

Pantheon Report

Generated at 2018-01-02 13:38:09 (UTC).

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

Repeated the test of 14 congestion control schemes 10 times.

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

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

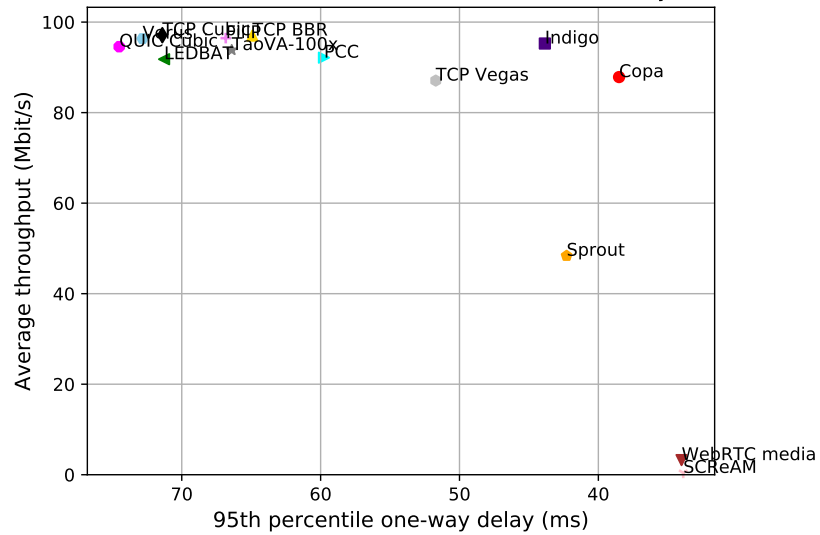
Tested BBR with qdisc of Fair Queuing (*fq*), and other schemes with the default Linux qdisc (*pfifo_fast*).

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

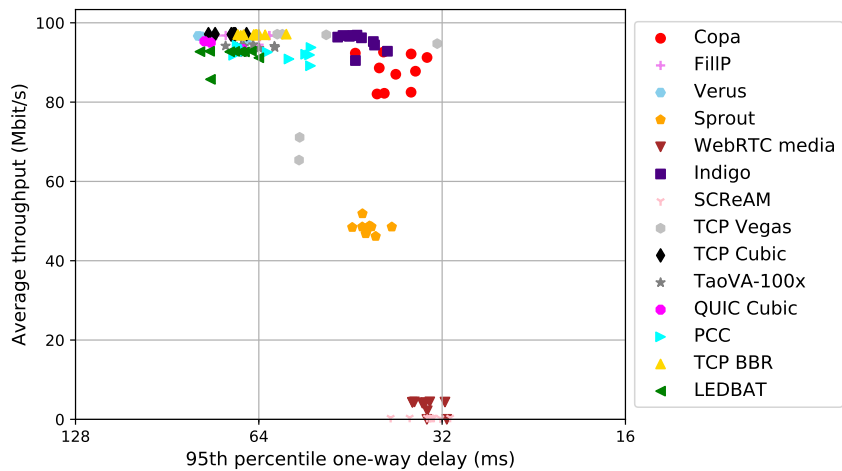
Git summary:

```
branch: master @ 904a5750834816b1e46a2c86405d707788d27c16
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ dcaef6b00654e660f73f7ed679d2eab61ce08639
third_party/genericCC @ 80b516c448f795fd6e9675f7177b69c622f07da8
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaaeb30b267cde681
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 India Ethernet to AWS India 1 Ethernet, 10 runs of 30s each per scheme
3 flows with 10s interval between flows (mean of all runs by scheme)



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



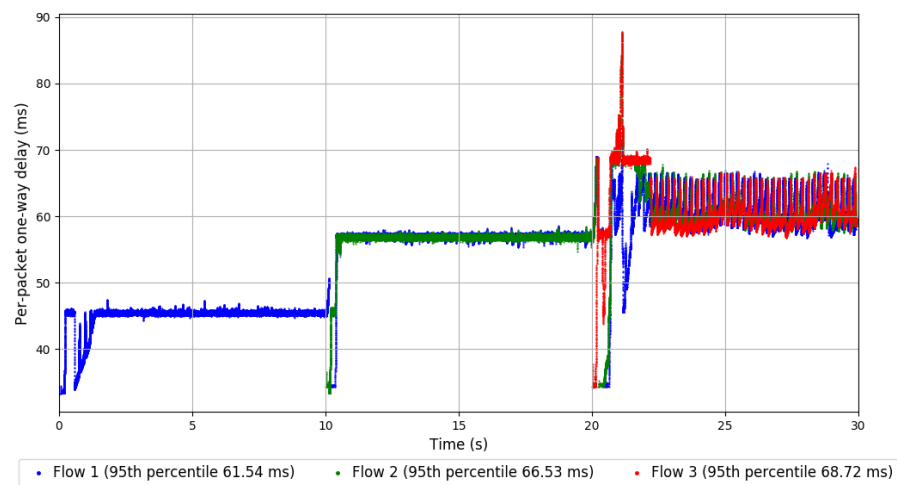
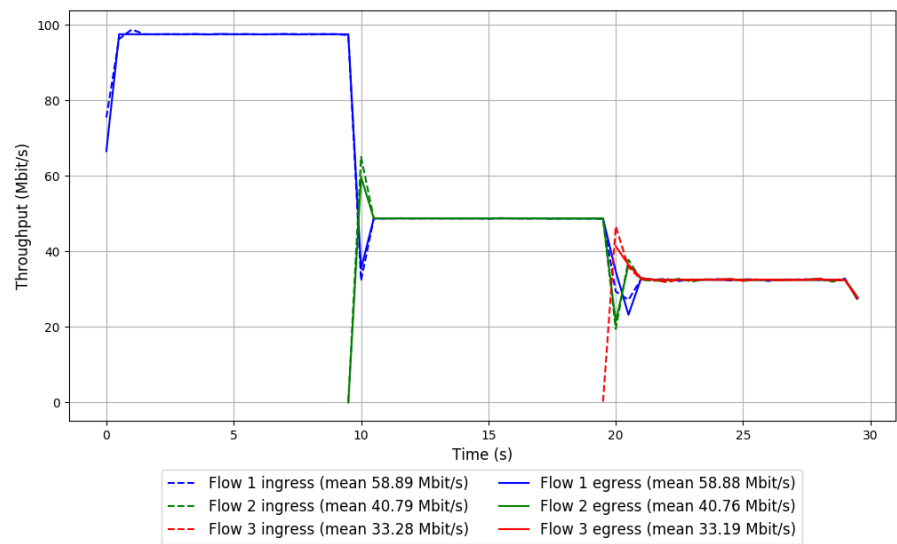
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	60.38	40.15	29.79	59.86	65.57	72.30	0.11	0.20	0.53
TCP Cubic	9	59.78	39.58	33.03	68.68	71.47	69.07	0.13	0.32	0.91
LEDBAT	9	55.90	40.02	30.31	71.23	68.43	67.70	0.12	0.29	1.02
PCC	9	62.08	35.27	20.02	59.19	54.00	51.56	0.08	0.19	0.38
QUIC Cubic	3	58.31	41.75	26.02	67.39	67.48	74.75	0.11	0.23	0.66
SCReAM	10	1.64	0.21	0.22	541.25	33.89	33.87	0.10	0.16	0.14
WebRTC media	10	1.73	1.10	0.46	33.97	33.96	34.35	0.39	0.16	0.45
Sprout	10	24.26	24.09	23.51	41.69	42.22	43.31	0.12	0.13	0.27
TaoVA-100x	10	57.98	41.19	33.18	64.26	62.06	62.41	0.10	0.21	0.68
TCP Vegas	6	46.16	47.89	35.41	709.83	911.72	50.06	0.06	0.11	0.27
Verus	10	58.75	40.25	32.70	67.40	70.90	68.79	0.10	0.22	0.63
Copa	10	54.00	39.43	30.12	38.06	38.70	40.08	0.06	0.13	0.39
FillP	8	59.95	42.04	27.79	63.13	62.37	68.40	0.12	0.57	1.76
Indigo	10	58.18	38.67	35.15	43.97	43.02	42.76	0.08	0.12	0.32

Run 1: Statistics of TCP BBR

Start at: 2018-01-02 07:32:51
End at: 2018-01-02 07:33:21
Local clock offset: 2.698 ms
Remote clock offset: -10.328 ms

Below is generated by plot.py at 2018-01-02 13:17:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.08 Mbit/s
95th percentile per-packet one-way delay: 64.807 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 58.88 Mbit/s
95th percentile per-packet one-way delay: 61.540 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 40.76 Mbit/s
95th percentile per-packet one-way delay: 66.534 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 33.19 Mbit/s
95th percentile per-packet one-way delay: 68.716 ms
Loss rate: 0.53%

Run 1: Report of TCP BBR — Data Link

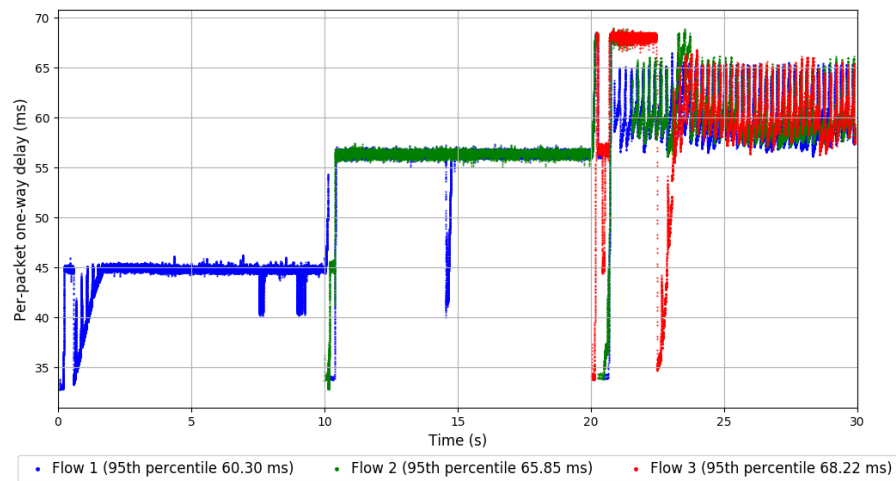
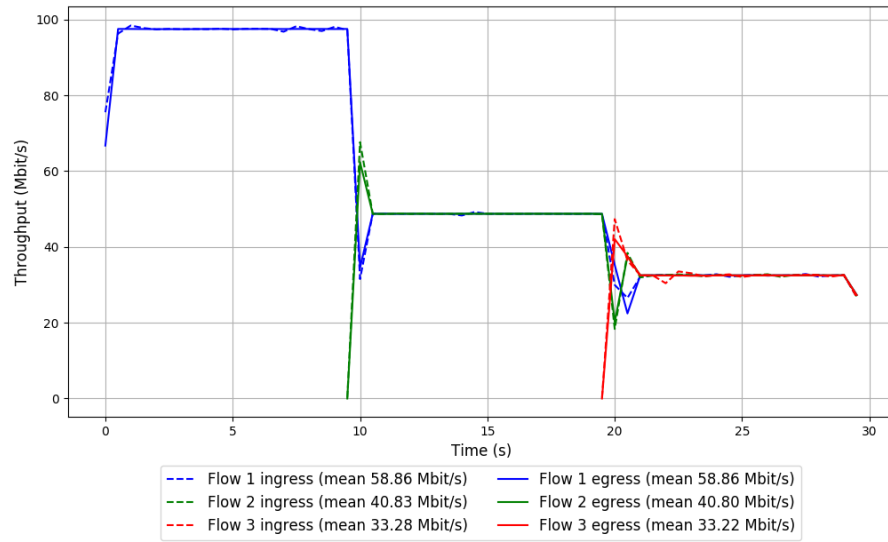


Run 2: Statistics of TCP BBR

Start at: 2018-01-02 07:51:19
End at: 2018-01-02 07:51:50
Local clock offset: 1.846 ms
Remote clock offset: -11.454 ms

Below is generated by plot.py at 2018-01-02 13:17:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 64.523 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 58.86 Mbit/s
95th percentile per-packet one-way delay: 60.299 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 40.80 Mbit/s
95th percentile per-packet one-way delay: 65.853 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 33.22 Mbit/s
95th percentile per-packet one-way delay: 68.223 ms
Loss rate: 0.51%

Run 2: Report of TCP BBR — Data Link

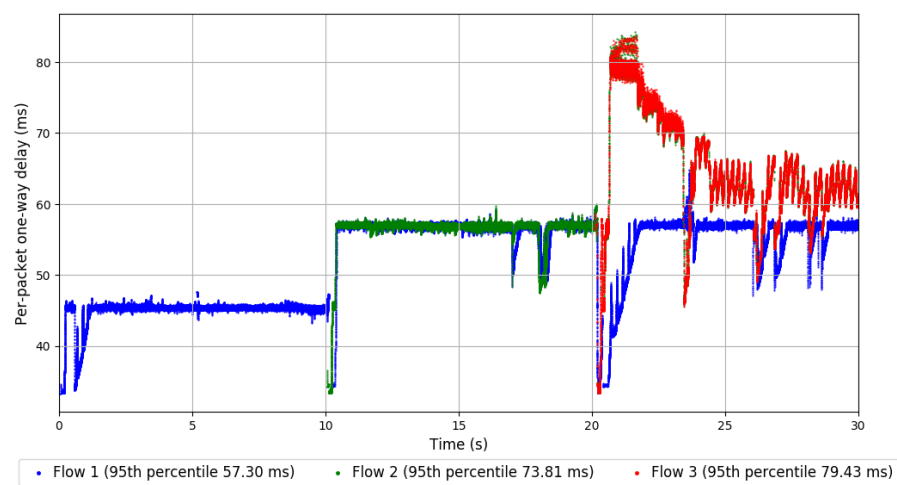
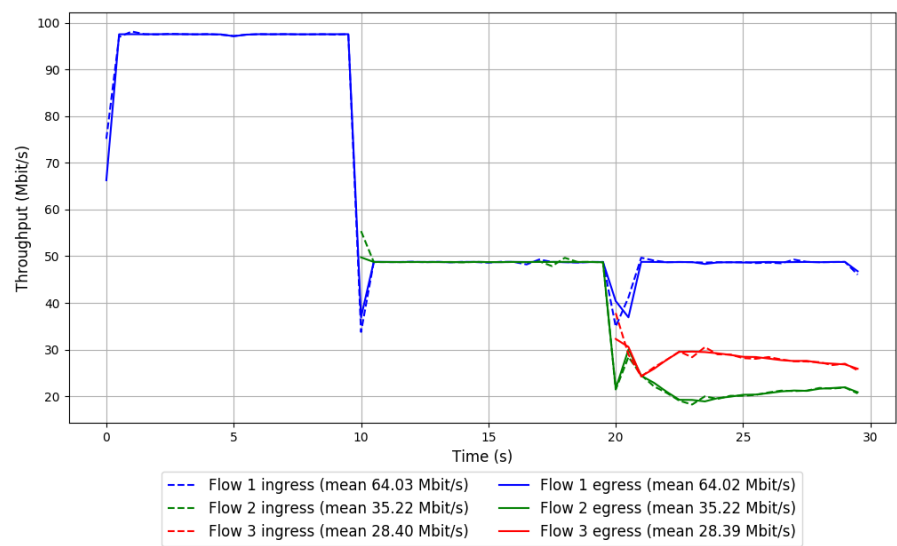


Run 3: Statistics of TCP BBR

Start at: 2018-01-02 08:09:33
End at: 2018-01-02 08:10:03
Local clock offset: 4.26 ms
Remote clock offset: -9.956 ms

Below is generated by plot.py at 2018-01-02 13:17:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 68.530 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 64.02 Mbit/s
95th percentile per-packet one-way delay: 57.299 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 35.22 Mbit/s
95th percentile per-packet one-way delay: 73.813 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 28.39 Mbit/s
95th percentile per-packet one-way delay: 79.428 ms
Loss rate: 0.57%

Run 3: Report of TCP BBR — Data Link

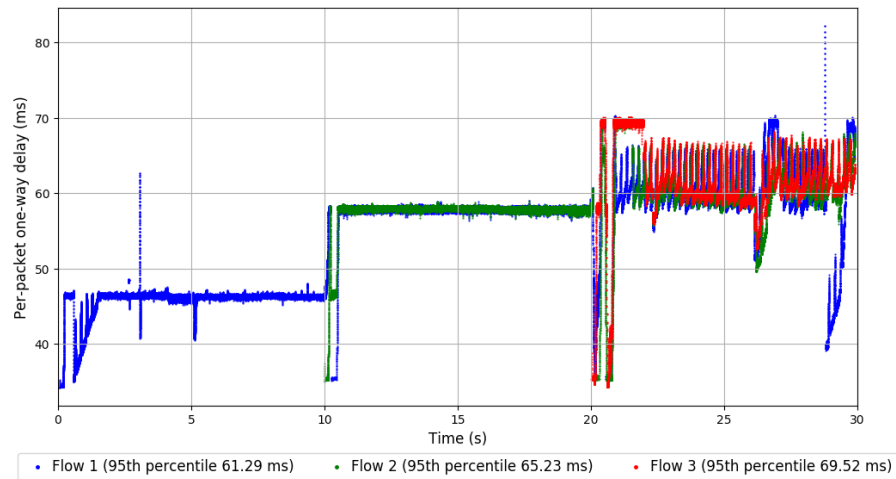
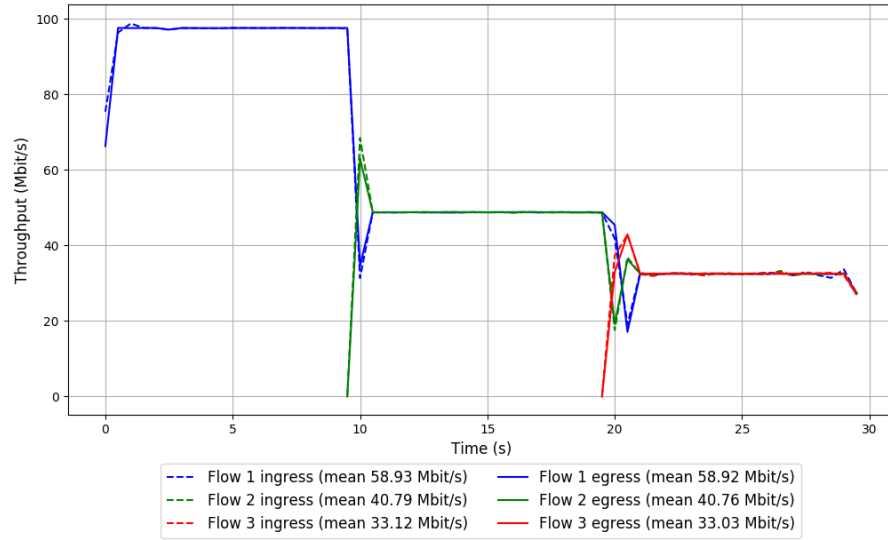


