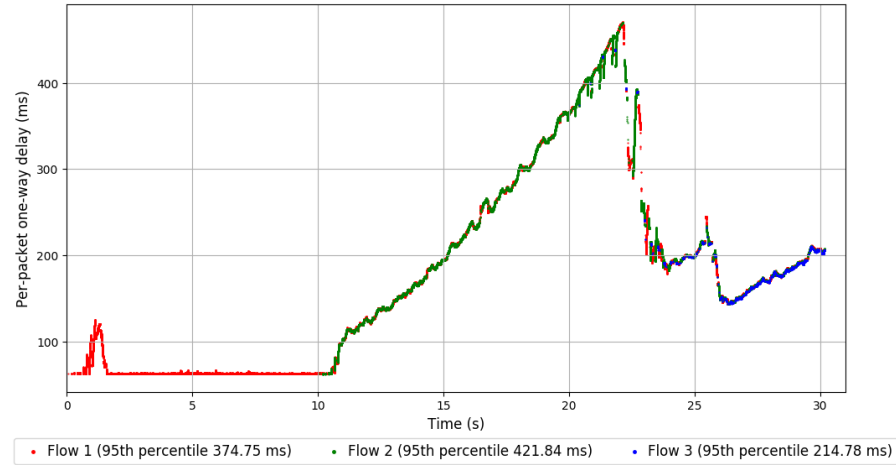
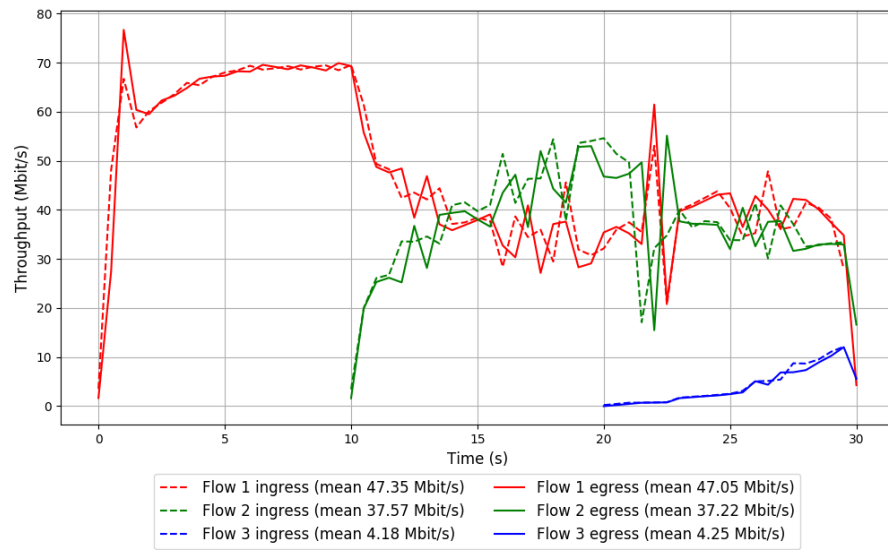
-- Flow 3:

Average throughput: 4.25 Mbit/s

95th percentile per-packet one-way delay: 214.775 ms

Loss rate: 0.00%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: Sun, 09 Jul 2017 20:21:37 +0000

End at: Sun, 09 Jul 2017 20:22:07 +0000

Local clock offset: 0.23 ms

Remote clock offset: -3.617 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:40:31 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 79.51 Mbit/s

95th percentile per-packet one-way delay: 374.991 ms

Loss rate: 0.06%

-- Flow 1:

Average throughput: 51.94 Mbit/s

95th percentile per-packet one-way delay: 359.283 ms

Loss rate: 0.08%

-- Flow 2:

Average throughput: 39.78 Mbit/s

95th percentile per-packet one-way delay: 396.503 ms

Loss rate: 0.02%

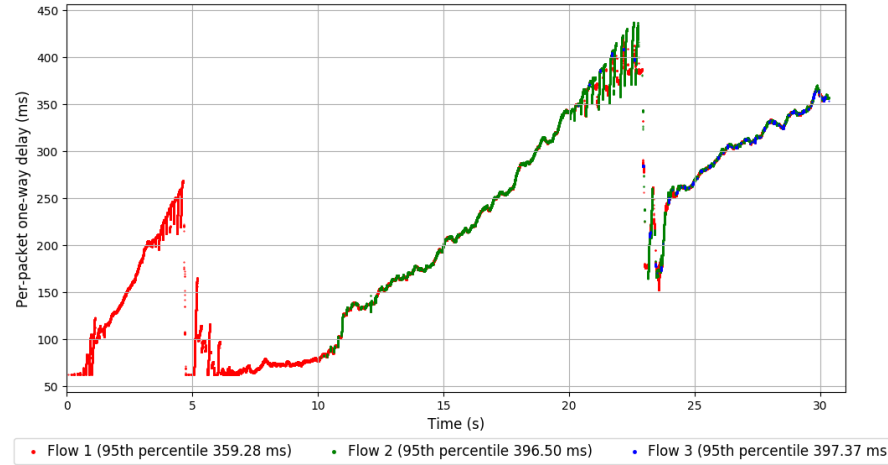
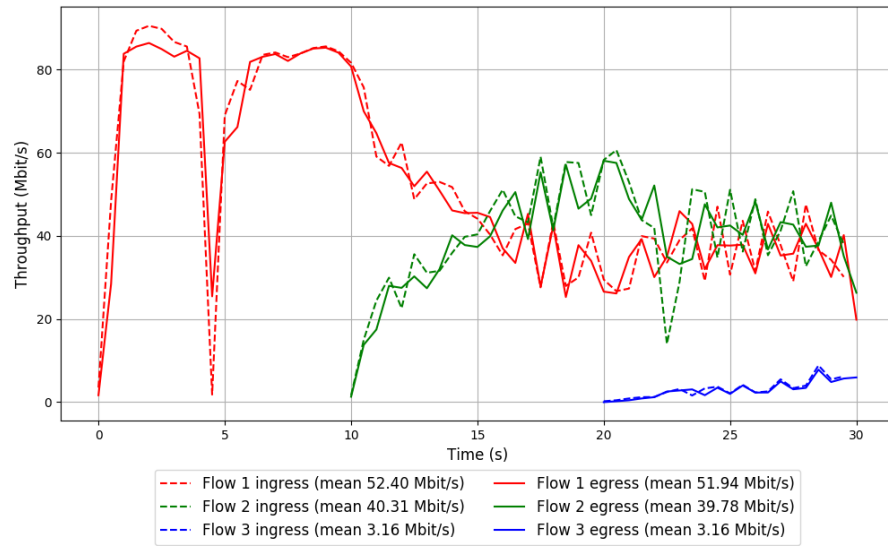
-- Flow 3:

Average throughput: 3.16 Mbit/s

95th percentile per-packet one-way delay: 397.367 ms

Loss rate: 0.00%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: Sun, 09 Jul 2017 20:40:20 +0000

End at: Sun, 09 Jul 2017 20:40:50 +0000

Local clock offset: 0.303 ms

Remote clock offset: -4.446 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:40:35 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 78.80 Mbit/s

95th percentile per-packet one-way delay: 325.643 ms

Loss rate: 0.20%

-- Flow 1:

Average throughput: 51.94 Mbit/s

95th percentile per-packet one-way delay: 290.297 ms

Loss rate: 0.20%

-- Flow 2:

Average throughput: 39.06 Mbit/s

95th percentile per-packet one-way delay: 346.662 ms

Loss rate: 0.14%

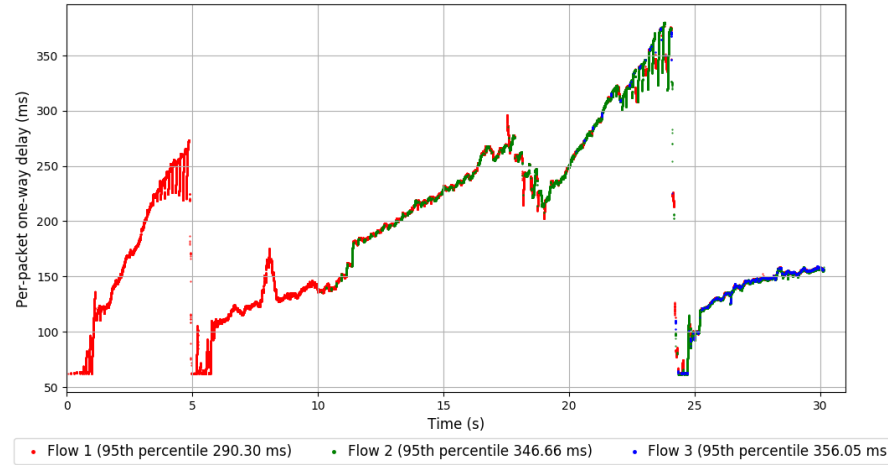
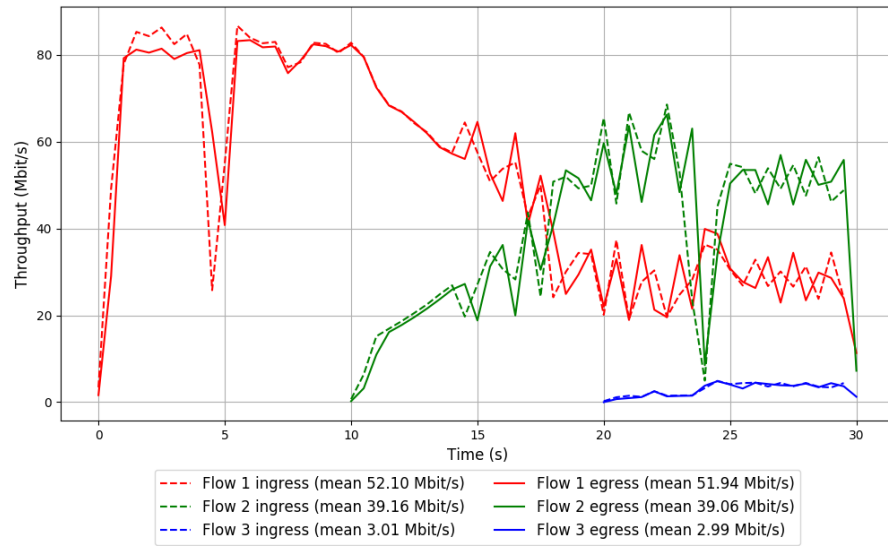
-- Flow 3:

Average throughput: 2.99 Mbit/s

95th percentile per-packet one-way delay: 356.048 ms

Loss rate: 1.69%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: Sun, 09 Jul 2017 20:58:52 +0000

End at: Sun, 09 Jul 2017 20:59:22 +0000

Local clock offset: 0.263 ms

Remote clock offset: -3.891 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:40:42 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 79.81 Mbit/s

95th percentile per-packet one-way delay: 291.866 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 56.76 Mbit/s

95th percentile per-packet one-way delay: 285.273 ms

Loss rate: 0.02%

-- Flow 2:

Average throughput: 31.66 Mbit/s

95th percentile per-packet one-way delay: 322.515 ms

Loss rate: 0.04%

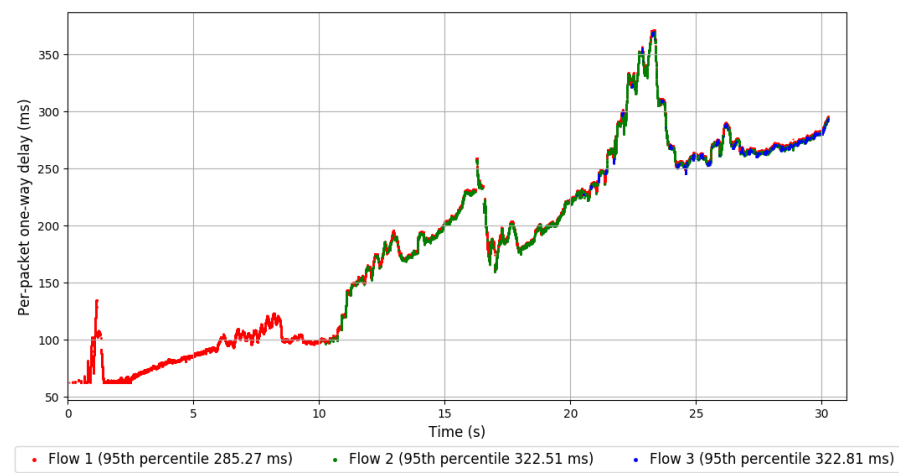
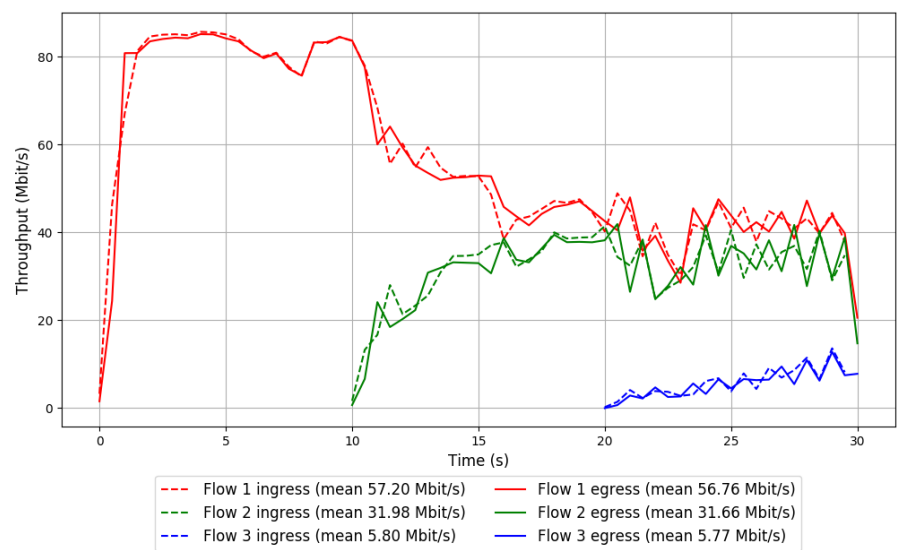
-- Flow 3:

Average throughput: 5.77 Mbit/s

95th percentile per-packet one-way delay: 322.810 ms

Loss rate: 0.02%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: Sun, 09 Jul 2017 21:17:47 +0000

End at: Sun, 09 Jul 2017 21:18:17 +0000

Local clock offset: 0.32 ms

Remote clock offset: -4.107 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:40:47 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 81.09 Mbit/s

95th percentile per-packet one-way delay: 338.361 ms

Loss rate: 0.07%

-- Flow 1:

Average throughput: 50.58 Mbit/s

95th percentile per-packet one-way delay: 306.930 ms

Loss rate: 0.09%

-- Flow 2:

Average throughput: 44.65 Mbit/s

95th percentile per-packet one-way delay: 350.472 ms

Loss rate: 0.02%

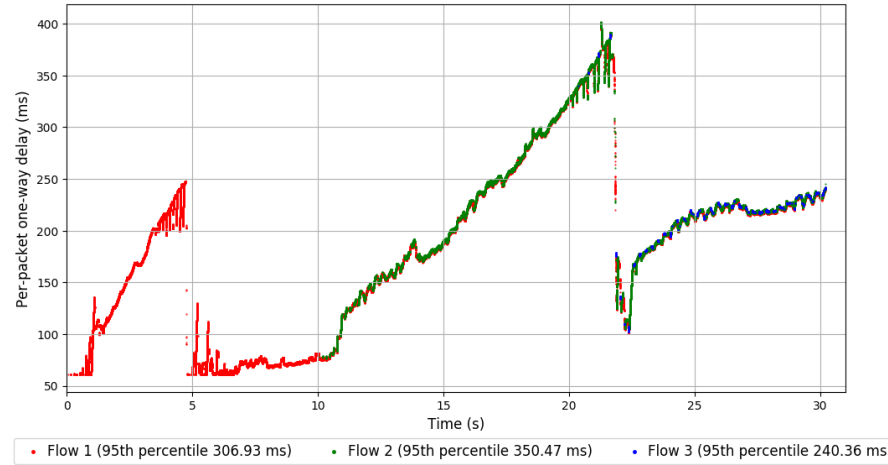
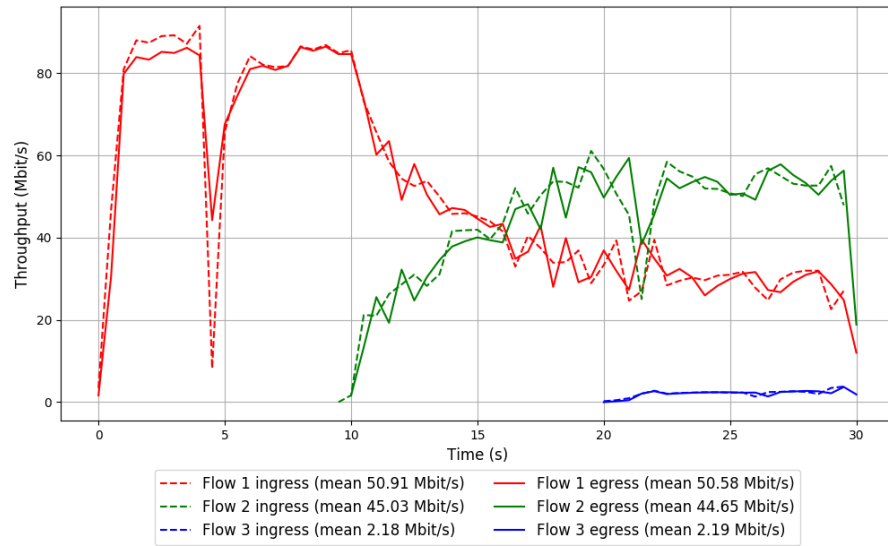
-- Flow 3:

Average throughput: 2.19 Mbit/s

95th percentile per-packet one-way delay: 240.360 ms

Loss rate: 0.17%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: Sun, 09 Jul 2017 21:36:25 +0000

End at: Sun, 09 Jul 2017 21:36:55 +0000

Local clock offset: 0.307 ms

Remote clock offset: -4.419 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:40:53 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 72.87 Mbit/s

95th percentile per-packet one-way delay: 373.616 ms

Loss rate: 1.09%

-- Flow 1:

Average throughput: 36.65 Mbit/s

95th percentile per-packet one-way delay: 304.611 ms

Loss rate: 1.02%

-- Flow 2:

Average throughput: 33.44 Mbit/s

95th percentile per-packet one-way delay: 356.962 ms

Loss rate: 1.76%

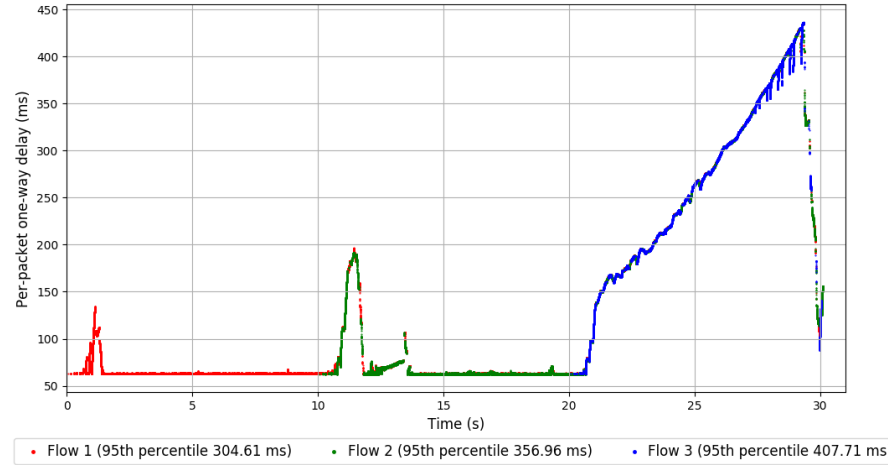
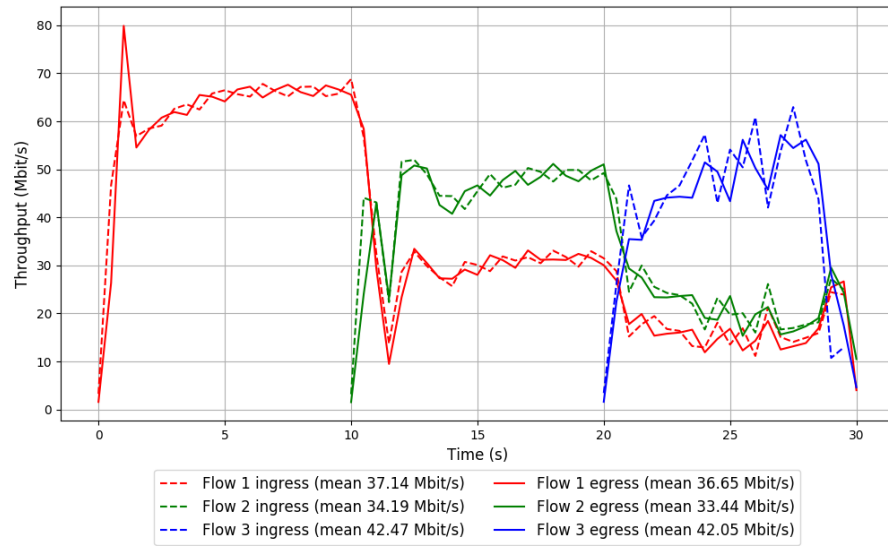
-- Flow 3:

Average throughput: 42.05 Mbit/s

95th percentile per-packet one-way delay: 407.711 ms

Loss rate: 0.19%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Sun, 09 Jul 2017 21:54:59 +0000

End at: Sun, 09 Jul 2017 21:55:29 +0000

Local clock offset: 0.456 ms

Remote clock offset: -4.801 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:40:57 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 66.80 Mbit/s

95th percentile per-packet one-way delay: 280.344 ms

Loss rate: 0.26%

-- Flow 1:

Average throughput: 33.84 Mbit/s

95th percentile per-packet one-way delay: 210.439 ms

Loss rate: 0.43%

-- Flow 2:

Average throughput: 47.82 Mbit/s

95th percentile per-packet one-way delay: 296.854 ms

Loss rate: 0.09%

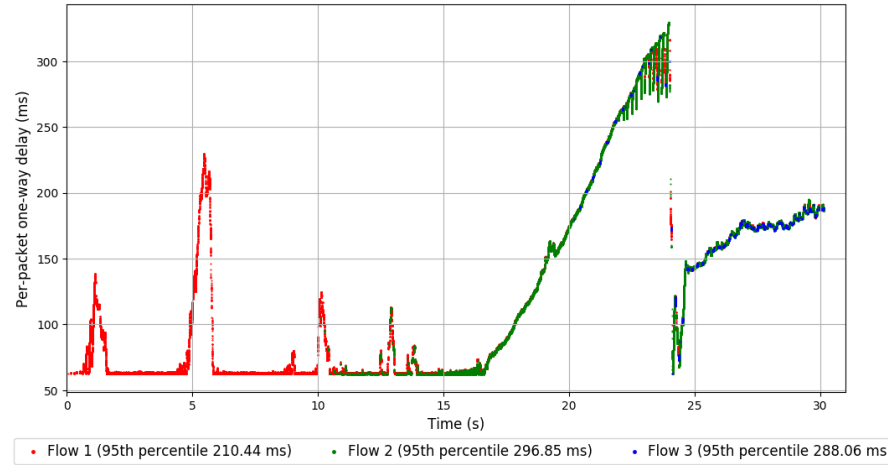
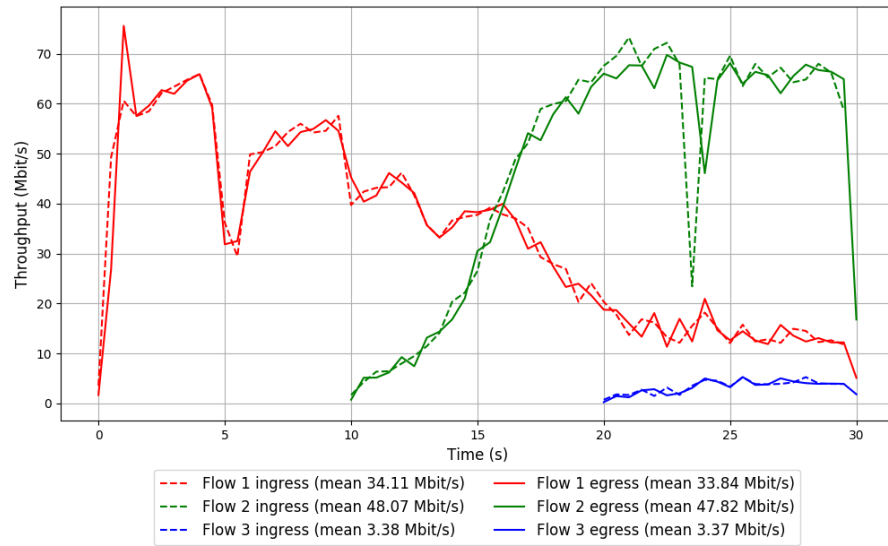
-- Flow 3:

Average throughput: 3.37 Mbit/s

95th percentile per-packet one-way delay: 288.055 ms

Loss rate: 0.11%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: Sun, 09 Jul 2017 22:13:25 +0000

End at: Sun, 09 Jul 2017 22:13:55 +0000

Local clock offset: 0.452 ms

Remote clock offset: -5.043 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:41:06 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 82.06 Mbit/s

95th percentile per-packet one-way delay: 314.999 ms

Loss rate: 0.19%

-- Flow 1:

Average throughput: 48.89 Mbit/s

95th percentile per-packet one-way delay: 278.886 ms

Loss rate: 0.24%

-- Flow 2:

Average throughput: 49.16 Mbit/s

95th percentile per-packet one-way delay: 336.995 ms

Loss rate: 0.10%

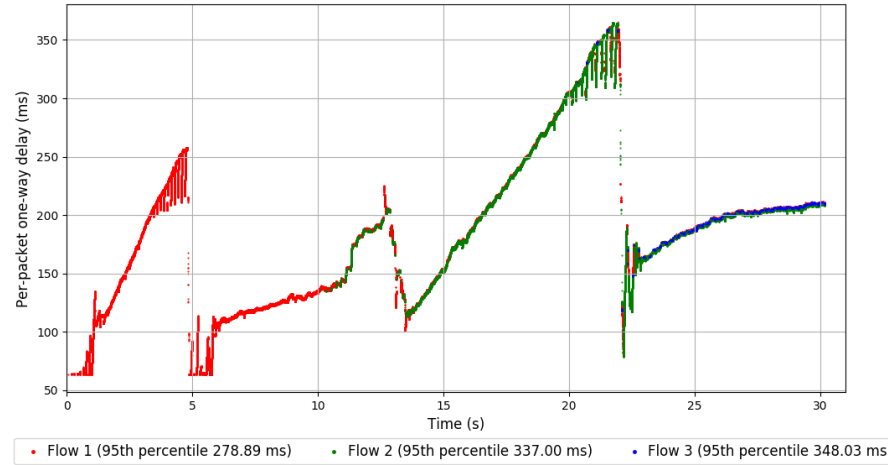
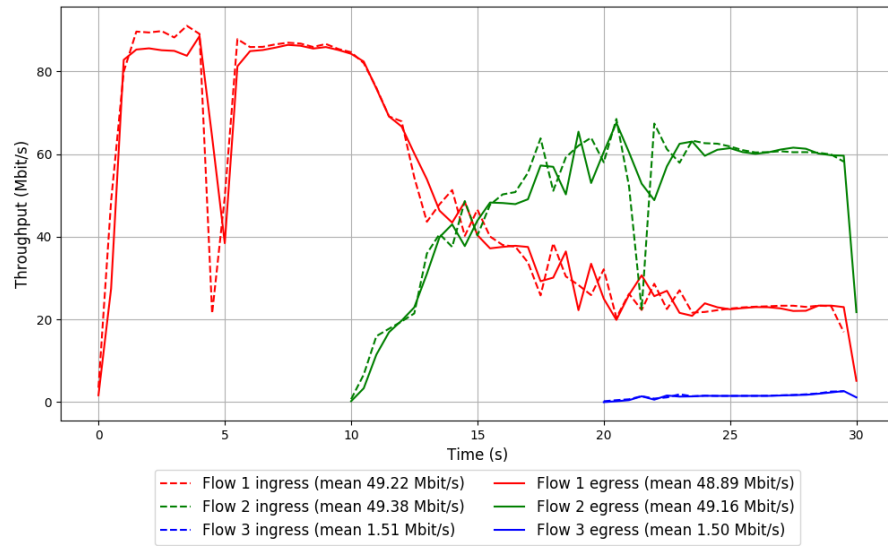
-- Flow 3:

Average throughput: 1.50 Mbit/s

95th percentile per-packet one-way delay: 348.027 ms

Loss rate: 1.52%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: Sun, 09 Jul 2017 22:31:53 +0000

End at: Sun, 09 Jul 2017 22:32:23 +0000

Local clock offset: 0.459 ms

Remote clock offset: -4.533 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:41:08 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 75.08 Mbit/s

95th percentile per-packet one-way delay: 324.184 ms

Loss rate: 0.31%

-- Flow 1:

Average throughput: 38.29 Mbit/s

95th percentile per-packet one-way delay: 274.455 ms

Loss rate: 0.42%

-- Flow 2:

Average throughput: 42.47 Mbit/s

95th percentile per-packet one-way delay: 316.201 ms

Loss rate: 0.24%

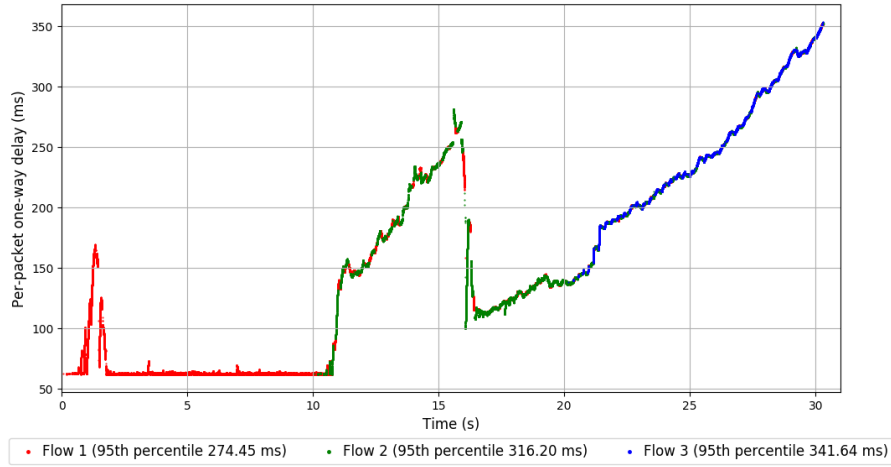
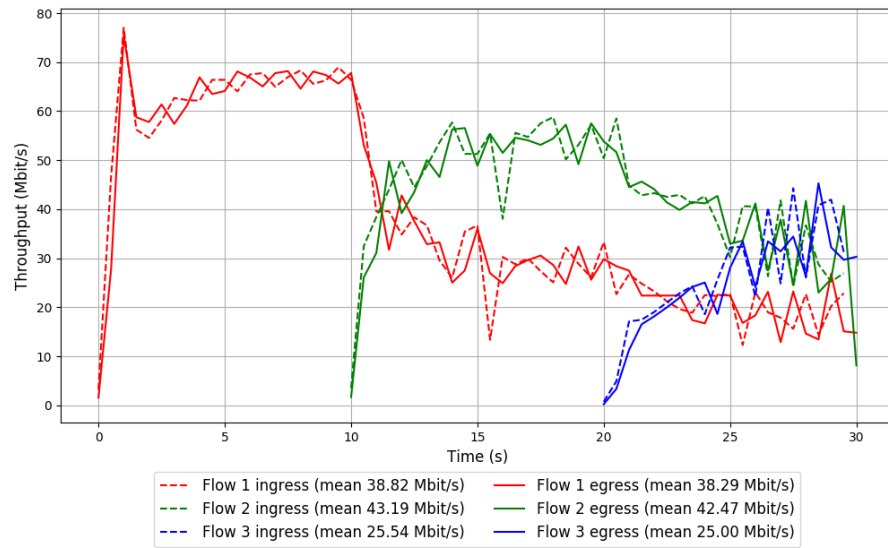
-- Flow 3:

Average throughput: 25.00 Mbit/s

95th percentile per-packet one-way delay: 341.639 ms

Loss rate: 0.00%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: Sun, 09 Jul 2017 22:50:34 +0000

End at: Sun, 09 Jul 2017 22:51:04 +0000

Local clock offset: 0.516 ms

Remote clock offset: -4.07 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:41:18 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 70.56 Mbit/s

95th percentile per-packet one-way delay: 378.825 ms

Loss rate: 0.95%

-- Flow 1:

Average throughput: 32.77 Mbit/s

95th percentile per-packet one-way delay: 337.891 ms

Loss rate: 0.95%

-- Flow 2:

Average throughput: 42.97 Mbit/s

95th percentile per-packet one-way delay: 361.262 ms

Loss rate: 1.24%

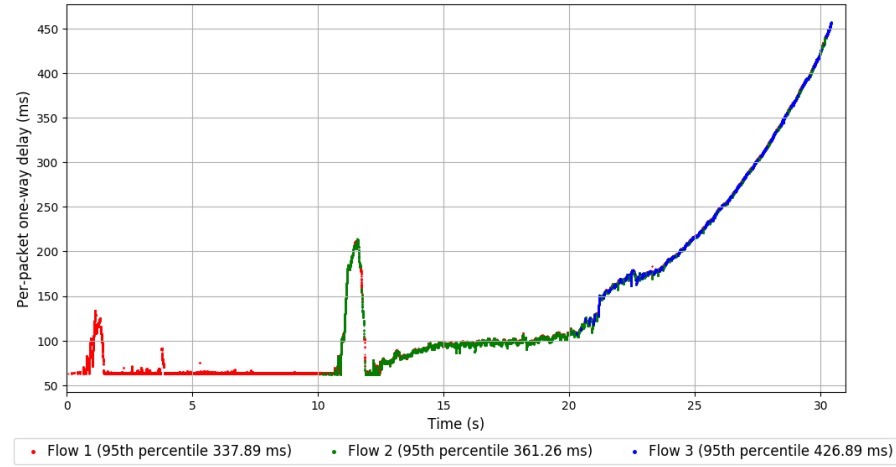
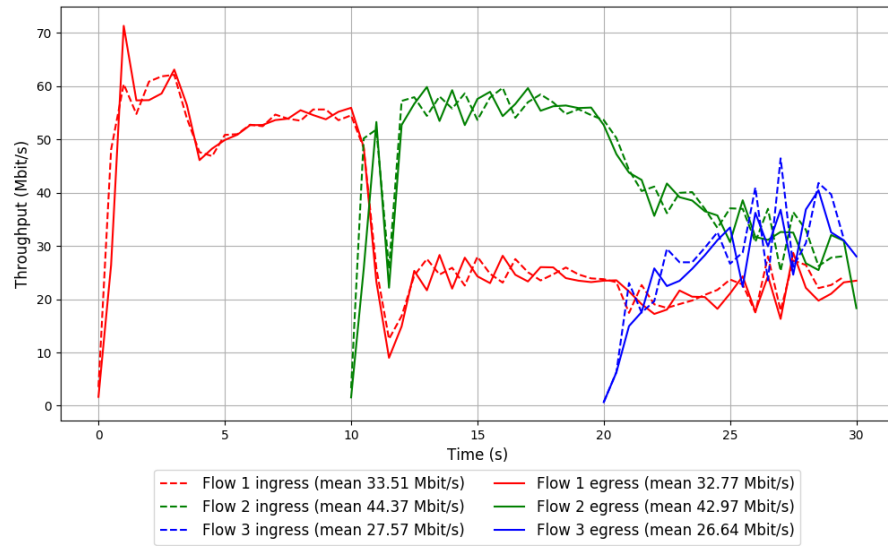
-- Flow 3:

Average throughput: 26.64 Mbit/s

95th percentile per-packet one-way delay: 426.890 ms

Loss rate: 0.00%

Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of KohoCC

Start at: Sun, 09 Jul 2017 20:10:31 +0000

End at: Sun, 09 Jul 2017 20:11:01 +0000

Local clock offset: 0.266 ms

Remote clock offset: -4.009 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:41:18 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 20.12 Mbit/s

95th percentile per-packet one-way delay: 63.103 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 10.10 Mbit/s

95th percentile per-packet one-way delay: 63.266 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 10.12 Mbit/s

95th percentile per-packet one-way delay: 62.233 ms

Loss rate: 0.00%

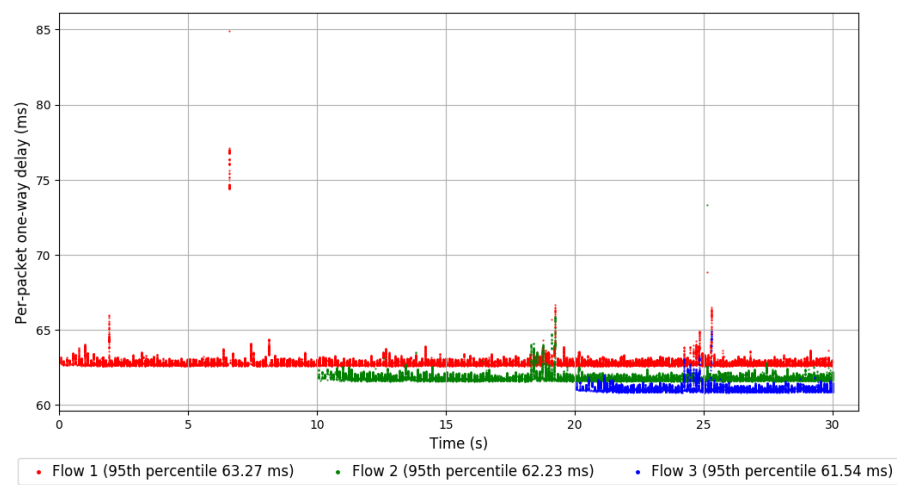
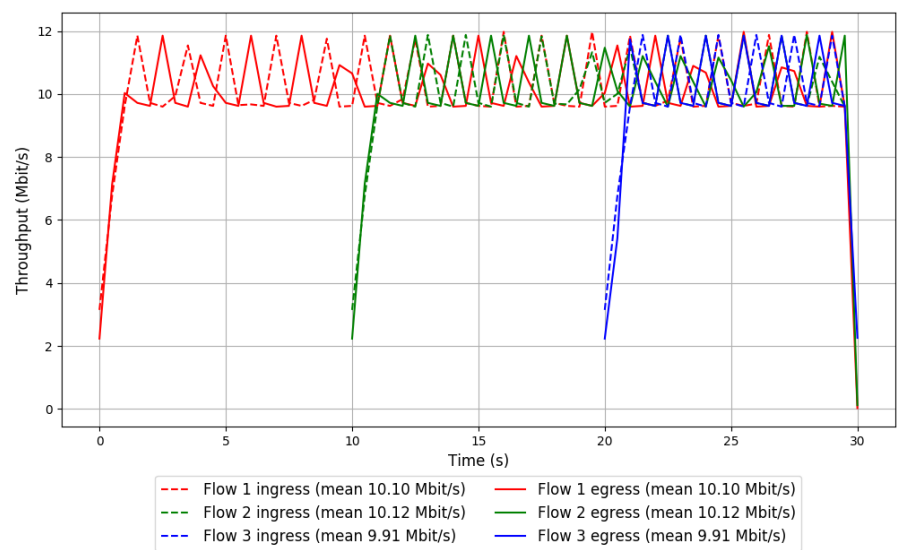
-- Flow 3:

Average throughput: 9.91 Mbit/s

95th percentile per-packet one-way delay: 61.536 ms

Loss rate: 0.00%

Run 1: Report of KohoCC — Data Link



Run 2: Statistics of KohoCC

Start at: Sun, 09 Jul 2017 20:29:18 +0000

End at: Sun, 09 Jul 2017 20:29:48 +0000

Local clock offset: 0.3 ms

Remote clock offset: -4.422 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:41:18 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 20.04 Mbit/s

95th percentile per-packet one-way delay: 63.136 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 10.14 Mbit/s

95th percentile per-packet one-way delay: 62.935 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 10.05 Mbit/s

95th percentile per-packet one-way delay: 62.999 ms

Loss rate: 0.00%

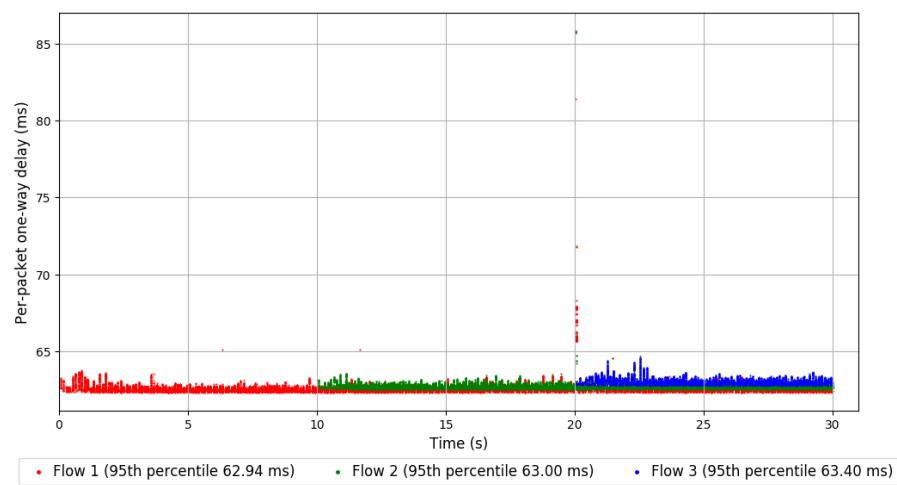
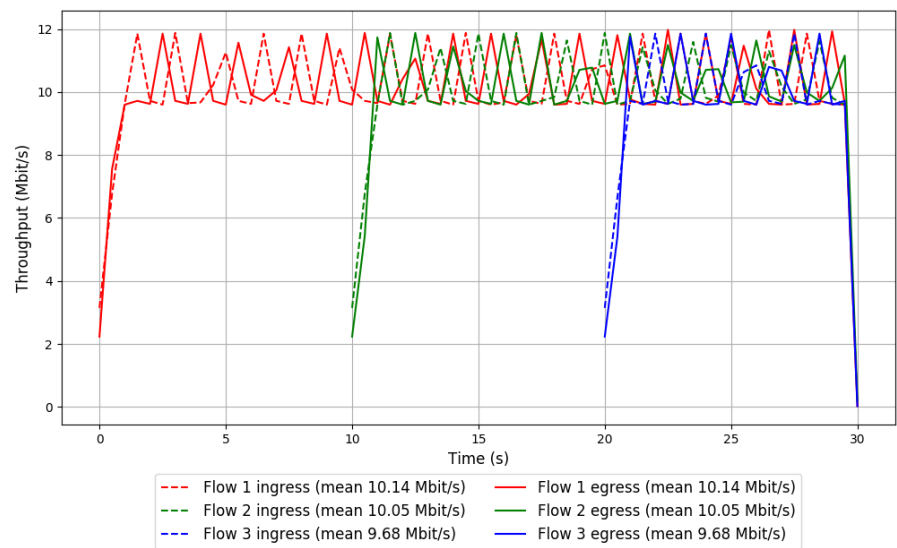
-- Flow 3:

Average throughput: 9.68 Mbit/s

95th percentile per-packet one-way delay: 63.402 ms

Loss rate: 0.00%

Run 2: Report of KohoCC — Data Link



Run 3: Statistics of KohoCC

Start at: Sun, 09 Jul 2017 20:47:53 +0000

End at: Sun, 09 Jul 2017 20:48:23 +0000

Local clock offset: 0.217 ms

Remote clock offset: -3.736 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:41:18 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 20.17 Mbit/s

95th percentile per-packet one-way delay: 62.581 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 10.19 Mbit/s

95th percentile per-packet one-way delay: 62.264 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 10.12 Mbit/s

95th percentile per-packet one-way delay: 62.614 ms

Loss rate: 0.00%

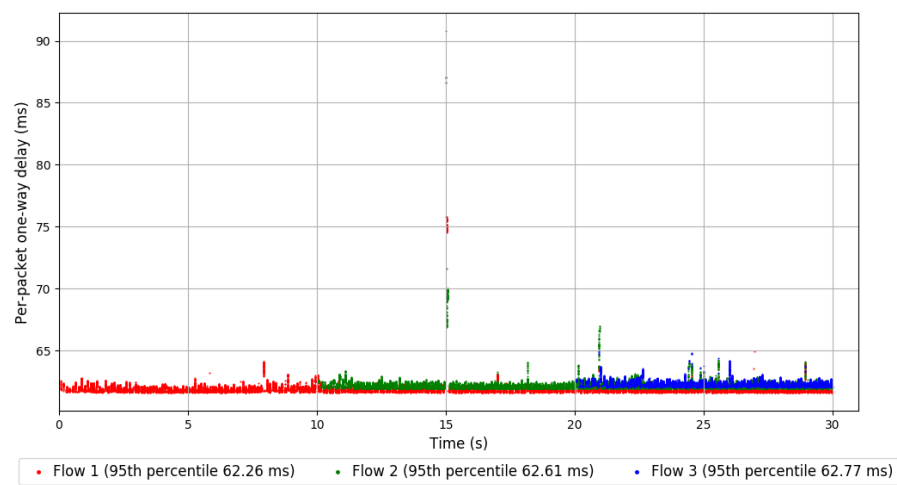
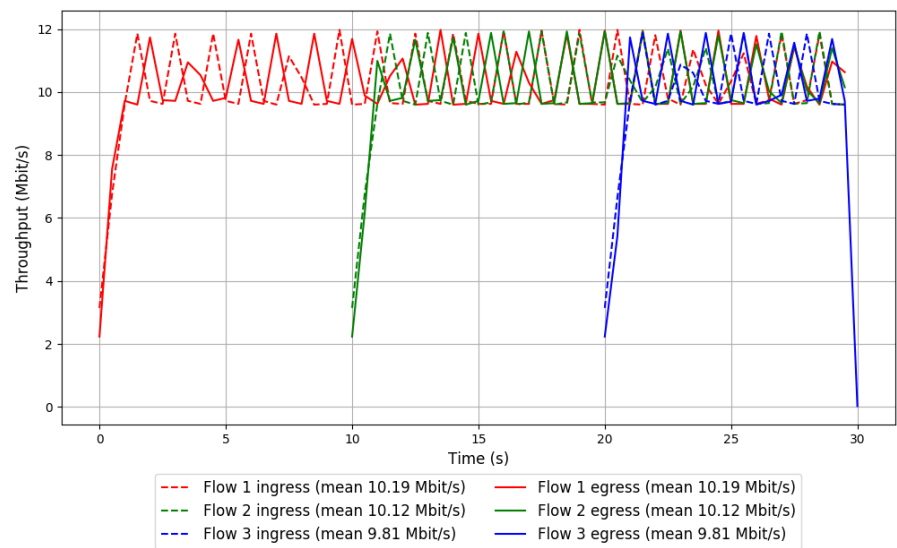
-- Flow 3:

Average throughput: 9.81 Mbit/s

95th percentile per-packet one-way delay: 62.766 ms

Loss rate: 0.00%

Run 3: Report of KohoCC — Data Link



Run 4: Statistics of KohoCC

Start at: Sun, 09 Jul 2017 21:06:44 +0000

End at: Sun, 09 Jul 2017 21:07:14 +0000

Local clock offset: 0.28 ms

Remote clock offset: -3.654 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:41:21 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 21.10 Mbit/s

95th percentile per-packet one-way delay: 62.531 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 10.25 Mbit/s

95th percentile per-packet one-way delay: 61.579 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 10.06 Mbit/s

95th percentile per-packet one-way delay: 62.718 ms

Loss rate: 0.00%

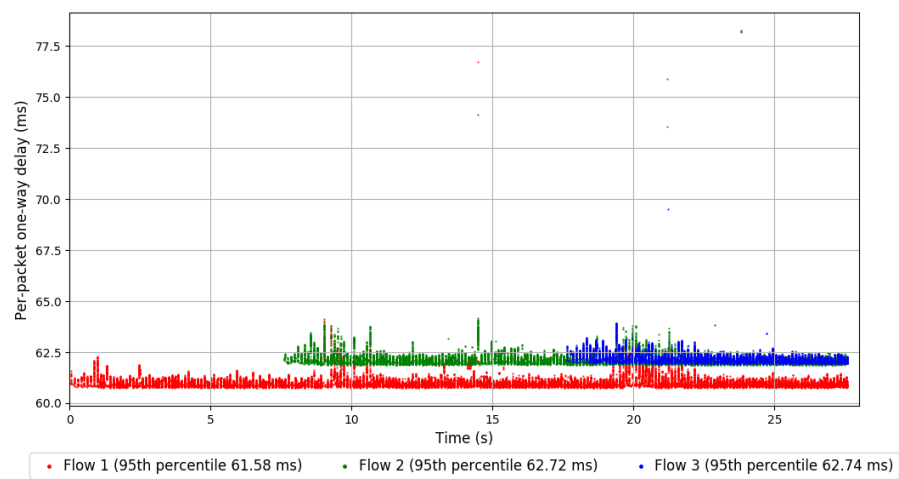
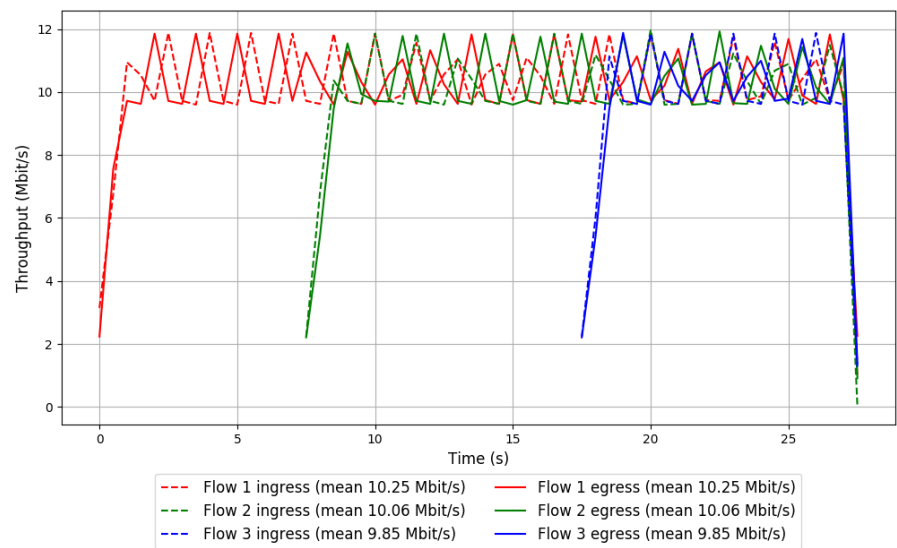
-- Flow 3:

Average throughput: 9.85 Mbit/s

95th percentile per-packet one-way delay: 62.743 ms

Loss rate: 0.00%

Run 4: Report of KohoCC — Data Link



Run 5: Statistics of KohoCC

Start at: Sun, 09 Jul 2017 21:25:19 +0000

End at: Sun, 09 Jul 2017 21:25:49 +0000

Local clock offset: 0.343 ms

Remote clock offset: -4.318 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:41:22 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 20.12 Mbit/s

95th percentile per-packet one-way delay: 63.208 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 10.14 Mbit/s

95th percentile per-packet one-way delay: 63.330 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 10.12 Mbit/s

95th percentile per-packet one-way delay: 62.565 ms

Loss rate: 0.00%

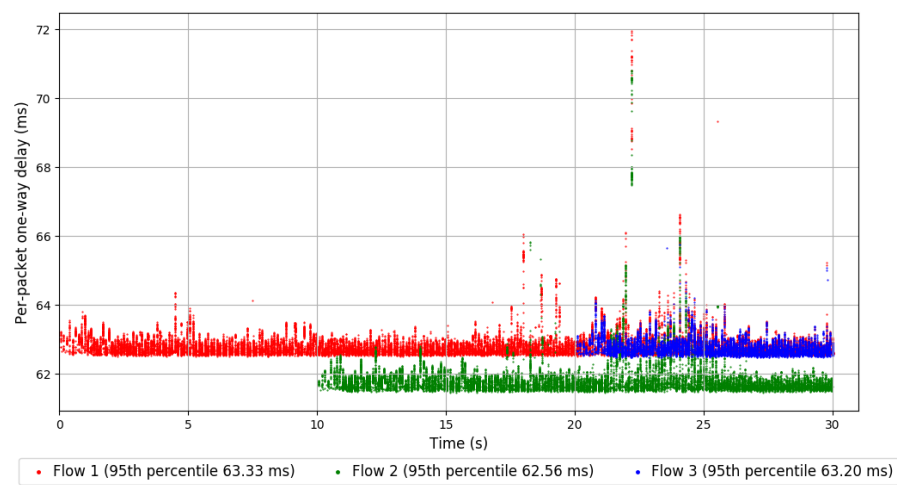
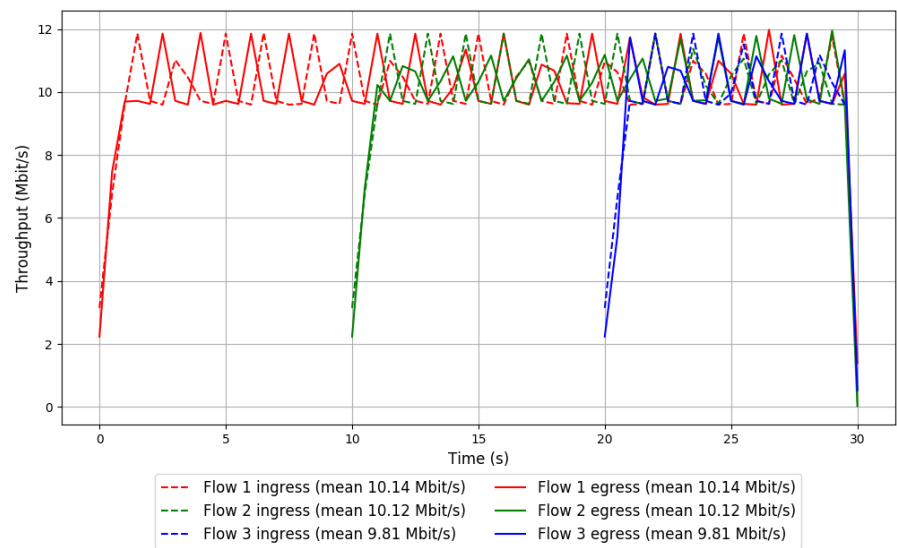
-- Flow 3:

