

Pantheon Report

Generated at 2017-09-18 07:33:40 (UTC).

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

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.

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

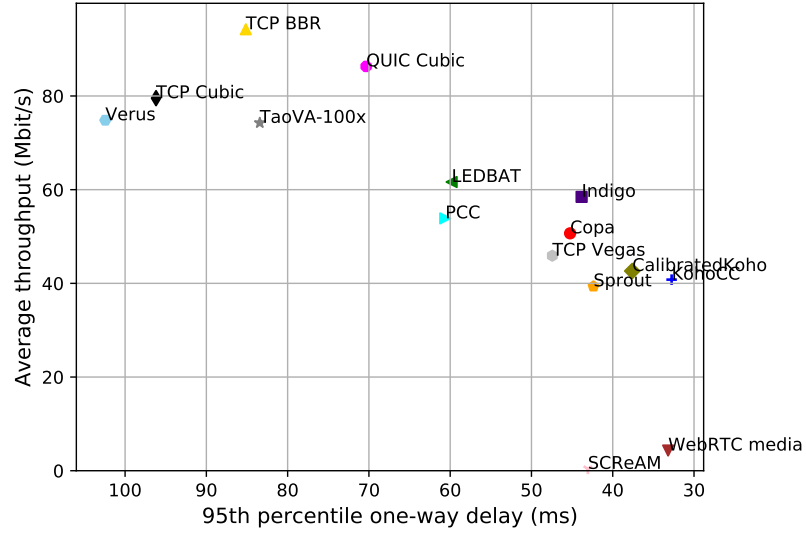
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

NTP offsets were measured against **nets.org.sg** and have been applied to correct the timestamps in logs.

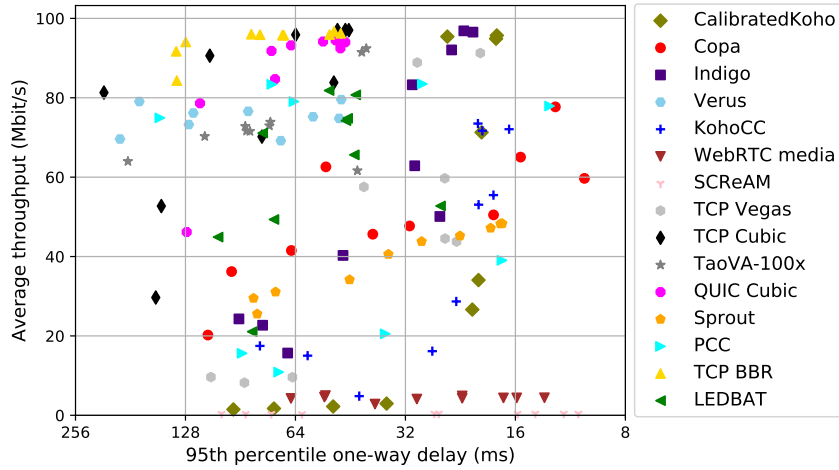
Git summary:

```
branch: master @ 57453dc11f8da93a2e03eea75289fea01b816298
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ f7ca42f251bf49b432bb71de6d13fa903515c366
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
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 @ f1a14bffe749737437f61b1eaeeb30b267cde681
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 India 1 Ethernet to India Ethernet, 10 runs of 30s each per scheme
3 flows with 10s interval between flows (mean of all runs by scheme)



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



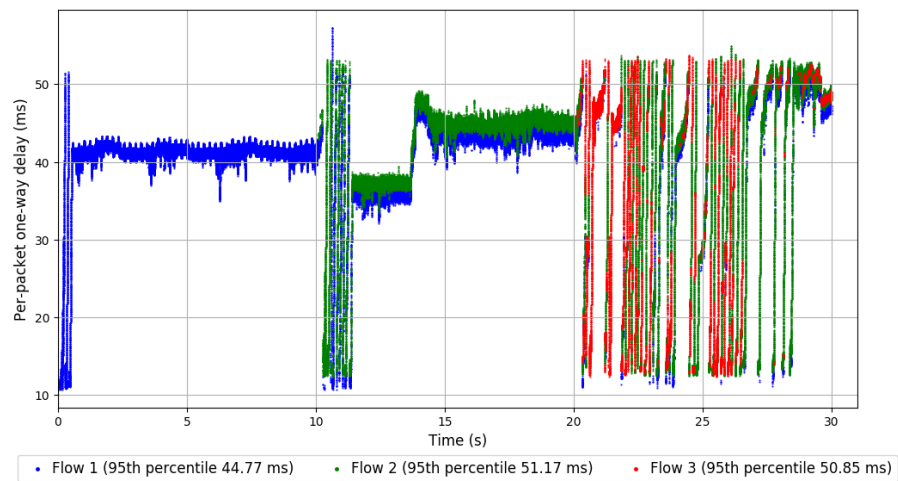
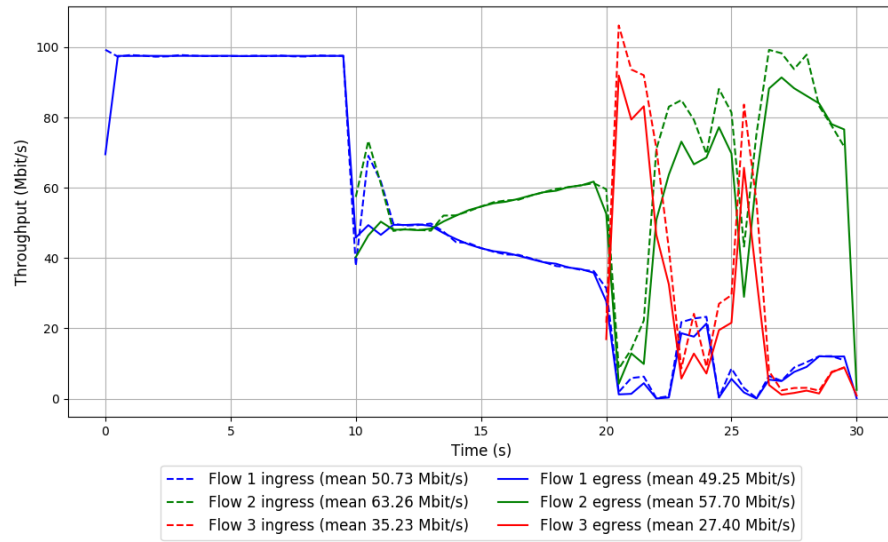
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	55.66	43.64	29.07	78.71	68.23	68.74	9.52	14.98	19.94
CalibratedKoho	10	23.49	18.16	21.27	38.45	38.31	41.46	0.06	0.01	0.02
Copa	10	28.84	23.29	22.93	43.49	36.86	33.97	0.05	0.03	0.10
TCP Cubic	10	45.94	34.47	32.13	67.90	76.90	72.01	0.70	0.73	0.68
Indigo	10	38.70	18.87	22.07	37.04	44.09	47.85	0.15	0.12	0.22
KohoCC	10	19.63	23.42	16.81	26.17	29.98	33.14	0.13	0.12	0.01
LEDBAT	10	34.05	30.37	21.86	426.40	50.57	48.59	0.12	0.36	0.30
PCC	9	43.49	18.52	11.17	654.40	51.64	53.14	0.46	0.49	0.50
QUIC Cubic	10	58.05	29.73	26.01	59.56	54.00	77.90	1.00	1.53	2.25
SCReAM	10	0.19	0.20	0.21	34.51	33.01	35.40	0.03	0.10	0.00
Sprout	10	20.41	19.15	18.85	32.74	36.46	38.59	0.25	0.30	0.24
TaoVA-100x	10	40.73	37.77	32.81	71.50	80.01	73.40	4.01	6.77	15.62
TCP Vegas	9	24.56	23.05	18.08	34.88	41.05	35.40	0.19	0.13	0.99
Verus	9	46.56	33.43	22.30	90.11	81.87	78.75	24.98	40.05	39.30
WebRTC media	10	2.39	1.36	0.58	23.00	34.93	24.56	0.30	0.00	0.15

Run 1: Statistics of TCP BBR

Start at: 2017-09-18 03:31:20
End at: 2017-09-18 03:31:50
Local clock offset: -2.736 ms
Remote clock offset: -4.073 ms

Below is generated by plot.py at 2017-09-18 07:17:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.71 Mbit/s
95th percentile per-packet one-way delay: 50.147 ms
Loss rate: 7.38%
-- Flow 1:
Average throughput: 49.25 Mbit/s
95th percentile per-packet one-way delay: 44.774 ms
Loss rate: 2.80%
-- Flow 2:
Average throughput: 57.70 Mbit/s
95th percentile per-packet one-way delay: 51.168 ms
Loss rate: 8.78%
-- Flow 3:
Average throughput: 27.40 Mbit/s
95th percentile per-packet one-way delay: 50.855 ms
Loss rate: 22.19%

Run 1: Report of TCP BBR — Data Link

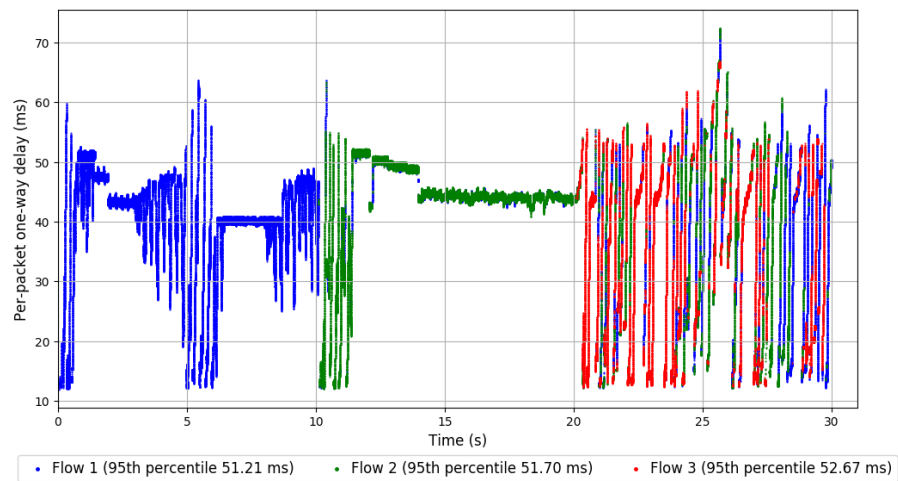
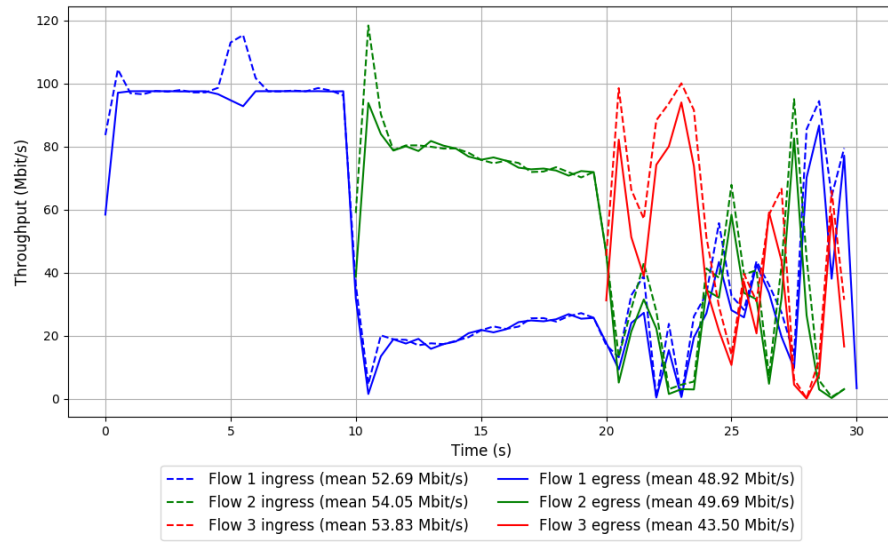


Run 2: Statistics of TCP BBR

Start at: 2017-09-18 03:52:05
End at: 2017-09-18 03:52:35
Local clock offset: -1.59 ms
Remote clock offset: -4.756 ms

Below is generated by plot.py at 2017-09-18 07:17:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.93 Mbit/s
95th percentile per-packet one-way delay: 51.608 ms
Loss rate: 9.45%
-- Flow 1:
Average throughput: 48.92 Mbit/s
95th percentile per-packet one-way delay: 51.210 ms
Loss rate: 7.05%
-- Flow 2:
Average throughput: 49.69 Mbit/s
95th percentile per-packet one-way delay: 51.698 ms
Loss rate: 8.00%
-- Flow 3:
Average throughput: 43.50 Mbit/s
95th percentile per-packet one-way delay: 52.671 ms
Loss rate: 19.70%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2017-09-18 04:10:57

End at: 2017-09-18 04:11:27

Local clock offset: 1.099 ms

Remote clock offset: -4.44 ms

Below is generated by plot.py at 2017-09-18 07:17:36

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.77 Mbit/s

95th percentile per-packet one-way delay: 68.890 ms

Loss rate: 16.54%

-- Flow 1:

Average throughput: 67.97 Mbit/s

95th percentile per-packet one-way delay: 69.356 ms

Loss rate: 13.97%

-- Flow 2:

Average throughput: 34.23 Mbit/s

95th percentile per-packet one-way delay: 50.197 ms

Loss rate: 21.56%

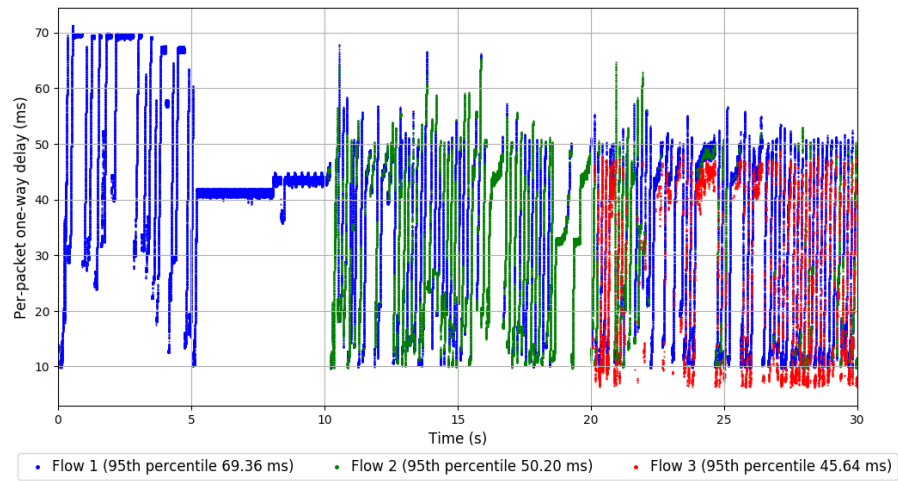
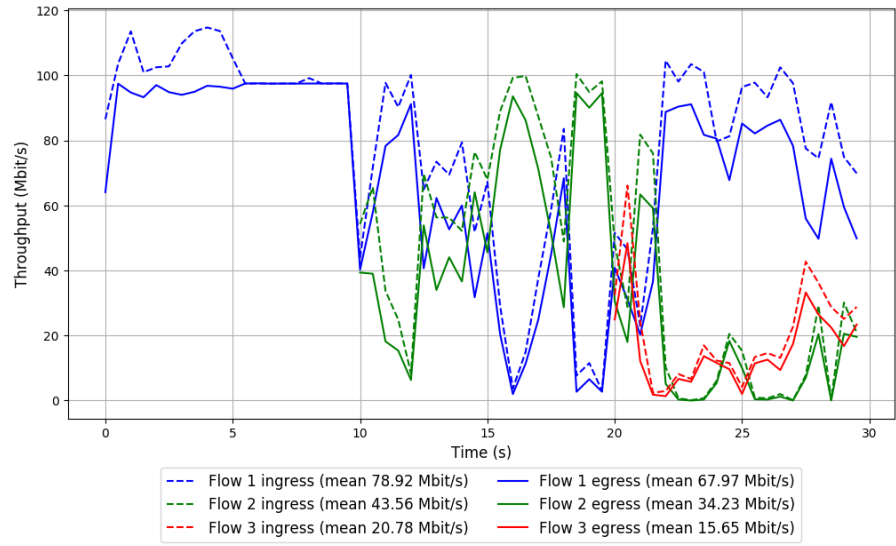
-- Flow 3:

Average throughput: 15.65 Mbit/s

95th percentile per-packet one-way delay: 45.641 ms

Loss rate: 24.74%

Run 3: Report of TCP BBR — Data Link

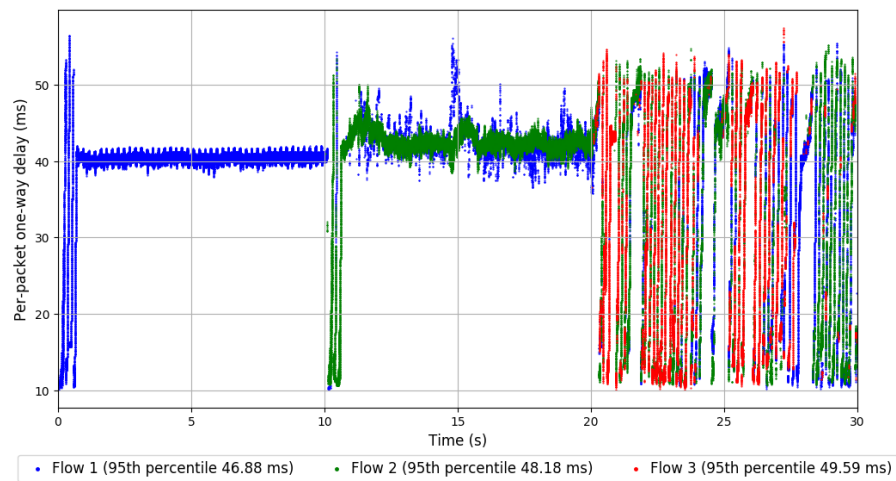
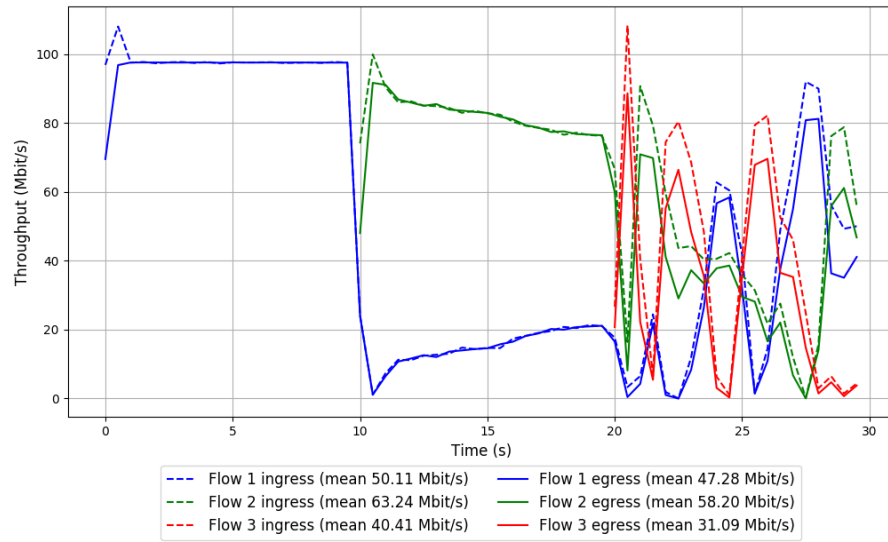


Run 4: Statistics of TCP BBR

Start at: 2017-09-18 04:29:35
End at: 2017-09-18 04:30:05
Local clock offset: -3.297 ms
Remote clock offset: -4.944 ms

Below is generated by plot.py at 2017-09-18 07:17:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.24 Mbit/s
95th percentile per-packet one-way delay: 48.104 ms
Loss rate: 8.84%
-- Flow 1:
Average throughput: 47.28 Mbit/s
95th percentile per-packet one-way delay: 46.878 ms
Loss rate: 5.61%
-- Flow 2:
Average throughput: 58.20 Mbit/s
95th percentile per-packet one-way delay: 48.177 ms
Loss rate: 8.10%
-- Flow 3:
Average throughput: 31.09 Mbit/s
95th percentile per-packet one-way delay: 49.587 ms
Loss rate: 23.22%

Run 4: Report of TCP BBR — Data Link

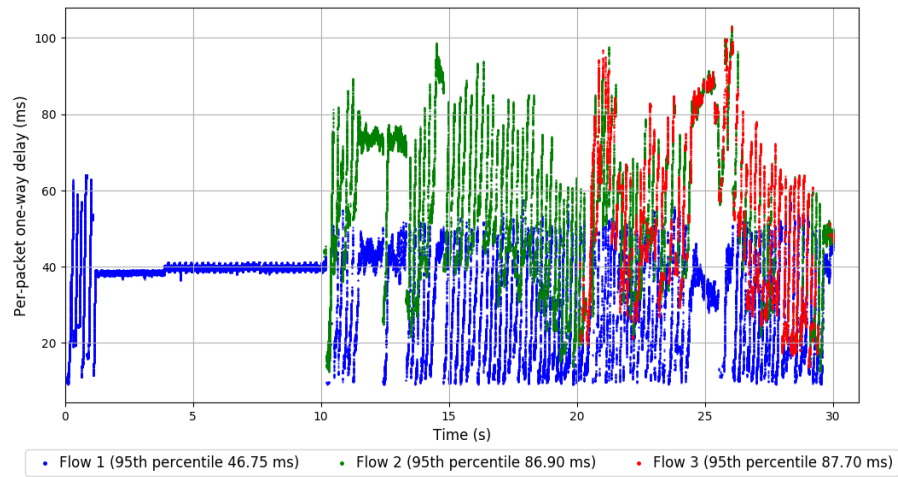
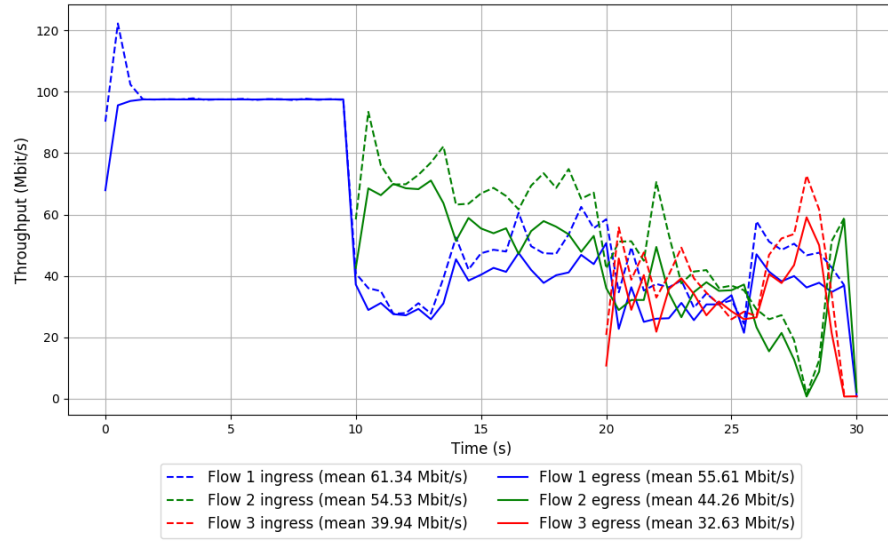


Run 5: Statistics of TCP BBR

Start at: 2017-09-18 04:49:31
End at: 2017-09-18 04:50:01
Local clock offset: -0.618 ms
Remote clock offset: -4.145 ms

Below is generated by plot.py at 2017-09-18 07:17:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.90 Mbit/s
95th percentile per-packet one-way delay: 80.001 ms
Loss rate: 13.42%
-- Flow 1:
Average throughput: 55.61 Mbit/s
95th percentile per-packet one-way delay: 46.746 ms
Loss rate: 9.23%
-- Flow 2:
Average throughput: 44.26 Mbit/s
95th percentile per-packet one-way delay: 86.896 ms
Loss rate: 18.79%
-- Flow 3:
Average throughput: 32.63 Mbit/s
95th percentile per-packet one-way delay: 87.705 ms
Loss rate: 18.09%

Run 5: Report of TCP BBR — Data Link

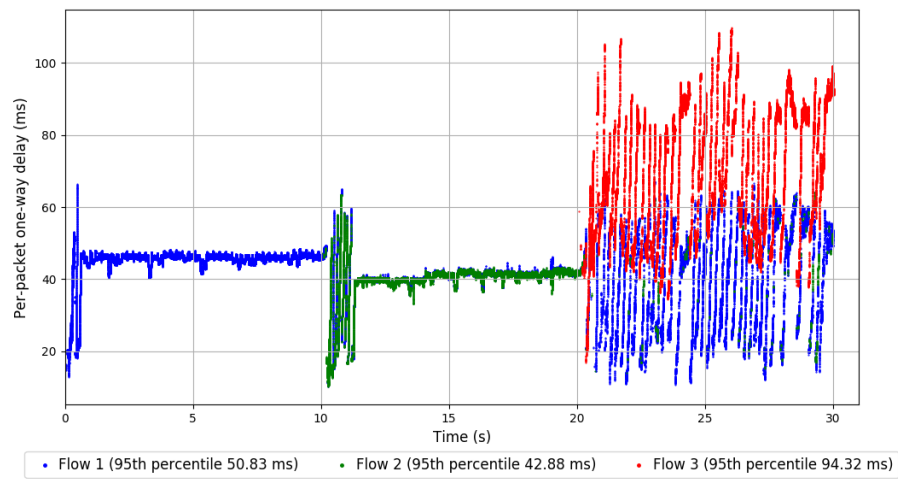
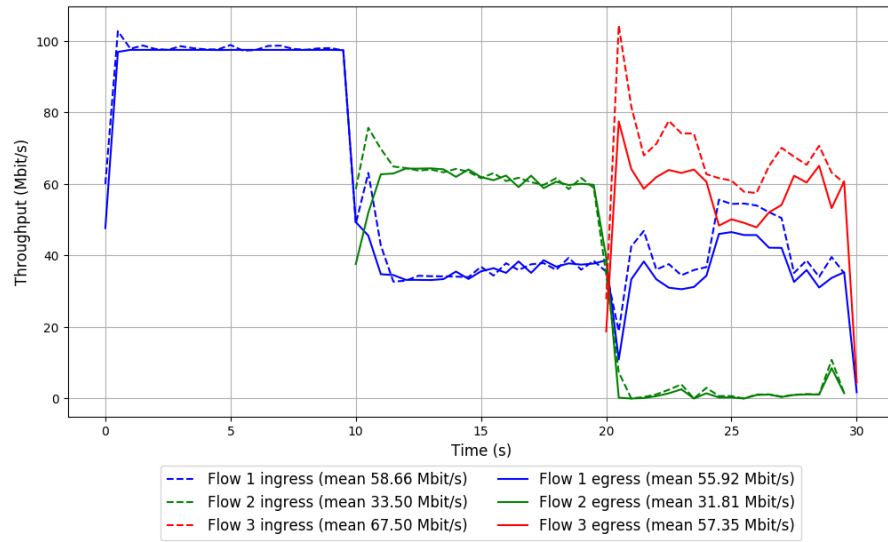


Run 6: Statistics of TCP BBR

Start at: 2017-09-18 05:08:41
End at: 2017-09-18 05:09:11
Local clock offset: -1.645 ms
Remote clock offset: -3.855 ms

Below is generated by plot.py at 2017-09-18 07:17:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.01 Mbit/s
95th percentile per-packet one-way delay: 84.500 ms
Loss rate: 6.91%
-- Flow 1:
Average throughput: 55.92 Mbit/s
95th percentile per-packet one-way delay: 50.826 ms
Loss rate: 4.55%
-- Flow 2:
Average throughput: 31.81 Mbit/s
95th percentile per-packet one-way delay: 42.883 ms
Loss rate: 5.01%
-- Flow 3:
Average throughput: 57.35 Mbit/s
95th percentile per-packet one-way delay: 94.318 ms
Loss rate: 14.99%

Run 6: Report of TCP BBR — Data Link

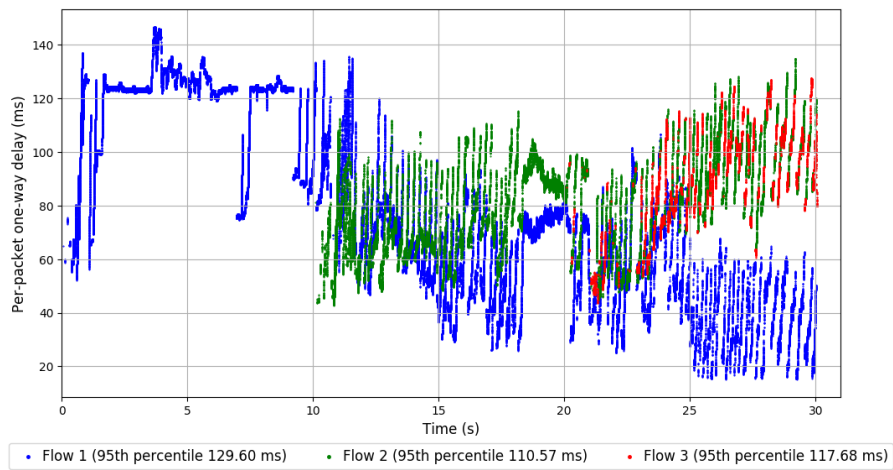
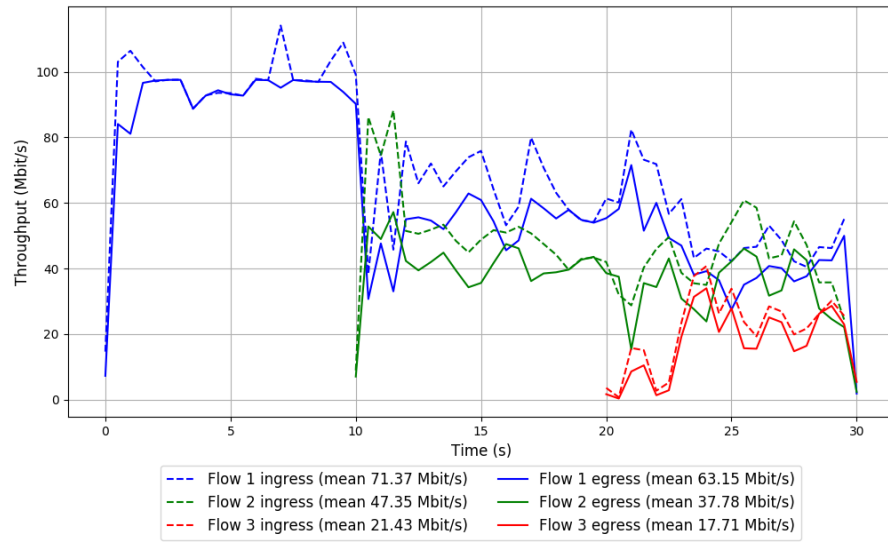


Run 7: Statistics of TCP BBR

Start at: 2017-09-18 05:29:13
End at: 2017-09-18 05:29:43
Local clock offset: -2.236 ms
Remote clock offset: -3.514 ms

Below is generated by plot.py at 2017-09-18 07:17:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.07 Mbit/s
95th percentile per-packet one-way delay: 127.828 ms
Loss rate: 14.38%
-- Flow 1:
Average throughput: 63.15 Mbit/s
95th percentile per-packet one-way delay: 129.605 ms
Loss rate: 11.56%
-- Flow 2:
Average throughput: 37.78 Mbit/s
95th percentile per-packet one-way delay: 110.573 ms
Loss rate: 20.07%
-- Flow 3:
Average throughput: 17.71 Mbit/s
95th percentile per-packet one-way delay: 117.676 ms
Loss rate: 17.43%

Run 7: Report of TCP BBR — Data Link

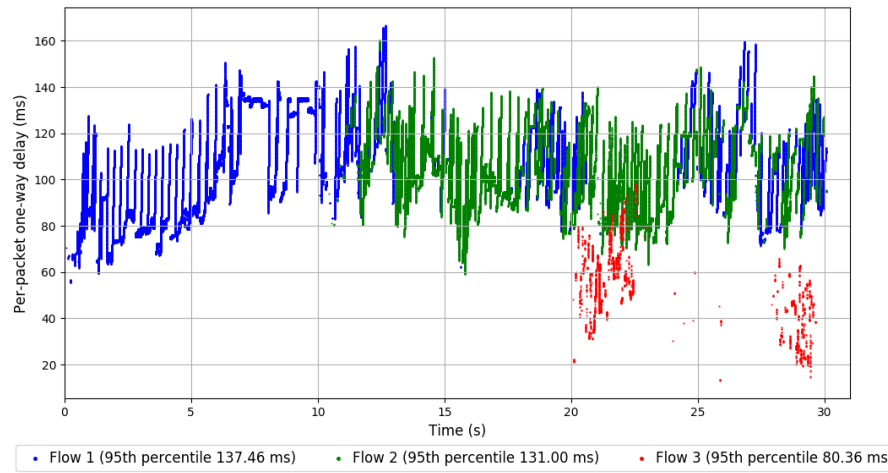
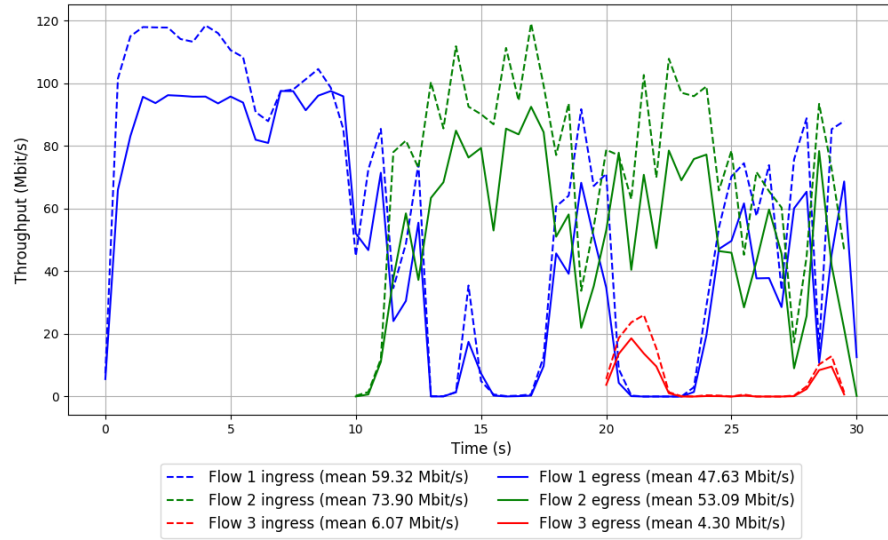


Run 8: Statistics of TCP BBR

Start at: 2017-09-18 05:49:06
End at: 2017-09-18 05:49:36
Local clock offset: 2.641 ms
Remote clock offset: -4.245 ms

Below is generated by plot.py at 2017-09-18 07:17:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.33 Mbit/s
95th percentile per-packet one-way delay: 135.200 ms
Loss rate: 23.62%
-- Flow 1:
Average throughput: 47.63 Mbit/s
95th percentile per-packet one-way delay: 137.456 ms
Loss rate: 19.59%
-- Flow 2:
Average throughput: 53.09 Mbit/s
95th percentile per-packet one-way delay: 130.995 ms
Loss rate: 28.15%
-- Flow 3:
Average throughput: 4.30 Mbit/s
95th percentile per-packet one-way delay: 80.363 ms
Loss rate: 31.77%

Run 8: Report of TCP BBR — Data Link

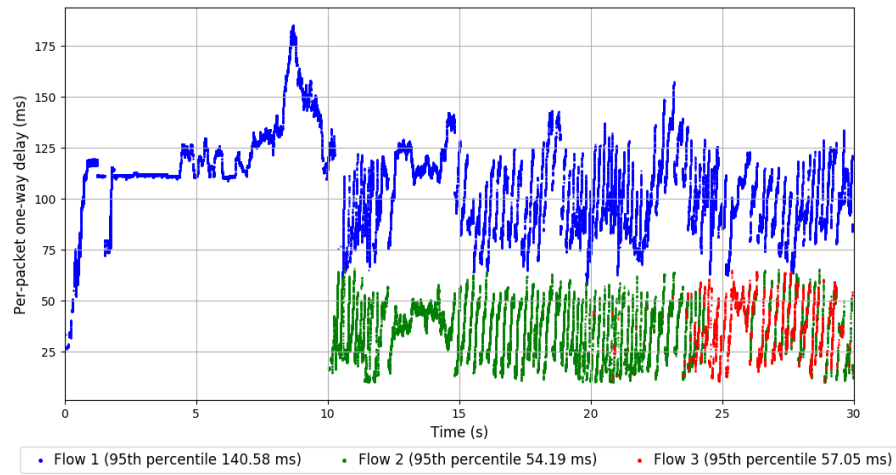
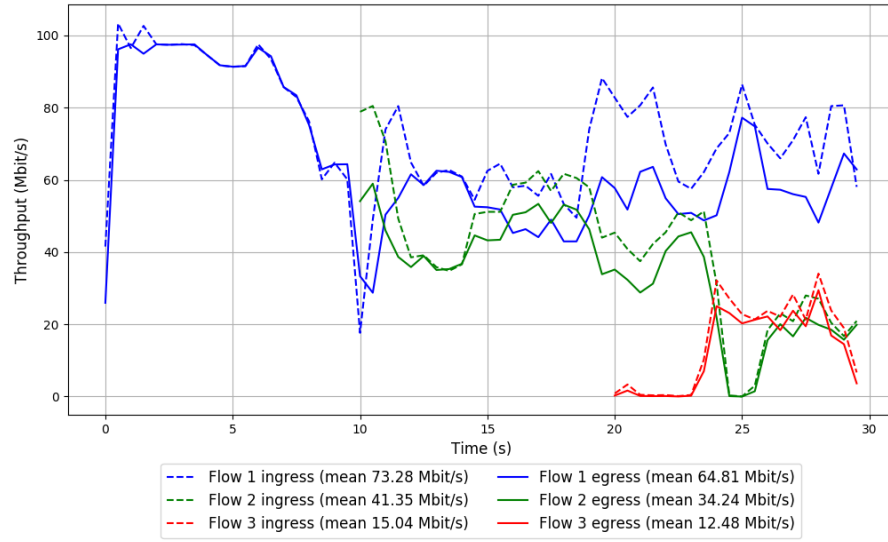


Run 9: Statistics of TCP BBR

Start at: 2017-09-18 06:08:44
End at: 2017-09-18 06:09:14
Local clock offset: -0.084 ms
Remote clock offset: -4.349 ms

Below is generated by plot.py at 2017-09-18 07:18:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.71 Mbit/s
95th percentile per-packet one-way delay: 135.713 ms
Loss rate: 13.18%
-- Flow 1:
Average throughput: 64.81 Mbit/s
95th percentile per-packet one-way delay: 140.581 ms
Loss rate: 11.40%
-- Flow 2:
Average throughput: 34.24 Mbit/s
95th percentile per-packet one-way delay: 54.192 ms
Loss rate: 17.22%
-- Flow 3:
Average throughput: 12.48 Mbit/s
95th percentile per-packet one-way delay: 57.050 ms
Loss rate: 17.07%

Run 9: Report of TCP BBR — Data Link

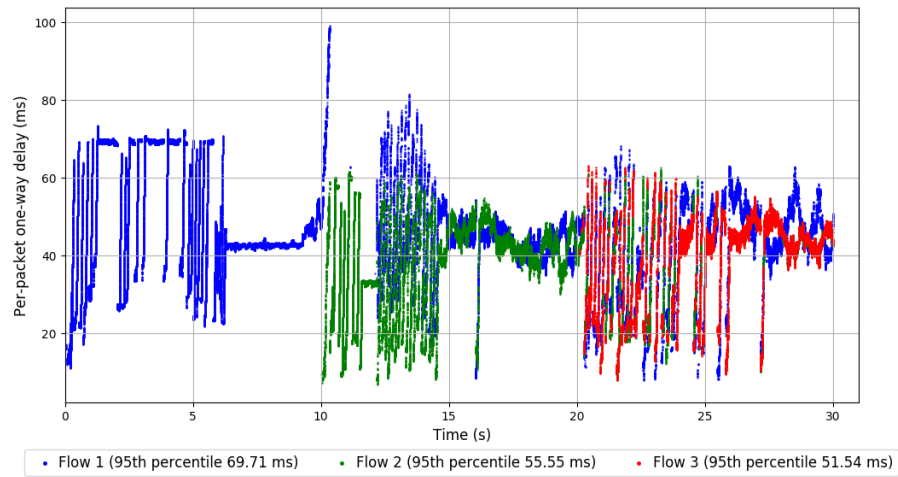
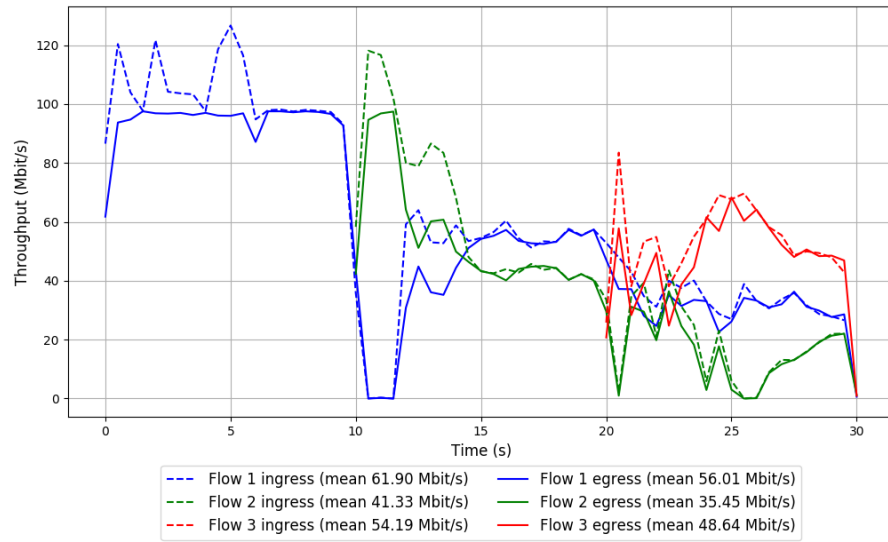


Run 10: Statistics of TCP BBR

Start at: 2017-09-18 06:27:30
End at: 2017-09-18 06:28:00
Local clock offset: 3.238 ms
Remote clock offset: -4.948 ms

Below is generated by plot.py at 2017-09-18 07:18:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.78 Mbit/s
95th percentile per-packet one-way delay: 69.473 ms
Loss rate: 10.76%
-- Flow 1:
Average throughput: 56.01 Mbit/s
95th percentile per-packet one-way delay: 69.711 ms
Loss rate: 9.44%
-- Flow 2:
Average throughput: 35.45 Mbit/s
95th percentile per-packet one-way delay: 55.548 ms
Loss rate: 14.08%
-- Flow 3:
Average throughput: 48.64 Mbit/s
95th percentile per-packet one-way delay: 51.537 ms
Loss rate: 10.22%

Run 10: Report of TCP BBR — Data Link

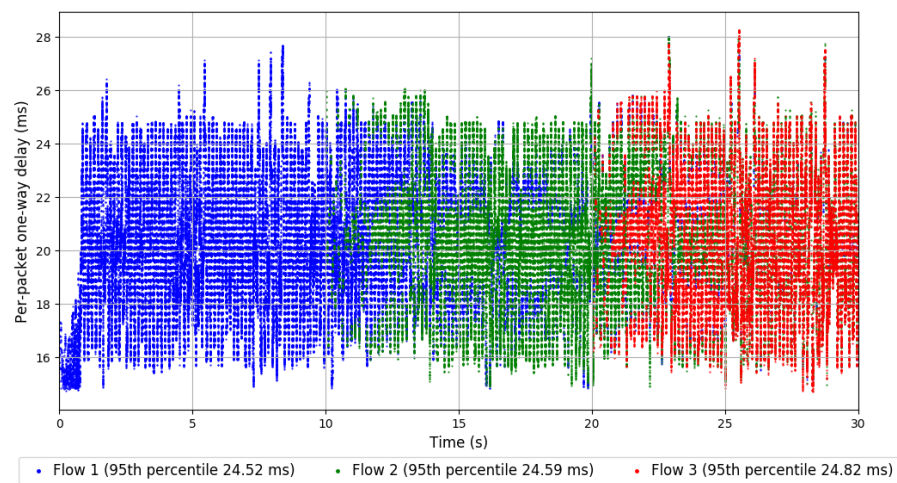
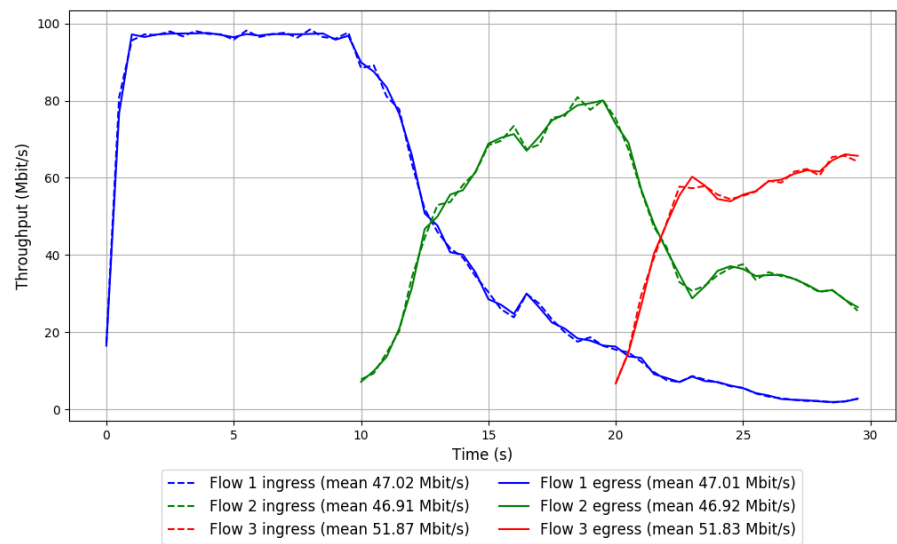


Run 1: Statistics of CalibratedKoho

Start at: 2017-09-18 03:47:32
End at: 2017-09-18 03:48:02
Local clock offset: -2.117 ms
Remote clock offset: -5.285 ms

Below is generated by plot.py at 2017-09-18 07:18:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.41 Mbit/s
95th percentile per-packet one-way delay: 24.571 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 47.01 Mbit/s
95th percentile per-packet one-way delay: 24.525 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 46.92 Mbit/s
95th percentile per-packet one-way delay: 24.593 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 51.83 Mbit/s
95th percentile per-packet one-way delay: 24.823 ms
Loss rate: 0.08%

Run 1: Report of CalibratedKoho — Data Link

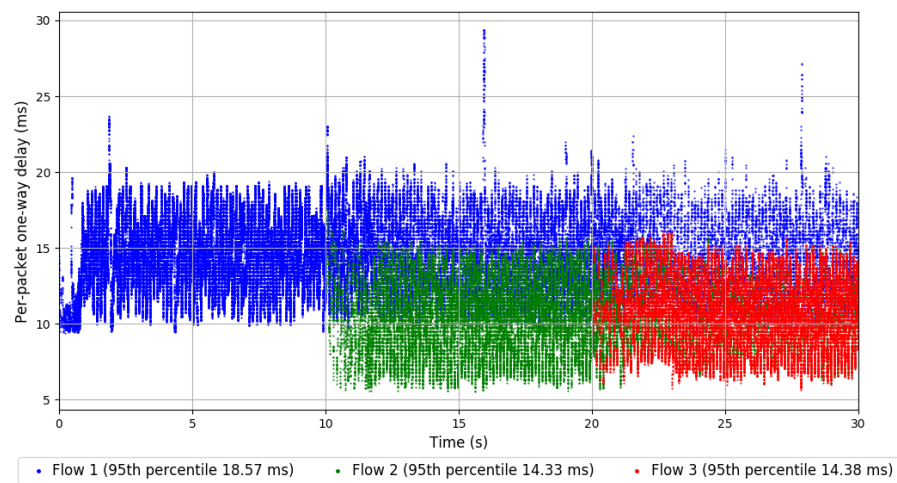
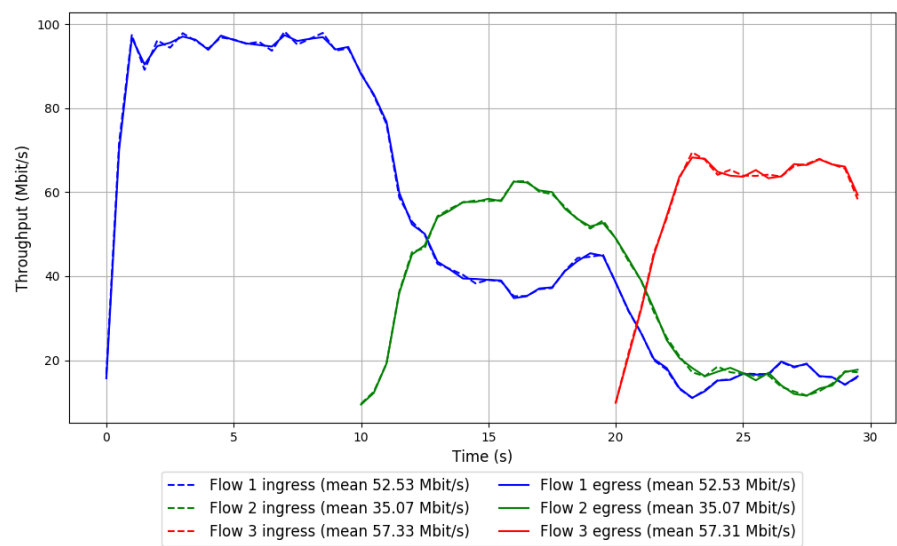


Run 2: Statistics of CalibratedKoho

Start at: 2017-09-18 04:07:01
End at: 2017-09-18 04:07:31
Local clock offset: 1.117 ms
Remote clock offset: -4.716 ms

Below is generated by plot.py at 2017-09-18 07:18:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.89 Mbit/s
95th percentile per-packet one-way delay: 18.077 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 52.53 Mbit/s
95th percentile per-packet one-way delay: 18.565 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 35.07 Mbit/s
95th percentile per-packet one-way delay: 14.333 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 57.31 Mbit/s
95th percentile per-packet one-way delay: 14.382 ms
Loss rate: 0.04%

Run 2: Report of CalibratedKoho — Data Link

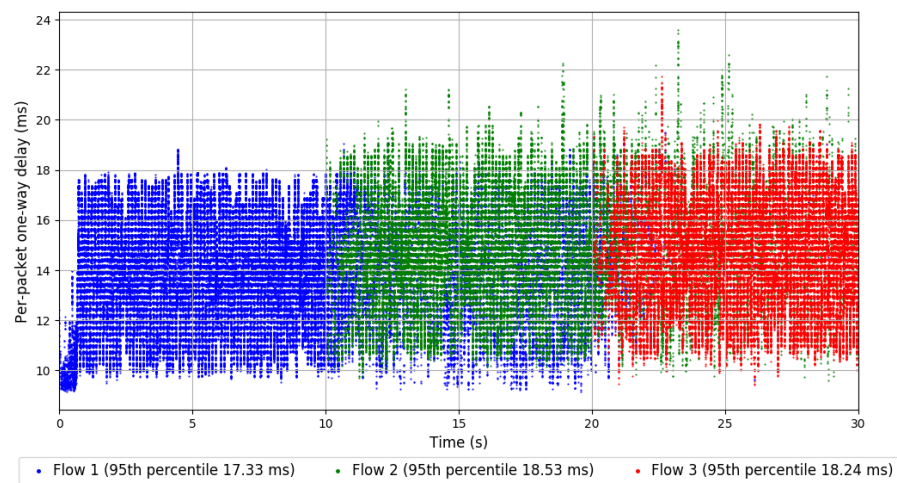
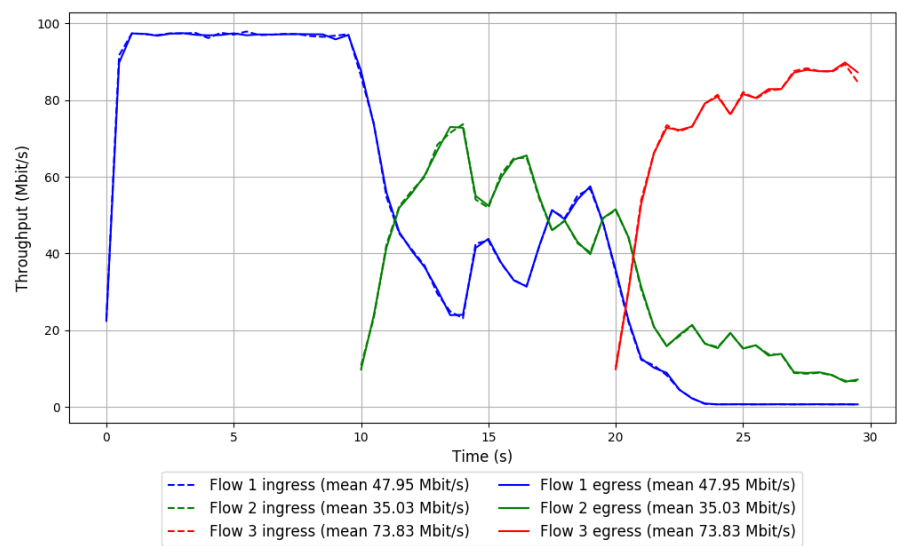


Run 3: Statistics of CalibratedKoho

Start at: 2017-09-18 04:25:29
End at: 2017-09-18 04:25:59
Local clock offset: -1.691 ms
Remote clock offset: -4.359 ms

Below is generated by plot.py at 2017-09-18 07:18:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.71 Mbit/s
95th percentile per-packet one-way delay: 17.988 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 47.95 Mbit/s
95th percentile per-packet one-way delay: 17.330 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 35.03 Mbit/s
95th percentile per-packet one-way delay: 18.529 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 73.83 Mbit/s
95th percentile per-packet one-way delay: 18.236 ms
Loss rate: 0.00%

Run 3: Report of CalibratedKoho — Data Link

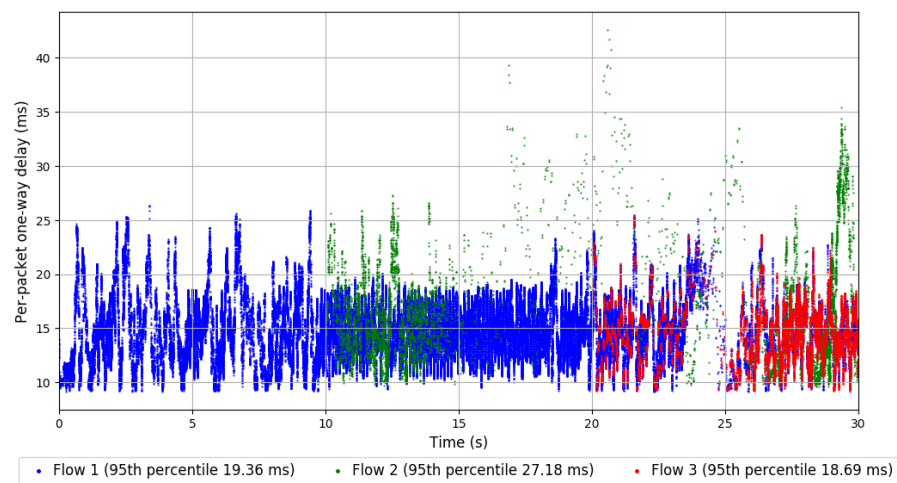
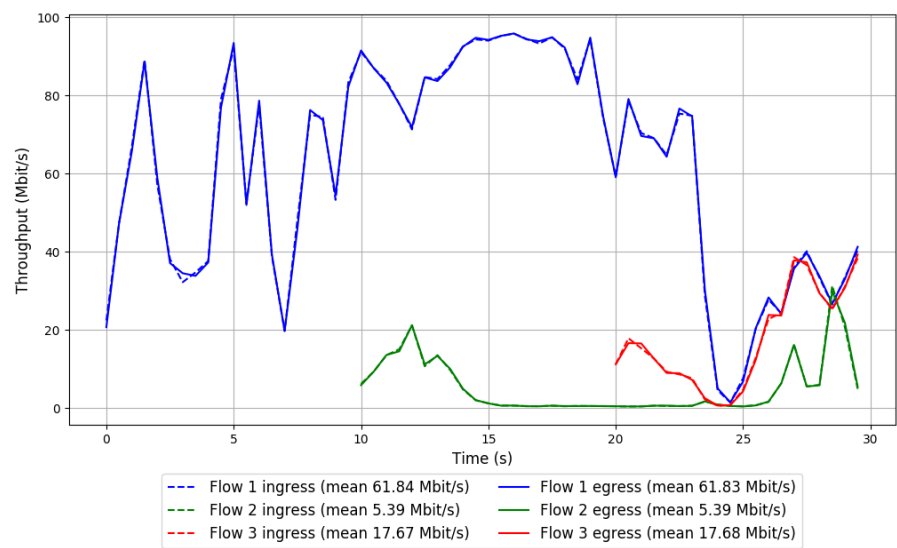


Run 4: Statistics of CalibratedKoho

Start at: 2017-09-18 04:45:27
End at: 2017-09-18 04:45:57
Local clock offset: -0.954 ms
Remote clock offset: -3.815 ms

Below is generated by plot.py at 2017-09-18 07:18:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 71.28 Mbit/s
95th percentile per-packet one-way delay: 19.802 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 61.83 Mbit/s
95th percentile per-packet one-way delay: 19.358 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 5.39 Mbit/s
95th percentile per-packet one-way delay: 27.182 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 17.68 Mbit/s
95th percentile per-packet one-way delay: 18.690 ms
Loss rate: 0.01%

Run 4: Report of CalibratedKoho — Data Link

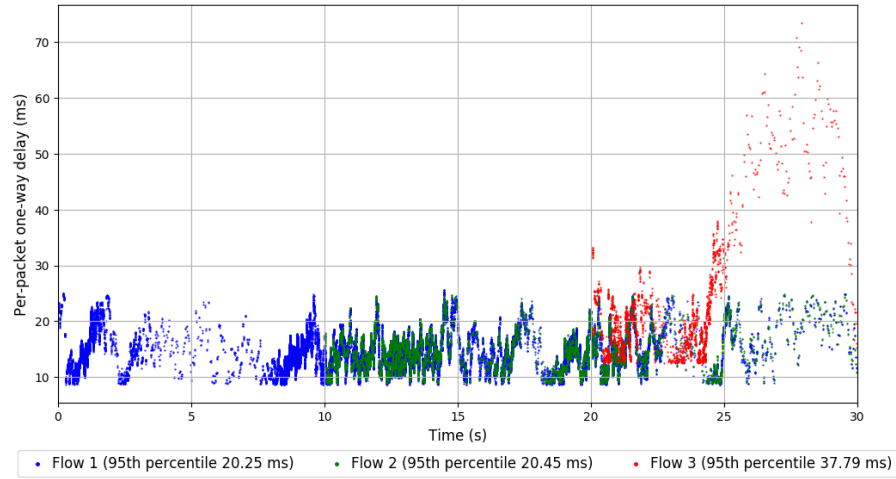
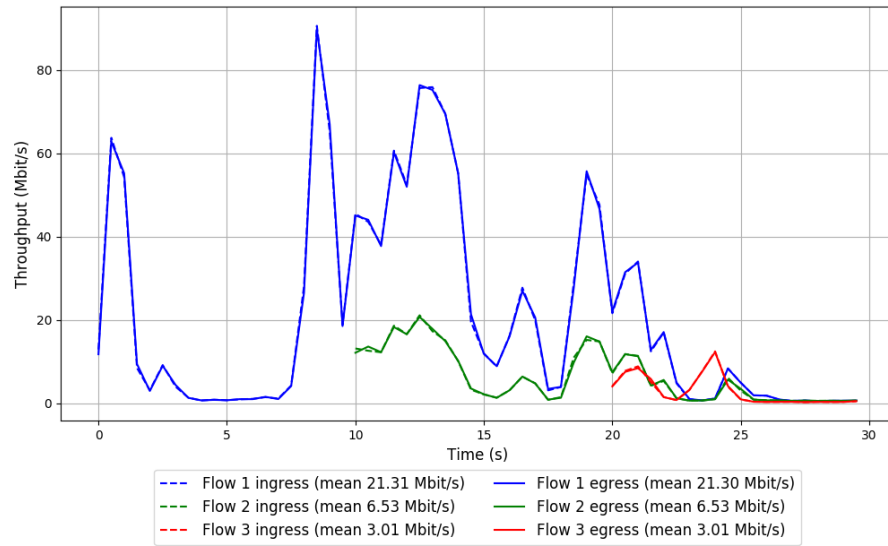


Run 5: Statistics of CalibratedKoho

Start at: 2017-09-18 05:04:58
End at: 2017-09-18 05:05:28
Local clock offset: 0.149 ms
Remote clock offset: -3.442 ms

Below is generated by plot.py at 2017-09-18 07:18:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 26.64 Mbit/s
95th percentile per-packet one-way delay: 20.993 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 21.30 Mbit/s
95th percentile per-packet one-way delay: 20.249 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 6.53 Mbit/s
95th percentile per-packet one-way delay: 20.452 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 3.01 Mbit/s
95th percentile per-packet one-way delay: 37.790 ms
Loss rate: 0.00%

Run 5: Report of CalibratedKoho — Data Link

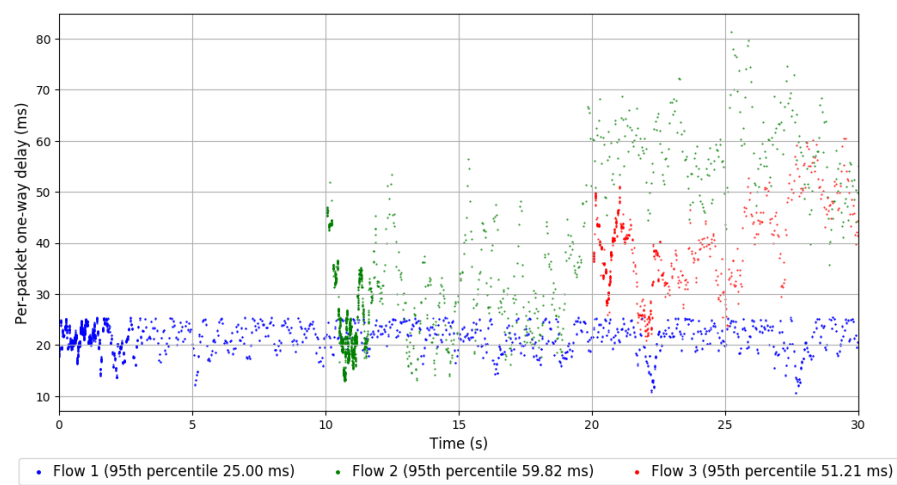
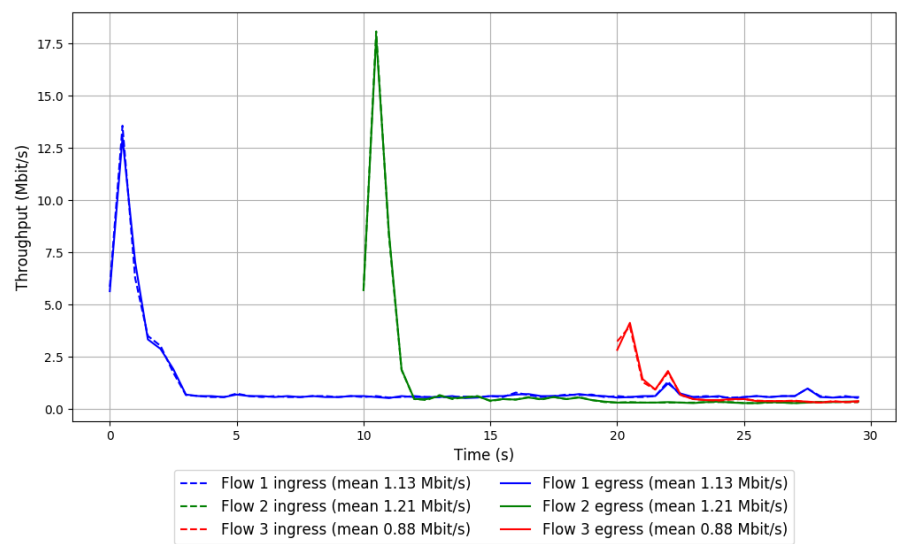


Run 6: Statistics of CalibratedKoho

Start at: 2017-09-18 05:25:08
End at: 2017-09-18 05:25:38
Local clock offset: 0.969 ms
Remote clock offset: -2.472 ms

Below is generated by plot.py at 2017-09-18 07:18:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 50.450 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 1.13 Mbit/s
95th percentile per-packet one-way delay: 25.004 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 1.21 Mbit/s
95th percentile per-packet one-way delay: 59.822 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.88 Mbit/s
95th percentile per-packet one-way delay: 51.213 ms
Loss rate: 0.00%

Run 6: Report of CalibratedKoho — Data Link

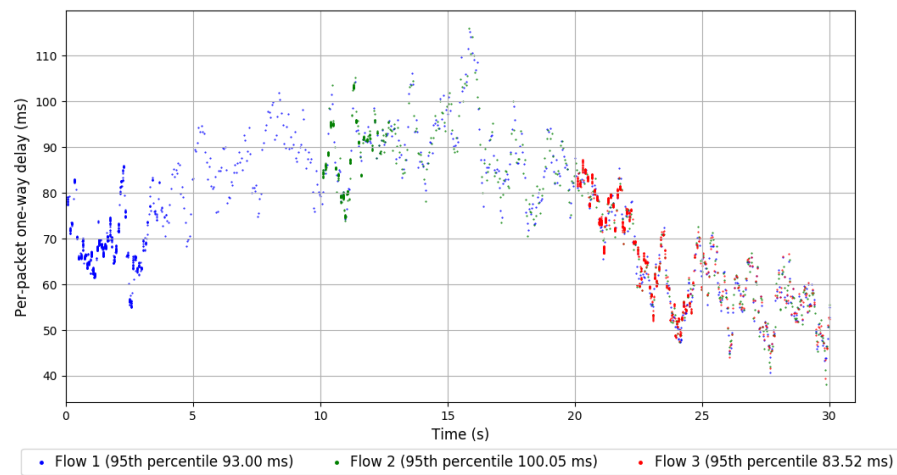
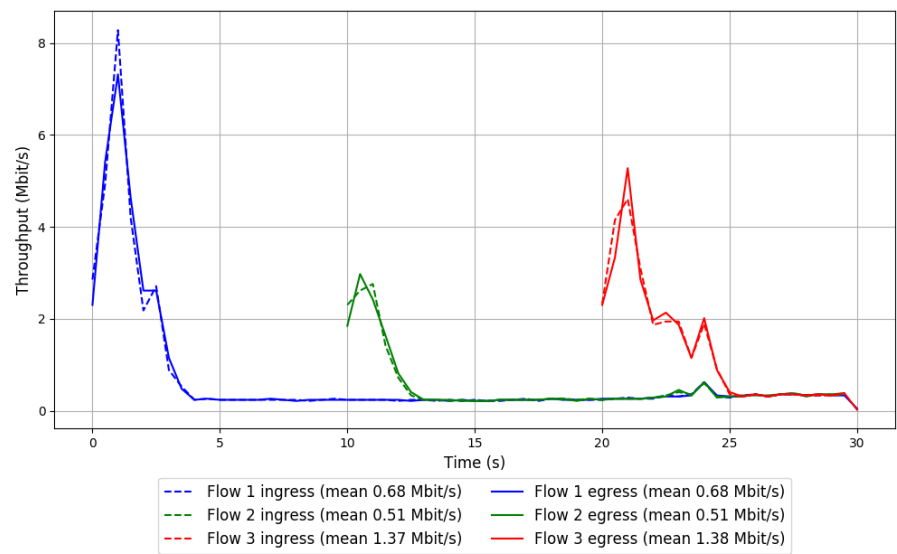


Run 7: Statistics of CalibratedKoho

Start at: 2017-09-18 05:44:54
End at: 2017-09-18 05:45:24
Local clock offset: -1.472 ms
Remote clock offset: -1.946 ms

Below is generated by plot.py at 2017-09-18 07:18:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 1.48 Mbit/s
95th percentile per-packet one-way delay: 94.633 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 0.68 Mbit/s
95th percentile per-packet one-way delay: 93.000 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 100.053 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.38 Mbit/s
95th percentile per-packet one-way delay: 83.521 ms
Loss rate: 0.00%

Run 7: Report of CalibratedKoho — Data Link

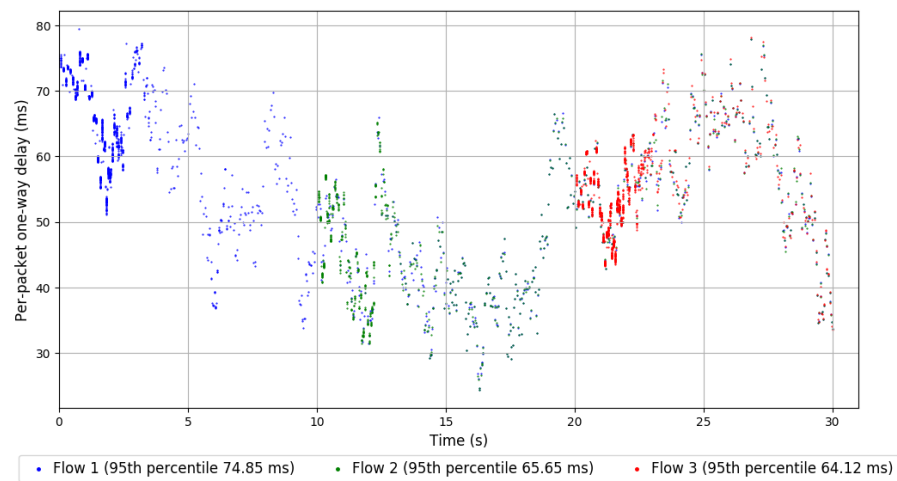
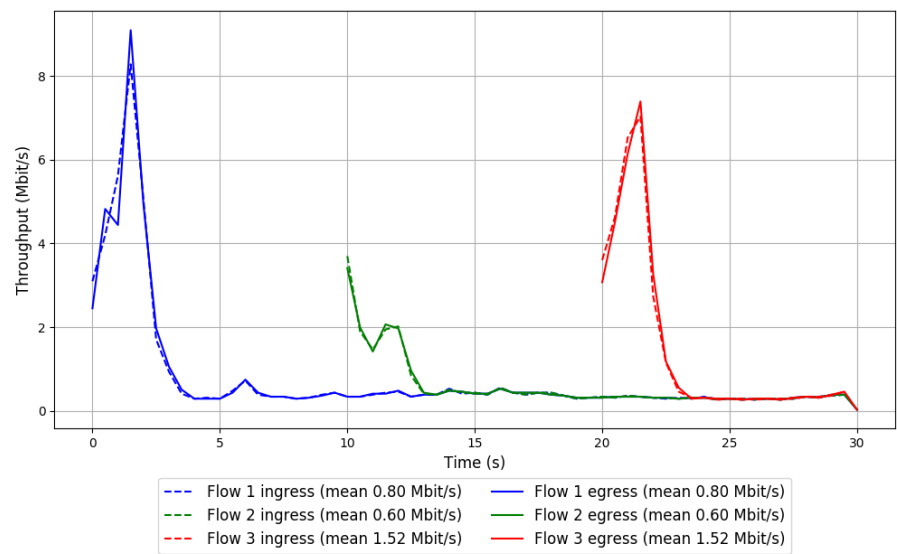


Run 8: Statistics of CalibratedKoho

Start at: 2017-09-18 06:04:21
End at: 2017-09-18 06:04:51
Local clock offset: 3.113 ms
Remote clock offset: -3.635 ms

Below is generated by plot.py at 2017-09-18 07:18:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 1.71 Mbit/s
95th percentile per-packet one-way delay: 73.298 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.80 Mbit/s
95th percentile per-packet one-way delay: 74.846 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 65.648 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.52 Mbit/s
95th percentile per-packet one-way delay: 64.123 ms
Loss rate: 0.00%

Run 8: Report of CalibratedKoho — Data Link

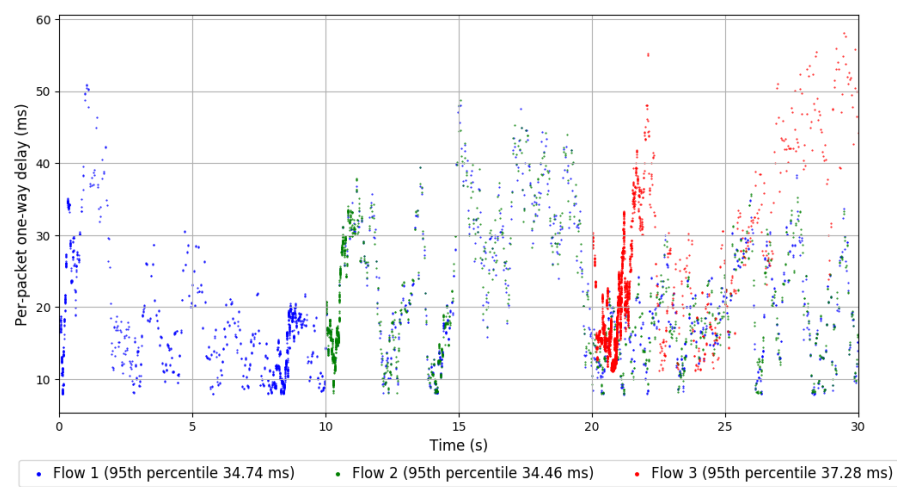
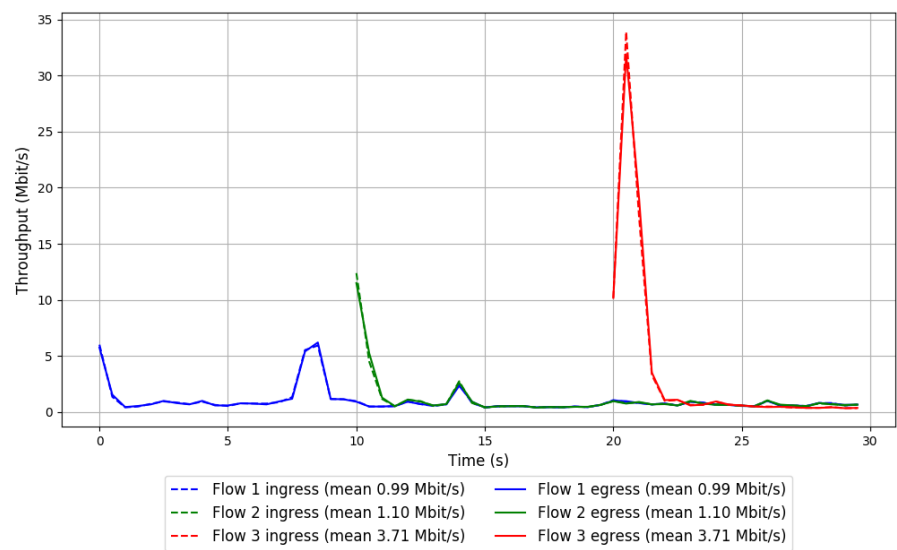


Run 9: Statistics of CalibratedKoho

Start at: 2017-09-18 06:23:36
End at: 2017-09-18 06:24:06
Local clock offset: 2.932 ms
Remote clock offset: -4.621 ms

Below is generated by plot.py at 2017-09-18 07:18:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.95 Mbit/s
95th percentile per-packet one-way delay: 36.031 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 0.99 Mbit/s
95th percentile per-packet one-way delay: 34.743 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.10 Mbit/s
95th percentile per-packet one-way delay: 34.460 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.71 Mbit/s
95th percentile per-packet one-way delay: 37.280 ms
Loss rate: 0.03%

Run 9: Report of CalibratedKoho — Data Link

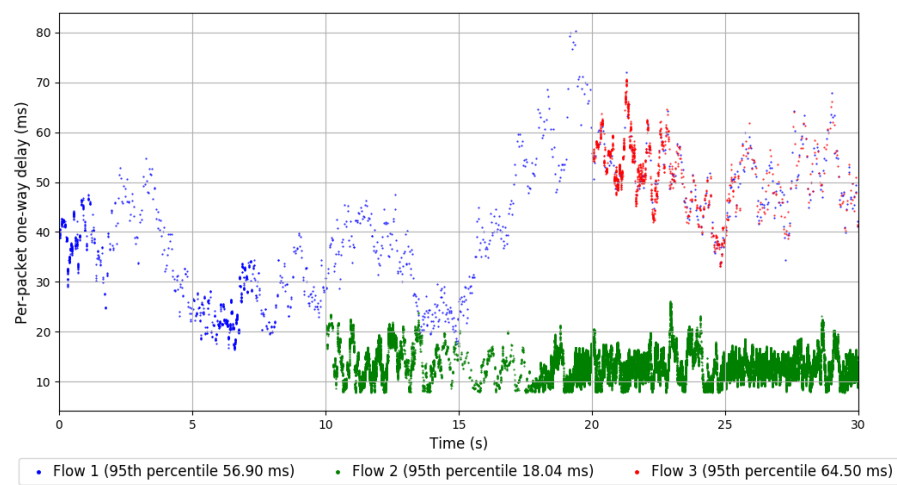
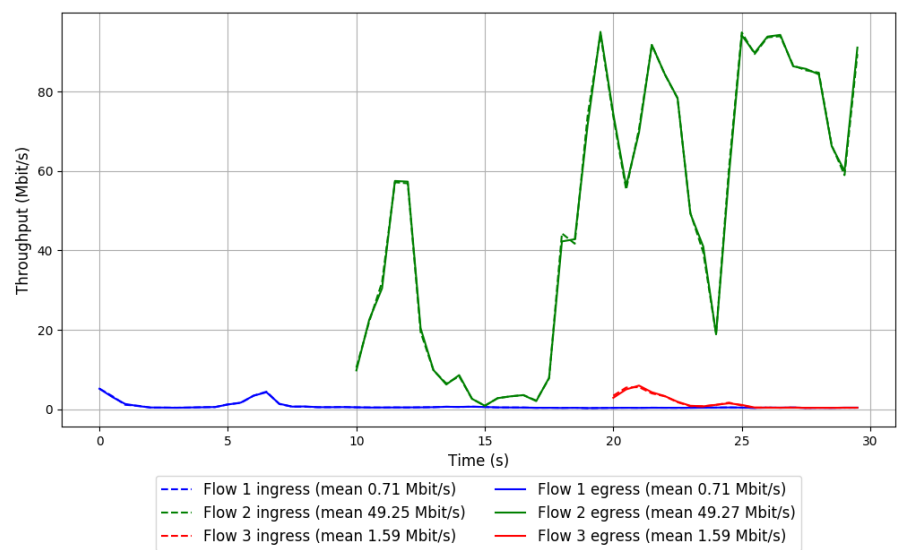


Run 10: Statistics of CalibratedKoho

Start at: 2017-09-18 06:42:30
End at: 2017-09-18 06:43:00
Local clock offset: 2.869 ms
Remote clock offset: -4.764 ms

Below is generated by plot.py at 2017-09-18 07:18:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 34.07 Mbit/s
95th percentile per-packet one-way delay: 20.189 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.71 Mbit/s
95th percentile per-packet one-way delay: 56.903 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 49.27 Mbit/s
95th percentile per-packet one-way delay: 18.037 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.59 Mbit/s
95th percentile per-packet one-way delay: 64.501 ms
Loss rate: 0.00%

Run 10: Report of CalibratedKoho — Data Link

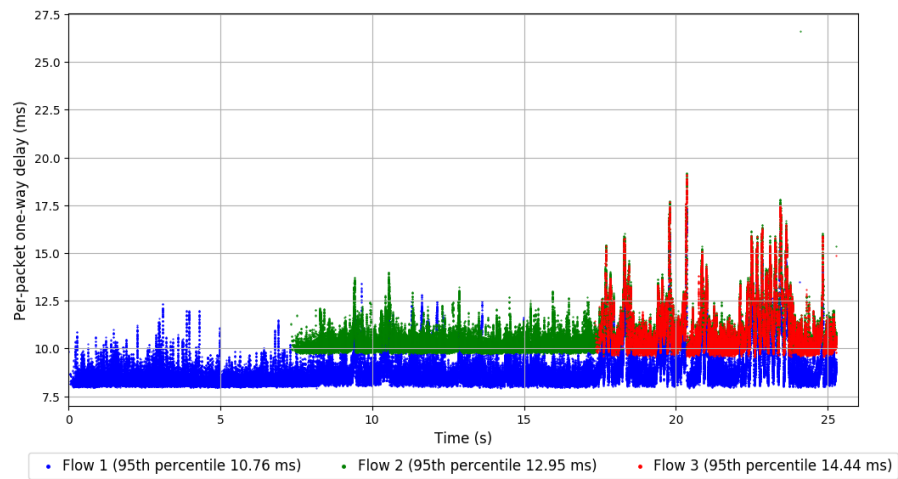
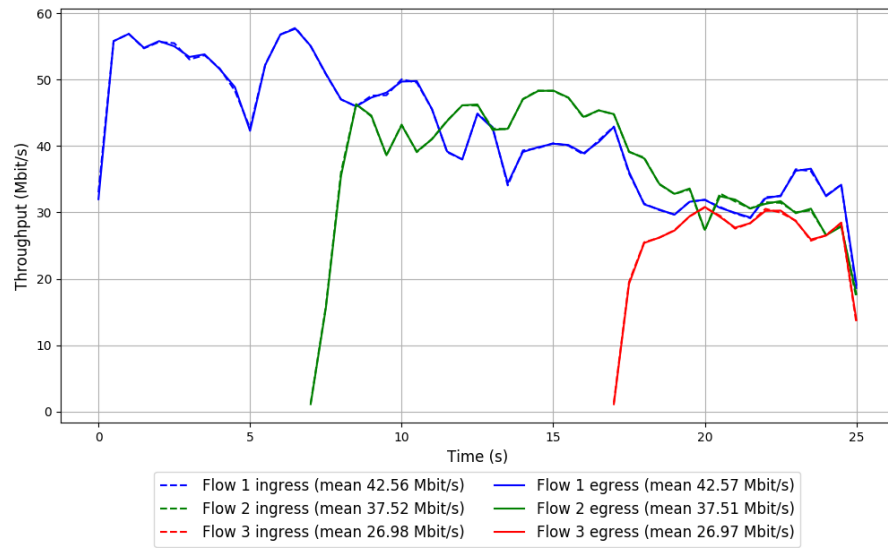


Run 1: Statistics of Copa

Start at: 2017-09-18 03:42:09
End at: 2017-09-18 03:42:39
Local clock offset: 0.047 ms
Remote clock offset: -4.033 ms

Below is generated by plot.py at 2017-09-18 07:19:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.71 Mbit/s
95th percentile per-packet one-way delay: 12.438 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 42.57 Mbit/s
95th percentile per-packet one-way delay: 10.757 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 37.51 Mbit/s
95th percentile per-packet one-way delay: 12.946 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 26.97 Mbit/s
95th percentile per-packet one-way delay: 14.439 ms
Loss rate: 0.01%

Run 1: Report of Copa — Data Link

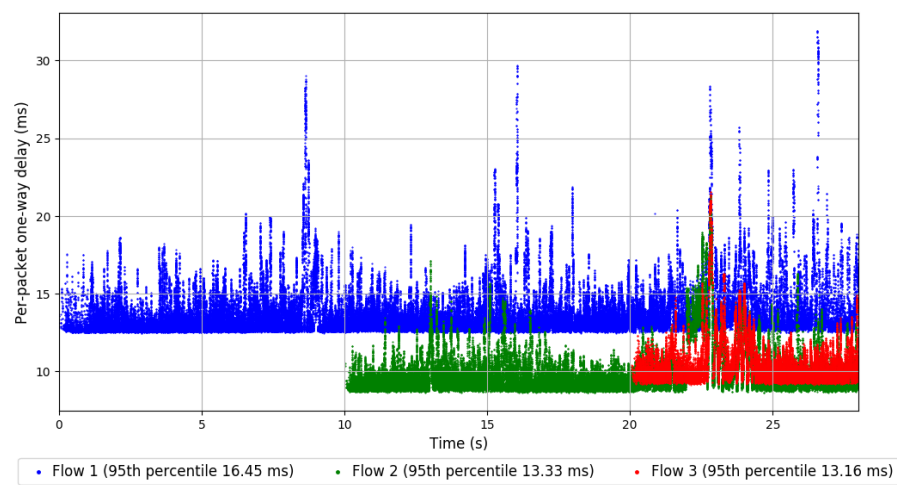
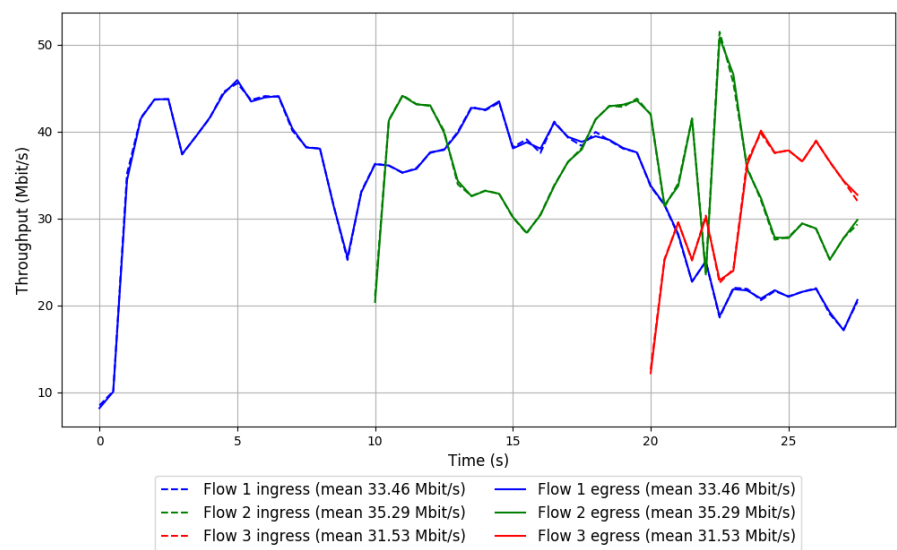


Run 2: Statistics of Copa

Start at: 2017-09-18 04:01:52
End at: 2017-09-18 04:02:22
Local clock offset: -1.775 ms
Remote clock offset: -4.476 ms

Below is generated by plot.py at 2017-09-18 07:19:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 65.05 Mbit/s
95th percentile per-packet one-way delay: 15.491 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 33.46 Mbit/s
95th percentile per-packet one-way delay: 16.446 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 35.29 Mbit/s
95th percentile per-packet one-way delay: 13.329 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 31.53 Mbit/s
95th percentile per-packet one-way delay: 13.161 ms
Loss rate: 0.00%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2017-09-18 04:20:37

End at: 2017-09-18 04:21:07

Local clock offset: 0.62 ms

Remote clock offset: -4.32 ms

Below is generated by plot.py at 2017-09-18 07:20:09

Datalink statistics

-- Total of 3 flows:

Average throughput: 59.69 Mbit/s

95th percentile per-packet one-way delay: 10.354 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 32.37 Mbit/s

95th percentile per-packet one-way delay: 10.364 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 27.84 Mbit/s

95th percentile per-packet one-way delay: 10.853 ms

Loss rate: 0.00%

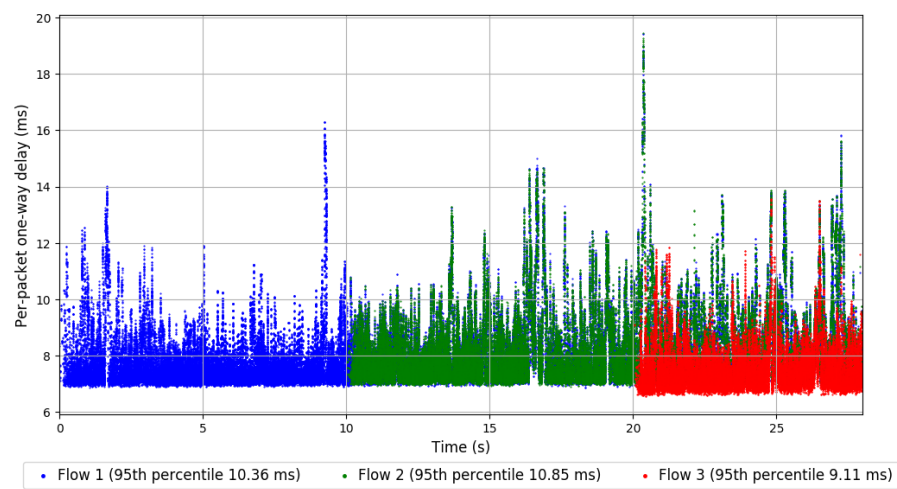
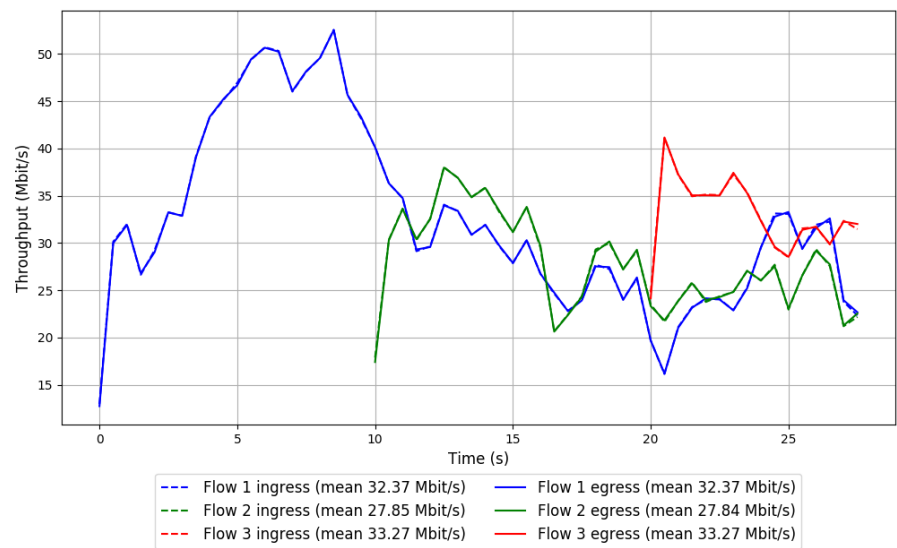
-- Flow 3:

Average throughput: 33.27 Mbit/s

95th percentile per-packet one-way delay: 9.113 ms

Loss rate: 0.00%

Run 3: Report of Copa — Data Link

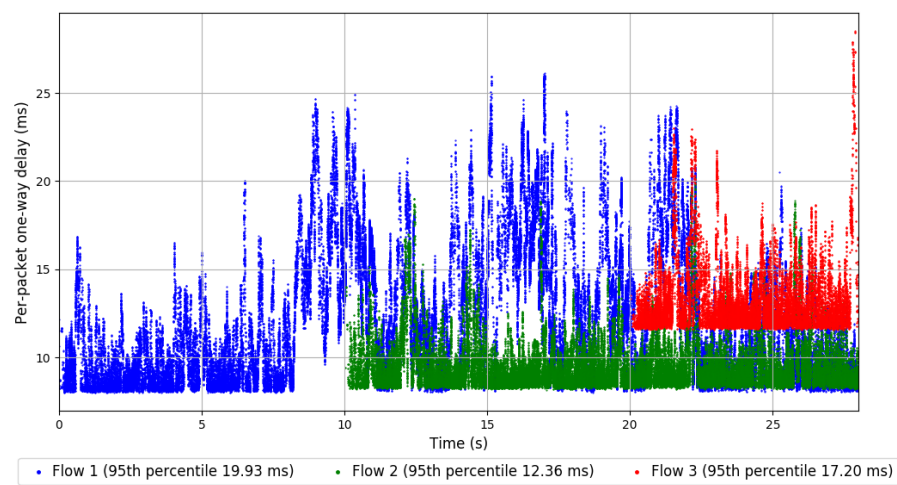
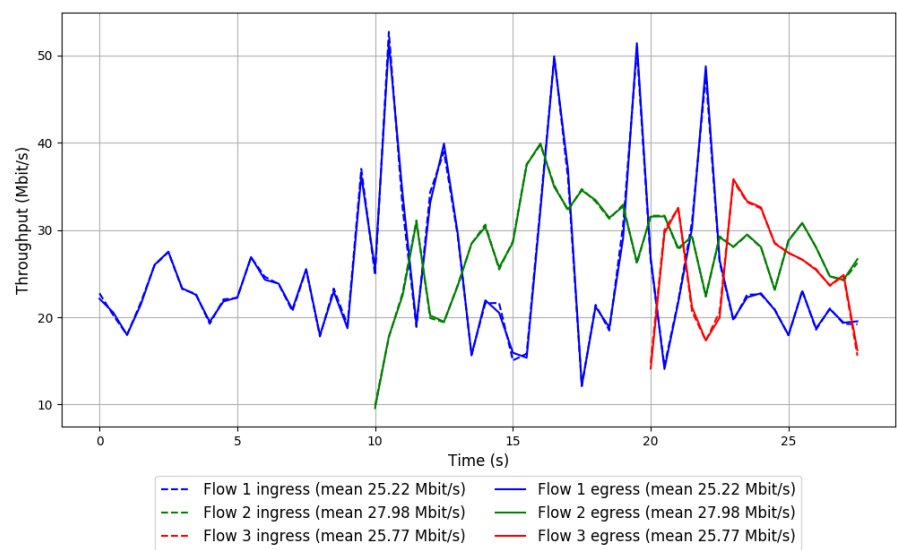


Run 4: Statistics of Copa

Start at: 2017-09-18 04:40:08
End at: 2017-09-18 04:40:38
Local clock offset: -0.83 ms
Remote clock offset: -4.867 ms

Below is generated by plot.py at 2017-09-18 07:20:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 50.49 Mbit/s
95th percentile per-packet one-way delay: 18.364 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 25.22 Mbit/s
95th percentile per-packet one-way delay: 19.925 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 27.98 Mbit/s
95th percentile per-packet one-way delay: 12.361 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 25.77 Mbit/s
95th percentile per-packet one-way delay: 17.200 ms
Loss rate: 0.01%

Run 4: Report of Copa — Data Link

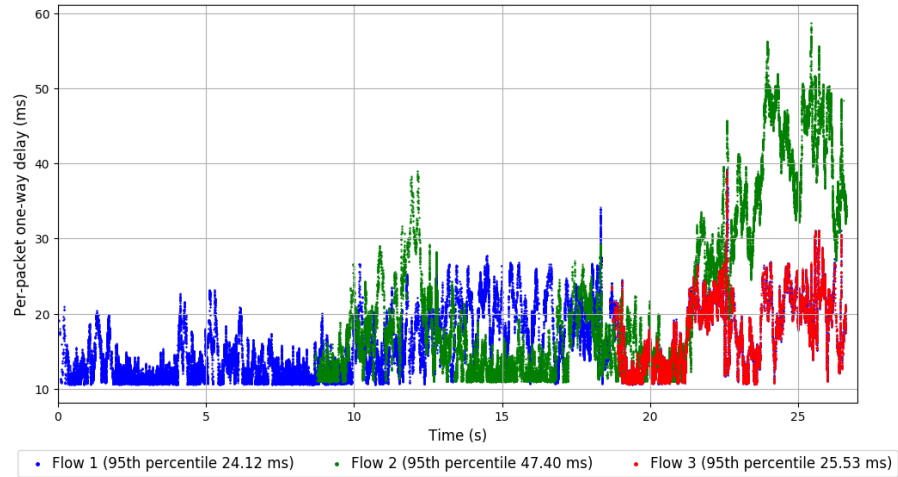
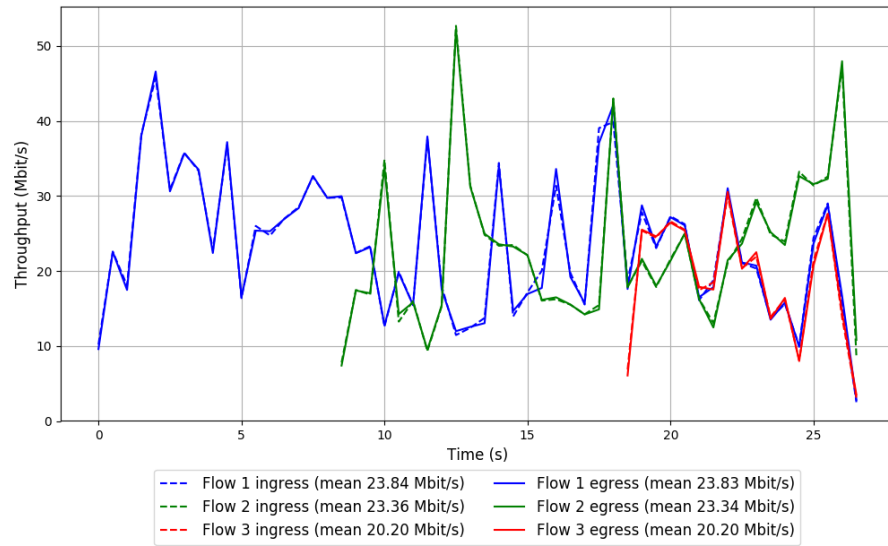


Run 5: Statistics of Copa

Start at: 2017-09-18 04:59:48
End at: 2017-09-18 05:00:18
Local clock offset: -2.09 ms
Remote clock offset: -3.637 ms