Run 4: Statistics of TCP BBR

Start at: 2018-01-02 08:27:49
End at: 2018-01-02 08:28:19
Local clock offset: 5.061 ms
Remote clock offset: -10.289 ms

Below is generated by plot.py at 2018-01-02 13:17:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.07 Mbit/s
95th percentile per-packet one-way delay: 65.234 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 58.92 Mbit/s
95th percentile per-packet one-way delay: 61.294 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.76 Mbit/s
95th percentile per-packet one-way delay: 65.232 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 33.03 Mbit/s
95th percentile per-packet one-way delay: 69.523 ms
Loss rate: 0.54%

Run 4: Report of TCP BBR — Data Link

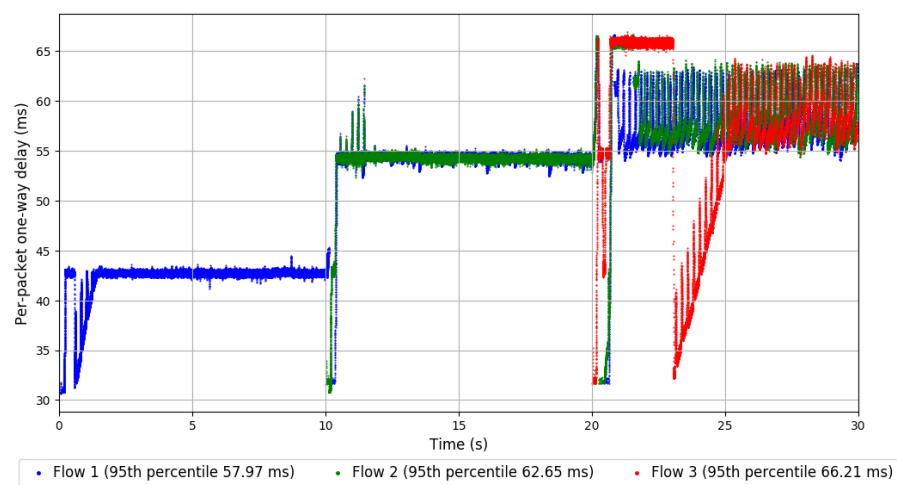
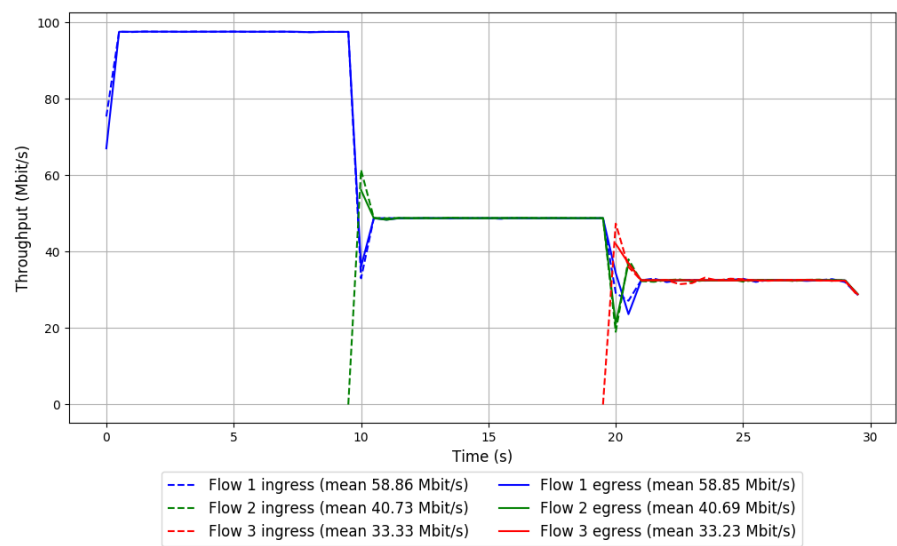


Run 5: Statistics of TCP BBR

Start at: 2018-01-02 08:46:10
End at: 2018-01-02 08:46:40
Local clock offset: 2.592 ms
Remote clock offset: -10.118 ms

Below is generated by plot.py at 2018-01-02 13:17:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.98 Mbit/s
95th percentile per-packet one-way delay: 62.485 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 58.85 Mbit/s
95th percentile per-packet one-way delay: 57.966 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.69 Mbit/s
95th percentile per-packet one-way delay: 62.654 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 33.23 Mbit/s
95th percentile per-packet one-way delay: 66.209 ms
Loss rate: 0.52%

Run 5: Report of TCP BBR — Data Link

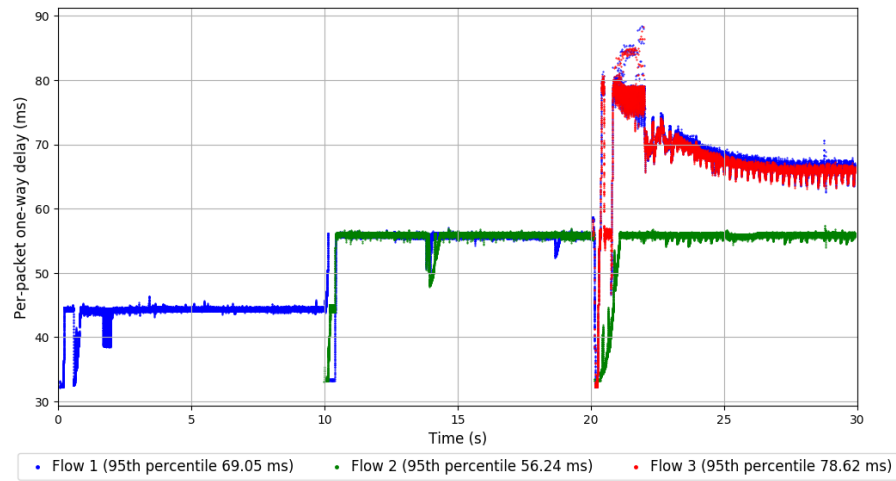
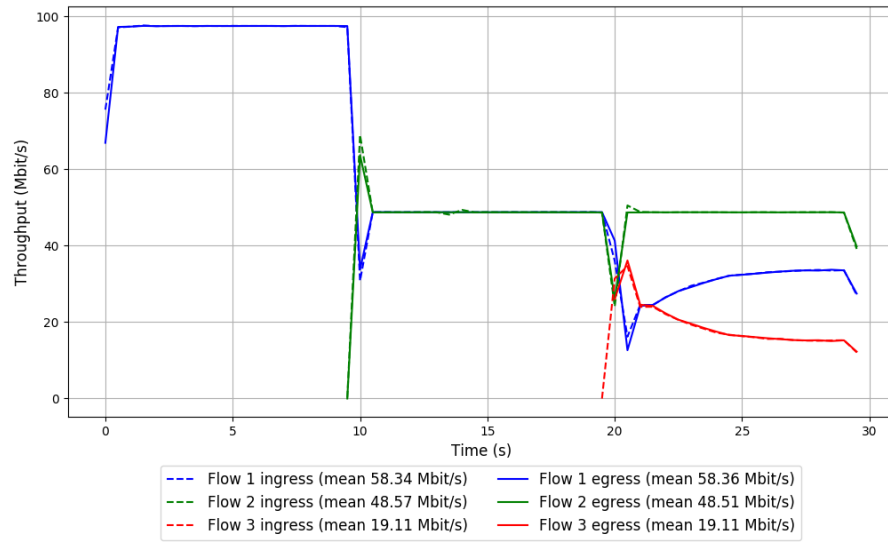


Run 6: Statistics of TCP BBR

Start at: 2018-01-02 09:04:05
End at: 2018-01-02 09:04:35
Local clock offset: 2.837 ms
Remote clock offset: -12.71 ms

Below is generated by plot.py at 2018-01-02 13:17:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 69.312 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 58.36 Mbit/s
95th percentile per-packet one-way delay: 69.051 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 48.51 Mbit/s
95th percentile per-packet one-way delay: 56.241 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 19.11 Mbit/s
95th percentile per-packet one-way delay: 78.624 ms
Loss rate: 0.49%

Run 6: Report of TCP BBR — Data Link

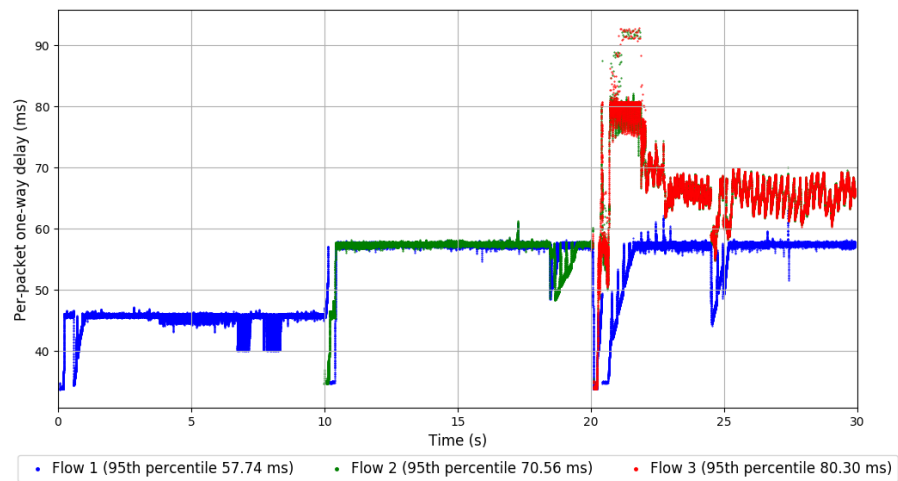
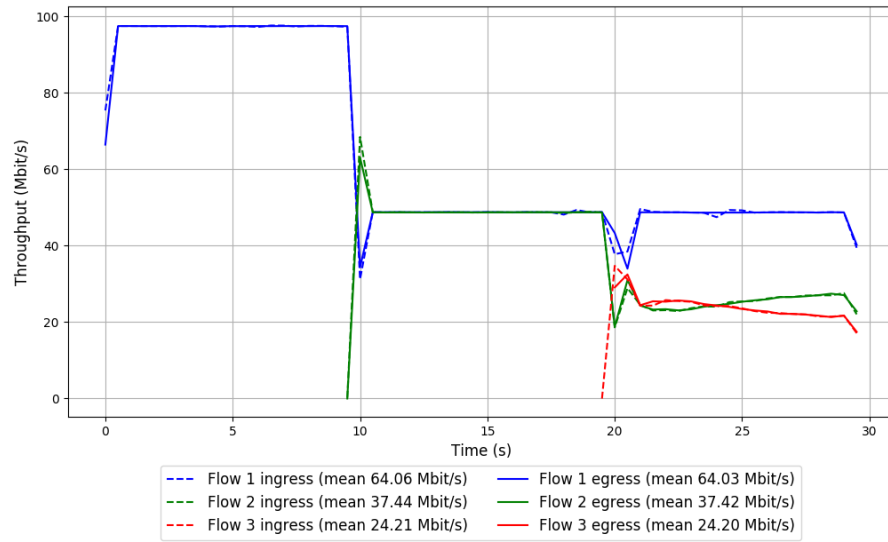


Run 7: Statistics of TCP BBR

Start at: 2018-01-02 09:22:01
End at: 2018-01-02 09:22:31
Local clock offset: 3.992 ms
Remote clock offset: -13.979 ms

Below is generated by plot.py at 2018-01-02 13:17:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.01 Mbit/s
95th percentile per-packet one-way delay: 67.807 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 64.03 Mbit/s
95th percentile per-packet one-way delay: 57.741 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 37.42 Mbit/s
95th percentile per-packet one-way delay: 70.555 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 24.20 Mbit/s
95th percentile per-packet one-way delay: 80.301 ms
Loss rate: 0.52%

Run 7: Report of TCP BBR — Data Link

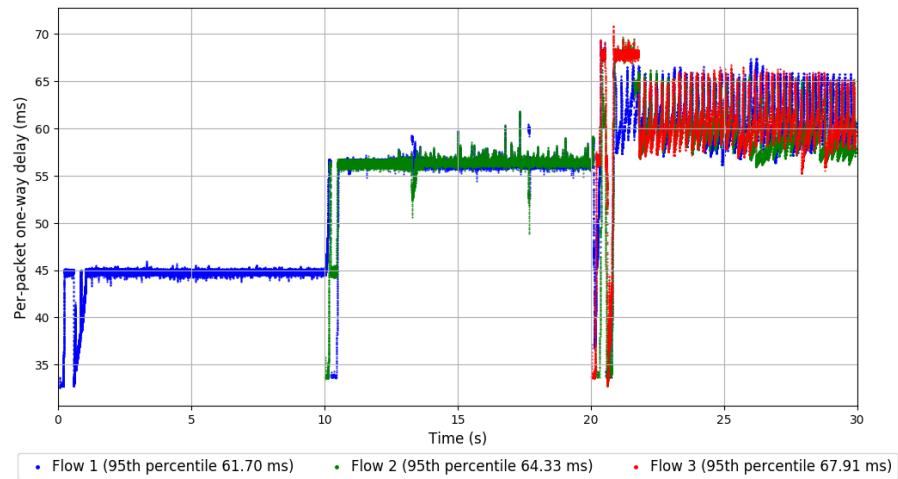
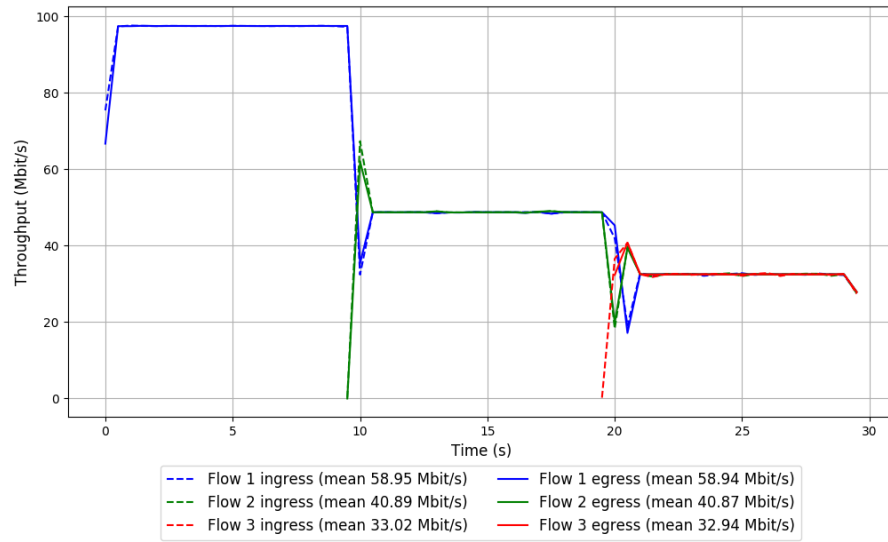


Run 8: Statistics of TCP BBR

Start at: 2018-01-02 09:39:49
End at: 2018-01-02 09:40:19
Local clock offset: 1.248 ms
Remote clock offset: -15.409 ms

Below is generated by plot.py at 2018-01-02 13:17:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 64.006 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 58.94 Mbit/s
95th percentile per-packet one-way delay: 61.704 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 40.87 Mbit/s
95th percentile per-packet one-way delay: 64.328 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 32.94 Mbit/s
95th percentile per-packet one-way delay: 67.909 ms
Loss rate: 0.53%

Run 8: Report of TCP BBR — Data Link

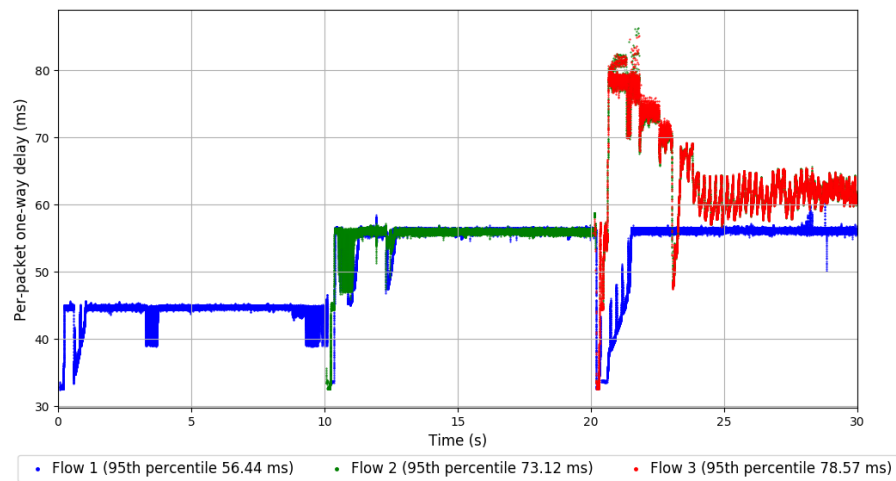
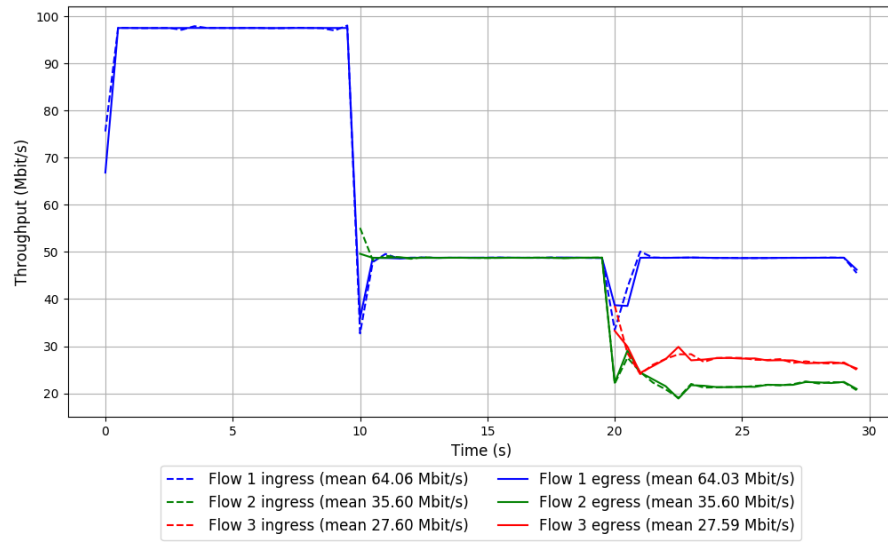


Run 9: Statistics of TCP BBR

Start at: 2018-01-02 09:57:31
End at: 2018-01-02 09:58:01
Local clock offset: 2.297 ms
Remote clock offset: -14.19 ms

Below is generated by plot.py at 2018-01-02 13:18:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.86 Mbit/s
95th percentile per-packet one-way delay: 64.747 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 64.03 Mbit/s
95th percentile per-packet one-way delay: 56.439 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 35.60 Mbit/s
