

Pantheon Report

Generated at 2017-09-08 07:48:01 (UTC).

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

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).

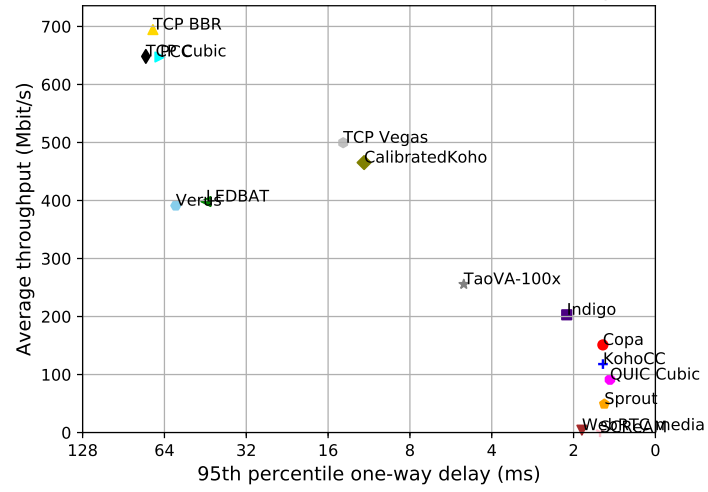
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

NTP offsets were measured against `time.stanford.edu` and have been applied to correct the timestamps in logs.

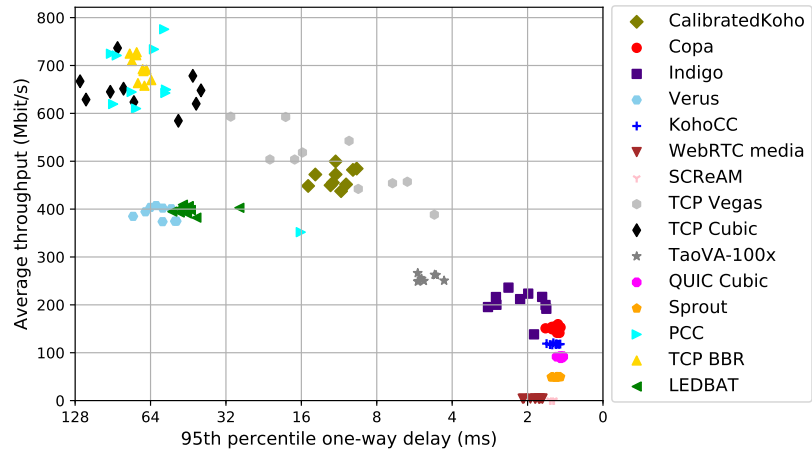
Git summary:

```
branch: master @ 2a98508c2457474d84cd2966a42b80b0bc62ecaf
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ f7ca42f251bf49b432bb71de6d13fa903515c366
third_party/indigo @ 10192113fb6902d25c86e0e3e4c85d7a05e43d7e
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
  M scripts/merge-tunnel-logs
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ 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 Stanford Ethernet to AWS California 1 Ethernet, 10 runs of 30s each per scheme
3 flows with 10s interval between flows (mean of all runs by scheme)



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



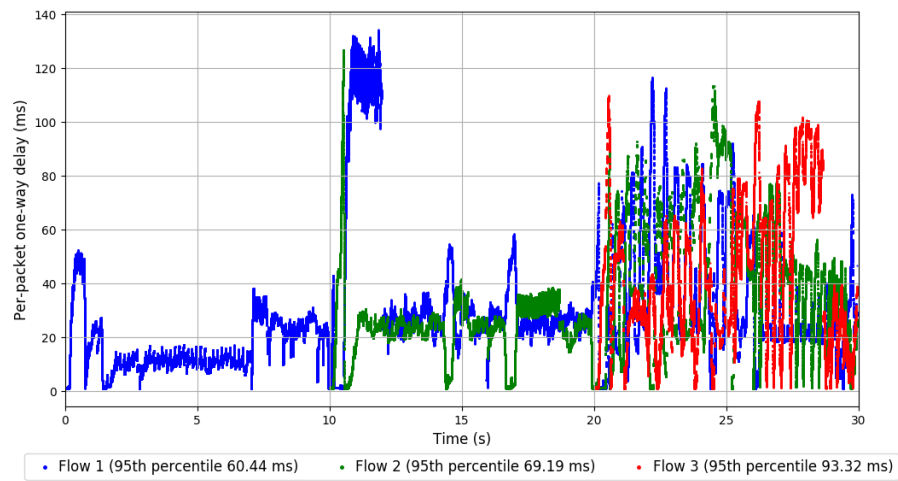
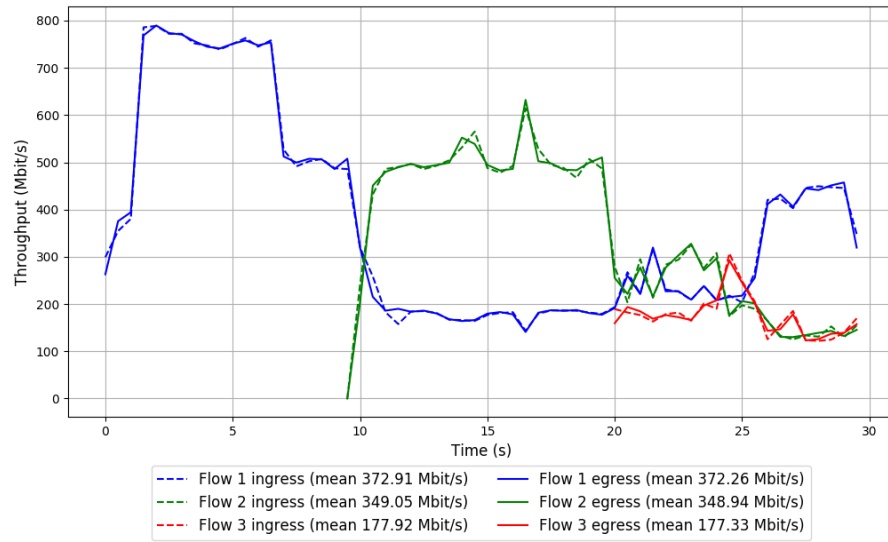
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	388.91	342.91	234.35	57.92	74.50	86.94	0.11	0.21	0.59
CalibratedKoho	10	277.12	214.15	138.17	10.49	12.67	15.43	0.06	0.09	0.28
Copa	10	80.97	78.83	69.41	1.26	1.22	1.74	0.05	0.09	0.19
TCP Cubic	10	377.00	294.36	227.89	48.16	67.83	131.38	0.11	0.21	0.65
Indigo	10	108.67	85.53	113.93	1.62	2.12	2.84	0.04	0.07	0.16
KohoCC	10	59.10	59.43	59.05	1.24	1.30	1.41	0.07	0.10	0.20
LEDBAT	10	236.19	179.60	128.57	37.04	57.96	43.98	0.12	0.24	0.55
PCC	10	447.30	222.47	159.31	69.19	32.18	16.99	4.02	0.95	0.73
QUIC Cubic	10	53.96	39.95	33.15	1.11	1.11	1.12	0.06	0.07	0.23
SCReAM	4	0.22	0.22	0.22	1.37	1.34	1.33	0.07	0.00	0.09
Sprout	10	24.75	24.72	24.44	1.24	1.27	1.28	0.05	0.13	0.29
TaoVA-100x	8	147.30	118.08	115.50	4.43	5.91	5.55	0.06	0.10	0.27
TCP Vegas	10	245.84	263.76	236.36	10.01	14.43	15.10	0.06	0.08	0.23
Verus	10	235.99	169.78	129.57	55.58	60.95	55.81	1.25	0.49	2.08
WebRTC media	10	2.31	1.41	0.43	1.70	1.95	1.86	0.09	0.18	0.11

Run 1: Statistics of TCP BBR

Start at: 2017-09-07 22:05:00
End at: 2017-09-07 22:05:30
Local clock offset: 0.963 ms
Remote clock offset: -2.433 ms

Below is generated by plot.py at 2017-09-08 06:53:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 663.24 Mbit/s
95th percentile per-packet one-way delay: 71.858 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 372.26 Mbit/s
95th percentile per-packet one-way delay: 60.437 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 348.94 Mbit/s
95th percentile per-packet one-way delay: 69.188 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 177.33 Mbit/s
95th percentile per-packet one-way delay: 93.319 ms
Loss rate: 0.53%

Run 1: Report of TCP BBR — Data Link

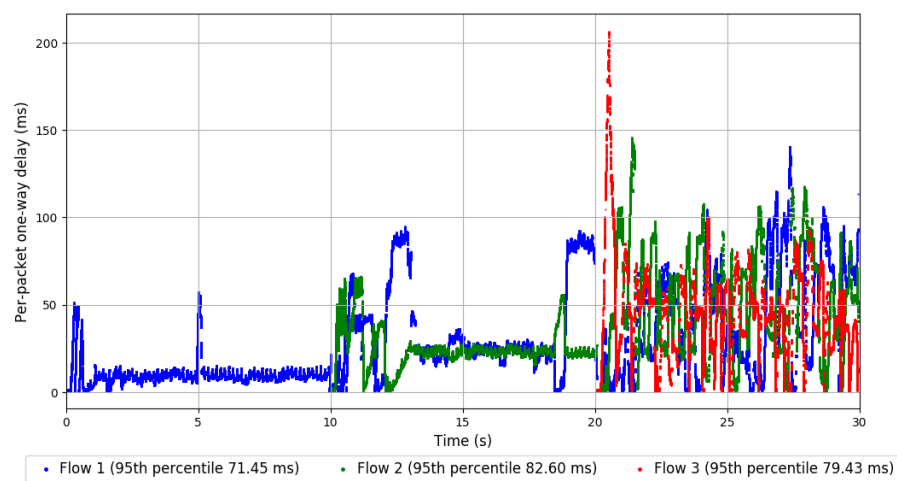
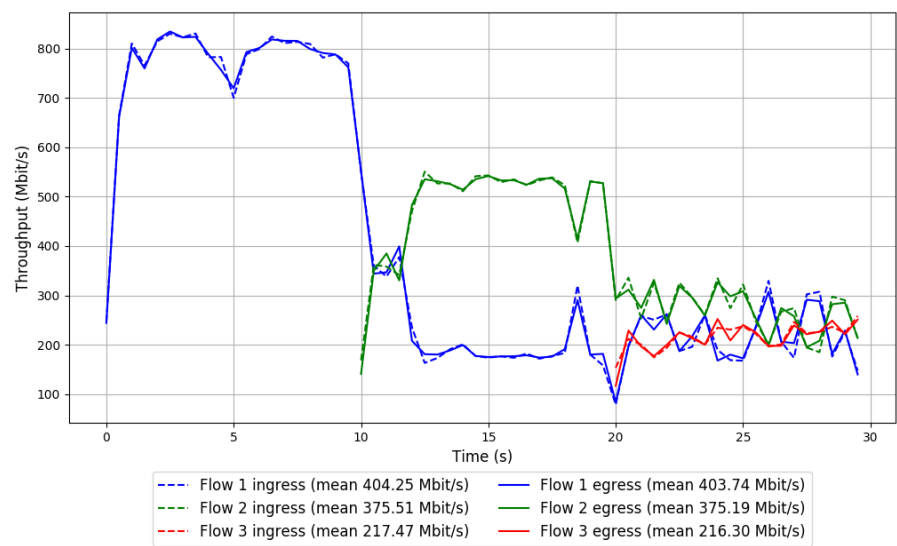


Run 2: Statistics of TCP BBR

Start at: 2017-09-07 22:26:59
End at: 2017-09-07 22:27:29
Local clock offset: 1.078 ms
Remote clock offset: -1.632 ms

Below is generated by plot.py at 2017-09-08 06:54:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 724.85 Mbit/s
95th percentile per-packet one-way delay: 77.484 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 403.74 Mbit/s
95th percentile per-packet one-way delay: 71.449 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 375.19 Mbit/s
95th percentile per-packet one-way delay: 82.600 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 216.30 Mbit/s
95th percentile per-packet one-way delay: 79.430 ms
Loss rate: 0.57%

Run 2: Report of TCP BBR — Data Link

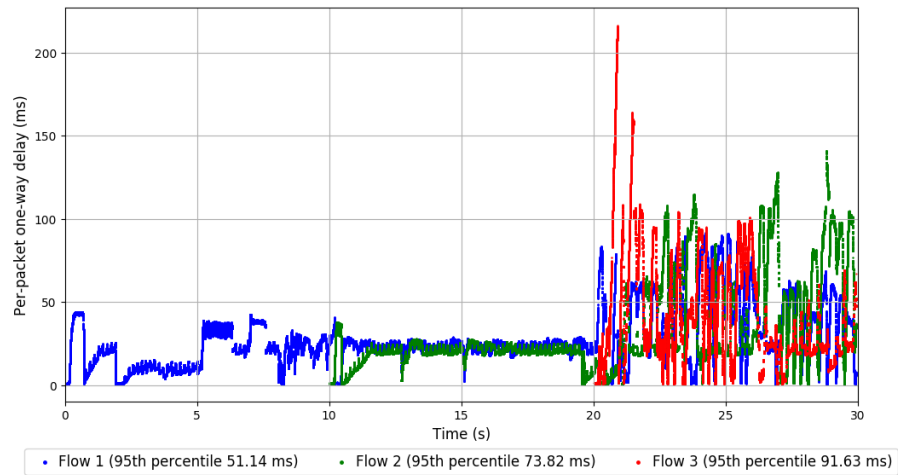
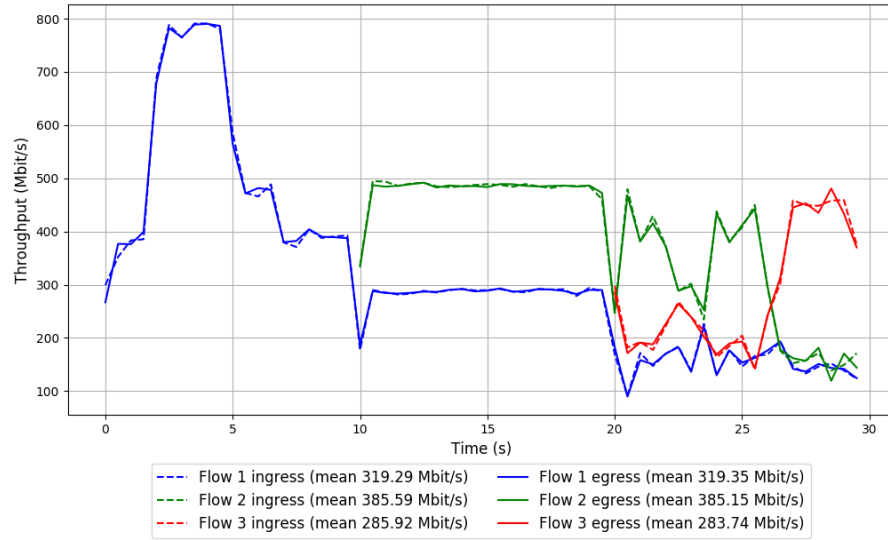


Run 3: Statistics of TCP BBR

Start at: 2017-09-07 22:49:07
End at: 2017-09-07 22:49:37
Local clock offset: 1.03 ms
Remote clock offset: -1.499 ms

Below is generated by plot.py at 2017-09-08 06:55:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 669.51 Mbit/s
95th percentile per-packet one-way delay: 63.581 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 319.35 Mbit/s
95th percentile per-packet one-way delay: 51.142 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 385.15 Mbit/s
95th percentile per-packet one-way delay: 73.820 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 283.74 Mbit/s
95th percentile per-packet one-way delay: 91.631 ms
Loss rate: 0.77%

Run 3: Report of TCP BBR — Data Link

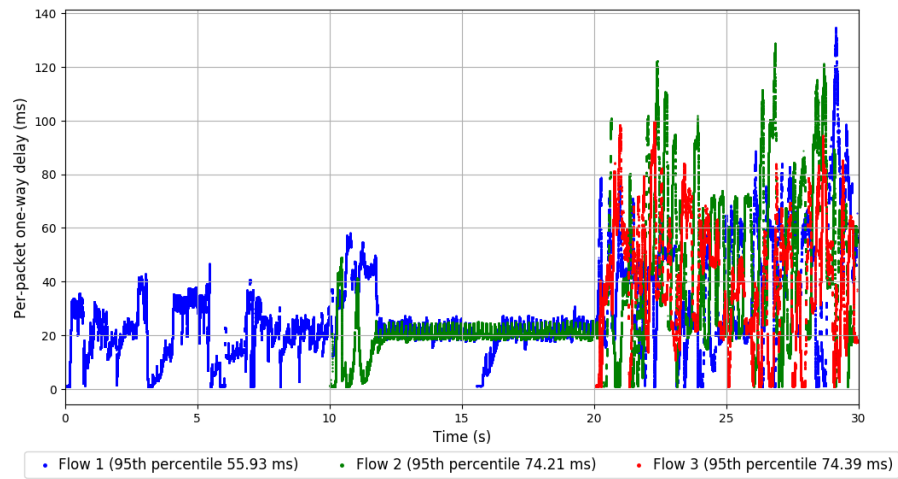
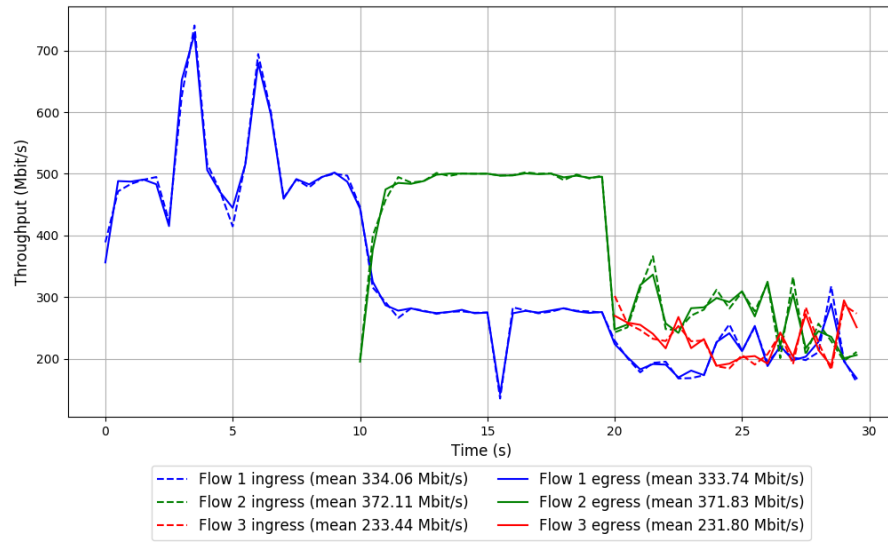


Run 4: Statistics of TCP BBR

Start at: 2017-09-07 23:11:18
End at: 2017-09-07 23:11:48
Local clock offset: 1.024 ms
Remote clock offset: -1.205 ms

Below is generated by plot.py at 2017-09-08 06:55:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 657.82 Mbit/s
95th percentile per-packet one-way delay: 67.692 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 333.74 Mbit/s
95th percentile per-packet one-way delay: 55.931 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 371.83 Mbit/s
95th percentile per-packet one-way delay: 74.210 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 231.80 Mbit/s
95th percentile per-packet one-way delay: 74.394 ms
Loss rate: 0.73%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2017-09-07 23:33:19

End at: 2017-09-07 23:33:49

Local clock offset: 0.922 ms

Remote clock offset: -1.05 ms

Below is generated by plot.py at 2017-09-08 06:56:49

Datalink statistics

-- Total of 3 flows:

Average throughput: 692.27 Mbit/s

95th percentile per-packet one-way delay: 68.788 ms

Loss rate: 0.18%

-- Flow 1:

Average throughput: 347.54 Mbit/s

95th percentile per-packet one-way delay: 53.982 ms

Loss rate: 0.06%

-- Flow 2:

Average throughput: 356.22 Mbit/s

95th percentile per-packet one-way delay: 66.694 ms

Loss rate: 0.20%

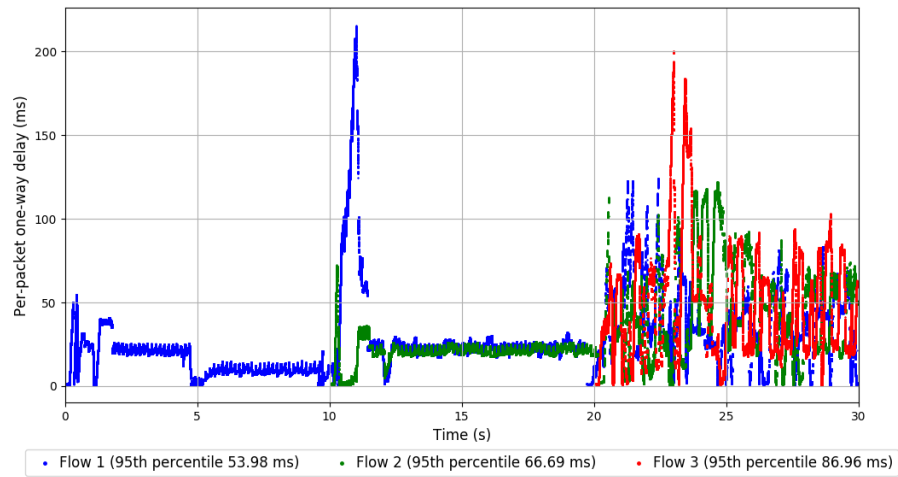
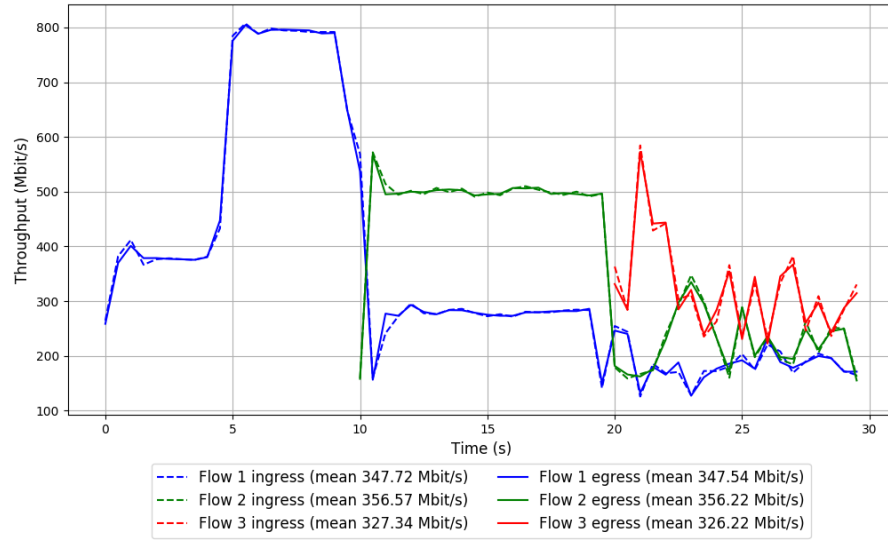
-- Flow 3:

Average throughput: 326.22 Mbit/s

95th percentile per-packet one-way delay: 86.956 ms

Loss rate: 0.52%

Run 5: Report of TCP BBR — Data Link

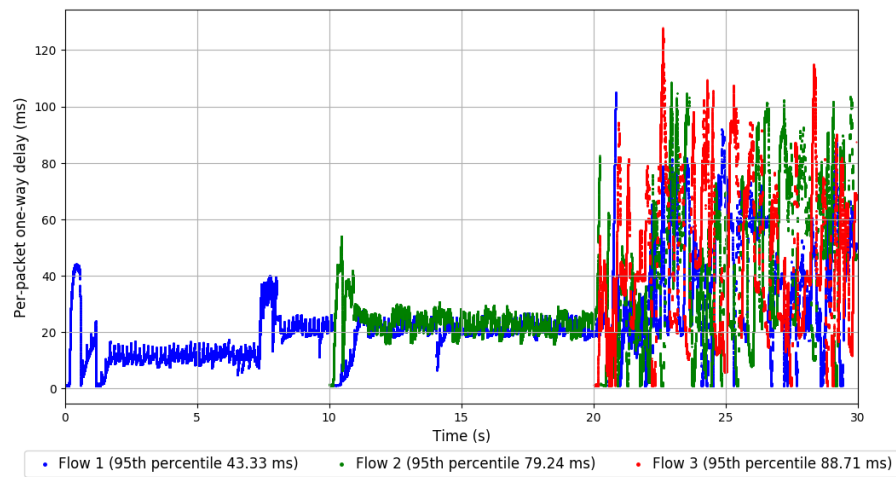
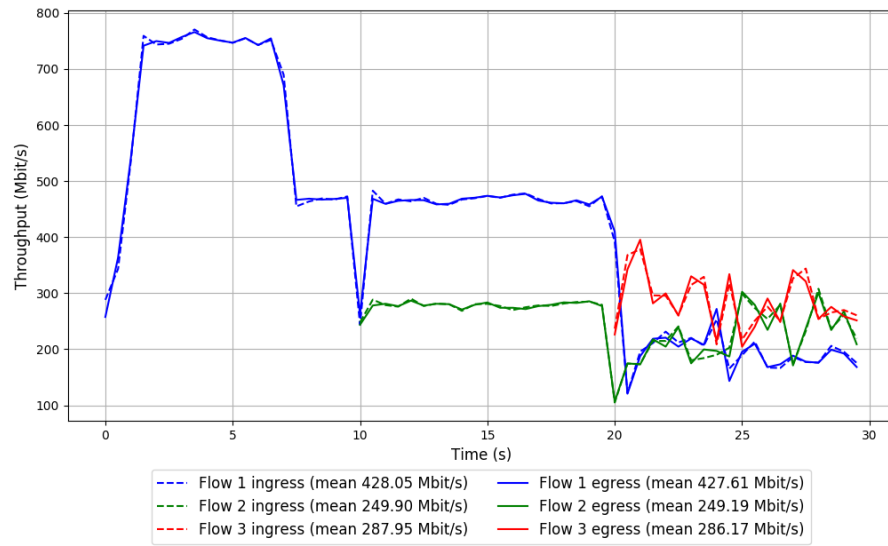


Run 6: Statistics of TCP BBR

Start at: 2017-09-07 23:55:22
End at: 2017-09-07 23:55:52
Local clock offset: 0.846 ms
Remote clock offset: -1.314 ms

Below is generated by plot.py at 2017-09-08 06:56:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 688.34 Mbit/s
95th percentile per-packet one-way delay: 68.225 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 427.61 Mbit/s
95th percentile per-packet one-way delay: 43.330 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 249.19 Mbit/s
95th percentile per-packet one-way delay: 79.243 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 286.17 Mbit/s
95th percentile per-packet one-way delay: 88.708 ms
Loss rate: 0.62%

Run 6: Report of TCP BBR — Data Link

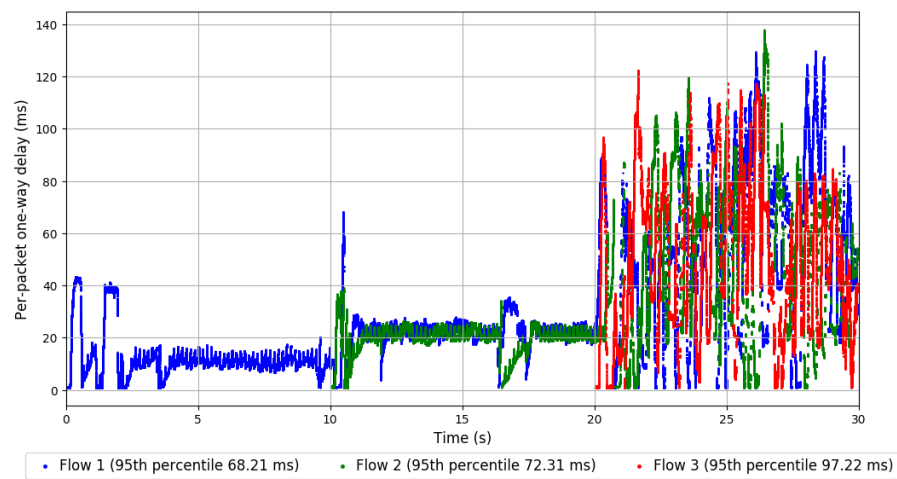
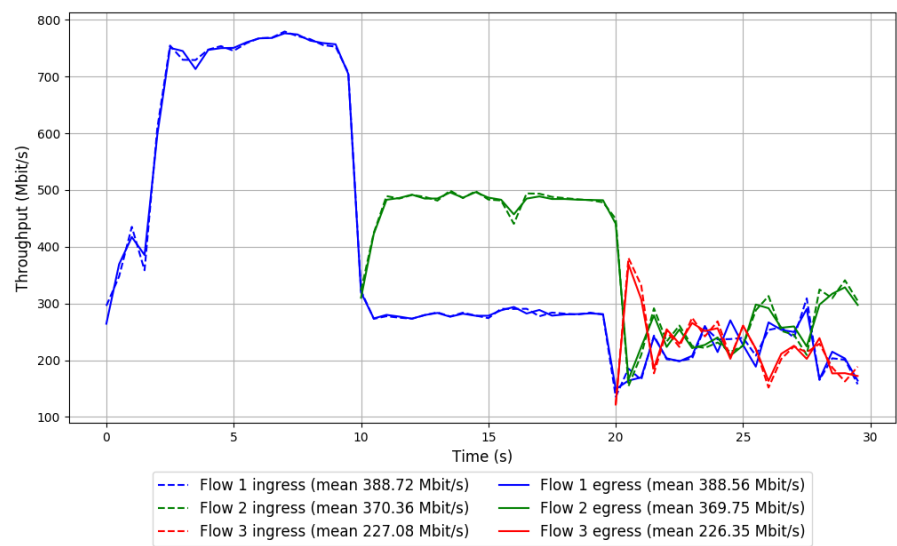


Run 7: Statistics of TCP BBR

Start at: 2017-09-08 00:17:22
End at: 2017-09-08 00:17:52
Local clock offset: 0.798 ms
Remote clock offset: -1.227 ms

Below is generated by plot.py at 2017-09-08 06:58:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 709.53 Mbit/s
95th percentile per-packet one-way delay: 75.921 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 388.56 Mbit/s
95th percentile per-packet one-way delay: 68.209 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 369.75 Mbit/s
95th percentile per-packet one-way delay: 72.311 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 226.35 Mbit/s
95th percentile per-packet one-way delay: 97.223 ms
Loss rate: 0.52%

Run 7: Report of TCP BBR — Data Link

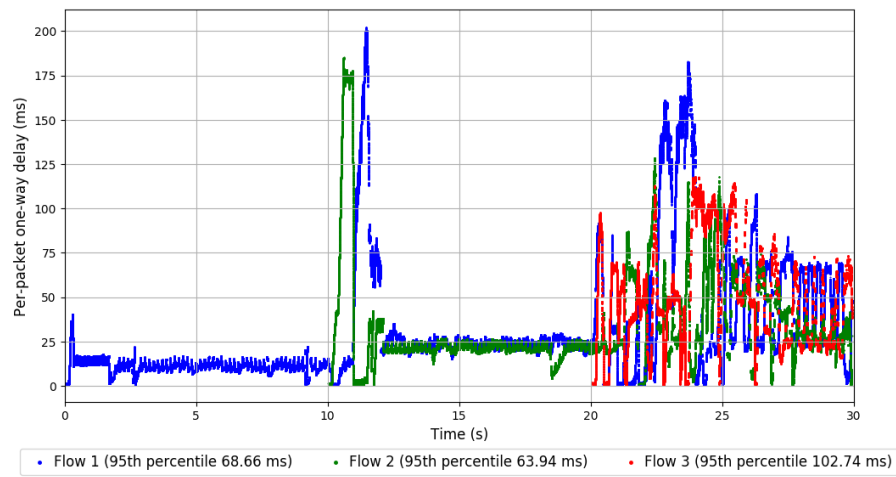
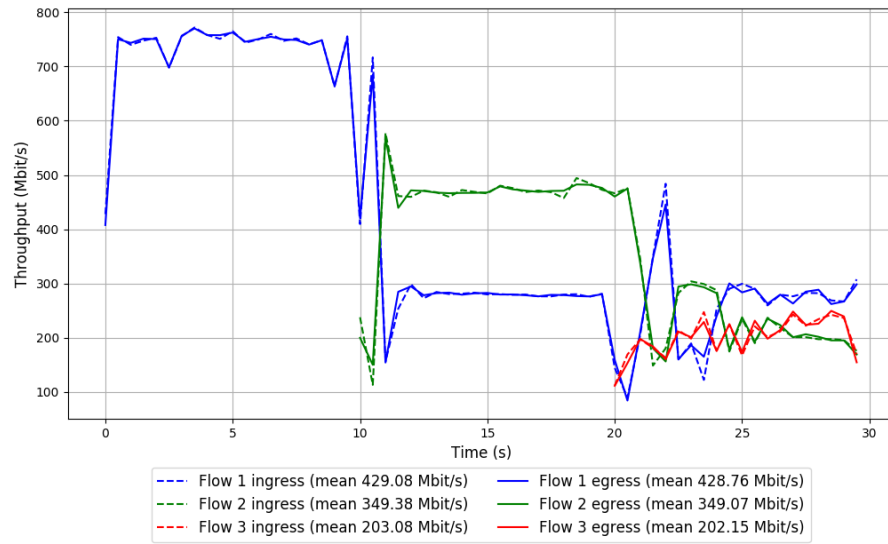


Run 8: Statistics of TCP BBR

Start at: 2017-09-08 00:39:26
End at: 2017-09-08 00:39:56
Local clock offset: 0.846 ms
Remote clock offset: -1.389 ms

Below is generated by plot.py at 2017-09-08 06:58:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 727.81 Mbit/s
95th percentile per-packet one-way delay: 72.706 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 428.76 Mbit/s
95th percentile per-packet one-way delay: 68.658 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 349.07 Mbit/s
95th percentile per-packet one-way delay: 63.942 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 202.15 Mbit/s
95th percentile per-packet one-way delay: 102.744 ms
Loss rate: 0.62%

Run 8: Report of TCP BBR — Data Link

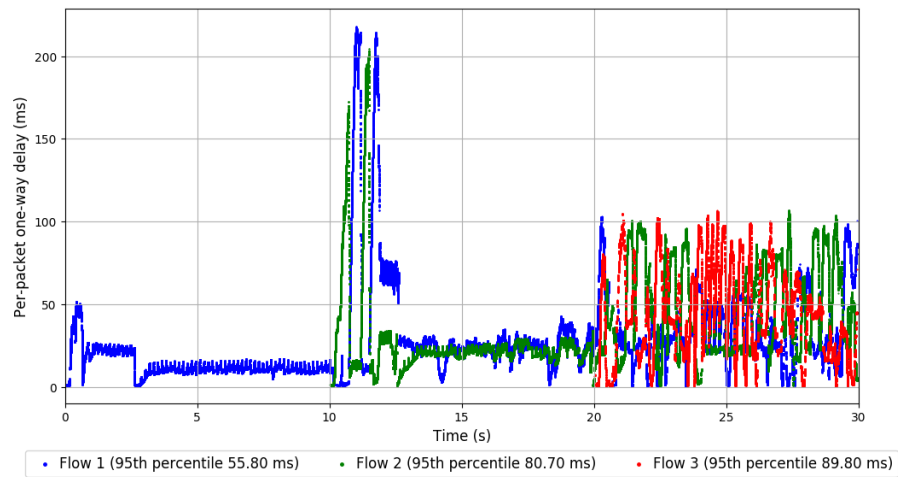
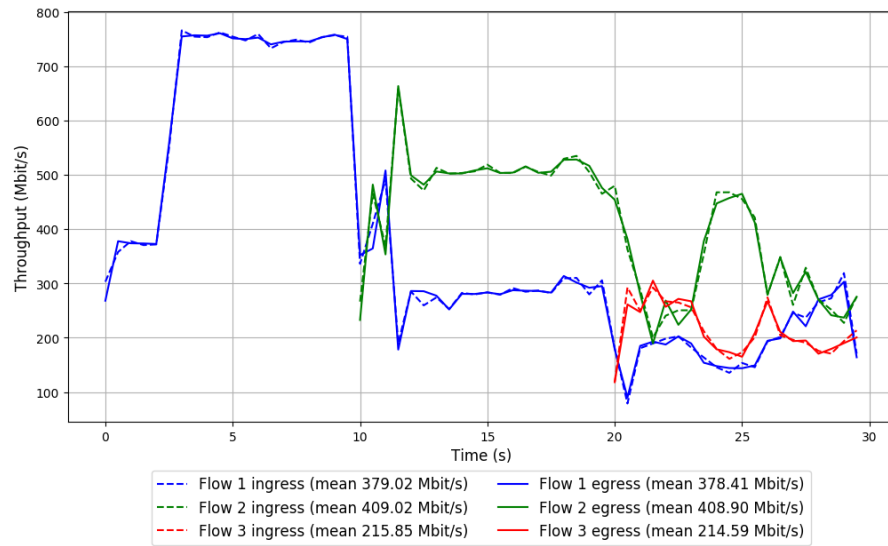


Run 9: Statistics of TCP BBR

Start at: 2017-09-08 01:01:31
End at: 2017-09-08 01:02:01
Local clock offset: 0.919 ms
Remote clock offset: -0.962 ms

Below is generated by plot.py at 2017-09-08 06:59:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 721.51 Mbit/s
95th percentile per-packet one-way delay: 72.981 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 378.41 Mbit/s
95th percentile per-packet one-way delay: 55.797 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 408.90 Mbit/s
95th percentile per-packet one-way delay: 80.699 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 214.59 Mbit/s
95th percentile per-packet one-way delay: 89.802 ms
Loss rate: 0.58%

Run 9: Report of TCP BBR — Data Link

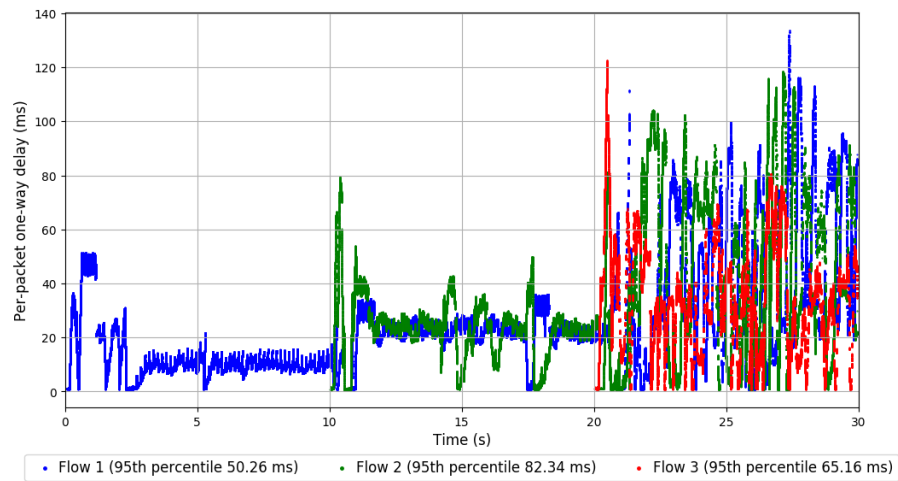
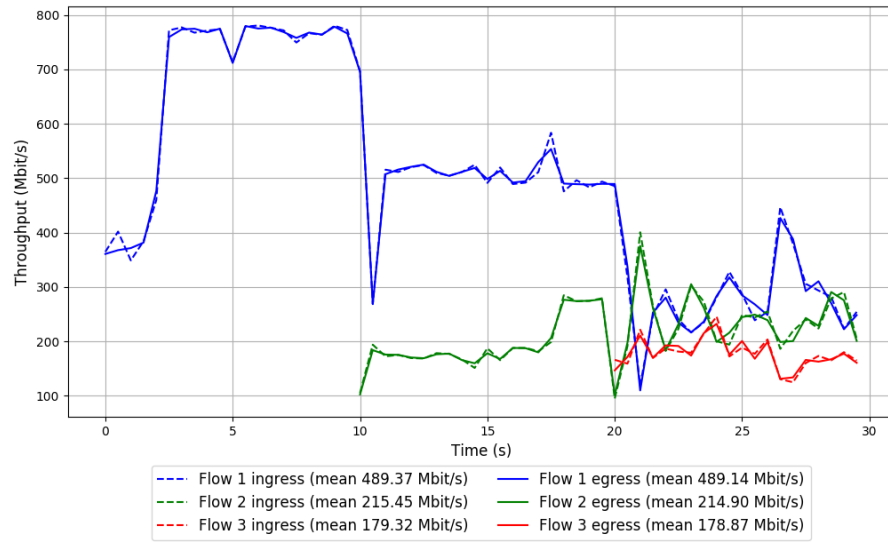


Run 10: Statistics of TCP BBR

Start at: 2017-09-08 01:23:15
End at: 2017-09-08 01:23:45
Local clock offset: 0.797 ms
Remote clock offset: -1.278 ms

Below is generated by plot.py at 2017-09-08 07:00:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 691.31 Mbit/s
95th percentile per-packet one-way delay: 66.444 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 489.14 Mbit/s
95th percentile per-packet one-way delay: 50.262 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 214.90 Mbit/s
95th percentile per-packet one-way delay: 82.342 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 178.87 Mbit/s
95th percentile per-packet one-way delay: 65.161 ms
Loss rate: 0.48%

Run 10: Report of TCP BBR — Data Link

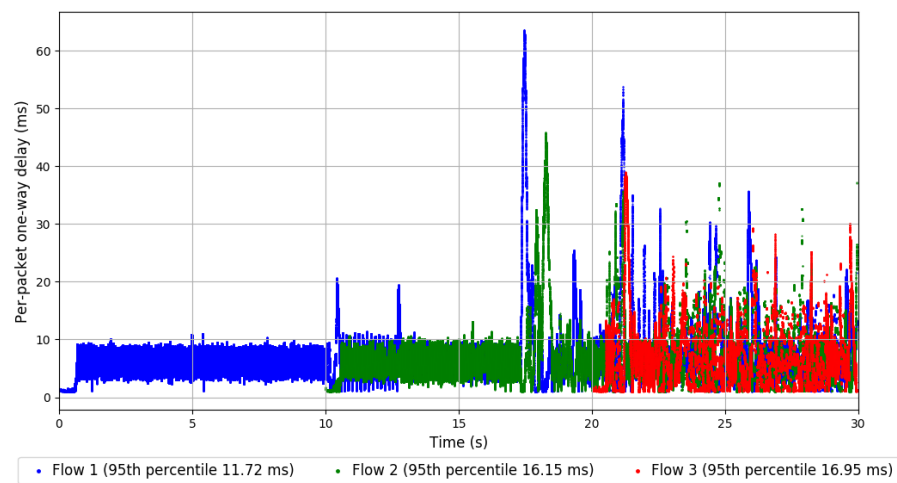
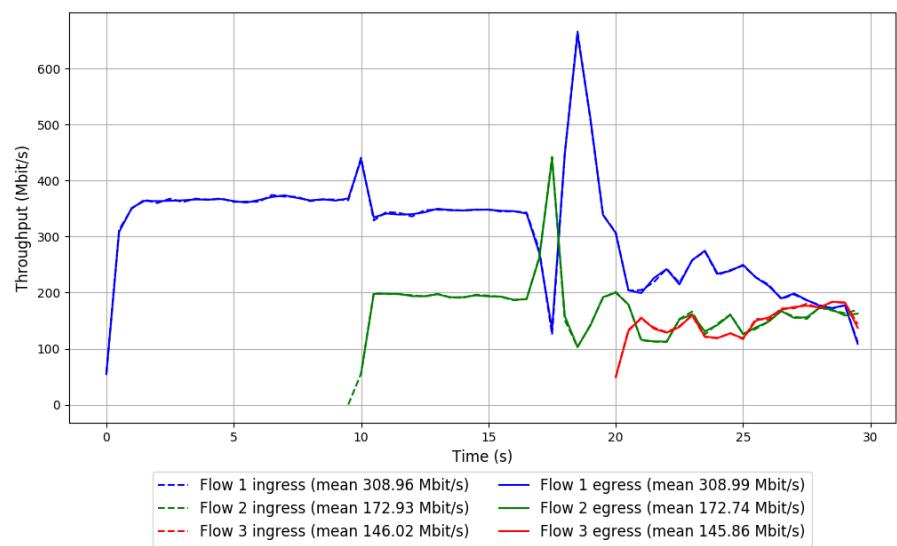


Run 1: Statistics of CalibratedKoho

Start at: 2017-09-07 21:58:25
End at: 2017-09-07 21:58:55
Local clock offset: 0.938 ms
Remote clock offset: -2.744 ms

Below is generated by plot.py at 2017-09-08 07:01:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 472.28 Mbit/s
95th percentile per-packet one-way delay: 14.071 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 308.99 Mbit/s
95th percentile per-packet one-way delay: 11.716 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 172.74 Mbit/s
95th percentile per-packet one-way delay: 16.153 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 145.86 Mbit/s
95th percentile per-packet one-way delay: 16.954 ms
Loss rate: 0.29%

Run 1: Report of CalibratedKoho — Data Link

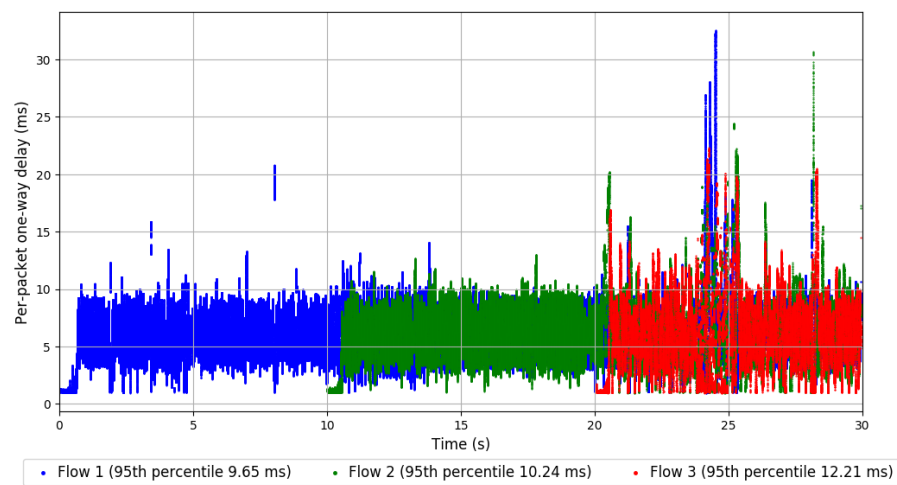
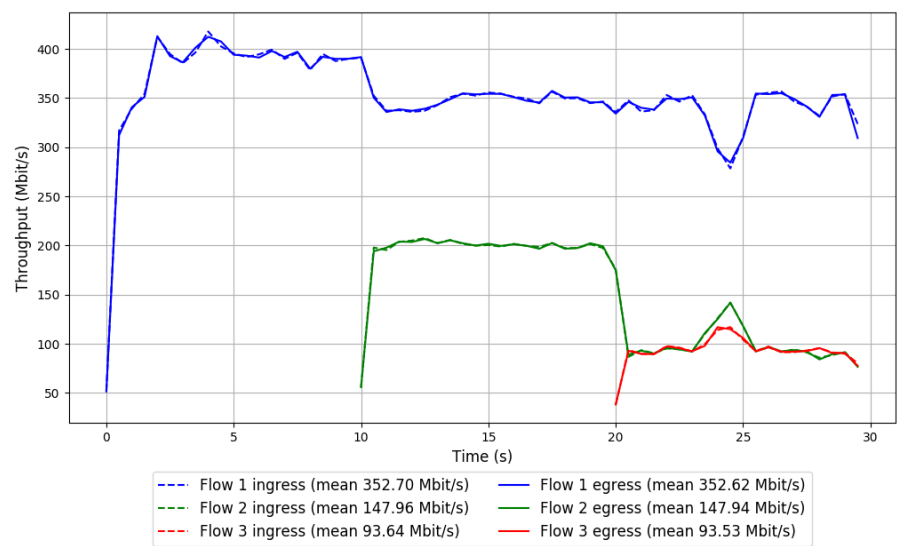


Run 2: Statistics of CalibratedKoho

Start at: 2017-09-07 22:20:26
End at: 2017-09-07 22:20:56
Local clock offset: 0.976 ms
Remote clock offset: -1.784 ms

Below is generated by plot.py at 2017-09-08 07:01:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 481.94 Mbit/s
95th percentile per-packet one-way delay: 9.959 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 352.62 Mbit/s
95th percentile per-packet one-way delay: 9.655 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 147.94 Mbit/s
95th percentile per-packet one-way delay: 10.243 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 93.53 Mbit/s
95th percentile per-packet one-way delay: 12.210 ms
Loss rate: 0.21%

Run 2: Report of CalibratedKoho — Data Link

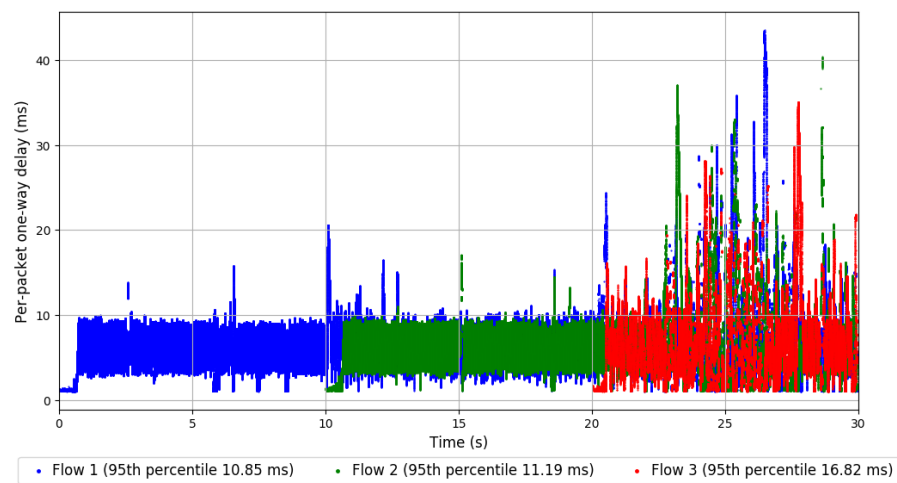
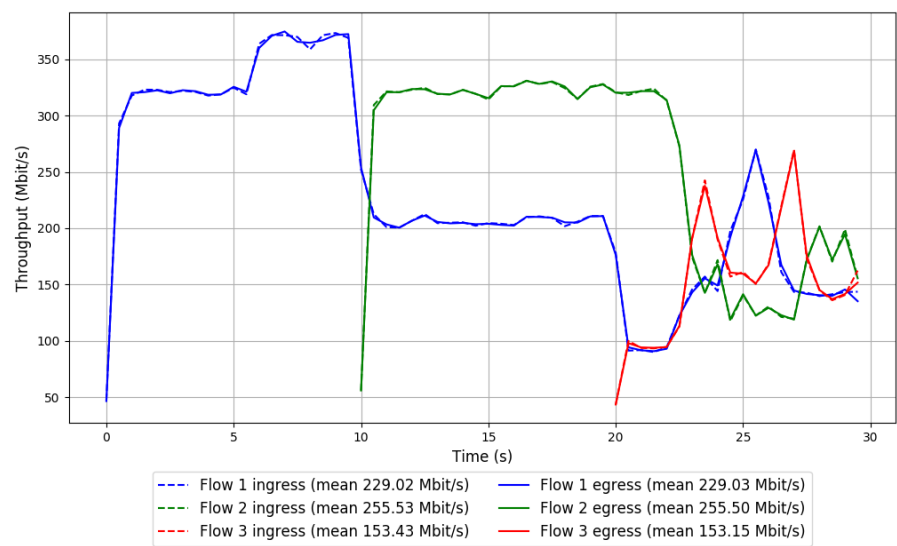


Run 3: Statistics of CalibratedKoho

Start at: 2017-09-07 22:42:37
End at: 2017-09-07 22:43:07
Local clock offset: 1.018 ms
Remote clock offset: -1.797 ms

Below is generated by plot.py at 2017-09-08 07:01:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 449.76 Mbit/s
95th percentile per-packet one-way delay: 12.233 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 229.03 Mbit/s
95th percentile per-packet one-way delay: 10.853 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 255.50 Mbit/s
95th percentile per-packet one-way delay: 11.188 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 153.15 Mbit/s
95th percentile per-packet one-way delay: 16.821 ms
Loss rate: 0.36%

Run 3: Report of CalibratedKoho — Data Link

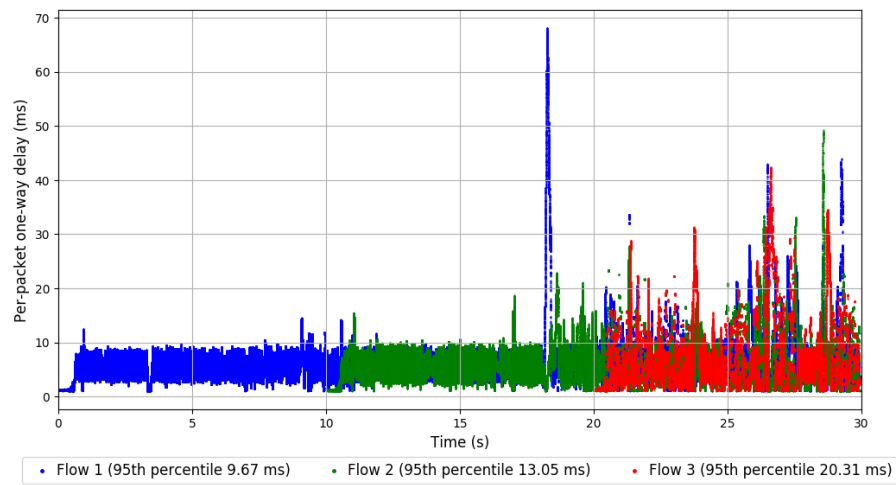
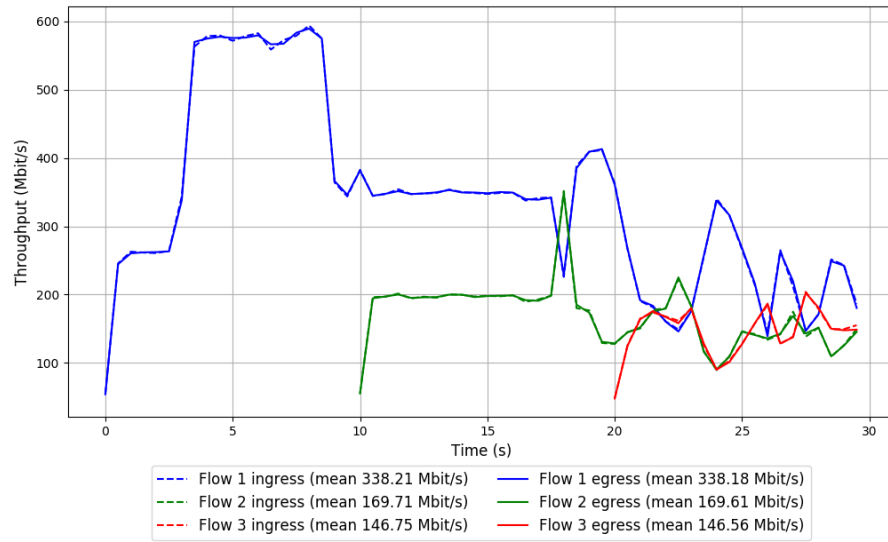


Run 4: Statistics of CalibratedKoho

Start at: 2017-09-07 23:04:39
End at: 2017-09-07 23:05:09
Local clock offset: 1.098 ms
Remote clock offset: -1.236 ms

Below is generated by plot.py at 2017-09-08 07:02:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 499.63 Mbit/s
95th percentile per-packet one-way delay: 11.679 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 338.18 Mbit/s
95th percentile per-packet one-way delay: 9.667 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 169.61 Mbit/s
95th percentile per-packet one-way delay: 13.053 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 146.56 Mbit/s
95th percentile per-packet one-way delay: 20.307 ms
Loss rate: 0.30%

Run 4: Report of CalibratedKoho — Data Link

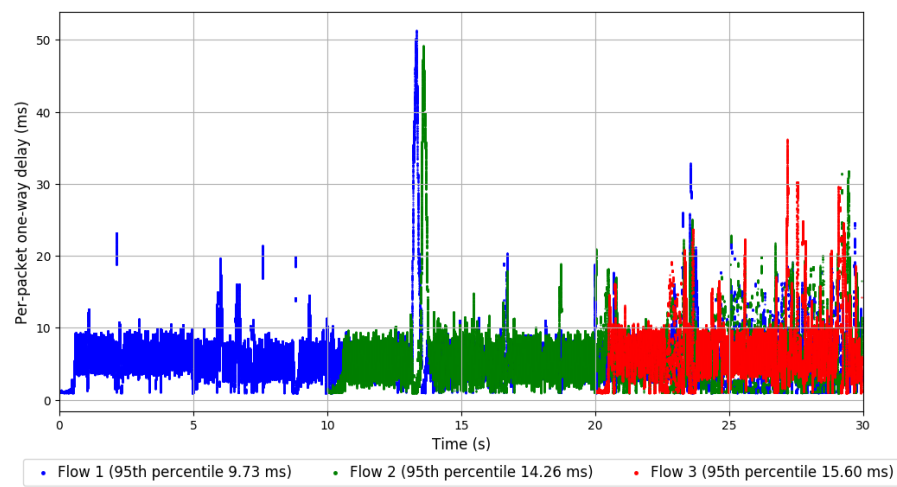
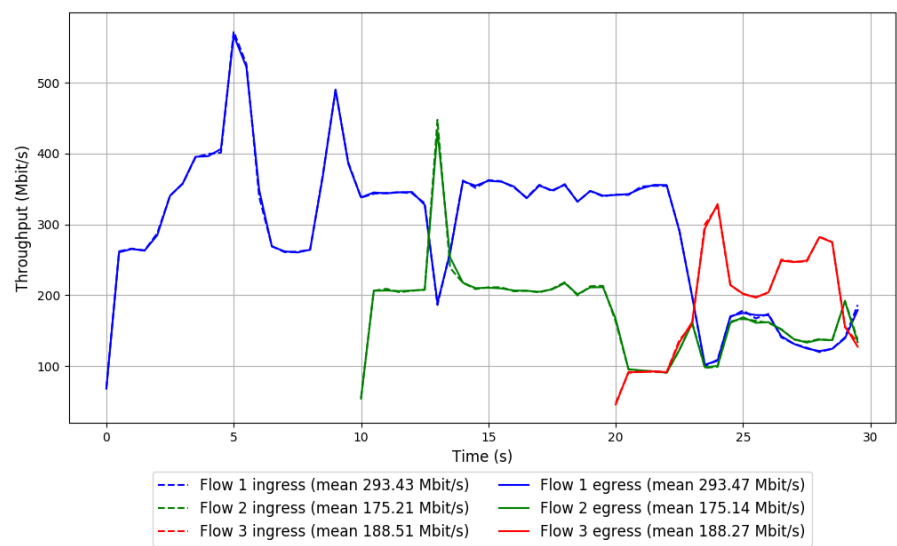


Run 5: Statistics of CalibratedKoho

Start at: 2017-09-07 23:26:47
End at: 2017-09-07 23:27:17
Local clock offset: 1.038 ms
Remote clock offset: -0.991 ms

Below is generated by plot.py at 2017-09-08 07:02:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 472.40 Mbit/s
95th percentile per-packet one-way delay: 11.676 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 293.47 Mbit/s
95th percentile per-packet one-way delay: 9.730 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 175.14 Mbit/s
95th percentile per-packet one-way delay: 14.260 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 188.27 Mbit/s
95th percentile per-packet one-way delay: 15.604 ms
Loss rate: 0.24%

Run 5: Report of CalibratedKoho — Data Link

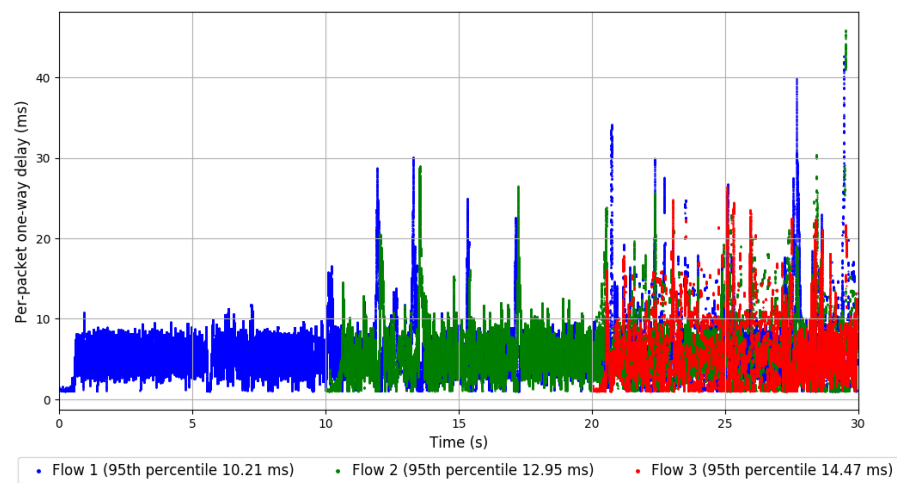
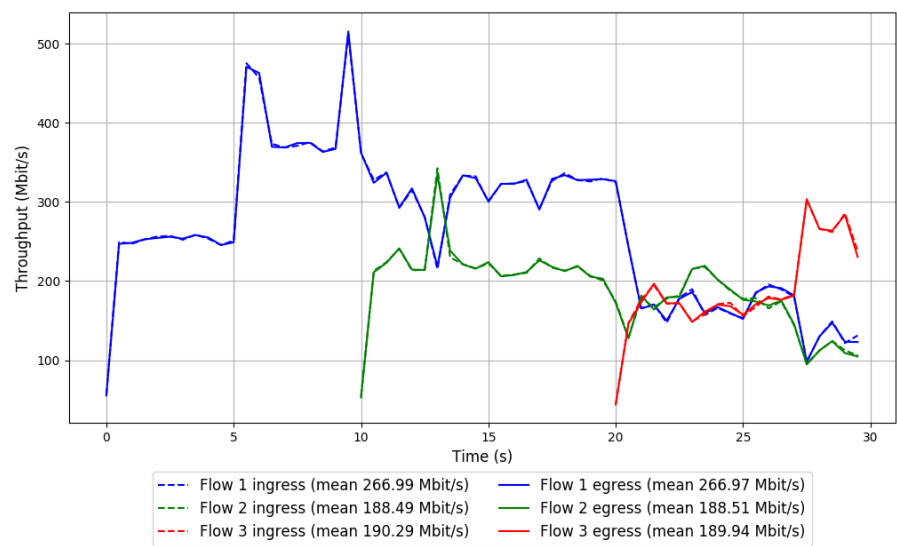


Run 6: Statistics of CalibratedKoho

Start at: 2017-09-07 23:48:48
End at: 2017-09-07 23:49:18
Local clock offset: 0.873 ms
Remote clock offset: -1.252 ms

Below is generated by plot.py at 2017-09-08 07:03:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 455.28 Mbit/s