```
# Below is generated by plot.py at 2017-09-18 07:20:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 45.62 Mbit/s
95th percentile per-packet one-way delay: 39.307 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 23.83 Mbit/s
95th percentile per-packet one-way delay: 24.123 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 23.34 Mbit/s
95th percentile per-packet one-way delay: 47.399 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 20.20 Mbit/s
95th percentile per-packet one-way delay: 25.529 ms
Loss rate: 0.05%
```

Run 5: Report of Copa — Data Link

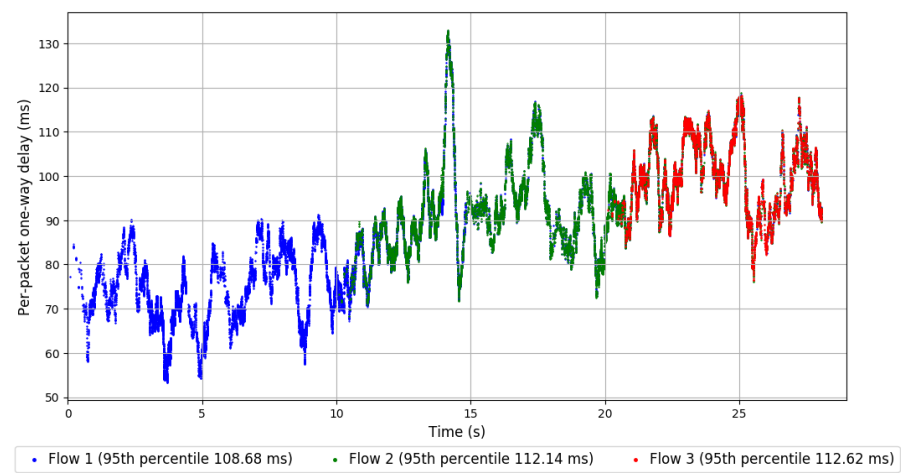
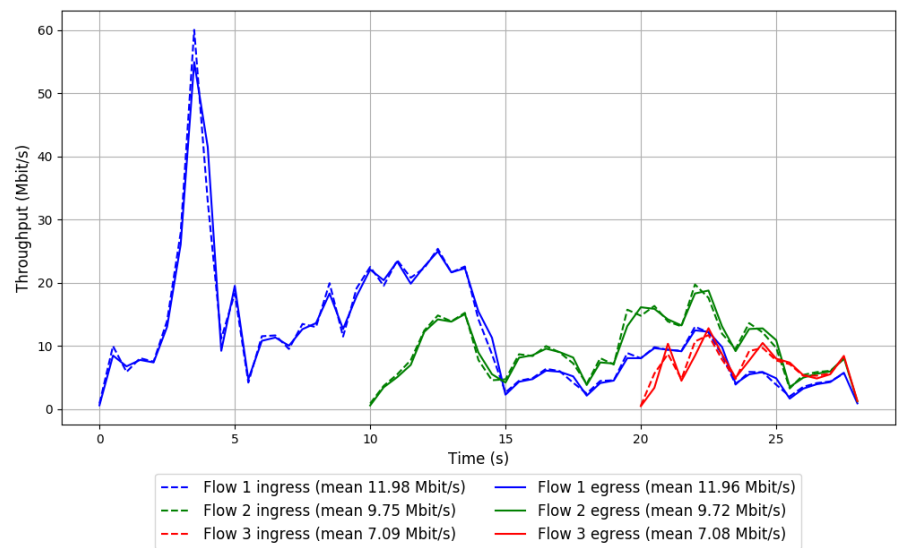


Run 6: Statistics of Copa

Start at: 2017-09-18 05:19:33
End at: 2017-09-18 05:20:03
Local clock offset: -2.077 ms
Remote clock offset: -4.415 ms

Below is generated by plot.py at 2017-09-18 07:20:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 20.22 Mbit/s
95th percentile per-packet one-way delay: 111.132 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 11.96 Mbit/s
95th percentile per-packet one-way delay: 108.677 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 9.72 Mbit/s
95th percentile per-packet one-way delay: 112.137 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 7.08 Mbit/s
95th percentile per-packet one-way delay: 112.617 ms
Loss rate: 0.21%

Run 6: Report of Copa — Data Link

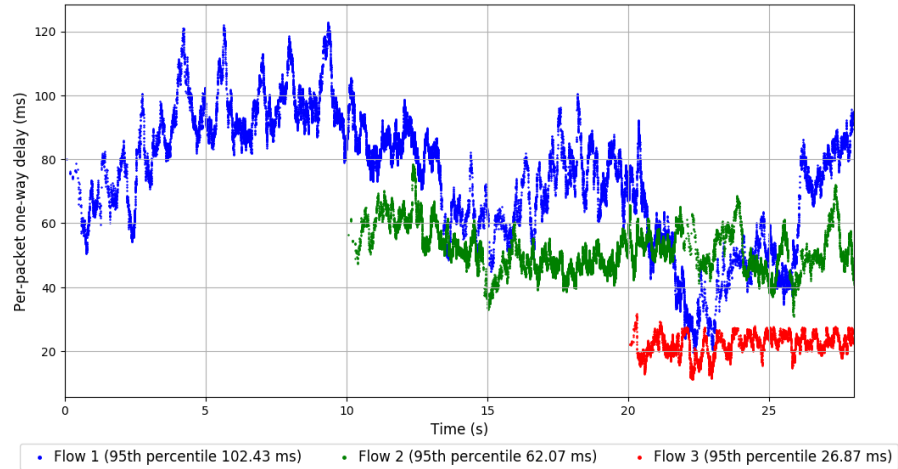
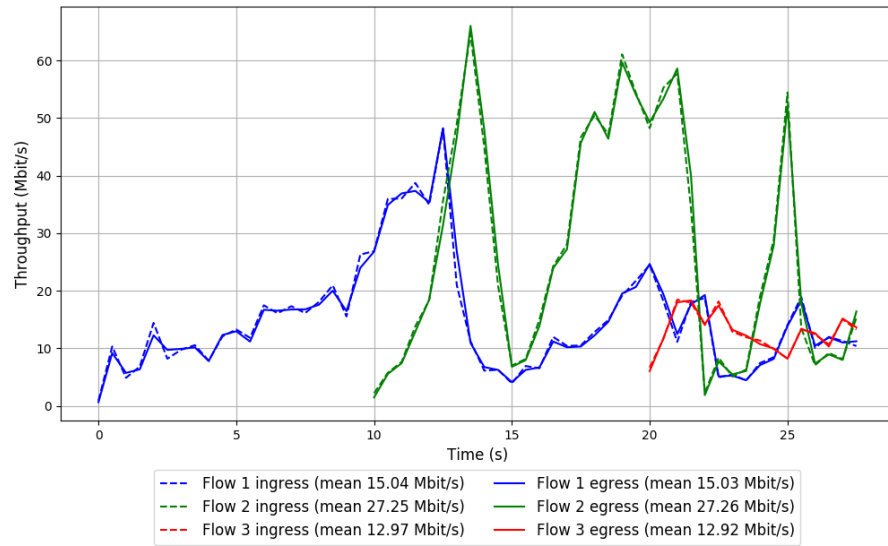


Run 7: Statistics of Copa

Start at: 2017-09-18 05:39:44
End at: 2017-09-18 05:40:14
Local clock offset: -0.944 ms
Remote clock offset: -2.979 ms

Below is generated by plot.py at 2017-09-18 07:20:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 36.21 Mbit/s
95th percentile per-packet one-way delay: 95.715 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 15.03 Mbit/s
95th percentile per-packet one-way delay: 102.428 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 27.26 Mbit/s
95th percentile per-packet one-way delay: 62.072 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 12.92 Mbit/s
95th percentile per-packet one-way delay: 26.871 ms
Loss rate: 0.36%

Run 7: Report of Copa — Data Link

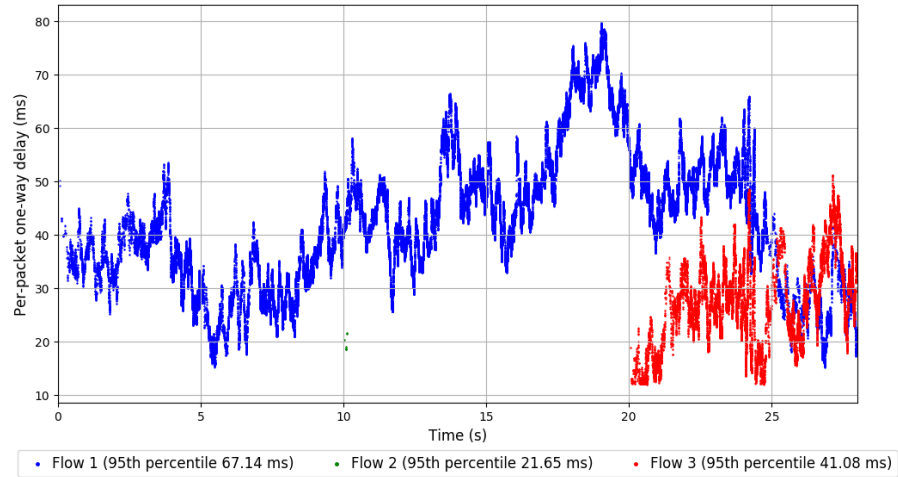
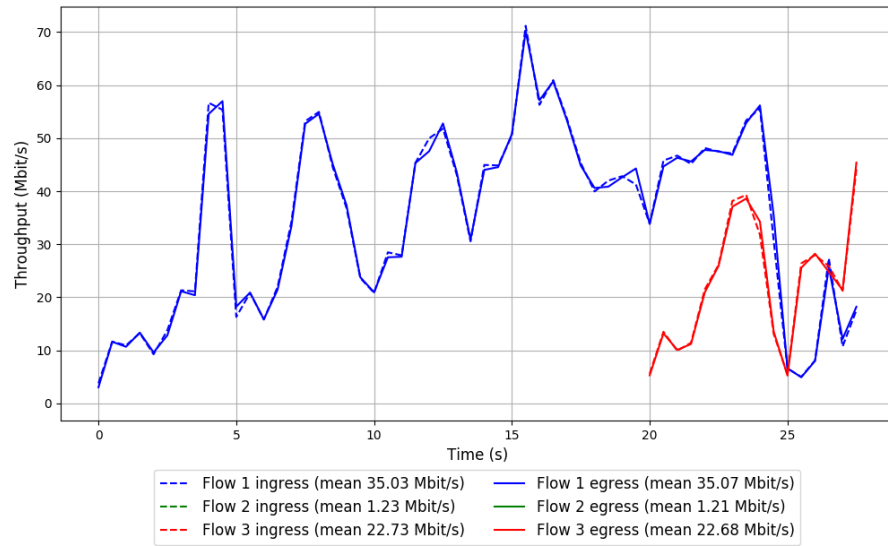


Run 8: Statistics of Copa

Start at: 2017-09-18 05:59:15
End at: 2017-09-18 05:59:45
Local clock offset: 1.3 ms
Remote clock offset: -4.588 ms

Below is generated by plot.py at 2017-09-18 07:20:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 41.52 Mbit/s
95th percentile per-packet one-way delay: 65.664 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 35.07 Mbit/s
95th percentile per-packet one-way delay: 67.144 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.21 Mbit/s
95th percentile per-packet one-way delay: 21.646 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 22.68 Mbit/s
95th percentile per-packet one-way delay: 41.084 ms
Loss rate: 0.22%

Run 8: Report of Copa — Data Link

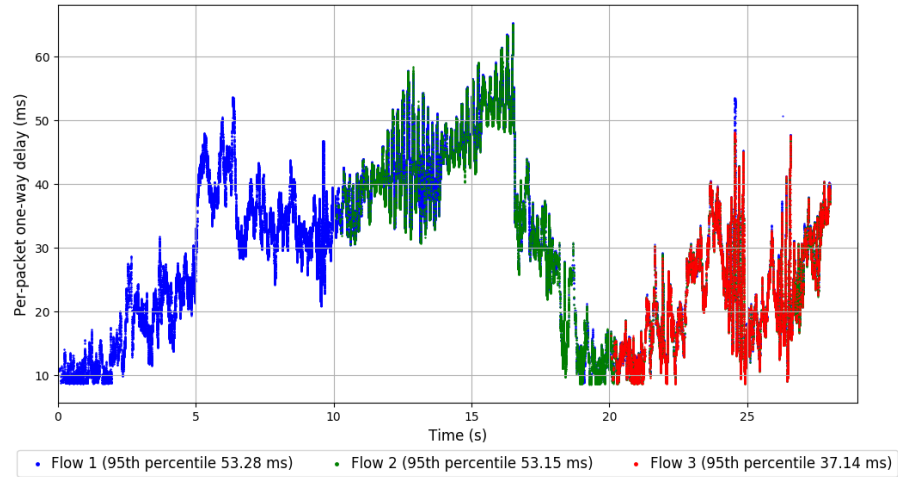
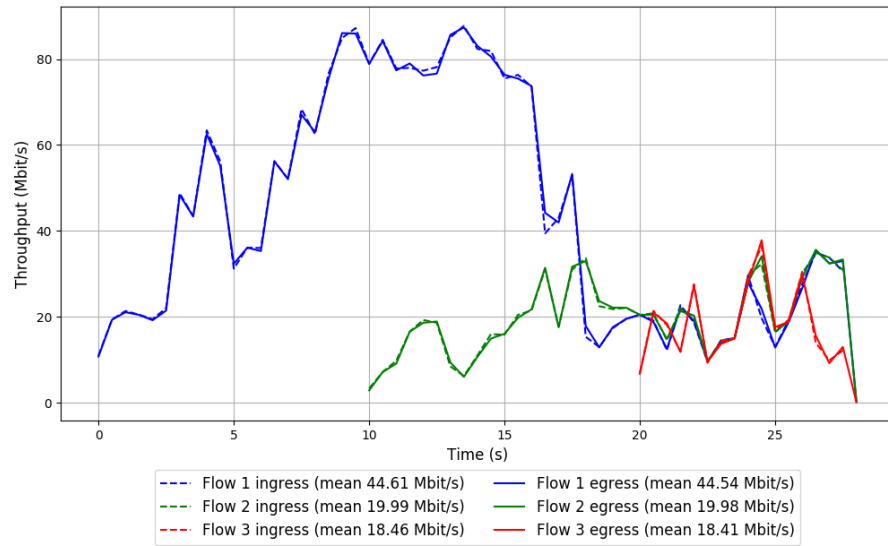


Run 9: Statistics of Copa

Start at: 2017-09-18 06:18:42
End at: 2017-09-18 06:19:12
Local clock offset: 2.609 ms
Remote clock offset: -3.922 ms

Below is generated by plot.py at 2017-09-18 07:21:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.59 Mbit/s
95th percentile per-packet one-way delay: 52.826 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 44.54 Mbit/s
95th percentile per-packet one-way delay: 53.283 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 19.98 Mbit/s
95th percentile per-packet one-way delay: 53.150 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 18.41 Mbit/s
95th percentile per-packet one-way delay: 37.142 ms
Loss rate: 0.00%

Run 9: Report of Copa — Data Link

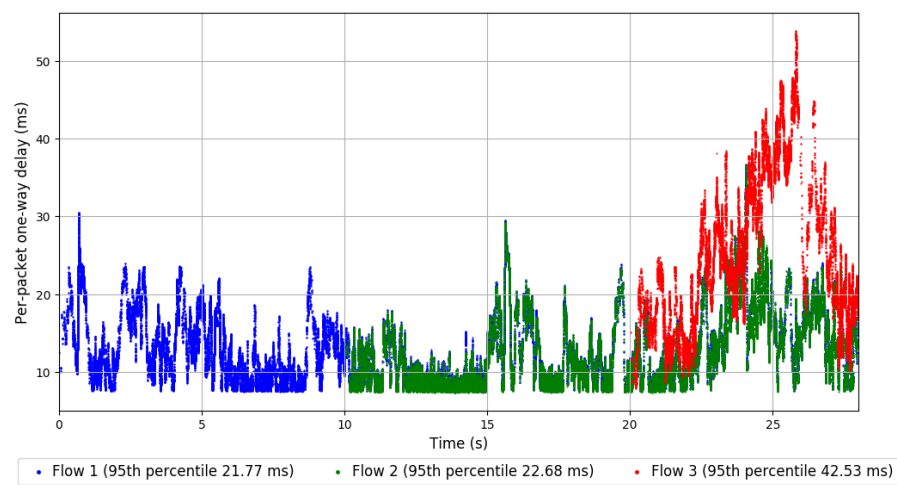
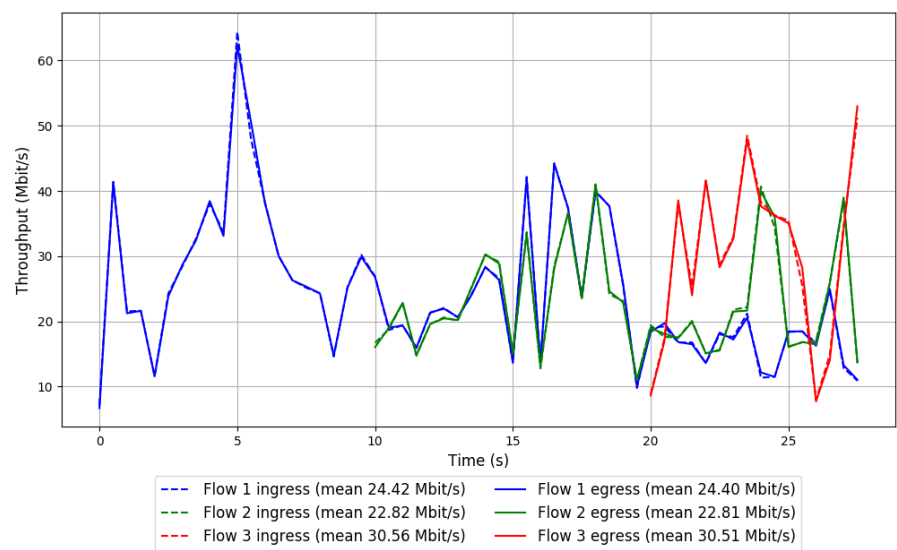


Run 10: Statistics of Copa

Start at: 2017-09-18 06:37:31
End at: 2017-09-18 06:38:01
Local clock offset: 4.279 ms
Remote clock offset: -3.692 ms

Below is generated by plot.py at 2017-09-18 07:21:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 47.70 Mbit/s
95th percentile per-packet one-way delay: 31.175 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 24.40 Mbit/s
95th percentile per-packet one-way delay: 21.768 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 22.81 Mbit/s
95th percentile per-packet one-way delay: 22.678 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 30.51 Mbit/s
95th percentile per-packet one-way delay: 42.528 ms
Loss rate: 0.11%

Run 10: Report of Copa — Data Link

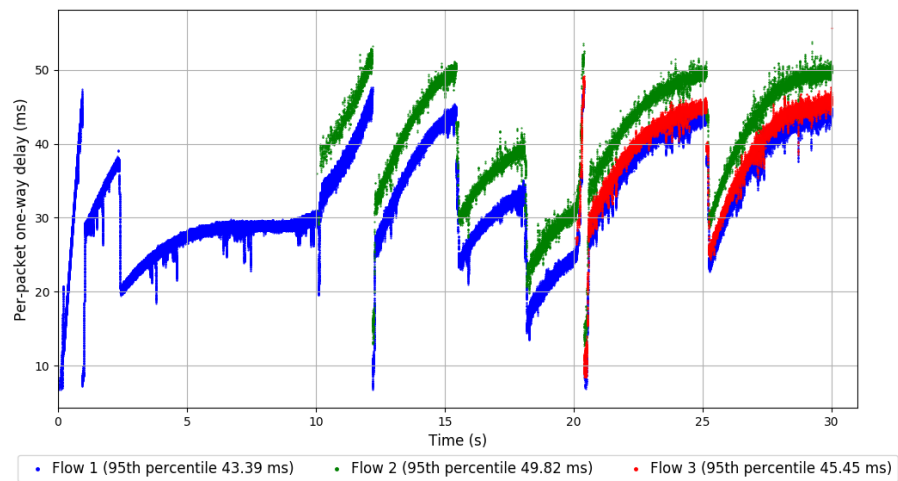
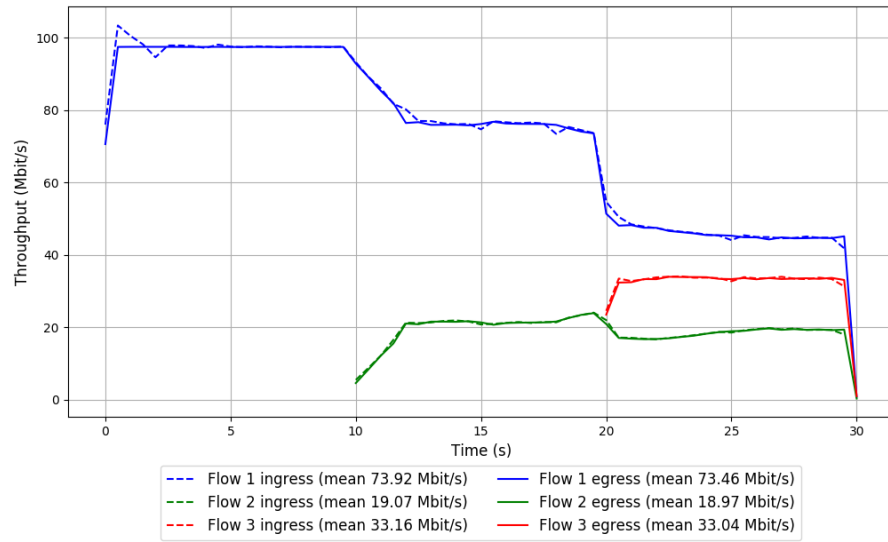


Run 1: Statistics of TCP Cubic

Start at: 2017-09-18 03:40:42
End at: 2017-09-18 03:41:12
Local clock offset: 0.319 ms
Remote clock offset: -4.954 ms

Below is generated by plot.py at 2017-09-18 07:21:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.04 Mbit/s
95th percentile per-packet one-way delay: 45.715 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 73.46 Mbit/s
95th percentile per-packet one-way delay: 43.391 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 18.97 Mbit/s
95th percentile per-packet one-way delay: 49.817 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 33.04 Mbit/s
95th percentile per-packet one-way delay: 45.449 ms
Loss rate: 0.09%

Run 1: Report of TCP Cubic — Data Link

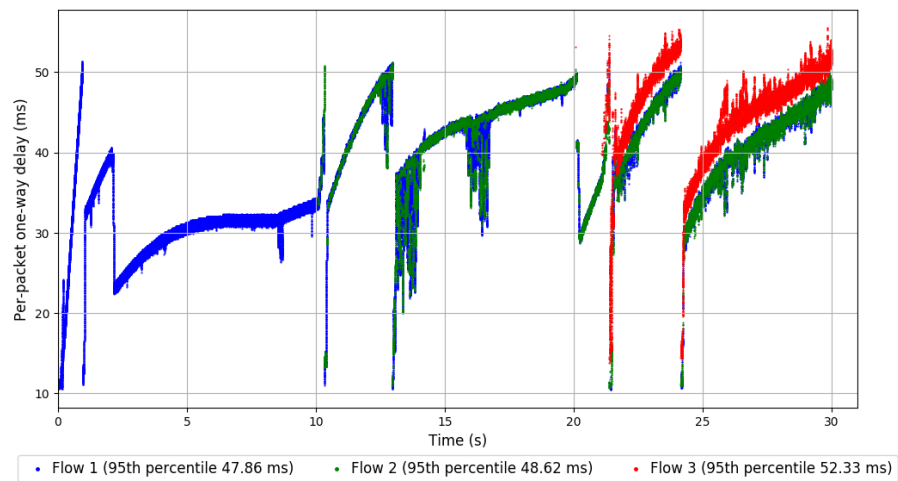
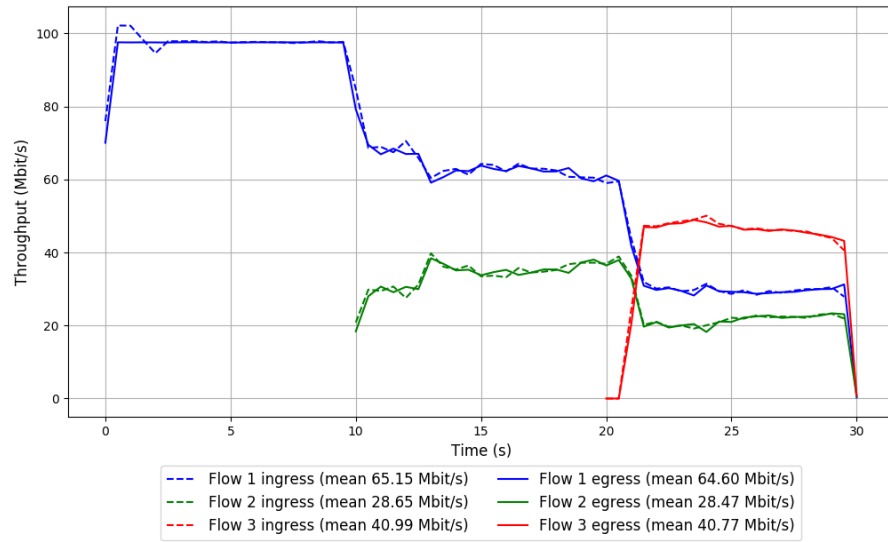


Run 2: Statistics of TCP Cubic

Start at: 2017-09-18 04:00:37
End at: 2017-09-18 04:01:07
Local clock offset: -3.221 ms
Remote clock offset: -4.652 ms

Below is generated by plot.py at 2017-09-18 07:21:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 49.112 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 64.60 Mbit/s
95th percentile per-packet one-way delay: 47.860 ms
Loss rate: 0.72%
-- Flow 2:
Average throughput: 28.47 Mbit/s
95th percentile per-packet one-way delay: 48.617 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 40.77 Mbit/s
95th percentile per-packet one-way delay: 52.329 ms
Loss rate: 0.59%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2017-09-18 04:19:21

End at: 2017-09-18 04:19:51

Local clock offset: -2.232 ms

Remote clock offset: -4.27 ms

Below is generated by plot.py at 2017-09-18 07:21:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.05 Mbit/s

95th percentile per-packet one-way delay: 46.732 ms

Loss rate: 0.58%

-- Flow 1:

Average throughput: 68.92 Mbit/s

95th percentile per-packet one-way delay: 46.511 ms

Loss rate: 0.55%

-- Flow 2:

Average throughput: 27.66 Mbit/s

95th percentile per-packet one-way delay: 46.983 ms

Loss rate: 0.53%

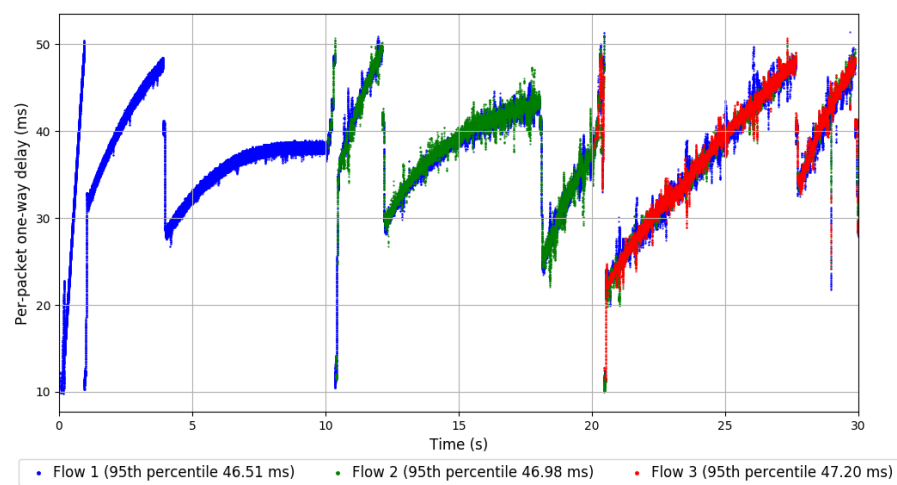
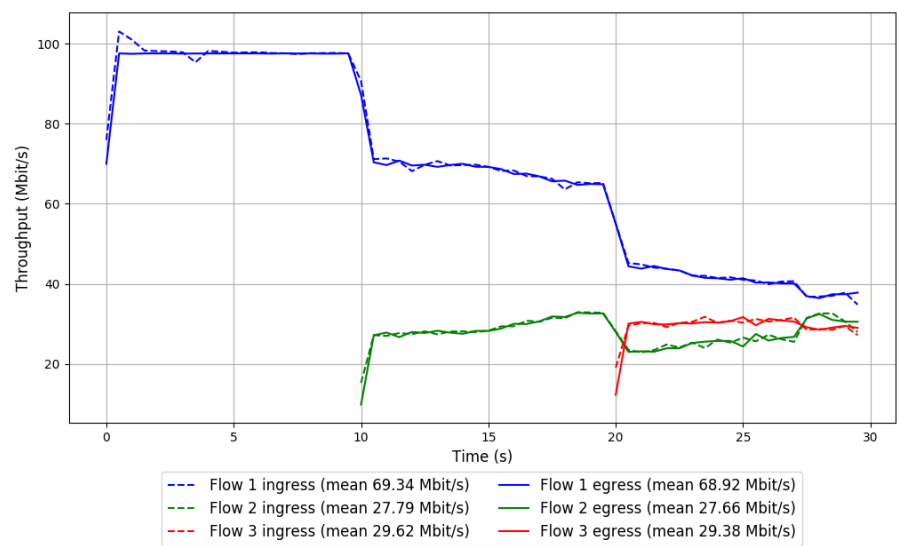
-- Flow 3:

Average throughput: 29.38 Mbit/s

95th percentile per-packet one-way delay: 47.198 ms

Loss rate: 0.89%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2017-09-18 04:38:46

End at: 2017-09-18 04:39:16

Local clock offset: -2.731 ms

Remote clock offset: -4.84 ms

Below is generated by plot.py at 2017-09-18 07:21:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.88 Mbit/s

95th percentile per-packet one-way delay: 63.914 ms

Loss rate: 1.05%

-- Flow 1:

Average throughput: 66.66 Mbit/s

95th percentile per-packet one-way delay: 65.481 ms

Loss rate: 1.15%

-- Flow 2:

Average throughput: 26.55 Mbit/s

95th percentile per-packet one-way delay: 52.170 ms

Loss rate: 1.09%

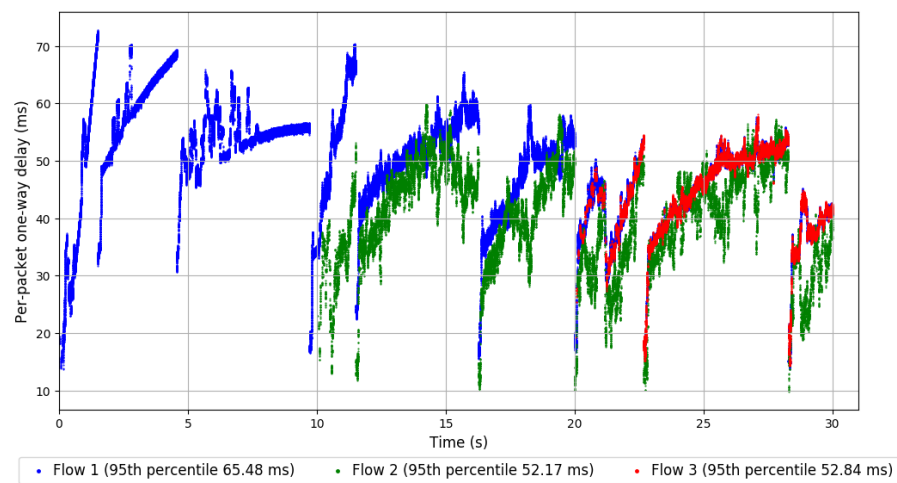
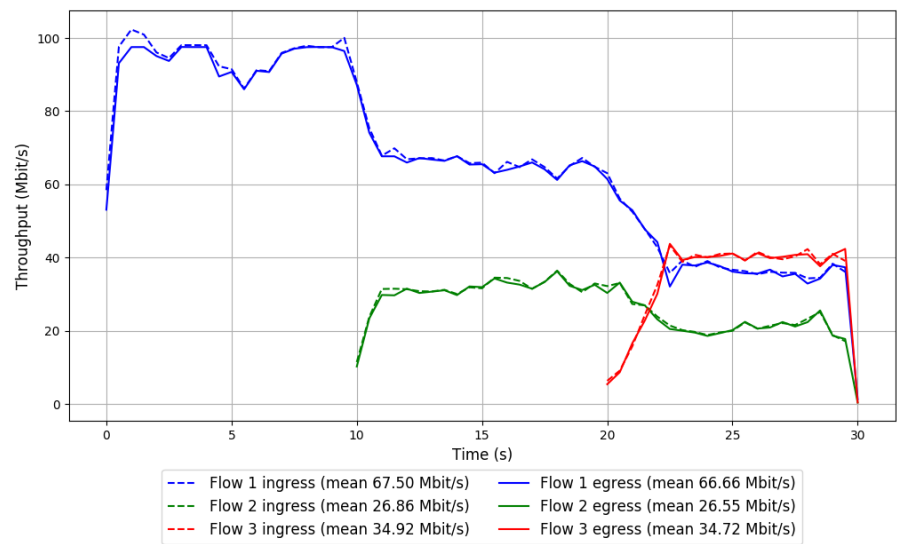
-- Flow 3:

Average throughput: 34.72 Mbit/s

95th percentile per-packet one-way delay: 52.841 ms

Loss rate: 0.36%

Run 4: Report of TCP Cubic — Data Link

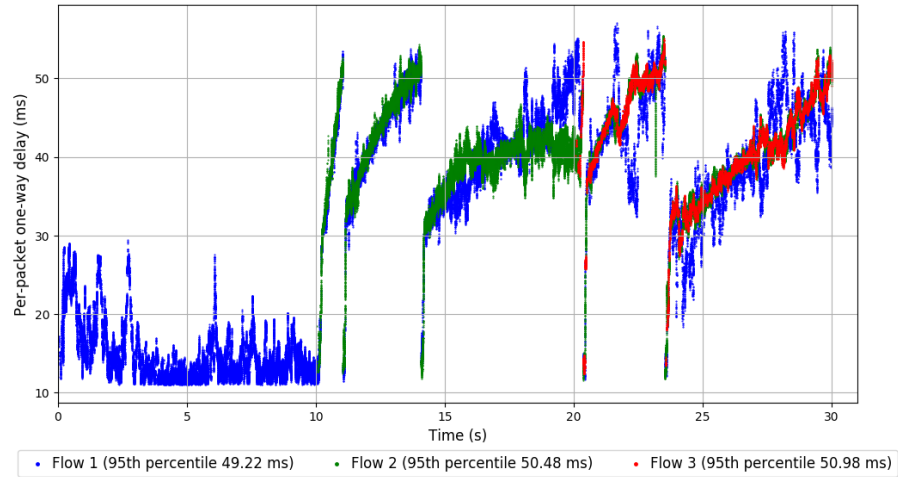
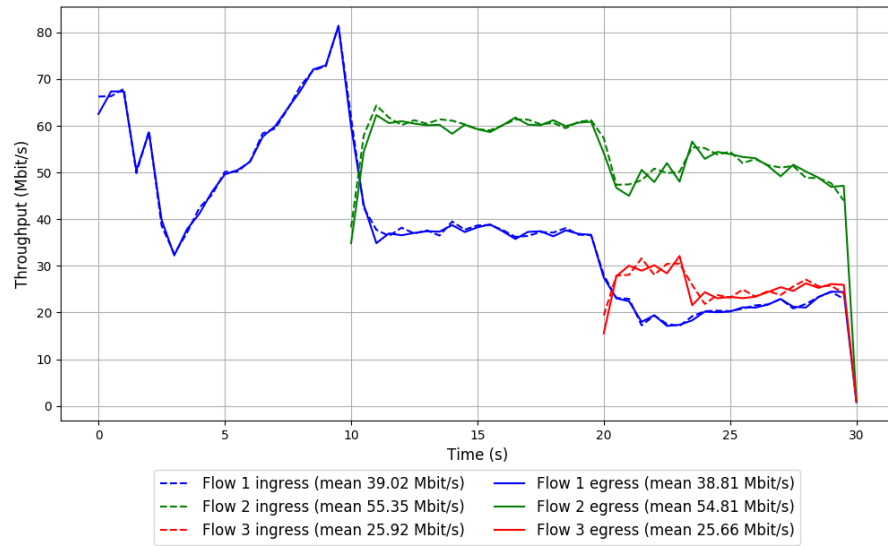


Run 5: Statistics of TCP Cubic

Start at: 2017-09-18 04:58:27
End at: 2017-09-18 04:58:57
Local clock offset: -3.205 ms
Remote clock offset: -4.339 ms

Below is generated by plot.py at 2017-09-18 07:21:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.83 Mbit/s
95th percentile per-packet one-way delay: 50.244 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 38.81 Mbit/s
95th percentile per-packet one-way delay: 49.219 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 54.81 Mbit/s
95th percentile per-packet one-way delay: 50.484 ms
Loss rate: 0.83%
-- Flow 3:
Average throughput: 25.66 Mbit/s
95th percentile per-packet one-way delay: 50.980 ms
Loss rate: 0.90%

Run 5: Report of TCP Cubic — Data Link

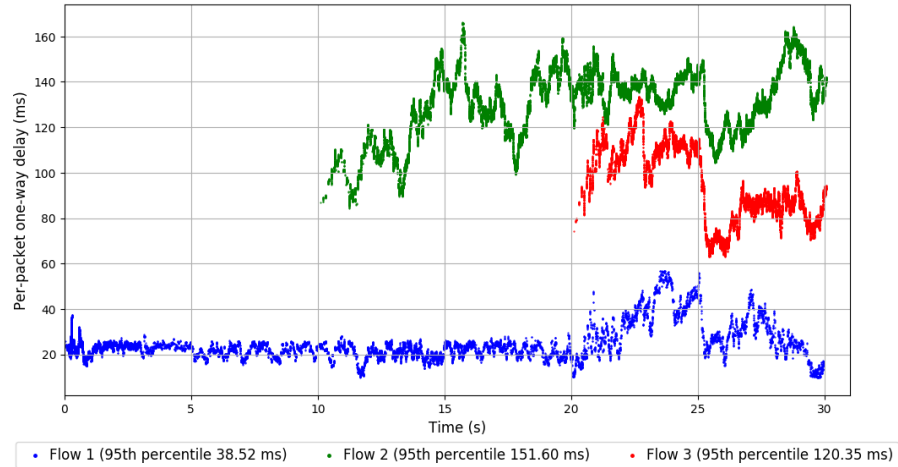
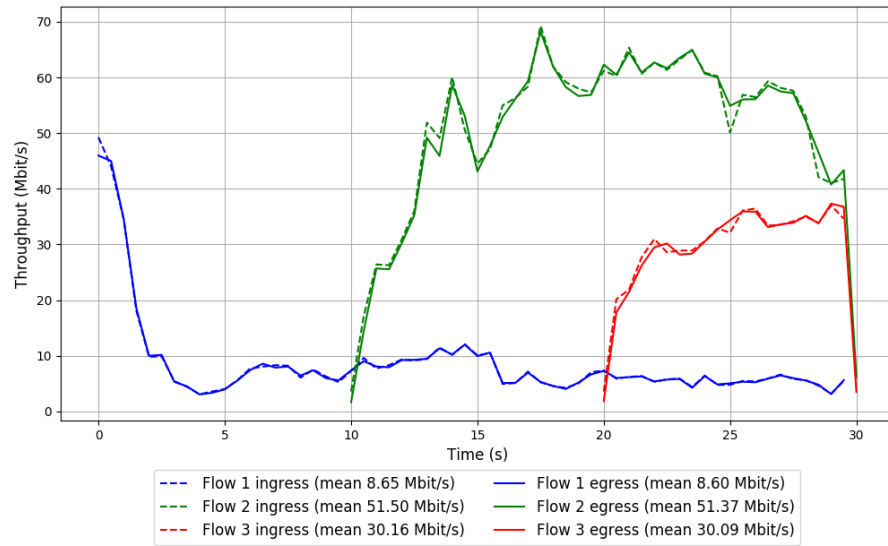


Run 6: Statistics of TCP Cubic

Start at: 2017-09-18 05:18:12
End at: 2017-09-18 05:18:42
Local clock offset: -0.052 ms
Remote clock offset: -2.881 ms

Below is generated by plot.py at 2017-09-18 07:21:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 52.71 Mbit/s
95th percentile per-packet one-way delay: 149.037 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 8.60 Mbit/s
95th percentile per-packet one-way delay: 38.521 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 51.37 Mbit/s
95th percentile per-packet one-way delay: 151.603 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 30.09 Mbit/s
95th percentile per-packet one-way delay: 120.352 ms
Loss rate: 0.06%

Run 6: Report of TCP Cubic — Data Link

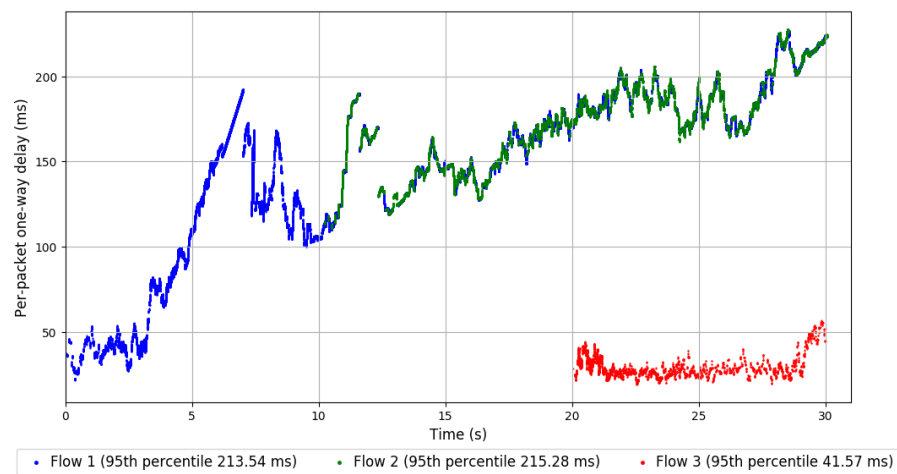
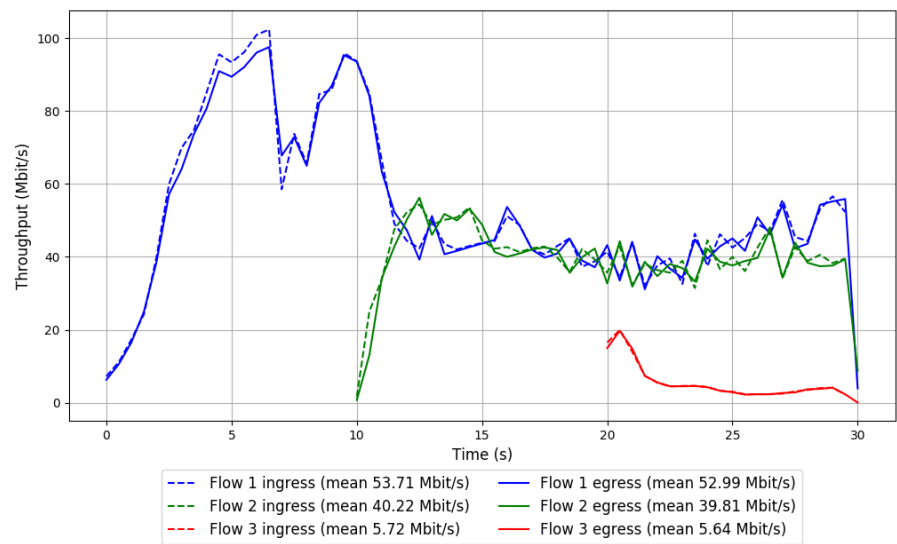


Run 7: Statistics of TCP Cubic

Start at: 2017-09-18 05:38:15
End at: 2017-09-18 05:38:45
Local clock offset: -0.921 ms
Remote clock offset: -3.082 ms

Below is generated by plot.py at 2017-09-18 07:22:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.31 Mbit/s
95th percentile per-packet one-way delay: 213.966 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 52.99 Mbit/s
95th percentile per-packet one-way delay: 213.539 ms
Loss rate: 1.14%
-- Flow 2:
Average throughput: 39.81 Mbit/s
95th percentile per-packet one-way delay: 215.277 ms
Loss rate: 1.01%
-- Flow 3:
Average throughput: 5.64 Mbit/s
95th percentile per-packet one-way delay: 41.569 ms
Loss rate: 1.25%

Run 7: Report of TCP Cubic — Data Link

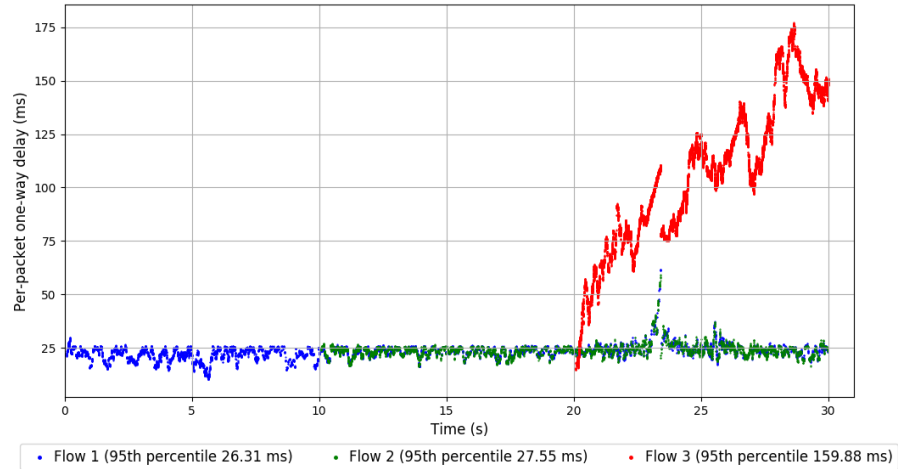
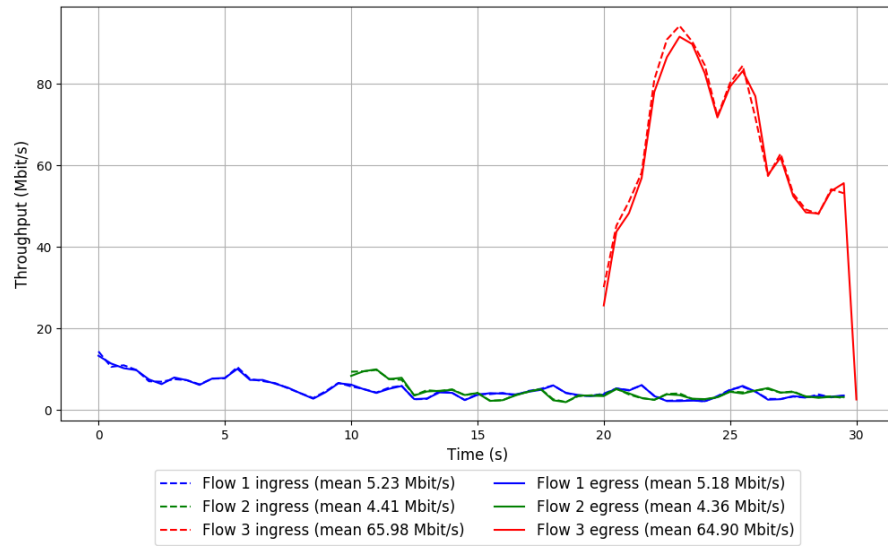


Run 8: Statistics of TCP Cubic

Start at: 2017-09-18 05:58:00
End at: 2017-09-18 05:58:30
Local clock offset: -0.75 ms
Remote clock offset: -5.066 ms

Below is generated by plot.py at 2017-09-18 07:22:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 29.68 Mbit/s
95th percentile per-packet one-way delay: 154.358 ms
Loss rate: 1.24%
-- Flow 1:
Average throughput: 5.18 Mbit/s
95th percentile per-packet one-way delay: 26.309 ms
Loss rate: 0.96%
-- Flow 2:
Average throughput: 4.36 Mbit/s
95th percentile per-packet one-way delay: 27.551 ms
Loss rate: 1.15%
-- Flow 3:
Average throughput: 64.90 Mbit/s
95th percentile per-packet one-way delay: 159.876 ms
Loss rate: 1.31%

Run 8: Report of TCP Cubic — Data Link

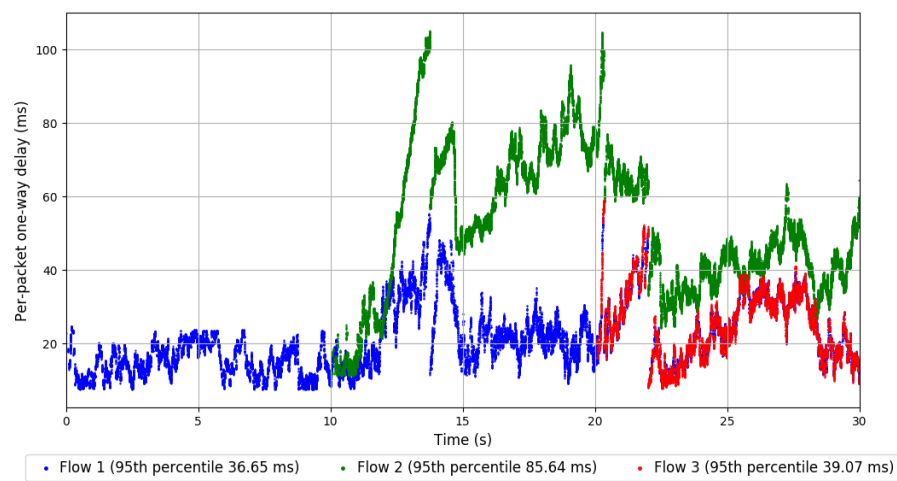
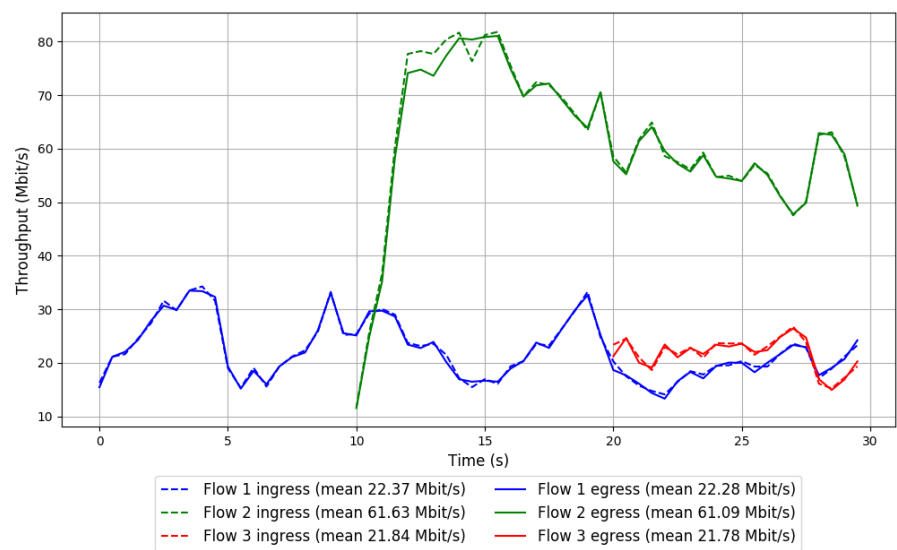


Run 9: Statistics of TCP Cubic

Start at: 2017-09-18 06:17:28
End at: 2017-09-18 06:17:58
Local clock offset: 3.0 ms
Remote clock offset: -4.385 ms

Below is generated by plot.py at 2017-09-18 07:22:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 70.21 Mbit/s
95th percentile per-packet one-way delay: 79.053 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 22.28 Mbit/s
95th percentile per-packet one-way delay: 36.649 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 61.09 Mbit/s
95th percentile per-packet one-way delay: 85.636 ms
Loss rate: 0.86%
-- Flow 3:
Average throughput: 21.78 Mbit/s
95th percentile per-packet one-way delay: 39.071 ms
Loss rate: 0.35%

Run 9: Report of TCP Cubic — Data Link

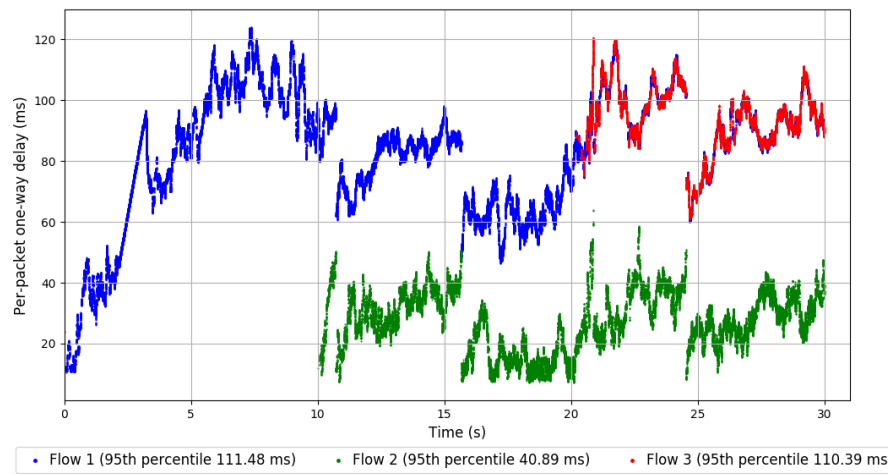
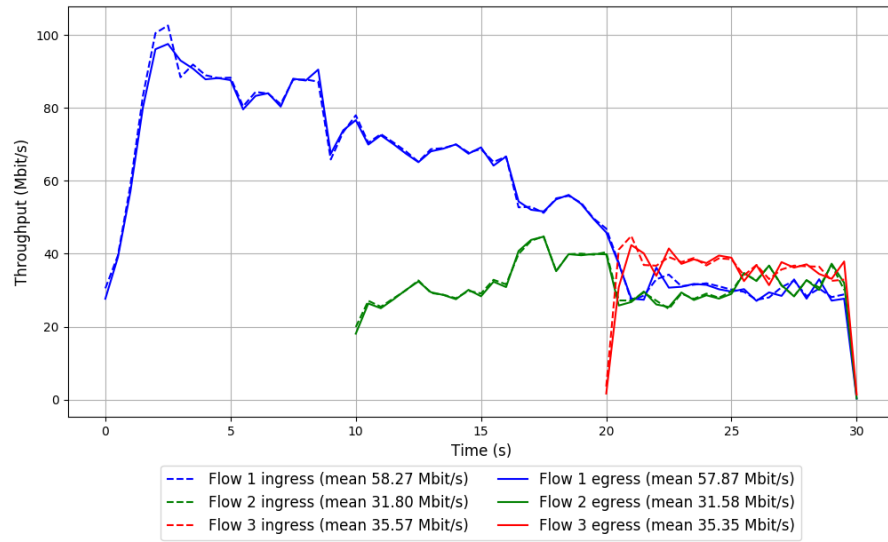


Run 10: Statistics of TCP Cubic

Start at: 2017-09-18 06:36:13
End at: 2017-09-18 06:36:43
Local clock offset: 4.321 ms
Remote clock offset: -4.291 ms

Below is generated by plot.py at 2017-09-18 07:22:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.60 Mbit/s
95th percentile per-packet one-way delay: 109.784 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 57.87 Mbit/s
95th percentile per-packet one-way delay: 111.480 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 31.58 Mbit/s
95th percentile per-packet one-way delay: 40.890 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 35.35 Mbit/s
95th percentile per-packet one-way delay: 110.394 ms
Loss rate: 1.04%

Run 10: Report of TCP Cubic — Data Link

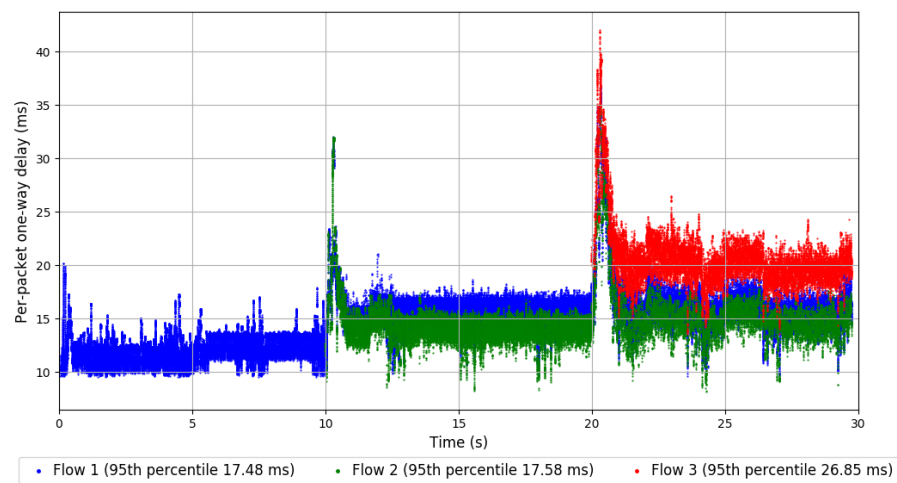
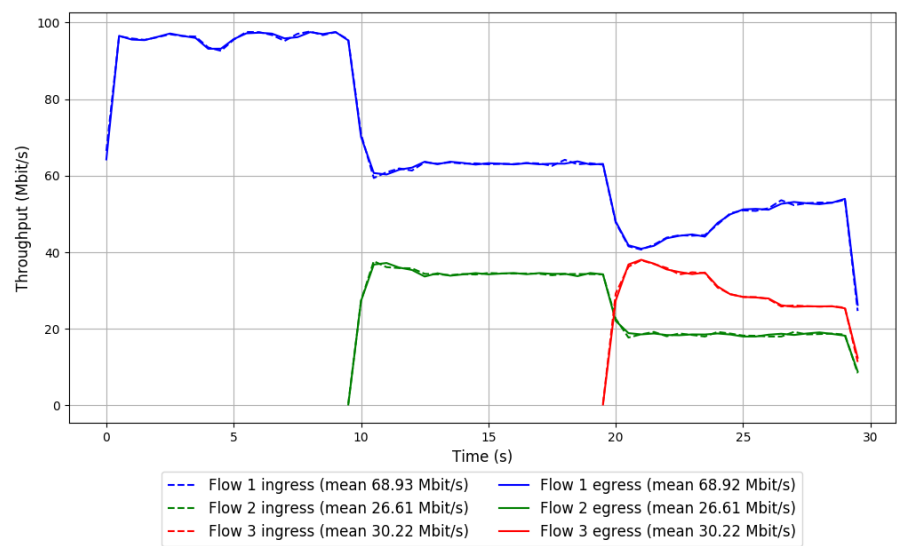