95th percentile per-packet one-way delay: 73.118 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 27.59 Mbit/s
95th percentile per-packet one-way delay: 78.568 ms
Loss rate: 0.55%

Run 9: Report of TCP BBR — Data Link

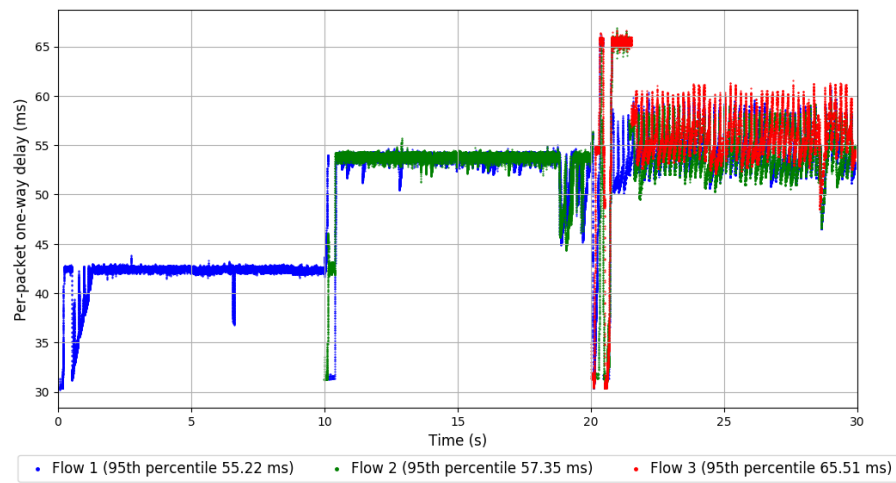
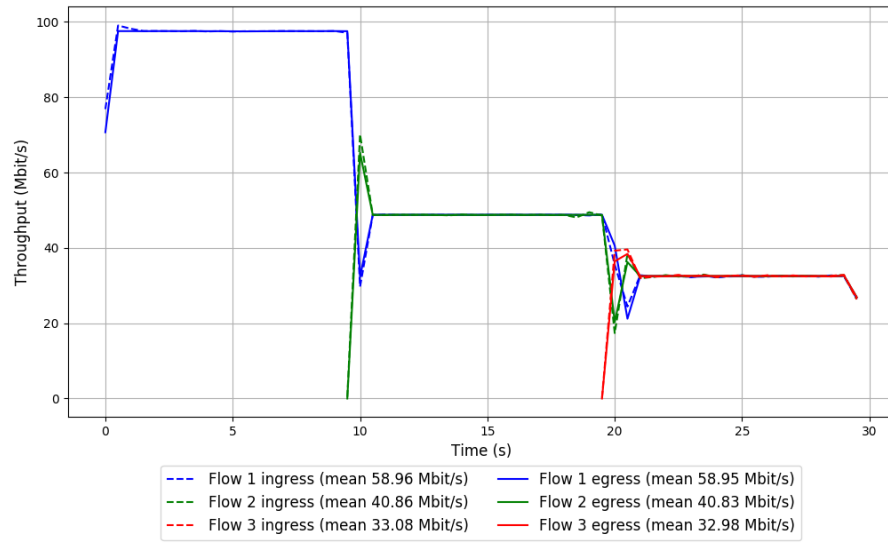


Run 10: Statistics of TCP BBR

Start at: 2018-01-02 10:15:34
End at: 2018-01-02 10:16:04
Local clock offset: 0.873 ms
Remote clock offset: -15.981 ms

Below is generated by plot.py at 2018-01-02 13:18:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.14 Mbit/s
95th percentile per-packet one-way delay: 57.683 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 58.95 Mbit/s
95th percentile per-packet one-way delay: 55.223 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 40.83 Mbit/s
95th percentile per-packet one-way delay: 57.354 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 32.98 Mbit/s
95th percentile per-packet one-way delay: 65.513 ms
Loss rate: 0.52%

Run 10: Report of TCP BBR — Data Link

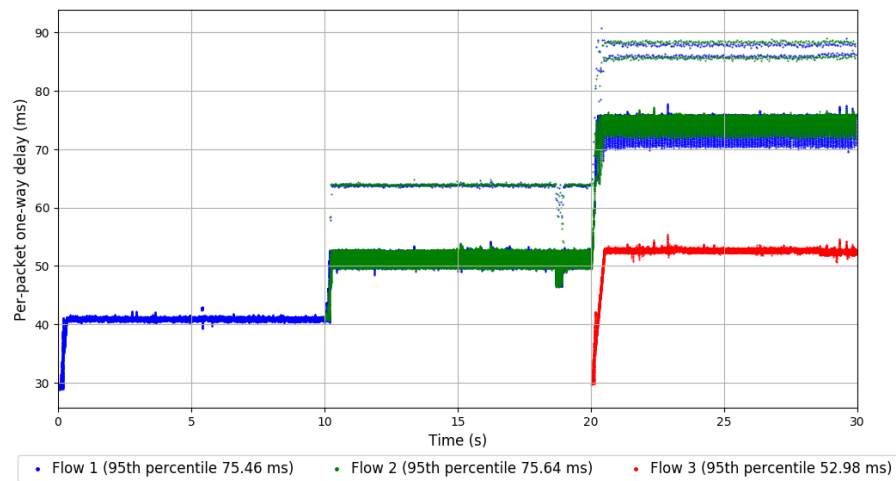
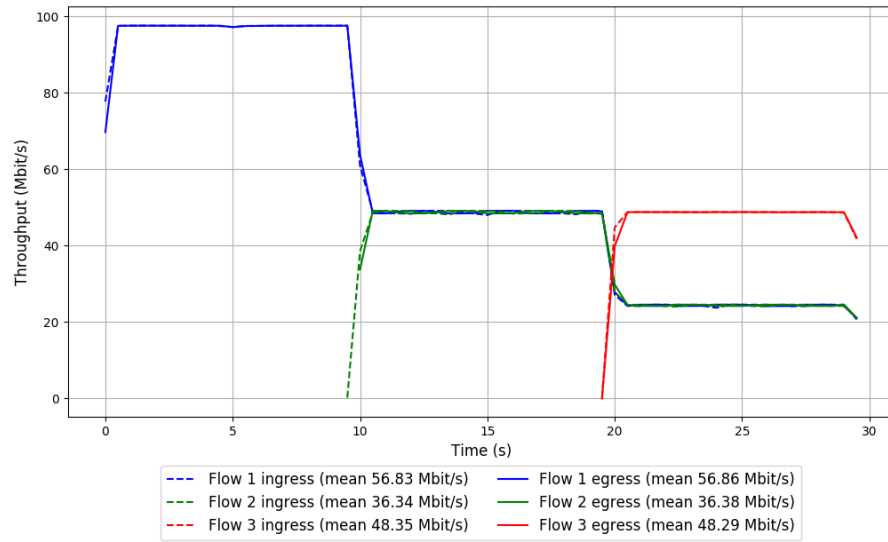


Run 1: Statistics of TCP Cubic

Start at: 2018-01-02 07:24:30
End at: 2018-01-02 07:25:00
Local clock offset: 0.232 ms
Remote clock offset: -8.914 ms

Below is generated by plot.py at 2018-01-02 13:18:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.15 Mbit/s
95th percentile per-packet one-way delay: 75.497 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 56.86 Mbit/s
95th percentile per-packet one-way delay: 75.460 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 36.38 Mbit/s
95th percentile per-packet one-way delay: 75.639 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 48.29 Mbit/s
95th percentile per-packet one-way delay: 52.983 ms
Loss rate: 0.49%

Run 1: Report of TCP Cubic — Data Link

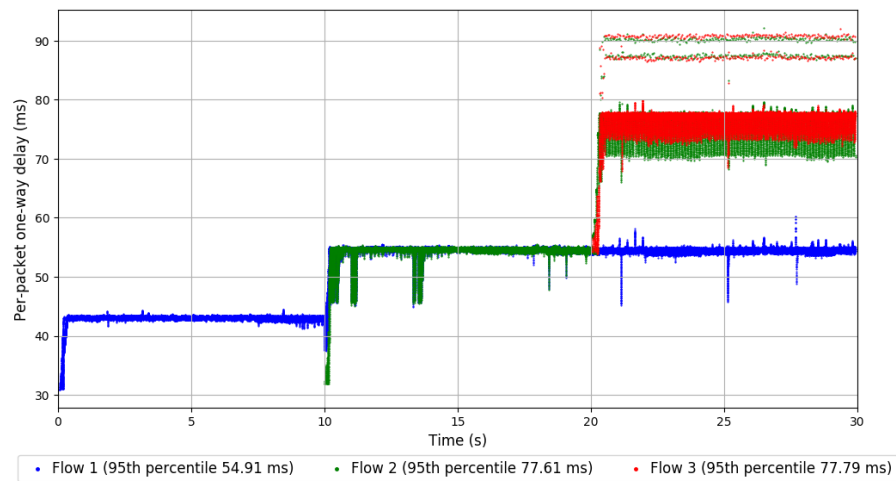
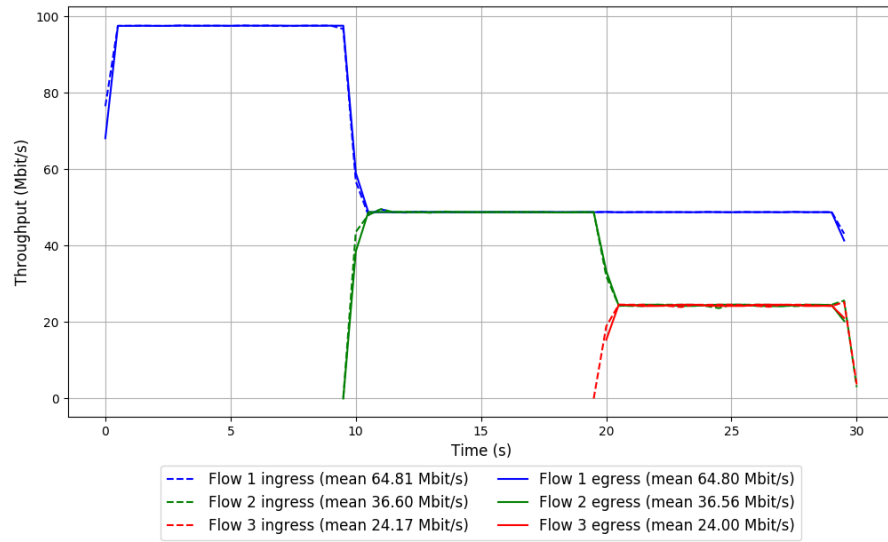


Run 2: Statistics of TCP Cubic

Start at: 2018-01-02 07:42:51
End at: 2018-01-02 07:43:21
Local clock offset: 2.581 ms
Remote clock offset: -8.546 ms

Below is generated by plot.py at 2018-01-02 13:18:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.13 Mbit/s
95th percentile per-packet one-way delay: 77.428 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 64.80 Mbit/s
95th percentile per-packet one-way delay: 54.913 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 36.56 Mbit/s
95th percentile per-packet one-way delay: 77.605 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 24.00 Mbit/s
95th percentile per-packet one-way delay: 77.793 ms
Loss rate: 2.42%

Run 2: Report of TCP Cubic — Data Link

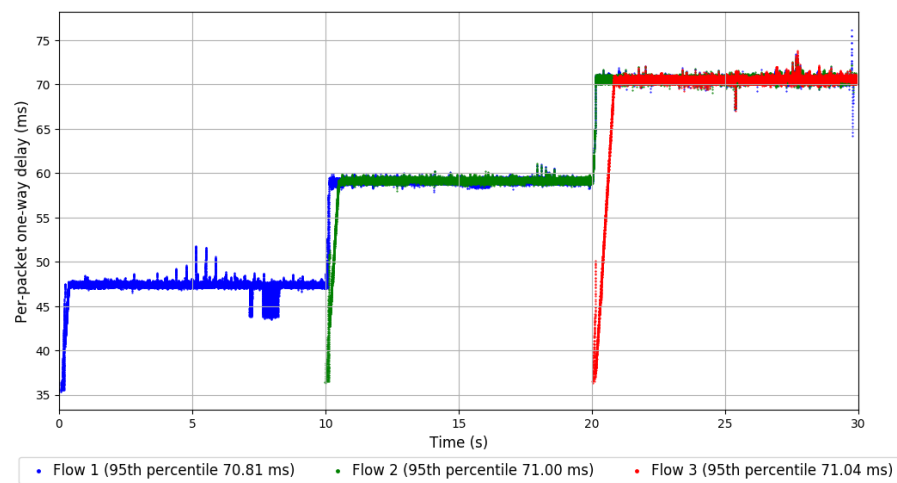
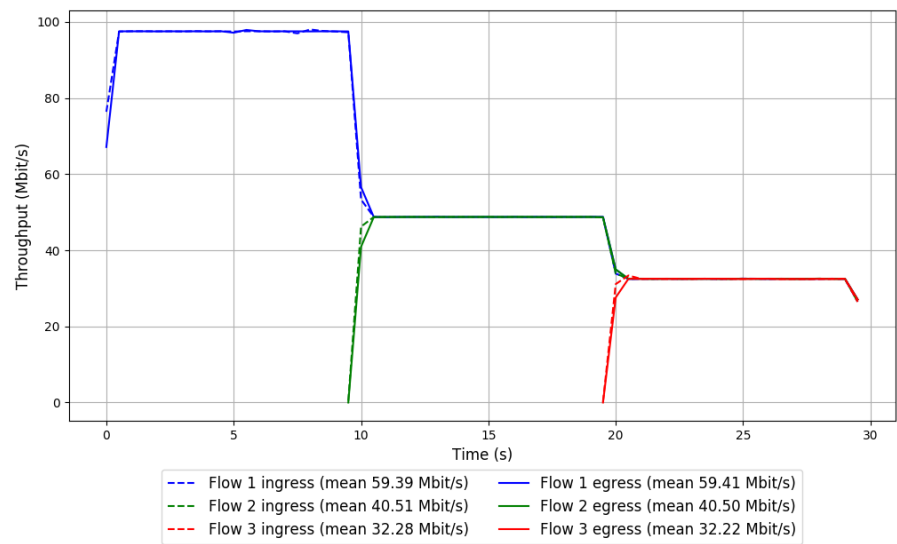


Run 3: Statistics of TCP Cubic

Start at: 2018-01-02 08:01:05
End at: 2018-01-02 08:01:35
Local clock offset: 4.009 ms
Remote clock offset: -12.098 ms

Below is generated by plot.py at 2018-01-02 13:18:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.13 Mbit/s
95th percentile per-packet one-way delay: 70.934 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 59.41 Mbit/s
95th percentile per-packet one-way delay: 70.811 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.50 Mbit/s
95th percentile per-packet one-way delay: 71.001 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 32.22 Mbit/s
95th percentile per-packet one-way delay: 71.042 ms
Loss rate: 0.62%

Run 3: Report of TCP Cubic — Data Link

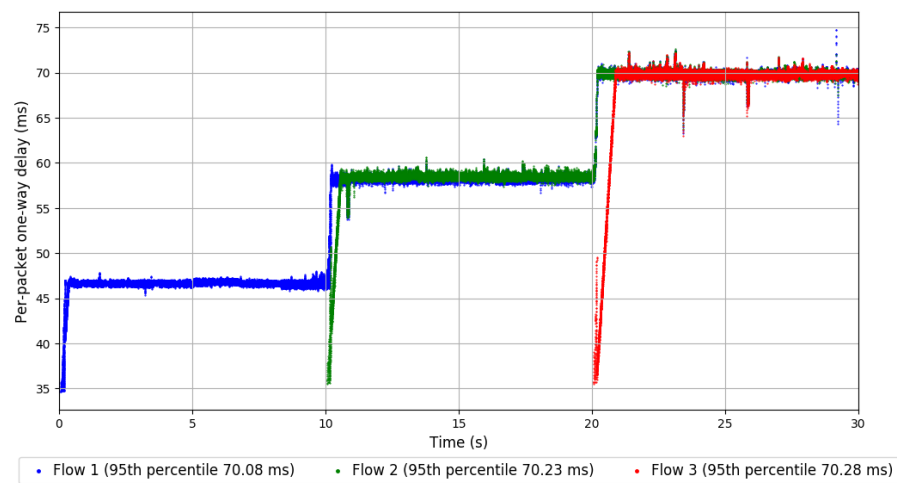
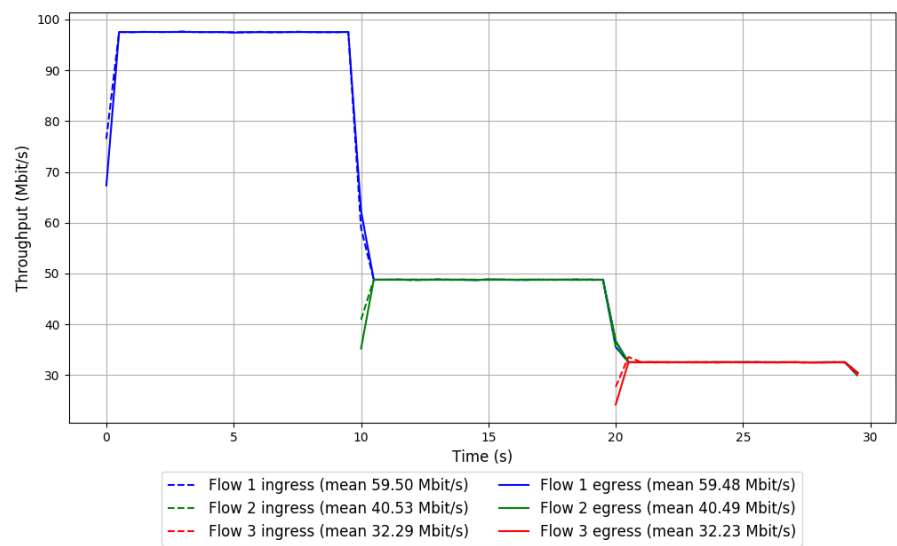


Run 4: Statistics of TCP Cubic

Start at: 2018-01-02 08:19:26
End at: 2018-01-02 08:19:56
Local clock offset: 4.625 ms
Remote clock offset: -11.02 ms

Below is generated by plot.py at 2018-01-02 13:18:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.13 Mbit/s
95th percentile per-packet one-way delay: 70.190 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 59.48 Mbit/s
95th percentile per-packet one-way delay: 70.084 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.49 Mbit/s
95th percentile per-packet one-way delay: 70.226 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 32.23 Mbit/s
95th percentile per-packet one-way delay: 70.278 ms
Loss rate: 0.62%

Run 4: Report of TCP Cubic — Data Link

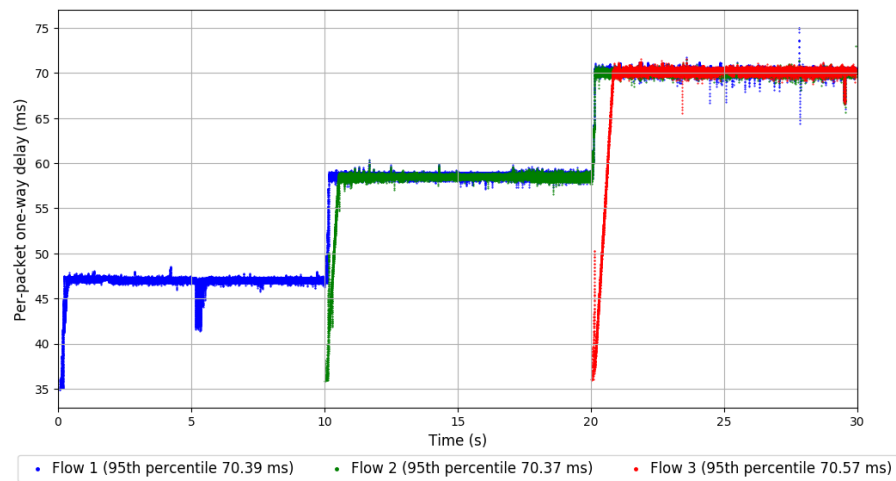
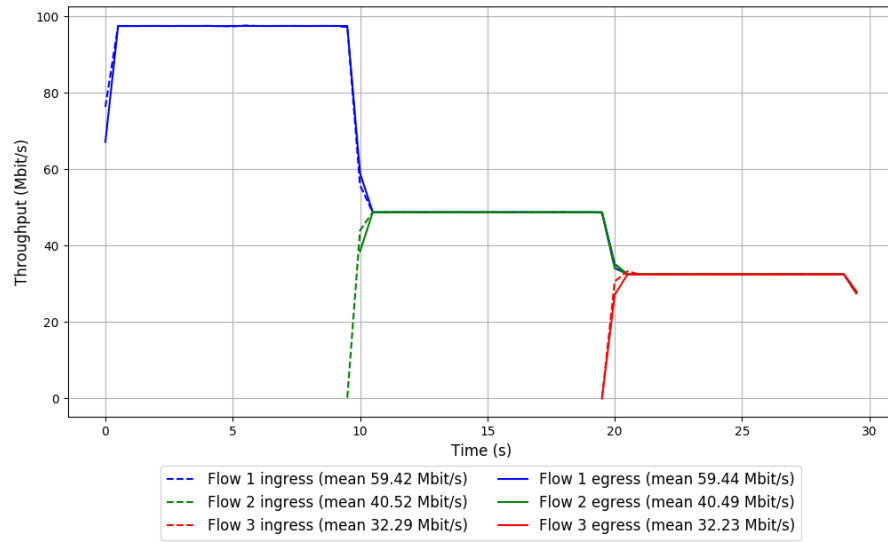