95th percentile per-packet one-way delay: 11.973 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 266.97 Mbit/s
95th percentile per-packet one-way delay: 10.210 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 188.51 Mbit/s
95th percentile per-packet one-way delay: 12.951 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 189.94 Mbit/s
95th percentile per-packet one-way delay: 14.469 ms
Loss rate: 0.32%

Run 6: Report of CalibratedKoho — Data Link

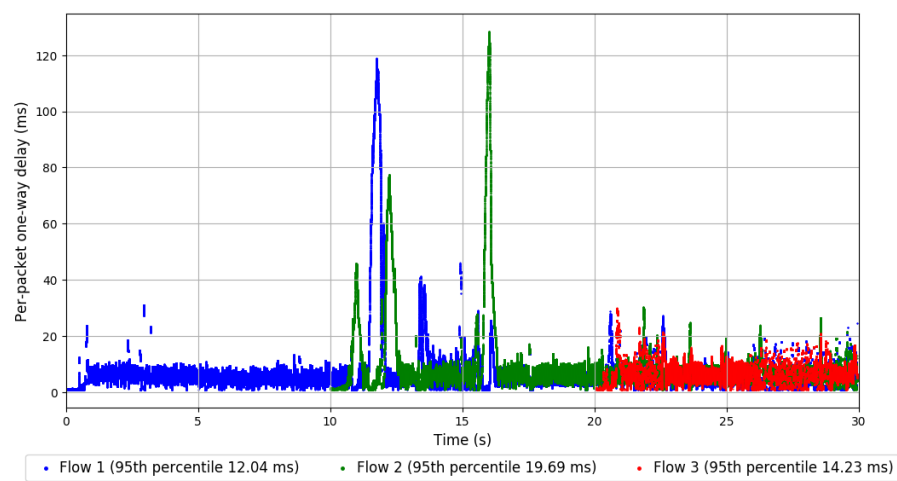
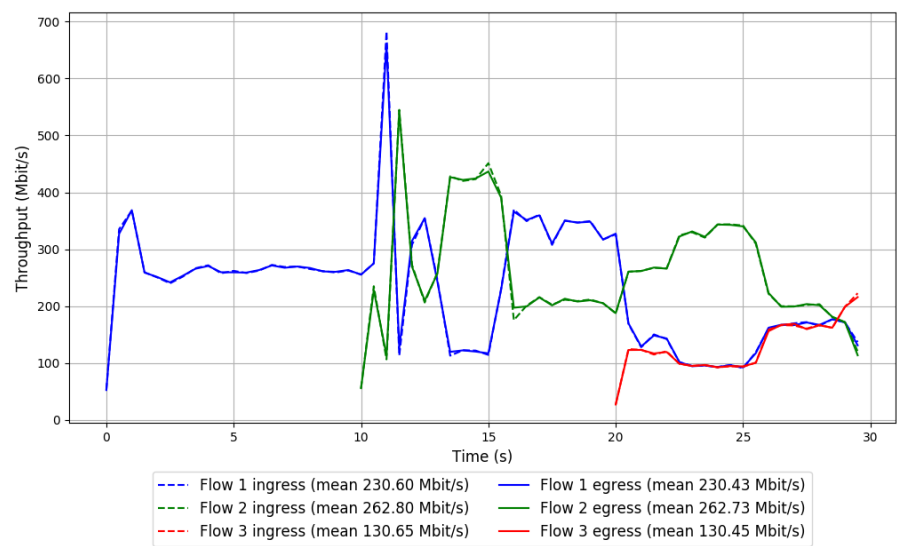


Run 7: Statistics of CalibratedKoho

Start at: 2017-09-08 00:10:55
End at: 2017-09-08 00:11:25
Local clock offset: 0.748 ms
Remote clock offset: -1.278 ms

Below is generated by plot.py at 2017-09-08 07:03:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 448.37 Mbit/s
95th percentile per-packet one-way delay: 15.033 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 230.43 Mbit/s
95th percentile per-packet one-way delay: 12.043 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 262.73 Mbit/s
95th percentile per-packet one-way delay: 19.691 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 130.45 Mbit/s
95th percentile per-packet one-way delay: 14.226 ms
Loss rate: 0.34%

Run 7: Report of CalibratedKoho — Data Link

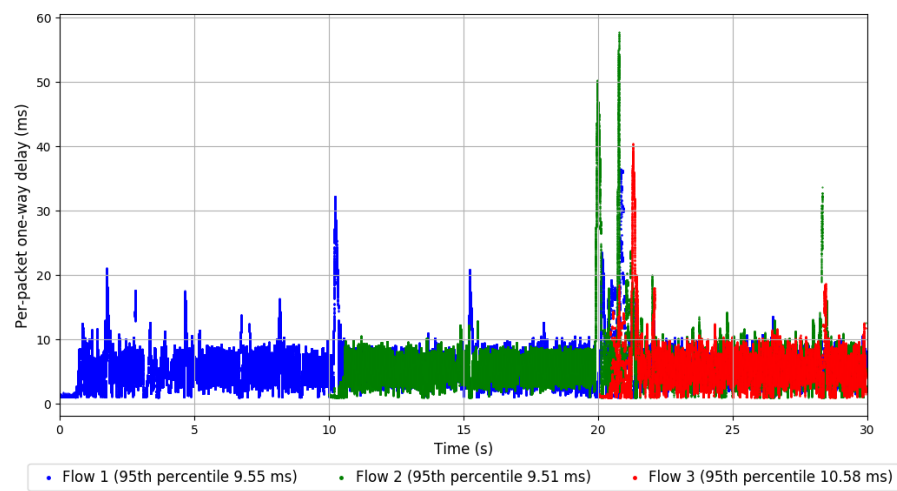
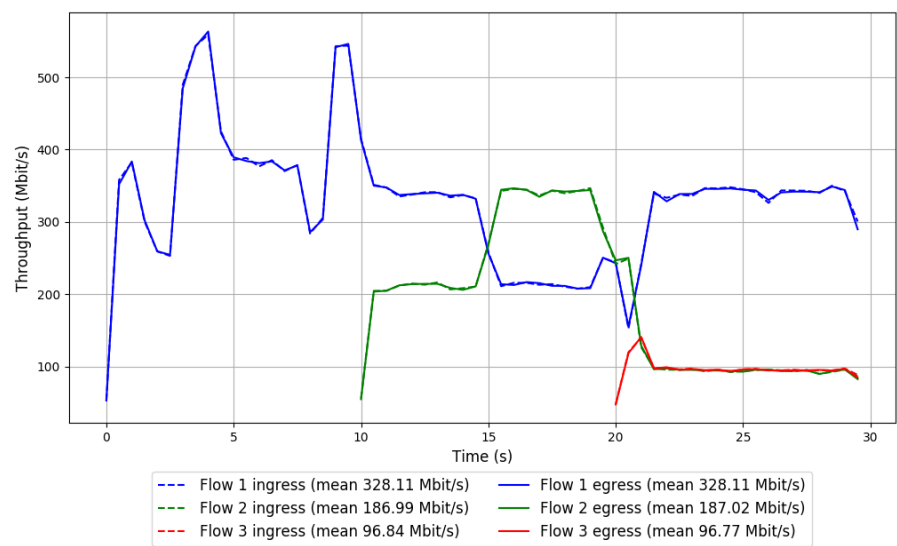


Run 8: Statistics of CalibratedKoho

Start at: 2017-09-08 00:33:00
End at: 2017-09-08 00:33:30
Local clock offset: 0.87 ms
Remote clock offset: -1.195 ms

Below is generated by plot.py at 2017-09-08 07:04:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 484.64 Mbit/s
95th percentile per-packet one-way delay: 9.622 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 328.11 Mbit/s
95th percentile per-packet one-way delay: 9.549 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 187.02 Mbit/s
95th percentile per-packet one-way delay: 9.508 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 96.77 Mbit/s
95th percentile per-packet one-way delay: 10.577 ms
Loss rate: 0.24%

Run 8: Report of CalibratedKoho — Data Link

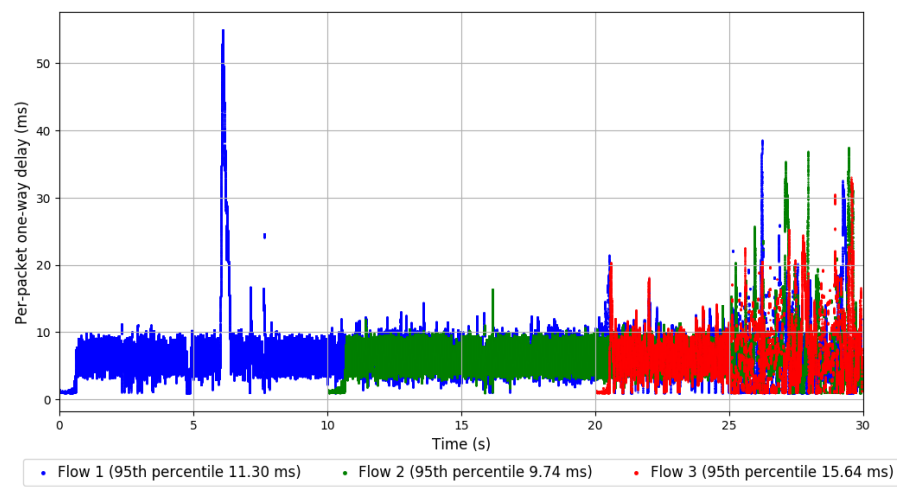
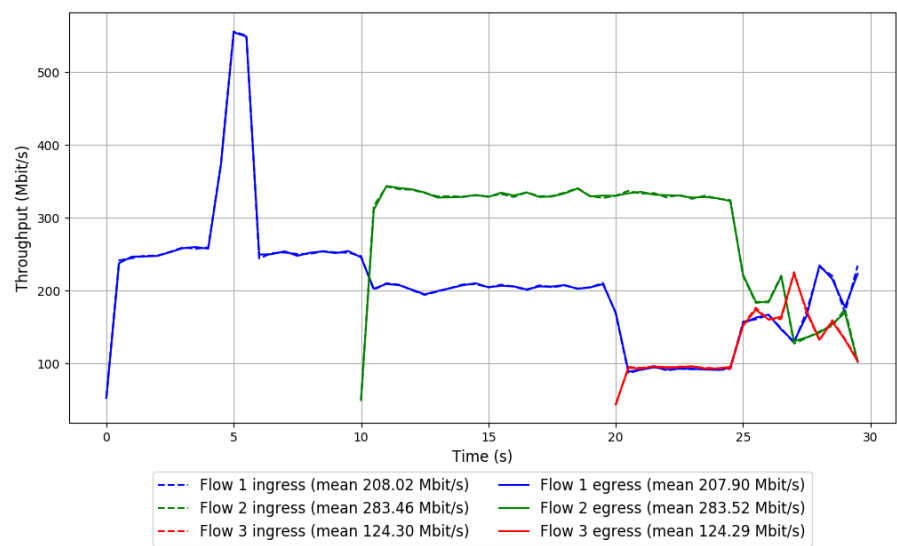


Run 9: Statistics of CalibratedKoho

Start at: 2017-09-08 00:54:58
End at: 2017-09-08 00:55:28
Local clock offset: 0.875 ms
Remote clock offset: -1.116 ms

Below is generated by plot.py at 2017-09-08 07:04:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 437.54 Mbit/s
95th percentile per-packet one-way delay: 11.106 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 207.90 Mbit/s
95th percentile per-packet one-way delay: 11.296 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 283.52 Mbit/s
95th percentile per-packet one-way delay: 9.738 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 124.29 Mbit/s
95th percentile per-packet one-way delay: 15.638 ms
Loss rate: 0.20%

Run 9: Report of CalibratedKoho — Data Link

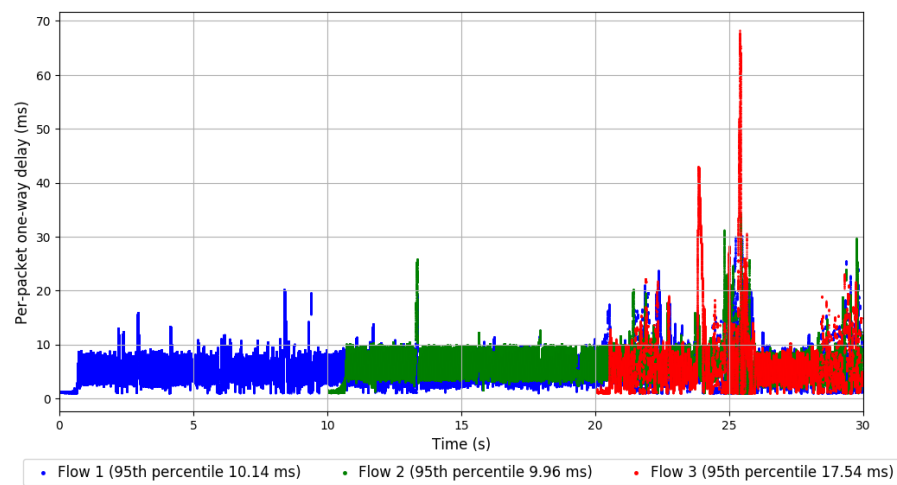
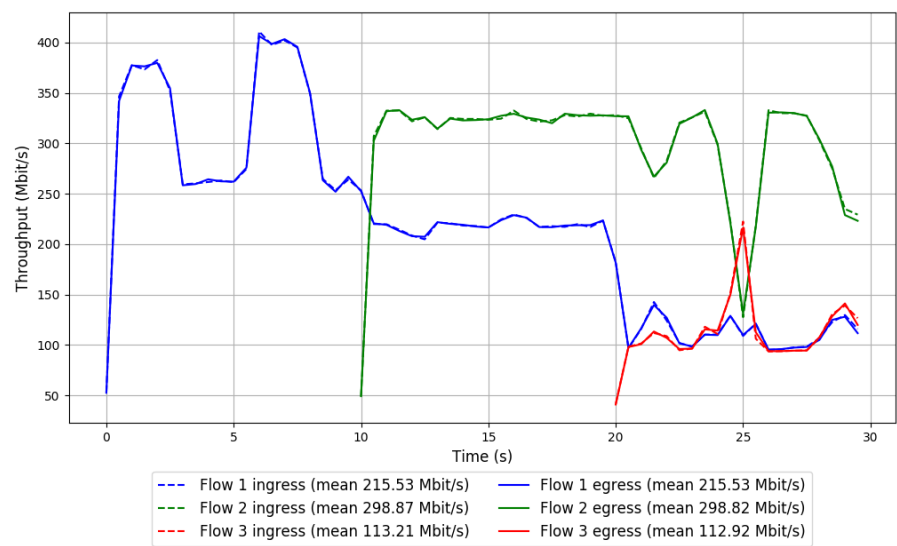


Run 10: Statistics of CalibratedKoho

Start at: 2017-09-08 01:16:55
End at: 2017-09-08 01:17:25
Local clock offset: 0.898 ms
Remote clock offset: -1.203 ms

Below is generated by plot.py at 2017-09-08 07:05:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 451.58 Mbit/s
95th percentile per-packet one-way delay: 10.604 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 215.53 Mbit/s
95th percentile per-packet one-way delay: 10.141 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 298.82 Mbit/s
95th percentile per-packet one-way delay: 9.956 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 112.92 Mbit/s
95th percentile per-packet one-way delay: 17.537 ms
Loss rate: 0.33%

Run 10: Report of CalibratedKoho — Data Link

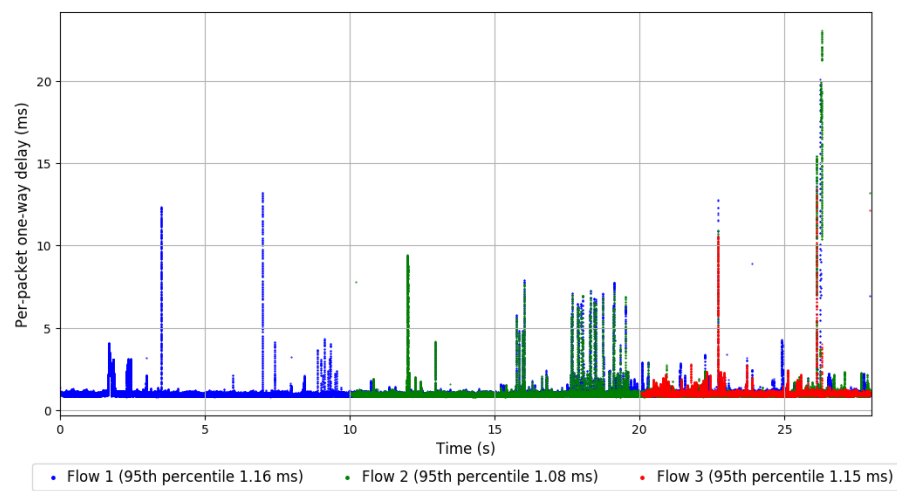
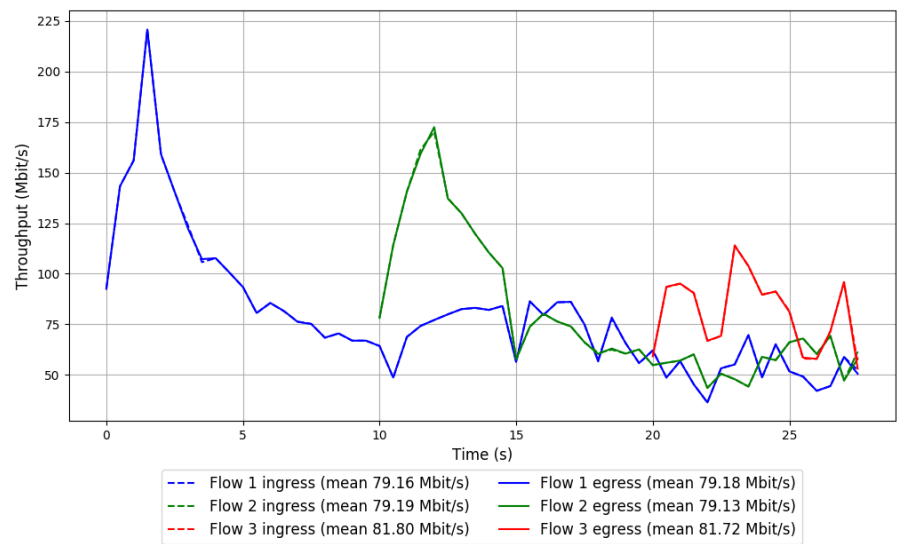


Run 1: Statistics of Copa

Start at: 2017-09-07 21:50:21
End at: 2017-09-07 21:50:51
Local clock offset: 0.856 ms
Remote clock offset: -2.788 ms

Below is generated by plot.py at 2017-09-08 07:05:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 153.06 Mbit/s
95th percentile per-packet one-way delay: 1.125 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 79.18 Mbit/s
95th percentile per-packet one-way delay: 1.160 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 79.13 Mbit/s
95th percentile per-packet one-way delay: 1.079 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 81.72 Mbit/s
95th percentile per-packet one-way delay: 1.148 ms
Loss rate: 0.22%

Run 1: Report of Copa — Data Link

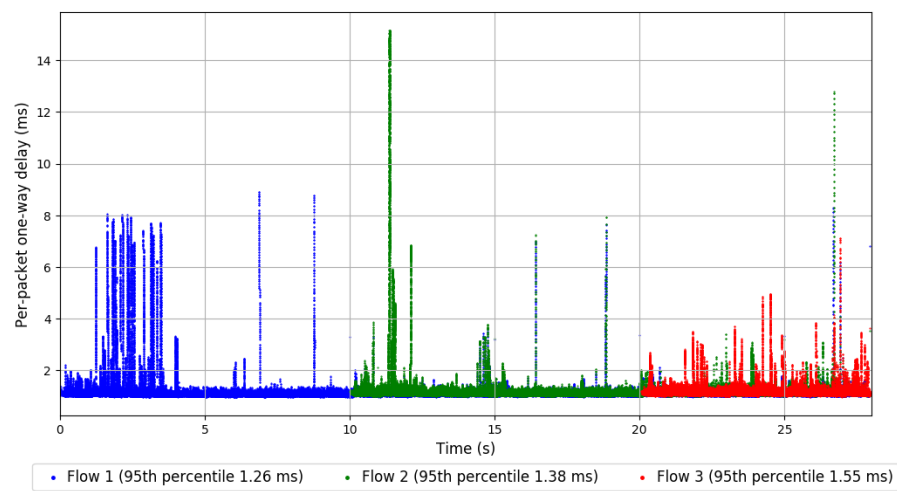
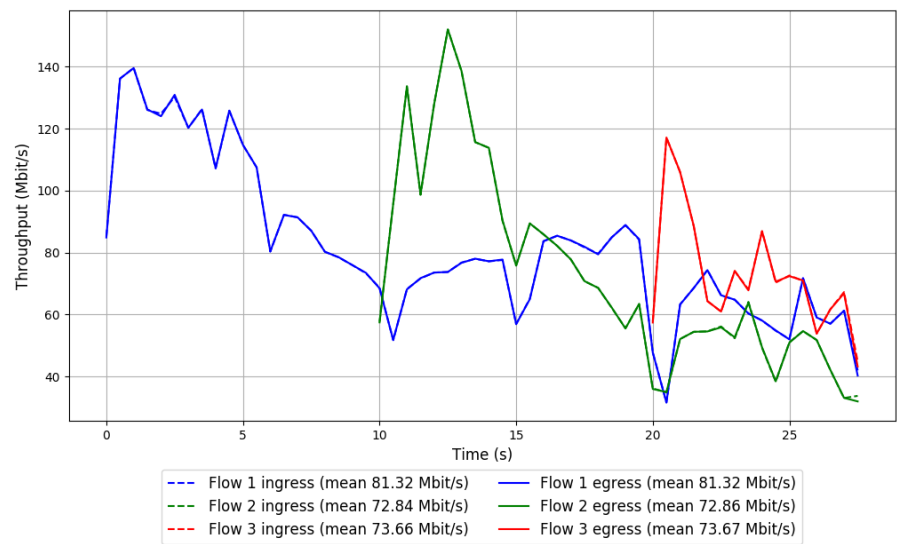


Run 2: Statistics of Copa

Start at: 2017-09-07 22:12:29
End at: 2017-09-07 22:12:59
Local clock offset: 1.043 ms
Remote clock offset: -2.139 ms

Below is generated by plot.py at 2017-09-08 07:06:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 148.86 Mbit/s
95th percentile per-packet one-way delay: 1.346 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 81.32 Mbit/s
95th percentile per-packet one-way delay: 1.261 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 72.86 Mbit/s
95th percentile per-packet one-way delay: 1.378 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 73.67 Mbit/s
95th percentile per-packet one-way delay: 1.549 ms
Loss rate: 0.19%

Run 2: Report of Copa — Data Link

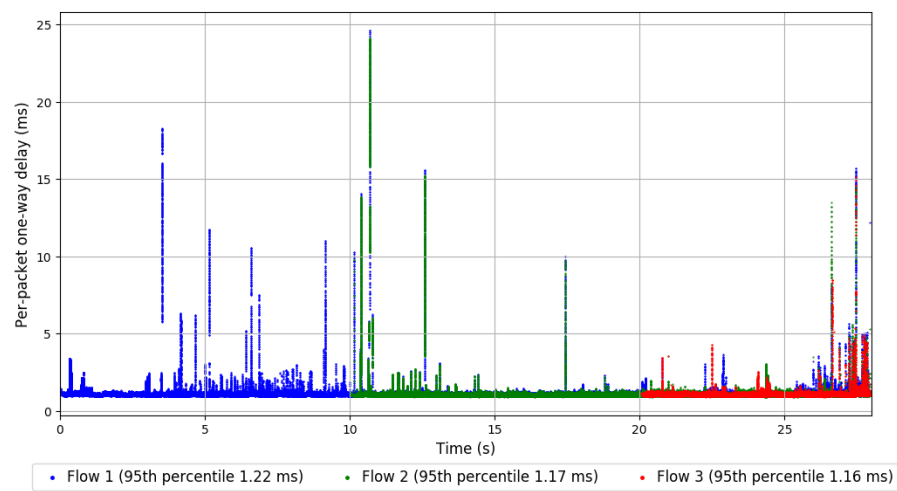
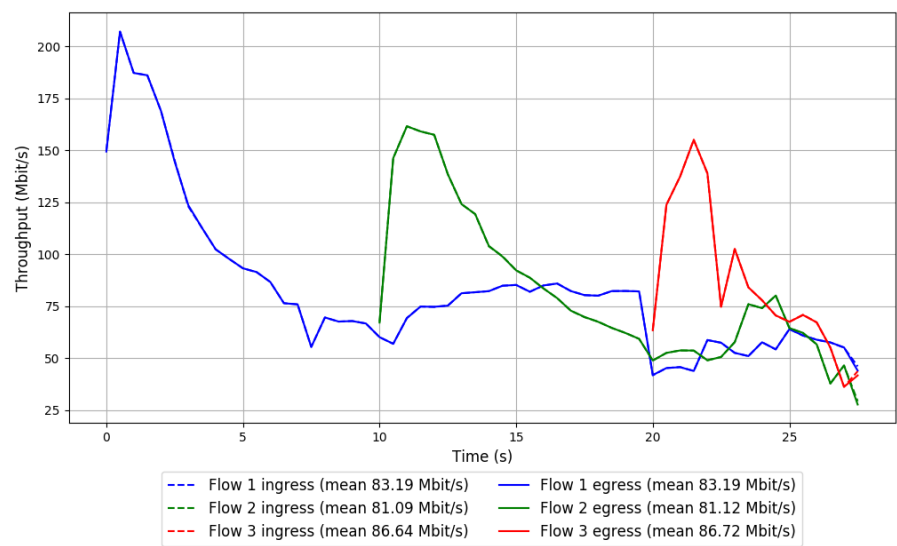


Run 3: Statistics of Copa

Start at: 2017-09-07 22:34:31
End at: 2017-09-07 22:35:01
Local clock offset: 0.941 ms
Remote clock offset: -1.793 ms

Below is generated by plot.py at 2017-09-08 07:06:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 159.68 Mbit/s
95th percentile per-packet one-way delay: 1.194 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 83.19 Mbit/s
95th percentile per-packet one-way delay: 1.222 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 81.12 Mbit/s
95th percentile per-packet one-way delay: 1.170 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 86.72 Mbit/s
95th percentile per-packet one-way delay: 1.164 ms
Loss rate: 0.15%

Run 3: Report of Copa — Data Link

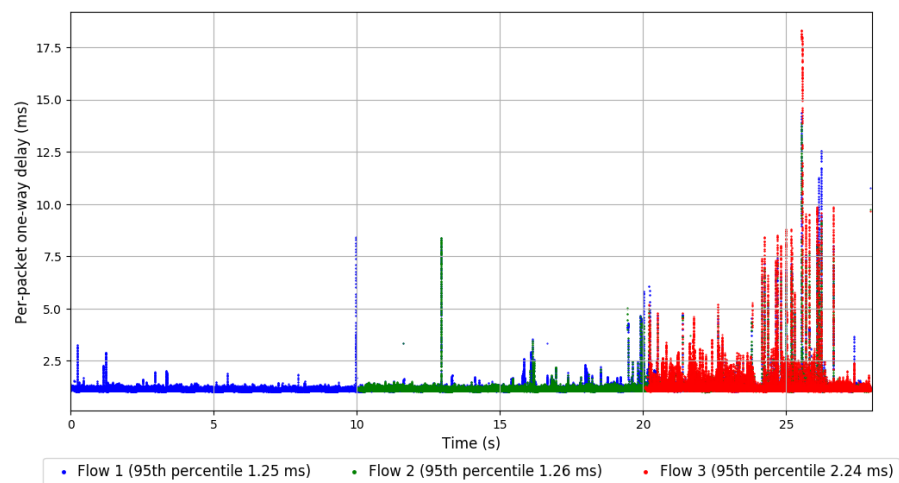
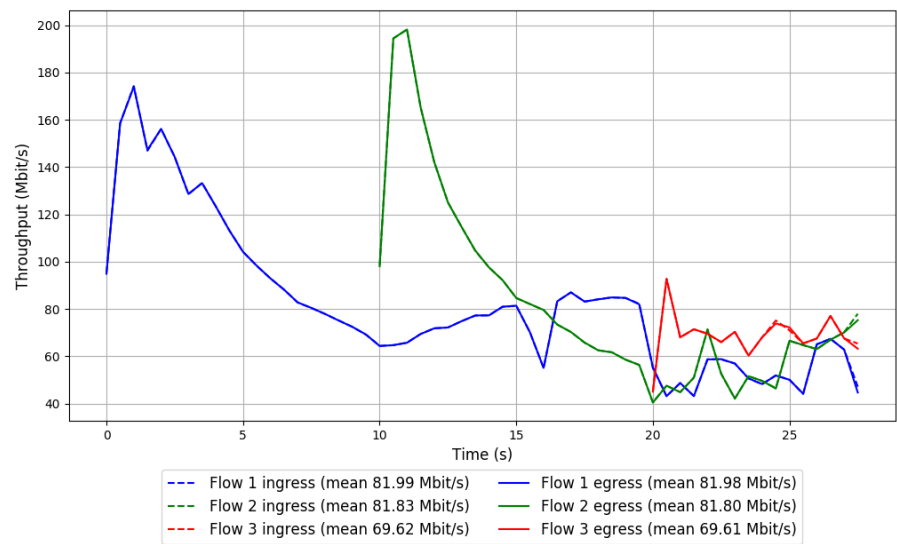


Run 4: Statistics of Copa

Start at: 2017-09-07 22:56:38
End at: 2017-09-07 22:57:08
Local clock offset: 1.058 ms
Remote clock offset: -1.361 ms

Below is generated by plot.py at 2017-09-08 07:06:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 154.12 Mbit/s
95th percentile per-packet one-way delay: 1.304 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 81.98 Mbit/s
95th percentile per-packet one-way delay: 1.248 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 81.80 Mbit/s
95th percentile per-packet one-way delay: 1.256 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 69.61 Mbit/s
95th percentile per-packet one-way delay: 2.243 ms
Loss rate: 0.21%

Run 4: Report of Copa — Data Link

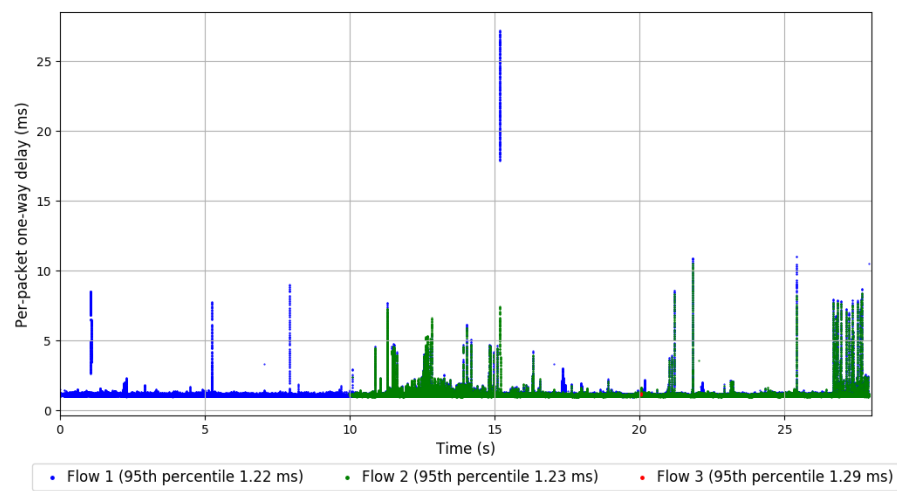
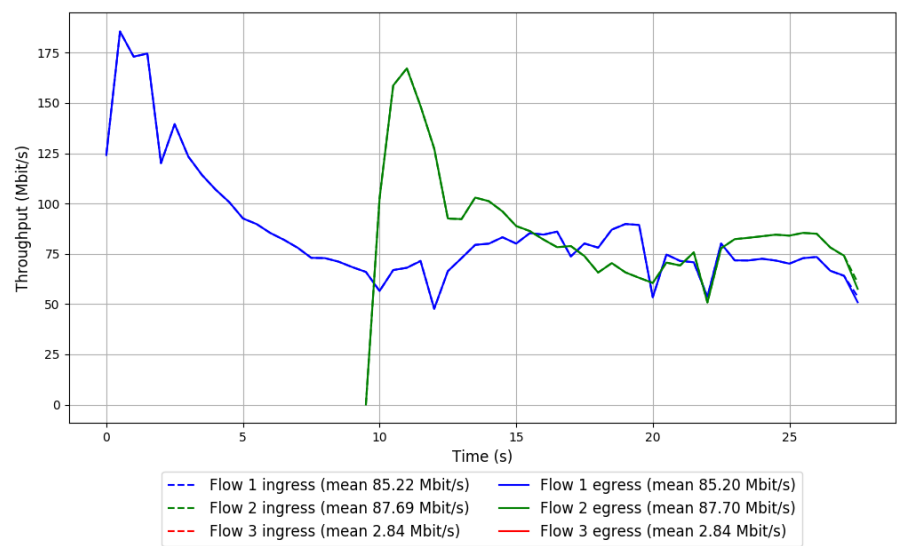


Run 5: Statistics of Copa

Start at: 2017-09-07 23:18:47
End at: 2017-09-07 23:19:17
Local clock offset: 1.125 ms
Remote clock offset: -1.106 ms

Below is generated by plot.py at 2017-09-08 07:06:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 141.53 Mbit/s
95th percentile per-packet one-way delay: 1.220 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 85.20 Mbit/s
95th percentile per-packet one-way delay: 1.215 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 87.70 Mbit/s
95th percentile per-packet one-way delay: 1.234 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 2.84 Mbit/s
95th percentile per-packet one-way delay: 1.290 ms
Loss rate: 0.00%

Run 5: Report of Copa — Data Link

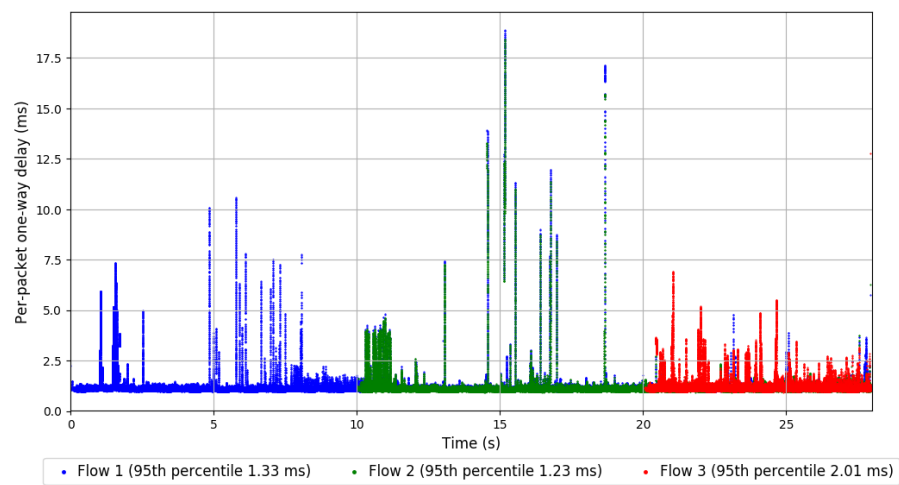
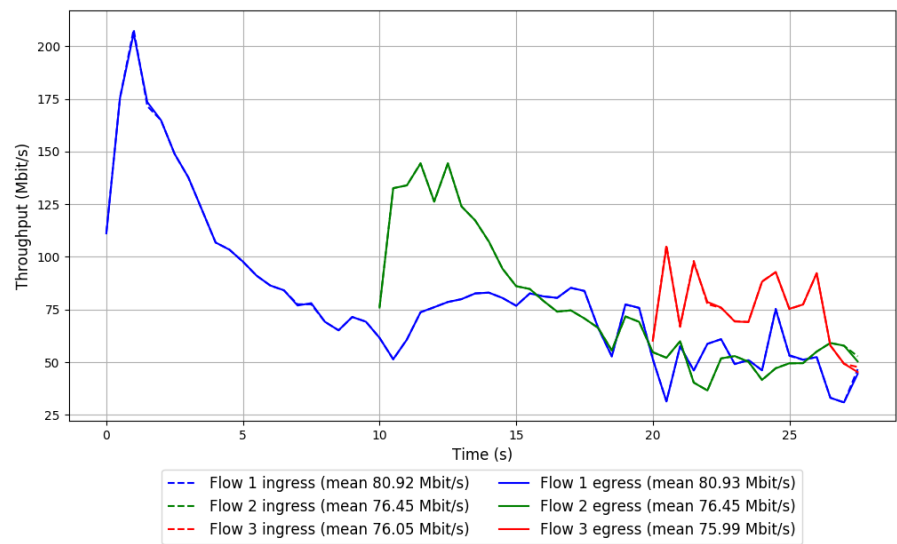


Run 6: Statistics of Copa

Start at: 2017-09-07 23:40:50
End at: 2017-09-07 23:41:20
Local clock offset: 0.861 ms
Remote clock offset: -1.232 ms

Below is generated by plot.py at 2017-09-08 07:07:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 151.42 Mbit/s
95th percentile per-packet one-way delay: 1.368 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 80.93 Mbit/s
95th percentile per-packet one-way delay: 1.330 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 76.45 Mbit/s
95th percentile per-packet one-way delay: 1.225 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 75.99 Mbit/s
95th percentile per-packet one-way delay: 2.010 ms
Loss rate: 0.20%

Run 6: Report of Copa — Data Link

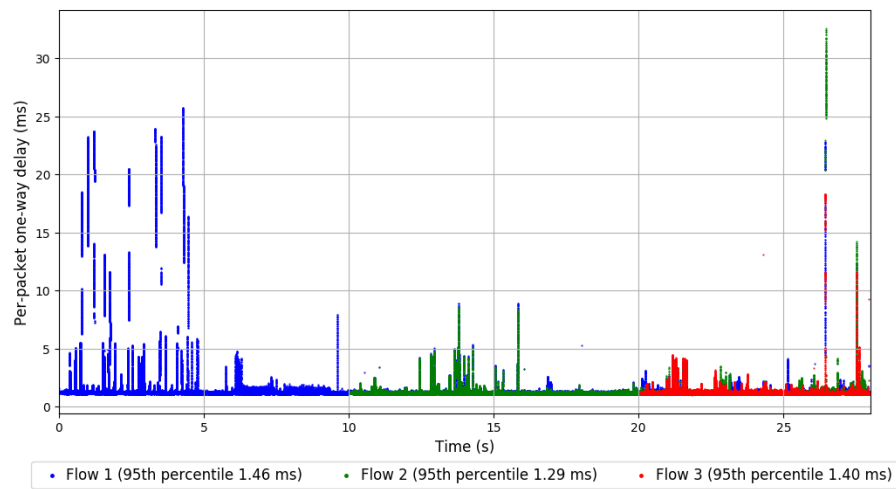
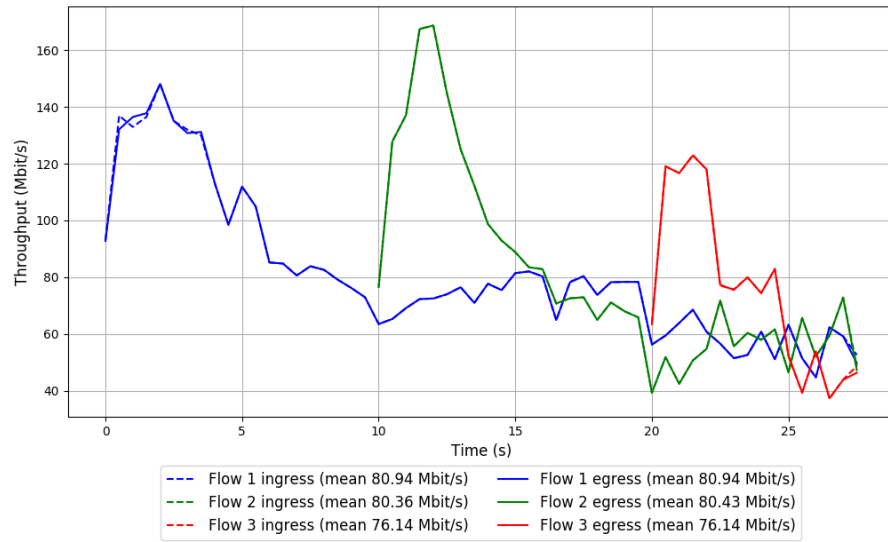


Run 7: Statistics of Copa

Start at: 2017-09-08 00:02:52
End at: 2017-09-08 00:03:22
Local clock offset: 0.843 ms
Remote clock offset: -1.314 ms

Below is generated by plot.py at 2017-09-08 07:07:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 154.03 Mbit/s
95th percentile per-packet one-way delay: 1.355 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 80.94 Mbit/s
95th percentile per-packet one-way delay: 1.463 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 80.43 Mbit/s
95th percentile per-packet one-way delay: 1.287 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 76.14 Mbit/s
95th percentile per-packet one-way delay: 1.395 ms
Loss rate: 0.21%

Run 7: Report of Copa — Data Link

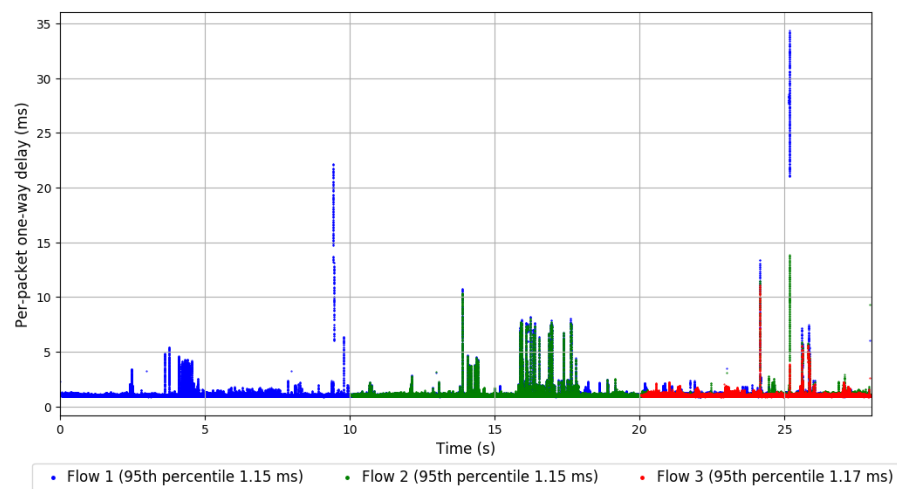
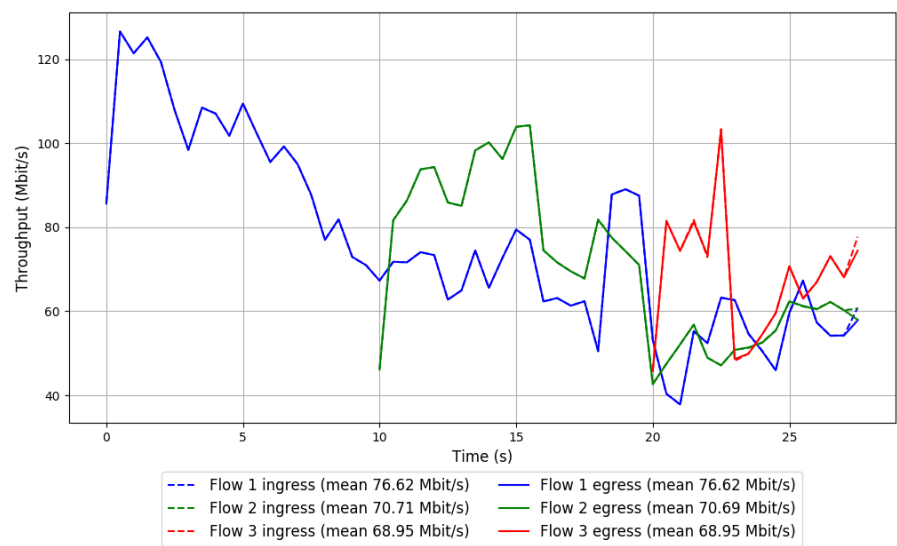


Run 8: Statistics of Copa

Start at: 2017-09-08 00:24:54
End at: 2017-09-08 00:25:24
Local clock offset: 0.828 ms
Remote clock offset: -1.141 ms

Below is generated by plot.py at 2017-09-08 07:07:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 141.44 Mbit/s
95th percentile per-packet one-way delay: 1.154 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 76.62 Mbit/s
95th percentile per-packet one-way delay: 1.154 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 70.69 Mbit/s
95th percentile per-packet one-way delay: 1.149 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 68.95 Mbit/s
95th percentile per-packet one-way delay: 1.171 ms
Loss rate: 0.32%

Run 8: Report of Copa — Data Link

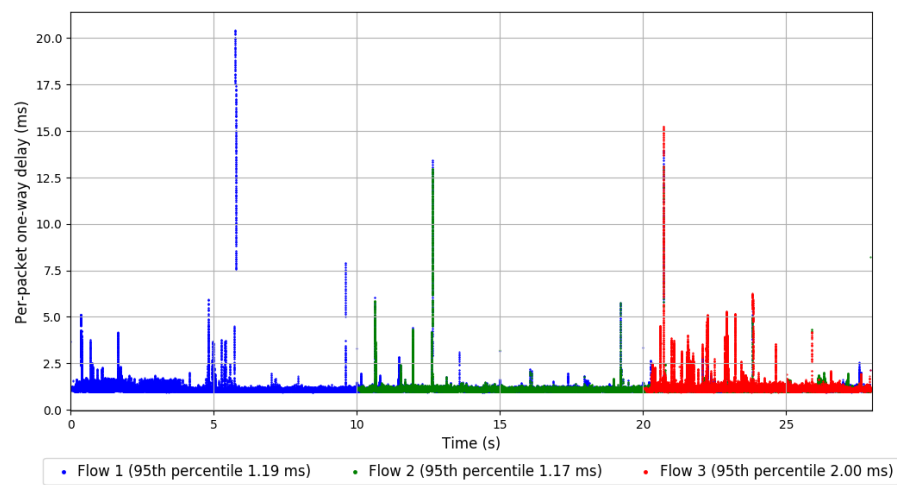
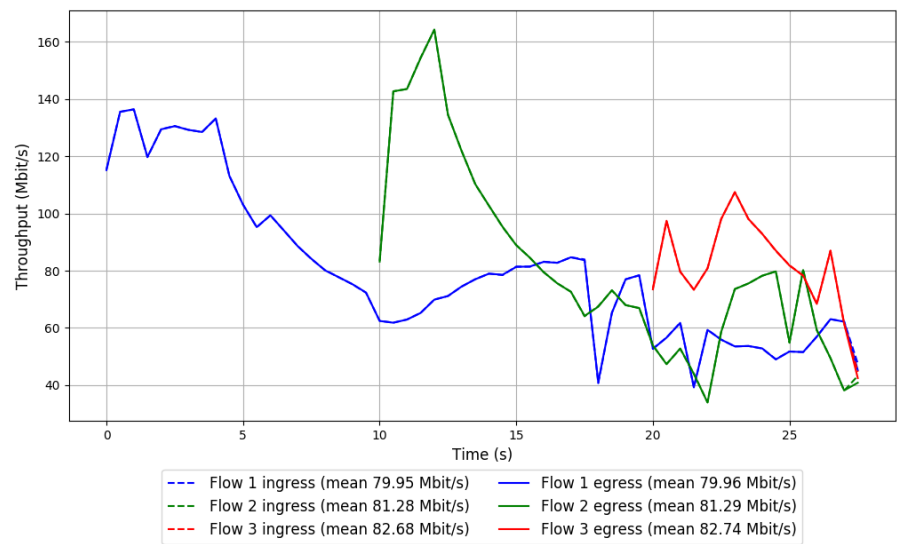


Run 9: Statistics of Copa

Start at: 2017-09-08 00:46:58
End at: 2017-09-08 00:47:28
Local clock offset: 0.842 ms
Remote clock offset: -1.329 ms

Below is generated by plot.py at 2017-09-08 07:08:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 155.50 Mbit/s
95th percentile per-packet one-way delay: 1.252 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 79.96 Mbit/s
95th percentile per-packet one-way delay: 1.193 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 81.29 Mbit/s
95th percentile per-packet one-way delay: 1.174 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 82.74 Mbit/s
95th percentile per-packet one-way delay: 2.000 ms
Loss rate: 0.18%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2017-09-08 01:09:04

End at: 2017-09-08 01:09:34

Local clock offset: 0.895 ms

Remote clock offset: -1.12 ms

Below is generated by plot.py at 2017-09-08 07:08:28

Datalink statistics

-- Total of 3 flows:

Average throughput: 151.00 Mbit/s

95th percentile per-packet one-way delay: 1.524 ms

Loss rate: 0.09%

-- Flow 1:

Average throughput: 80.37 Mbit/s

95th percentile per-packet one-way delay: 1.332 ms

Loss rate: 0.06%

-- Flow 2:

Average throughput: 76.78 Mbit/s

95th percentile per-packet one-way delay: 1.283 ms

Loss rate: 0.09%

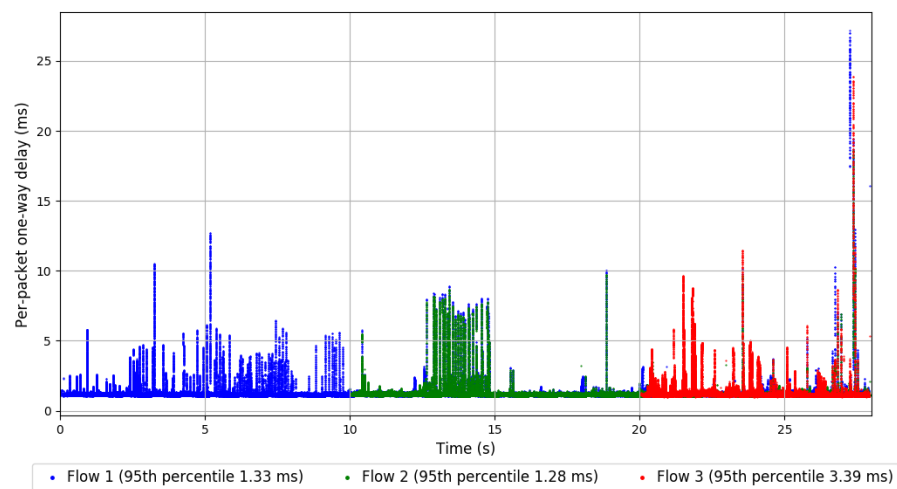
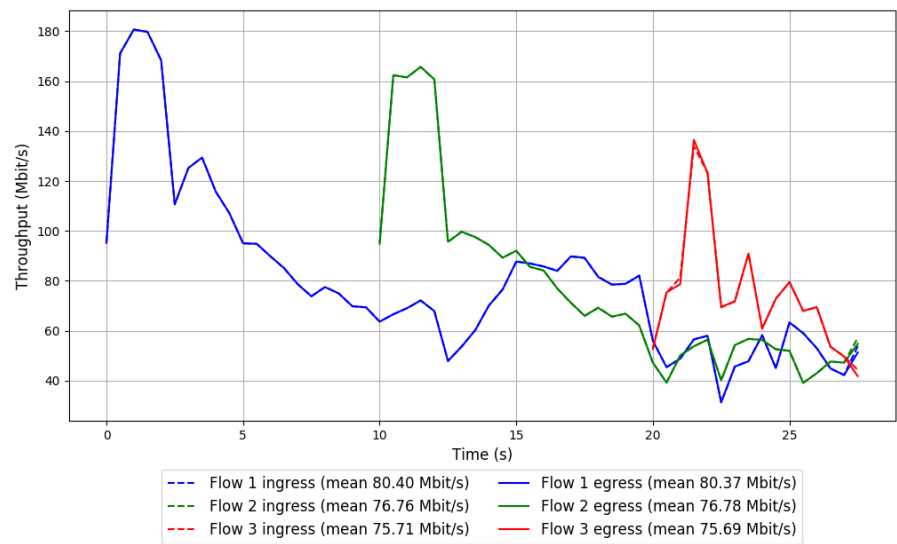
-- Flow 3:

Average throughput: 75.69 Mbit/s

95th percentile per-packet one-way delay: 3.393 ms

Loss rate: 0.22%

Run 10: Report of Copa — Data Link

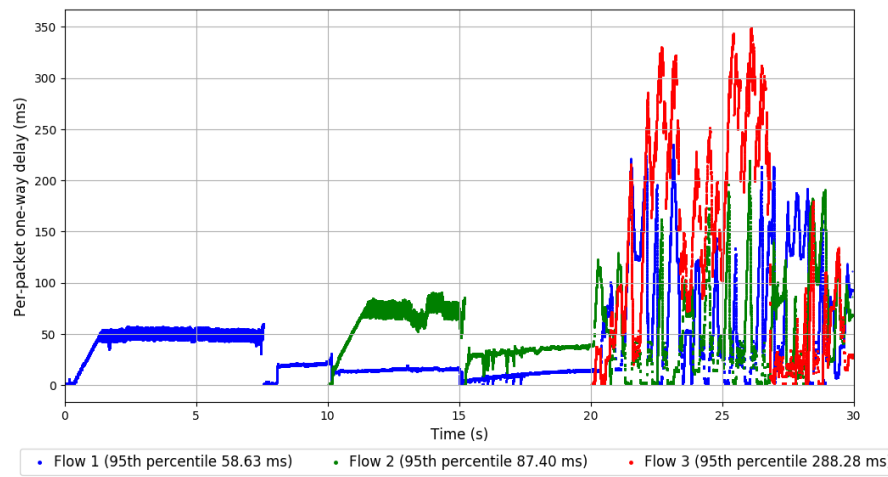
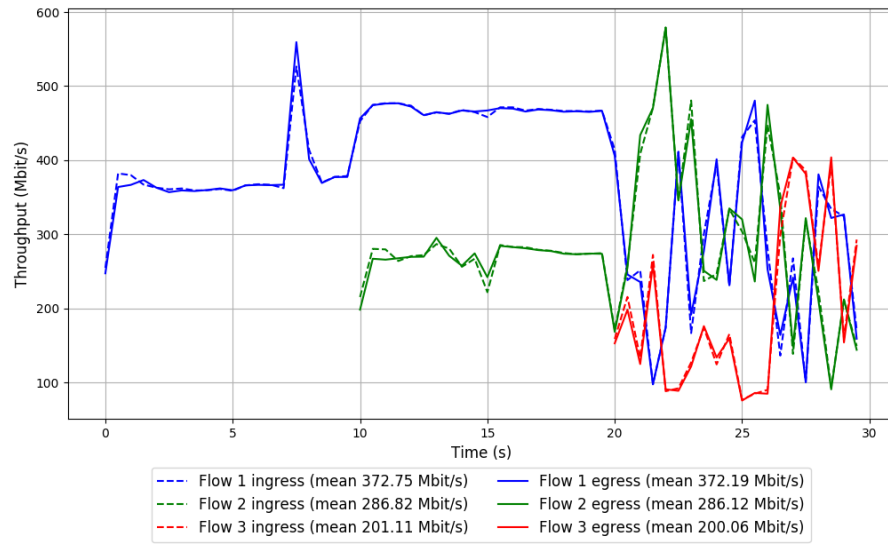


Run 1: Statistics of TCP Cubic

Start at: 2017-09-07 22:03:18
End at: 2017-09-07 22:03:48
Local clock offset: 0.951 ms
Remote clock offset: -2.504 ms

Below is generated by plot.py at 2017-09-08 07:09:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 628.83 Mbit/s
95th percentile per-packet one-way delay: 115.790 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 372.19 Mbit/s
95th percentile per-packet one-way delay: 58.629 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 286.12 Mbit/s
95th percentile per-packet one-way delay: 87.396 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 200.06 Mbit/s
95th percentile per-packet one-way delay: 288.284 ms
Loss rate: 0.70%

Run 1: Report of TCP Cubic — Data Link

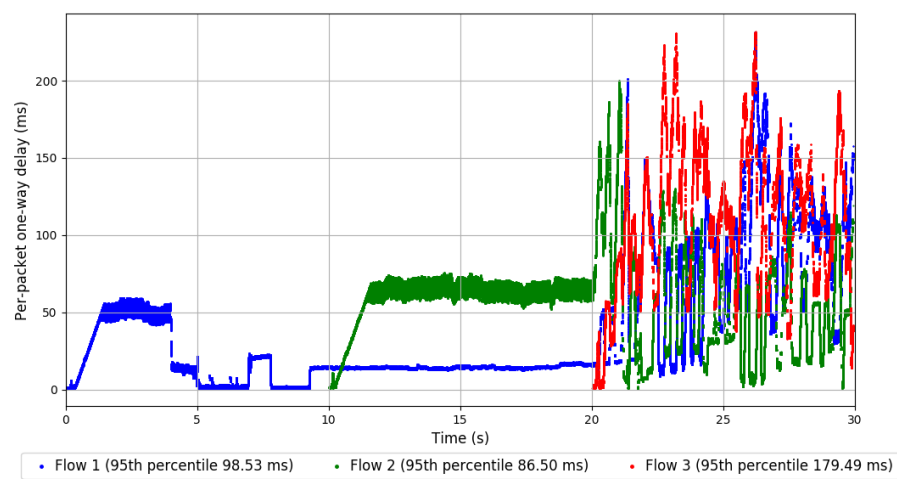
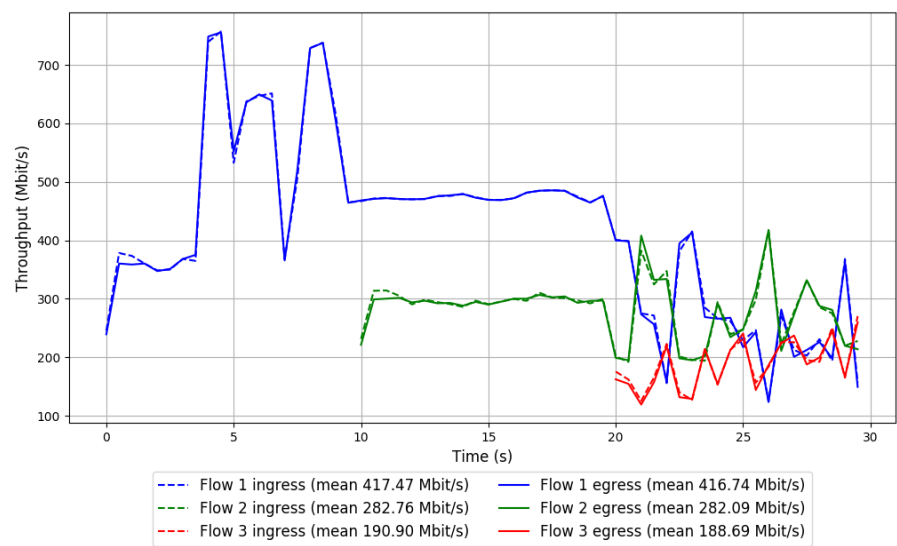


Run 2: Statistics of TCP Cubic

Start at: 2017-09-07 22:25:15
End at: 2017-09-07 22:25:45
Local clock offset: 1.019 ms
Remote clock offset: -1.673 ms

Below is generated by plot.py at 2017-09-08 07:09:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 667.04 Mbit/s
95th percentile per-packet one-way delay: 122.300 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 416.74 Mbit/s
95th percentile per-packet one-way delay: 98.529 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 282.09 Mbit/s
95th percentile per-packet one-way delay: 86.502 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 188.69 Mbit/s
95th percentile per-packet one-way delay: 179.488 ms
Loss rate: 1.35%

Run 2: Report of TCP Cubic — Data Link

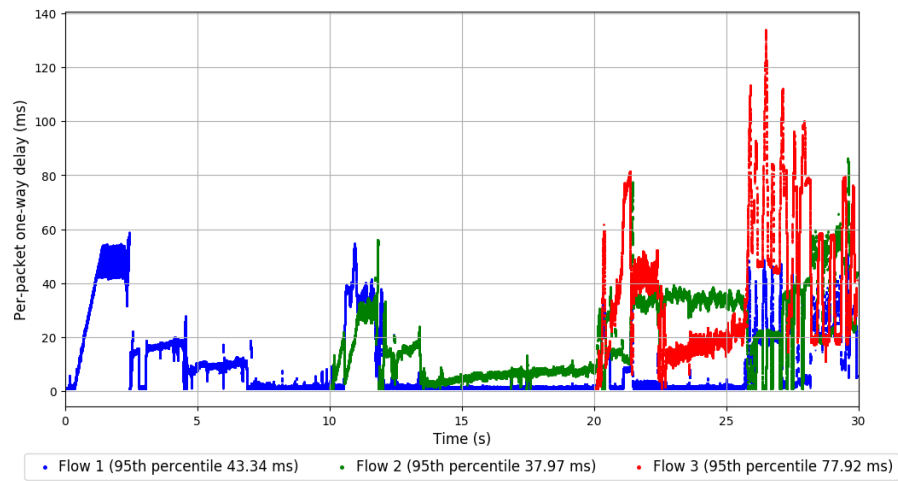
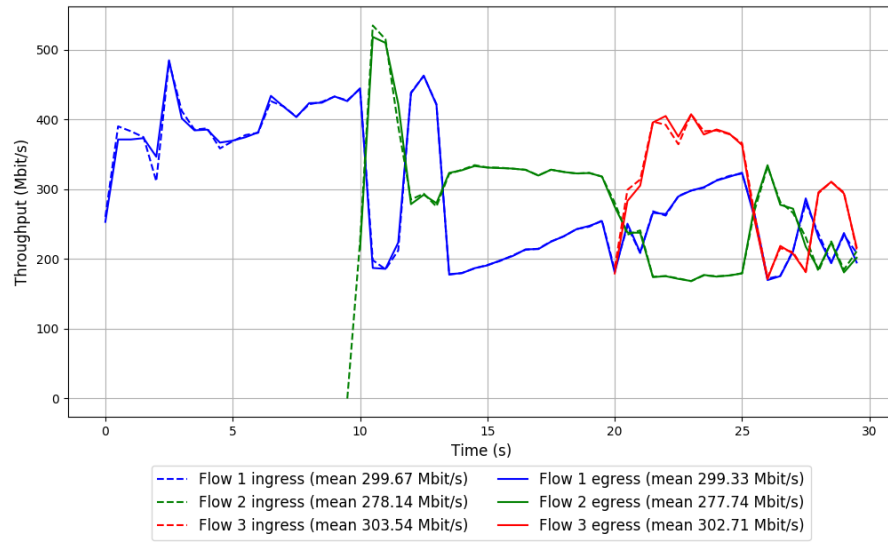


Run 3: Statistics of TCP Cubic

Start at: 2017-09-07 22:47:27
End at: 2017-09-07 22:47:57
Local clock offset: 1.006 ms
Remote clock offset: -1.635 ms

Below is generated by plot.py at 2017-09-08 07:10:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 584.49 Mbit/s
95th percentile per-packet one-way delay: 49.543 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 299.33 Mbit/s
95th percentile per-packet one-way delay: 43.344 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 277.74 Mbit/s
95th percentile per-packet one-way delay: 37.966 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 302.71 Mbit/s
95th percentile per-packet one-way delay: 77.919 ms
Loss rate: 0.37%

Run 3: Report of TCP Cubic — Data Link

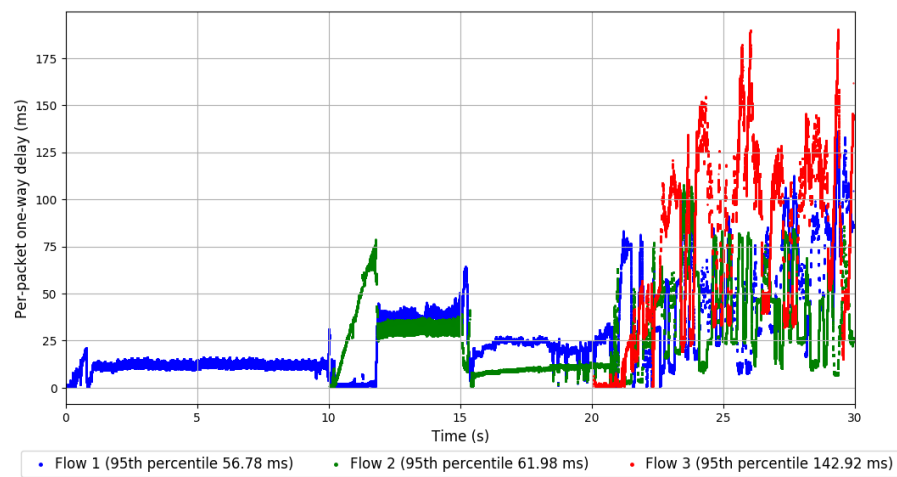
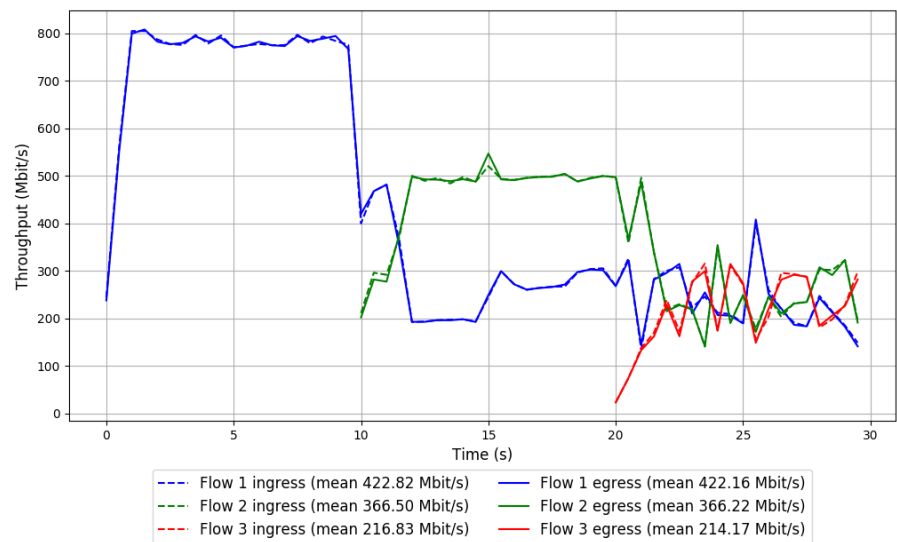


Run 4: Statistics of TCP Cubic

Start at: 2017-09-07 23:09:30
End at: 2017-09-07 23:10:00
Local clock offset: 1.023 ms
Remote clock offset: -1.172 ms

Below is generated by plot.py at 2017-09-08 07:11:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 736.48 Mbit/s