```
Run 1: Statistics of Indigo

Start at: 2017-09-18 03:49:02
End at: 2017-09-18 03:49:32
Local clock offset: -0.973 ms
Remote clock offset: -5.277 ms

# Below is generated by plot.py at 2017-09-18 07:22:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.54 Mbit/s
95th percentile per-packet one-way delay: 20.910 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 68.92 Mbit/s
95th percentile per-packet one-way delay: 17.481 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 26.61 Mbit/s
95th percentile per-packet one-way delay: 17.577 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.22 Mbit/s
95th percentile per-packet one-way delay: 26.850 ms
Loss rate: 0.03%
```

Run 1: Report of Indigo — Data Link

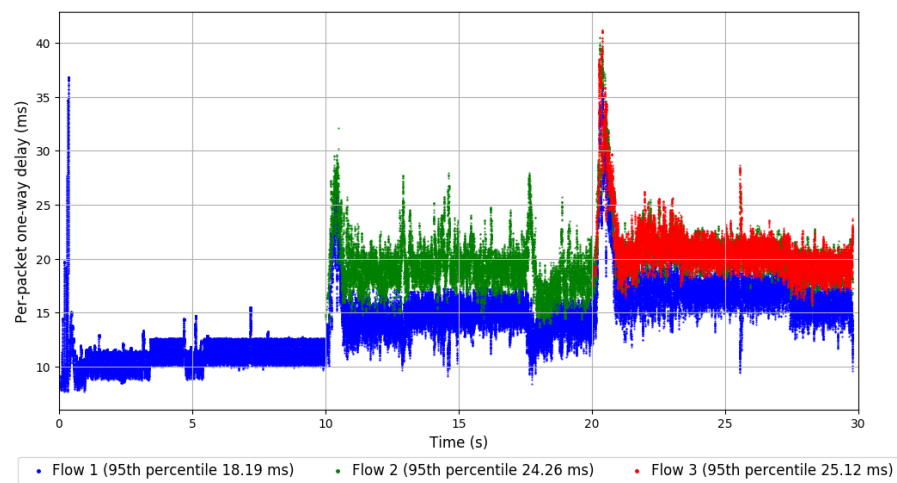
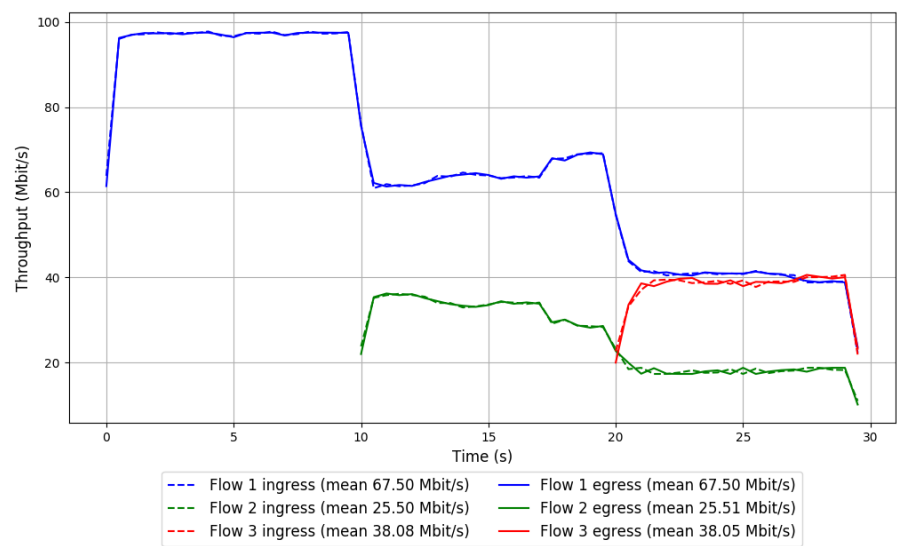


Run 2: Statistics of Indigo

Start at: 2017-09-18 04:08:20
End at: 2017-09-18 04:08:50
Local clock offset: -0.659 ms
Remote clock offset: -4.606 ms

Below is generated by plot.py at 2017-09-18 07:22:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.86 Mbit/s
95th percentile per-packet one-way delay: 22.146 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 67.50 Mbit/s
95th percentile per-packet one-way delay: 18.187 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 25.51 Mbit/s
95th percentile per-packet one-way delay: 24.264 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 38.05 Mbit/s
95th percentile per-packet one-way delay: 25.124 ms
Loss rate: 0.06%

Run 2: Report of Indigo — Data Link

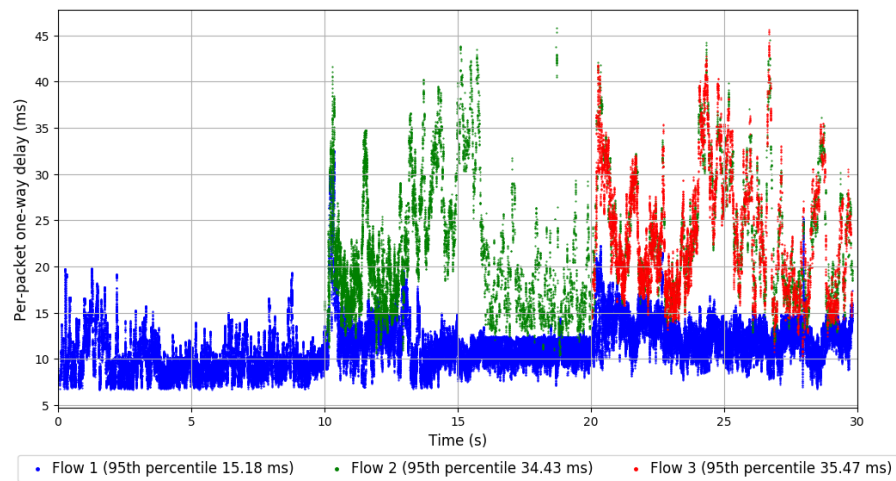
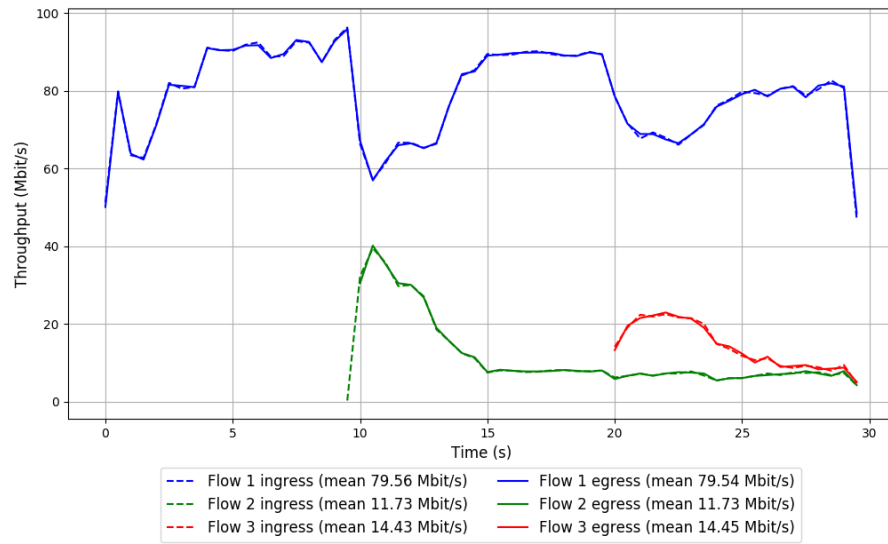


Run 3: Statistics of Indigo

Start at: 2017-09-18 04:26:48
End at: 2017-09-18 04:27:18
Local clock offset: 1.207 ms
Remote clock offset: -3.877 ms

Below is generated by plot.py at 2017-09-18 07:22:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.06 Mbit/s
95th percentile per-packet one-way delay: 23.917 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 79.54 Mbit/s
95th percentile per-packet one-way delay: 15.183 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 11.73 Mbit/s
95th percentile per-packet one-way delay: 34.429 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 14.45 Mbit/s
95th percentile per-packet one-way delay: 35.473 ms
Loss rate: 0.11%

Run 3: Report of Indigo — Data Link

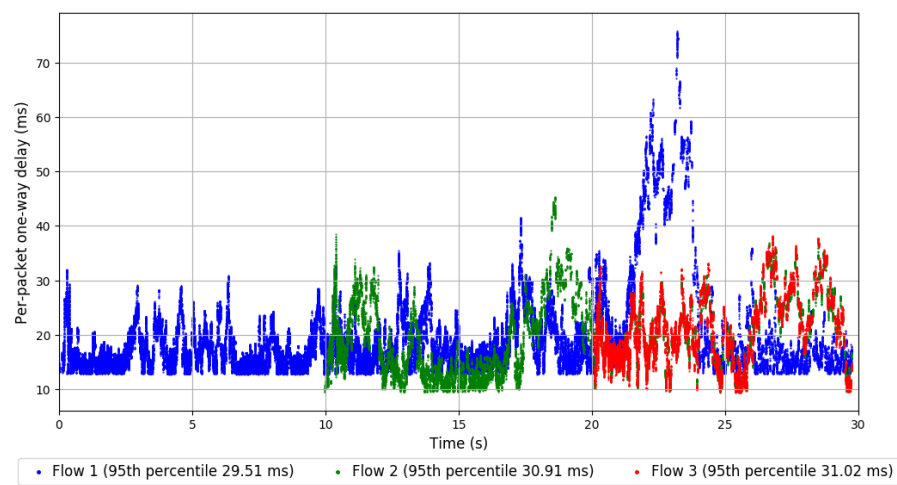
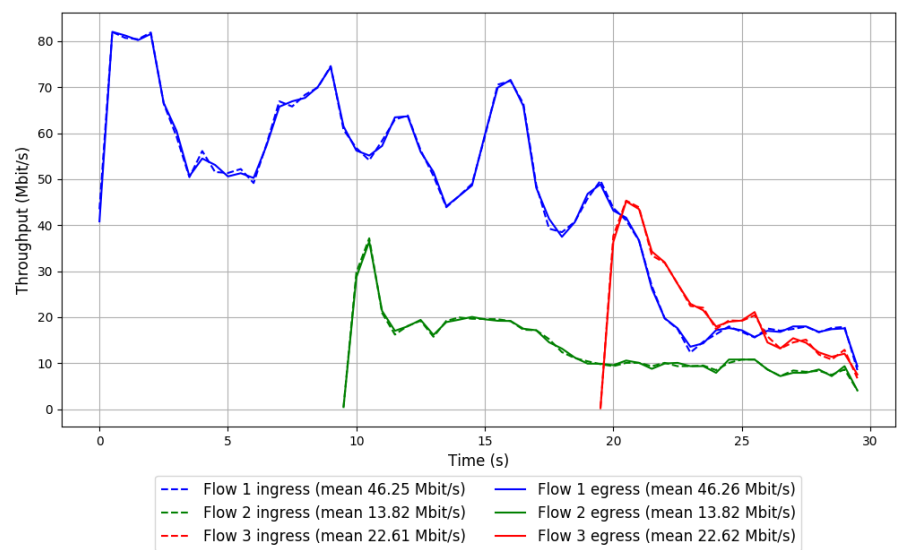


Run 4: Statistics of Indigo

Start at: 2017-09-18 04:46:52
End at: 2017-09-18 04:47:22
Local clock offset: -0.827 ms
Remote clock offset: -3.927 ms

Below is generated by plot.py at 2017-09-18 07:22:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.87 Mbit/s
95th percentile per-packet one-way delay: 30.180 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.26 Mbit/s
95th percentile per-packet one-way delay: 29.513 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 13.82 Mbit/s
95th percentile per-packet one-way delay: 30.911 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 22.62 Mbit/s
95th percentile per-packet one-way delay: 31.023 ms
Loss rate: 0.00%

Run 4: Report of Indigo — Data Link

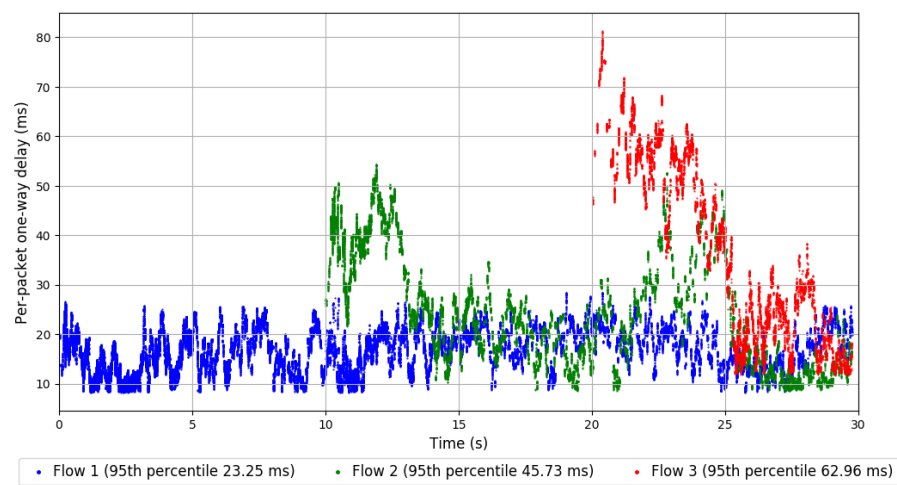
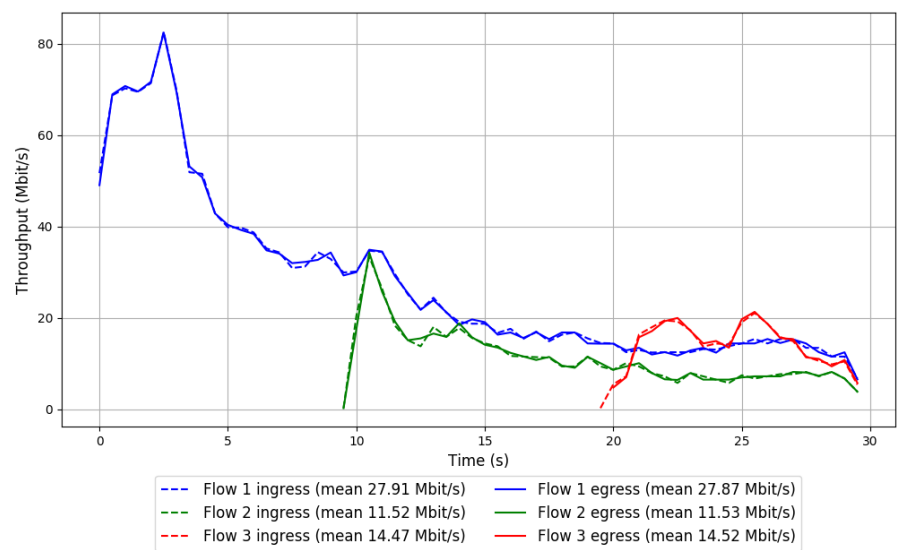


Run 5: Statistics of Indigo

Start at: 2017-09-18 05:06:09
End at: 2017-09-18 05:06:39
Local clock offset: -0.064 ms
Remote clock offset: -4.228 ms

Below is generated by plot.py at 2017-09-18 07:22:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 40.28 Mbit/s
95th percentile per-packet one-way delay: 47.421 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 27.87 Mbit/s
95th percentile per-packet one-way delay: 23.250 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 11.53 Mbit/s
95th percentile per-packet one-way delay: 45.734 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 14.52 Mbit/s
95th percentile per-packet one-way delay: 62.956 ms
Loss rate: 0.00%

Run 5: Report of Indigo — Data Link

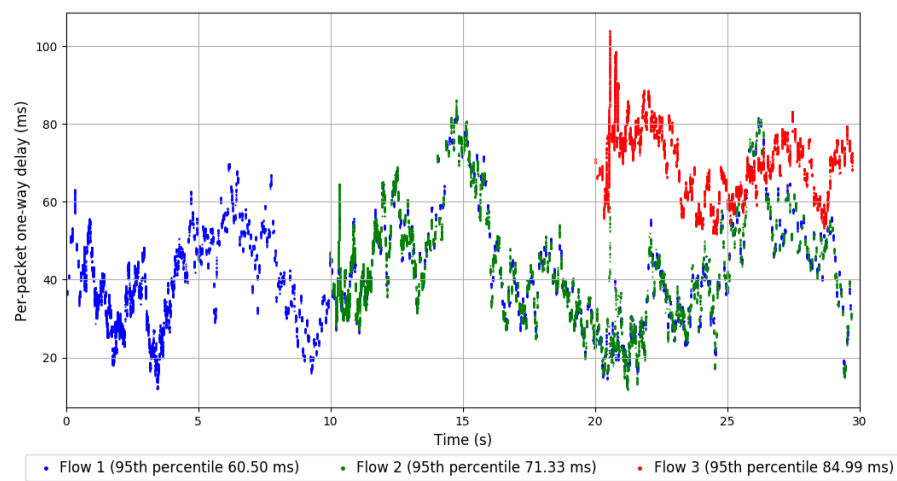
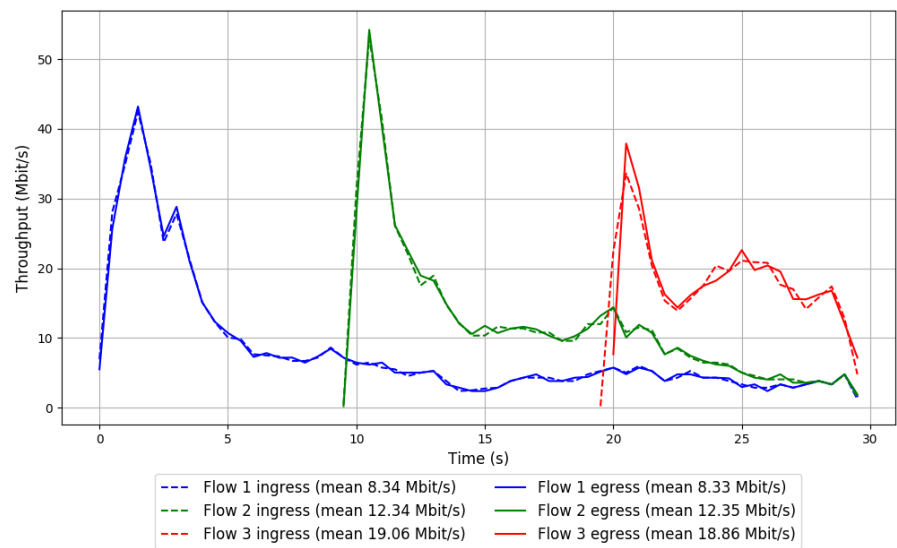


Run 6: Statistics of Indigo

Start at: 2017-09-18 05:26:17
End at: 2017-09-18 05:26:47
Local clock offset: 0.711 ms
Remote clock offset: -3.783 ms

Below is generated by plot.py at 2017-09-18 07:22:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 22.69 Mbit/s
95th percentile per-packet one-way delay: 78.714 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 8.33 Mbit/s
95th percentile per-packet one-way delay: 60.498 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 12.35 Mbit/s
95th percentile per-packet one-way delay: 71.334 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 18.86 Mbit/s
95th percentile per-packet one-way delay: 84.992 ms
Loss rate: 1.07%

Run 6: Report of Indigo — Data Link

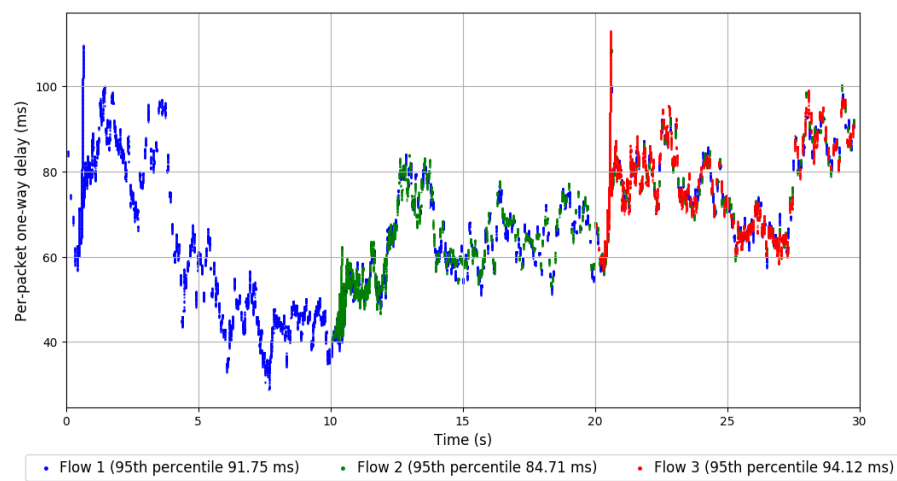
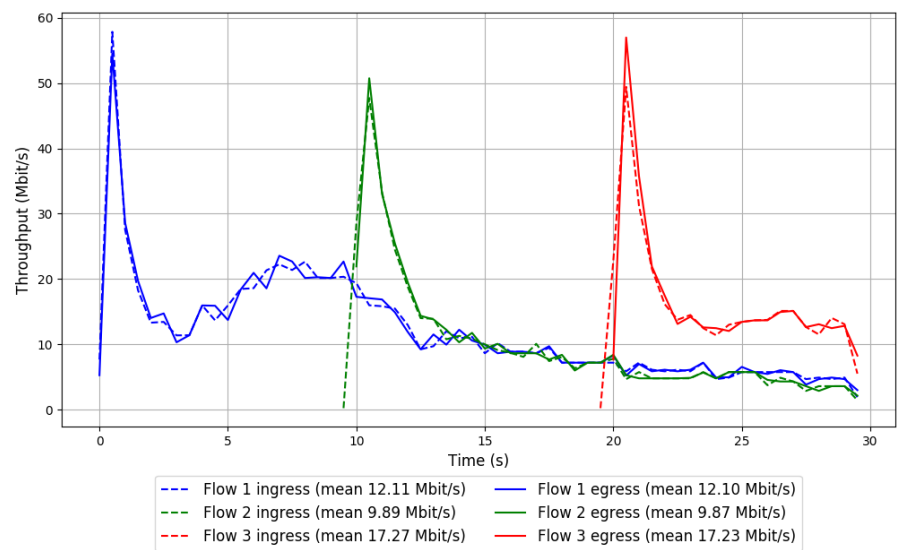


Run 7: Statistics of Indigo

Start at: 2017-09-18 05:46:02
End at: 2017-09-18 05:46:32
Local clock offset: 0.262 ms
Remote clock offset: -2.129 ms

Below is generated by plot.py at 2017-09-18 07:22:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 24.29 Mbit/s
95th percentile per-packet one-way delay: 91.389 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.10 Mbit/s
95th percentile per-packet one-way delay: 91.748 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 9.87 Mbit/s
95th percentile per-packet one-way delay: 84.713 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 17.23 Mbit/s
95th percentile per-packet one-way delay: 94.123 ms
Loss rate: 0.00%

Run 7: Report of Indigo — Data Link

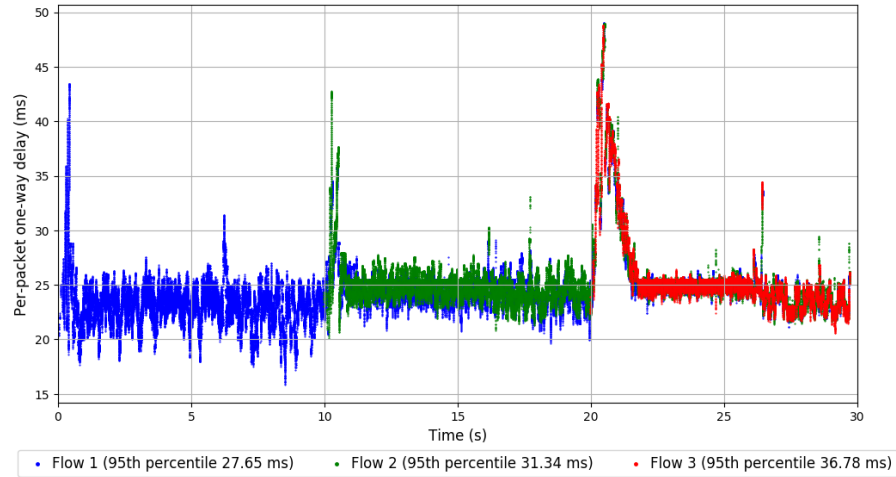
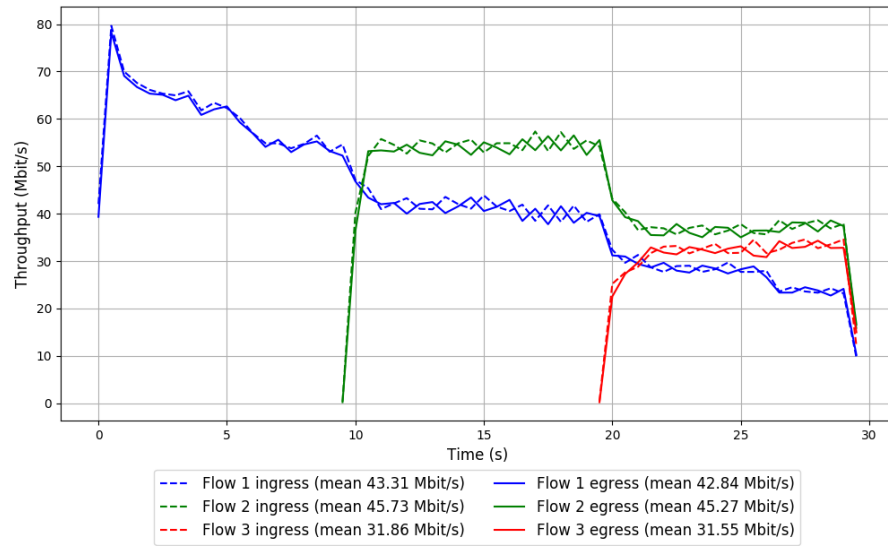


Run 8: Statistics of Indigo

Start at: 2017-09-18 06:05:28
End at: 2017-09-18 06:05:58
Local clock offset: 1.766 ms
Remote clock offset: -4.353 ms

Below is generated by plot.py at 2017-09-18 07:23:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.27 Mbit/s
95th percentile per-packet one-way delay: 30.646 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 42.84 Mbit/s
95th percentile per-packet one-way delay: 27.648 ms
Loss rate: 1.06%
-- Flow 2:
Average throughput: 45.27 Mbit/s
95th percentile per-packet one-way delay: 31.342 ms
Loss rate: 0.99%
-- Flow 3:
Average throughput: 31.55 Mbit/s
95th percentile per-packet one-way delay: 36.777 ms
Loss rate: 0.92%

Run 8: Report of Indigo — Data Link

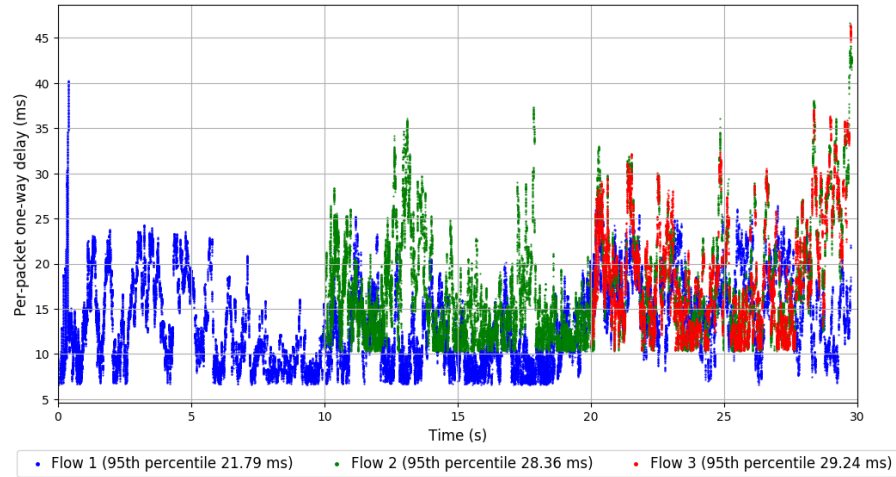
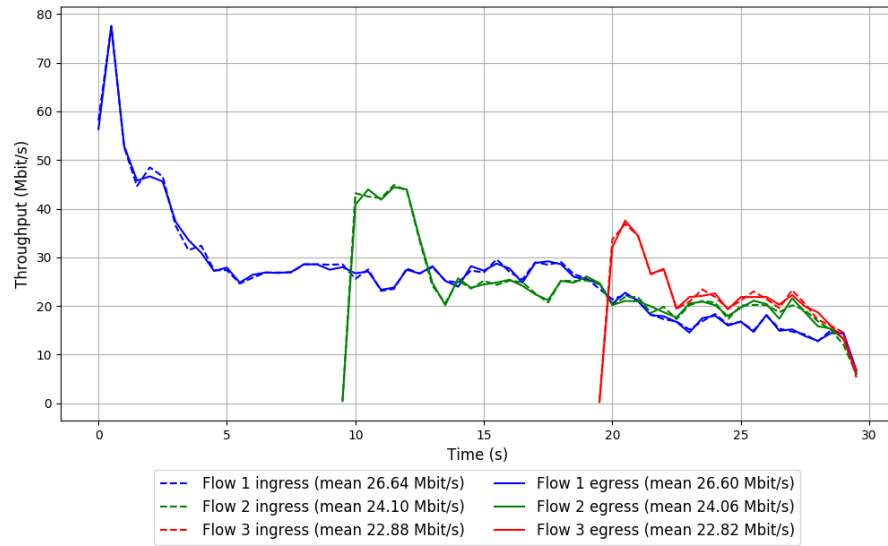


Run 9: Statistics of Indigo

Start at: 2017-09-18 06:24:43
End at: 2017-09-18 06:25:13
Local clock offset: 3.534 ms
Remote clock offset: -4.854 ms

Below is generated by plot.py at 2017-09-18 07:23:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 50.09 Mbit/s
95th percentile per-packet one-way delay: 25.757 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 26.60 Mbit/s
95th percentile per-packet one-way delay: 21.786 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 24.06 Mbit/s
95th percentile per-packet one-way delay: 28.355 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 22.82 Mbit/s
95th percentile per-packet one-way delay: 29.236 ms
Loss rate: 0.00%

Run 9: Report of Indigo — Data Link

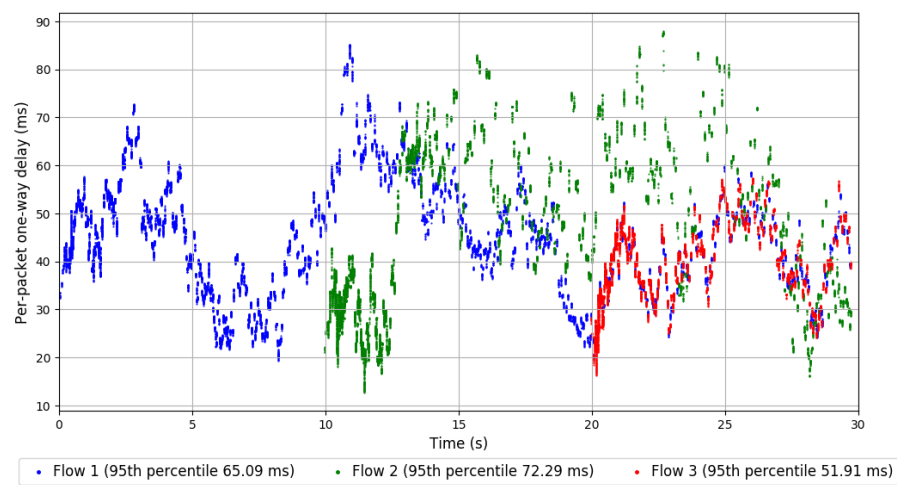
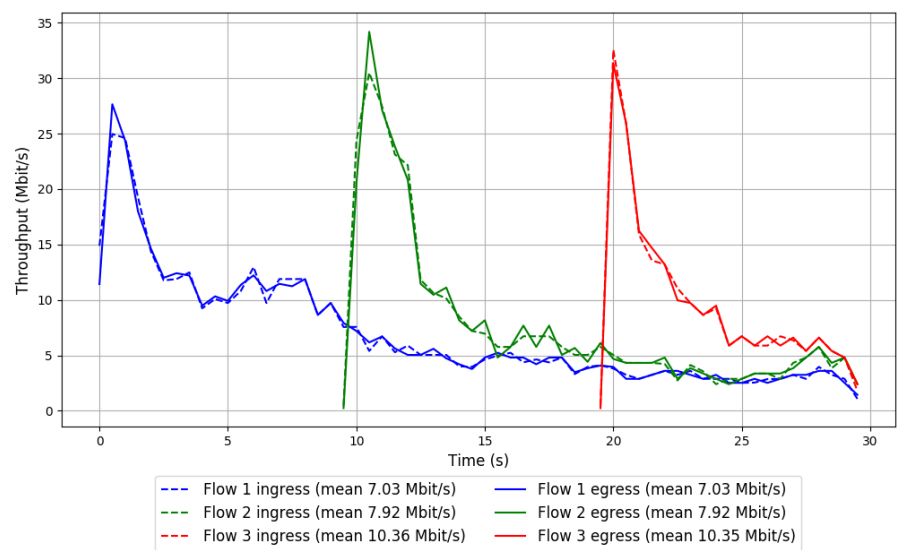


Run 10: Statistics of Indigo

Start at: 2017-09-18 06:43:46
End at: 2017-09-18 06:44:16
Local clock offset: 3.358 ms
Remote clock offset: -4.794 ms

Below is generated by plot.py at 2017-09-18 07:23:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 15.68 Mbit/s
95th percentile per-packet one-way delay: 67.218 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.03 Mbit/s
95th percentile per-packet one-way delay: 65.092 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 7.92 Mbit/s
95th percentile per-packet one-way delay: 72.289 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 10.35 Mbit/s
95th percentile per-packet one-way delay: 51.911 ms
Loss rate: 0.00%

Run 10: Report of Indigo — Data Link

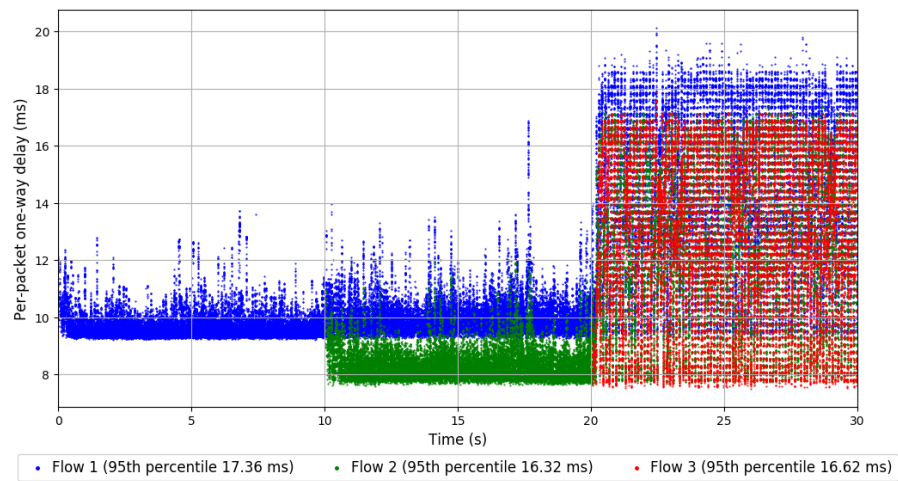
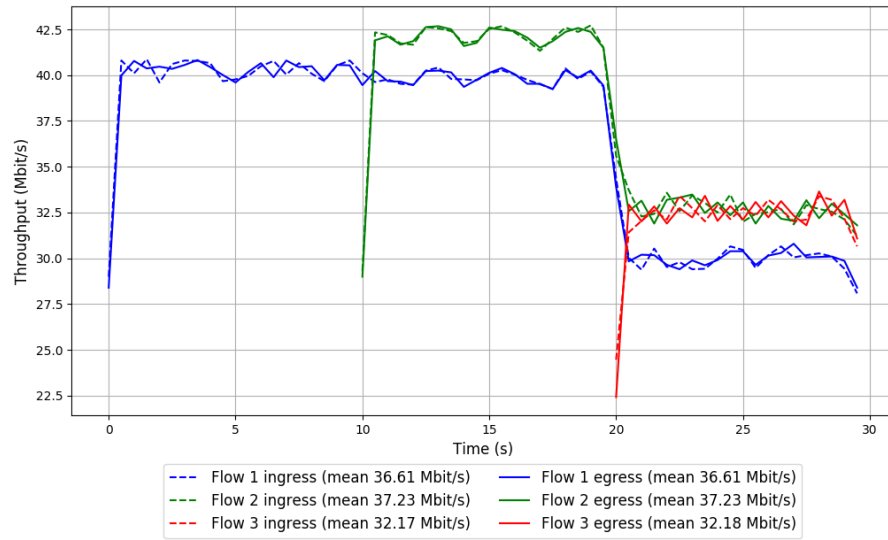


```
Run 1: Statistics of KohoCC

Start at: 2017-09-18 03:37:54
End at: 2017-09-18 03:38:24
Local clock offset: -0.278 ms
Remote clock offset: -4.681 ms