Run 5: Statistics of TCP Cubic

Start at: 2018-01-02 08:37:33
End at: 2018-01-02 08:38:03
Local clock offset: 4.409 ms
Remote clock offset: -11.916 ms

Below is generated by plot.py at 2018-01-02 13:18:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 70.453 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 59.44 Mbit/s
95th percentile per-packet one-way delay: 70.395 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.49 Mbit/s
95th percentile per-packet one-way delay: 70.369 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 32.23 Mbit/s
95th percentile per-packet one-way delay: 70.571 ms
Loss rate: 0.63%

Run 5: Report of TCP Cubic — Data Link

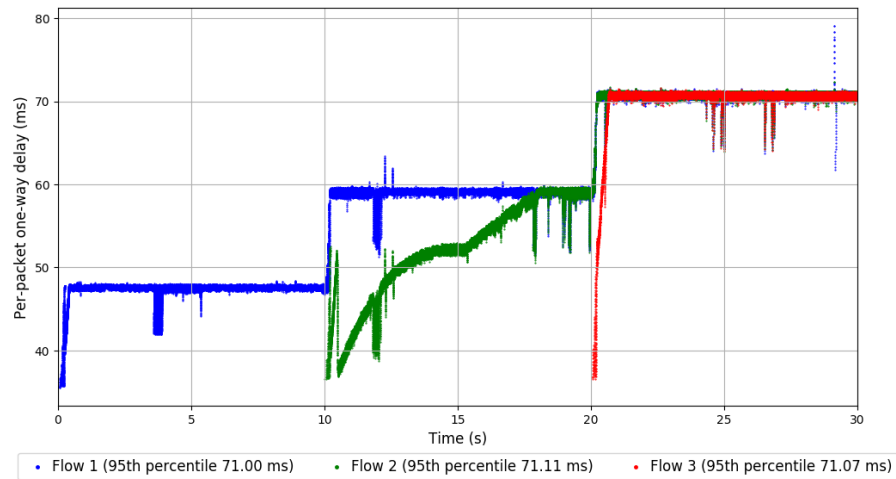
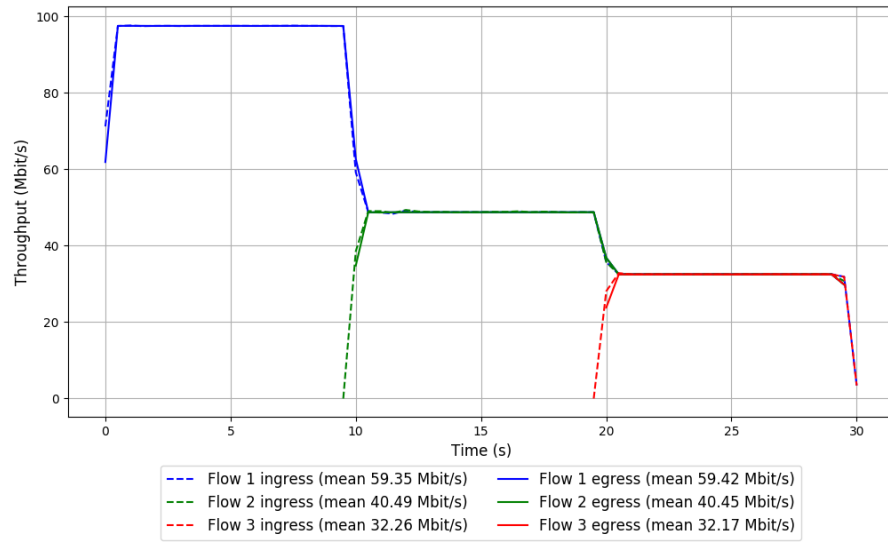


Run 6: Statistics of TCP Cubic

Start at: 2018-01-02 08:55:53
End at: 2018-01-02 08:56:23
Local clock offset: 0.448 ms
Remote clock offset: -13.513 ms

Below is generated by plot.py at 2018-01-02 13:18:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 71.064 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 59.42 Mbit/s
95th percentile per-packet one-way delay: 70.995 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 40.45 Mbit/s
95th percentile per-packet one-way delay: 71.115 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 32.17 Mbit/s
95th percentile per-packet one-way delay: 71.073 ms
Loss rate: 1.55%

Run 6: Report of TCP Cubic — Data Link

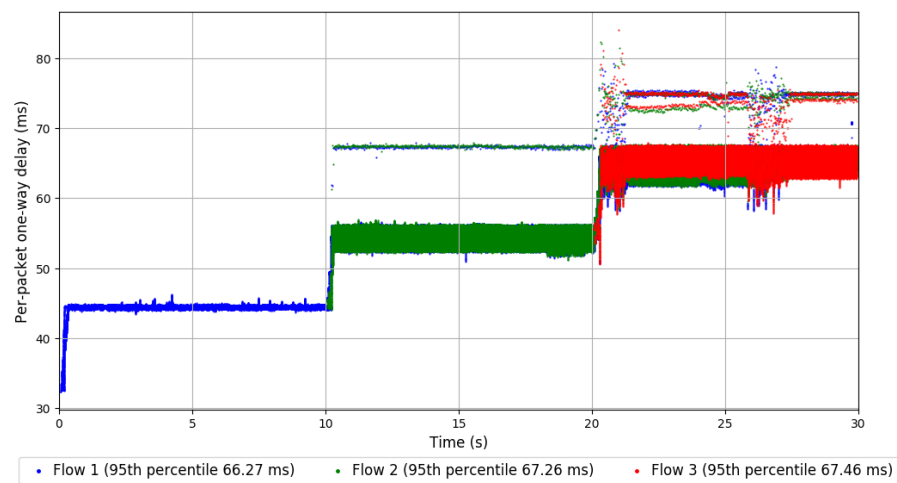
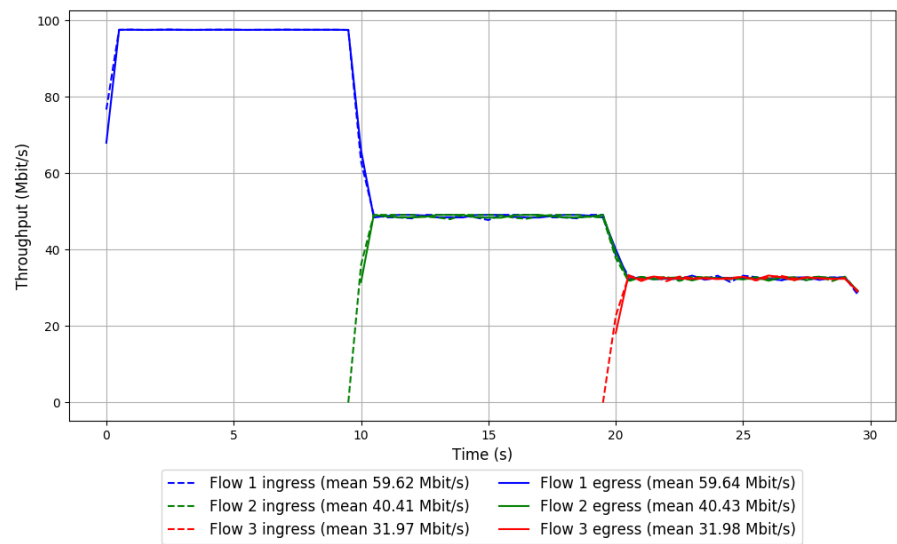


Run 7: Statistics of TCP Cubic

Start at: 2018-01-02 09:13:42
End at: 2018-01-02 09:14:12
Local clock offset: 1.731 ms
Remote clock offset: -14.604 ms

Below is generated by plot.py at 2018-01-02 13:20:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.14 Mbit/s
95th percentile per-packet one-way delay: 67.036 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 59.64 Mbit/s
95th percentile per-packet one-way delay: 66.268 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 40.43 Mbit/s
95th percentile per-packet one-way delay: 67.264 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 31.98 Mbit/s
95th percentile per-packet one-way delay: 67.461 ms
Loss rate: 0.66%

Run 7: Report of TCP Cubic — Data Link

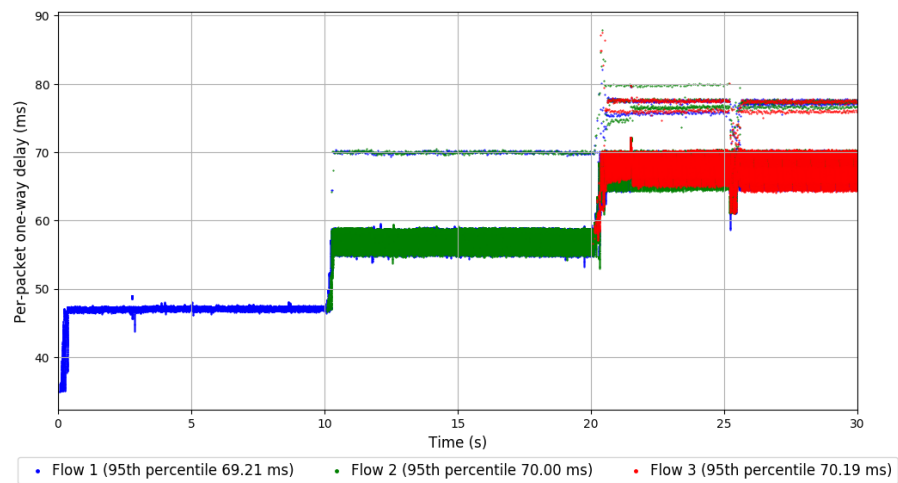
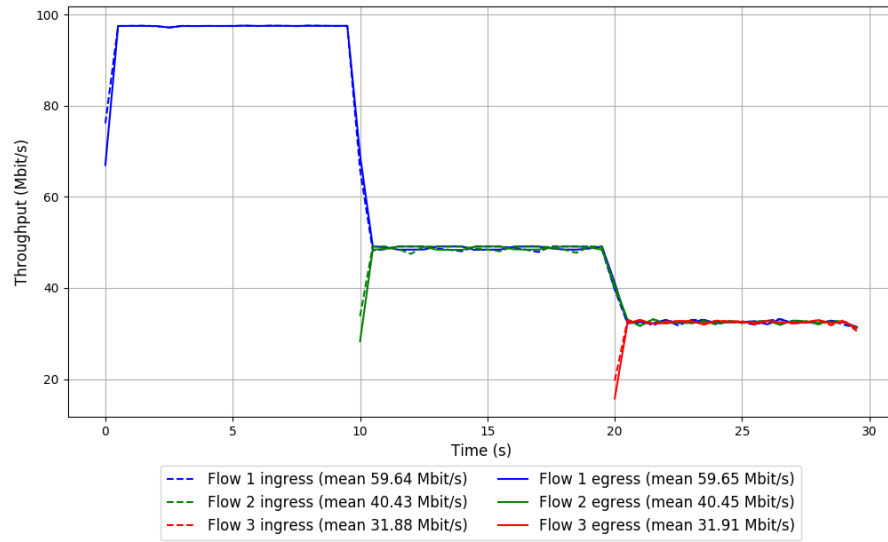


Run 8: Statistics of TCP Cubic

Start at: 2018-01-02 09:31:37
End at: 2018-01-02 09:32:07
Local clock offset: 3.431 ms
Remote clock offset: -15.628 ms

Below is generated by plot.py at 2018-01-02 13:20:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 69.912 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 59.65 Mbit/s
95th percentile per-packet one-way delay: 69.209 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.45 Mbit/s
95th percentile per-packet one-way delay: 70.003 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 31.91 Mbit/s
95th percentile per-packet one-way delay: 70.189 ms
Loss rate: 0.59%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: 2018-01-02 09:49:24

End at: 2018-01-02 09:49:54

Local clock offset: 2.565 ms

Remote clock offset: -15.289 ms

Run 9: Report of TCP Cubic — Data Link

Figure is missing

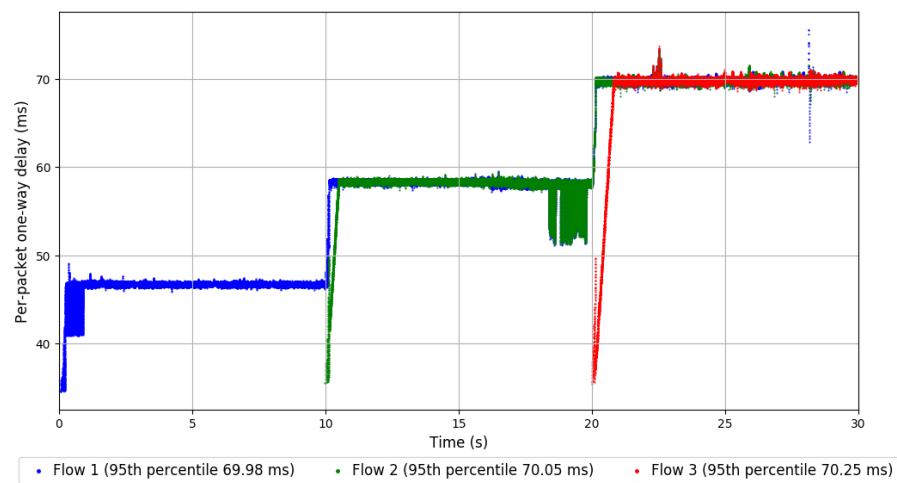
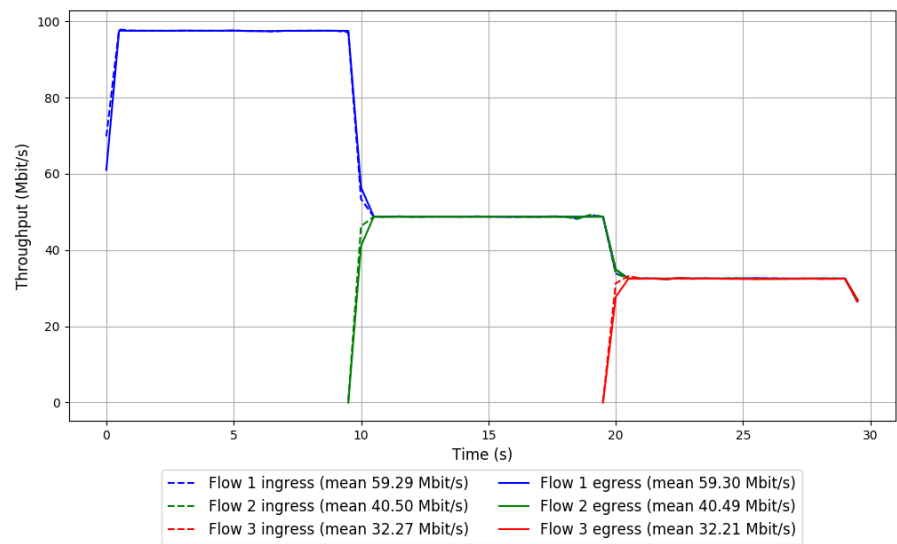
Figure is missing

Run 10: Statistics of TCP Cubic

Start at: 2018-01-02 10:07:16
End at: 2018-01-02 10:07:46
Local clock offset: 2.0 ms
Remote clock offset: -16.393 ms

Below is generated by plot.py at 2018-01-02 13:20:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.01 Mbit/s
95th percentile per-packet one-way delay: 70.070 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 59.30 Mbit/s
95th percentile per-packet one-way delay: 69.983 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.49 Mbit/s
95th percentile per-packet one-way delay: 70.050 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 32.21 Mbit/s
95th percentile per-packet one-way delay: 70.251 ms
Loss rate: 0.62%

Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of LEDBAT

Start at: 2018-01-02 07:23:18

End at: 2018-01-02 07:23:48

Local clock offset: 3.485 ms

Remote clock offset: -10.731 ms

Run 1: Report of LEDBAT — Data Link

Figure is missing

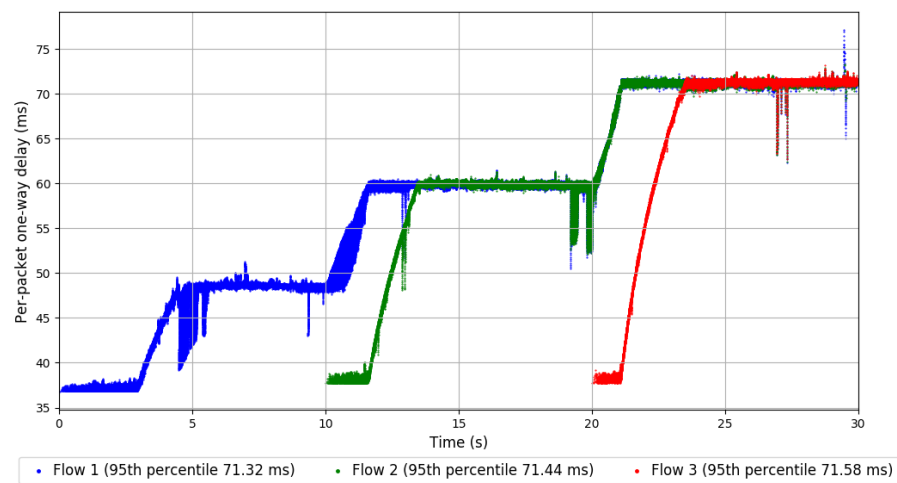
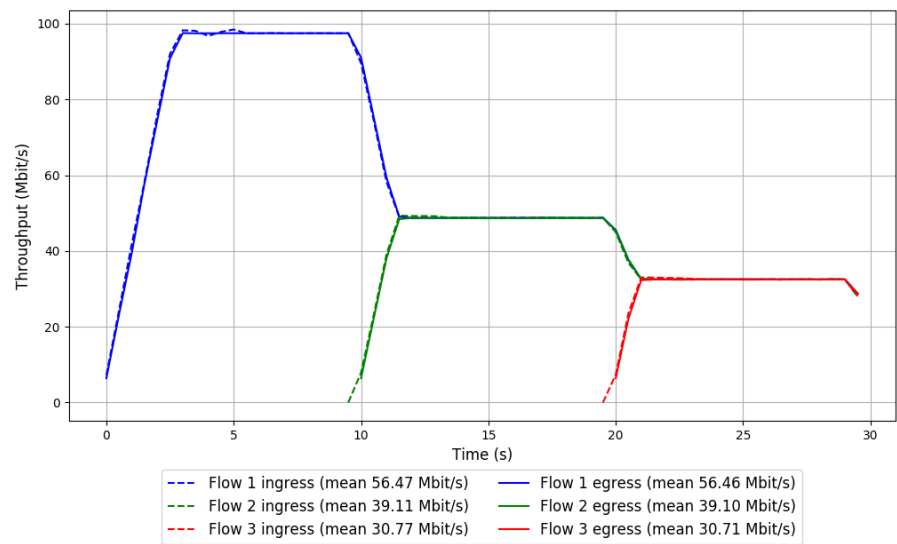
Figure is missing

Run 2: Statistics of LEDBAT

Start at: 2018-01-02 07:41:33