95th percentile per-packet one-way delay: 86.667 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 422.16 Mbit/s
95th percentile per-packet one-way delay: 56.781 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 366.22 Mbit/s
95th percentile per-packet one-way delay: 61.979 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 214.17 Mbit/s
95th percentile per-packet one-way delay: 142.920 ms
Loss rate: 1.23%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2017-09-07 23:31:37

End at: 2017-09-07 23:32:07

Local clock offset: 0.969 ms

Remote clock offset: -0.99 ms

Below is generated by plot.py at 2017-09-08 07:12:00

Datalink statistics

-- Total of 3 flows:

Average throughput: 623.54 Mbit/s

95th percentile per-packet one-way delay: 74.567 ms

Loss rate: 0.15%

-- Flow 1:

Average throughput: 371.11 Mbit/s

95th percentile per-packet one-way delay: 51.394 ms

Loss rate: 0.10%

-- Flow 2:

Average throughput: 268.85 Mbit/s

95th percentile per-packet one-way delay: 76.810 ms

Loss rate: 0.17%

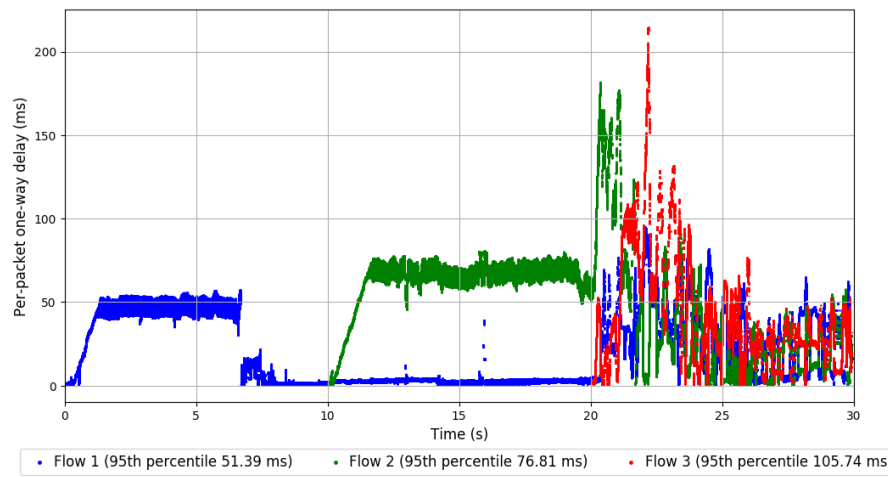
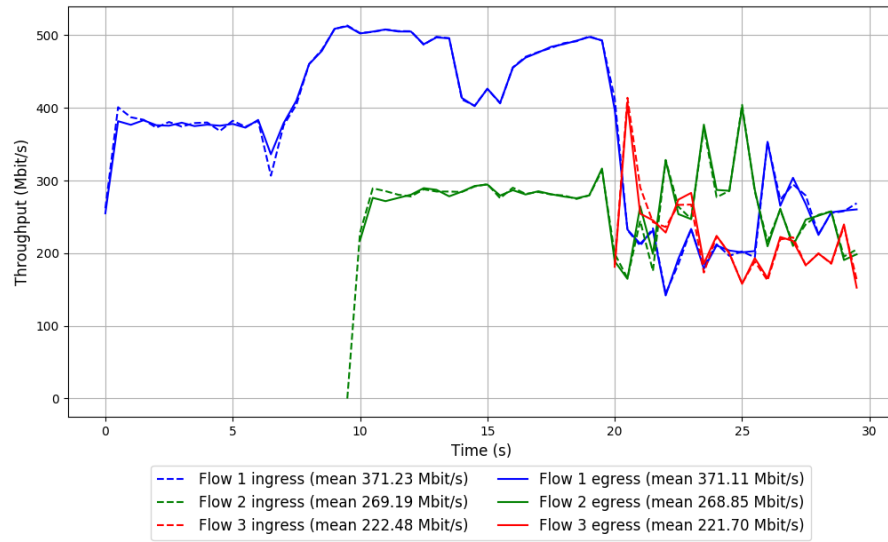
-- Flow 3:

Average throughput: 221.70 Mbit/s

95th percentile per-packet one-way delay: 105.743 ms

Loss rate: 0.39%

Run 5: Report of TCP Cubic — Data Link

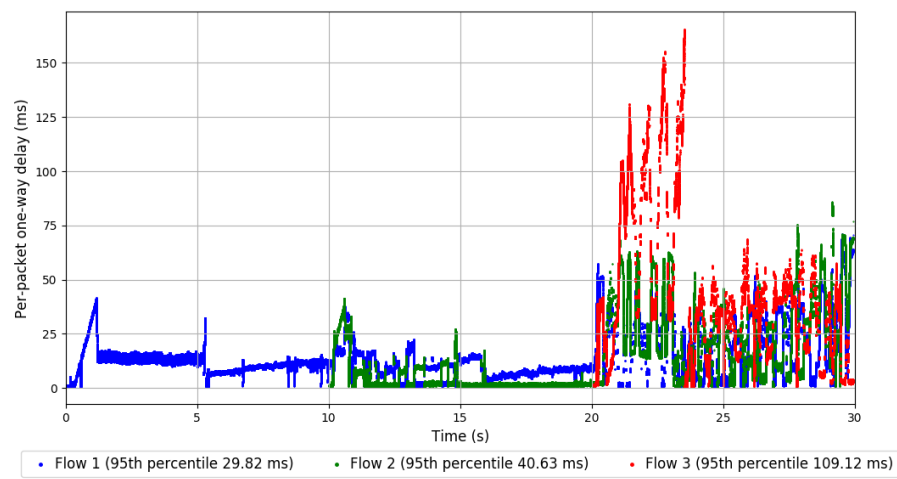
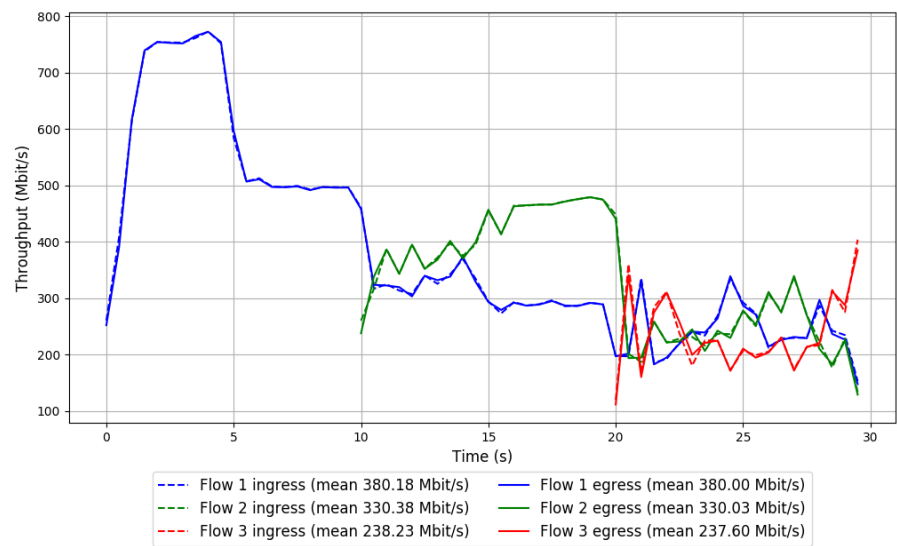


Run 6: Statistics of TCP Cubic

Start at: 2017-09-07 23:53:37
End at: 2017-09-07 23:54:07
Local clock offset: 0.741 ms
Remote clock offset: -1.344 ms

Below is generated by plot.py at 2017-09-08 07:13:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 678.37 Mbit/s
95th percentile per-packet one-way delay: 43.379 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 380.00 Mbit/s
95th percentile per-packet one-way delay: 29.819 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 330.03 Mbit/s
95th percentile per-packet one-way delay: 40.631 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 237.60 Mbit/s
95th percentile per-packet one-way delay: 109.116 ms
Loss rate: 0.47%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: 2017-09-08 00:15:41

End at: 2017-09-08 00:16:11

Local clock offset: 0.86 ms

Remote clock offset: -1.23 ms

Below is generated by plot.py at 2017-09-08 07:13:23

Datalink statistics

-- Total of 3 flows:

Average throughput: 620.07 Mbit/s

95th percentile per-packet one-way delay: 42.063 ms

Loss rate: 0.13%

-- Flow 1:

Average throughput: 364.71 Mbit/s

95th percentile per-packet one-way delay: 28.189 ms

Loss rate: 0.08%

-- Flow 2:

Average throughput: 270.32 Mbit/s

95th percentile per-packet one-way delay: 66.536 ms

Loss rate: 0.17%

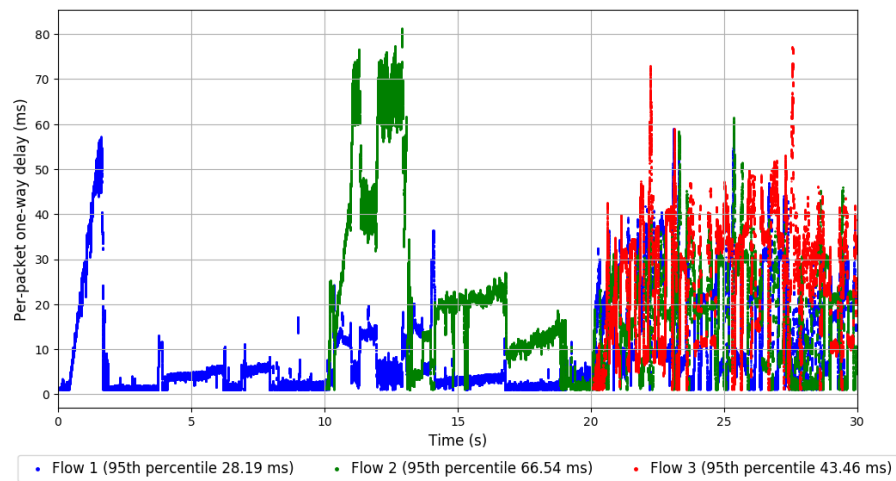
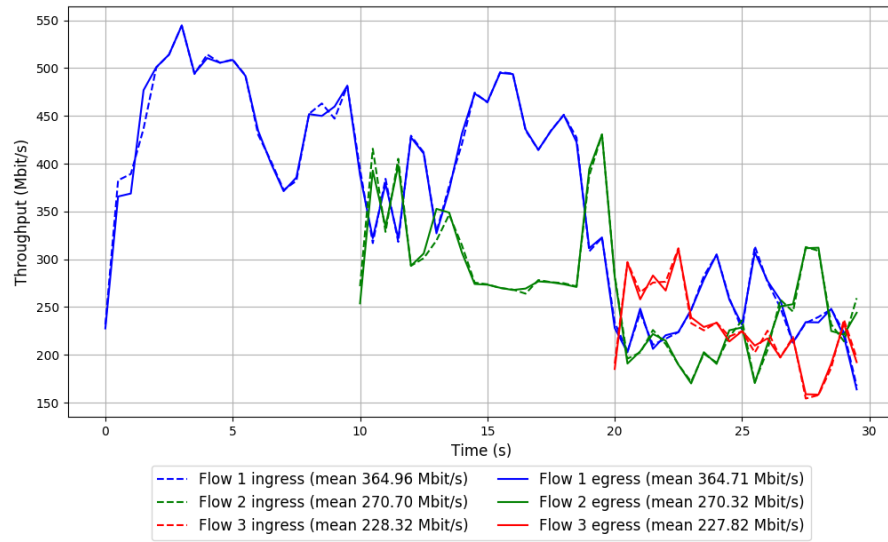
-- Flow 3:

Average throughput: 227.82 Mbit/s

95th percentile per-packet one-way delay: 43.461 ms

Loss rate: 0.31%

Run 7: Report of TCP Cubic — Data Link

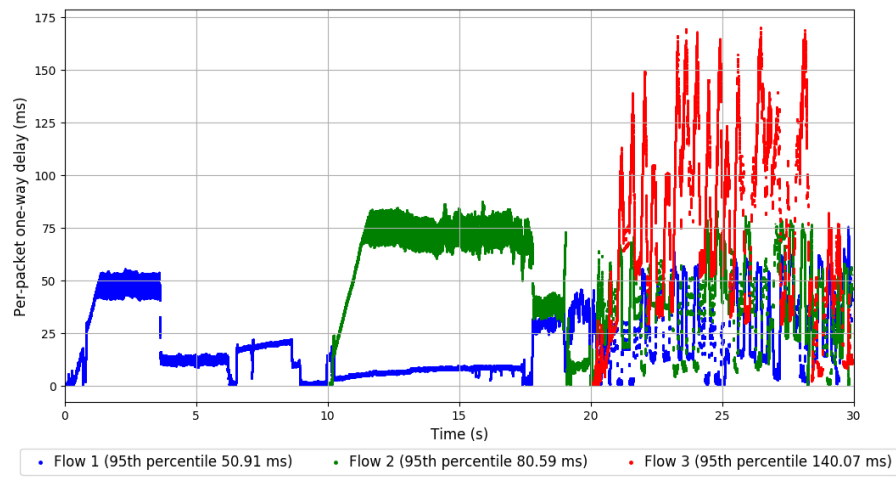
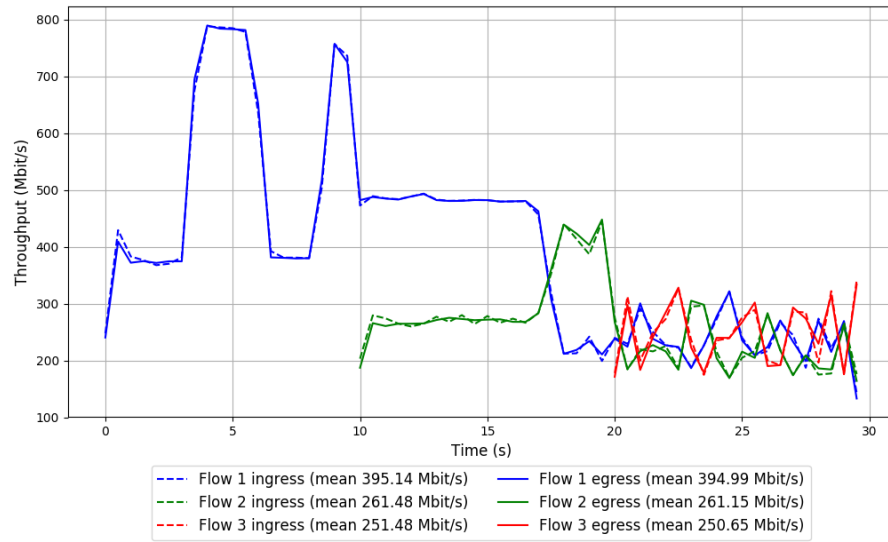


Run 8: Statistics of TCP Cubic

Start at: 2017-09-08 00:37:43
End at: 2017-09-08 00:38:13
Local clock offset: 0.795 ms
Remote clock offset: -1.258 ms

Below is generated by plot.py at 2017-09-08 07:14:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 651.49 Mbit/s
95th percentile per-packet one-way delay: 82.029 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 394.99 Mbit/s
95th percentile per-packet one-way delay: 50.912 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 261.15 Mbit/s
95th percentile per-packet one-way delay: 80.587 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 250.65 Mbit/s
95th percentile per-packet one-way delay: 140.075 ms
Loss rate: 0.54%

Run 8: Report of TCP Cubic — Data Link

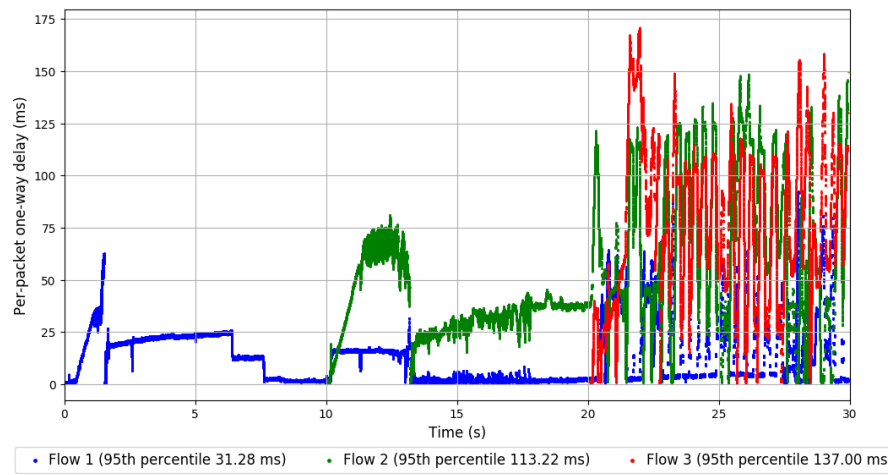
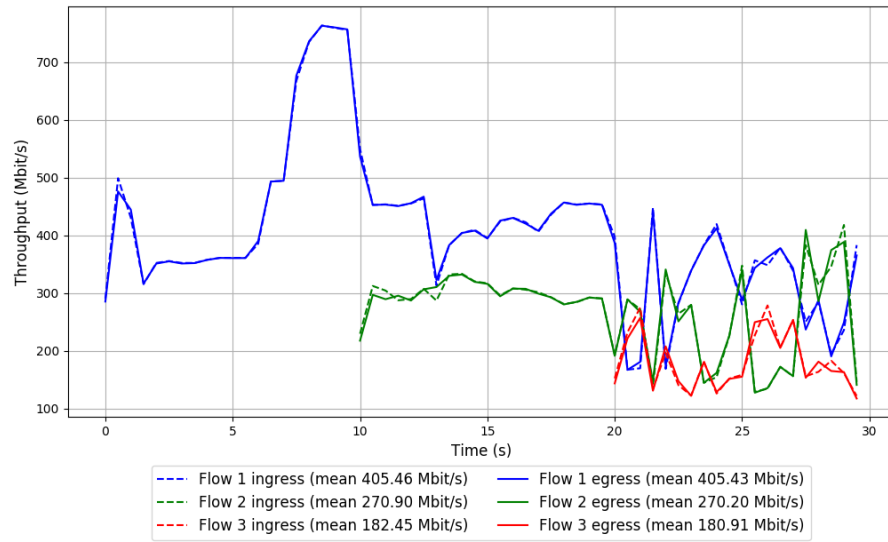


Run 9: Statistics of TCP Cubic

Start at: 2017-09-08 00:59:47
End at: 2017-09-08 01:00:17
Local clock offset: 0.832 ms
Remote clock offset: -1.029 ms

Below is generated by plot.py at 2017-09-08 07:14:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 645.02 Mbit/s
95th percentile per-packet one-way delay: 92.607 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 405.43 Mbit/s
95th percentile per-packet one-way delay: 31.276 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 270.20 Mbit/s
95th percentile per-packet one-way delay: 113.218 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 180.91 Mbit/s
95th percentile per-packet one-way delay: 137.004 ms
Loss rate: 0.88%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2017-09-08 01:21:32

End at: 2017-09-08 01:22:02

Local clock offset: 0.781 ms

Remote clock offset: -1.35 ms

Below is generated by plot.py at 2017-09-08 07:16:02

Datalink statistics

-- Total of 3 flows:

Average throughput: 648.07 Mbit/s

95th percentile per-packet one-way delay: 40.242 ms

Loss rate: 0.11%

-- Flow 1:

Average throughput: 343.37 Mbit/s

95th percentile per-packet one-way delay: 32.758 ms

Loss rate: 0.06%

-- Flow 2:

Average throughput: 330.91 Mbit/s

95th percentile per-packet one-way delay: 26.666 ms

Loss rate: 0.12%

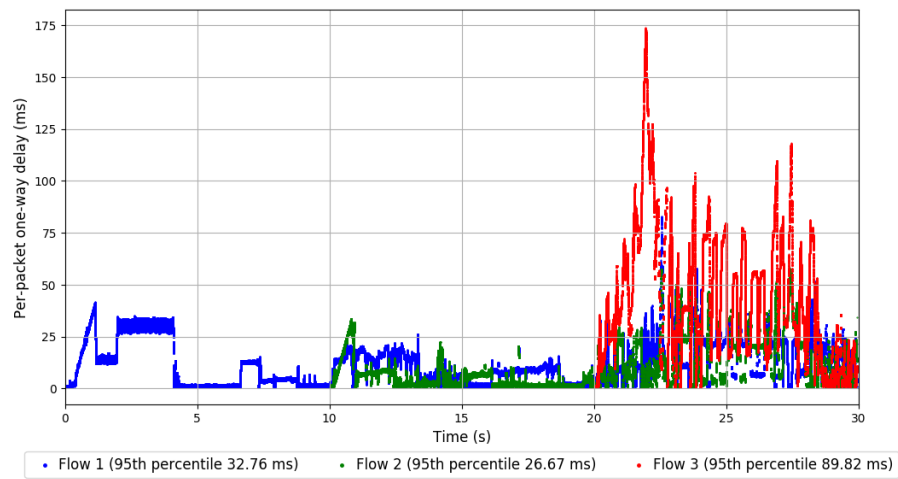
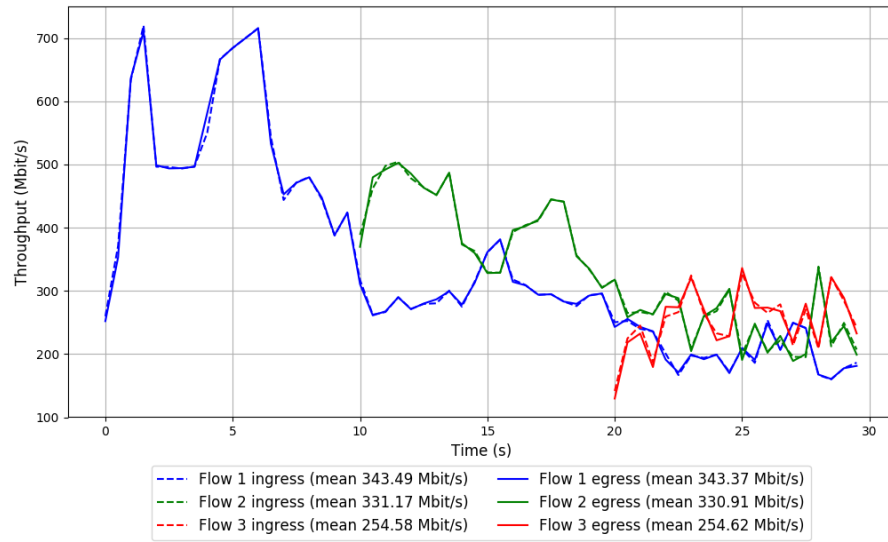
-- Flow 3:

Average throughput: 254.62 Mbit/s

95th percentile per-packet one-way delay: 89.818 ms

Loss rate: 0.26%

Run 10: Report of TCP Cubic — Data Link

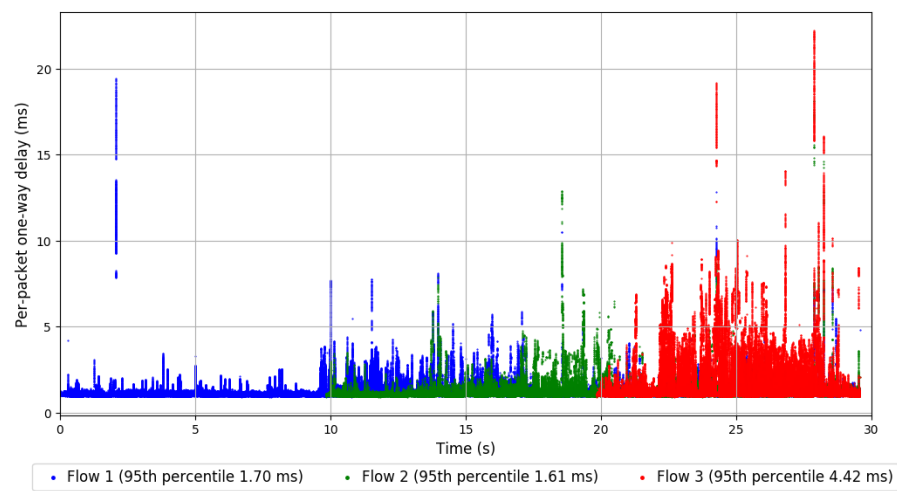
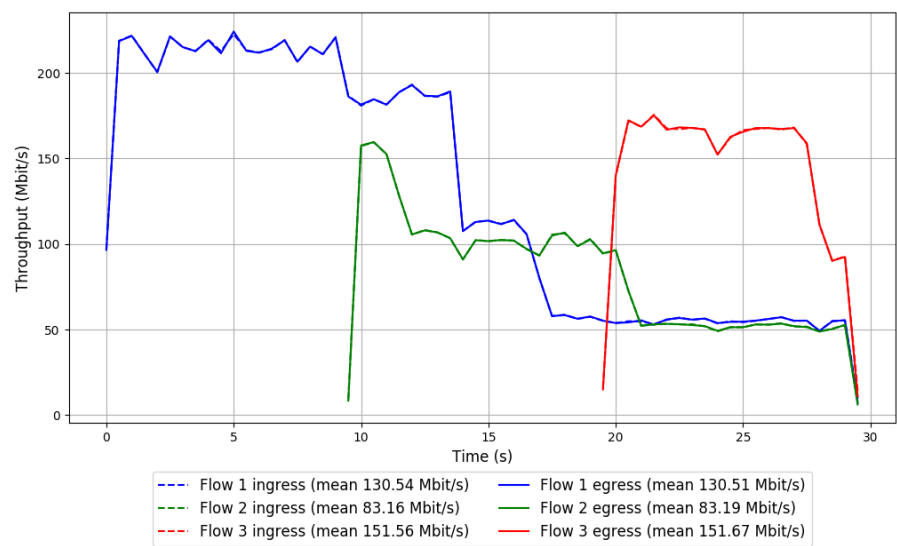


Run 1: Statistics of Indigo

Start at: 2017-09-07 21:51:46
End at: 2017-09-07 21:52:16
Local clock offset: 0.952 ms
Remote clock offset: -2.743 ms

Below is generated by plot.py at 2017-09-08 07:16:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 235.99 Mbit/s
95th percentile per-packet one-way delay: 2.384 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 130.51 Mbit/s
95th percentile per-packet one-way delay: 1.697 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 83.19 Mbit/s
95th percentile per-packet one-way delay: 1.611 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 151.67 Mbit/s
95th percentile per-packet one-way delay: 4.424 ms
Loss rate: 0.12%

Run 1: Report of Indigo — Data Link

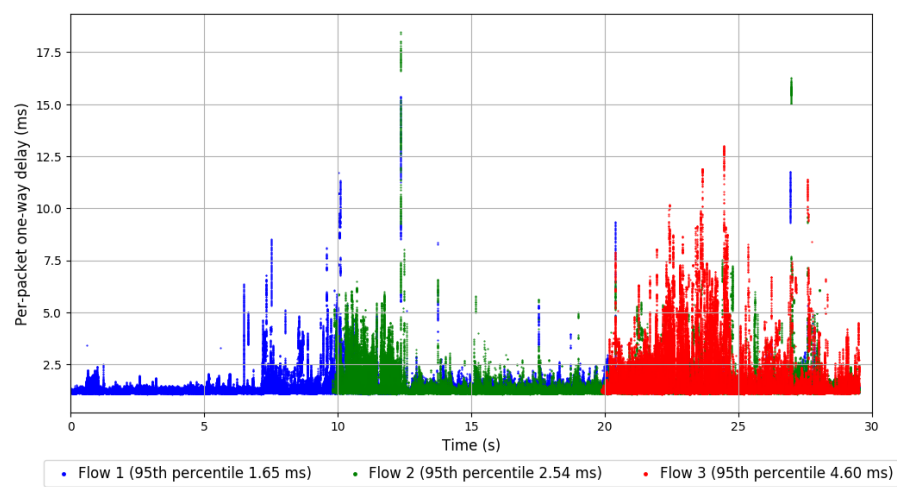
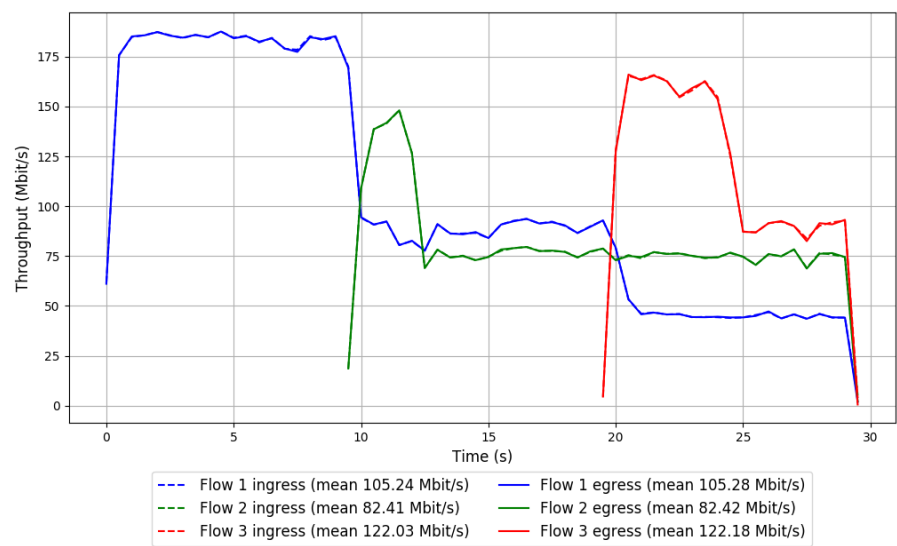


Run 2: Statistics of Indigo

Start at: 2017-09-07 22:13:52
End at: 2017-09-07 22:14:22
Local clock offset: 1.127 ms
Remote clock offset: -2.076 ms

Below is generated by plot.py at 2017-09-08 07:16:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 200.18 Mbit/s
95th percentile per-packet one-way delay: 2.663 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 105.28 Mbit/s
95th percentile per-packet one-way delay: 1.651 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 82.42 Mbit/s
95th percentile per-packet one-way delay: 2.542 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 122.18 Mbit/s
95th percentile per-packet one-way delay: 4.602 ms
Loss rate: 0.17%

Run 2: Report of Indigo — Data Link

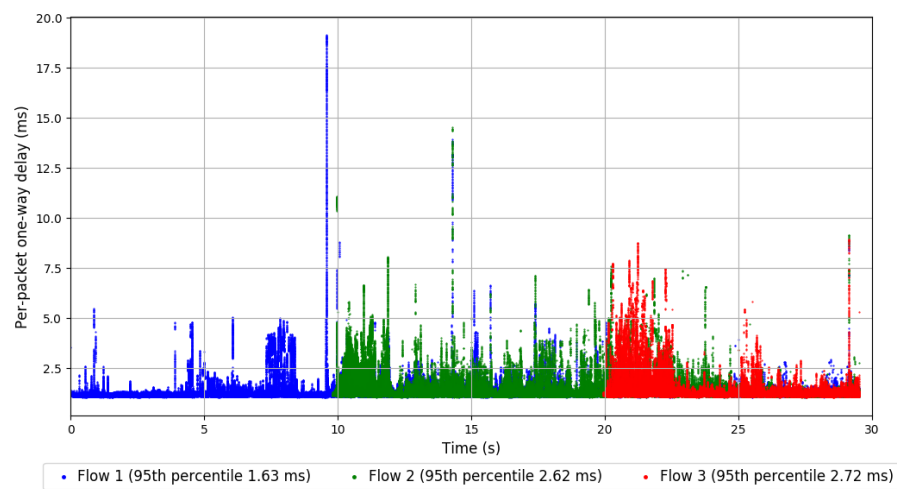
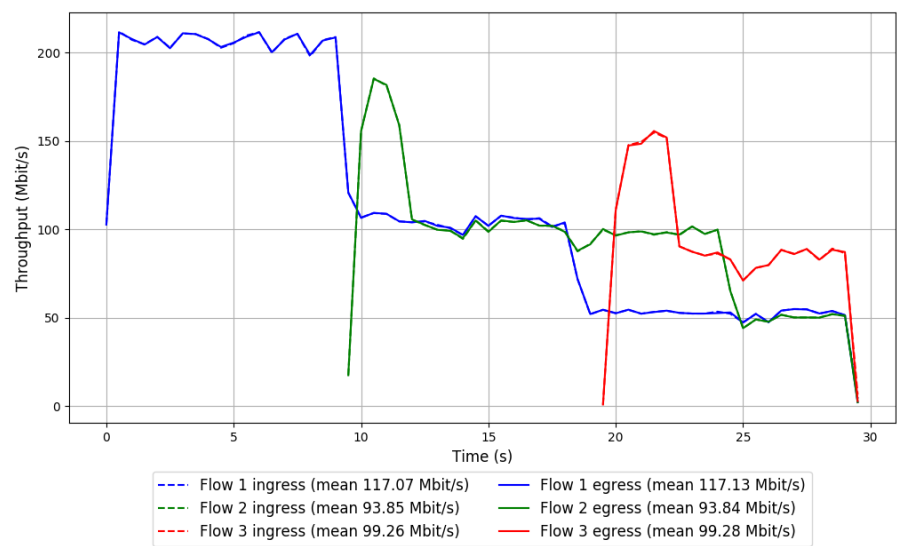


Run 3: Statistics of Indigo

Start at: 2017-09-07 22:35:55
End at: 2017-09-07 22:36:25
Local clock offset: 1.039 ms
Remote clock offset: -1.822 ms

Below is generated by plot.py at 2017-09-08 07:16:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 211.99 Mbit/s
95th percentile per-packet one-way delay: 2.142 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 117.13 Mbit/s
95th percentile per-packet one-way delay: 1.629 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 93.84 Mbit/s
95th percentile per-packet one-way delay: 2.616 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 99.28 Mbit/s
95th percentile per-packet one-way delay: 2.722 ms
Loss rate: 0.19%

Run 3: Report of Indigo — Data Link

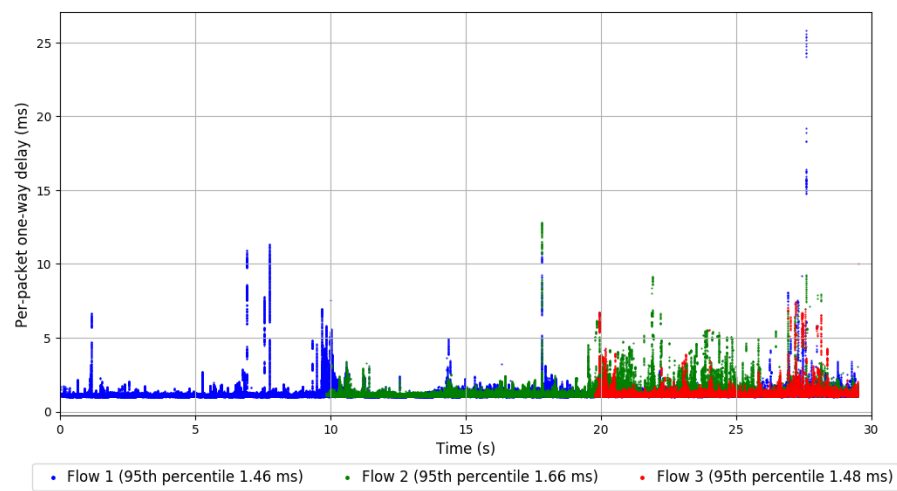
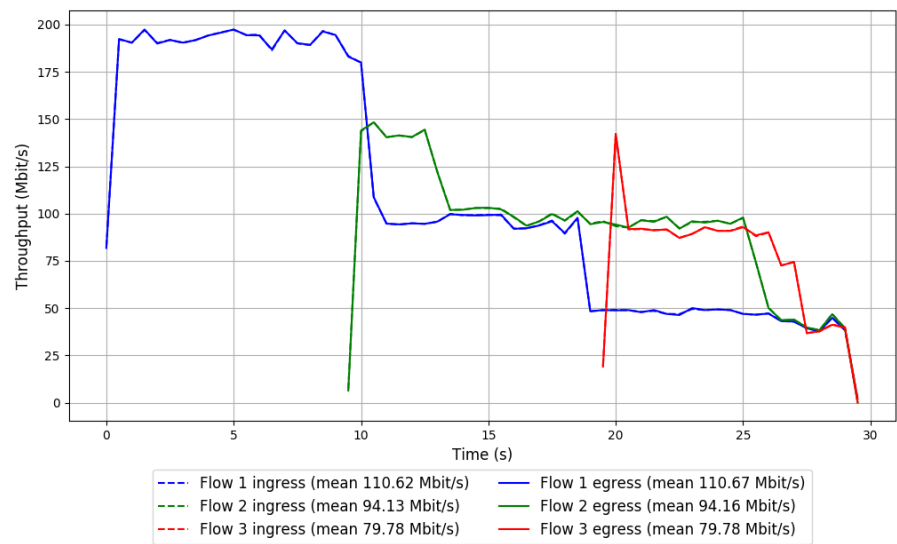


Run 4: Statistics of Indigo

Start at: 2017-09-07 22:58:02
End at: 2017-09-07 22:58:32
Local clock offset: 1.051 ms
Remote clock offset: -1.304 ms

Below is generated by plot.py at 2017-09-08 07:16:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 199.64 Mbit/s
95th percentile per-packet one-way delay: 1.524 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 110.67 Mbit/s
95th percentile per-packet one-way delay: 1.455 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 94.16 Mbit/s
95th percentile per-packet one-way delay: 1.658 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 79.78 Mbit/s
95th percentile per-packet one-way delay: 1.477 ms
Loss rate: 0.12%

Run 4: Report of Indigo — Data Link

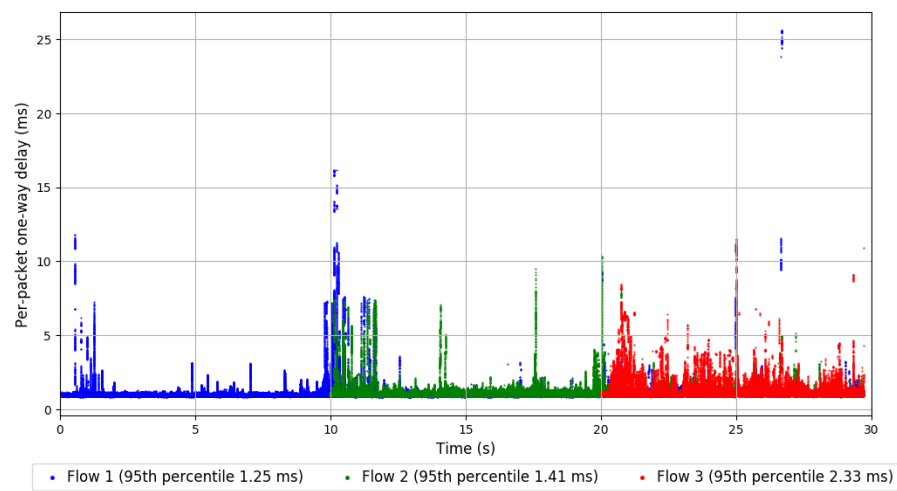
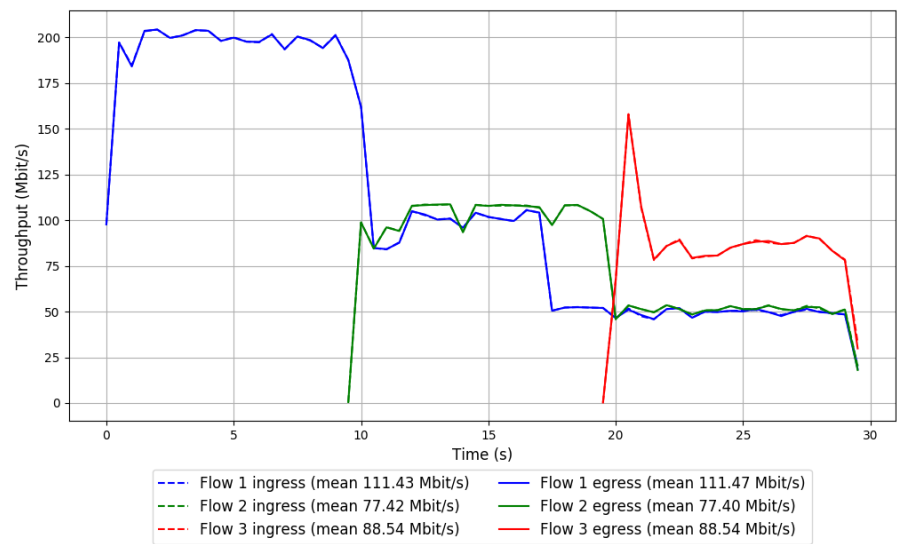


Run 5: Statistics of Indigo

Start at: 2017-09-07 23:20:09
End at: 2017-09-07 23:20:39
Local clock offset: 1.01 ms
Remote clock offset: -1.045 ms

Below is generated by plot.py at 2017-09-08 07:16:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 191.85 Mbit/s
95th percentile per-packet one-way delay: 1.503 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 111.47 Mbit/s
95th percentile per-packet one-way delay: 1.246 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 77.40 Mbit/s
95th percentile per-packet one-way delay: 1.408 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 88.54 Mbit/s
95th percentile per-packet one-way delay: 2.327 ms
Loss rate: 0.21%

Run 5: Report of Indigo — Data Link



Run 6: Statistics of Indigo

Start at: 2017-09-07 23:42:14

End at: 2017-09-07 23:42:44

Local clock offset: 0.848 ms

Remote clock offset: -1.26 ms

Below is generated by plot.py at 2017-09-08 07:16:55

Datalink statistics

-- Total of 3 flows:

Average throughput: 195.41 Mbit/s

95th percentile per-packet one-way delay: 2.878 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 92.38 Mbit/s

95th percentile per-packet one-way delay: 1.438 ms

Loss rate: 0.04%

-- Flow 2:

Average throughput: 111.64 Mbit/s

95th percentile per-packet one-way delay: 3.998 ms

Loss rate: 0.05%

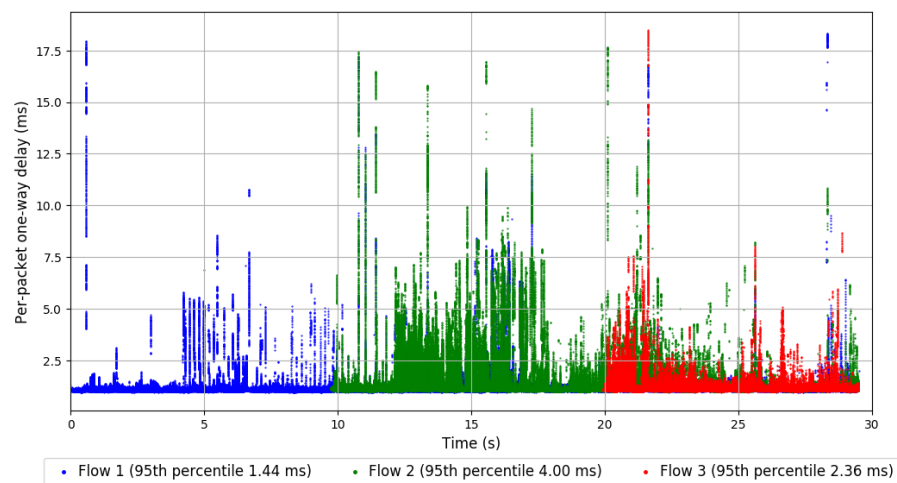
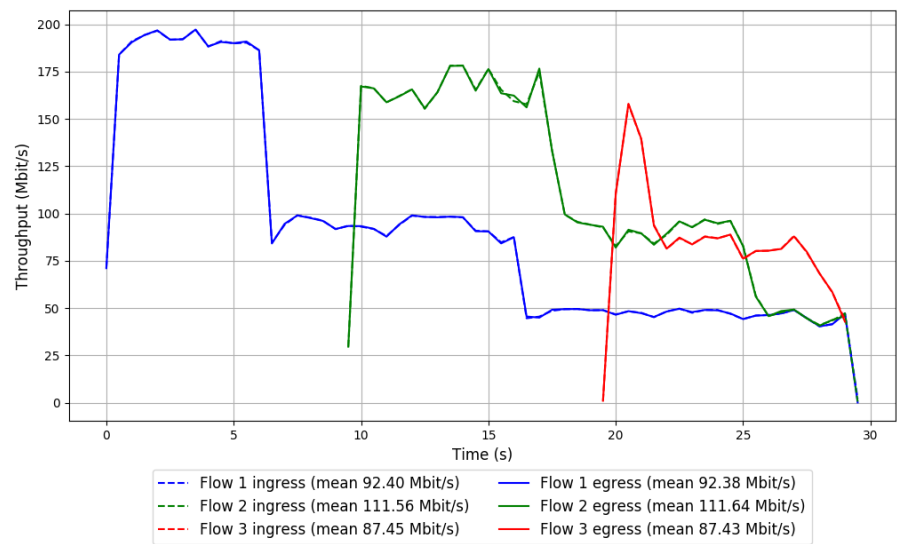
-- Flow 3:

Average throughput: 87.43 Mbit/s

95th percentile per-packet one-way delay: 2.361 ms

Loss rate: 0.06%

Run 6: Report of Indigo — Data Link

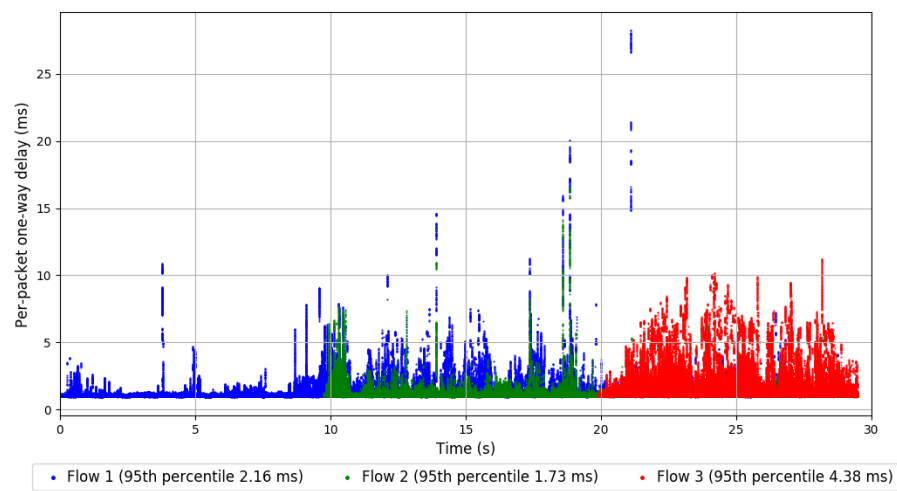
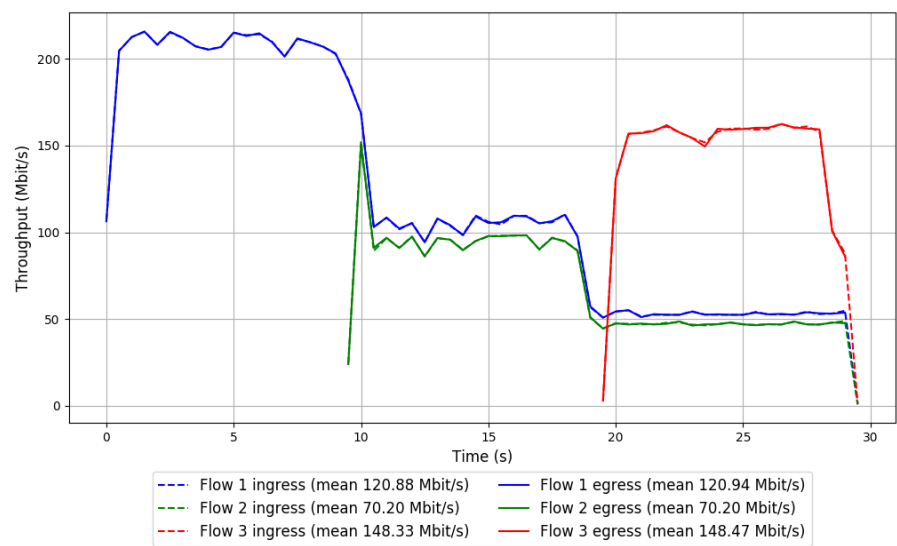


Run 7: Statistics of Indigo

Start at: 2017-09-08 00:04:16
End at: 2017-09-08 00:04:46
Local clock offset: 0.832 ms
Remote clock offset: -1.196 ms

Below is generated by plot.py at 2017-09-08 07:17:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 216.34 Mbit/s
95th percentile per-packet one-way delay: 2.675 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 120.94 Mbit/s
95th percentile per-packet one-way delay: 2.163 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 70.20 Mbit/s
95th percentile per-packet one-way delay: 1.732 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 148.47 Mbit/s
95th percentile per-packet one-way delay: 4.383 ms
Loss rate: 0.13%

Run 7: Report of Indigo — Data Link

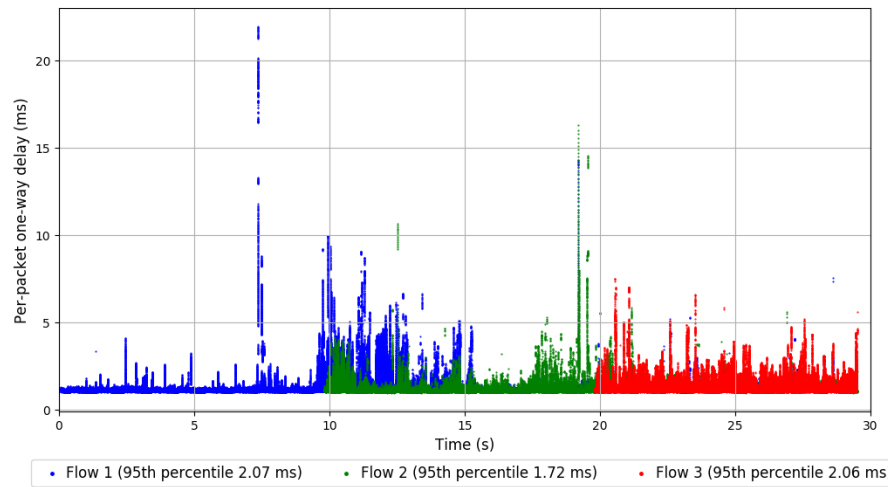
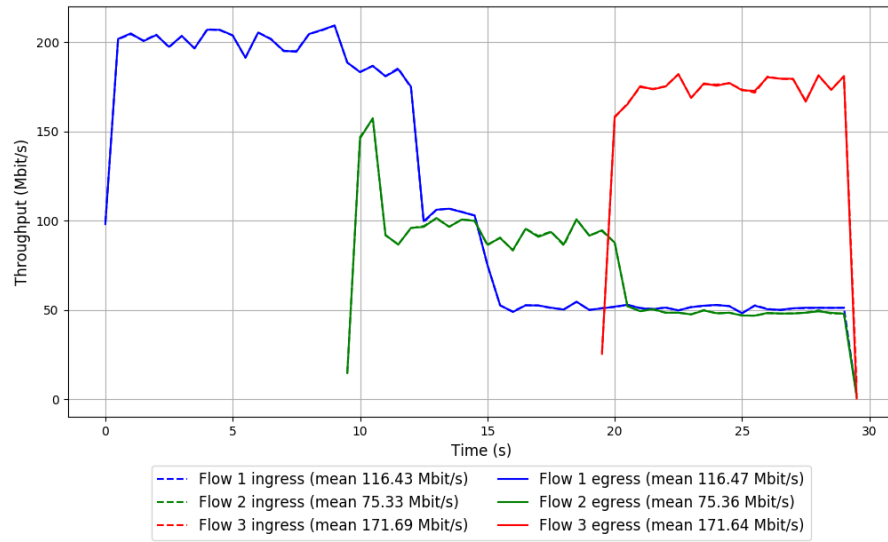


Run 8: Statistics of Indigo

Start at: 2017-09-08 00:26:17
End at: 2017-09-08 00:26:47
Local clock offset: 0.832 ms
Remote clock offset: -1.232 ms

Below is generated by plot.py at 2017-09-08 07:17:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 223.43 Mbit/s
95th percentile per-packet one-way delay: 1.983 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 116.47 Mbit/s
95th percentile per-packet one-way delay: 2.067 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 75.36 Mbit/s
95th percentile per-packet one-way delay: 1.720 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 171.64 Mbit/s
95th percentile per-packet one-way delay: 2.061 ms
Loss rate: 0.23%

Run 8: Report of Indigo — Data Link

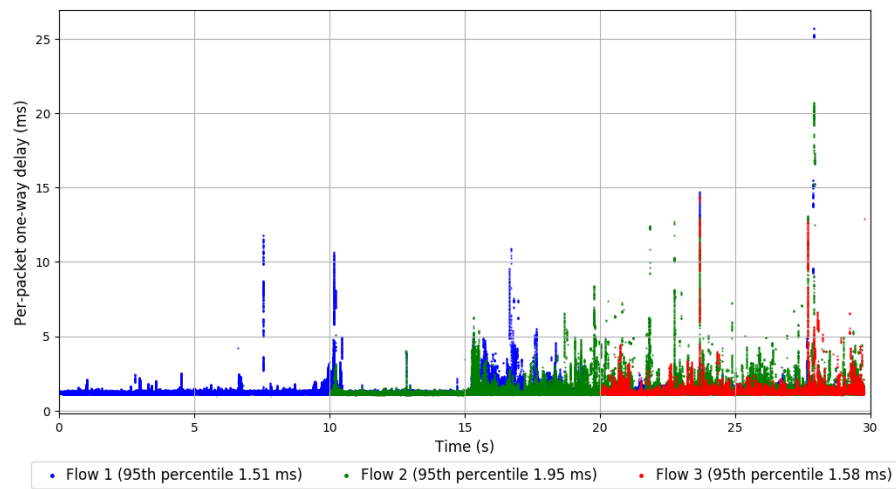
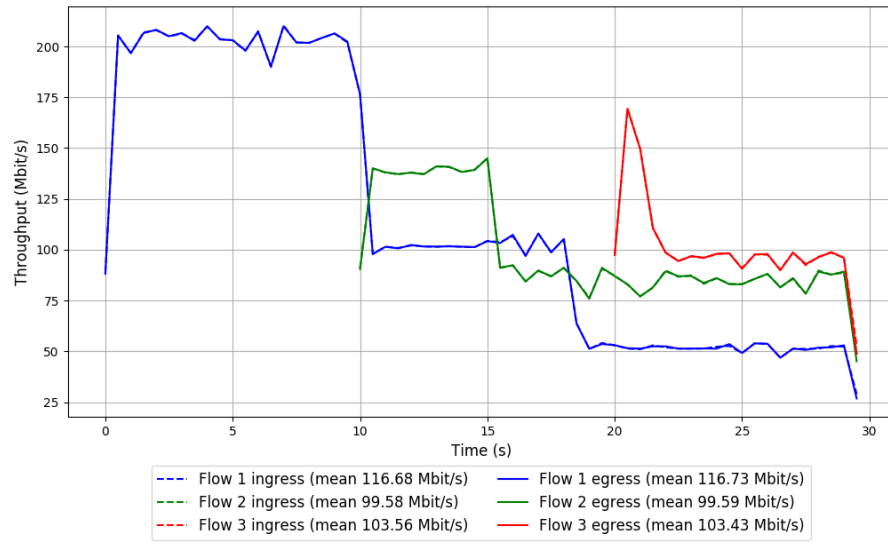


Run 9: Statistics of Indigo

Start at: 2017-09-08 00:48:22
End at: 2017-09-08 00:48:52
Local clock offset: 0.92 ms
Remote clock offset: -1.338 ms

Below is generated by plot.py at 2017-09-08 07:17:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 216.59 Mbit/s
95th percentile per-packet one-way delay: 1.614 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 116.73 Mbit/s
95th percentile per-packet one-way delay: 1.510 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 99.59 Mbit/s
95th percentile per-packet one-way delay: 1.945 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 103.43 Mbit/s
95th percentile per-packet one-way delay: 1.582 ms
Loss rate: 0.21%

Run 9: Report of Indigo — Data Link

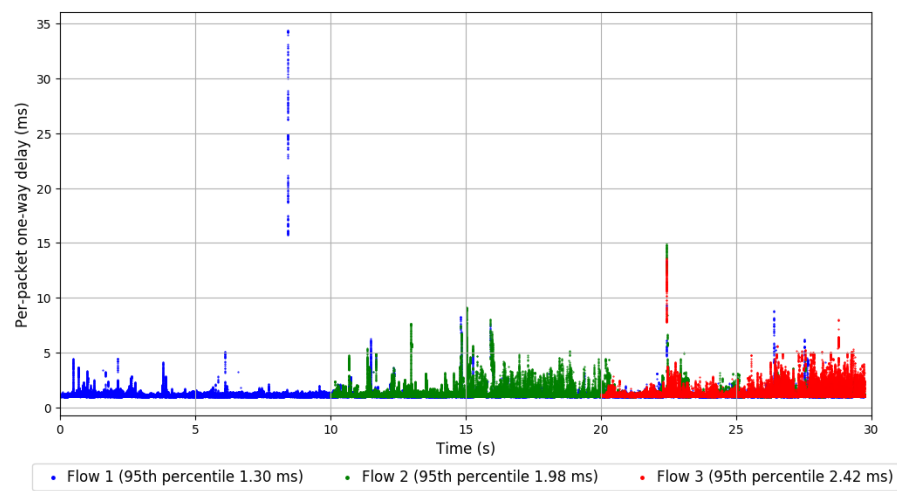
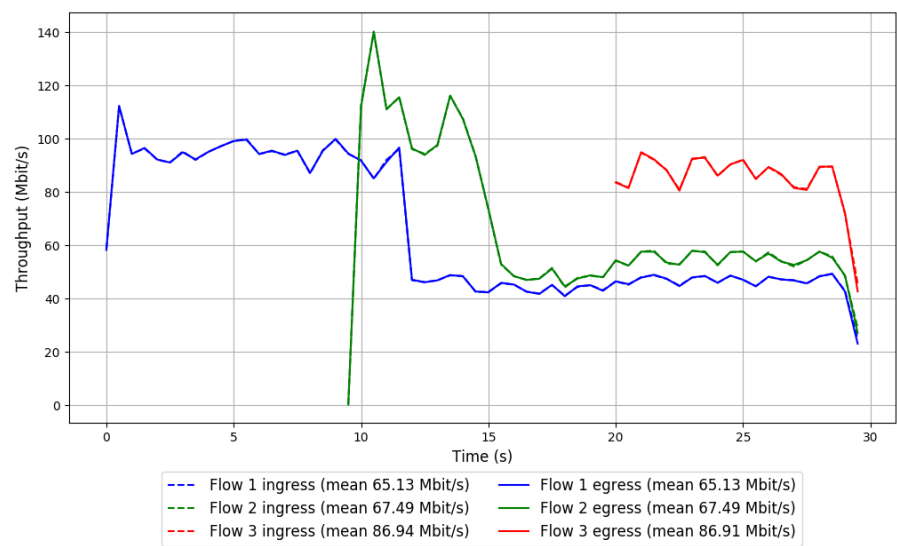


Run 10: Statistics of Indigo

Start at: 2017-09-08 01:10:28
End at: 2017-09-08 01:10:58
Local clock offset: 0.814 ms
Remote clock offset: -1.149 ms

Below is generated by plot.py at 2017-09-08 07:17:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 138.37 Mbit/s
95th percentile per-packet one-way delay: 1.830 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 65.13 Mbit/s
95th percentile per-packet one-way delay: 1.300 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 67.49 Mbit/s
95th percentile per-packet one-way delay: 1.976 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 86.91 Mbit/s
95th percentile per-packet one-way delay: 2.416 ms
Loss rate: 0.19%

Run 10: Report of Indigo — Data Link

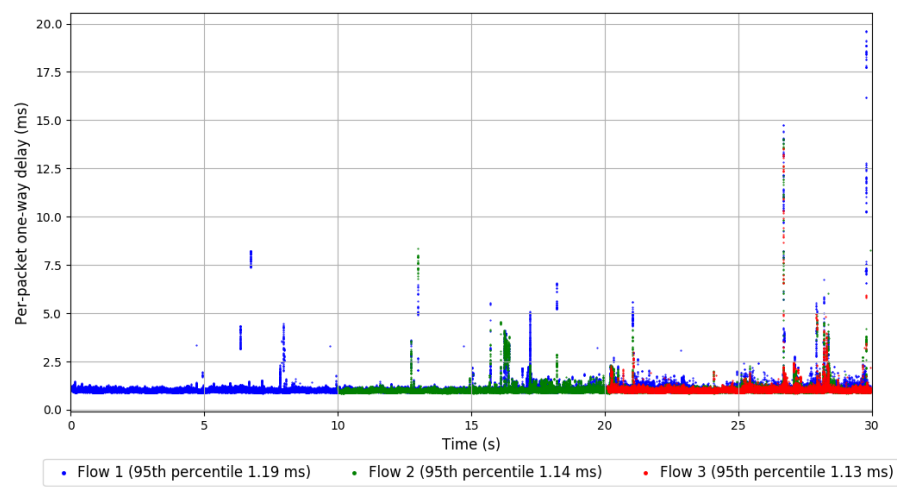
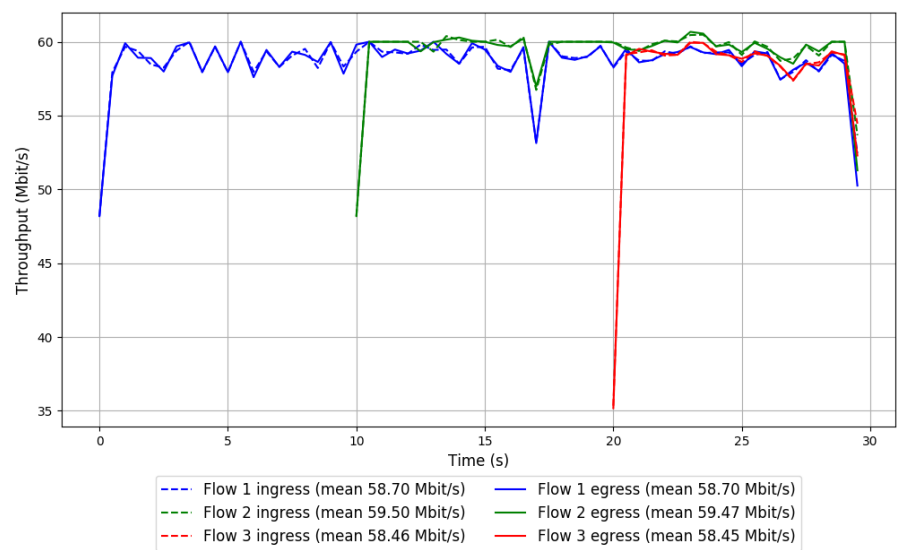


Run 1: Statistics of KohoCC

Start at: 2017-09-07 22:06:44
End at: 2017-09-07 22:07:14
Local clock offset: 0.965 ms
Remote clock offset: -2.263 ms

Below is generated by plot.py at 2017-09-08 07:18:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 117.47 Mbit/s
95th percentile per-packet one-way delay: 1.165 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 58.70 Mbit/s
95th percentile per-packet one-way delay: 1.189 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 59.47 Mbit/s
95th percentile per-packet one-way delay: 1.142 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 58.45 Mbit/s
95th percentile per-packet one-way delay: 1.134 ms
Loss rate: 0.20%

Run 1: Report of KohoCC — Data Link

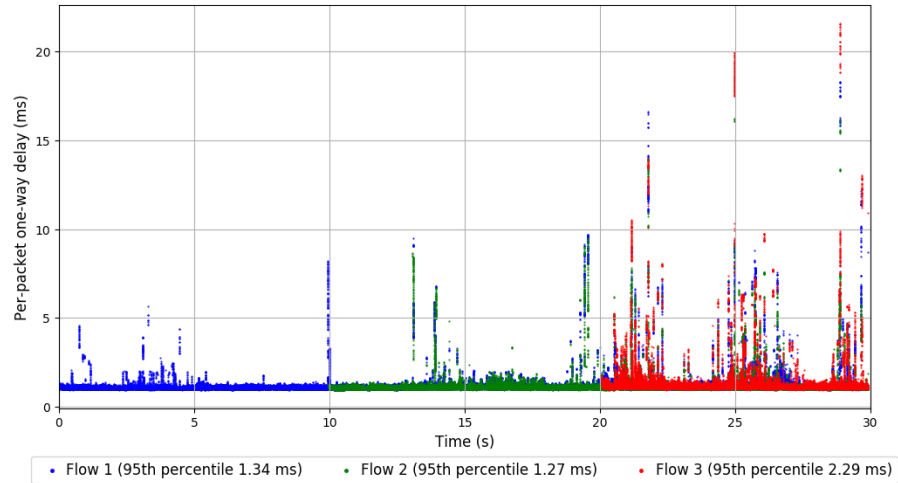
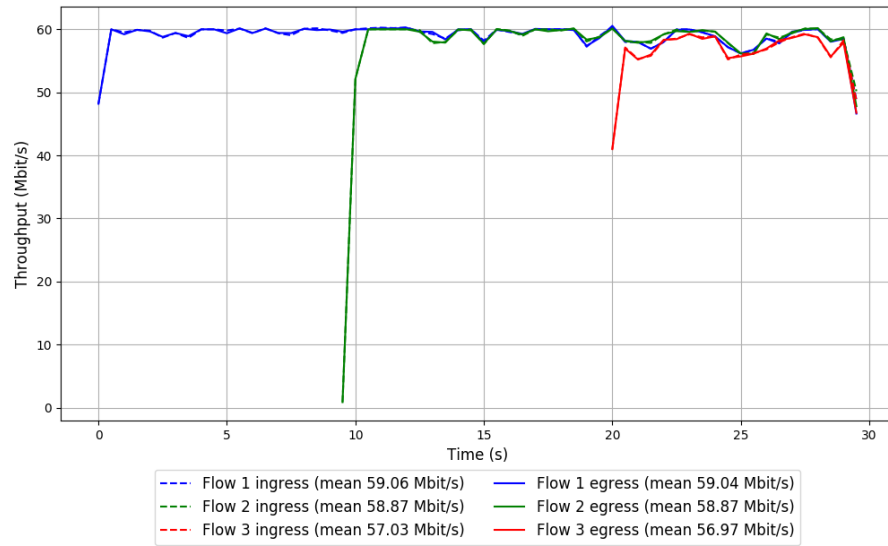


Run 2: Statistics of KohoCC

Start at: 2017-09-07 22:28:46
End at: 2017-09-07 22:29:16
Local clock offset: 0.993 ms
Remote clock offset: -1.742 ms

Below is generated by plot.py at 2017-09-08 07:18:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 117.02 Mbit/s
95th percentile per-packet one-way delay: 1.407 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 59.04 Mbit/s