Average throughput: 9.81 Mbit/s

95th percentile per-packet one-way delay: 63.201 ms

Loss rate: 0.00%

Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

Start at: Sun, 09 Jul 2017 21:43:59 +0000

End at: Sun, 09 Jul 2017 21:44:29 +0000

Local clock offset: 0.426 ms

Remote clock offset: -4.974 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:41:24 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 20.15 Mbit/s

95th percentile per-packet one-way delay: 63.415 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 10.22 Mbit/s

95th percentile per-packet one-way delay: 62.648 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 10.05 Mbit/s

95th percentile per-packet one-way delay: 63.530 ms

Loss rate: 0.00%

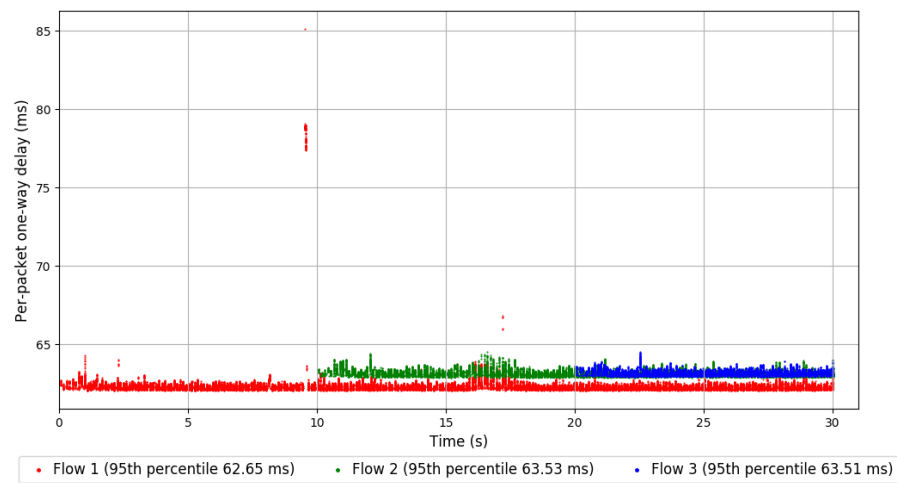
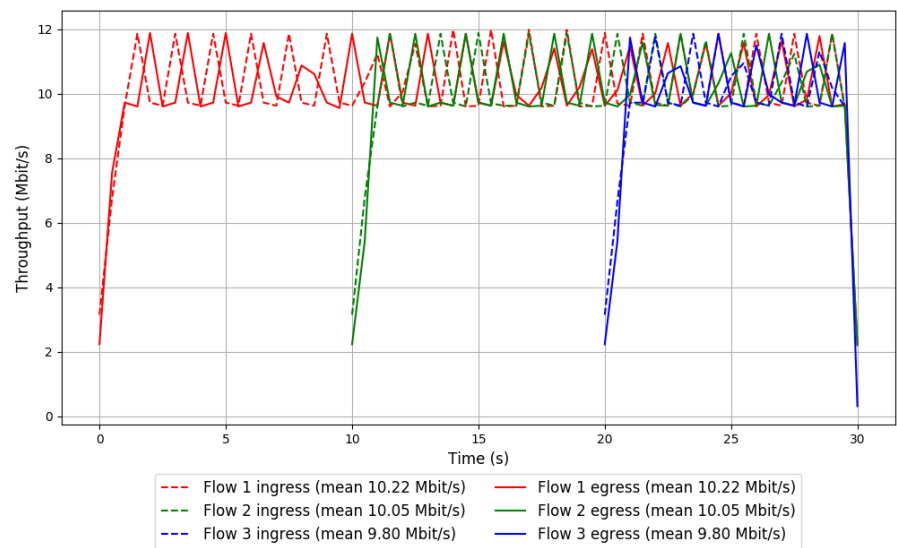
-- Flow 3:

Average throughput: 9.80 Mbit/s

95th percentile per-packet one-way delay: 63.509 ms

Loss rate: 0.00%

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Sun, 09 Jul 2017 22:02:34 +0000

End at: Sun, 09 Jul 2017 22:03:04 +0000

Local clock offset: 0.466 ms

Remote clock offset: -4.532 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:41:26 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 20.04 Mbit/s

95th percentile per-packet one-way delay: 63.858 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 10.07 Mbit/s

95th percentile per-packet one-way delay: 63.955 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 10.10 Mbit/s

95th percentile per-packet one-way delay: 63.233 ms

Loss rate: 0.00%

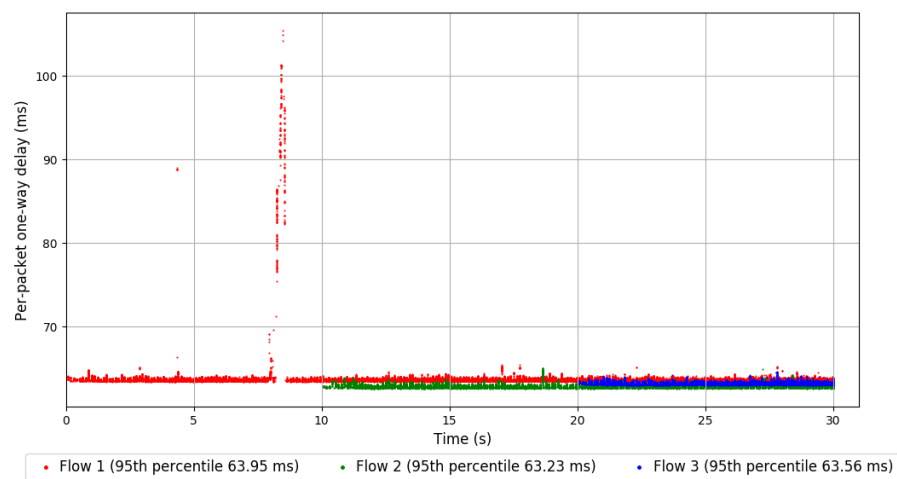
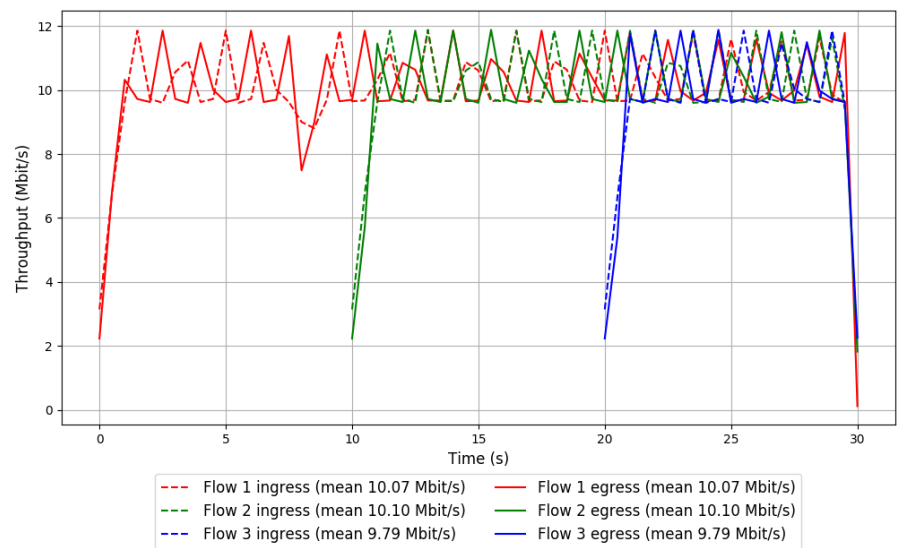
-- Flow 3:

Average throughput: 9.79 Mbit/s

95th percentile per-packet one-way delay: 63.560 ms

Loss rate: 0.00%

Run 7: Report of KohoCC — Data Link



Run 8: Statistics of KohoCC

Start at: Sun, 09 Jul 2017 22:20:58 +0000

End at: Sun, 09 Jul 2017 22:21:28 +0000

Local clock offset: 0.486 ms

Remote clock offset: -4.519 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:41:28 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 20.12 Mbit/s

95th percentile per-packet one-way delay: 64.106 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 10.19 Mbit/s

95th percentile per-packet one-way delay: 62.747 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 10.01 Mbit/s

95th percentile per-packet one-way delay: 64.366 ms

Loss rate: 0.00%

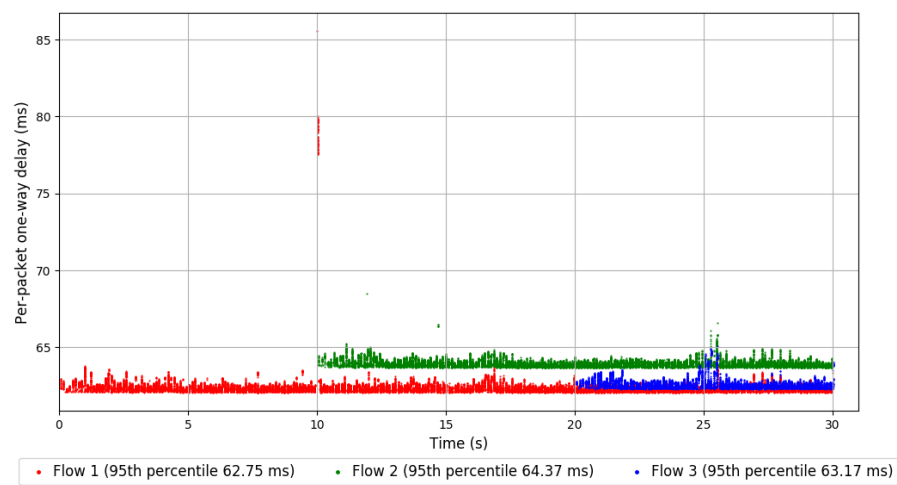
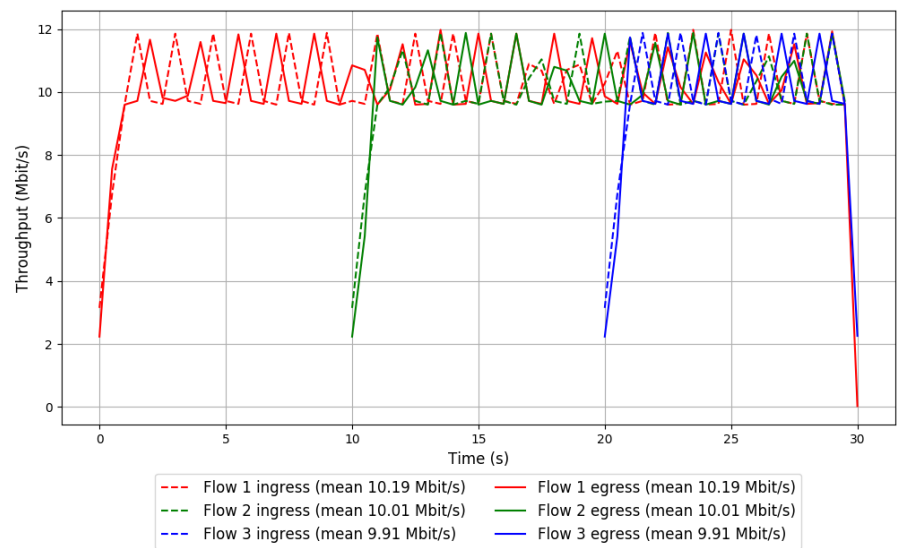
-- Flow 3:

Average throughput: 9.91 Mbit/s

95th percentile per-packet one-way delay: 63.166 ms

Loss rate: 0.00%

Run 8: Report of KohoCC — Data Link



Run 9: Statistics of KohoCC

Start at: Sun, 09 Jul 2017 22:39:40 +0000

End at: Sun, 09 Jul 2017 22:40:10 +0000

Local clock offset: 0.517 ms

Remote clock offset: -4.7 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:41:30 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 19.90 Mbit/s

95th percentile per-packet one-way delay: 70.085 ms

Loss rate: 0.12%

-- Flow 1:

Average throughput: 10.11 Mbit/s

95th percentile per-packet one-way delay: 65.396 ms

Loss rate: 0.11%

-- Flow 2:

Average throughput: 9.95 Mbit/s

95th percentile per-packet one-way delay: 70.972 ms

Loss rate: 0.19%

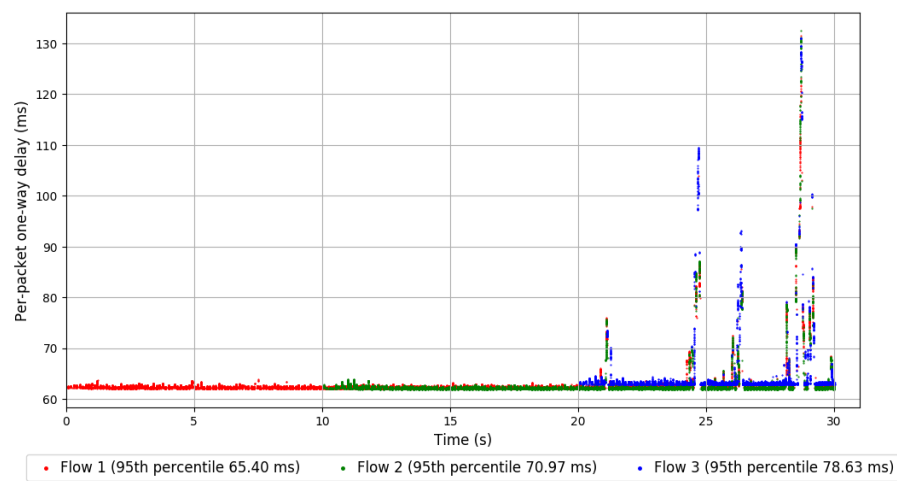
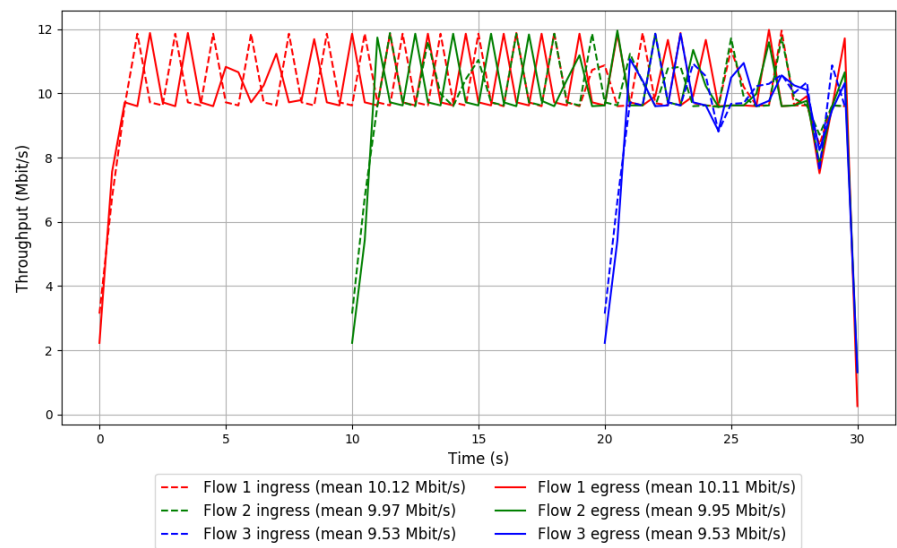
-- Flow 3:

Average throughput: 9.53 Mbit/s

95th percentile per-packet one-way delay: 78.632 ms

Loss rate: 0.04%

Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: Sun, 09 Jul 2017 22:58:07 +0000

End at: Sun, 09 Jul 2017 22:58:37 +0000

Local clock offset: 0.501 ms

Remote clock offset: -4.444 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:41:32 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 20.09 Mbit/s

95th percentile per-packet one-way delay: 63.403 ms

Loss rate: 0.09%

-- Flow 1:

Average throughput: 10.11 Mbit/s

95th percentile per-packet one-way delay: 63.545 ms

Loss rate: 0.18%

-- Flow 2:

Average throughput: 10.11 Mbit/s

95th percentile per-packet one-way delay: 62.762 ms

Loss rate: 0.00%

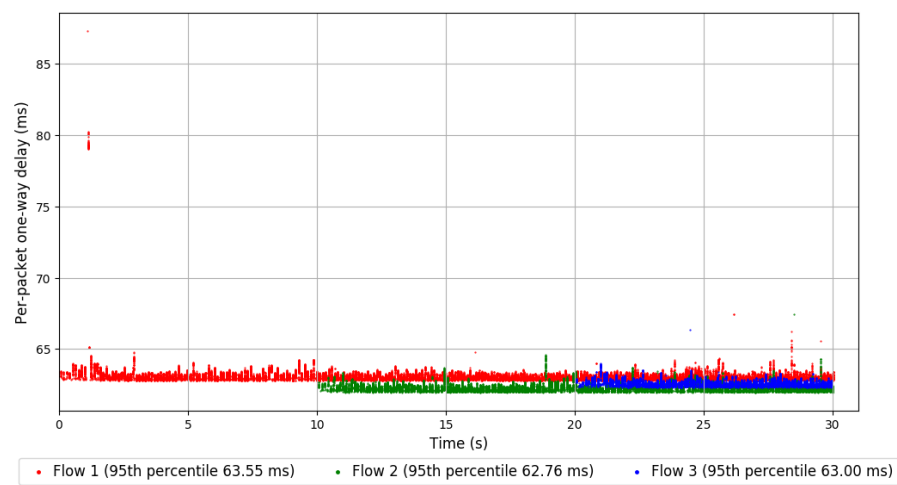
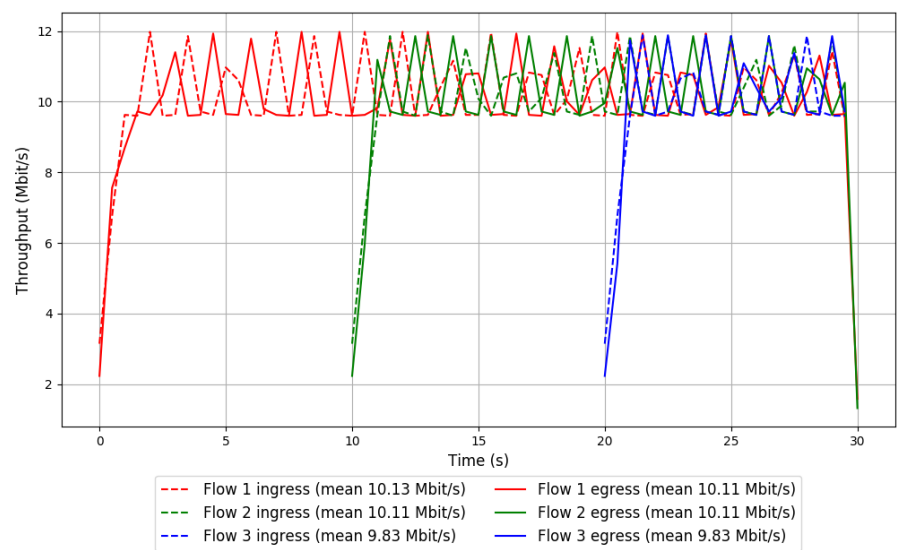
-- Flow 3:

Average throughput: 9.83 Mbit/s

95th percentile per-packet one-way delay: 62.999 ms

Loss rate: 0.00%

Run 10: Report of KohoCC — Data Link



Run 1: Statistics of LEDBAT

Start at: Sun, 09 Jul 2017 20:12:51 +0000

End at: Sun, 09 Jul 2017 20:13:21 +0000

Local clock offset: 0.258 ms

Remote clock offset: -4.202 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:41:37 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 38.85 Mbit/s

95th percentile per-packet one-way delay: 97.552 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 25.43 Mbit/s

95th percentile per-packet one-way delay: 94.676 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 16.45 Mbit/s

95th percentile per-packet one-way delay: 98.212 ms

Loss rate: 0.00%

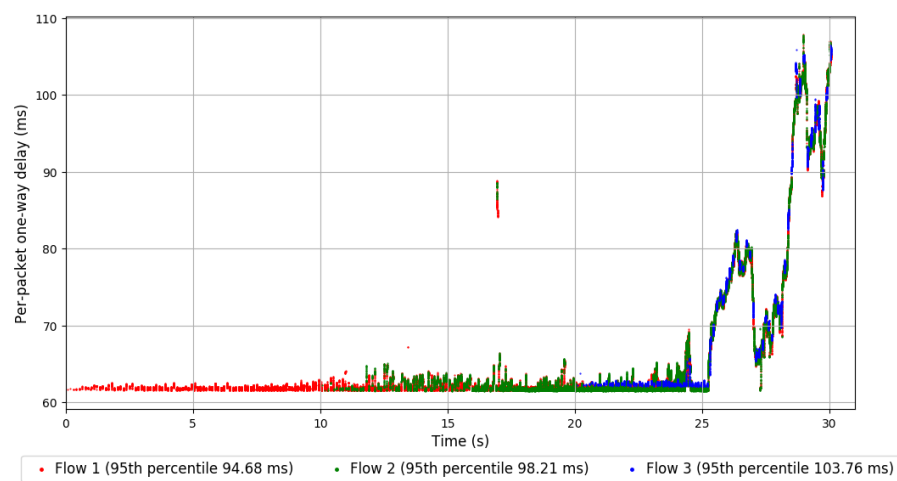
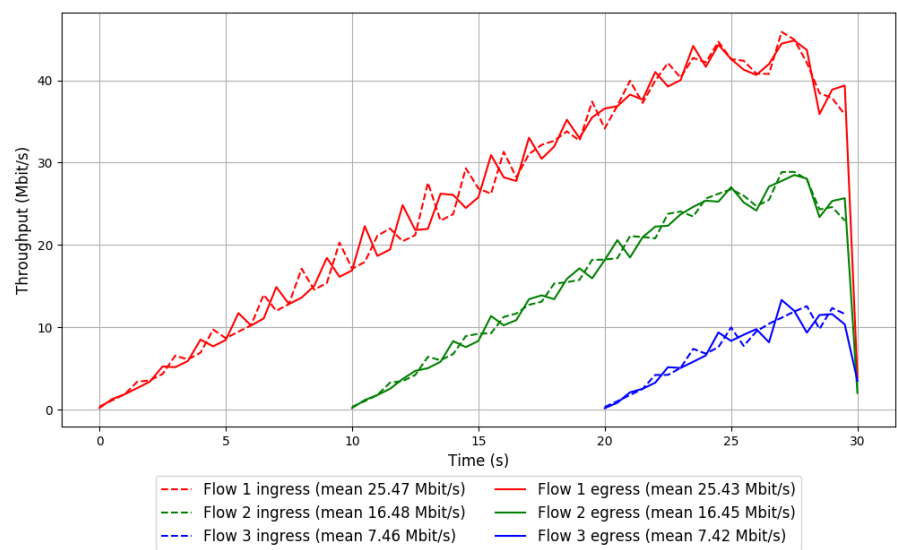
-- Flow 3:

Average throughput: 7.42 Mbit/s

95th percentile per-packet one-way delay: 103.761 ms

Loss rate: 0.00%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: Sun, 09 Jul 2017 20:31:38 +0000

End at: Sun, 09 Jul 2017 20:32:08 +0000

Local clock offset: 0.311 ms

Remote clock offset: -4.167 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:41:37 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 30.38 Mbit/s

95th percentile per-packet one-way delay: 73.925 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 16.07 Mbit/s

95th percentile per-packet one-way delay: 73.749 ms

Loss rate: 0.02%

-- Flow 2:

Average throughput: 17.24 Mbit/s

95th percentile per-packet one-way delay: 73.322 ms

Loss rate: 0.00%

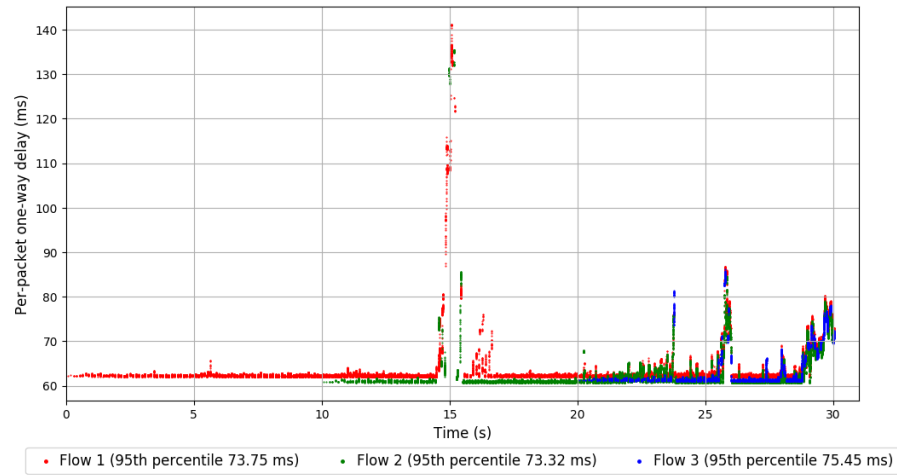
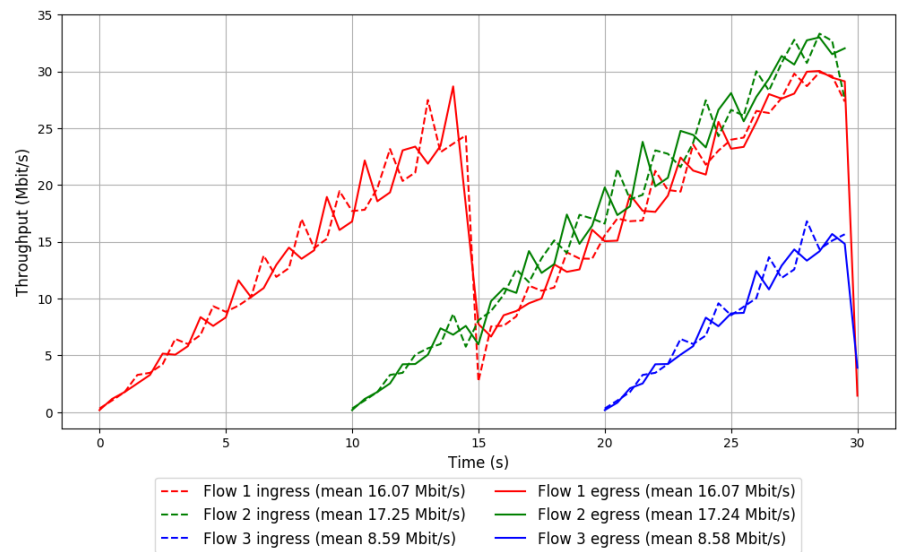
-- Flow 3:

Average throughput: 8.58 Mbit/s

95th percentile per-packet one-way delay: 75.451 ms

Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: Sun, 09 Jul 2017 20:50:13 +0000

End at: Sun, 09 Jul 2017 20:50:43 +0000

Local clock offset: 0.232 ms

Remote clock offset: -3.833 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:41:42 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 37.42 Mbit/s

95th percentile per-packet one-way delay: 95.565 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 24.67 Mbit/s

95th percentile per-packet one-way delay: 93.461 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 15.87 Mbit/s

95th percentile per-packet one-way delay: 96.109 ms

Loss rate: 0.00%

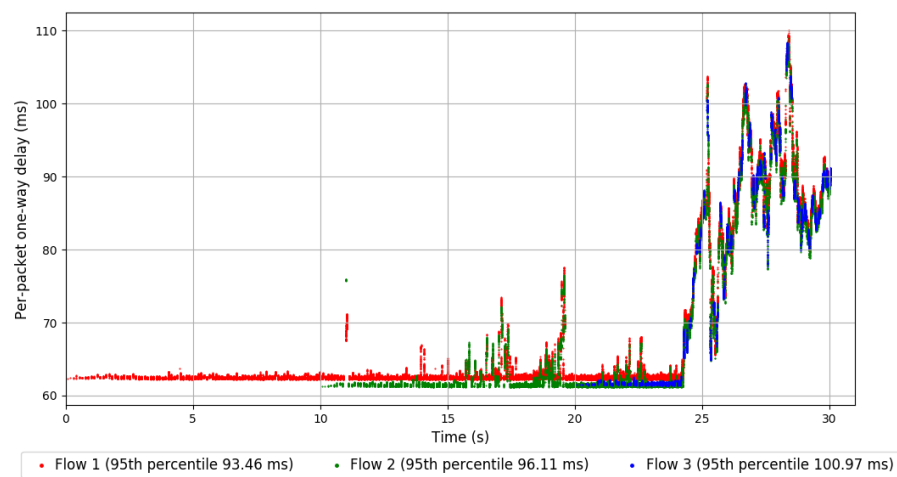
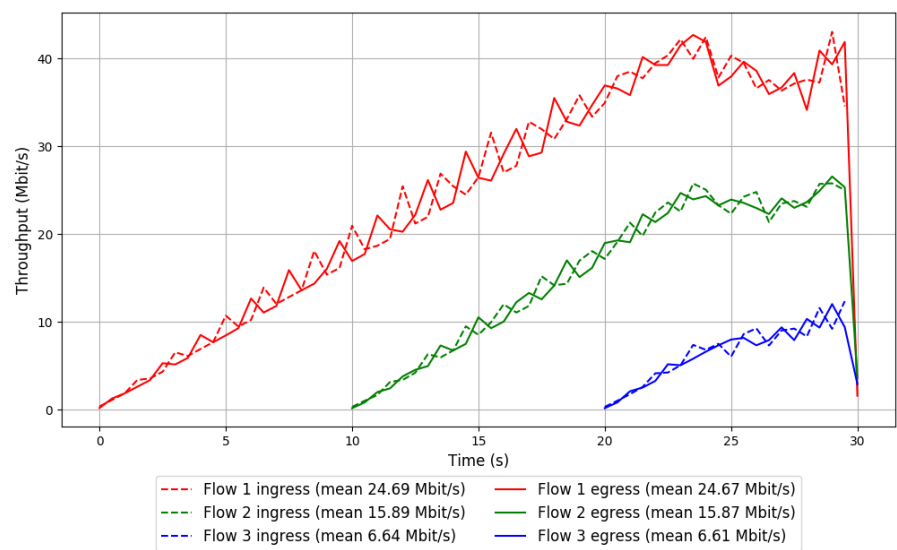
-- Flow 3:

Average throughput: 6.61 Mbit/s

95th percentile per-packet one-way delay: 100.974 ms

Loss rate: 0.12%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: Sun, 09 Jul 2017 21:09:04 +0000

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

Local clock offset: 0.275 ms

Remote clock offset: -4.047 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:41:43 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 35.04 Mbit/s

95th percentile per-packet one-way delay: 94.163 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 21.31 Mbit/s

95th percentile per-packet one-way delay: 91.827 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 16.78 Mbit/s

95th percentile per-packet one-way delay: 95.289 ms

Loss rate: 0.00%

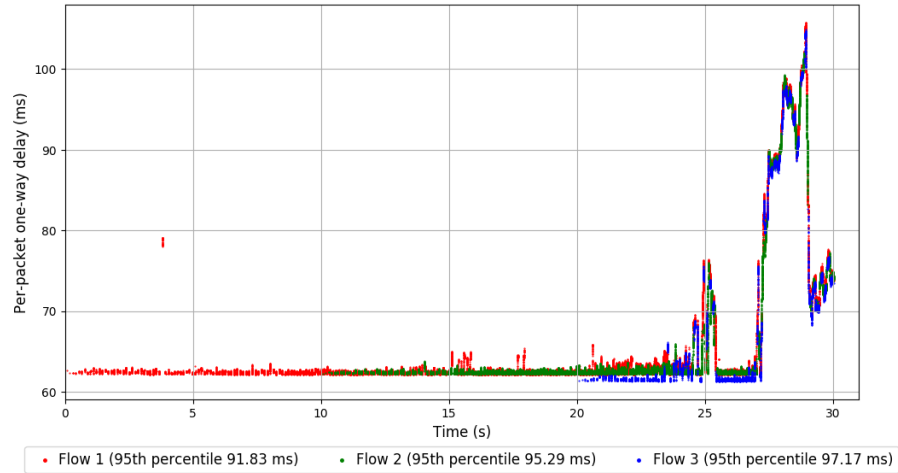
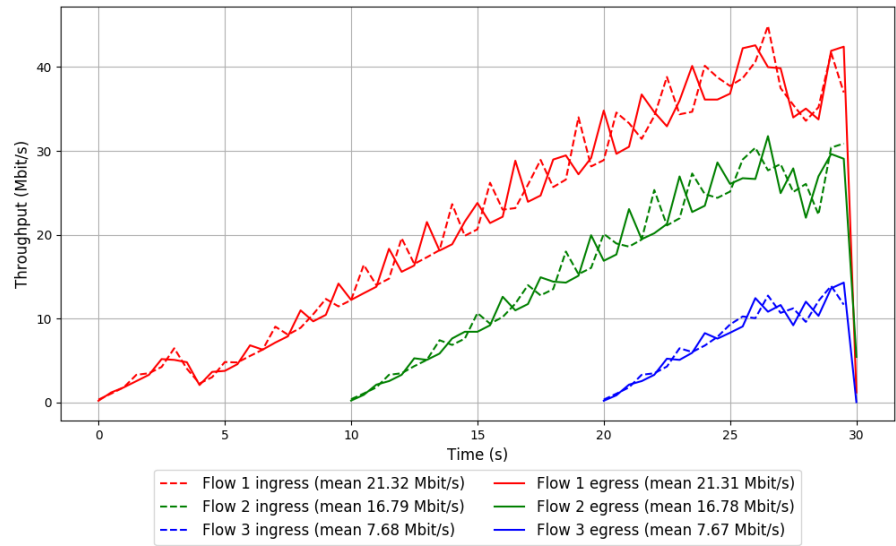
-- Flow 3:

Average throughput: 7.67 Mbit/s

95th percentile per-packet one-way delay: 97.167 ms

Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: Sun, 09 Jul 2017 21:27:40 +0000

End at: Sun, 09 Jul 2017 21:28:10 +0000

Local clock offset: 0.244 ms

Remote clock offset: -4.383 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:41:48 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 37.08 Mbit/s

95th percentile per-packet one-way delay: 73.230 ms

Loss rate: 0.05%

-- Flow 1:

Average throughput: 24.66 Mbit/s

95th percentile per-packet one-way delay: 72.832 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 15.20 Mbit/s

95th percentile per-packet one-way delay: 73.201 ms

Loss rate: 0.08%

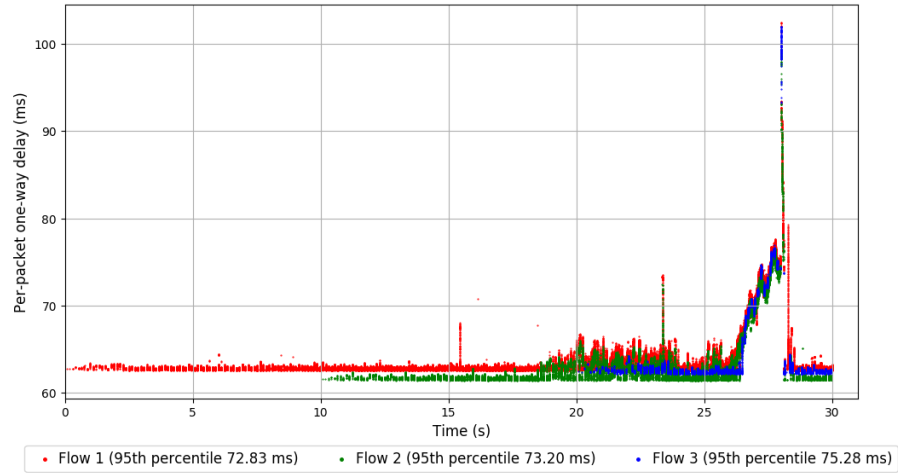
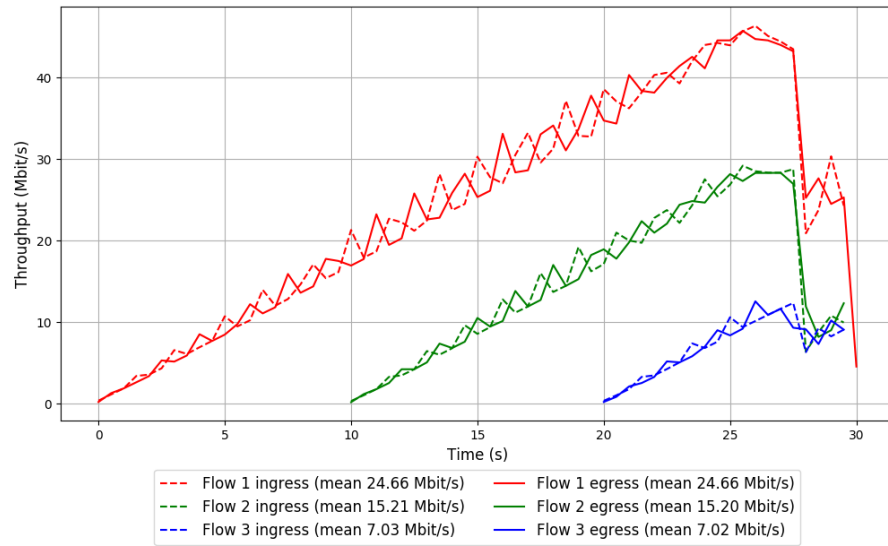
-- Flow 3:

Average throughput: 7.02 Mbit/s

95th percentile per-packet one-way delay: 75.285 ms

Loss rate: 0.17%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: Sun, 09 Jul 2017 21:46:18 +0000

End at: Sun, 09 Jul 2017 21:46:48 +0000

Local clock offset: 0.398 ms

Remote clock offset: -4.325 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:41:49 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 30.89 Mbit/s

95th percentile per-packet one-way delay: 63.974 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 16.11 Mbit/s

95th percentile per-packet one-way delay: 63.762 ms

Loss rate: 0.07%

-- Flow 2:

Average throughput: 17.94 Mbit/s

95th percentile per-packet one-way delay: 63.613 ms

Loss rate: 0.00%

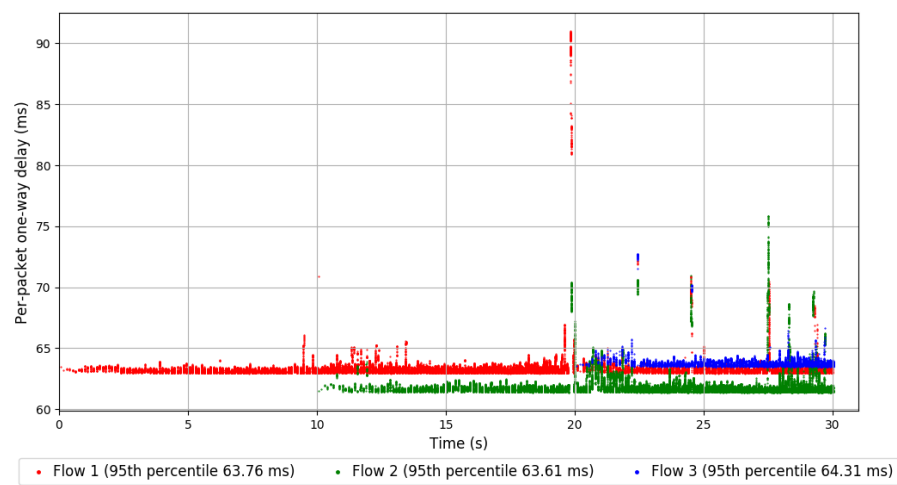
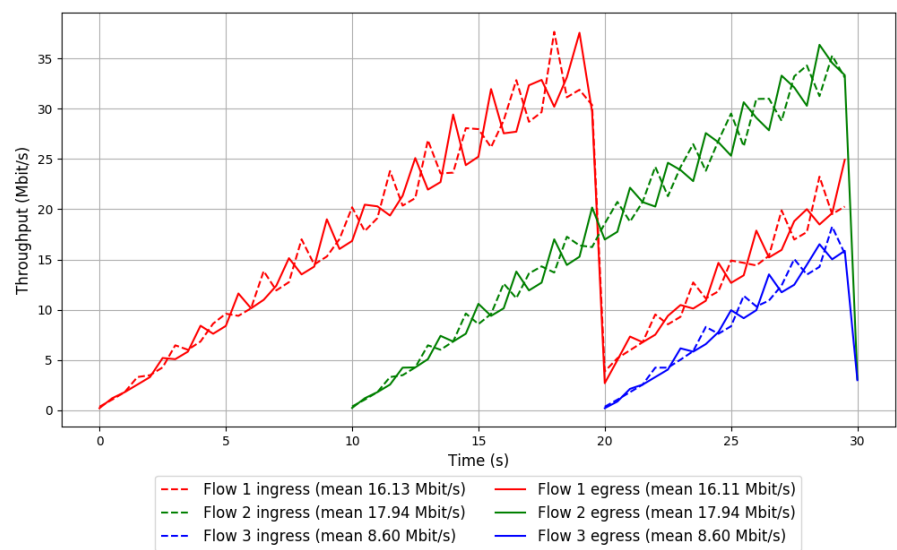
-- Flow 3:

Average throughput: 8.60 Mbit/s

95th percentile per-packet one-way delay: 64.313 ms

Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: Sun, 09 Jul 2017 22:04:53 +0000

End at: Sun, 09 Jul 2017 22:05:23 +0000

Local clock offset: 0.452 ms

Remote clock offset: -4.737 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:41:52 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 27.34 Mbit/s

95th percentile per-packet one-way delay: 66.585 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 16.03 Mbit/s

95th percentile per-packet one-way delay: 67.303 ms

Loss rate: 0.06%

-- Flow 2:

Average throughput: 12.64 Mbit/s

95th percentile per-packet one-way delay: 64.385 ms

Loss rate: 0.02%

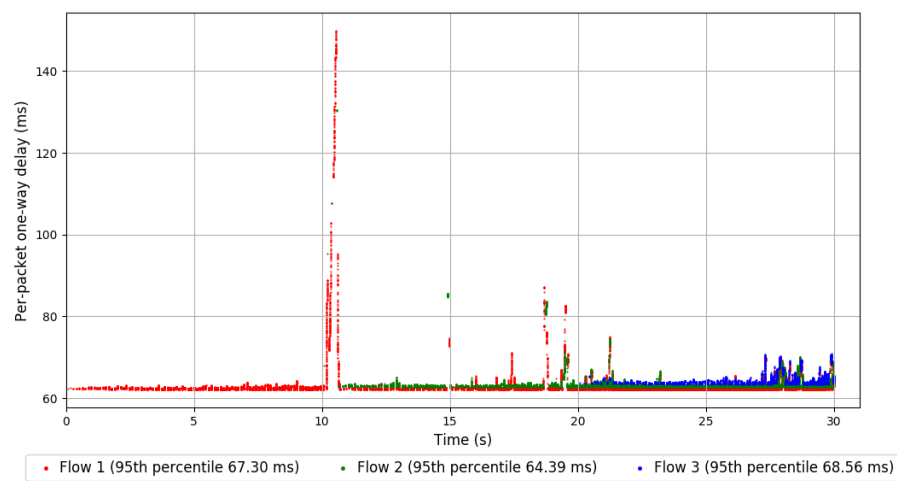
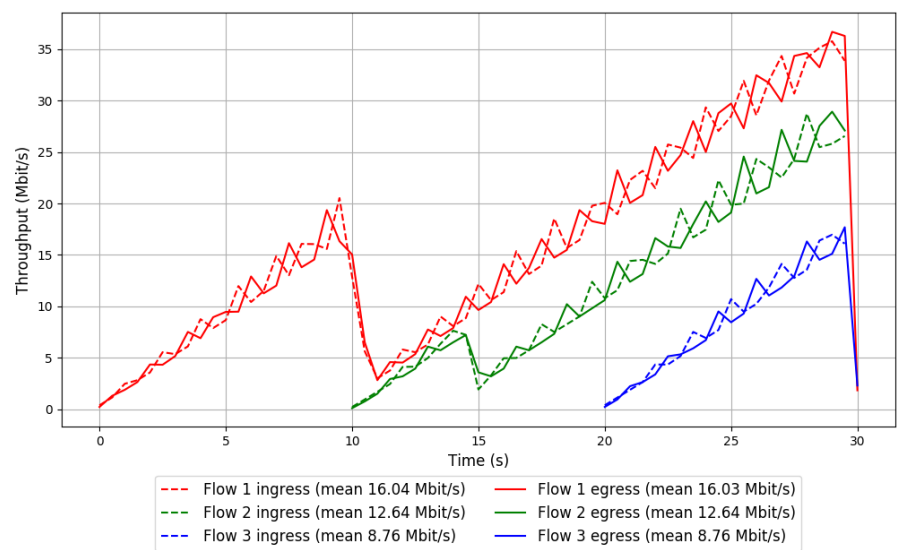
-- Flow 3:

Average throughput: 8.76 Mbit/s

95th percentile per-packet one-way delay: 68.564 ms

Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: Sun, 09 Jul 2017 22:23:18 +0000

End at: Sun, 09 Jul 2017 22:23:48 +0000

Local clock offset: 0.49 ms

Remote clock offset: -4.655 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:41:55 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 40.17 Mbit/s

95th percentile per-packet one-way delay: 82.780 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 26.11 Mbit/s

95th percentile per-packet one-way delay: 81.666 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 17.17 Mbit/s

95th percentile per-packet one-way delay: 83.168 ms

Loss rate: 0.00%

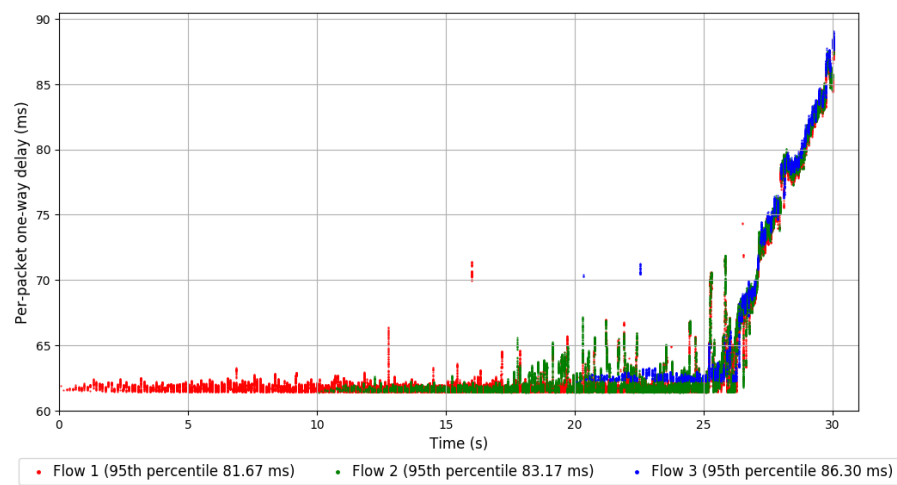
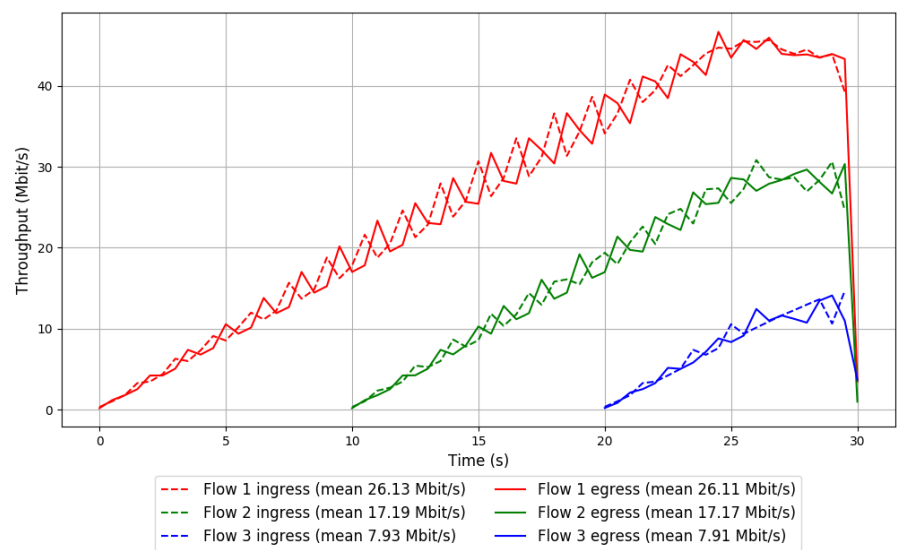
-- Flow 3:

Average throughput: 7.91 Mbit/s

95th percentile per-packet one-way delay: 86.300 ms

Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: Sun, 09 Jul 2017 22:41:59 +0000

End at: Sun, 09 Jul 2017 22:42:29 +0000

Local clock offset: 0.488 ms

Remote clock offset: -4.473 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:42:00 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 39.30 Mbit/s

95th percentile per-packet one-way delay: 85.545 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 25.48 Mbit/s

95th percentile per-packet one-way delay: 83.236 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 16.91 Mbit/s

95th percentile per-packet one-way delay: 85.608 ms

Loss rate: 0.00%

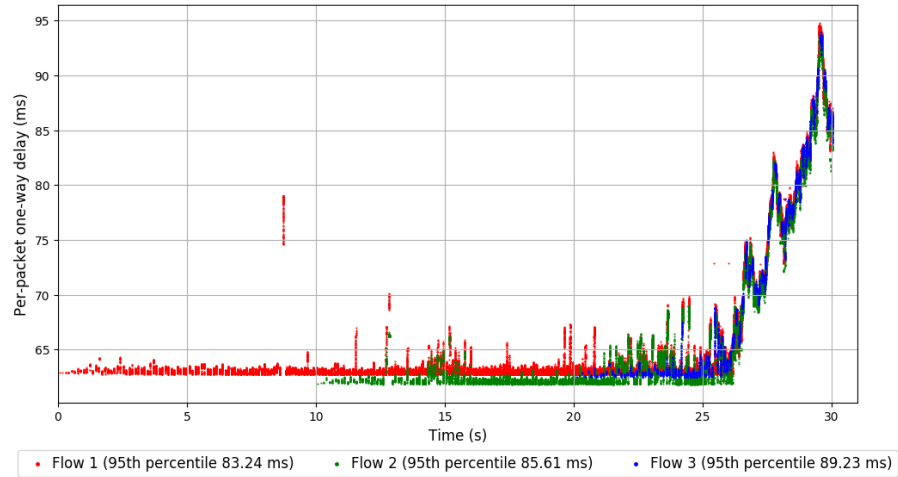
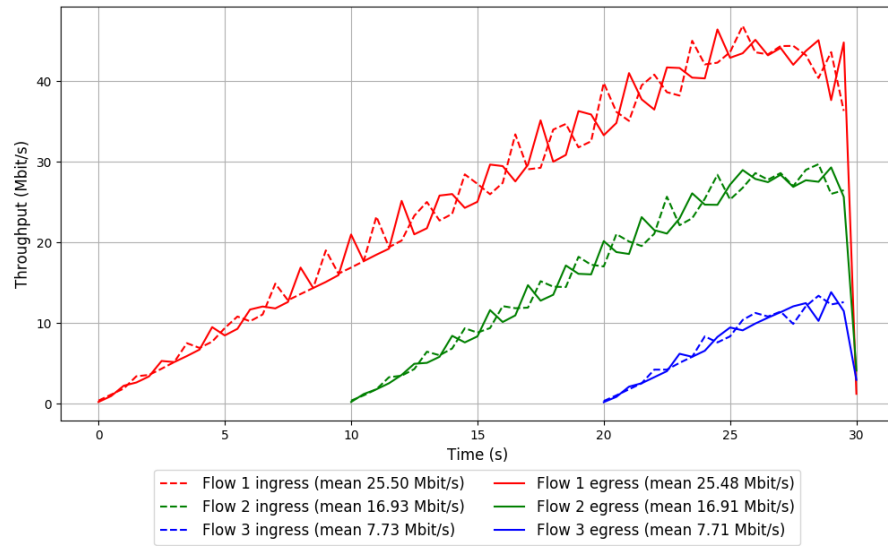
-- Flow 3:

Average throughput: 7.71 Mbit/s

95th percentile per-packet one-way delay: 89.232 ms

Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: Sun, 09 Jul 2017 23:00:27 +0000

End at: Sun, 09 Jul 2017 23:00:57 +0000

Local clock offset: 0.503 ms

Remote clock offset: -4.485 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:42:01 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 39.29 Mbit/s

95th percentile per-packet one-way delay: 82.474 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 25.68 Mbit/s

95th percentile per-packet one-way delay: 81.134 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 16.73 Mbit/s