End at: 2018-01-02 07:42:03
Local clock offset: 4.561 ms
Remote clock offset: -12.33 ms

Below is generated by plot.py at 2018-01-02 13:20:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.70 Mbit/s
95th percentile per-packet one-way delay: 71.452 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 56.46 Mbit/s
95th percentile per-packet one-way delay: 71.322 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 39.10 Mbit/s
95th percentile per-packet one-way delay: 71.439 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 30.71 Mbit/s
95th percentile per-packet one-way delay: 71.576 ms
Loss rate: 0.64%

Run 2: Report of LEDBAT — Data Link

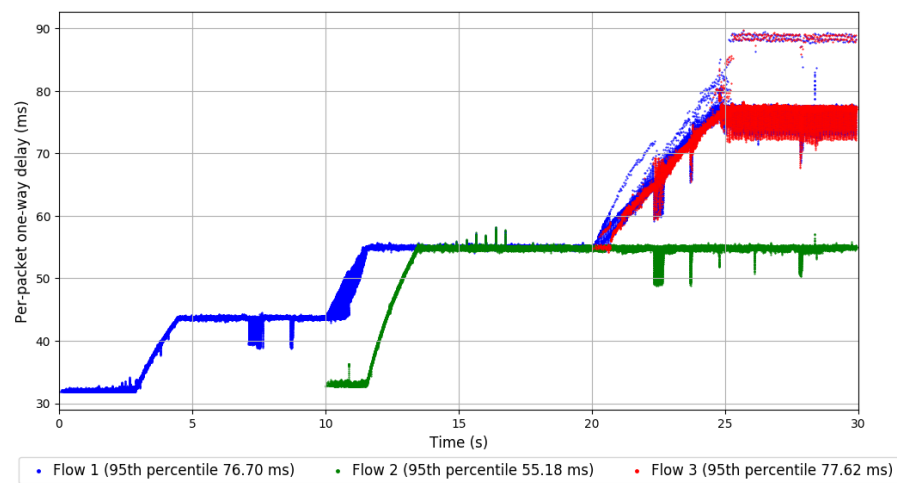
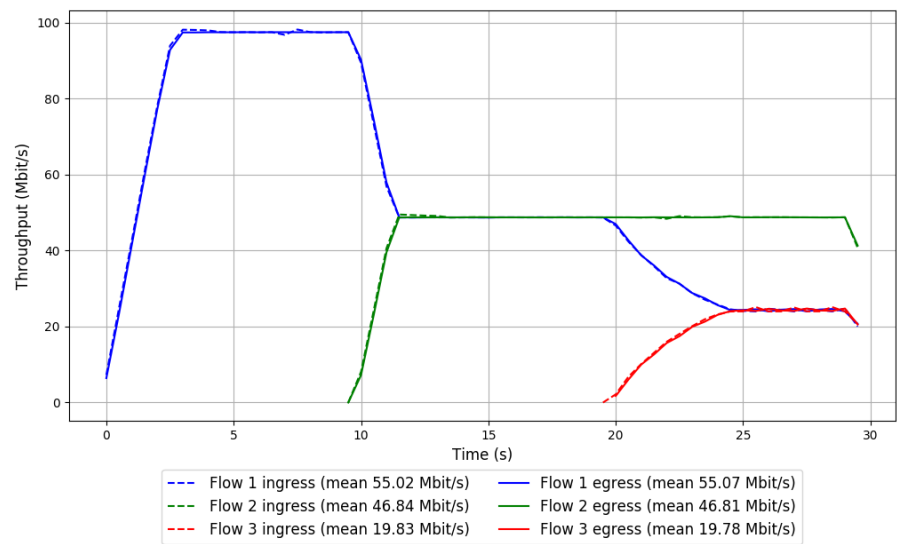


Run 3: Statistics of LEDBAT

Start at: 2018-01-02 07:59:49
End at: 2018-01-02 08:00:19
Local clock offset: 1.452 ms
Remote clock offset: -10.983 ms

Below is generated by plot.py at 2018-01-02 13:20:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.82 Mbit/s
95th percentile per-packet one-way delay: 77.084 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 55.07 Mbit/s
95th percentile per-packet one-way delay: 76.701 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 46.81 Mbit/s
95th percentile per-packet one-way delay: 55.180 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 19.78 Mbit/s
95th percentile per-packet one-way delay: 77.622 ms
Loss rate: 0.93%

Run 3: Report of LEDBAT — Data Link

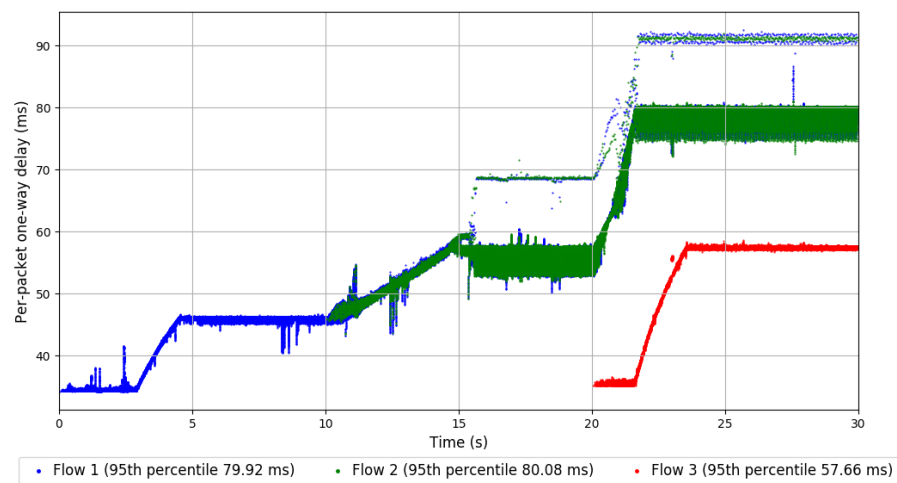
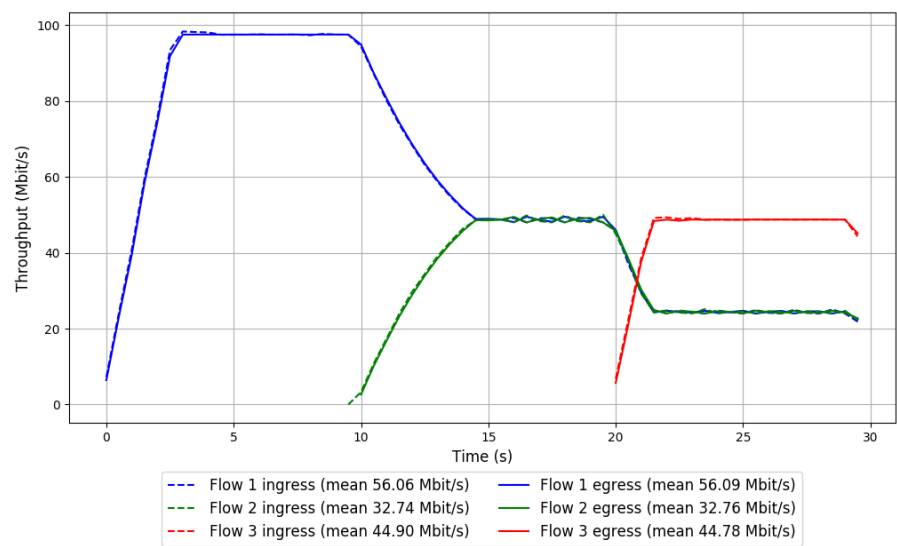


Run 4: Statistics of LEDBAT

Start at: 2018-01-02 08:18:11
End at: 2018-01-02 08:18:41
Local clock offset: 3.948 ms
Remote clock offset: -11.256 ms

Below is generated by plot.py at 2018-01-02 13:20:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.72 Mbit/s
95th percentile per-packet one-way delay: 79.966 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 56.09 Mbit/s
95th percentile per-packet one-way delay: 79.917 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 32.76 Mbit/s
95th percentile per-packet one-way delay: 80.077 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 44.78 Mbit/s
95th percentile per-packet one-way delay: 57.664 ms
Loss rate: 0.54%

Run 4: Report of LEDBAT — Data Link

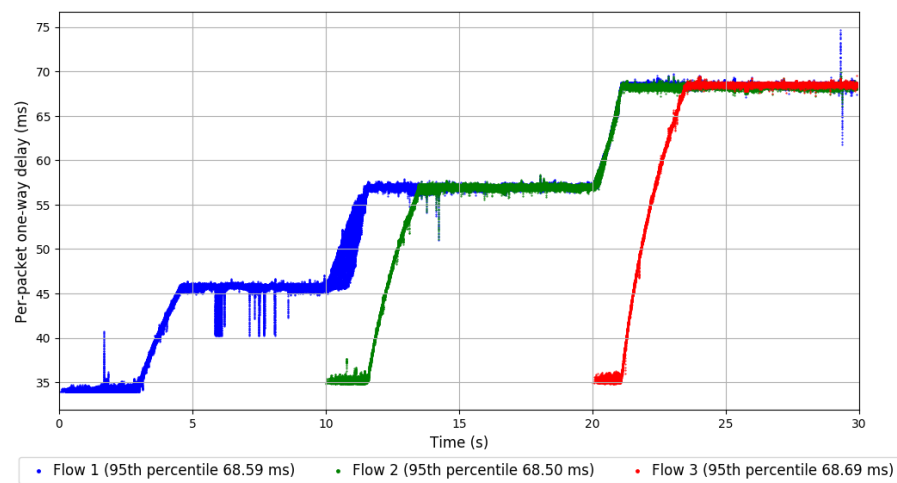
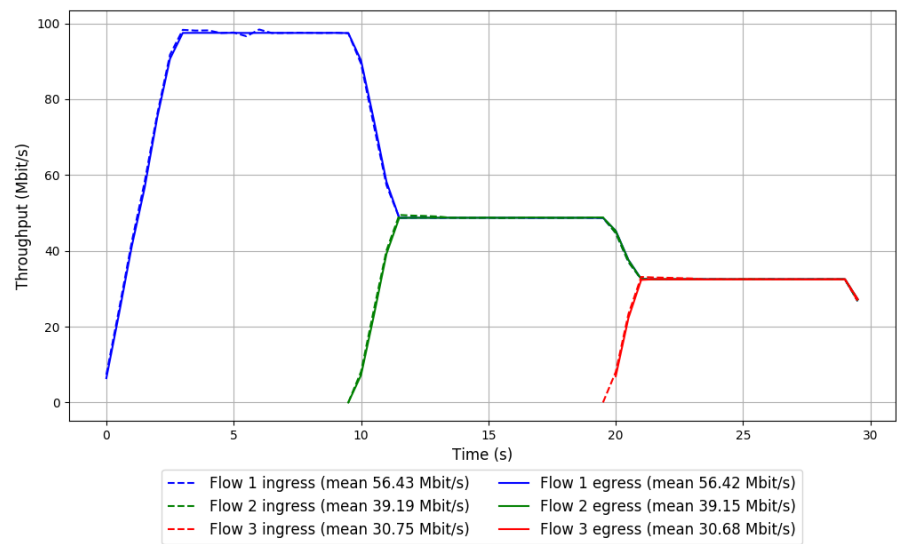


Run 5: Statistics of LEDBAT

Start at: 2018-01-02 08:36:20
End at: 2018-01-02 08:36:50
Local clock offset: 4.511 ms
Remote clock offset: -10.711 ms

Below is generated by plot.py at 2018-01-02 13:20:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.70 Mbit/s
95th percentile per-packet one-way delay: 68.605 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 56.42 Mbit/s
95th percentile per-packet one-way delay: 68.589 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 39.15 Mbit/s
95th percentile per-packet one-way delay: 68.505 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 30.68 Mbit/s
95th percentile per-packet one-way delay: 68.689 ms
Loss rate: 0.64%

Run 5: Report of LEDBAT — Data Link

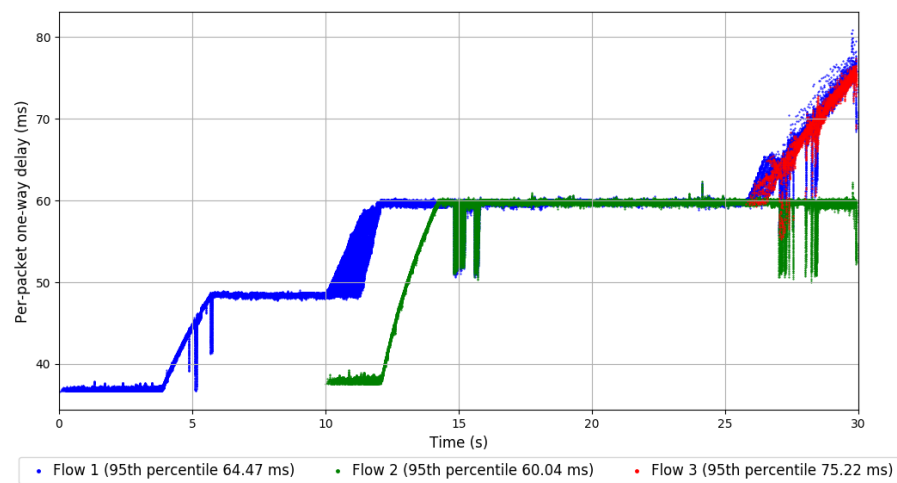
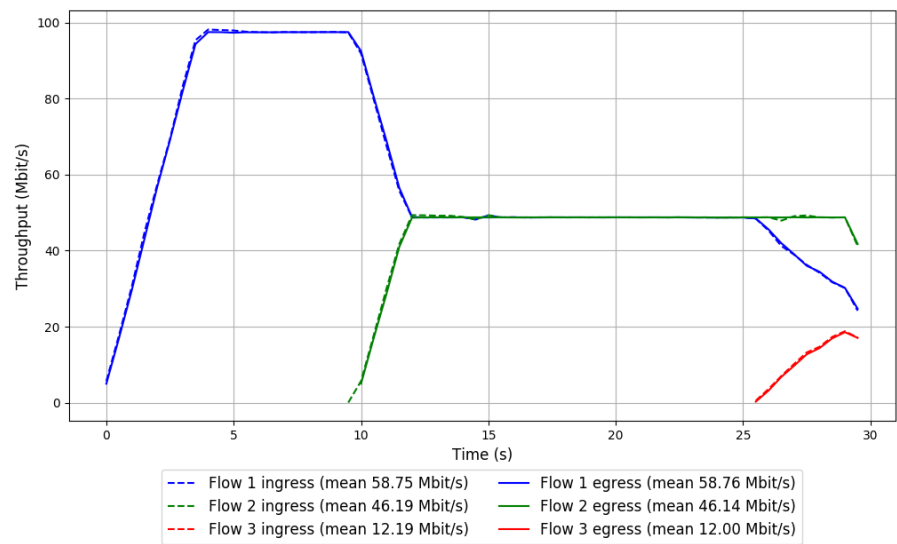


Run 6: Statistics of LEDBAT

Start at: 2018-01-02 08:54:40
End at: 2018-01-02 08:55:10
Local clock offset: 1.284 ms
Remote clock offset: -13.592 ms

Below is generated by plot.py at 2018-01-02 13:20:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.18 Mbit/s
95th percentile per-packet one-way delay: 64.004 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 58.76 Mbit/s
95th percentile per-packet one-way delay: 64.472 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 46.14 Mbit/s
95th percentile per-packet one-way delay: 60.039 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 12.00 Mbit/s
95th percentile per-packet one-way delay: 75.225 ms
Loss rate: 2.87%

Run 6: Report of LEDBAT — Data Link

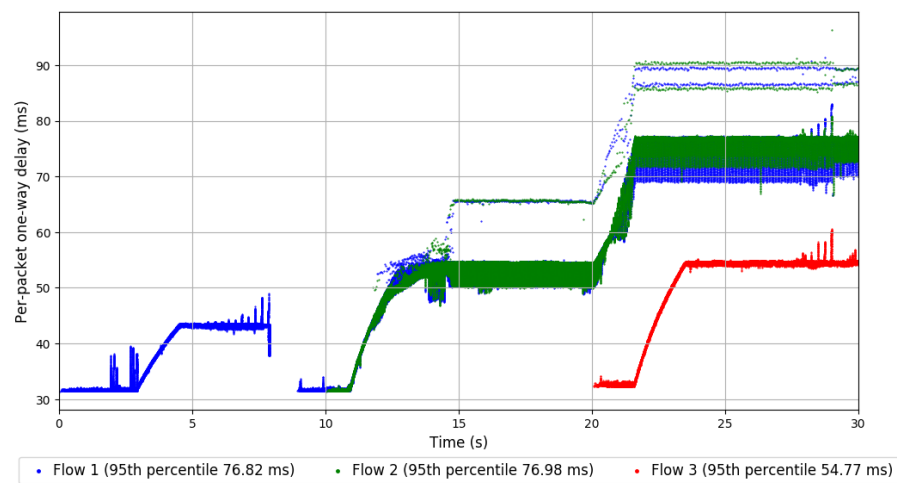
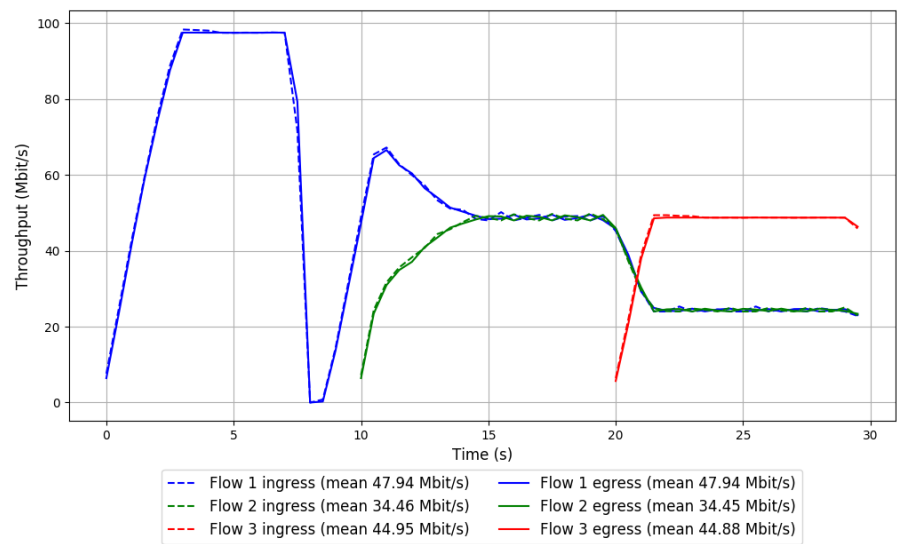


Run 7: Statistics of LEDBAT

Start at: 2018-01-02 09:12:31
End at: 2018-01-02 09:13:01
Local clock offset: 0.332 ms
Remote clock offset: -14.852 ms

Below is generated by plot.py at 2018-01-02 13:21:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.74 Mbit/s
95th percentile per-packet one-way delay: 76.849 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 47.94 Mbit/s