# Below is generated by plot.py at 2017-09-18 07:23:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 72.08 Mbit/s
95th percentile per-packet one-way delay: 16.649 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 36.61 Mbit/s
95th percentile per-packet one-way delay: 17.360 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 37.23 Mbit/s
95th percentile per-packet one-way delay: 16.323 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 32.18 Mbit/s
95th percentile per-packet one-way delay: 16.620 ms
Loss rate: 0.00%
```

Run 1: Report of KohoCC — Data Link

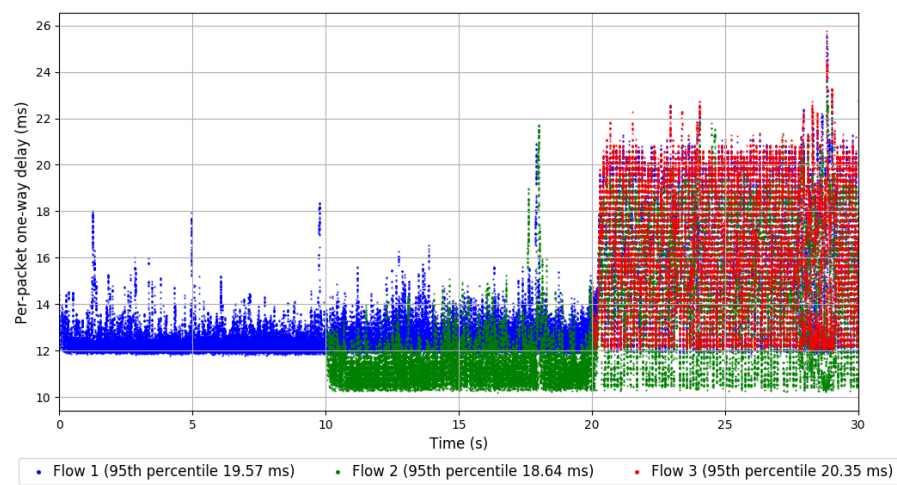
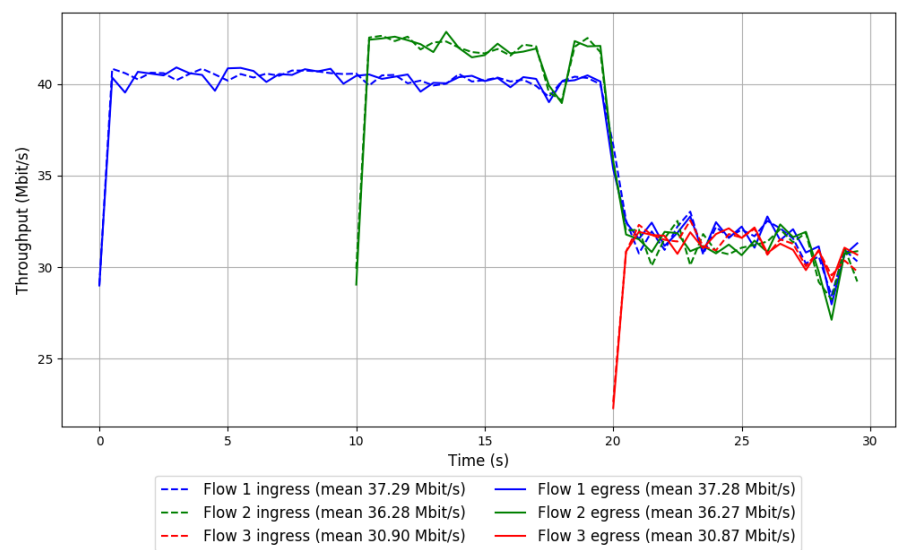


Run 2: Statistics of KohoCC

Start at: 2017-09-18 03:58:07
End at: 2017-09-18 03:58:37
Local clock offset: -3.211 ms
Remote clock offset: -4.843 ms

Below is generated by plot.py at 2017-09-18 07:23:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 71.68 Mbit/s
95th percentile per-packet one-way delay: 19.705 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 37.28 Mbit/s
95th percentile per-packet one-way delay: 19.573 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 36.27 Mbit/s
95th percentile per-packet one-way delay: 18.641 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.87 Mbit/s
95th percentile per-packet one-way delay: 20.352 ms
Loss rate: 0.01%

Run 2: Report of KohoCC — Data Link

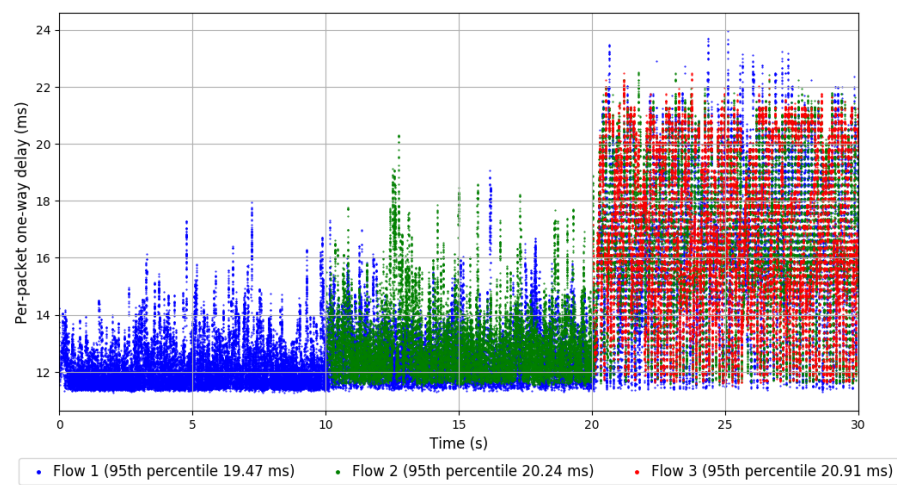
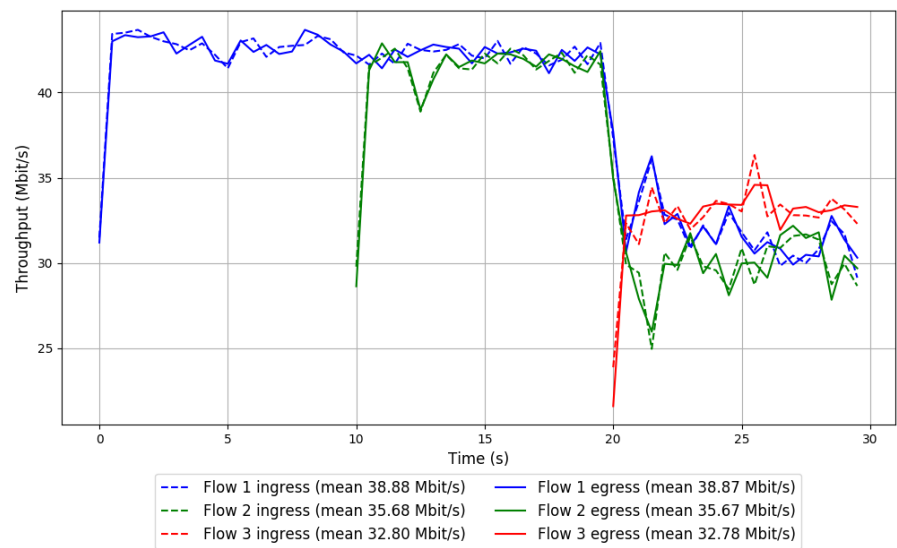


Run 3: Statistics of KohoCC

Start at: 2017-09-18 04:16:52
End at: 2017-09-18 04:17:22
Local clock offset: -3.064 ms
Remote clock offset: -3.396 ms

Below is generated by plot.py at 2017-09-18 07:23:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.50 Mbit/s
95th percentile per-packet one-way delay: 20.260 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 38.87 Mbit/s
95th percentile per-packet one-way delay: 19.466 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 35.67 Mbit/s
95th percentile per-packet one-way delay: 20.239 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 32.78 Mbit/s
95th percentile per-packet one-way delay: 20.913 ms
Loss rate: 0.01%

Run 3: Report of KohoCC — Data Link

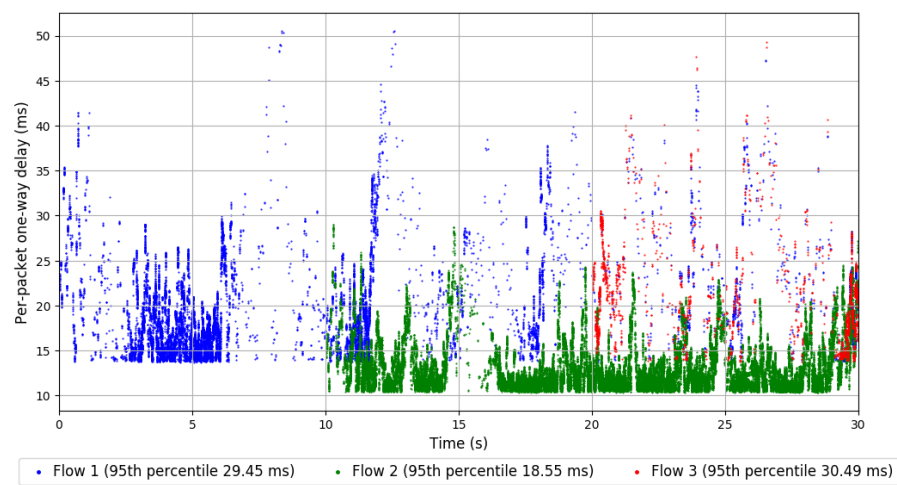
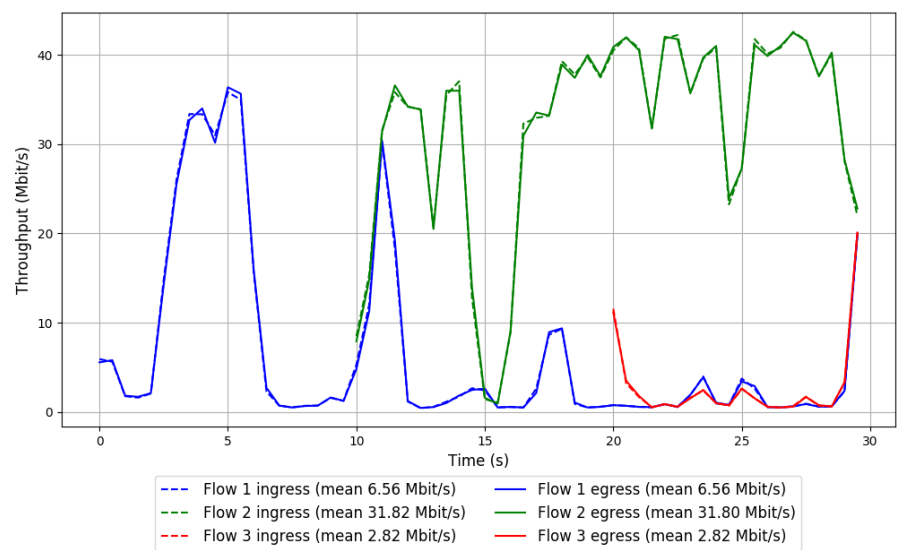


Run 4: Statistics of KohoCC

Start at: 2017-09-18 04:36:21
End at: 2017-09-18 04:36:51
Local clock offset: -2.792 ms
Remote clock offset: -4.608 ms

Below is generated by plot.py at 2017-09-18 07:23:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 28.68 Mbit/s
95th percentile per-packet one-way delay: 23.226 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.56 Mbit/s
95th percentile per-packet one-way delay: 29.451 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 31.80 Mbit/s
95th percentile per-packet one-way delay: 18.554 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.82 Mbit/s
95th percentile per-packet one-way delay: 30.492 ms
Loss rate: 0.00%

Run 4: Report of KohoCC — Data Link

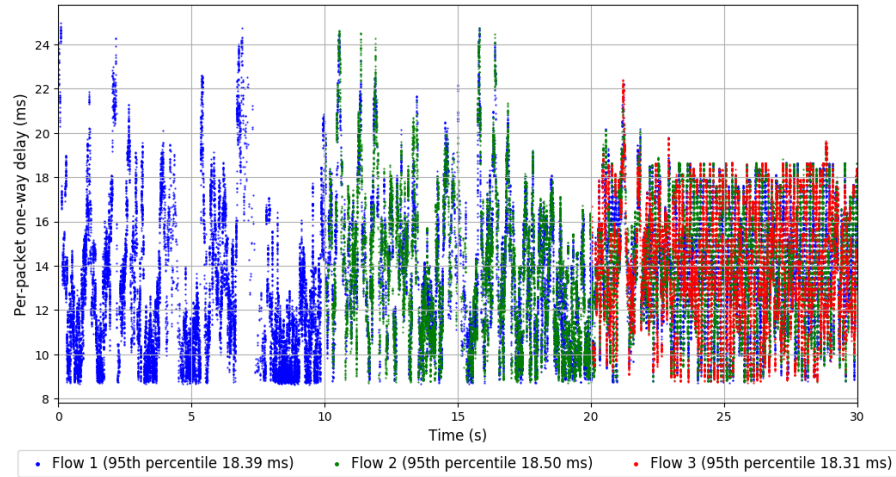
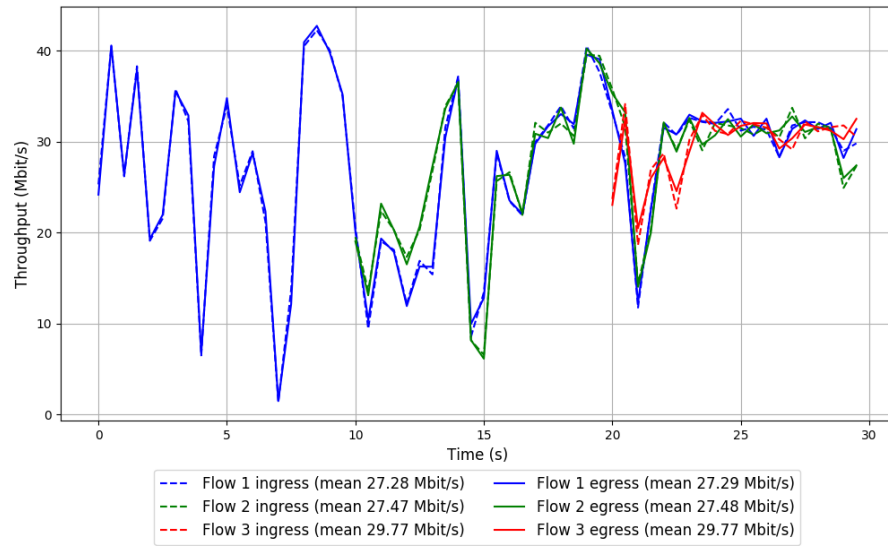


Run 5: Statistics of KohoCC

Start at: 2017-09-18 04:55:50
End at: 2017-09-18 04:56:20
Local clock offset: -0.311 ms
Remote clock offset: -3.882 ms

Below is generated by plot.py at 2017-09-18 07:23:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 55.47 Mbit/s
95th percentile per-packet one-way delay: 18.375 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 27.29 Mbit/s
95th percentile per-packet one-way delay: 18.394 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 27.48 Mbit/s
95th percentile per-packet one-way delay: 18.496 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.77 Mbit/s
95th percentile per-packet one-way delay: 18.314 ms
Loss rate: 0.00%

Run 5: Report of KohoCC — Data Link

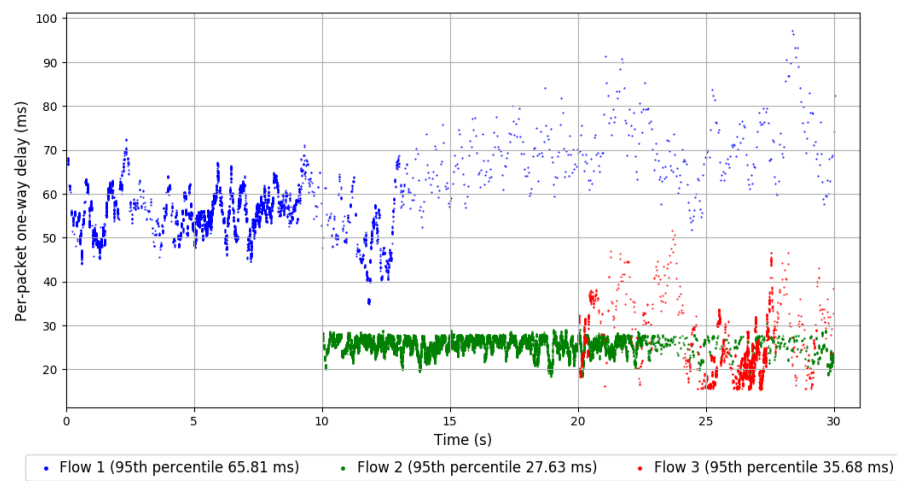
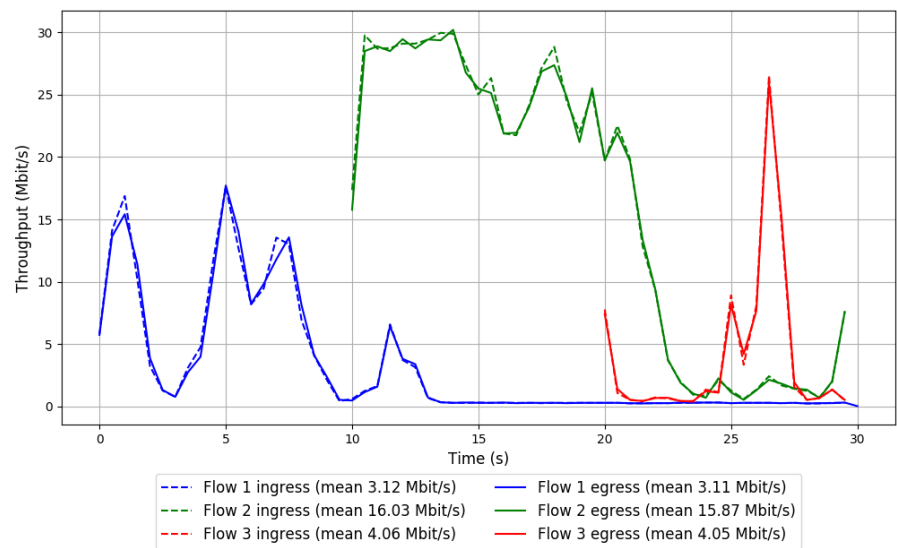


Run 6: Statistics of KohoCC

Start at: 2017-09-18 05:15:35
End at: 2017-09-18 05:16:05
Local clock offset: -1.762 ms
Remote clock offset: -2.435 ms

Below is generated by plot.py at 2017-09-18 07:23:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 15.02 Mbit/s
95th percentile per-packet one-way delay: 59.274 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 3.11 Mbit/s
95th percentile per-packet one-way delay: 65.813 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 15.87 Mbit/s
95th percentile per-packet one-way delay: 27.629 ms
Loss rate: 1.05%
-- Flow 3:
Average throughput: 4.05 Mbit/s
95th percentile per-packet one-way delay: 35.680 ms
Loss rate: 0.03%

Run 6: Report of KohoCC — Data Link

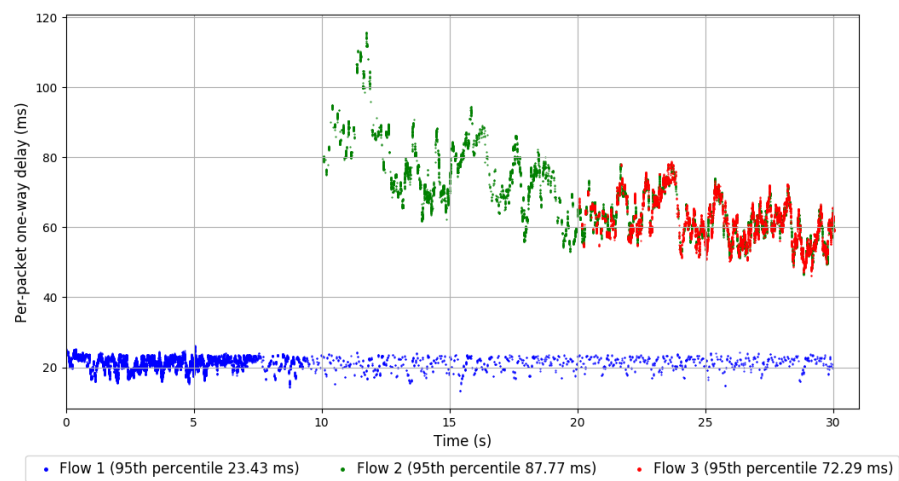
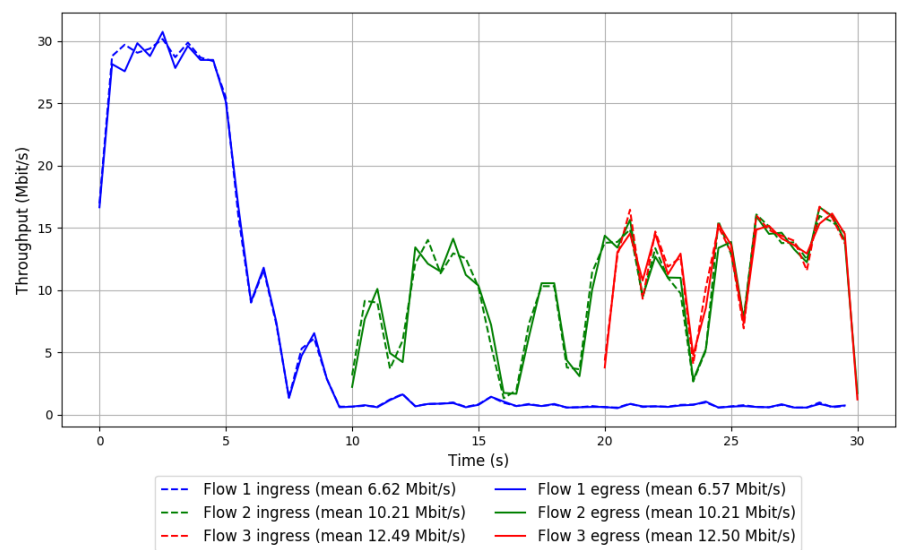


Run 7: Statistics of KohoCC

Start at: 2017-09-18 05:35:47
End at: 2017-09-18 05:36:17
Local clock offset: 2.384 ms
Remote clock offset: -3.202 ms

Below is generated by plot.py at 2017-09-18 07:23:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 17.48 Mbit/s
95th percentile per-packet one-way delay: 80.066 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 6.57 Mbit/s
95th percentile per-packet one-way delay: 23.427 ms
Loss rate: 0.81%
-- Flow 2:
Average throughput: 10.21 Mbit/s
95th percentile per-packet one-way delay: 87.768 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 12.50 Mbit/s
95th percentile per-packet one-way delay: 72.289 ms
Loss rate: 0.00%

Run 7: Report of KohoCC — Data Link

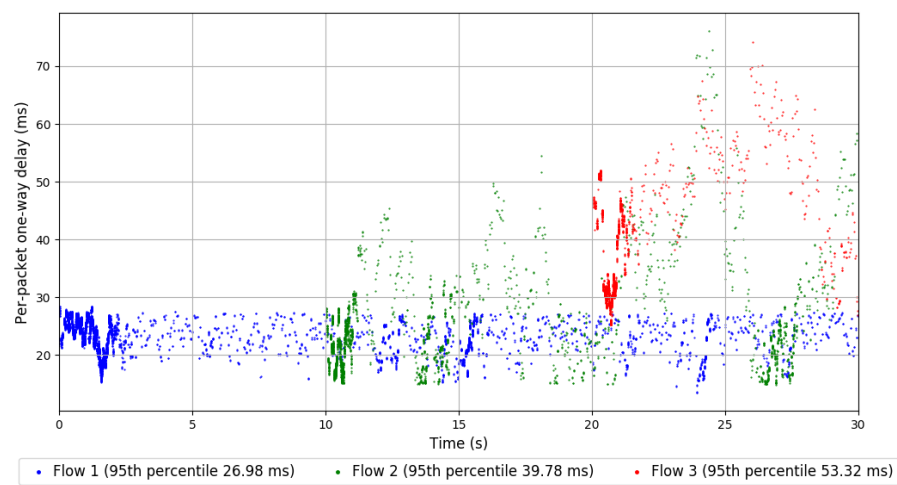
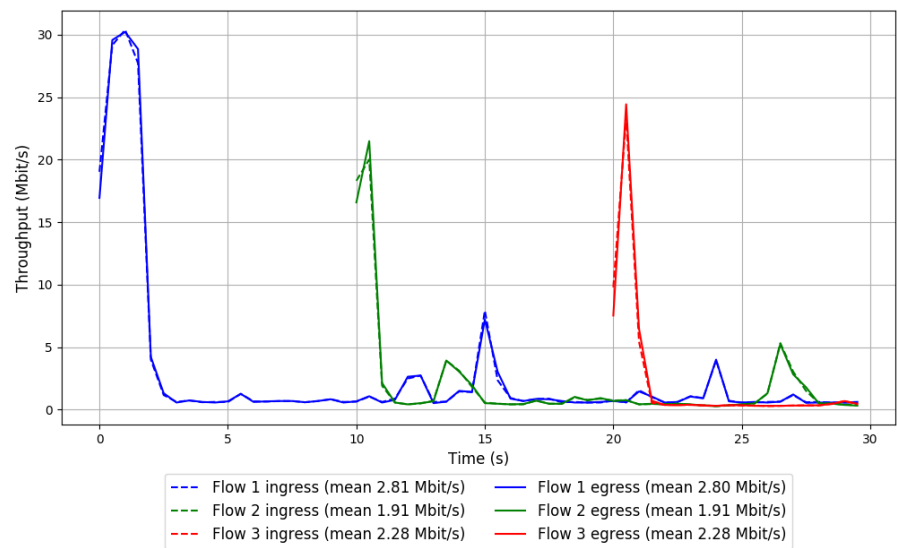


Run 8: Statistics of KohoCC

Start at: 2017-09-18 05:55:41
End at: 2017-09-18 05:56:11
Local clock offset: -0.806 ms
Remote clock offset: -3.552 ms

Below is generated by plot.py at 2017-09-18 07:23:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.83 Mbit/s
95th percentile per-packet one-way delay: 42.816 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 2.80 Mbit/s
95th percentile per-packet one-way delay: 26.982 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 39.782 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 53.319 ms
Loss rate: 0.00%

Run 8: Report of KohoCC — Data Link

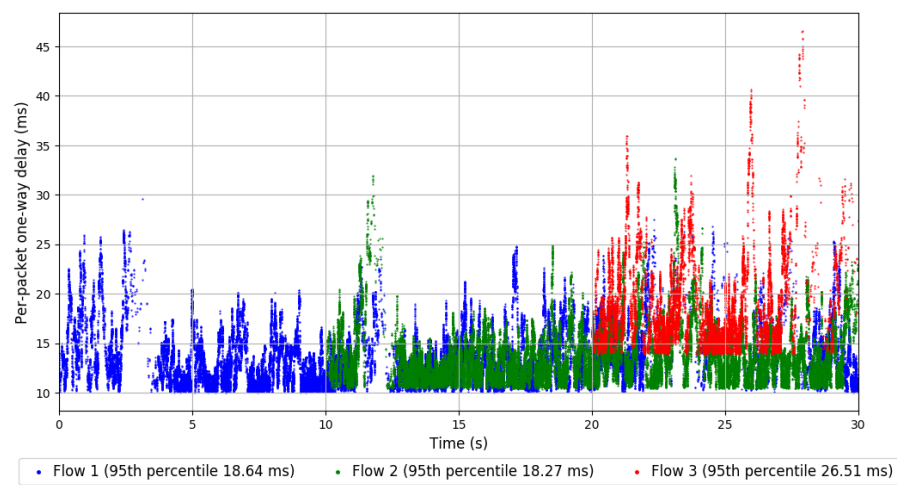
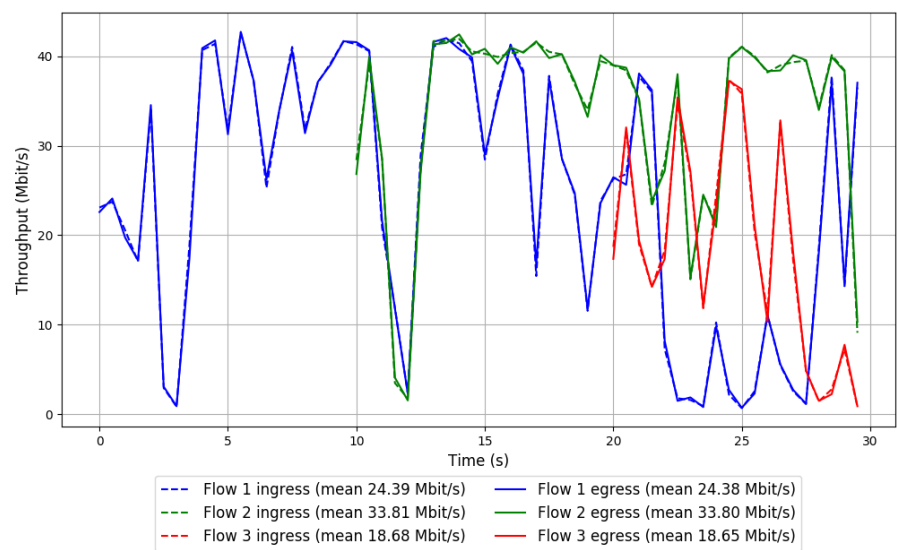


Run 9: Statistics of KohoCC

Start at: 2017-09-18 06:14:56
End at: 2017-09-18 06:15:26
Local clock offset: 0.063 ms
Remote clock offset: -4.515 ms

Below is generated by plot.py at 2017-09-18 07:24:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 53.06 Mbit/s
95th percentile per-packet one-way delay: 20.177 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 24.38 Mbit/s
95th percentile per-packet one-way delay: 18.639 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 33.80 Mbit/s
95th percentile per-packet one-way delay: 18.265 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 18.65 Mbit/s
95th percentile per-packet one-way delay: 26.510 ms
Loss rate: 0.00%

Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: 2017-09-18 06:33:49

End at: 2017-09-18 06:34:19

Local clock offset: 1.182 ms

Remote clock offset: -4.08 ms

Below is generated by plot.py at 2017-09-18 07:24:05

Datalink statistics

-- Total of 3 flows:

Average throughput: 16.16 Mbit/s

95th percentile per-packet one-way delay: 27.014 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 12.79 Mbit/s

95th percentile per-packet one-way delay: 22.590 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 3.96 Mbit/s

95th percentile per-packet one-way delay: 34.096 ms

Loss rate: 0.00%

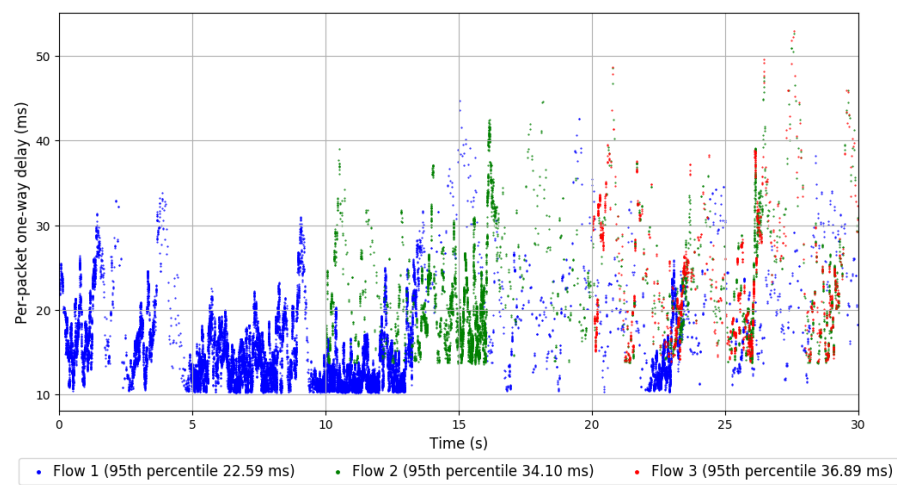
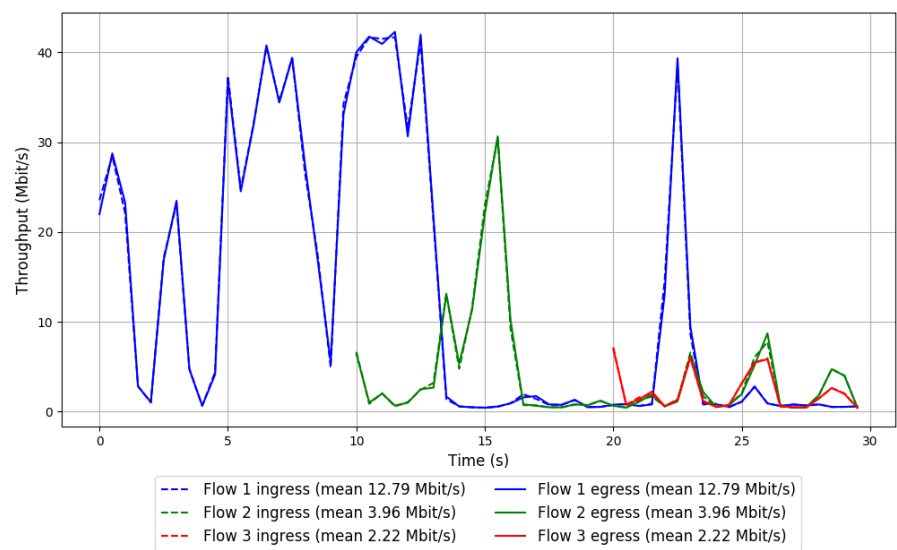
-- Flow 3:

Average throughput: 2.22 Mbit/s

95th percentile per-packet one-way delay: 36.891 ms

Loss rate: 0.00%

Run 10: Report of KohoCC — Data Link

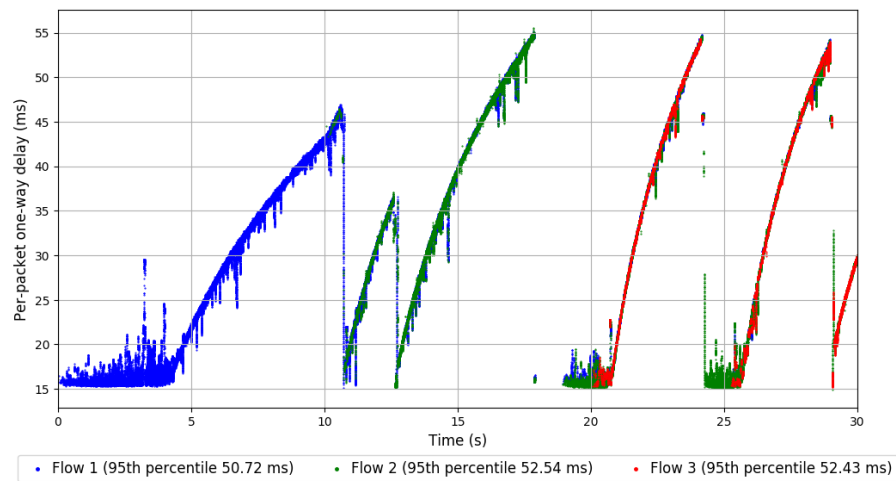
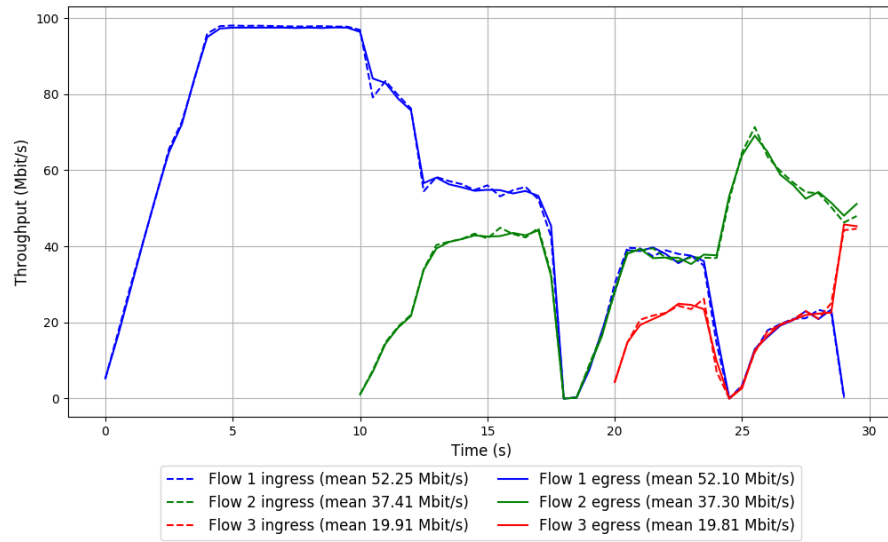


Run 1: Statistics of LEDBAT

Start at: 2017-09-18 03:46:07
End at: 2017-09-18 03:46:37
Local clock offset: -2.224 ms
Remote clock offset: -4.847 ms

Below is generated by plot.py at 2017-09-18 07:24:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.82 Mbit/s
95th percentile per-packet one-way delay: 51.784 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 52.10 Mbit/s
95th percentile per-packet one-way delay: 50.717 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 37.30 Mbit/s
95th percentile per-packet one-way delay: 52.539 ms
Loss rate: 0.37%
-- Flow 3:
Average throughput: 19.81 Mbit/s
95th percentile per-packet one-way delay: 52.432 ms
Loss rate: 0.44%

Run 1: Report of LEDBAT — Data Link

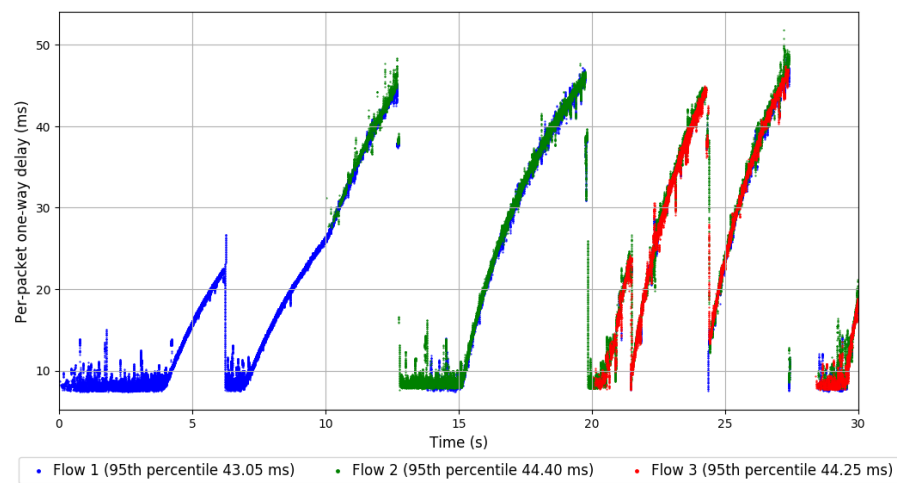
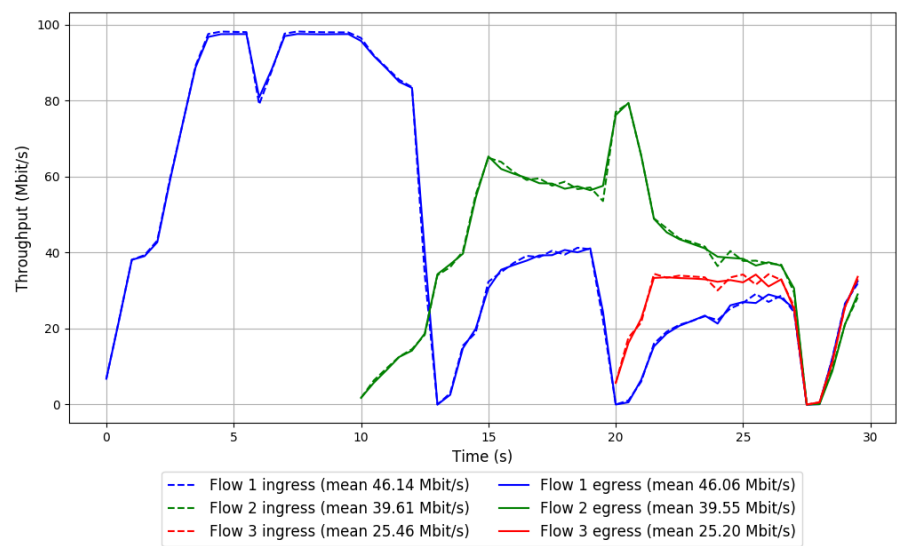


Run 2: Statistics of LEDBAT

Start at: 2017-09-18 04:05:33
End at: 2017-09-18 04:06:03
Local clock offset: -1.011 ms
Remote clock offset: -4.886 ms

Below is generated by plot.py at 2017-09-18 07:24:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.73 Mbit/s
95th percentile per-packet one-way delay: 43.772 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 46.06 Mbit/s
95th percentile per-packet one-way delay: 43.046 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 39.55 Mbit/s
95th percentile per-packet one-way delay: 44.401 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 25.20 Mbit/s
95th percentile per-packet one-way delay: 44.250 ms
Loss rate: 0.92%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2017-09-18 04:24:17

End at: 2017-09-18 04:24:47

Local clock offset: 0.582 ms

Remote clock offset: -3.29 ms

Below is generated by plot.py at 2017-09-18 07:24:48

Datalink statistics

-- Total of 3 flows:

Average throughput: 65.62 Mbit/s

95th percentile per-packet one-way delay: 44.166 ms

Loss rate: 0.09%

-- Flow 1:

Average throughput: 4.56 Mbit/s

95th percentile per-packet one-way delay: 3798.492 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 62.52 Mbit/s

95th percentile per-packet one-way delay: 43.301 ms

Loss rate: 0.08%

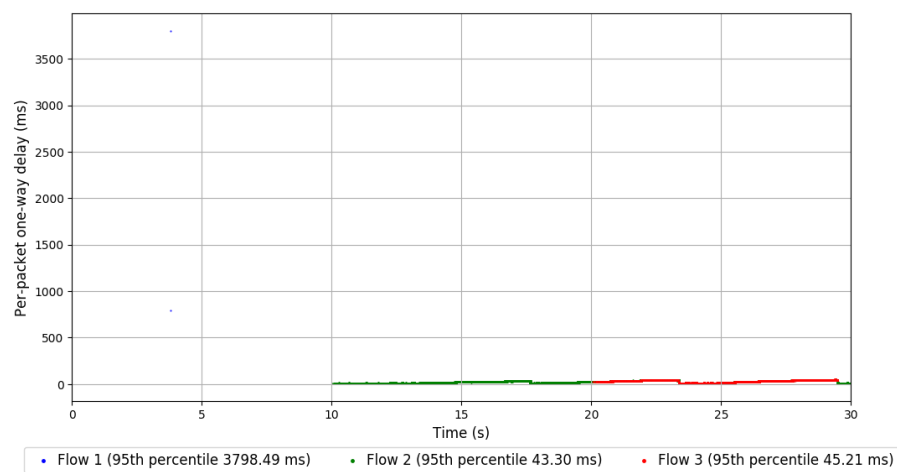
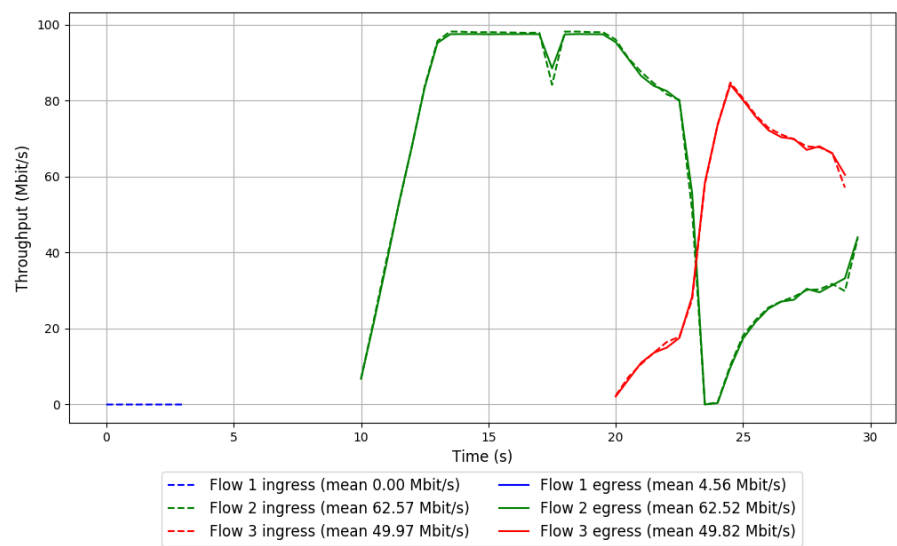
-- Flow 3:

Average throughput: 49.82 Mbit/s

95th percentile per-packet one-way delay: 45.213 ms

Loss rate: 0.14%

Run 3: Report of LEDBAT — Data Link

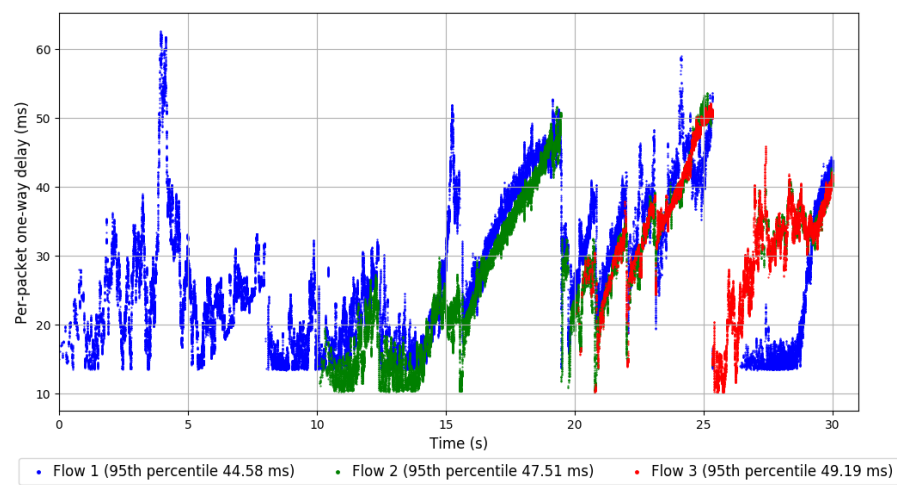
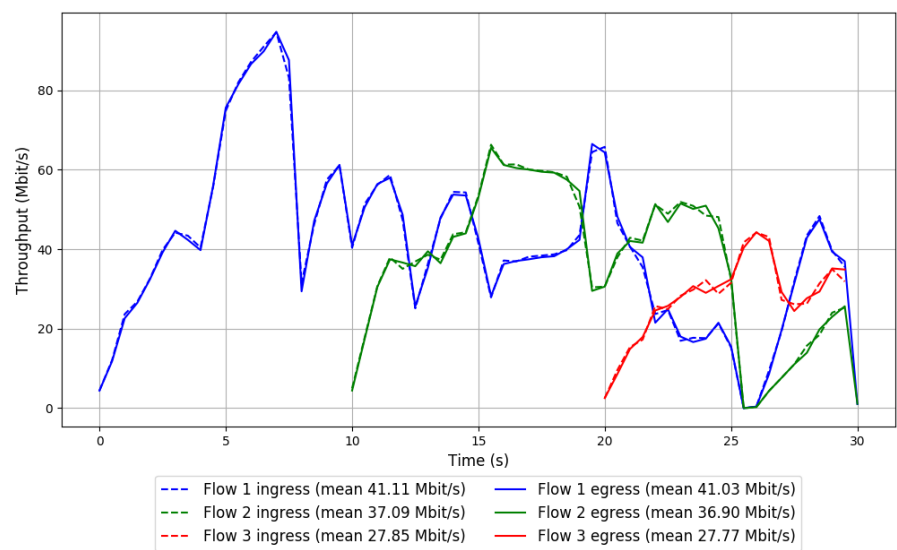


Run 4: Statistics of LEDBAT

Start at: 2017-09-18 04:44:10
End at: 2017-09-18 04:44:40
Local clock offset: -2.394 ms
Remote clock offset: -4.62 ms

Below is generated by plot.py at 2017-09-18 07:24:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.82 Mbit/s
95th percentile per-packet one-way delay: 46.065 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 41.03 Mbit/s
95th percentile per-packet one-way delay: 44.578 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 36.90 Mbit/s
95th percentile per-packet one-way delay: 47.505 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 27.77 Mbit/s
95th percentile per-packet one-way delay: 49.186 ms
Loss rate: 0.07%

Run 4: Report of LEDBAT — Data Link

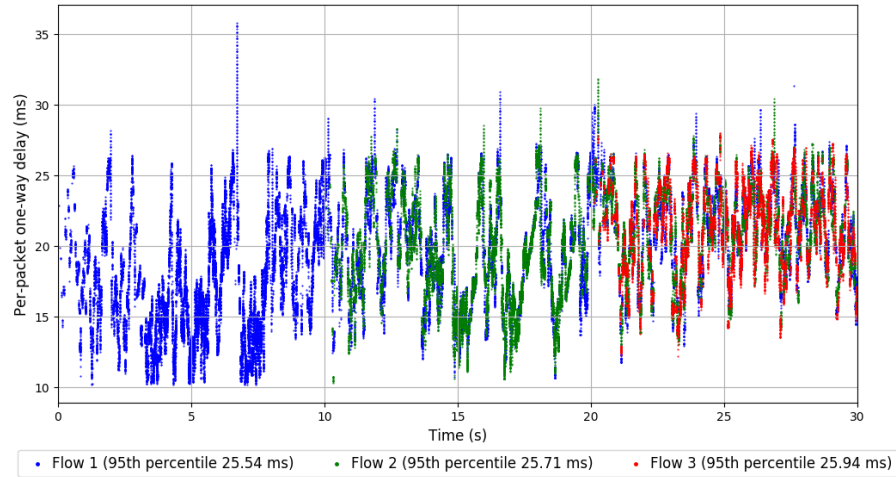
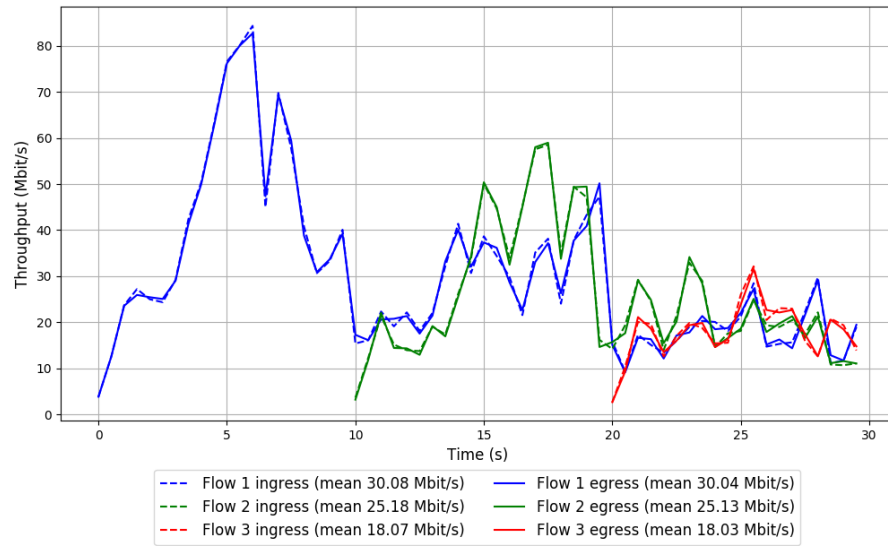


Run 5: Statistics of LEDBAT

Start at: 2017-09-18 05:03:41
End at: 2017-09-18 05:04:11
Local clock offset: -1.856 ms
Remote clock offset: -3.869 ms

Below is generated by plot.py at 2017-09-18 07:24:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 52.74 Mbit/s
95th percentile per-packet one-way delay: 25.658 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 30.04 Mbit/s
95th percentile per-packet one-way delay: 25.537 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 25.13 Mbit/s
95th percentile per-packet one-way delay: 25.710 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 18.03 Mbit/s
95th percentile per-packet one-way delay: 25.936 ms
Loss rate: 0.31%

Run 5: Report of LEDBAT — Data Link

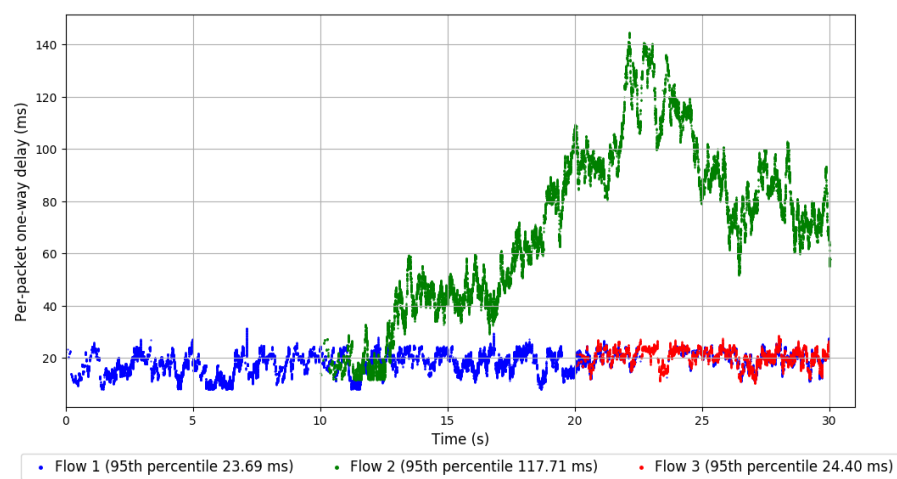
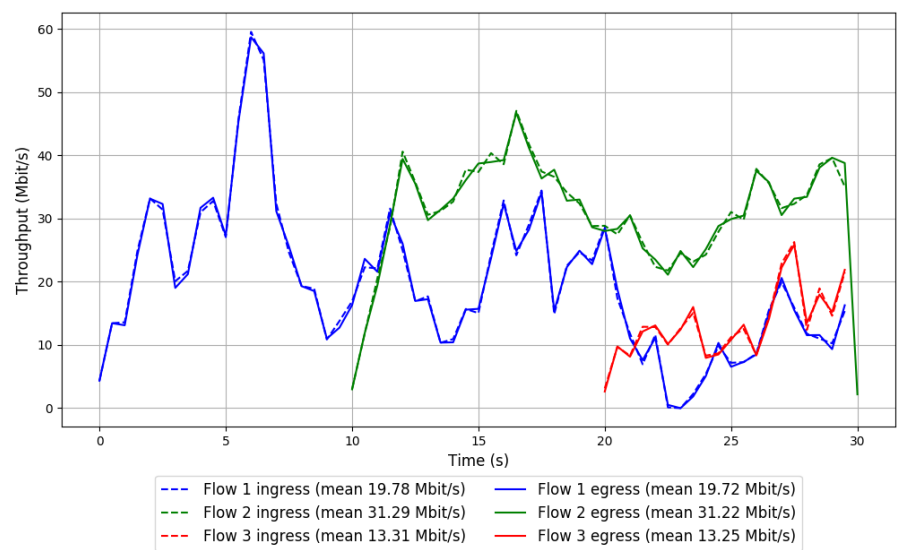


Run 6: Statistics of LEDBAT

Start at: 2017-09-18 05:23:37
End at: 2017-09-18 05:24:08
Local clock offset: 0.853 ms
Remote clock offset: -3.678 ms

Below is generated by plot.py at 2017-09-18 07:24:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 44.90 Mbit/s
95th percentile per-packet one-way delay: 104.217 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 19.72 Mbit/s
95th percentile per-packet one-way delay: 23.688 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 31.22 Mbit/s
95th percentile per-packet one-way delay: 117.710 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 13.25 Mbit/s
95th percentile per-packet one-way delay: 24.397 ms
Loss rate: 0.35%

Run 6: Report of LEDBAT — Data Link

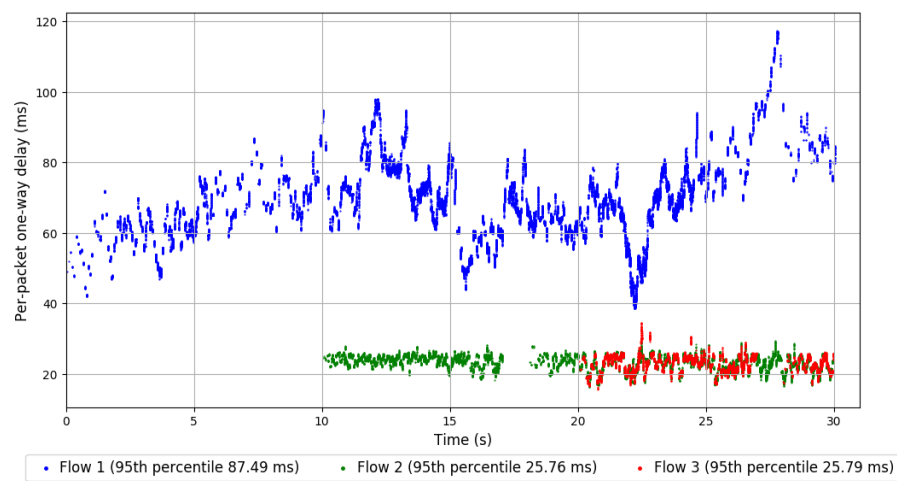
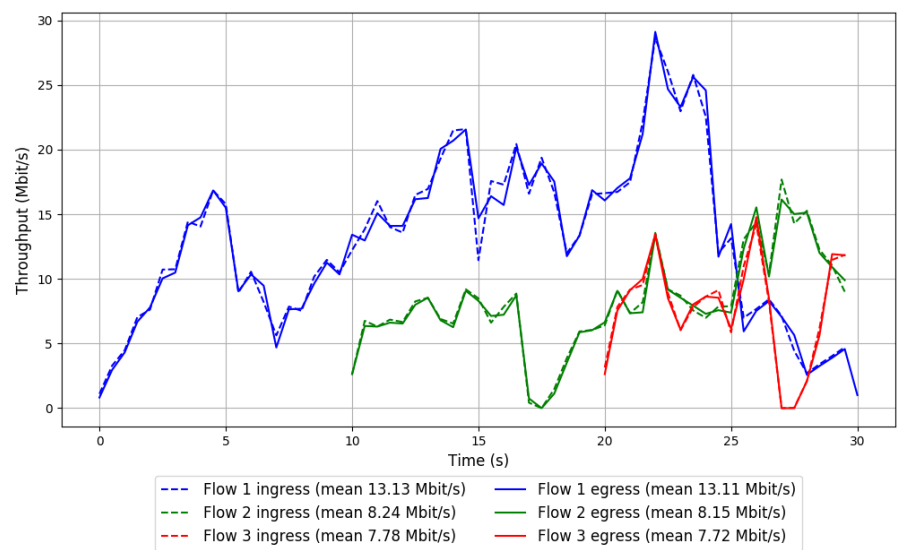


Run 7: Statistics of LEDBAT

Start at: 2017-09-18 05:43:35
End at: 2017-09-18 05:44:05
Local clock offset: 1.061 ms
Remote clock offset: -2.811 ms

Below is generated by plot.py at 2017-09-18 07:24:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 21.07 Mbit/s
95th percentile per-packet one-way delay: 84.075 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 13.11 Mbit/s
95th percentile per-packet one-way delay: 87.490 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 8.15 Mbit/s
95th percentile per-packet one-way delay: 25.764 ms
Loss rate: 1.10%
-- Flow 3:
Average throughput: 7.72 Mbit/s
95th percentile per-packet one-way delay: 25.788 ms
Loss rate: 0.79%

Run 7: Report of LEDBAT — Data Link

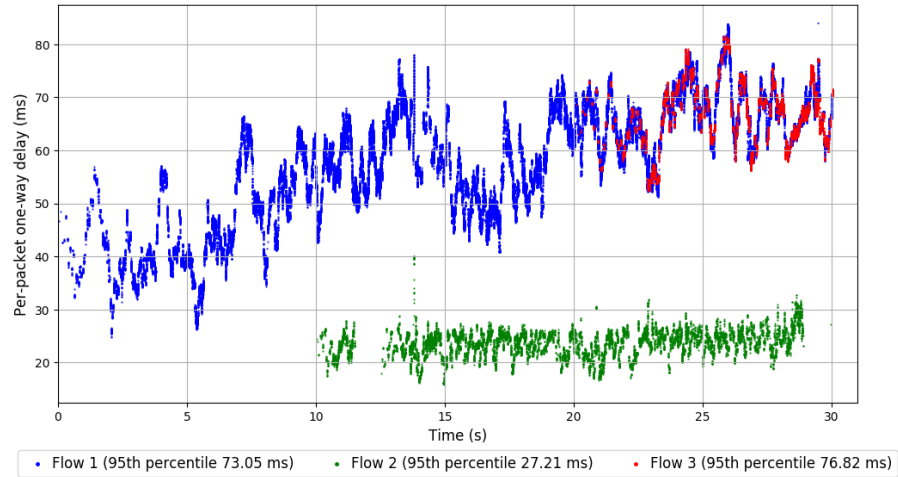
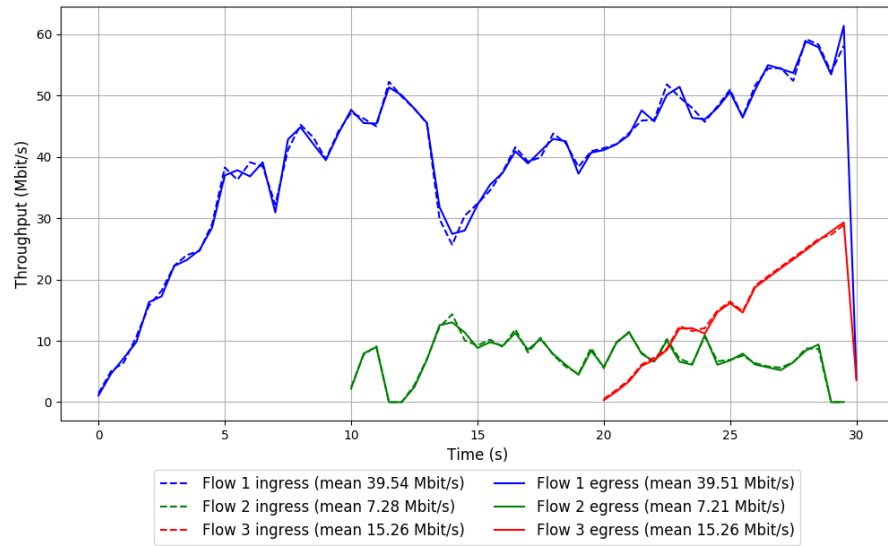


Run 8: Statistics of LEDBAT

Start at: 2017-09-18 06:02:58
End at: 2017-09-18 06:03:28
Local clock offset: 0.3 ms
Remote clock offset: -4.223 ms

Below is generated by plot.py at 2017-09-18 07:24:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 49.33 Mbit/s
95th percentile per-packet one-way delay: 73.296 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 39.51 Mbit/s
95th percentile per-packet one-way delay: 73.045 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 7.21 Mbit/s
95th percentile per-packet one-way delay: 27.211 ms
Loss rate: 0.95%
-- Flow 3:
Average throughput: 15.26 Mbit/s
95th percentile per-packet one-way delay: 76.822 ms
Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link

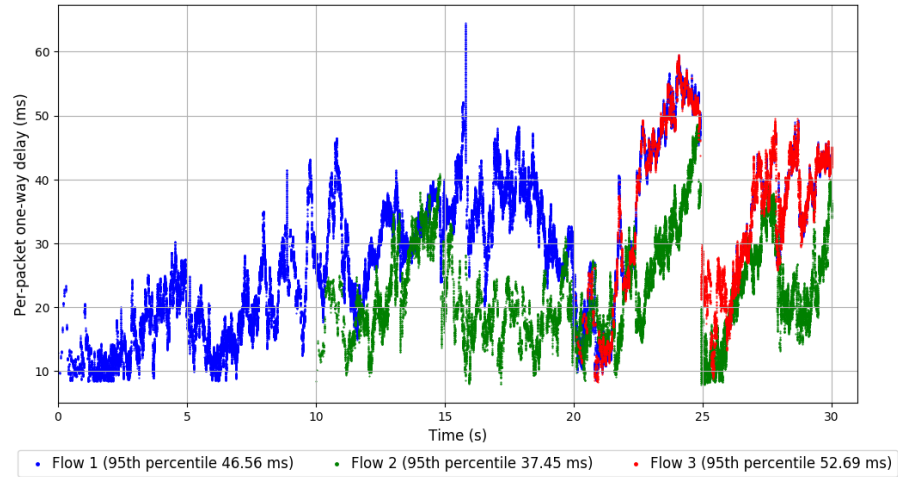
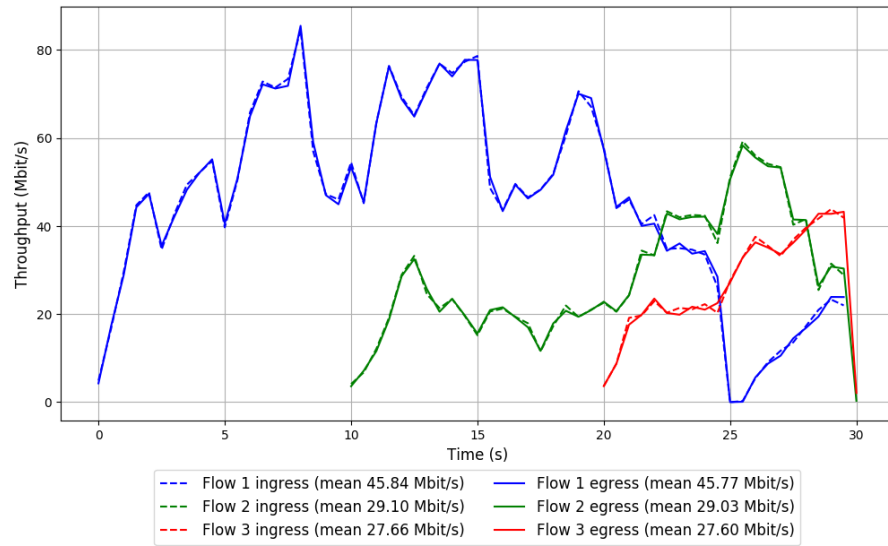


Run 9: Statistics of LEDBAT

Start at: 2017-09-18 06:22:17
End at: 2017-09-18 06:22:47
Local clock offset: 2.956 ms
Remote clock offset: -4.014 ms

Below is generated by plot.py at 2017-09-18 07:25:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.24 Mbit/s
95th percentile per-packet one-way delay: 46.559 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 45.77 Mbit/s
95th percentile per-packet one-way delay: 46.560 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 29.03 Mbit/s
95th percentile per-packet one-way delay: 37.449 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 27.60 Mbit/s
95th percentile per-packet one-way delay: 52.687 ms
Loss rate: 0.02%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2017-09-18 06:41:06

End at: 2017-09-18 06:41:37

Local clock offset: 2.983 ms

Remote clock offset: -3.71 ms

Below is generated by plot.py at 2017-09-18 07:25:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 71.11 Mbit/s

95th percentile per-packet one-way delay: 78.691 ms

Loss rate: 0.18%

-- Flow 1:

Average throughput: 48.61 Mbit/s

95th percentile per-packet one-way delay: 70.866 ms

Loss rate: 0.21%

-- Flow 2:

Average throughput: 26.71 Mbit/s

95th percentile per-packet one-way delay: 84.118 ms

Loss rate: 0.17%

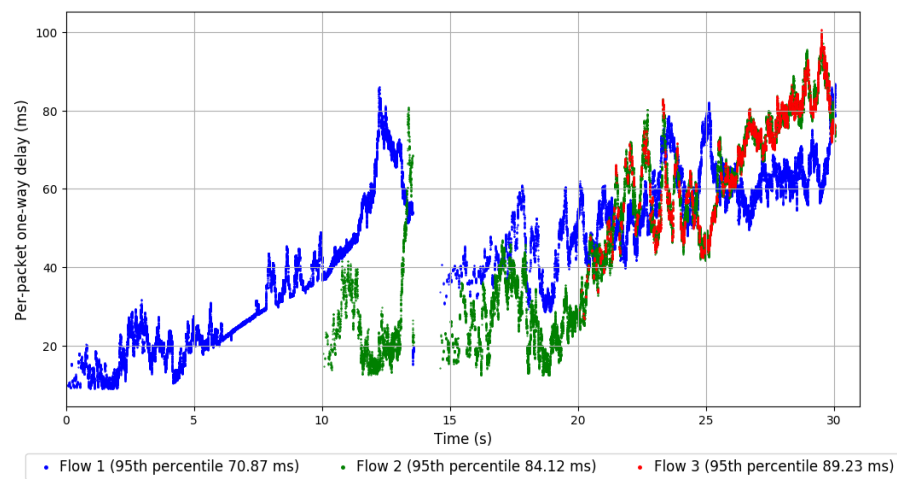
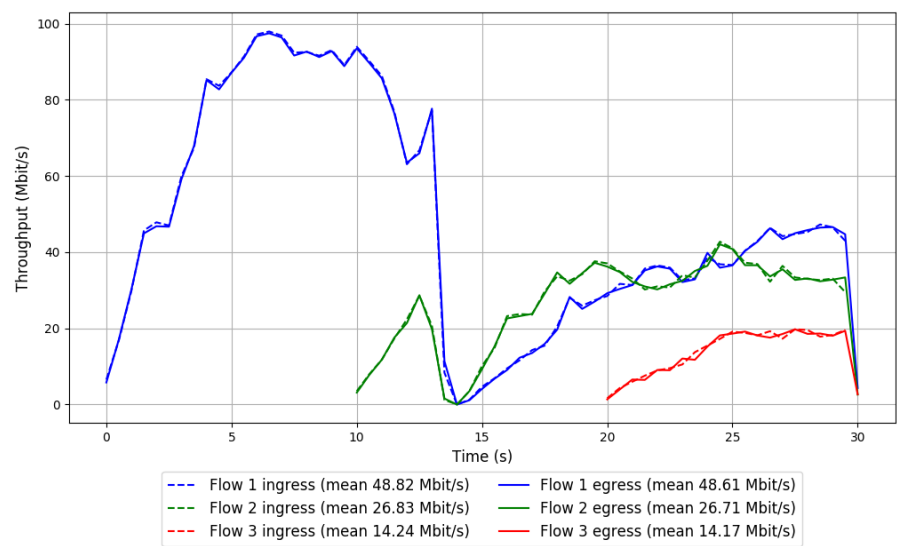
-- Flow 3:

Average throughput: 14.17 Mbit/s

95th percentile per-packet one-way delay: 89.230 ms

Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link

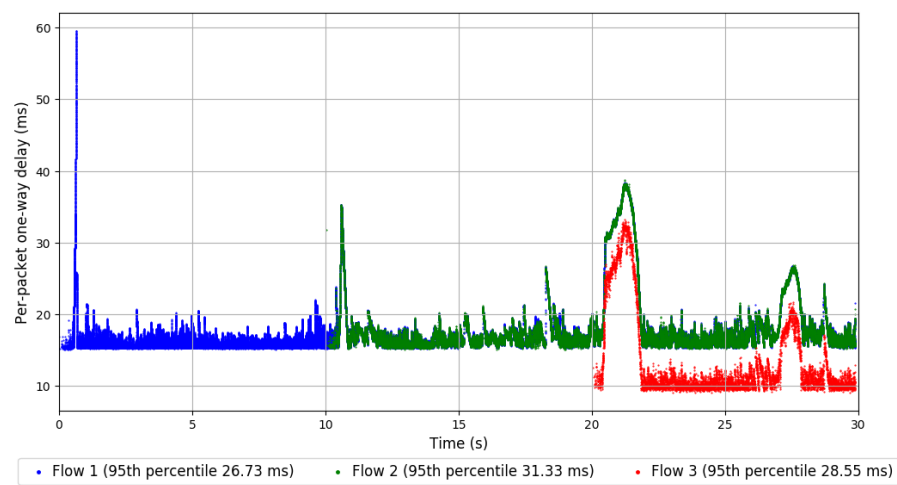
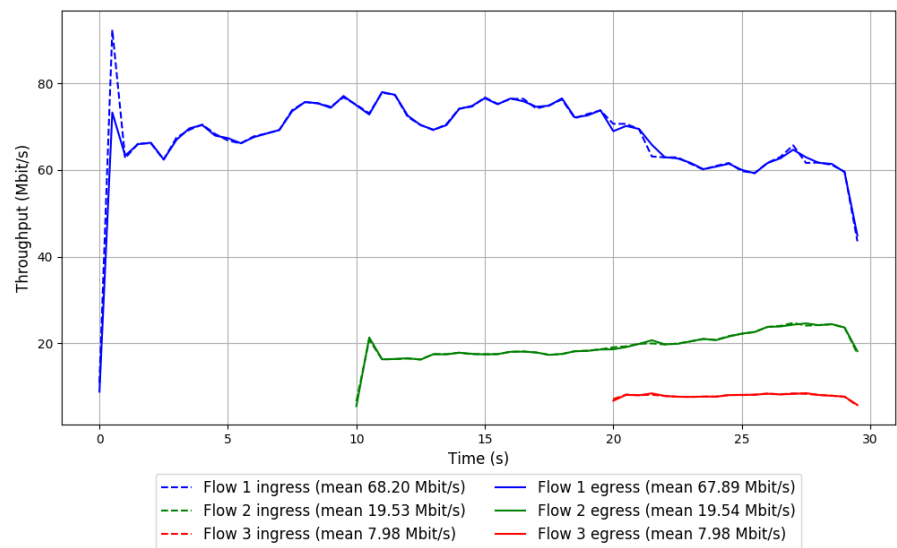


Run 1: Statistics of PCC

Start at: 2017-09-18 03:44:45
End at: 2017-09-18 03:45:15
Local clock offset: -2.28 ms
Remote clock offset: -4.811 ms

Below is generated by plot.py at 2017-09-18 07:25:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.49 Mbit/s
95th percentile per-packet one-way delay: 28.768 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 67.89 Mbit/s
95th percentile per-packet one-way delay: 26.735 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 19.54 Mbit/s
95th percentile per-packet one-way delay: 31.331 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 7.98 Mbit/s
95th percentile per-packet one-way delay: 28.555 ms
Loss rate: 0.00%

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

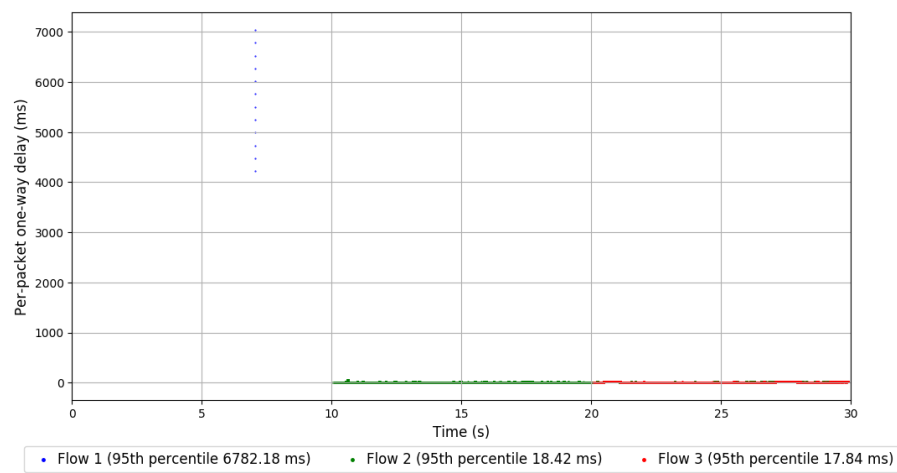
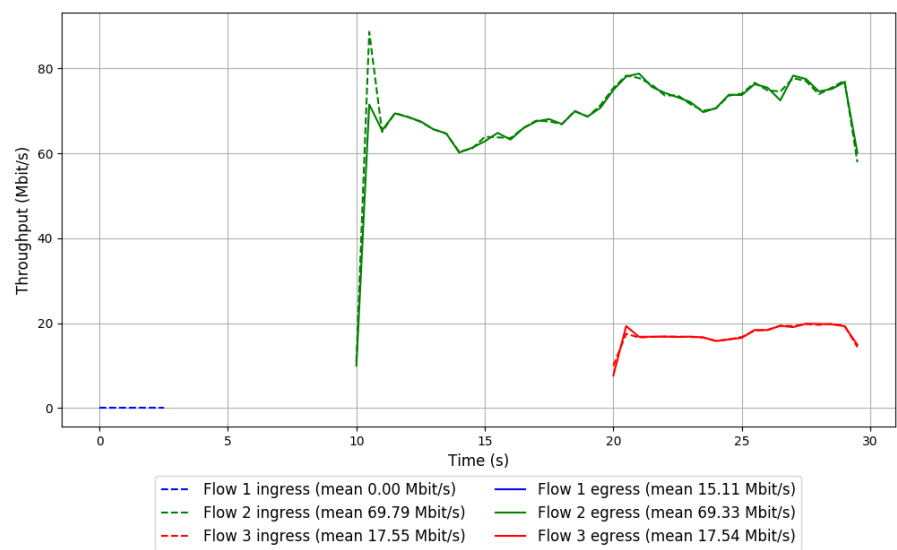
Start at: 2017-09-18 04:04:22

End at: 2017-09-18 04:04:52

Local clock offset: 0.058 ms

Remote clock offset: -4.23 ms

Run 2: Report of PCC — Data Link

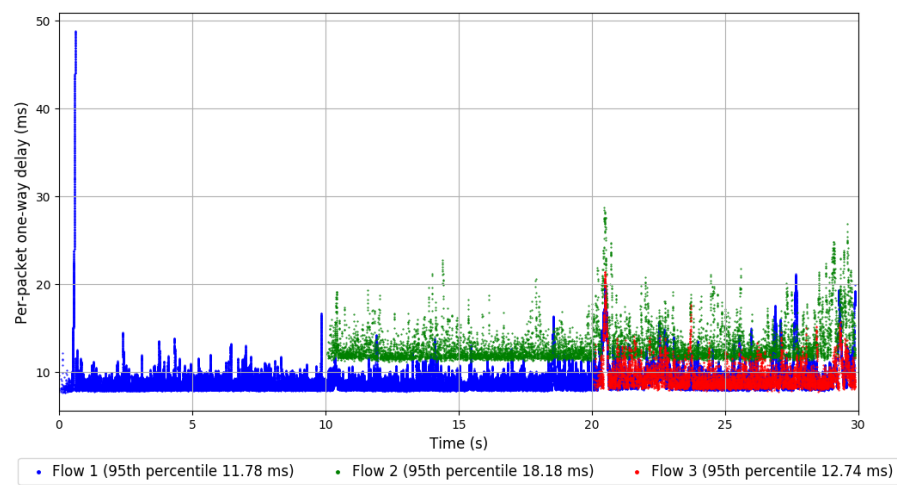
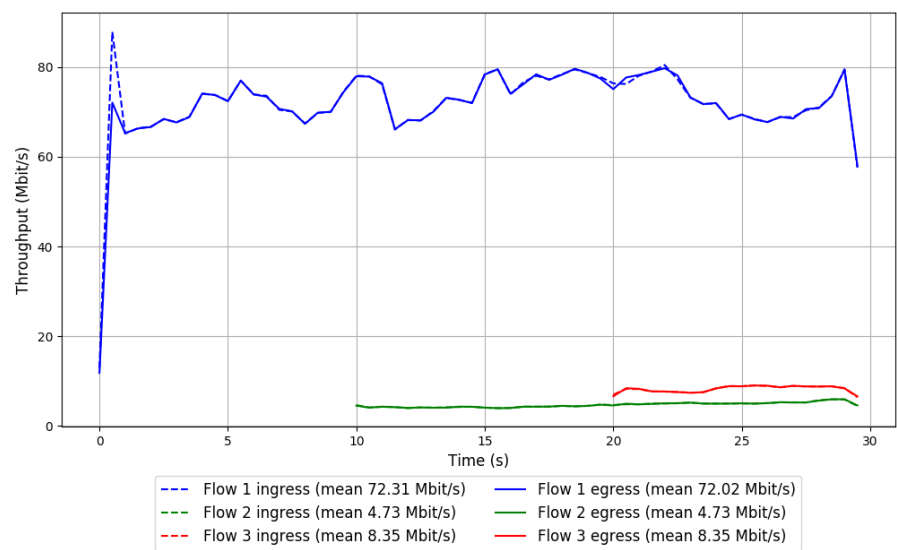


Run 3: Statistics of PCC

Start at: 2017-09-18 04:23:06
End at: 2017-09-18 04:23:36
Local clock offset: 0.099 ms
Remote clock offset: -3.831 ms

Below is generated by plot.py at 2017-09-18 07:25:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.92 Mbit/s
95th percentile per-packet one-way delay: 12.898 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 72.02 Mbit/s
95th percentile per-packet one-way delay: 11.777 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 4.73 Mbit/s
95th percentile per-packet one-way delay: 18.177 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 8.35 Mbit/s
95th percentile per-packet one-way delay: 12.738 ms
Loss rate: 0.01%

Run 3: Report of PCC — Data Link

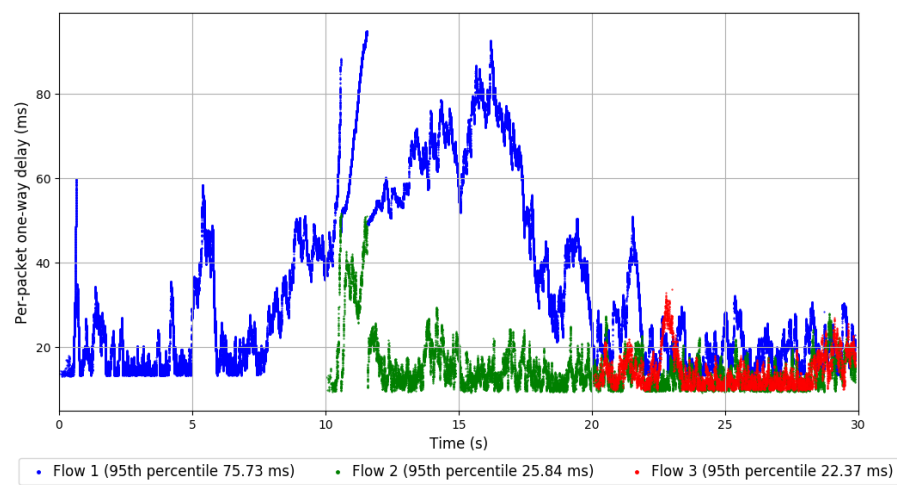
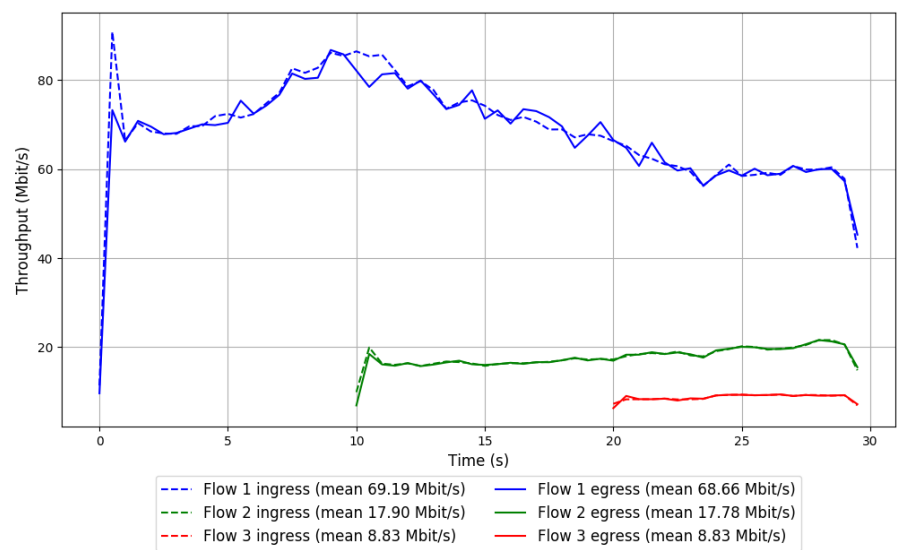


Run 4: Statistics of PCC

Start at: 2017-09-18 04:42:45
End at: 2017-09-18 04:43:15
Local clock offset: -0.564 ms
Remote clock offset: -3.186 ms

Below is generated by plot.py at 2017-09-18 07:26:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.38 Mbit/s
95th percentile per-packet one-way delay: 74.272 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 68.66 Mbit/s
95th percentile per-packet one-way delay: 75.729 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 17.78 Mbit/s
95th percentile per-packet one-way delay: 25.845 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 8.83 Mbit/s
95th percentile per-packet one-way delay: 22.374 ms
Loss rate: 0.00%

Run 4: Report of PCC — Data Link

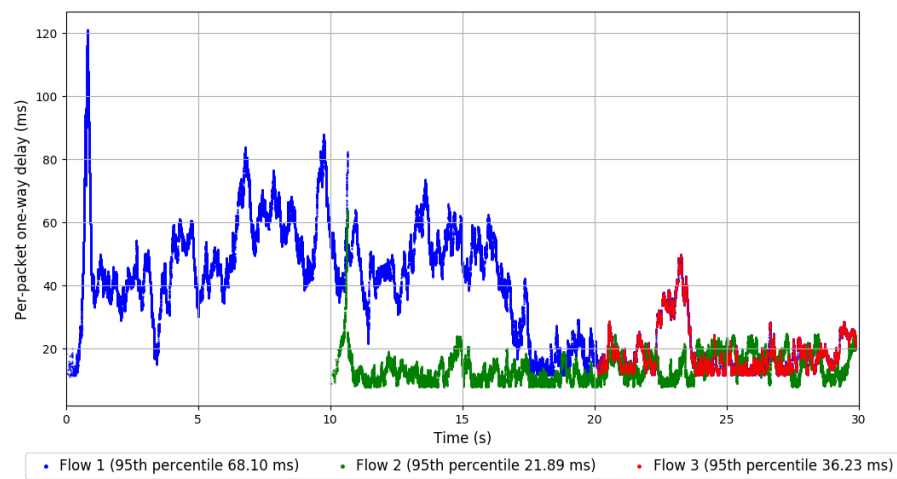
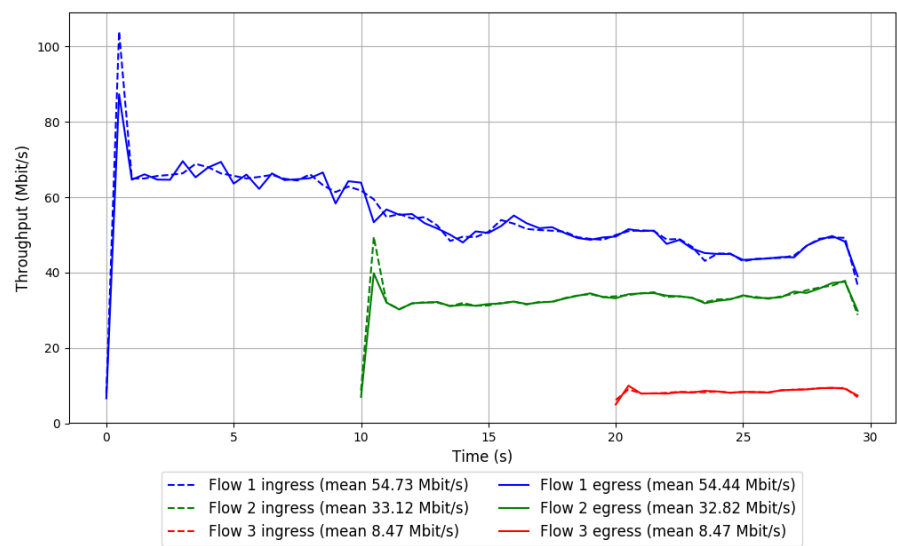


Run 5: Statistics of PCC

Start at: 2017-09-18 05:02:24
End at: 2017-09-18 05:02:55
Local clock offset: 0.261 ms
Remote clock offset: -4.191 ms

Below is generated by plot.py at 2017-09-18 07:26:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.05 Mbit/s
95th percentile per-packet one-way delay: 64.596 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 54.44 Mbit/s
95th percentile per-packet one-way delay: 68.098 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 32.82 Mbit/s
95th percentile per-packet one-way delay: 21.891 ms
Loss rate: 0.85%
-- Flow 3:
Average throughput: 8.47 Mbit/s
95th percentile per-packet one-way delay: 36.225 ms
Loss rate: 0.00%

Run 5: Report of PCC — Data Link

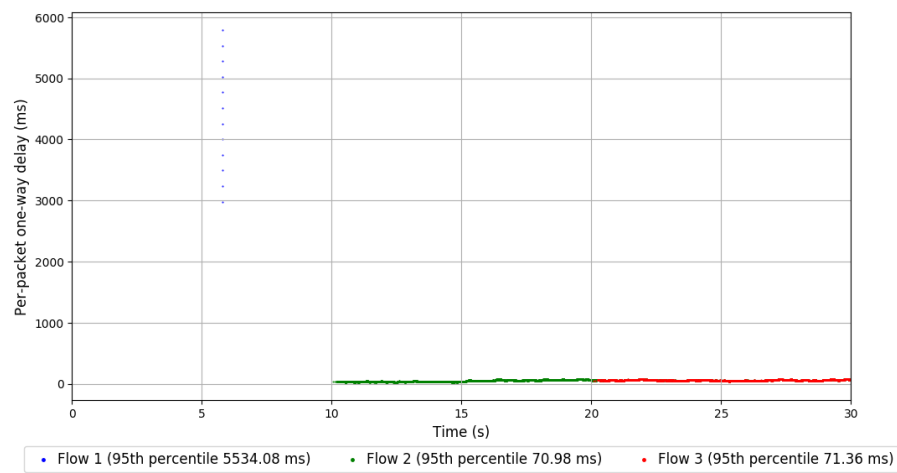
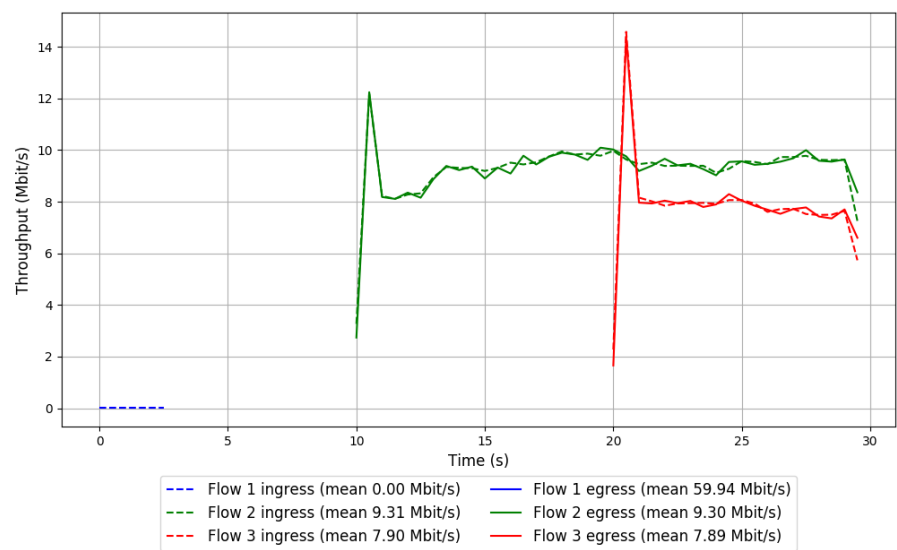


Run 6: Statistics of PCC

Start at: 2017-09-18 05:22:25
End at: 2017-09-18 05:22:55
Local clock offset: 0.807 ms
Remote clock offset: -3.904 ms