95th percentile per-packet one-way delay: 84.924 ms

Loss rate: 0.00%

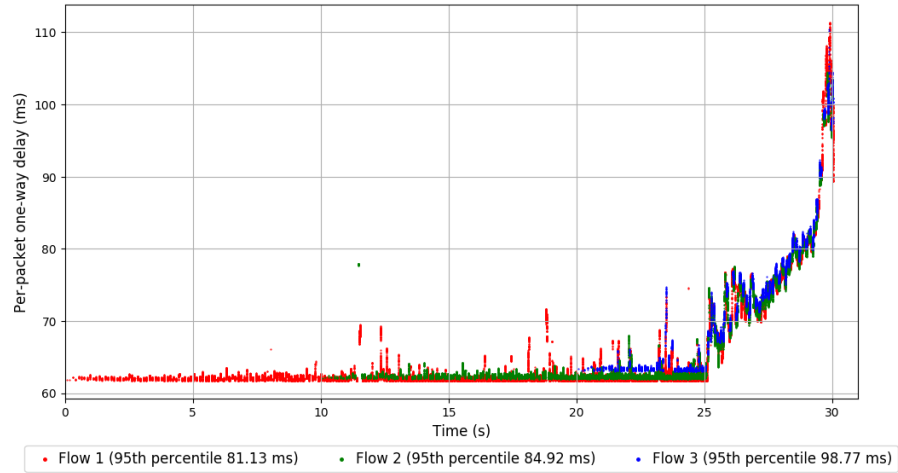
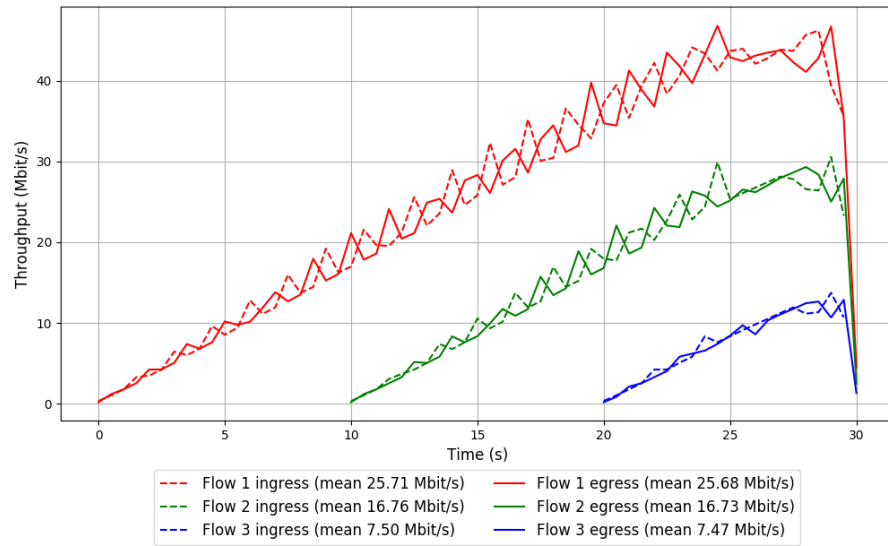
-- Flow 3:

Average throughput: 7.47 Mbit/s

95th percentile per-packet one-way delay: 98.773 ms

Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

Start at: Sun, 09 Jul 2017 20:01:56 +0000

End at: Sun, 09 Jul 2017 20:02:26 +0000

Local clock offset: 0.351 ms

Remote clock offset: -4.021 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:42:11 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 80.40 Mbit/s

95th percentile per-packet one-way delay: 881.976 ms

Loss rate: 0.29%

-- Flow 1:

Average throughput: 62.77 Mbit/s

95th percentile per-packet one-way delay: 873.554 ms

Loss rate: 0.19%

-- Flow 2:

Average throughput: 14.35 Mbit/s

95th percentile per-packet one-way delay: 884.889 ms

Loss rate: 0.25%

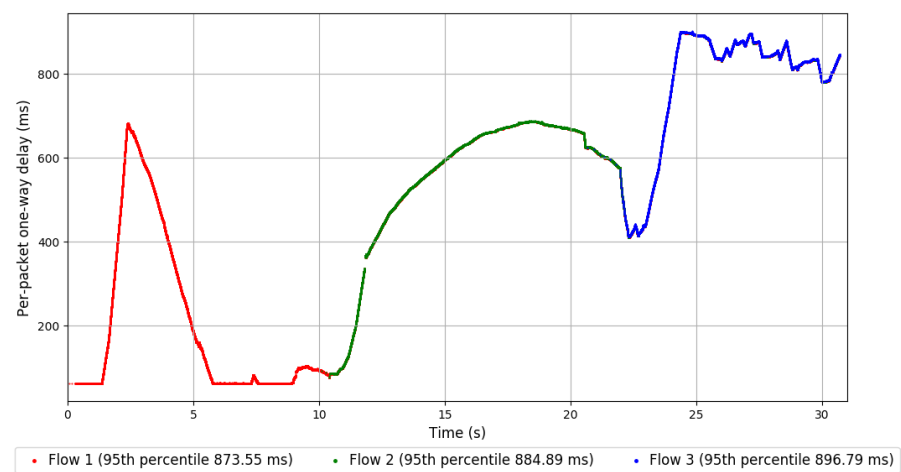
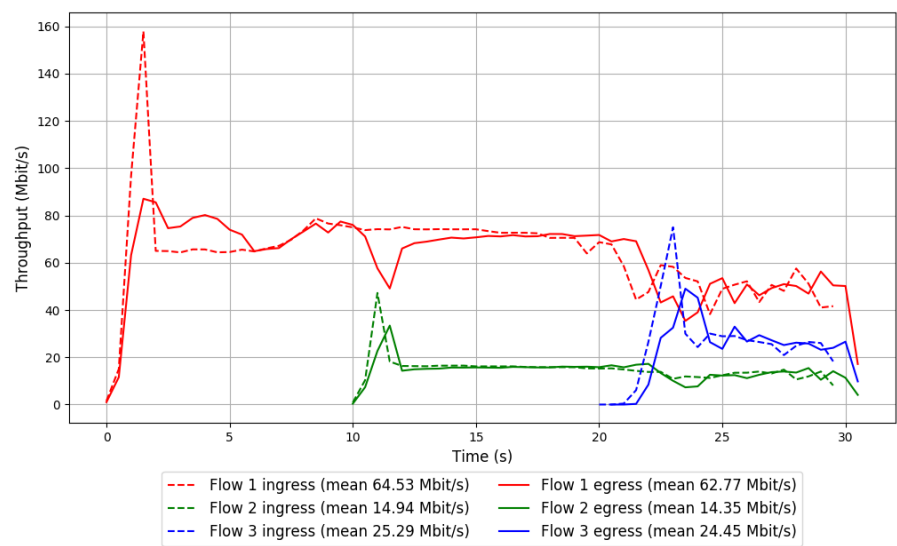
-- Flow 3:

Average throughput: 24.45 Mbit/s

95th percentile per-packet one-way delay: 896.789 ms

Loss rate: 1.15%

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: Sun, 09 Jul 2017 20:25:30 +0000

End at: Sun, 09 Jul 2017 20:26:00 +0000

Local clock offset: 0.222 ms

Remote clock offset: -4.442 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:42:12 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 73.58 Mbit/s

95th percentile per-packet one-way delay: 464.143 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 59.41 Mbit/s

95th percentile per-packet one-way delay: 507.342 ms

Loss rate: 0.02%

-- Flow 2:

Average throughput: 8.84 Mbit/s

95th percentile per-packet one-way delay: 392.672 ms

Loss rate: 0.00%

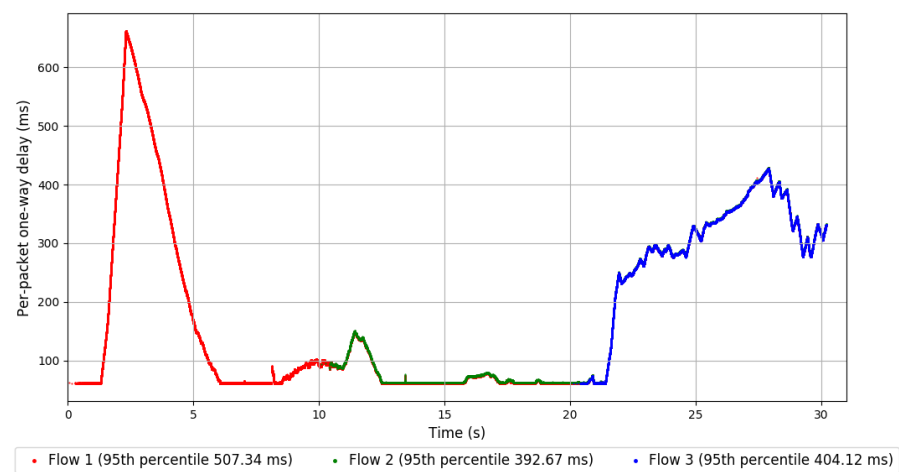
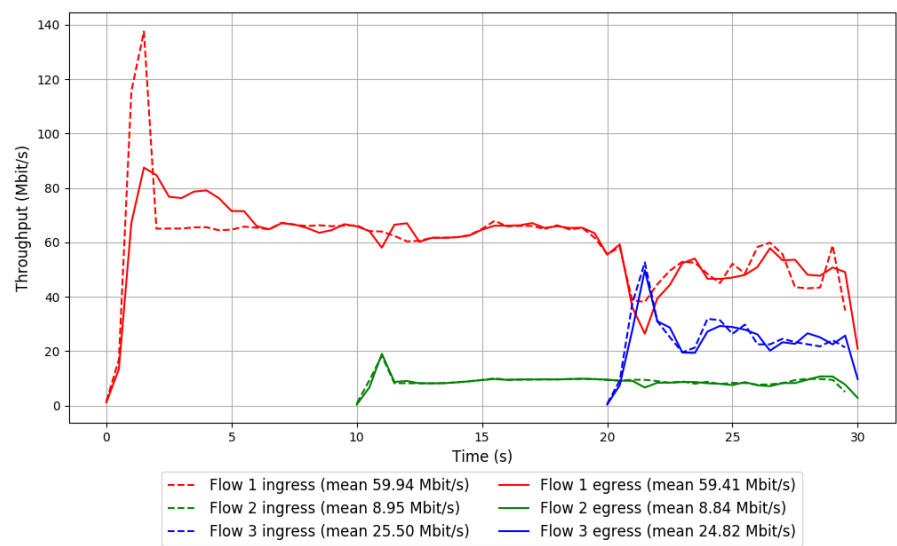
-- Flow 3:

Average throughput: 24.82 Mbit/s

95th percentile per-packet one-way delay: 404.124 ms

Loss rate: 0.00%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: Sun, 09 Jul 2017 20:44:11 +0000

End at: Sun, 09 Jul 2017 20:44:41 +0000

Local clock offset: 0.253 ms

Remote clock offset: -3.895 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:42:20 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 69.75 Mbit/s

95th percentile per-packet one-way delay: 451.343 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 59.32 Mbit/s

95th percentile per-packet one-way delay: 482.304 ms

Loss rate: 0.02%

-- Flow 2:

Average throughput: 8.79 Mbit/s

95th percentile per-packet one-way delay: 279.018 ms

Loss rate: 0.02%

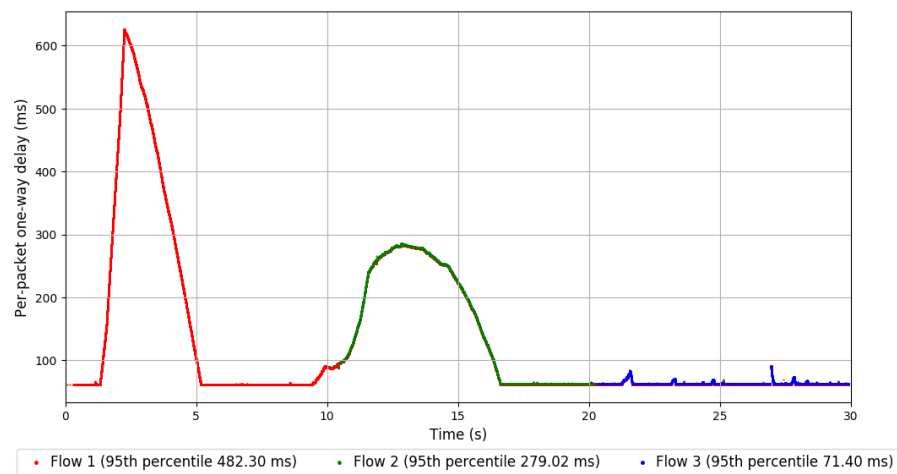
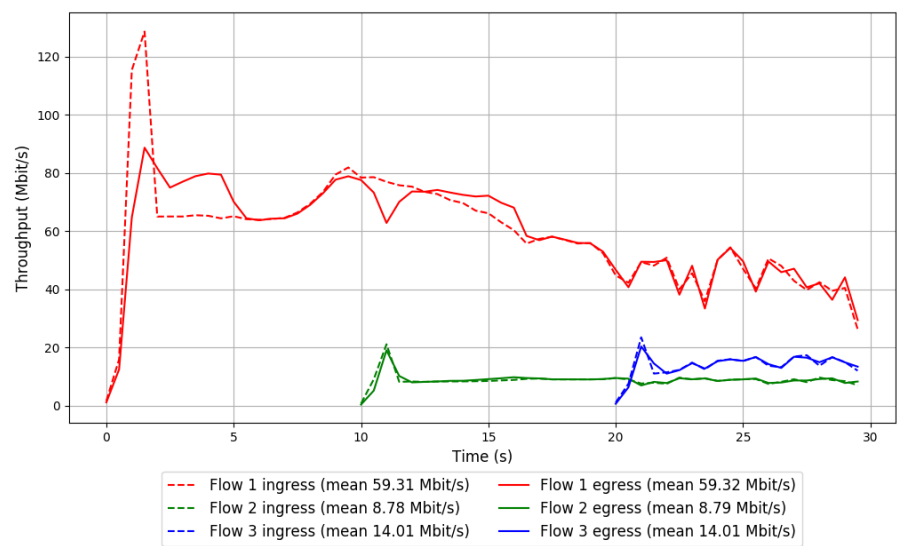
-- Flow 3:

Average throughput: 14.01 Mbit/s

95th percentile per-packet one-way delay: 71.396 ms

Loss rate: 0.03%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: Sun, 09 Jul 2017 21:02:54 +0000

End at: Sun, 09 Jul 2017 21:03:24 +0000

Local clock offset: 0.266 ms

Remote clock offset: -3.982 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:42:24 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 84.31 Mbit/s

95th percentile per-packet one-way delay: 913.207 ms

Loss rate: 9.83%

-- Flow 1:

Average throughput: 63.96 Mbit/s

95th percentile per-packet one-way delay: 913.012 ms

Loss rate: 3.96%

-- Flow 2:

Average throughput: 13.93 Mbit/s

95th percentile per-packet one-way delay: 912.660 ms

Loss rate: 8.59%

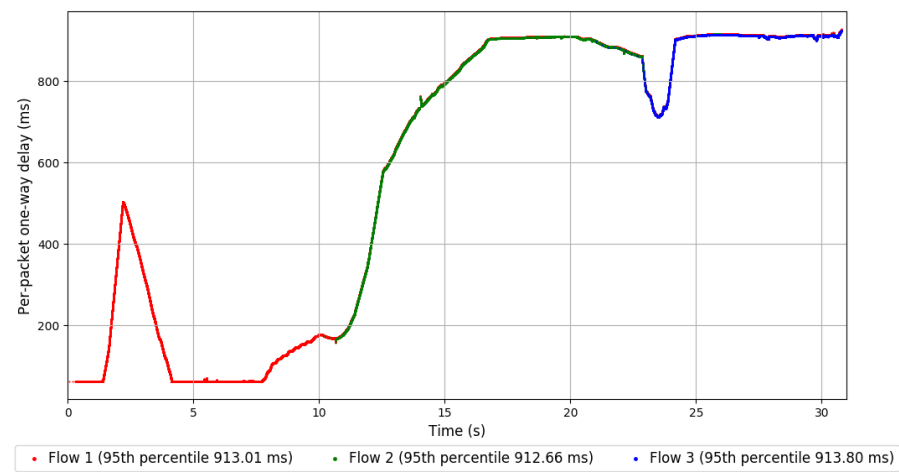
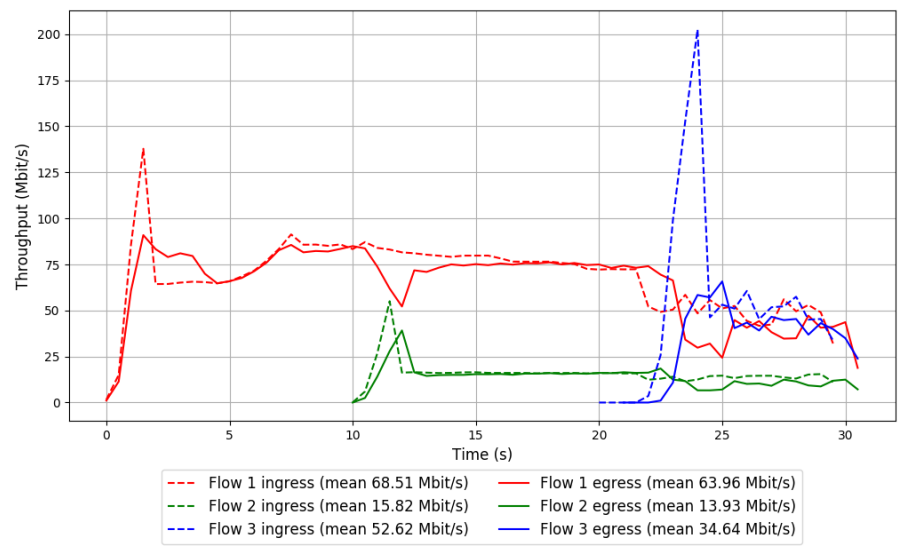
-- Flow 3:

Average throughput: 34.64 Mbit/s

95th percentile per-packet one-way delay: 913.801 ms

Loss rate: 33.99%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: Sun, 09 Jul 2017 21:21:39 +0000

End at: Sun, 09 Jul 2017 21:22:09 +0000

Local clock offset: 0.339 ms

Remote clock offset: -4.549 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:42:31 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 73.79 Mbit/s

95th percentile per-packet one-way delay: 411.162 ms

Loss rate: 0.06%

-- Flow 1:

Average throughput: 63.40 Mbit/s

95th percentile per-packet one-way delay: 443.630 ms

Loss rate: 0.07%

-- Flow 2:

Average throughput: 9.04 Mbit/s

95th percentile per-packet one-way delay: 108.435 ms

Loss rate: 0.01%

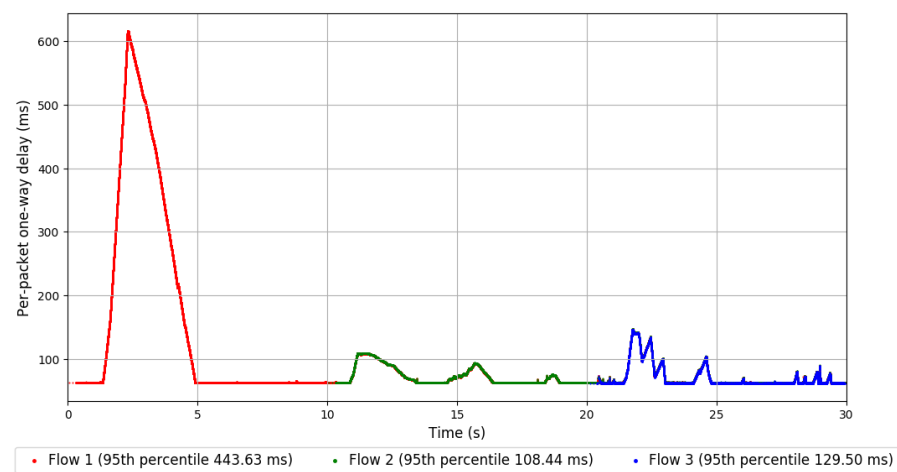
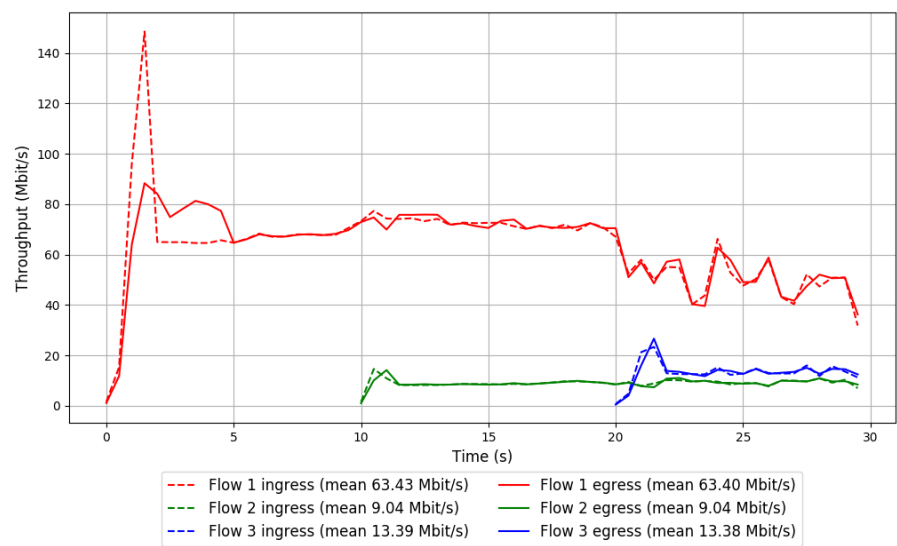
-- Flow 3:

Average throughput: 13.38 Mbit/s

95th percentile per-packet one-way delay: 129.500 ms

Loss rate: 0.04%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: Sun, 09 Jul 2017 21:40:16 +0000

End at: Sun, 09 Jul 2017 21:40:46 +0000

Local clock offset: 0.353 ms

Remote clock offset: -4.468 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:42:35 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 75.99 Mbit/s

95th percentile per-packet one-way delay: 529.970 ms

Loss rate: 0.33%

-- Flow 1:

Average throughput: 64.81 Mbit/s

95th percentile per-packet one-way delay: 526.224 ms

Loss rate: 0.34%

-- Flow 2:

Average throughput: 4.17 Mbit/s

95th percentile per-packet one-way delay: 530.475 ms

Loss rate: 0.12%

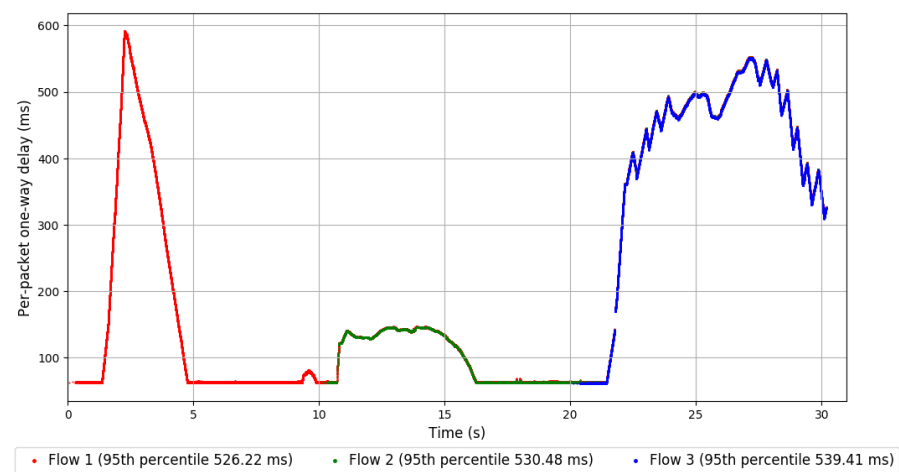
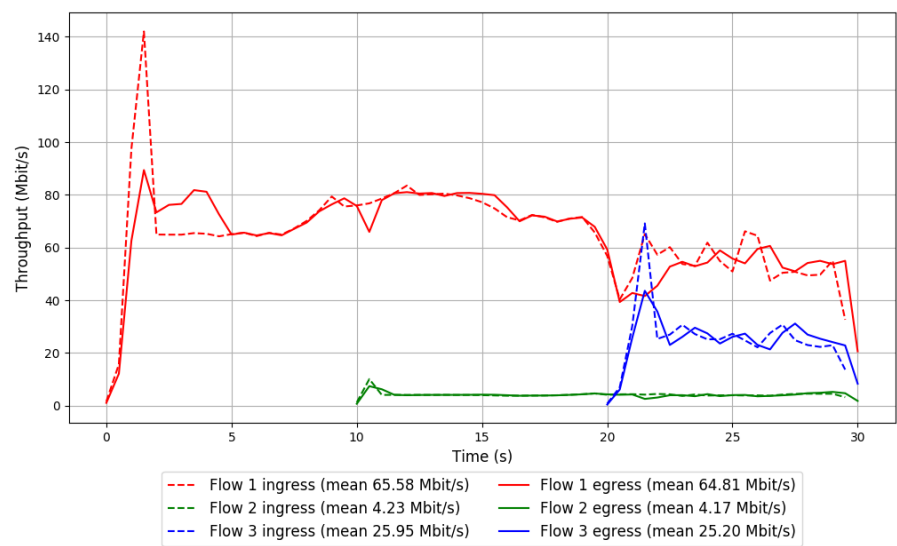
-- Flow 3:

Average throughput: 25.20 Mbit/s

95th percentile per-packet one-way delay: 539.414 ms

Loss rate: 0.26%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: Sun, 09 Jul 2017 21:58:50 +0000

End at: Sun, 09 Jul 2017 21:59:20 +0000

Local clock offset: 0.472 ms

Remote clock offset: -4.783 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:42:45 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 73.98 Mbit/s

95th percentile per-packet one-way delay: 370.226 ms

Loss rate: 0.33%

-- Flow 1:

Average throughput: 58.46 Mbit/s

95th percentile per-packet one-way delay: 417.530 ms

Loss rate: 0.42%

-- Flow 2:

Average throughput: 17.18 Mbit/s

95th percentile per-packet one-way delay: 137.056 ms

Loss rate: 0.02%

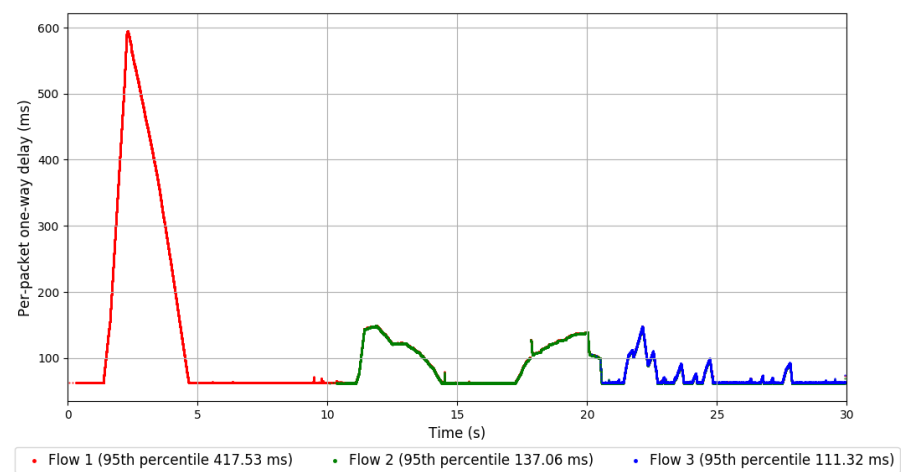
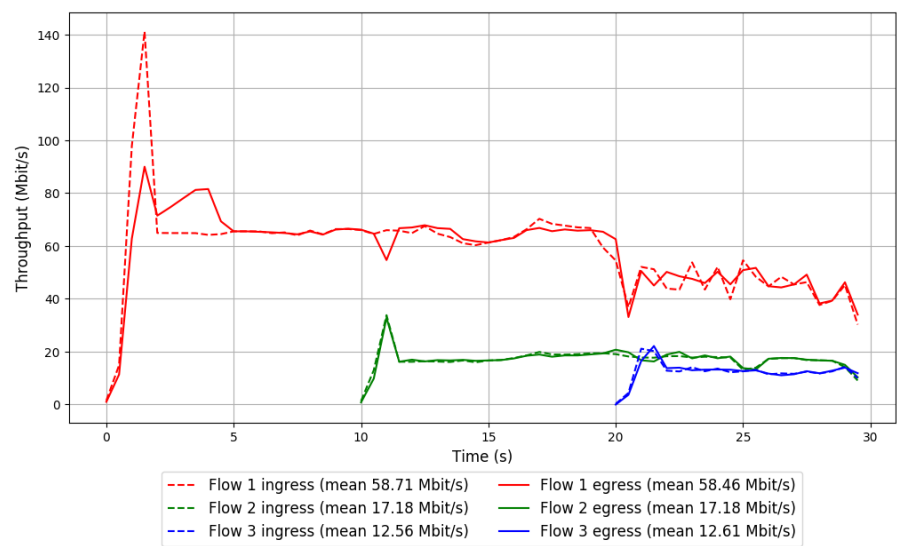
-- Flow 3:

Average throughput: 12.61 Mbit/s

95th percentile per-packet one-way delay: 111.323 ms

Loss rate: 0.00%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: Sun, 09 Jul 2017 22:17:16 +0000

End at: Sun, 09 Jul 2017 22:17:46 +0000

Local clock offset: 0.483 ms

Remote clock offset: -4.767 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:42:47 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 76.23 Mbit/s

95th percentile per-packet one-way delay: 290.977 ms

Loss rate: 0.33%

-- Flow 1:

Average throughput: 65.46 Mbit/s

95th percentile per-packet one-way delay: 329.226 ms

Loss rate: 0.37%

-- Flow 2:

Average throughput: 9.71 Mbit/s

95th percentile per-packet one-way delay: 224.274 ms

Loss rate: 0.05%

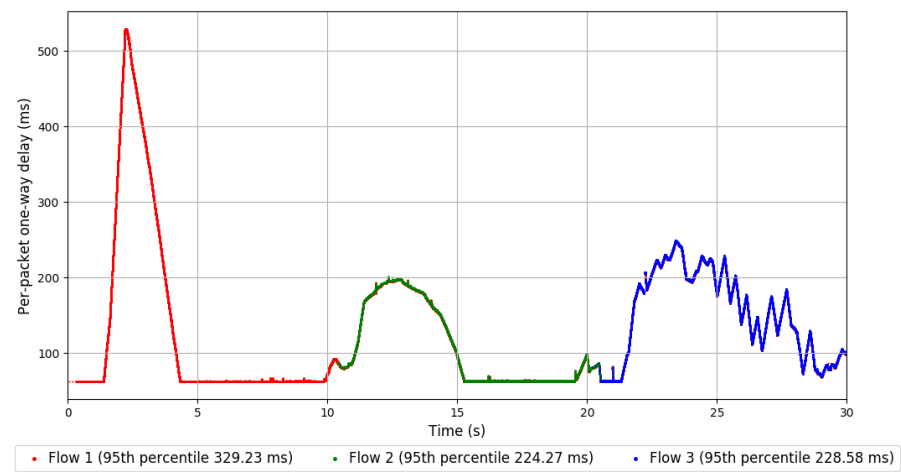
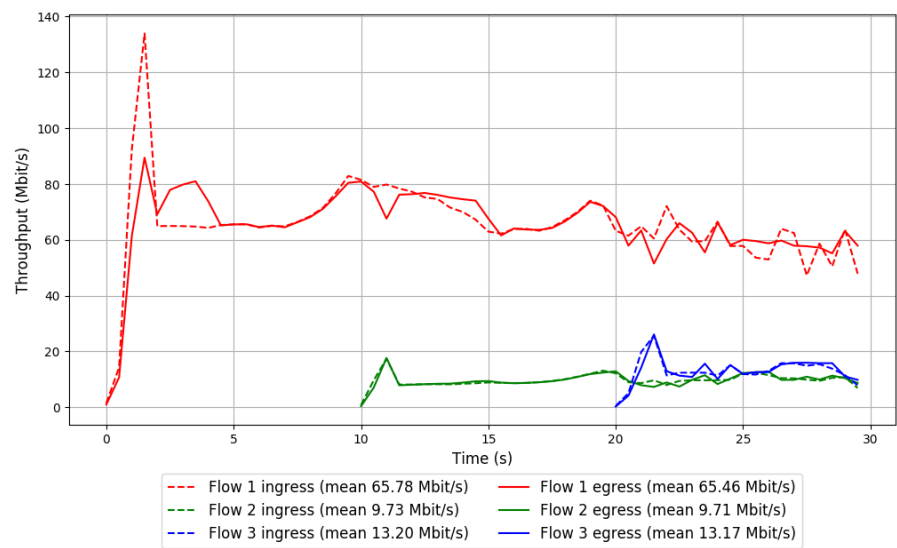
-- Flow 3:

Average throughput: 13.17 Mbit/s

95th percentile per-packet one-way delay: 228.583 ms

Loss rate: 0.07%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: Sun, 09 Jul 2017 22:35:49 +0000

End at: Sun, 09 Jul 2017 22:36:19 +0000

Local clock offset: 0.422 ms

Remote clock offset: -4.537 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:42:57 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 78.97 Mbit/s

95th percentile per-packet one-way delay: 901.549 ms

Loss rate: 1.81%

-- Flow 1:

Average throughput: 61.09 Mbit/s

95th percentile per-packet one-way delay: 893.190 ms

Loss rate: 1.24%

-- Flow 2:

Average throughput: 14.51 Mbit/s

95th percentile per-packet one-way delay: 900.715 ms

Loss rate: 1.17%

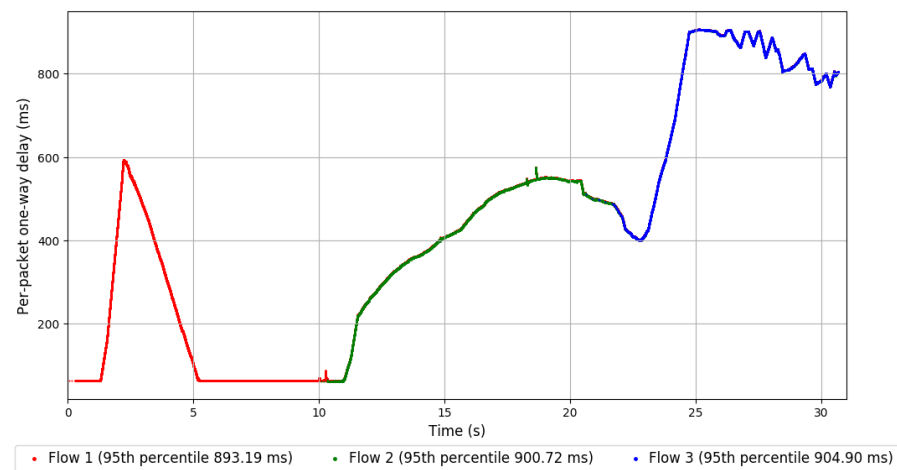
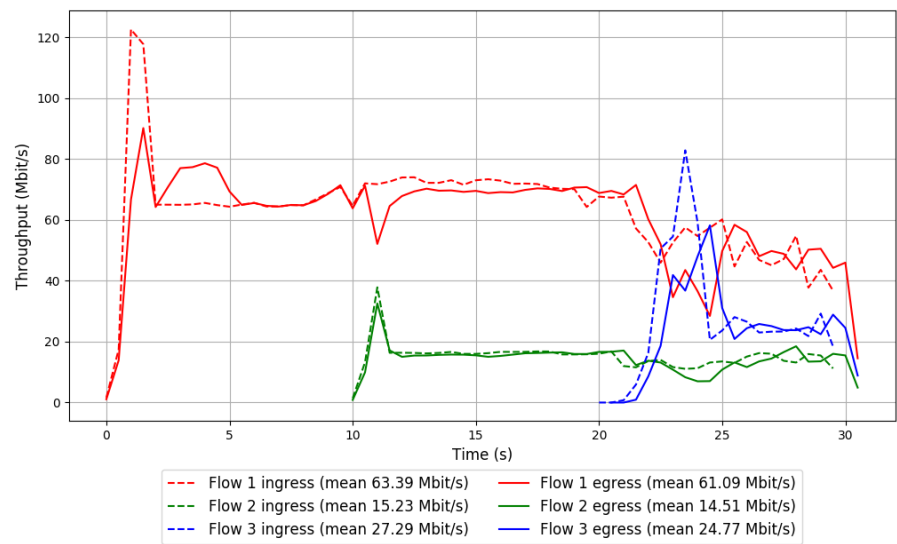
-- Flow 3:

Average throughput: 24.77 Mbit/s

95th percentile per-packet one-way delay: 904.899 ms

Loss rate: 6.60%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: Sun, 09 Jul 2017 22:54:26 +0000

End at: Sun, 09 Jul 2017 22:54:56 +0000

Local clock offset: 0.388 ms

Remote clock offset: -4.405 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:42:58 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 76.34 Mbit/s

95th percentile per-packet one-way delay: 333.235 ms

Loss rate: 0.34%

-- Flow 1:

Average throughput: 66.40 Mbit/s

95th percentile per-packet one-way delay: 367.538 ms

Loss rate: 0.38%

-- Flow 2:

Average throughput: 8.05 Mbit/s

95th percentile per-packet one-way delay: 275.757 ms

Loss rate: 0.06%

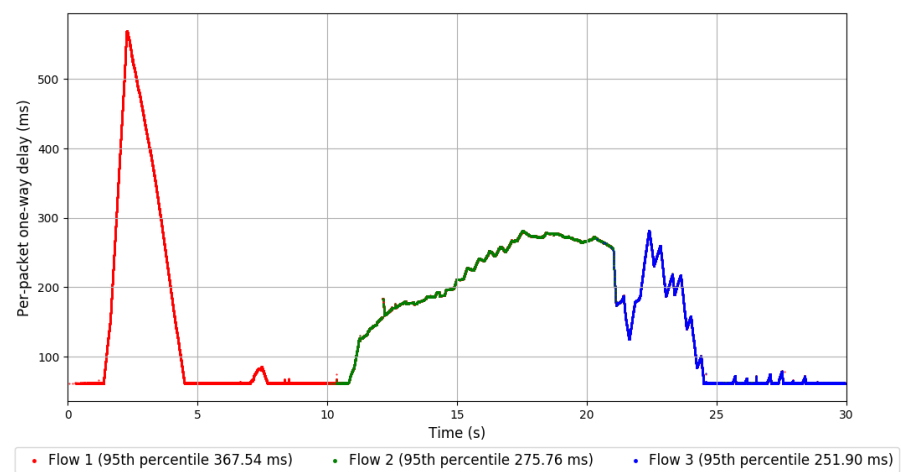
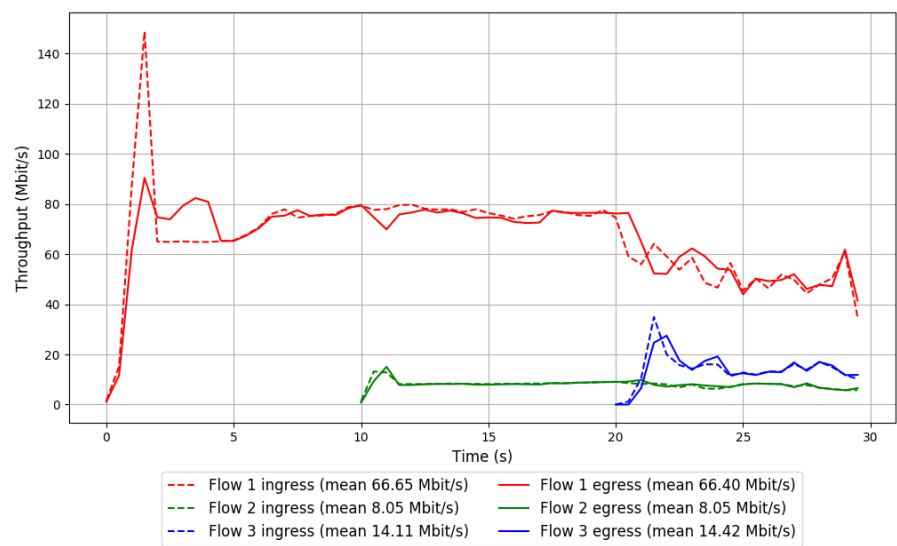
-- Flow 3:

Average throughput: 14.42 Mbit/s

95th percentile per-packet one-way delay: 251.898 ms

Loss rate: 0.01%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: Sun, 09 Jul 2017 20:20:25 +0000

End at: Sun, 09 Jul 2017 20:20:55 +0000

Local clock offset: 0.274 ms

Remote clock offset: -4.236 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:43:05 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 46.24 Mbit/s

95th percentile per-packet one-way delay: 160.984 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 52.81 Mbit/s

95th percentile per-packet one-way delay: 157.190 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 44.86 Mbit/s

95th percentile per-packet one-way delay: 174.678 ms

Loss rate: 0.11%

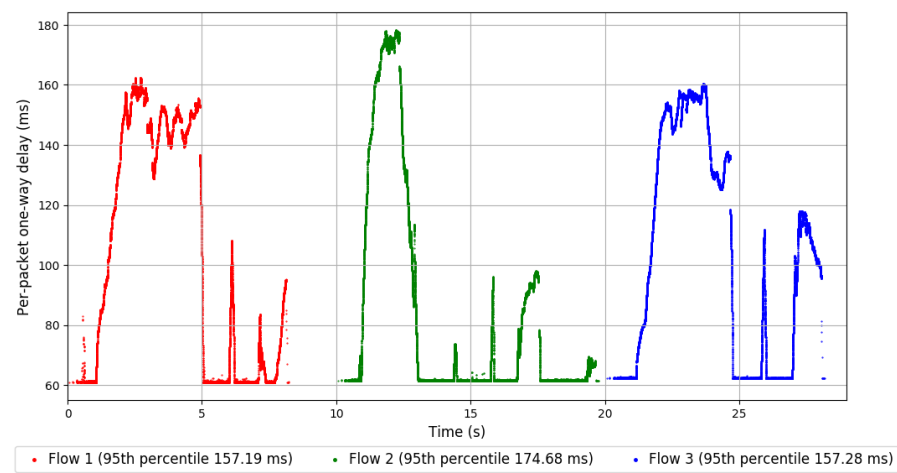
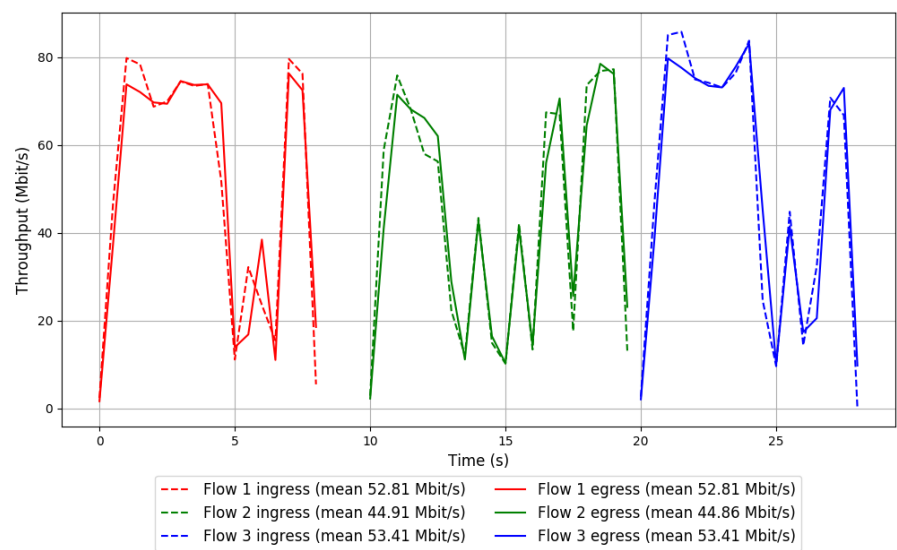
-- Flow 3:

Average throughput: 53.41 Mbit/s

95th percentile per-packet one-way delay: 157.276 ms

Loss rate: 0.00%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: Sun, 09 Jul 2017 20:39:08 +0000

End at: Sun, 09 Jul 2017 20:39:38 +0000

Local clock offset: 0.328 ms

Remote clock offset: -4.168 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:43:05 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 46.85 Mbit/s

95th percentile per-packet one-way delay: 247.421 ms

Loss rate: 0.10%

-- Flow 1:

Average throughput: 46.86 Mbit/s

95th percentile per-packet one-way delay: 135.553 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 46.78 Mbit/s

95th percentile per-packet one-way delay: 250.207 ms

Loss rate: 0.31%

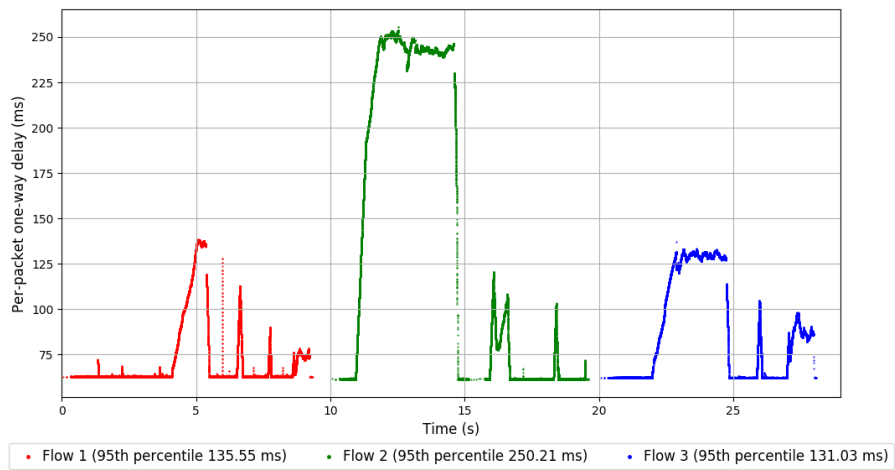
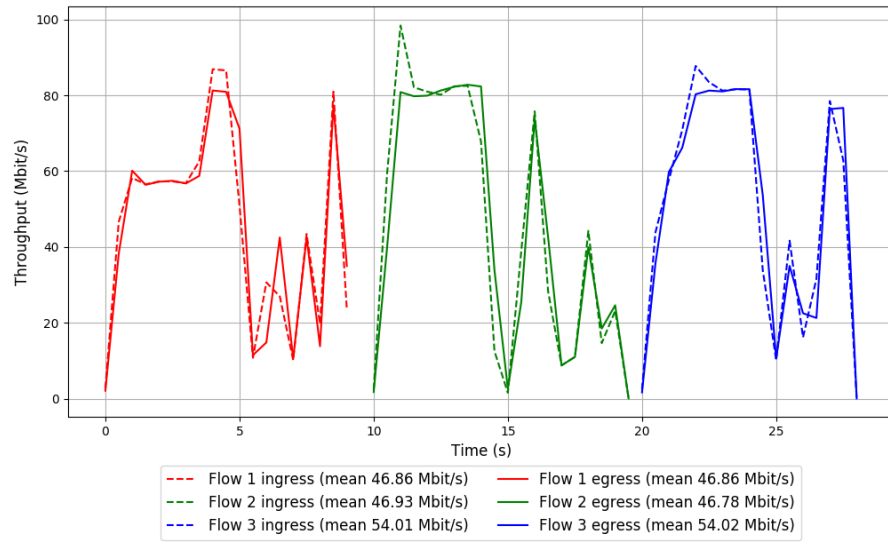
-- Flow 3:

Average throughput: 54.02 Mbit/s

95th percentile per-packet one-way delay: 131.025 ms

Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: Sun, 09 Jul 2017 20:57:40 +0000

End at: Sun, 09 Jul 2017 20:58:10 +0000

Local clock offset: 0.223 ms

Remote clock offset: -3.388 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:43:11 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 40.16 Mbit/s

95th percentile per-packet one-way delay: 238.179 ms

Loss rate: 0.43%

-- Flow 1:

Average throughput: 60.95 Mbit/s

95th percentile per-packet one-way delay: 245.024 ms

Loss rate: 0.30%

-- Flow 2:

Average throughput: 50.43 Mbit/s

95th percentile per-packet one-way delay: 120.016 ms

Loss rate: 0.00%

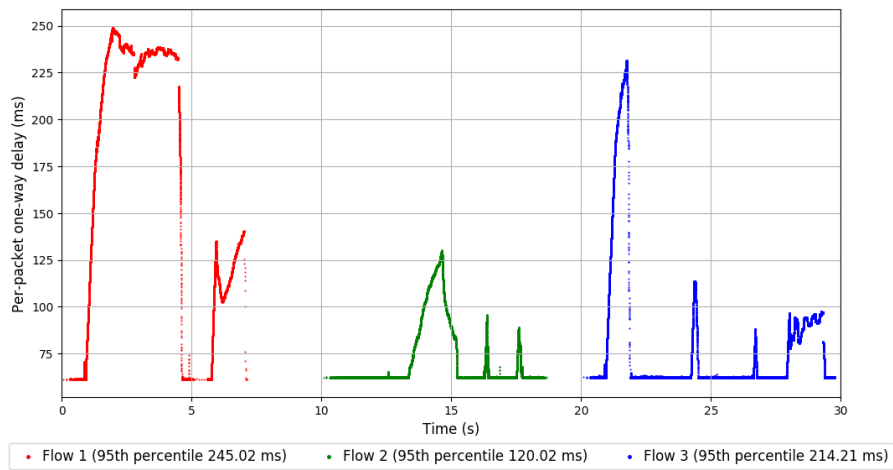
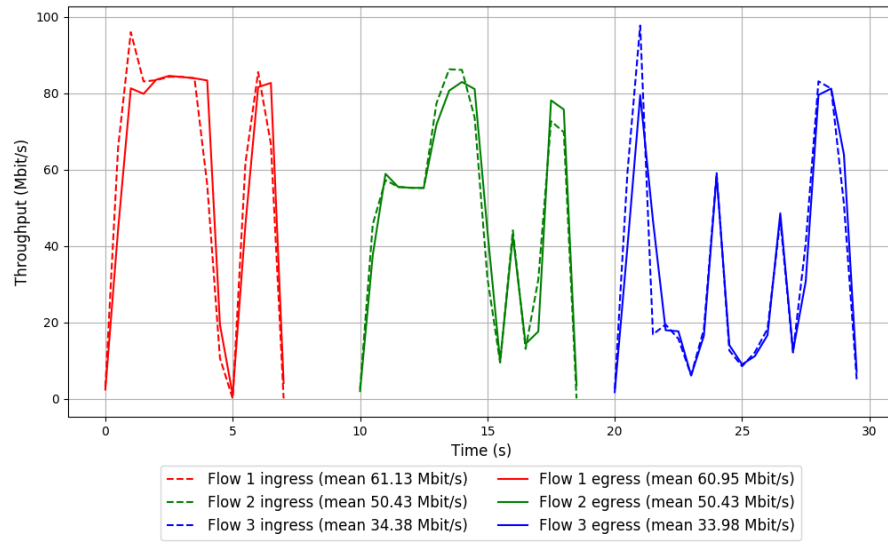
-- Flow 3:

Average throughput: 33.98 Mbit/s

95th percentile per-packet one-way delay: 214.209 ms

Loss rate: 1.15%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: Sun, 09 Jul 2017 21:16:34 +0000

End at: Sun, 09 Jul 2017 21:17:04 +0000

Local clock offset: 0.259 ms

Remote clock offset: -4.041 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:43:12 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 45.66 Mbit/s

95th percentile per-packet one-way delay: 156.285 ms

Loss rate: 0.03%

-- Flow 1:

Average throughput: 55.89 Mbit/s

95th percentile per-packet one-way delay: 167.149 ms

Loss rate: 0.09%

-- Flow 2:

Average throughput: 56.44 Mbit/s

95th percentile per-packet one-way delay: 114.542 ms

Loss rate: 0.00%

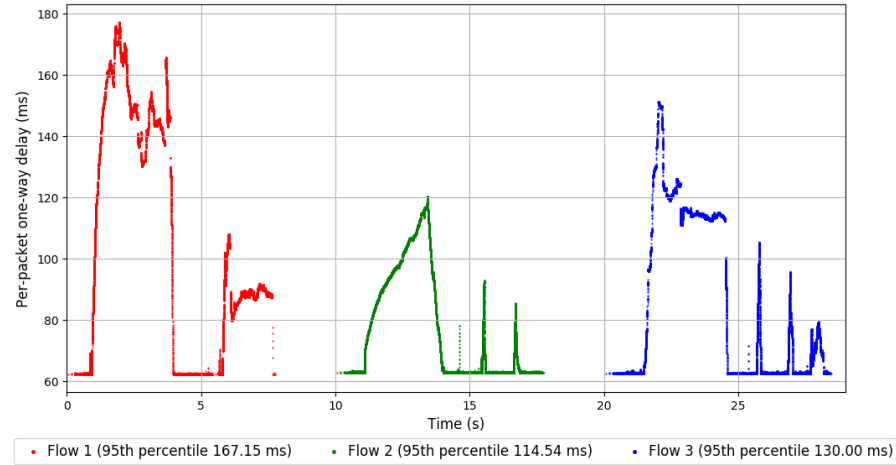
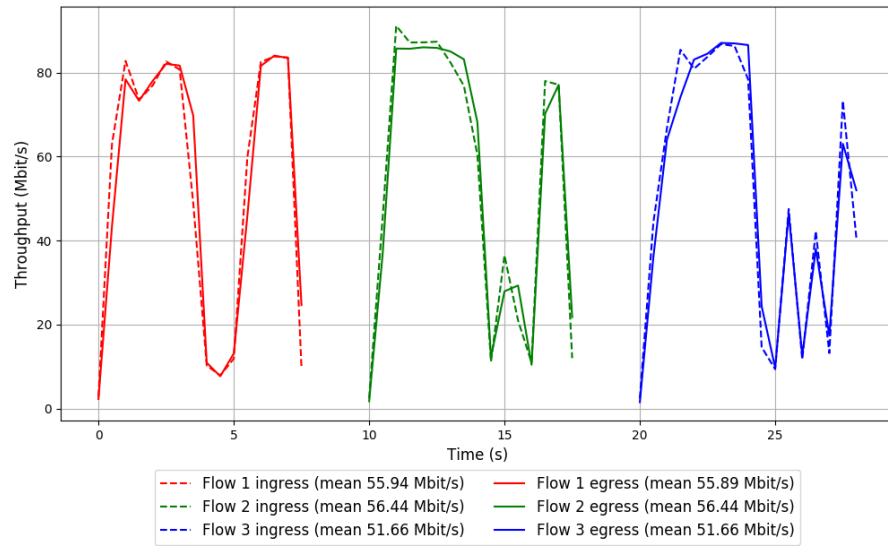
-- Flow 3:

Average throughput: 51.66 Mbit/s

95th percentile per-packet one-way delay: 129.996 ms

Loss rate: 0.00%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: Sun, 09 Jul 2017 21:35:12 +0000

End at: Sun, 09 Jul 2017 21:35:42 +0000

Local clock offset: 0.353 ms

Remote clock offset: -4.761 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:43:18 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 46.39 Mbit/s

95th percentile per-packet one-way delay: 242.657 ms

Loss rate: 0.12%

-- Flow 1:

Average throughput: 57.59 Mbit/s

95th percentile per-packet one-way delay: 72.744 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 61.15 Mbit/s

95th percentile per-packet one-way delay: 246.277 ms

Loss rate: 0.31%

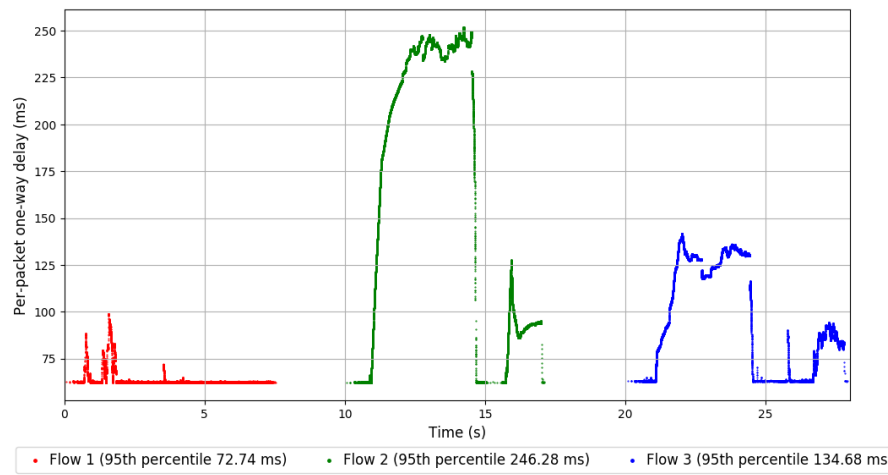
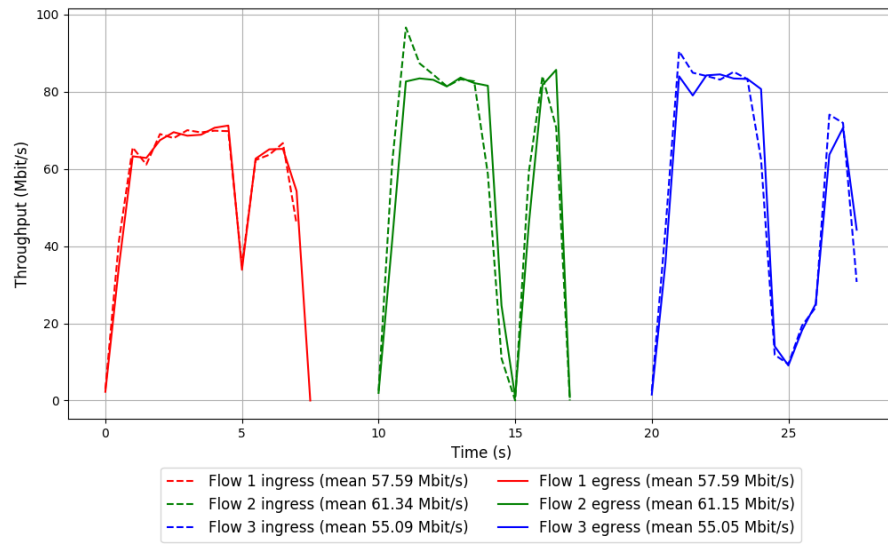
-- Flow 3:

Average throughput: 55.05 Mbit/s

95th percentile per-packet one-way delay: 134.677 ms

Loss rate: 0.06%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: Sun, 09 Jul 2017 21:53:46 +0000

End at: Sun, 09 Jul 2017 21:54:16 +0000

Local clock offset: 0.422 ms

Remote clock offset: -4.416 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:43:19 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 45.03 Mbit/s

95th percentile per-packet one-way delay: 241.598 ms

Loss rate: 0.24%

-- Flow 1:

Average throughput: 44.08 Mbit/s

95th percentile per-packet one-way delay: 254.473 ms

Loss rate: 0.36%

-- Flow 2:

Average throughput: 50.85 Mbit/s

95th percentile per-packet one-way delay: 140.764 ms

Loss rate: 0.09%

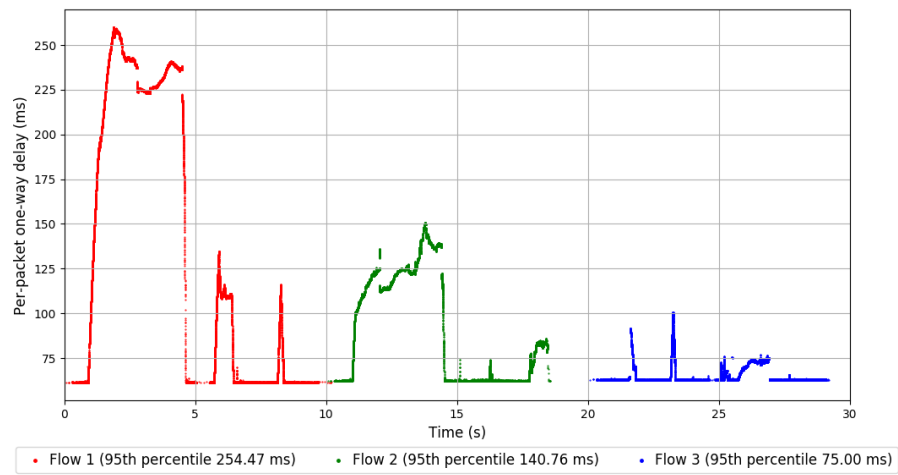
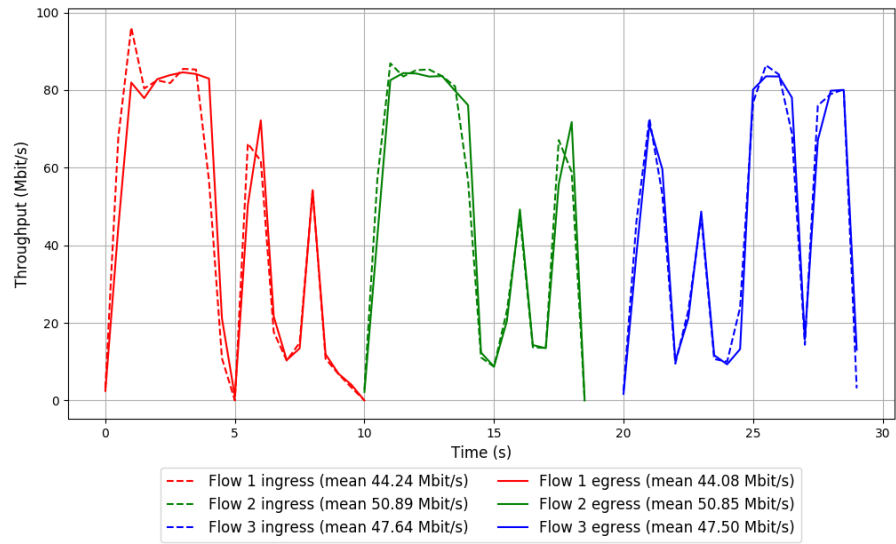
-- Flow 3:

Average throughput: 47.50 Mbit/s

95th percentile per-packet one-way delay: 74.998 ms

Loss rate: 0.28%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: Sun, 09 Jul 2017 22:12:13 +0000

End at: Sun, 09 Jul 2017 22:12:43 +0000

Local clock offset: 0.462 ms

Remote clock offset: -4.692 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:43:23 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 40.07 Mbit/s

95th percentile per-packet one-way delay: 213.431 ms

Loss rate: 0.39%

-- Flow 1:

Average throughput: 56.92 Mbit/s

95th percentile per-packet one-way delay: 144.023 ms

Loss rate: 0.05%

-- Flow 2:

Average throughput: 47.30 Mbit/s

95th percentile per-packet one-way delay: 73.428 ms

Loss rate: 0.00%

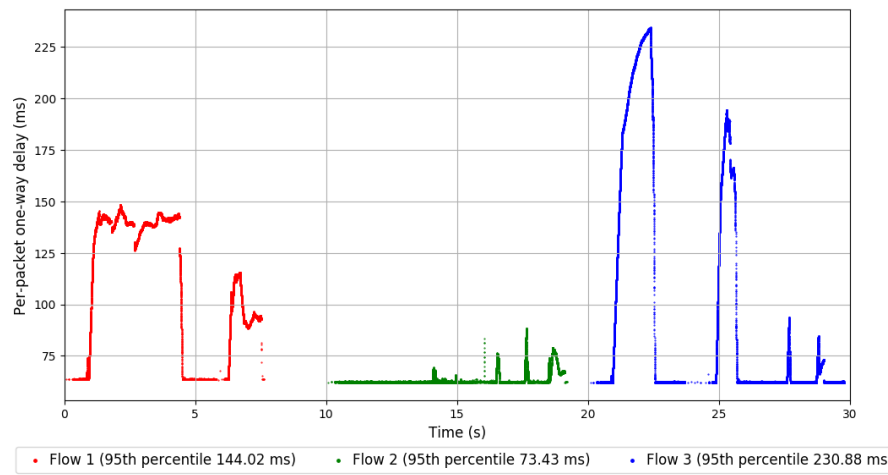
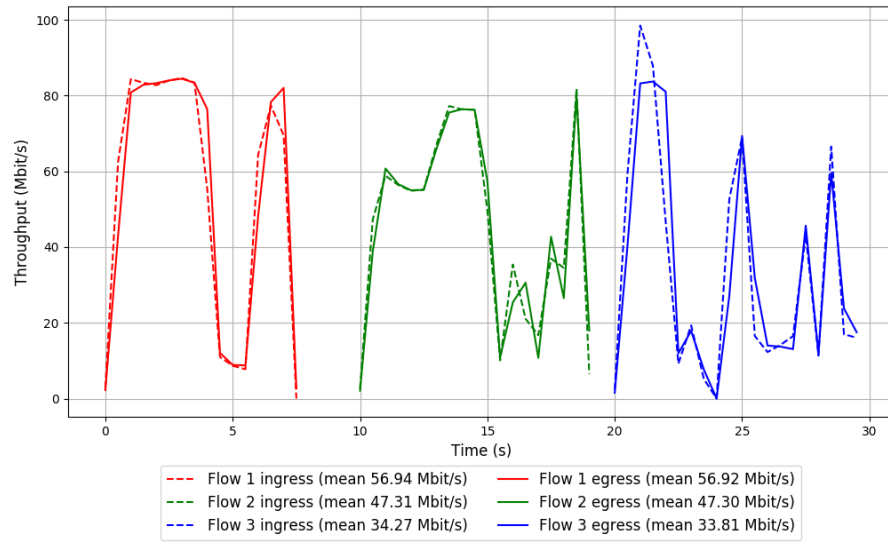
-- Flow 3:

Average throughput: 33.81 Mbit/s

95th percentile per-packet one-way delay: 230.875 ms

Loss rate: 1.35%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: Sun, 09 Jul 2017 22:30:39 +0000

End at: Sun, 09 Jul 2017 22:31:09 +0000

Local clock offset: 0.467 ms

Remote clock offset: -4.505 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:43:26 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 43.93 Mbit/s

95th percentile per-packet one-way delay: 229.613 ms

Loss rate: 0.50%

-- Flow 1:

Average throughput: 55.86 Mbit/s

95th percentile per-packet one-way delay: 159.760 ms

Loss rate: 0.06%

-- Flow 2:

Average throughput: 57.13 Mbit/s

95th percentile per-packet one-way delay: 144.498 ms

Loss rate: 0.04%

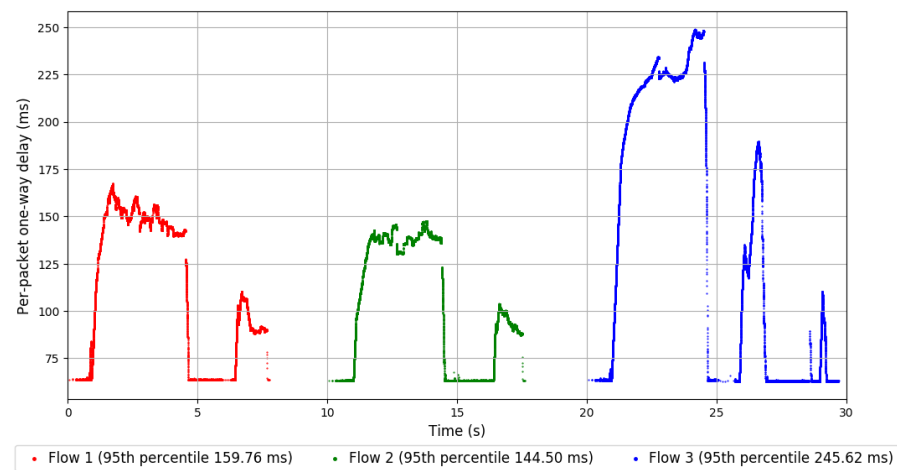
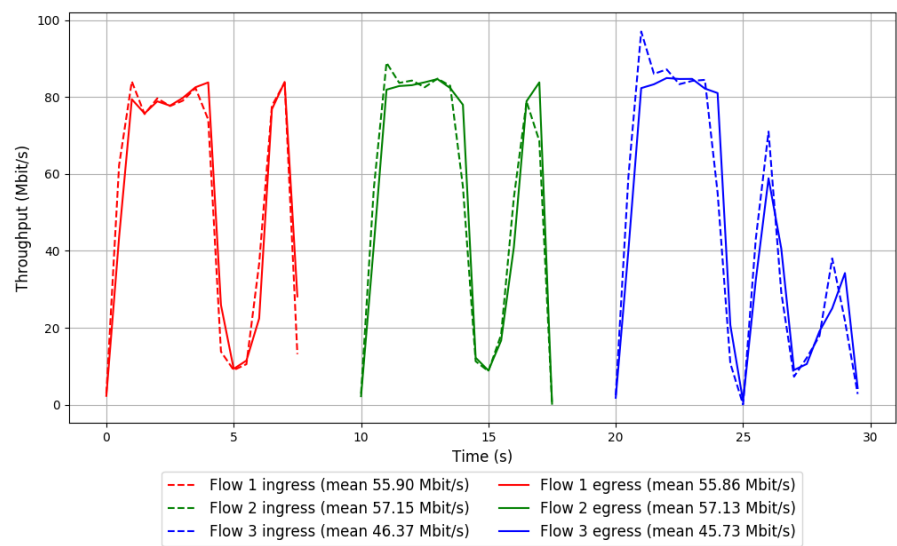
-- Flow 3:

Average throughput: 45.73 Mbit/s

95th percentile per-packet one-way delay: 245.617 ms

Loss rate: 1.38%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: Sun, 09 Jul 2017 22:49:22 +0000

End at: Sun, 09 Jul 2017 22:49:52 +0000

Local clock offset: 0.482 ms

Remote clock offset: -4.548 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:43:32 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 46.54 Mbit/s

95th percentile per-packet one-way delay: 142.937 ms

Loss rate: 0.07%

-- Flow 1:

Average throughput: 46.25 Mbit/s

95th percentile per-packet one-way delay: 88.119 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 55.66 Mbit/s

95th percentile per-packet one-way delay: 150.764 ms

Loss rate: 0.20%

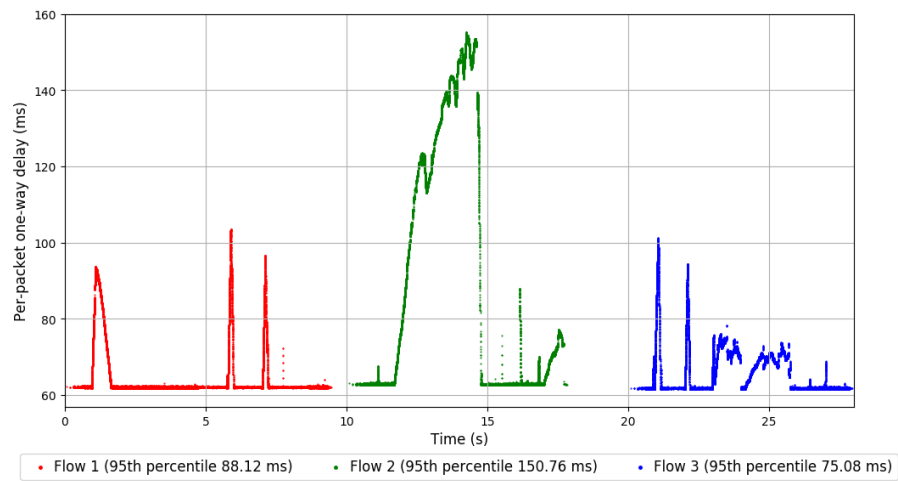
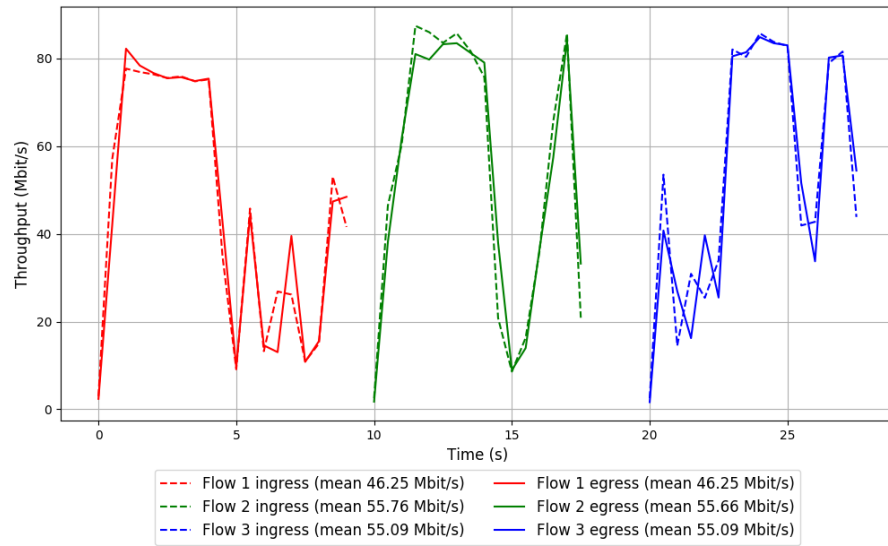
-- Flow 3:

Average throughput: 55.09 Mbit/s

95th percentile per-packet one-way delay: 75.078 ms

Loss rate: 0.00%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: Sun, 09 Jul 2017 23:08:00 +0000

End at: Sun, 09 Jul 2017 23:08:30 +0000

Local clock offset: 0.513 ms

Remote clock offset: -4.929 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:43:33 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 44.67 Mbit/s

95th percentile per-packet one-way delay: 143.880 ms

Loss rate: 0.21%

-- Flow 1:

Average throughput: 51.48 Mbit/s

95th percentile per-packet one-way delay: 146.353 ms

Loss rate: 0.43%

-- Flow 2:

Average throughput: 57.22 Mbit/s

95th percentile per-packet one-way delay: 139.215 ms

Loss rate: 0.06%

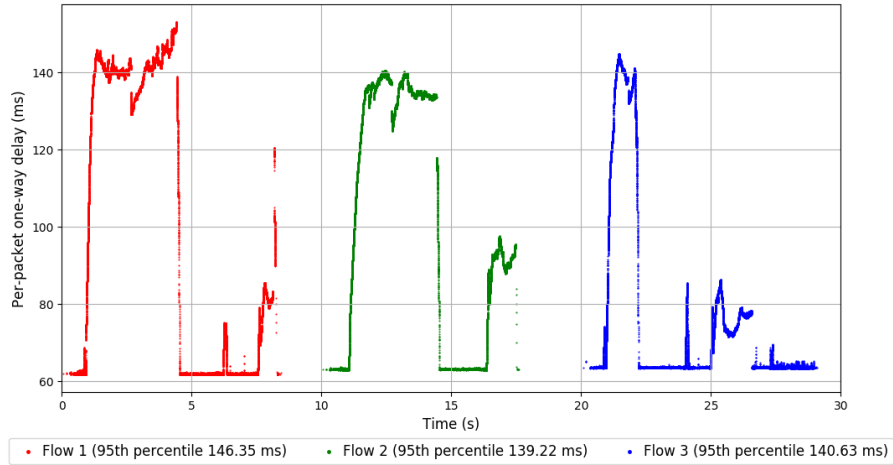
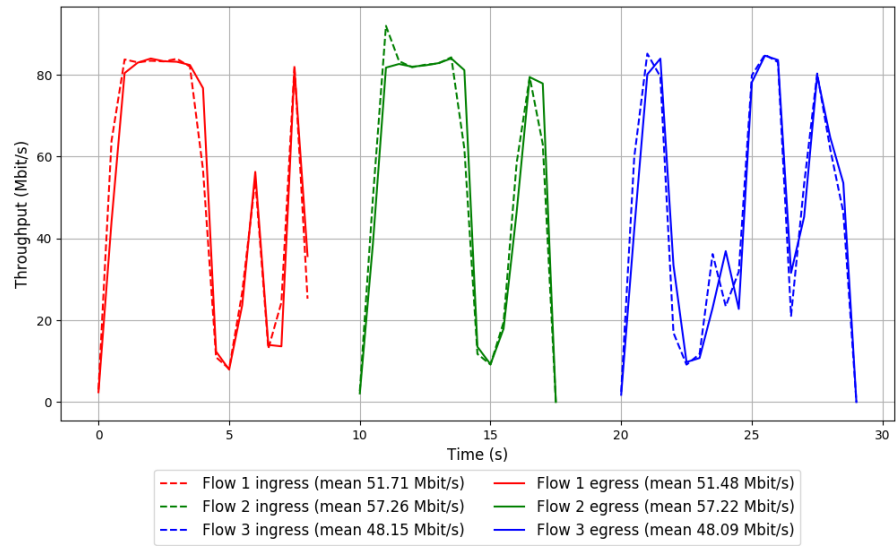
-- Flow 3:

Average throughput: 48.09 Mbit/s

95th percentile per-packet one-way delay: 140.634 ms

Loss rate: 0.12%

Run 10: Report of QUIC Cubic — Data Link



Run 1: Statistics of Saturator

Start at: Sun, 09 Jul 2017 20:09:18 +0000

End at: Sun, 09 Jul 2017 20:09:48 +0000

Local clock offset: 0.239 ms

Remote clock offset: -4.057 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:43:39 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 40.94 Mbit/s

95th percentile per-packet one-way delay: 63.478 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 20.64 Mbit/s

95th percentile per-packet one-way delay: 63.608 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 20.46 Mbit/s

95th percentile per-packet one-way delay: 63.399 ms

Loss rate: 0.00%

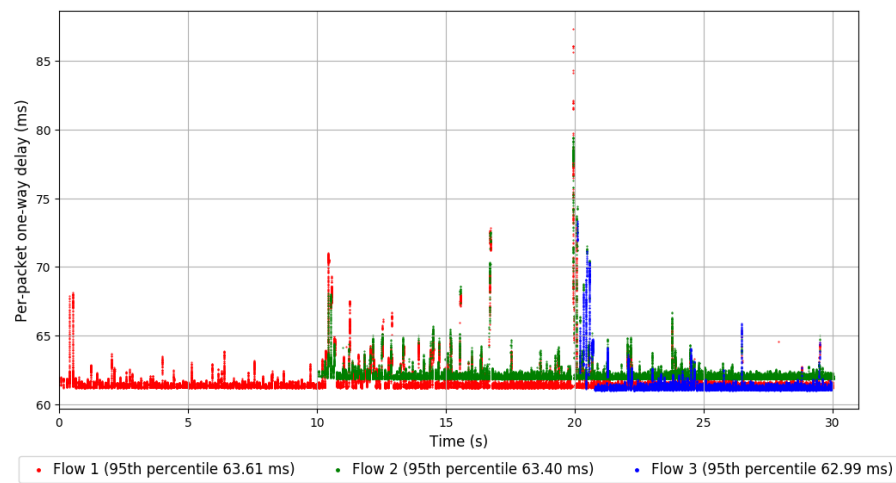
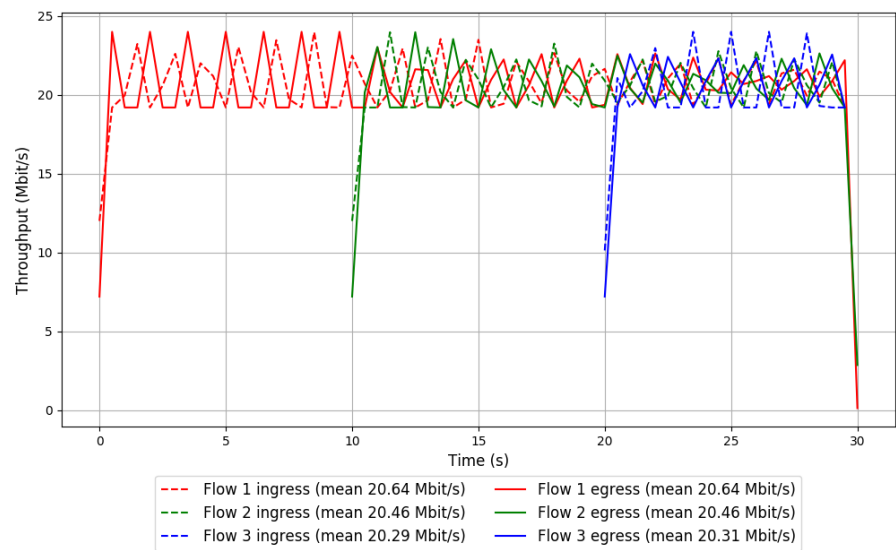
-- Flow 3:

Average throughput: 20.31 Mbit/s

95th percentile per-packet one-way delay: 62.990 ms

Loss rate: 0.00%

Run 1: Report of Saturator — Data Link



Run 2: Statistics of Saturator

Start at: Sun, 09 Jul 2017 20:28:04 +0000

End at: Sun, 09 Jul 2017 20:28:34 +0000

Local clock offset: 0.31 ms

Remote clock offset: -4.003 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:43:39 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 40.68 Mbit/s

95th percentile per-packet one-way delay: 63.859 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 20.41 Mbit/s

95th percentile per-packet one-way delay: 63.435 ms

Loss rate: 0.05%

-- Flow 2:

Average throughput: 20.41 Mbit/s

95th percentile per-packet one-way delay: 65.157 ms

Loss rate: 0.00%

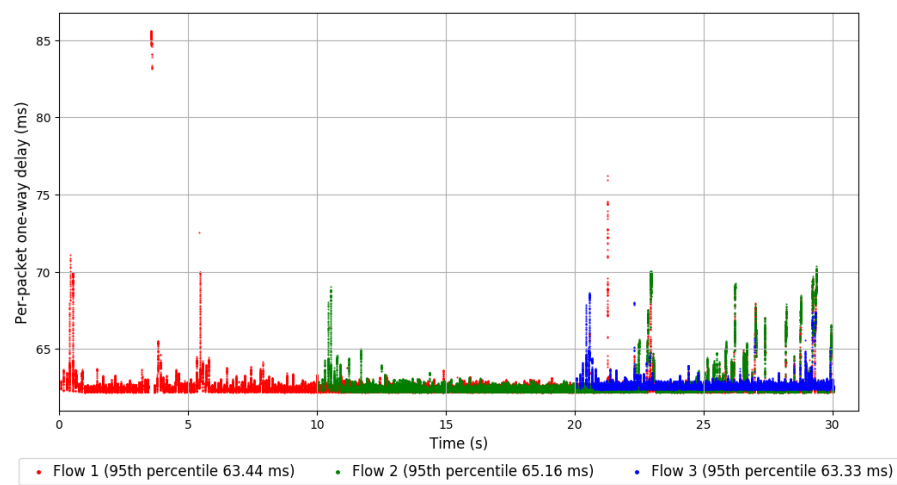
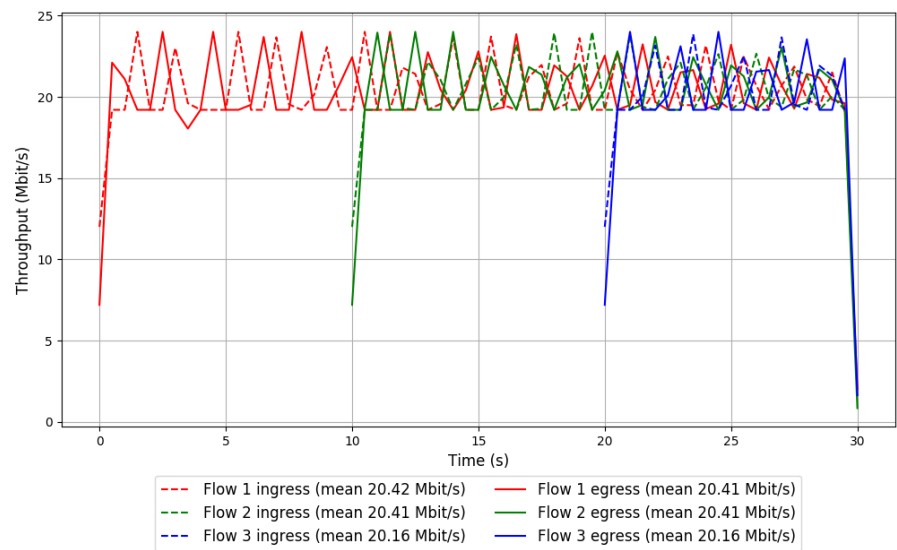
-- Flow 3:

Average throughput: 20.16 Mbit/s

95th percentile per-packet one-way delay: 63.330 ms

Loss rate: 0.00%

Run 2: Report of Saturator — Data Link



Run 3: Statistics of Saturator

Start at: Sun, 09 Jul 2017 20:46:39 +0000

End at: Sun, 09 Jul 2017 20:47:10 +0000

Local clock offset: 0.275 ms

Remote clock offset: -4.049 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:43:46 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 40.71 Mbit/s

95th percentile per-packet one-way delay: 64.422 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 20.41 Mbit/s

95th percentile per-packet one-way delay: 64.870 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 20.58 Mbit/s

95th percentile per-packet one-way delay: 63.832 ms

Loss rate: 0.00%

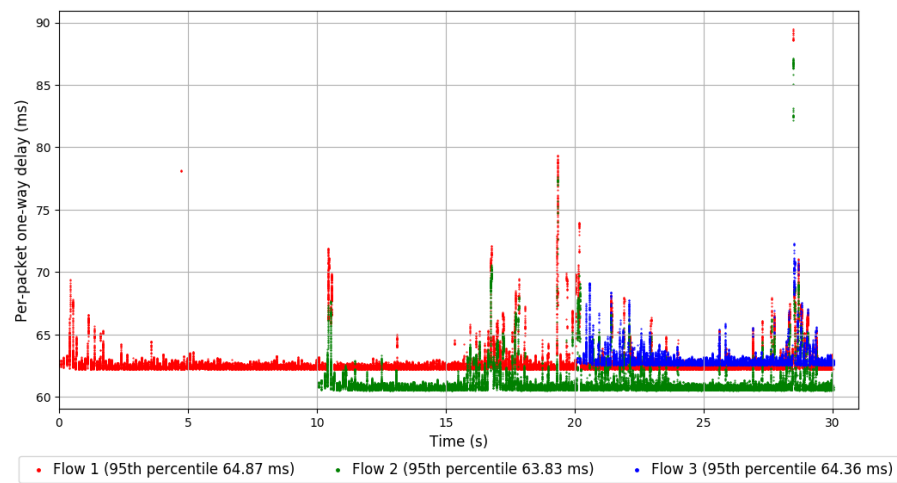
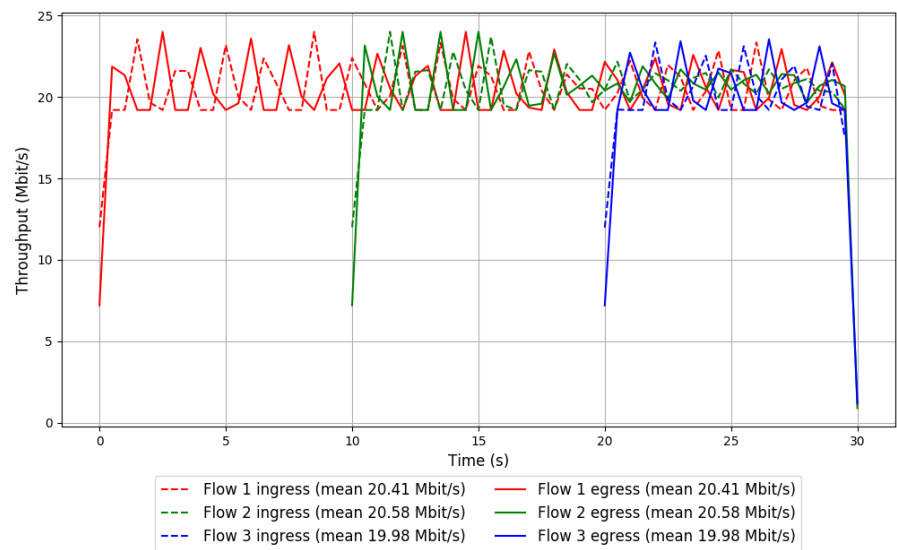
-- Flow 3:

Average throughput: 19.98 Mbit/s

95th percentile per-packet one-way delay: 64.363 ms

Loss rate: 0.01%

Run 3: Report of Saturator — Data Link



Run 4: Statistics of Saturator

Start at: Sun, 09 Jul 2017 21:05:31 +0000

End at: Sun, 09 Jul 2017 21:06:01 +0000

Local clock offset: 0.221 ms

Remote clock offset: -3.931 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:43:46 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 40.68 Mbit/s

95th percentile per-packet one-way delay: 63.448 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 20.39 Mbit/s

95th percentile per-packet one-way delay: 63.408 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 20.43 Mbit/s

95th percentile per-packet one-way delay: 63.128 ms

Loss rate: 0.00%

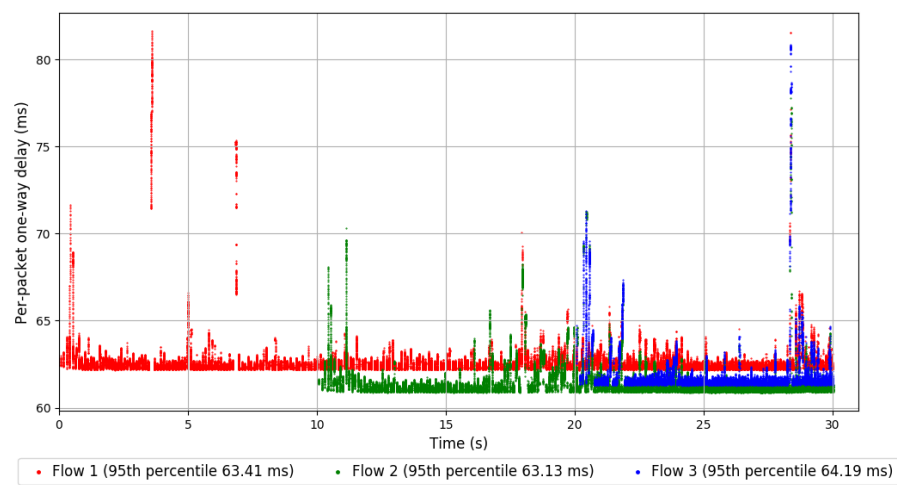
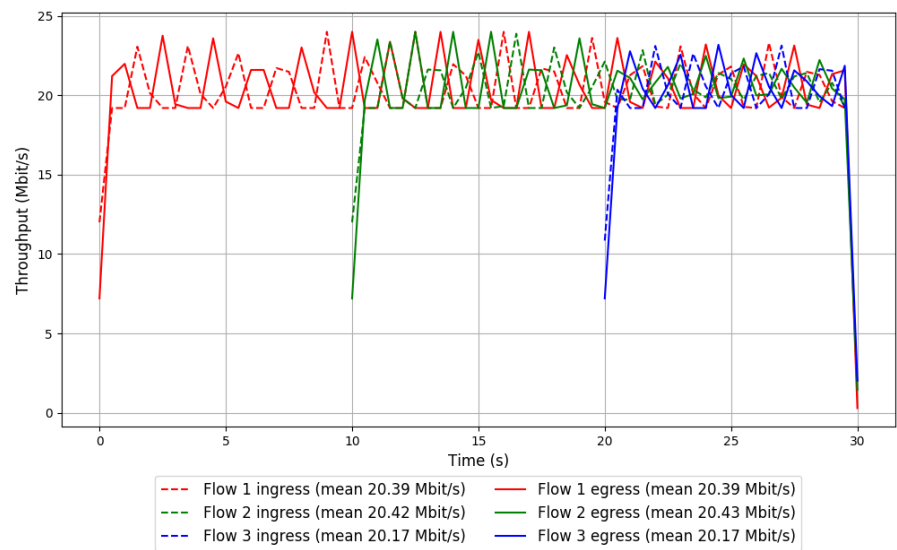
-- Flow 3:

Average throughput: 20.17 Mbit/s

95th percentile per-packet one-way delay: 64.191 ms

Loss rate: 0.00%

Run 4: Report of Saturator — Data Link



Run 5: Statistics of Saturator

Start at: Sun, 09 Jul 2017 21:24:06 +0000

End at: Sun, 09 Jul 2017 21:24:36 +0000

Local clock offset: 0.308 ms

Remote clock offset: -4.185 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:43:52 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 40.89 Mbit/s

95th percentile per-packet one-way delay: 63.577 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 20.46 Mbit/s

95th percentile per-packet one-way delay: 63.933 ms

Loss rate: 0.04%

-- Flow 2:

Average throughput: 20.66 Mbit/s

95th percentile per-packet one-way delay: 63.562 ms

Loss rate: 0.00%

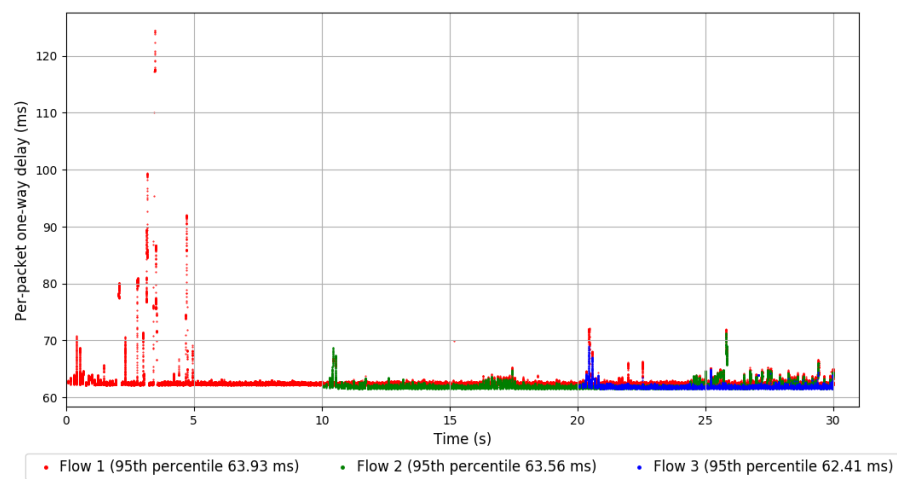
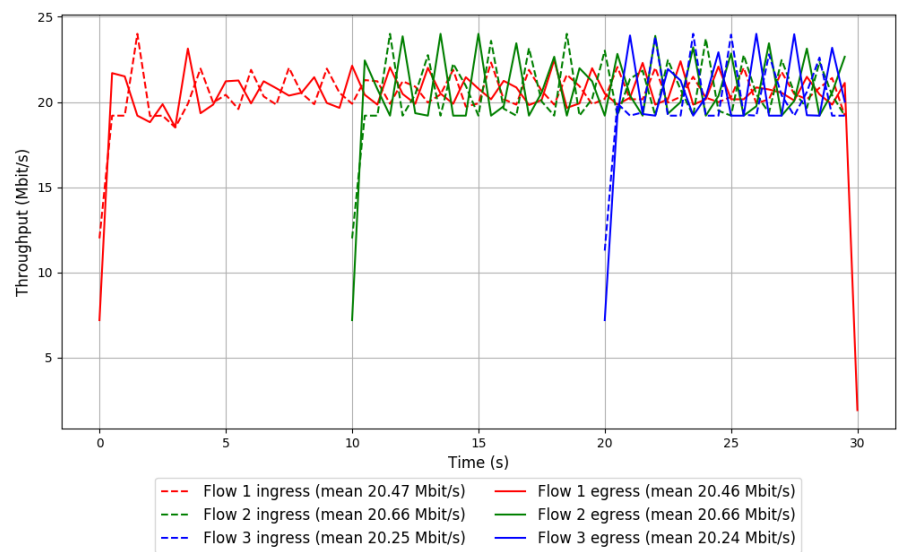
-- Flow 3:

Average throughput: 20.24 Mbit/s

95th percentile per-packet one-way delay: 62.407 ms

Loss rate: 0.00%

Run 5: Report of Saturator — Data Link



Run 6: Statistics of Saturator

Start at: Sun, 09 Jul 2017 21:42:45 +0000

End at: Sun, 09 Jul 2017 21:43:15 +0000

Local clock offset: 0.32 ms

Remote clock offset: -4.428 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:43:52 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 40.46 Mbit/s

95th percentile per-packet one-way delay: 64.164 ms

Loss rate: 0.03%

-- Flow 1:

Average throughput: 20.31 Mbit/s

95th percentile per-packet one-way delay: 63.955 ms

Loss rate: 0.04%

-- Flow 2:

Average throughput: 20.27 Mbit/s

95th percentile per-packet one-way delay: 64.671 ms

Loss rate: 0.02%

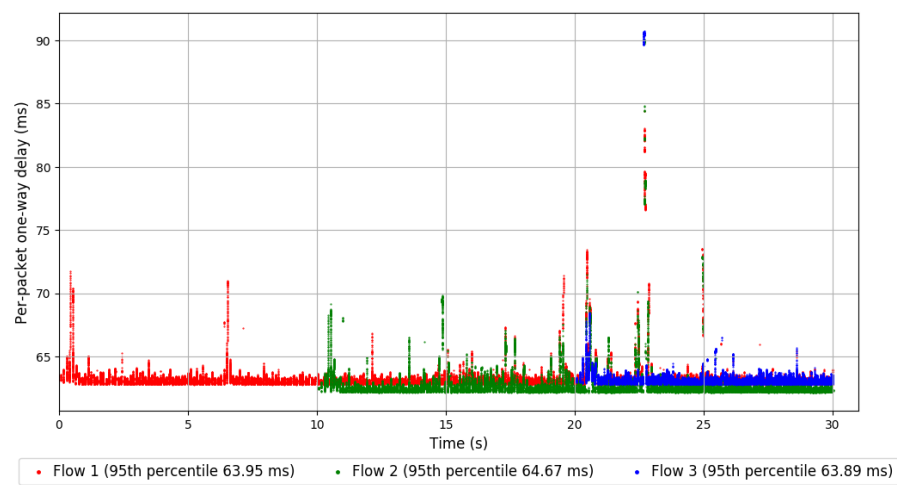
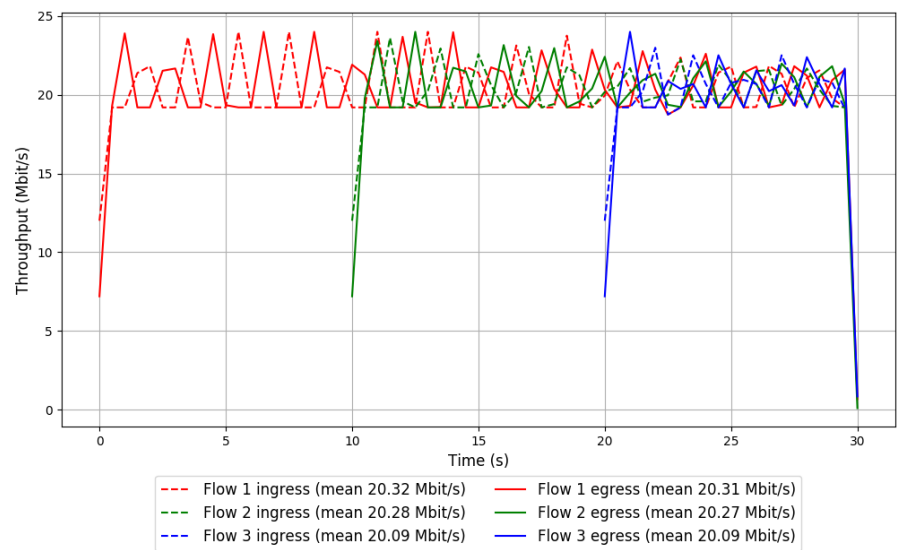
-- Flow 3:

Average throughput: 20.09 Mbit/s

95th percentile per-packet one-way delay: 63.887 ms

Loss rate: 0.00%

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

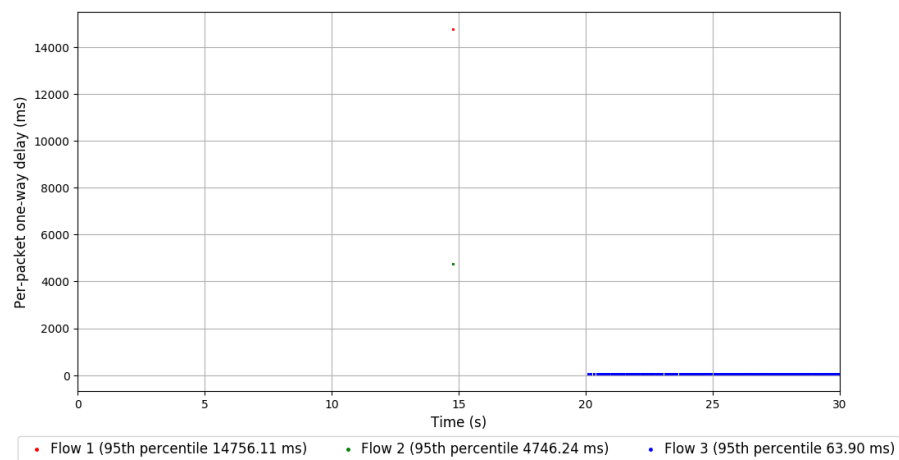
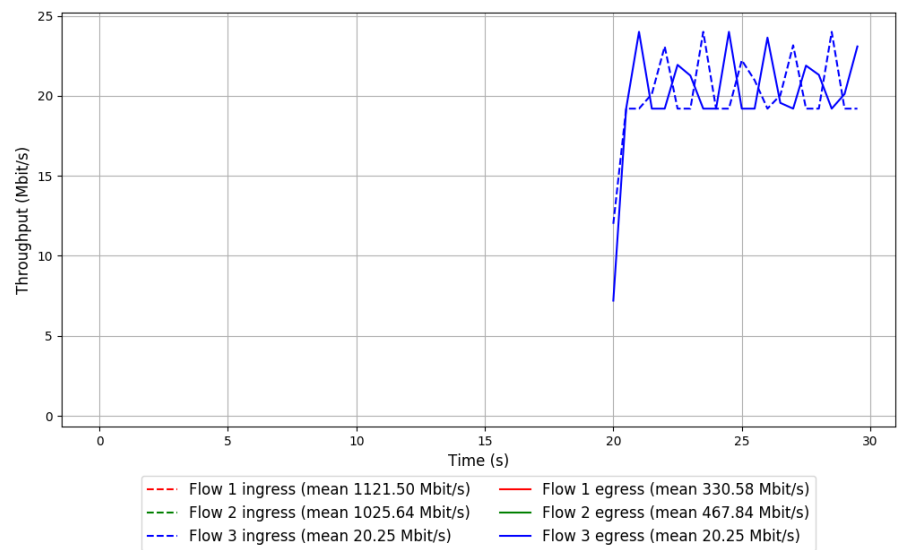
Start at: Sun, 09 Jul 2017 22:01:24 +0000

End at: Sun, 09 Jul 2017 22:01:54 +0000

Local clock offset: 0.467 ms

Remote clock offset: -4.752 ms

Run 7: Report of Saturator — Data Link



Run 8: Statistics of Saturator

Start at: Sun, 09 Jul 2017 22:19:45 +0000

End at: Sun, 09 Jul 2017 22:20:15 +0000

Local clock offset: 0.426 ms

Remote clock offset: -4.726 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:43:57 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 39.89 Mbit/s

95th percentile per-packet one-way delay: 74.649 ms

Loss rate: 0.19%

-- Flow 1:

Average throughput: 20.11 Mbit/s

95th percentile per-packet one-way delay: 72.589 ms

Loss rate: 0.20%

-- Flow 2:

Average throughput: 19.82 Mbit/s

95th percentile per-packet one-way delay: 75.330 ms

Loss rate: 0.27%

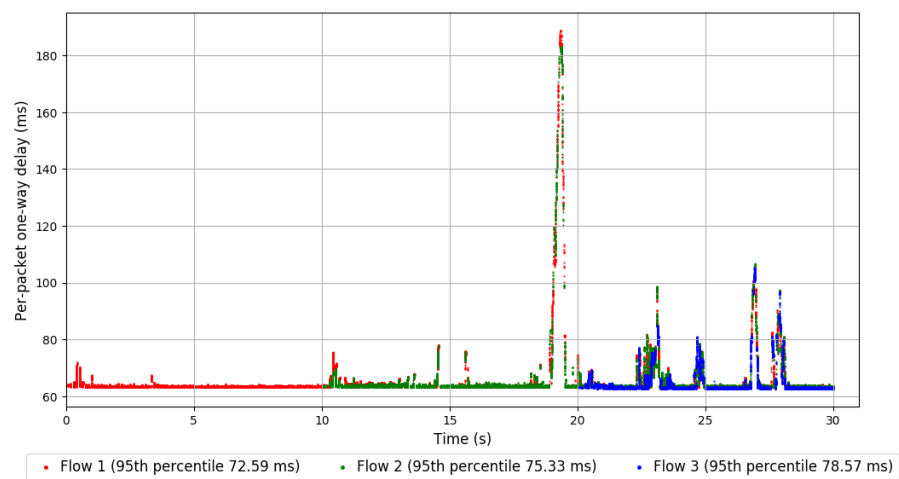
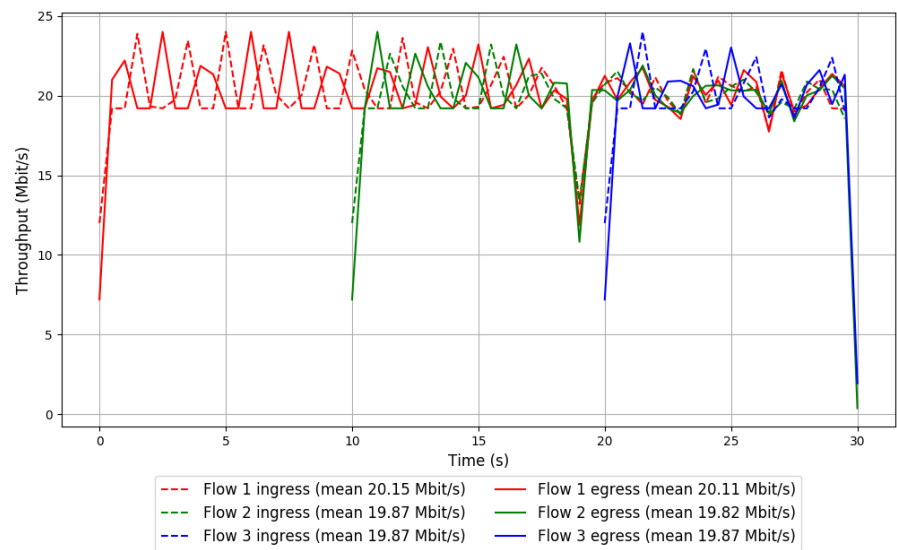
-- Flow 3:

Average throughput: 19.87 Mbit/s

95th percentile per-packet one-way delay: 78.570 ms

Loss rate: 0.00%

Run 8: Report of Saturator — Data Link



Run 9: Statistics of Saturator

Start at: Sun, 09 Jul 2017 22:38:26 +0000

End at: Sun, 09 Jul 2017 22:38:56 +0000

Local clock offset: 0.535 ms

Remote clock offset: -4.41 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:44:00 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 40.68 Mbit/s

95th percentile per-packet one-way delay: 64.155 ms

Loss rate: 0.13%

-- Flow 1:

Average throughput: 20.45 Mbit/s

95th percentile per-packet one-way delay: 64.257 ms

Loss rate: 0.25%

-- Flow 2:

Average throughput: 20.35 Mbit/s

95th percentile per-packet one-way delay: 64.336 ms

Loss rate: 0.00%

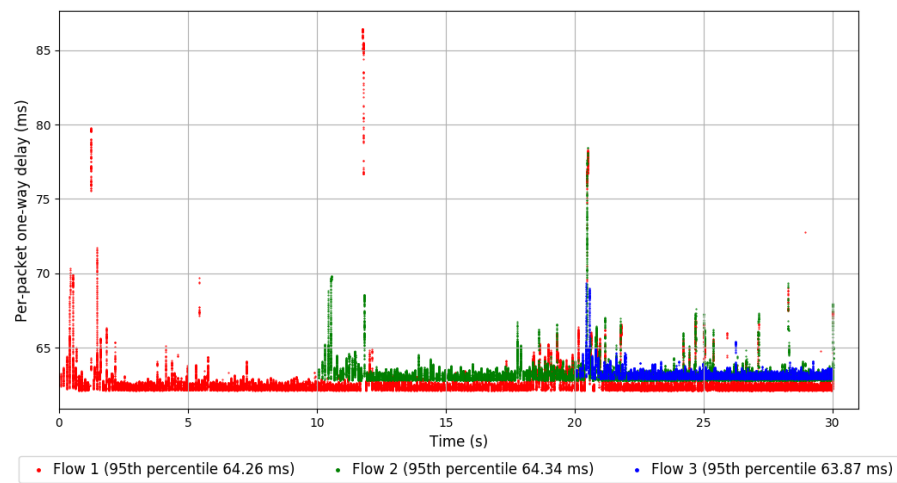
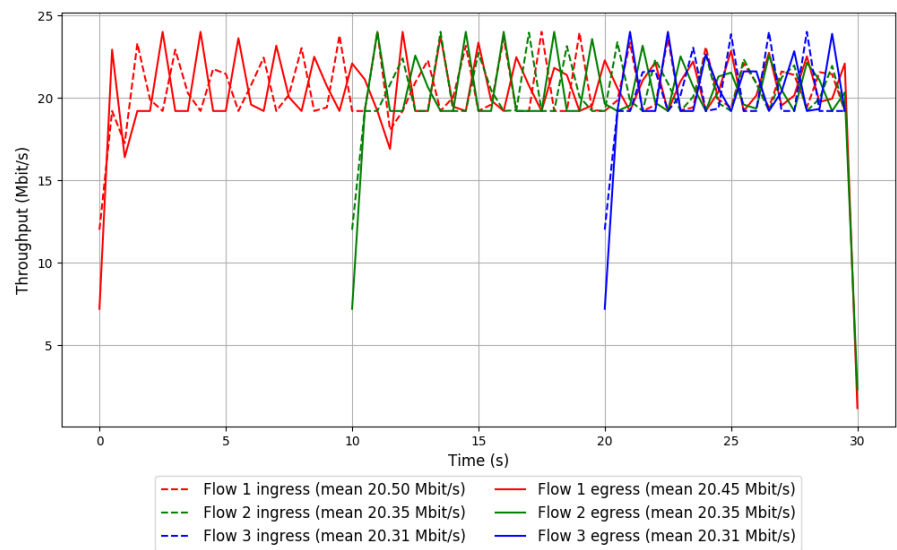
-- Flow 3:

Average throughput: 20.31 Mbit/s

95th percentile per-packet one-way delay: 63.871 ms

Loss rate: 0.00%

Run 9: Report of Saturator — Data Link



Run 10: Statistics of Saturator

Start at: Sun, 09 Jul 2017 22:56:54 +0000

End at: Sun, 09 Jul 2017 22:57:24 +0000

Local clock offset: 0.467 ms

Remote clock offset: -4.242 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:44:05 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 40.71 Mbit/s

95th percentile per-packet one-way delay: 63.988 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 20.52 Mbit/s

95th percentile per-packet one-way delay: 63.267 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 20.29 Mbit/s

95th percentile per-packet one-way delay: 64.052 ms

Loss rate: 0.00%

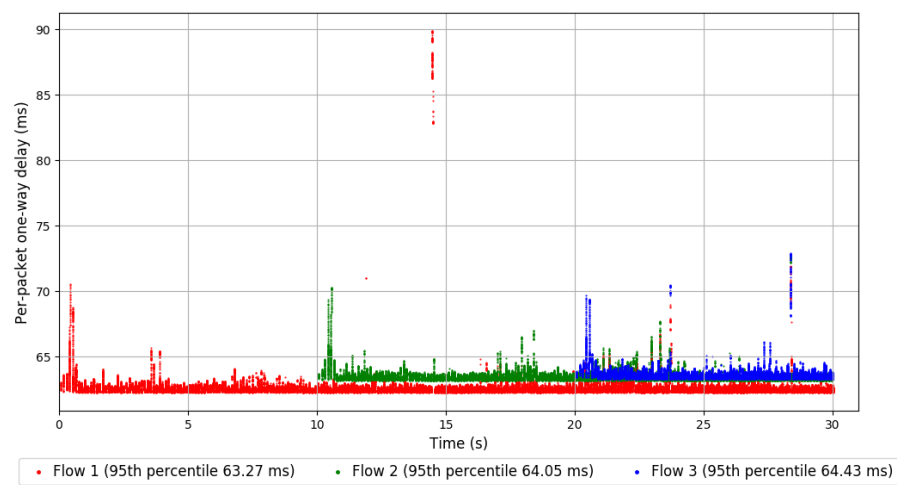
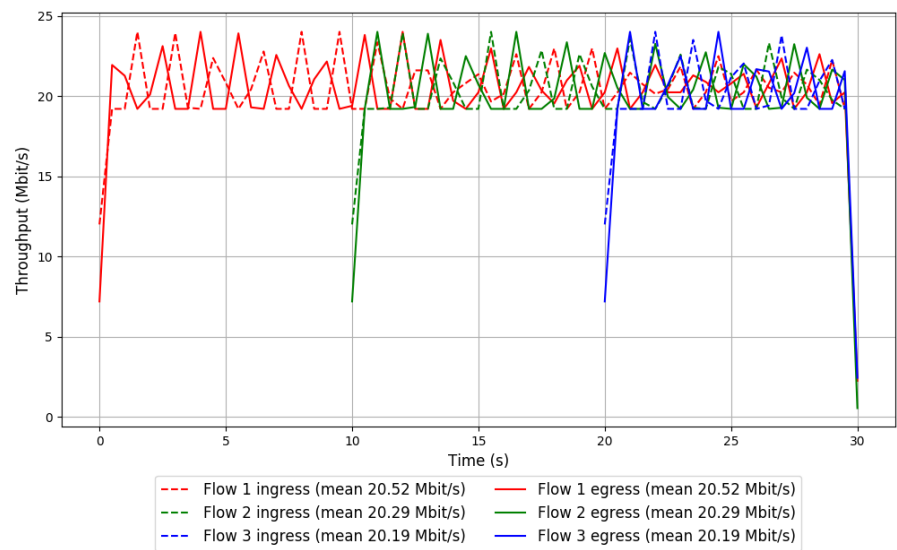
-- Flow 3:

Average throughput: 20.19 Mbit/s

95th percentile per-packet one-way delay: 64.426 ms

Loss rate: 0.00%

Run 10: Report of Saturator — Data Link



Run 1: Statistics of SReAM

Start at: Sun, 09 Jul 2017 20:11:42 +0000

End at: Sun, 09 Jul 2017 20:12:12 +0000

Local clock offset: 0.319 ms

Remote clock offset: -3.945 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:44:05 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.26 Mbit/s

95th percentile per-packet one-way delay: 62.375 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 35.38 Mbit/s

95th percentile per-packet one-way delay: 4899.711 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 62.313 ms

Loss rate: 0.00%

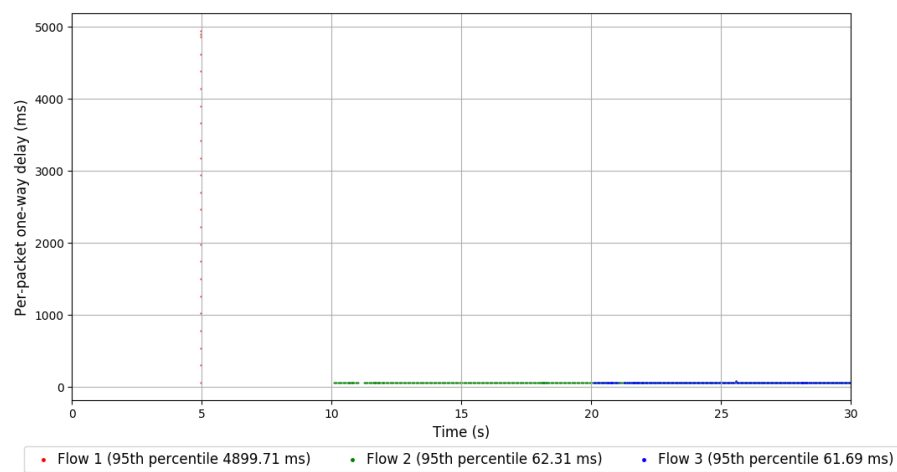
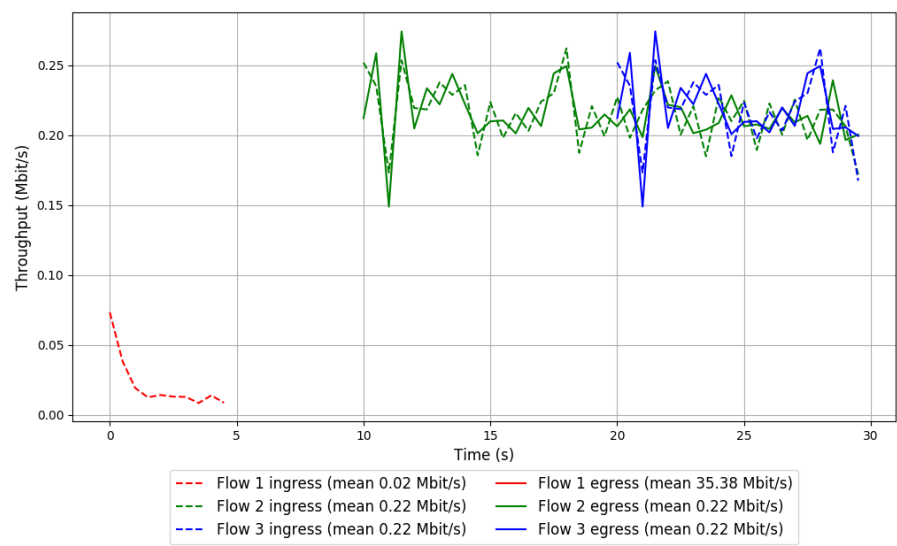
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 61.692 ms

Loss rate: 0.00%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SReAM

Start at: Sun, 09 Jul 2017 20:30:29 +0000

End at: Sun, 09 Jul 2017 20:30:59 +0000

Local clock offset: 0.185 ms

Remote clock offset: -4.01 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:44:05 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.45 Mbit/s

95th percentile per-packet one-way delay: 62.989 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 62.073 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 63.066 ms

Loss rate: 0.00%

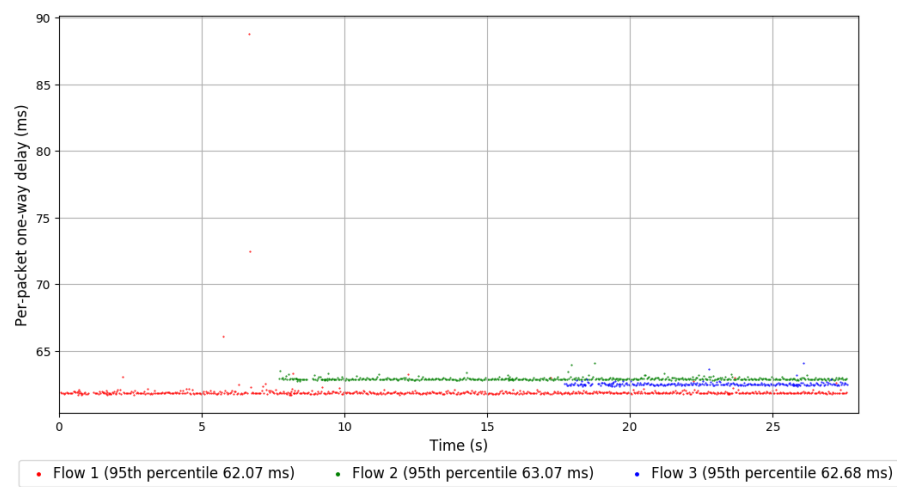
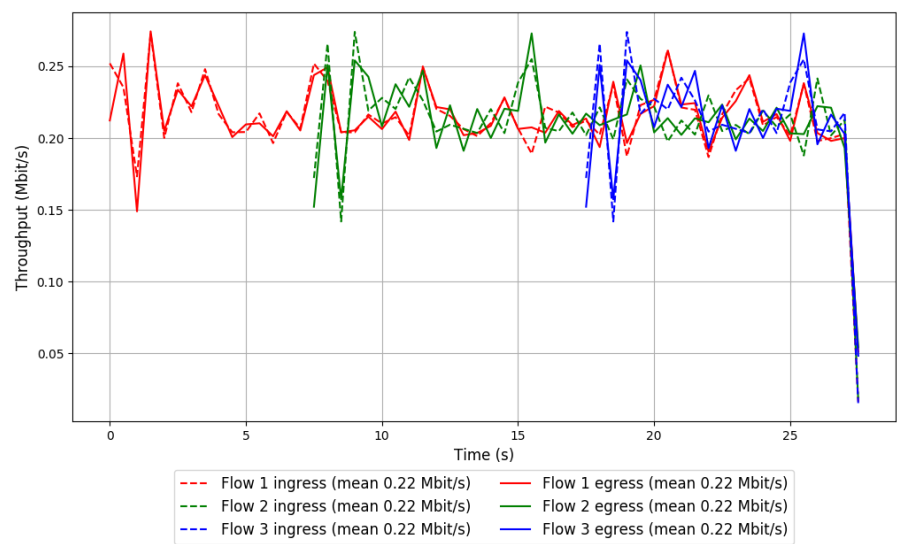
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 62.681 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SReAM

Start at: Sun, 09 Jul 2017 20:49:04 +0000

End at: Sun, 09 Jul 2017 20:49:34 +0000

Local clock offset: 0.281 ms

Remote clock offset: -4.116 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:44:05 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 62.590 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 62.645 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 61.983 ms

Loss rate: 0.00%

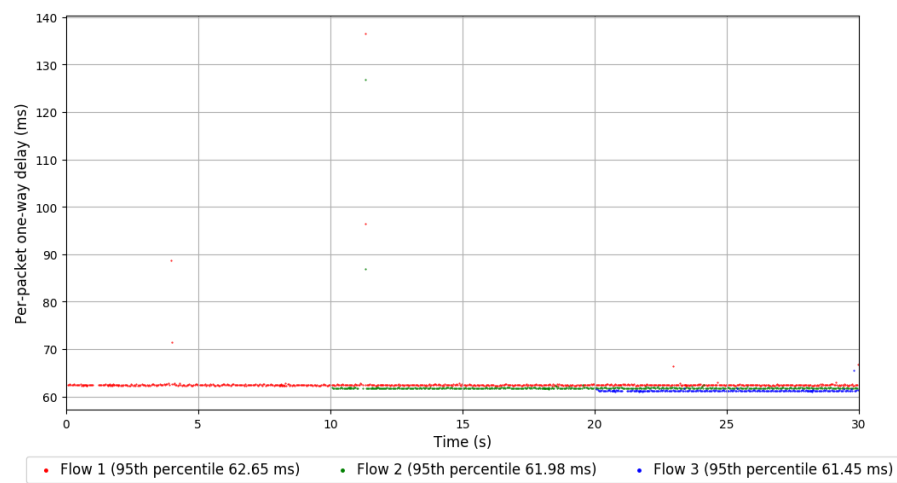
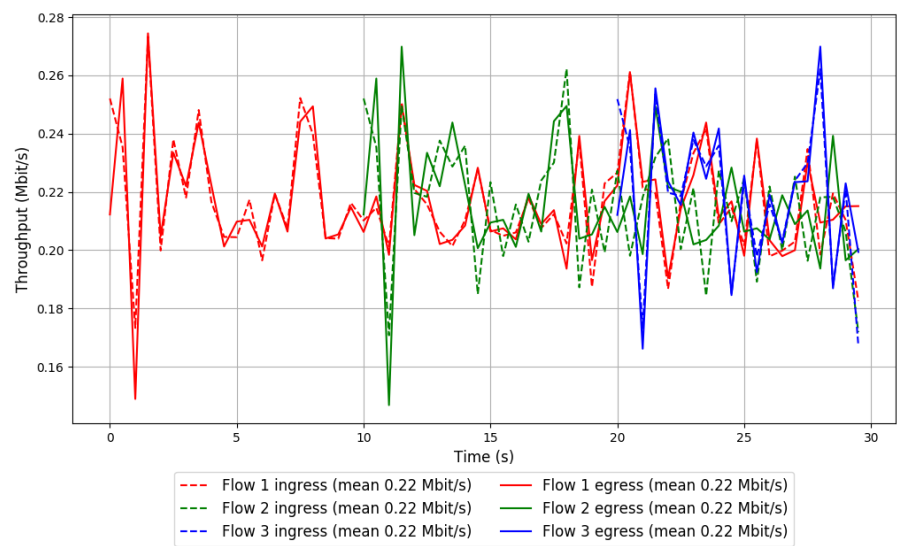
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 61.448 ms

Loss rate: 0.00%

Run 3: Report of SCRaM — Data Link



Run 4: Statistics of SReAM

Start at: Sun, 09 Jul 2017 21:07:55 +0000

End at: Sun, 09 Jul 2017 21:08:25 +0000

Local clock offset: 0.201 ms

Remote clock offset: -3.81 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:44:05 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 62.217 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 62.192 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 61.832 ms

Loss rate: 0.00%

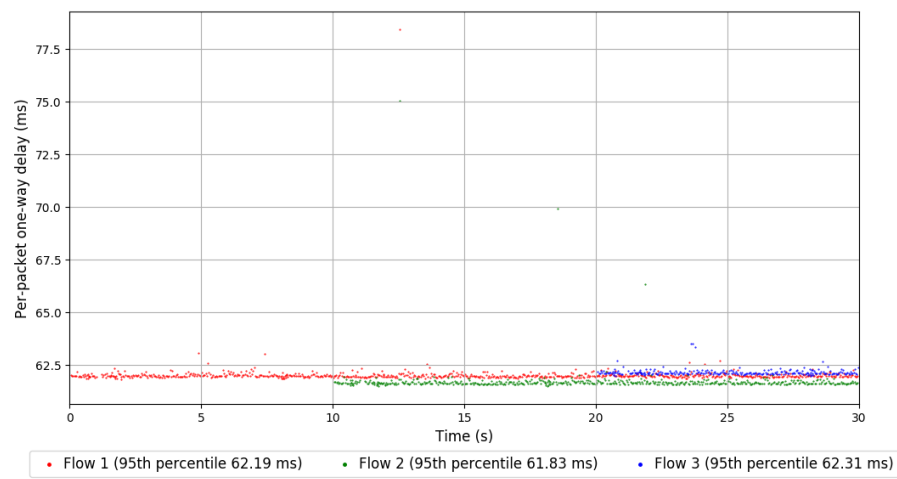
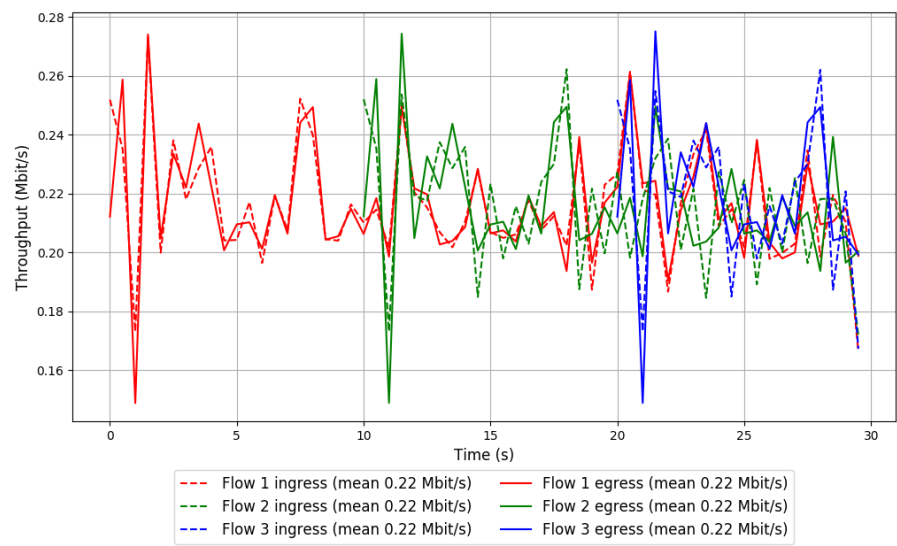
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 62.309 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: Sun, 09 Jul 2017 21:26:31 +0000

End at: Sun, 09 Jul 2017 21:27:01 +0000

Local clock offset: 0.341 ms

Remote clock offset: -4.607 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:44:06 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.48 Mbit/s

95th percentile per-packet one-way delay: 63.389 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 63.022 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 63.470 ms

Loss rate: 0.00%

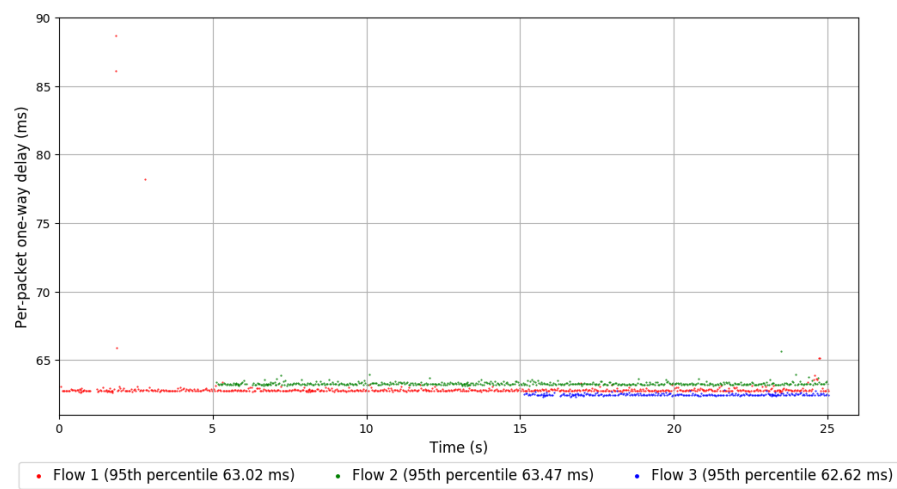
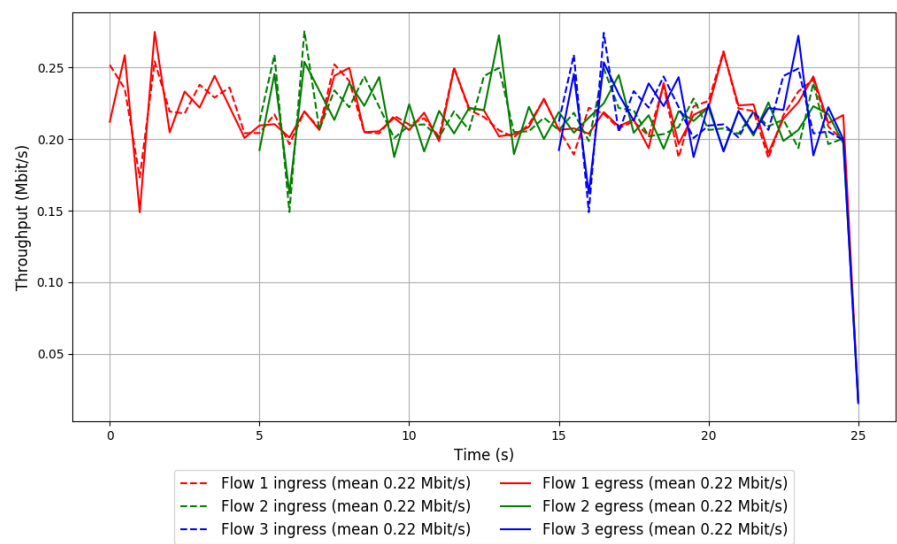
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 62.622 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

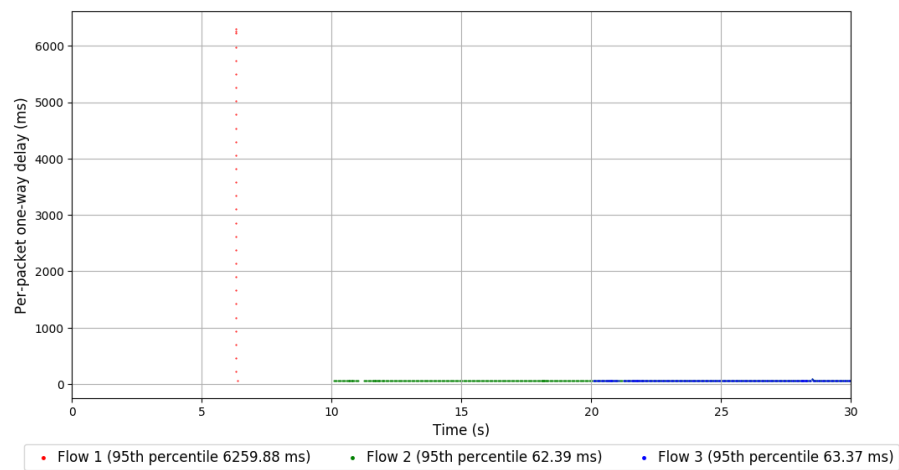
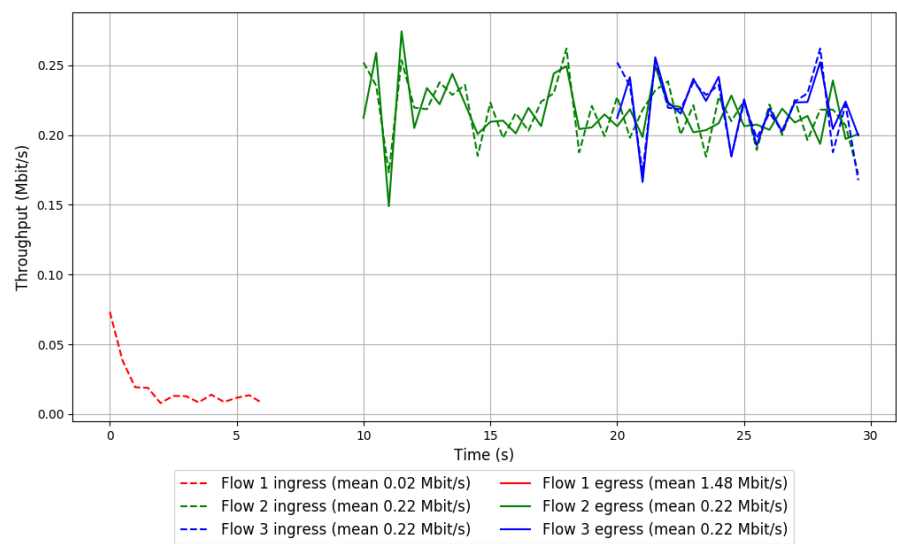
Start at: Sun, 09 Jul 2017 21:45:10 +0000

End at: Sun, 09 Jul 2017 21:45:40 +0000

Local clock offset: 0.434 ms

Remote clock offset: -4.641 ms

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

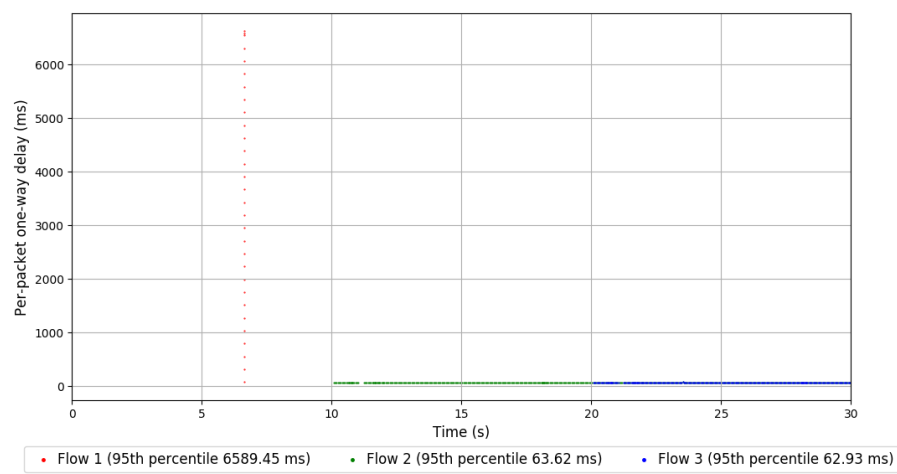
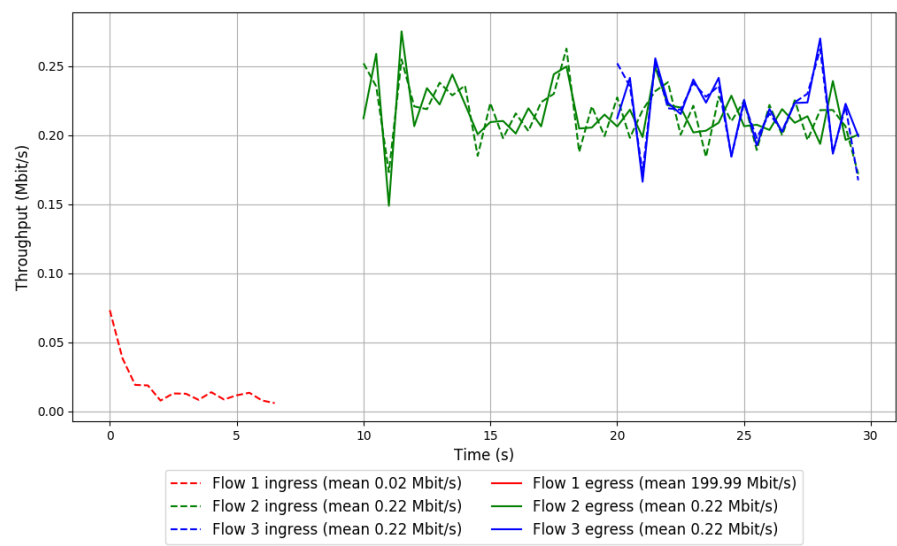
Start at: Sun, 09 Jul 2017 22:03:45 +0000

End at: Sun, 09 Jul 2017 22:04:15 +0000

Local clock offset: 0.483 ms

Remote clock offset: -4.773 ms

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SReAM

Start at: Sun, 09 Jul 2017 22:22:09 +0000

End at: Sun, 09 Jul 2017 22:22:39 +0000

Local clock offset: 0.477 ms

Remote clock offset: -4.984 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:44:08 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 62.580 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.14 Mbit/s

95th percentile per-packet one-way delay: 130.661 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 62.573 ms

Loss rate: 0.00%

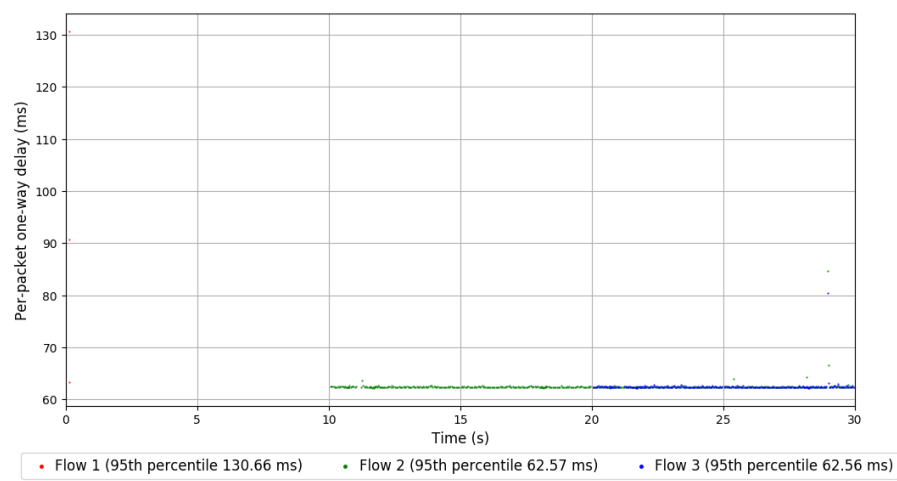
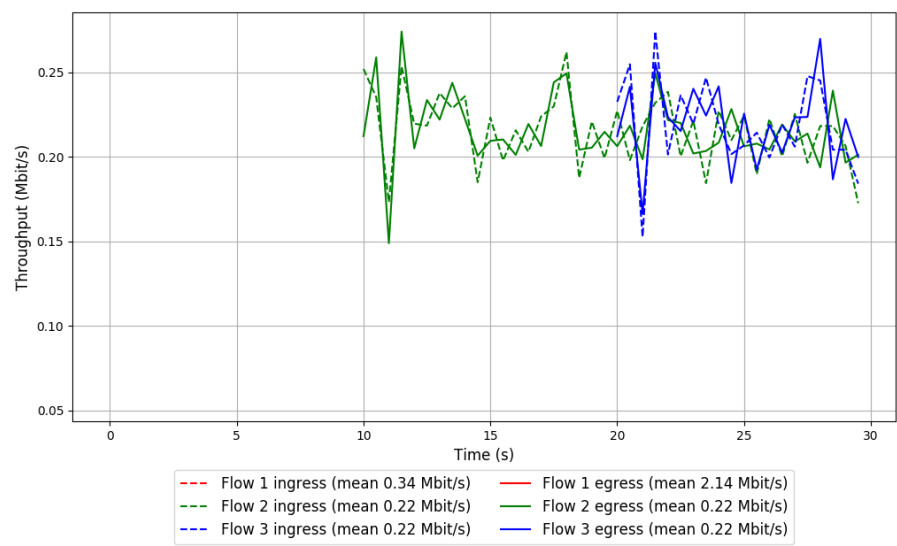
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 62.563 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: Sun, 09 Jul 2017 22:40:51 +0000

End at: Sun, 09 Jul 2017 22:41:21 +0000

Local clock offset: 0.502 ms

Remote clock offset: -4.514 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:44:09 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 63.742 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 63.225 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 63.874 ms

Loss rate: 0.00%

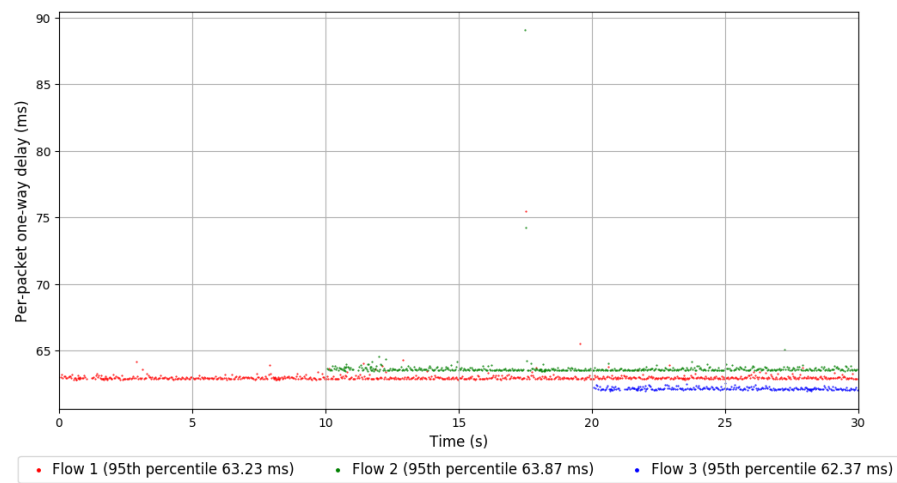
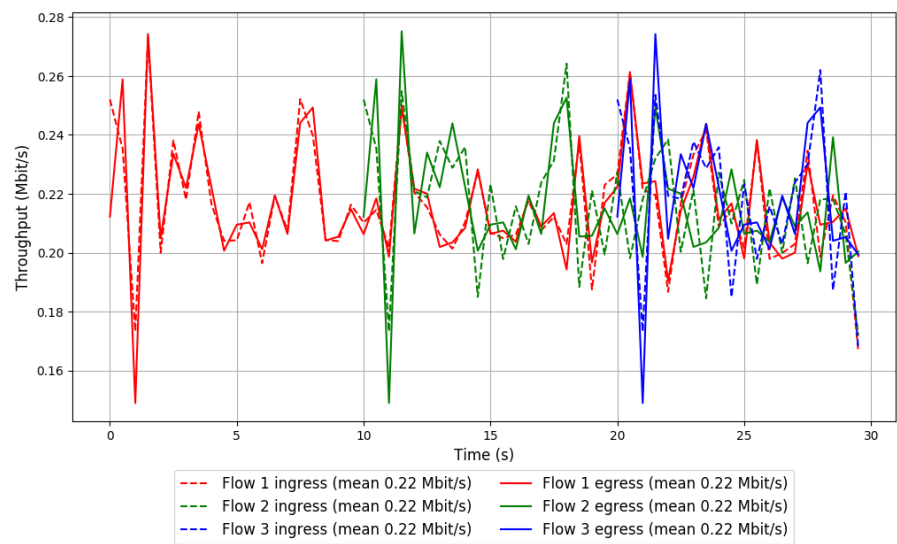
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 62.372 ms

Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

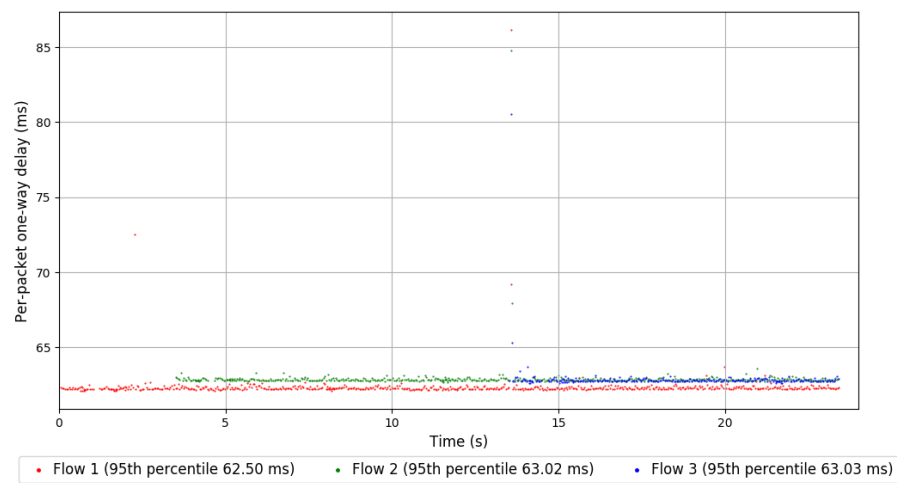
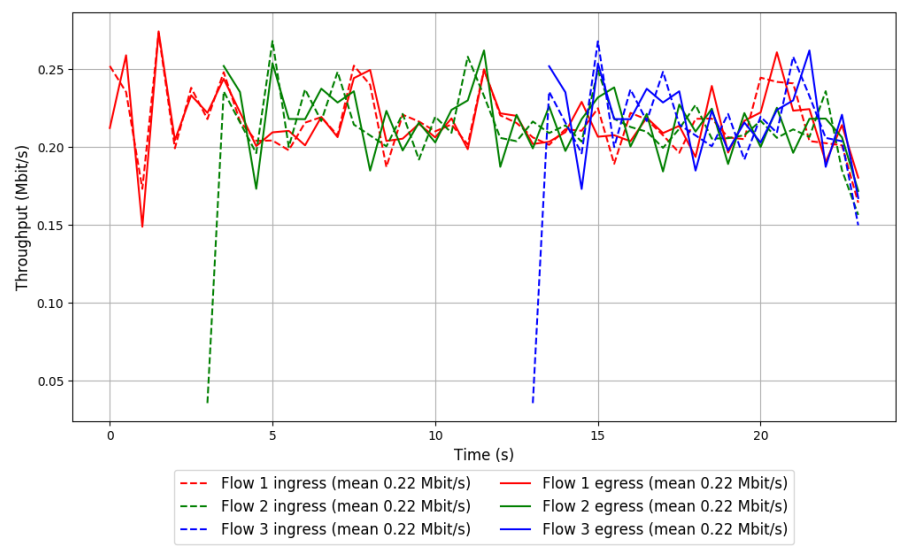
Start at: Sun, 09 Jul 2017 22:59:18 +0000

End at: Sun, 09 Jul 2017 22:59:48 +0000

Local clock offset: 0.436 ms

Remote clock offset: -4.243 ms

Run 10: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: Sun, 09 Jul 2017 20:16:35 +0000

End at: Sun, 09 Jul 2017 20:17:05 +0000

Local clock offset: 0.25 ms

Remote clock offset: -3.936 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:44:11 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 13.54 Mbit/s

95th percentile per-packet one-way delay: 63.689 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 6.98 Mbit/s

95th percentile per-packet one-way delay: 63.737 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 6.57 Mbit/s

95th percentile per-packet one-way delay: 63.722 ms

Loss rate: 0.00%

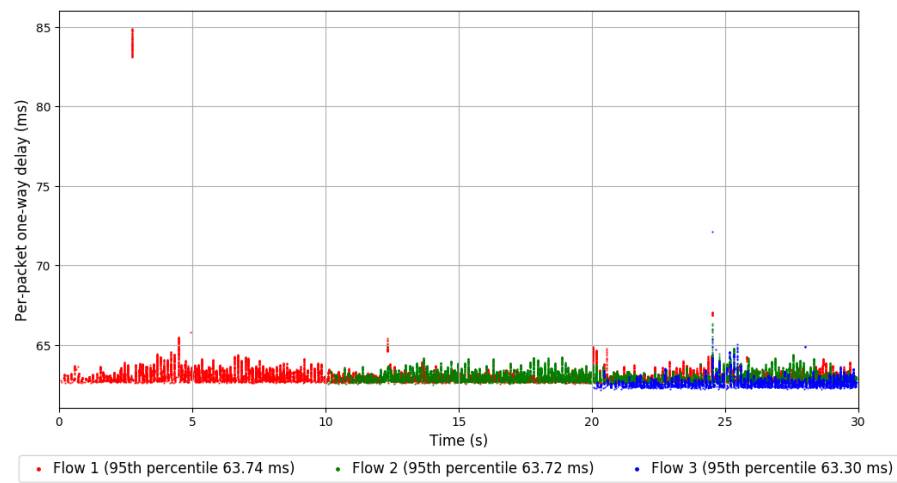
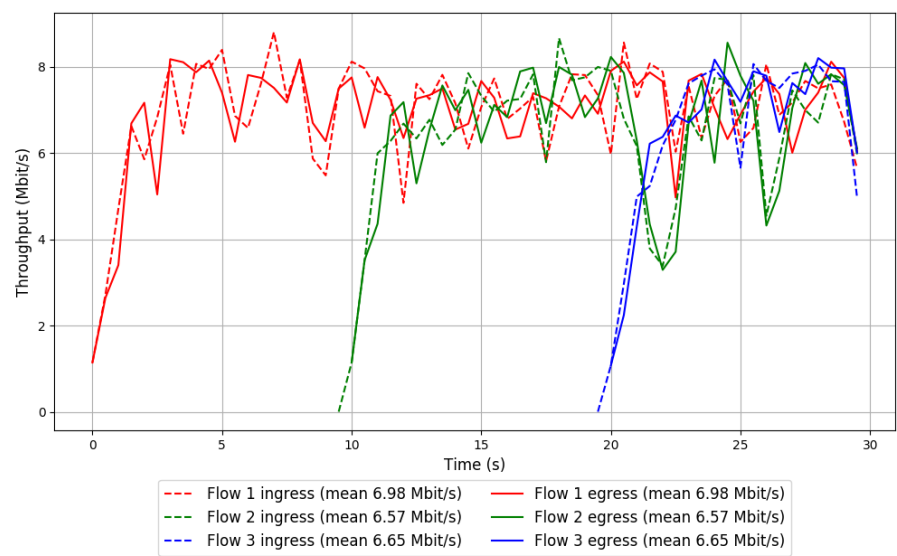
-- Flow 3:

Average throughput: 6.65 Mbit/s

95th percentile per-packet one-way delay: 63.296 ms

Loss rate: 0.00%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: Sun, 09 Jul 2017 20:35:16 +0000

End at: Sun, 09 Jul 2017 20:35:46 +0000

Local clock offset: 0.233 ms

Remote clock offset: -4.128 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:44:12 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 14.43 Mbit/s

95th percentile per-packet one-way delay: 63.282 ms

Loss rate: 0.07%

-- Flow 1:

Average throughput: 7.47 Mbit/s

95th percentile per-packet one-way delay: 62.054 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 7.03 Mbit/s

95th percentile per-packet one-way delay: 63.638 ms

Loss rate: 0.05%

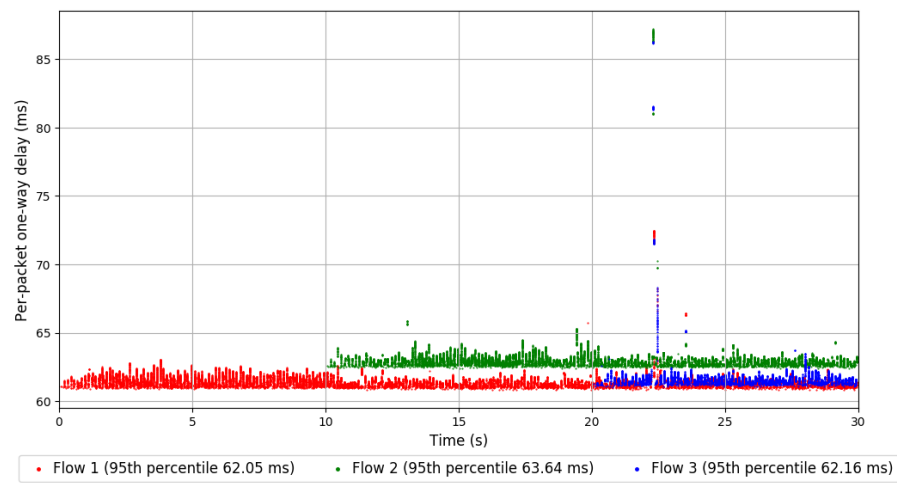
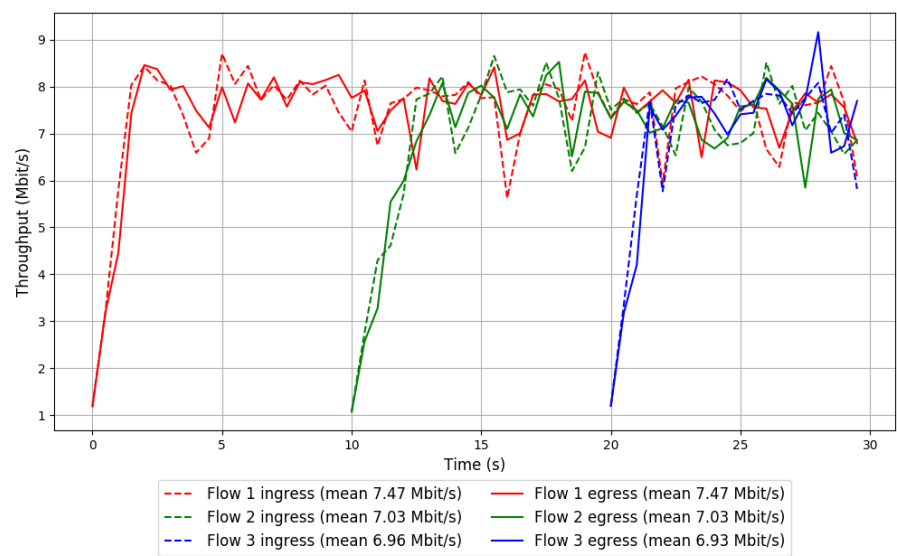
-- Flow 3:

Average throughput: 6.93 Mbit/s

95th percentile per-packet one-way delay: 62.164 ms

Loss rate: 0.35%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: Sun, 09 Jul 2017 20:53:52 +0000

End at: Sun, 09 Jul 2017 20:54:22 +0000

Local clock offset: 0.259 ms

Remote clock offset: -4.012 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:44:14 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 13.82 Mbit/s

95th percentile per-packet one-way delay: 63.545 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 7.13 Mbit/s

95th percentile per-packet one-way delay: 61.855 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 6.81 Mbit/s

95th percentile per-packet one-way delay: 63.900 ms

Loss rate: 0.06%

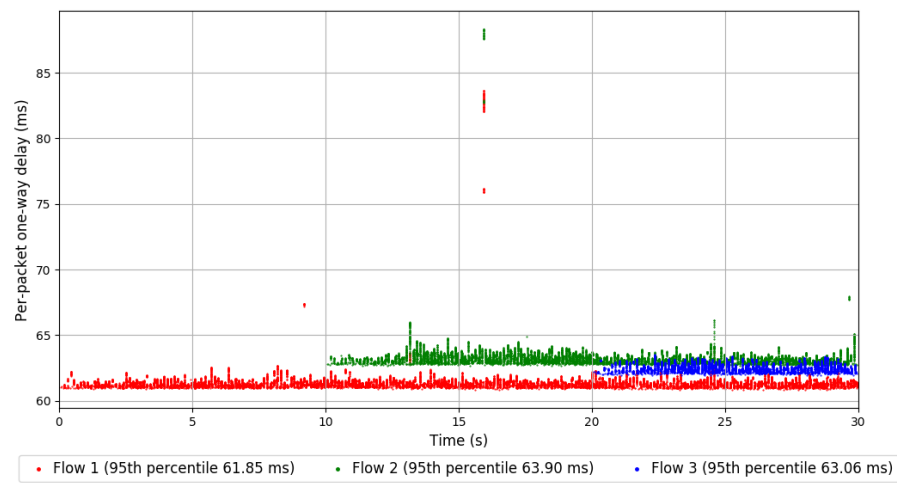
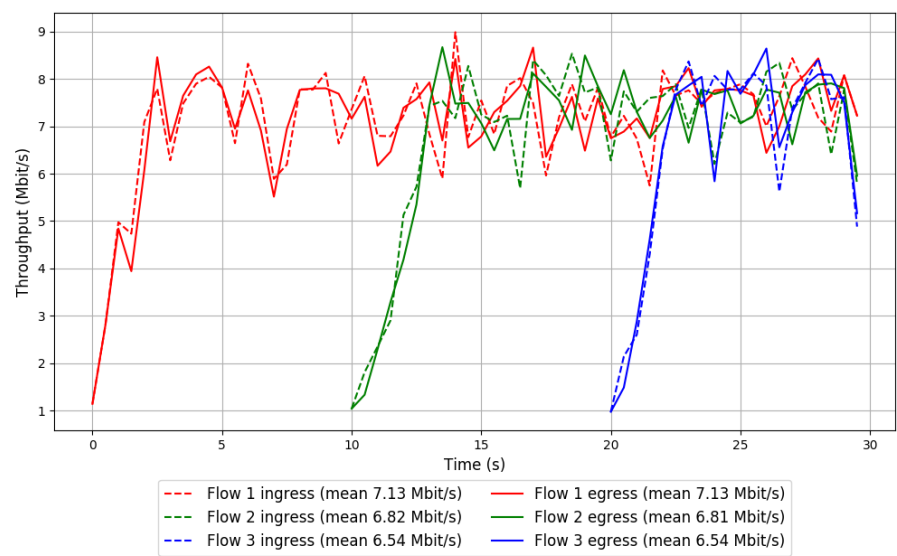
-- Flow 3:

Average throughput: 6.54 Mbit/s

95th percentile per-packet one-way delay: 63.059 ms

Loss rate: 0.00%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: Sun, 09 Jul 2017 21:12:43 +0000

End at: Sun, 09 Jul 2017 21:13:13 +0000

Local clock offset: 0.266 ms

Remote clock offset: -4.106 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:44:15 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 14.23 Mbit/s

95th percentile per-packet one-way delay: 63.181 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 7.14 Mbit/s

95th percentile per-packet one-way delay: 63.276 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 7.18 Mbit/s