95th percentile per-packet one-way delay: 76.820 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 34.45 Mbit/s
95th percentile per-packet one-way delay: 76.976 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 44.88 Mbit/s
95th percentile per-packet one-way delay: 54.769 ms
Loss rate: 0.54%

Run 7: Report of LEDBAT — Data Link

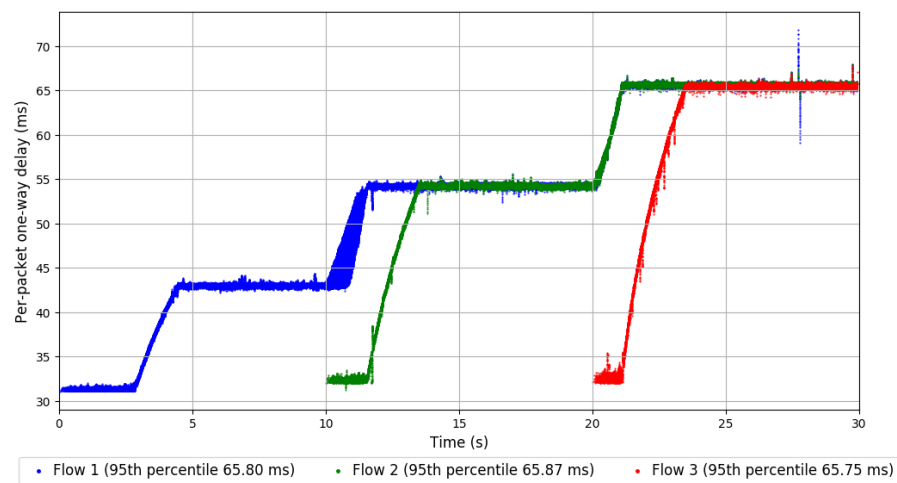
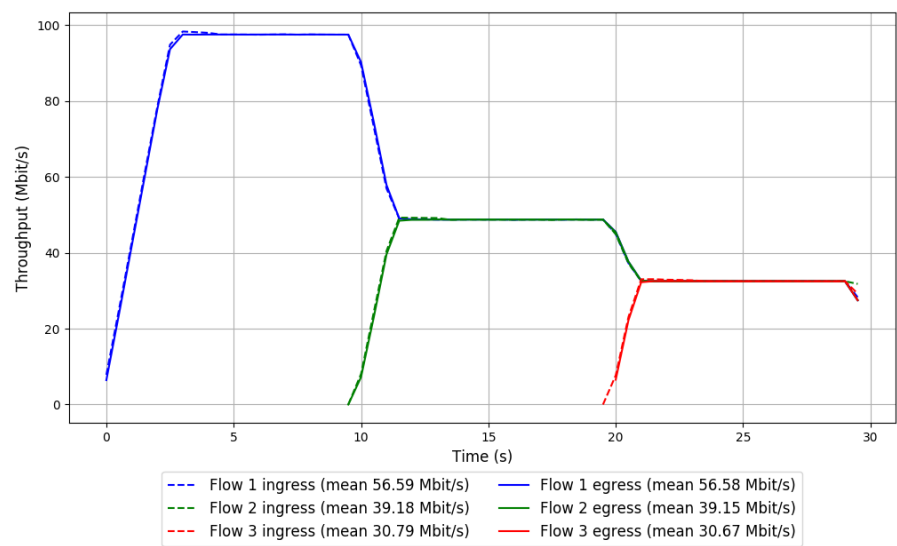


Run 8: Statistics of LEDBAT

Start at: 2018-01-02 09:30:23
End at: 2018-01-02 09:30:53
Local clock offset: 1.651 ms
Remote clock offset: -13.495 ms

Below is generated by plot.py at 2018-01-02 13:21:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.86 Mbit/s
95th percentile per-packet one-way delay: 65.823 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 56.58 Mbit/s
95th percentile per-packet one-way delay: 65.796 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 39.15 Mbit/s
95th percentile per-packet one-way delay: 65.869 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 30.67 Mbit/s
95th percentile per-packet one-way delay: 65.754 ms
Loss rate: 0.97%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: 2018-01-02 09:48:09

End at: 2018-01-02 09:48:39

Local clock offset: 3.881 ms

Remote clock offset: -15.8 ms

Below is generated by plot.py at 2018-01-02 13:21:43

Datalink statistics

-- Total of 3 flows:

Average throughput: 92.80 Mbit/s

95th percentile per-packet one-way delay: 70.116 ms

Loss rate: 0.21%

-- Flow 1:

Average throughput: 59.39 Mbit/s

95th percentile per-packet one-way delay: 69.959 ms

Loss rate: 0.11%

-- Flow 2:

Average throughput: 43.52 Mbit/s

95th percentile per-packet one-way delay: 70.205 ms

Loss rate: 0.23%

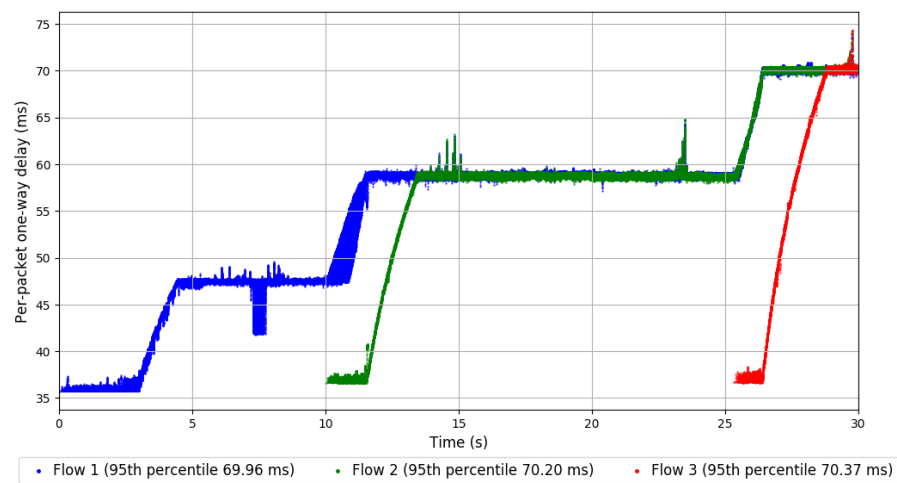
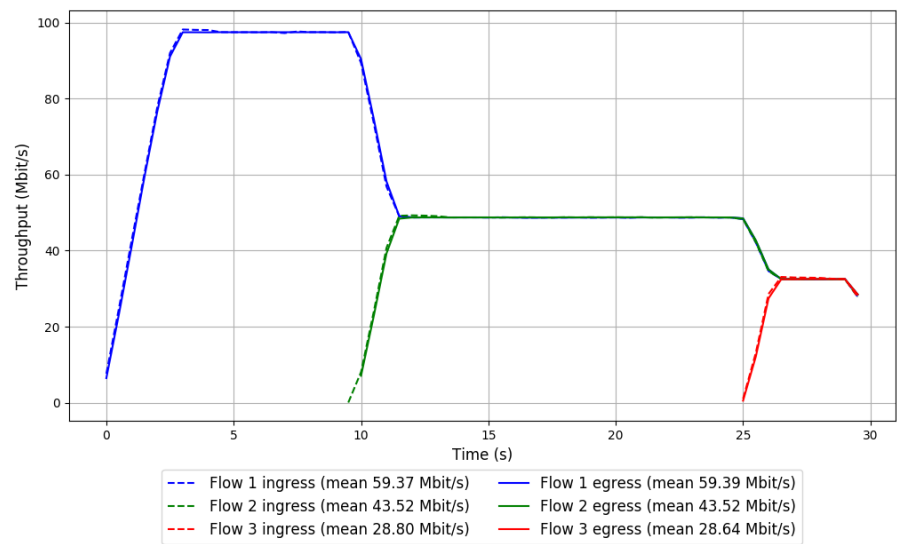
-- Flow 3:

Average throughput: 28.64 Mbit/s

95th percentile per-packet one-way delay: 70.373 ms

Loss rate: 1.47%

Run 9: Report of LEDBAT — Data Link

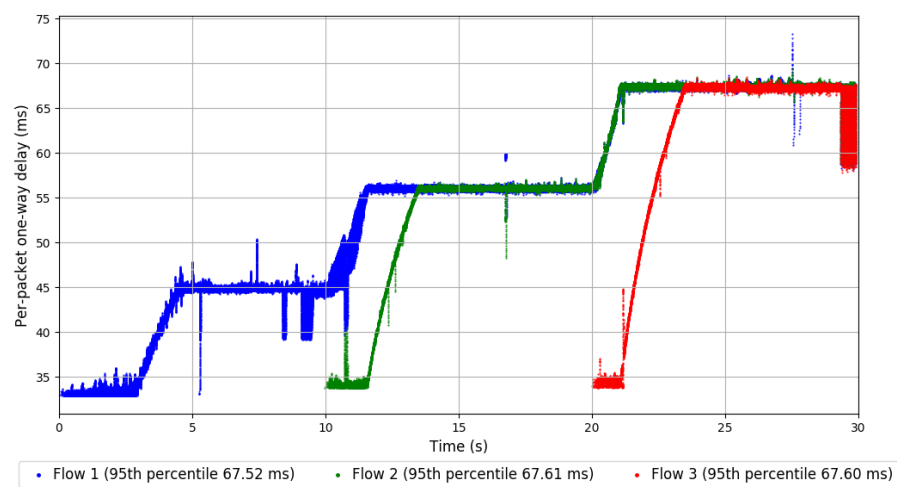
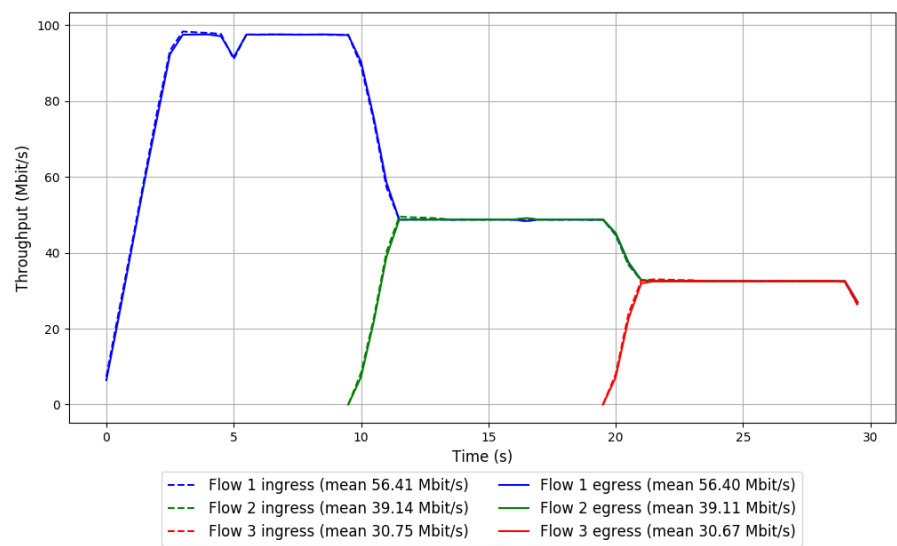


Run 10: Statistics of LEDBAT

Start at: 2018-01-02 10:05:59
End at: 2018-01-02 10:06:29
Local clock offset: 2.372 ms
Remote clock offset: -14.266 ms

Below is generated by plot.py at 2018-01-02 13:21:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.67 Mbit/s
95th percentile per-packet one-way delay: 67.571 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 56.40 Mbit/s
95th percentile per-packet one-way delay: 67.517 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 39.11 Mbit/s
95th percentile per-packet one-way delay: 67.613 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 30.67 Mbit/s
95th percentile per-packet one-way delay: 67.600 ms
Loss rate: 0.56%

Run 10: Report of LEDBAT — Data Link

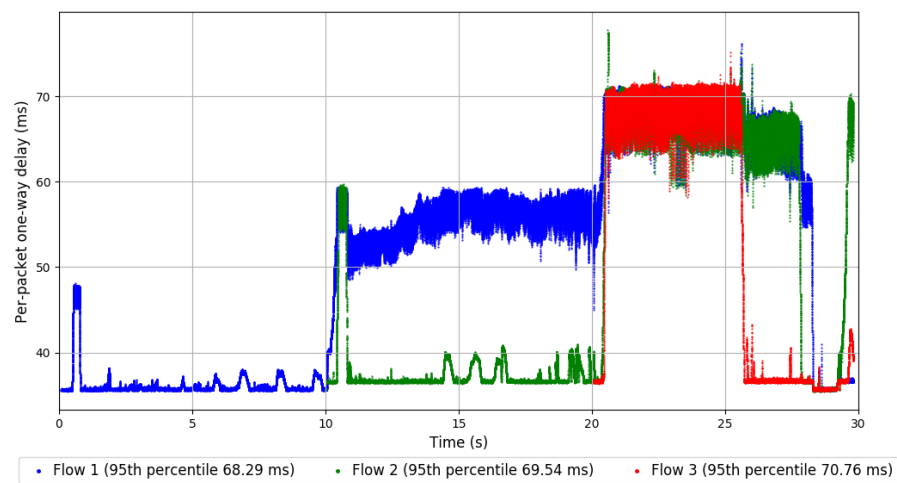
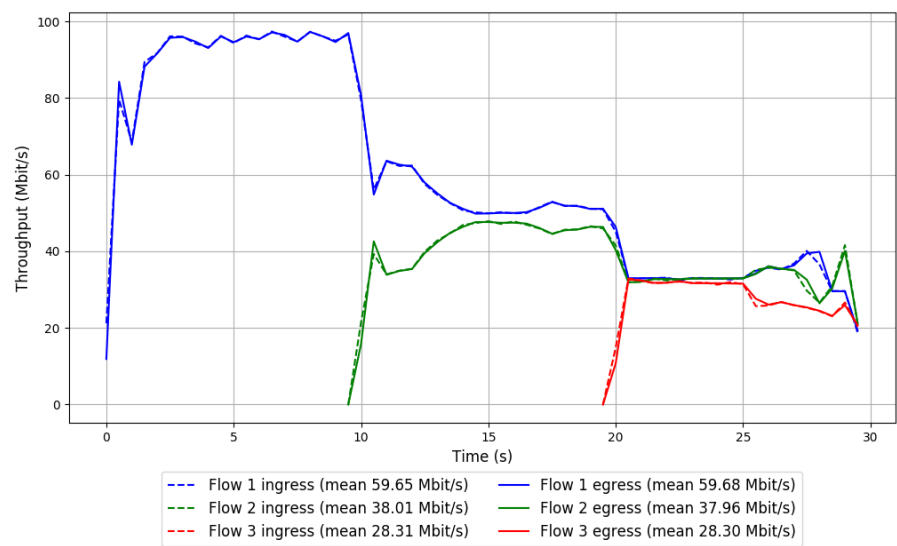


Run 1: Statistics of PCC

Start at: 2018-01-02 07:18:26
End at: 2018-01-02 07:18:56
Local clock offset: 3.705 ms
Remote clock offset: -11.829 ms

Below is generated by plot.py at 2018-01-02 13:21:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.29 Mbit/s
95th percentile per-packet one-way delay: 69.464 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 59.68 Mbit/s
95th percentile per-packet one-way delay: 68.287 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 37.96 Mbit/s
95th percentile per-packet one-way delay: 69.540 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 28.30 Mbit/s
95th percentile per-packet one-way delay: 70.761 ms
Loss rate: 0.37%

Run 1: Report of PCC — Data Link

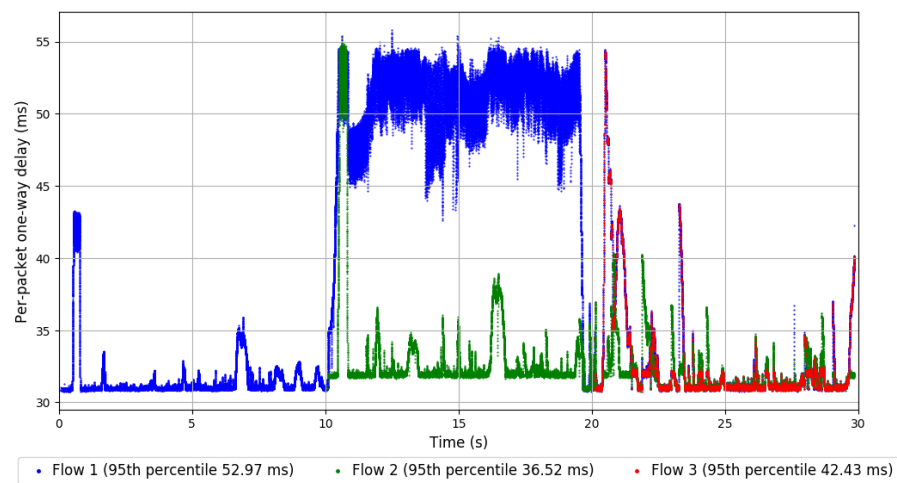
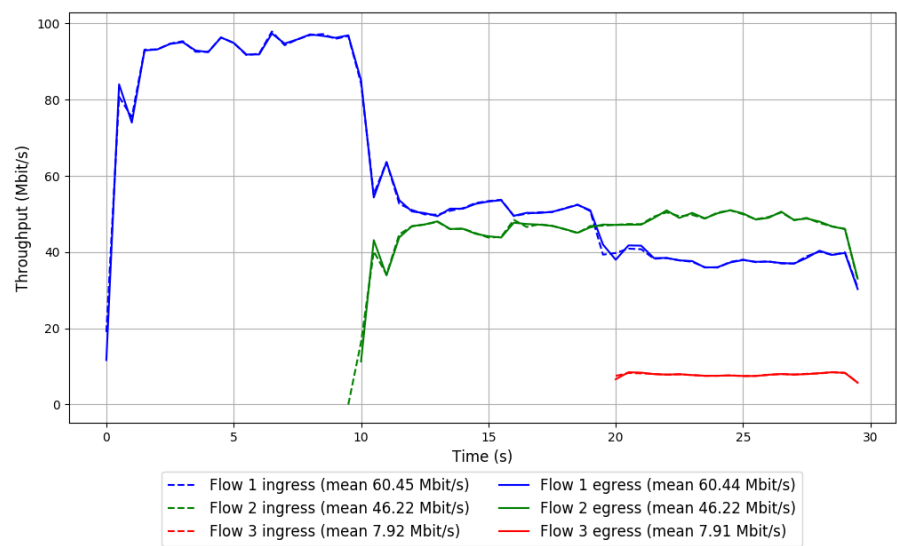


Run 2: Statistics of PCC

Start at: 2018-01-02 07:36:43
End at: 2018-01-02 07:37:13
Local clock offset: 0.718 ms
Remote clock offset: -10.066 ms

Below is generated by plot.py at 2018-01-02 13:21:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.78 Mbit/s
95th percentile per-packet one-way delay: 52.536 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 60.44 Mbit/s
95th percentile per-packet one-way delay: 52.973 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 46.22 Mbit/s
95th percentile per-packet one-way delay: 36.523 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 7.91 Mbit/s
95th percentile per-packet one-way delay: 42.431 ms
Loss rate: 0.38%

Run 2: Report of PCC — Data Link

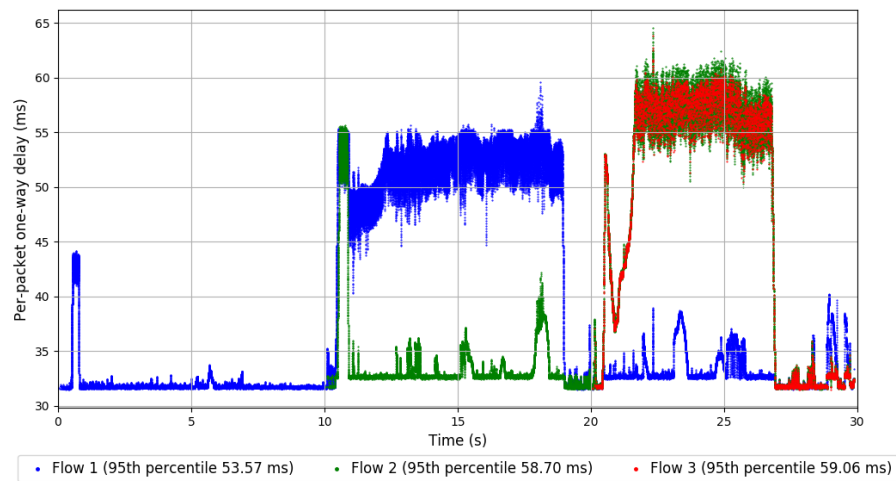
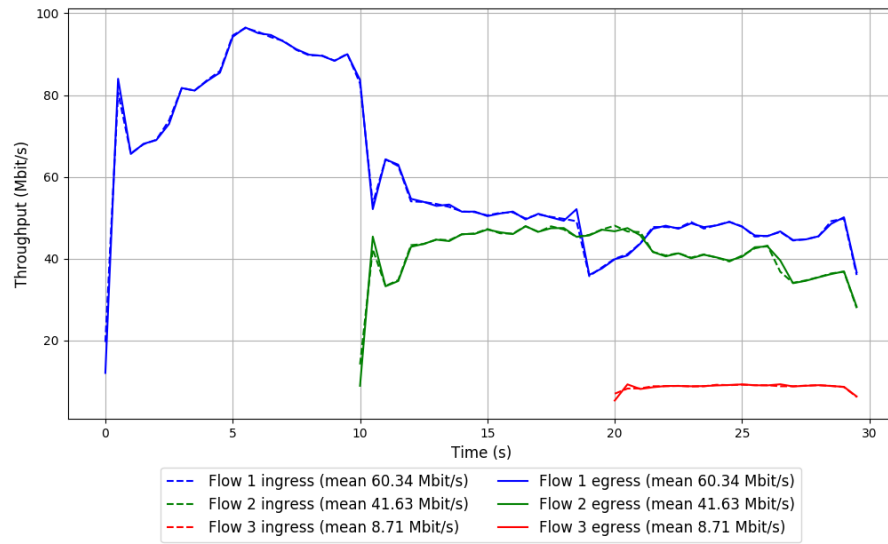