95th percentile per-packet one-way delay: 1.342 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 58.87 Mbit/s
95th percentile per-packet one-way delay: 1.272 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 56.97 Mbit/s
95th percentile per-packet one-way delay: 2.289 ms
Loss rate: 0.21%

Run 2: Report of KohoCC — Data Link

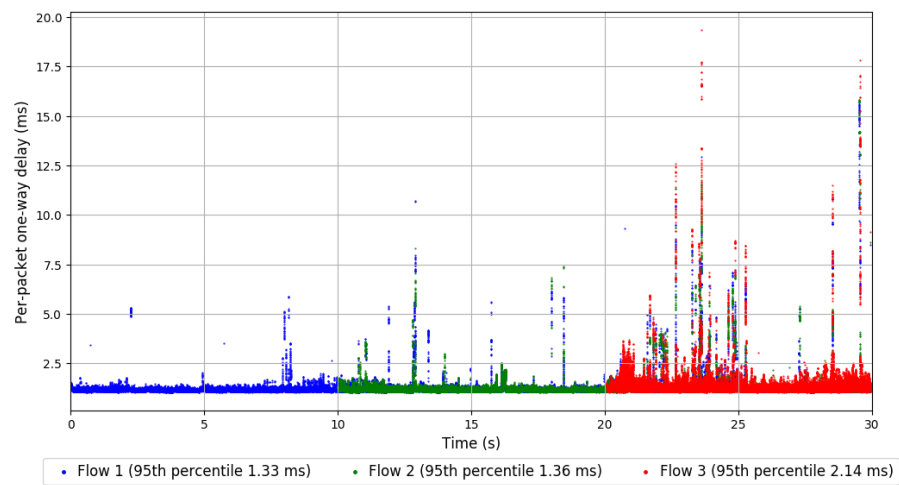
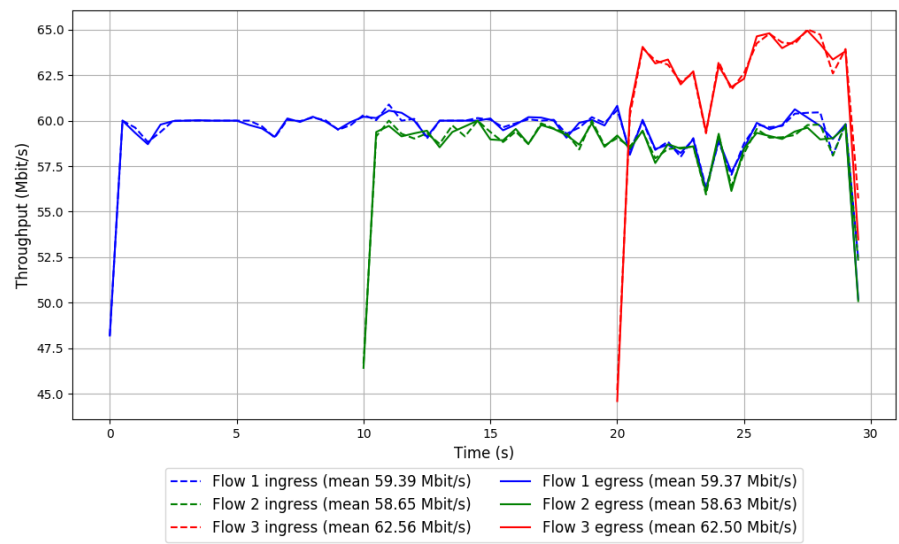


Run 3: Statistics of KohoCC

Start at: 2017-09-07 22:50:51
End at: 2017-09-07 22:51:21
Local clock offset: 1.003 ms
Remote clock offset: -1.558 ms

Below is generated by plot.py at 2017-09-08 07:18:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 119.01 Mbit/s
95th percentile per-packet one-way delay: 1.496 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 59.37 Mbit/s
95th percentile per-packet one-way delay: 1.335 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 58.63 Mbit/s
95th percentile per-packet one-way delay: 1.360 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 62.50 Mbit/s
95th percentile per-packet one-way delay: 2.137 ms
Loss rate: 0.19%

Run 3: Report of KohoCC — Data Link



Run 4: Statistics of KohoCC

Start at: 2017-09-07 23:13:02

End at: 2017-09-07 23:13:32

Local clock offset: 1.047 ms

Remote clock offset: -1.21 ms

Below is generated by plot.py at 2017-09-08 07:18:20

Datalink statistics

-- Total of 3 flows:

Average throughput: 118.20 Mbit/s

95th percentile per-packet one-way delay: 1.215 ms

Loss rate: 0.10%

-- Flow 1:

Average throughput: 59.53 Mbit/s

95th percentile per-packet one-way delay: 1.228 ms

Loss rate: 0.07%

-- Flow 2:

Average throughput: 59.48 Mbit/s

95th percentile per-packet one-way delay: 1.187 ms

Loss rate: 0.10%

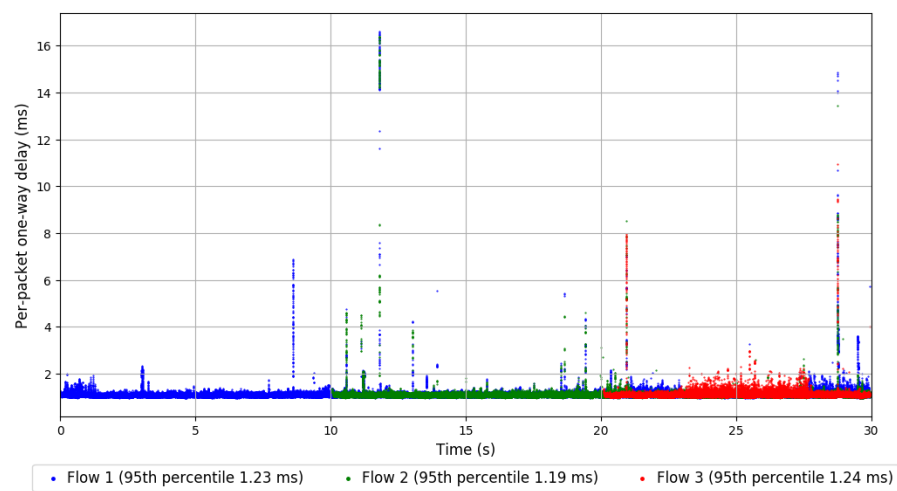
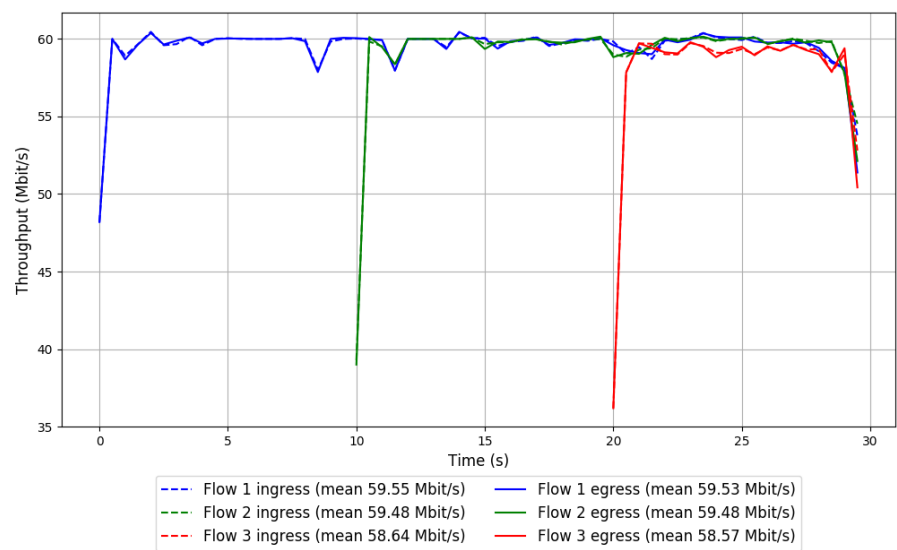
-- Flow 3:

Average throughput: 58.57 Mbit/s

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

Loss rate: 0.21%

Run 4: Report of KohoCC — Data Link

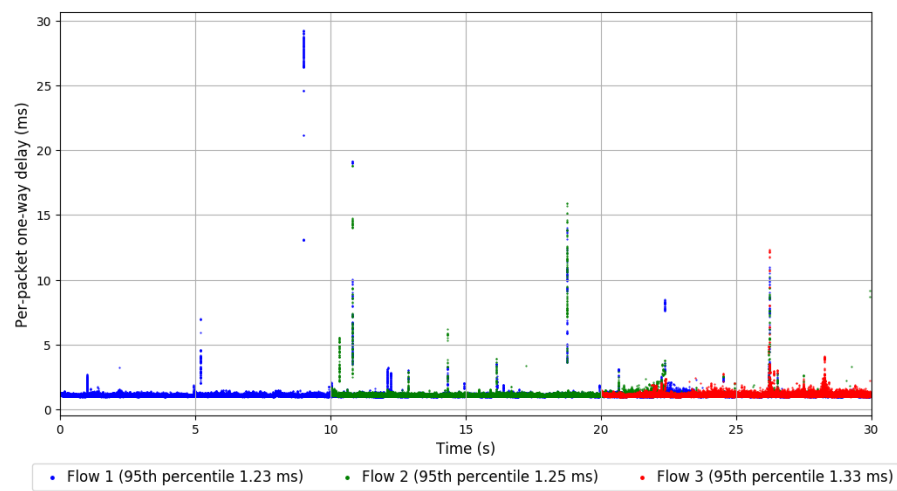
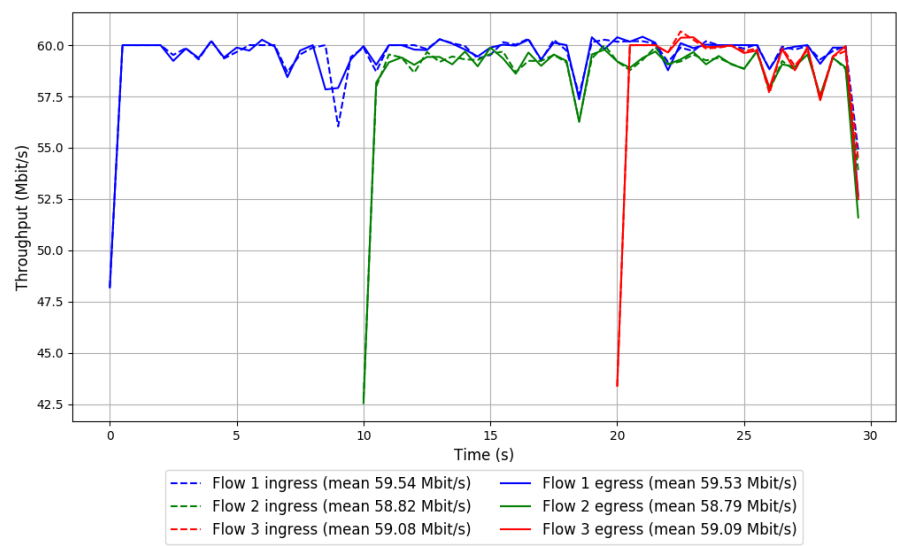


Run 5: Statistics of KohoCC

Start at: 2017-09-07 23:35:04
End at: 2017-09-07 23:35:34
Local clock offset: 0.938 ms
Remote clock offset: -1.098 ms

Below is generated by plot.py at 2017-09-08 07:18:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 118.11 Mbit/s
95th percentile per-packet one-way delay: 1.256 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 59.53 Mbit/s
95th percentile per-packet one-way delay: 1.231 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 58.79 Mbit/s
95th percentile per-packet one-way delay: 1.251 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 59.09 Mbit/s
95th percentile per-packet one-way delay: 1.332 ms
Loss rate: 0.17%

Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

Start at: 2017-09-07 23:57:06

End at: 2017-09-07 23:57:36

Local clock offset: 0.73 ms

Remote clock offset: -1.22 ms

Below is generated by plot.py at 2017-09-08 07:18:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 118.09 Mbit/s

95th percentile per-packet one-way delay: 1.134 ms

Loss rate: 0.10%

-- Flow 1:

Average throughput: 59.51 Mbit/s

95th percentile per-packet one-way delay: 1.146 ms

Loss rate: 0.06%

-- Flow 2:

Average throughput: 58.80 Mbit/s

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

Loss rate: 0.10%

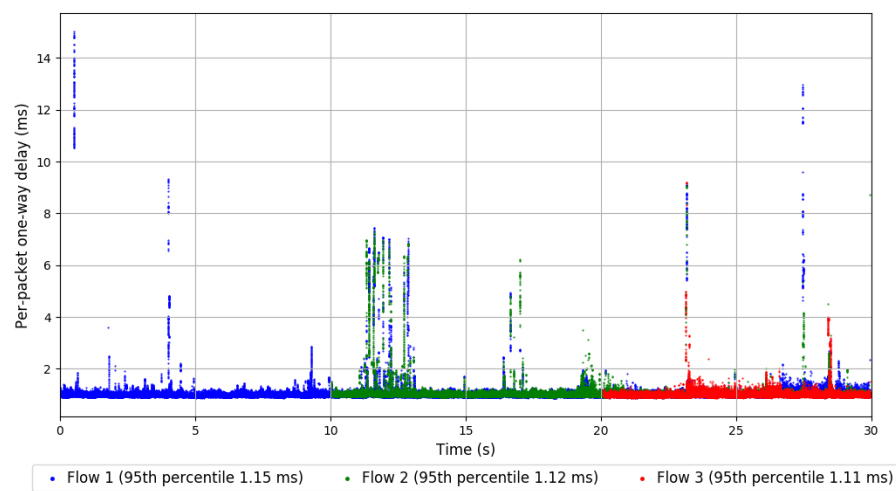
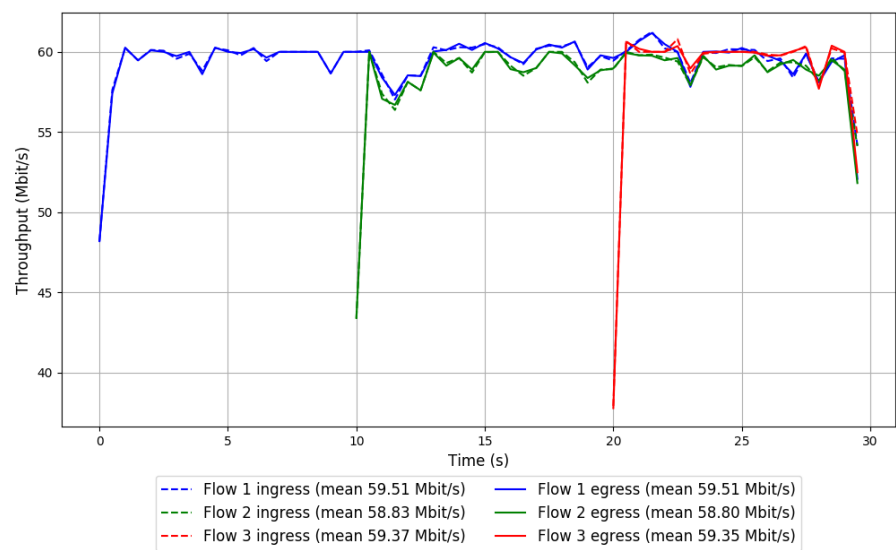
-- Flow 3:

Average throughput: 59.35 Mbit/s

95th percentile per-packet one-way delay: 1.114 ms

Loss rate: 0.20%

Run 6: Report of KohoCC — Data Link

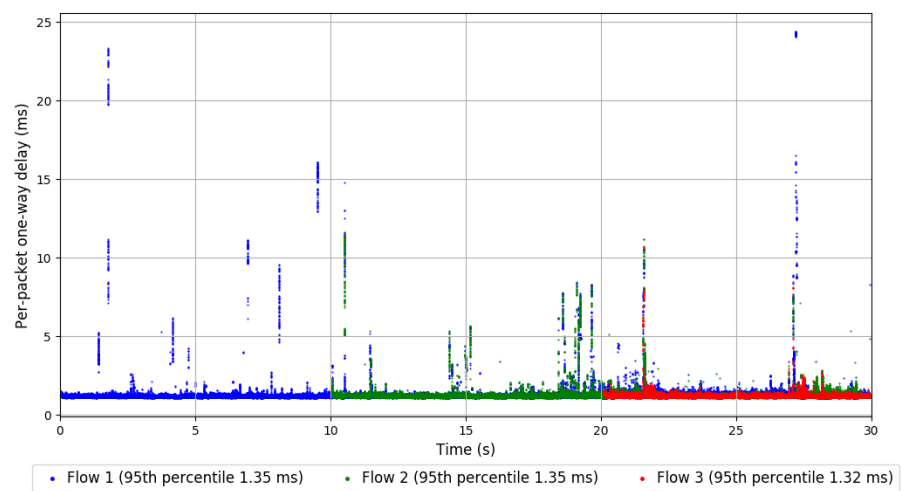
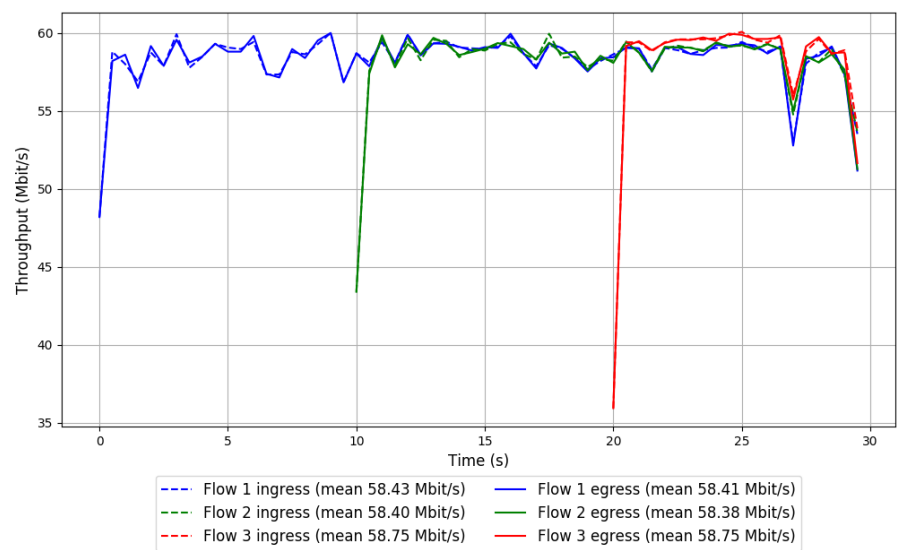


Run 7: Statistics of KohoCC

Start at: 2017-09-08 00:19:08
End at: 2017-09-08 00:19:38
Local clock offset: 0.872 ms
Remote clock offset: -1.242 ms

Below is generated by plot.py at 2017-09-08 07:18:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 116.48 Mbit/s
95th percentile per-packet one-way delay: 1.346 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 58.41 Mbit/s
95th percentile per-packet one-way delay: 1.352 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 58.38 Mbit/s
95th percentile per-packet one-way delay: 1.351 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 58.75 Mbit/s
95th percentile per-packet one-way delay: 1.323 ms
Loss rate: 0.21%

Run 7: Report of KohoCC — Data Link

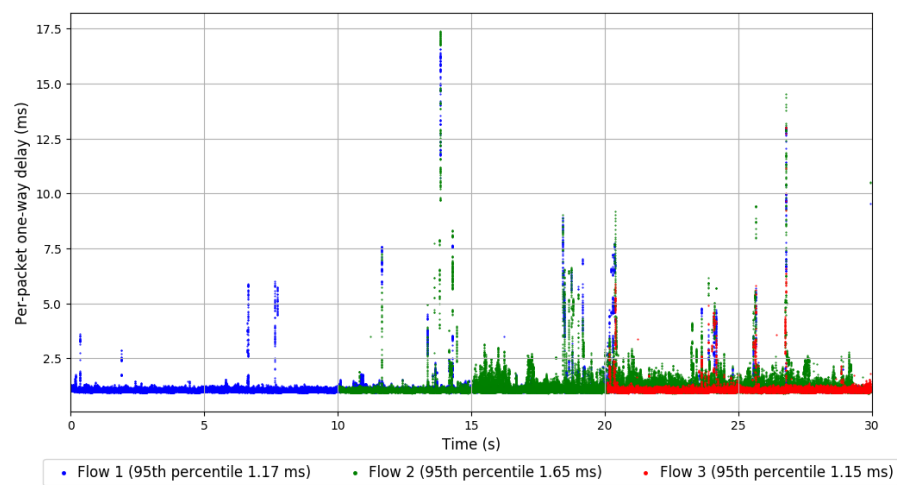
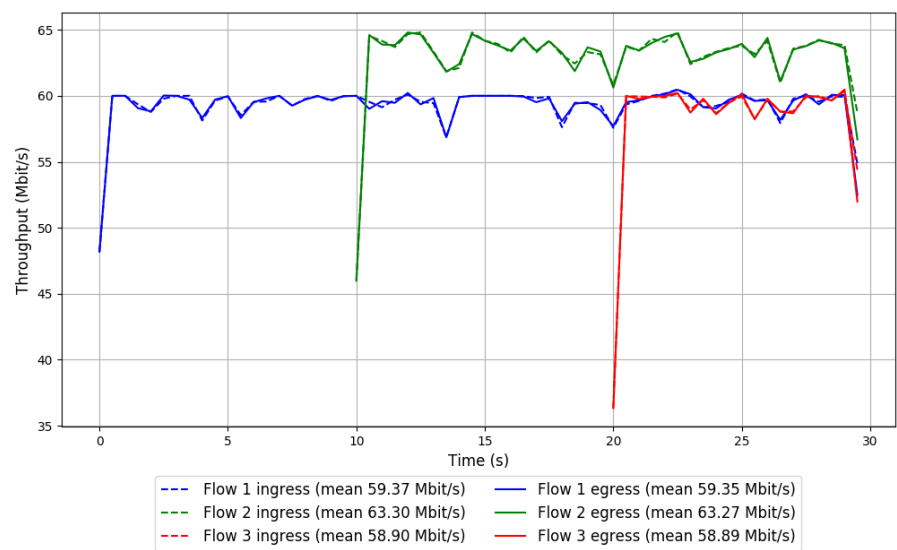


Run 8: Statistics of KohoCC

Start at: 2017-09-08 00:41:13
End at: 2017-09-08 00:41:43
Local clock offset: 0.789 ms
Remote clock offset: -1.398 ms

Below is generated by plot.py at 2017-09-08 07:18:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 120.76 Mbit/s
95th percentile per-packet one-way delay: 1.317 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 59.35 Mbit/s
95th percentile per-packet one-way delay: 1.174 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 63.27 Mbit/s
95th percentile per-packet one-way delay: 1.653 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 58.89 Mbit/s
95th percentile per-packet one-way delay: 1.147 ms
Loss rate: 0.20%

Run 8: Report of KohoCC — Data Link

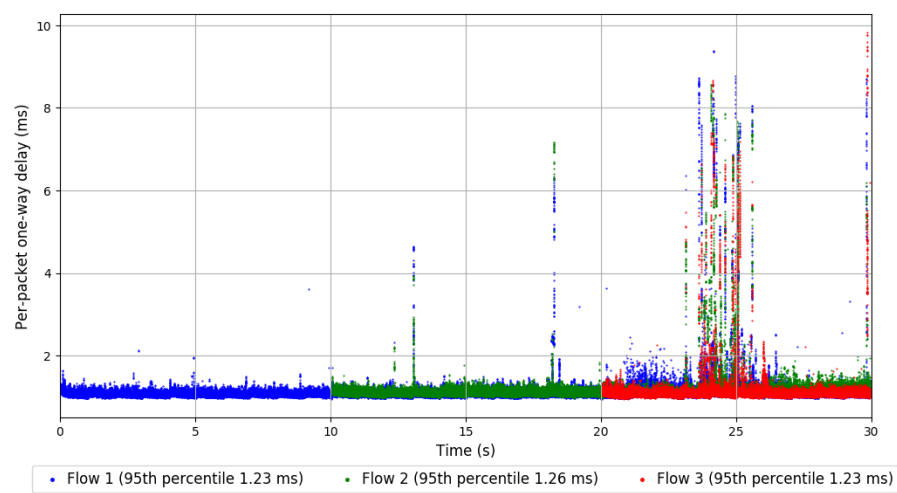
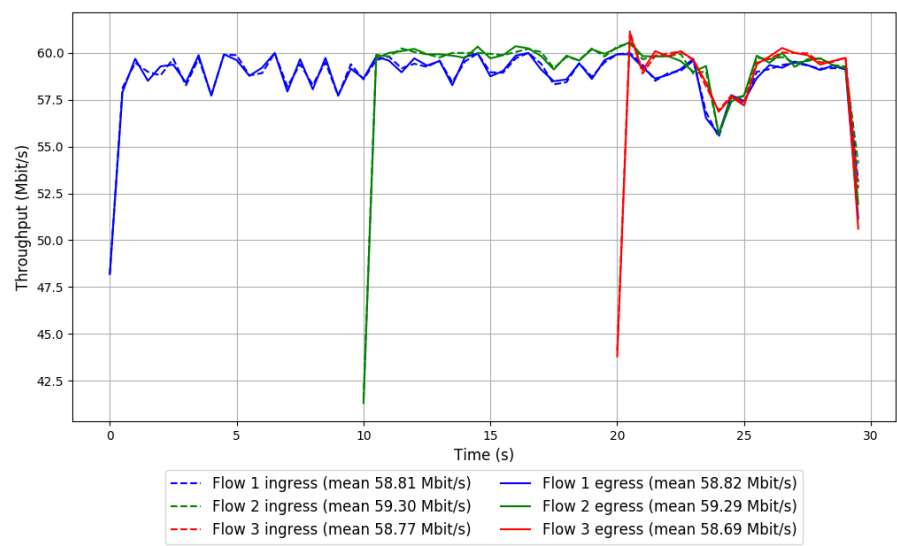


Run 9: Statistics of KohoCC

Start at: 2017-09-08 01:03:17
End at: 2017-09-08 01:03:47
Local clock offset: 0.829 ms
Remote clock offset: -1.032 ms

Below is generated by plot.py at 2017-09-08 07:19:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 117.58 Mbit/s
95th percentile per-packet one-way delay: 1.241 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 58.82 Mbit/s
95th percentile per-packet one-way delay: 1.225 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 59.29 Mbit/s
95th percentile per-packet one-way delay: 1.263 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 58.69 Mbit/s
95th percentile per-packet one-way delay: 1.230 ms
Loss rate: 0.20%

Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: 2017-09-08 01:25:01

End at: 2017-09-08 01:25:31

Local clock offset: 0.778 ms

Remote clock offset: -1.32 ms

Below is generated by plot.py at 2017-09-08 07:19:12

Datalink statistics

-- Total of 3 flows:

Average throughput: 117.58 Mbit/s

95th percentile per-packet one-way delay: 1.245 ms

Loss rate: 0.10%

-- Flow 1:

Average throughput: 58.69 Mbit/s

95th percentile per-packet one-way delay: 1.187 ms

Loss rate: 0.07%

-- Flow 2:

Average throughput: 59.28 Mbit/s

95th percentile per-packet one-way delay: 1.357 ms

Loss rate: 0.10%

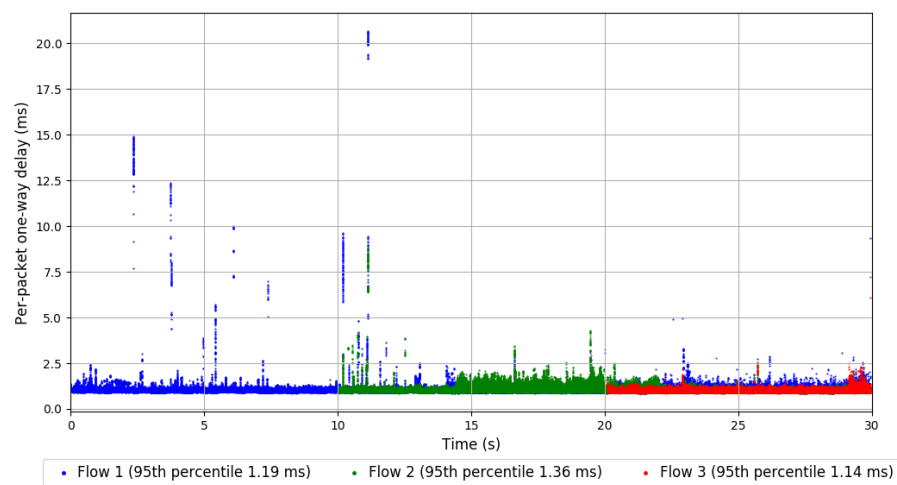
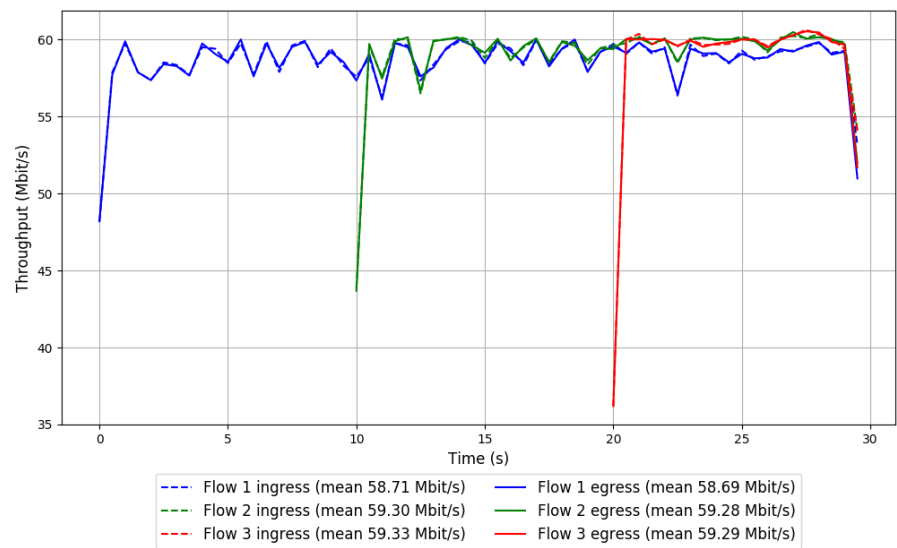
-- Flow 3:

Average throughput: 59.29 Mbit/s

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

Loss rate: 0.20%

Run 10: Report of KohoCC — Data Link

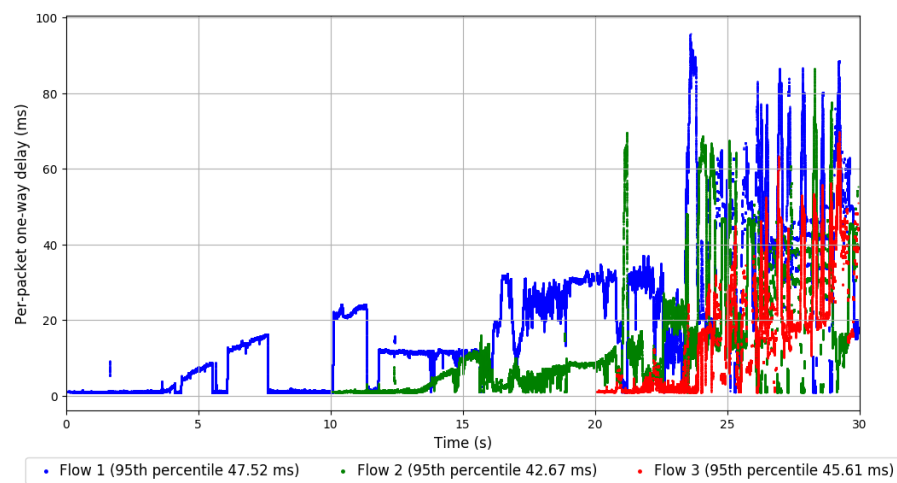
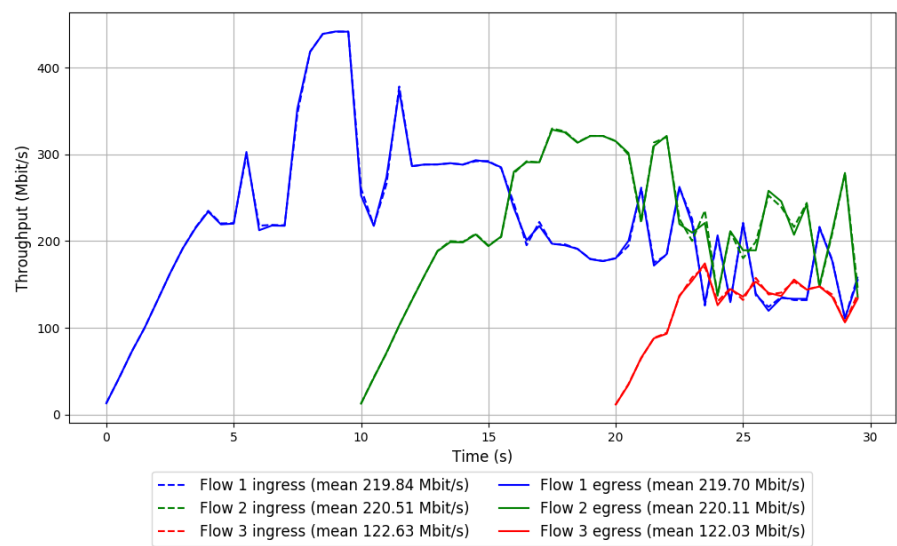


```
Run 1: Statistics of LEDBAT

Start at: 2017-09-07 21:48:44
End at: 2017-09-07 21:49:14
Local clock offset: 0.827 ms
Remote clock offset: -2.927 ms

# Below is generated by plot.py at 2017-09-08 07:20:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 406.34 Mbit/s
95th percentile per-packet one-way delay: 45.039 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 219.70 Mbit/s
95th percentile per-packet one-way delay: 47.515 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 220.11 Mbit/s
95th percentile per-packet one-way delay: 42.673 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 122.03 Mbit/s
95th percentile per-packet one-way delay: 45.608 ms
Loss rate: 0.57%
```


Run 1: Report of LEDBAT — Data Link

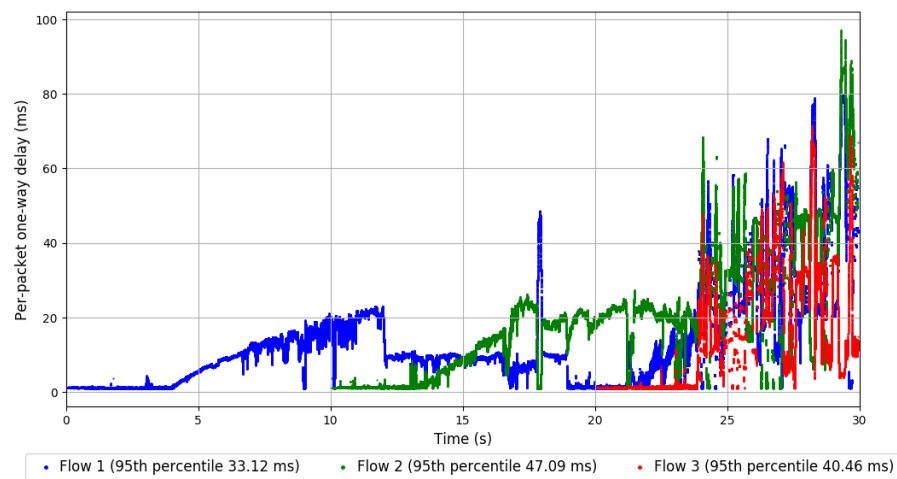
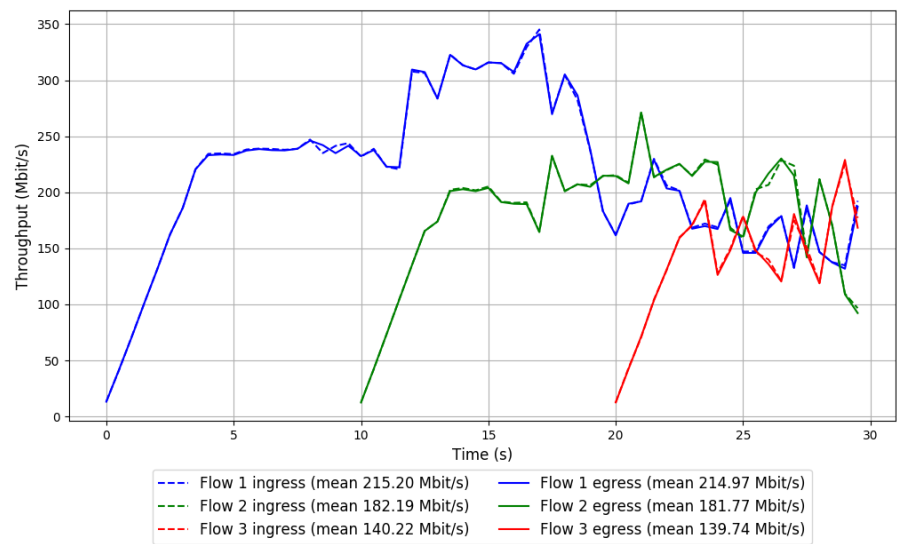


Run 2: Statistics of LEDBAT

Start at: 2017-09-07 22:10:53
End at: 2017-09-07 22:11:23
Local clock offset: 1.006 ms
Remote clock offset: -2.185 ms

Below is generated by plot.py at 2017-09-08 07:20:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 382.18 Mbit/s
95th percentile per-packet one-way delay: 42.003 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 214.97 Mbit/s
95th percentile per-packet one-way delay: 33.116 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 181.77 Mbit/s
95th percentile per-packet one-way delay: 47.090 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 139.74 Mbit/s
95th percentile per-packet one-way delay: 40.461 ms
Loss rate: 0.51%

Run 2: Report of LEDBAT — Data Link

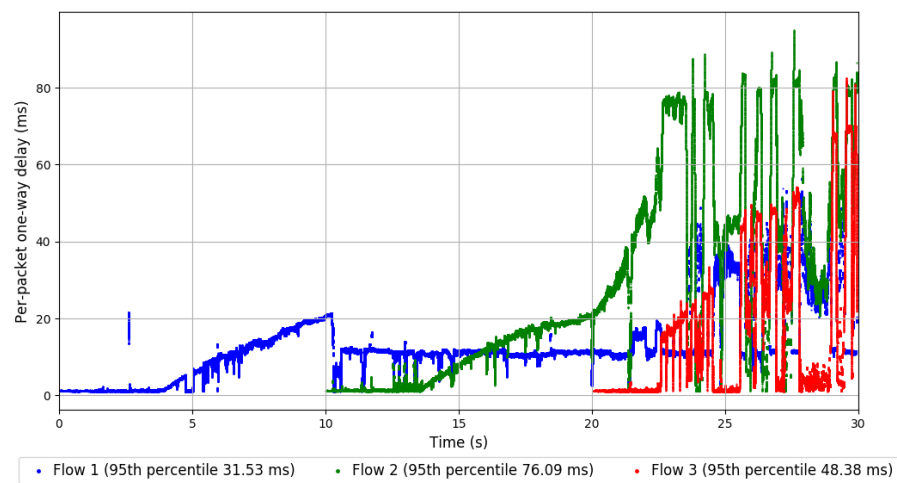
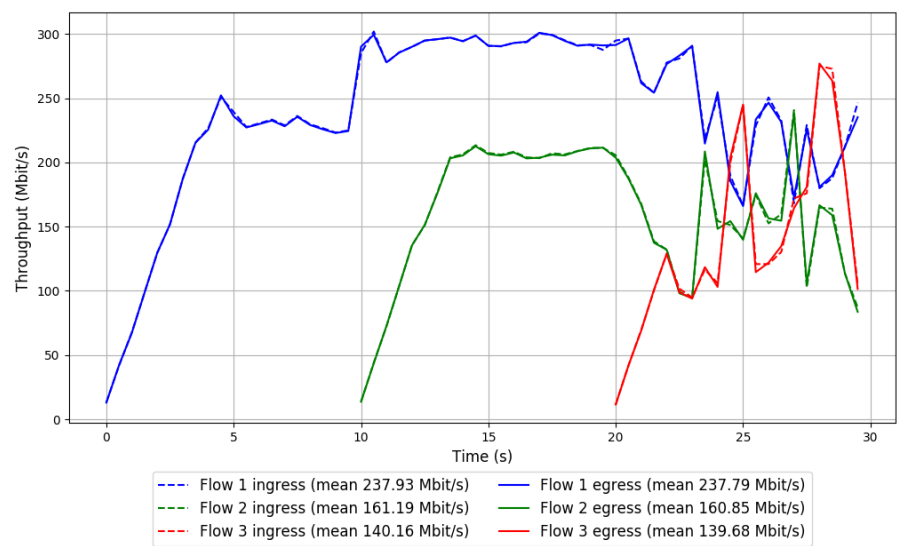


Run 3: Statistics of LEDBAT

Start at: 2017-09-07 22:32:54
End at: 2017-09-07 22:33:24
Local clock offset: 1.01 ms
Remote clock offset: -1.699 ms

Below is generated by plot.py at 2017-09-08 07:20:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 390.99 Mbit/s
95th percentile per-packet one-way delay: 45.806 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 237.79 Mbit/s
95th percentile per-packet one-way delay: 31.534 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 160.85 Mbit/s
95th percentile per-packet one-way delay: 76.093 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 139.68 Mbit/s
95th percentile per-packet one-way delay: 48.379 ms
Loss rate: 0.55%

Run 3: Report of LEDBAT — Data Link

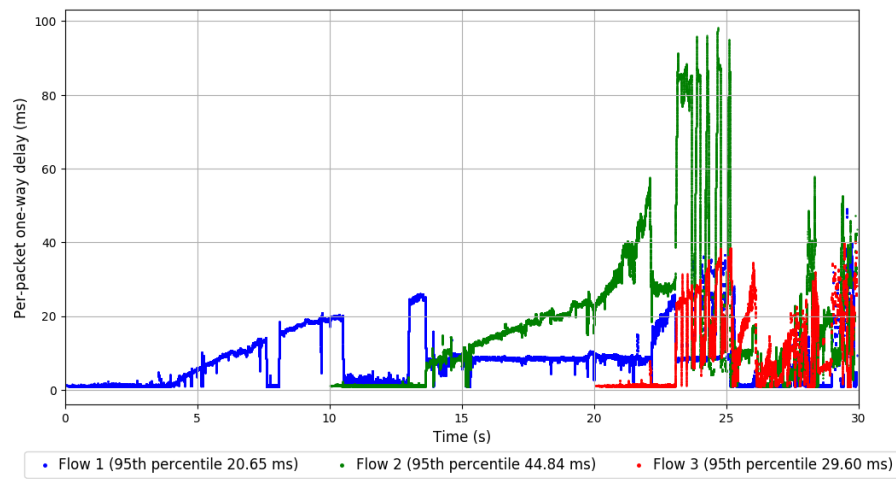
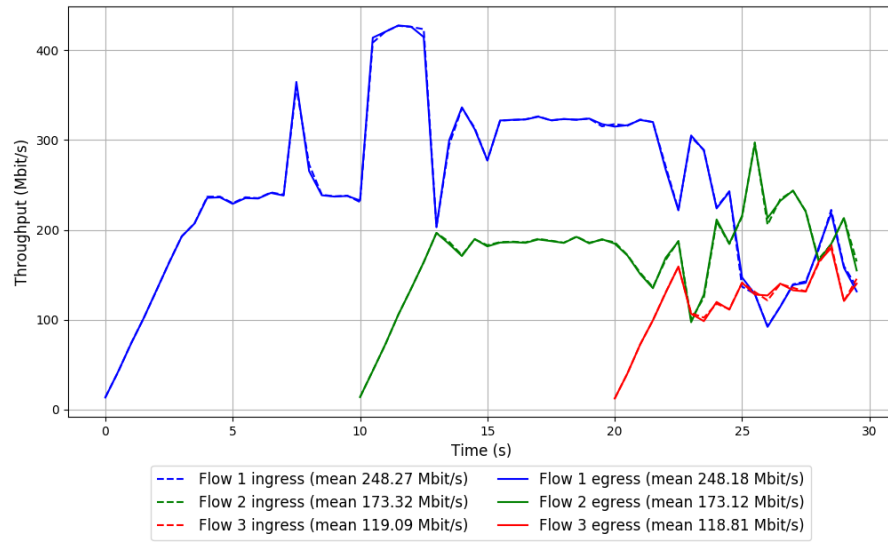


Run 4: Statistics of LEDBAT

Start at: 2017-09-07 22:55:01
End at: 2017-09-07 22:55:31
Local clock offset: 0.961 ms
Remote clock offset: -1.384 ms

Below is generated by plot.py at 2017-09-08 07:21:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 402.71 Mbit/s
95th percentile per-packet one-way delay: 28.291 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 248.18 Mbit/s
95th percentile per-packet one-way delay: 20.653 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 173.12 Mbit/s
95th percentile per-packet one-way delay: 44.838 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 118.81 Mbit/s
95th percentile per-packet one-way delay: 29.596 ms
Loss rate: 0.47%

Run 4: Report of LEDBAT — Data Link

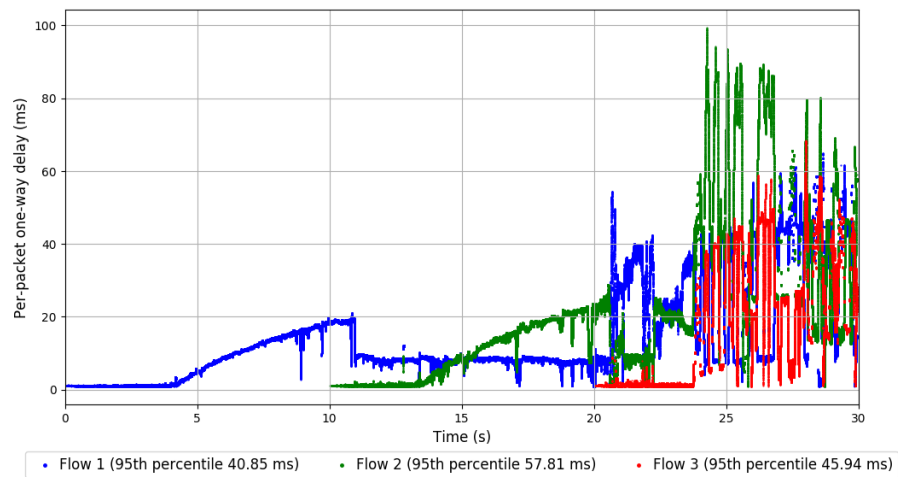
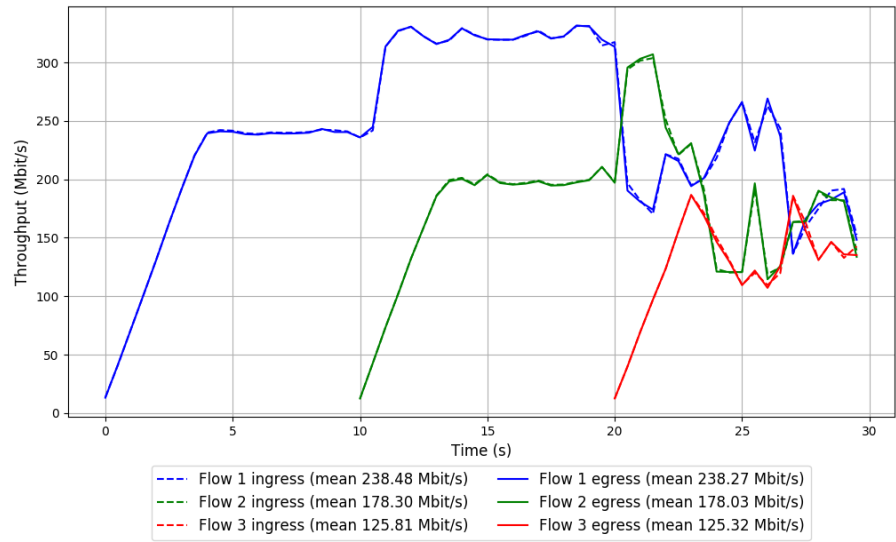


Run 5: Statistics of LEDBAT

Start at: 2017-09-07 23:17:09
End at: 2017-09-07 23:17:39
Local clock offset: 1.021 ms
Remote clock offset: -1.111 ms

Below is generated by plot.py at 2017-09-08 07:21:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 398.14 Mbit/s
95th percentile per-packet one-way delay: 44.193 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 238.27 Mbit/s
95th percentile per-packet one-way delay: 40.855 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 178.03 Mbit/s
95th percentile per-packet one-way delay: 57.806 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 125.32 Mbit/s
95th percentile per-packet one-way delay: 45.936 ms
Loss rate: 0.56%

Run 5: Report of LEDBAT — Data Link

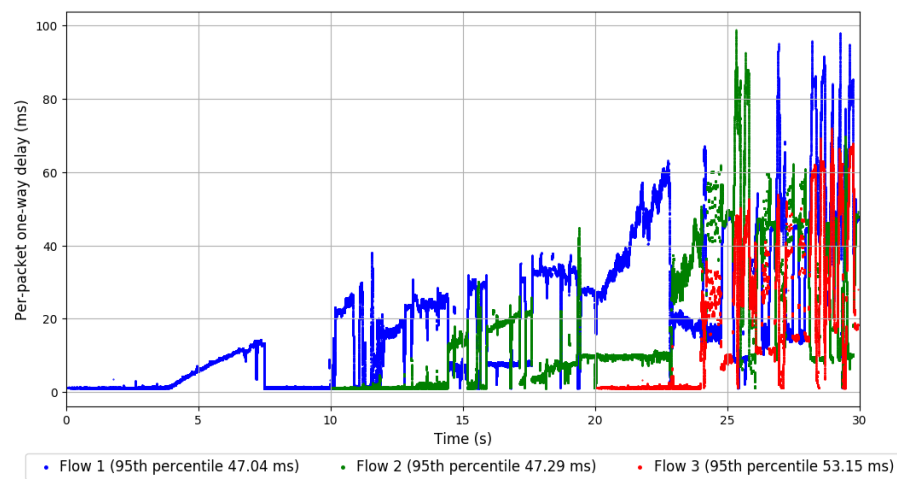
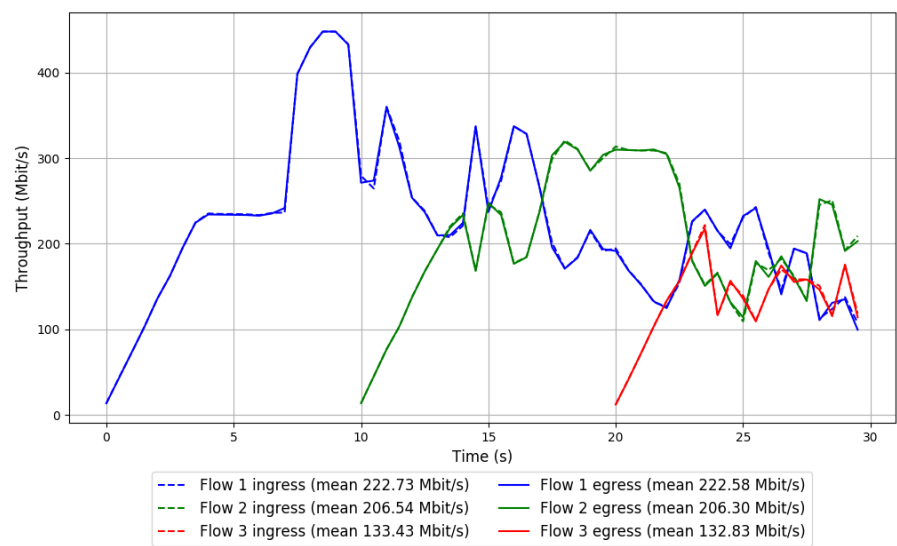


Run 6: Statistics of LEDBAT

Start at: 2017-09-07 23:39:13
End at: 2017-09-07 23:39:43
Local clock offset: 0.943 ms
Remote clock offset: -1.212 ms

Below is generated by plot.py at 2017-09-08 07:21:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 403.78 Mbit/s
95th percentile per-packet one-way delay: 47.424 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 222.58 Mbit/s
95th percentile per-packet one-way delay: 47.039 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 206.30 Mbit/s
95th percentile per-packet one-way delay: 47.290 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 132.83 Mbit/s
95th percentile per-packet one-way delay: 53.154 ms
Loss rate: 0.55%

Run 6: Report of LEDBAT — Data Link

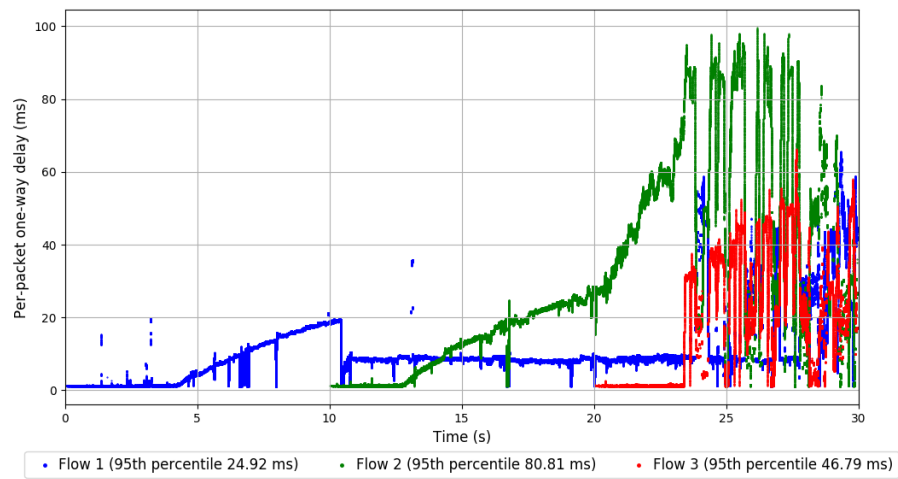
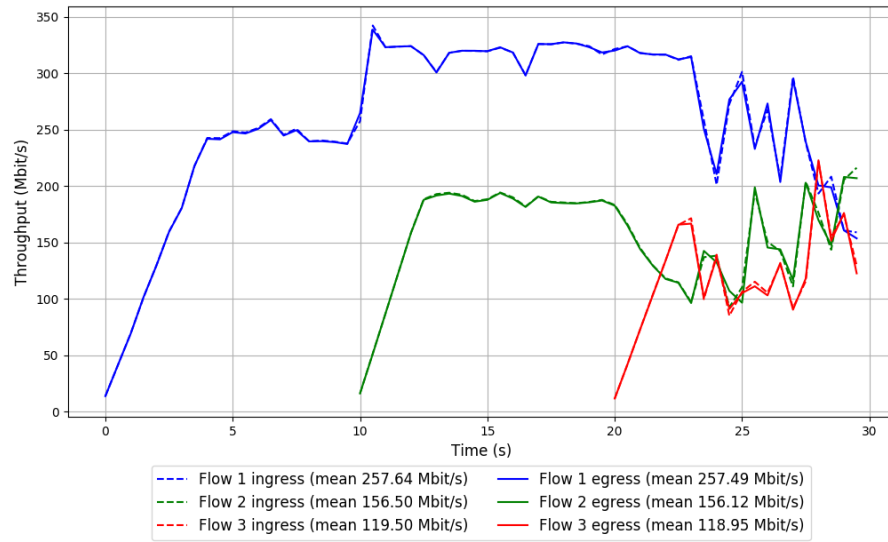


Run 7: Statistics of LEDBAT

Start at: 2017-09-08 00:01:14
End at: 2017-09-08 00:01:44
Local clock offset: 0.822 ms
Remote clock offset: -1.262 ms

Below is generated by plot.py at 2017-09-08 07:22:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 400.70 Mbit/s
95th percentile per-packet one-way delay: 48.874 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 257.49 Mbit/s
95th percentile per-packet one-way delay: 24.921 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 156.12 Mbit/s
95th percentile per-packet one-way delay: 80.814 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 118.95 Mbit/s
95th percentile per-packet one-way delay: 46.788 ms
Loss rate: 0.58%

Run 7: Report of LEDBAT — Data Link

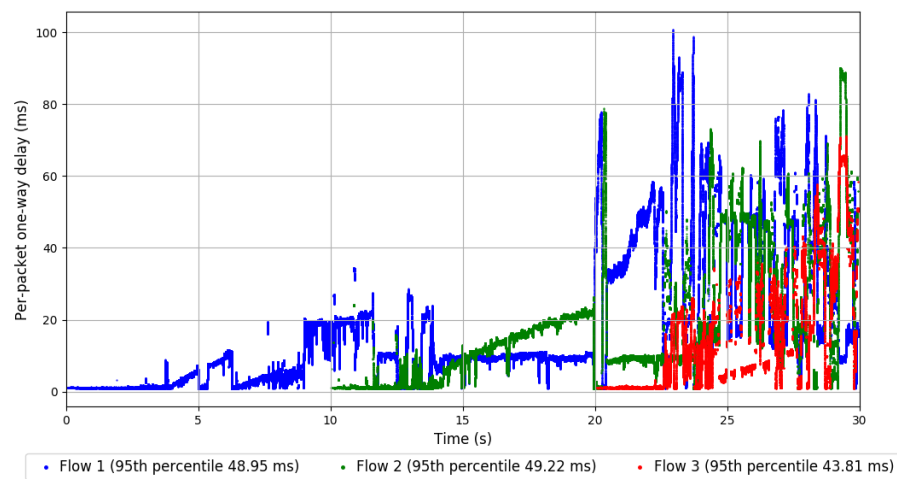
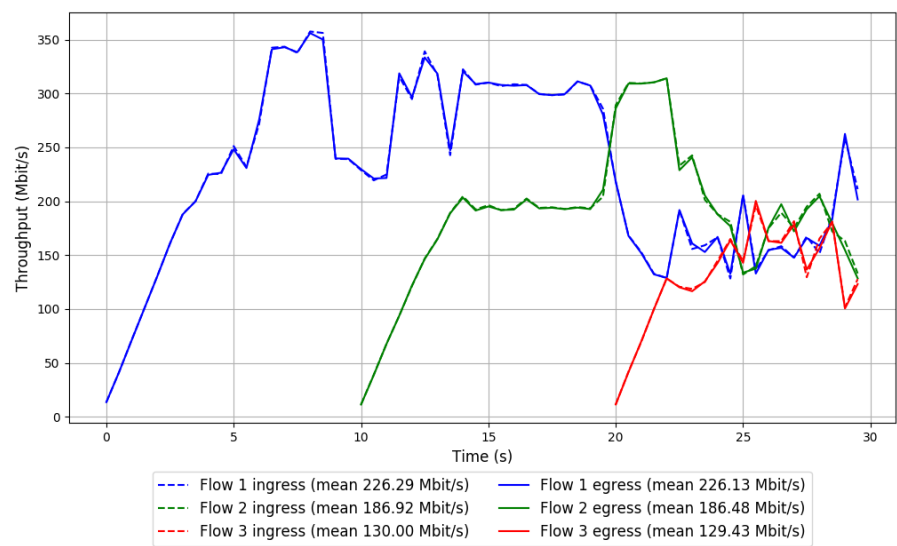


Run 8: Statistics of LEDBAT

Start at: 2017-09-08 00:23:17
End at: 2017-09-08 00:23:47
Local clock offset: 0.773 ms
Remote clock offset: -1.198 ms

Below is generated by plot.py at 2017-09-08 07:22:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 392.96 Mbit/s
95th percentile per-packet one-way delay: 48.953 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 226.13 Mbit/s
95th percentile per-packet one-way delay: 48.945 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 186.48 Mbit/s
95th percentile per-packet one-way delay: 49.221 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 129.43 Mbit/s
95th percentile per-packet one-way delay: 43.808 ms
Loss rate: 0.56%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: 2017-09-08 00:45:21

End at: 2017-09-08 00:45:51

Local clock offset: 0.87 ms

Remote clock offset: -1.3 ms

Below is generated by plot.py at 2017-09-08 07:23:43

Datalink statistics

-- Total of 3 flows:

Average throughput: 409.20 Mbit/s

95th percentile per-packet one-way delay: 47.538 ms

Loss rate: 0.20%

-- Flow 1:

Average throughput: 258.36 Mbit/s

95th percentile per-packet one-way delay: 27.125 ms

Loss rate: 0.11%

-- Flow 2:

Average throughput: 170.53 Mbit/s

95th percentile per-packet one-way delay: 71.065 ms

Loss rate: 0.26%

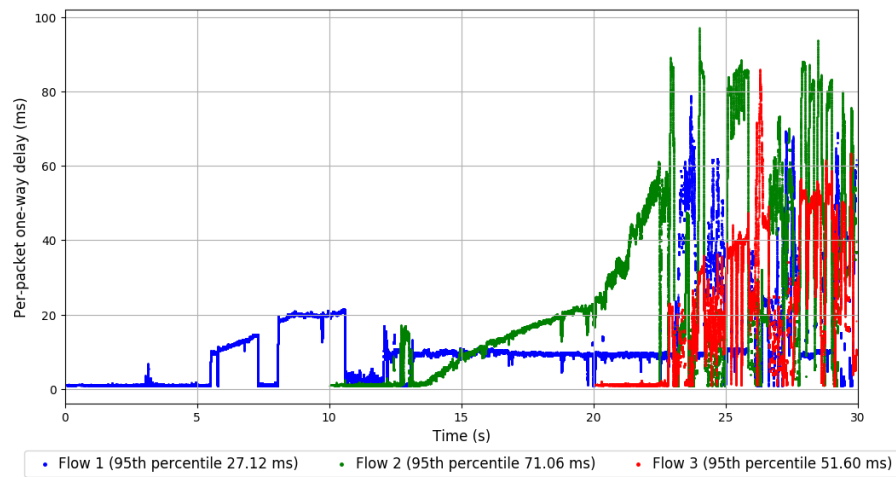
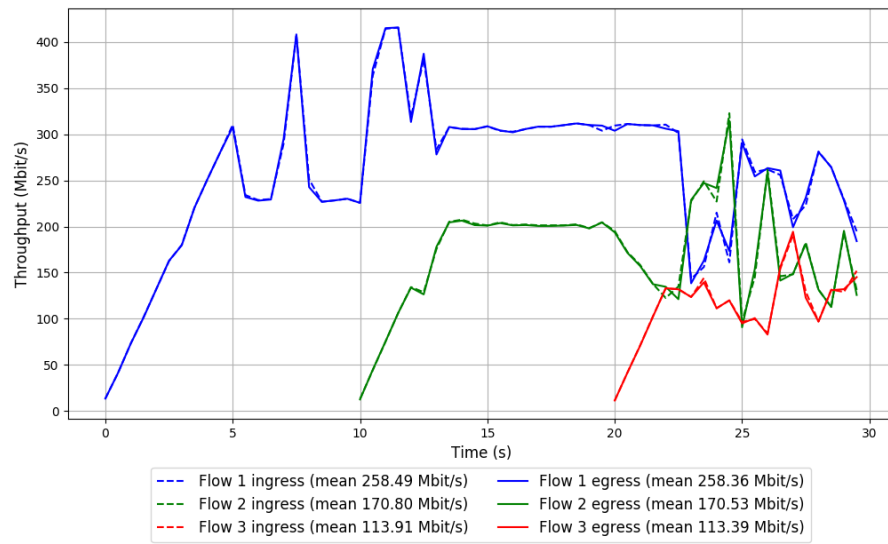
-- Flow 3:

Average throughput: 113.39 Mbit/s

95th percentile per-packet one-way delay: 51.596 ms

Loss rate: 0.58%

Run 9: Report of LEDBAT — Data Link

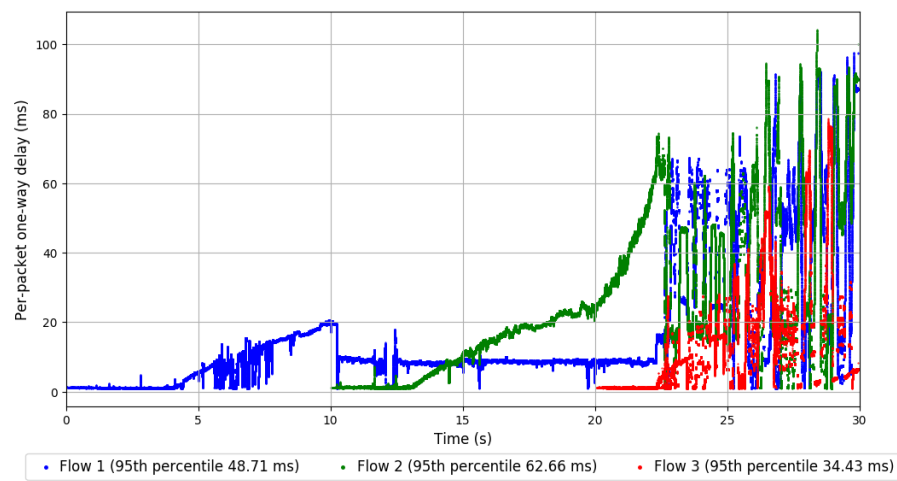
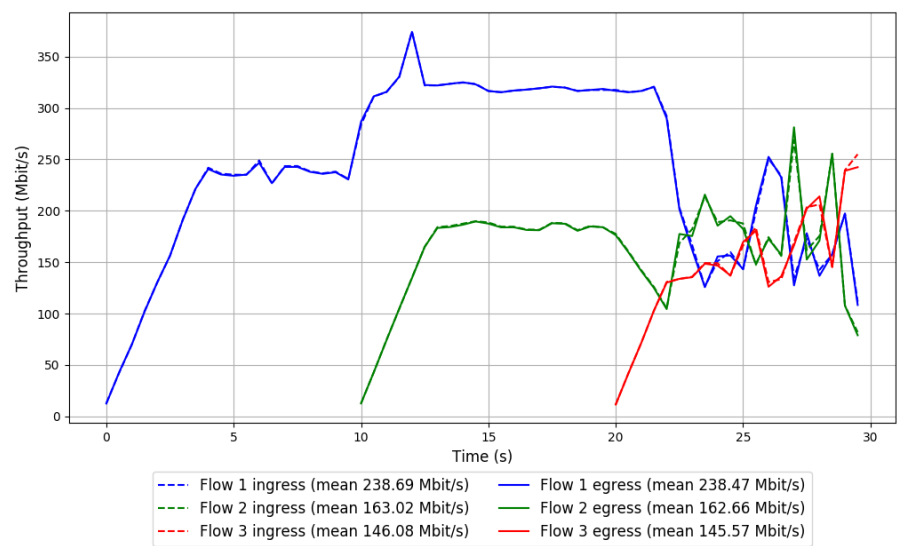


Run 10: Statistics of LEDBAT

Start at: 2017-09-08 01:07:27
End at: 2017-09-08 01:07:57
Local clock offset: 0.824 ms
Remote clock offset: -1.097 ms

Below is generated by plot.py at 2017-09-08 07:23:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 394.79 Mbit/s
95th percentile per-packet one-way delay: 52.381 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 238.47 Mbit/s