Below is generated by plot.py at 2017-09-18 07:26:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 10.88 Mbit/s
95th percentile per-packet one-way delay: 71.139 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.94 Mbit/s
95th percentile per-packet one-way delay: 5534.081 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 9.30 Mbit/s
95th percentile per-packet one-way delay: 70.979 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 7.89 Mbit/s
95th percentile per-packet one-way delay: 71.361 ms
Loss rate: 0.00%

Run 6: Report of PCC — Data Link

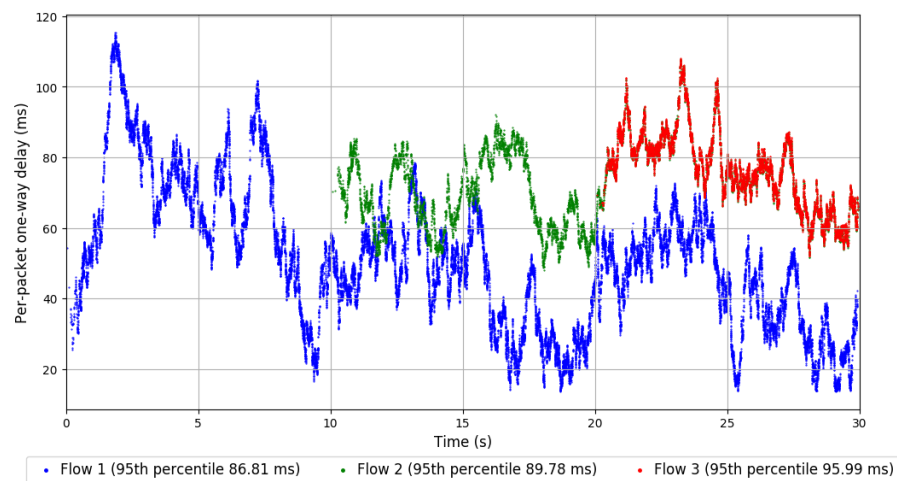
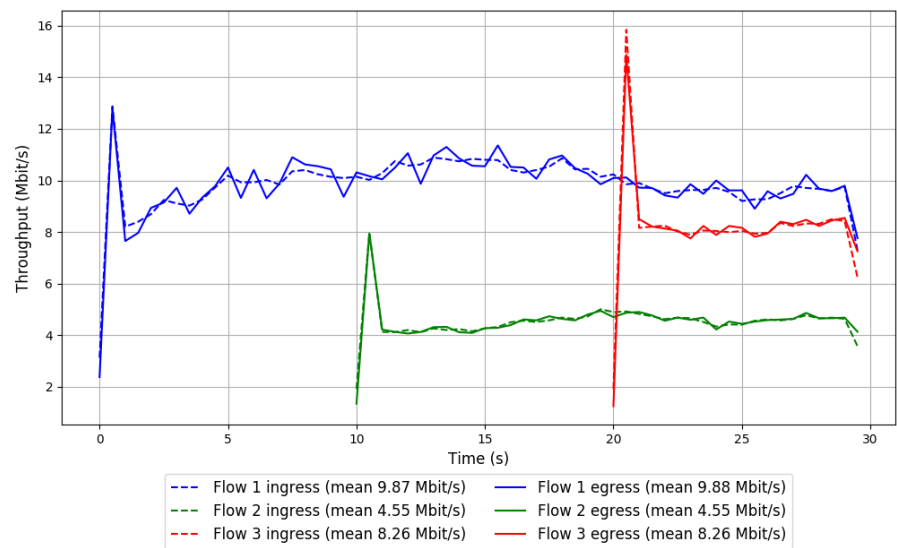


Run 7: Statistics of PCC

Start at: 2017-09-18 05:42:21
End at: 2017-09-18 05:42:51
Local clock offset: 0.428 ms
Remote clock offset: -2.909 ms

Below is generated by plot.py at 2017-09-18 07:26:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 15.62 Mbit/s
95th percentile per-packet one-way delay: 89.570 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.88 Mbit/s
95th percentile per-packet one-way delay: 86.814 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.55 Mbit/s
95th percentile per-packet one-way delay: 89.777 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 8.26 Mbit/s
95th percentile per-packet one-way delay: 95.991 ms
Loss rate: 0.00%

Run 7: Report of PCC — Data Link

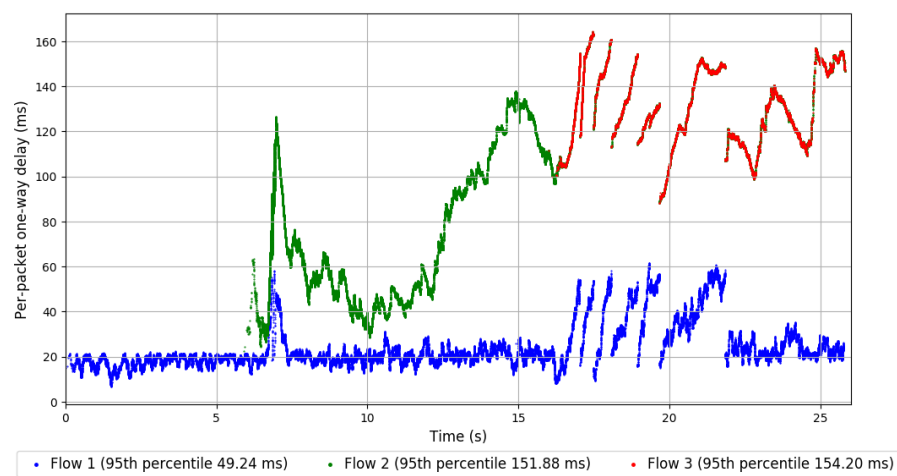
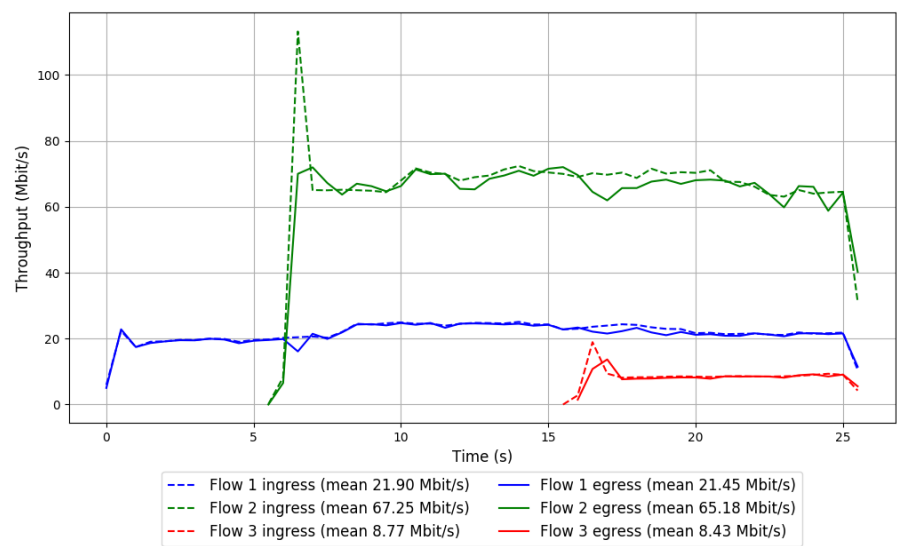


Run 8: Statistics of PCC

Start at: 2017-09-18 06:01:43
End at: 2017-09-18 06:02:13
Local clock offset: 3.895 ms
Remote clock offset: -4.903 ms

Below is generated by plot.py at 2017-09-18 07:26:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.93 Mbit/s
95th percentile per-packet one-way delay: 150.412 ms
Loss rate: 2.68%
-- Flow 1:
Average throughput: 21.45 Mbit/s
95th percentile per-packet one-way delay: 49.236 ms
Loss rate: 2.01%
-- Flow 2:
Average throughput: 65.18 Mbit/s
95th percentile per-packet one-way delay: 151.879 ms
Loss rate: 2.85%
-- Flow 3:
Average throughput: 8.43 Mbit/s
95th percentile per-packet one-way delay: 154.196 ms
Loss rate: 4.41%

Run 8: Report of PCC — Data Link

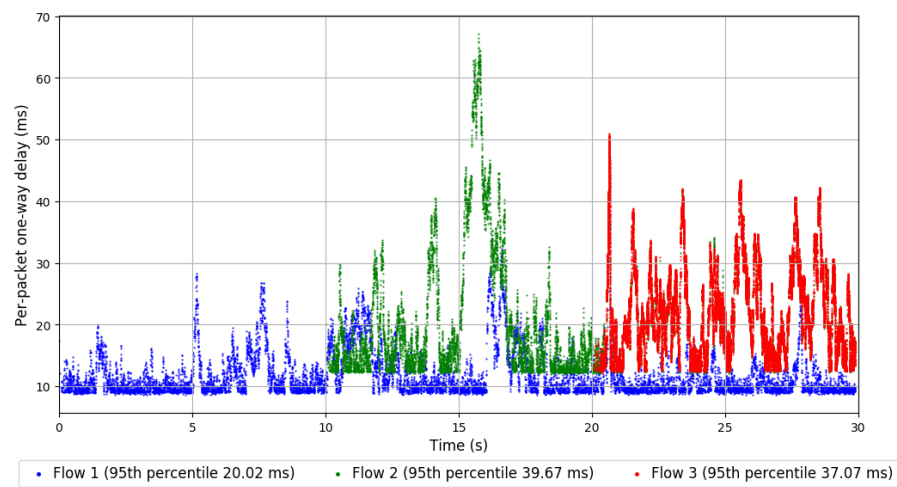
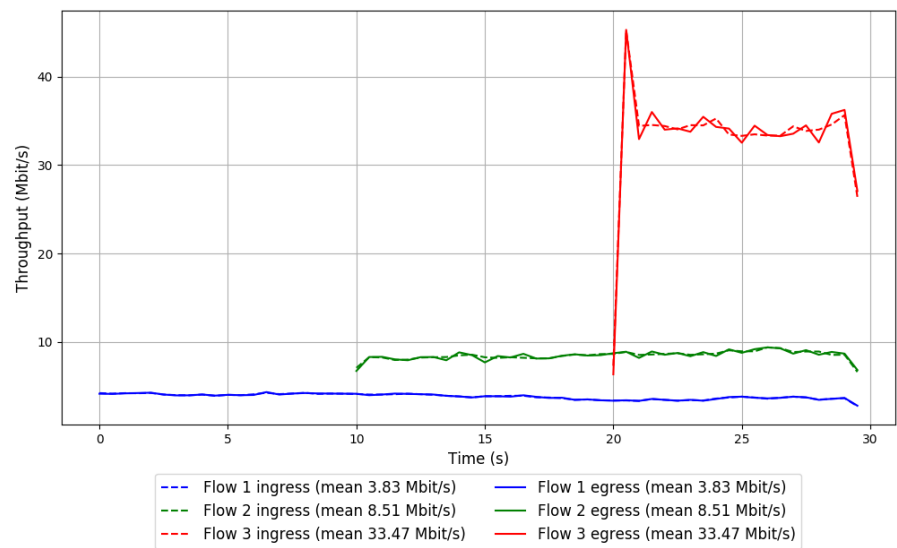


Run 9: Statistics of PCC

Start at: 2017-09-18 06:21:10
End at: 2017-09-18 06:21:40
Local clock offset: 2.266 ms
Remote clock offset: -3.996 ms

Below is generated by plot.py at 2017-09-18 07:26:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 20.53 Mbit/s
95th percentile per-packet one-way delay: 36.351 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 3.83 Mbit/s
95th percentile per-packet one-way delay: 20.018 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.51 Mbit/s
95th percentile per-packet one-way delay: 39.671 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 33.47 Mbit/s
95th percentile per-packet one-way delay: 37.072 ms
Loss rate: 0.04%

Run 9: Report of PCC — Data Link

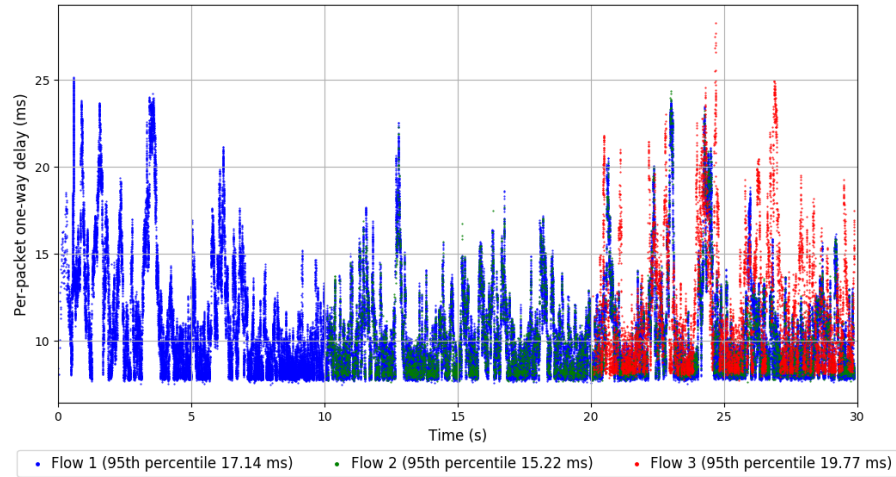
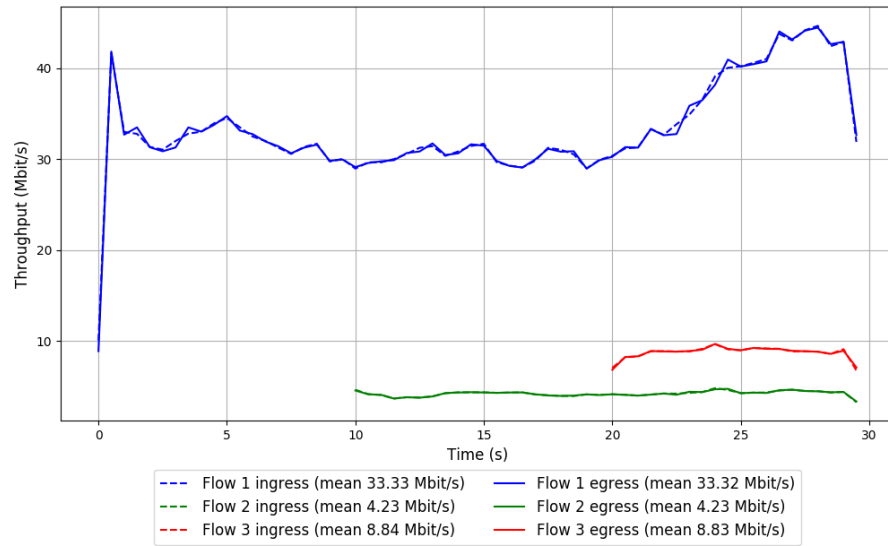


Run 10: Statistics of PCC

Start at: 2017-09-18 06:39:57
End at: 2017-09-18 06:40:27
Local clock offset: 4.013 ms
Remote clock offset: -3.638 ms

Below is generated by plot.py at 2017-09-18 07:26:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 39.04 Mbit/s
95th percentile per-packet one-way delay: 17.413 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 33.32 Mbit/s
95th percentile per-packet one-way delay: 17.139 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 4.23 Mbit/s
95th percentile per-packet one-way delay: 15.223 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 8.83 Mbit/s
95th percentile per-packet one-way delay: 19.774 ms
Loss rate: 0.00%

Run 10: Report of PCC — Data Link

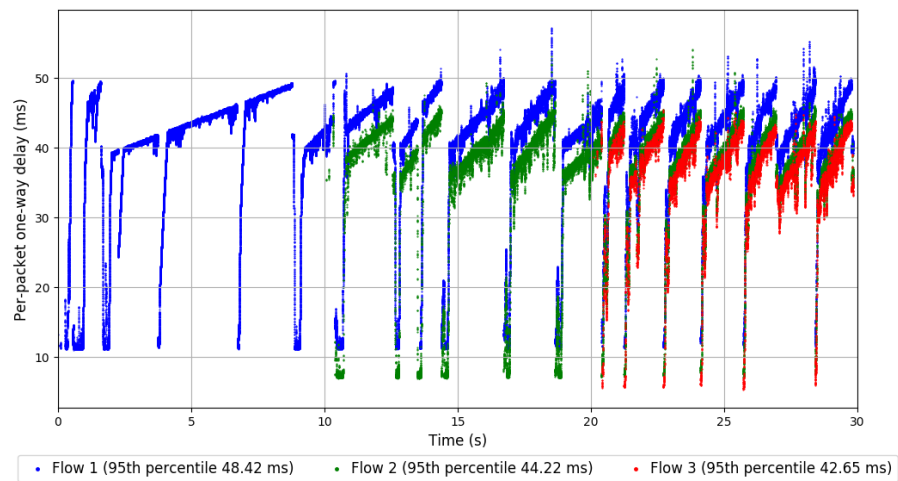
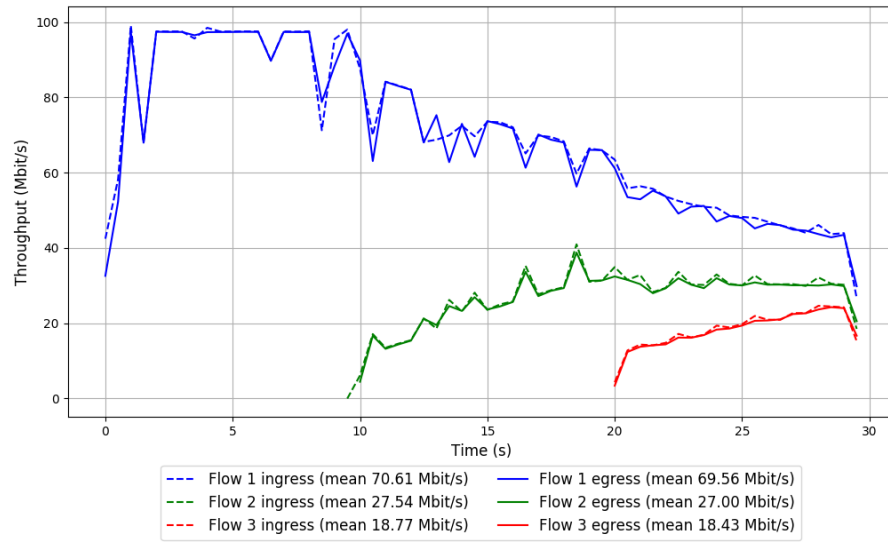


Run 1: Statistics of QUIC Cubic

Start at: 2017-09-18 03:32:41
End at: 2017-09-18 03:33:11
Local clock offset: 1.082 ms
Remote clock offset: -5.615 ms

Below is generated by plot.py at 2017-09-18 07:27:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.54 Mbit/s
95th percentile per-packet one-way delay: 48.180 ms
Loss rate: 1.55%
-- Flow 1:
Average throughput: 69.56 Mbit/s
95th percentile per-packet one-way delay: 48.416 ms
Loss rate: 1.42%
-- Flow 2:
Average throughput: 27.00 Mbit/s
95th percentile per-packet one-way delay: 44.215 ms
Loss rate: 1.95%
-- Flow 3:
Average throughput: 18.43 Mbit/s
95th percentile per-packet one-way delay: 42.653 ms
Loss rate: 1.85%

Run 1: Report of QUIC Cubic — Data Link

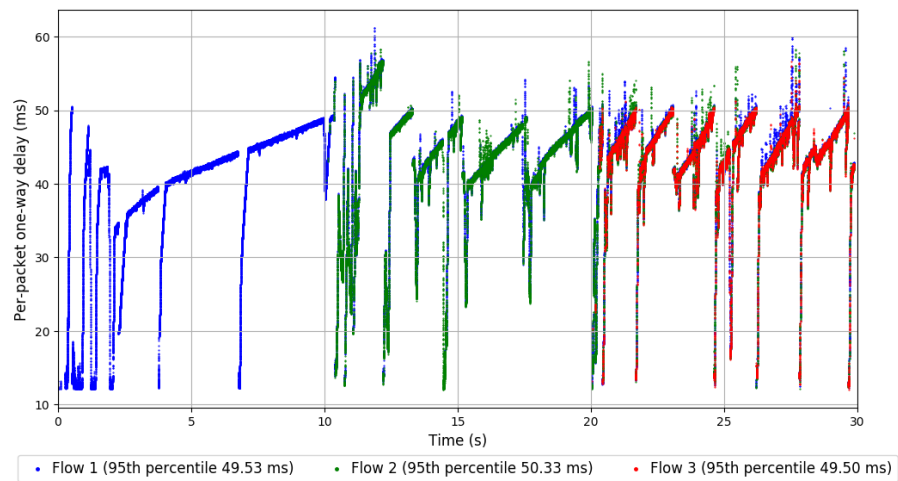
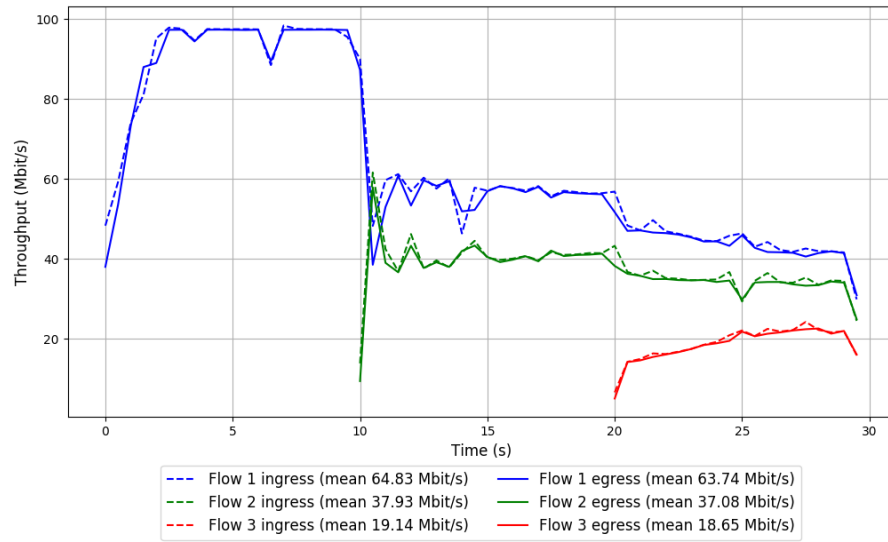


Run 2: Statistics of QUIC Cubic

Start at: 2017-09-18 03:53:20
End at: 2017-09-18 03:53:50
Local clock offset: -0.576 ms
Remote clock offset: -3.775 ms

Below is generated by plot.py at 2017-09-18 07:27:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.48 Mbit/s
95th percentile per-packet one-way delay: 49.684 ms
Loss rate: 1.80%
-- Flow 1:
Average throughput: 63.74 Mbit/s
95th percentile per-packet one-way delay: 49.527 ms
Loss rate: 1.59%
-- Flow 2:
Average throughput: 37.08 Mbit/s
95th percentile per-packet one-way delay: 50.330 ms
Loss rate: 2.21%
-- Flow 3:
Average throughput: 18.65 Mbit/s
95th percentile per-packet one-way delay: 49.496 ms
Loss rate: 2.22%

Run 2: Report of QUIC Cubic — Data Link

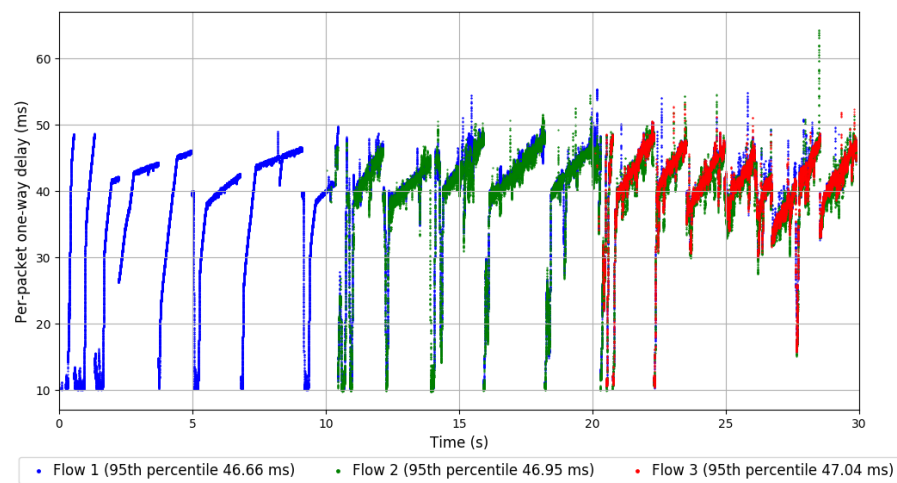
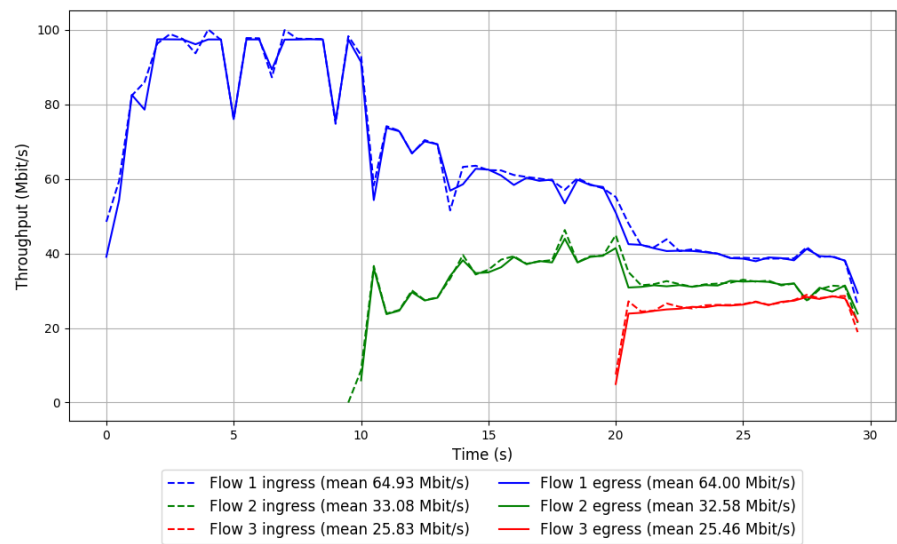


Run 3: Statistics of QUIC Cubic

Start at: 2017-09-18 04:12:11
End at: 2017-09-18 04:12:41
Local clock offset: -3.025 ms
Remote clock offset: -4.676 ms

Below is generated by plot.py at 2017-09-18 07:27:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.99 Mbit/s
95th percentile per-packet one-way delay: 46.746 ms
Loss rate: 1.38%
-- Flow 1:
Average throughput: 64.00 Mbit/s
95th percentile per-packet one-way delay: 46.656 ms
Loss rate: 1.32%
-- Flow 2:
Average throughput: 32.58 Mbit/s
95th percentile per-packet one-way delay: 46.955 ms
Loss rate: 1.51%
-- Flow 3:
Average throughput: 25.46 Mbit/s
95th percentile per-packet one-way delay: 47.040 ms
Loss rate: 1.47%

Run 3: Report of QUIC Cubic — Data Link

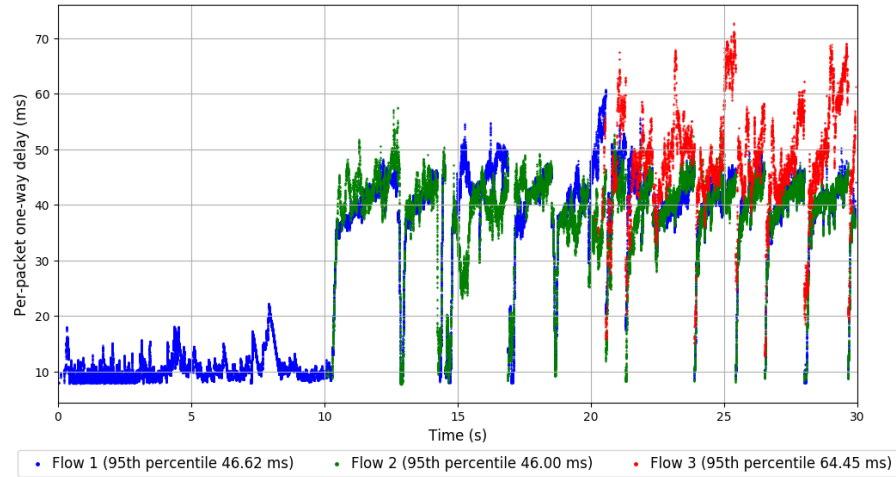
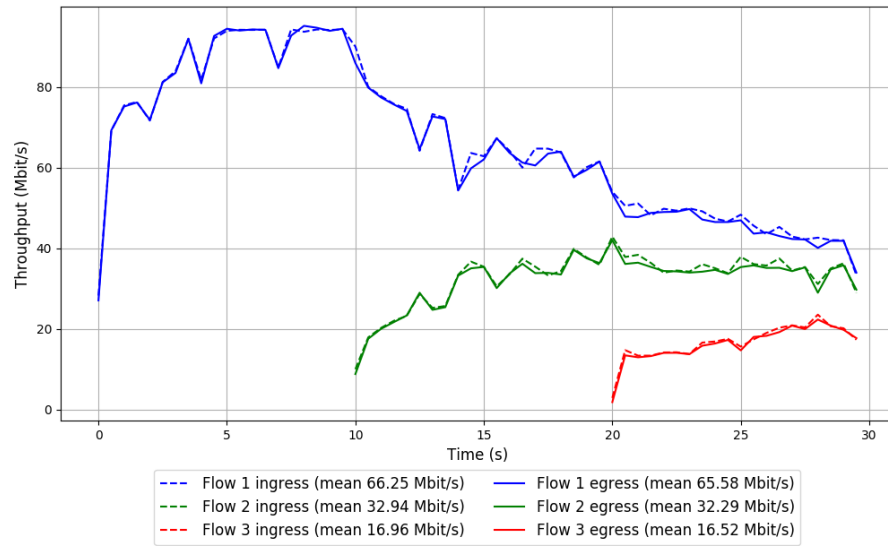


Run 4: Statistics of QUIC Cubic

Start at: 2017-09-18 04:31:10
End at: 2017-09-18 04:31:40
Local clock offset: -0.77 ms
Remote clock offset: -4.965 ms

Below is generated by plot.py at 2017-09-18 07:27:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.46 Mbit/s
95th percentile per-packet one-way delay: 48.204 ms
Loss rate: 1.20%
-- Flow 1:
Average throughput: 65.58 Mbit/s
95th percentile per-packet one-way delay: 46.618 ms
Loss rate: 0.89%
-- Flow 2:
Average throughput: 32.29 Mbit/s
95th percentile per-packet one-way delay: 46.004 ms
Loss rate: 1.82%
-- Flow 3:
Average throughput: 16.52 Mbit/s
95th percentile per-packet one-way delay: 64.454 ms
Loss rate: 2.50%

Run 4: Report of QUIC Cubic — Data Link

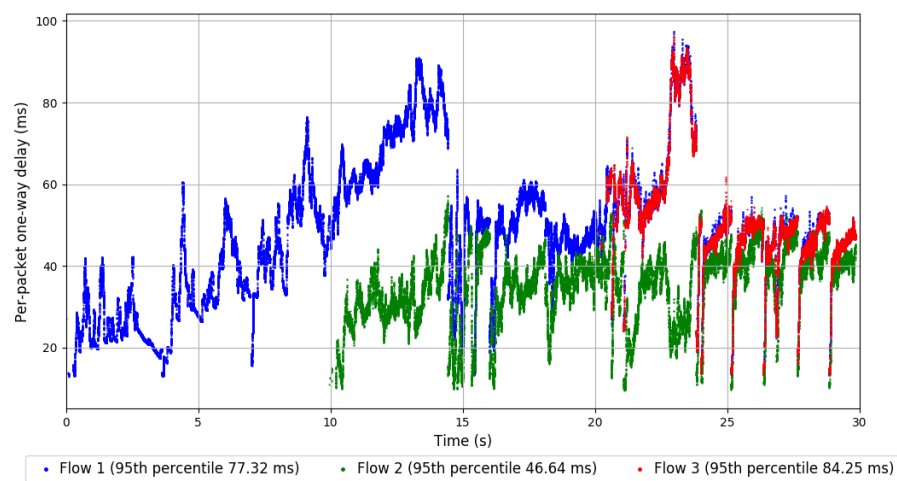
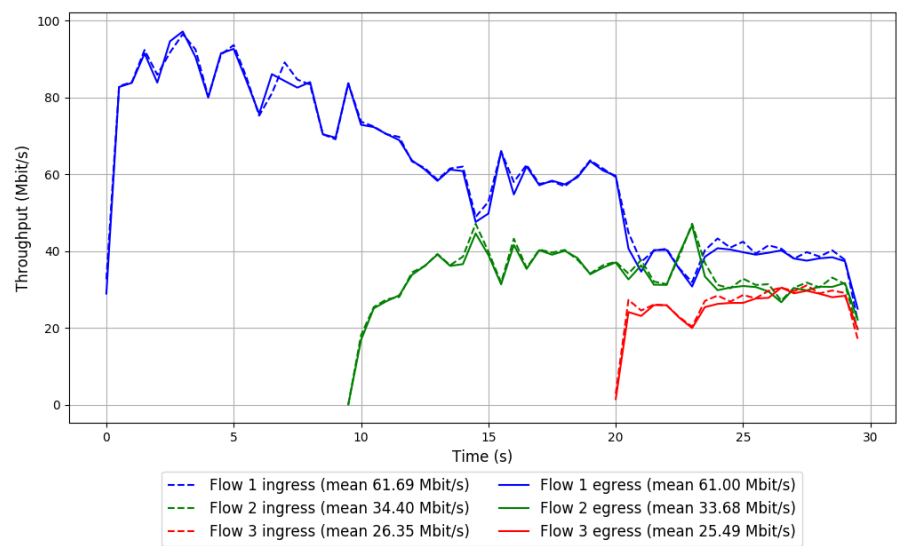


Run 5: Statistics of QUIC Cubic

Start at: 2017-09-18 04:50:50
End at: 2017-09-18 04:51:20
Local clock offset: -0.543 ms
Remote clock offset: -3.342 ms

Below is generated by plot.py at 2017-09-18 07:27:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.80 Mbit/s
95th percentile per-packet one-way delay: 74.432 ms
Loss rate: 1.49%
-- Flow 1:
Average throughput: 61.00 Mbit/s
95th percentile per-packet one-way delay: 77.324 ms
Loss rate: 1.07%
-- Flow 2:
Average throughput: 33.68 Mbit/s
95th percentile per-packet one-way delay: 46.639 ms
Loss rate: 1.93%
-- Flow 3:
Average throughput: 25.49 Mbit/s
95th percentile per-packet one-way delay: 84.249 ms
Loss rate: 3.26%

Run 5: Report of QUIC Cubic — Data Link

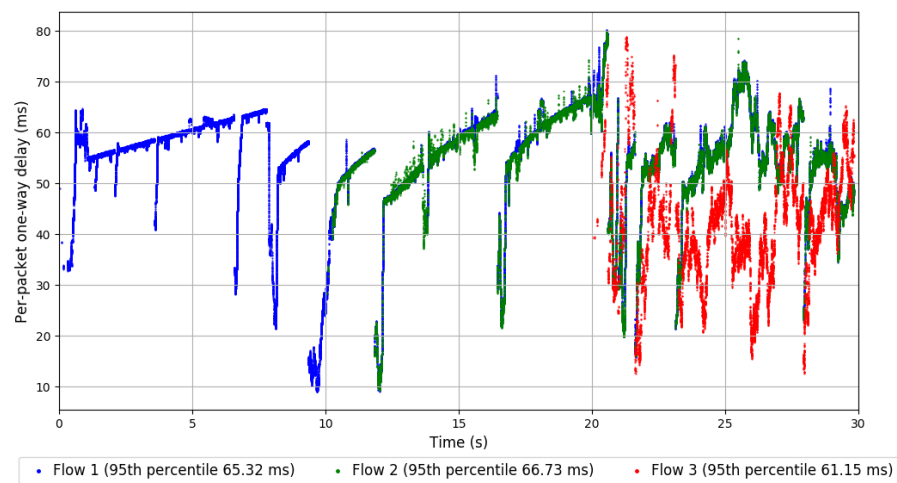
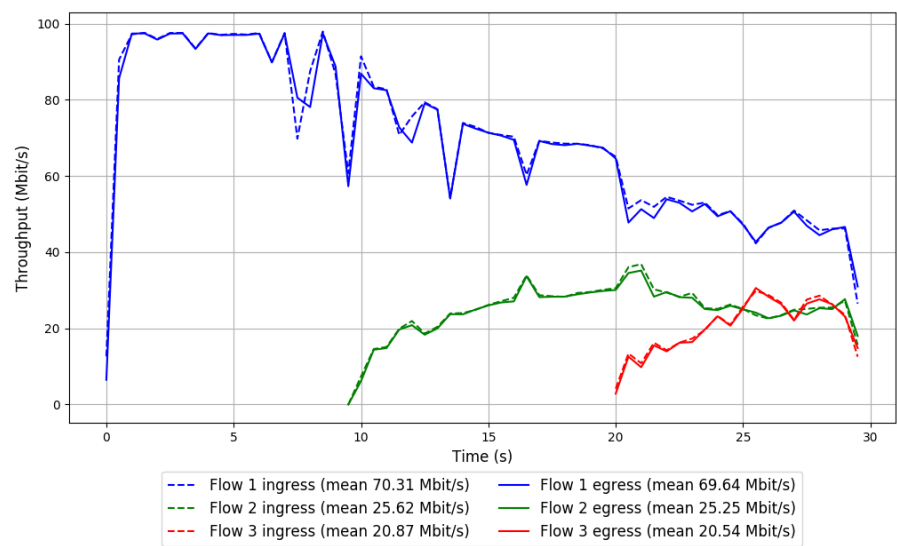


Run 6: Statistics of QUIC Cubic

Start at: 2017-09-18 05:10:01
End at: 2017-09-18 05:10:31
Local clock offset: -0.365 ms
Remote clock offset: -4.141 ms

Below is generated by plot.py at 2017-09-18 07:27:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.21 Mbit/s
95th percentile per-packet one-way delay: 65.763 ms
Loss rate: 1.07%
-- Flow 1:
Average throughput: 69.64 Mbit/s
95th percentile per-packet one-way delay: 65.323 ms
Loss rate: 0.96%
-- Flow 2:
Average throughput: 25.25 Mbit/s
95th percentile per-packet one-way delay: 66.733 ms
Loss rate: 1.35%
-- Flow 3:
Average throughput: 20.54 Mbit/s
95th percentile per-packet one-way delay: 61.151 ms
Loss rate: 1.50%

Run 6: Report of QUIC Cubic — Data Link

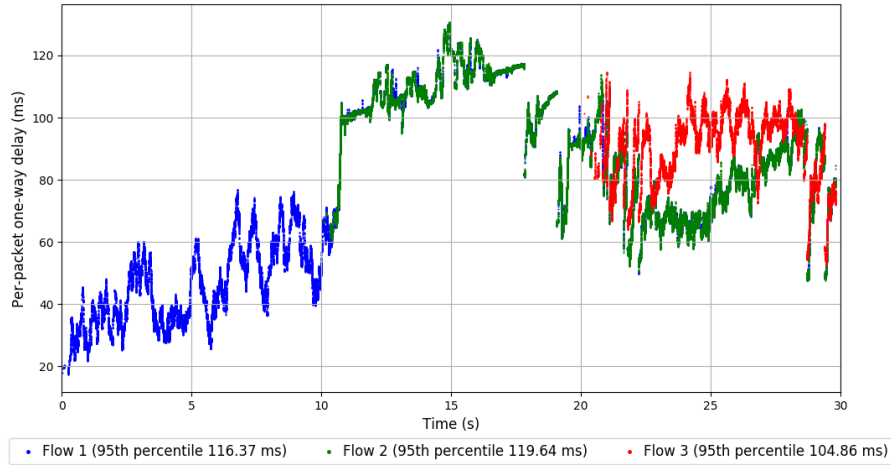
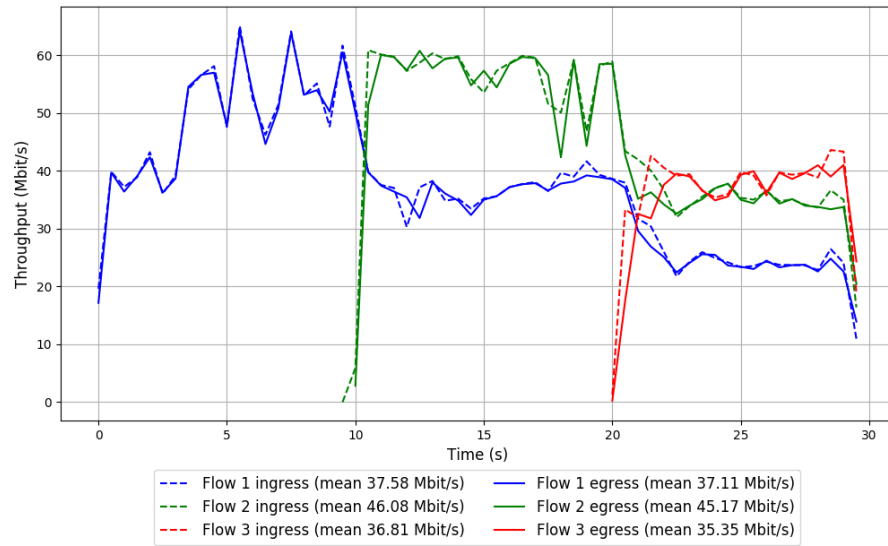


Run 7: Statistics of QUIC Cubic

Start at: 2017-09-18 05:30:43
End at: 2017-09-18 05:31:13
Local clock offset: -7.513 ms
Remote clock offset: -6.797 ms

Below is generated by plot.py at 2017-09-18 07:27:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.62 Mbit/s
95th percentile per-packet one-way delay: 116.786 ms
Loss rate: 1.85%
-- Flow 1:
Average throughput: 37.11 Mbit/s
95th percentile per-packet one-way delay: 116.367 ms
Loss rate: 1.06%
-- Flow 2:
Average throughput: 45.17 Mbit/s
95th percentile per-packet one-way delay: 119.642 ms
Loss rate: 1.89%
-- Flow 3:
Average throughput: 35.35 Mbit/s
95th percentile per-packet one-way delay: 104.856 ms
Loss rate: 4.22%

Run 7: Report of QUIC Cubic — Data Link

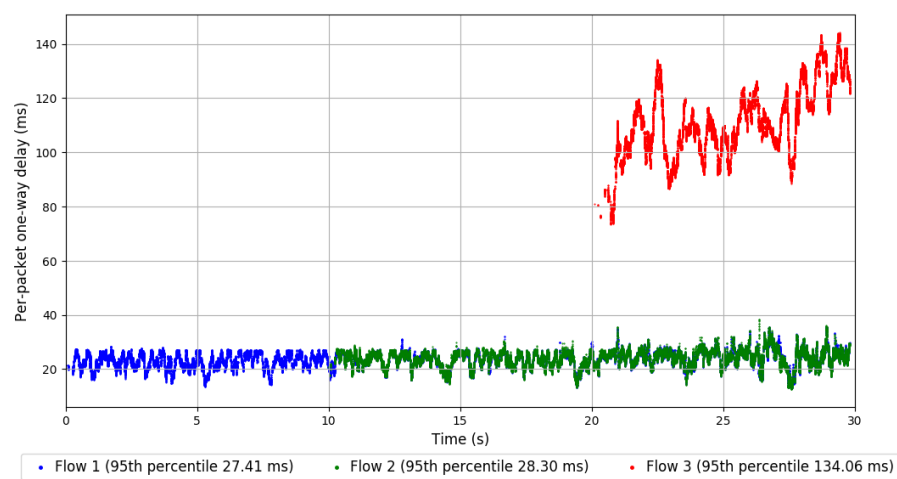
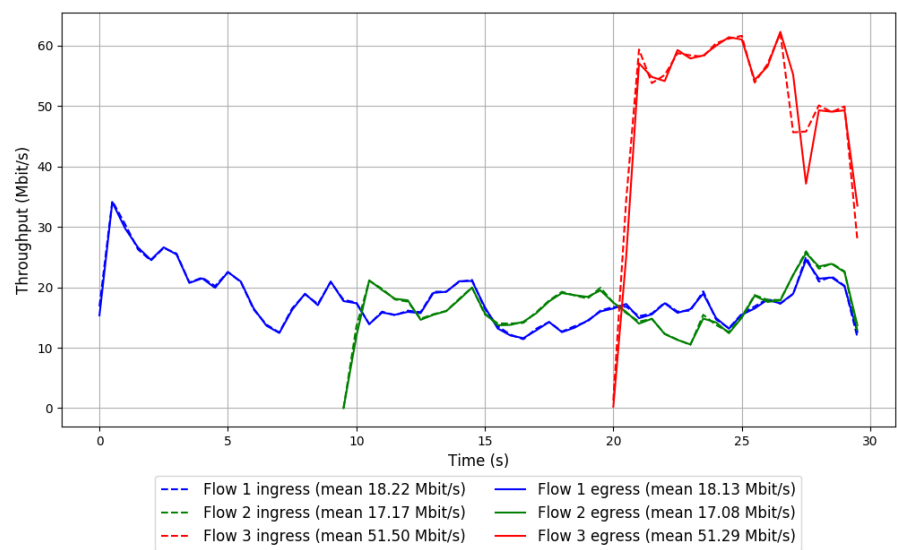


Run 8: Statistics of QUIC Cubic

Start at: 2017-09-18 05:50:34
End at: 2017-09-18 05:51:04
Local clock offset: -1.54 ms
Remote clock offset: -4.152 ms

Below is generated by plot.py at 2017-09-18 07:27:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 46.17 Mbit/s
95th percentile per-packet one-way delay: 127.024 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 18.13 Mbit/s
95th percentile per-packet one-way delay: 27.410 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 17.08 Mbit/s
95th percentile per-packet one-way delay: 28.300 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 51.29 Mbit/s
95th percentile per-packet one-way delay: 134.057 ms
Loss rate: 0.77%

Run 8: Report of QUIC Cubic — Data Link

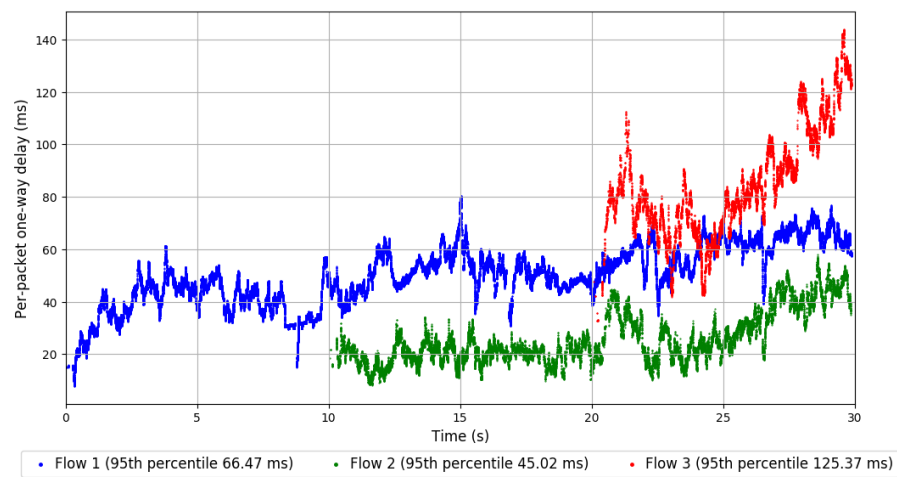
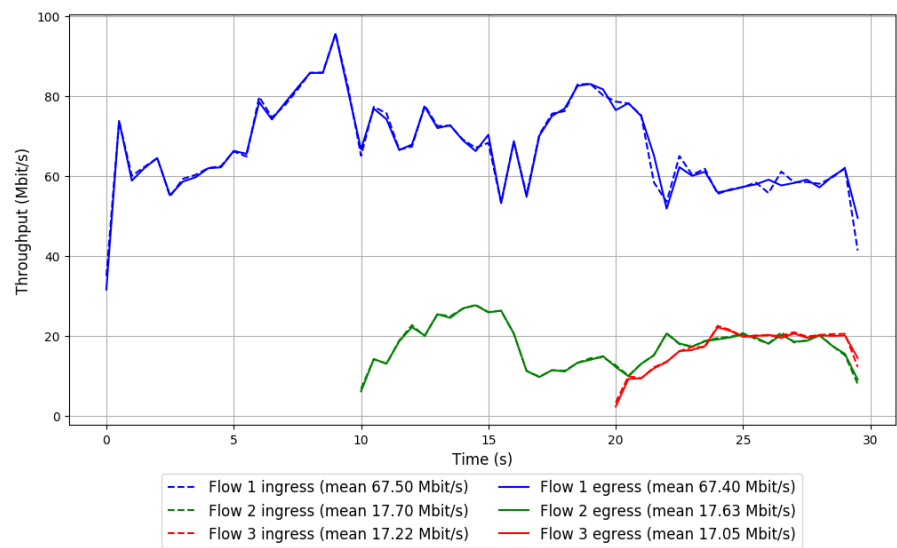


Run 9: Statistics of QUIC Cubic

Start at: 2017-09-18 06:10:02
End at: 2017-09-18 06:10:32
Local clock offset: 2.483 ms
Remote clock offset: -5.178 ms

Below is generated by plot.py at 2017-09-18 07:28:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.70 Mbit/s
95th percentile per-packet one-way delay: 72.784 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 67.40 Mbit/s
95th percentile per-packet one-way delay: 66.471 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 17.63 Mbit/s
95th percentile per-packet one-way delay: 45.016 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 17.05 Mbit/s
95th percentile per-packet one-way delay: 125.371 ms
Loss rate: 0.89%

Run 9: Report of QUIC Cubic — Data Link

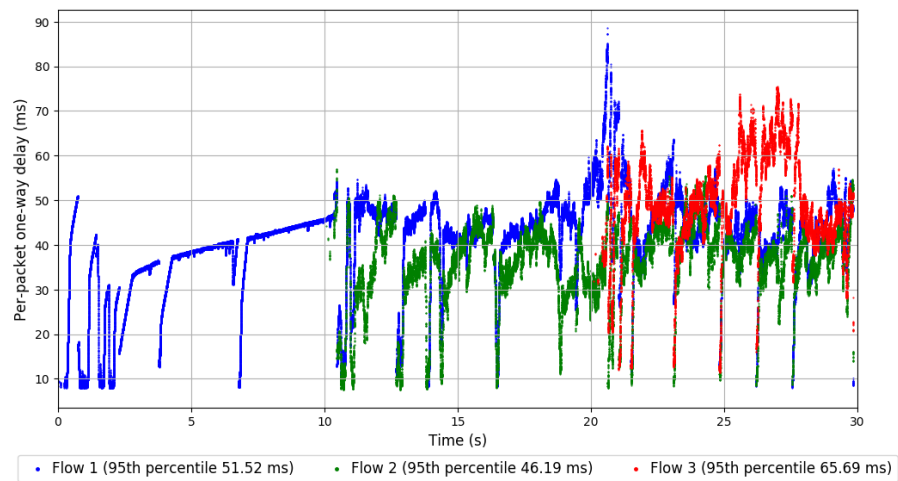
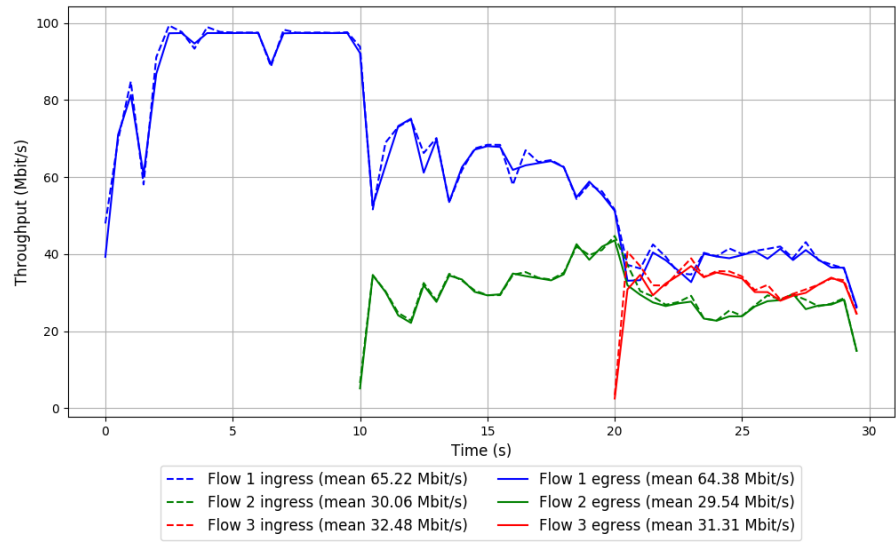


Run 10: Statistics of QUIC Cubic

Start at: 2017-09-18 06:28:54
End at: 2017-09-18 06:29:24
Local clock offset: 3.383 ms
Remote clock offset: -4.191 ms

Below is generated by plot.py at 2017-09-18 07:28:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.17 Mbit/s
95th percentile per-packet one-way delay: 53.773 ms
Loss rate: 1.69%
-- Flow 1:
Average throughput: 64.38 Mbit/s
95th percentile per-packet one-way delay: 51.515 ms
Loss rate: 1.28%
-- Flow 2:
Average throughput: 29.54 Mbit/s
95th percentile per-packet one-way delay: 46.190 ms
Loss rate: 1.90%
-- Flow 3:
Average throughput: 31.31 Mbit/s
95th percentile per-packet one-way delay: 65.692 ms
Loss rate: 3.80%

Run 10: Report of QUIC Cubic — Data Link

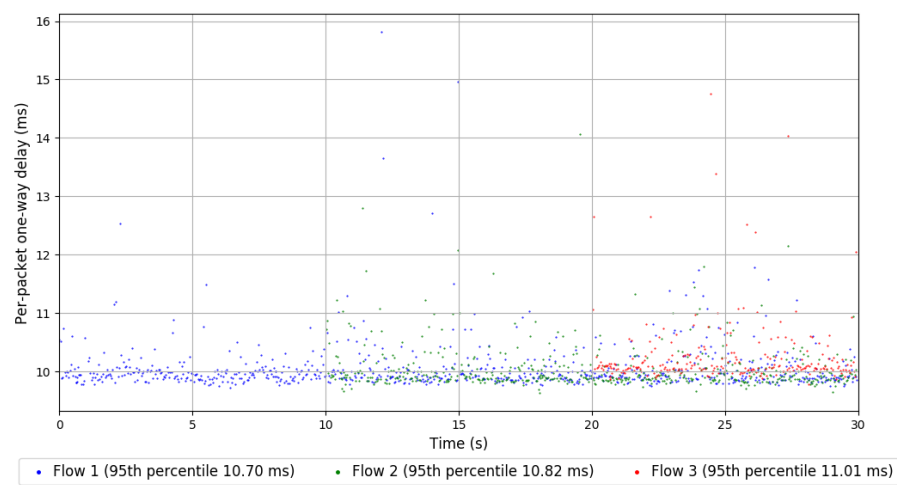
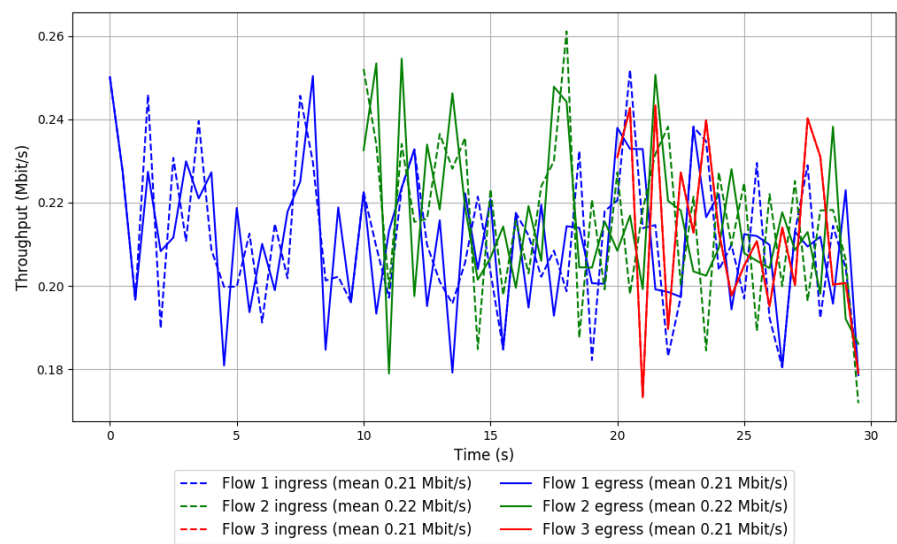


Run 1: Statistics of SCReAM

Start at: 2017-09-18 03:35:41
End at: 2017-09-18 03:36:11
Local clock offset: -1.288 ms
Remote clock offset: -5.245 ms

Below is generated by plot.py at 2017-09-18 07:28:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 10.761 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 10.700 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 10.820 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 11.009 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

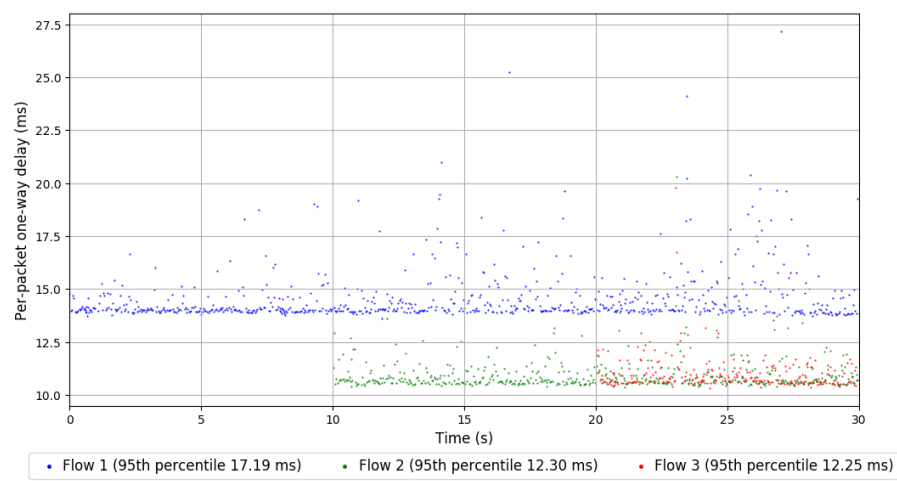
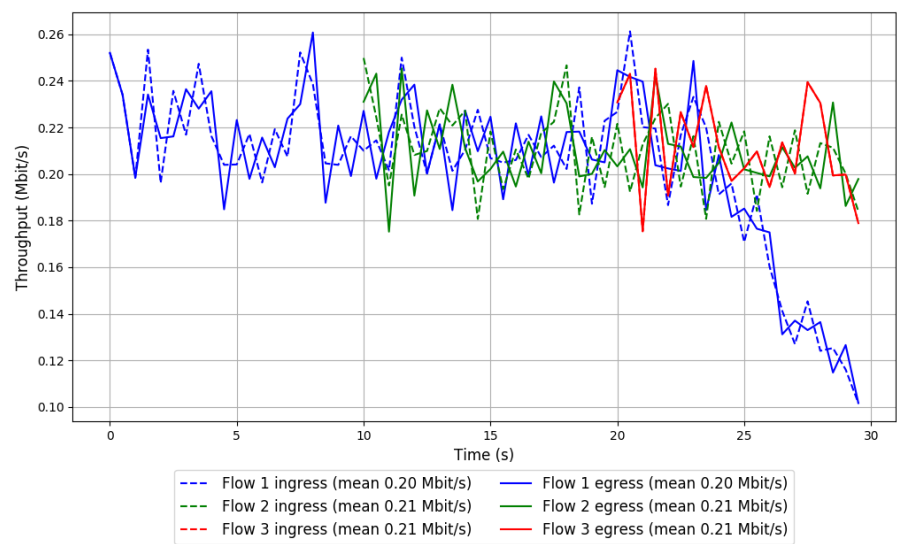


Run 2: Statistics of SReAM

Start at: 2017-09-18 03:55:53
End at: 2017-09-18 03:56:23
Local clock offset: -3.111 ms
Remote clock offset: -4.473 ms

Below is generated by plot.py at 2017-09-18 07:28:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 15.782 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 17.192 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 12.297 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 12.250 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

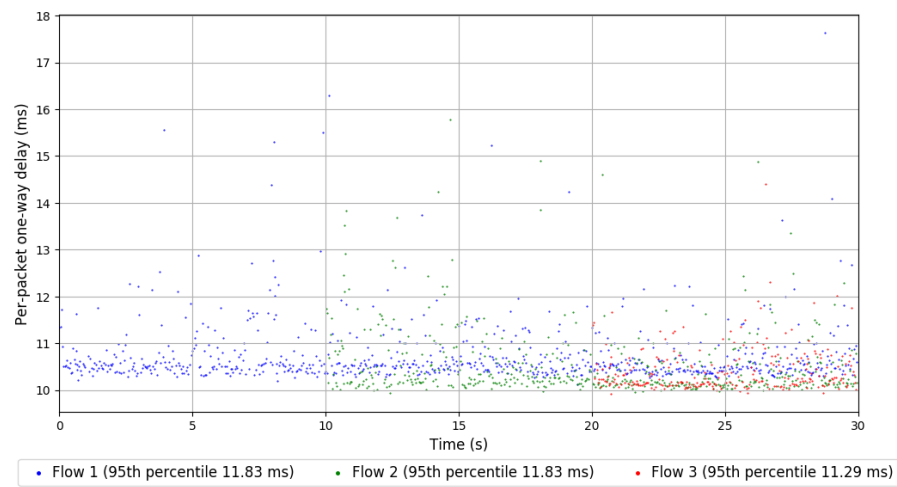
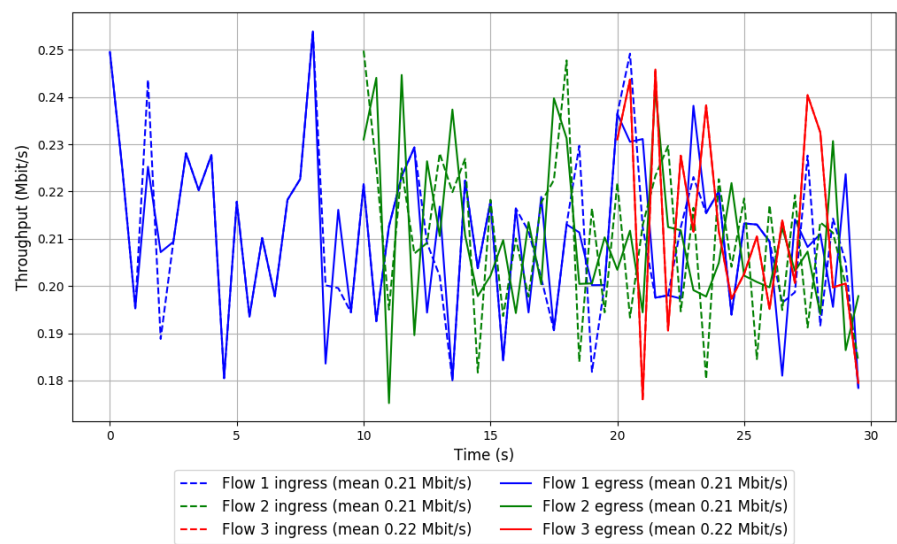


Run 3: Statistics of SReAM

Start at: 2017-09-18 04:14:39
End at: 2017-09-18 04:15:09
Local clock offset: -3.018 ms
Remote clock offset: -4.533 ms

Below is generated by plot.py at 2017-09-18 07:28:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 11.792 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 11.828 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 11.831 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 11.291 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SReAM

Start at: 2017-09-18 04:34:08

End at: 2017-09-18 04:34:38

Local clock offset: -1.527 ms

Remote clock offset: -4.38 ms

Below is generated by plot.py at 2017-09-18 07:28:44

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.42 Mbit/s

95th percentile per-packet one-way delay: 14.118 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 14.617 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 13.709 ms

Loss rate: 0.00%

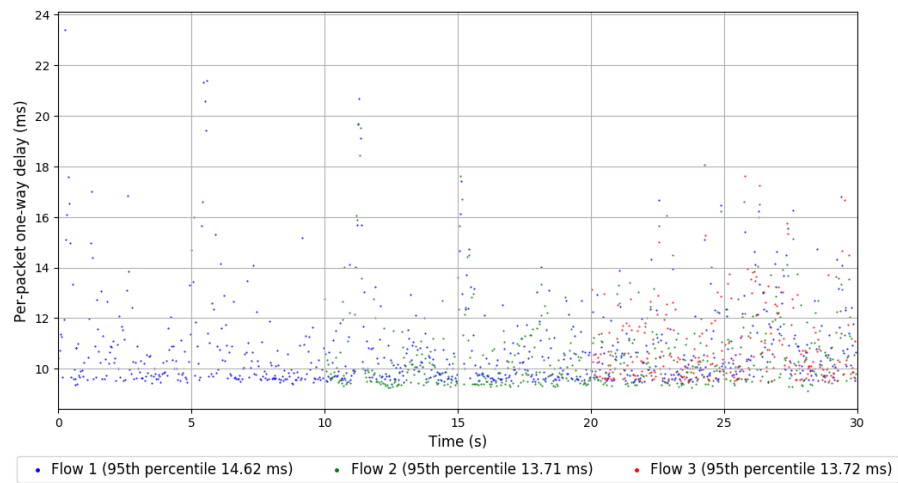
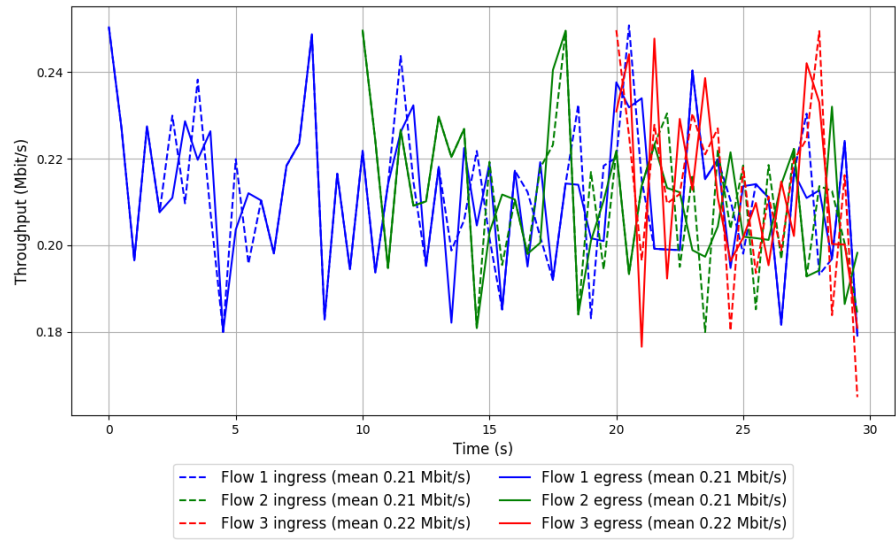
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 13.721 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

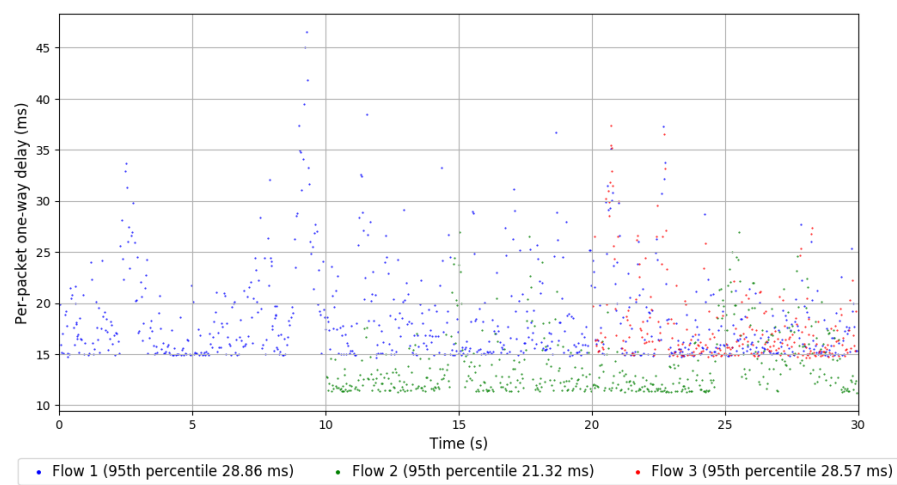
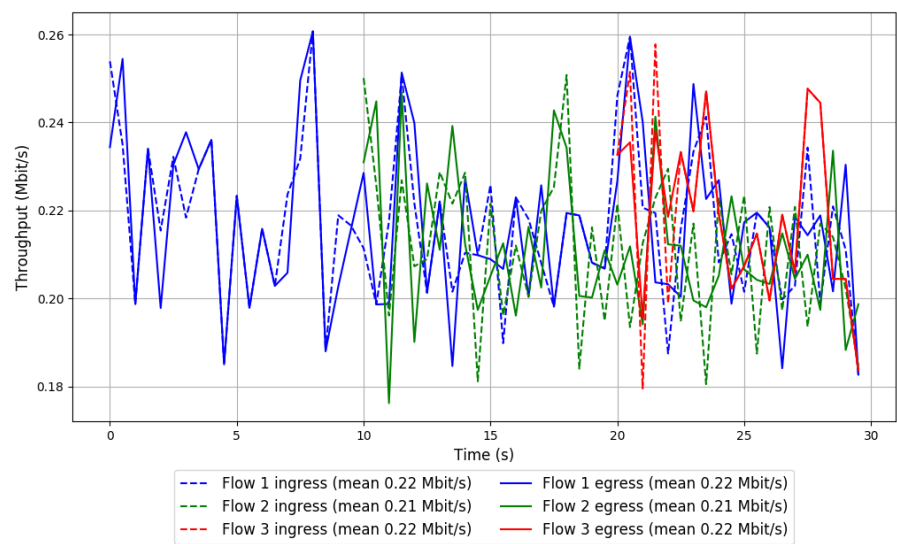


Run 5: Statistics of SReAM

Start at: 2017-09-18 04:53:35
End at: 2017-09-18 04:54:05
Local clock offset: -2.883 ms
Remote clock offset: -3.883 ms

Below is generated by plot.py at 2017-09-18 07:28:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 26.658 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.864 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 21.321 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.567 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

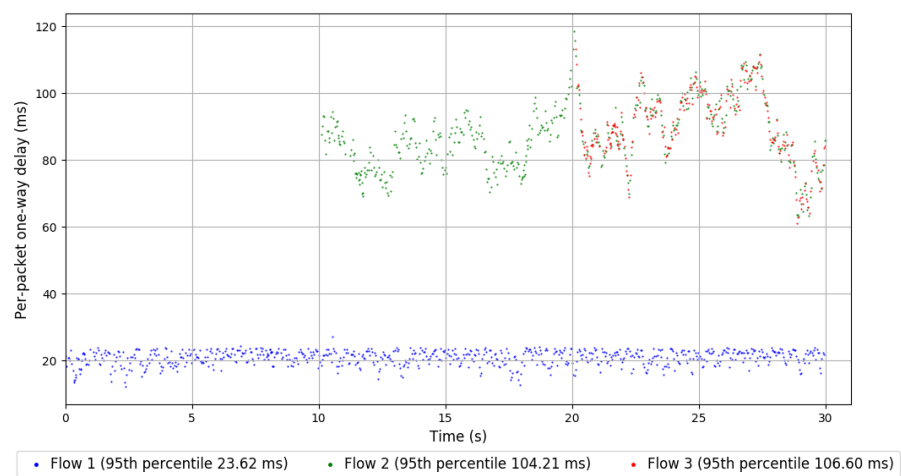
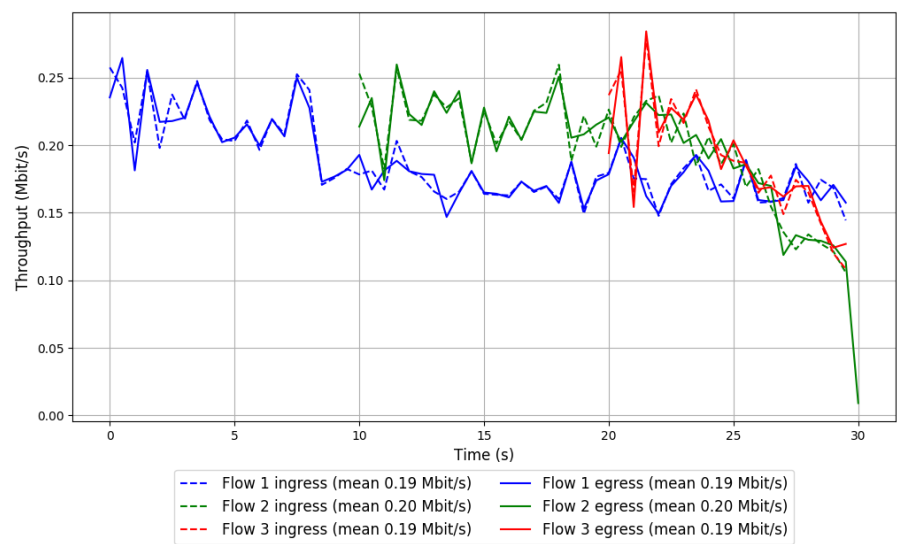


Run 6: Statistics of SCReAM

Start at: 2017-09-18 05:13:15
End at: 2017-09-18 05:13:45
Local clock offset: 0.208 ms
Remote clock offset: -4.379 ms

Below is generated by plot.py at 2017-09-18 07:28:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 101.966 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 23.616 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 104.212 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 106.598 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

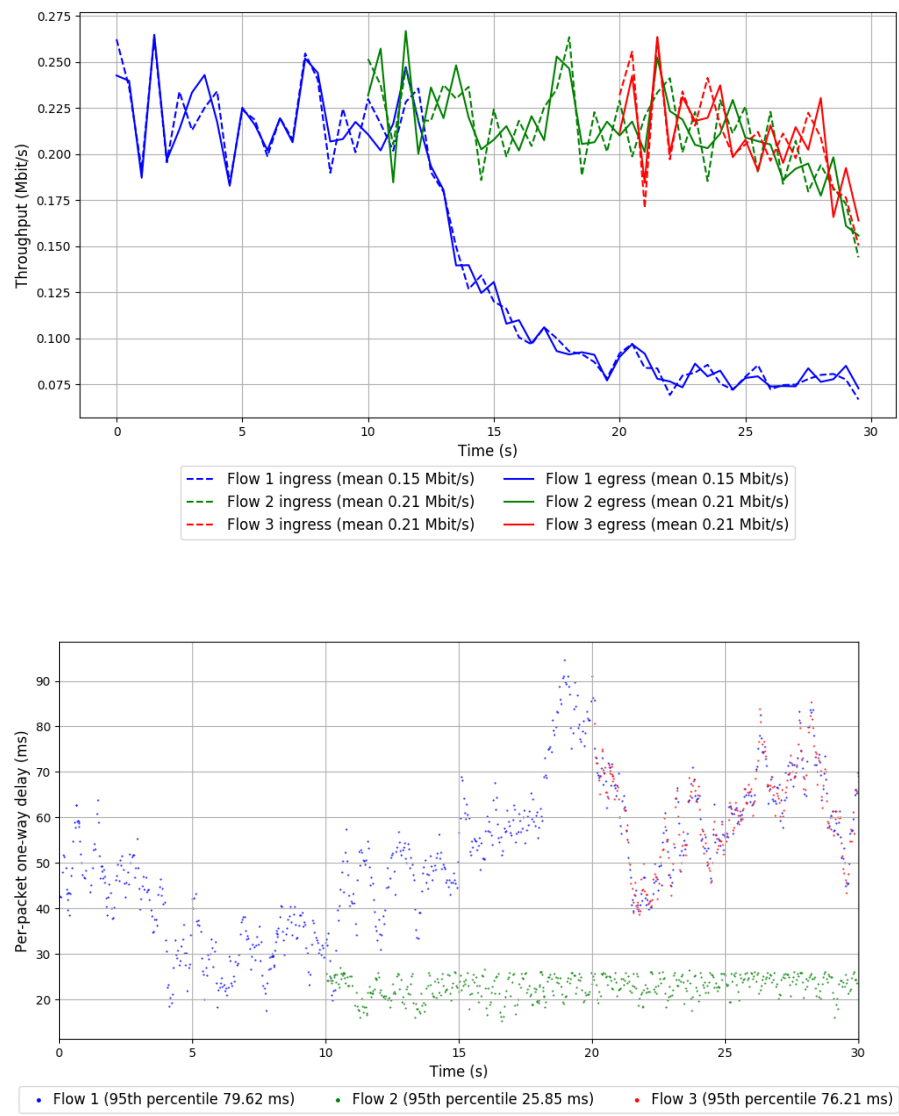


Run 7: Statistics of SReAM

Start at: 2017-09-18 05:33:25
End at: 2017-09-18 05:33:55
Local clock offset: -0.663 ms
Remote clock offset: -3.454 ms

Below is generated by plot.py at 2017-09-18 07:28:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 74.537 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 79.618 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 25.851 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 76.207 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

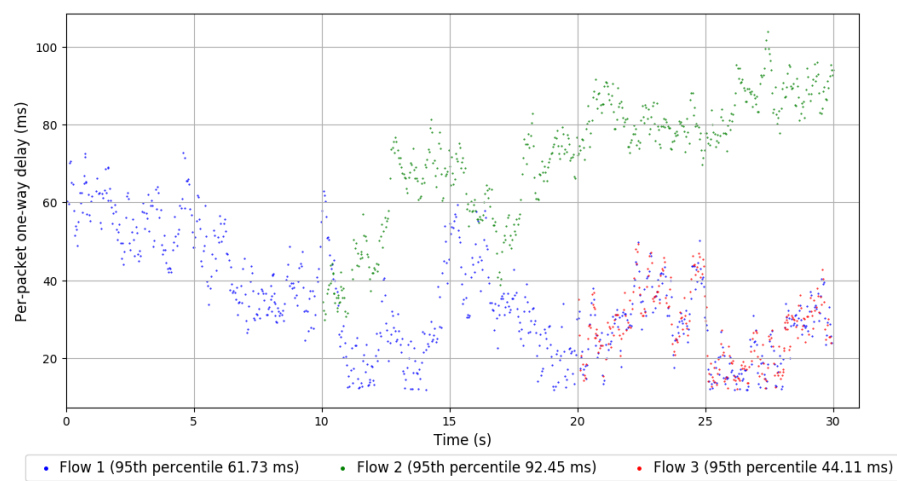
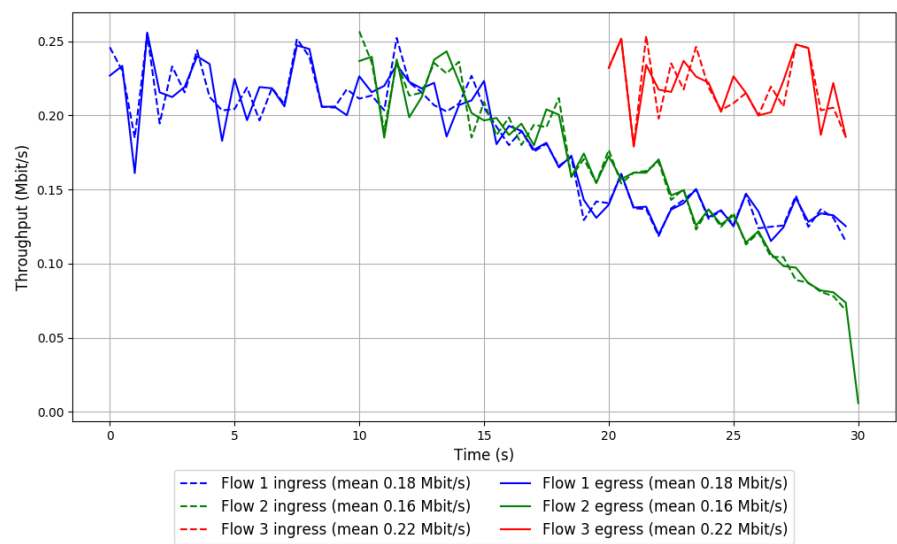


Run 8: Statistics of SCReAM

Start at: 2017-09-18 05:53:24
End at: 2017-09-18 05:53:54
Local clock offset: 2.305 ms
Remote clock offset: -3.275 ms

Below is generated by plot.py at 2017-09-18 07:28:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 87.596 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 61.730 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 92.452 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 44.106 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

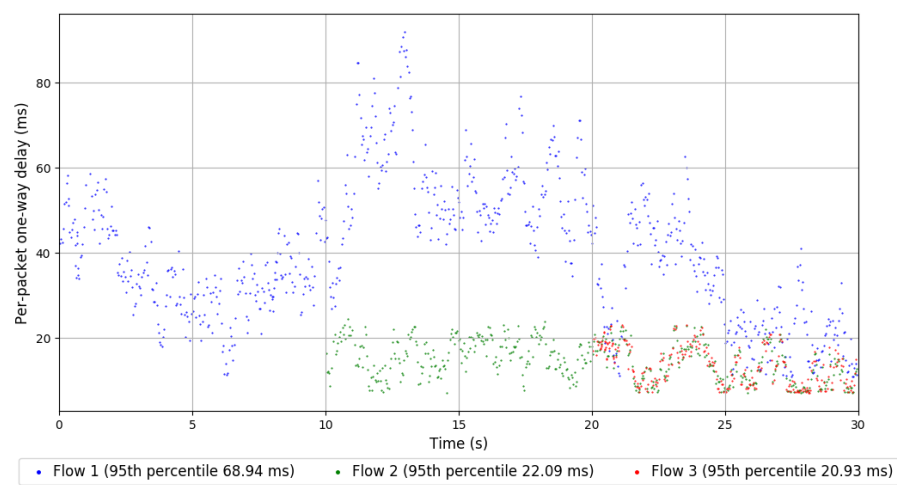
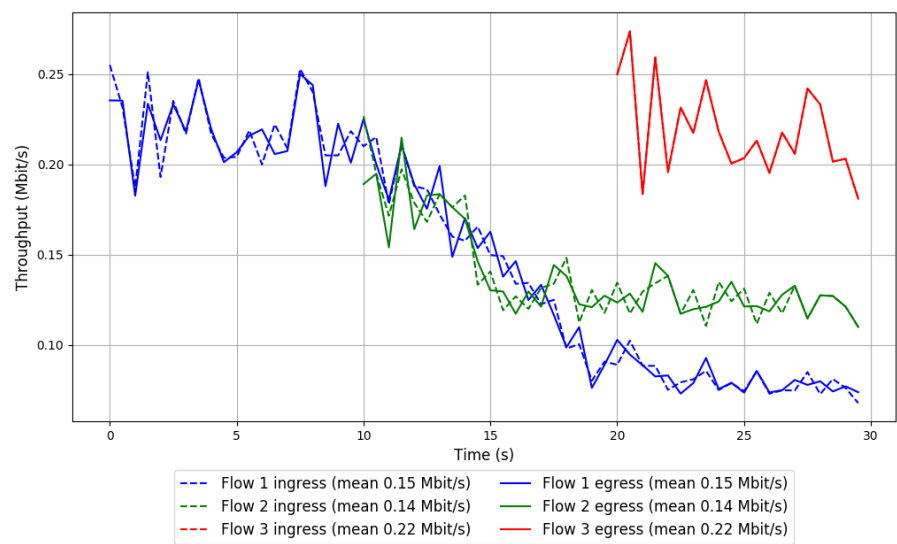


Run 9: Statistics of SCReAM

Start at: 2017-09-18 06:12:43
End at: 2017-09-18 06:13:13
Local clock offset: 2.696 ms
Remote clock offset: -4.624 ms

Below is generated by plot.py at 2017-09-18 07:28:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 61.449 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 68.937 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 22.087 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 20.925 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

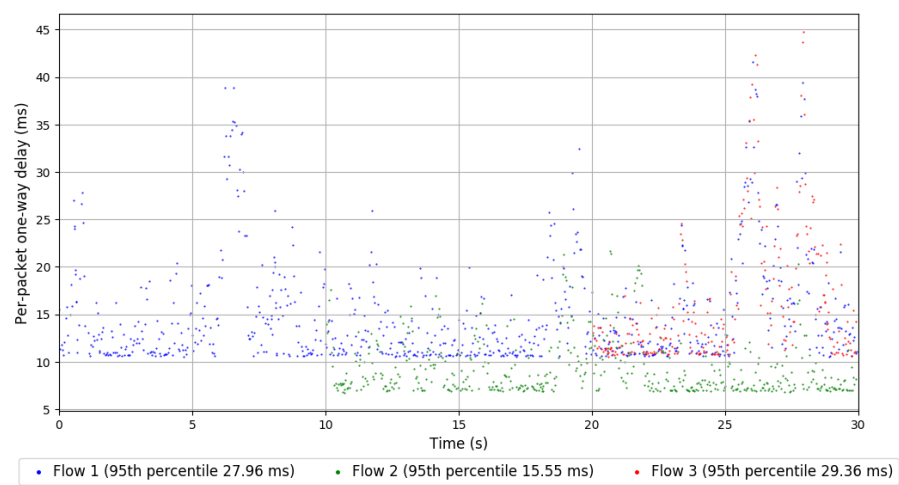
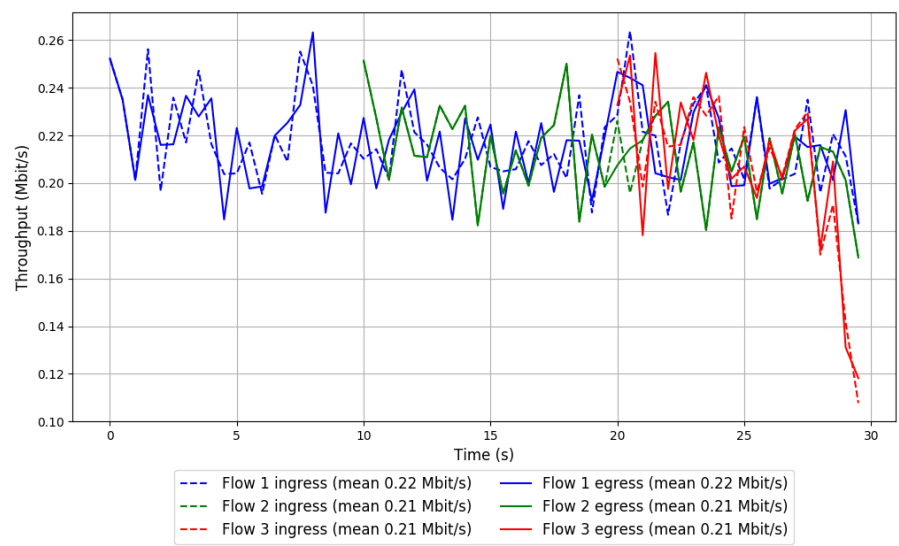


Run 10: Statistics of SReAM

Start at: 2017-09-18 06:31:36
End at: 2017-09-18 06:32:06
Local clock offset: 3.608 ms
Remote clock offset: -4.766 ms

Below is generated by plot.py at 2017-09-18 07:28:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 25.939 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 27.962 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 15.550 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 29.358 ms
Loss rate: 0.00%

Run 10: Report of SCReAM — Data Link

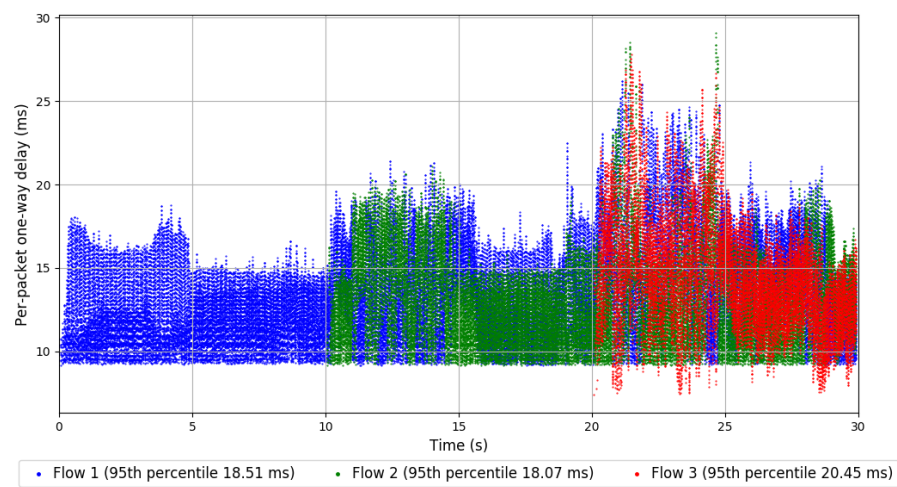
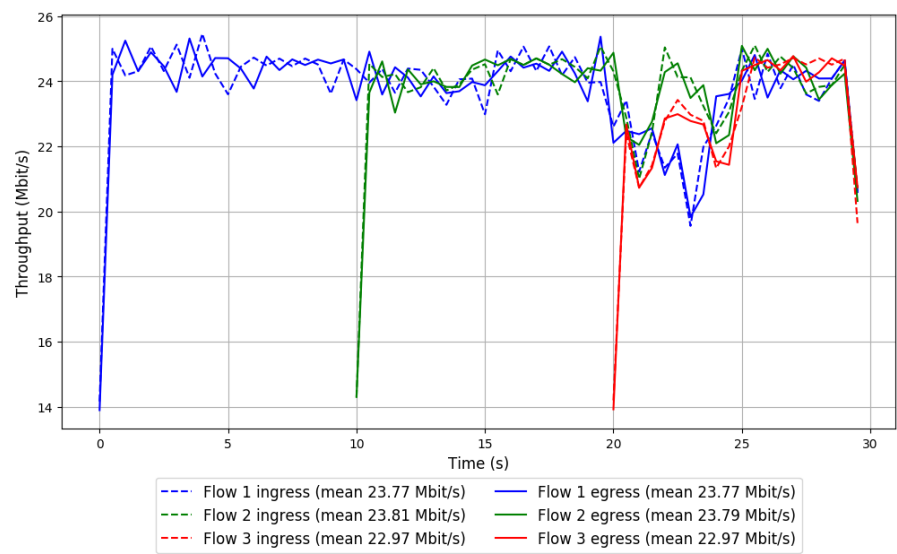


Run 1: Statistics of Sprout

Start at: 2017-09-18 03:43:28
End at: 2017-09-18 03:43:58
Local clock offset: 0.263 ms
Remote clock offset: -4.193 ms

Below is generated by plot.py at 2017-09-18 07:28:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 47.18 Mbit/s
95th percentile per-packet one-way delay: 18.701 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 23.77 Mbit/s
95th percentile per-packet one-way delay: 18.507 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 23.79 Mbit/s
95th percentile per-packet one-way delay: 18.065 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 22.97 Mbit/s
95th percentile per-packet one-way delay: 20.454 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

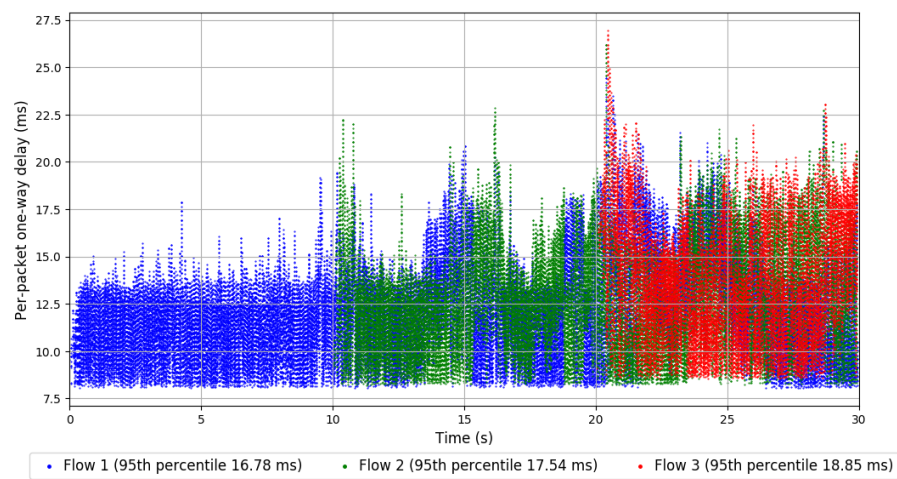
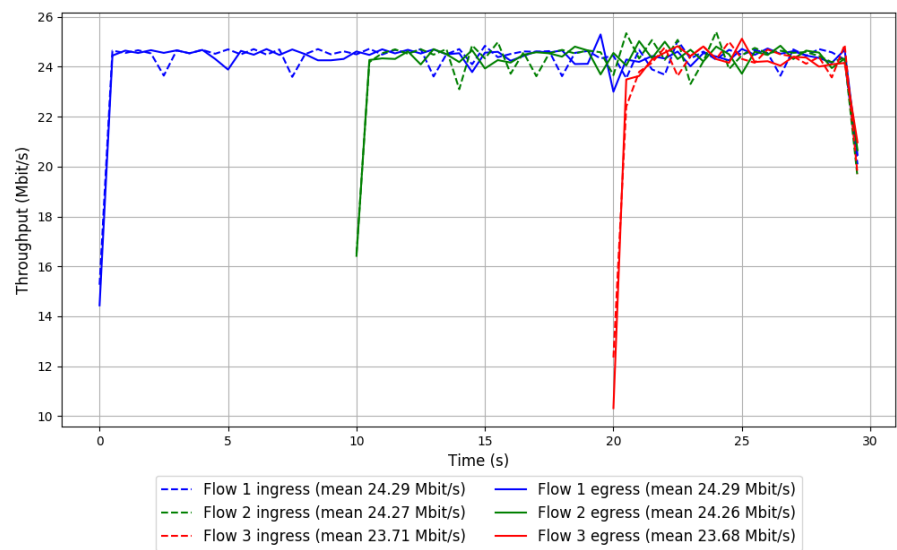


Run 2: Statistics of Sprout

Start at: 2017-09-18 04:03:12
End at: 2017-09-18 04:03:42
Local clock offset: -0.735 ms
Remote clock offset: -4.029 ms

Below is generated by plot.py at 2017-09-18 07:28:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.25 Mbit/s
95th percentile per-packet one-way delay: 17.585 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.29 Mbit/s
95th percentile per-packet one-way delay: 16.781 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.26 Mbit/s
95th percentile per-packet one-way delay: 17.535 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 23.68 Mbit/s
95th percentile per-packet one-way delay: 18.850 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

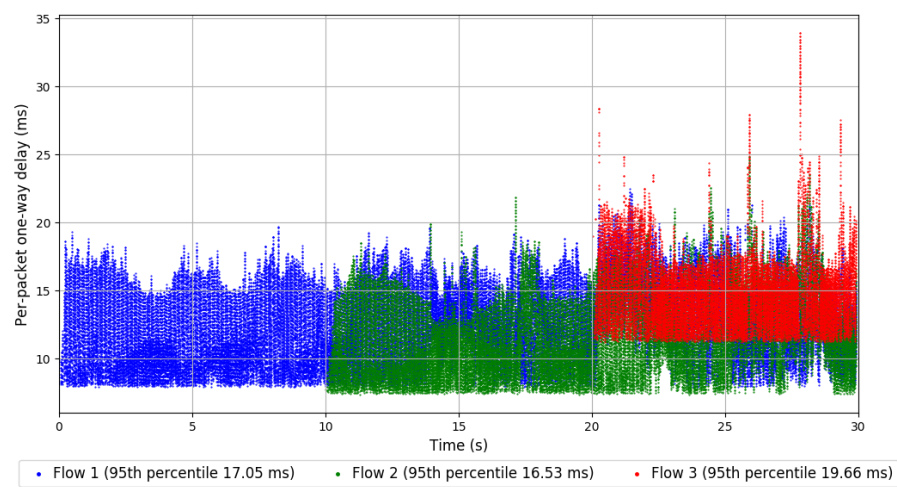
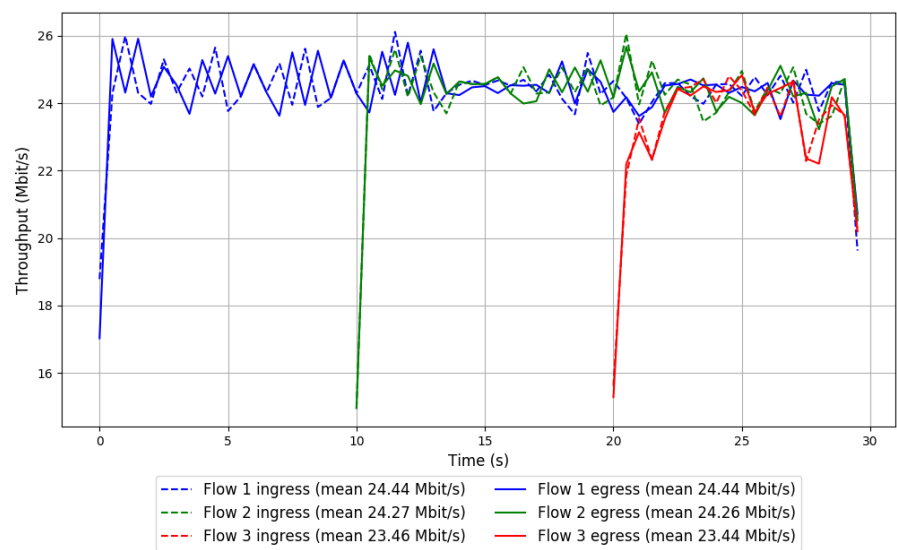


Run 3: Statistics of Sprout

Start at: 2017-09-18 04:21:56
End at: 2017-09-18 04:22:26
Local clock offset: -0.031 ms
Remote clock offset: -4.231 ms