Run 3: Statistics of PCC

Start at: 2018-01-02 07:54:57
End at: 2018-01-02 07:55:27
Local clock offset: 2.274 ms
Remote clock offset: -9.983 ms

Below is generated by plot.py at 2018-01-02 13:21:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.87 Mbit/s
95th percentile per-packet one-way delay: 57.102 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 60.34 Mbit/s
95th percentile per-packet one-way delay: 53.568 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 41.63 Mbit/s
95th percentile per-packet one-way delay: 58.698 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 8.71 Mbit/s
95th percentile per-packet one-way delay: 59.056 ms
Loss rate: 0.25%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

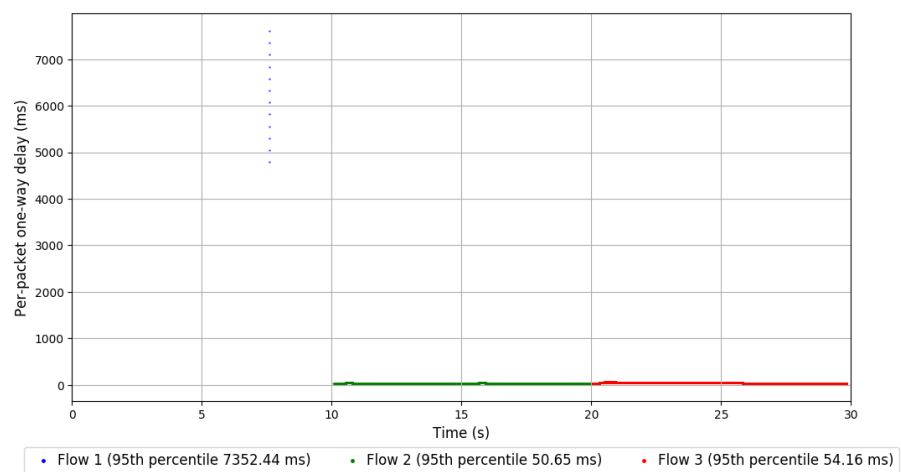
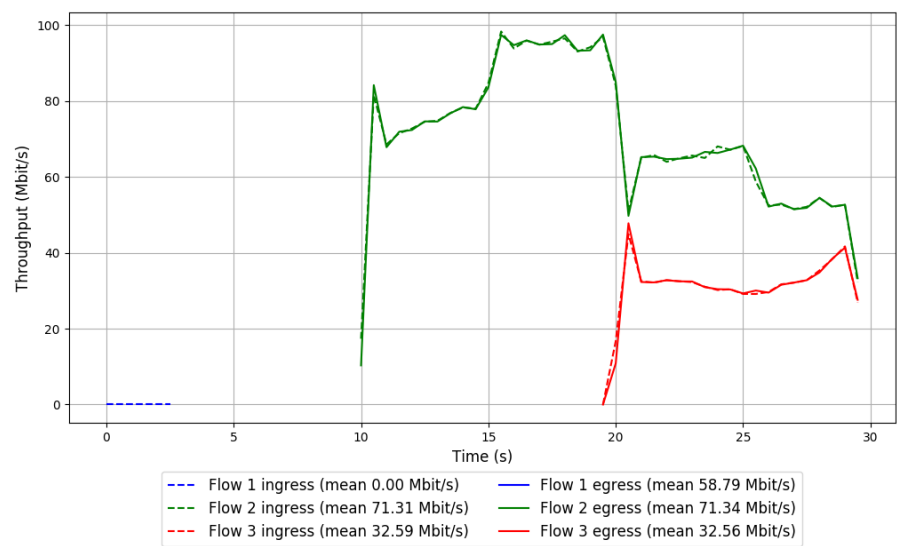
Start at: 2018-01-02 08:13:08

End at: 2018-01-02 08:13:38

Local clock offset: 4.625 ms

Remote clock offset: -10.137 ms

Run 4: Report of PCC — Data Link

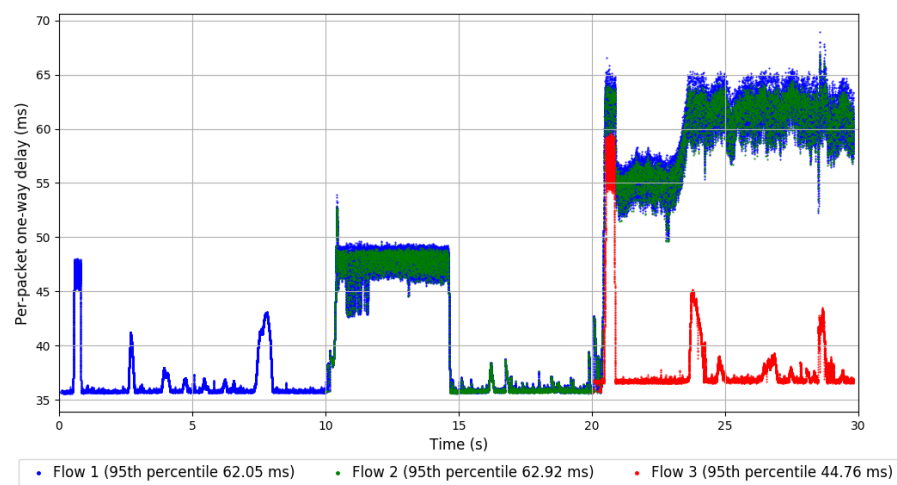
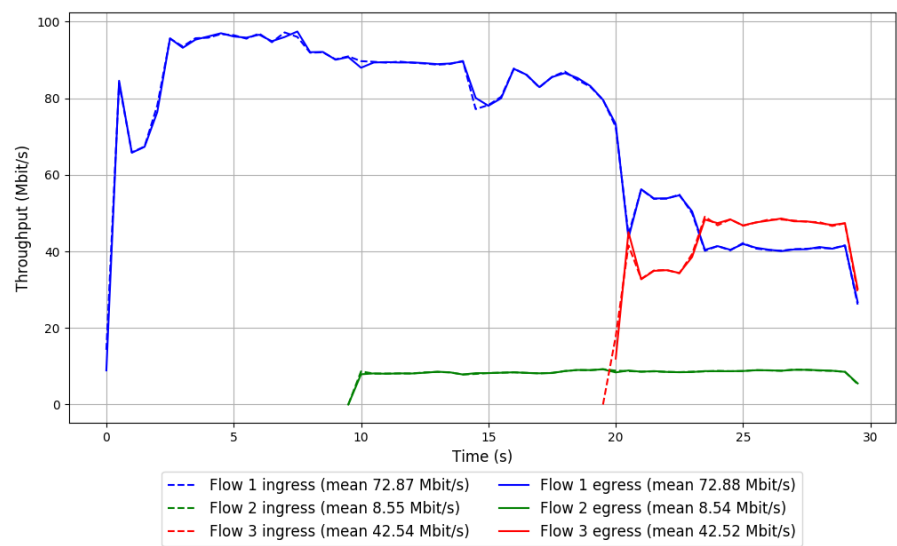


Run 5: Statistics of PCC

Start at: 2018-01-02 08:31:32
End at: 2018-01-02 08:32:02
Local clock offset: 5.032 ms
Remote clock offset: -11.894 ms

Below is generated by plot.py at 2018-01-02 13:22:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.58 Mbit/s
95th percentile per-packet one-way delay: 61.972 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 72.88 Mbit/s
95th percentile per-packet one-way delay: 62.054 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 8.54 Mbit/s
95th percentile per-packet one-way delay: 62.925 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 42.52 Mbit/s
95th percentile per-packet one-way delay: 44.759 ms
Loss rate: 0.30%

Run 5: Report of PCC — Data Link

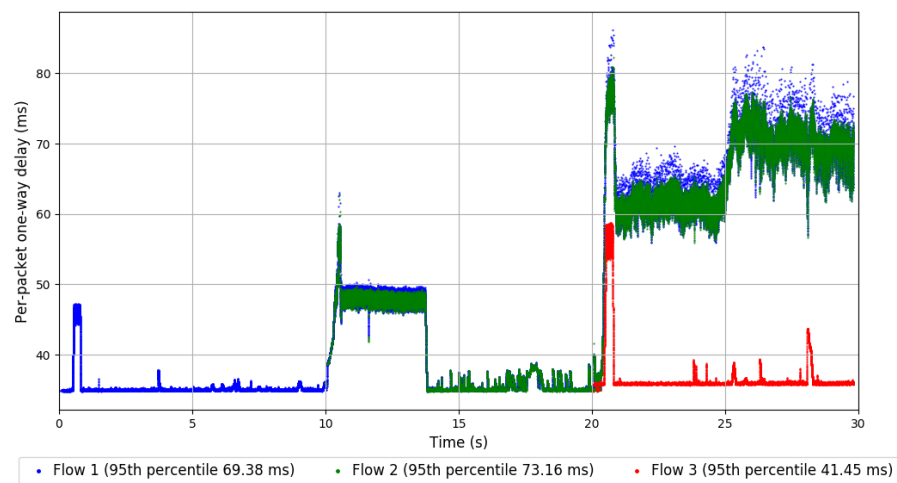
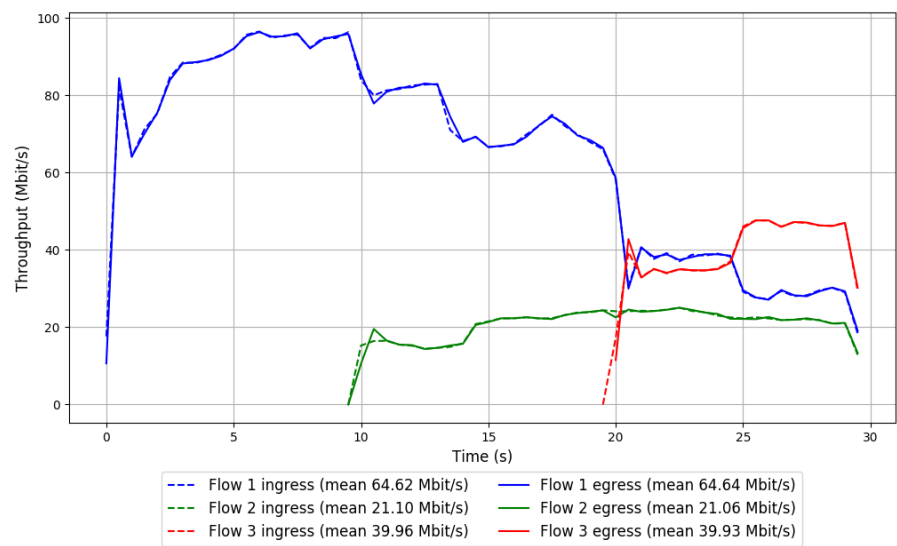


Run 6: Statistics of PCC

Start at: 2018-01-02 08:49:50
End at: 2018-01-02 08:50:20
Local clock offset: 4.016 ms
Remote clock offset: -13.245 ms

Below is generated by plot.py at 2018-01-02 13:22:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.81 Mbit/s
95th percentile per-packet one-way delay: 70.391 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 64.64 Mbit/s
95th percentile per-packet one-way delay: 69.379 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 21.06 Mbit/s
95th percentile per-packet one-way delay: 73.156 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 39.93 Mbit/s
95th percentile per-packet one-way delay: 41.445 ms
Loss rate: 0.33%

Run 6: Report of PCC — Data Link

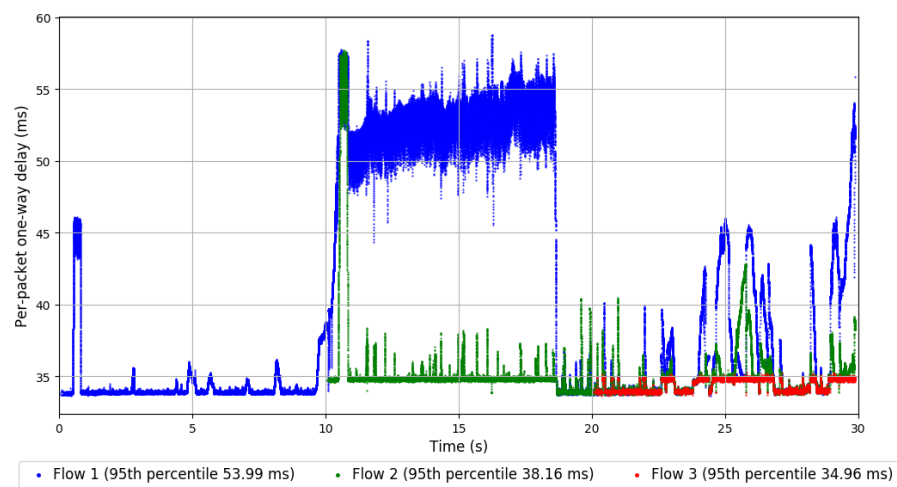
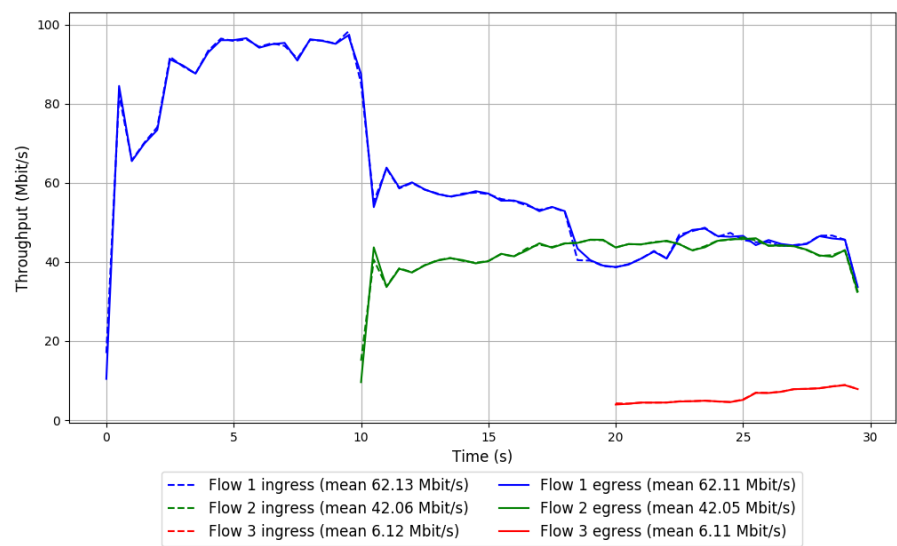


Run 7: Statistics of PCC

Start at: 2018-01-02 09:07:43
End at: 2018-01-02 09:08:13
Local clock offset: 3.084 ms
Remote clock offset: -14.289 ms

Below is generated by plot.py at 2018-01-02 13:23:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.07 Mbit/s
95th percentile per-packet one-way delay: 53.613 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 62.11 Mbit/s
95th percentile per-packet one-way delay: 53.987 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 42.05 Mbit/s
95th percentile per-packet one-way delay: 38.165 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 6.11 Mbit/s
95th percentile per-packet one-way delay: 34.963 ms
Loss rate: 0.56%

Run 7: Report of PCC — Data Link

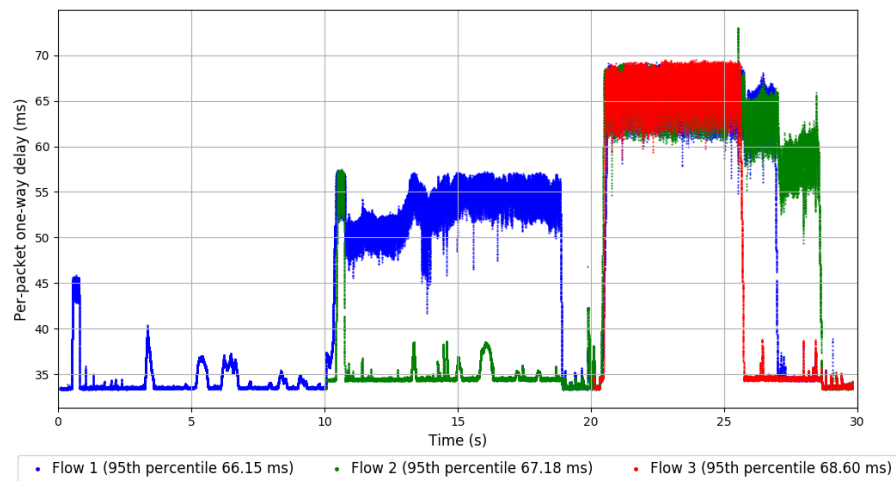
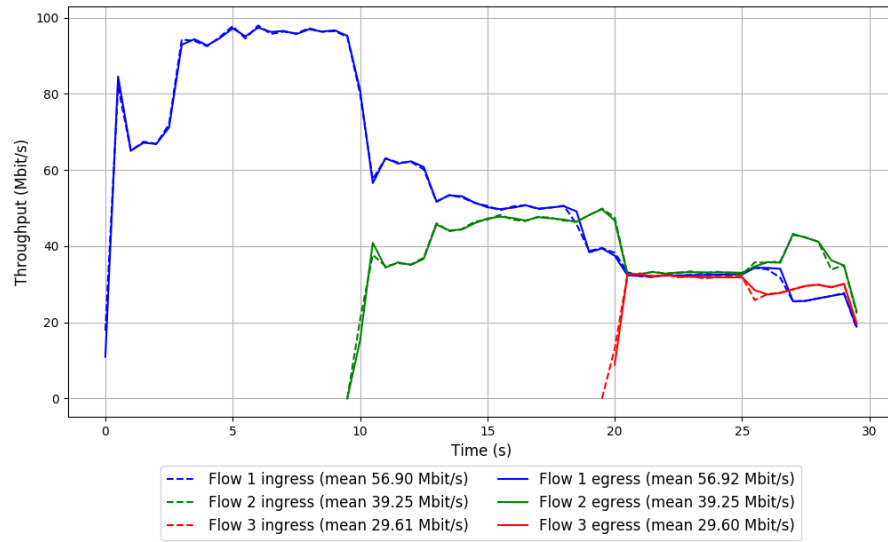


Run 8: Statistics of PCC

Start at: 2018-01-02 09:25:40
End at: 2018-01-02 09:26:10
Local clock offset: 3.441 ms
Remote clock offset: -14.144 ms

Below is generated by plot.py at 2018-01-02 13:23:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.80 Mbit/s
95th percentile per-packet one-way delay: 67.299 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 56.92 Mbit/s
95th percentile per-packet one-way delay: 66.152 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 39.25 Mbit/s
95th percentile per-packet one-way delay: 67.179 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 29.60 Mbit/s
95th percentile per-packet one-way delay: 68.596 ms
Loss rate: 0.28%

Run 8: Report of PCC — Data Link

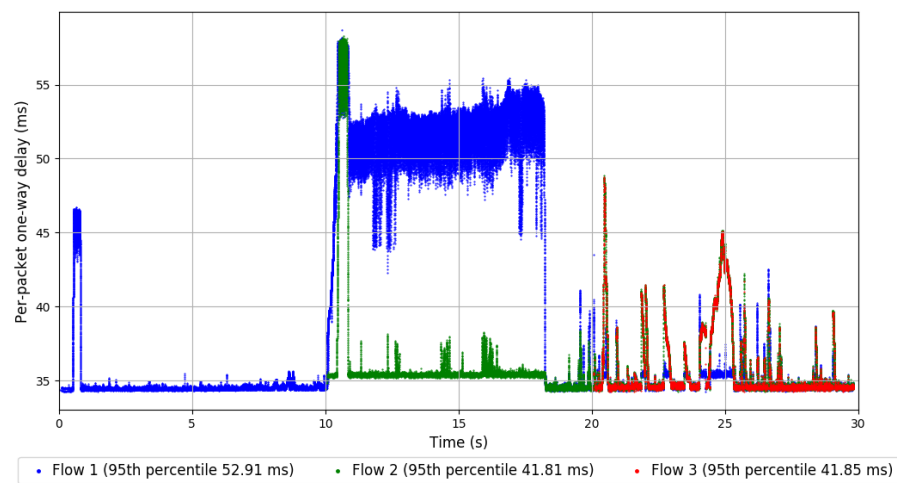
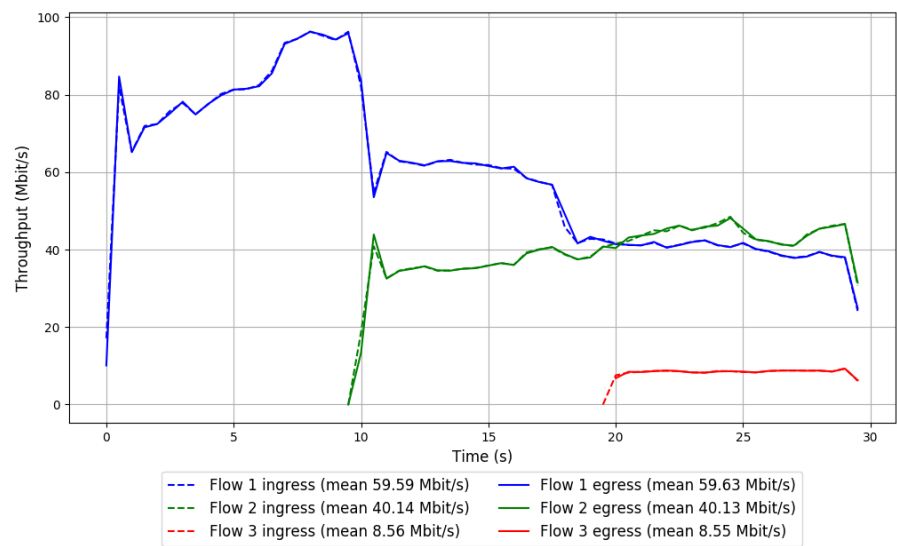


Run 9: Statistics of PCC

Start at: 2018-01-02 09:43:23
End at: 2018-01-02 09:43:53
Local clock offset: 3.855 ms
Remote clock offset: -14.523 ms