95th percentile per-packet one-way delay: 48.714 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 162.66 Mbit/s
95th percentile per-packet one-way delay: 62.662 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 145.57 Mbit/s
95th percentile per-packet one-way delay: 34.432 ms
Loss rate: 0.53%

Run 10: Report of LEDBAT — Data Link

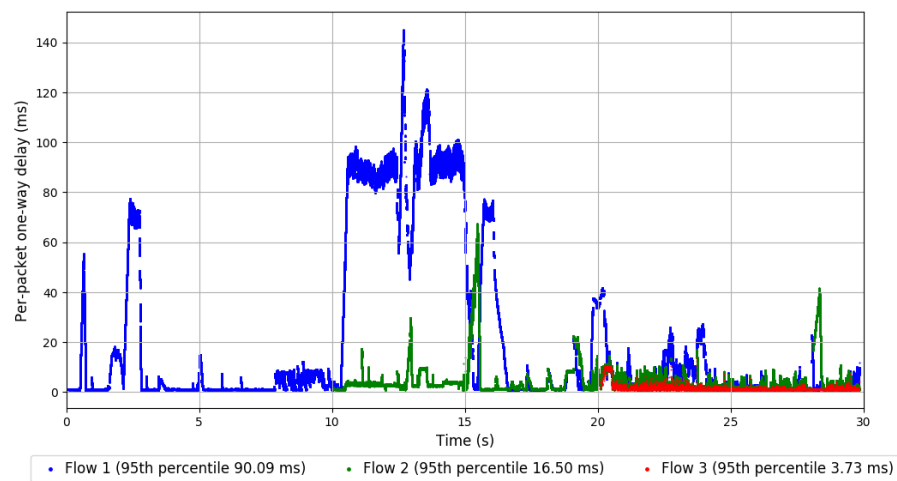
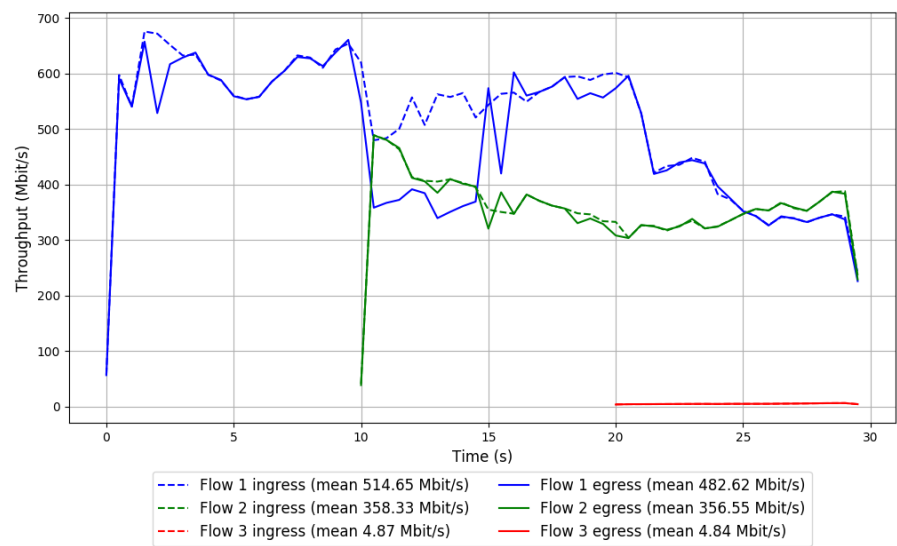


```
Run 1: Statistics of PCC

Start at: 2017-09-07 22:01:41
End at: 2017-09-07 22:02:11
Local clock offset: 0.952 ms
Remote clock offset: -2.507 ms

# Below is generated by plot.py at 2017-09-08 07:25:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 721.01 Mbit/s
95th percentile per-packet one-way delay: 87.316 ms
Loss rate: 4.48%
-- Flow 1:
Average throughput: 482.62 Mbit/s
95th percentile per-packet one-way delay: 90.090 ms
Loss rate: 6.29%
-- Flow 2:
Average throughput: 356.55 Mbit/s
95th percentile per-packet one-way delay: 16.502 ms
Loss rate: 0.60%
-- Flow 3:
Average throughput: 4.84 Mbit/s
95th percentile per-packet one-way delay: 3.729 ms
Loss rate: 0.71%
```

Run 1: Report of PCC — Data Link

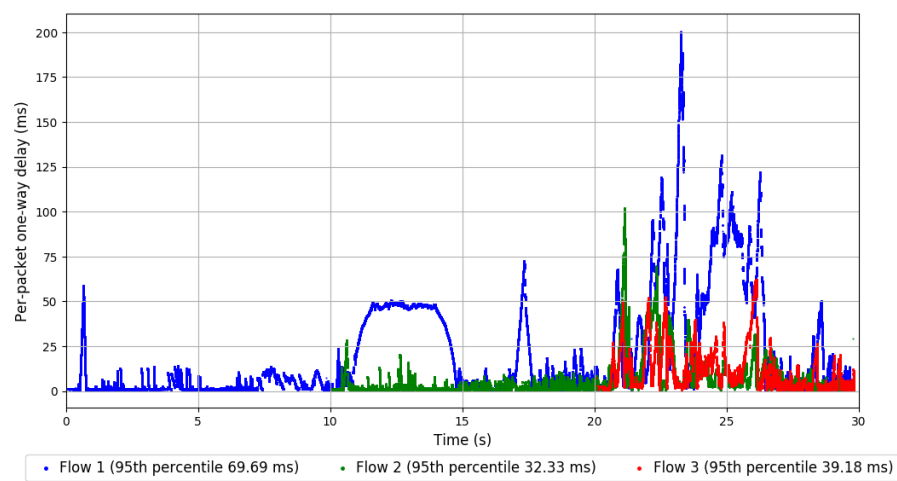
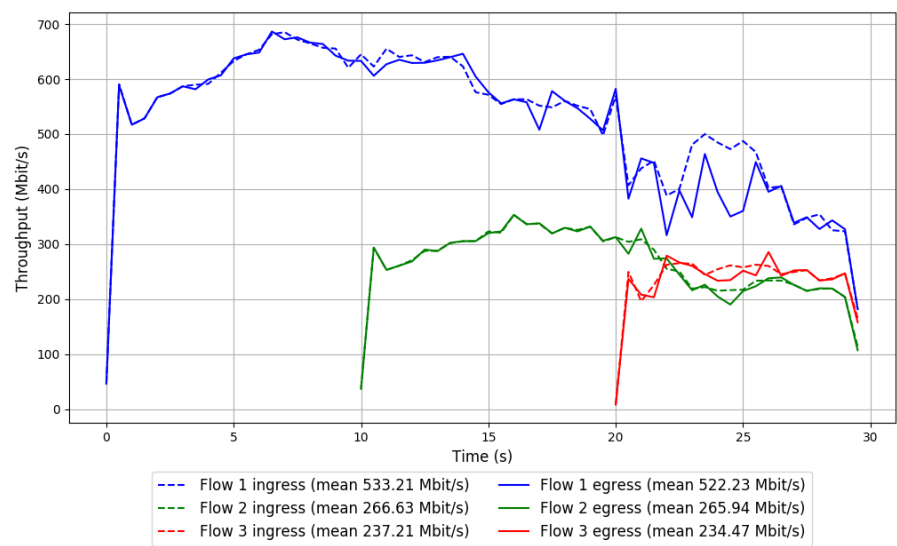


Run 2: Statistics of PCC

Start at: 2017-09-07 22:23:36
End at: 2017-09-07 22:24:06
Local clock offset: 0.992 ms
Remote clock offset: -1.654 ms

Below is generated by plot.py at 2017-09-08 07:25:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 775.66 Mbit/s
95th percentile per-packet one-way delay: 56.453 ms
Loss rate: 1.67%
-- Flow 1:
Average throughput: 522.23 Mbit/s
95th percentile per-packet one-way delay: 69.689 ms
Loss rate: 2.10%
-- Flow 2:
Average throughput: 265.94 Mbit/s
95th percentile per-packet one-way delay: 32.330 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 234.47 Mbit/s
95th percentile per-packet one-way delay: 39.177 ms
Loss rate: 1.37%

Run 2: Report of PCC — Data Link

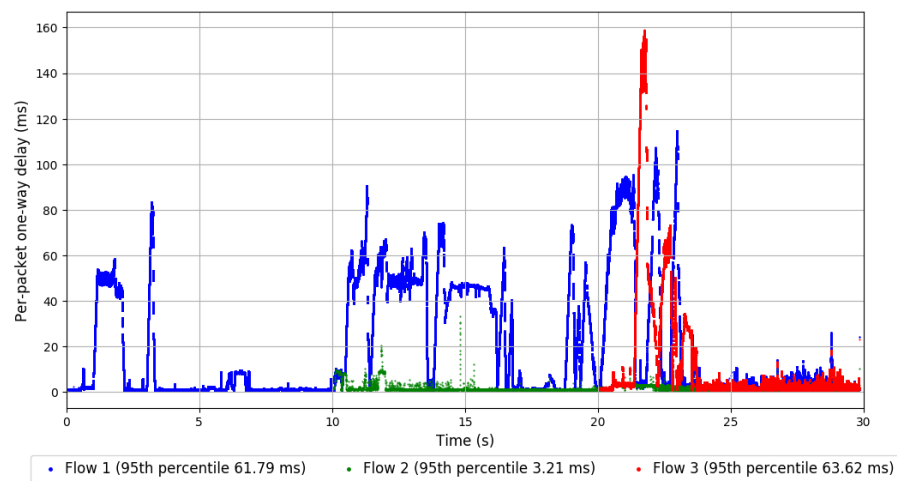
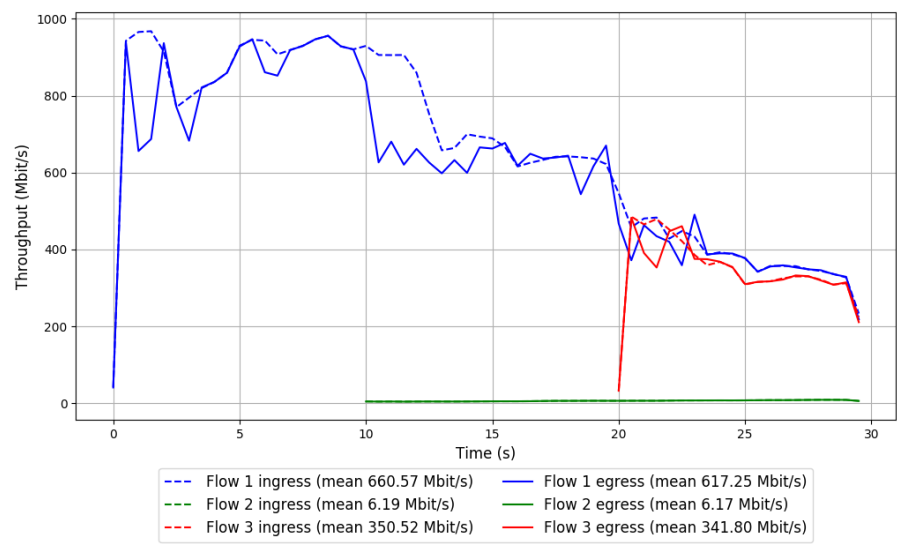


Run 3: Statistics of PCC

Start at: 2017-09-07 22:45:49
End at: 2017-09-07 22:46:19
Local clock offset: 0.922 ms
Remote clock offset: -1.702 ms

Below is generated by plot.py at 2017-09-08 07:26:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 733.84 Mbit/s
95th percentile per-packet one-way delay: 62.022 ms
Loss rate: 5.94%
-- Flow 1:
Average throughput: 617.25 Mbit/s
95th percentile per-packet one-way delay: 61.790 ms
Loss rate: 6.56%
-- Flow 2:
Average throughput: 6.17 Mbit/s
95th percentile per-packet one-way delay: 3.213 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 341.80 Mbit/s
95th percentile per-packet one-way delay: 63.624 ms
Loss rate: 2.56%

Run 3: Report of PCC — Data Link

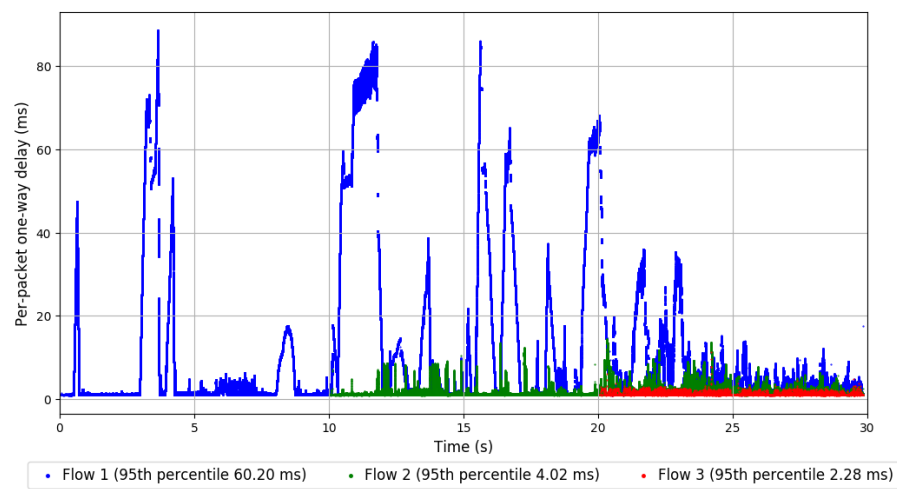
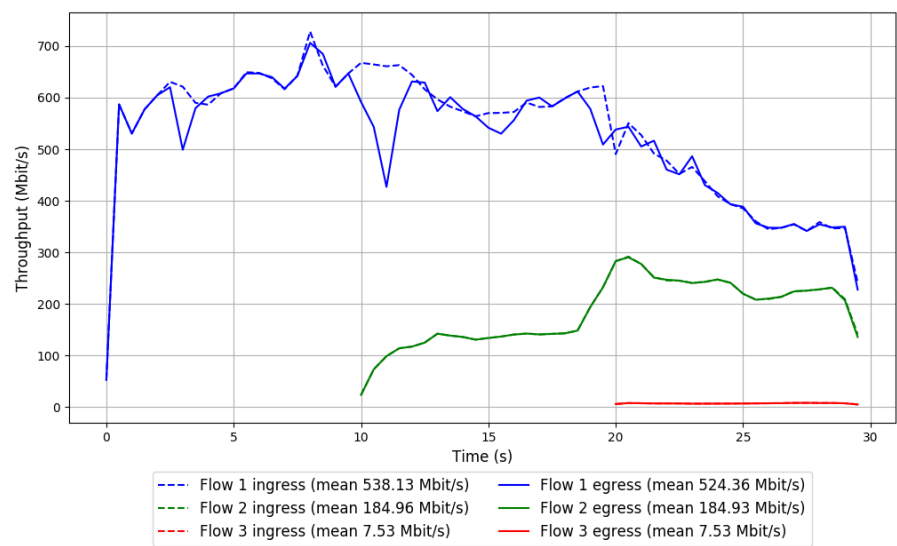


Run 4: Statistics of PCC

Start at: 2017-09-07 23:07:56
End at: 2017-09-07 23:08:26
Local clock offset: 0.997 ms
Remote clock offset: -1.243 ms

Below is generated by plot.py at 2017-09-08 07:27:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 649.61 Mbit/s
95th percentile per-packet one-way delay: 55.533 ms
Loss rate: 2.12%
-- Flow 1:
Average throughput: 524.36 Mbit/s
95th percentile per-packet one-way delay: 60.198 ms
Loss rate: 2.58%
-- Flow 2:
Average throughput: 184.93 Mbit/s
95th percentile per-packet one-way delay: 4.019 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 7.53 Mbit/s
95th percentile per-packet one-way delay: 2.281 ms
Loss rate: 0.25%

Run 4: Report of PCC — Data Link

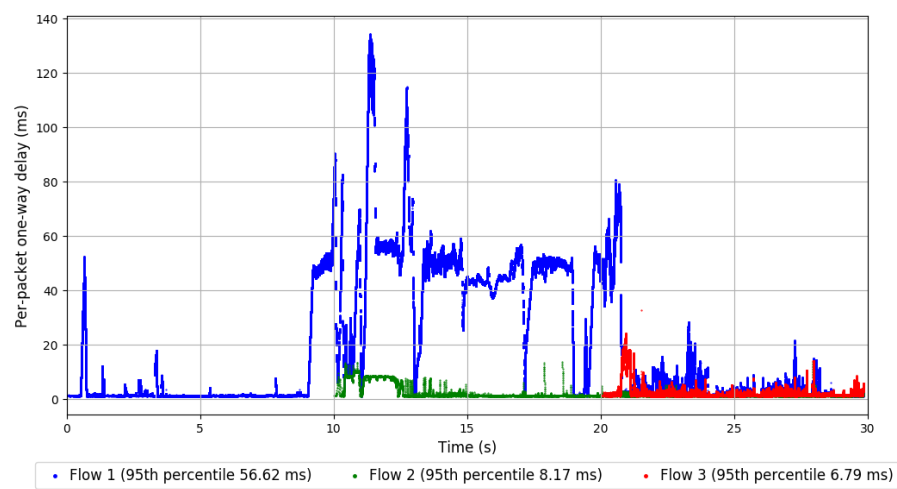
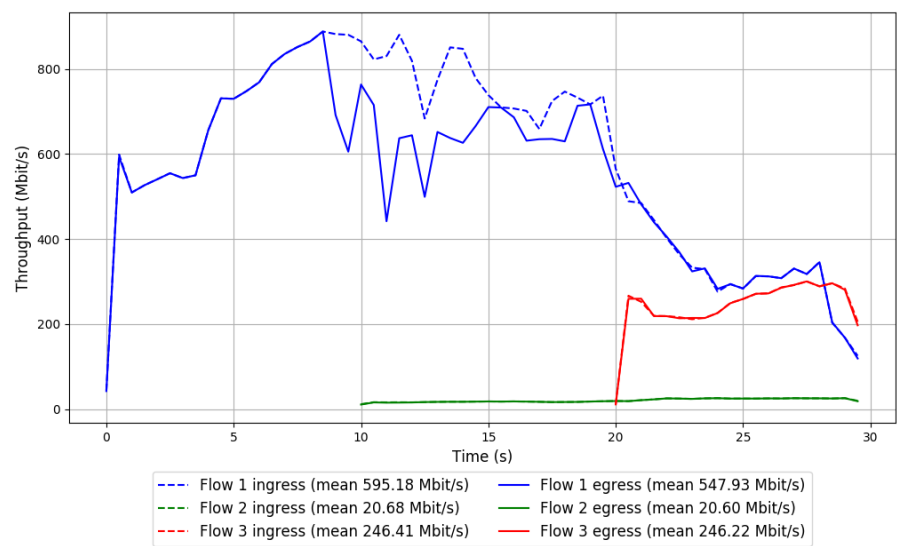


Run 5: Statistics of PCC

Start at: 2017-09-07 23:30:02
End at: 2017-09-07 23:30:32
Local clock offset: 1.052 ms
Remote clock offset: -1.052 ms

Below is generated by plot.py at 2017-09-08 07:28:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 642.56 Mbit/s
95th percentile per-packet one-way delay: 55.831 ms
Loss rate: 6.93%
-- Flow 1:
Average throughput: 547.93 Mbit/s
95th percentile per-packet one-way delay: 56.618 ms
Loss rate: 7.99%
-- Flow 2:
Average throughput: 20.60 Mbit/s
95th percentile per-packet one-way delay: 8.171 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 246.22 Mbit/s
95th percentile per-packet one-way delay: 6.790 ms
Loss rate: 0.25%

Run 5: Report of PCC — Data Link

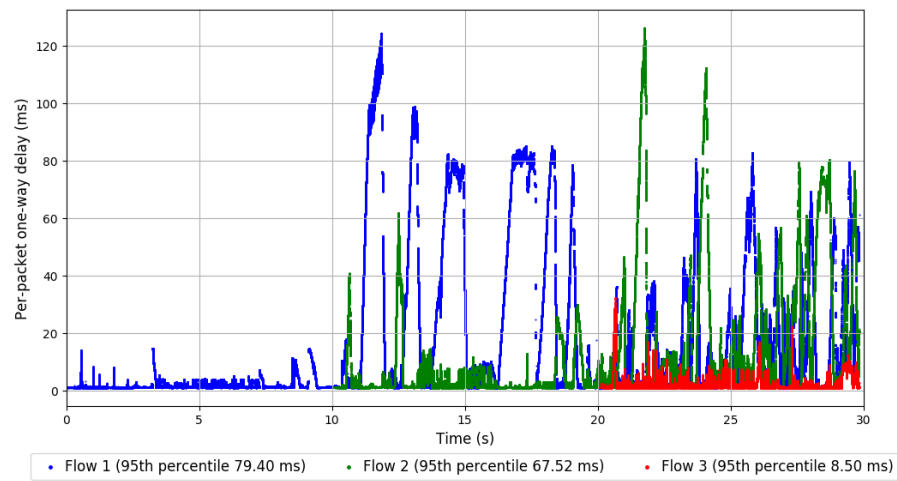
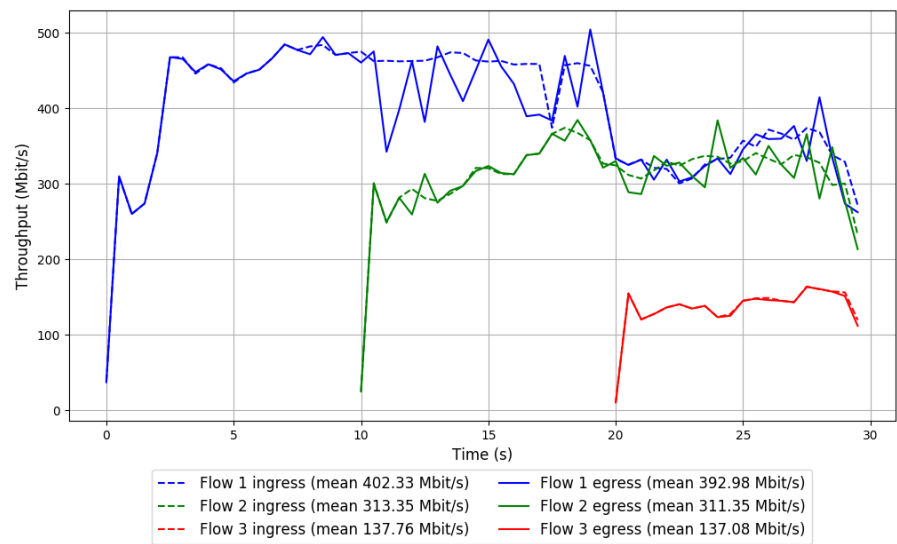


Run 6: Statistics of PCC

Start at: 2017-09-07 23:52:02
End at: 2017-09-07 23:52:32
Local clock offset: 0.737 ms
Remote clock offset: -1.381 ms

Below is generated by plot.py at 2017-09-08 07:28:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 644.63 Mbit/s
95th percentile per-packet one-way delay: 76.134 ms
Loss rate: 1.75%
-- Flow 1:
Average throughput: 392.98 Mbit/s
95th percentile per-packet one-way delay: 79.404 ms
Loss rate: 2.38%
-- Flow 2:
Average throughput: 311.35 Mbit/s
95th percentile per-packet one-way delay: 67.519 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 137.08 Mbit/s
95th percentile per-packet one-way delay: 8.500 ms
Loss rate: 0.70%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: 2017-09-08 00:14:07

End at: 2017-09-08 00:14:37

Local clock offset: 0.84 ms

Remote clock offset: -1.26 ms

Below is generated by plot.py at 2017-09-08 07:29:54

Datalink statistics

-- Total of 3 flows:

Average throughput: 619.42 Mbit/s

95th percentile per-packet one-way delay: 90.244 ms

Loss rate: 3.20%

-- Flow 1:

Average throughput: 317.45 Mbit/s

95th percentile per-packet one-way delay: 102.224 ms

Loss rate: 5.29%

-- Flow 2:

Average throughput: 396.87 Mbit/s

95th percentile per-packet one-way delay: 64.555 ms

Loss rate: 1.00%

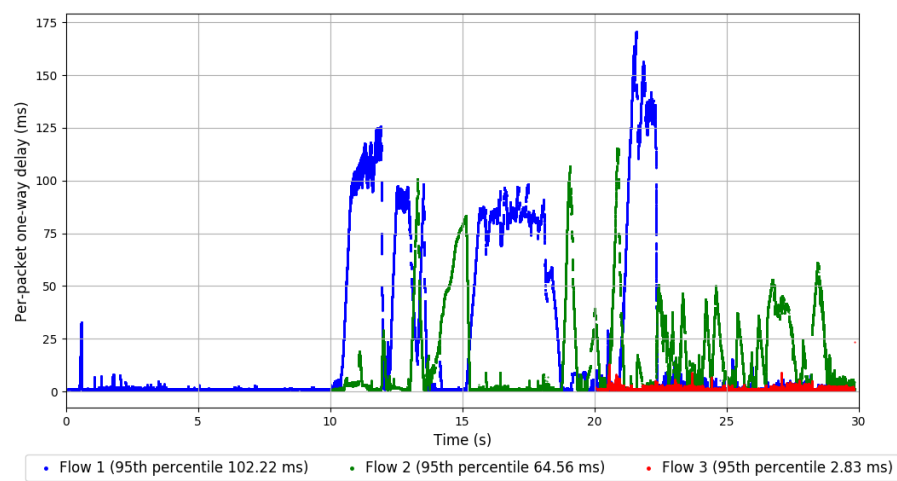
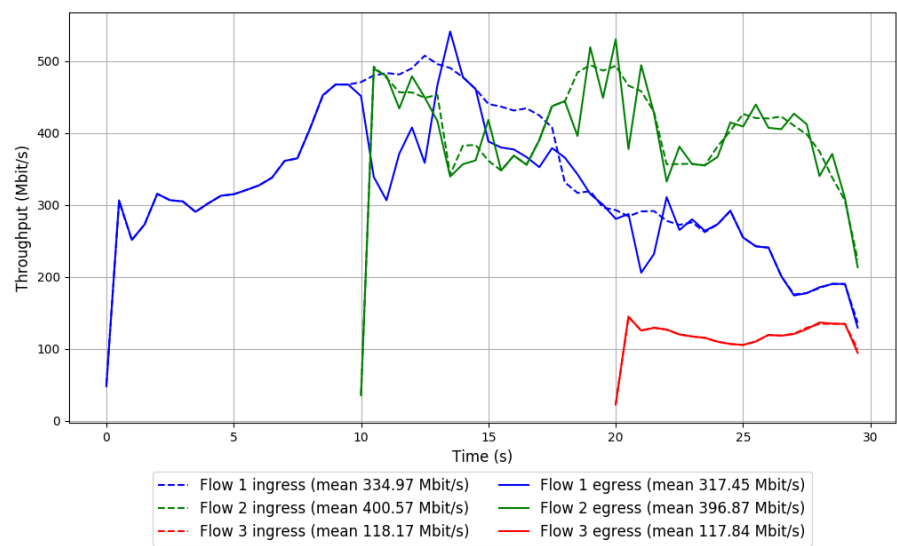
-- Flow 3:

Average throughput: 117.84 Mbit/s

95th percentile per-packet one-way delay: 2.834 ms

Loss rate: 0.26%

Run 7: Report of PCC — Data Link

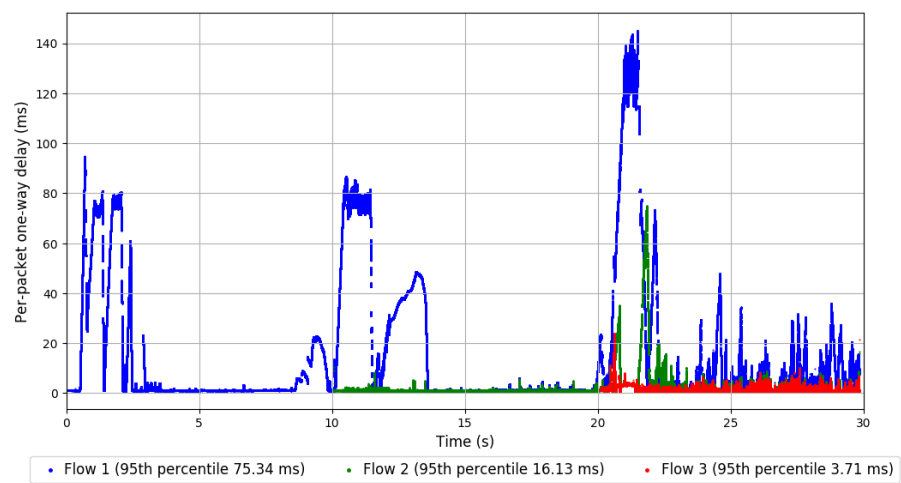
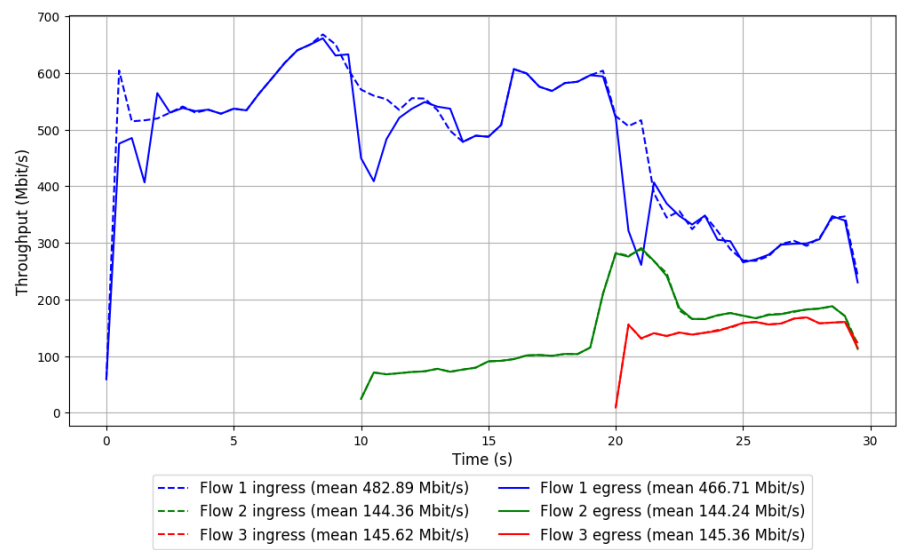


Run 8: Statistics of PCC

Start at: 2017-09-08 00:36:09
End at: 2017-09-08 00:36:39
Local clock offset: 0.88 ms
Remote clock offset: -1.296 ms

Below is generated by plot.py at 2017-09-08 07:29:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 609.96 Mbit/s
95th percentile per-packet one-way delay: 73.098 ms
Loss rate: 2.70%
-- Flow 1:
Average throughput: 466.71 Mbit/s
95th percentile per-packet one-way delay: 75.338 ms
Loss rate: 3.44%
-- Flow 2:
Average throughput: 144.24 Mbit/s
95th percentile per-packet one-way delay: 16.133 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 145.36 Mbit/s
95th percentile per-packet one-way delay: 3.714 ms
Loss rate: 0.31%

Run 8: Report of PCC — Data Link

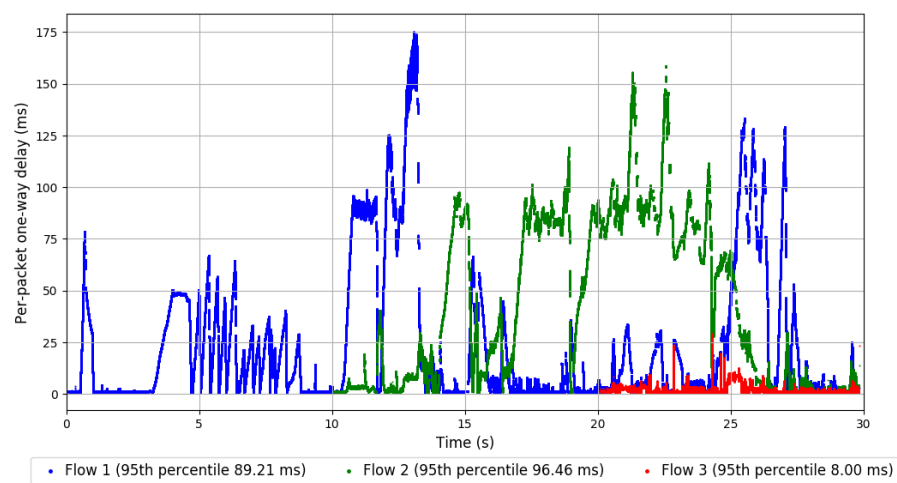
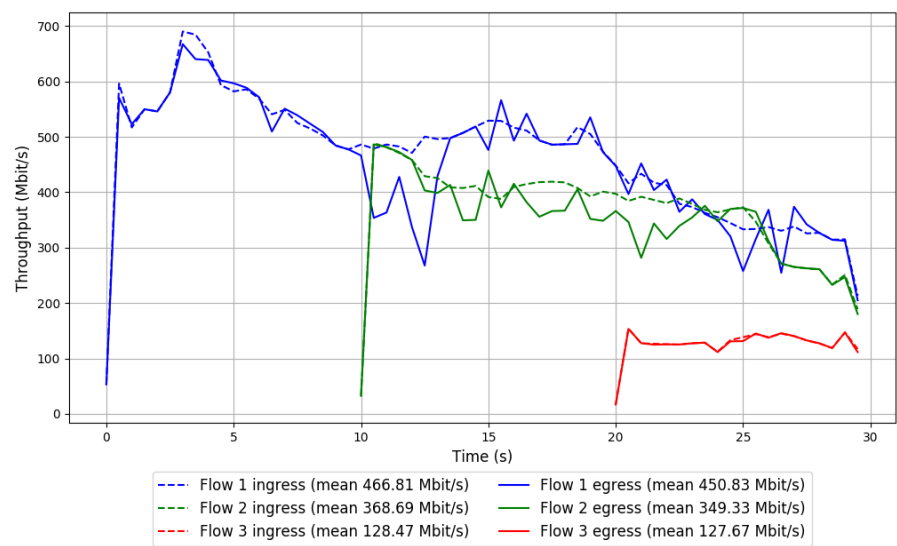


Run 9: Statistics of PCC

Start at: 2017-09-08 00:58:10
End at: 2017-09-08 00:58:40
Local clock offset: 0.906 ms
Remote clock offset: -1.075 ms

Below is generated by plot.py at 2017-09-08 07:31:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 724.58 Mbit/s
95th percentile per-packet one-way delay: 92.081 ms
Loss rate: 3.94%
-- Flow 1:
Average throughput: 450.83 Mbit/s
95th percentile per-packet one-way delay: 89.207 ms
Loss rate: 3.49%
-- Flow 2:
Average throughput: 349.33 Mbit/s
95th percentile per-packet one-way delay: 96.460 ms
Loss rate: 5.37%
-- Flow 3:
Average throughput: 127.67 Mbit/s
95th percentile per-packet one-way delay: 7.998 ms
Loss rate: 0.65%

Run 9: Report of PCC — Data Link

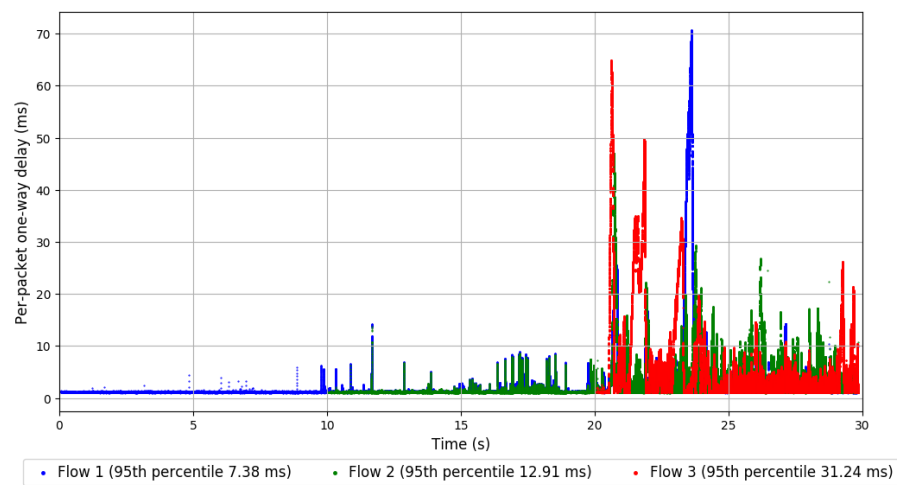
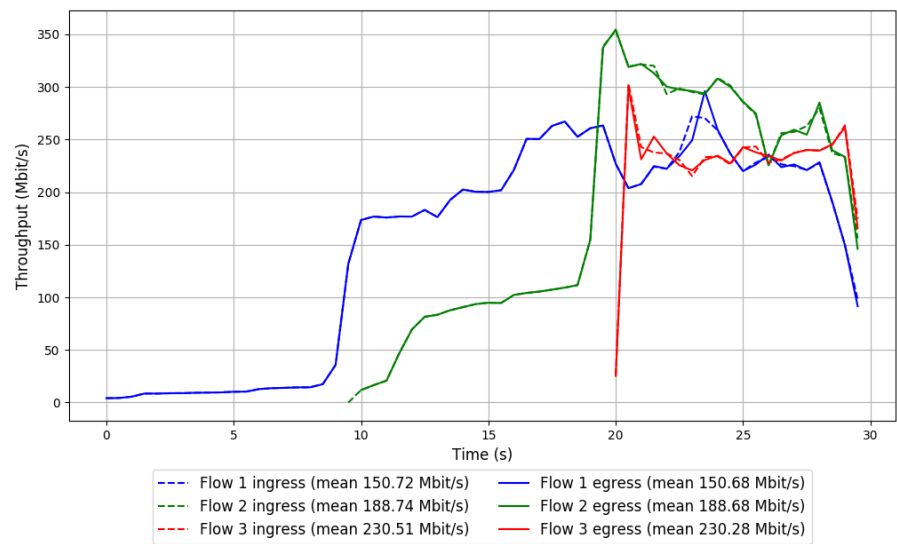


Run 10: Statistics of PCC

Start at: 2017-09-08 01:20:08
End at: 2017-09-08 01:20:38
Local clock offset: 0.895 ms
Remote clock offset: -1.324 ms

Below is generated by plot.py at 2017-09-08 07:31:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 351.86 Mbit/s
95th percentile per-packet one-way delay: 16.084 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 150.68 Mbit/s
95th percentile per-packet one-way delay: 7.378 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 188.68 Mbit/s
95th percentile per-packet one-way delay: 12.912 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 230.28 Mbit/s
95th percentile per-packet one-way delay: 31.243 ms
Loss rate: 0.25%

Run 10: Report of PCC — Data Link

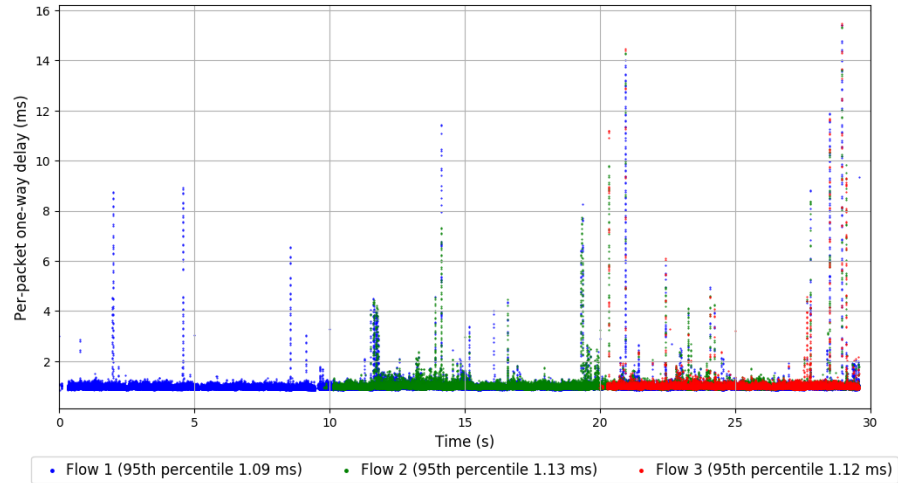
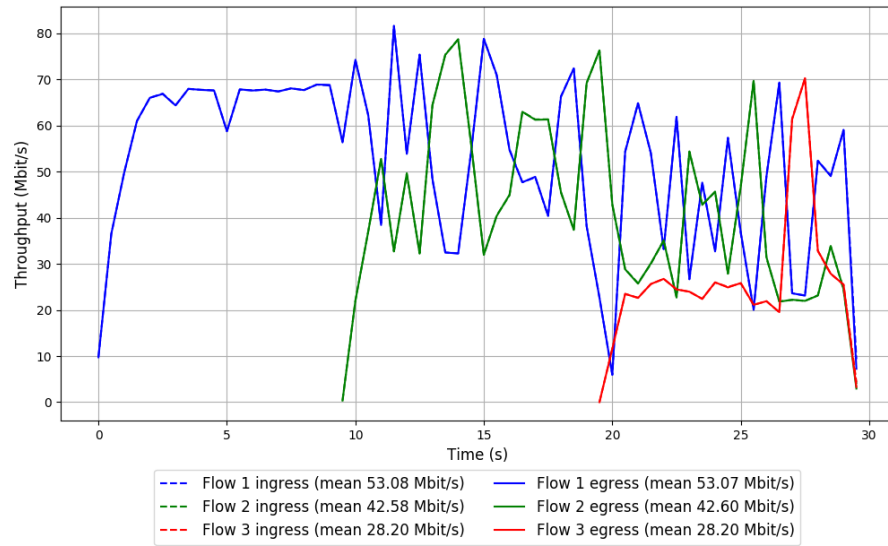


Run 1: Statistics of QUIC Cubic

Start at: 2017-09-07 21:54:48
End at: 2017-09-07 21:55:18
Local clock offset: 0.901 ms
Remote clock offset: -2.734 ms

Below is generated by plot.py at 2017-09-08 07:31:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.75 Mbit/s
95th percentile per-packet one-way delay: 1.106 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 53.07 Mbit/s
95th percentile per-packet one-way delay: 1.086 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 42.60 Mbit/s
95th percentile per-packet one-way delay: 1.130 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 28.20 Mbit/s
95th percentile per-packet one-way delay: 1.125 ms
Loss rate: 0.20%

Run 1: Report of QUIC Cubic — Data Link

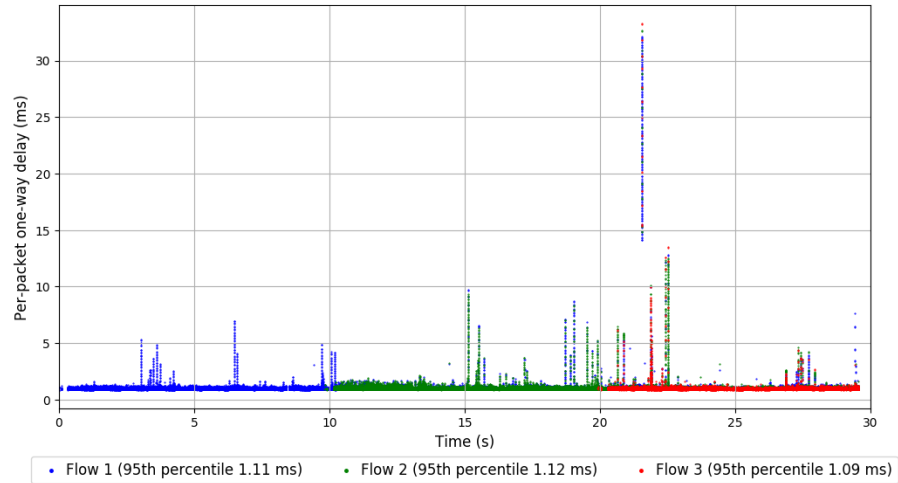
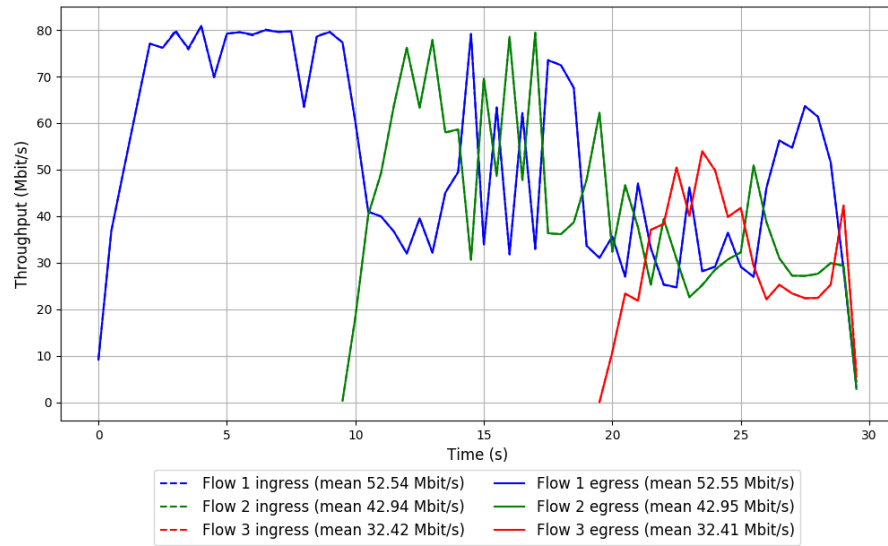


Run 2: Statistics of QUIC Cubic

Start at: 2017-09-07 22:16:49
End at: 2017-09-07 22:17:19
Local clock offset: 1.032 ms
Remote clock offset: -1.833 ms

Below is generated by plot.py at 2017-09-08 07:31:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.83 Mbit/s
95th percentile per-packet one-way delay: 1.111 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 52.55 Mbit/s
95th percentile per-packet one-way delay: 1.109 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 42.95 Mbit/s
95th percentile per-packet one-way delay: 1.123 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 32.41 Mbit/s
95th percentile per-packet one-way delay: 1.087 ms
Loss rate: 0.21%

Run 2: Report of QUIC Cubic — Data Link

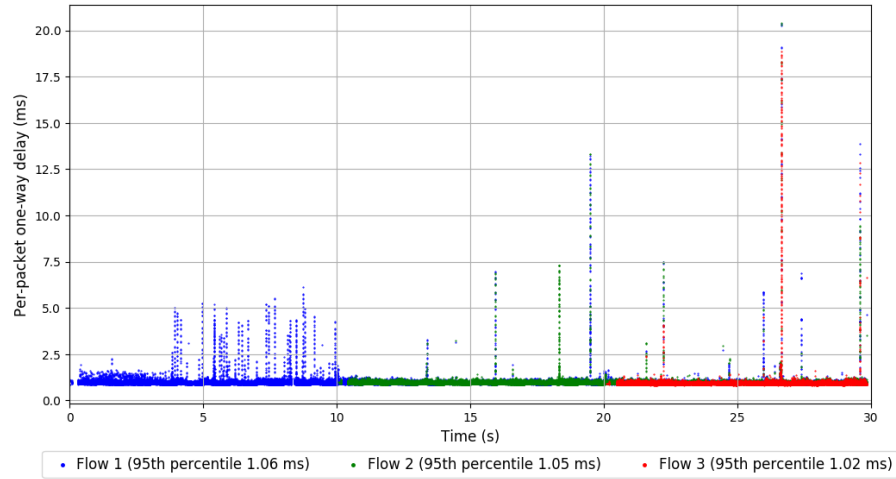
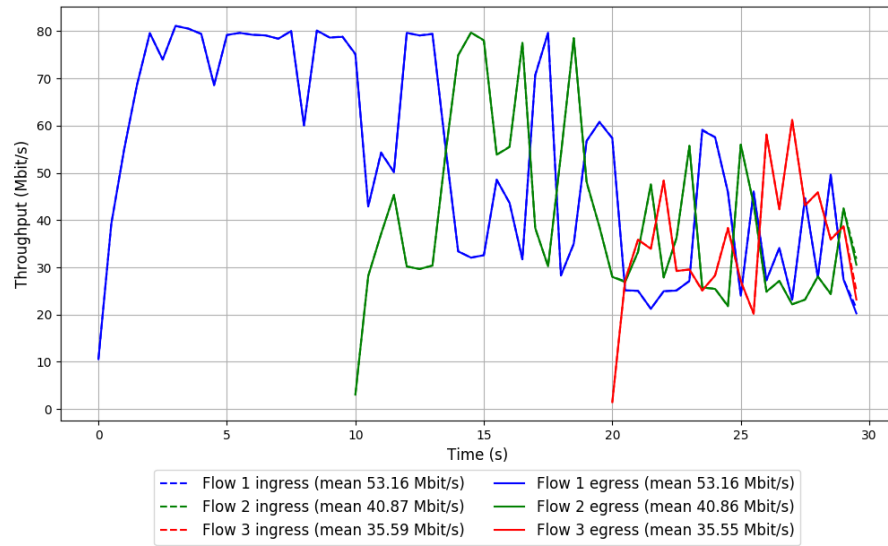


Run 3: Statistics of QUIC Cubic

Start at: 2017-09-07 22:39:00
End at: 2017-09-07 22:39:30
Local clock offset: 0.935 ms
Remote clock offset: -1.718 ms

Below is generated by plot.py at 2017-09-08 07:31:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.84 Mbit/s
95th percentile per-packet one-way delay: 1.055 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 53.16 Mbit/s
95th percentile per-packet one-way delay: 1.061 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 40.86 Mbit/s
95th percentile per-packet one-way delay: 1.051 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 35.55 Mbit/s
95th percentile per-packet one-way delay: 1.024 ms
Loss rate: 0.28%

Run 3: Report of QUIC Cubic — Data Link

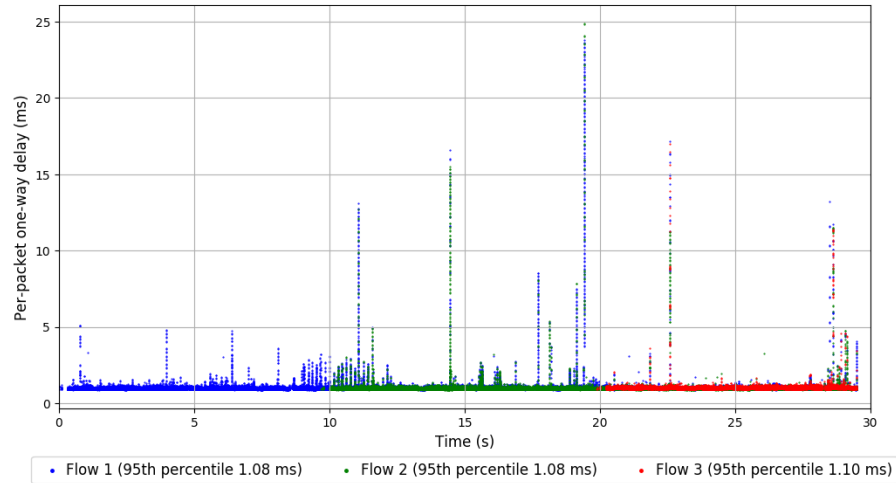
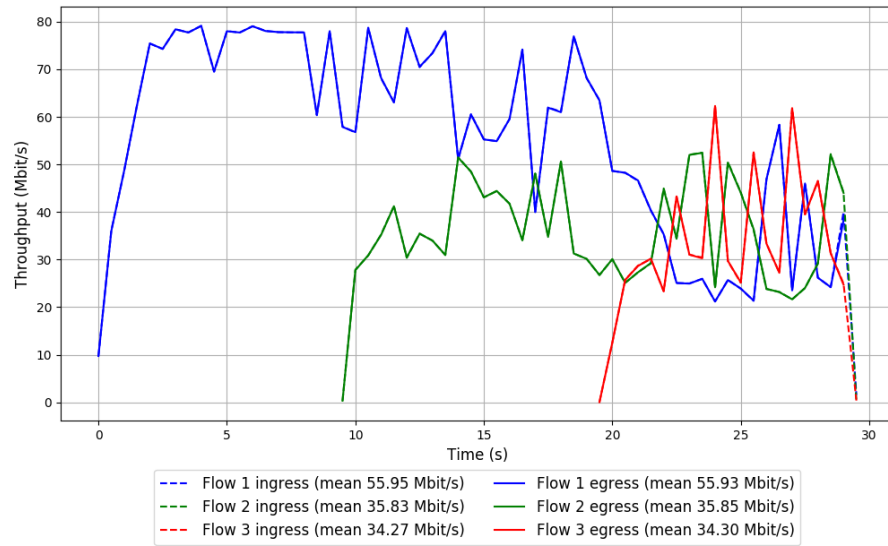


Run 4: Statistics of QUIC Cubic

Start at: 2017-09-07 23:01:01
End at: 2017-09-07 23:01:31
Local clock offset: 0.966 ms
Remote clock offset: -1.253 ms

Below is generated by plot.py at 2017-09-08 07:31:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.17 Mbit/s
95th percentile per-packet one-way delay: 1.083 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 55.93 Mbit/s
95th percentile per-packet one-way delay: 1.078 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 35.85 Mbit/s
95th percentile per-packet one-way delay: 1.077 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 34.30 Mbit/s
95th percentile per-packet one-way delay: 1.105 ms
Loss rate: 0.11%

Run 4: Report of QUIC Cubic — Data Link

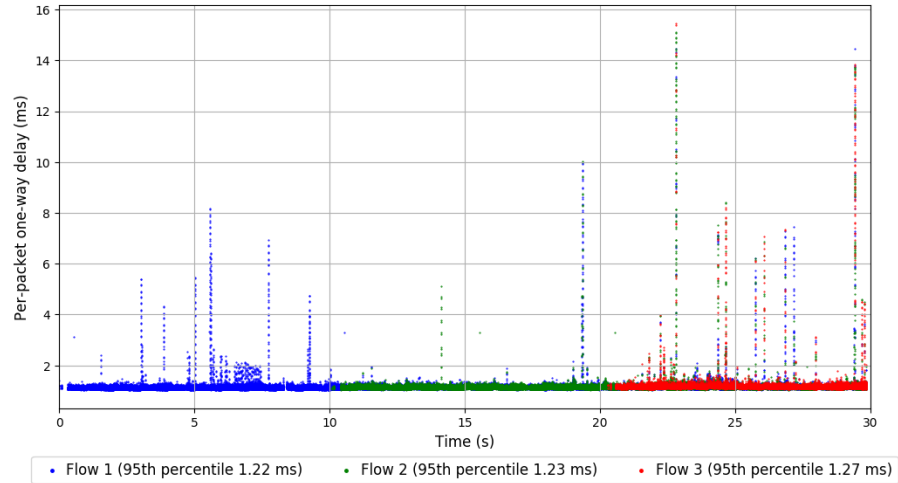
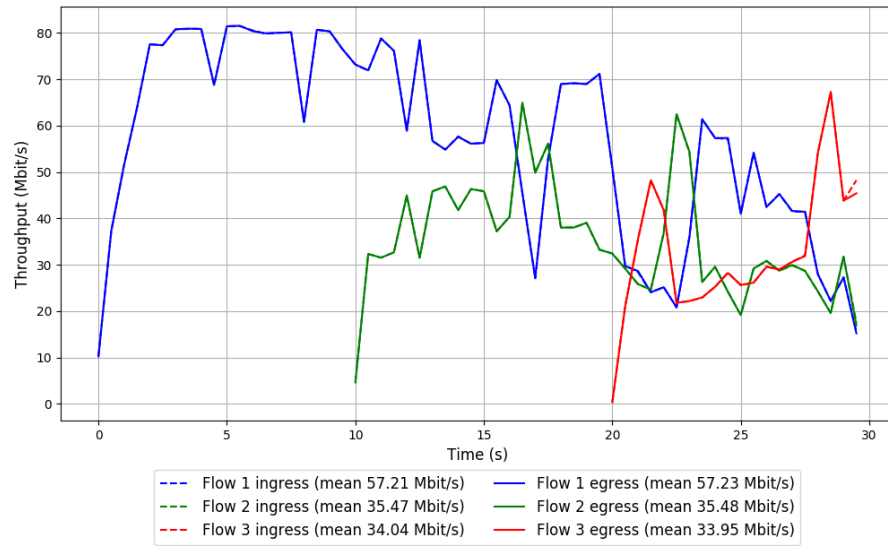


Run 5: Statistics of QUIC Cubic

Start at: 2017-09-07 23:23:10
End at: 2017-09-07 23:23:40
Local clock offset: 1.105 ms
Remote clock offset: -1.109 ms

Below is generated by plot.py at 2017-09-08 07:31:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.66 Mbit/s
95th percentile per-packet one-way delay: 1.231 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 57.23 Mbit/s
95th percentile per-packet one-way delay: 1.217 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 35.48 Mbit/s
95th percentile per-packet one-way delay: 1.234 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 33.95 Mbit/s
95th percentile per-packet one-way delay: 1.273 ms
Loss rate: 0.45%

Run 5: Report of QUIC Cubic — Data Link

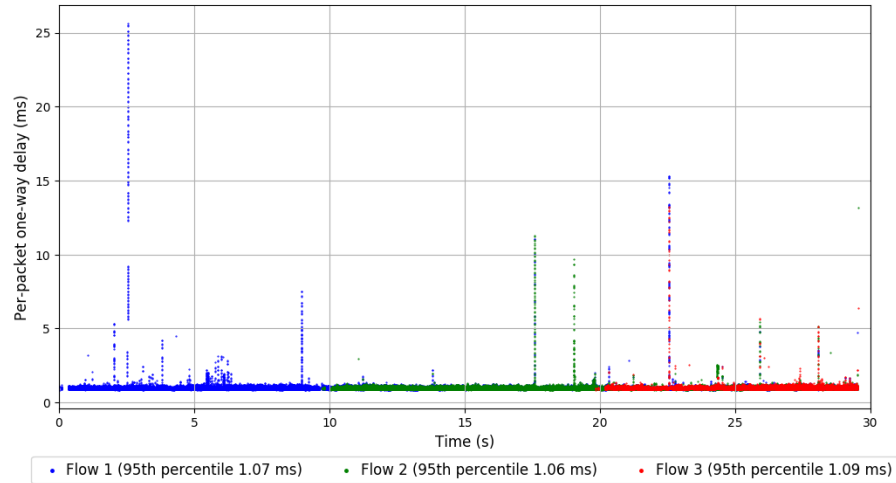
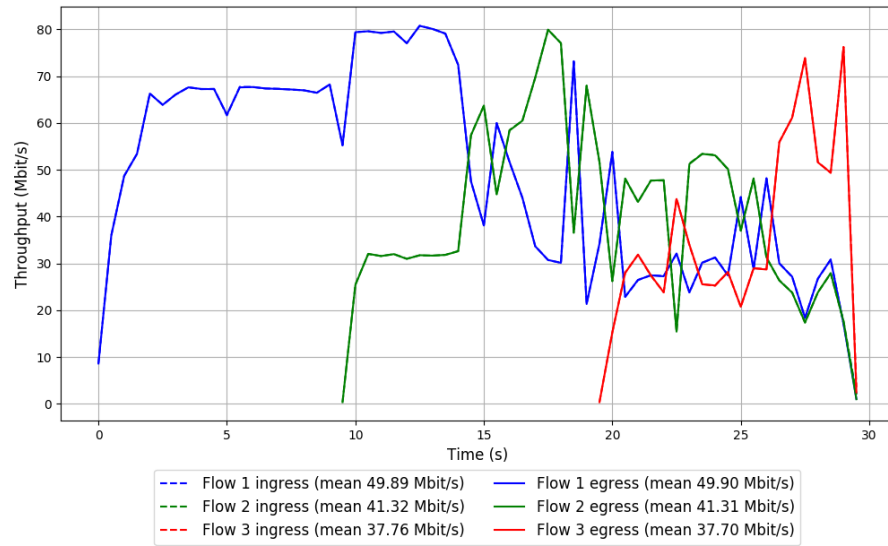


Run 6: Statistics of QUIC Cubic

Start at: 2017-09-07 23:45:11
End at: 2017-09-07 23:45:41
Local clock offset: 0.796 ms
Remote clock offset: -1.221 ms

Below is generated by plot.py at 2017-09-08 07:31:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.01 Mbit/s
95th percentile per-packet one-way delay: 1.074 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 49.90 Mbit/s
95th percentile per-packet one-way delay: 1.072 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 41.31 Mbit/s
95th percentile per-packet one-way delay: 1.065 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 37.70 Mbit/s
95th percentile per-packet one-way delay: 1.094 ms
Loss rate: 0.17%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2017-09-08 00:07:17

End at: 2017-09-08 00:07:47

Local clock offset: 0.818 ms

Remote clock offset: -1.2 ms

Below is generated by plot.py at 2017-09-08 07:32:05

Datalink statistics

-- Total of 3 flows:

Average throughput: 92.17 Mbit/s

95th percentile per-packet one-way delay: 1.132 ms

Loss rate: 0.09%

-- Flow 1:

Average throughput: 55.61 Mbit/s

95th percentile per-packet one-way delay: 1.133 ms

Loss rate: 0.05%

-- Flow 2:

Average throughput: 38.74 Mbit/s

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

Loss rate: 0.11%

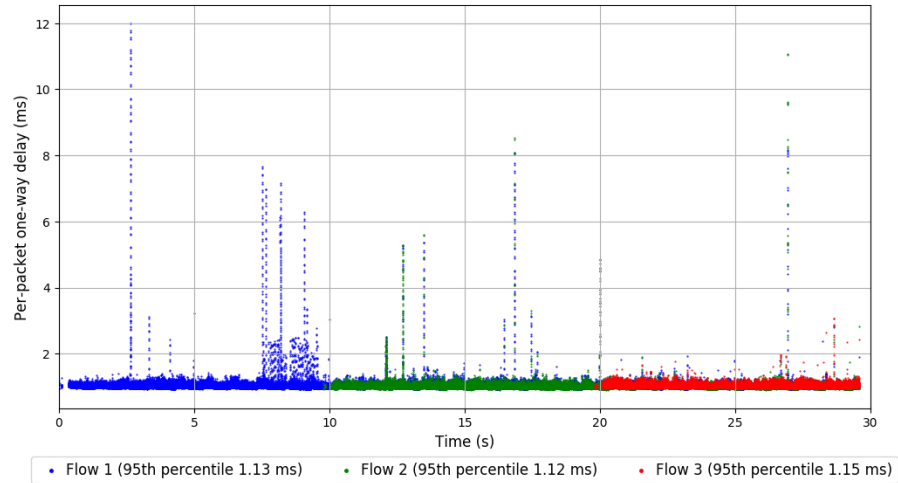
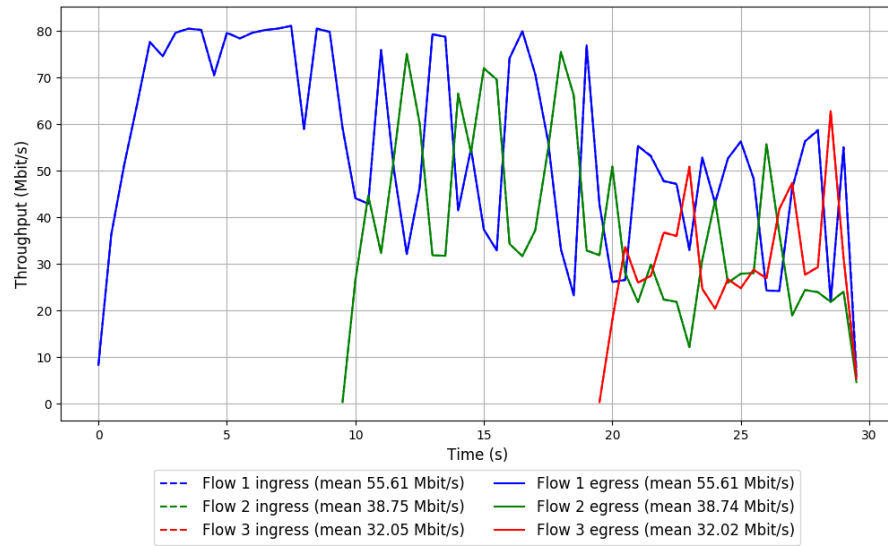
-- Flow 3:

Average throughput: 32.02 Mbit/s

95th percentile per-packet one-way delay: 1.149 ms

Loss rate: 0.24%

Run 7: Report of QUIC Cubic — Data Link

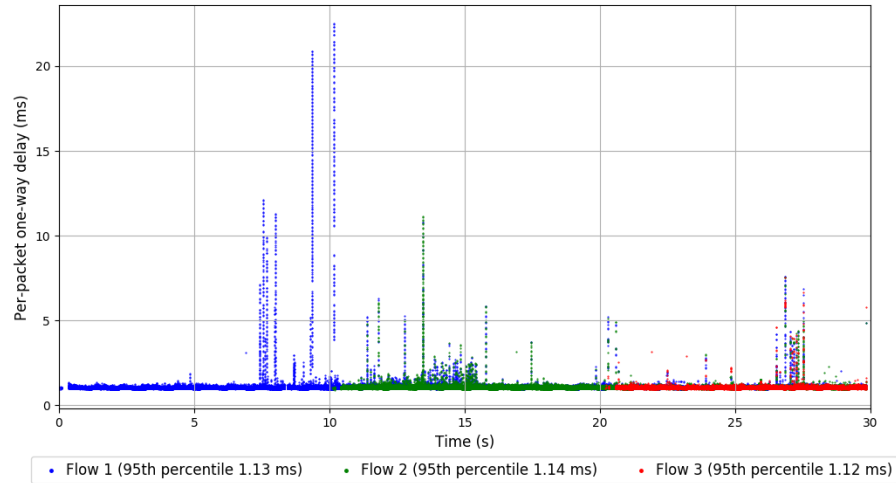
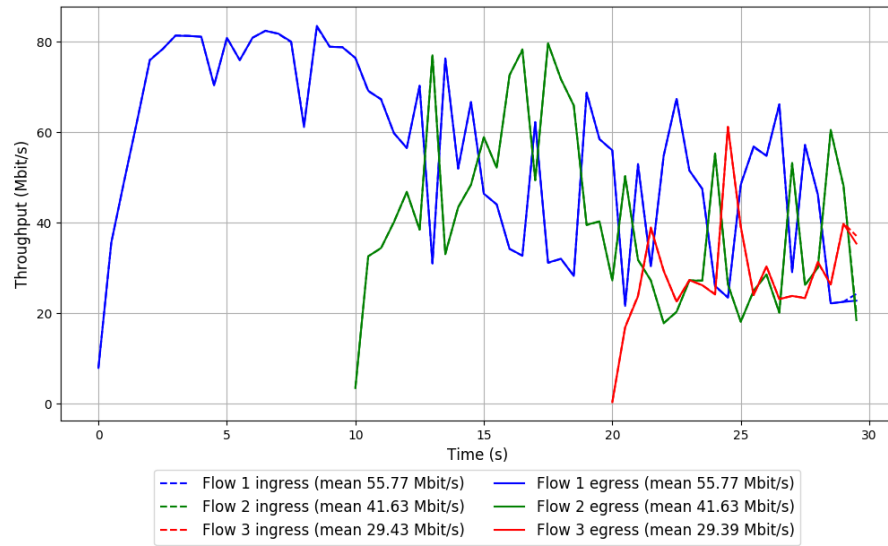


Run 8: Statistics of QUIC Cubic

Start at: 2017-09-08 00:29:23
End at: 2017-09-08 00:29:53
Local clock offset: 0.868 ms
Remote clock offset: -1.146 ms

Below is generated by plot.py at 2017-09-08 07:32:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.82 Mbit/s
95th percentile per-packet one-way delay: 1.133 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 55.77 Mbit/s
95th percentile per-packet one-way delay: 1.133 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 41.63 Mbit/s
95th percentile per-packet one-way delay: 1.139 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 29.39 Mbit/s