```
# Below is generated by plot.py at 2017-09-18 07:28:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.31 Mbit/s
95th percentile per-packet one-way delay: 17.385 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 24.44 Mbit/s
95th percentile per-packet one-way delay: 17.055 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.26 Mbit/s
95th percentile per-packet one-way delay: 16.534 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 23.44 Mbit/s
95th percentile per-packet one-way delay: 19.655 ms
Loss rate: 0.24%
```

Run 3: Report of Sprout — Data Link

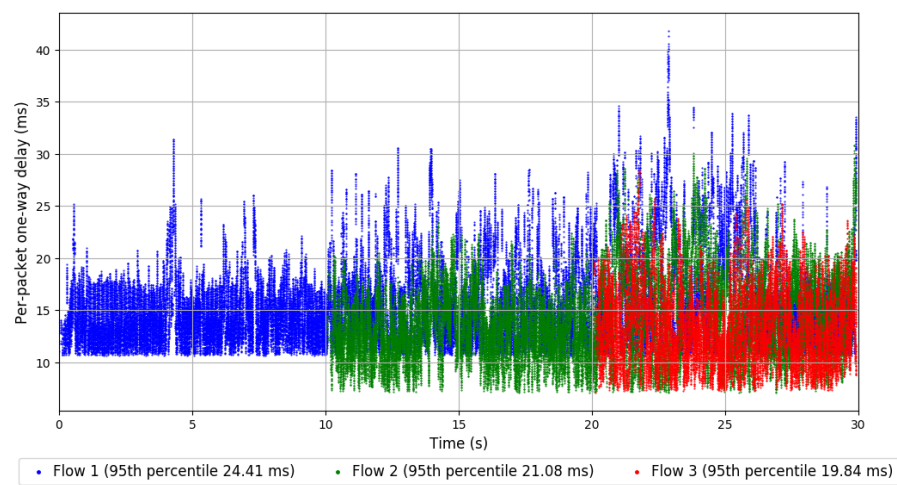
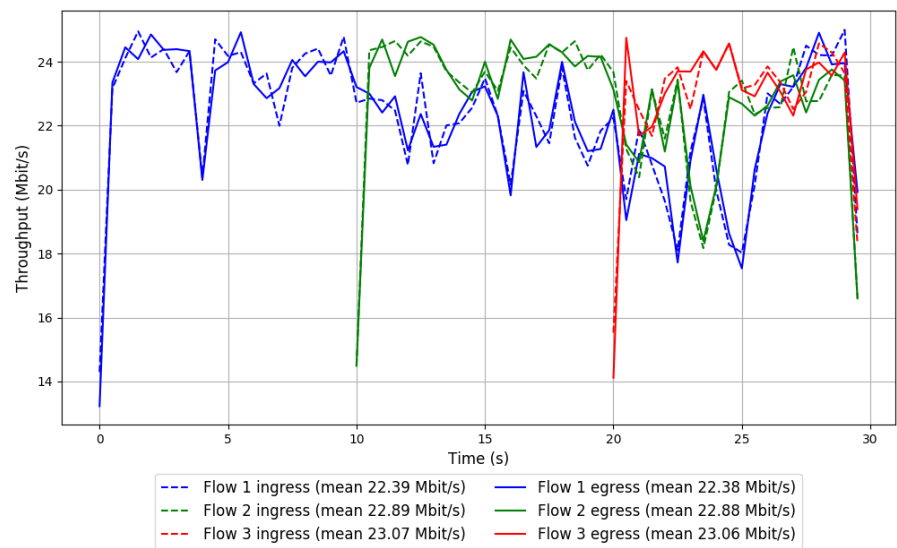


Run 4: Statistics of Sprout

Start at: 2017-09-18 04:41:32
End at: 2017-09-18 04:42:02
Local clock offset: 0.64 ms
Remote clock offset: -4.408 ms