95th percentile per-packet one-way delay: 63.053 ms

Loss rate: 0.00%

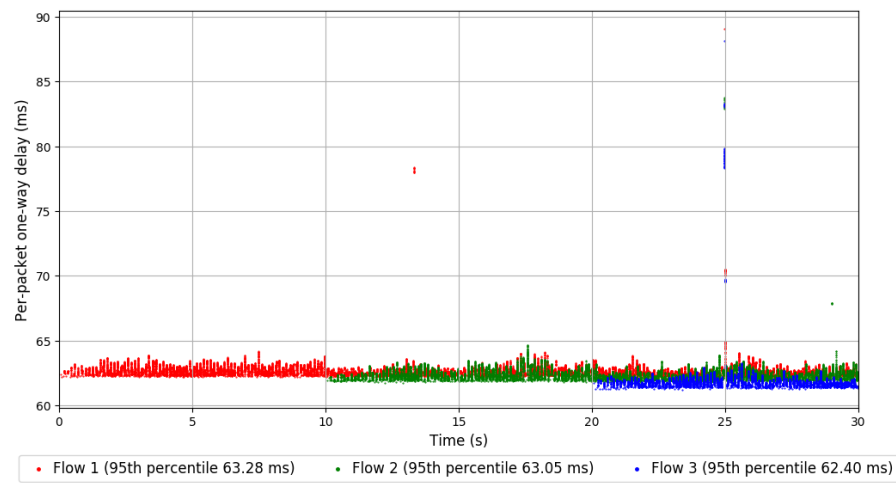
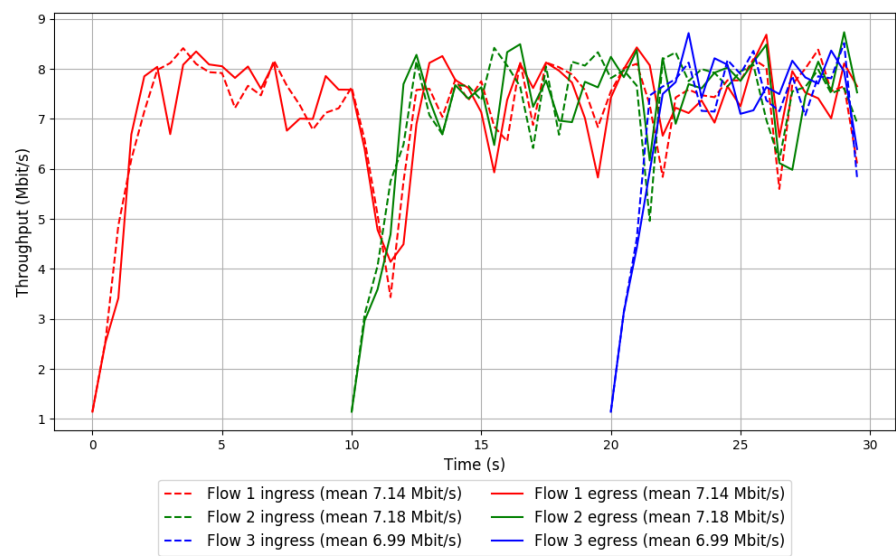
-- Flow 3:

Average throughput: 6.99 Mbit/s

95th percentile per-packet one-way delay: 62.401 ms

Loss rate: 0.00%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

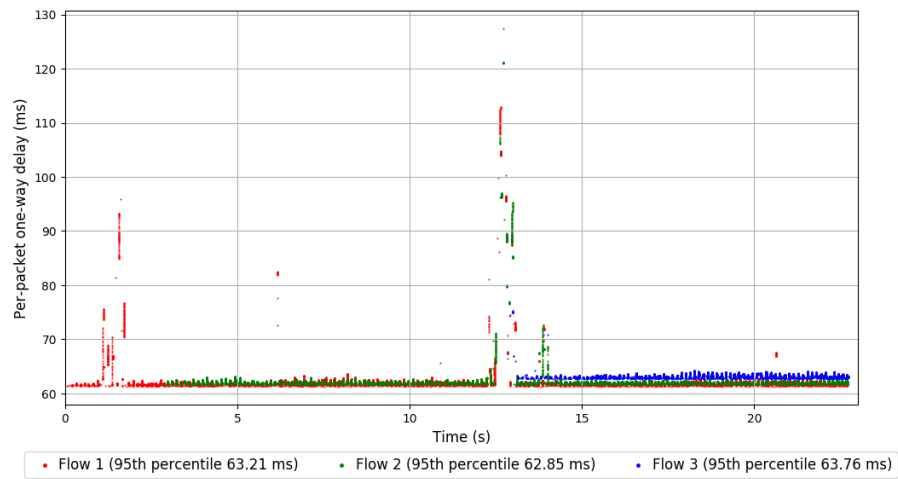
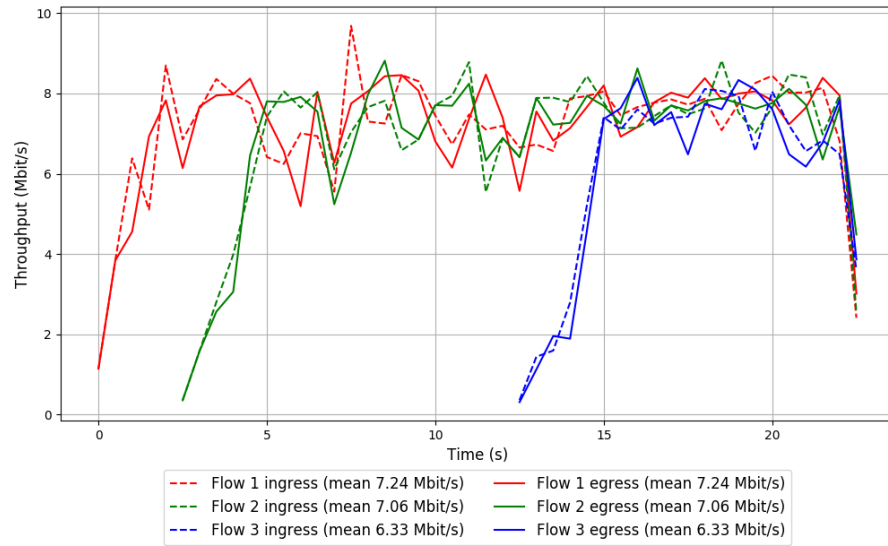
Start at: Sun, 09 Jul 2017 21:31:25 +0000

End at: Sun, 09 Jul 2017 21:31:55 +0000

Local clock offset: 0.306 ms

Remote clock offset: -4.444 ms

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

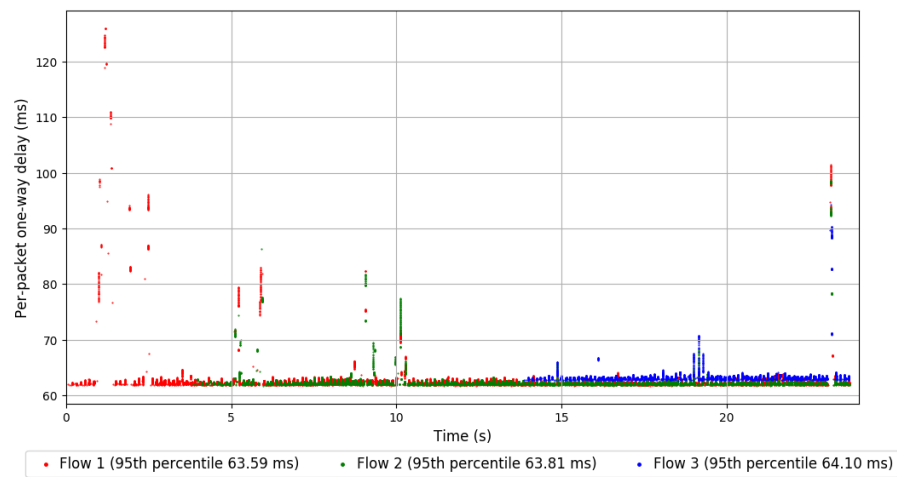
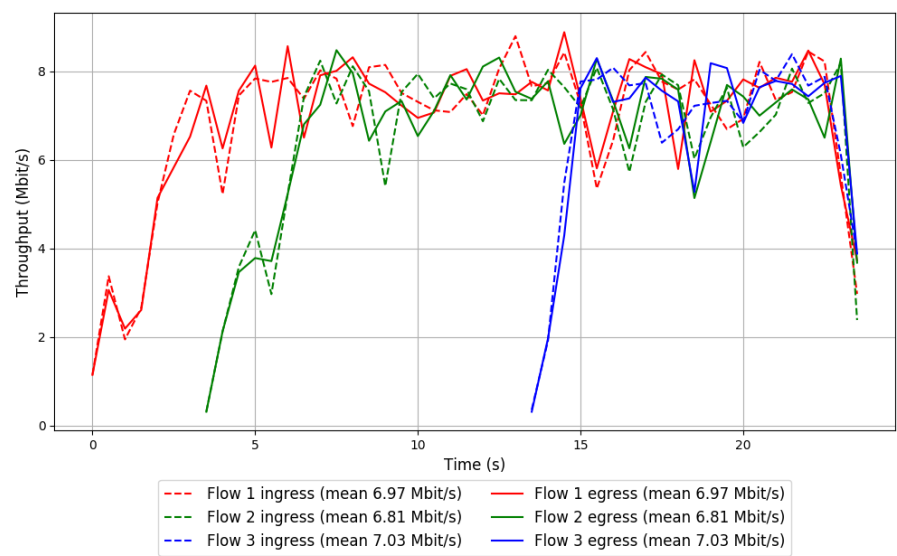
Start at: Sun, 09 Jul 2017 21:49:57 +0000

End at: Sun, 09 Jul 2017 21:50:27 +0000

Local clock offset: 0.434 ms

Remote clock offset: -4.848 ms

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

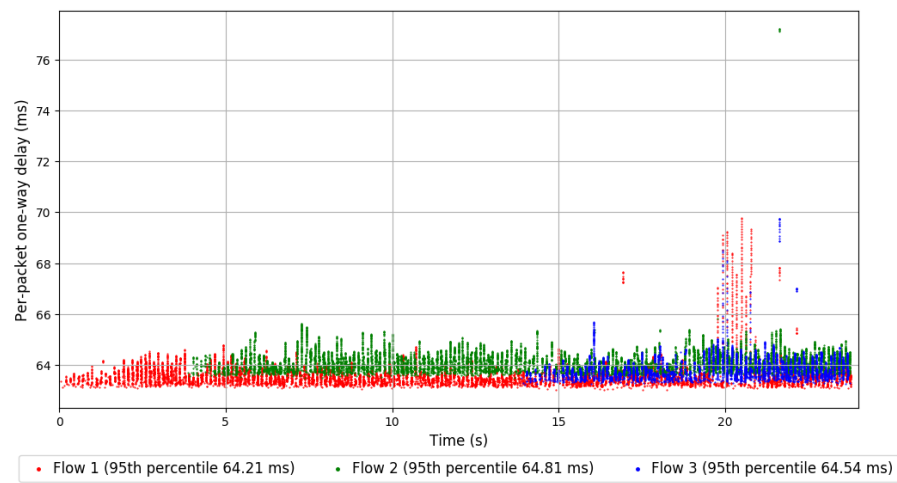
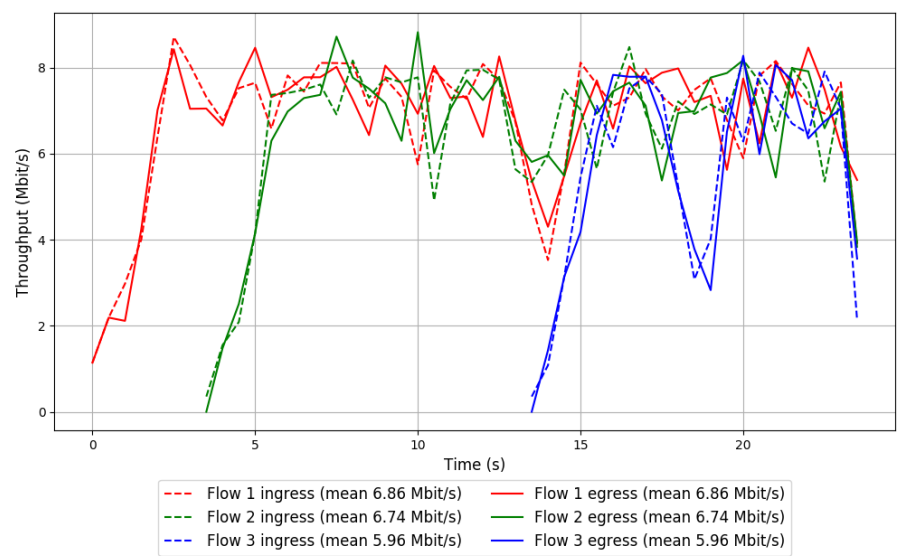
Start at: Sun, 09 Jul 2017 22:08:37 +0000

End at: Sun, 09 Jul 2017 22:09:07 +0000

Local clock offset: 0.452 ms

Remote clock offset: -4.456 ms

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: Sun, 09 Jul 2017 22:27:02 +0000

End at: Sun, 09 Jul 2017 22:27:32 +0000

Local clock offset: 0.479 ms

Remote clock offset: -4.546 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:44:21 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 13.90 Mbit/s

95th percentile per-packet one-way delay: 63.503 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 7.00 Mbit/s

95th percentile per-packet one-way delay: 63.569 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 7.16 Mbit/s

95th percentile per-packet one-way delay: 63.480 ms

Loss rate: 0.00%

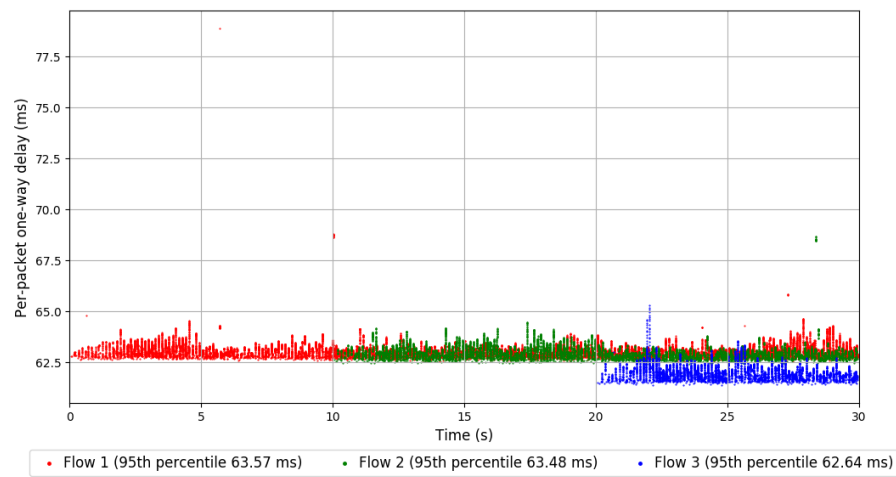
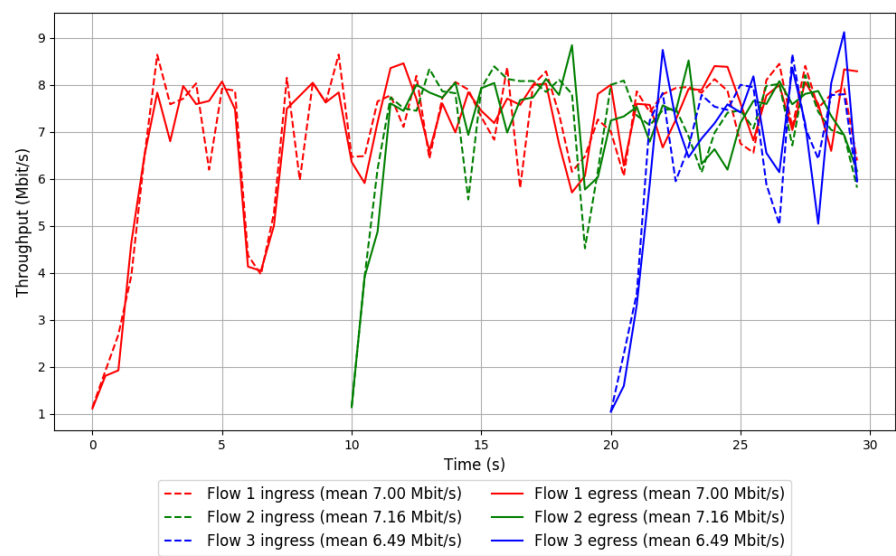
-- Flow 3:

Average throughput: 6.49 Mbit/s

95th percentile per-packet one-way delay: 62.643 ms

Loss rate: 0.00%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: Sun, 09 Jul 2017 22:45:44 +0000

End at: Sun, 09 Jul 2017 22:46:14 +0000

Local clock offset: 0.51 ms

Remote clock offset: -4.457 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:44:23 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 13.51 Mbit/s

95th percentile per-packet one-way delay: 68.060 ms

Loss rate: 0.08%

-- Flow 1:

Average throughput: 6.93 Mbit/s

95th percentile per-packet one-way delay: 64.900 ms

Loss rate: 0.11%

-- Flow 2:

Average throughput: 6.72 Mbit/s

95th percentile per-packet one-way delay: 68.393 ms

Loss rate: 0.05%

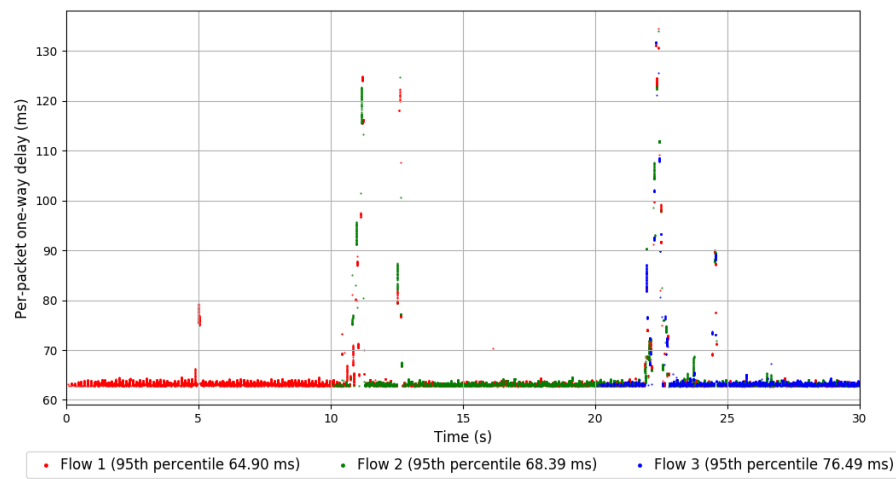
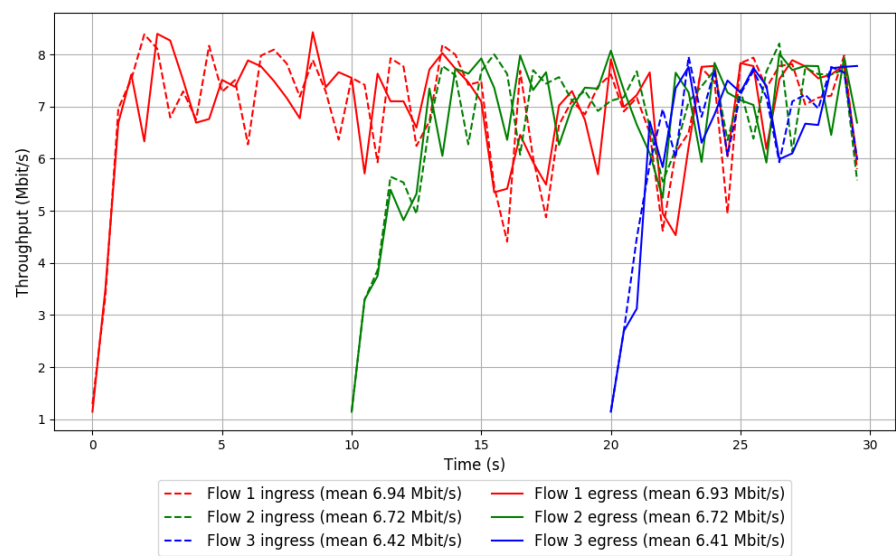
-- Flow 3:

Average throughput: 6.41 Mbit/s

95th percentile per-packet one-way delay: 76.488 ms

Loss rate: 0.04%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

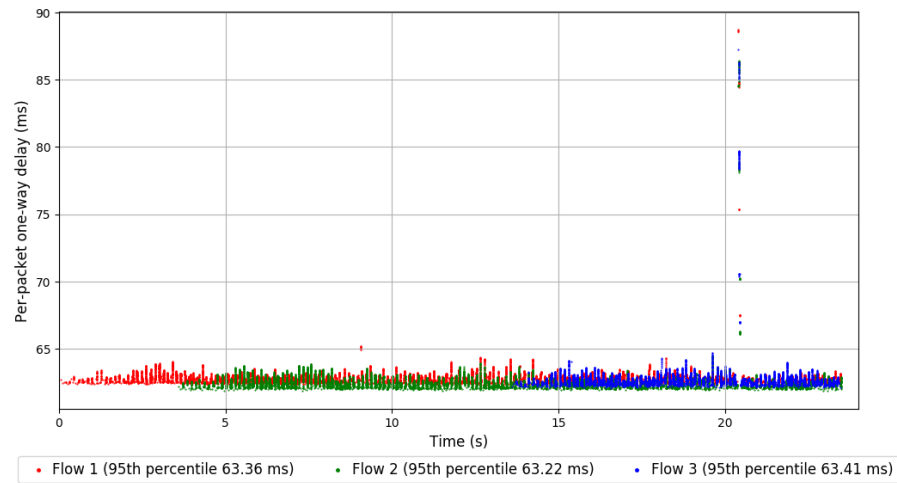
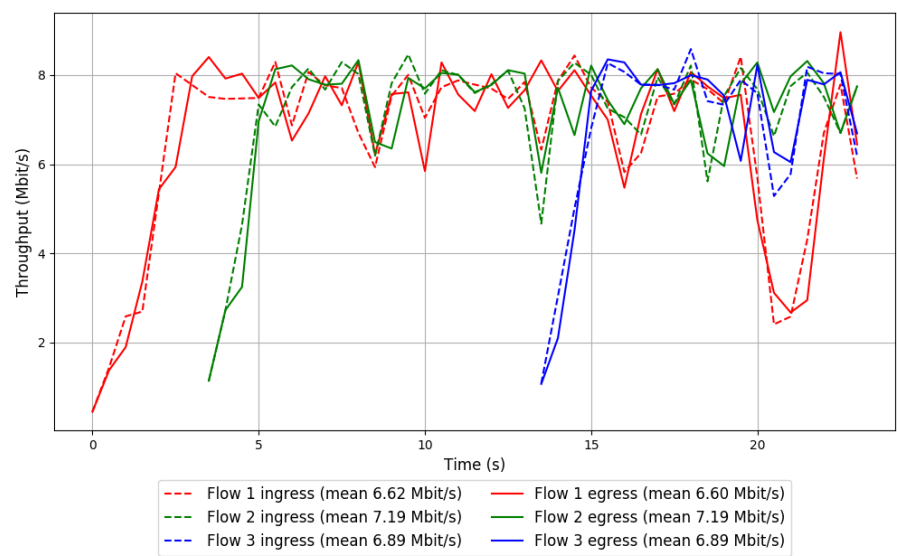
Start at: Sun, 09 Jul 2017 23:04:11 +0000

End at: Sun, 09 Jul 2017 23:04:41 +0000

Local clock offset: 0.437 ms

Remote clock offset: -4.454 ms

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Sun, 09 Jul 2017 20:19:06 +0000

End at: Sun, 09 Jul 2017 20:19:36 +0000

Local clock offset: 0.26 ms

Remote clock offset: -3.8 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:44:41 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 69.17 Mbit/s

95th percentile per-packet one-way delay: 120.021 ms

Loss rate: 0.15%

-- Flow 1:

Average throughput: 35.96 Mbit/s

95th percentile per-packet one-way delay: 114.722 ms

Loss rate: 0.26%

-- Flow 2:

Average throughput: 32.84 Mbit/s

95th percentile per-packet one-way delay: 118.932 ms

Loss rate: 0.03%

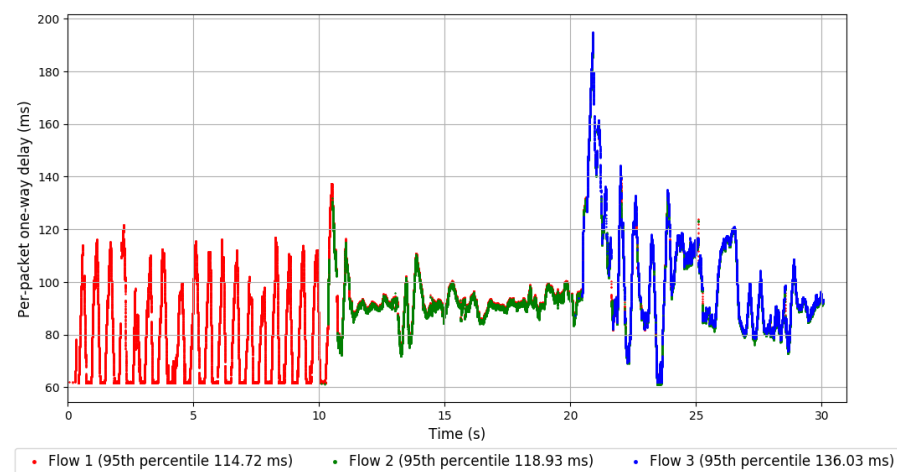
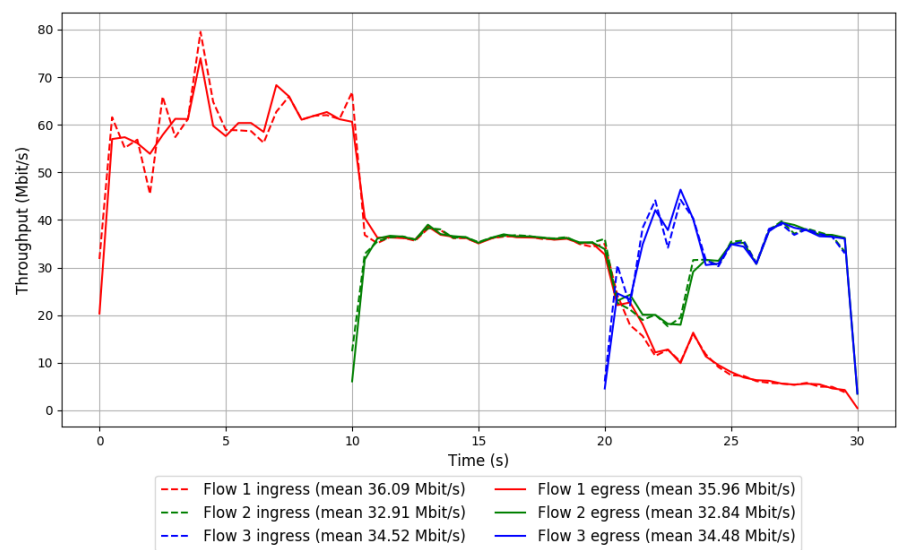
-- Flow 3:

Average throughput: 34.48 Mbit/s

95th percentile per-packet one-way delay: 136.029 ms

Loss rate: 0.04%

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



Run 2: Statistics of TaoVA-100x

Start at: Sun, 09 Jul 2017 20:37:48 +0000

End at: Sun, 09 Jul 2017 20:38:18 +0000

Local clock offset: 0.299 ms

Remote clock offset: -3.837 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:44:41 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 69.50 Mbit/s

95th percentile per-packet one-way delay: 145.860 ms

Loss rate: 1.26%

-- Flow 1:

Average throughput: 40.22 Mbit/s

95th percentile per-packet one-way delay: 143.185 ms

Loss rate: 1.11%

-- Flow 2:

Average throughput: 29.23 Mbit/s

95th percentile per-packet one-way delay: 147.050 ms

Loss rate: 2.06%

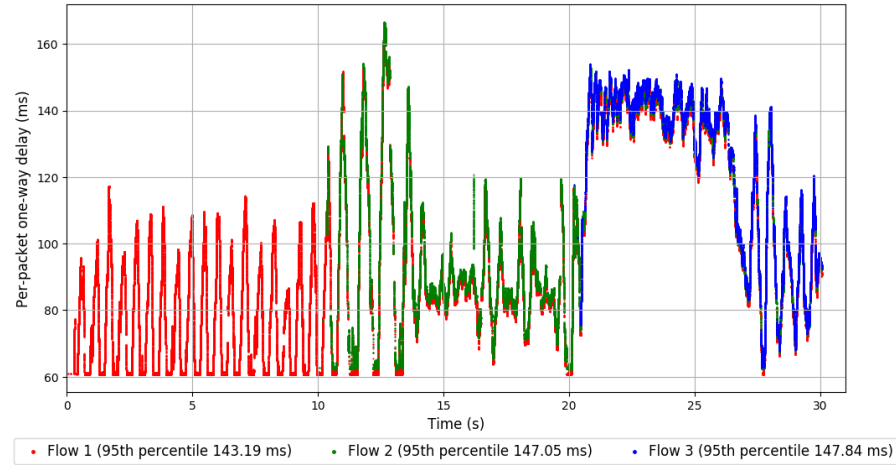
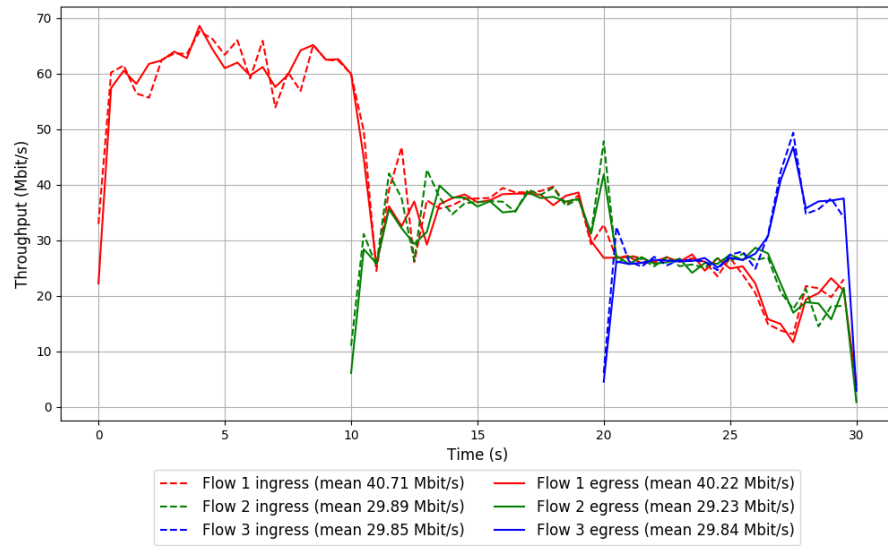
-- Flow 3:

Average throughput: 29.84 Mbit/s

95th percentile per-packet one-way delay: 147.840 ms

Loss rate: 0.31%

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



Run 3: Statistics of TaoVA-100x

Start at: Sun, 09 Jul 2017 20:56:25 +0000

End at: Sun, 09 Jul 2017 20:56:55 +0000

Local clock offset: 0.271 ms

Remote clock offset: -4.137 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:44:49 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 45.76 Mbit/s

95th percentile per-packet one-way delay: 120.516 ms

Loss rate: 4.44%

-- Flow 1:

Average throughput: 28.03 Mbit/s

95th percentile per-packet one-way delay: 116.370 ms

Loss rate: 3.96%

-- Flow 2:

Average throughput: 13.77 Mbit/s

95th percentile per-packet one-way delay: 126.505 ms

Loss rate: 5.50%

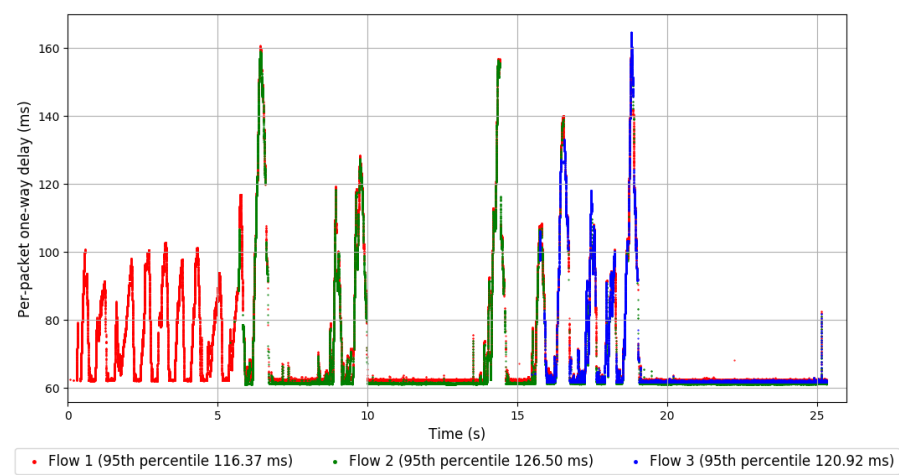
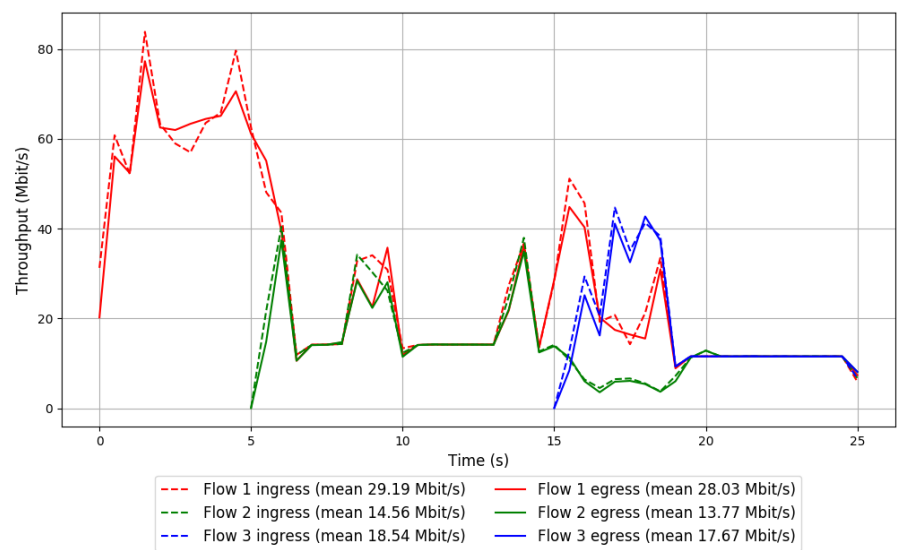
-- Flow 3:

Average throughput: 17.67 Mbit/s

95th percentile per-packet one-way delay: 120.916 ms

Loss rate: 4.70%

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



Run 4: Statistics of TaoVA-100x

Start at: Sun, 09 Jul 2017 21:15:17 +0000

End at: Sun, 09 Jul 2017 21:15:47 +0000

Local clock offset: 0.274 ms

Remote clock offset: -4.138 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:44:55 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 55.82 Mbit/s

95th percentile per-packet one-way delay: 128.120 ms

Loss rate: 2.27%

-- Flow 1:

Average throughput: 34.92 Mbit/s

95th percentile per-packet one-way delay: 122.556 ms

Loss rate: 1.62%

-- Flow 2:

Average throughput: 12.31 Mbit/s

95th percentile per-packet one-way delay: 141.020 ms

Loss rate: 3.25%

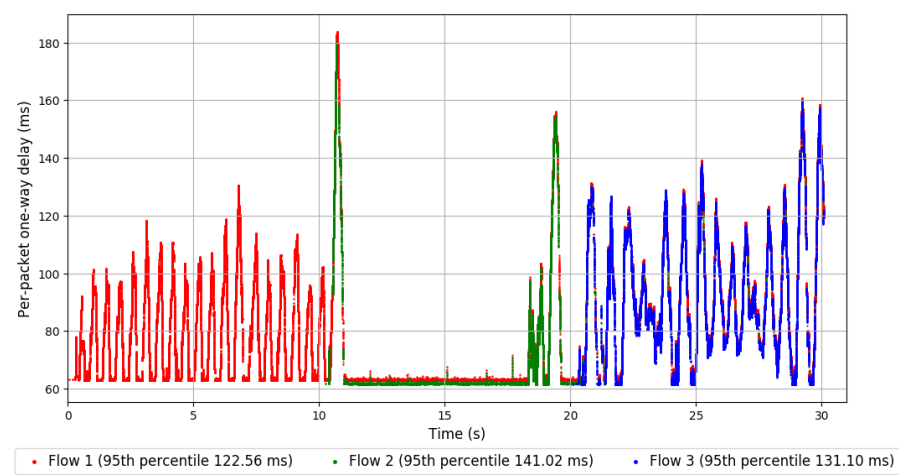
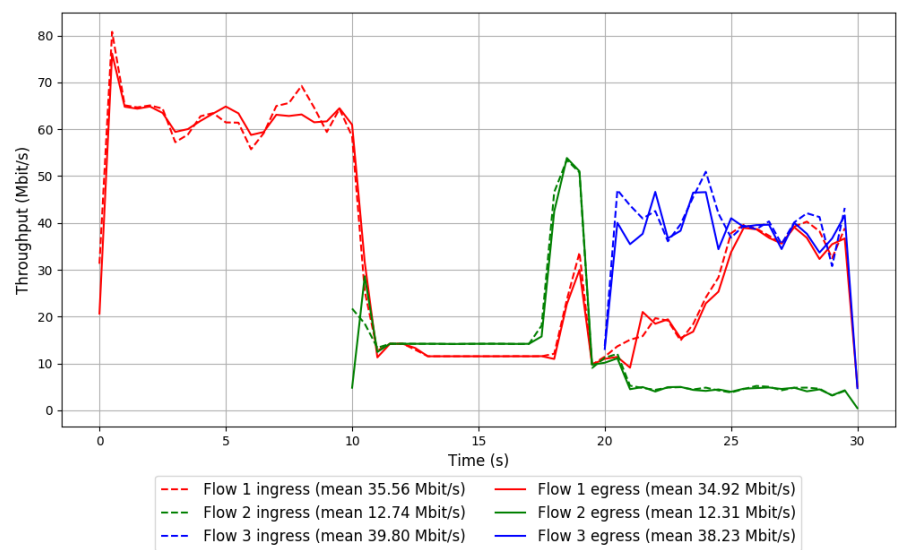
-- Flow 3:

Average throughput: 38.23 Mbit/s

95th percentile per-packet one-way delay: 131.097 ms

Loss rate: 3.41%

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



Run 5: Statistics of TaoVA-100x

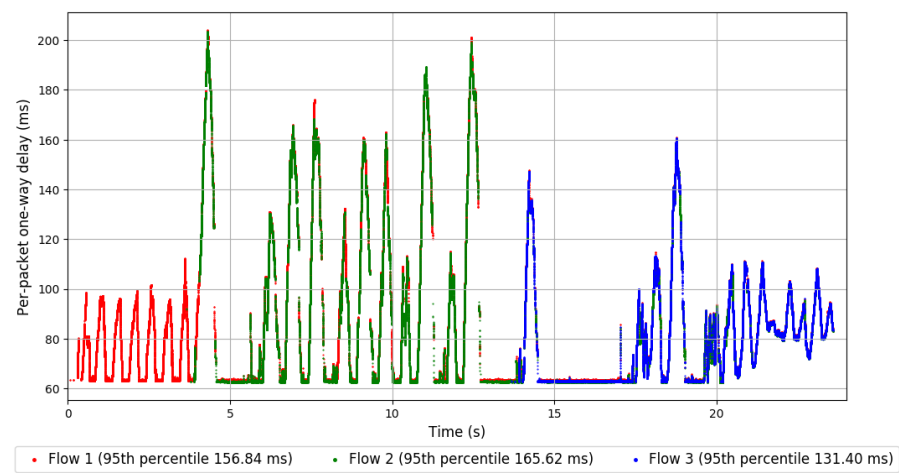
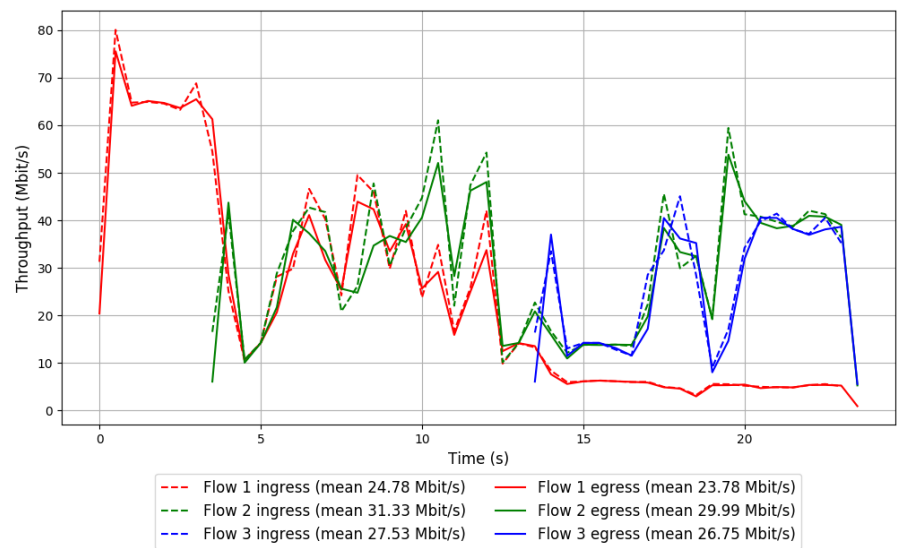
Start at: Sun, 09 Jul 2017 21:33:56 +0000

End at: Sun, 09 Jul 2017 21:34:26 +0000

Local clock offset: 0.338 ms

Remote clock offset: -3.946 ms

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



Run 6: Statistics of TaoVA-100x

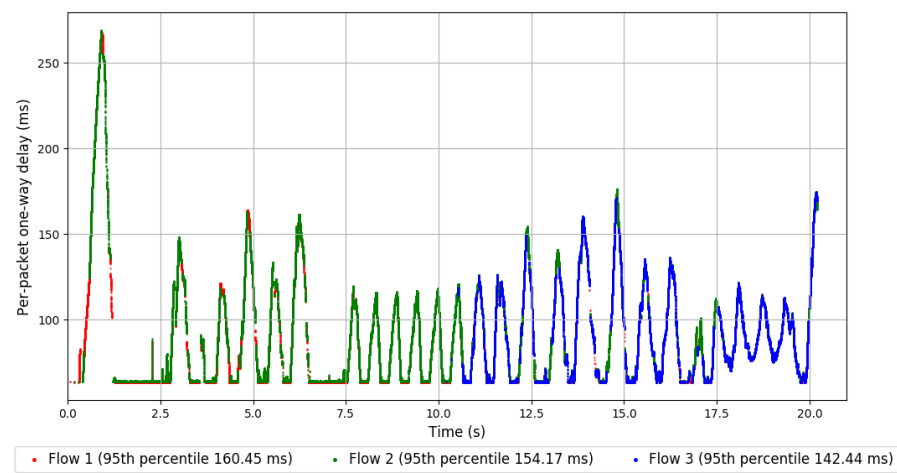
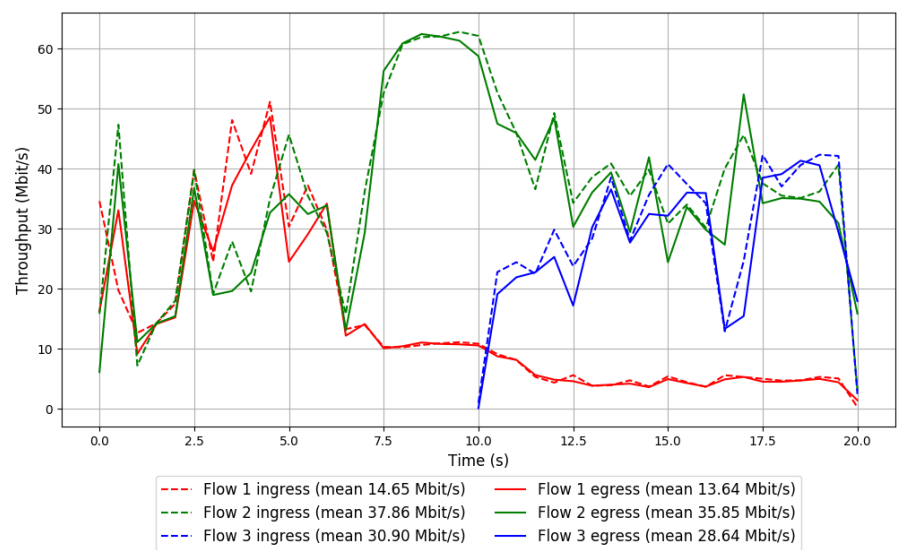
Start at: Sun, 09 Jul 2017 21:52:25 +0000

End at: Sun, 09 Jul 2017 21:52:55 +0000

Local clock offset: 0.361 ms

Remote clock offset: -4.827 ms

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



Run 7: Statistics of TaoVA-100x

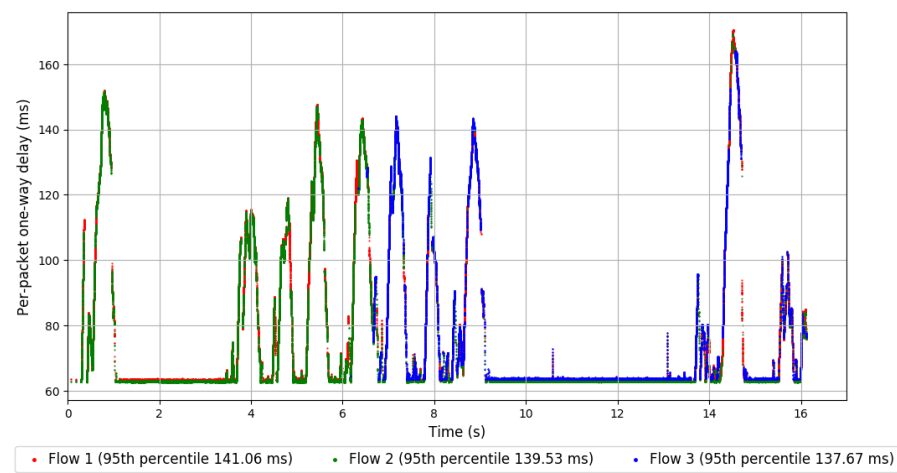
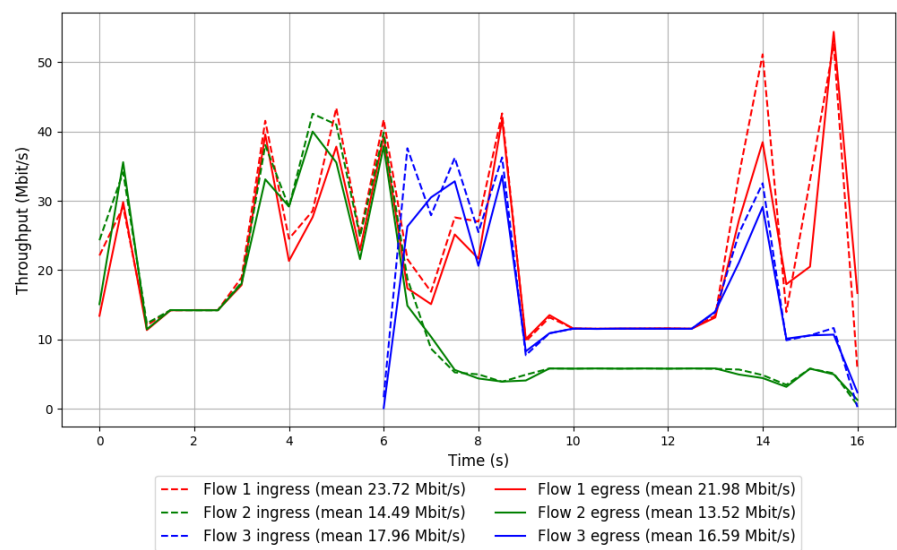
Start at: Sun, 09 Jul 2017 22:11:01 +0000

End at: Sun, 09 Jul 2017 22:11:31 +0000

Local clock offset: 0.488 ms

Remote clock offset: -4.909 ms

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



Run 8: Statistics of TaoVA-100x

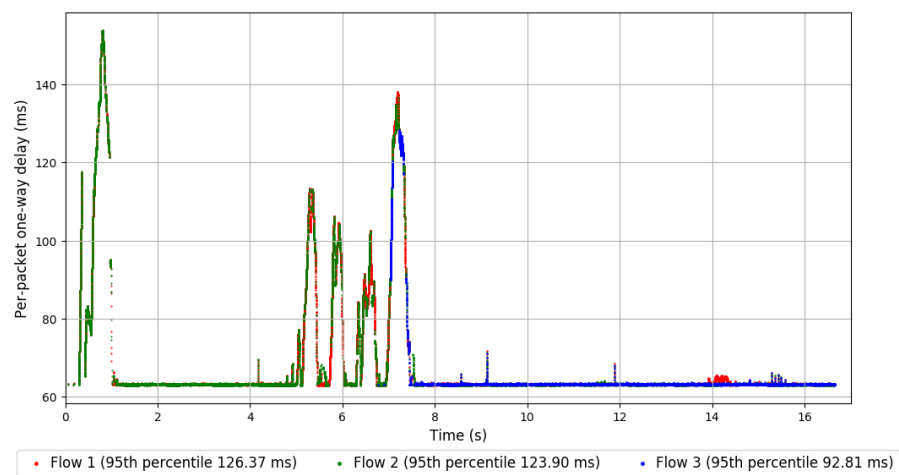
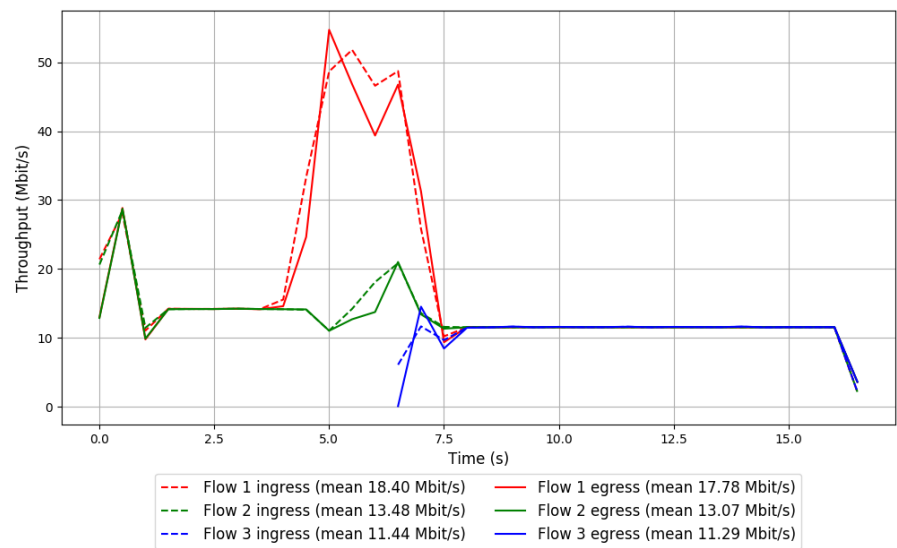
Start at: Sun, 09 Jul 2017 22:29:27 +0000

End at: Sun, 09 Jul 2017 22:29:57 +0000

Local clock offset: 0.523 ms

Remote clock offset: -4.663 ms

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



Run 9: Statistics of TaoVA-100x

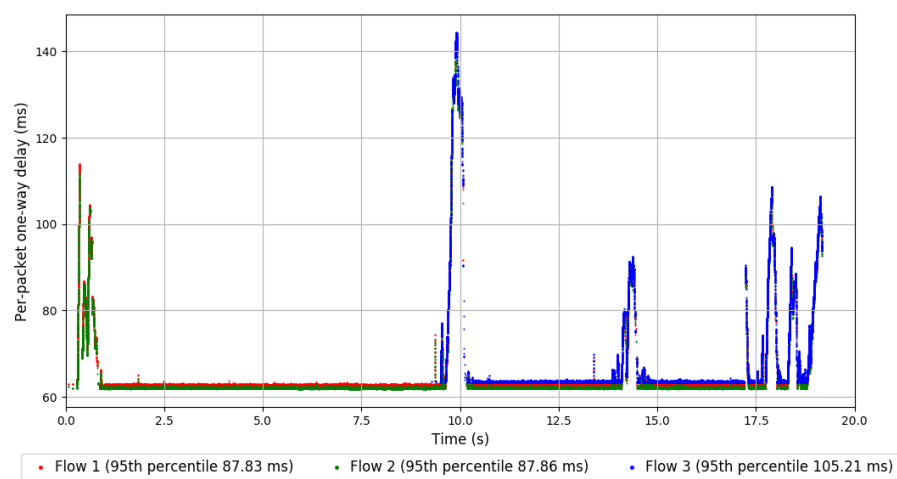
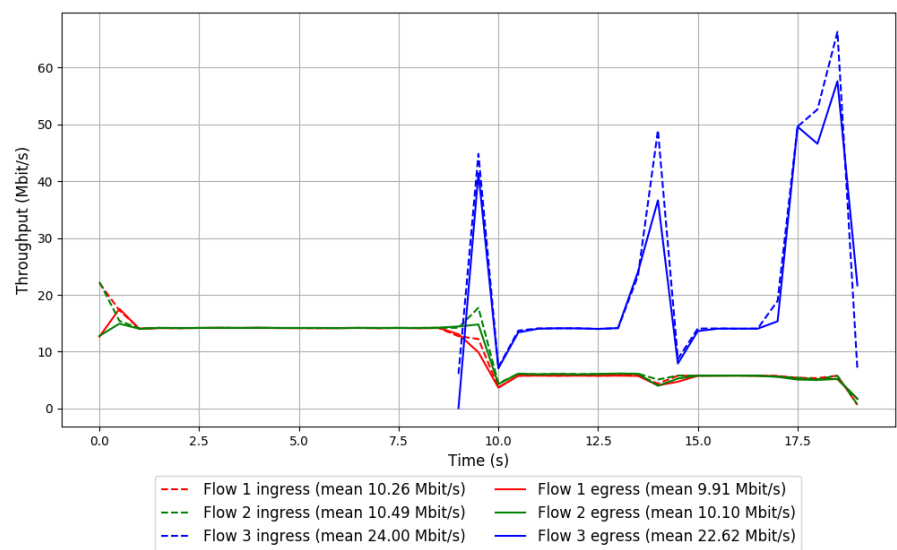
Start at: Sun, 09 Jul 2017 22:48:10 +0000