95th percentile per-packet one-way delay: 1.124 ms
Loss rate: 0.33%

Run 8: Report of QUIC Cubic — Data Link

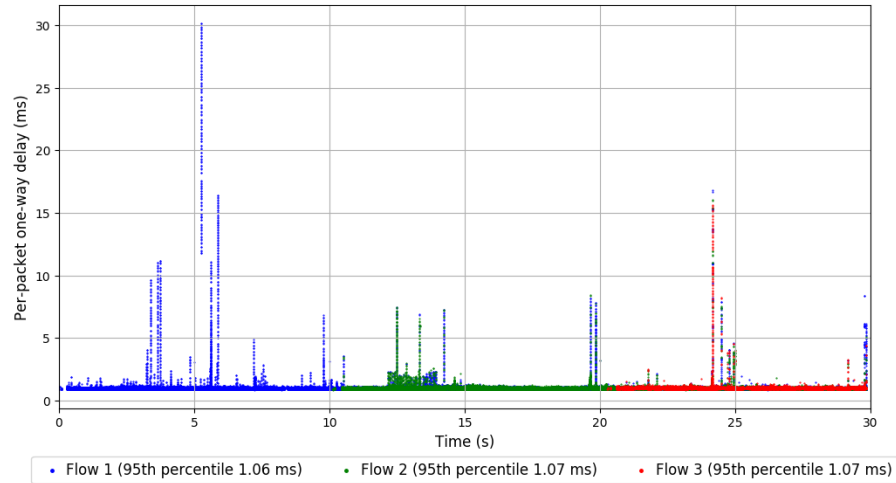
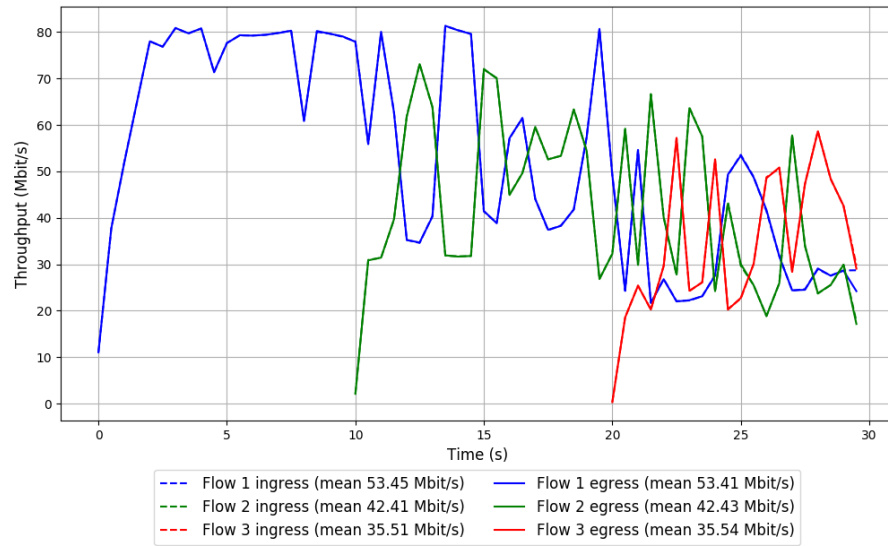


Run 9: Statistics of QUIC Cubic

Start at: 2017-09-08 00:51:20
End at: 2017-09-08 00:51:50
Local clock offset: 0.807 ms
Remote clock offset: -1.205 ms

Below is generated by plot.py at 2017-09-08 07:32:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.91 Mbit/s
95th percentile per-packet one-way delay: 1.068 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 53.41 Mbit/s
95th percentile per-packet one-way delay: 1.064 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 42.43 Mbit/s
95th percentile per-packet one-way delay: 1.073 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 35.54 Mbit/s
95th percentile per-packet one-way delay: 1.075 ms
Loss rate: 0.12%

Run 9: Report of QUIC Cubic — Data Link

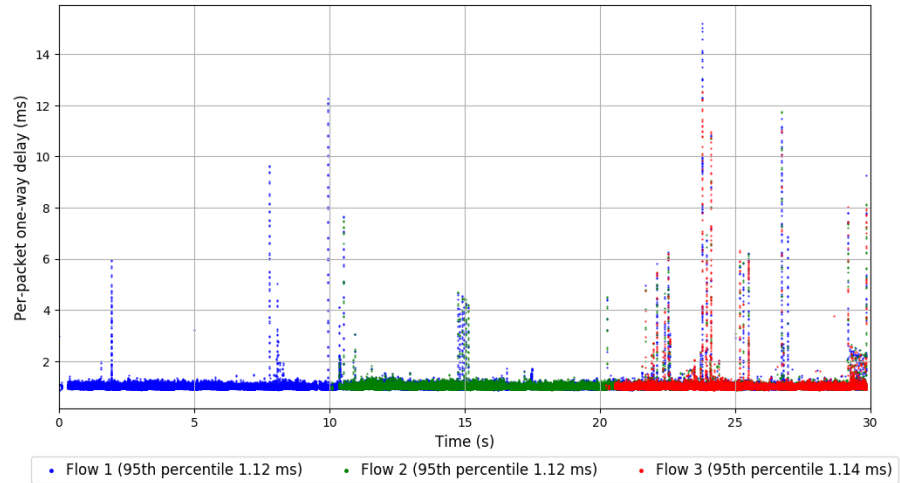
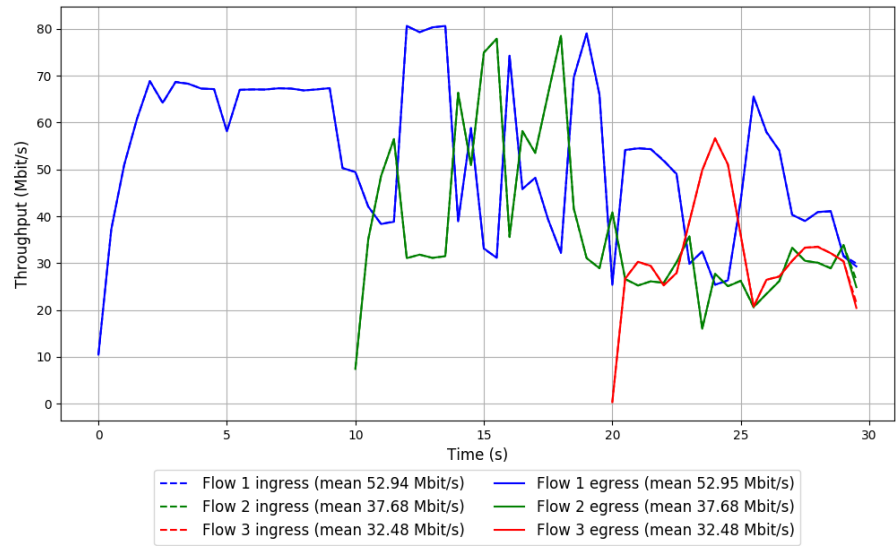


Run 10: Statistics of QUIC Cubic

Start at: 2017-09-08 01:13:18
End at: 2017-09-08 01:13:48
Local clock offset: 0.799 ms
Remote clock offset: -1.148 ms

Below is generated by plot.py at 2017-09-08 07:32:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.47 Mbit/s
95th percentile per-packet one-way delay: 1.122 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 52.95 Mbit/s
95th percentile per-packet one-way delay: 1.119 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 37.68 Mbit/s
95th percentile per-packet one-way delay: 1.124 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 32.48 Mbit/s
95th percentile per-packet one-way delay: 1.139 ms
Loss rate: 0.18%

Run 10: Report of QUIC Cubic — Data Link



Run 1: Statistics of SCReAM

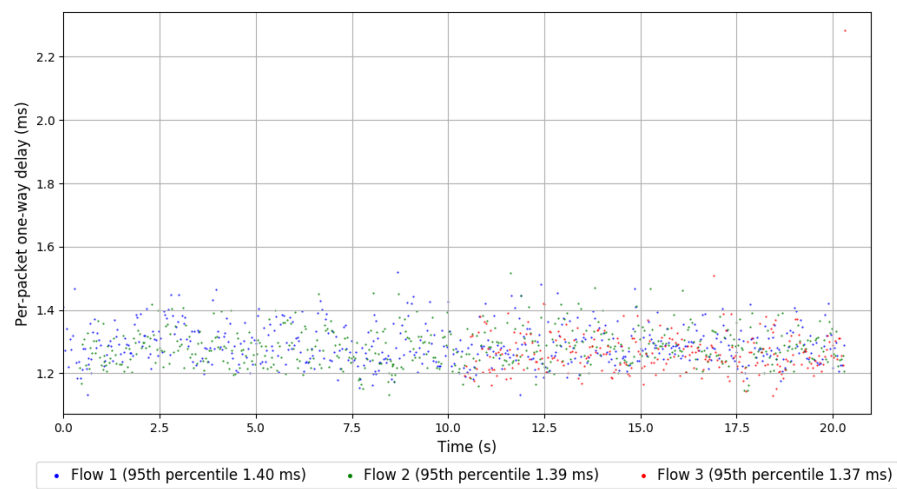
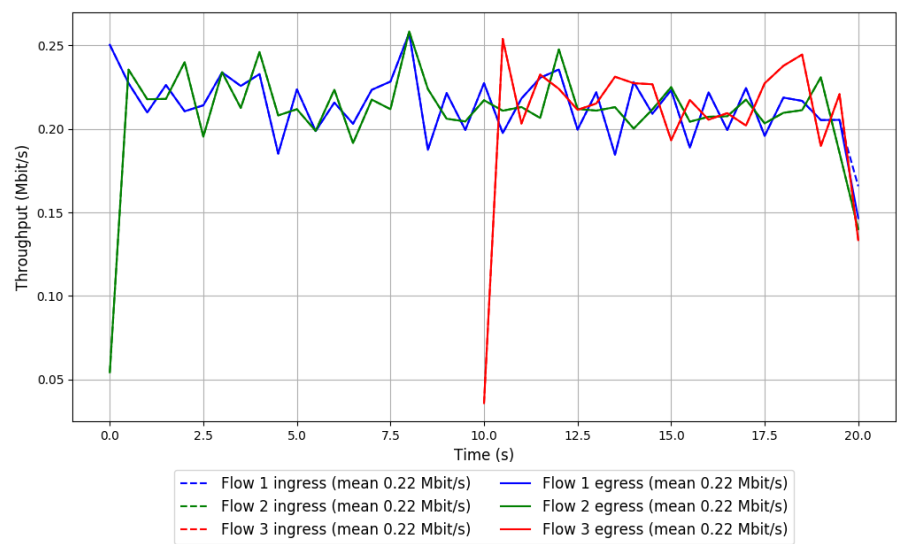
Start at: 2017-09-07 21:56:03

End at: 2017-09-07 21:56:33

Local clock offset: 0.991 ms

Remote clock offset: -2.81 ms

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SReAM

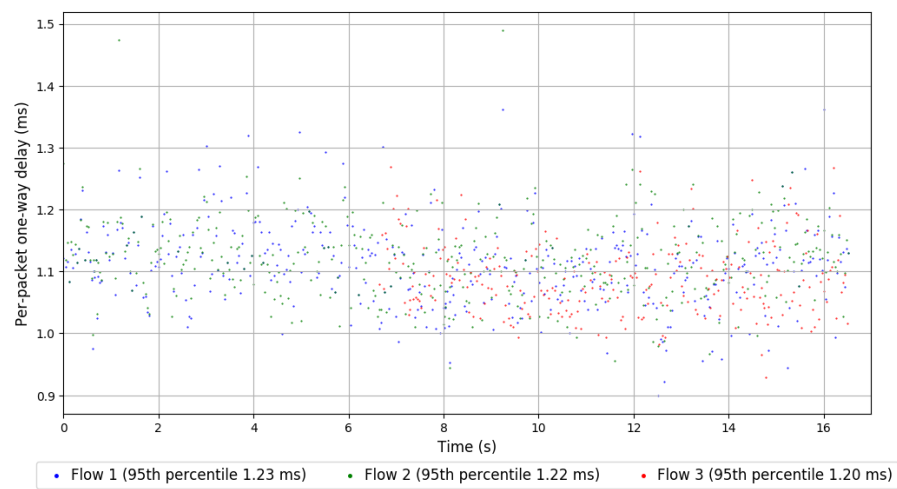
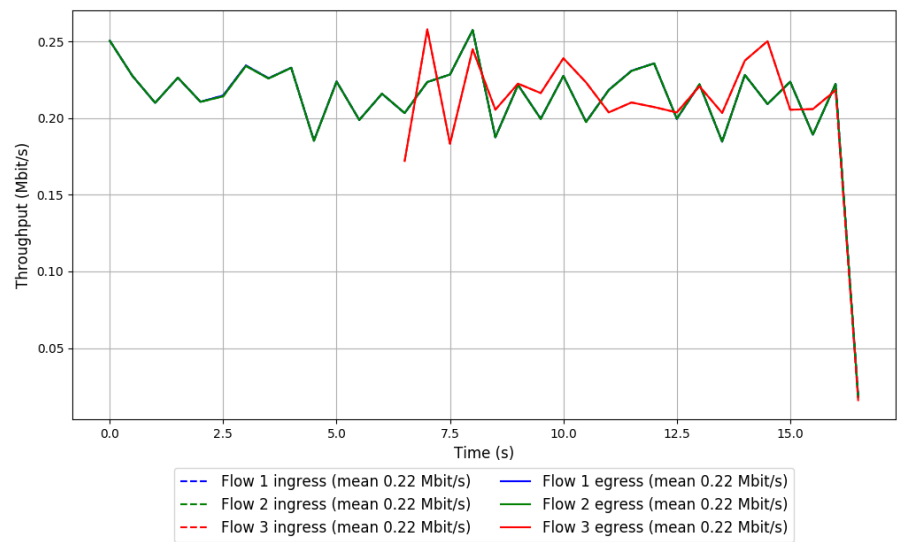
Start at: 2017-09-07 22:18:05

End at: 2017-09-07 22:18:35

Local clock offset: 0.986 ms

Remote clock offset: -1.777 ms

Run 2: Report of SReAM — Data Link

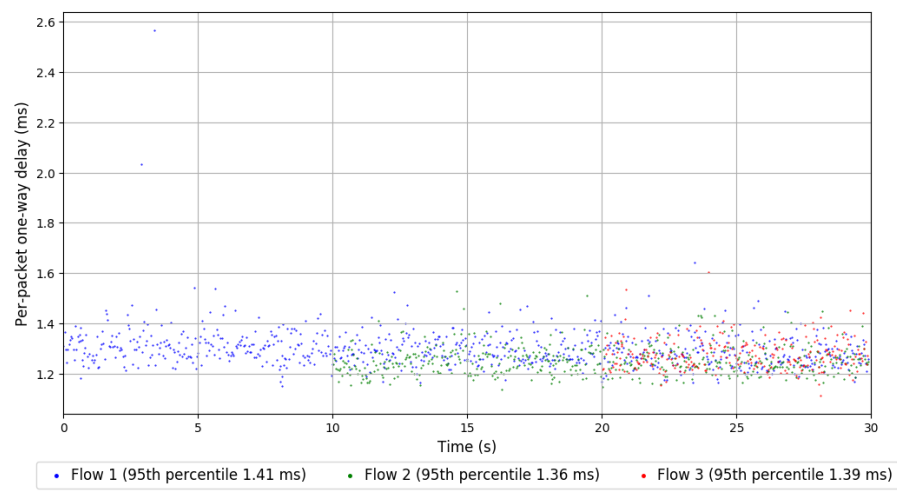
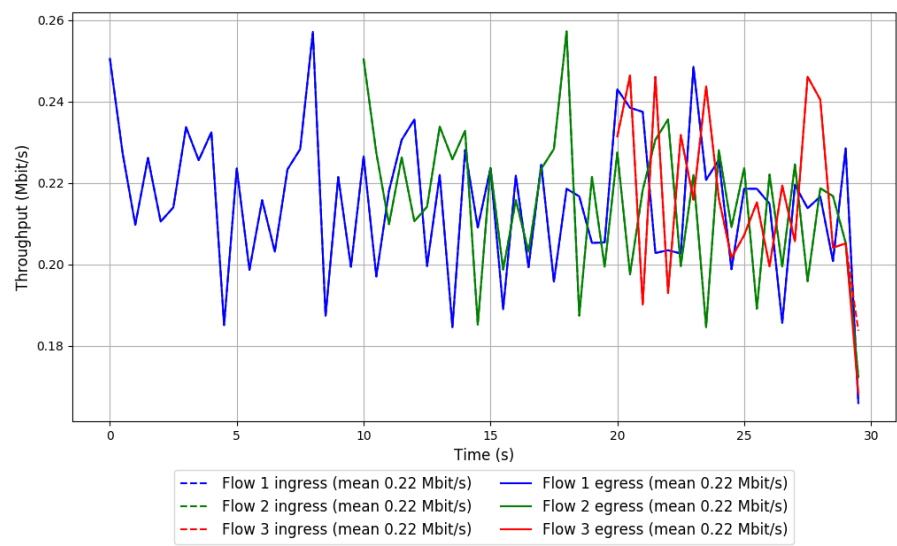


Run 3: Statistics of SReAM

Start at: 2017-09-07 22:40:16
End at: 2017-09-07 22:40:46
Local clock offset: 1.023 ms
Remote clock offset: -1.807 ms

Below is generated by plot.py at 2017-09-08 07:32:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1.390 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.409 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.359 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.385 ms
Loss rate: 0.35%

Run 3: Report of SReAM — Data Link

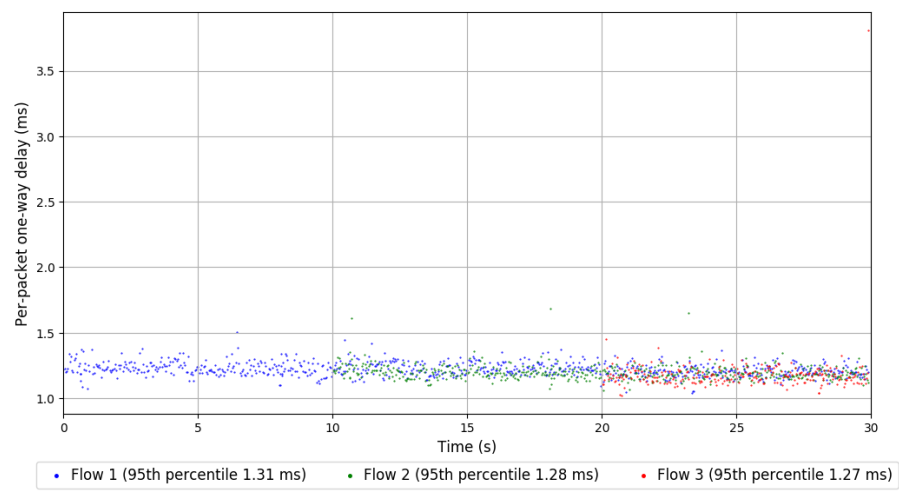
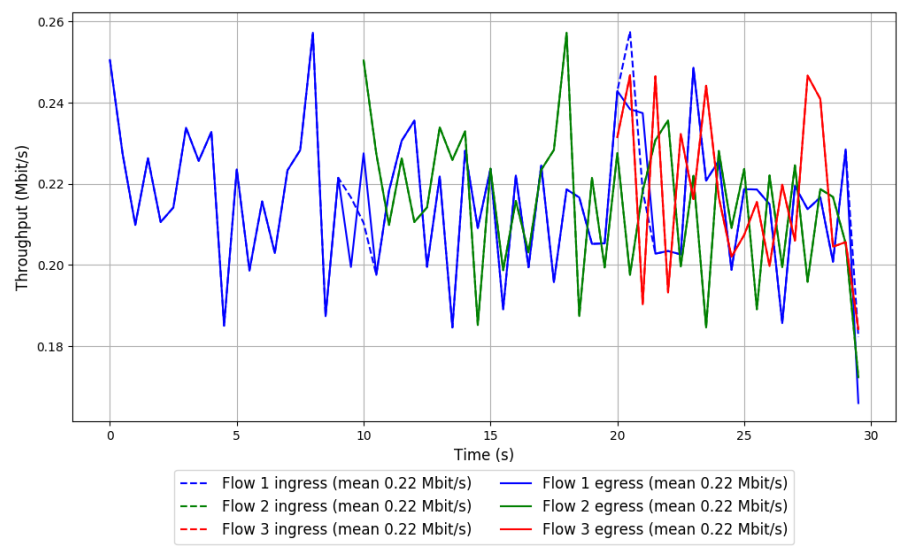


Run 4: Statistics of SReAM

Start at: 2017-09-07 23:02:17
End at: 2017-09-07 23:02:47
Local clock offset: 1.077 ms
Remote clock offset: -1.186 ms

Below is generated by plot.py at 2017-09-08 07:32:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1.300 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.311 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.280 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.267 ms
Loss rate: 0.00%

Run 4: Report of SCRaM — Data Link



Run 5: Statistics of SCReAM

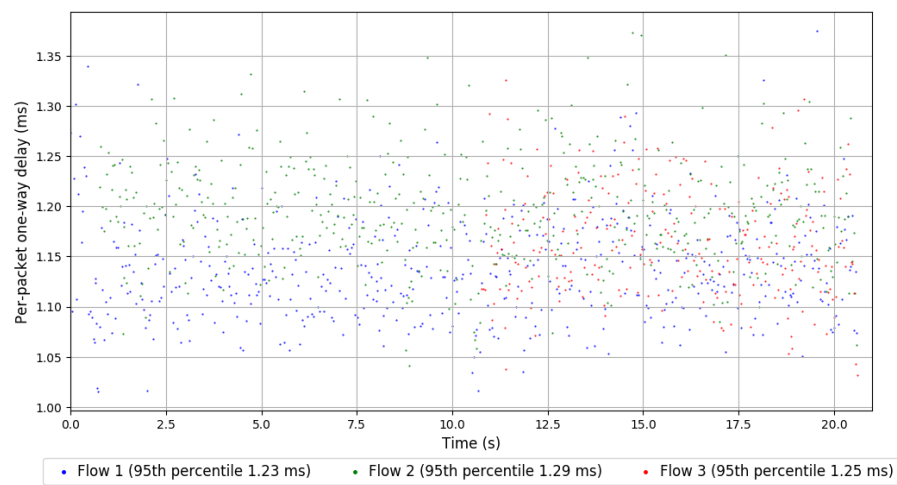
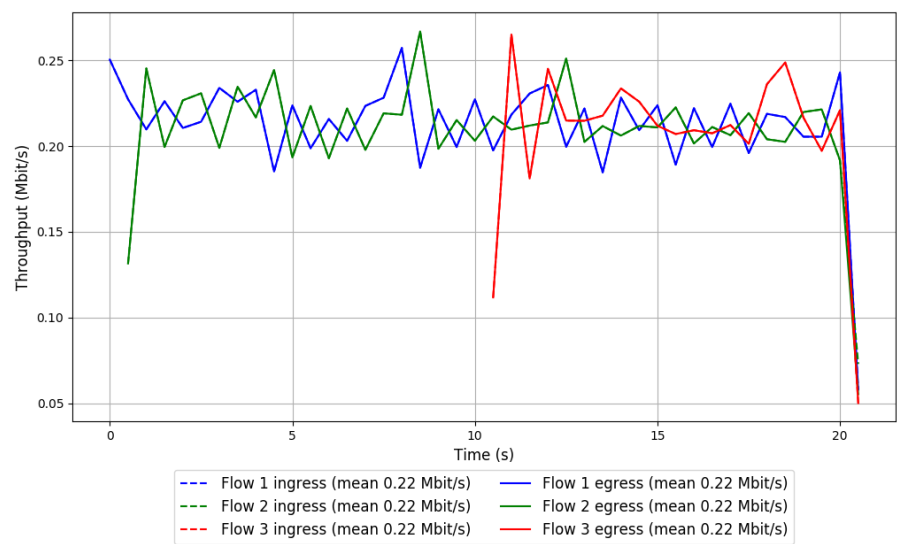
Start at: 2017-09-07 23:24:26

End at: 2017-09-07 23:24:56

Local clock offset: 1.012 ms

Remote clock offset: -1.048 ms

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

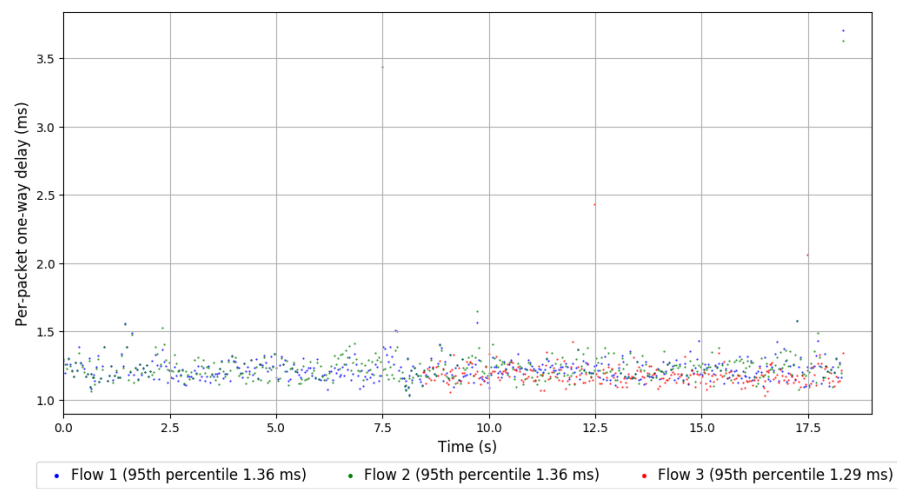
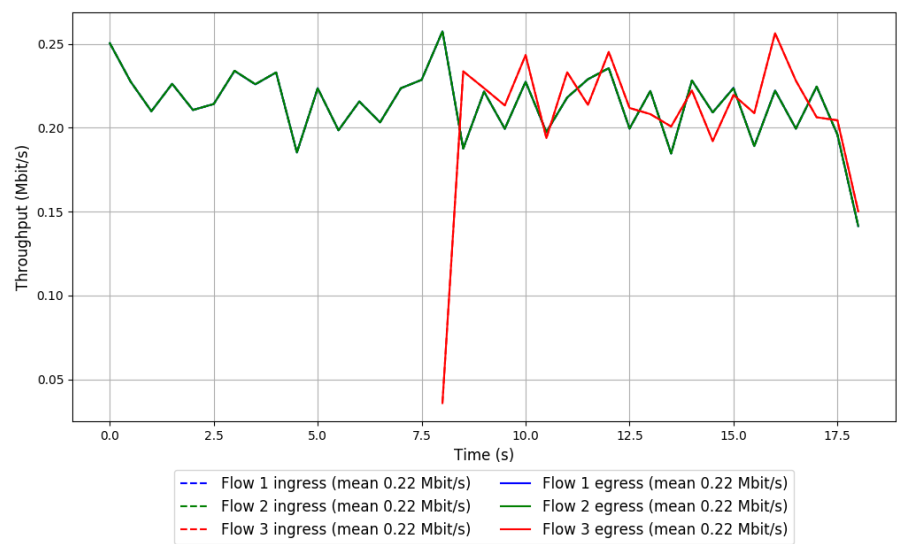
Start at: 2017-09-07 23:46:27

End at: 2017-09-07 23:46:57

Local clock offset: 0.804 ms

Remote clock offset: -1.316 ms

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

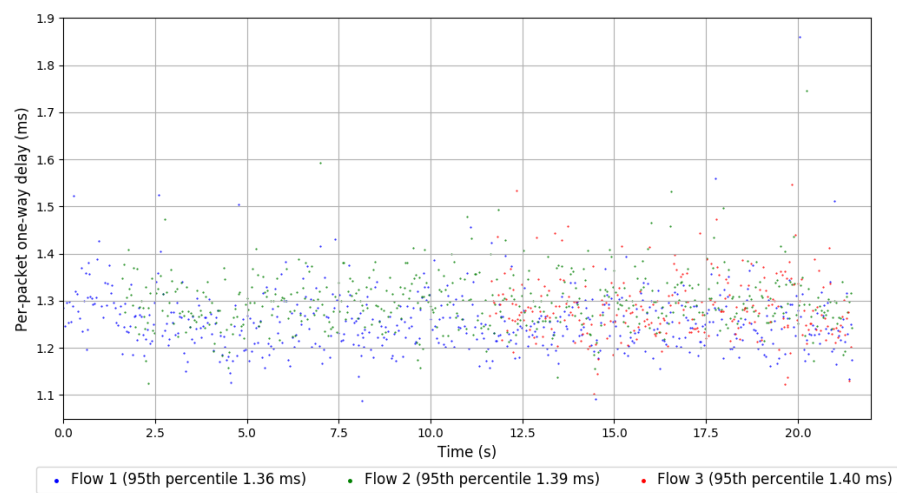
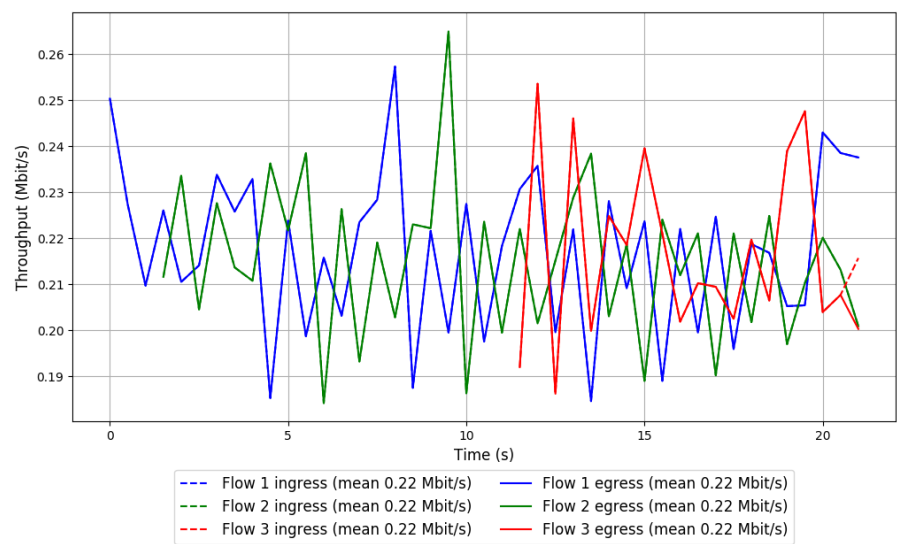
Start at: 2017-09-08 00:08:33

End at: 2017-09-08 00:09:03

Local clock offset: 0.844 ms

Remote clock offset: -1.281 ms

Run 7: Report of SReAM — Data Link

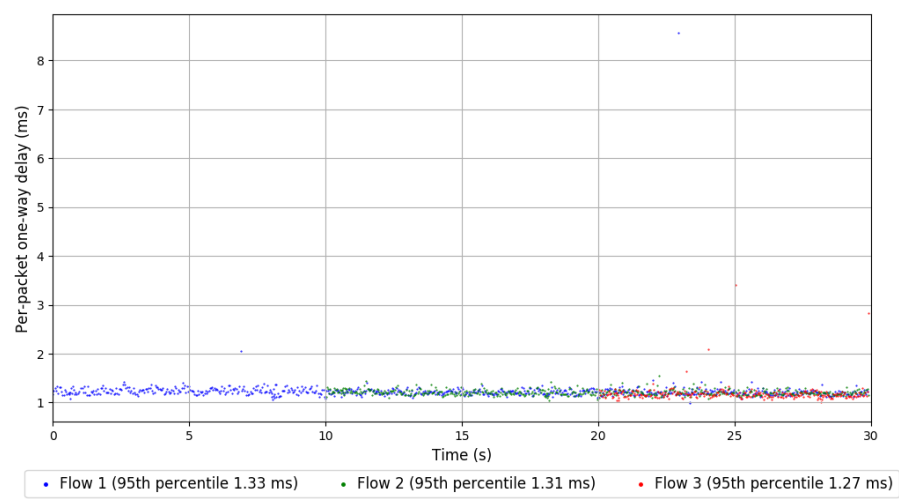
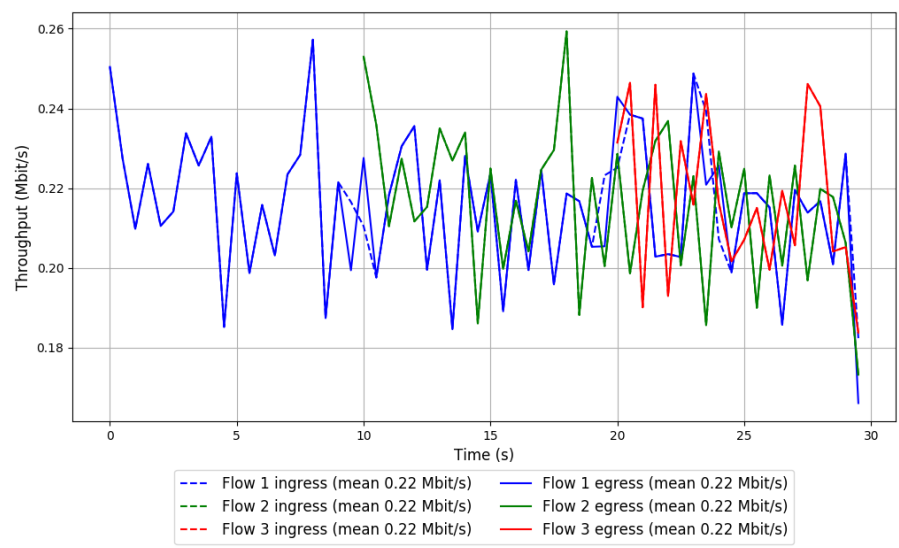


Run 8: Statistics of SReAM

Start at: 2017-09-08 00:30:39
End at: 2017-09-08 00:31:09
Local clock offset: 0.885 ms
Remote clock offset: -1.147 ms

Below is generated by plot.py at 2017-09-08 07:32:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1.318 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.331 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.309 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.272 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

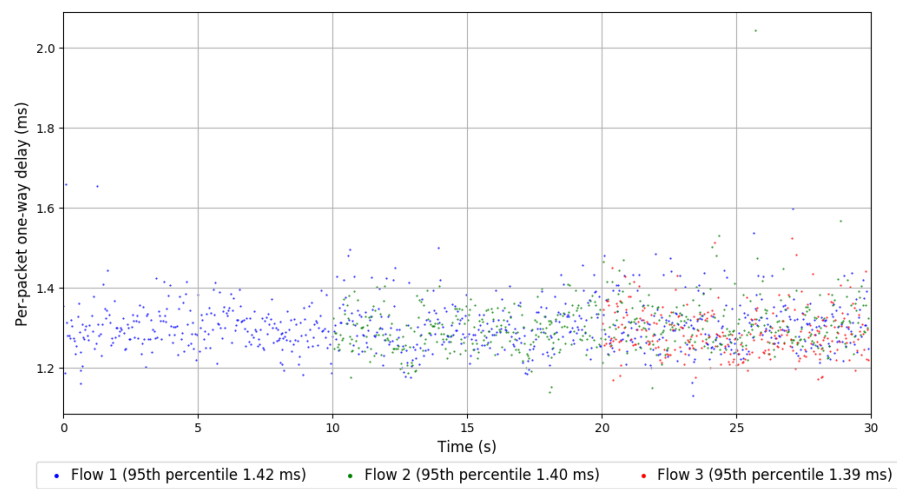
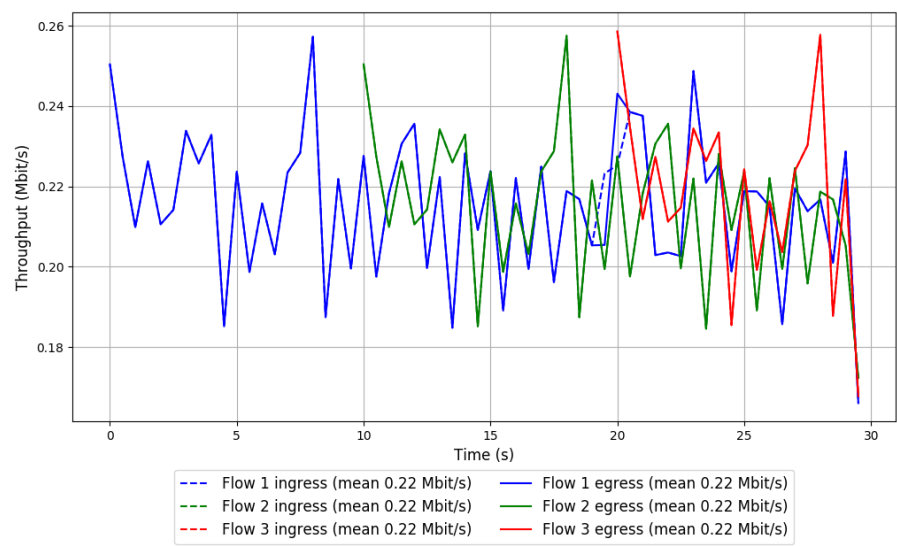


Run 9: Statistics of SReAM

Start at: 2017-09-08 00:52:36
End at: 2017-09-08 00:53:06
Local clock offset: 0.9 ms
Remote clock offset: -1.254 ms

Below is generated by plot.py at 2017-09-08 07:32:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1.405 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.415 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.397 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.390 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

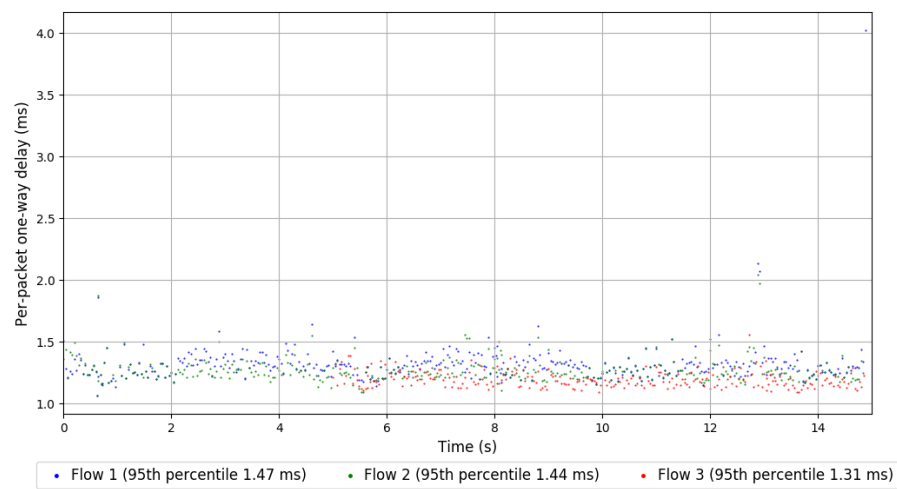
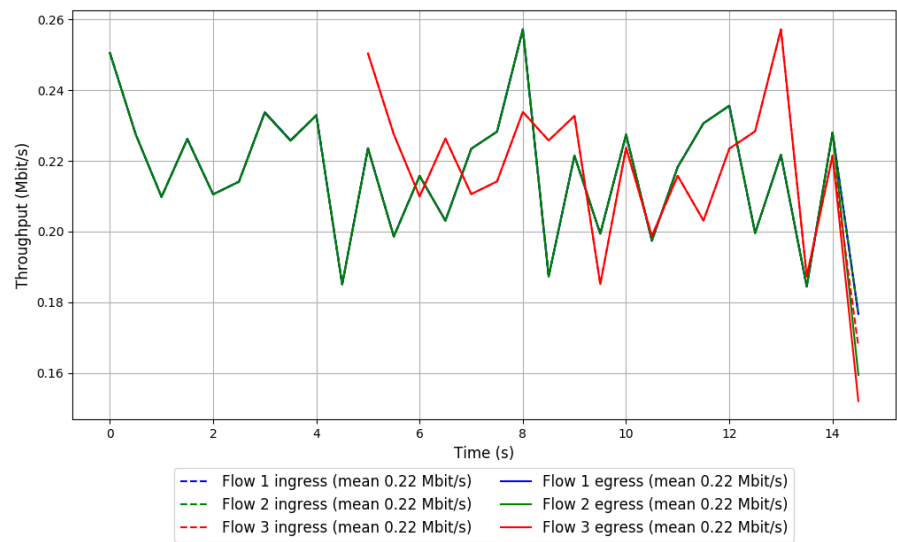
Start at: 2017-09-08 01:14:33

End at: 2017-09-08 01:15:03

Local clock offset: 0.897 ms

Remote clock offset: -1.159 ms

Run 10: Report of SReAM — Data Link

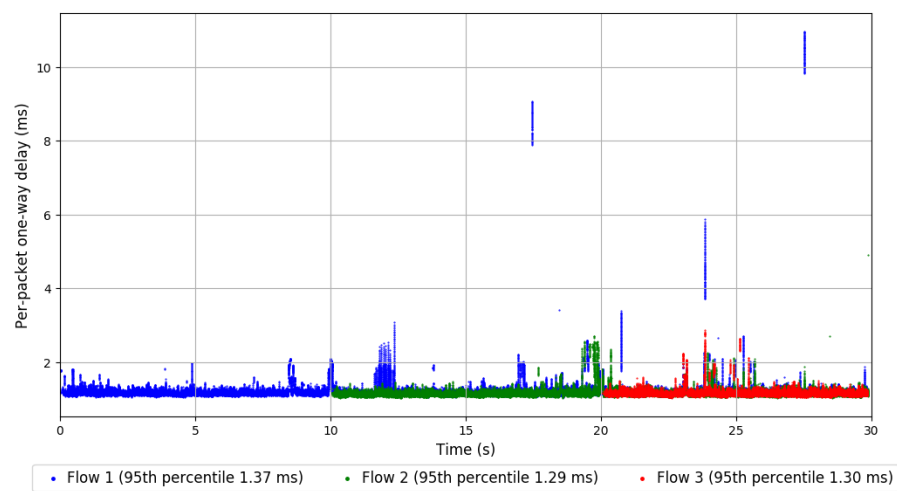
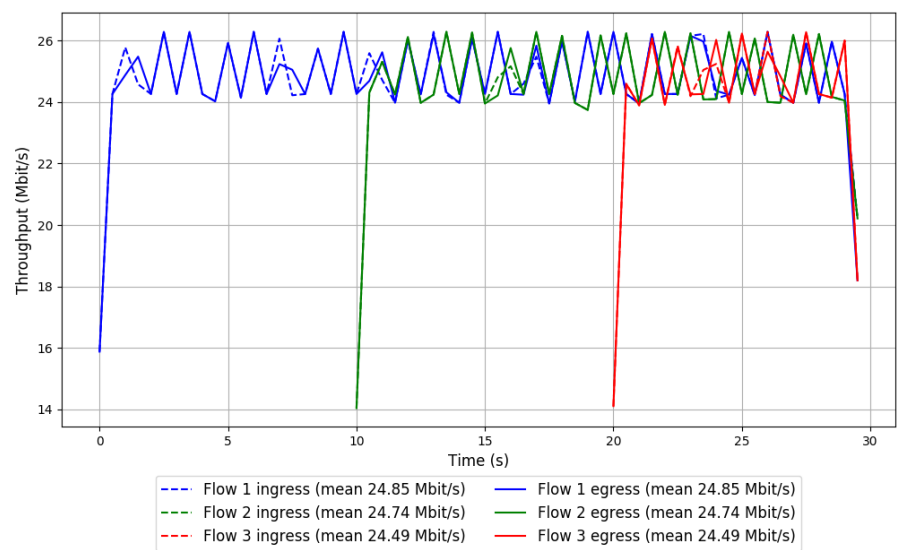


Run 1: Statistics of Sprout

Start at: 2017-09-07 22:08:02
End at: 2017-09-07 22:08:32
Local clock offset: 1.075 ms
Remote clock offset: -2.299 ms

Below is generated by plot.py at 2017-09-08 07:32:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 49.29 Mbit/s
95th percentile per-packet one-way delay: 1.328 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 24.85 Mbit/s
95th percentile per-packet one-way delay: 1.366 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 24.74 Mbit/s
95th percentile per-packet one-way delay: 1.295 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.49 Mbit/s
95th percentile per-packet one-way delay: 1.298 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

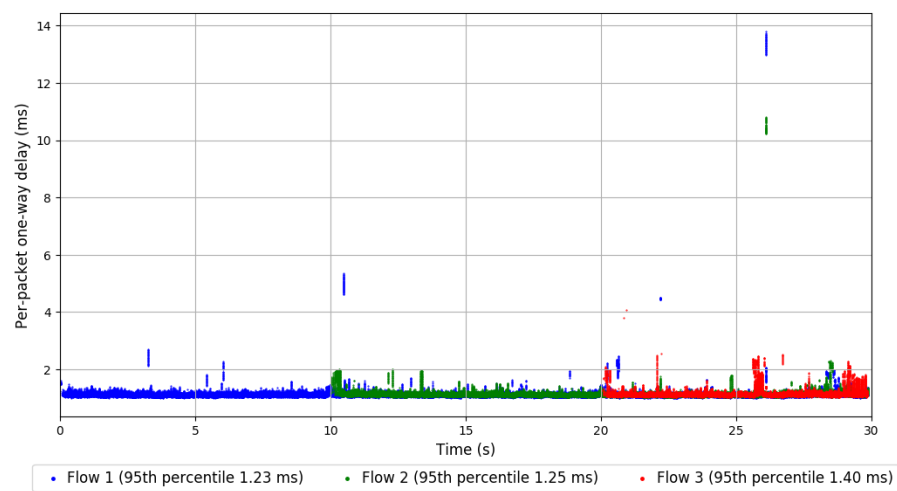
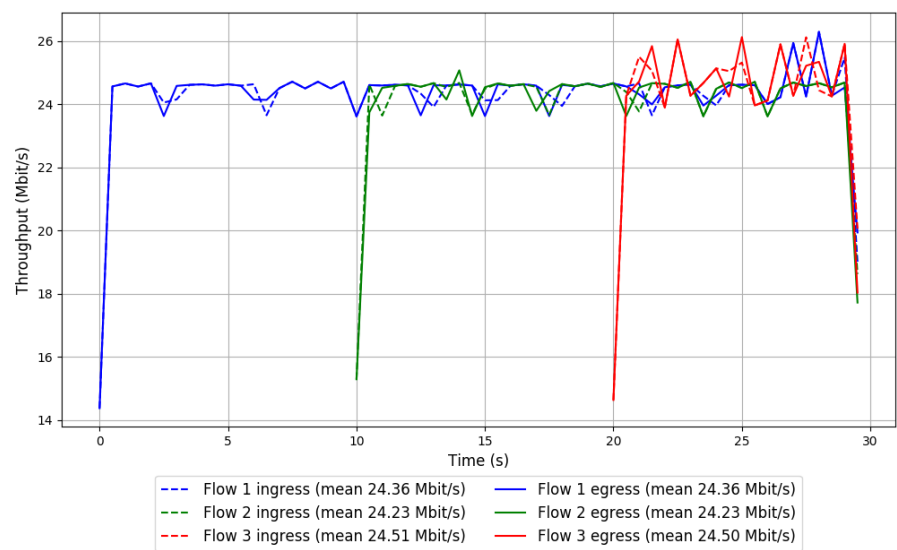


Run 2: Statistics of Sprout

Start at: 2017-09-07 22:30:04
End at: 2017-09-07 22:30:34
Local clock offset: 1.027 ms
Remote clock offset: -1.756 ms

Below is generated by plot.py at 2017-09-08 07:32:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.51 Mbit/s
95th percentile per-packet one-way delay: 1.252 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 24.36 Mbit/s
95th percentile per-packet one-way delay: 1.233 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.23 Mbit/s
95th percentile per-packet one-way delay: 1.246 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 24.50 Mbit/s
95th percentile per-packet one-way delay: 1.404 ms
Loss rate: 0.42%

Run 2: Report of Sprout — Data Link

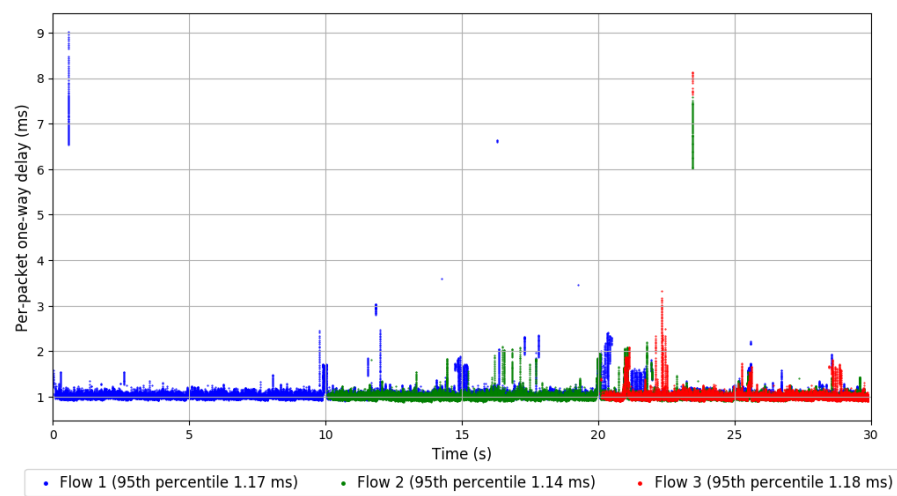
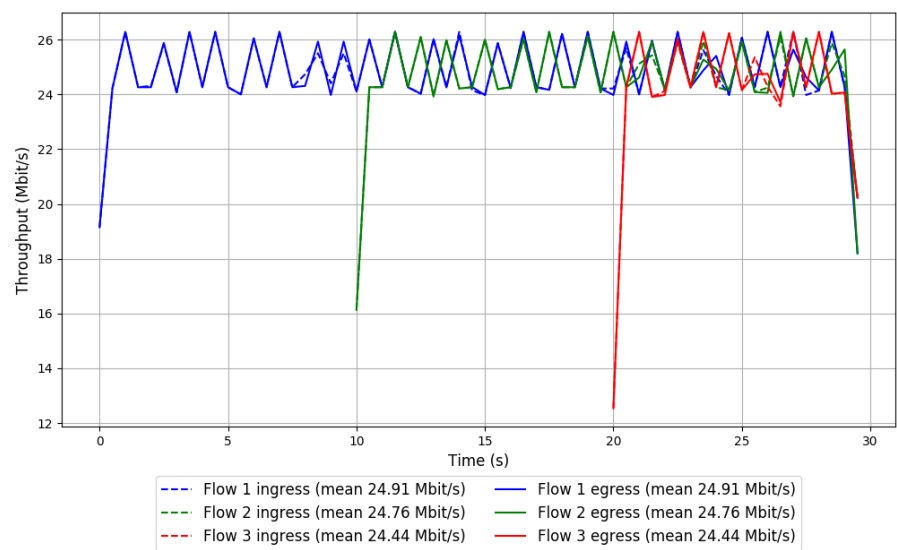


Run 3: Statistics of Sprout

Start at: 2017-09-07 22:52:10
End at: 2017-09-07 22:52:40
Local clock offset: 0.954 ms
Remote clock offset: -1.431 ms

Below is generated by plot.py at 2017-09-08 07:32:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 49.38 Mbit/s
95th percentile per-packet one-way delay: 1.164 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 24.91 Mbit/s
95th percentile per-packet one-way delay: 1.170 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 24.76 Mbit/s
95th percentile per-packet one-way delay: 1.144 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 24.44 Mbit/s
95th percentile per-packet one-way delay: 1.178 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

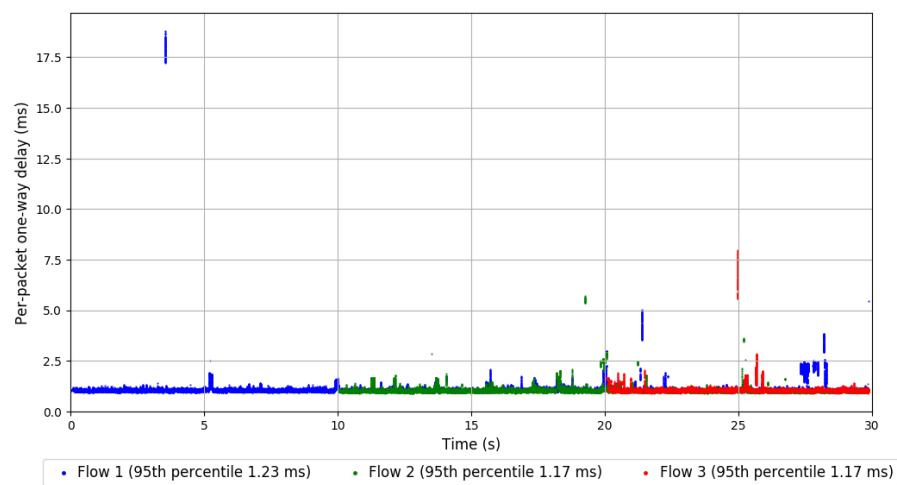
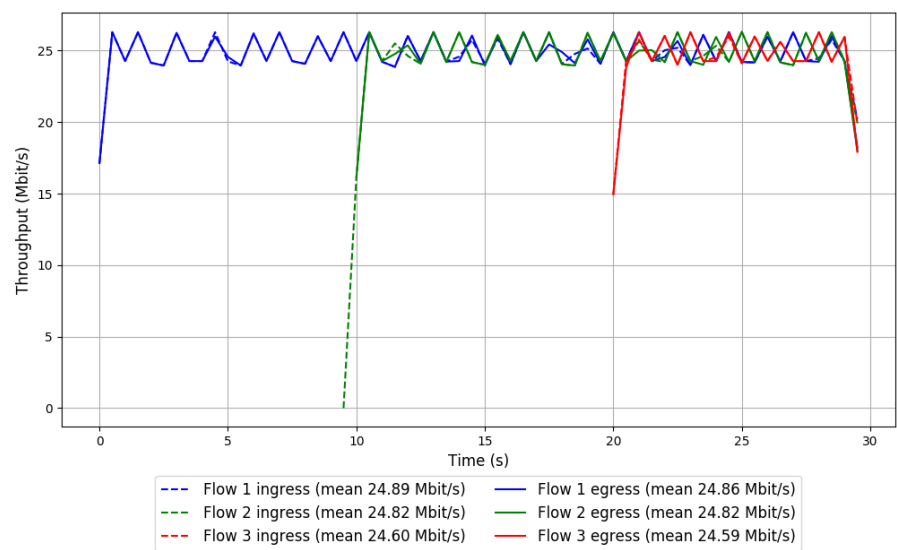


Run 4: Statistics of Sprout

Start at: 2017-09-07 23:14:21
End at: 2017-09-07 23:14:51
Local clock offset: 1.058 ms
Remote clock offset: -1.122 ms

Below is generated by plot.py at 2017-09-08 07:32:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 49.43 Mbit/s
95th percentile per-packet one-way delay: 1.198 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 24.86 Mbit/s
95th percentile per-packet one-way delay: 1.229 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 24.82 Mbit/s
95th percentile per-packet one-way delay: 1.170 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 24.59 Mbit/s
95th percentile per-packet one-way delay: 1.169 ms
Loss rate: 0.41%

Run 4: Report of Sprout — Data Link

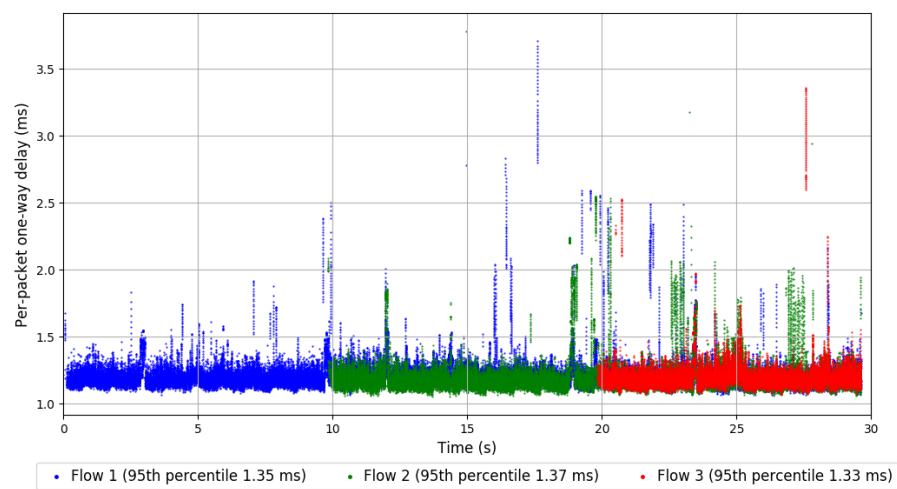
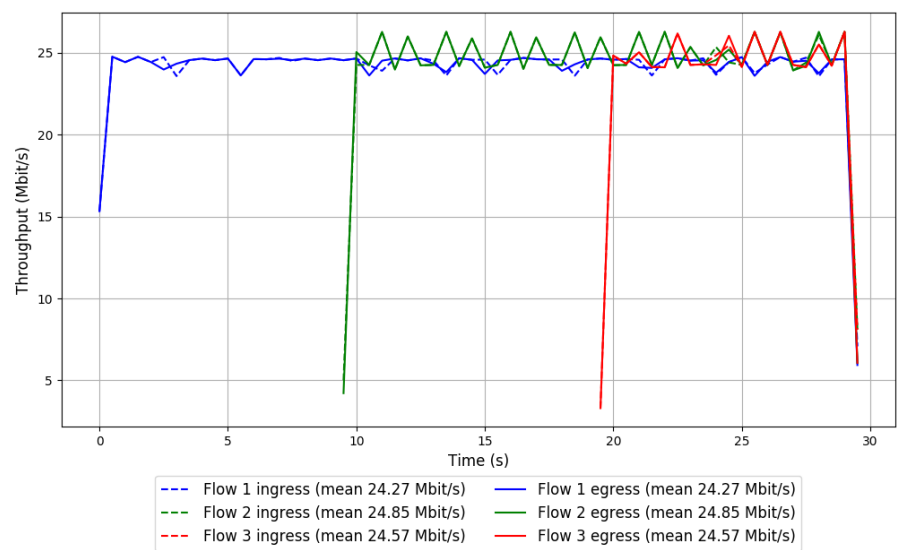


Run 5: Statistics of Sprout

Start at: 2017-09-07 23:36:23
End at: 2017-09-07 23:36:53
Local clock offset: 0.999 ms
Remote clock offset: -1.137 ms

Below is generated by plot.py at 2017-09-08 07:32:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 49.03 Mbit/s
95th percentile per-packet one-way delay: 1.350 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 24.27 Mbit/s
95th percentile per-packet one-way delay: 1.349 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 24.85 Mbit/s
95th percentile per-packet one-way delay: 1.368 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 24.57 Mbit/s
95th percentile per-packet one-way delay: 1.331 ms
Loss rate: 0.42%

Run 5: Report of Sprout — Data Link

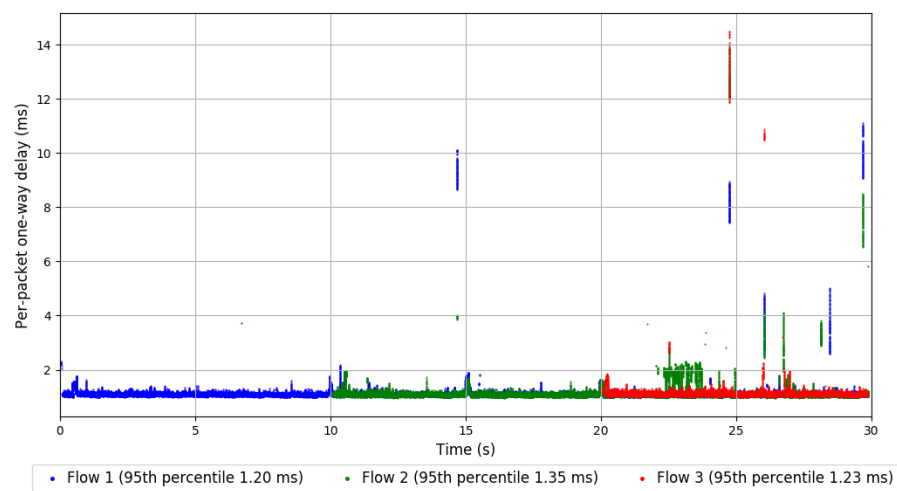
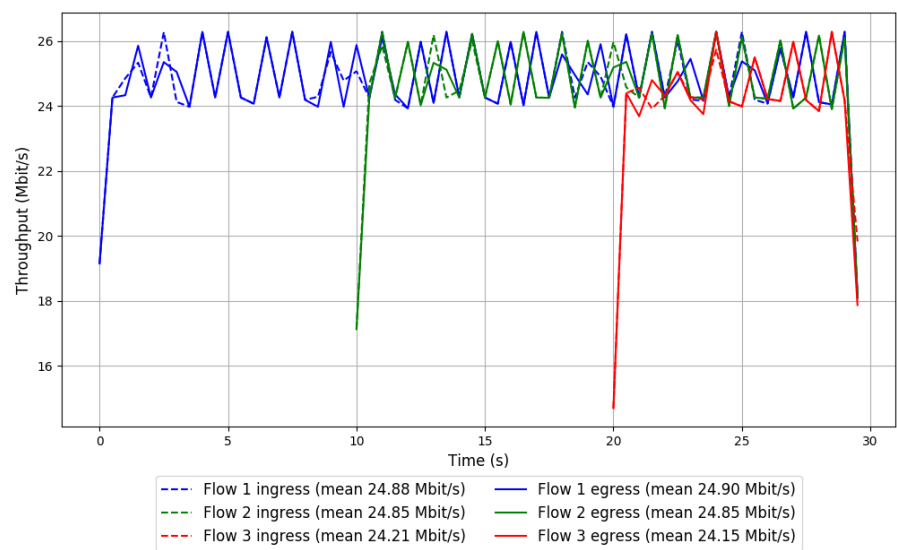


Run 6: Statistics of Sprout

Start at: 2017-09-07 23:58:25
End at: 2017-09-07 23:58:55
Local clock offset: 0.817 ms
Remote clock offset: -1.244 ms

Below is generated by plot.py at 2017-09-08 07:32:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 49.34 Mbit/s
95th percentile per-packet one-way delay: 1.229 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 24.90 Mbit/s
95th percentile per-packet one-way delay: 1.199 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 24.85 Mbit/s
95th percentile per-packet one-way delay: 1.353 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.15 Mbit/s
95th percentile per-packet one-way delay: 1.226 ms
Loss rate: 0.41%

Run 6: Report of Sprout — Data Link

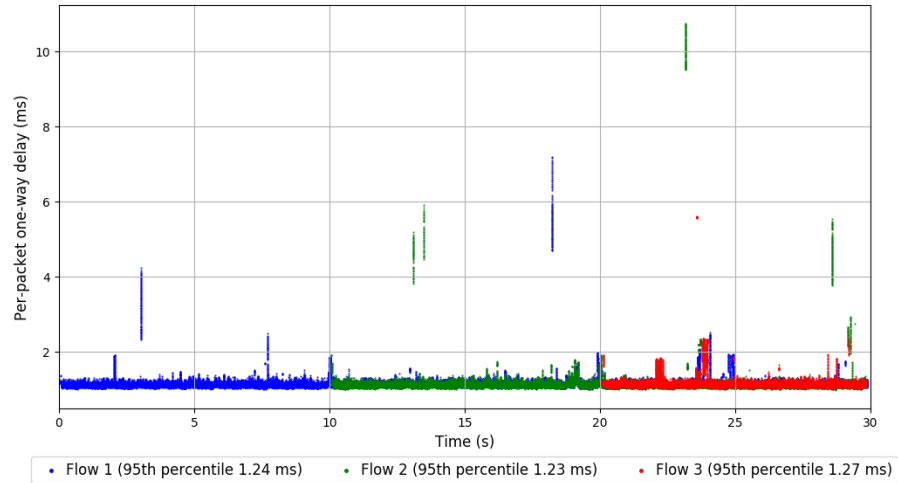
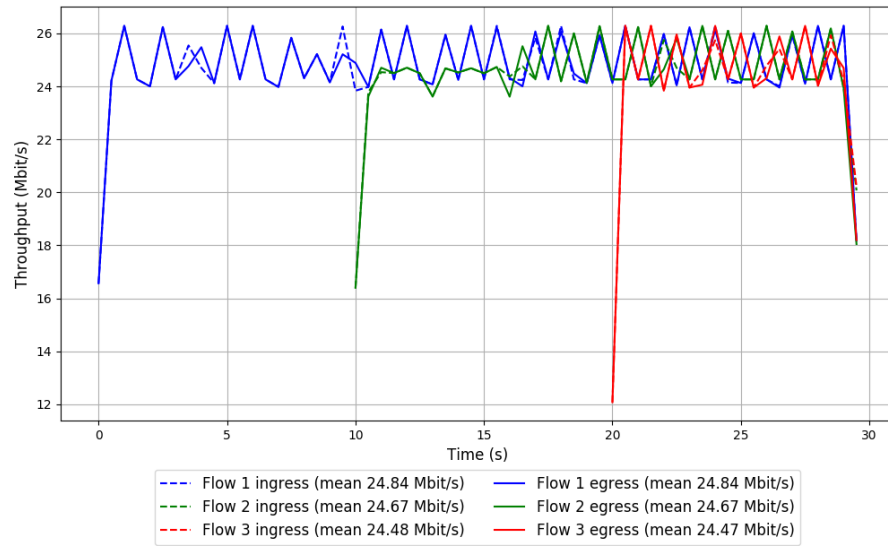


Run 7: Statistics of Sprout

Start at: 2017-09-08 00:20:27
End at: 2017-09-08 00:20:57
Local clock offset: 0.826 ms
Remote clock offset: -1.236 ms

Below is generated by plot.py at 2017-09-08 07:32:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 49.25 Mbit/s
95th percentile per-packet one-way delay: 1.240 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 24.84 Mbit/s
95th percentile per-packet one-way delay: 1.237 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.67 Mbit/s
95th percentile per-packet one-way delay: 1.233 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 24.47 Mbit/s
95th percentile per-packet one-way delay: 1.267 ms
Loss rate: 0.42%

Run 7: Report of Sprout — Data Link

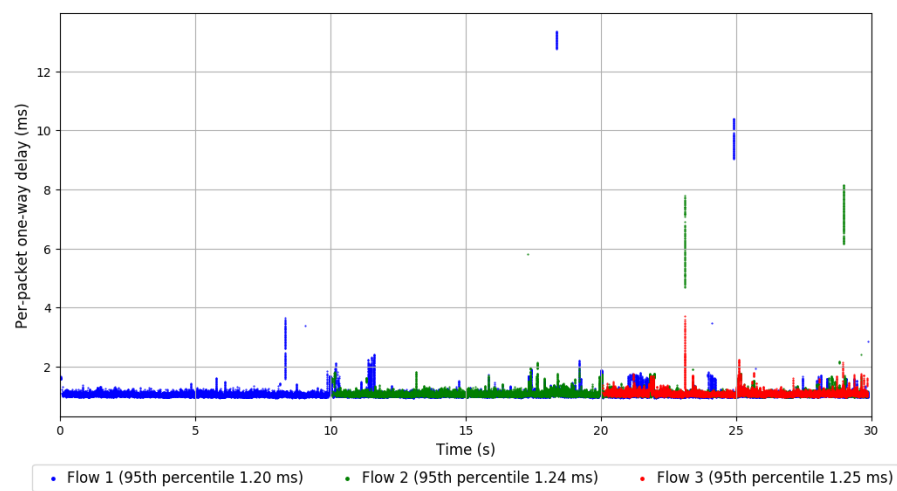
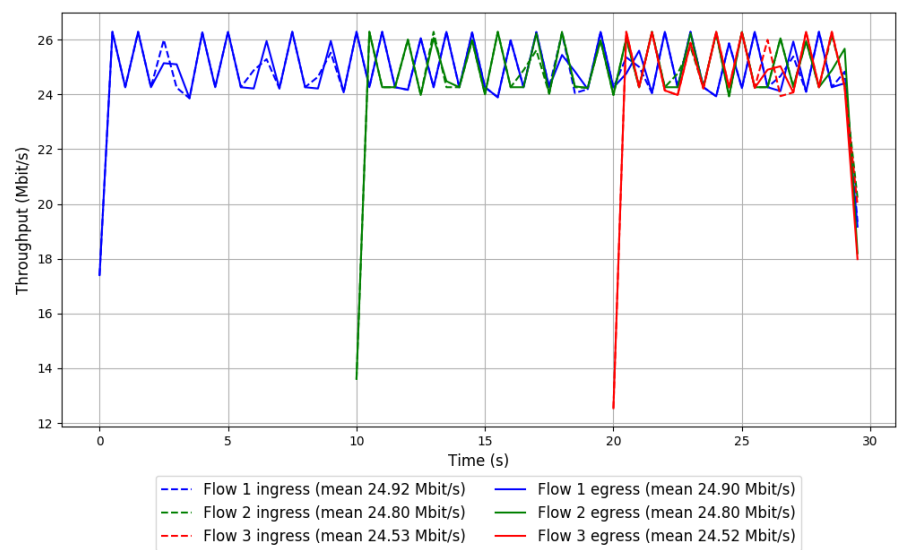


Run 8: Statistics of Sprout

Start at: 2017-09-08 00:42:32
End at: 2017-09-08 00:43:02
Local clock offset: 0.828 ms
Remote clock offset: -1.388 ms

```
# Below is generated by plot.py at 2017-09-08 07:32:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.42 Mbit/s
95th percentile per-packet one-way delay: 1.224 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 24.90 Mbit/s
95th percentile per-packet one-way delay: 1.195 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 24.80 Mbit/s
95th percentile per-packet one-way delay: 1.238 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 24.52 Mbit/s
95th percentile per-packet one-way delay: 1.249 ms
Loss rate: 0.41%
```

Run 8: Report of Sprout — Data Link

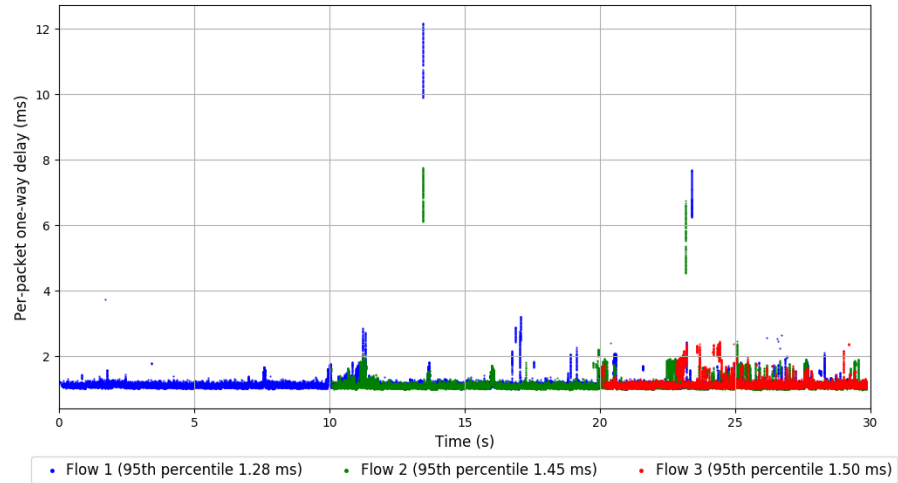
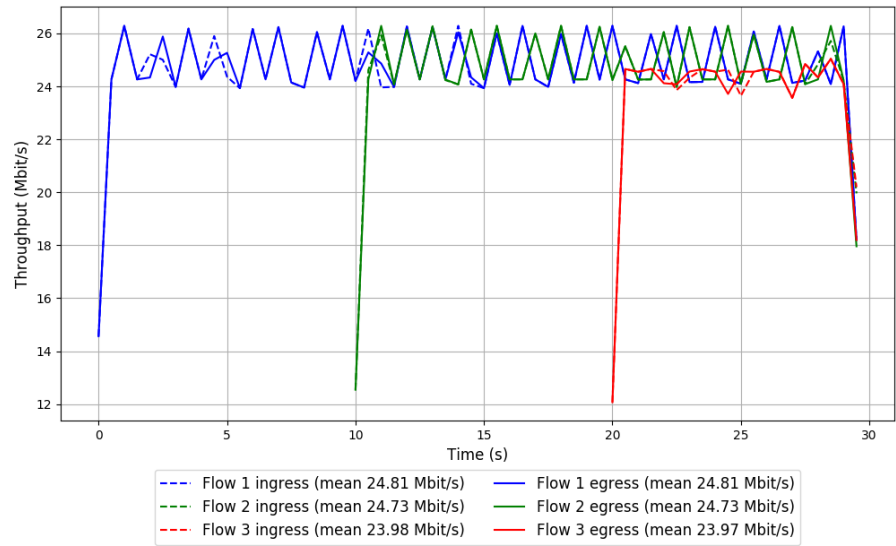


Run 9: Statistics of Sprout

Start at: 2017-09-08 01:04:36
End at: 2017-09-08 01:05:06
Local clock offset: 0.91 ms
Remote clock offset: -0.936 ms

Below is generated by plot.py at 2017-09-08 07:33:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 49.09 Mbit/s
95th percentile per-packet one-way delay: 1.367 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 24.81 Mbit/s
95th percentile per-packet one-way delay: 1.279 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.73 Mbit/s
95th percentile per-packet one-way delay: 1.445 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 23.97 Mbit/s
95th percentile per-packet one-way delay: 1.495 ms
Loss rate: 0.42%

Run 9: Report of Sprout — Data Link

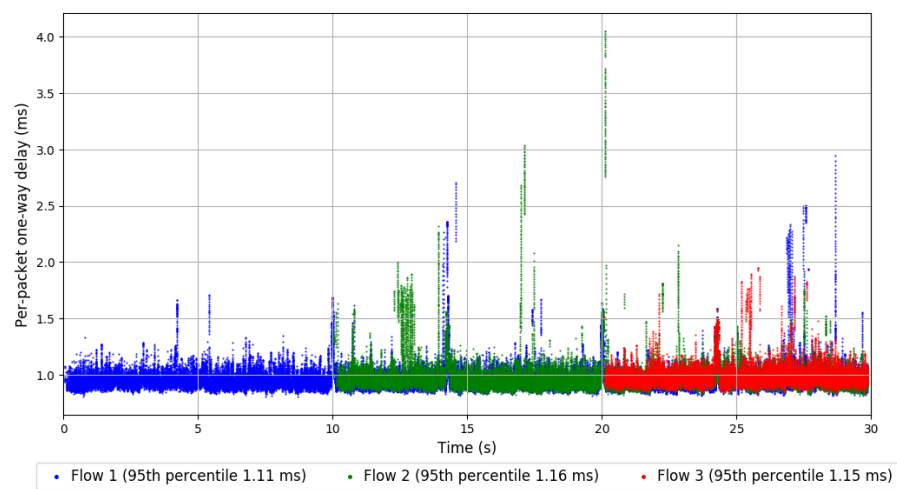
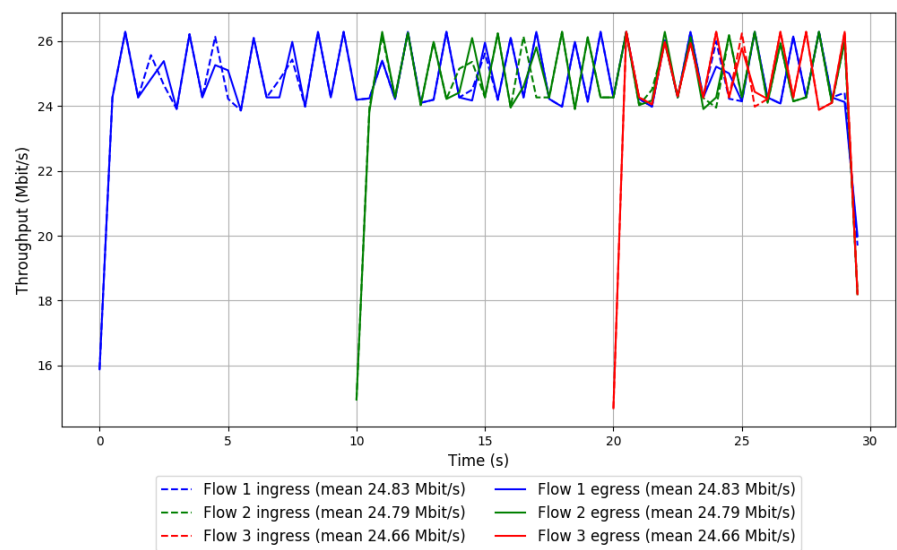


Run 10: Statistics of Sprout

Start at: 2017-09-08 01:26:20
End at: 2017-09-08 01:26:50
Local clock offset: 0.765 ms
Remote clock offset: -1.328 ms

Below is generated by plot.py at 2017-09-08 07:33:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 49.40 Mbit/s
95th percentile per-packet one-way delay: 1.130 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.83 Mbit/s
95th percentile per-packet one-way delay: 1.106 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.79 Mbit/s
95th percentile per-packet one-way delay: 1.162 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.66 Mbit/s
95th percentile per-packet one-way delay: 1.145 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

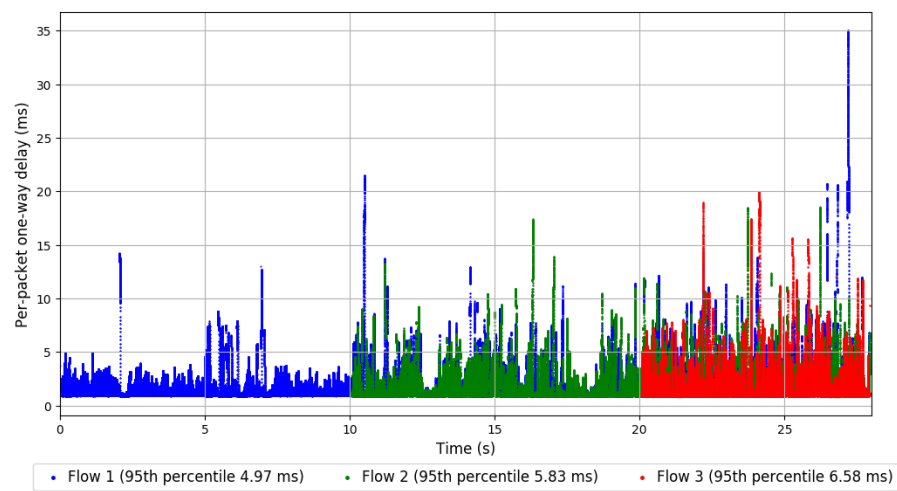
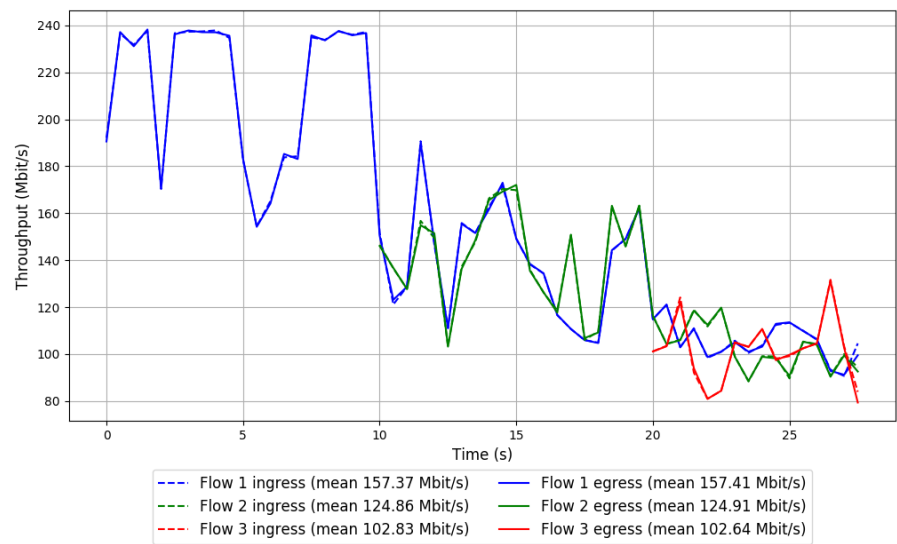


Run 1: Statistics of TaoVA-100x

Start at: 2017-09-07 22:00:07
End at: 2017-09-07 22:00:37
Local clock offset: 0.929 ms
Remote clock offset: -2.558 ms

Below is generated by plot.py at 2017-09-08 07:34:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 266.46 Mbit/s
95th percentile per-packet one-way delay: 5.490 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 157.41 Mbit/s
95th percentile per-packet one-way delay: 4.969 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 124.91 Mbit/s
95th percentile per-packet one-way delay: 5.833 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 102.64 Mbit/s
95th percentile per-packet one-way delay: 6.583 ms
Loss rate: 0.36%

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



Run 2: Statistics of TaoVA-100x

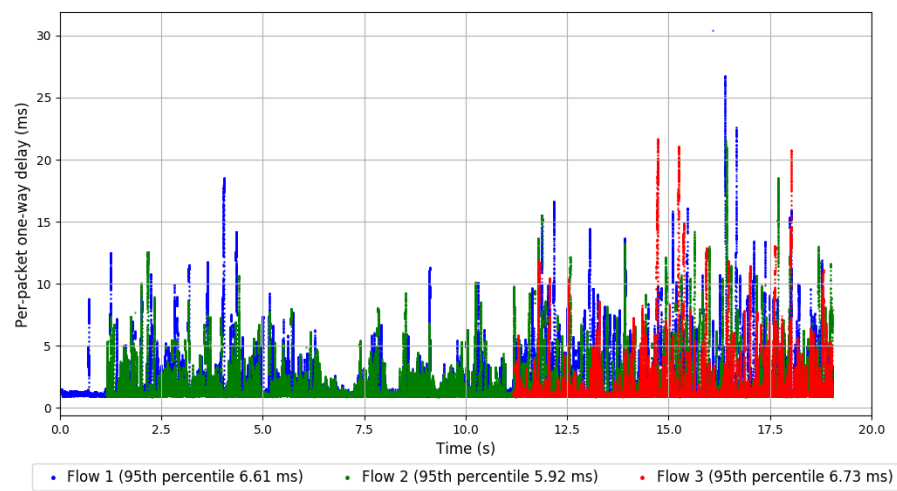
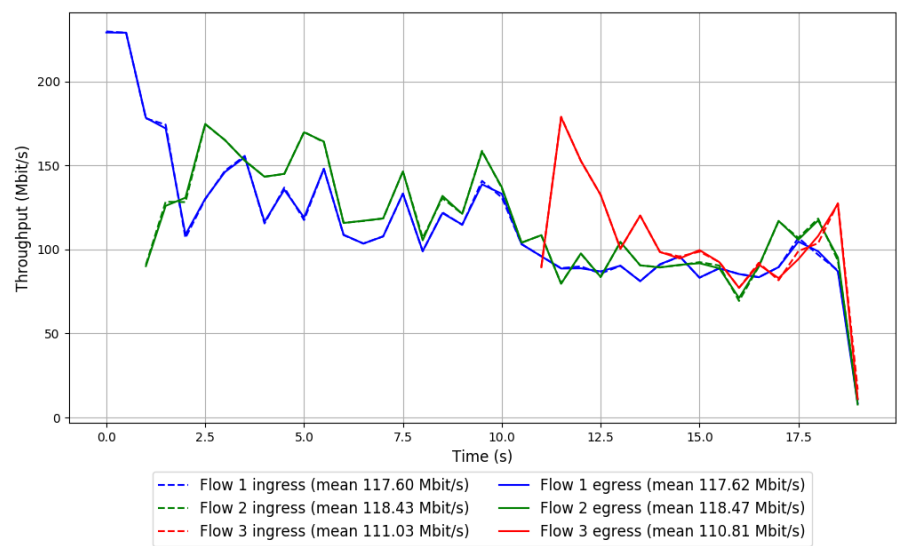
Start at: 2017-09-07 22:22:09

End at: 2017-09-07 22:22:39