```
# Below is generated by plot.py at 2017-09-18 07:28:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 45.21 Mbit/s
95th percentile per-packet one-way delay: 22.691 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 22.38 Mbit/s
95th percentile per-packet one-way delay: 24.405 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 22.88 Mbit/s
95th percentile per-packet one-way delay: 21.076 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 23.06 Mbit/s
95th percentile per-packet one-way delay: 19.841 ms
Loss rate: 0.00%
```


Run 4: Report of Sprout — Data Link

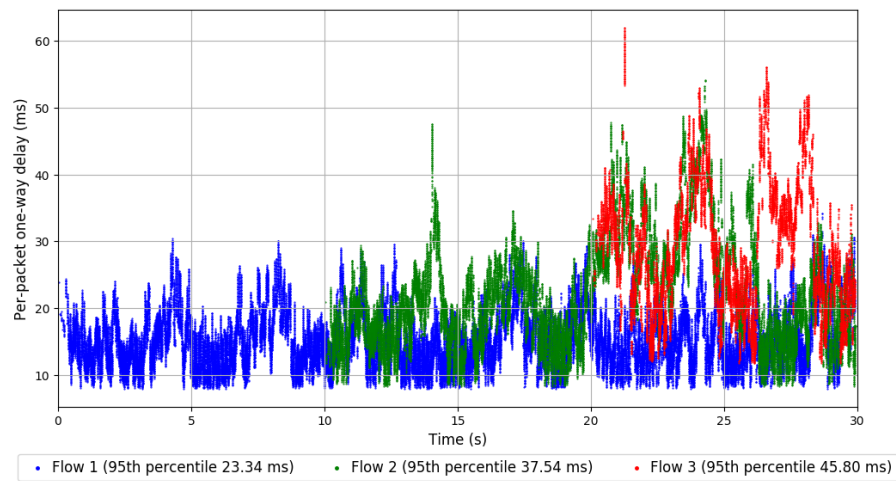
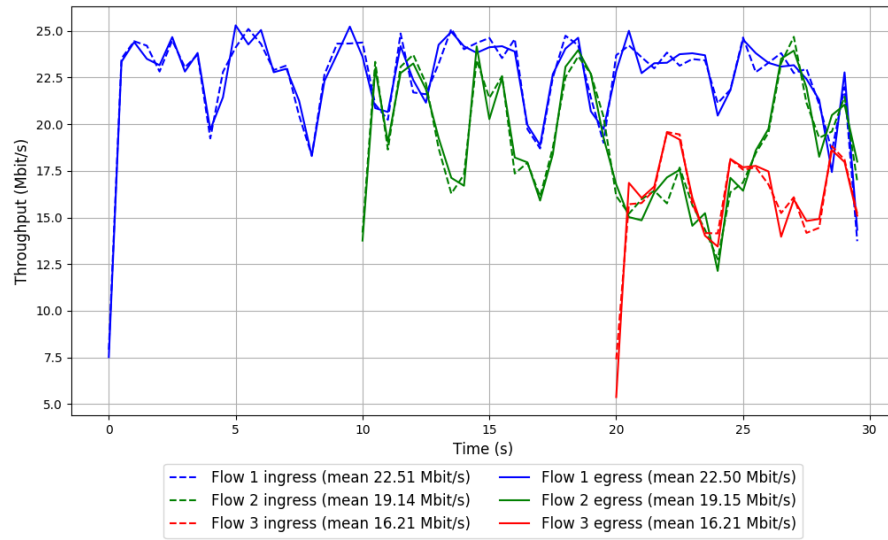


Run 5: Statistics of Sprout

Start at: 2017-09-18 05:01:13
End at: 2017-09-18 05:01:43
Local clock offset: 0.874 ms
Remote clock offset: -3.336 ms

Below is generated by plot.py at 2017-09-18 07:28:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 40.57 Mbit/s
95th percentile per-packet one-way delay: 35.632 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 22.50 Mbit/s
95th percentile per-packet one-way delay: 23.337 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 19.15 Mbit/s
95th percentile per-packet one-way delay: 37.544 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 16.21 Mbit/s
95th percentile per-packet one-way delay: 45.800 ms
Loss rate: 0.34%

Run 5: Report of Sprout — Data Link

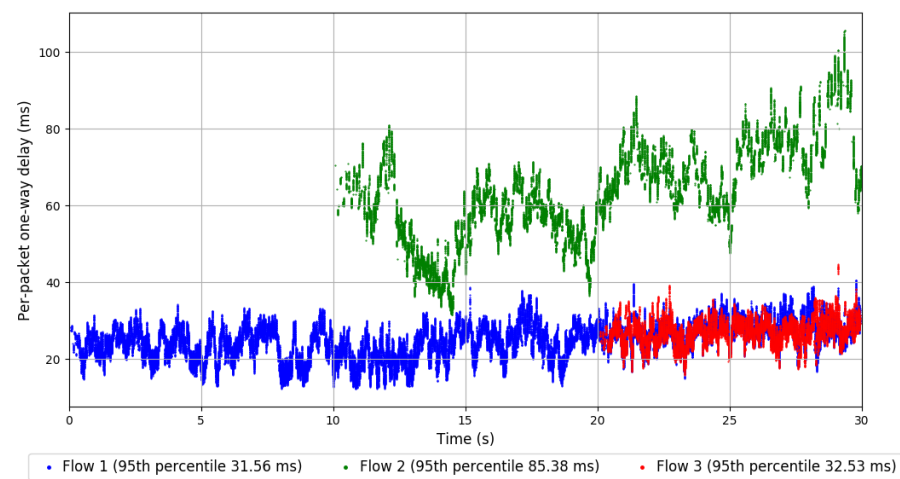
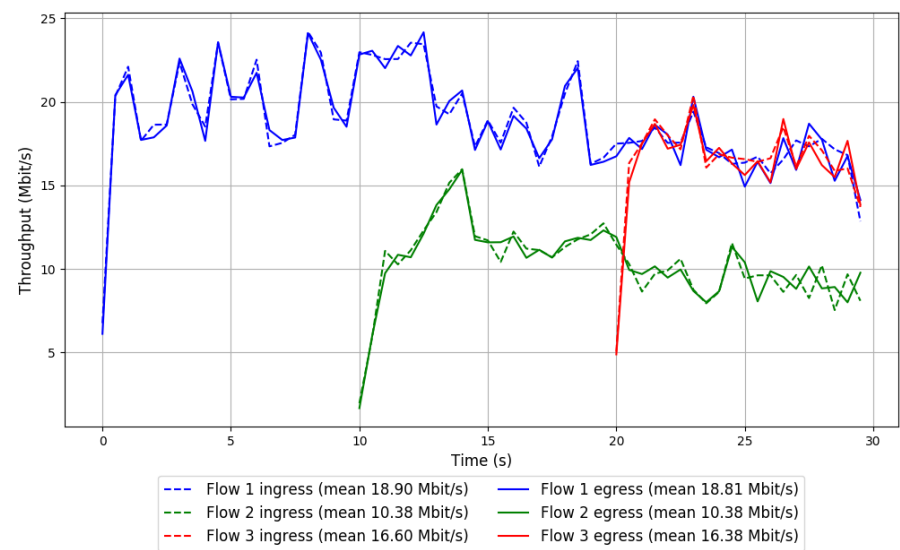


Run 6: Statistics of Sprout

Start at: 2017-09-18 05:21:10
End at: 2017-09-18 05:21:40
Local clock offset: -2.145 ms
Remote clock offset: -2.405 ms

Below is generated by plot.py at 2017-09-18 07:28:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 31.08 Mbit/s
95th percentile per-packet one-way delay: 72.540 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 18.81 Mbit/s
95th percentile per-packet one-way delay: 31.558 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 10.38 Mbit/s
95th percentile per-packet one-way delay: 85.375 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 16.38 Mbit/s
95th percentile per-packet one-way delay: 32.527 ms
Loss rate: 1.26%

Run 6: Report of Sprout — Data Link

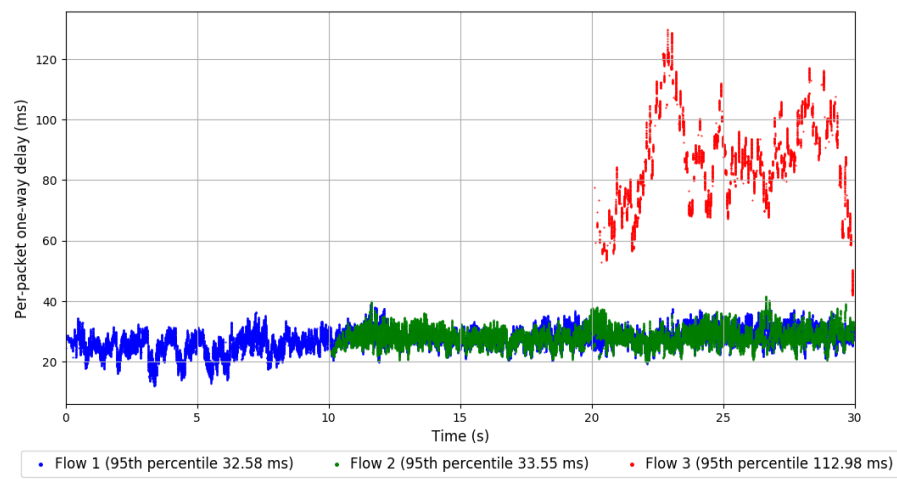
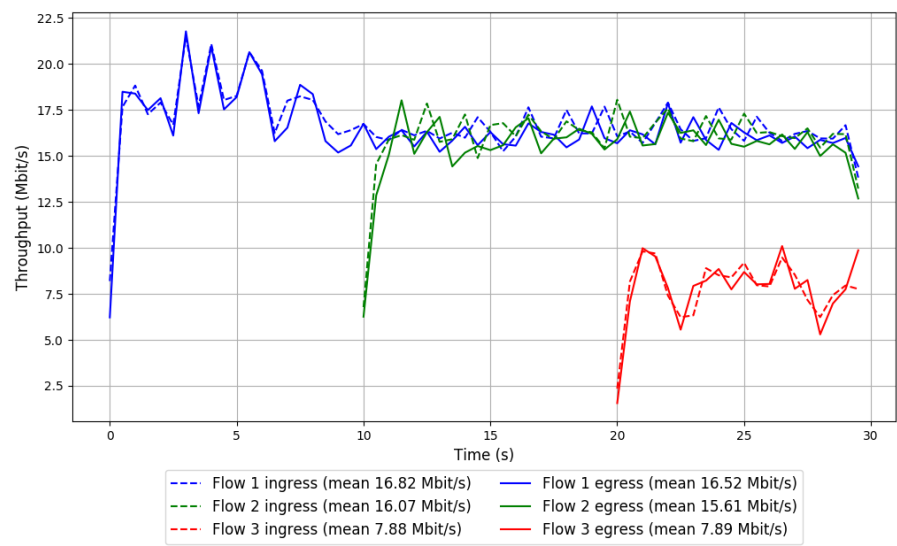


Run 7: Statistics of Sprout

Start at: 2017-09-18 05:41:04
End at: 2017-09-18 05:41:34
Local clock offset: -1.413 ms
Remote clock offset: -3.046 ms

Below is generated by plot.py at 2017-09-18 07:28:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 29.50 Mbit/s
95th percentile per-packet one-way delay: 83.358 ms
Loss rate: 2.02%
-- Flow 1:
Average throughput: 16.52 Mbit/s
95th percentile per-packet one-way delay: 32.583 ms
Loss rate: 1.79%
-- Flow 2:
Average throughput: 15.61 Mbit/s
95th percentile per-packet one-way delay: 33.546 ms
Loss rate: 2.82%
-- Flow 3:
Average throughput: 7.89 Mbit/s
95th percentile per-packet one-way delay: 112.979 ms
Loss rate: 0.24%

Run 7: Report of Sprout — Data Link

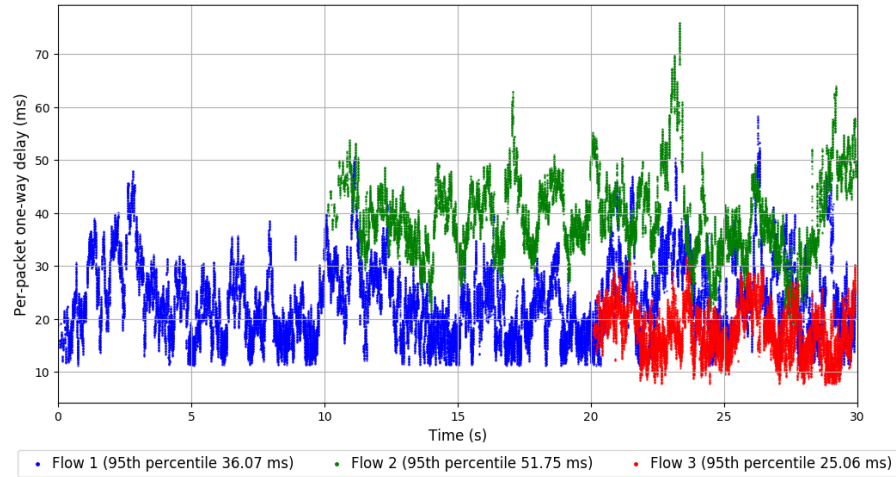
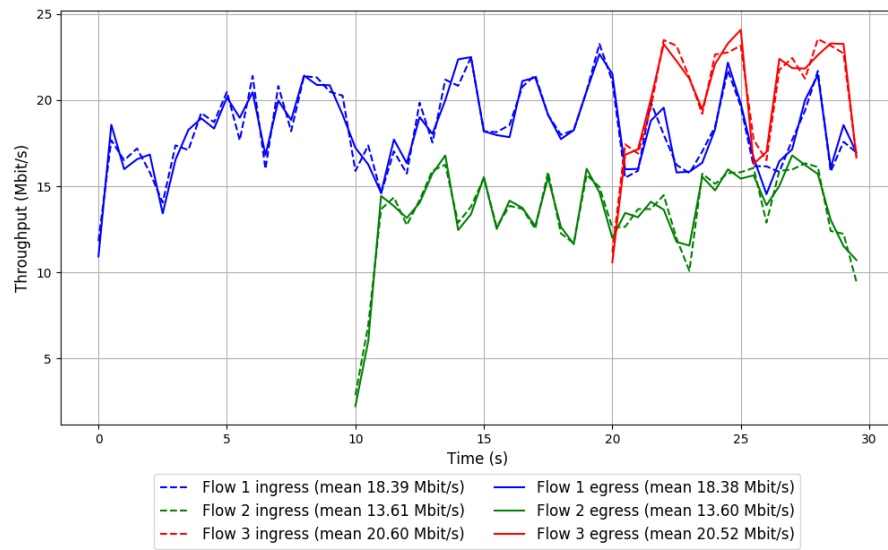


Run 8: Statistics of Sprout

Start at: 2017-09-18 06:00:31
End at: 2017-09-18 06:01:01
Local clock offset: 1.885 ms
Remote clock offset: -4.683 ms

Below is generated by plot.py at 2017-09-18 07:28:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 34.17 Mbit/s
95th percentile per-packet one-way delay: 45.497 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 18.38 Mbit/s
95th percentile per-packet one-way delay: 36.068 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 13.60 Mbit/s
95th percentile per-packet one-way delay: 51.754 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 20.52 Mbit/s
95th percentile per-packet one-way delay: 25.062 ms
Loss rate: 0.27%

Run 8: Report of Sprout — Data Link

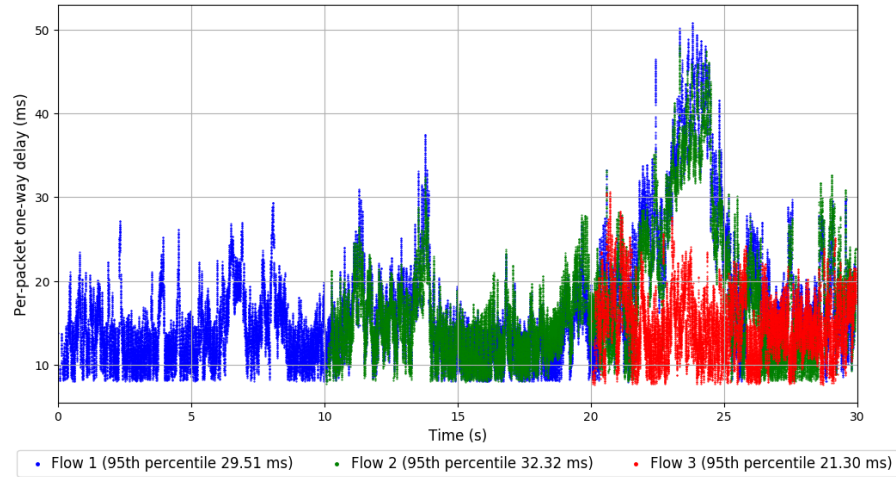
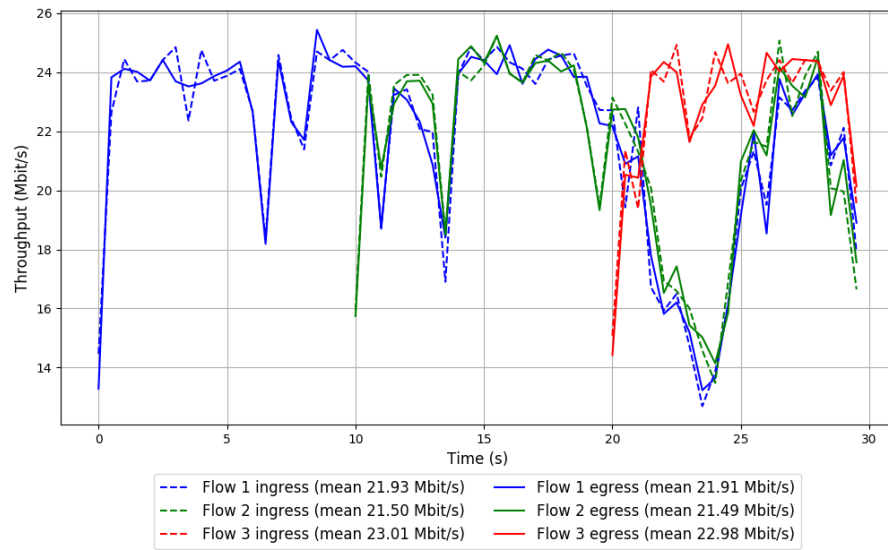


Run 9: Statistics of Sprout

Start at: 2017-09-18 06:20:01
End at: 2017-09-18 06:20:31
Local clock offset: 3.103 ms
Remote clock offset: -4.052 ms

Below is generated by plot.py at 2017-09-18 07:28:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 43.81 Mbit/s
95th percentile per-packet one-way delay: 28.896 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 21.91 Mbit/s
95th percentile per-packet one-way delay: 29.512 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 21.49 Mbit/s
95th percentile per-packet one-way delay: 32.316 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 22.98 Mbit/s
95th percentile per-packet one-way delay: 21.298 ms
Loss rate: 0.06%

Run 9: Report of Sprout — Data Link

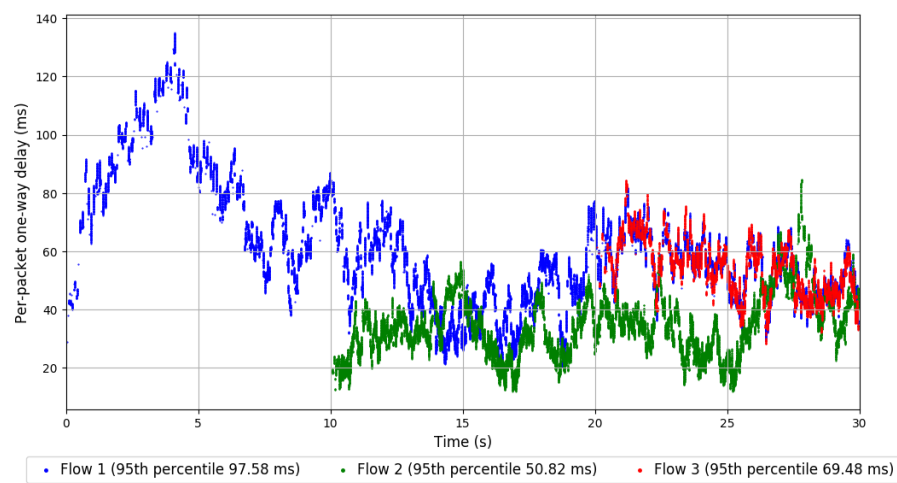
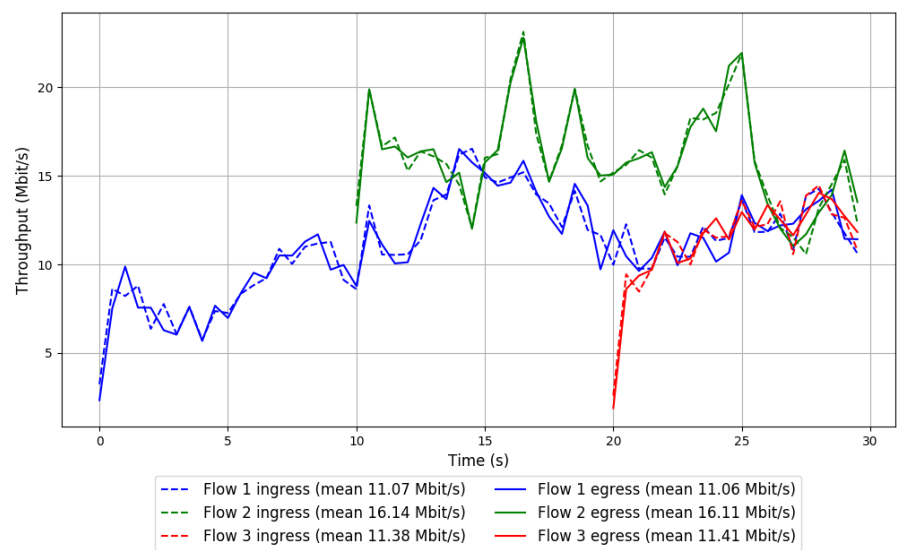


Run 10: Statistics of Sprout

Start at: 2017-09-18 06:38:45
End at: 2017-09-18 06:39:15
Local clock offset: 0.084 ms
Remote clock offset: -3.979 ms

Below is generated by plot.py at 2017-09-18 07:28:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 25.54 Mbit/s
95th percentile per-packet one-way delay: 81.453 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 11.06 Mbit/s
95th percentile per-packet one-way delay: 97.578 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 16.11 Mbit/s
95th percentile per-packet one-way delay: 50.816 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 11.41 Mbit/s
95th percentile per-packet one-way delay: 69.482 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

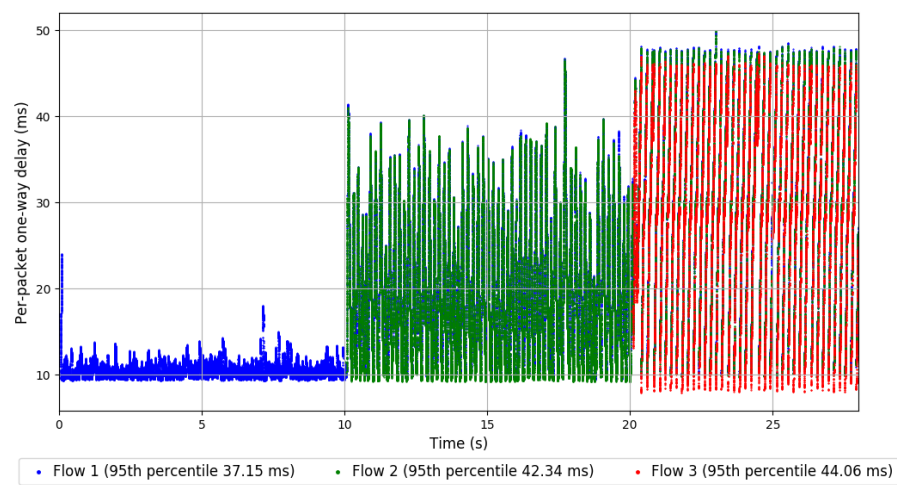
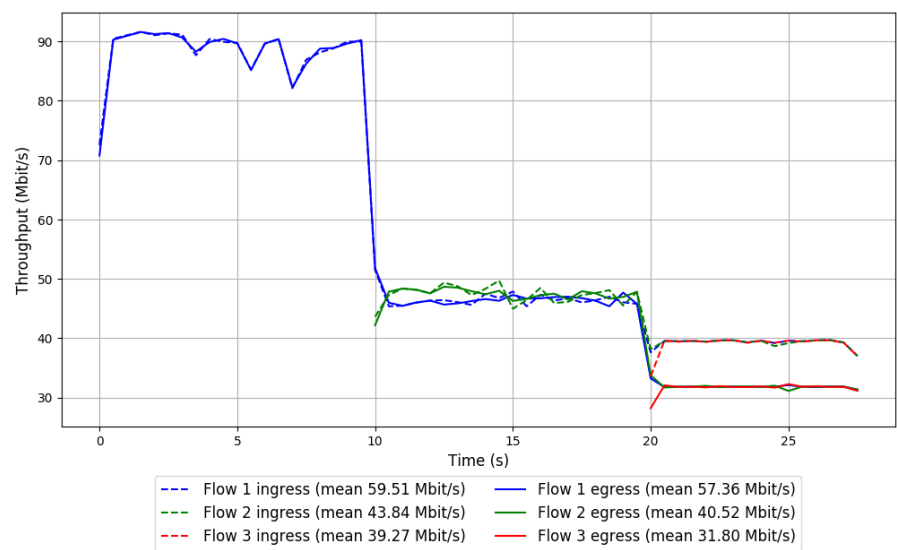


```
Run 1: Statistics of TaoVA-100x

Start at: 2017-09-18 03:50:22
End at: 2017-09-18 03:50:52
Local clock offset: 0.022 ms
Remote clock offset: -4.496 ms