End at: Sun, 09 Jul 2017 22:48:40 +0000

Local clock offset: 0.497 ms

Remote clock offset: -4.461 ms

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



Run 10: Statistics of TaoVA-100x

Start at: Sun, 09 Jul 2017 23:06:43 +0000

End at: Sun, 09 Jul 2017 23:07:13 +0000

Local clock offset: 0.472 ms

Remote clock offset: -4.685 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:45:23 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 45.79 Mbit/s

95th percentile per-packet one-way delay: 115.416 ms

Loss rate: 5.62%

-- Flow 1:

Average throughput: 32.61 Mbit/s

95th percentile per-packet one-way delay: 106.424 ms

Loss rate: 5.43%

-- Flow 2:

Average throughput: 11.62 Mbit/s

95th percentile per-packet one-way delay: 125.864 ms

Loss rate: 5.63%

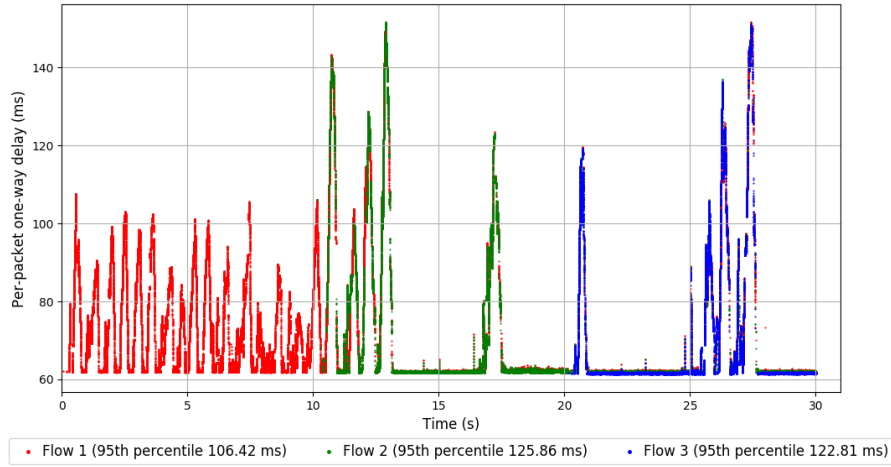
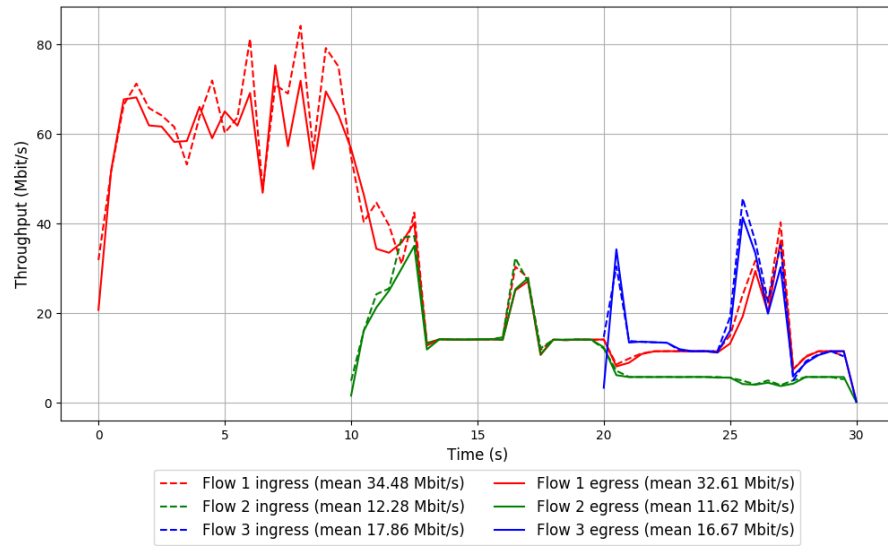
-- Flow 3:

Average throughput: 16.67 Mbit/s

95th percentile per-packet one-way delay: 122.806 ms

Loss rate: 6.68%

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



Run 1: Statistics of TCP Vegas

Start at: Sun, 09 Jul 2017 20:08:03 +0000

End at: Sun, 09 Jul 2017 20:08:33 +0000

Local clock offset: 0.242 ms

Remote clock offset: -3.982 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:45:28 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 80.42 Mbit/s

95th percentile per-packet one-way delay: 336.033 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 71.68 Mbit/s

95th percentile per-packet one-way delay: 336.775 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 10.76 Mbit/s

95th percentile per-packet one-way delay: 306.898 ms

Loss rate: 0.00%

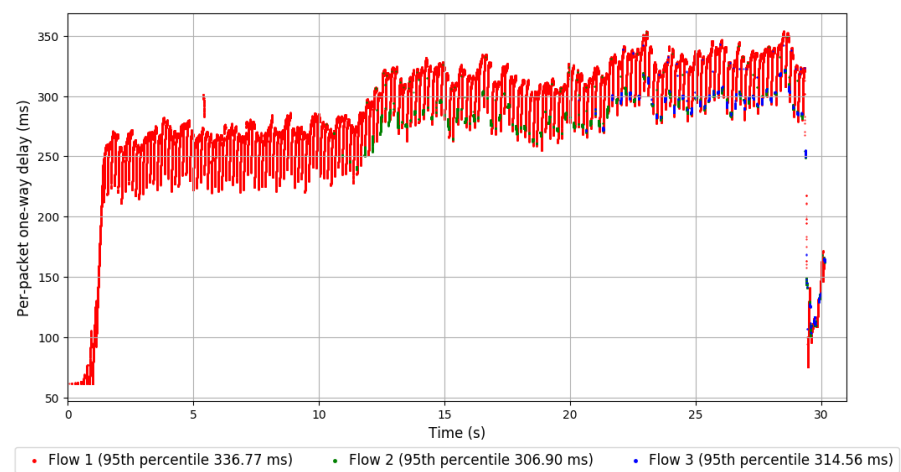
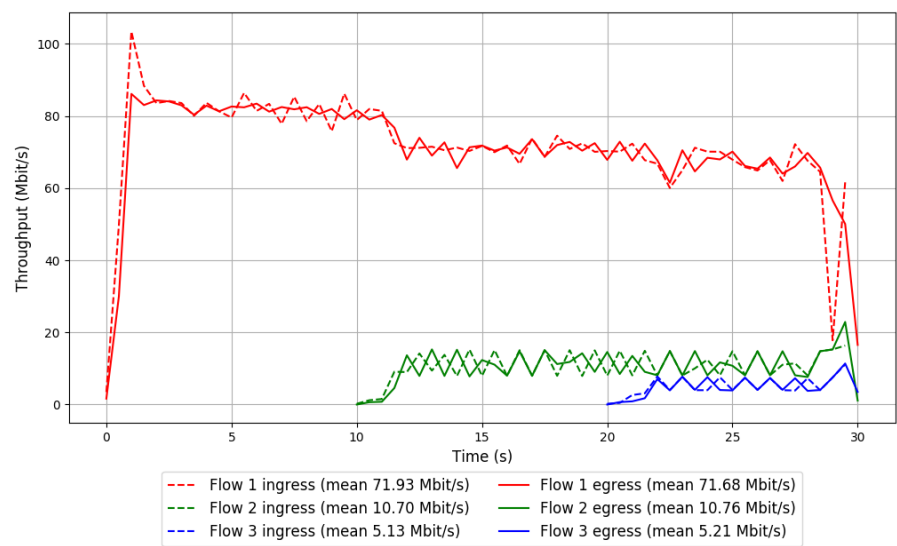
-- Flow 3:

Average throughput: 5.21 Mbit/s

95th percentile per-packet one-way delay: 314.563 ms

Loss rate: 0.02%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: Sun, 09 Jul 2017 20:26:50 +0000

End at: Sun, 09 Jul 2017 20:27:20 +0000

Local clock offset: 0.319 ms

Remote clock offset: -3.646 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:45:33 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 62.93 Mbit/s

95th percentile per-packet one-way delay: 254.774 ms

Loss rate: 0.46%

-- Flow 1:

Average throughput: 25.57 Mbit/s

95th percentile per-packet one-way delay: 155.454 ms

Loss rate: 0.42%

-- Flow 2:

Average throughput: 29.26 Mbit/s

95th percentile per-packet one-way delay: 313.462 ms

Loss rate: 0.52%

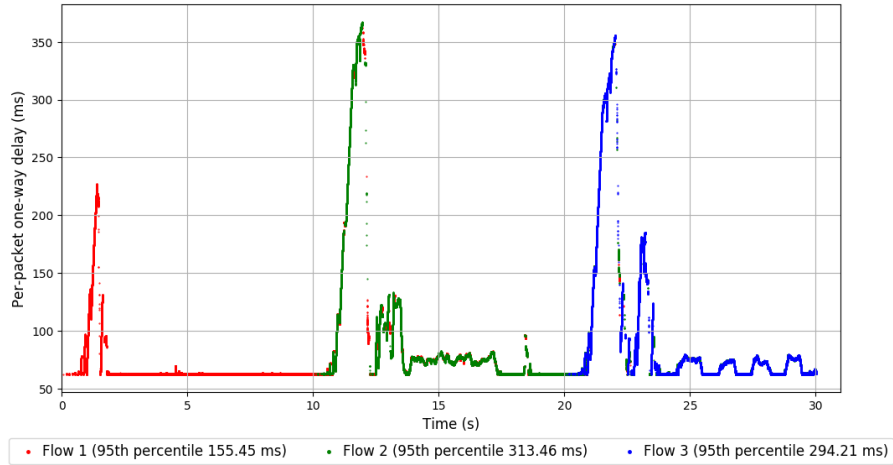
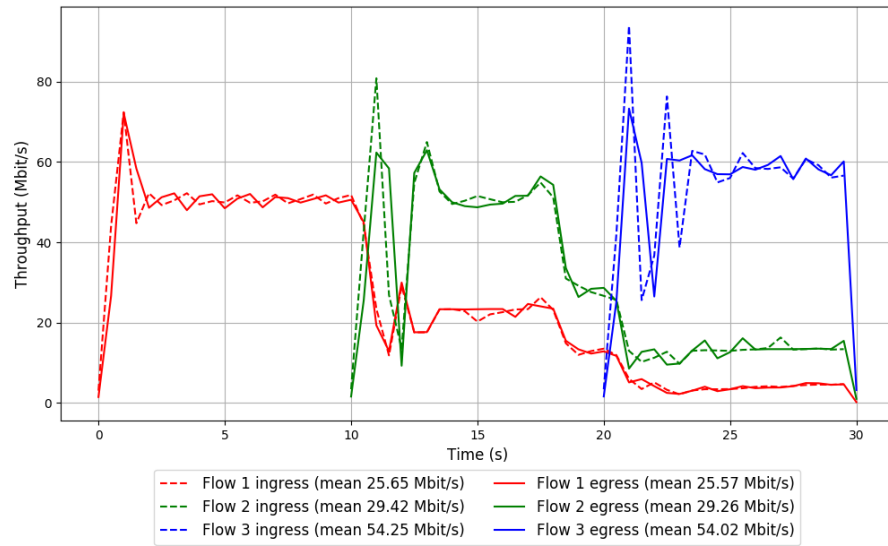
-- Flow 3:

Average throughput: 54.02 Mbit/s

95th percentile per-packet one-way delay: 294.215 ms

Loss rate: 0.43%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: Sun, 09 Jul 2017 20:45:24 +0000

End at: Sun, 09 Jul 2017 20:45:54 +0000

Local clock offset: 0.19 ms

Remote clock offset: -4.252 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:45:38 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 73.08 Mbit/s

95th percentile per-packet one-way delay: 294.296 ms

Loss rate: 0.33%

-- Flow 1:

Average throughput: 35.86 Mbit/s

95th percentile per-packet one-way delay: 289.665 ms

Loss rate: 0.53%

-- Flow 2:

Average throughput: 50.75 Mbit/s

95th percentile per-packet one-way delay: 376.722 ms

Loss rate: 0.15%

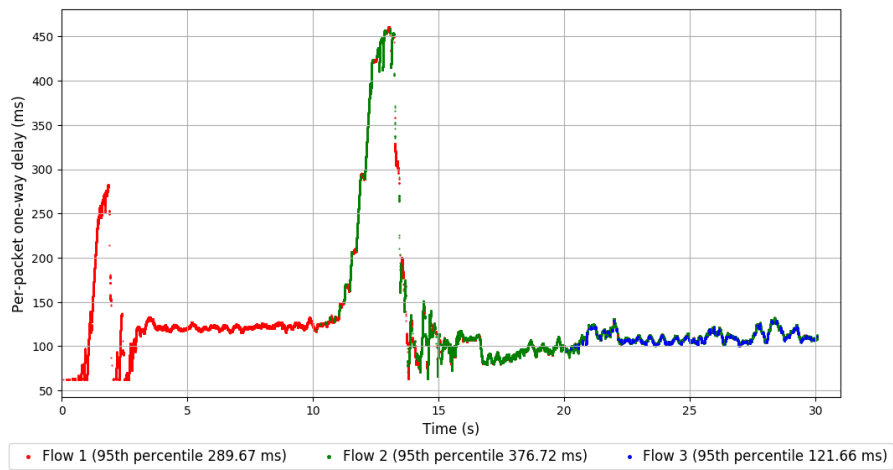
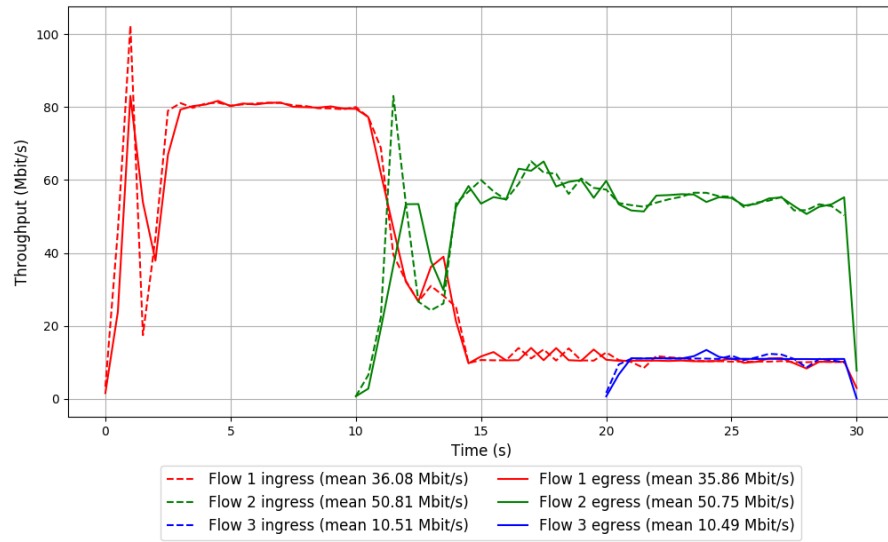
-- Flow 3:

Average throughput: 10.49 Mbit/s

95th percentile per-packet one-way delay: 121.664 ms

Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: Sun, 09 Jul 2017 21:04:09 +0000

End at: Sun, 09 Jul 2017 21:04:39 +0000

Local clock offset: 0.277 ms

Remote clock offset: -4.15 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:45:45 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 78.89 Mbit/s

95th percentile per-packet one-way delay: 209.392 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 51.63 Mbit/s

95th percentile per-packet one-way delay: 209.539 ms

Loss rate: 0.06%

-- Flow 2:

Average throughput: 30.37 Mbit/s

95th percentile per-packet one-way delay: 208.640 ms

Loss rate: 0.00%

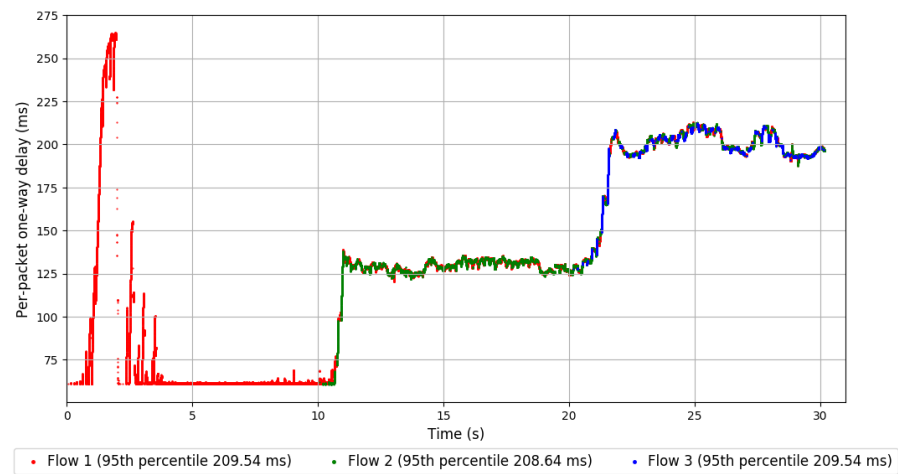
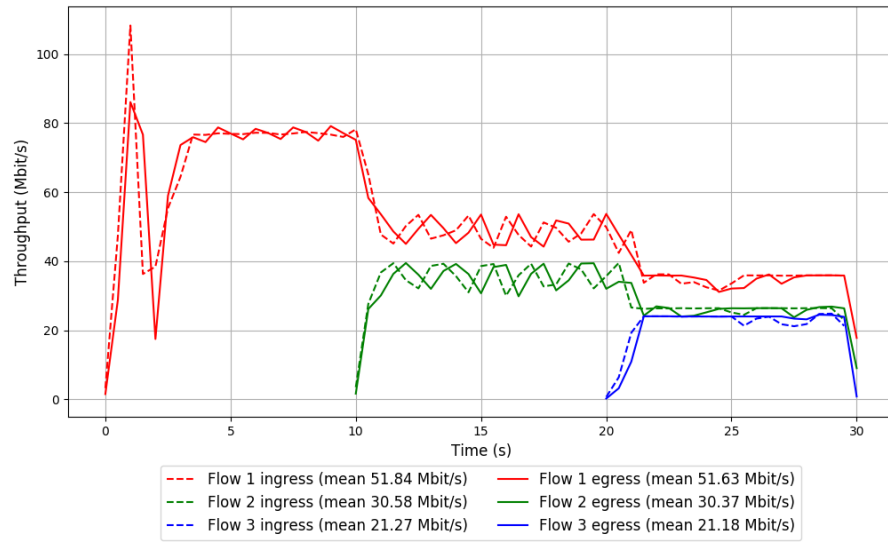
-- Flow 3:

Average throughput: 21.18 Mbit/s

95th percentile per-packet one-way delay: 209.544 ms

Loss rate: 0.01%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: Sun, 09 Jul 2017 21:22:53 +0000

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

Local clock offset: 0.289 ms

Remote clock offset: -4.317 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:45:46 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 47.11 Mbit/s

95th percentile per-packet one-way delay: 285.040 ms

Loss rate: 1.29%

-- Flow 1:

Average throughput: 20.32 Mbit/s

95th percentile per-packet one-way delay: 254.494 ms

Loss rate: 1.13%

-- Flow 2:

Average throughput: 26.65 Mbit/s

95th percentile per-packet one-way delay: 309.167 ms

Loss rate: 1.37%

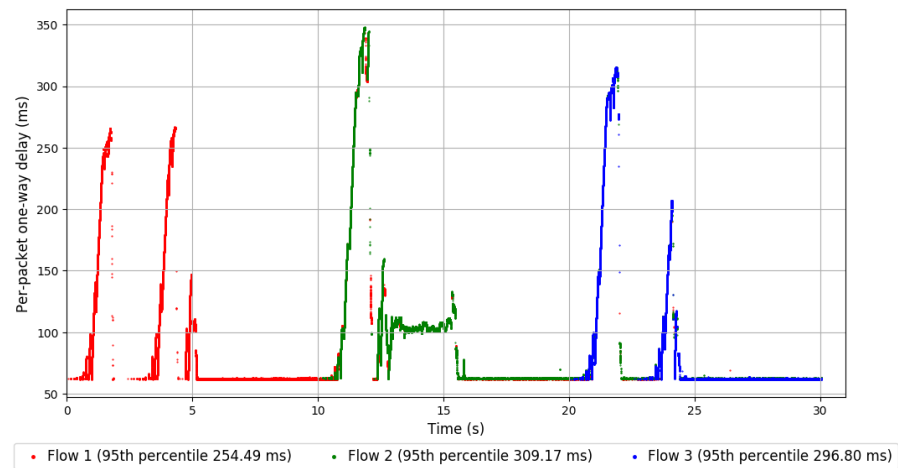
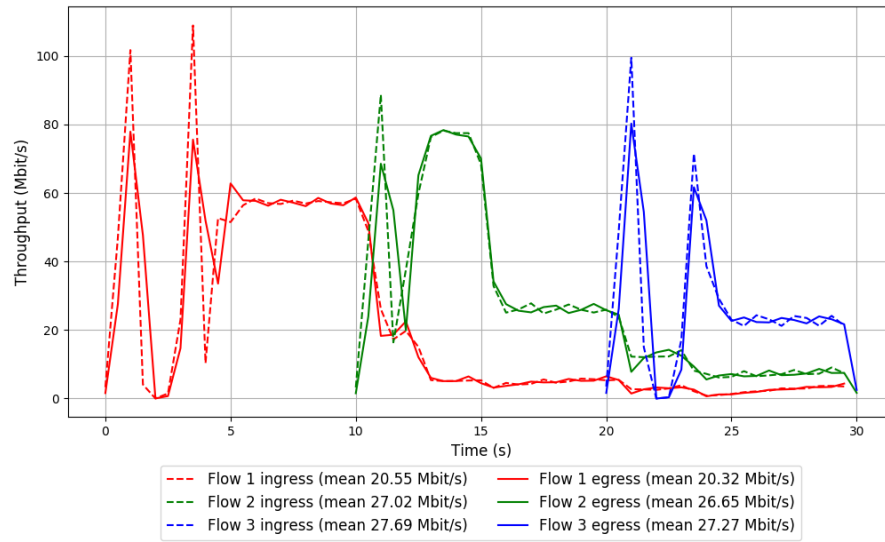
-- Flow 3:

Average throughput: 27.27 Mbit/s

95th percentile per-packet one-way delay: 296.801 ms

Loss rate: 1.50%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: Sun, 09 Jul 2017 21:41:30 +0000

End at: Sun, 09 Jul 2017 21:42:00 +0000

Local clock offset: 0.372 ms

Remote clock offset: -4.483 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:45:55 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 63.72 Mbit/s

95th percentile per-packet one-way delay: 189.218 ms

Loss rate: 0.54%

-- Flow 1:

Average throughput: 19.85 Mbit/s

95th percentile per-packet one-way delay: 224.305 ms

Loss rate: 0.62%

-- Flow 2:

Average throughput: 38.76 Mbit/s

95th percentile per-packet one-way delay: 223.056 ms

Loss rate: 0.85%

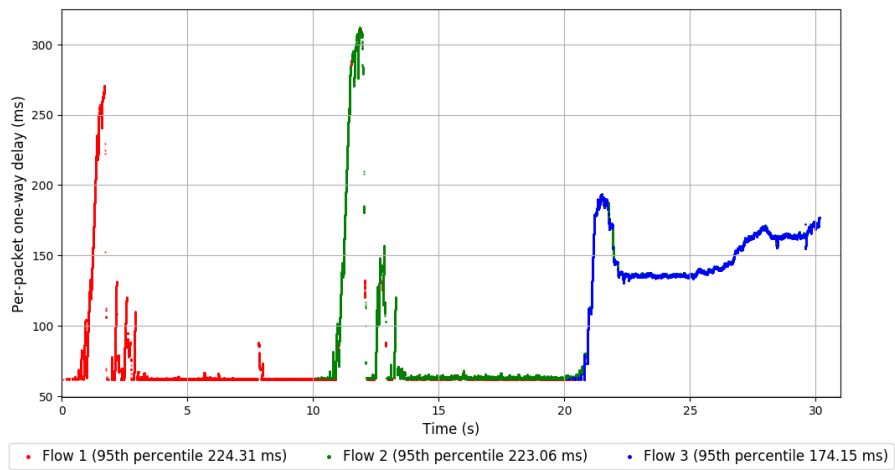
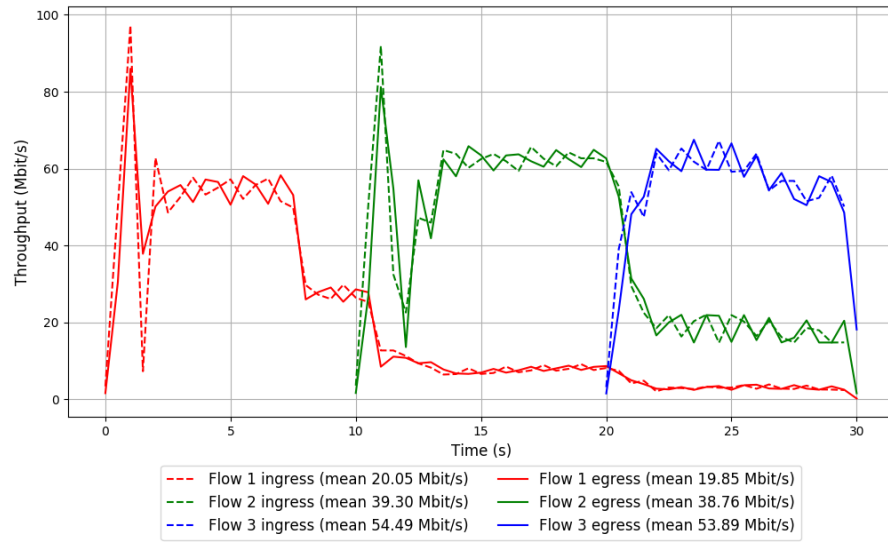
-- Flow 3:

Average throughput: 53.89 Mbit/s

95th percentile per-packet one-way delay: 174.152 ms

Loss rate: 0.00%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: Sun, 09 Jul 2017 22:00:04 +0000

End at: Sun, 09 Jul 2017 22:00:34 +0000

Local clock offset: 0.377 ms

Remote clock offset: -4.985 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:45:55 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 58.64 Mbit/s

95th percentile per-packet one-way delay: 229.765 ms

Loss rate: 0.22%

-- Flow 1:

Average throughput: 8.78 Mbit/s

95th percentile per-packet one-way delay: 217.100 ms

Loss rate: 0.37%

-- Flow 2:

Average throughput: 62.48 Mbit/s

95th percentile per-packet one-way delay: 230.021 ms

Loss rate: 0.23%

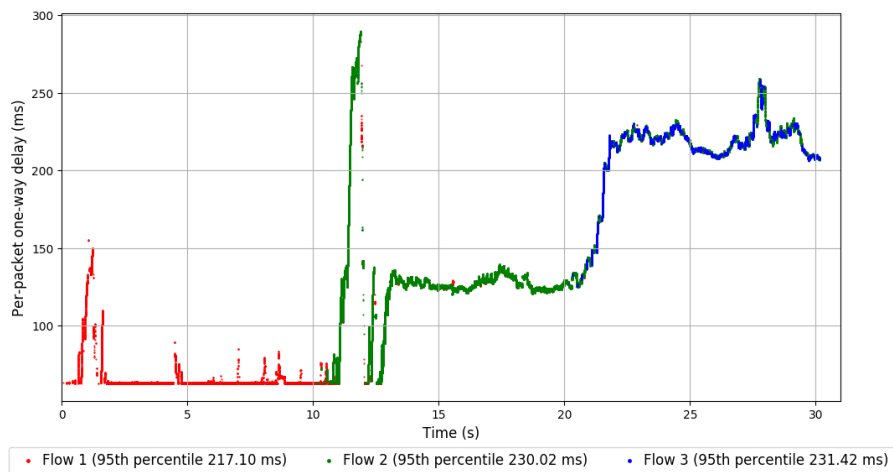
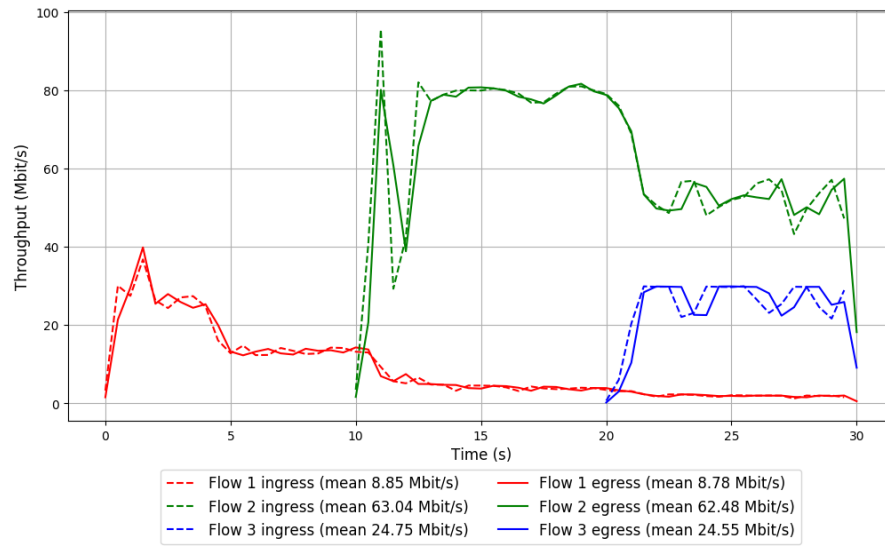
-- Flow 3:

Average throughput: 24.55 Mbit/s

95th percentile per-packet one-way delay: 231.421 ms

Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: Sun, 09 Jul 2017 22:18:29 +0000

End at: Sun, 09 Jul 2017 22:18:59 +0000

Local clock offset: 0.496 ms

Remote clock offset: -4.959 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:46:05 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 72.87 Mbit/s

95th percentile per-packet one-way delay: 160.451 ms

Loss rate: 0.12%

-- Flow 1:

Average throughput: 25.21 Mbit/s

95th percentile per-packet one-way delay: 226.422 ms

Loss rate: 0.15%

-- Flow 2:

Average throughput: 67.32 Mbit/s

95th percentile per-packet one-way delay: 158.622 ms

Loss rate: 0.10%

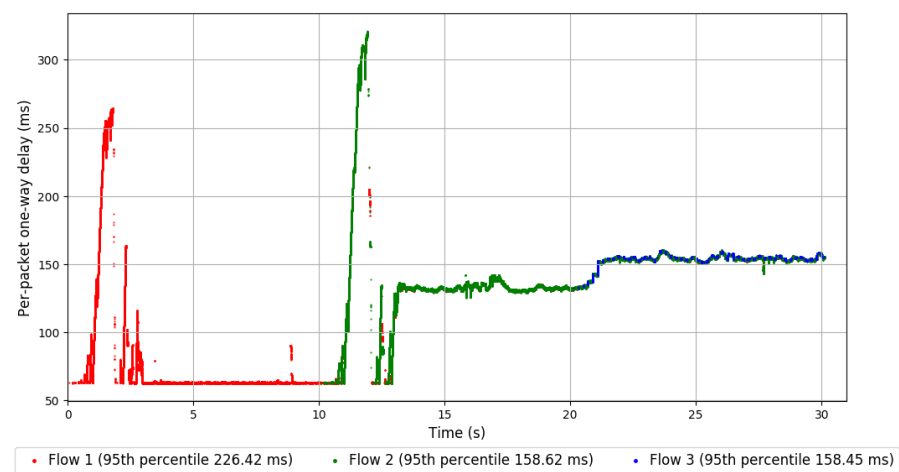
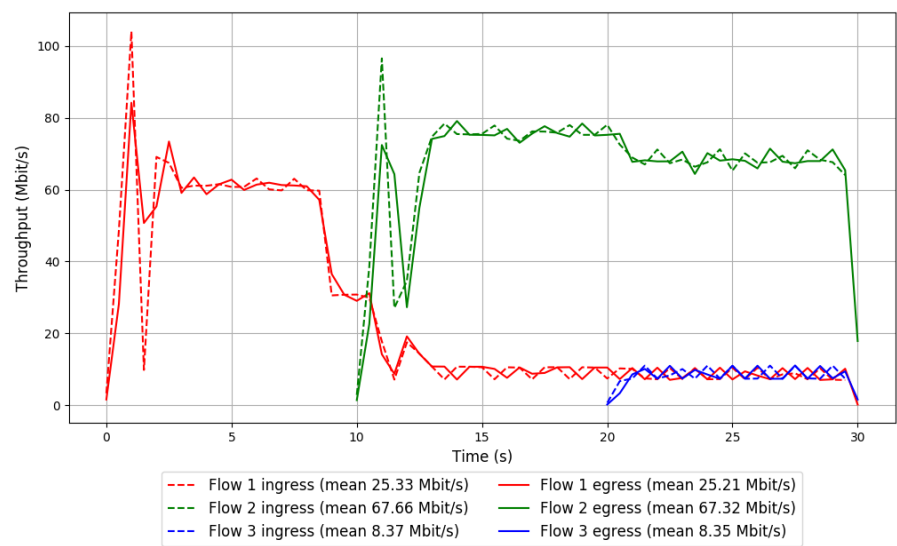
-- Flow 3:

Average throughput: 8.35 Mbit/s

95th percentile per-packet one-way delay: 158.450 ms

Loss rate: 0.00%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: Sun, 09 Jul 2017 22:37:04 +0000

End at: Sun, 09 Jul 2017 22:37:34 +0000

Local clock offset: 0.547 ms

Remote clock offset: -4.59 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:46:05 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 62.60 Mbit/s

95th percentile per-packet one-way delay: 243.704 ms

Loss rate: 0.77%

-- Flow 1:

Average throughput: 18.38 Mbit/s

95th percentile per-packet one-way delay: 247.551 ms

Loss rate: 0.78%

-- Flow 2:

Average throughput: 38.43 Mbit/s

95th percentile per-packet one-way delay: 180.908 ms

Loss rate: 1.00%

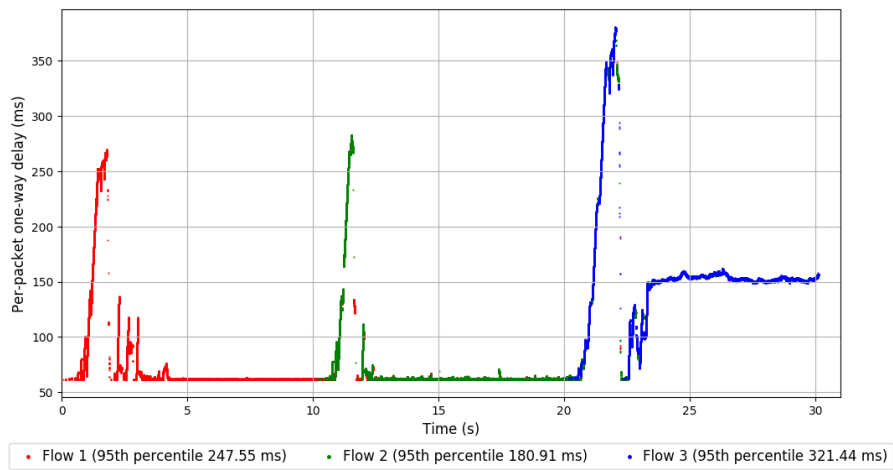
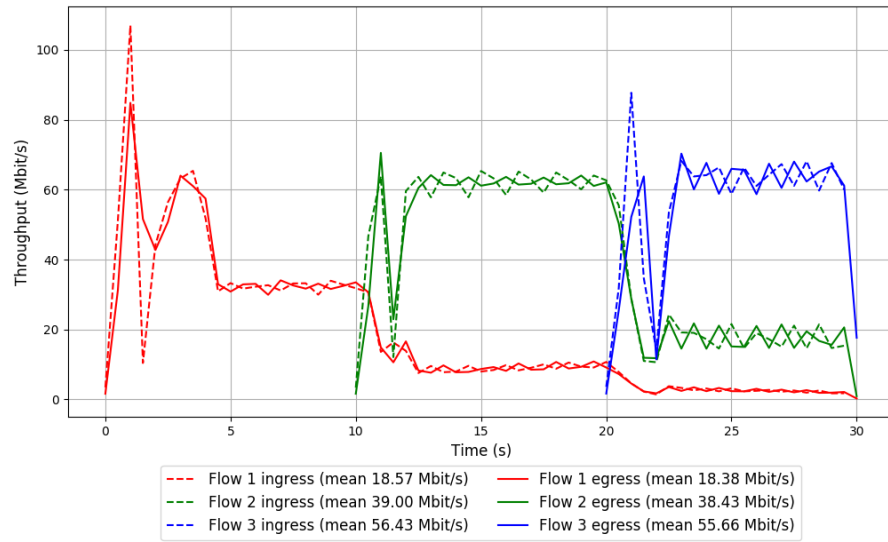
-- Flow 3:

Average throughput: 55.66 Mbit/s

95th percentile per-packet one-way delay: 321.442 ms

Loss rate: 0.43%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: Sun, 09 Jul 2017 22:55:40 +0000

End at: Sun, 09 Jul 2017 22:56:10 +0000

Local clock offset: 0.448 ms

Remote clock offset: -4.545 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:46:13 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 52.70 Mbit/s

95th percentile per-packet one-way delay: 308.815 ms

Loss rate: 1.30%

-- Flow 1:

Average throughput: 26.81 Mbit/s

95th percentile per-packet one-way delay: 244.901 ms

Loss rate: 0.87%

-- Flow 2:

Average throughput: 23.26 Mbit/s

95th percentile per-packet one-way delay: 340.910 ms

Loss rate: 1.02%

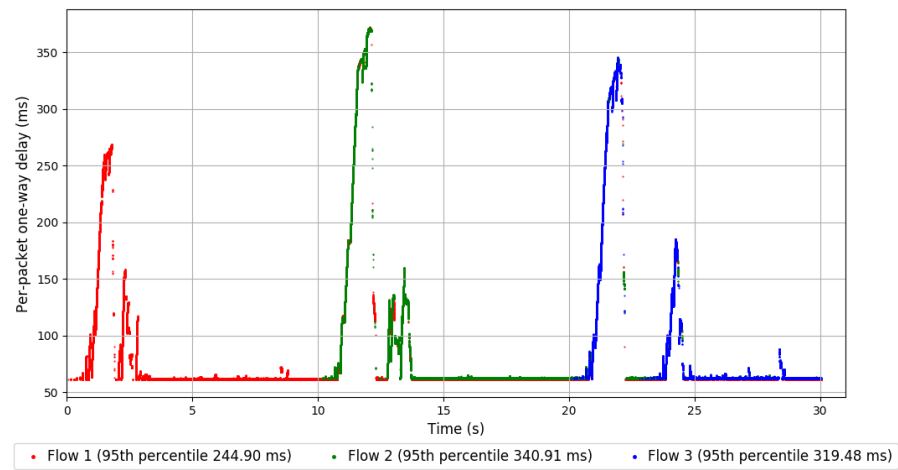
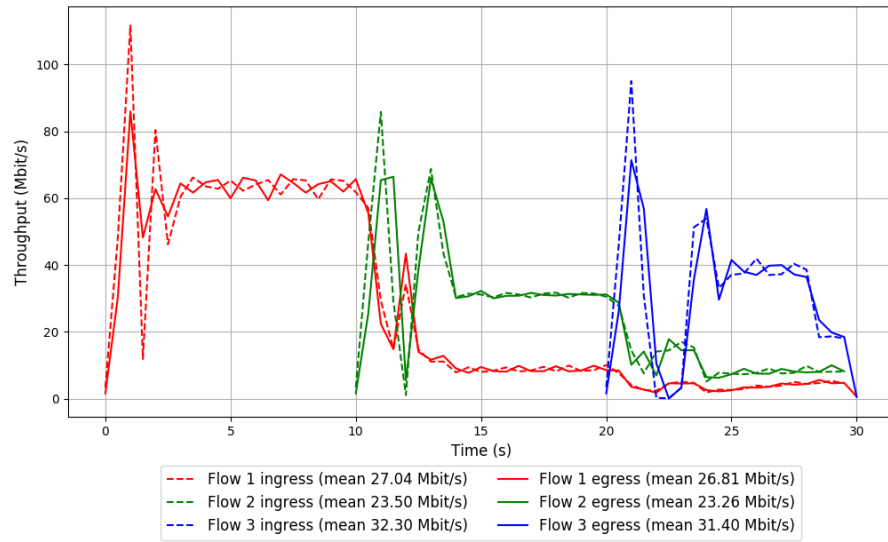
-- Flow 3:

Average throughput: 31.40 Mbit/s

95th percentile per-packet one-way delay: 319.483 ms

Loss rate: 2.78%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

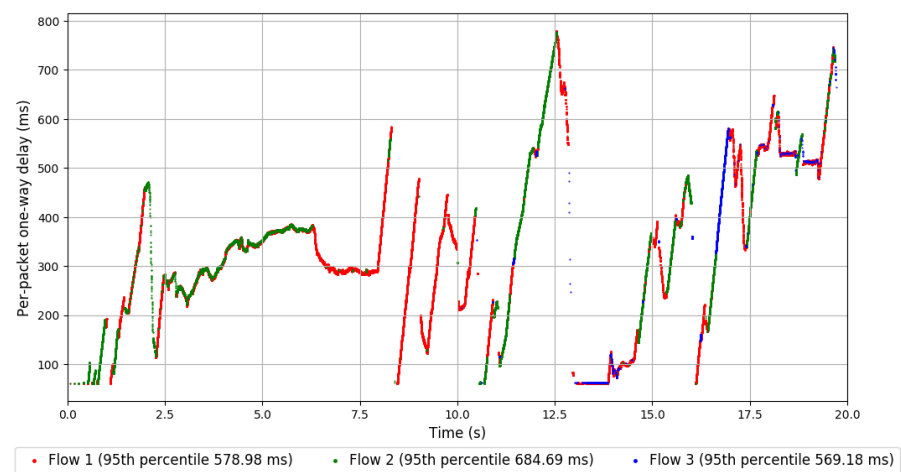
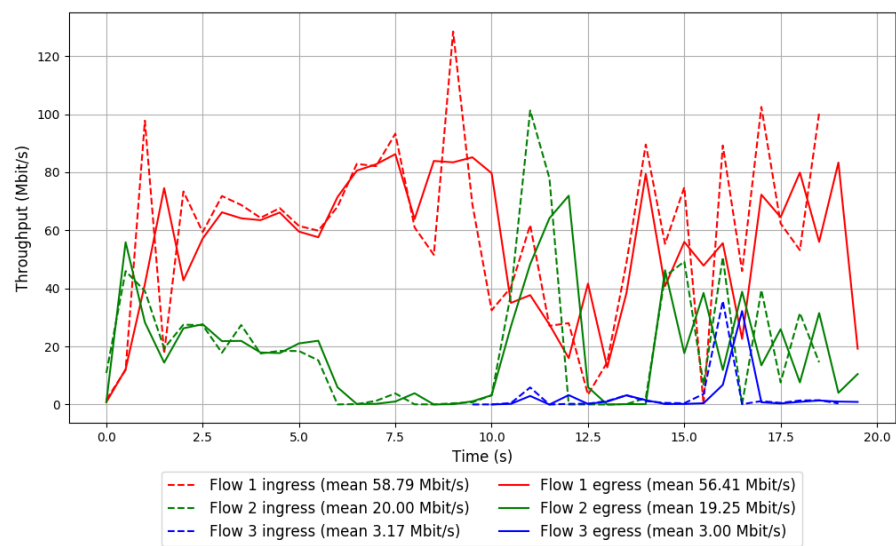
Start at: Sun, 09 Jul 2017 20:17:45 +0000

End at: Sun, 09 Jul 2017 20:18:15 +0000

Local clock offset: 0.296 ms

Remote clock offset: -3.751 ms

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: Sun, 09 Jul 2017 20:36:25 +0000

End at: Sun, 09 Jul 2017 20:36:55 +0000

Local clock offset: 0.259 ms

Remote clock offset: -4.114 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:46:23 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 67.47 Mbit/s

95th percentile per-packet one-way delay: 754.783 ms

Loss rate: 3.40%

-- Flow 1:

Average throughput: 52.69 Mbit/s

95th percentile per-packet one-way delay: 738.347 ms

Loss rate: 2.98%

-- Flow 2:

Average throughput: 19.93 Mbit/s

95th percentile per-packet one-way delay: 738.418 ms

Loss rate: 1.59%

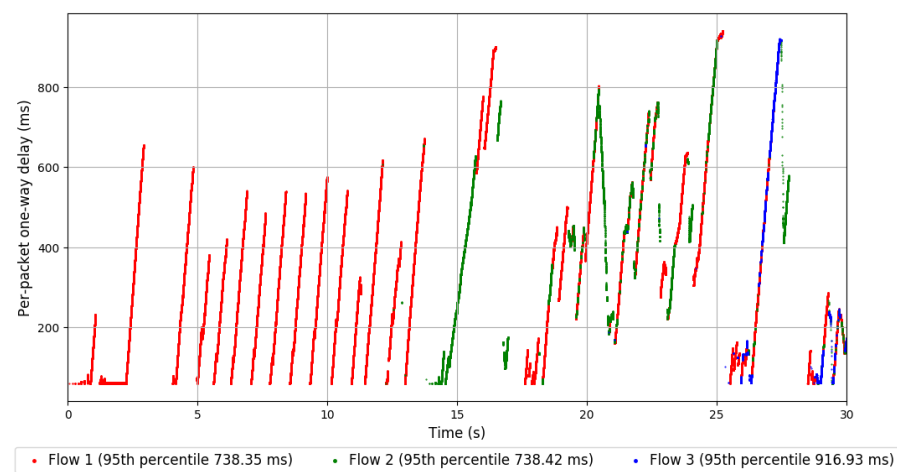
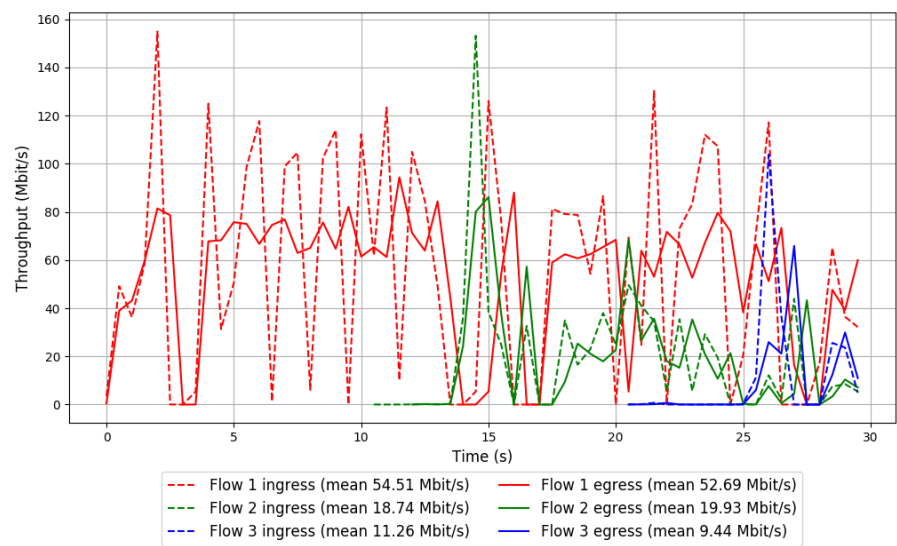
-- Flow 3:

Average throughput: 9.44 Mbit/s

95th percentile per-packet one-way delay: 916.928 ms

Loss rate: 16.30%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

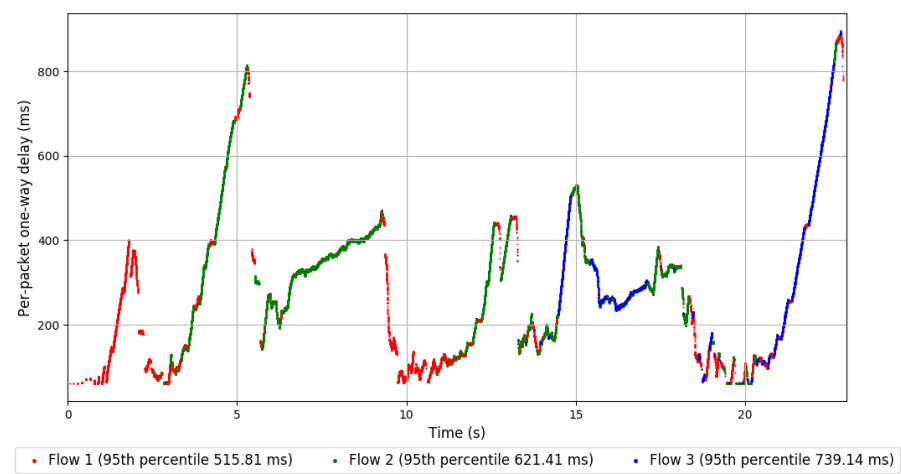
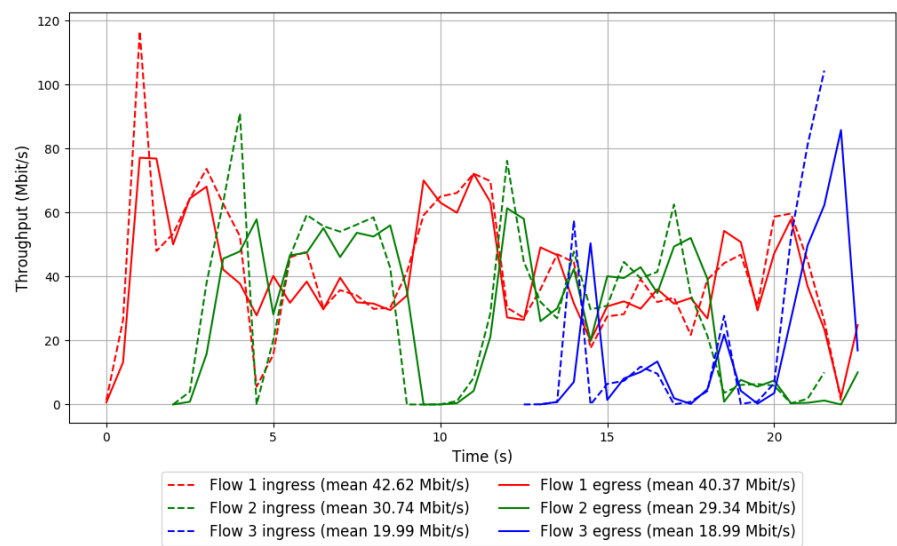
Start at: Sun, 09 Jul 2017 20:55:02 +0000

End at: Sun, 09 Jul 2017 20:55:32 +0000

Local clock offset: 0.215 ms

Remote clock offset: -3.878 ms

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: Sun, 09 Jul 2017 21:13:53 +0000

End at: Sun, 09 Jul 2017 21:14:23 +0000

Local clock offset: 0.29 ms

Remote clock offset: -3.819 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:46:33 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 79.91 Mbit/s

95th percentile per-packet one-way delay: 636.575 ms

Loss rate: 1.45%

-- Flow 1:

Average throughput: 55.38 Mbit/s

95th percentile per-packet one-way delay: 607.150 ms

Loss rate: 1.24%

-- Flow 2:

Average throughput: 35.84 Mbit/s

95th percentile per-packet one-way delay: 659.690 ms

Loss rate: 1.92%

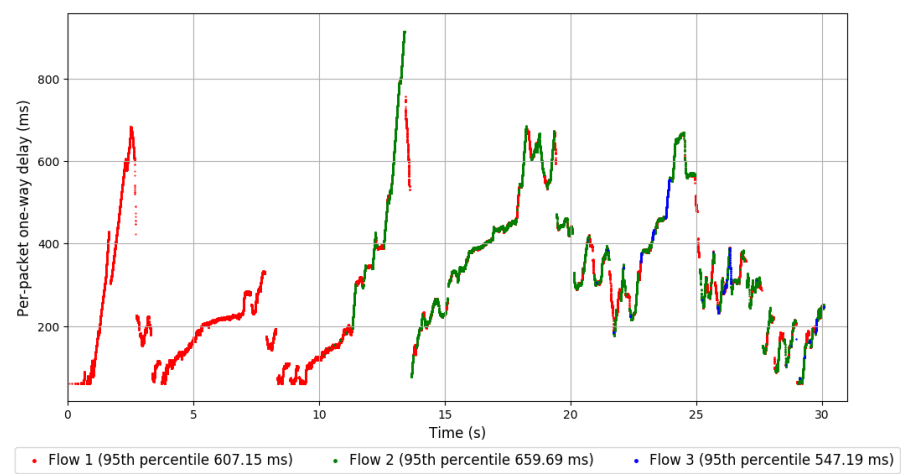
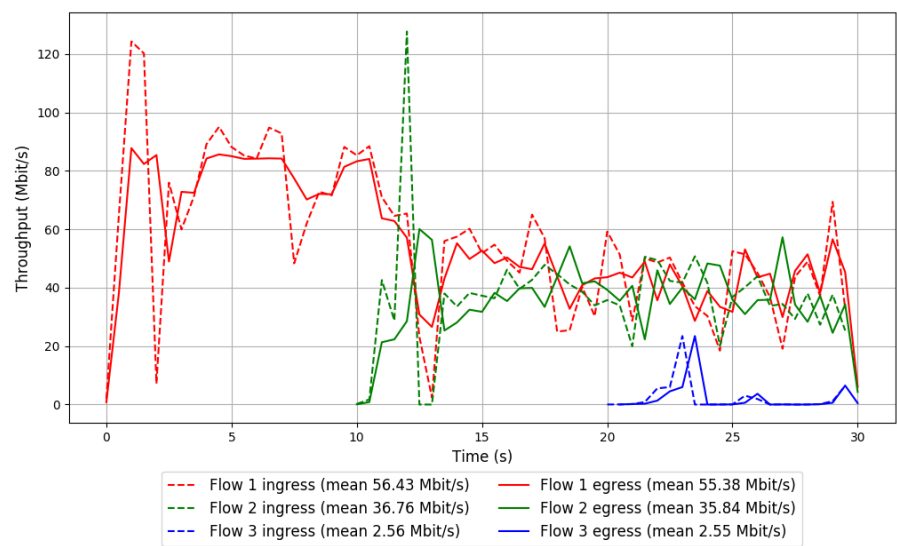
-- Flow 3:

Average throughput: 2.55 Mbit/s

95th percentile per-packet one-way delay: 547.192 ms

Loss rate: 2.03%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

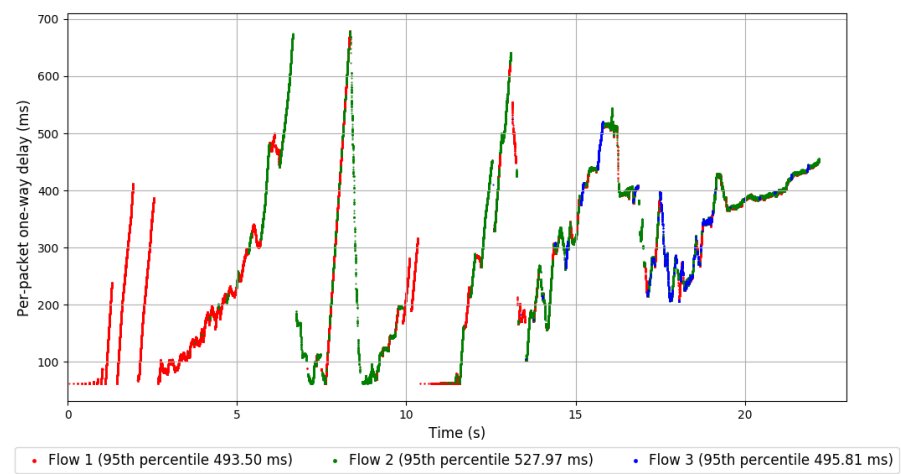
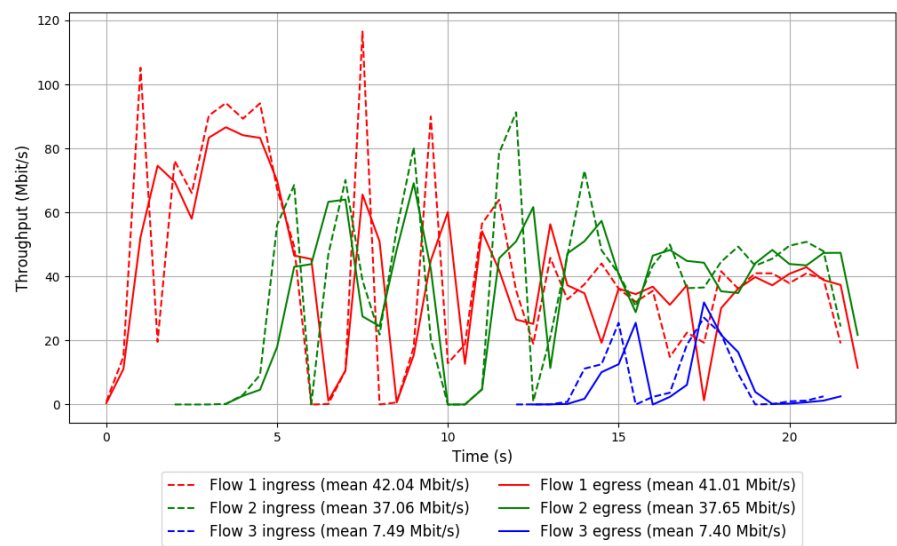
Start at: Sun, 09 Jul 2017 21:32:34 +0000

End at: Sun, 09 Jul 2017 21:33:04 +0000

Local clock offset: 0.327 ms

Remote clock offset: -4.321 ms

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: Sun, 09 Jul 2017 21:51:06 +0000

End at: Sun, 09 Jul 2017 21:51:36 +0000

Local clock offset: 0.431 ms

Remote clock offset: -4.722 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:46:43 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 82.95 Mbit/s

95th percentile per-packet one-way delay: 652.131 ms

Loss rate: 0.26%

-- Flow 1:

Average throughput: 82.90 Mbit/s

95th percentile per-packet one-way delay: 652.133 ms

Loss rate: 0.26%

-- Flow 2:

Average throughput: 0.04 Mbit/s

95th percentile per-packet one-way delay: 627.517 ms

Loss rate: 0.00%

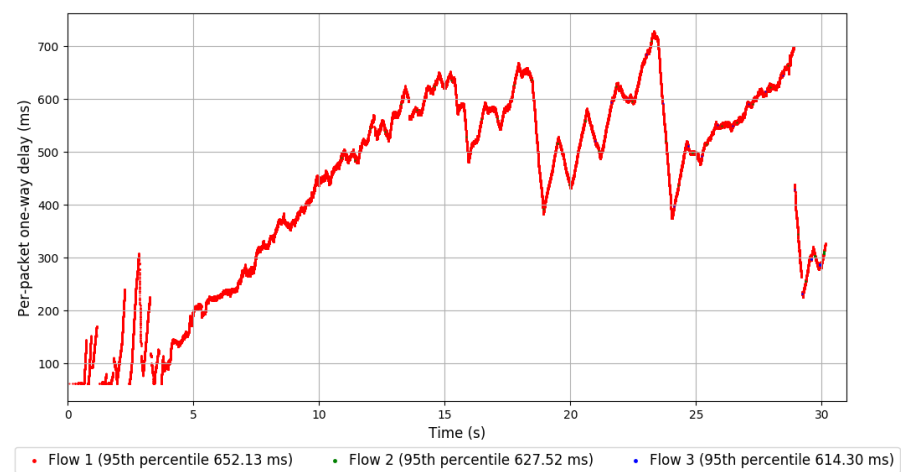
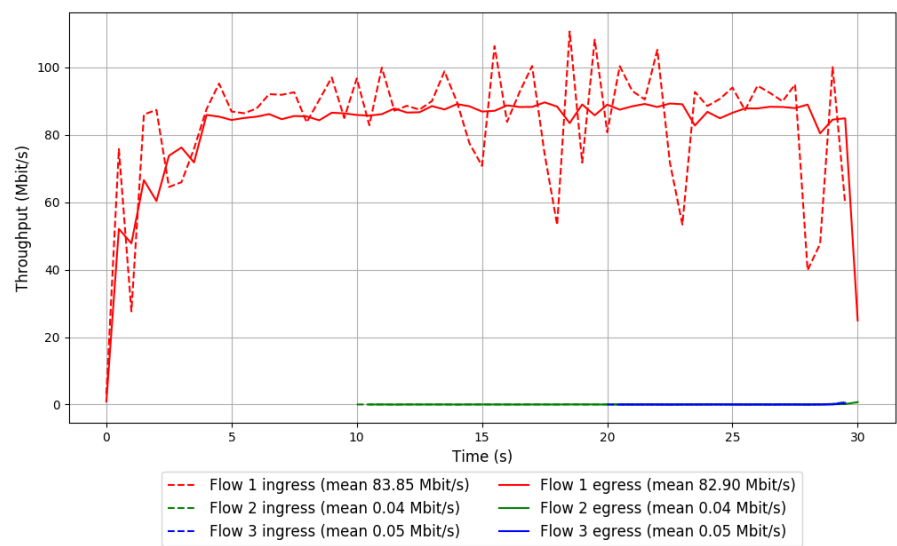
-- Flow 3:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 614.297 ms

Loss rate: 0.00%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

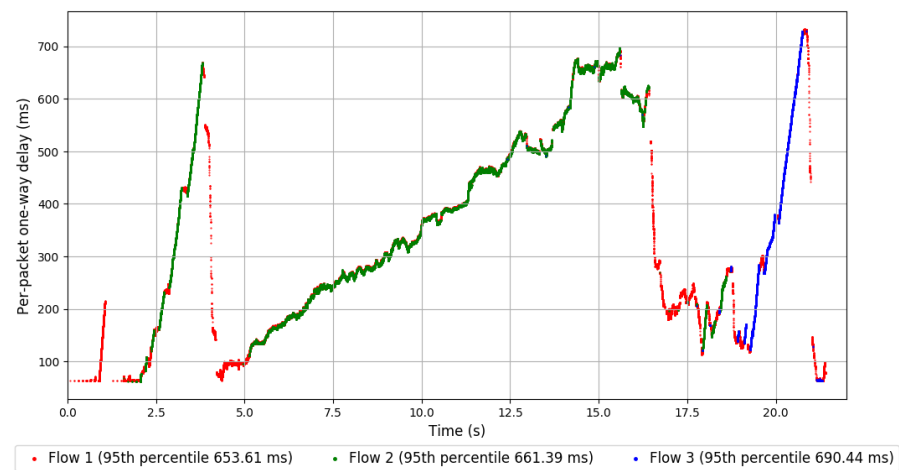
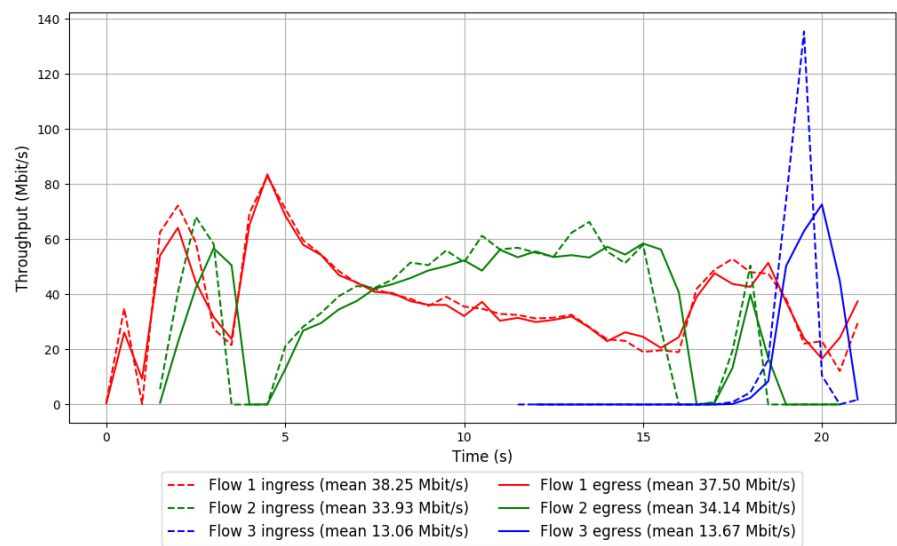
Start at: Sun, 09 Jul 2017 22:09:46 +0000

End at: Sun, 09 Jul 2017 22:10:16 +0000

Local clock offset: 0.501 ms

Remote clock offset: -5.16 ms

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

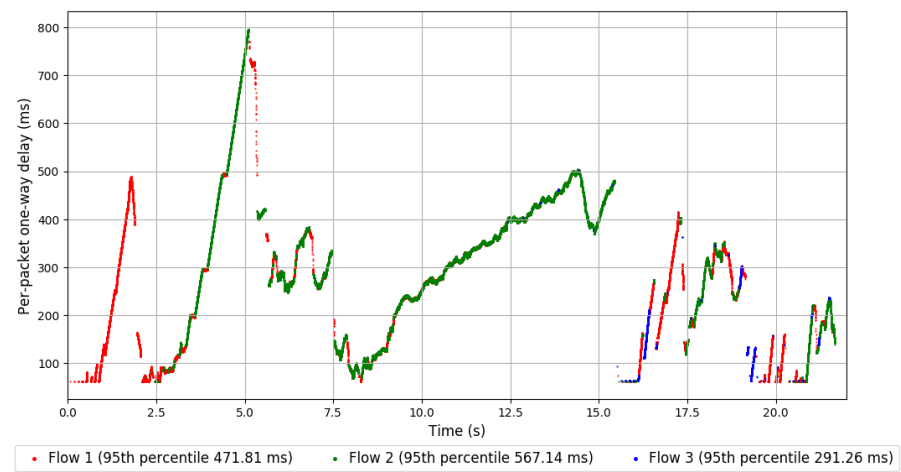
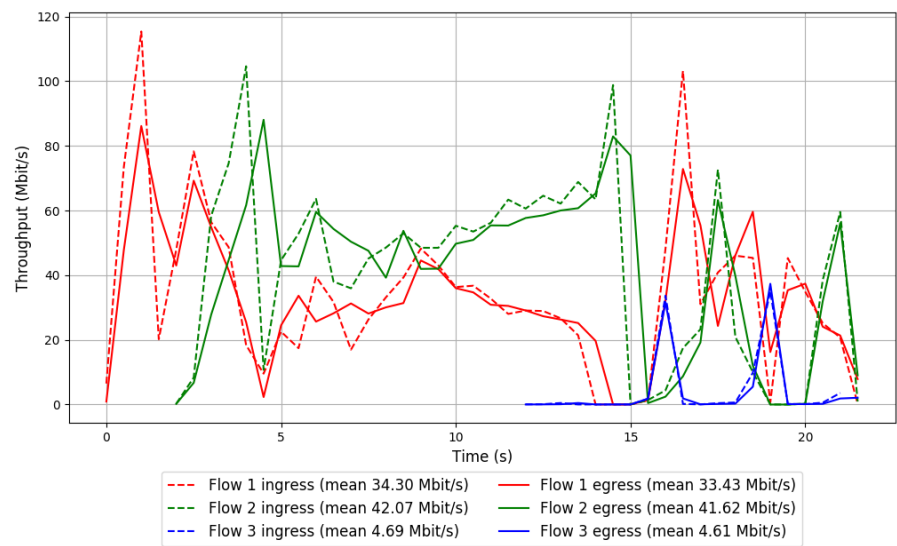
Start at: Sun, 09 Jul 2017 22:28:12 +0000

End at: Sun, 09 Jul 2017 22:28:42 +0000

Local clock offset: 0.421 ms

Remote clock offset: -4.646 ms

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

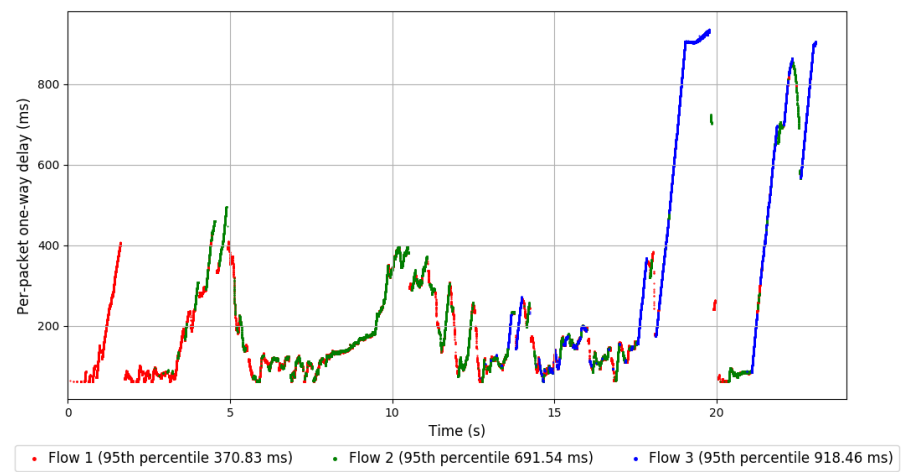
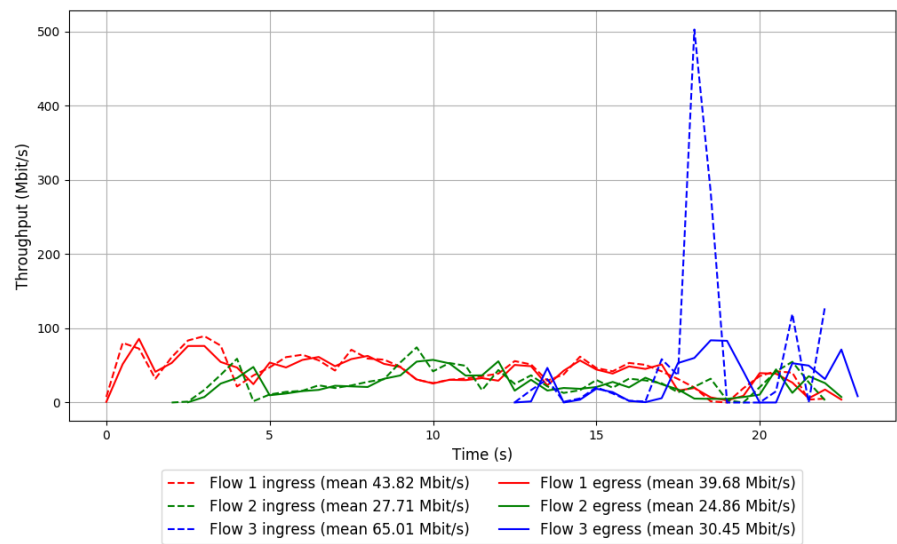
Start at: Sun, 09 Jul 2017 22:46:53 +0000

End at: Sun, 09 Jul 2017 22:47:23 +0000

Local clock offset: 0.515 ms

Remote clock offset: -4.587 ms

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

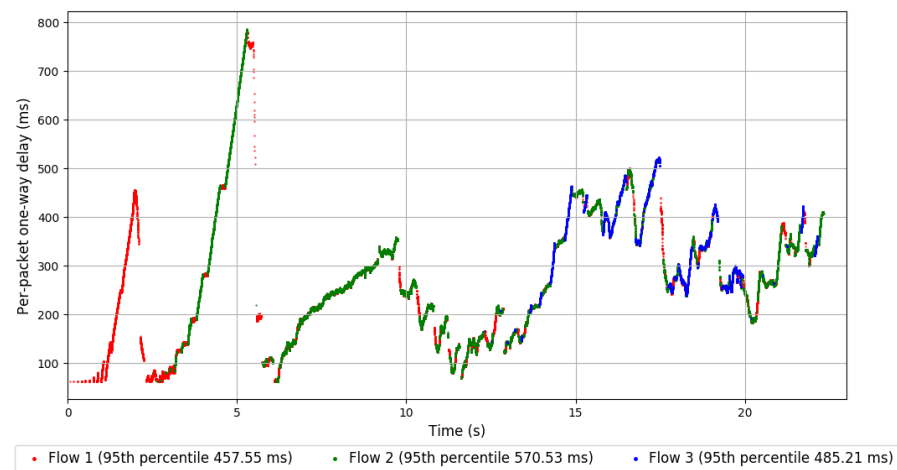
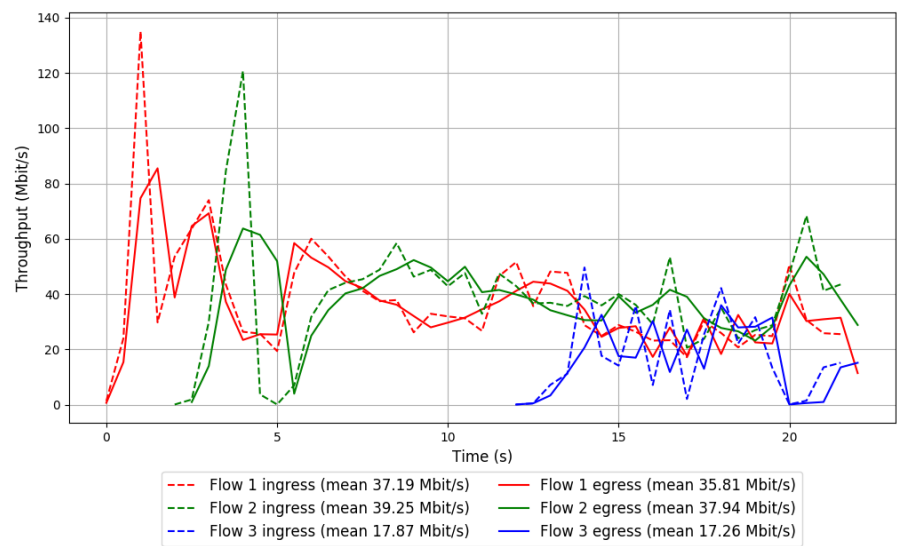
Start at: Sun, 09 Jul 2017 23:05:21 +0000

End at: Sun, 09 Jul 2017 23:05:51 +0000

Local clock offset: 0.514 ms

Remote clock offset: -4.617 ms

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 20:15:26 +0000

End at: Sun, 09 Jul 2017 20:15:56 +0000

Local clock offset: 0.255 ms

Remote clock offset: -3.949 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:47:00 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.74 Mbit/s

95th percentile per-packet one-way delay: 62.422 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.05 Mbit/s

95th percentile per-packet one-way delay: 62.423 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.31 Mbit/s

95th percentile per-packet one-way delay: 62.154 ms

Loss rate: 0.00%

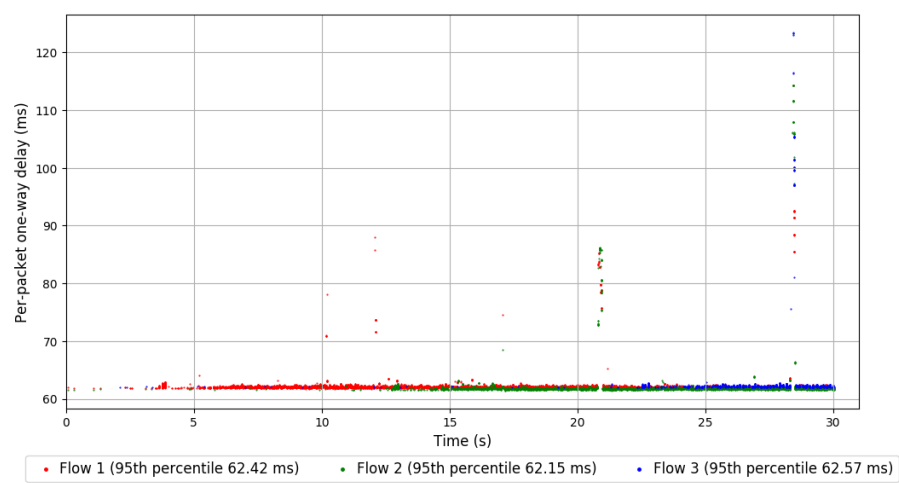
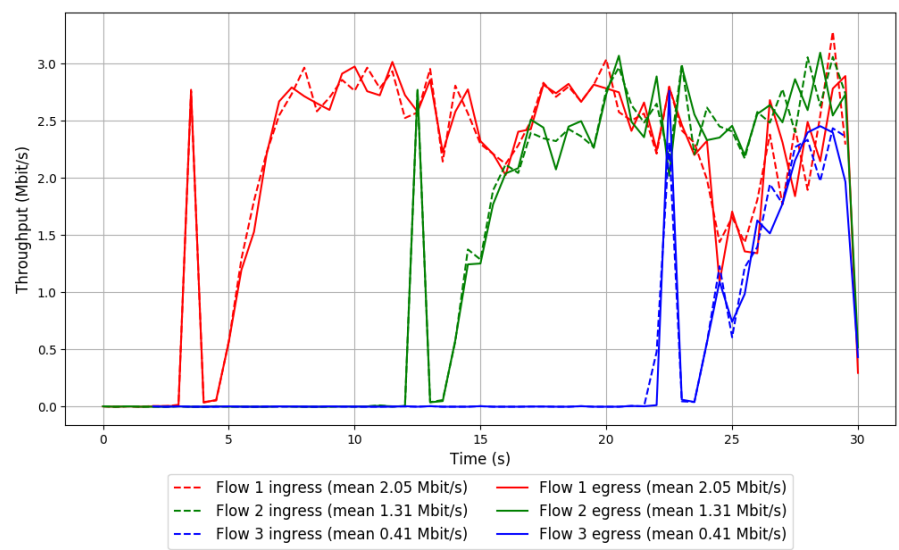
-- Flow 3:

Average throughput: 0.41 Mbit/s

95th percentile per-packet one-way delay: 62.573 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 20:34:07 +0000

End at: Sun, 09 Jul 2017 20:34:37 +0000

Local clock offset: 0.298 ms

Remote clock offset: -4.029 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:47:00 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.87 Mbit/s

95th percentile per-packet one-way delay: 62.866 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.22 Mbit/s

95th percentile per-packet one-way delay: 62.916 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.27 Mbit/s

95th percentile per-packet one-way delay: 62.357 ms

Loss rate: 0.00%

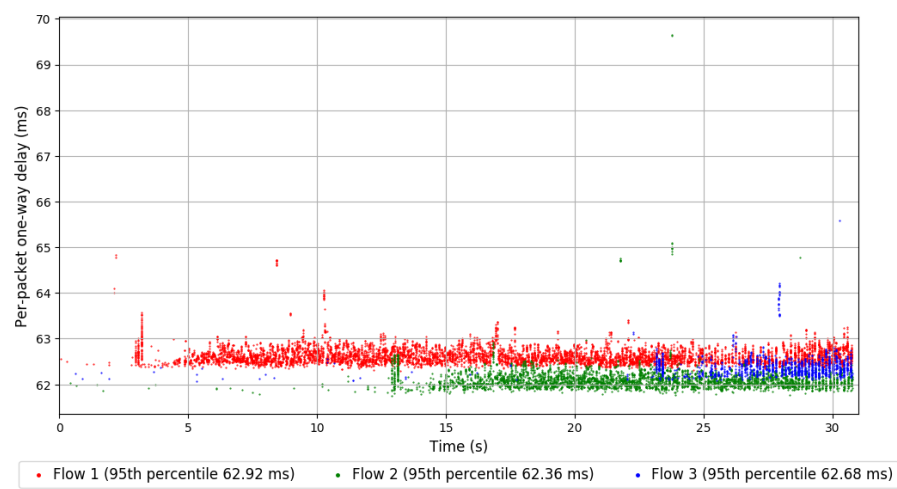
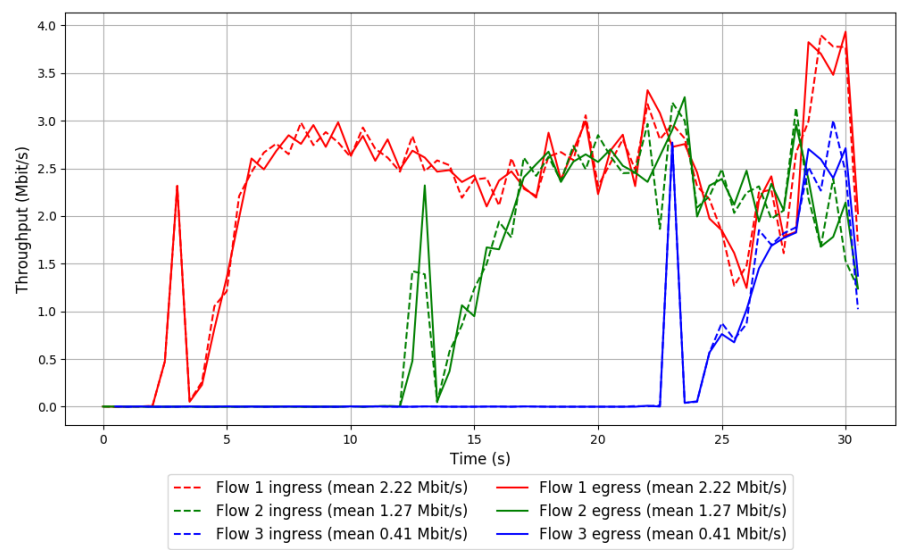
-- Flow 3:

Average throughput: 0.41 Mbit/s

95th percentile per-packet one-way delay: 62.683 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 20:52:43 +0000

End at: Sun, 09 Jul 2017 20:53:13 +0000

Local clock offset: 0.277 ms

Remote clock offset: -3.846 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:47:00 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.81 Mbit/s

95th percentile per-packet one-way delay: 62.463 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.25 Mbit/s

95th percentile per-packet one-way delay: 62.063 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.17 Mbit/s

95th percentile per-packet one-way delay: 61.612 ms

Loss rate: 0.00%

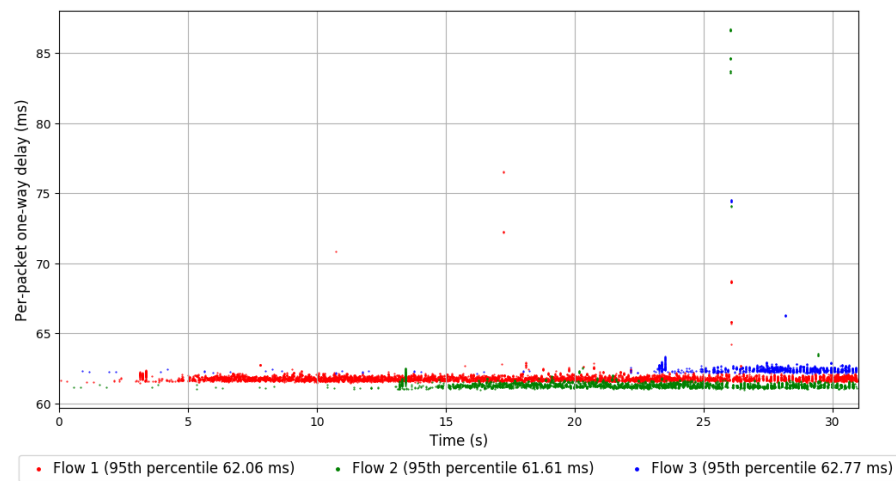
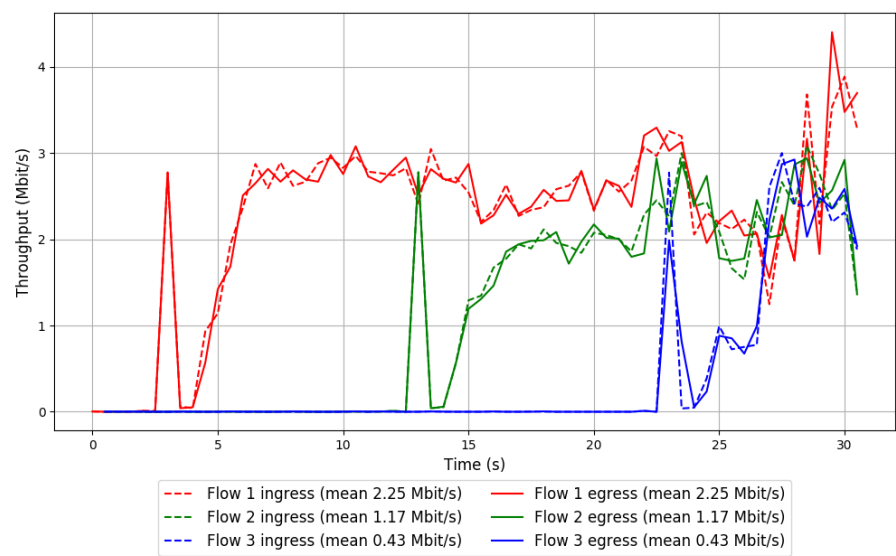
-- Flow 3:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 62.775 ms

Loss rate: 0.01%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 21:11:34 +0000

End at: Sun, 09 Jul 2017 21:12:04 +0000

Local clock offset: 0.286 ms

Remote clock offset: -4.262 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:47:00 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.81 Mbit/s

95th percentile per-packet one-way delay: 62.976 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.13 Mbit/s

95th percentile per-packet one-way delay: 62.813 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.23 Mbit/s

95th percentile per-packet one-way delay: 61.932 ms

Loss rate: 0.00%

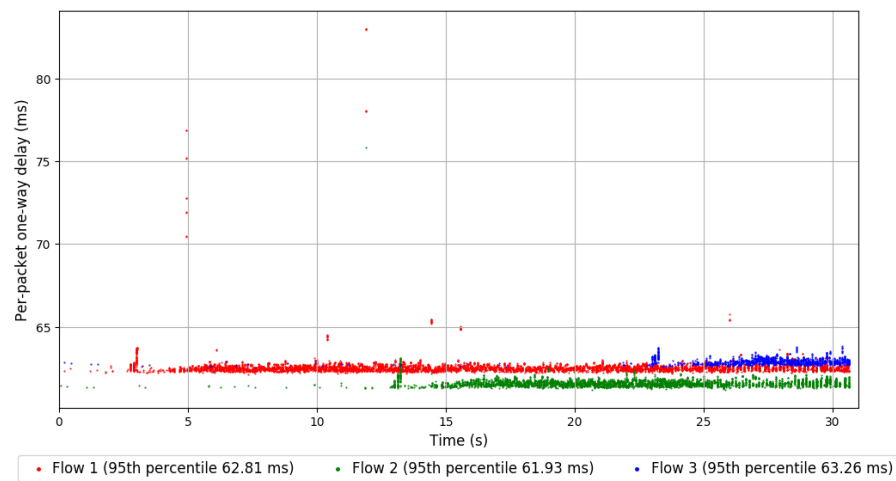
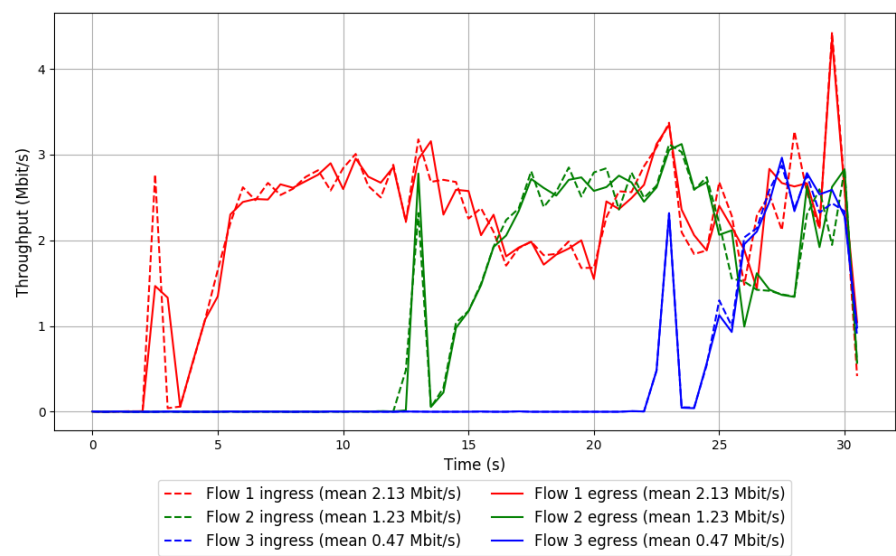
-- Flow 3:

Average throughput: 0.47 Mbit/s

95th percentile per-packet one-way delay: 63.258 ms

Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 21:30:15 +0000

End at: Sun, 09 Jul 2017 21:30:45 +0000

Local clock offset: 0.352 ms

Remote clock offset: -4.33 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:47:00 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.85 Mbit/s

95th percentile per-packet one-way delay: 63.073 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.15 Mbit/s

95th percentile per-packet one-way delay: 63.064 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.31 Mbit/s

95th percentile per-packet one-way delay: 63.011 ms

Loss rate: 0.00%

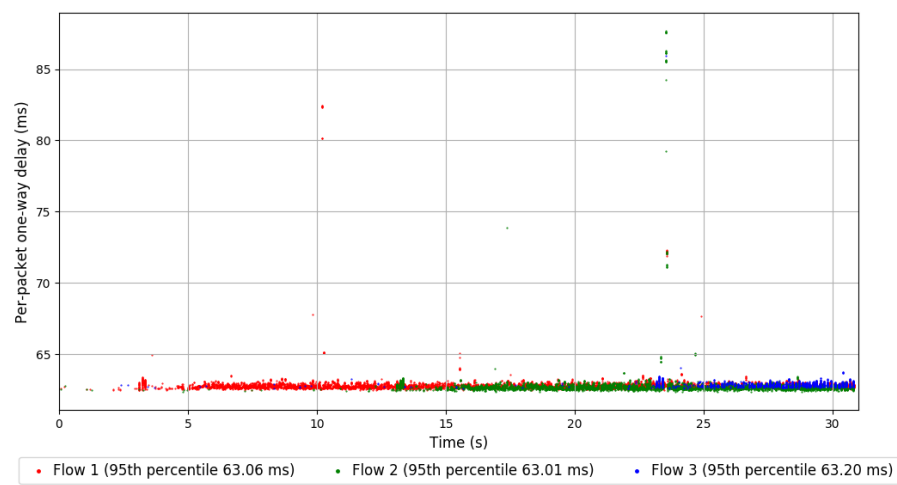
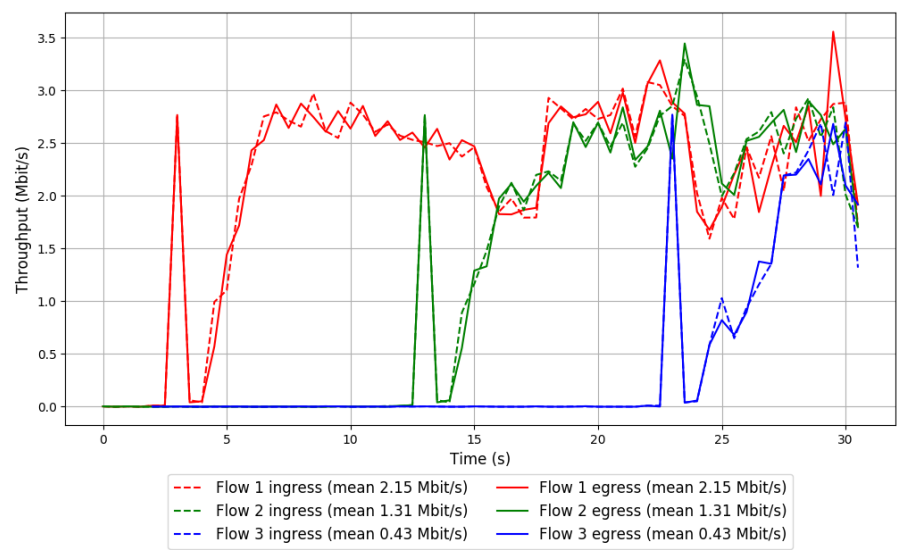
-- Flow 3:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 63.196 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 21:48:47 +0000

End at: Sun, 09 Jul 2017 21:49:17 +0000

Local clock offset: 0.357 ms

Remote clock offset: -4.223 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:47:02 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.65 Mbit/s

95th percentile per-packet one-way delay: 63.335 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.18 Mbit/s

95th percentile per-packet one-way delay: 63.281 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.21 Mbit/s

95th percentile per-packet one-way delay: 62.874 ms

Loss rate: 0.00%

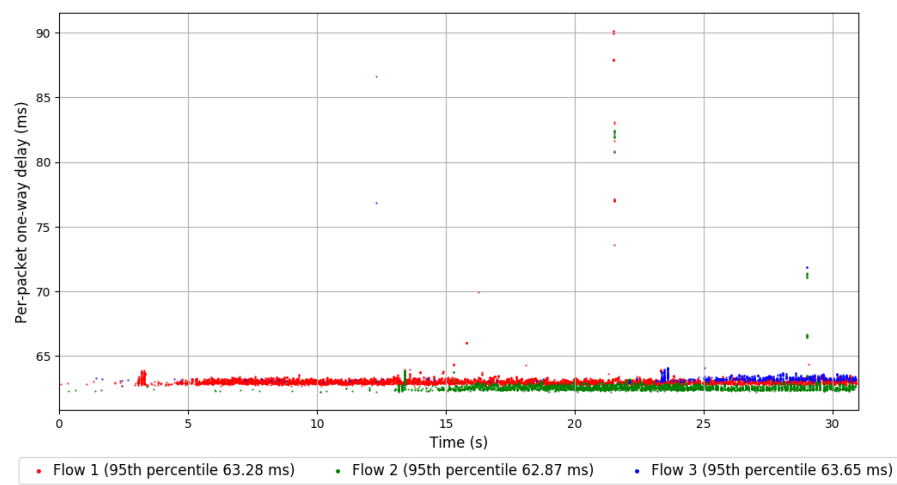
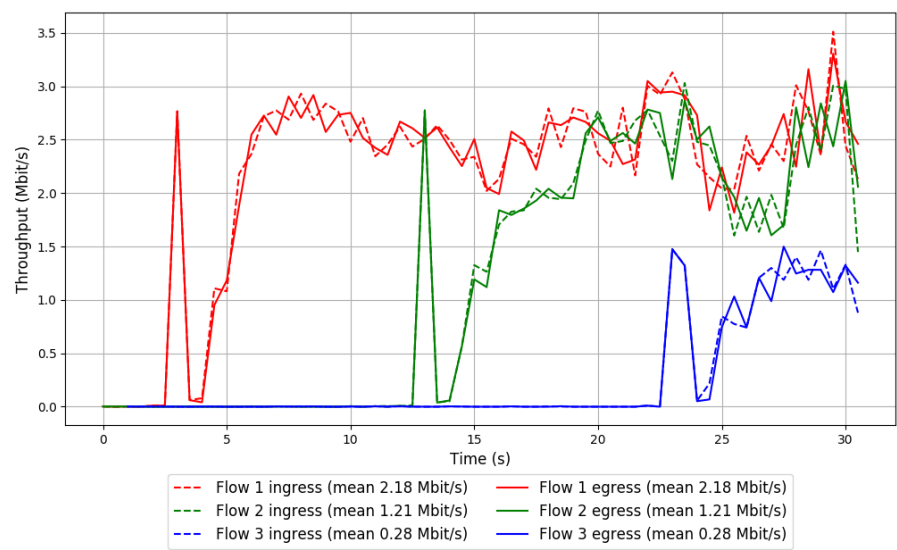
-- Flow 3:

Average throughput: 0.28 Mbit/s

95th percentile per-packet one-way delay: 63.651 ms

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 22:07:27 +0000

End at: Sun, 09 Jul 2017 22:07:57 +0000

Local clock offset: 0.479 ms

Remote clock offset: -5.053 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:47:02 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.97 Mbit/s

95th percentile per-packet one-way delay: 62.860 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.24 Mbit/s

95th percentile per-packet one-way delay: 62.870 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.35 Mbit/s

95th percentile per-packet one-way delay: 61.874 ms

Loss rate: 0.00%

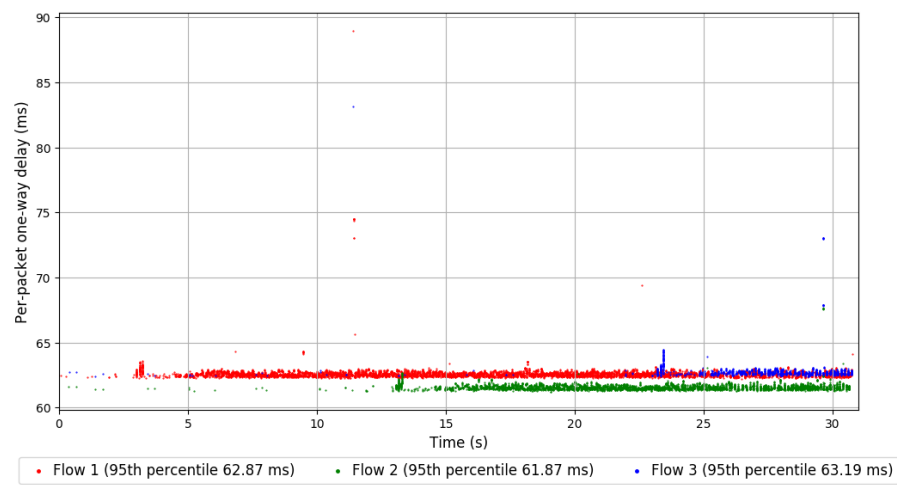
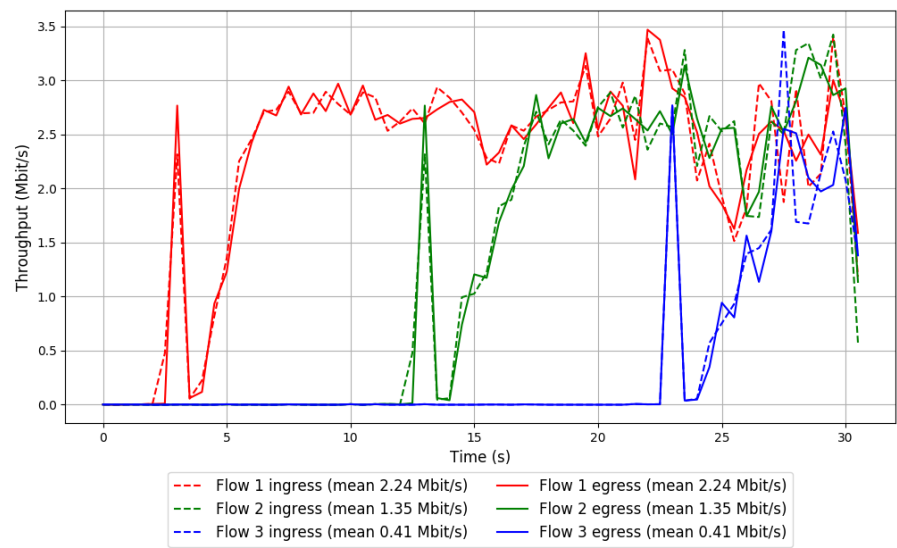
-- Flow 3:

Average throughput: 0.41 Mbit/s

95th percentile per-packet one-way delay: 63.194 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 22:25:53 +0000

End at: Sun, 09 Jul 2017 22:26:23 +0000

Local clock offset: 0.495 ms

Remote clock offset: -4.739 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:47:03 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.94 Mbit/s

95th percentile per-packet one-way delay: 63.430 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 2.46 Mbit/s

95th percentile per-packet one-way delay: 61.870 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 1.22 Mbit/s

95th percentile per-packet one-way delay: 63.492 ms

Loss rate: 0.00%

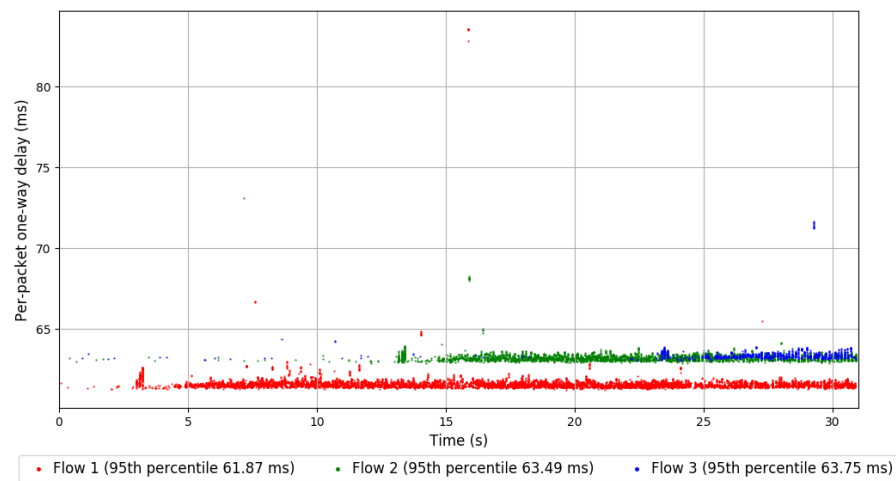
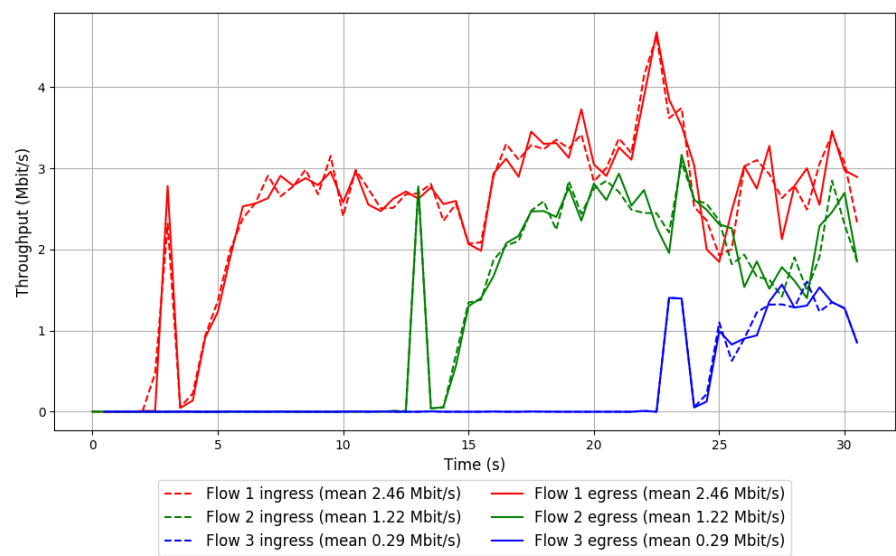
-- Flow 3:

Average throughput: 0.29 Mbit/s

95th percentile per-packet one-way delay: 63.746 ms

Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 22:44:34 +0000

End at: Sun, 09 Jul 2017 22:45:04 +0000

Local clock offset: 0.456 ms

Remote clock offset: -4.624 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:47:04 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.91 Mbit/s

95th percentile per-packet one-way delay: 63.534 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 2.21 Mbit/s

95th percentile per-packet one-way delay: 63.396 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.29 Mbit/s

95th percentile per-packet one-way delay: 63.665 ms

Loss rate: 0.05%

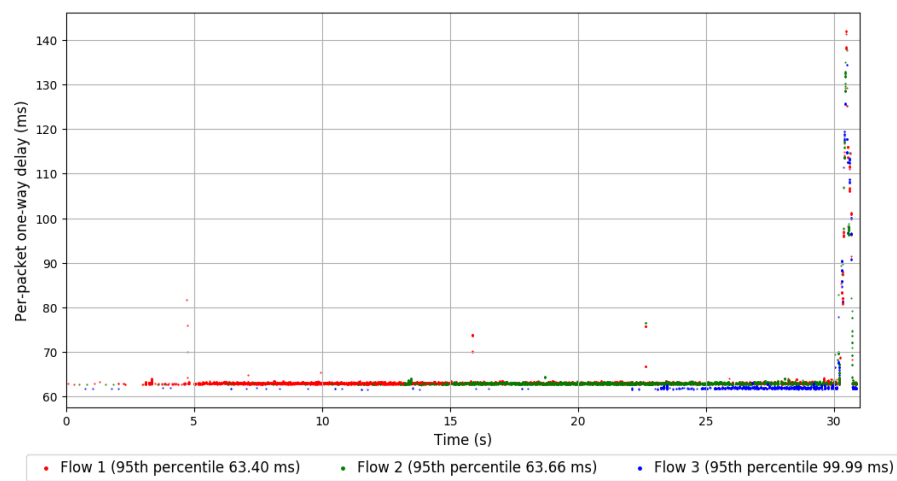
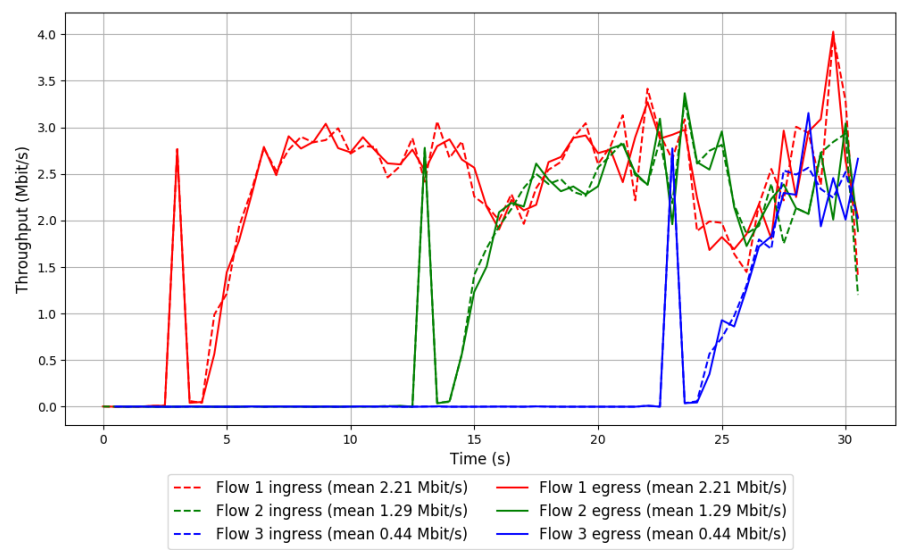
-- Flow 3:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 99.991 ms

Loss rate: 0.22%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 23:03:02 +0000

End at: Sun, 09 Jul 2017 23:03:32 +0000

Local clock offset: 0.515 ms

Remote clock offset: -4.549 ms

Below is generated by plot.py at Mon, 10 Jul 2017 02:47:05 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.90 Mbit/s

95th percentile per-packet one-way delay: 63.289 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.23 Mbit/s

95th percentile per-packet one-way delay: 62.313 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.35 Mbit/s

95th percentile per-packet one-way delay: 64.285 ms

Loss rate: 0.00%

-- Flow 3:

Average throughput: 0.35 Mbit/s

95th percentile per-packet one-way delay: 62.469 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