Local clock offset: 0.977 ms

Remote clock offset: -1.697 ms

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



Run 3: Statistics of TaoVA-100x

Start at: 2017-09-07 22:44:18

End at: 2017-09-07 22:44:48

Local clock offset: 1.01 ms

Remote clock offset: -1.7 ms

Below is generated by plot.py at 2017-09-08 07:34:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 248.67 Mbit/s

95th percentile per-packet one-way delay: 5.485 ms

Loss rate: 0.12%

-- Flow 1:

Average throughput: 146.70 Mbit/s

95th percentile per-packet one-way delay: 4.256 ms

Loss rate: 0.08%

-- Flow 2:

Average throughput: 112.14 Mbit/s

95th percentile per-packet one-way delay: 6.423 ms

Loss rate: 0.14%

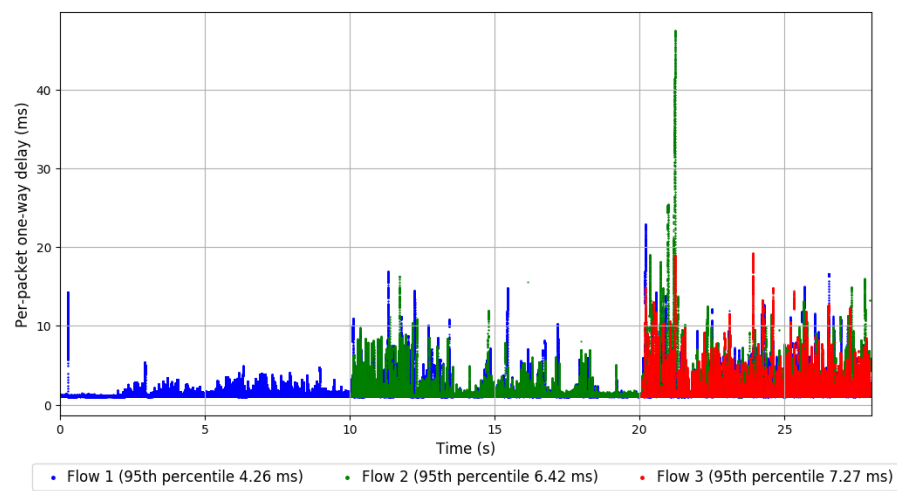
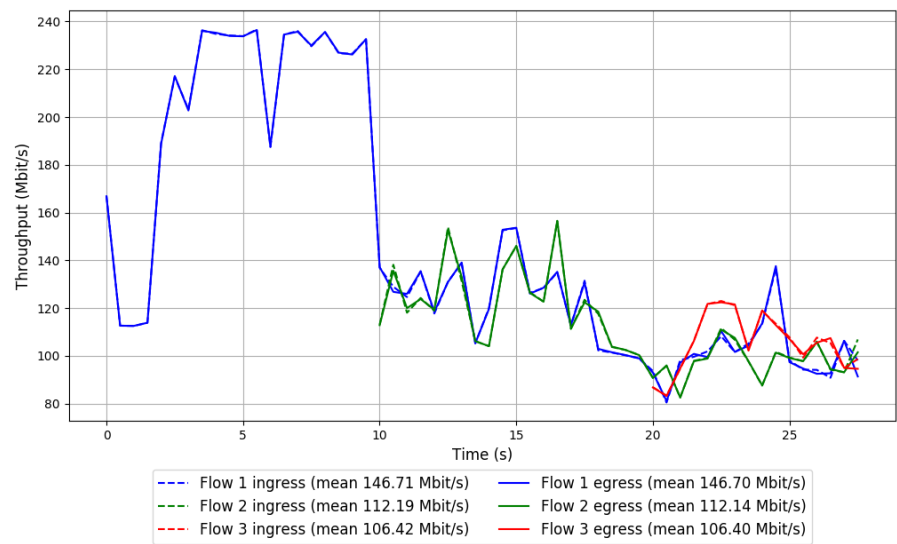
-- Flow 3:

Average throughput: 106.40 Mbit/s

95th percentile per-packet one-way delay: 7.269 ms

Loss rate: 0.26%

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

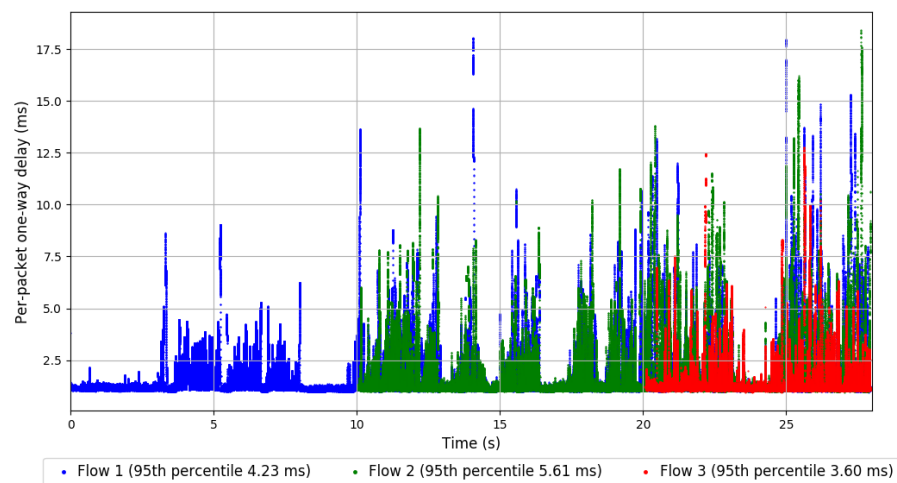
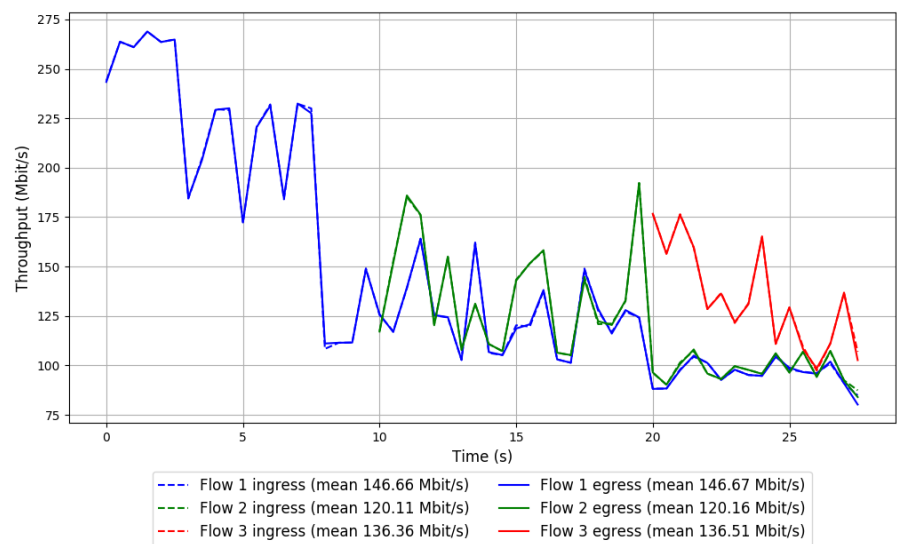


Run 4: Statistics of TaoVA-100x

Start at: 2017-09-07 23:06:23
End at: 2017-09-07 23:06:53
Local clock offset: 1.049 ms
Remote clock offset: -1.252 ms

Below is generated by plot.py at 2017-09-08 07:34:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 262.19 Mbit/s
95th percentile per-packet one-way delay: 4.640 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 146.67 Mbit/s
95th percentile per-packet one-way delay: 4.231 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 120.16 Mbit/s
95th percentile per-packet one-way delay: 5.608 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 136.51 Mbit/s
95th percentile per-packet one-way delay: 3.600 ms
Loss rate: 0.20%

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

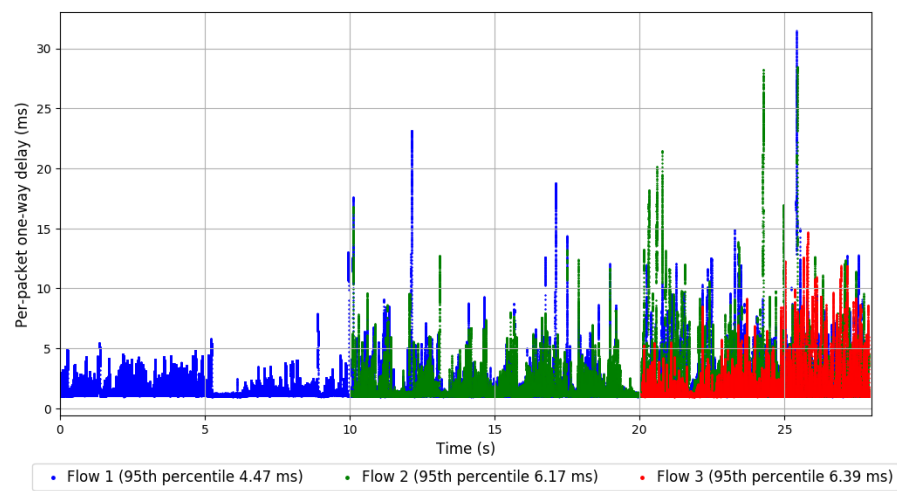
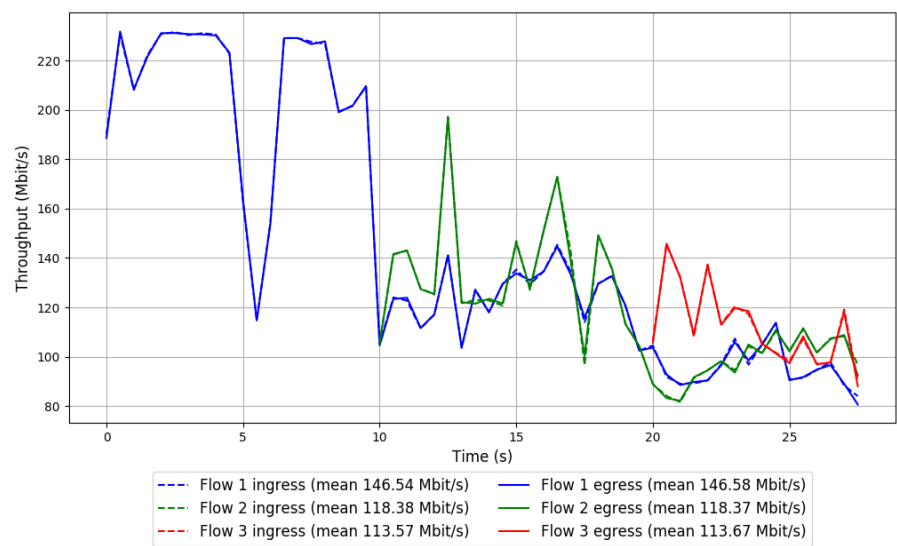


Run 5: Statistics of TaoVA-100x

Start at: 2017-09-07 23:28:29
End at: 2017-09-07 23:28:59
Local clock offset: 1.076 ms
Remote clock offset: -0.971 ms

Below is generated by plot.py at 2017-09-08 07:35:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 254.59 Mbit/s
95th percentile per-packet one-way delay: 5.301 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 146.58 Mbit/s
95th percentile per-packet one-way delay: 4.472 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 118.37 Mbit/s
95th percentile per-packet one-way delay: 6.170 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 113.67 Mbit/s
95th percentile per-packet one-way delay: 6.395 ms
Loss rate: 0.16%

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

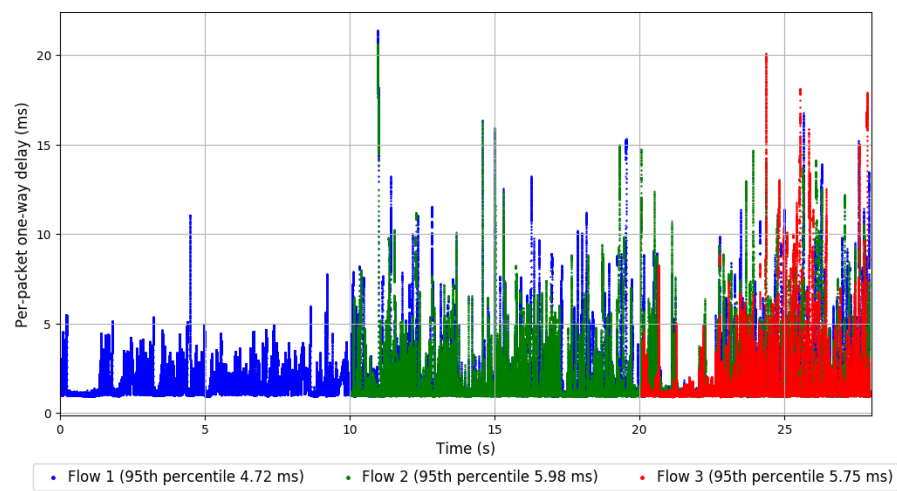
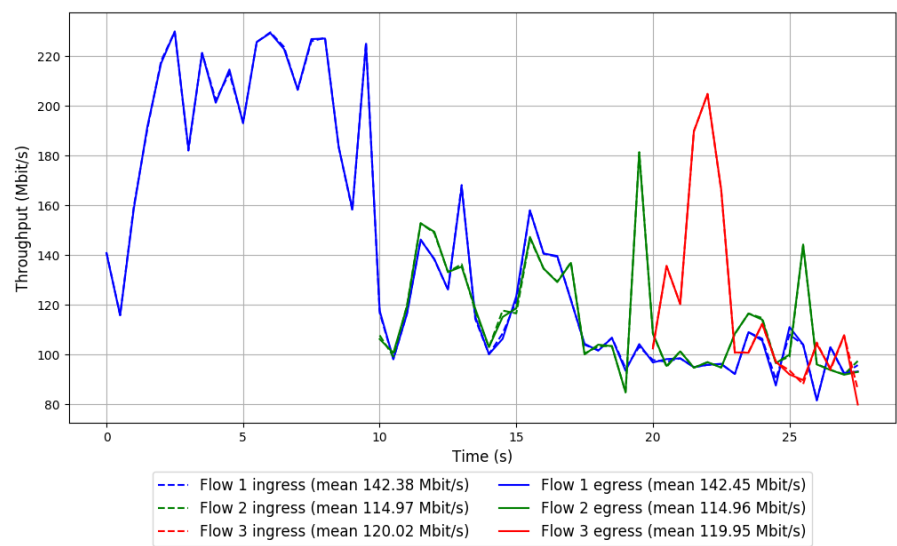


Run 6: Statistics of TaoVA-100x

Start at: 2017-09-07 23:50:30
End at: 2017-09-07 23:51:00
Local clock offset: 0.867 ms
Remote clock offset: -1.276 ms

Below is generated by plot.py at 2017-09-08 07:35:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 250.09 Mbit/s
95th percentile per-packet one-way delay: 5.188 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 142.45 Mbit/s
95th percentile per-packet one-way delay: 4.721 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 114.96 Mbit/s
95th percentile per-packet one-way delay: 5.978 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 119.95 Mbit/s
95th percentile per-packet one-way delay: 5.750 ms
Loss rate: 0.32%

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



Run 7: Statistics of TaoVA-100x

Start at: 2017-09-08 00:12:35

End at: 2017-09-08 00:13:05

Local clock offset: 0.846 ms

Remote clock offset: -1.24 ms

Below is generated by plot.py at 2017-09-08 07:36:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 250.61 Mbit/s

95th percentile per-packet one-way delay: 4.306 ms

Loss rate: 0.11%

-- Flow 1:

Average throughput: 144.63 Mbit/s

95th percentile per-packet one-way delay: 3.602 ms

Loss rate: 0.07%

-- Flow 2:

Average throughput: 110.74 Mbit/s

95th percentile per-packet one-way delay: 5.538 ms

Loss rate: 0.11%

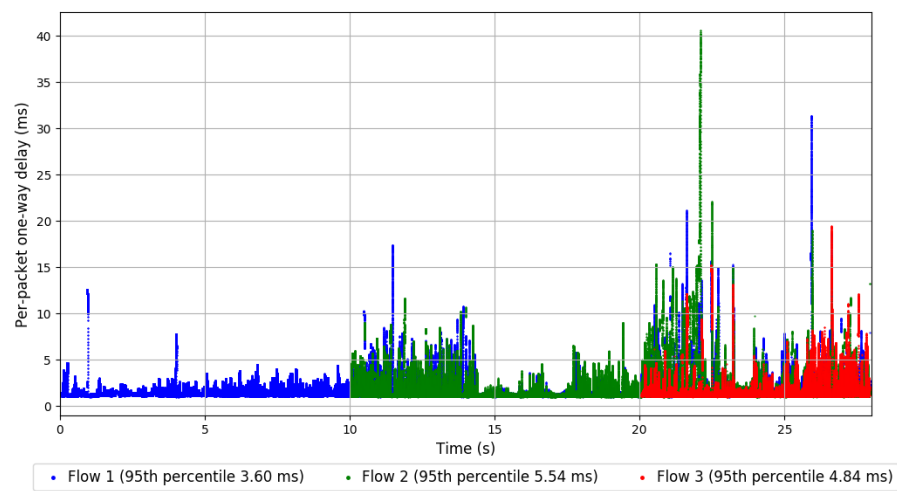
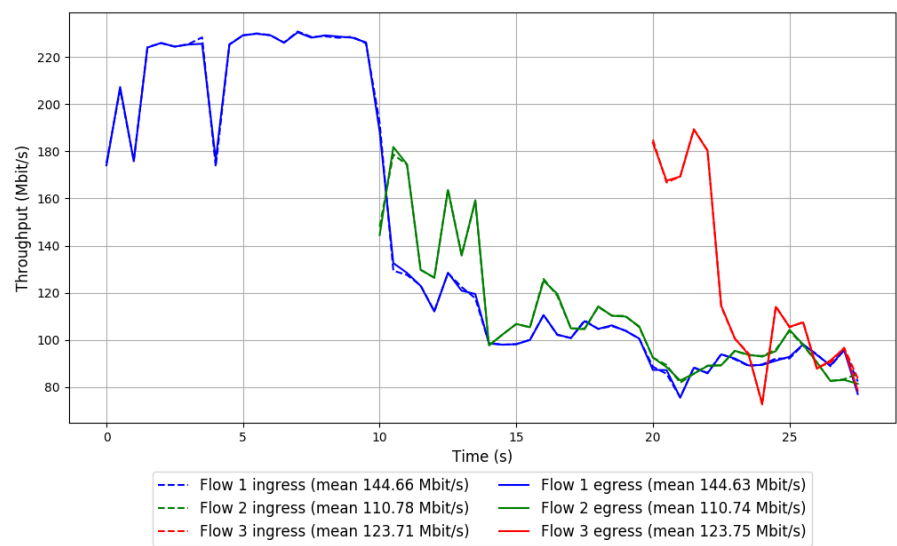
-- Flow 3:

Average throughput: 123.75 Mbit/s

95th percentile per-packet one-way delay: 4.840 ms

Loss rate: 0.28%

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



Run 8: Statistics of TaoVA-100x

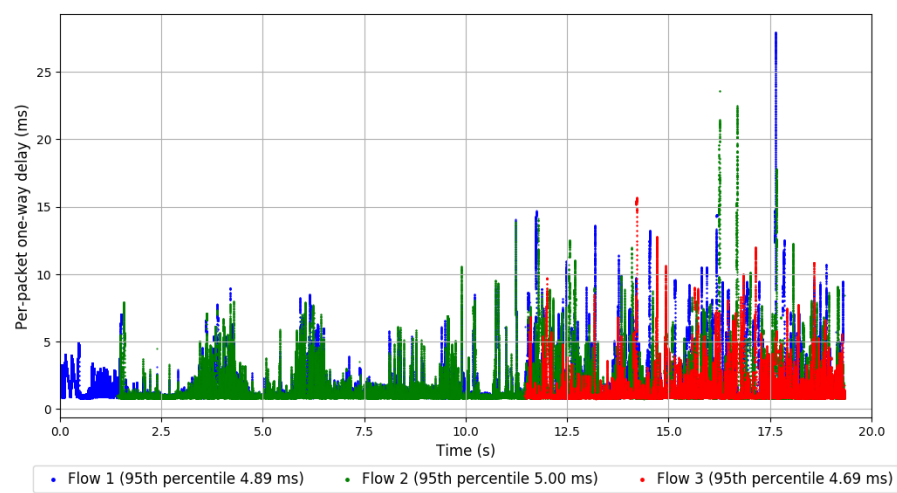
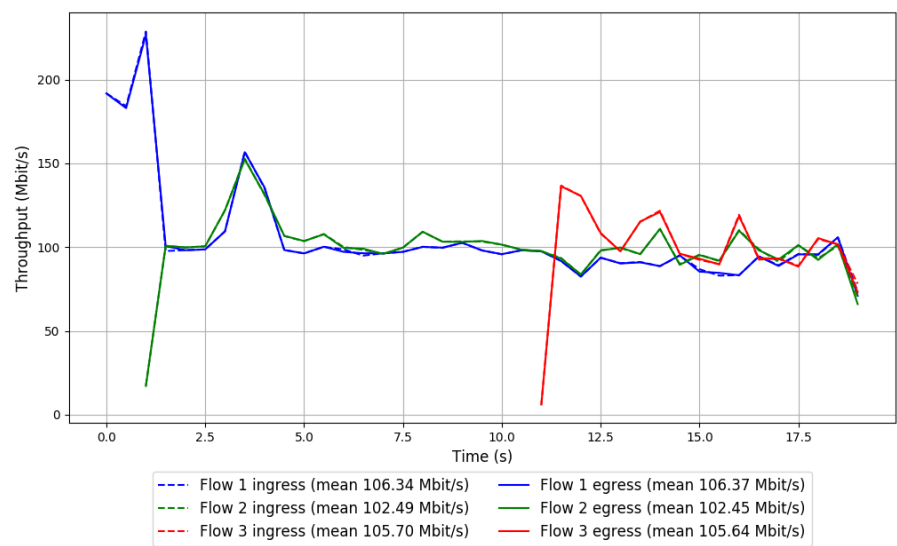
Start at: 2017-09-08 00:34:44

End at: 2017-09-08 00:35:14

Local clock offset: 0.773 ms

Remote clock offset: -1.197 ms

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

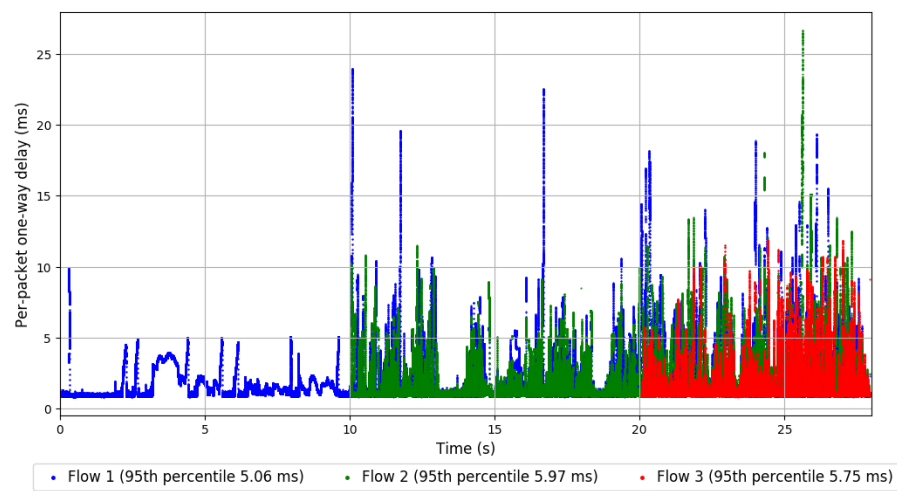
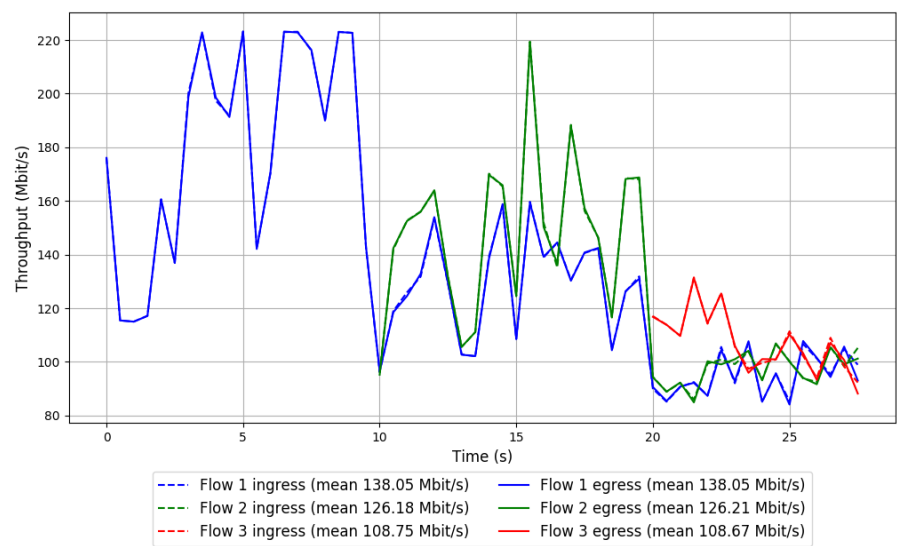


Run 9: Statistics of TaoVA-100x

Start at: 2017-09-08 00:56:38
End at: 2017-09-08 00:57:08
Local clock offset: 0.791 ms
Remote clock offset: -1.088 ms

Below is generated by plot.py at 2017-09-08 07:37:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 249.76 Mbit/s
95th percentile per-packet one-way delay: 5.449 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 138.05 Mbit/s
95th percentile per-packet one-way delay: 5.057 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 126.21 Mbit/s
95th percentile per-packet one-way delay: 5.970 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 108.67 Mbit/s
95th percentile per-packet one-way delay: 5.749 ms
Loss rate: 0.26%

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

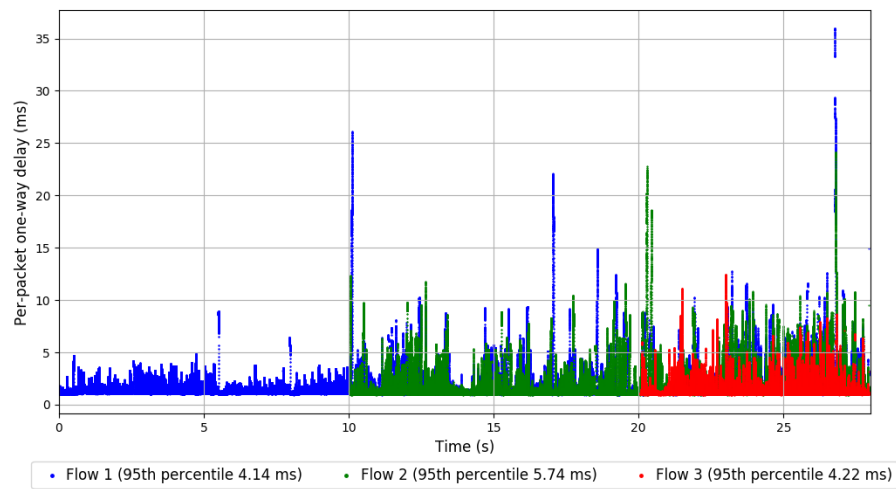
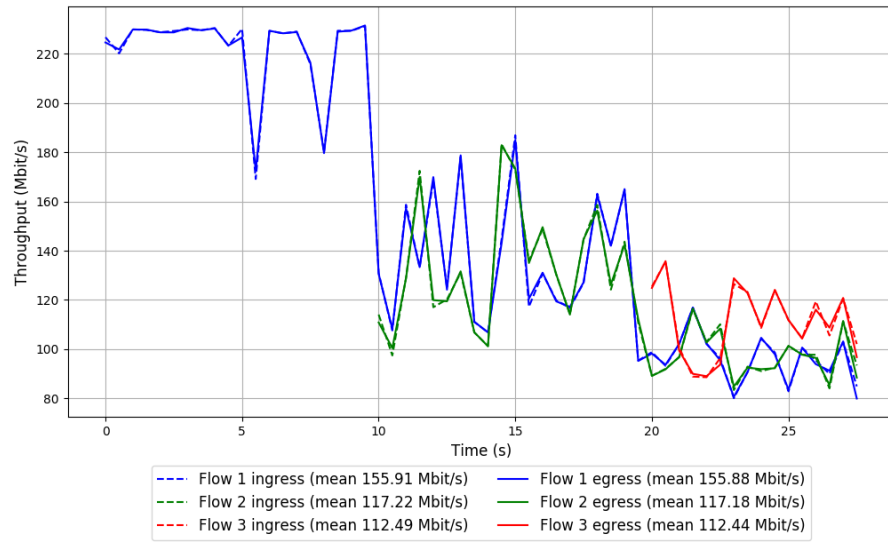


Run 10: Statistics of TaoVA-100x

Start at: 2017-09-08 01:18:35
End at: 2017-09-08 01:19:05
Local clock offset: 0.852 ms
Remote clock offset: -1.213 ms

Below is generated by plot.py at 2017-09-08 07:37:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 262.88 Mbit/s
95th percentile per-packet one-way delay: 4.701 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 155.88 Mbit/s
95th percentile per-packet one-way delay: 4.142 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 117.18 Mbit/s
95th percentile per-packet one-way delay: 5.743 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 112.44 Mbit/s
95th percentile per-packet one-way delay: 4.217 ms
Loss rate: 0.31%

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

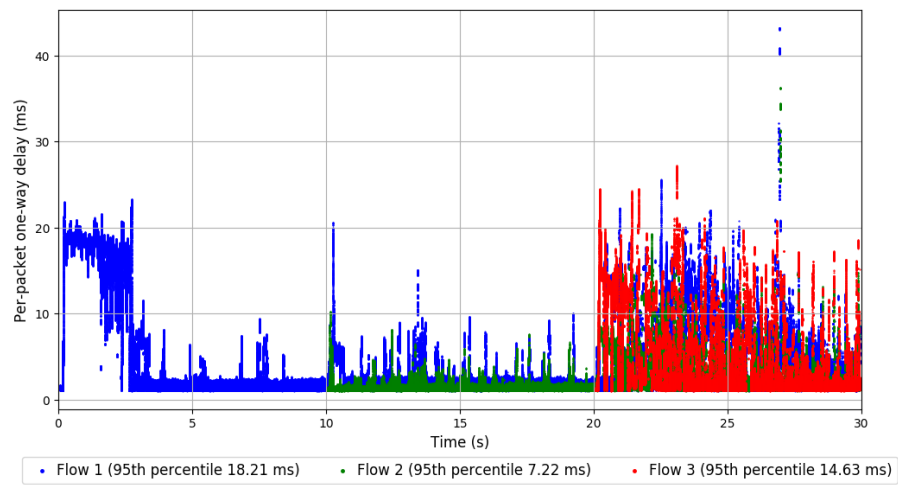
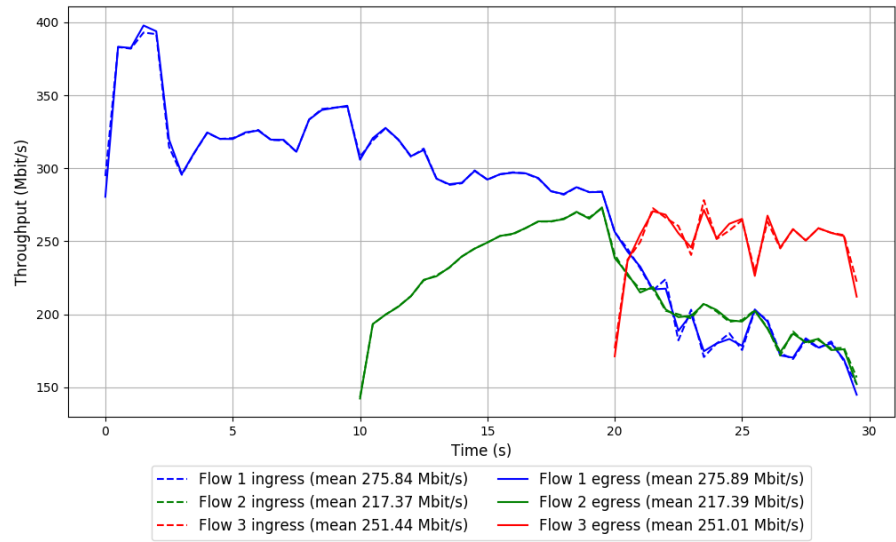


Run 1: Statistics of TCP Vegas

Start at: 2017-09-07 21:53:12
End at: 2017-09-07 21:53:42
Local clock offset: 0.958 ms
Remote clock offset: -2.827 ms

Below is generated by plot.py at 2017-09-08 07:38:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 503.57 Mbit/s
95th percentile per-packet one-way delay: 17.019 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 275.89 Mbit/s
95th percentile per-packet one-way delay: 18.215 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 217.39 Mbit/s
95th percentile per-packet one-way delay: 7.217 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 251.01 Mbit/s
95th percentile per-packet one-way delay: 14.628 ms
Loss rate: 0.22%

Run 1: Report of TCP Vegas — Data Link

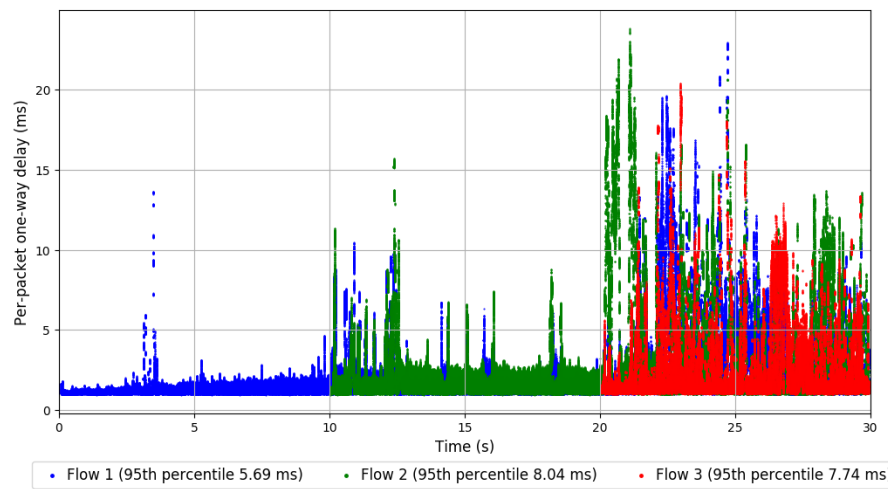
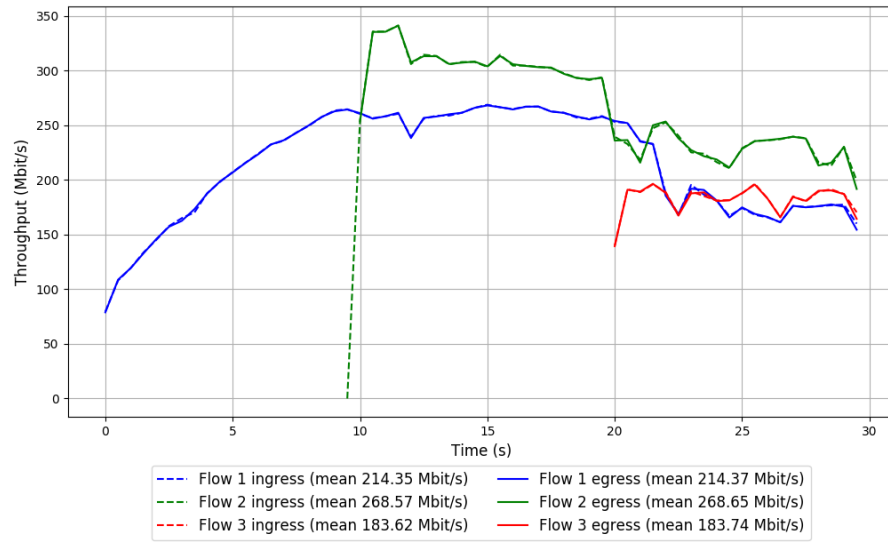


Run 2: Statistics of TCP Vegas

Start at: 2017-09-07 22:15:16
End at: 2017-09-07 22:15:46
Local clock offset: 1.104 ms
Remote clock offset: -1.923 ms

Below is generated by plot.py at 2017-09-08 07:38:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 454.09 Mbit/s
95th percentile per-packet one-way delay: 6.922 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 214.37 Mbit/s
95th percentile per-packet one-way delay: 5.686 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 268.65 Mbit/s
95th percentile per-packet one-way delay: 8.037 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 183.74 Mbit/s
95th percentile per-packet one-way delay: 7.739 ms
Loss rate: 0.22%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2017-09-07 22:37:20

End at: 2017-09-07 22:37:50

Local clock offset: 0.984 ms

Remote clock offset: -1.82 ms

Below is generated by plot.py at 2017-09-08 07:39:52

Datalink statistics

-- Total of 3 flows:

Average throughput: 593.17 Mbit/s

95th percentile per-packet one-way delay: 30.628 ms

Loss rate: 0.13%

-- Flow 1:

Average throughput: 240.74 Mbit/s

95th percentile per-packet one-way delay: 11.734 ms

Loss rate: 0.06%

-- Flow 2:

Average throughput: 347.30 Mbit/s

95th percentile per-packet one-way delay: 32.408 ms

Loss rate: 0.13%

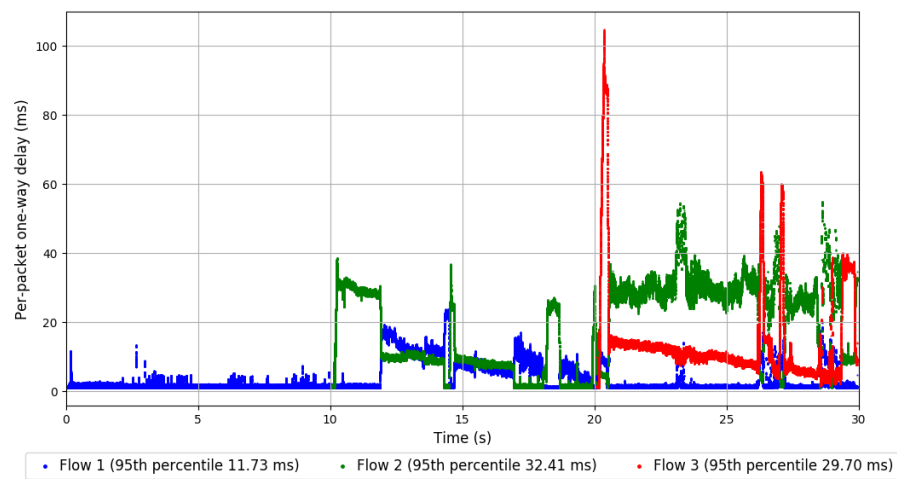
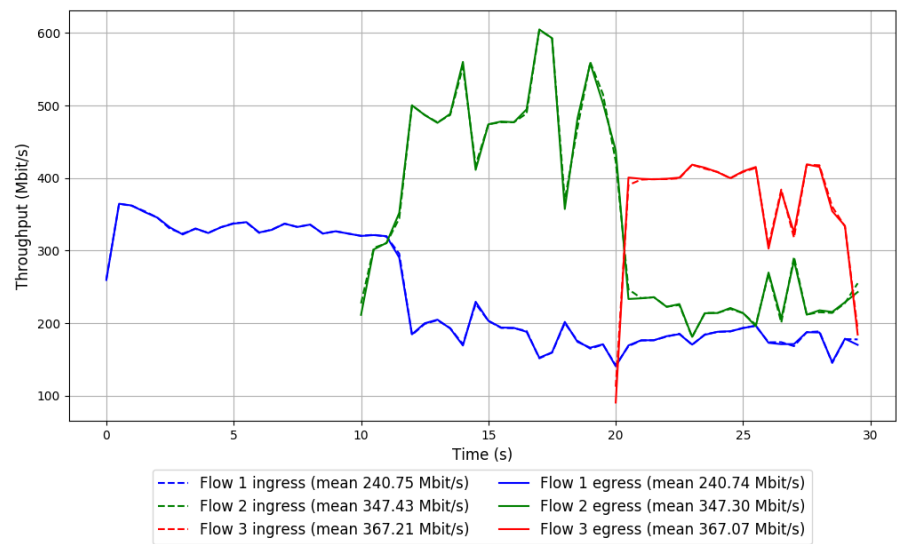
-- Flow 3:

Average throughput: 367.07 Mbit/s

95th percentile per-packet one-way delay: 29.699 ms

Loss rate: 0.26%

Run 3: Report of TCP Vegas — Data Link

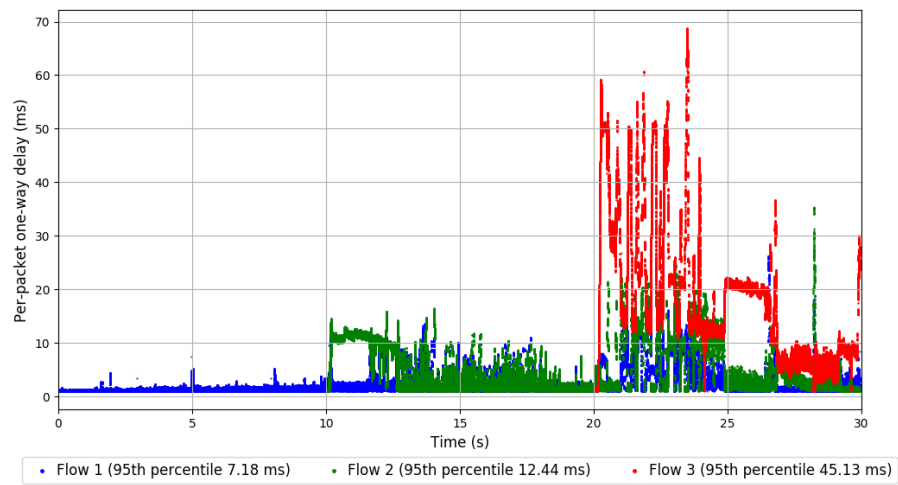
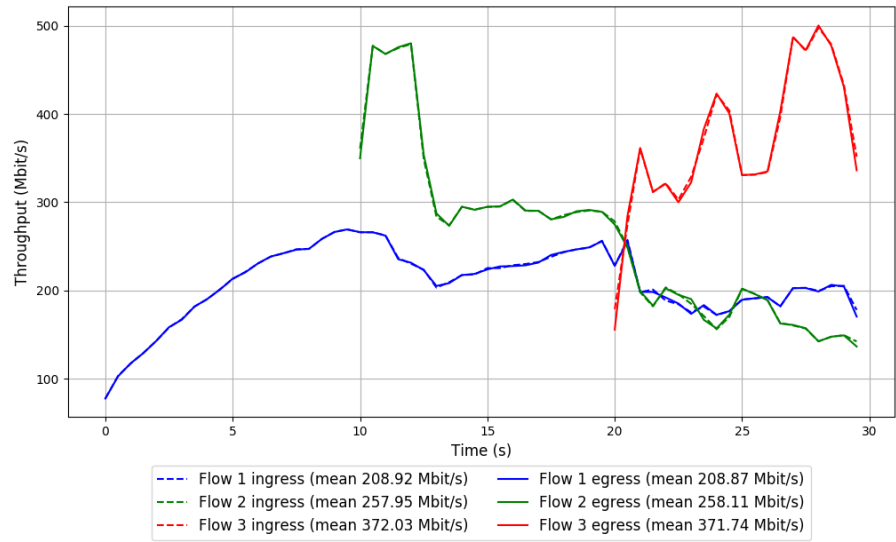


Run 4: Statistics of TCP Vegas

Start at: 2017-09-07 22:59:26
End at: 2017-09-07 22:59:56
Local clock offset: 0.969 ms
Remote clock offset: -1.339 ms

Below is generated by plot.py at 2017-09-08 07:40:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 503.72 Mbit/s
95th percentile per-packet one-way delay: 21.362 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 208.87 Mbit/s
95th percentile per-packet one-way delay: 7.176 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 258.11 Mbit/s
95th percentile per-packet one-way delay: 12.435 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 371.74 Mbit/s
95th percentile per-packet one-way delay: 45.134 ms
Loss rate: 0.31%

Run 4: Report of TCP Vegas — Data Link

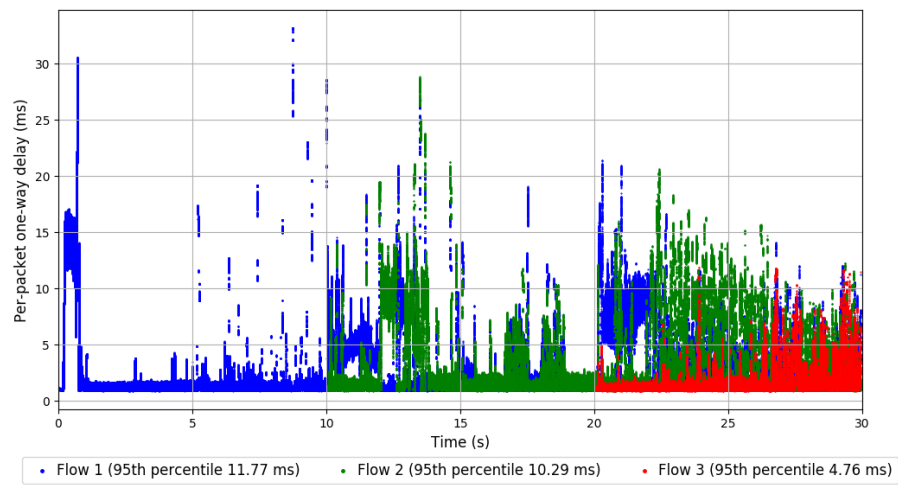
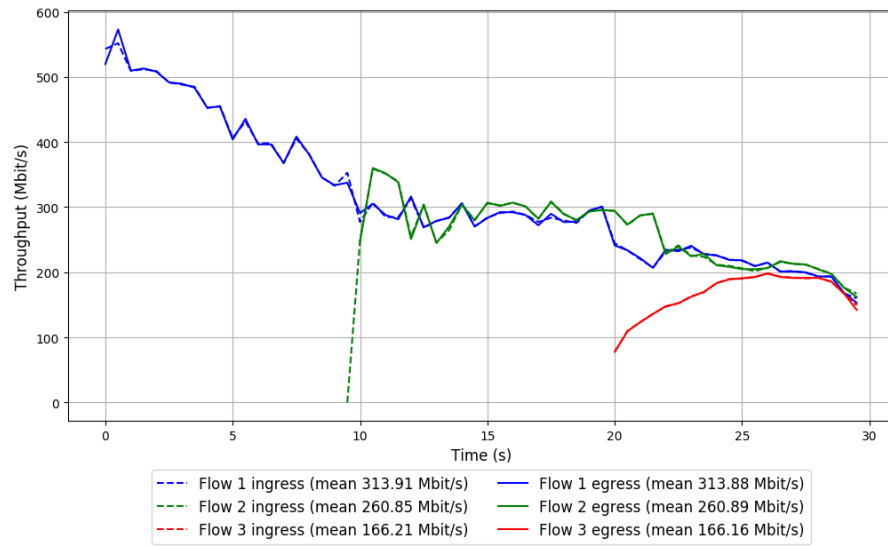


Run 5: Statistics of TCP Vegas

Start at: 2017-09-07 23:21:33
End at: 2017-09-07 23:22:03
Local clock offset: 1.026 ms
Remote clock offset: -1.034 ms

Below is generated by plot.py at 2017-09-08 07:41:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 542.59 Mbit/s
95th percentile per-packet one-way delay: 10.319 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 313.88 Mbit/s
95th percentile per-packet one-way delay: 11.770 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 260.89 Mbit/s
95th percentile per-packet one-way delay: 10.285 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 166.16 Mbit/s
95th percentile per-packet one-way delay: 4.763 ms
Loss rate: 0.22%

Run 5: Report of TCP Vegas — Data Link

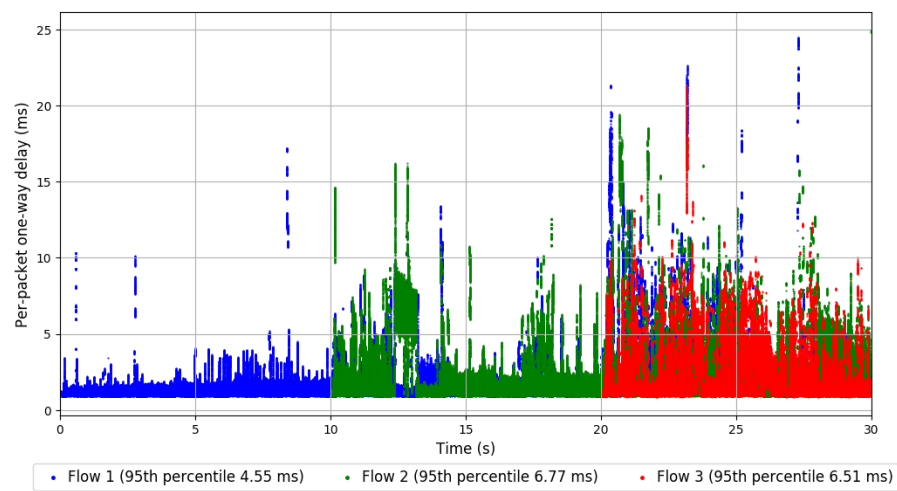
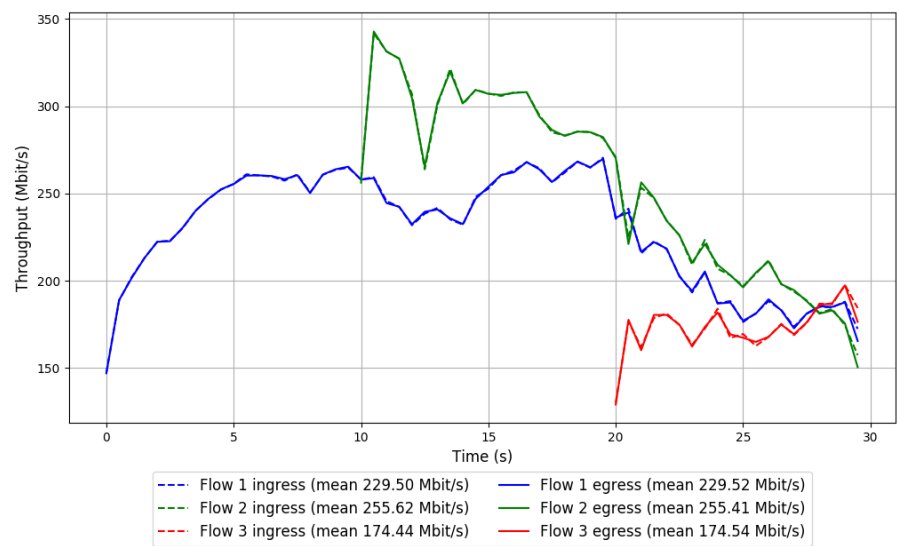


Run 6: Statistics of TCP Vegas

Start at: 2017-09-07 23:43:37
End at: 2017-09-07 23:44:07
Local clock offset: 0.84 ms
Remote clock offset: -1.168 ms

Below is generated by plot.py at 2017-09-08 07:41:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 457.18 Mbit/s
95th percentile per-packet one-way delay: 6.041 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 229.52 Mbit/s
95th percentile per-packet one-way delay: 4.548 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 255.41 Mbit/s
95th percentile per-packet one-way delay: 6.769 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 174.54 Mbit/s
95th percentile per-packet one-way delay: 6.511 ms
Loss rate: 0.25%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: 2017-09-08 00:05:41

End at: 2017-09-08 00:06:11

Local clock offset: 0.851 ms

Remote clock offset: -1.25 ms

Below is generated by plot.py at 2017-09-08 07:42:12

Datalink statistics

-- Total of 3 flows:

Average throughput: 518.27 Mbit/s

95th percentile per-packet one-way delay: 15.839 ms

Loss rate: 0.08%

-- Flow 1:

Average throughput: 186.36 Mbit/s

95th percentile per-packet one-way delay: 11.019 ms

Loss rate: 0.08%

-- Flow 2:

Average throughput: 386.84 Mbit/s

95th percentile per-packet one-way delay: 17.306 ms

Loss rate: 0.06%

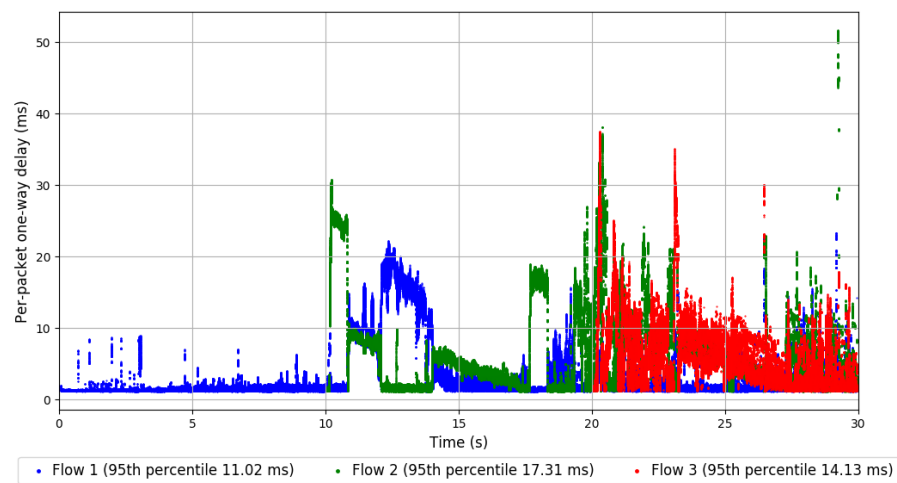
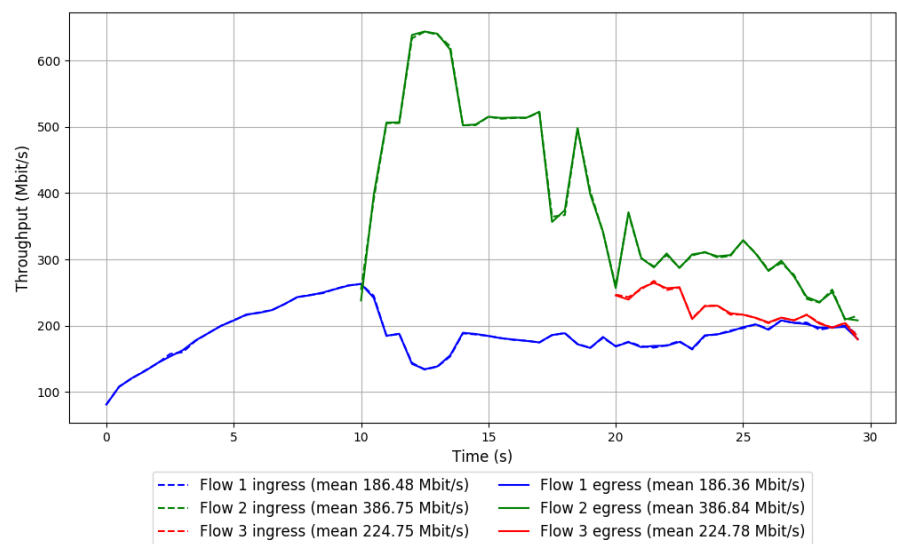
-- Flow 3:

Average throughput: 224.78 Mbit/s

95th percentile per-packet one-way delay: 14.133 ms

Loss rate: 0.17%

Run 7: Report of TCP Vegas — Data Link

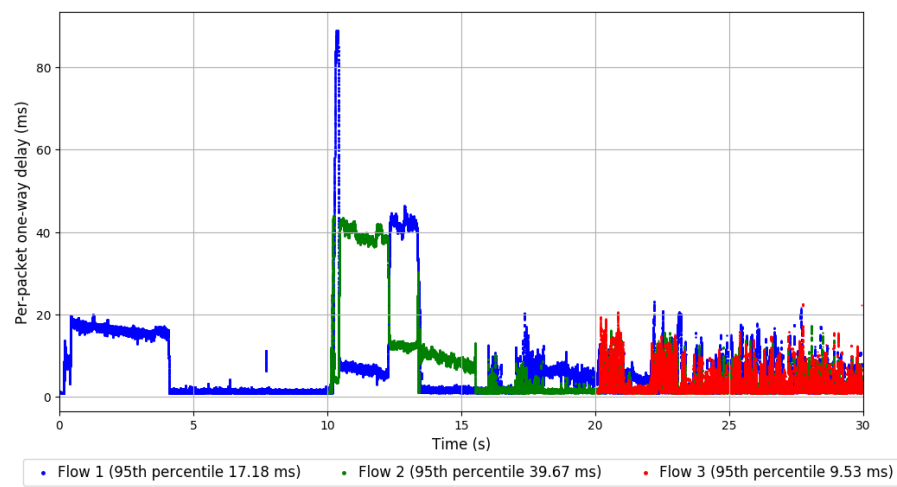
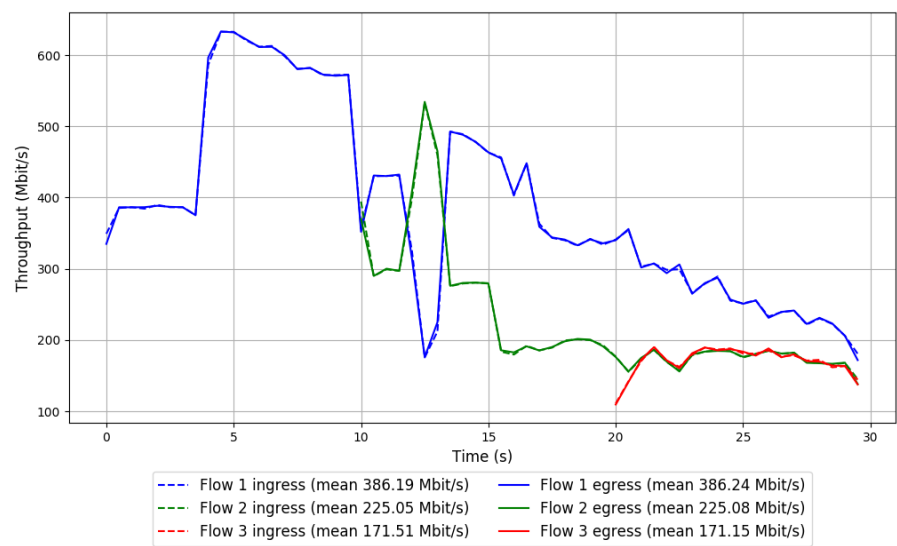


Run 8: Statistics of TCP Vegas

Start at: 2017-09-08 00:27:43
End at: 2017-09-08 00:28:13
Local clock offset: 0.868 ms
Remote clock offset: -1.117 ms

Below is generated by plot.py at 2017-09-08 07:42:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 592.51 Mbit/s
95th percentile per-packet one-way delay: 18.482 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 386.24 Mbit/s
95th percentile per-packet one-way delay: 17.182 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 225.08 Mbit/s
95th percentile per-packet one-way delay: 39.675 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 171.15 Mbit/s
95th percentile per-packet one-way delay: 9.526 ms
Loss rate: 0.22%

Run 8: Report of TCP Vegas — Data Link

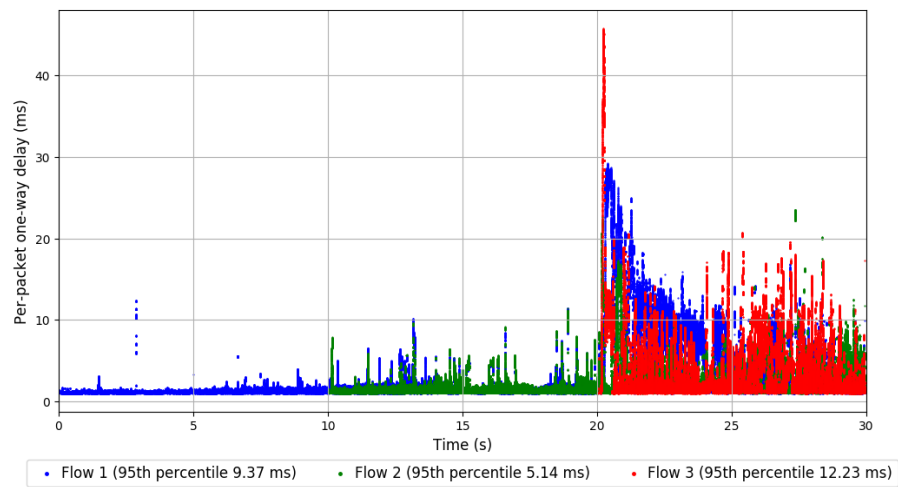
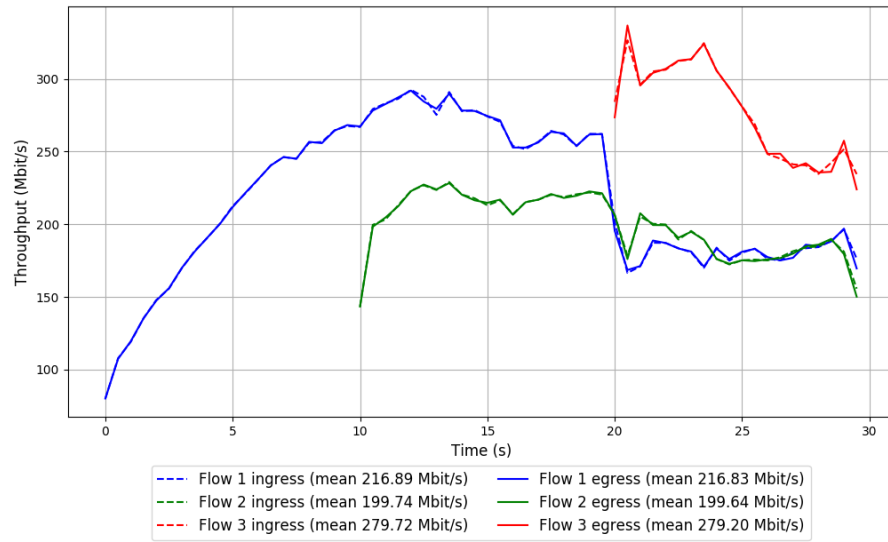


Run 9: Statistics of TCP Vegas

Start at: 2017-09-08 00:49:47
End at: 2017-09-08 00:50:17
Local clock offset: 0.888 ms
Remote clock offset: -1.241 ms

Below is generated by plot.py at 2017-09-08 07:43:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 442.18 Mbit/s
95th percentile per-packet one-way delay: 9.482 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 216.83 Mbit/s
95th percentile per-packet one-way delay: 9.368 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 199.64 Mbit/s
95th percentile per-packet one-way delay: 5.139 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 279.20 Mbit/s
95th percentile per-packet one-way delay: 12.227 ms
Loss rate: 0.20%

Run 9: Report of TCP Vegas — Data Link

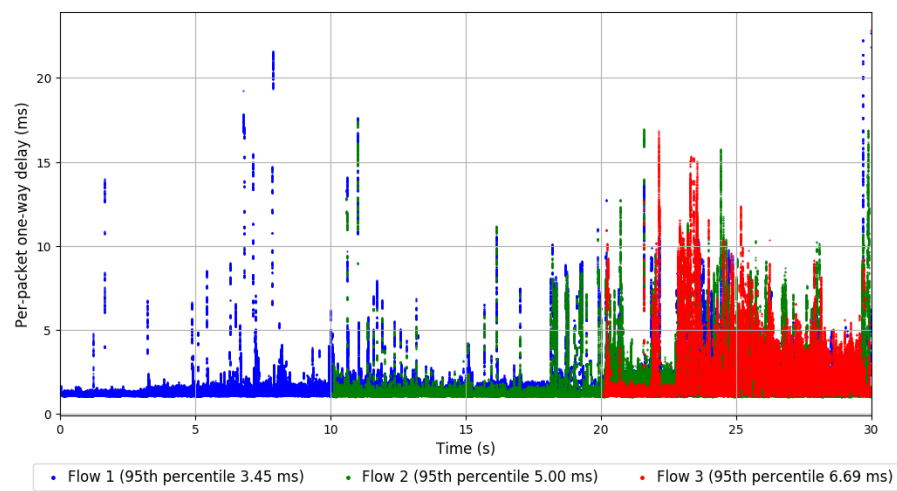
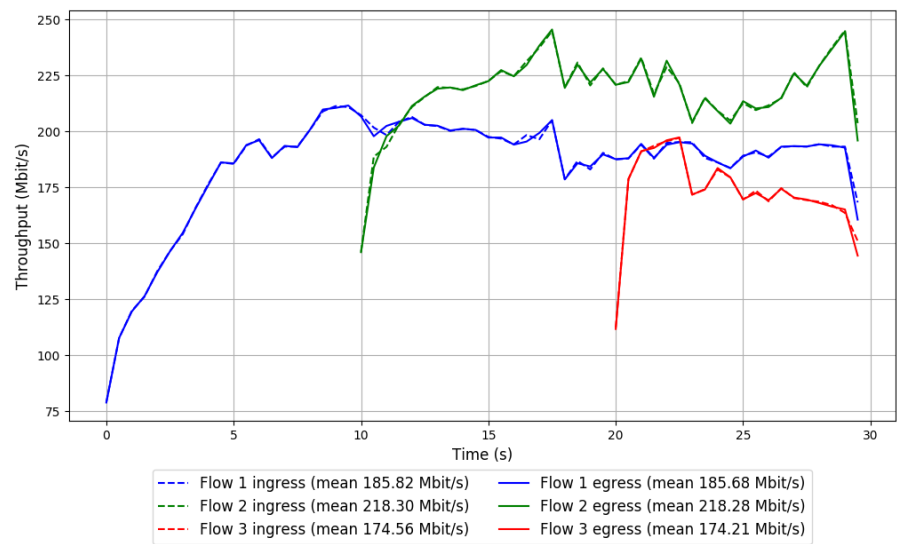


Run 10: Statistics of TCP Vegas

Start at: 2017-09-08 01:11:48
End at: 2017-09-08 01:12:18
Local clock offset: 0.903 ms
Remote clock offset: -1.178 ms

Below is generated by plot.py at 2017-09-08 07:43:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 388.41 Mbit/s
95th percentile per-packet one-way delay: 4.713 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 185.68 Mbit/s
95th percentile per-packet one-way delay: 3.446 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 218.28 Mbit/s
95th percentile per-packet one-way delay: 5.002 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 174.21 Mbit/s
95th percentile per-packet one-way delay: 6.686 ms
Loss rate: 0.20%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2017-09-07 22:09:15

End at: 2017-09-07 22:09:45

Local clock offset: 0.991 ms

Remote clock offset: -2.27 ms

Below is generated by plot.py at 2017-09-08 07:44:15

Datalink statistics

-- Total of 3 flows:

Average throughput: 400.77 Mbit/s