# Below is generated by plot.py at 2017-09-18 07:30:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.41 Mbit/s
95th percentile per-packet one-way delay: 40.962 ms
Loss rate: 6.41%
-- Flow 1:
Average throughput: 57.36 Mbit/s
95th percentile per-packet one-way delay: 37.152 ms
Loss rate: 3.55%
-- Flow 2:
Average throughput: 40.52 Mbit/s
95th percentile per-packet one-way delay: 42.344 ms
Loss rate: 7.50%
-- Flow 3:
Average throughput: 31.80 Mbit/s
95th percentile per-packet one-way delay: 44.065 ms
Loss rate: 18.94%
```

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



Run 2: Statistics of TaoVA-100x

Start at: 2017-09-18 04:09:38

End at: 2017-09-18 04:10:08

Local clock offset: 0.618 ms

Remote clock offset: -4.32 ms

Below is generated by plot.py at 2017-09-18 07:30:41

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.48 Mbit/s

95th percentile per-packet one-way delay: 42.139 ms

Loss rate: 7.17%

-- Flow 1:

Average throughput: 56.65 Mbit/s

95th percentile per-packet one-way delay: 38.081 ms

Loss rate: 4.14%

-- Flow 2:

Average throughput: 40.19 Mbit/s

95th percentile per-packet one-way delay: 43.276 ms

Loss rate: 8.60%

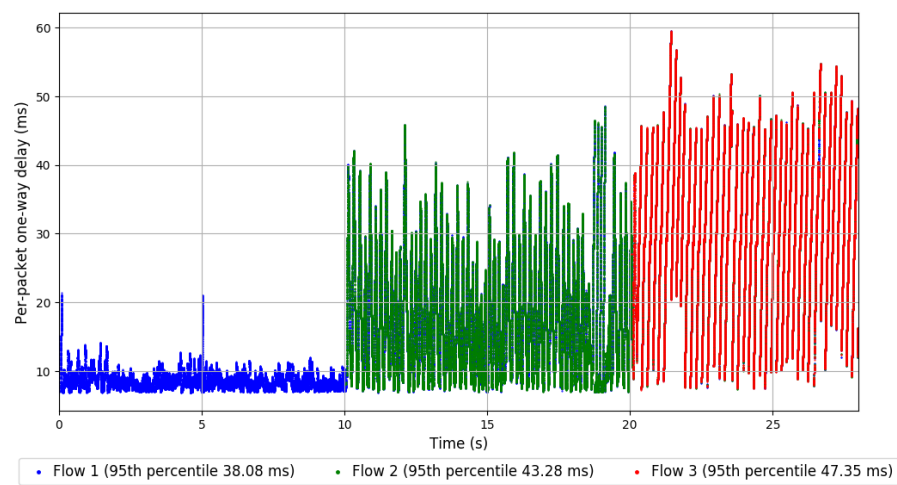
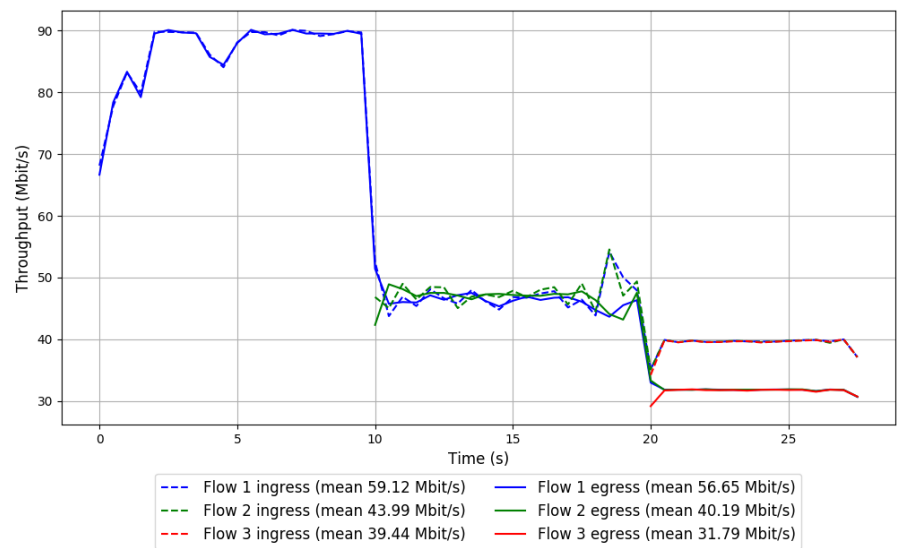
-- Flow 3:

Average throughput: 31.79 Mbit/s

95th percentile per-packet one-way delay: 47.347 ms

Loss rate: 19.51%

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

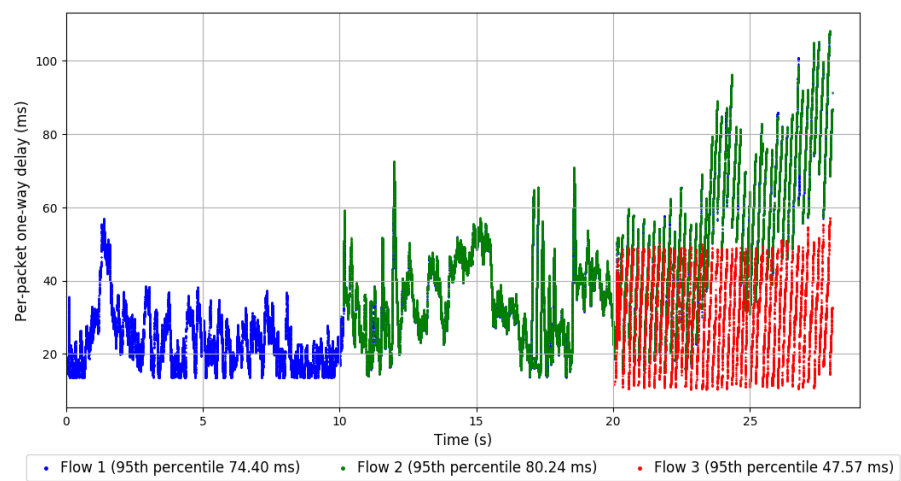
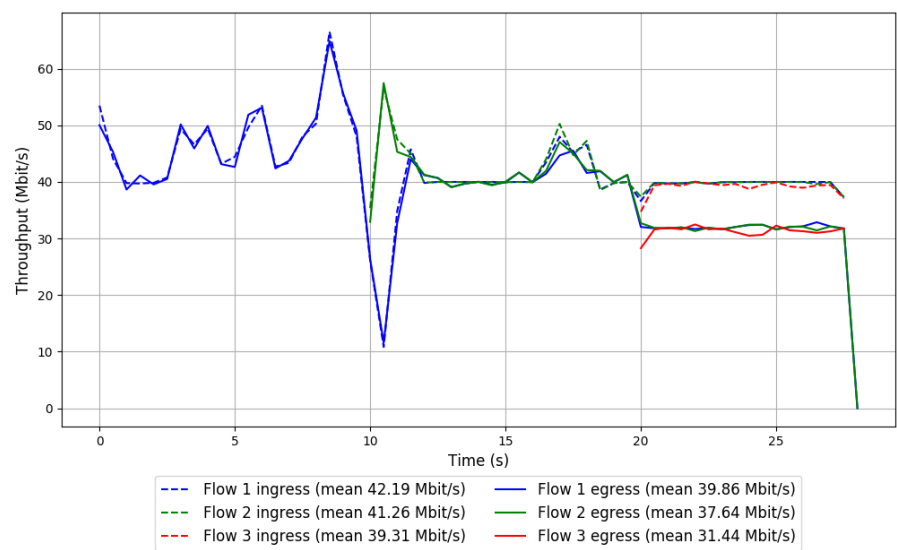


Run 3: Statistics of TaoVA-100x

Start at: 2017-09-18 04:28:10
End at: 2017-09-18 04:28:40
Local clock offset: -2.235 ms
Remote clock offset: -4.099 ms

Below is generated by plot.py at 2017-09-18 07:30:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.96 Mbit/s
95th percentile per-packet one-way delay: 75.437 ms
Loss rate: 8.54%
-- Flow 1:
Average throughput: 39.86 Mbit/s
95th percentile per-packet one-way delay: 74.399 ms
Loss rate: 5.43%
-- Flow 2:
Average throughput: 37.64 Mbit/s
95th percentile per-packet one-way delay: 80.238 ms
Loss rate: 8.74%
-- Flow 3:
Average throughput: 31.44 Mbit/s
95th percentile per-packet one-way delay: 47.567 ms
Loss rate: 19.80%

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

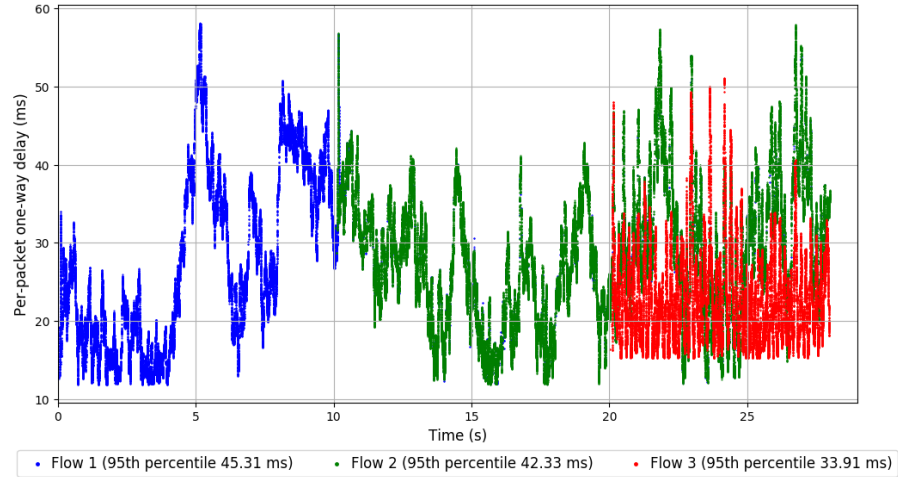
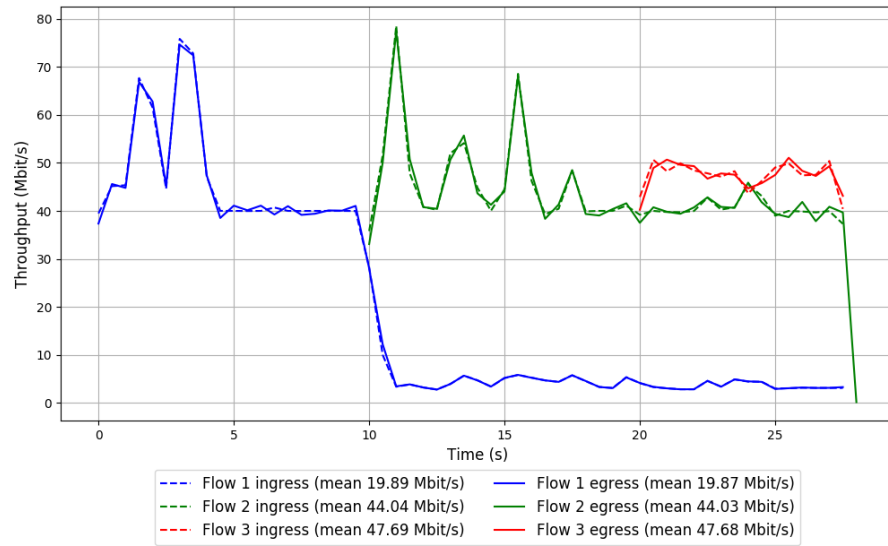


Run 4: Statistics of TaoVA-100x

Start at: 2017-09-18 04:48:08
End at: 2017-09-18 04:48:38
Local clock offset: -2.89 ms
Remote clock offset: -3.417 ms

Below is generated by plot.py at 2017-09-18 07:30:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 61.65 Mbit/s
95th percentile per-packet one-way delay: 43.312 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 19.87 Mbit/s
95th percentile per-packet one-way delay: 45.306 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 44.03 Mbit/s
95th percentile per-packet one-way delay: 42.327 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 47.68 Mbit/s
95th percentile per-packet one-way delay: 33.910 ms
Loss rate: 0.00%

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

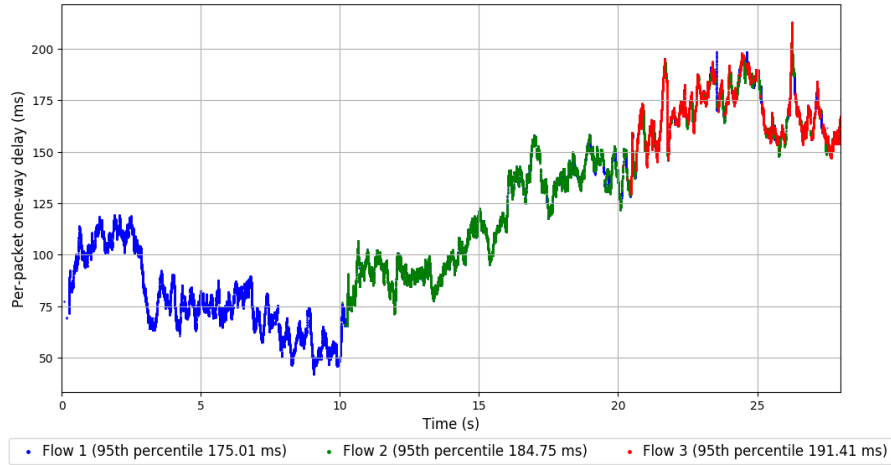
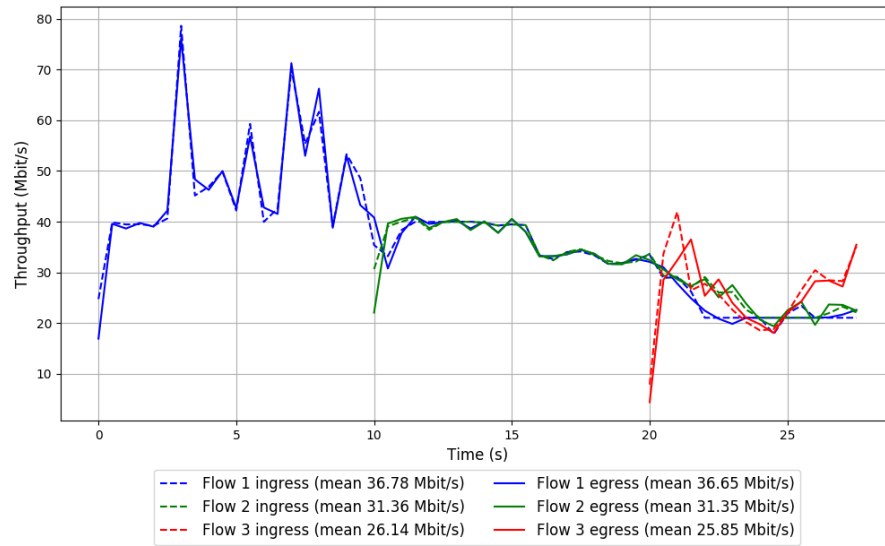


Run 5: Statistics of TaoVA-100x

Start at: 2017-09-18 05:07:24
End at: 2017-09-18 05:07:54
Local clock offset: -0.362 ms
Remote clock offset: -2.834 ms

Below is generated by plot.py at 2017-09-18 07:30:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 63.99 Mbit/s
95th percentile per-packet one-way delay: 183.964 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 36.65 Mbit/s
95th percentile per-packet one-way delay: 175.015 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 31.35 Mbit/s
95th percentile per-packet one-way delay: 184.750 ms
Loss rate: 0.37%
-- Flow 3:
Average throughput: 25.85 Mbit/s
95th percentile per-packet one-way delay: 191.409 ms
Loss rate: 2.43%

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

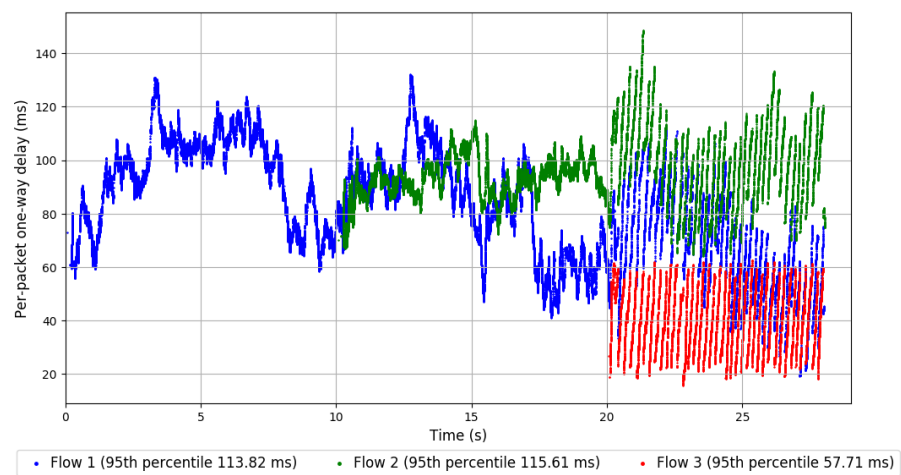
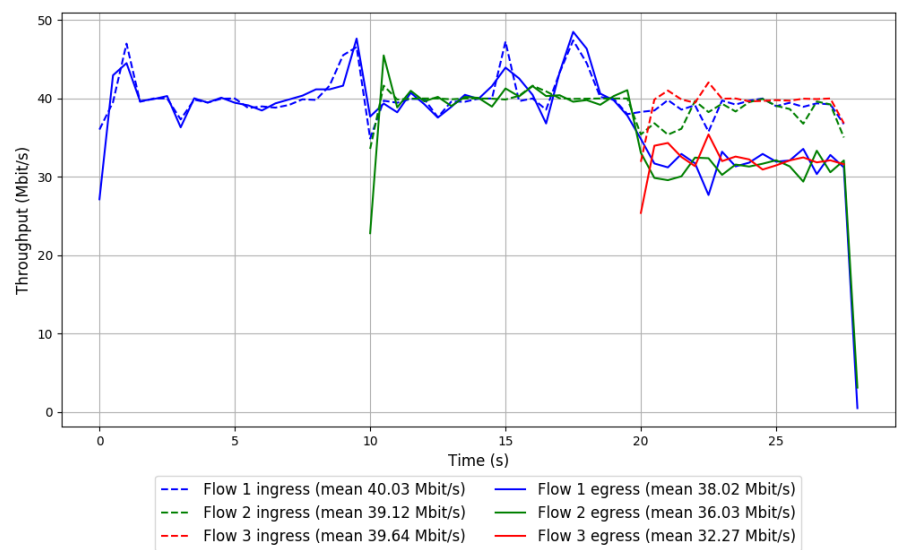


Run 6: Statistics of TaoVA-100x

Start at: 2017-09-18 05:27:36
End at: 2017-09-18 05:28:06
Local clock offset: 0.85 ms
Remote clock offset: -3.526 ms

Below is generated by plot.py at 2017-09-18 07:30:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 70.28 Mbit/s
95th percentile per-packet one-way delay: 113.356 ms
Loss rate: 8.01%
-- Flow 1:
Average throughput: 38.02 Mbit/s
95th percentile per-packet one-way delay: 113.822 ms
Loss rate: 5.12%
-- Flow 2:
Average throughput: 36.03 Mbit/s
95th percentile per-packet one-way delay: 115.609 ms
Loss rate: 7.87%
-- Flow 3:
Average throughput: 32.27 Mbit/s
95th percentile per-packet one-way delay: 57.711 ms
Loss rate: 18.63%

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

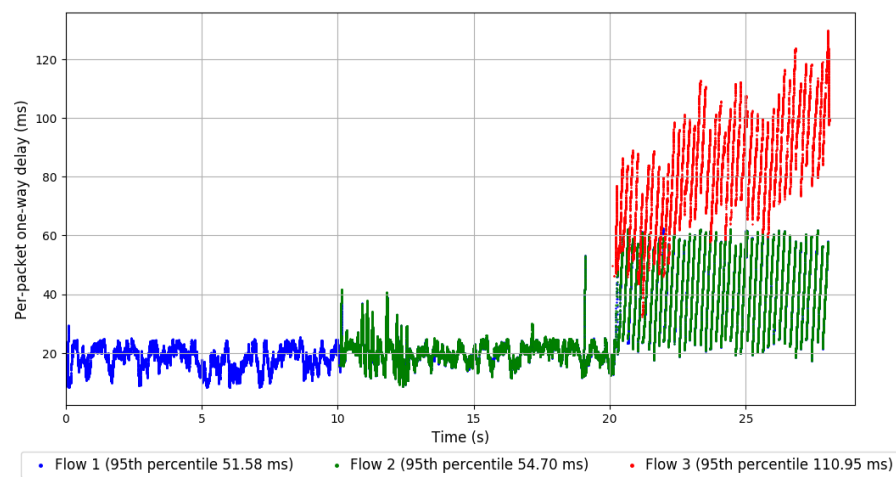
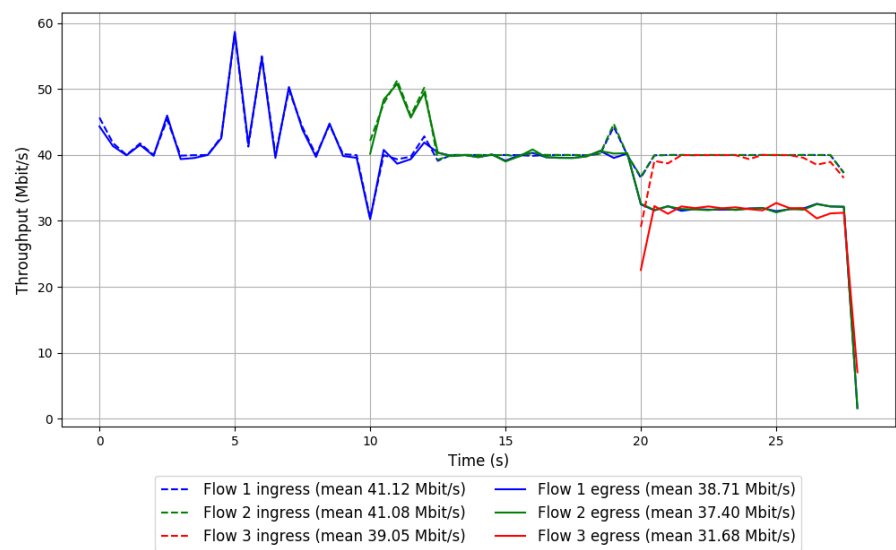


Run 7: Statistics of TaoVA-100x

Start at: 2017-09-18 05:47:24
End at: 2017-09-18 05:47:54
Local clock offset: 0.449 ms
Remote clock offset: -4.673 ms

Below is generated by plot.py at 2017-09-18 07:30:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 71.65 Mbit/s
95th percentile per-packet one-way delay: 87.088 ms
Loss rate: 8.52%
-- Flow 1:
Average throughput: 38.71 Mbit/s
95th percentile per-packet one-way delay: 51.581 ms
Loss rate: 5.70%
-- Flow 2:
Average throughput: 37.40 Mbit/s
95th percentile per-packet one-way delay: 54.701 ms
Loss rate: 8.78%
-- Flow 3:
Average throughput: 31.68 Mbit/s
95th percentile per-packet one-way delay: 110.955 ms
Loss rate: 18.37%

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

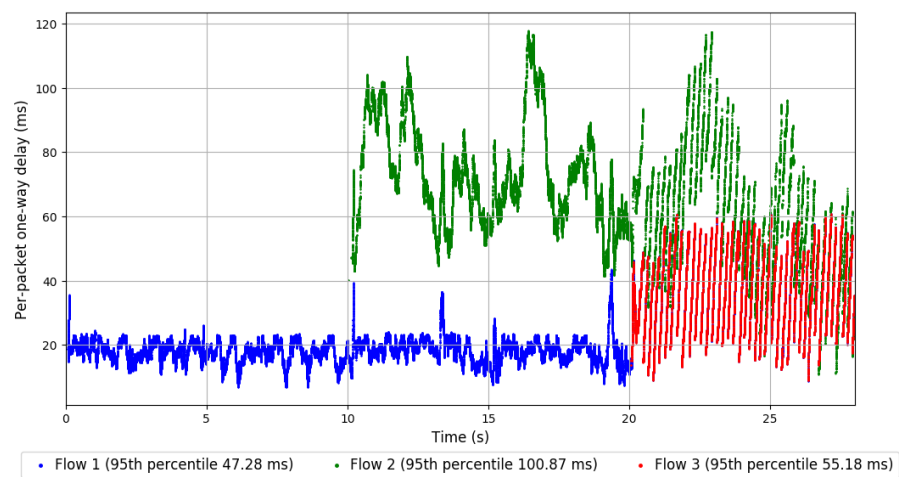
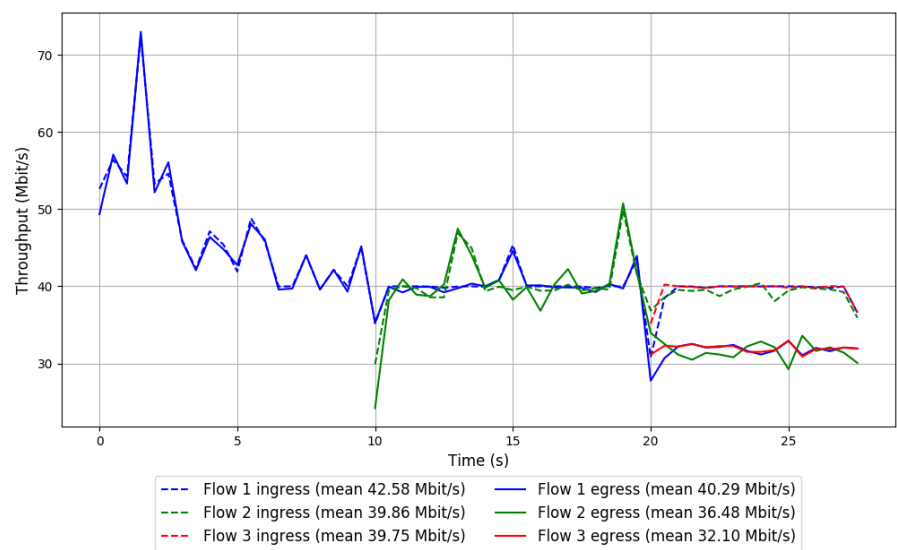


Run 8: Statistics of TaoVA-100x

Start at: 2017-09-18 06:07:06
End at: 2017-09-18 06:07:36
Local clock offset: 3.102 ms
Remote clock offset: -4.436 ms

Below is generated by plot.py at 2017-09-18 07:30:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.82 Mbit/s
95th percentile per-packet one-way delay: 87.799 ms
Loss rate: 8.31%
-- Flow 1:
Average throughput: 40.29 Mbit/s
95th percentile per-packet one-way delay: 47.282 ms
Loss rate: 5.32%
-- Flow 2:
Average throughput: 36.48 Mbit/s
95th percentile per-packet one-way delay: 100.869 ms
Loss rate: 8.54%
-- Flow 3:
Average throughput: 32.10 Mbit/s
95th percentile per-packet one-way delay: 55.181 ms
Loss rate: 19.05%

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

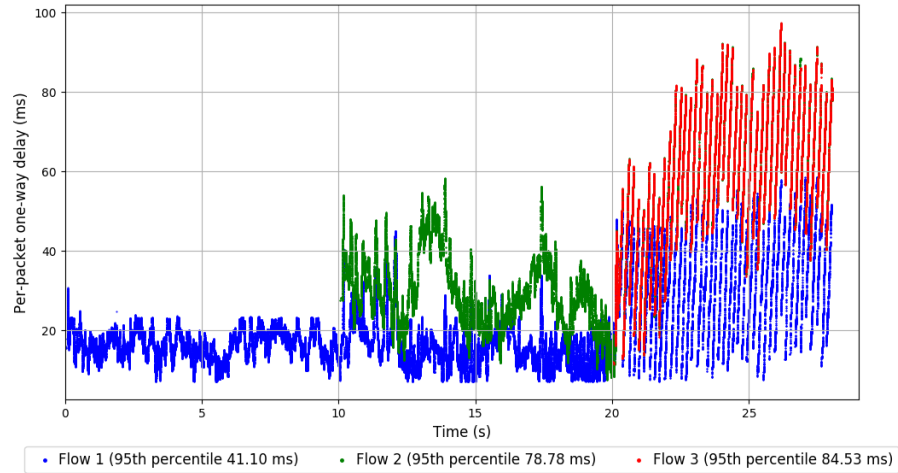
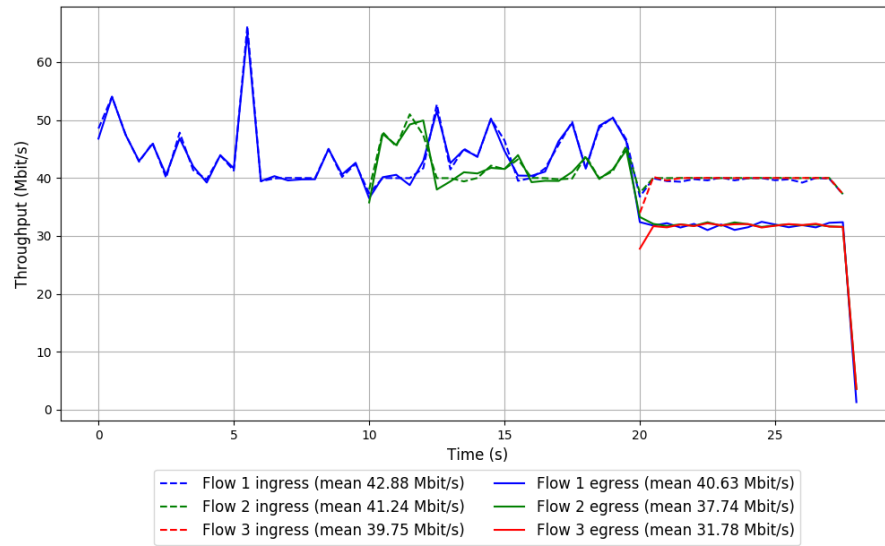


Run 9: Statistics of TaoVA-100x

Start at: 2017-09-18 06:26:06
End at: 2017-09-18 06:26:36
Local clock offset: 3.192 ms
Remote clock offset: -4.841 ms

Below is generated by plot.py at 2017-09-18 07:32:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.89 Mbit/s
95th percentile per-packet one-way delay: 74.965 ms
Loss rate: 8.15%
-- Flow 1:
Average throughput: 40.63 Mbit/s
95th percentile per-packet one-way delay: 41.102 ms
Loss rate: 5.15%
-- Flow 2:
Average throughput: 37.74 Mbit/s
95th percentile per-packet one-way delay: 78.776 ms
Loss rate: 8.23%
-- Flow 3:
Average throughput: 31.78 Mbit/s
95th percentile per-packet one-way delay: 84.526 ms
Loss rate: 19.38%

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

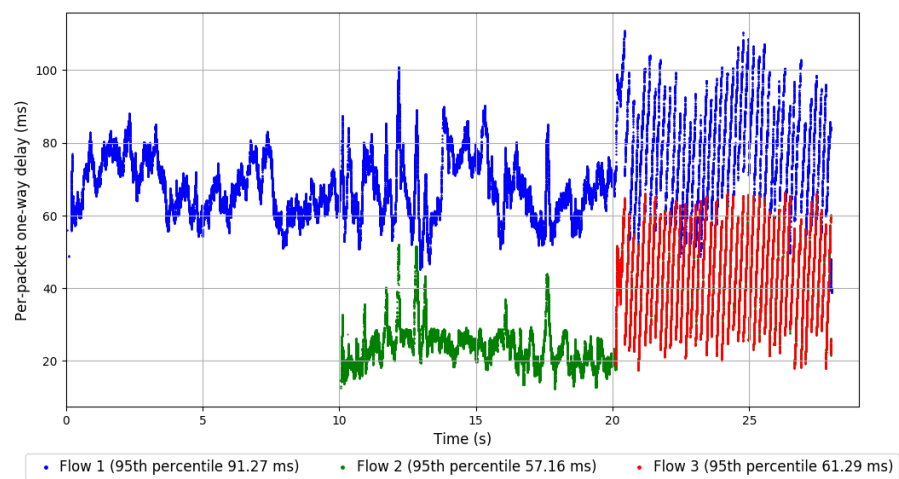
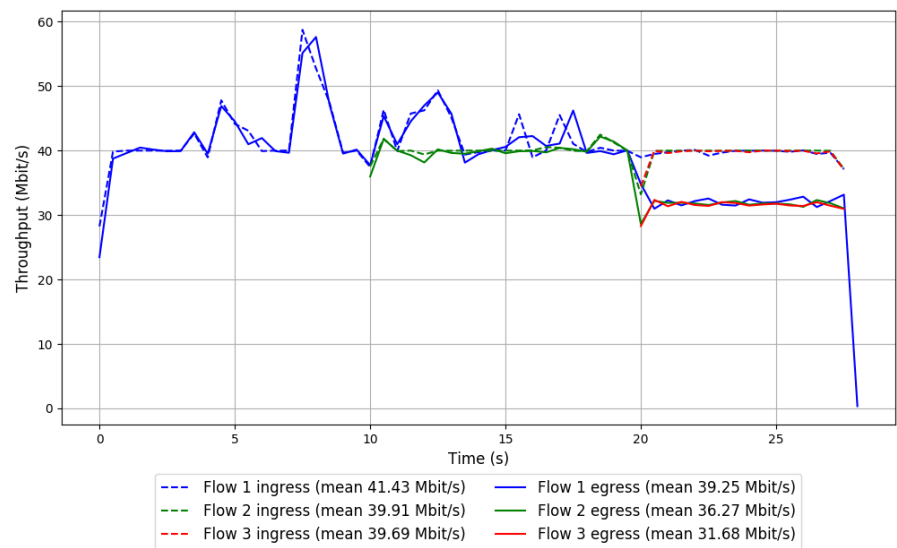


Run 10: Statistics of TaoVA-100x

Start at: 2017-09-18 06:44:59
End at: 2017-09-18 06:45:29
Local clock offset: -5.079 ms
Remote clock offset: -9.694 ms

Below is generated by plot.py at 2017-09-18 07:32:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 71.56 Mbit/s
95th percentile per-packet one-way delay: 85.264 ms
Loss rate: 8.68%
-- Flow 1:
Average throughput: 39.25 Mbit/s
95th percentile per-packet one-way delay: 91.267 ms
Loss rate: 5.32%
-- Flow 2:
Average throughput: 36.27 Mbit/s
95th percentile per-packet one-way delay: 57.164 ms
Loss rate: 9.08%
-- Flow 3:
Average throughput: 31.68 Mbit/s
95th percentile per-packet one-way delay: 61.292 ms
Loss rate: 20.14%

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



Run 1: Statistics of TCP Vegas

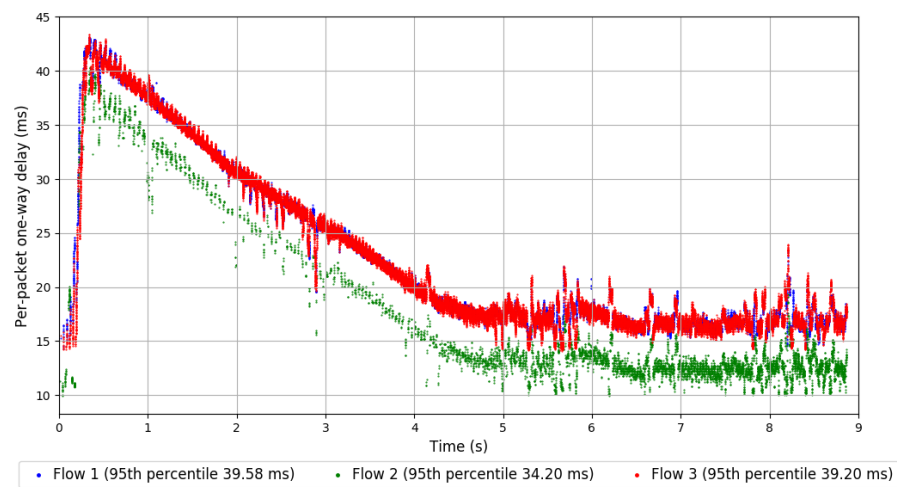
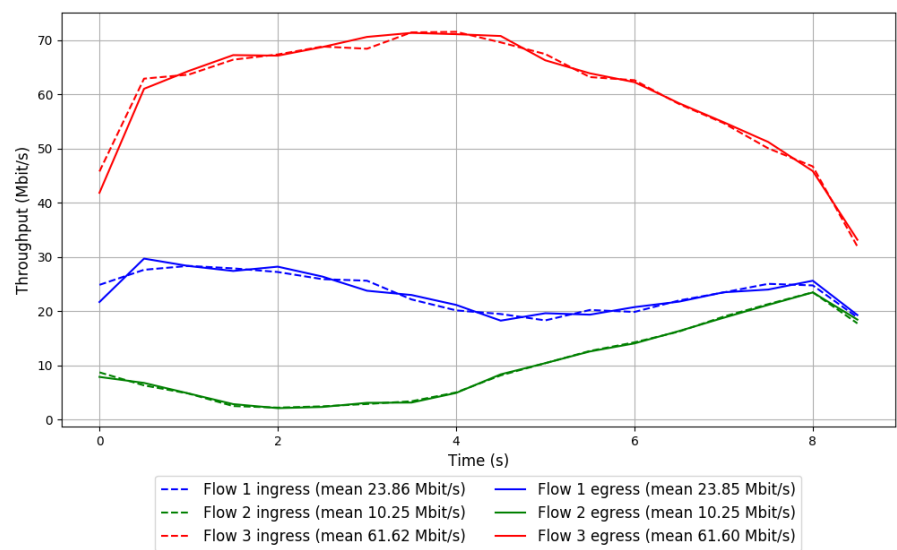
Start at: 2017-09-18 03:39:29

End at: 2017-09-18 03:39:59

Local clock offset: -1.132 ms

Remote clock offset: -4.826 ms

Run 1: Report of TCP Vegas — Data Link

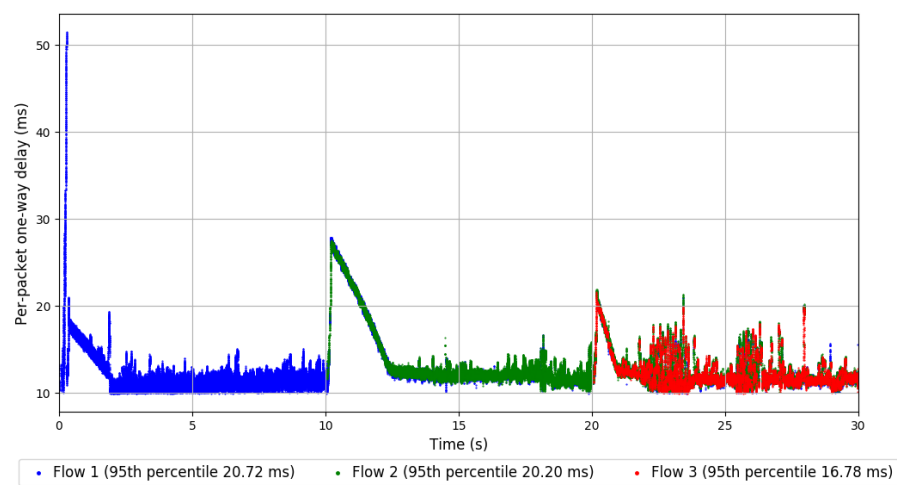
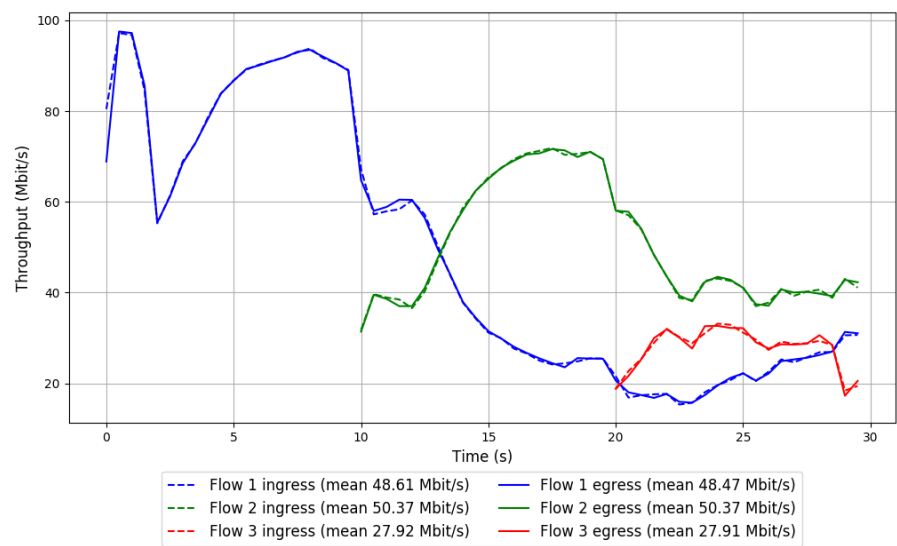


Run 2: Statistics of TCP Vegas

Start at: 2017-09-18 03:59:22
End at: 2017-09-18 03:59:52
Local clock offset: -2.478 ms
Remote clock offset: -4.225 ms

Below is generated by plot.py at 2017-09-18 07:32:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.26 Mbit/s
95th percentile per-packet one-way delay: 19.960 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 48.47 Mbit/s
95th percentile per-packet one-way delay: 20.717 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 50.37 Mbit/s
95th percentile per-packet one-way delay: 20.201 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 27.91 Mbit/s
95th percentile per-packet one-way delay: 16.778 ms
Loss rate: 0.01%

Run 2: Report of TCP Vegas — Data Link

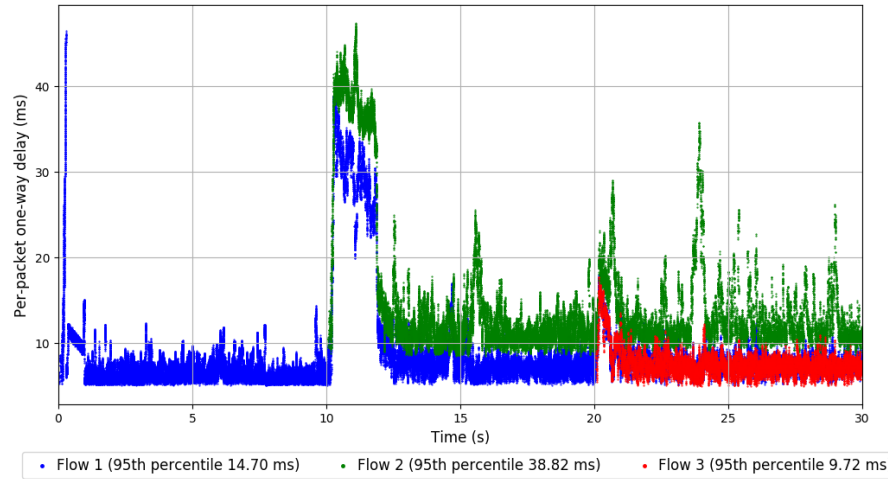
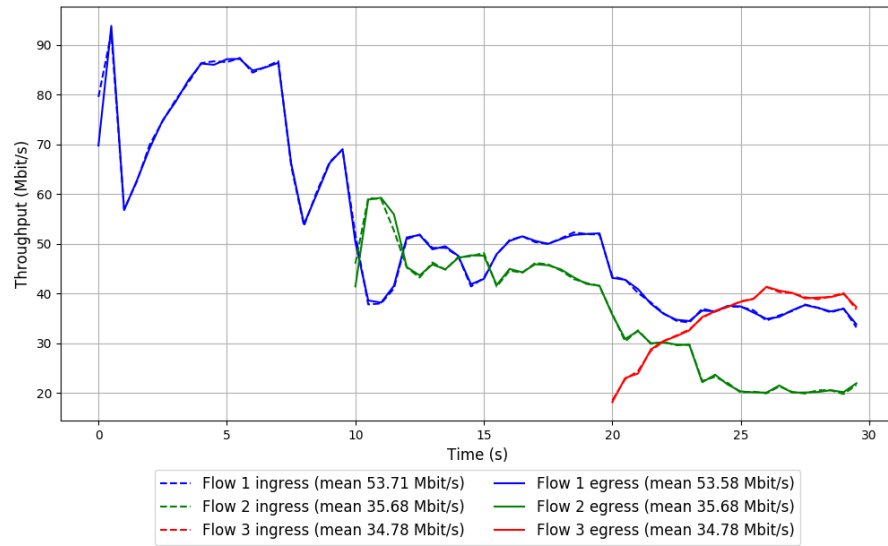


Run 3: Statistics of TCP Vegas

Start at: 2017-09-18 04:18:07
End at: 2017-09-18 04:18:37
Local clock offset: 2.154 ms
Remote clock offset: -4.633 ms

Below is generated by plot.py at 2017-09-18 07:32:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.88 Mbit/s
95th percentile per-packet one-way delay: 29.704 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 53.58 Mbit/s
95th percentile per-packet one-way delay: 14.701 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 35.68 Mbit/s
95th percentile per-packet one-way delay: 38.818 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 34.78 Mbit/s
95th percentile per-packet one-way delay: 9.721 ms
Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link

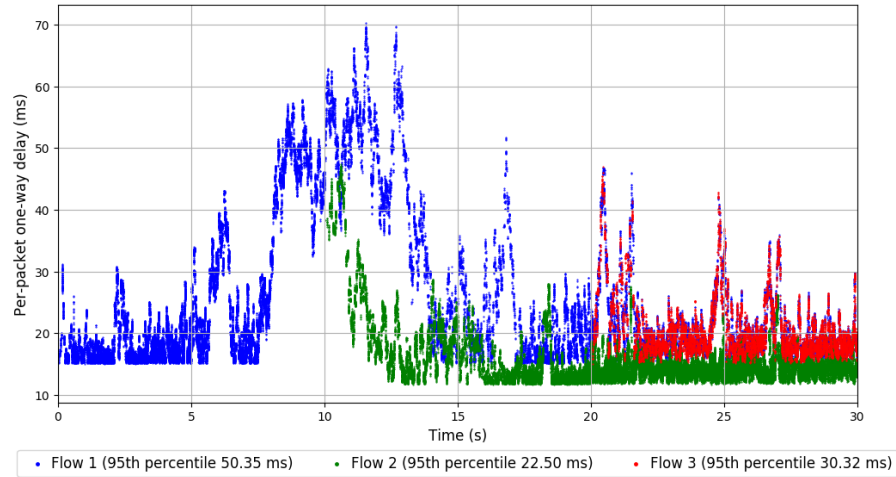
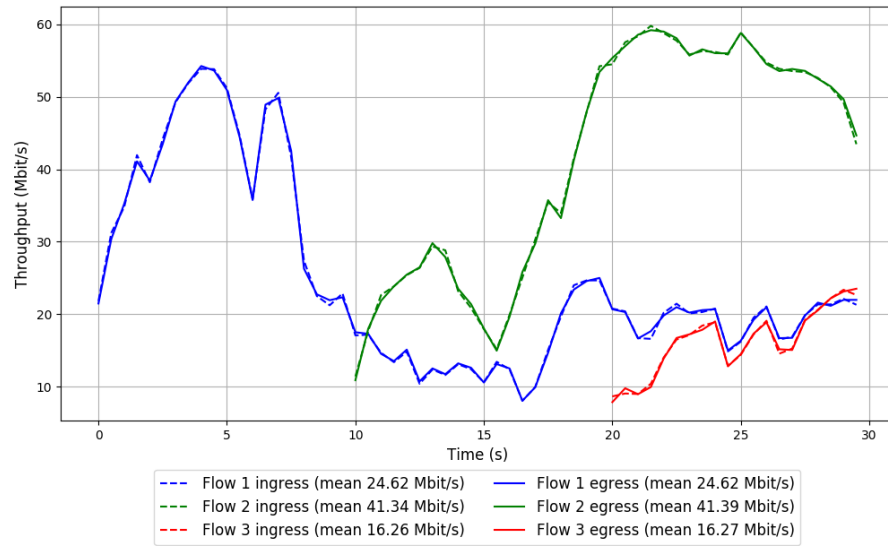


Run 4: Statistics of TCP Vegas

Start at: 2017-09-18 04:37:32
End at: 2017-09-18 04:38:02
Local clock offset: -2.709 ms
Remote clock offset: -3.202 ms

Below is generated by plot.py at 2017-09-18 07:32:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 57.55 Mbit/s
95th percentile per-packet one-way delay: 41.577 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 24.62 Mbit/s
95th percentile per-packet one-way delay: 50.353 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 41.39 Mbit/s
95th percentile per-packet one-way delay: 22.505 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 16.27 Mbit/s
95th percentile per-packet one-way delay: 30.318 ms
Loss rate: 0.01%

Run 4: Report of TCP Vegas — Data Link

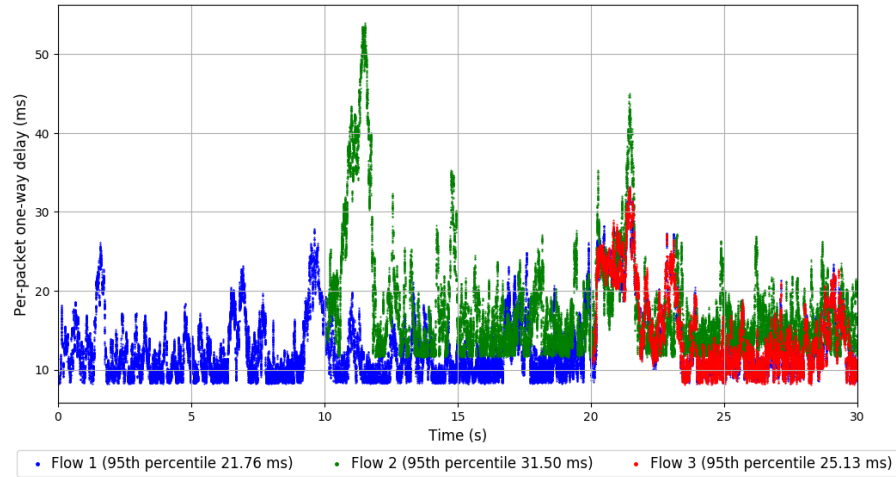
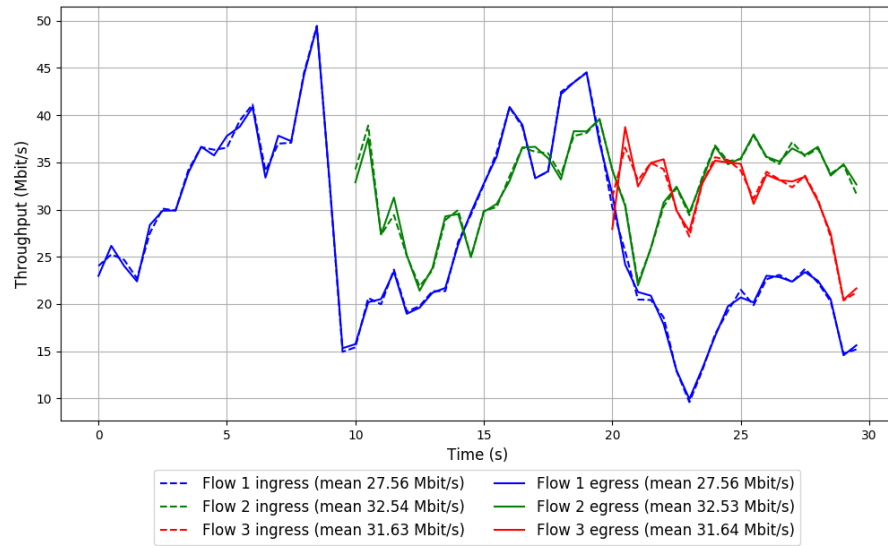


Run 5: Statistics of TCP Vegas

Start at: 2017-09-18 04:57:12
End at: 2017-09-18 04:57:42
Local clock offset: 0.584 ms
Remote clock offset: -3.776 ms

Below is generated by plot.py at 2017-09-18 07:32:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 59.71 Mbit/s
95th percentile per-packet one-way delay: 24.976 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 27.56 Mbit/s
95th percentile per-packet one-way delay: 21.762 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.53 Mbit/s
95th percentile per-packet one-way delay: 31.497 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 31.64 Mbit/s
95th percentile per-packet one-way delay: 25.127 ms
Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link

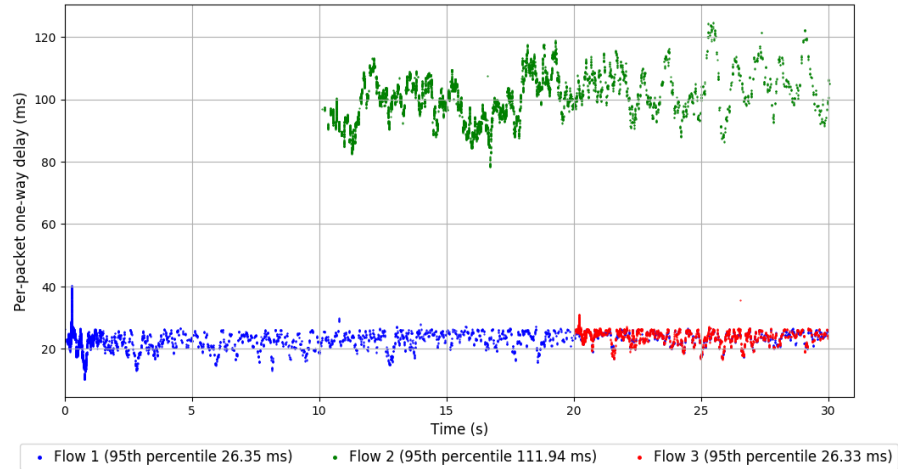
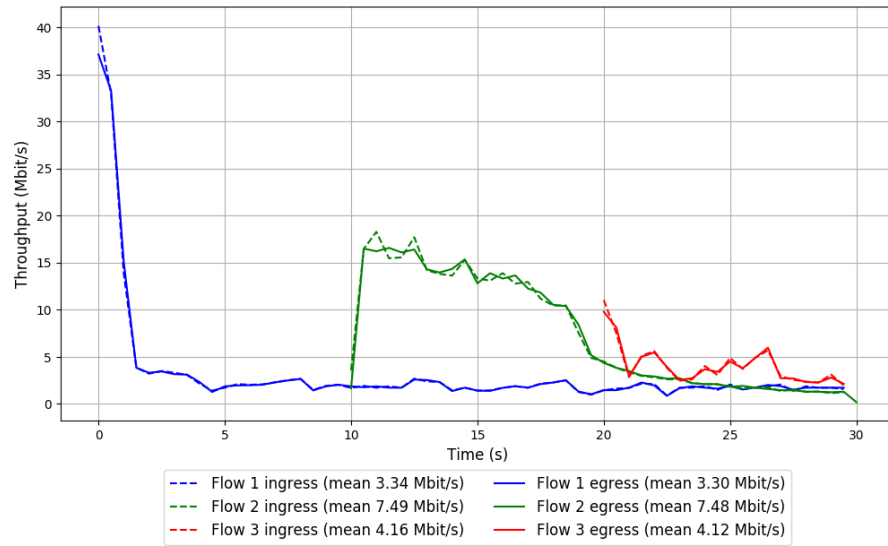


Run 6: Statistics of TCP Vegas

Start at: 2017-09-18 05:16:50
End at: 2017-09-18 05:17:20
Local clock offset: -1.804 ms
Remote clock offset: -4.093 ms

Below is generated by plot.py at 2017-09-18 07:32:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 9.63 Mbit/s
95th percentile per-packet one-way delay: 109.026 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 3.30 Mbit/s
95th percentile per-packet one-way delay: 26.354 ms
Loss rate: 1.00%
-- Flow 2:
Average throughput: 7.48 Mbit/s
95th percentile per-packet one-way delay: 111.939 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 4.12 Mbit/s
95th percentile per-packet one-way delay: 26.331 ms
Loss rate: 0.93%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: 2017-09-18 05:37:06

End at: 2017-09-18 05:37:36

Local clock offset: 1.56 ms

Remote clock offset: -3.41 ms

Below is generated by plot.py at 2017-09-18 07:32:09

Datalink statistics

-- Total of 3 flows:

Average throughput: 8.21 Mbit/s

95th percentile per-packet one-way delay: 88.276 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 2.91 Mbit/s

95th percentile per-packet one-way delay: 68.851 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 2.26 Mbit/s

95th percentile per-packet one-way delay: 66.269 ms

Loss rate: 0.00%

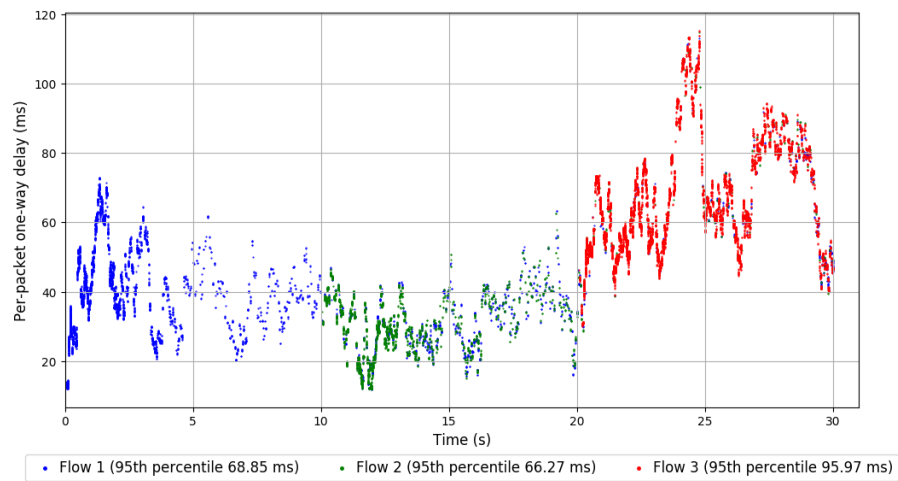
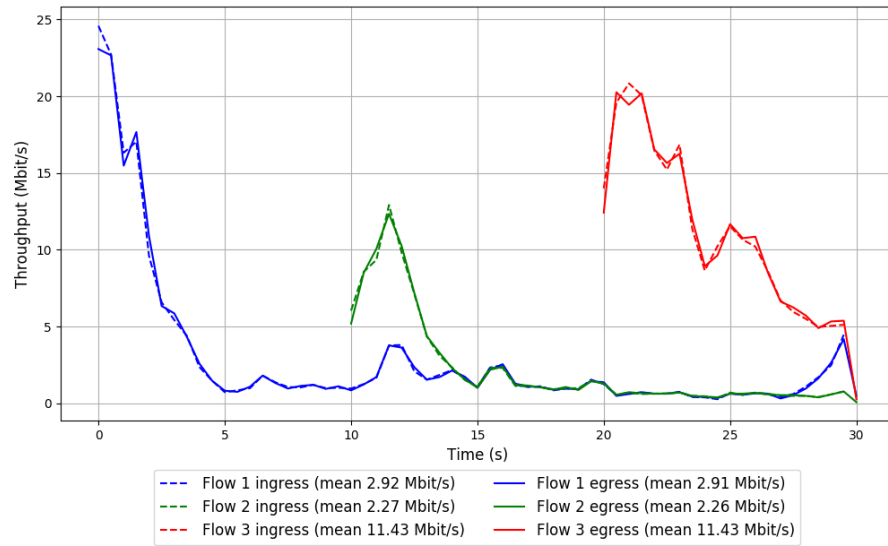
-- Flow 3:

Average throughput: 11.43 Mbit/s

95th percentile per-packet one-way delay: 95.974 ms

Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link

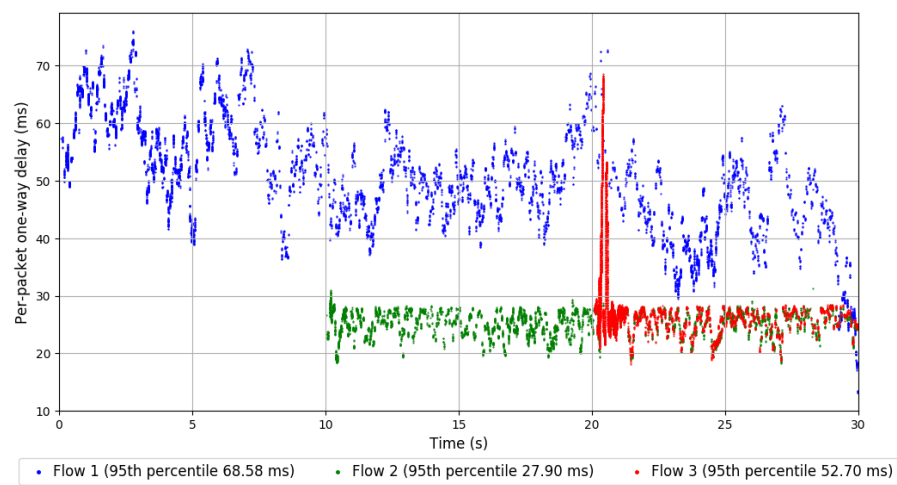
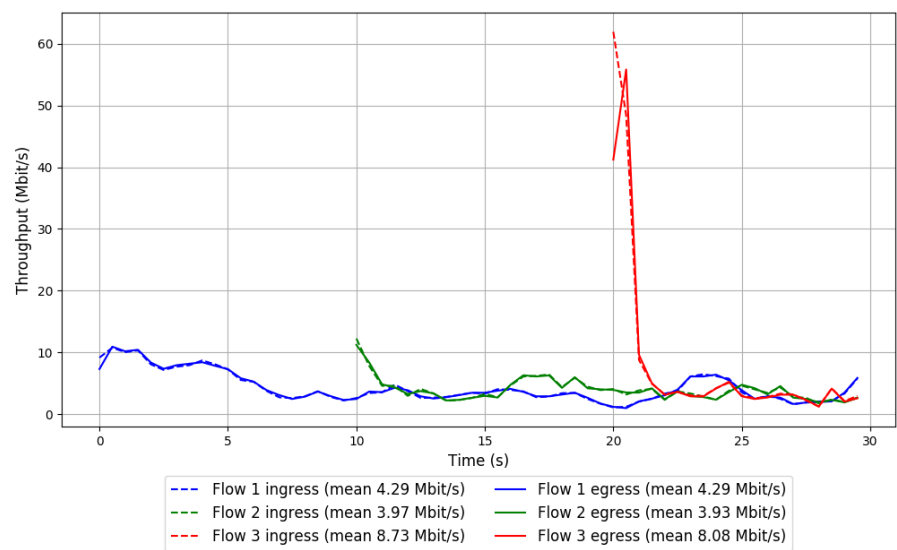


Run 8: Statistics of TCP Vegas

Start at: 2017-09-18 05:56:50
End at: 2017-09-18 05:57:20
Local clock offset: -1.265 ms
Remote clock offset: -3.375 ms

Below is generated by plot.py at 2017-09-18 07:32:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 9.59 Mbit/s
95th percentile per-packet one-way delay: 65.248 ms
Loss rate: 2.59%
-- Flow 1:
Average throughput: 4.29 Mbit/s
95th percentile per-packet one-way delay: 68.583 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 3.93 Mbit/s
95th percentile per-packet one-way delay: 27.902 ms
Loss rate: 1.03%
-- Flow 3:
Average throughput: 8.08 Mbit/s
95th percentile per-packet one-way delay: 52.703 ms
Loss rate: 7.77%

Run 8: Report of TCP Vegas — Data Link

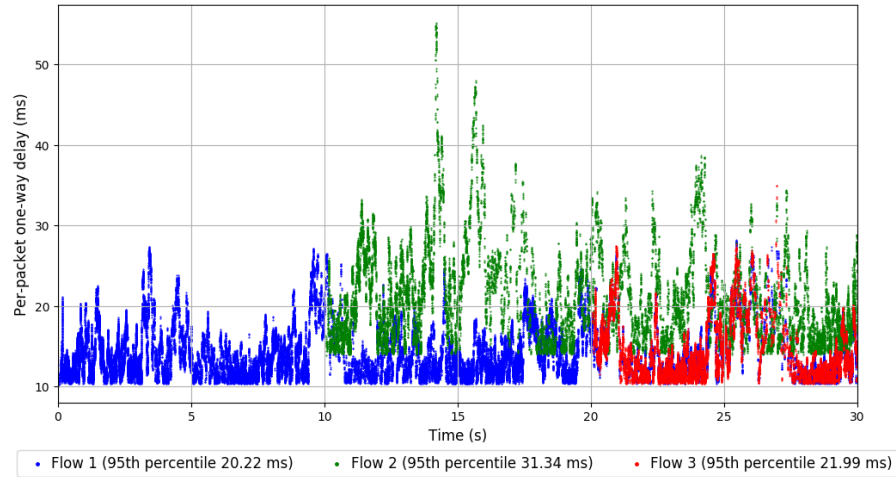
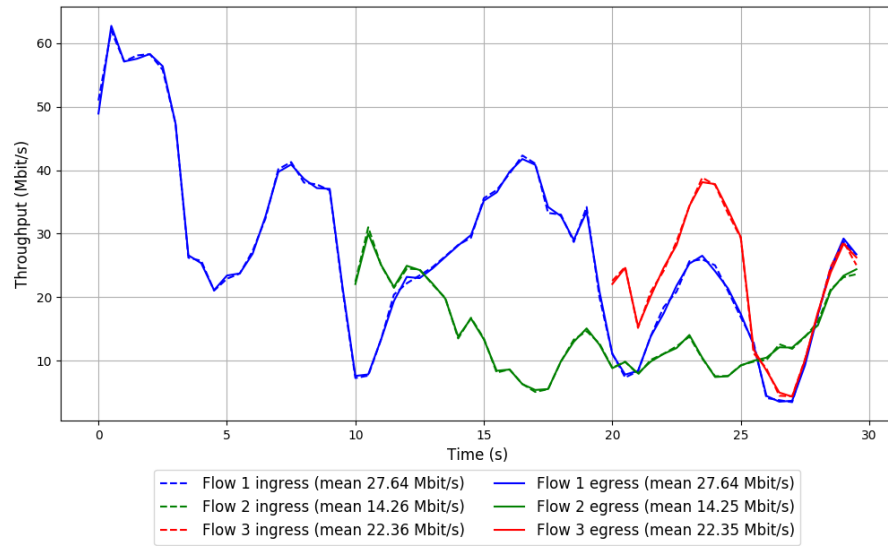


Run 9: Statistics of TCP Vegas

Start at: 2017-09-18 06:16:12
End at: 2017-09-18 06:16:42
Local clock offset: -0.132 ms
Remote clock offset: -4.511 ms

Below is generated by plot.py at 2017-09-18 07:32:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 44.52 Mbit/s
95th percentile per-packet one-way delay: 24.931 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 27.64 Mbit/s
95th percentile per-packet one-way delay: 20.218 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 14.25 Mbit/s
95th percentile per-packet one-way delay: 31.344 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 22.35 Mbit/s
95th percentile per-packet one-way delay: 21.994 ms
Loss rate: 0.05%

Run 9: Report of TCP Vegas — Data Link

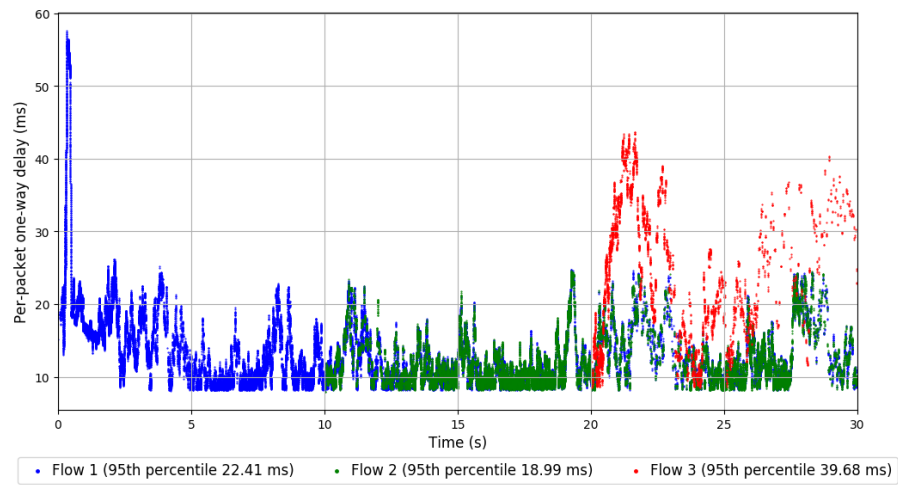
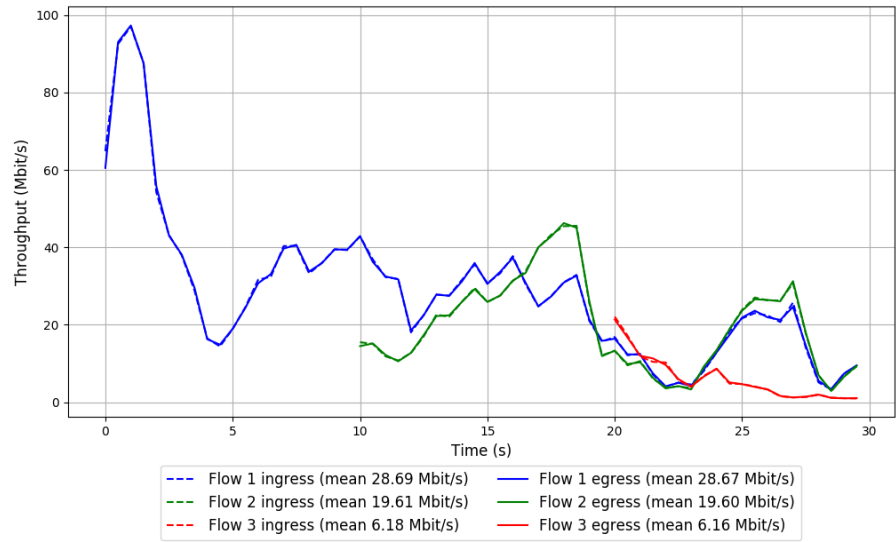


Run 10: Statistics of TCP Vegas

Start at: 2017-09-18 06:34:58
End at: 2017-09-18 06:35:28
Local clock offset: 2.713 ms
Remote clock offset: -4.421 ms

Below is generated by plot.py at 2017-09-18 07:32:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 43.78 Mbit/s
95th percentile per-packet one-way delay: 23.183 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 28.67 Mbit/s
95th percentile per-packet one-way delay: 22.414 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 19.60 Mbit/s
95th percentile per-packet one-way delay: 18.989 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 6.16 Mbit/s
95th percentile per-packet one-way delay: 39.682 ms
Loss rate: 0.16%

Run 10: Report of TCP Vegas — Data Link

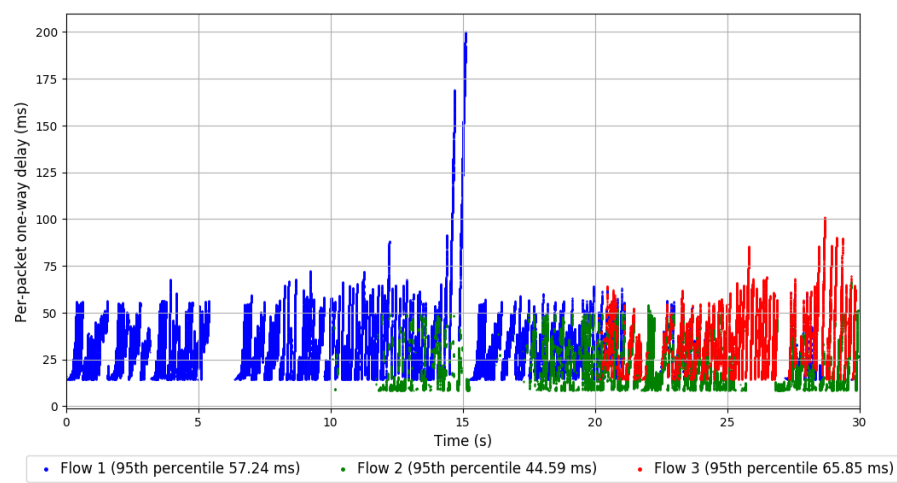
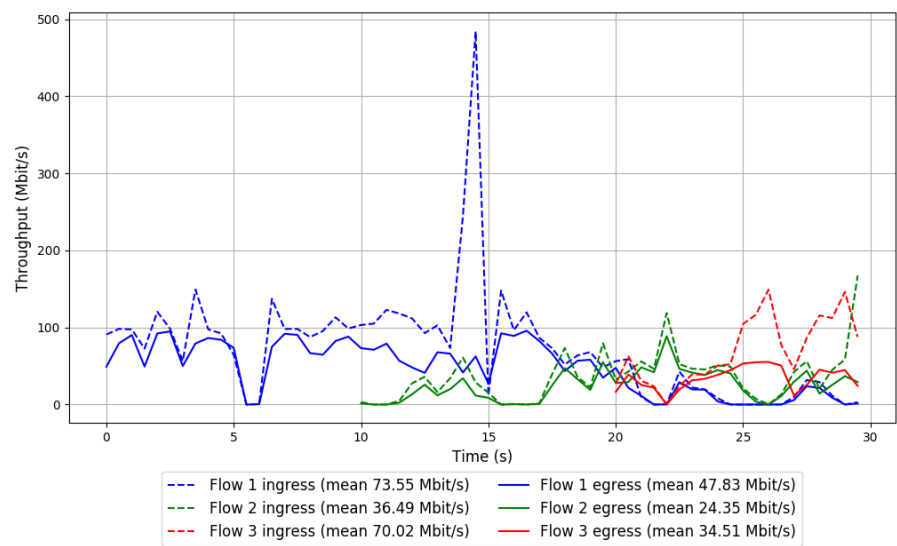


Run 1: Statistics of Verus

Start at: 2017-09-18 03:34:11
End at: 2017-09-18 03:34:41
Local clock offset: -1.182 ms
Remote clock offset: -4.775 ms

Below is generated by plot.py at 2017-09-18 07:32:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.22 Mbit/s
95th percentile per-packet one-way delay: 57.281 ms
Loss rate: 37.83%
-- Flow 1:
Average throughput: 47.83 Mbit/s
95th percentile per-packet one-way delay: 57.242 ms
Loss rate: 35.04%
-- Flow 2:
Average throughput: 24.35 Mbit/s
95th percentile per-packet one-way delay: 44.586 ms
Loss rate: 33.32%
-- Flow 3:
Average throughput: 34.51 Mbit/s
95th percentile per-packet one-way delay: 65.846 ms
Loss rate: 51.36%

Run 1: Report of Verus — Data Link

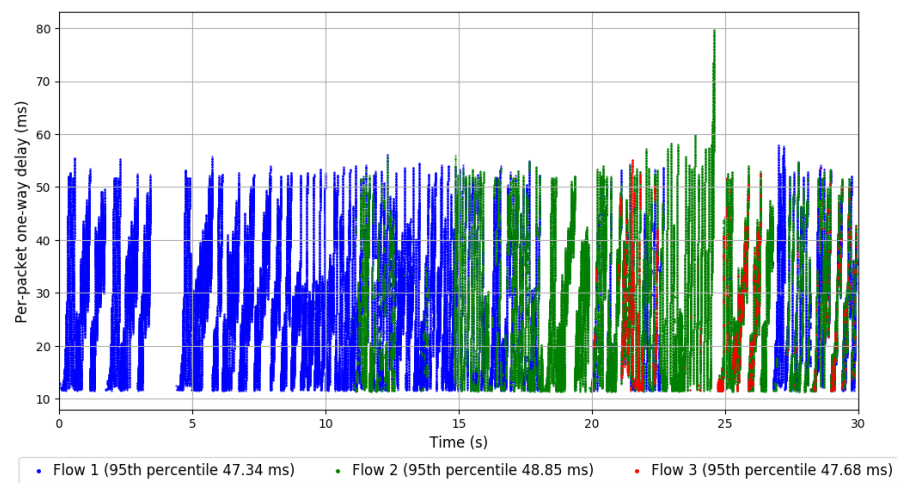
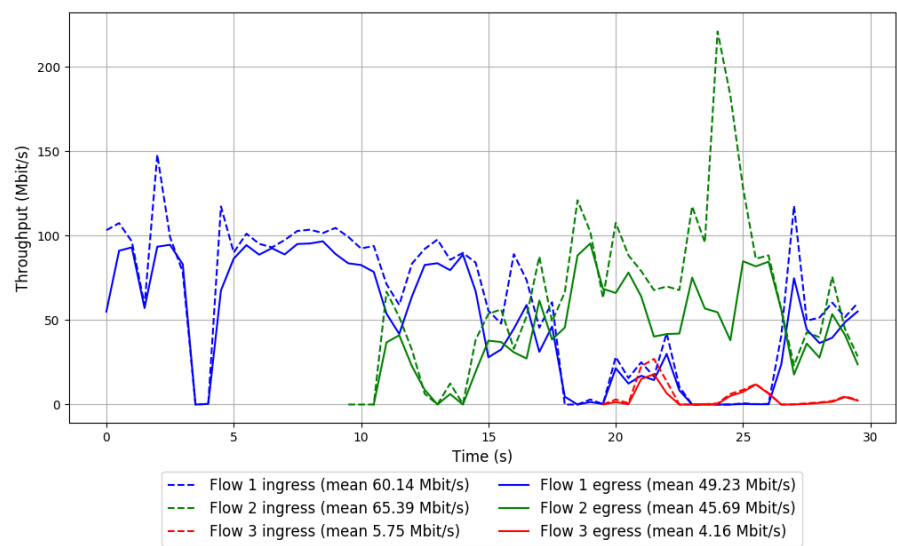


Run 2: Statistics of Verus

Start at: 2017-09-18 03:54:36
End at: 2017-09-18 03:55:06
Local clock offset: -2.483 ms
Remote clock offset: -4.62 ms

Below is generated by plot.py at 2017-09-18 07:32:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.54 Mbit/s
95th percentile per-packet one-way delay: 47.939 ms
Loss rate: 24.65%
-- Flow 1:
Average throughput: 49.23 Mbit/s
95th percentile per-packet one-way delay: 47.343 ms
Loss rate: 18.09%
-- Flow 2:
Average throughput: 45.69 Mbit/s
95th percentile per-packet one-way delay: 48.850 ms
Loss rate: 33.58%
-- Flow 3:
Average throughput: 4.16 Mbit/s
95th percentile per-packet one-way delay: 47.680 ms
Loss rate: 27.54%

Run 2: Report of Verus — Data Link

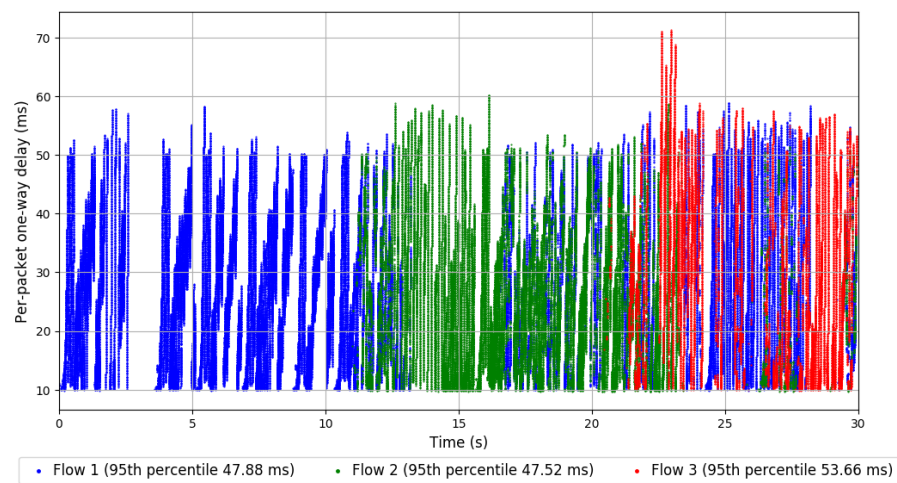
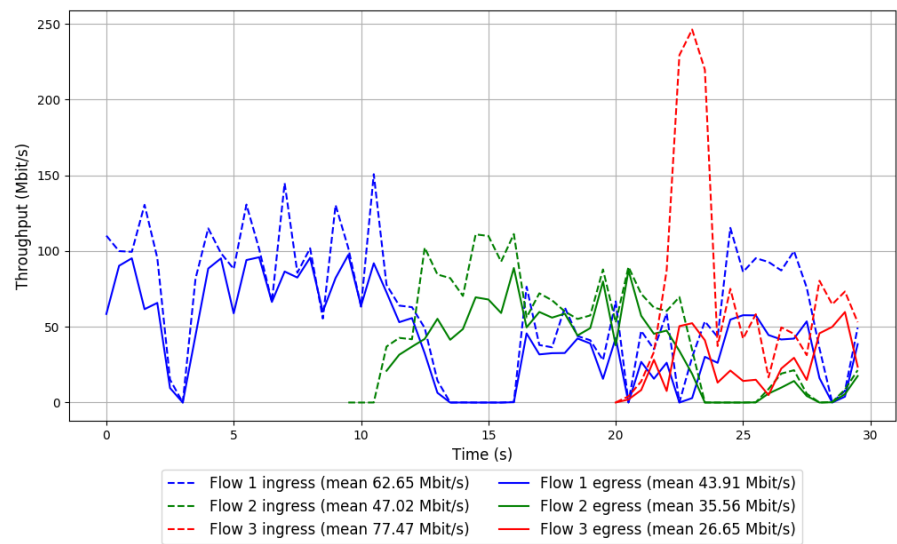


Run 3: Statistics of Verus

Start at: 2017-09-18 04:13:24
End at: 2017-09-18 04:13:54
Local clock offset: -2.558 ms
Remote clock offset: -4.412 ms

Below is generated by plot.py at 2017-09-18 07:32:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.80 Mbit/s
95th percentile per-packet one-way delay: 48.597 ms
Loss rate: 36.74%
-- Flow 1:
Average throughput: 43.91 Mbit/s
95th percentile per-packet one-way delay: 47.875 ms
Loss rate: 29.86%
-- Flow 2:
Average throughput: 35.56 Mbit/s
95th percentile per-packet one-way delay: 47.524 ms
Loss rate: 28.05%
-- Flow 3:
Average throughput: 26.65 Mbit/s
95th percentile per-packet one-way delay: 53.663 ms
Loss rate: 65.48%

Run 3: Report of Verus — Data Link

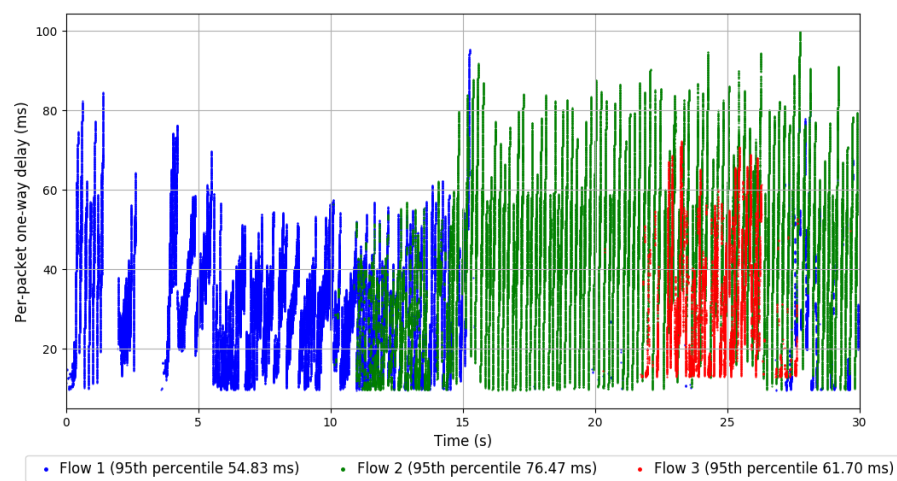
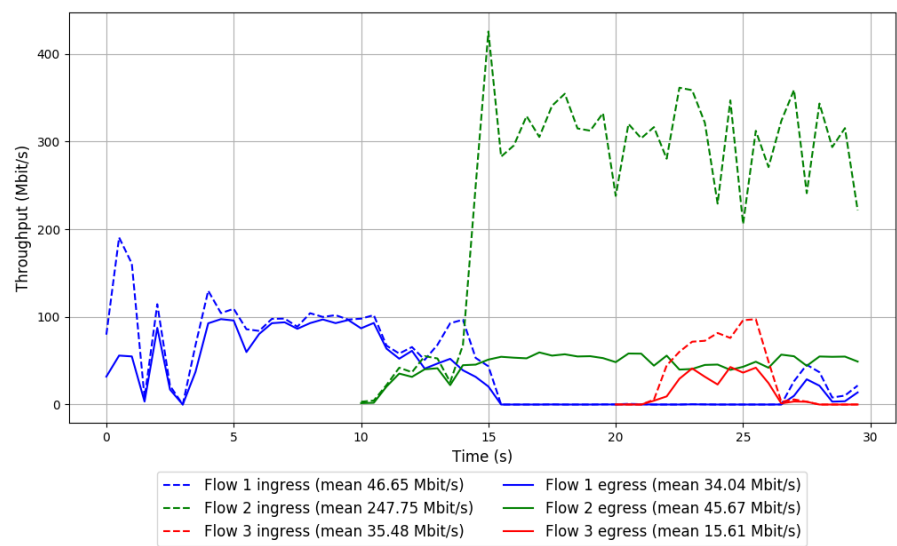


Run 4: Statistics of Verus

Start at: 2017-09-18 04:32:42
End at: 2017-09-18 04:33:12
Local clock offset: -1.233 ms
Remote clock offset: -3.816 ms

Below is generated by plot.py at 2017-09-18 07:33:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 69.19 Mbit/s
95th percentile per-packet one-way delay: 70.196 ms
Loss rate: 68.80%
-- Flow 1:
Average throughput: 34.04 Mbit/s
95th percentile per-packet one-way delay: 54.825 ms
Loss rate: 27.00%
-- Flow 2:
Average throughput: 45.67 Mbit/s
95th percentile per-packet one-way delay: 76.473 ms
Loss rate: 81.55%
-- Flow 3:
Average throughput: 15.61 Mbit/s
95th percentile per-packet one-way delay: 61.701 ms
Loss rate: 56.16%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2017-09-18 04:52:15

End at: 2017-09-18 04:52:45

Local clock offset: 1.039 ms

Remote clock offset: -3.43 ms

Below is generated by plot.py at 2017-09-18 07:33:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 76.17 Mbit/s

95th percentile per-packet one-way delay: 121.819 ms

Loss rate: 25.20%

-- Flow 1:

Average throughput: 50.74 Mbit/s

95th percentile per-packet one-way delay: 121.806 ms

Loss rate: 23.17%

-- Flow 2:

Average throughput: 31.75 Mbit/s

95th percentile per-packet one-way delay: 125.188 ms

Loss rate: 27.05%

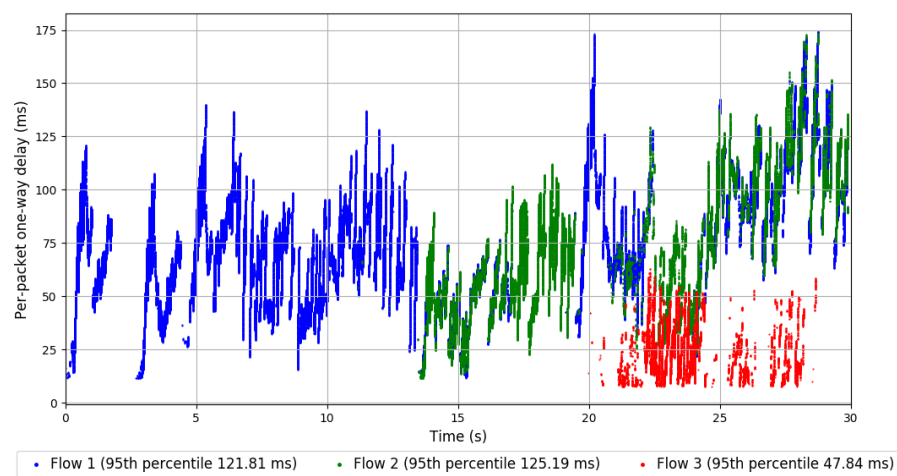
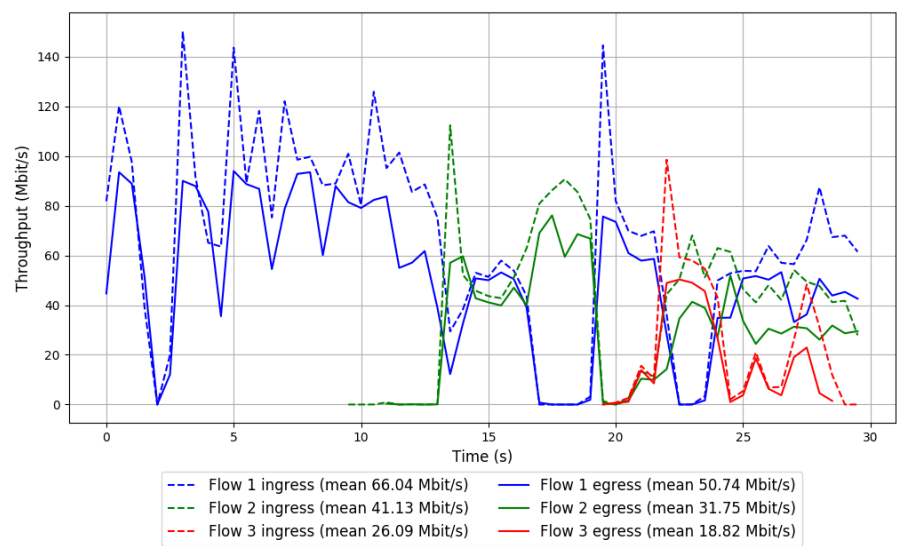
-- Flow 3:

Average throughput: 18.82 Mbit/s

95th percentile per-packet one-way delay: 47.835 ms

Loss rate: 35.14%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2017-09-18 05:11:28

End at: 2017-09-18 05:11:58

Local clock offset: -1.826 ms

Remote clock offset: -3.57 ms

Below is generated by plot.py at 2017-09-18 07:33:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 79.06 Mbit/s

95th percentile per-packet one-way delay: 171.165 ms

Loss rate: 25.30%

-- Flow 1:

Average throughput: 53.06 Mbit/s

95th percentile per-packet one-way delay: 178.270 ms

Loss rate: 22.71%

-- Flow 2:

Average throughput: 31.61 Mbit/s

95th percentile per-packet one-way delay: 61.099 ms

Loss rate: 31.95%

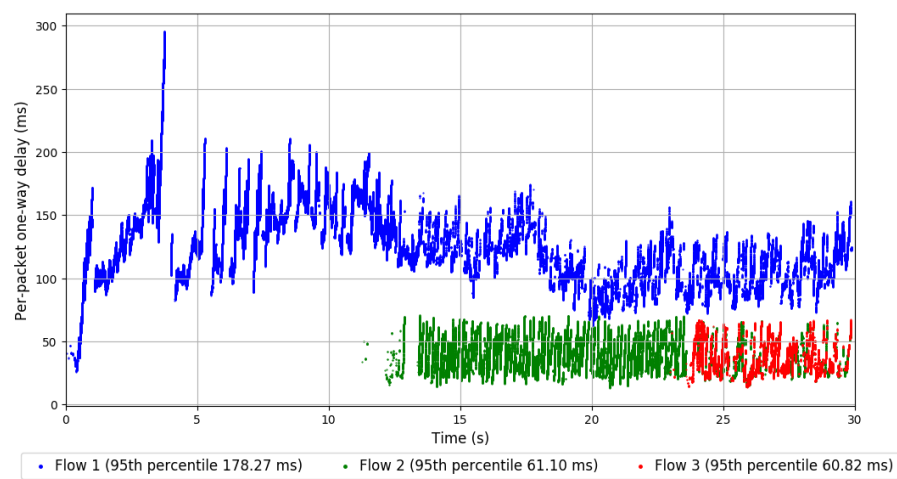
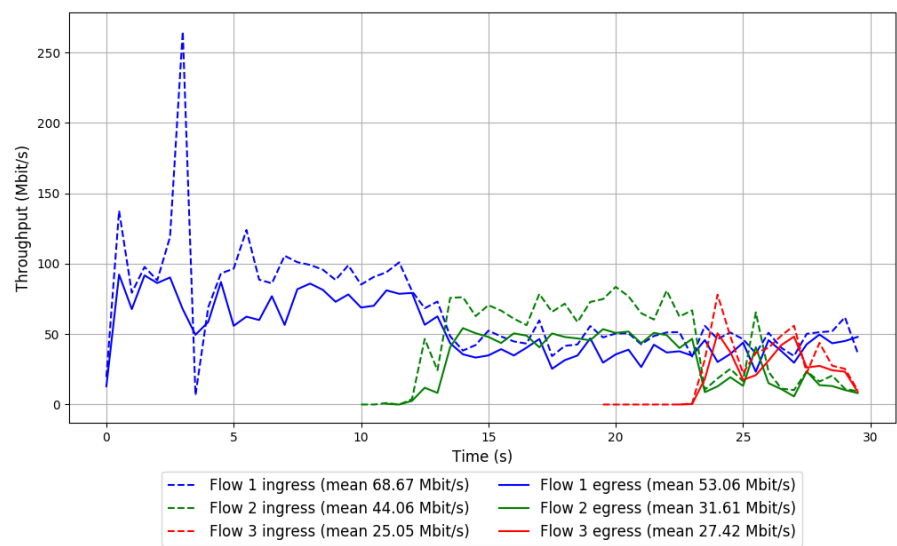
-- Flow 3:

Average throughput: 27.42 Mbit/s

95th percentile per-packet one-way delay: 60.817 ms

Loss rate: 23.50%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

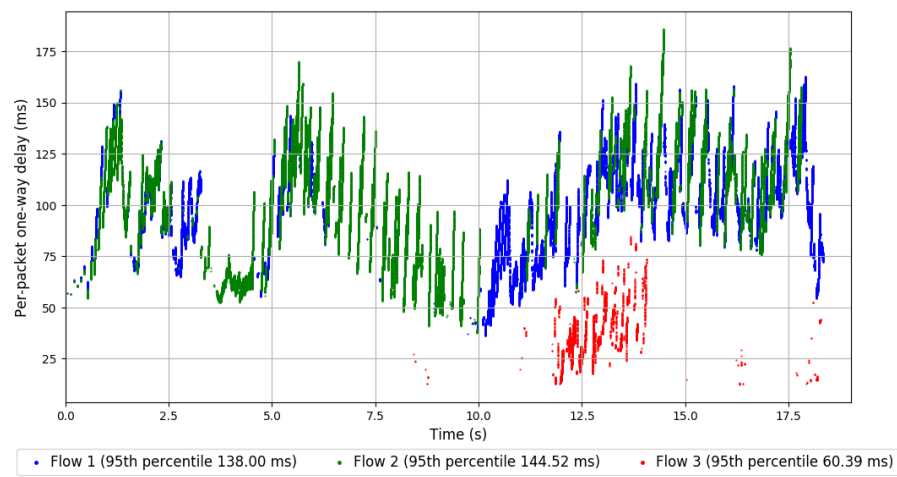
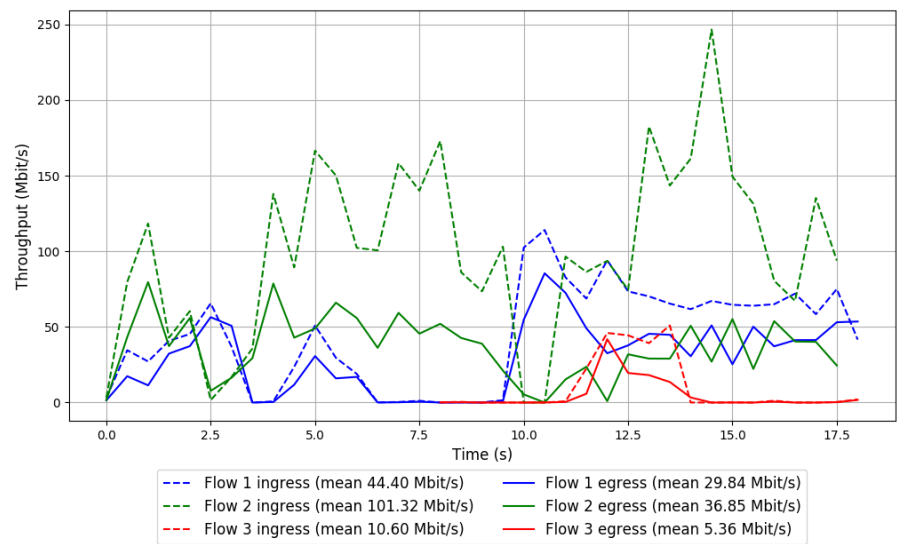
Start at: 2017-09-18 05:32:05

End at: 2017-09-18 05:32:35

Local clock offset: 0.743 ms

Remote clock offset: -3.446 ms

Run 7: Report of Verus — Data Link

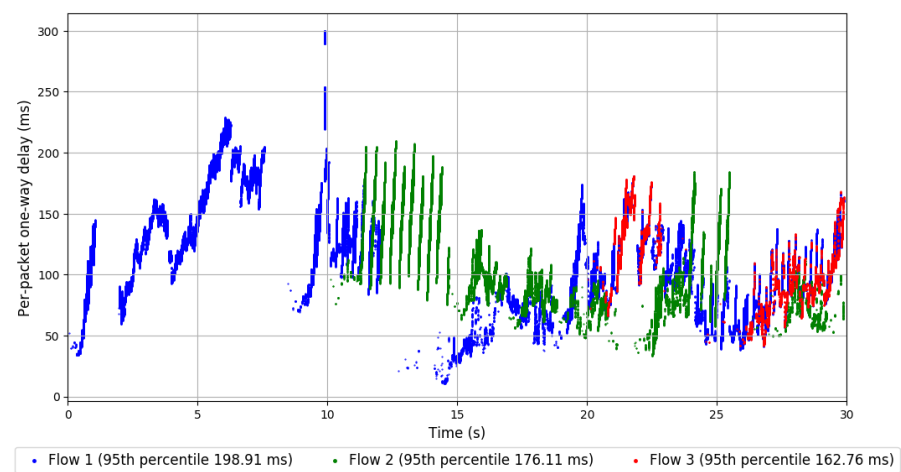
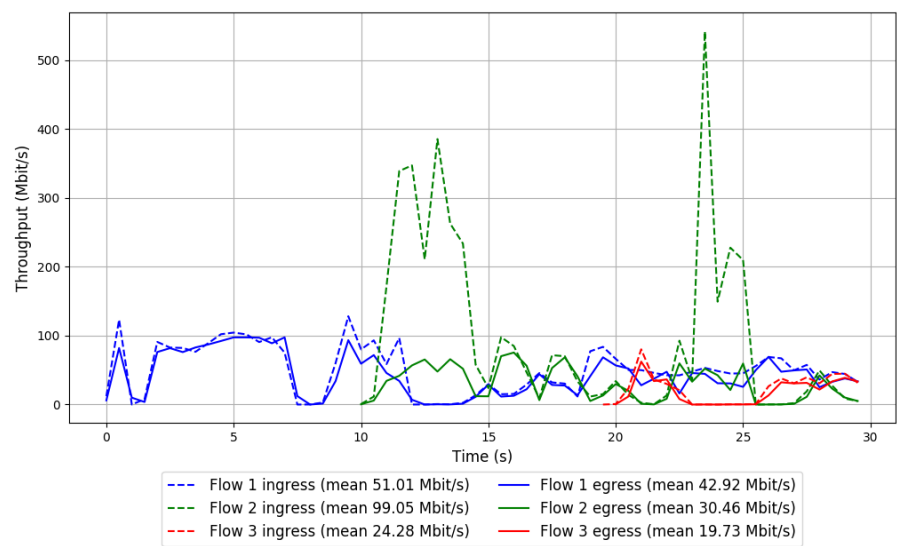


Run 8: Statistics of Verus

Start at: 2017-09-18 05:51:53
End at: 2017-09-18 05:52:23
Local clock offset: 2.543 ms
Remote clock offset: -4.329 ms

Below is generated by plot.py at 2017-09-18 07:33:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 69.62 Mbit/s
95th percentile per-packet one-way delay: 193.388 ms
Loss rate: 44.17%
-- Flow 1:
Average throughput: 42.92 Mbit/s
95th percentile per-packet one-way delay: 198.909 ms
Loss rate: 15.80%
-- Flow 2:
Average throughput: 30.46 Mbit/s
95th percentile per-packet one-way delay: 176.110 ms
Loss rate: 69.27%
-- Flow 3:
Average throughput: 19.73 Mbit/s
95th percentile per-packet one-way delay: 162.759 ms
Loss rate: 18.91%

Run 8: Report of Verus — Data Link

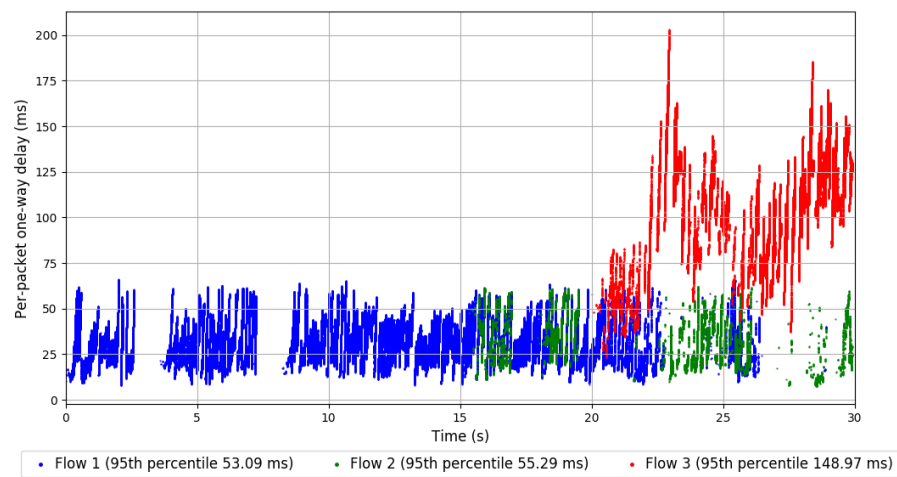
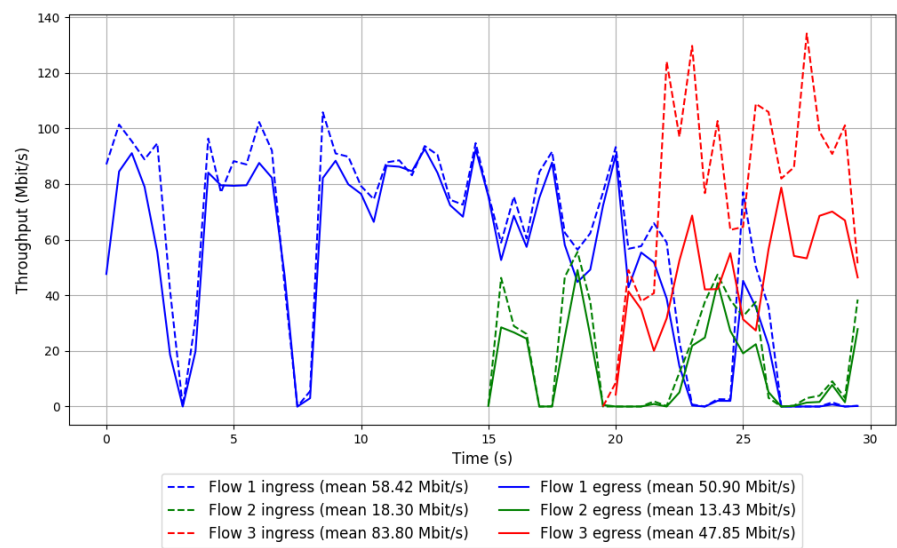


Run 9: Statistics of Verus

Start at: 2017-09-18 06:11:21
End at: 2017-09-18 06:11:51
Local clock offset: 4.316 ms
Remote clock offset: -4.672 ms

Below is generated by plot.py at 2017-09-18 07:33:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.25 Mbit/s
95th percentile per-packet one-way delay: 125.344 ms
Loss rate: 22.85%
-- Flow 1:
Average throughput: 50.90 Mbit/s
95th percentile per-packet one-way delay: 53.091 ms
Loss rate: 12.82%
-- Flow 2:
Average throughput: 13.43 Mbit/s
95th percentile per-packet one-way delay: 55.289 ms
Loss rate: 26.75%
-- Flow 3:
Average throughput: 47.85 Mbit/s
95th percentile per-packet one-way delay: 148.974 ms
Loss rate: 42.76%

Run 9: Report of Verus — Data Link

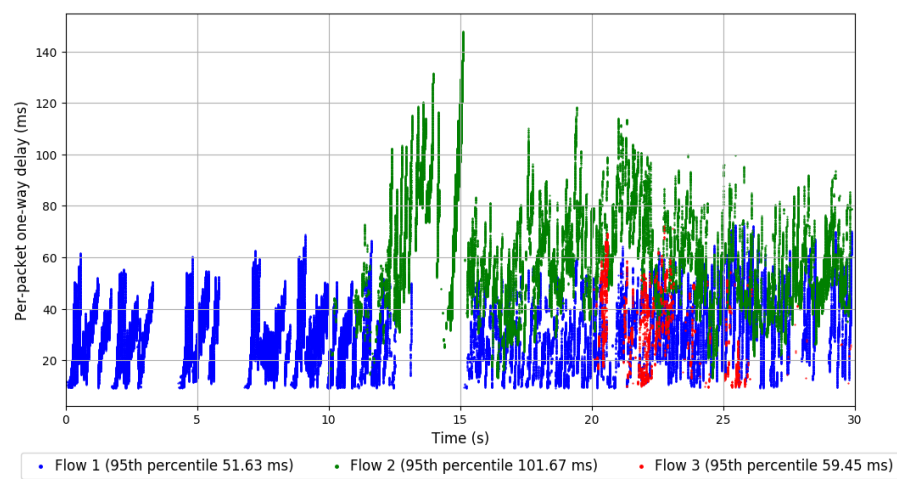
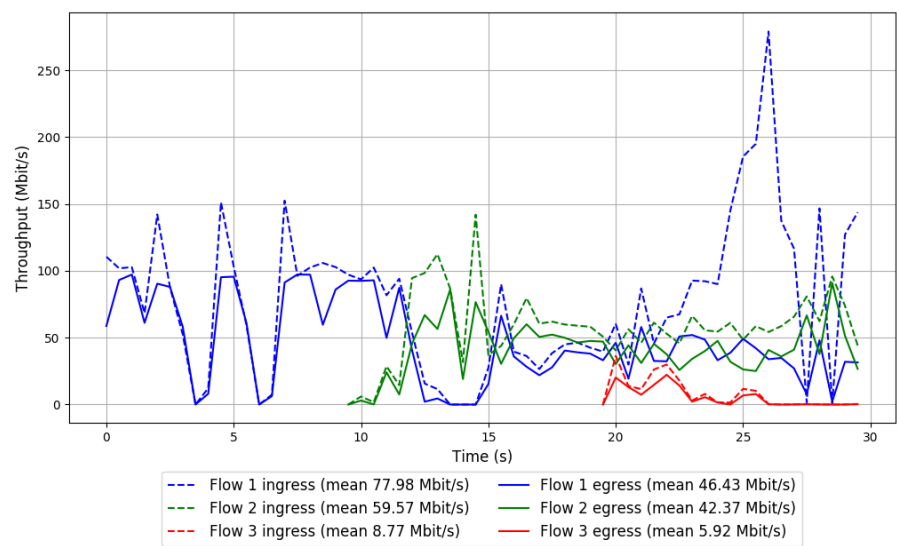


Run 10: Statistics of Verus

Start at: 2017-09-18 06:30:21
End at: 2017-09-18 06:30:51
Local clock offset: 1.605 ms
Remote clock offset: -4.324 ms

Below is generated by plot.py at 2017-09-18 07:33:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.58 Mbit/s
95th percentile per-packet one-way delay: 86.209 ms
Loss rate: 36.41%
-- Flow 1:
Average throughput: 46.43 Mbit/s
95th percentile per-packet one-way delay: 51.633 ms
Loss rate: 40.34%
-- Flow 2:
Average throughput: 42.37 Mbit/s
95th percentile per-packet one-way delay: 101.669 ms
Loss rate: 28.95%
-- Flow 3:
Average throughput: 5.92 Mbit/s
95th percentile per-packet one-way delay: 59.454 ms
Loss rate: 32.87%

Run 10: Report of Verus — Data Link

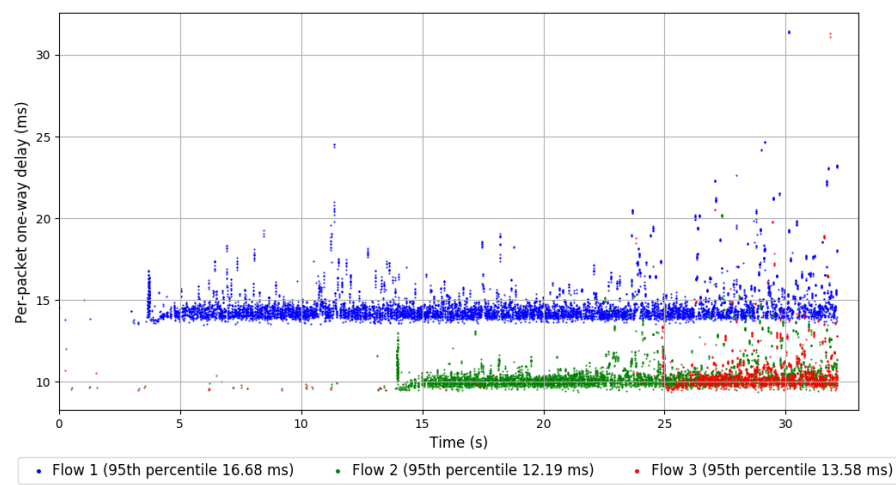
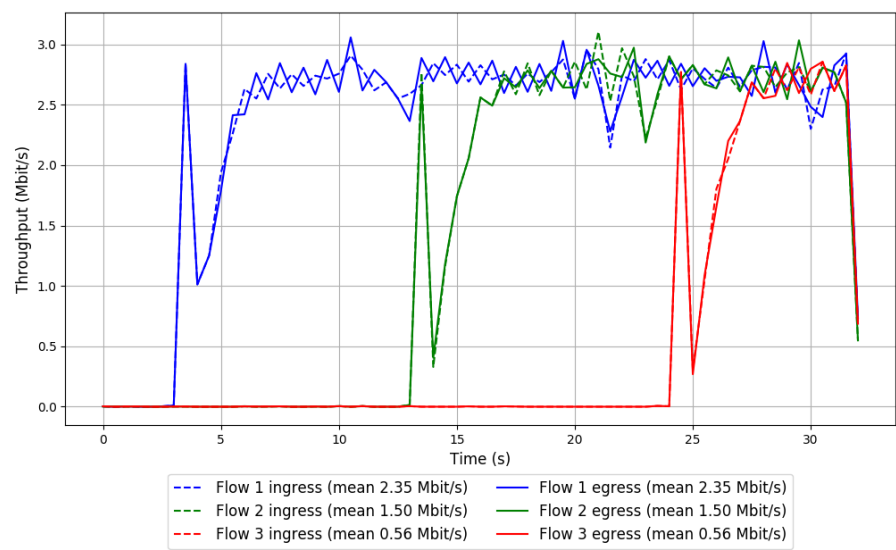


Run 1: Statistics of WebRTC media

Start at: 2017-09-18 03:36:47
End at: 2017-09-18 03:37:17
Local clock offset: -0.329 ms
Remote clock offset: -4.311 ms

Below is generated by plot.py at 2017-09-18 07:33:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.39 Mbit/s
95th percentile per-packet one-way delay: 15.868 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 16.679 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: 12.191 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 13.582 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2017-09-18 03:57:00

End at: 2017-09-18 03:57:30

Local clock offset: -2.457 ms

Remote clock offset: -4.6 ms

Below is generated by plot.py at 2017-09-18 07:33:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.38 Mbit/s

95th percentile per-packet one-way delay: 17.251 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 17.201 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.49 Mbit/s

95th percentile per-packet one-way delay: 17.764 ms

Loss rate: 0.00%

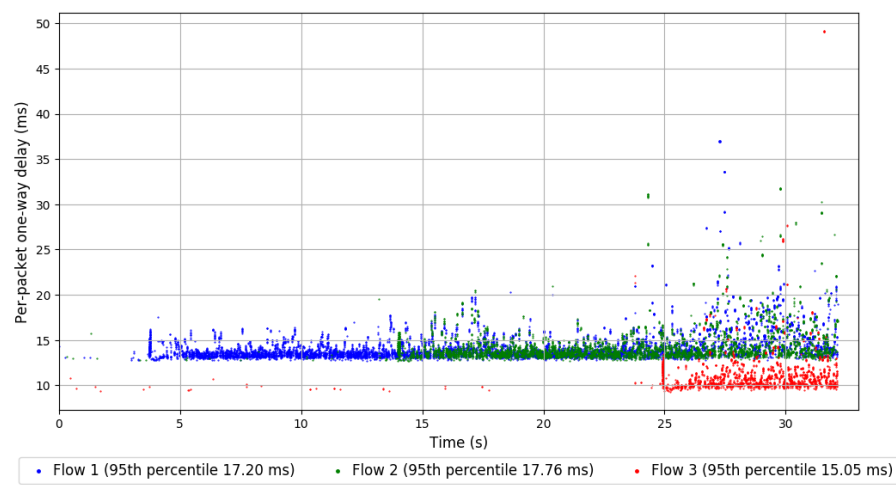
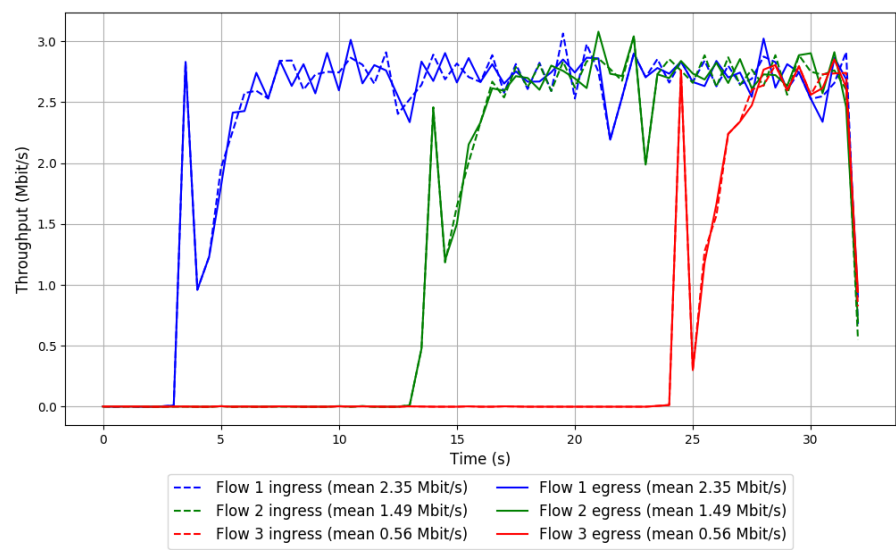
-- Flow 3:

Average throughput: 0.56 Mbit/s

95th percentile per-packet one-way delay: 15.052 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

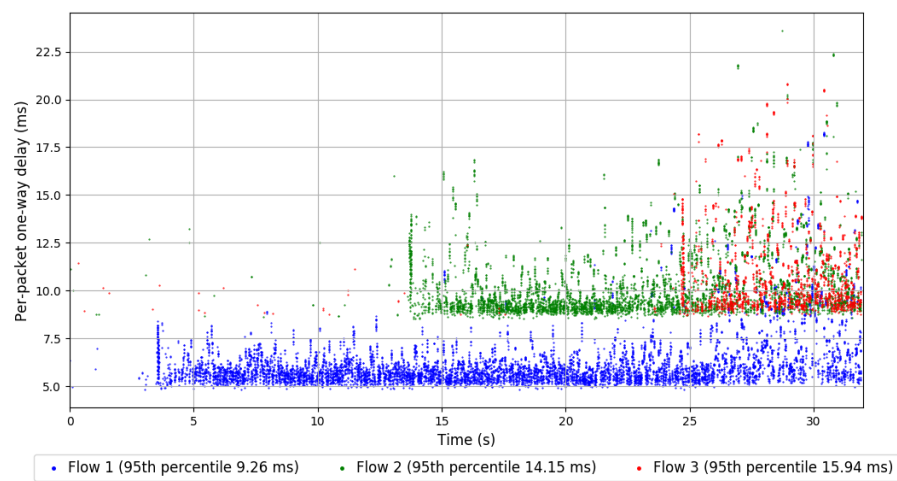
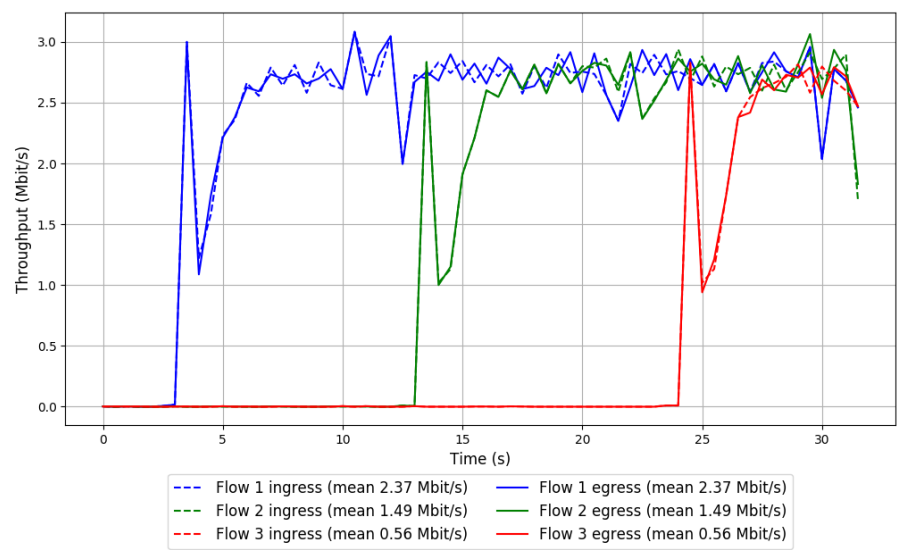


Run 3: Statistics of WebRTC media

Start at: 2017-09-18 04:15:45
End at: 2017-09-18 04:16:15
Local clock offset: 0.525 ms
Remote clock offset: -5.894 ms

Below is generated by plot.py at 2017-09-18 07:33:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.42 Mbit/s
95th percentile per-packet one-way delay: 13.324 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 9.260 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.49 Mbit/s
95th percentile per-packet one-way delay: 14.154 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 15.940 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

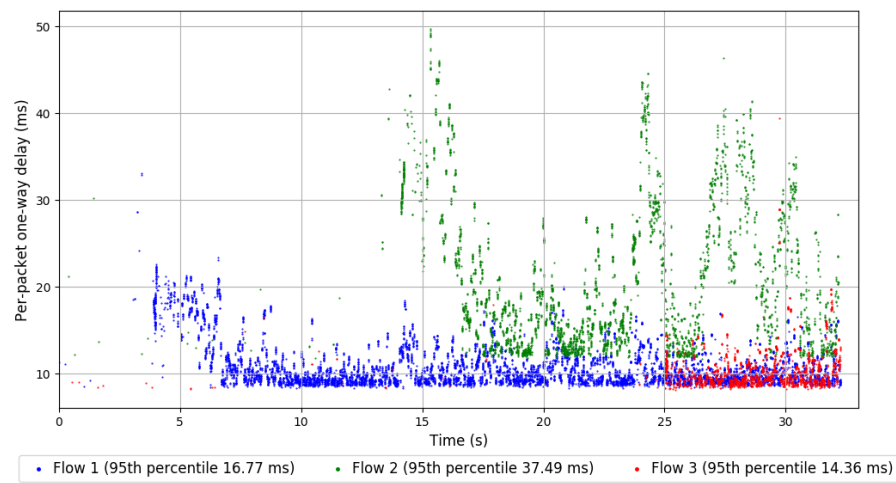
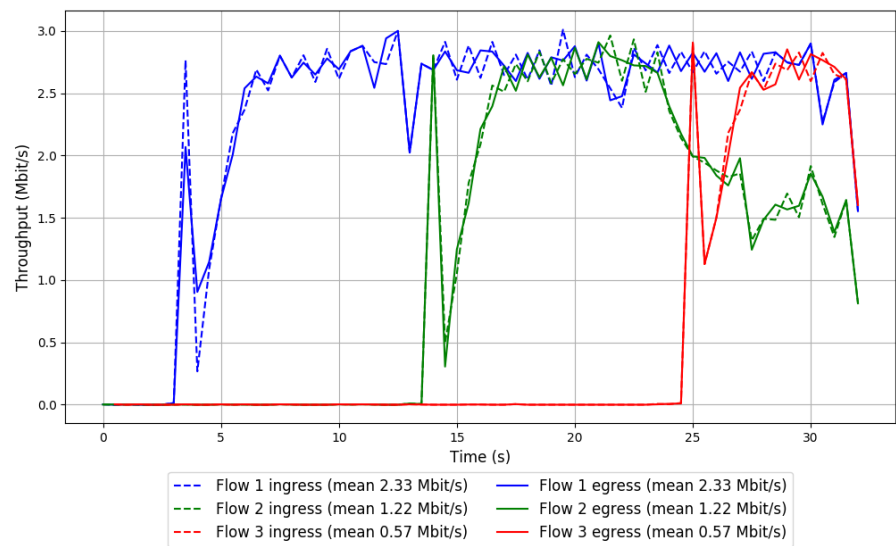


Run 4: Statistics of WebRTC media

Start at: 2017-09-18 04:35:14
End at: 2017-09-18 04:35:44
Local clock offset: -0.072 ms
Remote clock offset: -3.694 ms

Below is generated by plot.py at 2017-09-18 07:33:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.09 Mbit/s
95th percentile per-packet one-way delay: 29.778 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 16.770 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.22 Mbit/s
95th percentile per-packet one-way delay: 37.487 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 14.358 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

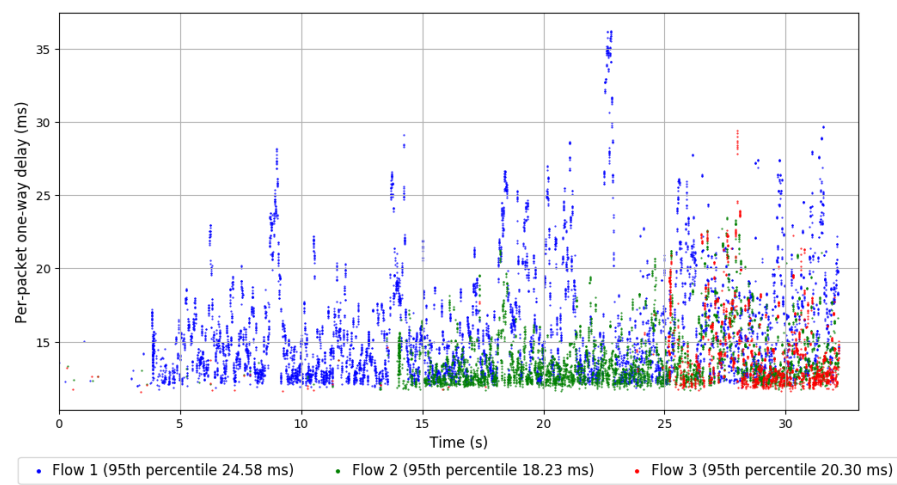
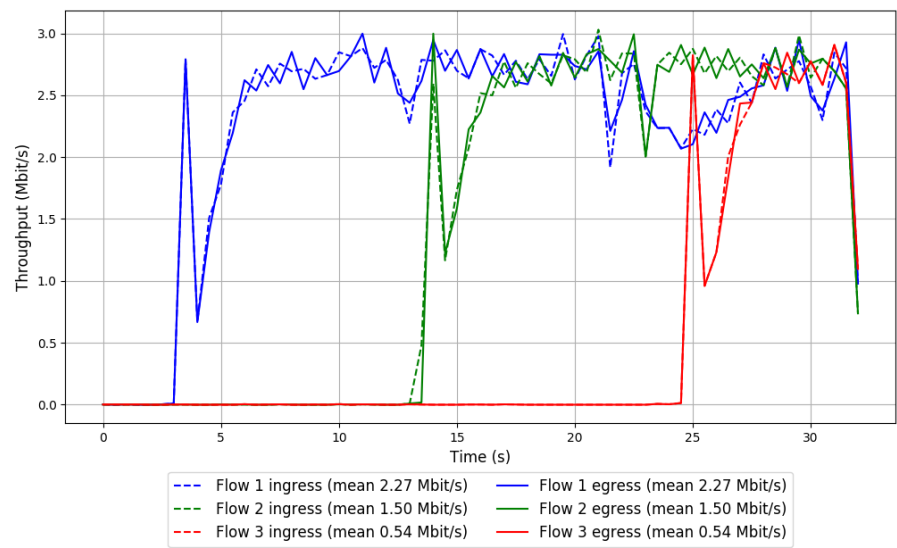


Run 5: Statistics of WebRTC media

Start at: 2017-09-18 04:54:42
End at: 2017-09-18 04:55:12
Local clock offset: -2.557 ms
Remote clock offset: -2.888 ms

Below is generated by plot.py at 2017-09-18 07:33:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.29 Mbit/s
95th percentile per-packet one-way delay: 22.371 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 24.581 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: 18.229 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.54 Mbit/s
95th percentile per-packet one-way delay: 20.296 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2017-09-18 05:14:25

End at: 2017-09-18 05:14:55

Local clock offset: -1.117 ms

Remote clock offset: -4.1 ms

Below is generated by plot.py at 2017-09-18 07:33:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.25 Mbit/s

95th percentile per-packet one-way delay: 65.827 ms

Loss rate: 0.84%

-- Flow 1:

Average throughput: 2.91 Mbit/s

95th percentile per-packet one-way delay: 25.522 ms

Loss rate: 1.22%

-- Flow 2:

Average throughput: 0.77 Mbit/s

95th percentile per-packet one-way delay: 78.230 ms

Loss rate: 0.00%

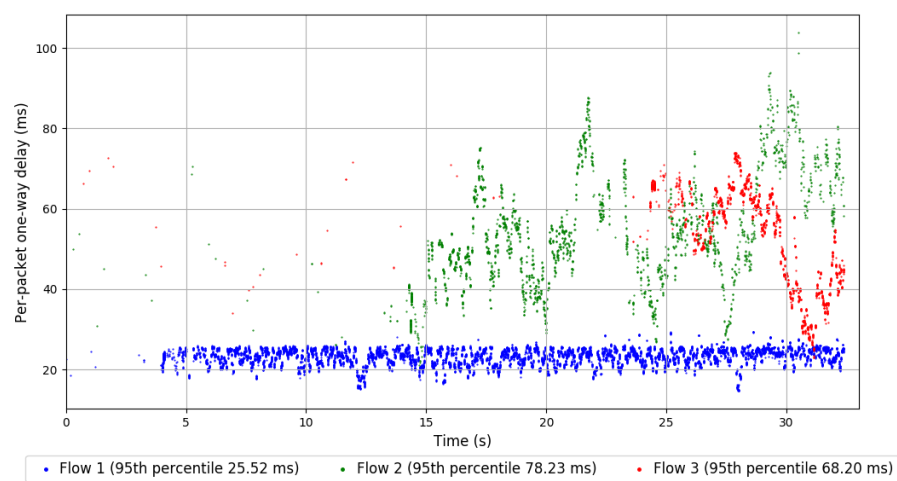
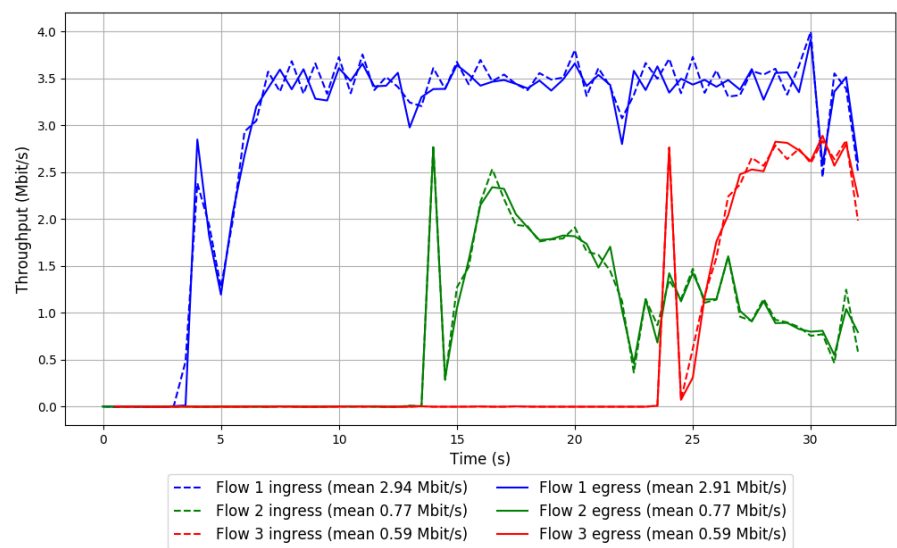
-- Flow 3:

Average throughput: 0.59 Mbit/s

95th percentile per-packet one-way delay: 68.202 ms

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

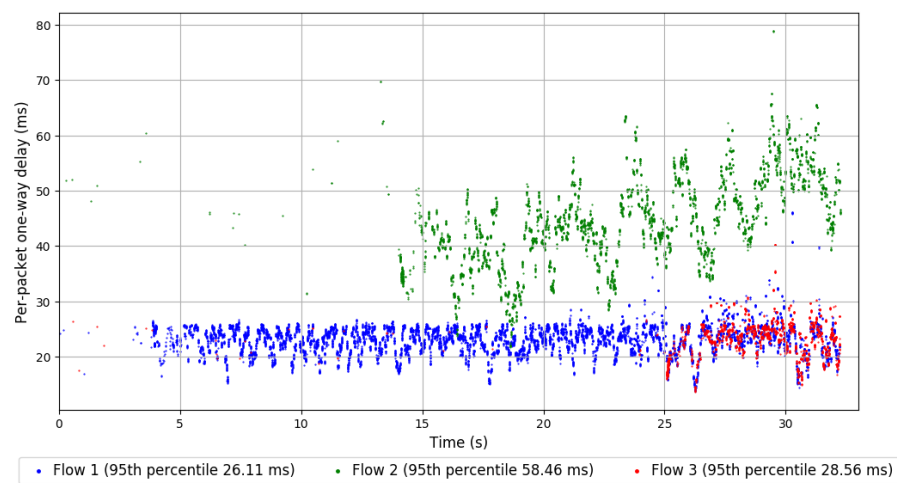
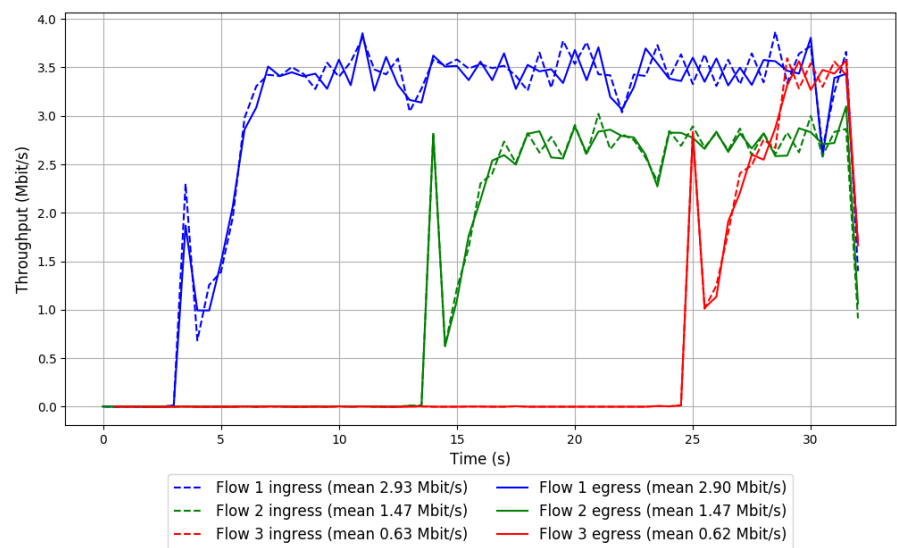


Run 7: Statistics of WebRTC media

Start at: 2017-09-18 05:34:33
End at: 2017-09-18 05:35:03
Local clock offset: 0.255 ms
Remote clock offset: -3.083 ms

Below is generated by plot.py at 2017-09-18 07:33:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.96 Mbit/s
95th percentile per-packet one-way delay: 52.978 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 2.90 Mbit/s
95th percentile per-packet one-way delay: 26.110 ms
Loss rate: 1.04%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: 58.463 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: 28.564 ms
Loss rate: 0.42%

Run 7: Report of WebRTC media — Data Link

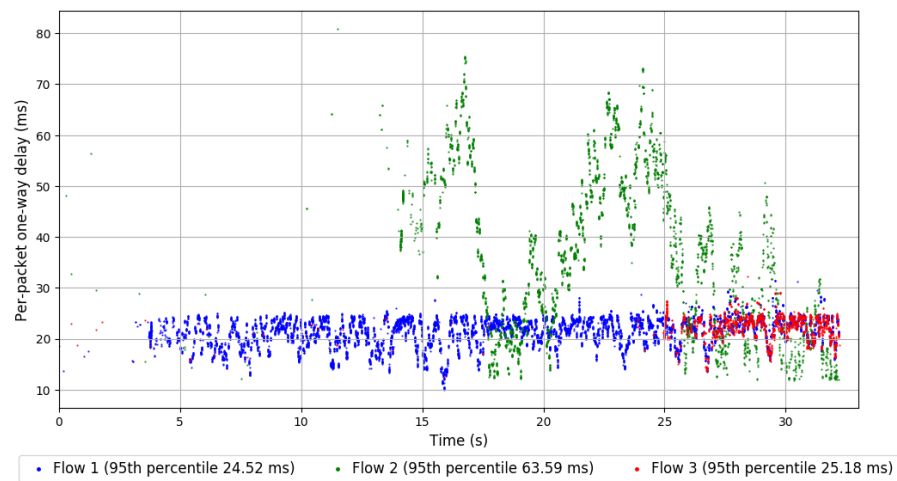
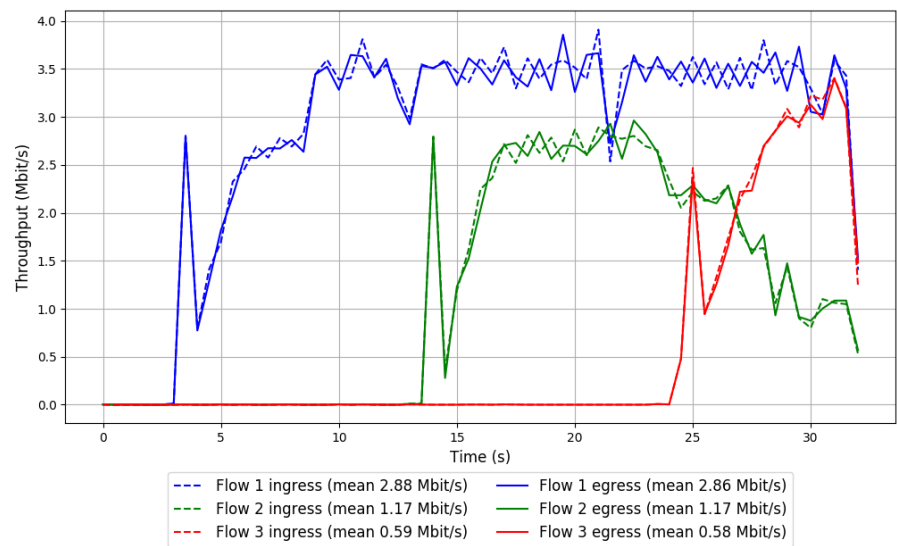


Run 8: Statistics of WebRTC media

Start at: 2017-09-18 05:54:33
End at: 2017-09-18 05:55:03
Local clock offset: 1.707 ms
Remote clock offset: -3.798 ms

Below is generated by plot.py at 2017-09-18 07:33:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.60 Mbit/s
95th percentile per-packet one-way delay: 53.315 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 2.86 Mbit/s
95th percentile per-packet one-way delay: 24.523 ms
Loss rate: 0.71%
-- Flow 2:
Average throughput: 1.17 Mbit/s
95th percentile per-packet one-way delay: 63.591 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 25.185 ms
Loss rate: 1.11%

Run 8: Report of WebRTC media — Data Link

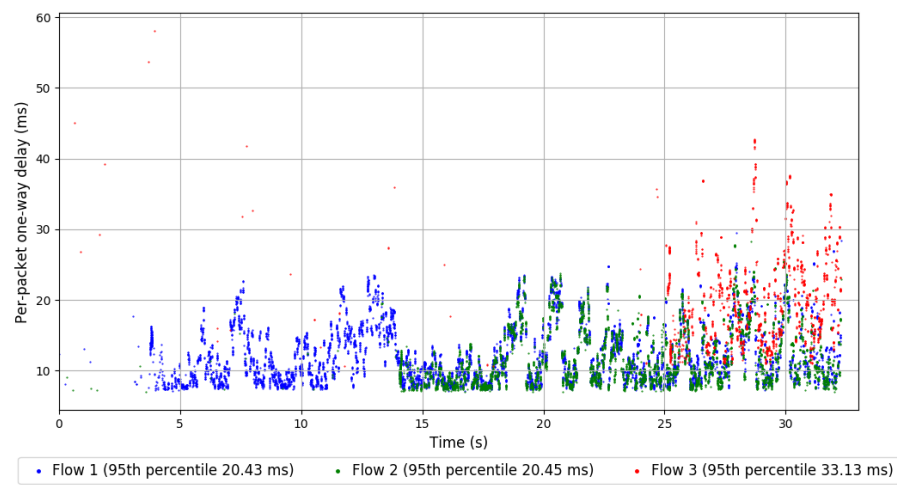
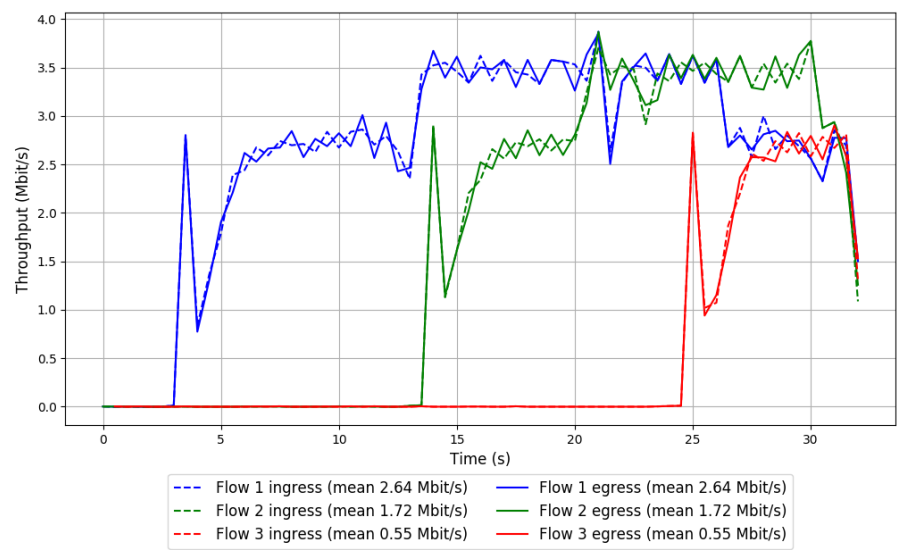


Run 9: Statistics of WebRTC media

Start at: 2017-09-18 06:13:49
End at: 2017-09-18 06:14:19
Local clock offset: 3.071 ms
Remote clock offset: -4.403 ms

Below is generated by plot.py at 2017-09-18 07:33:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.88 Mbit/s
95th percentile per-packet one-way delay: 22.372 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 2.64 Mbit/s
95th percentile per-packet one-way delay: 20.426 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 1.72 Mbit/s
95th percentile per-packet one-way delay: 20.448 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 0.55 Mbit/s
95th percentile per-packet one-way delay: 33.131 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2017-09-18 06:32:42
End at: 2017-09-18 06:33:12
Local clock offset: 4.996 ms
Remote clock offset: -3.737 ms

Below is generated by plot.py at 2017-09-18 07:33:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.83 Mbit/s
95th percentile per-packet one-way delay: 38.757 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.94 Mbit/s
95th percentile per-packet one-way delay: 48.973 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.29 Mbit/s
95th percentile per-packet one-way delay: 28.767 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.63 Mbit/s
95th percentile per-packet one-way delay: 11.300 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