95th percentile per-packet one-way delay: 52.860 ms

Loss rate: 1.30%

-- Flow 1:

Average throughput: 224.65 Mbit/s

95th percentile per-packet one-way delay: 55.748 ms

Loss rate: 2.07%

-- Flow 2:

Average throughput: 195.38 Mbit/s

95th percentile per-packet one-way delay: 41.562 ms

Loss rate: 0.28%

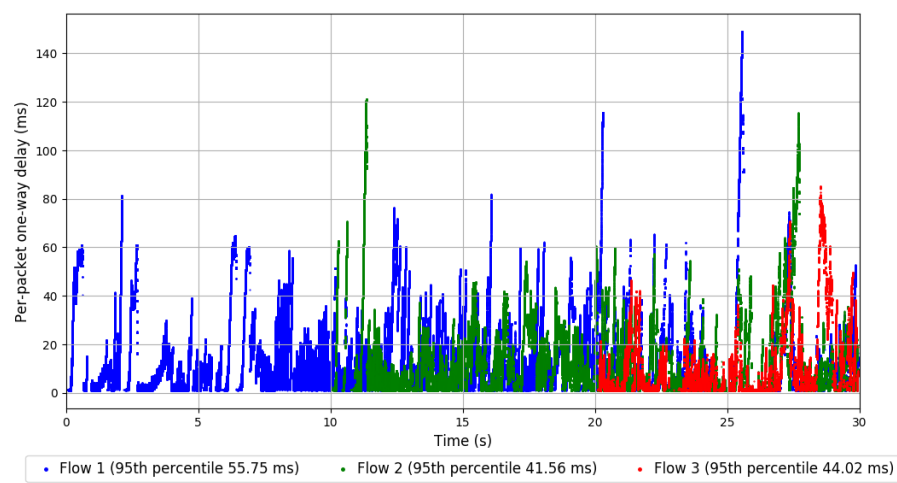
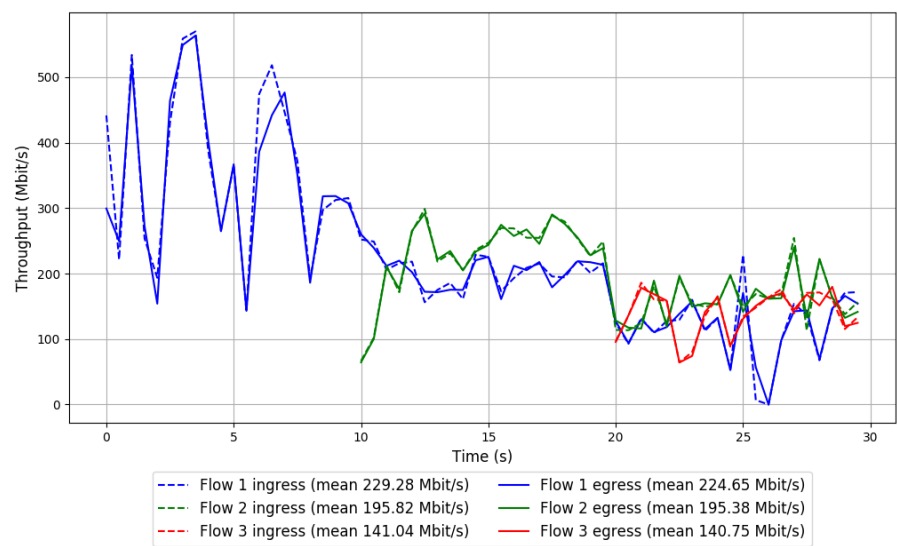
-- Flow 3:

Average throughput: 140.75 Mbit/s

95th percentile per-packet one-way delay: 44.020 ms

Loss rate: 0.31%

Run 1: Report of Verus — Data Link

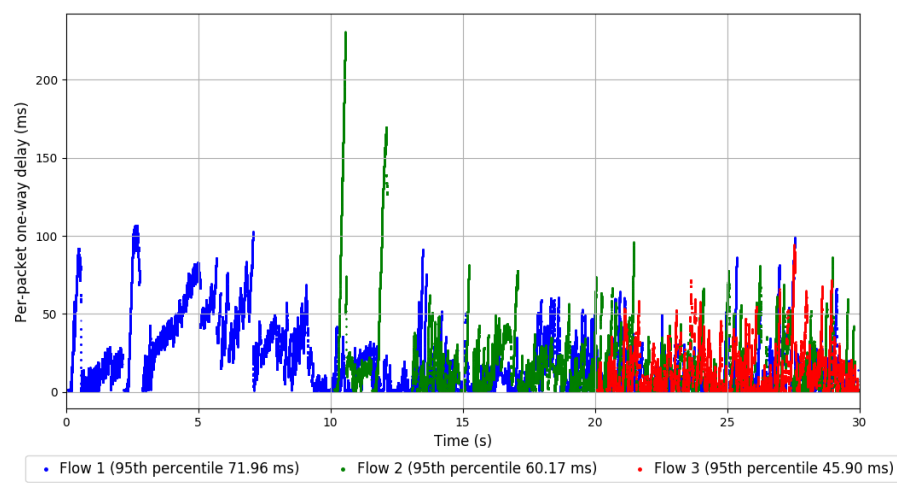
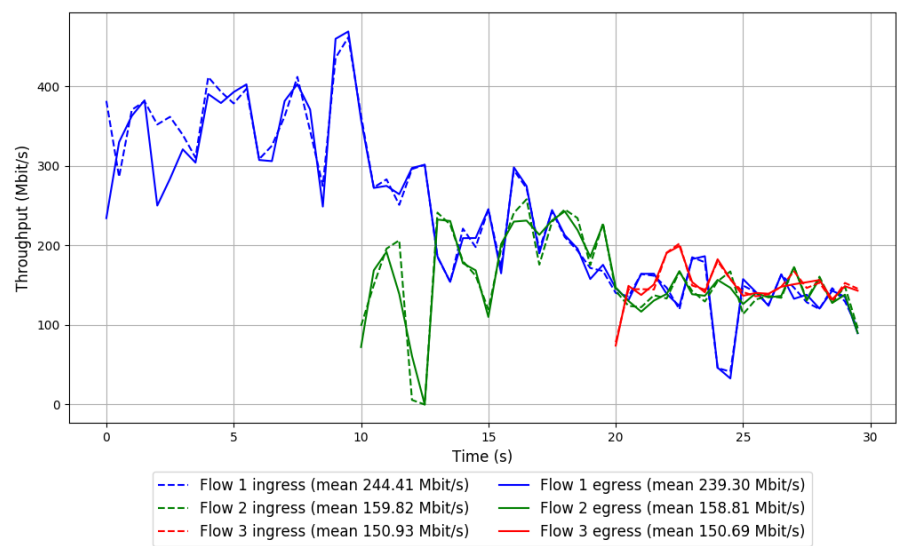


Run 2: Statistics of Verus

Start at: 2017-09-07 22:31:16
End at: 2017-09-07 22:31:46
Local clock offset: 1.044 ms
Remote clock offset: -1.695 ms

Below is generated by plot.py at 2017-09-08 07:44:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 394.38 Mbit/s
95th percentile per-packet one-way delay: 67.078 ms
Loss rate: 1.54%
-- Flow 1:
Average throughput: 239.30 Mbit/s
95th percentile per-packet one-way delay: 71.962 ms
Loss rate: 2.15%
-- Flow 2:
Average throughput: 158.81 Mbit/s
95th percentile per-packet one-way delay: 60.174 ms
Loss rate: 0.72%
-- Flow 3:
Average throughput: 150.69 Mbit/s
95th percentile per-packet one-way delay: 45.903 ms
Loss rate: 0.34%

Run 2: Report of Verus — Data Link

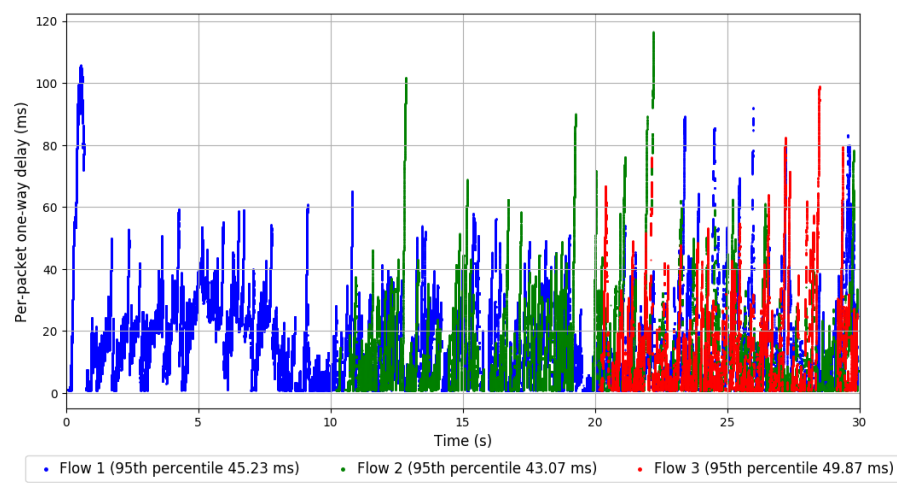
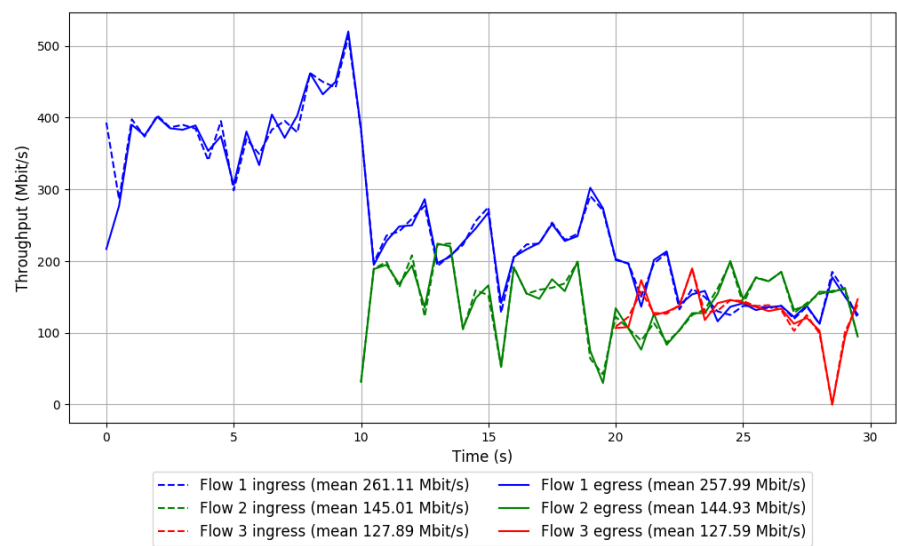


Run 3: Statistics of Verus

Start at: 2017-09-07 22:53:23
End at: 2017-09-07 22:53:53
Local clock offset: 0.943 ms
Remote clock offset: -1.417 ms

Below is generated by plot.py at 2017-09-08 07:45:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 395.21 Mbit/s
95th percentile per-packet one-way delay: 45.390 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 257.99 Mbit/s
95th percentile per-packet one-way delay: 45.235 ms
Loss rate: 1.22%
-- Flow 2:
Average throughput: 144.93 Mbit/s
95th percentile per-packet one-way delay: 43.070 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 127.59 Mbit/s
95th percentile per-packet one-way delay: 49.867 ms
Loss rate: 0.00%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2017-09-07 23:15:33

End at: 2017-09-07 23:16:03

Local clock offset: 1.135 ms

Remote clock offset: -1.17 ms

Below is generated by plot.py at 2017-09-08 07:45:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 373.79 Mbit/s

95th percentile per-packet one-way delay: 57.298 ms

Loss rate: 0.64%

-- Flow 1:

Average throughput: 247.52 Mbit/s

95th percentile per-packet one-way delay: 50.494 ms

Loss rate: 0.41%

-- Flow 2:

Average throughput: 109.63 Mbit/s

95th percentile per-packet one-way delay: 119.797 ms

Loss rate: 1.59%

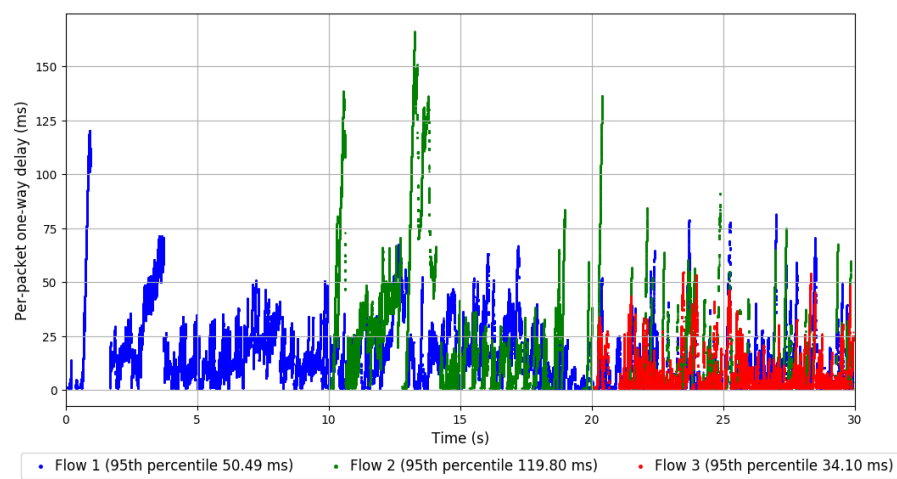
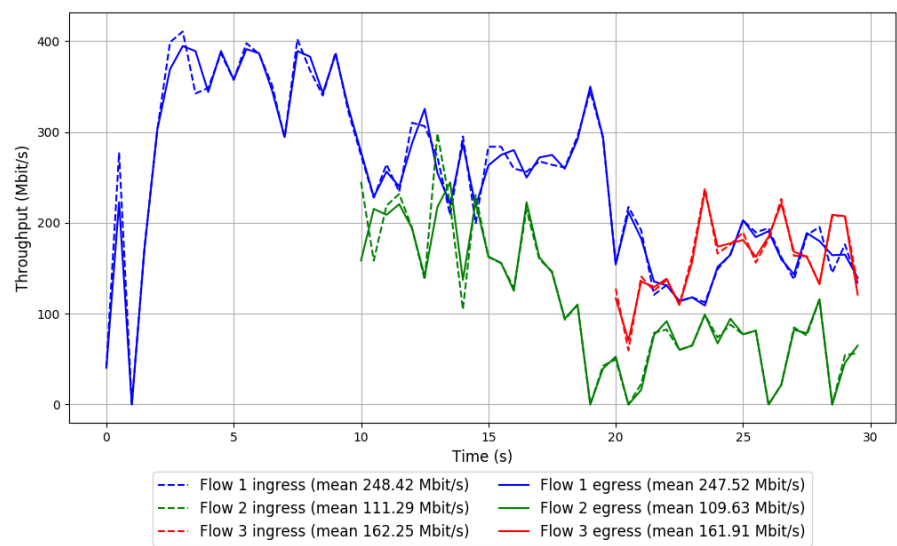
-- Flow 3:

Average throughput: 161.91 Mbit/s

95th percentile per-packet one-way delay: 34.100 ms

Loss rate: 0.38%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2017-09-07 23:37:35

End at: 2017-09-07 23:38:05

Local clock offset: 0.985 ms

Remote clock offset: -1.17 ms

Below is generated by plot.py at 2017-09-08 07:45:58

Datalink statistics

-- Total of 3 flows:

Average throughput: 402.09 Mbit/s

95th percentile per-packet one-way delay: 57.209 ms

Loss rate: 0.24%

-- Flow 1:

Average throughput: 236.54 Mbit/s

95th percentile per-packet one-way delay: 37.390 ms

Loss rate: 0.09%

-- Flow 2:

Average throughput: 185.64 Mbit/s

95th percentile per-packet one-way delay: 72.535 ms

Loss rate: 0.38%

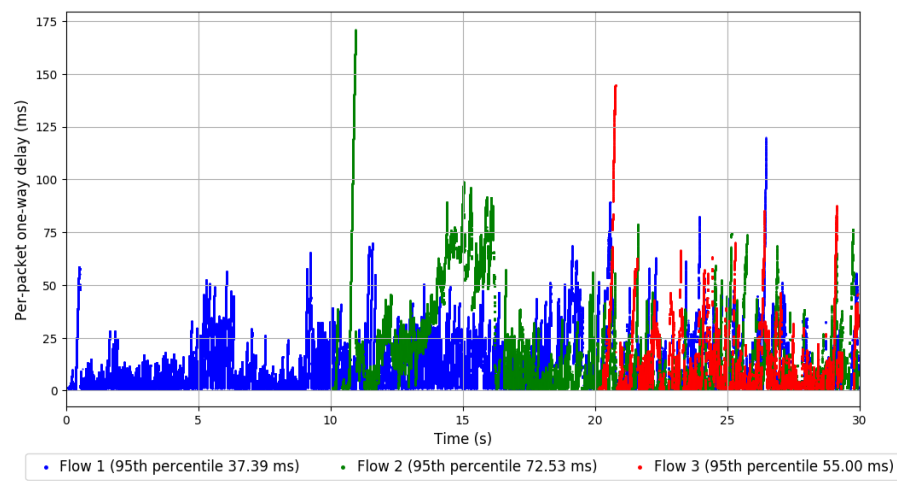
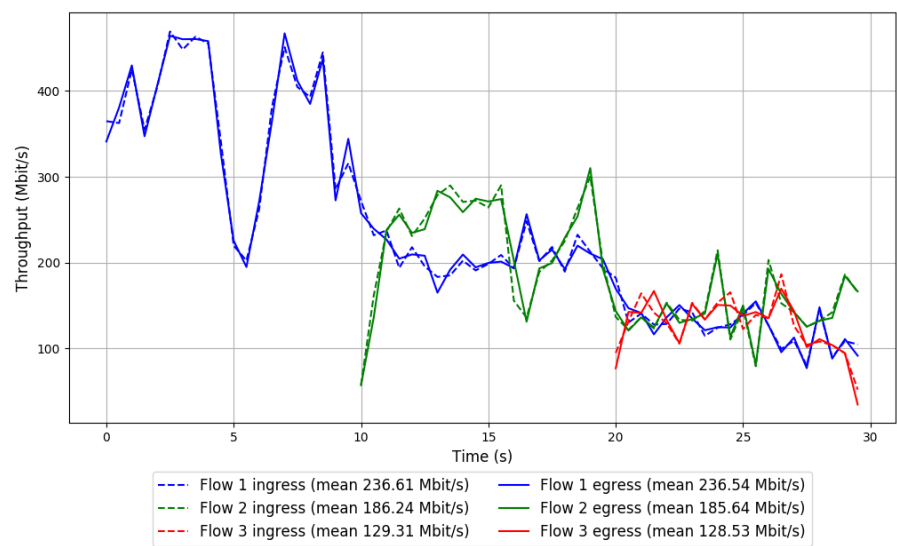
-- Flow 3:

Average throughput: 128.53 Mbit/s

95th percentile per-packet one-way delay: 54.998 ms

Loss rate: 0.68%

Run 5: Report of Verus — Data Link

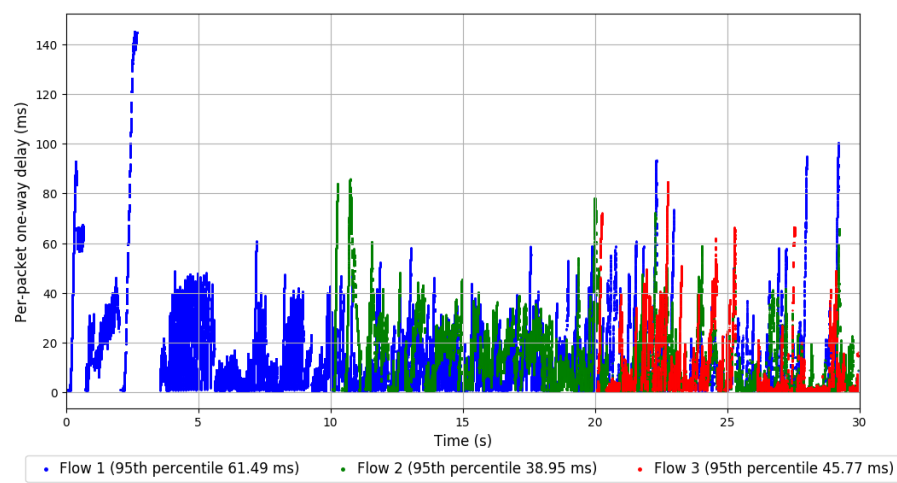
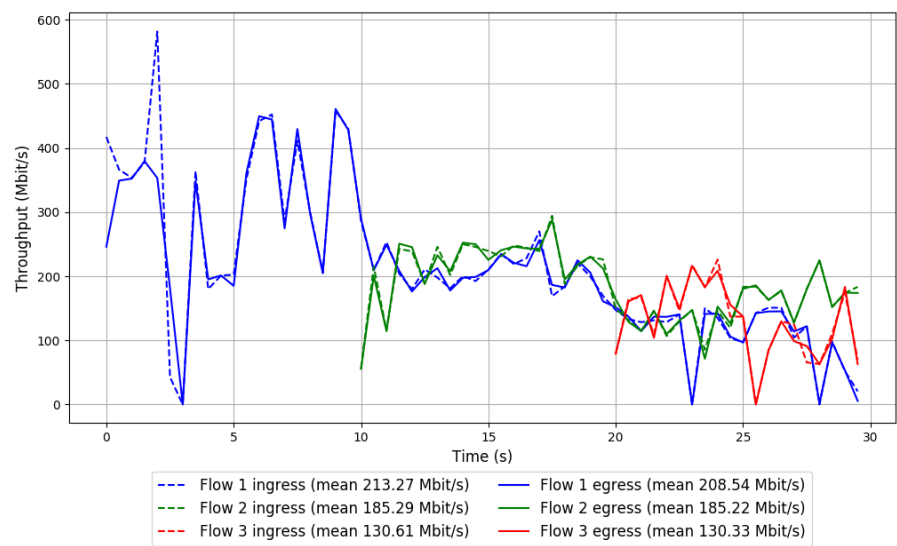


Run 6: Statistics of Verus

Start at: 2017-09-07 23:59:38
End at: 2017-09-08 00:00:08
Local clock offset: 0.751 ms
Remote clock offset: -1.231 ms

Below is generated by plot.py at 2017-09-08 07:46:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 374.71 Mbit/s
95th percentile per-packet one-way delay: 51.091 ms
Loss rate: 1.36%
-- Flow 1:
Average throughput: 208.54 Mbit/s
95th percentile per-packet one-way delay: 61.491 ms
Loss rate: 2.29%
-- Flow 2:
Average throughput: 185.22 Mbit/s
95th percentile per-packet one-way delay: 38.950 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 130.33 Mbit/s
95th percentile per-packet one-way delay: 45.767 ms
Loss rate: 0.27%

Run 6: Report of Verus — Data Link

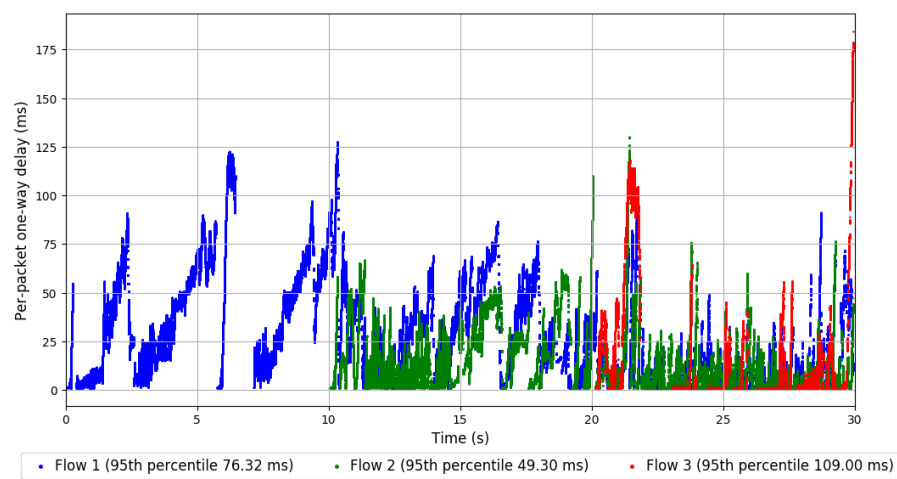
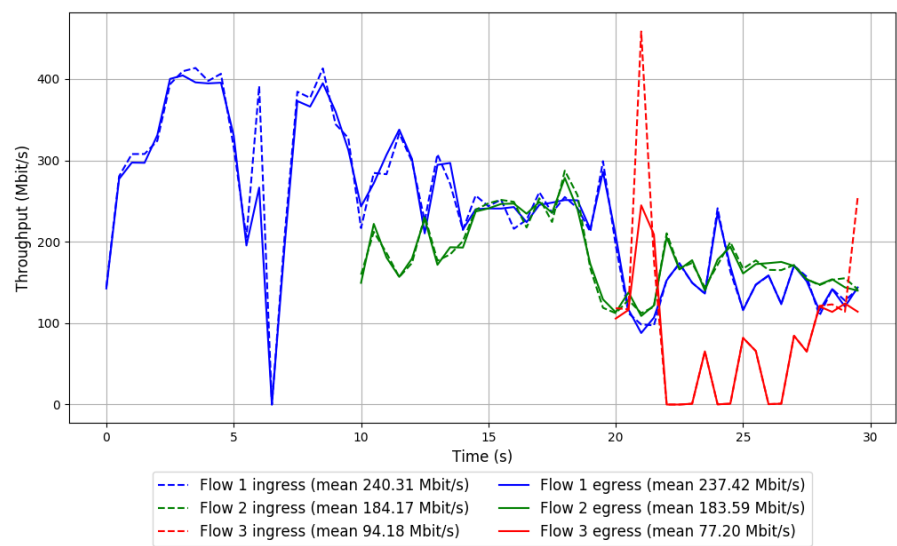


Run 7: Statistics of Verus

Start at: 2017-09-08 00:21:40
End at: 2017-09-08 00:22:10
Local clock offset: 0.89 ms
Remote clock offset: -1.254 ms

Below is generated by plot.py at 2017-09-08 07:46:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 384.89 Mbit/s
95th percentile per-packet one-way delay: 75.125 ms
Loss rate: 2.25%
-- Flow 1:
Average throughput: 237.42 Mbit/s
95th percentile per-packet one-way delay: 76.318 ms
Loss rate: 1.26%
-- Flow 2:
Average throughput: 183.59 Mbit/s
95th percentile per-packet one-way delay: 49.304 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 77.20 Mbit/s
95th percentile per-packet one-way delay: 108.999 ms
Loss rate: 18.15%

Run 7: Report of Verus — Data Link

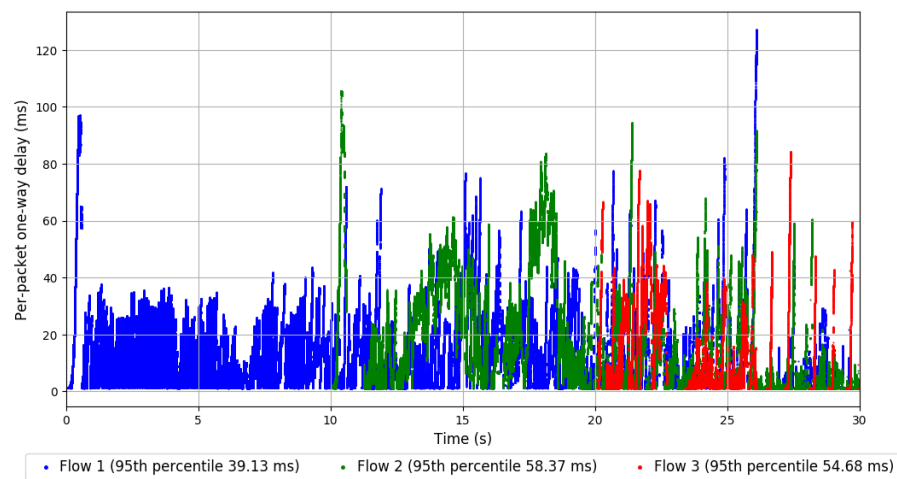
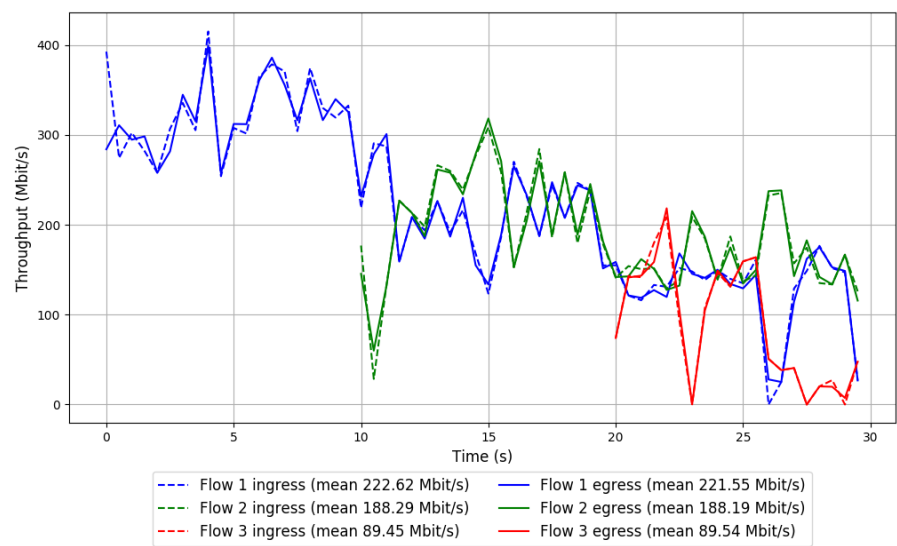


Run 8: Statistics of Verus

Start at: 2017-09-08 00:43:44
End at: 2017-09-08 00:44:14
Local clock offset: 0.901 ms
Remote clock offset: -1.408 ms

Below is generated by plot.py at 2017-09-08 07:46:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 374.82 Mbit/s
95th percentile per-packet one-way delay: 50.416 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 221.55 Mbit/s
95th percentile per-packet one-way delay: 39.128 ms
Loss rate: 0.48%
-- Flow 2:
Average throughput: 188.19 Mbit/s
95th percentile per-packet one-way delay: 58.370 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 89.54 Mbit/s
95th percentile per-packet one-way delay: 54.679 ms
Loss rate: 0.00%

Run 8: Report of Verus — Data Link

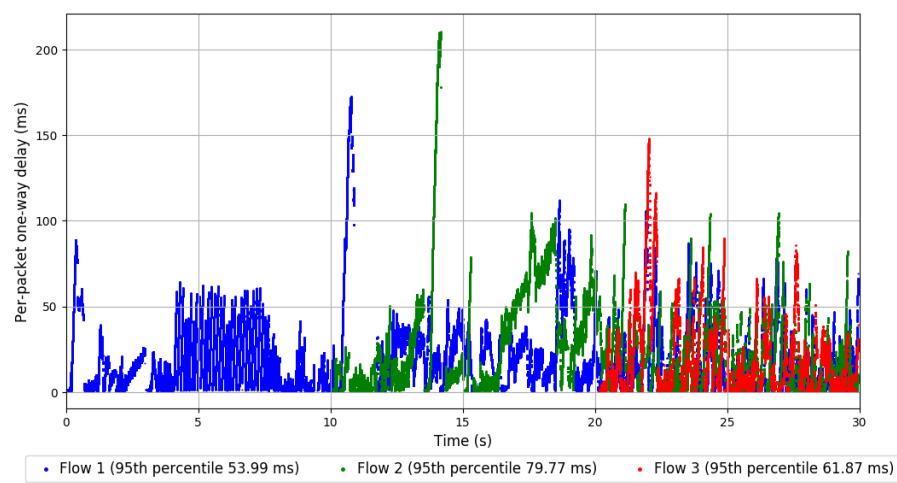
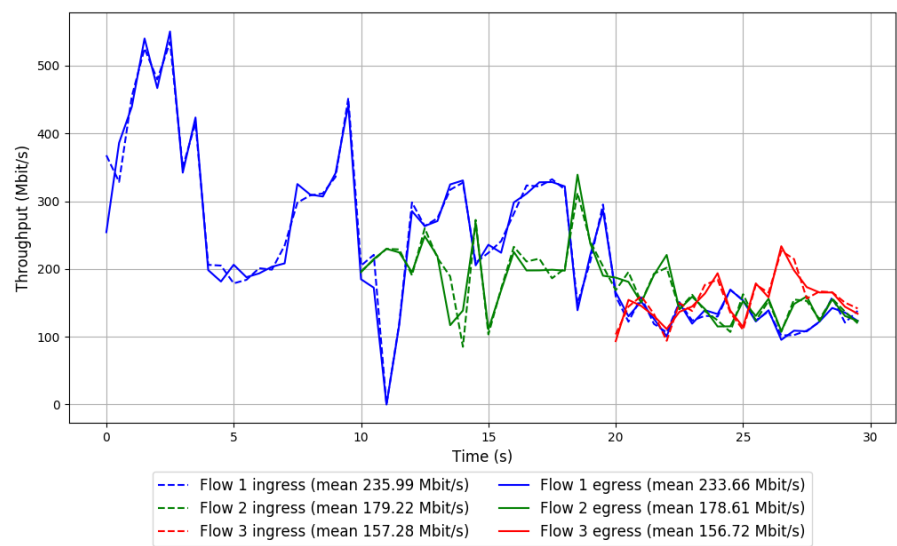


Run 9: Statistics of Verus

Start at: 2017-09-08 01:05:49
End at: 2017-09-08 01:06:19
Local clock offset: 0.891 ms
Remote clock offset: -0.982 ms

Below is generated by plot.py at 2017-09-08 07:47:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 403.60 Mbit/s
95th percentile per-packet one-way delay: 64.106 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 233.66 Mbit/s
95th percentile per-packet one-way delay: 53.993 ms
Loss rate: 1.05%
-- Flow 2:
Average throughput: 178.61 Mbit/s
95th percentile per-packet one-way delay: 79.770 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 156.72 Mbit/s
95th percentile per-packet one-way delay: 61.870 ms
Loss rate: 0.52%

Run 9: Report of Verus — Data Link

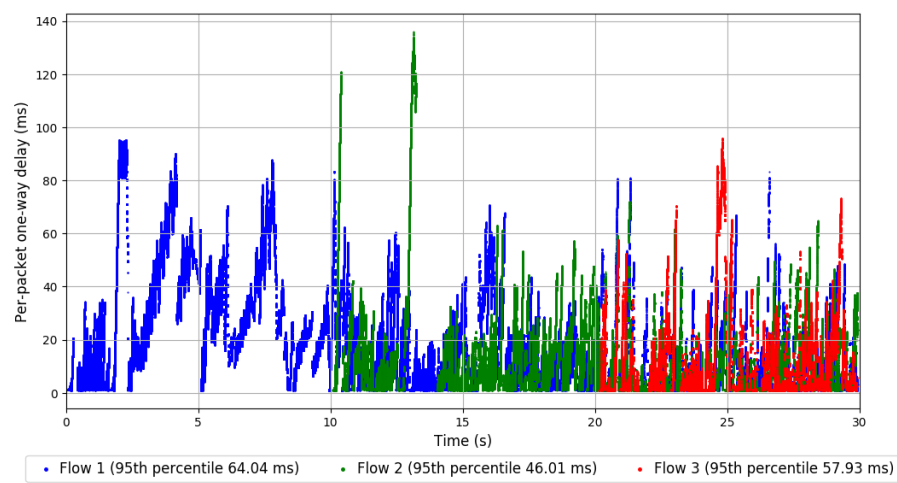
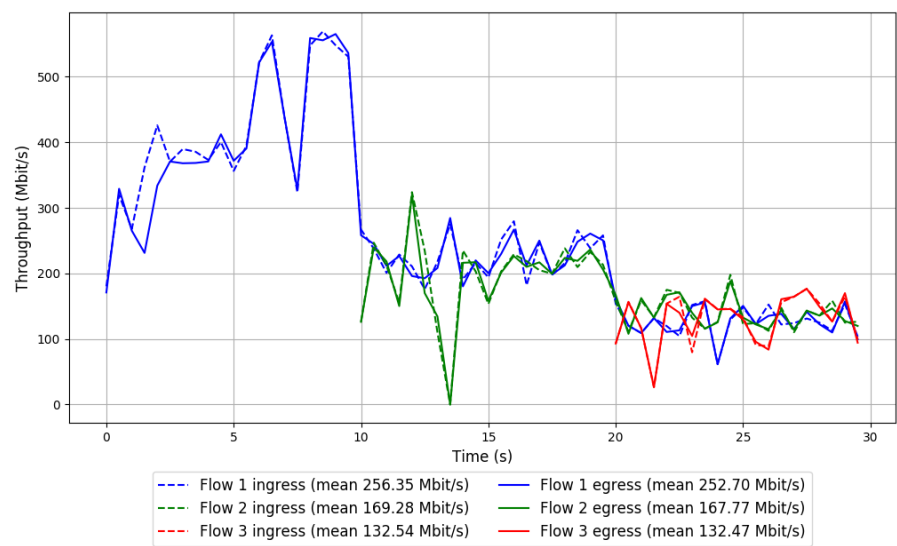


Run 10: Statistics of Verus

Start at: 2017-09-08 01:27:32
End at: 2017-09-08 01:28:02
Local clock offset: 0.798 ms
Remote clock offset: -1.421 ms

Below is generated by plot.py at 2017-09-08 07:47:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 407.37 Mbit/s
95th percentile per-packet one-way delay: 60.776 ms
Loss rate: 1.20%
-- Flow 1:
Average throughput: 252.70 Mbit/s
95th percentile per-packet one-way delay: 64.039 ms
Loss rate: 1.46%
-- Flow 2:
Average throughput: 167.77 Mbit/s
95th percentile per-packet one-way delay: 46.008 ms
Loss rate: 0.98%
-- Flow 3:
Average throughput: 132.47 Mbit/s
95th percentile per-packet one-way delay: 57.933 ms
Loss rate: 0.20%

Run 10: Report of Verus — Data Link

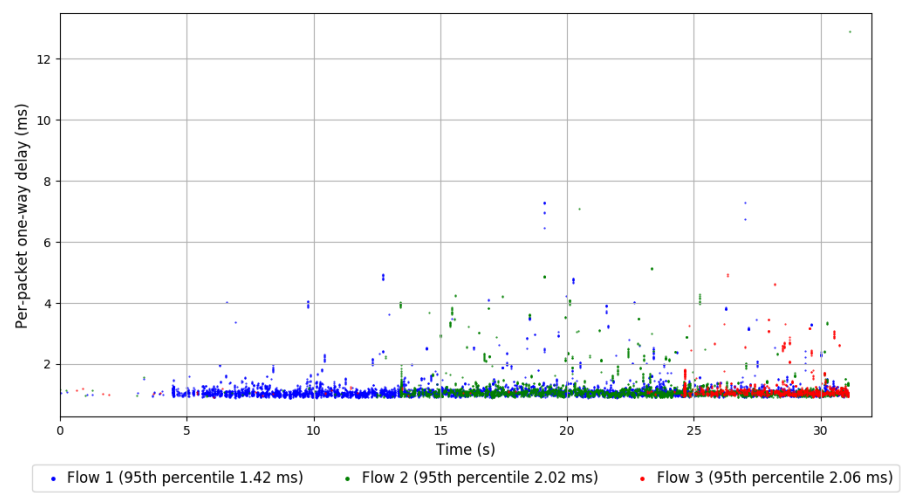
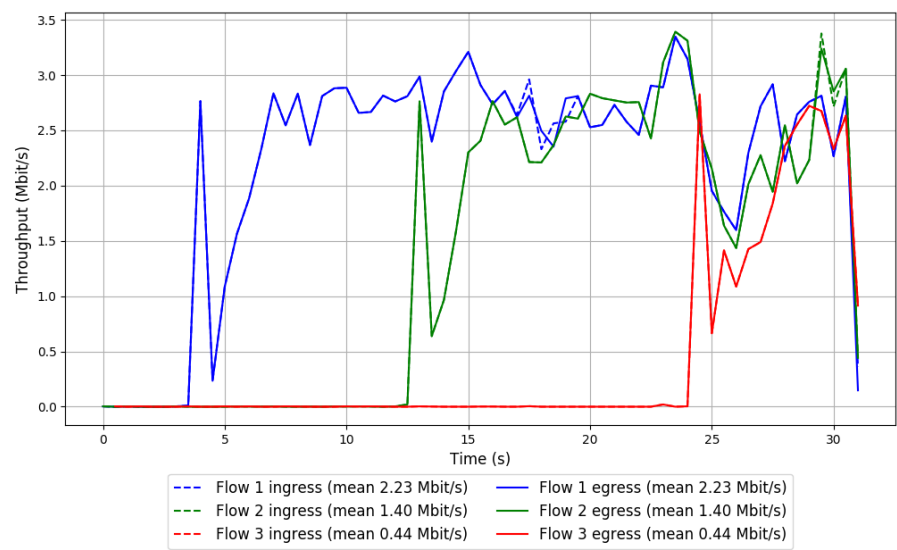


Run 1: Statistics of WebRTC media

Start at: 2017-09-07 21:57:14
End at: 2017-09-07 21:57:44
Local clock offset: 0.913 ms
Remote clock offset: -2.713 ms

Below is generated by plot.py at 2017-09-08 07:47:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.05 Mbit/s
95th percentile per-packet one-way delay: 1.604 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 1.420 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 1.40 Mbit/s
95th percentile per-packet one-way delay: 2.025 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.062 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

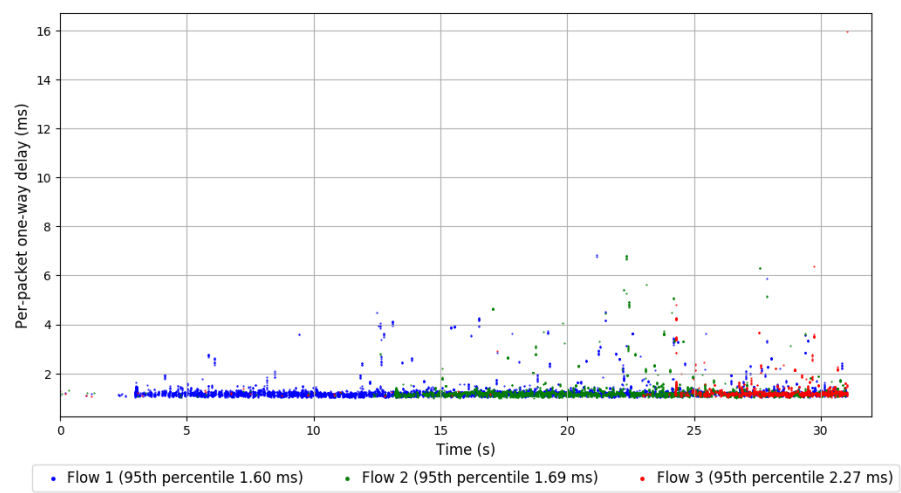
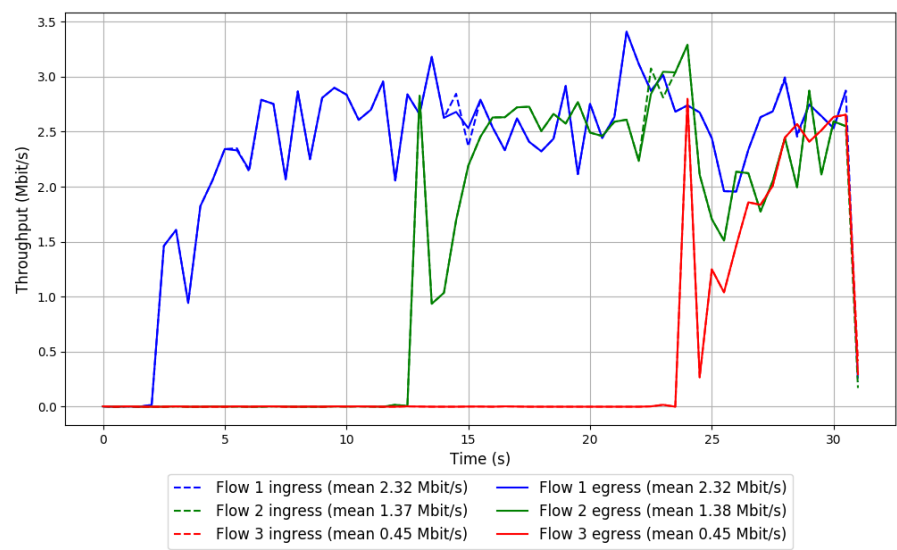


Run 2: Statistics of WebRTC media

Start at: 2017-09-07 22:19:15
End at: 2017-09-07 22:19:45
Local clock offset: 1.103 ms
Remote clock offset: -1.777 ms

Below is generated by plot.py at 2017-09-08 07:47:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.14 Mbit/s
95th percentile per-packet one-way delay: 1.704 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 1.601 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 1.38 Mbit/s
95th percentile per-packet one-way delay: 1.688 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 2.271 ms
Loss rate: 0.43%

Run 2: Report of WebRTC media — Data Link

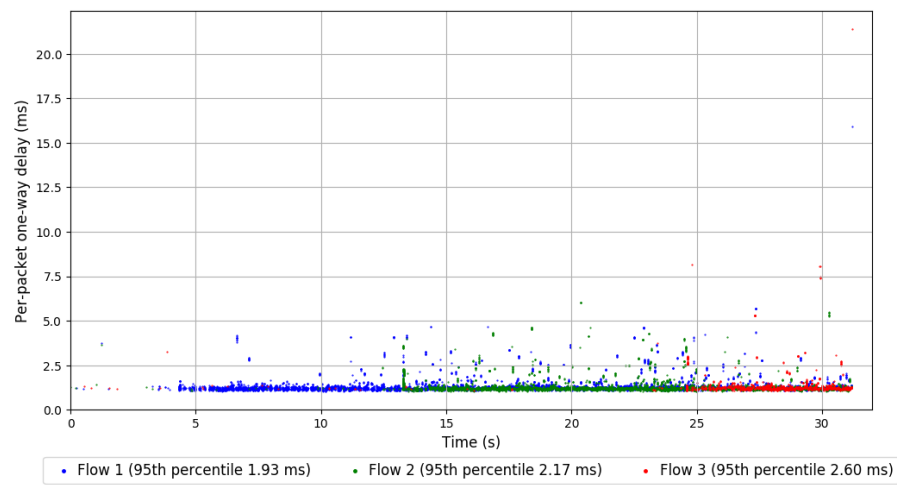
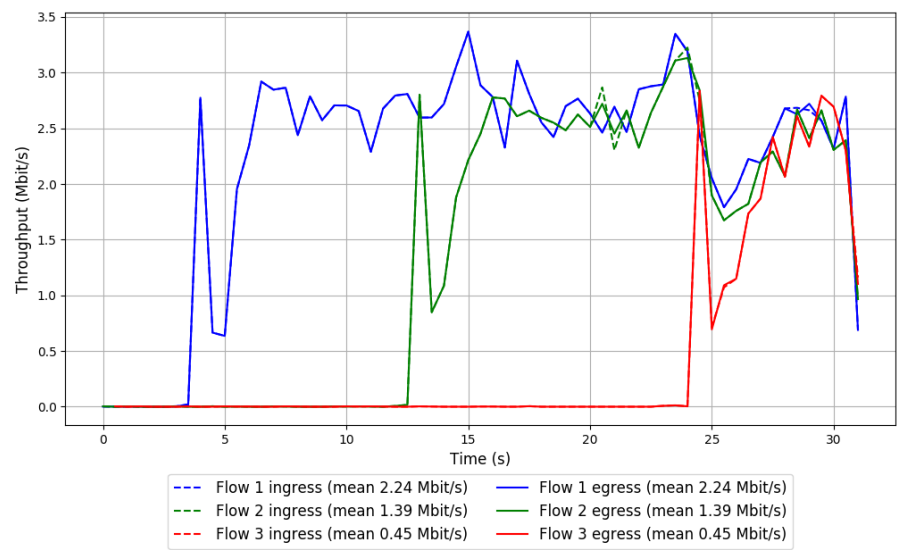


Run 3: Statistics of WebRTC media

Start at: 2017-09-07 22:41:26
End at: 2017-09-07 22:41:56
Local clock offset: 1.0 ms
Remote clock offset: -1.835 ms

Below is generated by plot.py at 2017-09-08 07:47:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.06 Mbit/s
95th percentile per-packet one-way delay: 2.092 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 1.930 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.39 Mbit/s
95th percentile per-packet one-way delay: 2.173 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 2.597 ms
Loss rate: 0.21%

Run 3: Report of WebRTC media — Data Link

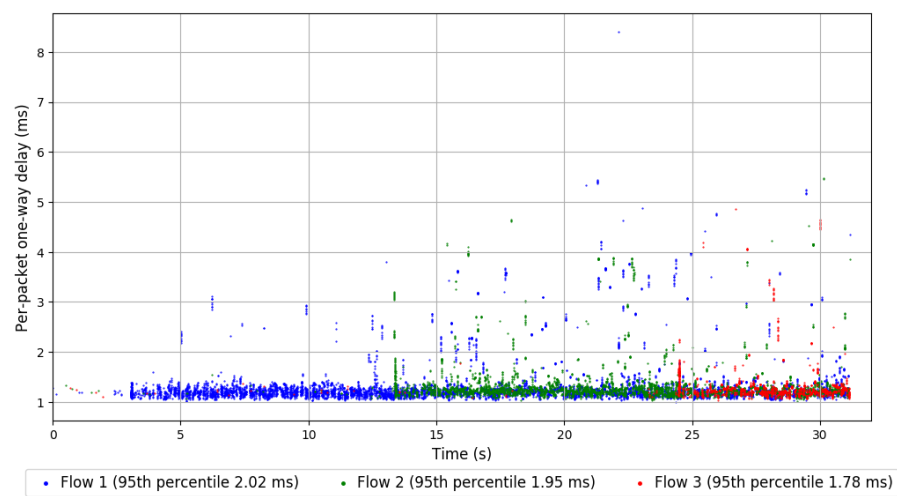
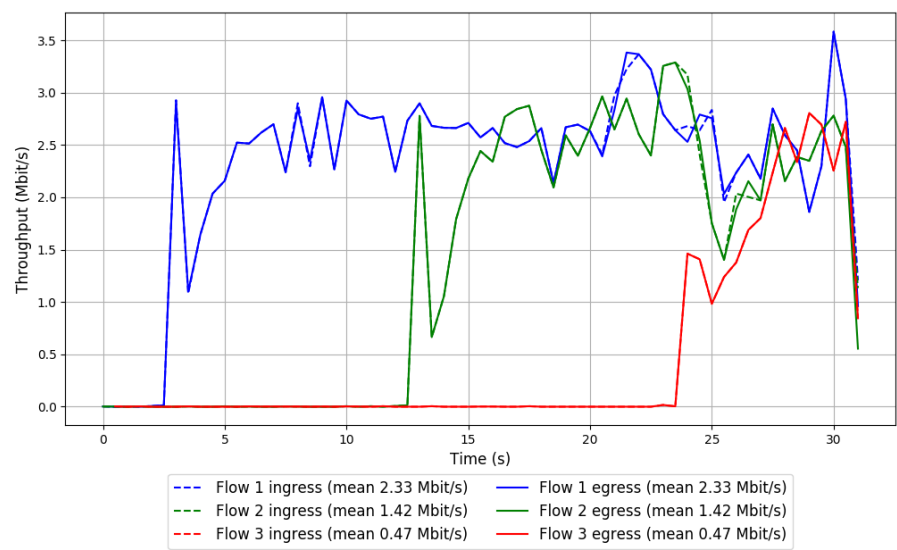


Run 4: Statistics of WebRTC media

Start at: 2017-09-07 23:03:28
End at: 2017-09-07 23:03:58
Local clock offset: 1.076 ms
Remote clock offset: -1.279 ms

Below is generated by plot.py at 2017-09-08 07:47:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.18 Mbit/s
95th percentile per-packet one-way delay: 1.924 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 2.019 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 1.42 Mbit/s
95th percentile per-packet one-way delay: 1.949 ms
Loss rate: 0.66%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 1.782 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2017-09-07 23:25:36

End at: 2017-09-07 23:26:06

Local clock offset: 1.087 ms

Remote clock offset: -0.99 ms

Below is generated by plot.py at 2017-09-08 07:47:53

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.01 Mbit/s

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

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.22 Mbit/s

95th percentile per-packet one-way delay: 1.568 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.39 Mbit/s

95th percentile per-packet one-way delay: 1.938 ms

Loss rate: 0.00%

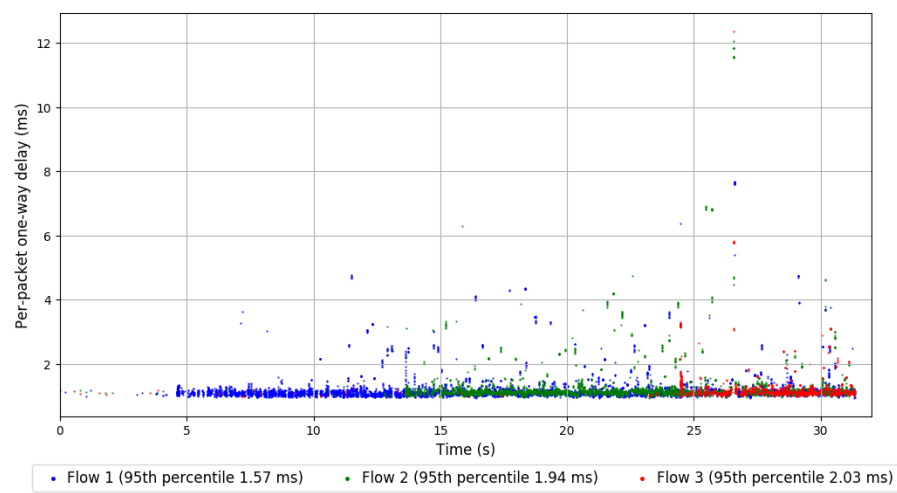
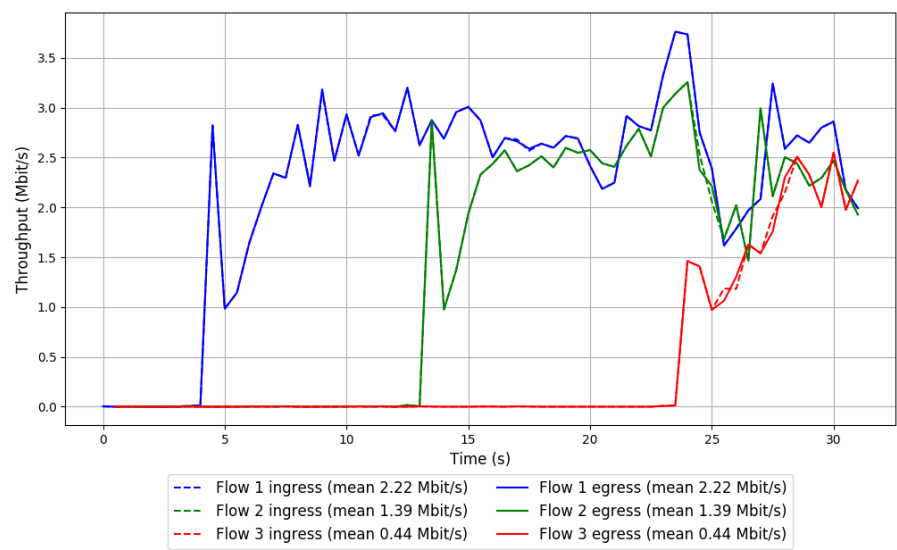
-- Flow 3:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 2.033 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

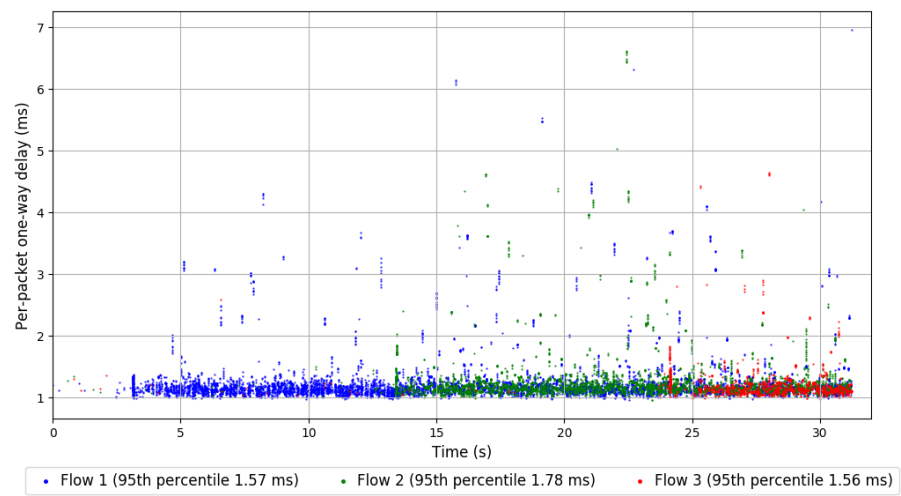
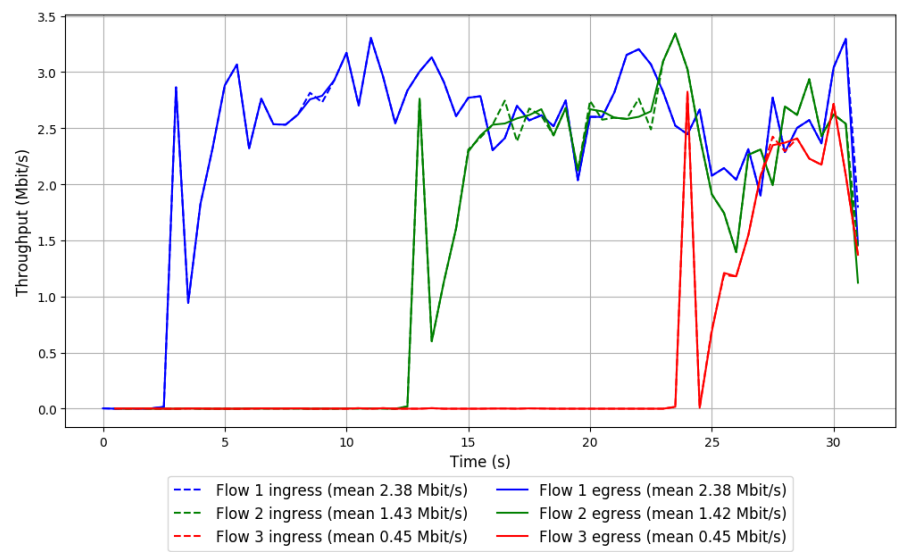


Run 6: Statistics of WebRTC media

Start at: 2017-09-07 23:47:37
End at: 2017-09-07 23:48:07
Local clock offset: 0.825 ms
Remote clock offset: -1.322 ms

Below is generated by plot.py at 2017-09-08 07:47:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.21 Mbit/s
95th percentile per-packet one-way delay: 1.673 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 1.567 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 1.42 Mbit/s
95th percentile per-packet one-way delay: 1.776 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 1.562 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

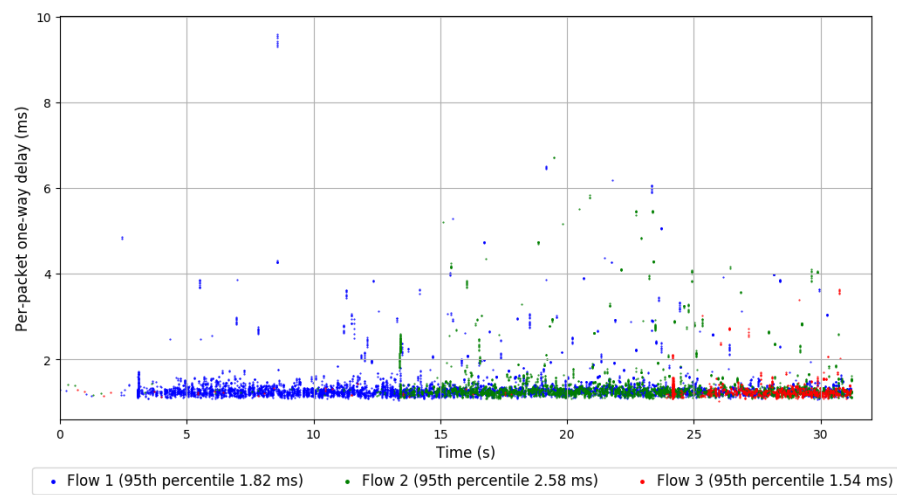
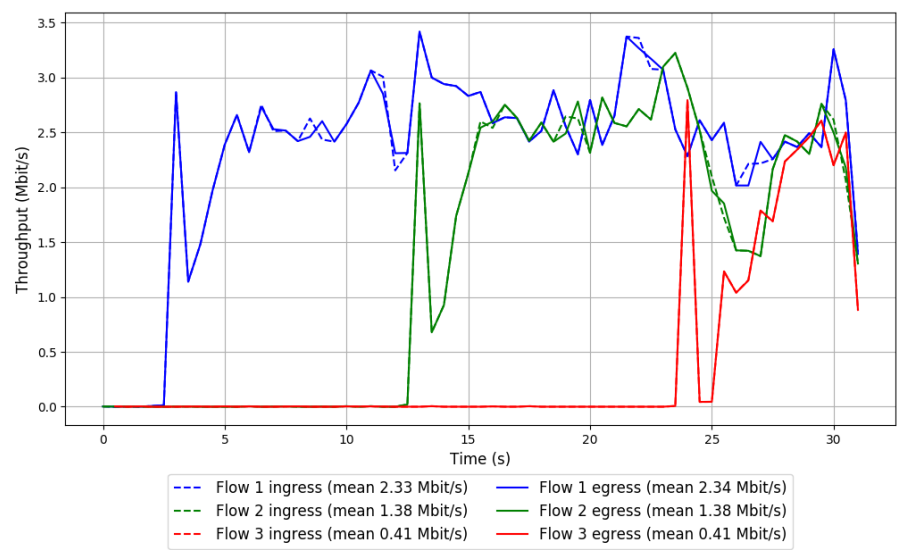


Run 7: Statistics of WebRTC media

Start at: 2017-09-08 00:09:44
End at: 2017-09-08 00:10:14
Local clock offset: 0.84 ms
Remote clock offset: -1.311 ms

Below is generated by plot.py at 2017-09-08 07:47:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.10 Mbit/s
95th percentile per-packet one-way delay: 2.072 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 1.817 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 1.38 Mbit/s
95th percentile per-packet one-way delay: 2.584 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 1.544 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

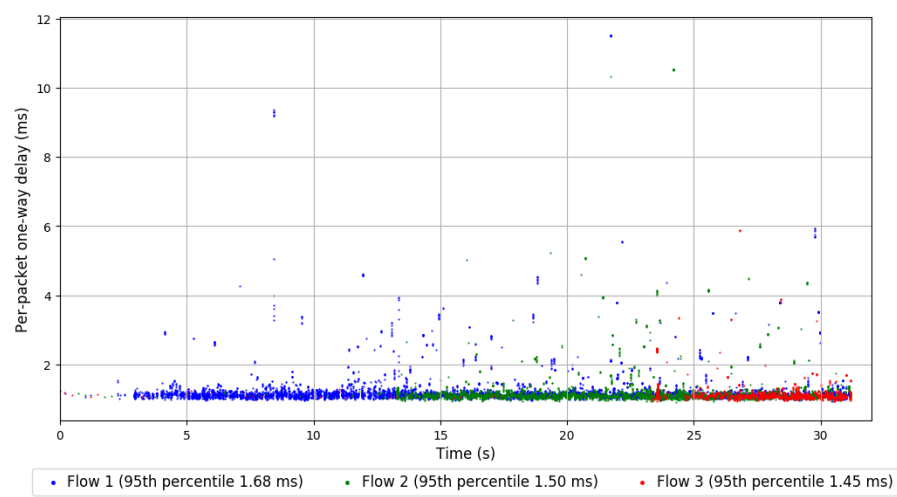
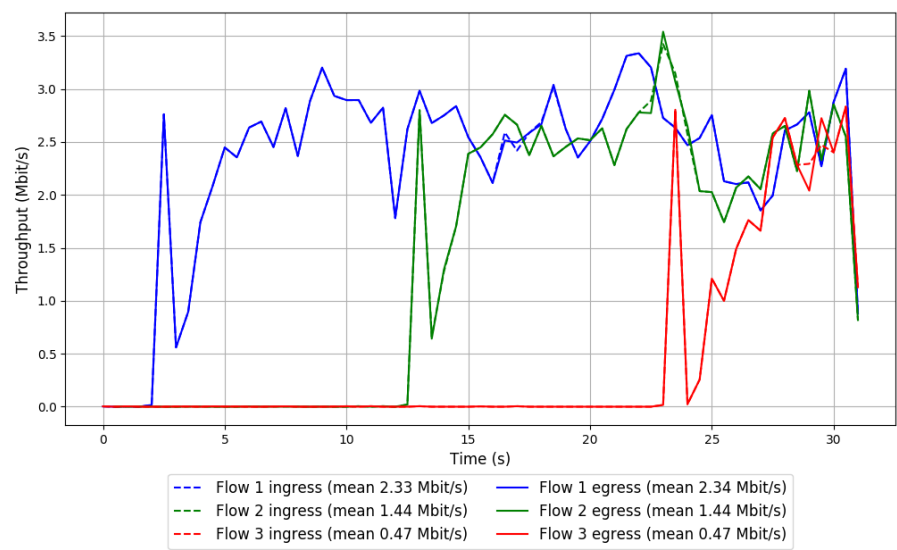


Run 8: Statistics of WebRTC media

Start at: 2017-09-08 00:31:50
End at: 2017-09-08 00:32:20
Local clock offset: 0.866 ms
Remote clock offset: -1.201 ms

Below is generated by plot.py at 2017-09-08 07:47:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.21 Mbit/s
95th percentile per-packet one-way delay: 1.616 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 1.675 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.44 Mbit/s
95th percentile per-packet one-way delay: 1.500 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 1.449 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

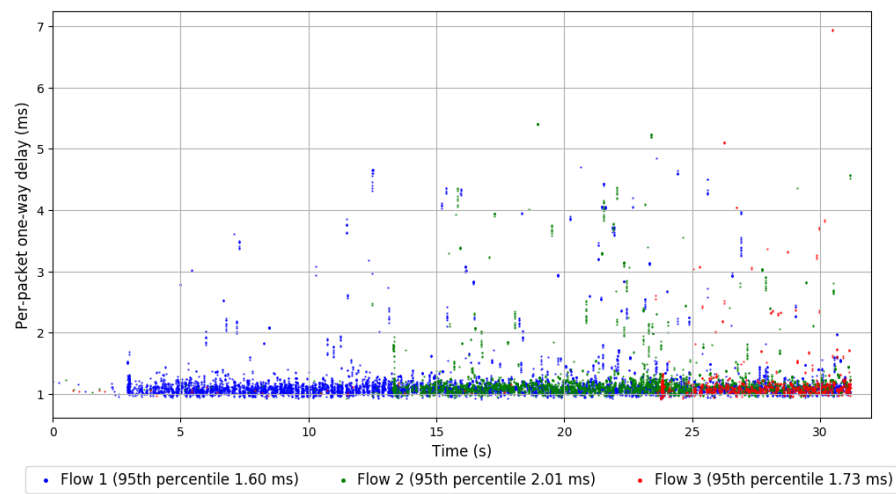
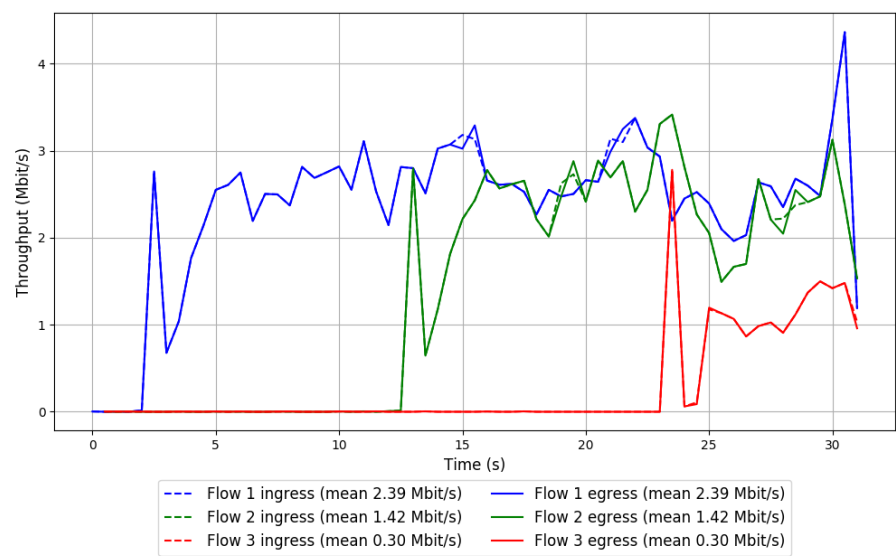


Run 9: Statistics of WebRTC media

Start at: 2017-09-08 00:53:47
End at: 2017-09-08 00:54:17
Local clock offset: 0.879 ms
Remote clock offset: -1.136 ms

Below is generated by plot.py at 2017-09-08 07:47:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.07 Mbit/s
95th percentile per-packet one-way delay: 1.790 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 1.598 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.42 Mbit/s
95th percentile per-packet one-way delay: 2.013 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 1.732 ms
Loss rate: 0.41%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2017-09-08 01:15:44
End at: 2017-09-08 01:16:14
Local clock offset: 0.812 ms
Remote clock offset: -1.253 ms

Below is generated by plot.py at 2017-09-08 07:47:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.18 Mbit/s
95th percentile per-packet one-way delay: 1.806 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 1.811 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 1.42 Mbit/s
95th percentile per-packet one-way delay: 1.820 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 1.593 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