Below is generated by plot.py at 2018-01-02 13:23:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.16 Mbit/s
95th percentile per-packet one-way delay: 52.640 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 59.63 Mbit/s
95th percentile per-packet one-way delay: 52.905 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 40.13 Mbit/s
95th percentile per-packet one-way delay: 41.806 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 8.55 Mbit/s
95th percentile per-packet one-way delay: 41.849 ms
Loss rate: 0.30%

Run 9: Report of PCC — Data Link

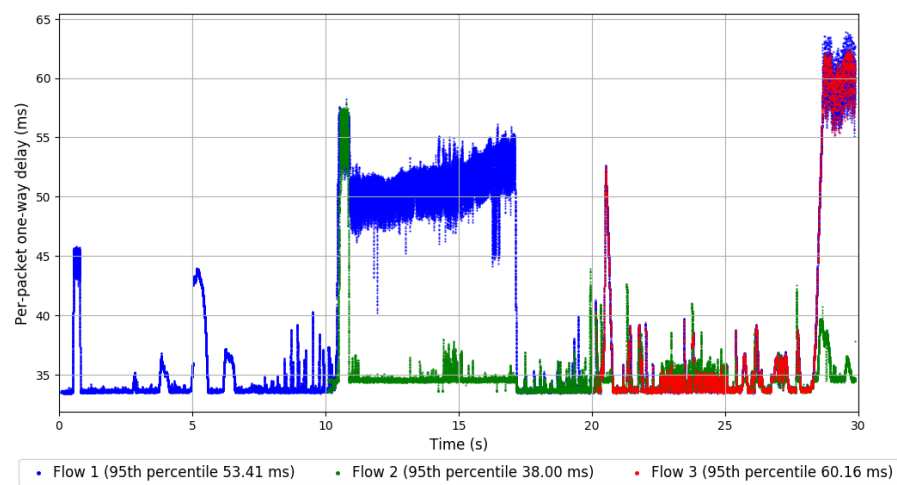
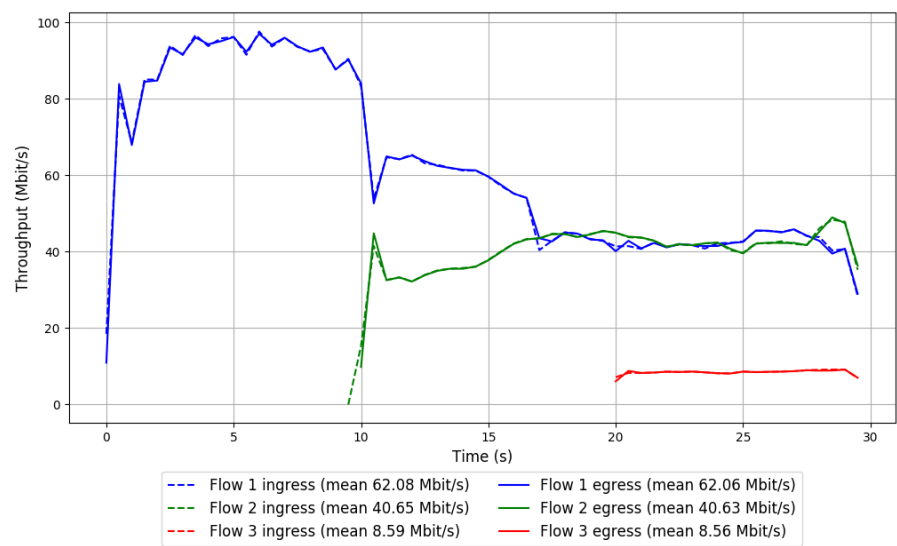


Run 10: Statistics of PCC

Start at: 2018-01-02 10:01:06
End at: 2018-01-02 10:01:36
Local clock offset: 1.715 ms
Remote clock offset: -15.713 ms

Below is generated by plot.py at 2018-01-02 13:23:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.89 Mbit/s
95th percentile per-packet one-way delay: 52.823 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 62.06 Mbit/s
95th percentile per-packet one-way delay: 53.415 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.63 Mbit/s
95th percentile per-packet one-way delay: 37.998 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 8.56 Mbit/s
95th percentile per-packet one-way delay: 60.163 ms
Loss rate: 0.61%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

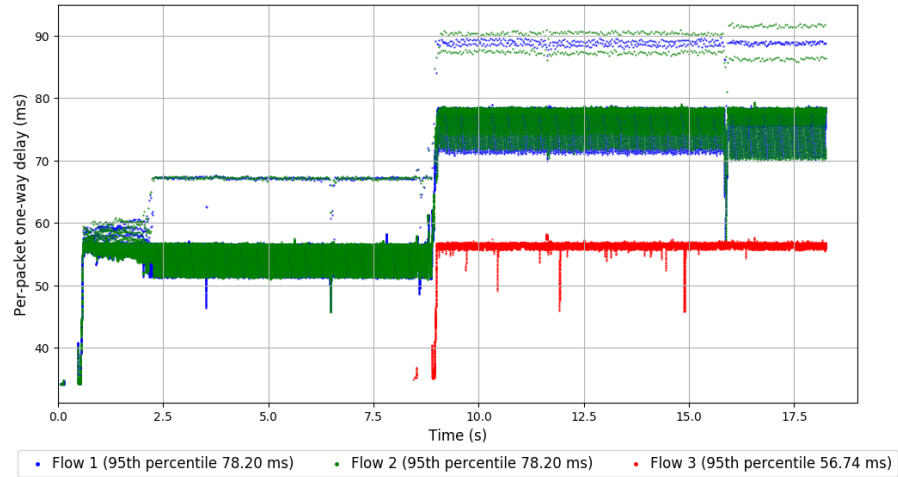
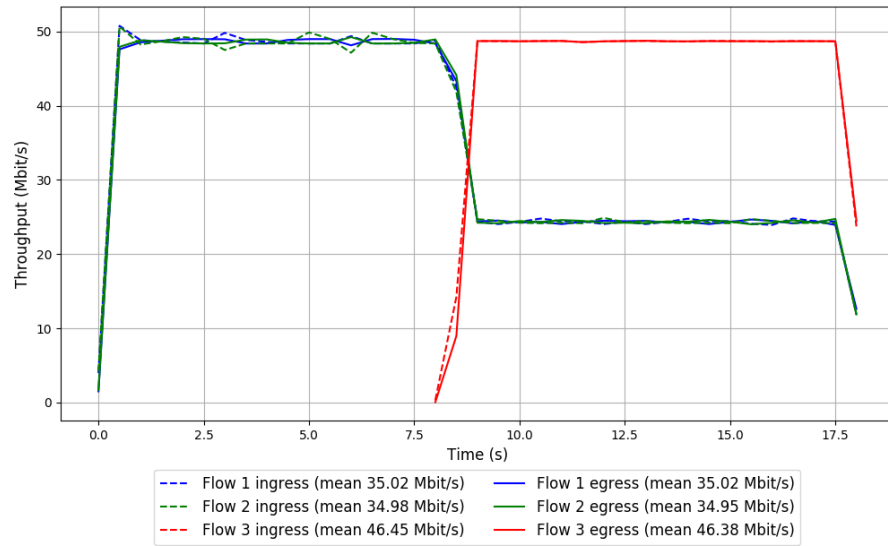
Start at: 2018-01-02 07:29:12

End at: 2018-01-02 07:29:42

Local clock offset: 2.61 ms

Remote clock offset: -11.096 ms

Run 1: Report of QUIC Cubic — Data Link

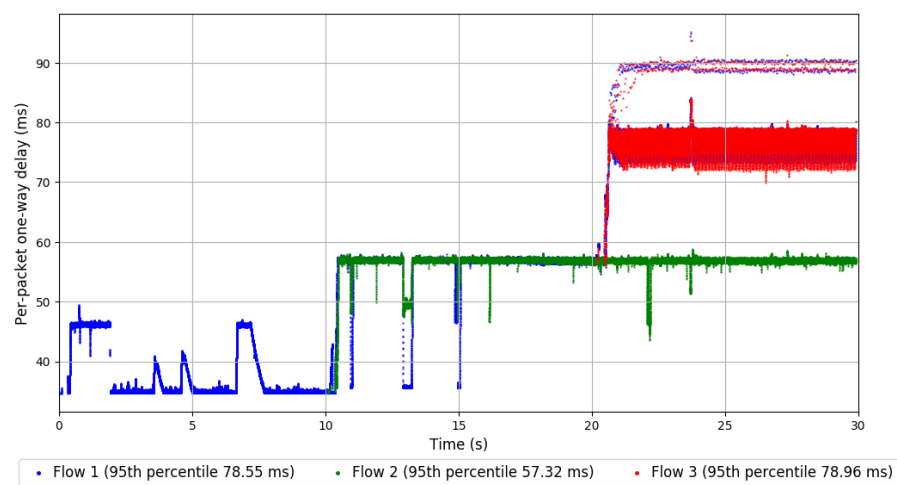
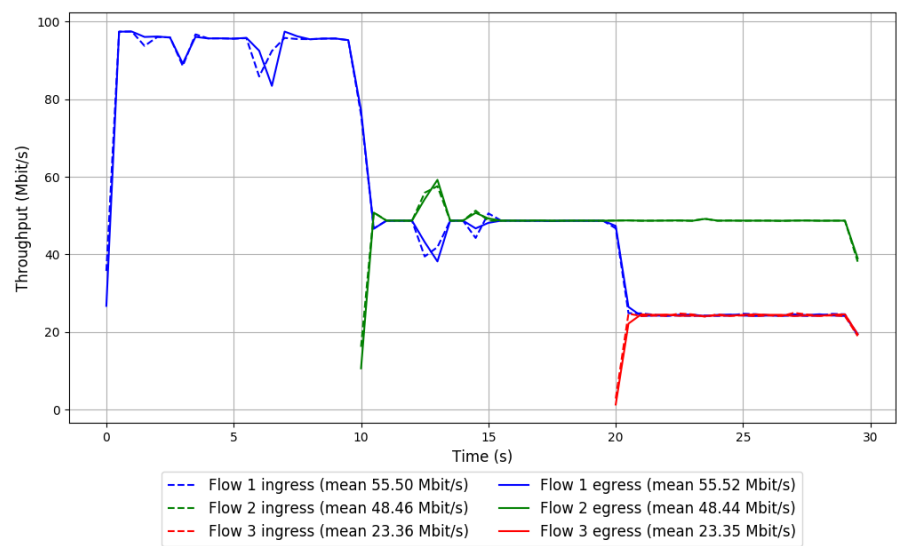


Run 2: Statistics of QUIC Cubic

Start at: 2018-01-02 07:47:40
End at: 2018-01-02 07:48:10
Local clock offset: 3.907 ms
Remote clock offset: -11.119 ms

Below is generated by plot.py at 2018-01-02 13:23:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.34 Mbit/s
95th percentile per-packet one-way delay: 78.604 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 55.52 Mbit/s
95th percentile per-packet one-way delay: 78.551 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 48.44 Mbit/s
95th percentile per-packet one-way delay: 57.318 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 23.35 Mbit/s
95th percentile per-packet one-way delay: 78.957 ms
Loss rate: 0.68%

Run 2: Report of QUIC Cubic — Data Link

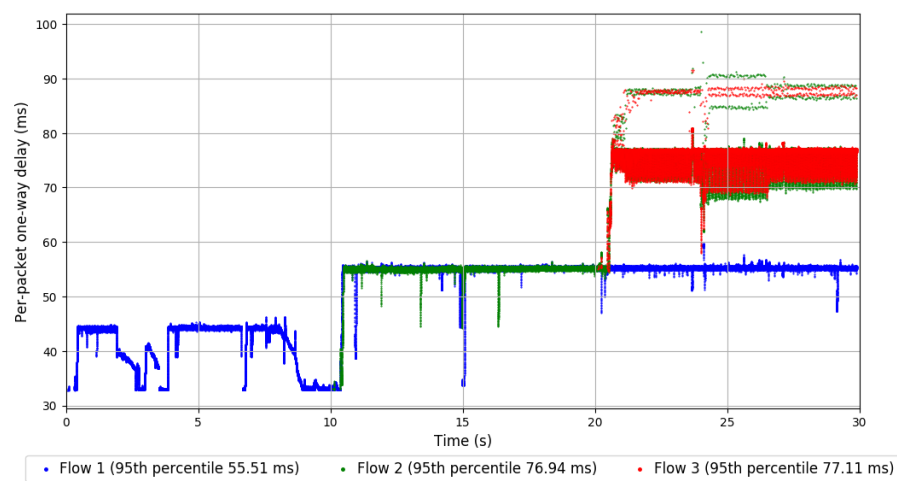
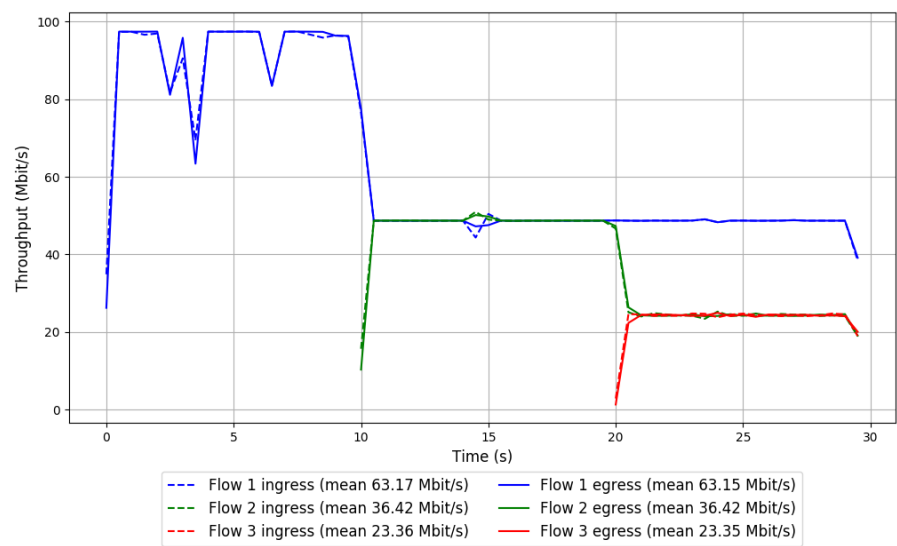


Run 3: Statistics of QUIC Cubic

Start at: 2018-01-02 08:05:56
End at: 2018-01-02 08:06:26
Local clock offset: 2.229 ms
Remote clock offset: -11.449 ms

Below is generated by plot.py at 2018-01-02 13:24:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.99 Mbit/s
95th percentile per-packet one-way delay: 76.764 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 63.15 Mbit/s
95th percentile per-packet one-way delay: 55.510 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 36.42 Mbit/s
95th percentile per-packet one-way delay: 76.941 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 23.35 Mbit/s
95th percentile per-packet one-way delay: 77.115 ms
Loss rate: 0.68%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

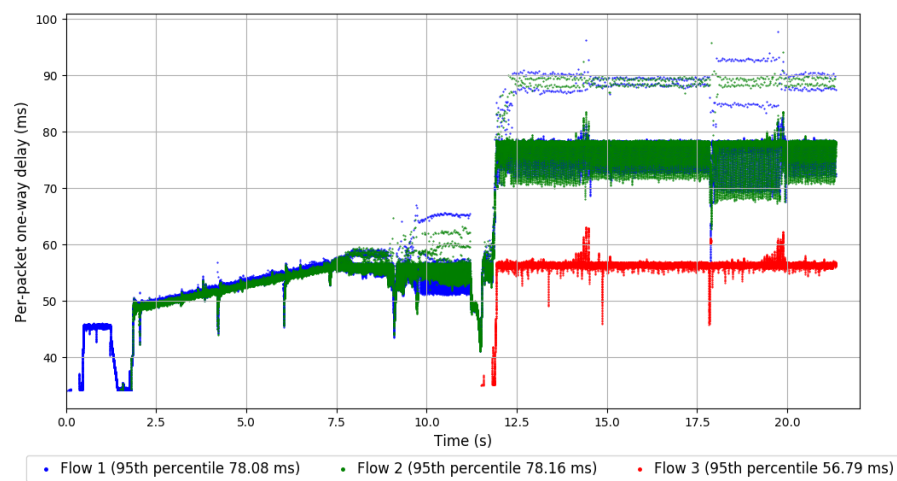
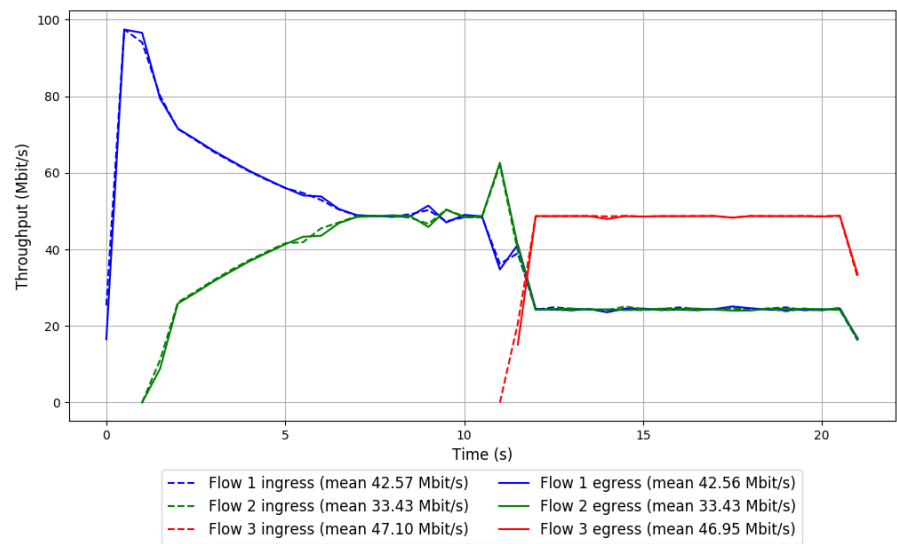
Start at: 2018-01-02 08:24:08

End at: 2018-01-02 08:24:38

Local clock offset: 2.154 ms

Remote clock offset: -12.994 ms

Run 4: Report of QUIC Cubic — Data Link

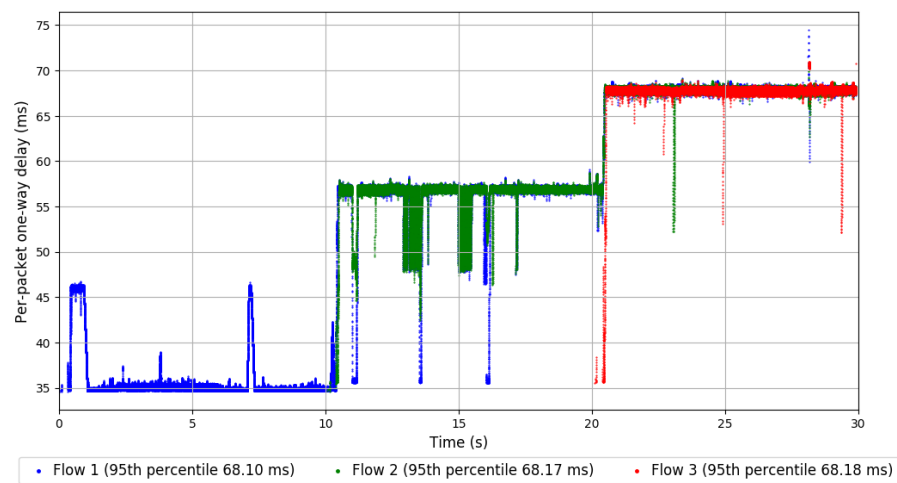
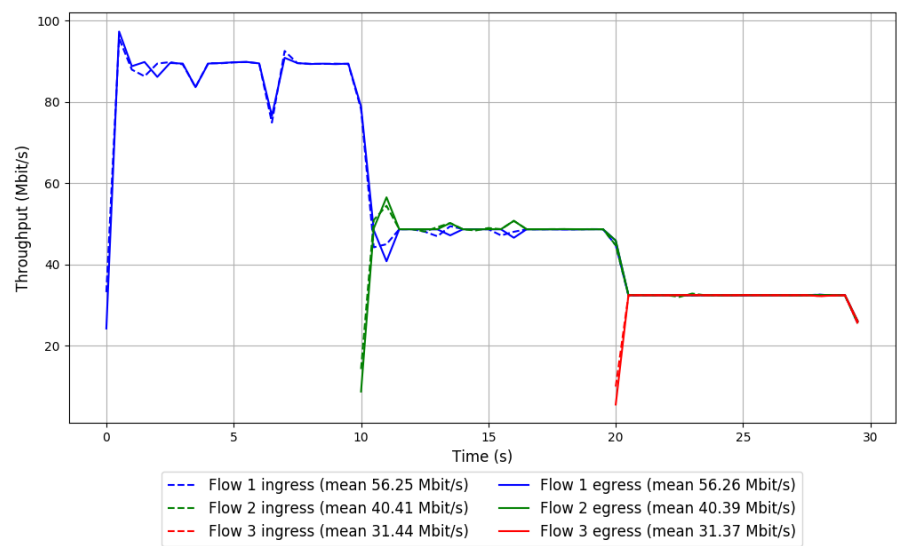


Run 5: Statistics of QUIC Cubic

Start at: 2018-01-02 08:42:25
End at: 2018-01-02 08:42:55
Local clock offset: 4.611 ms
Remote clock offset: -11.566 ms

Below is generated by plot.py at 2018-01-02 13:24:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.38 Mbit/s
95th percentile per-packet one-way delay: 68.143 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 56.26 Mbit/s
95th percentile per-packet one-way delay: 68.100 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.39 Mbit/s
95th percentile per-packet one-way delay: 68.169 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 31.37 Mbit/s
95th percentile per-packet one-way delay: 68.177 ms
Loss rate: 0.62%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

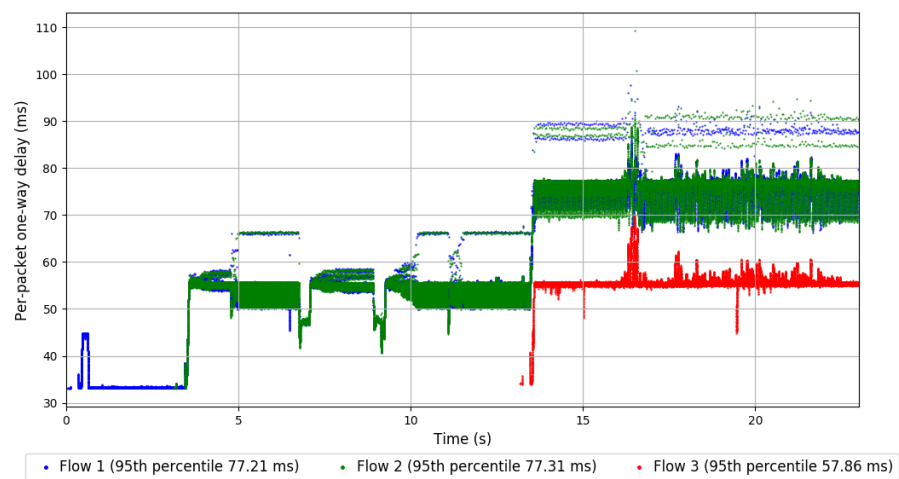
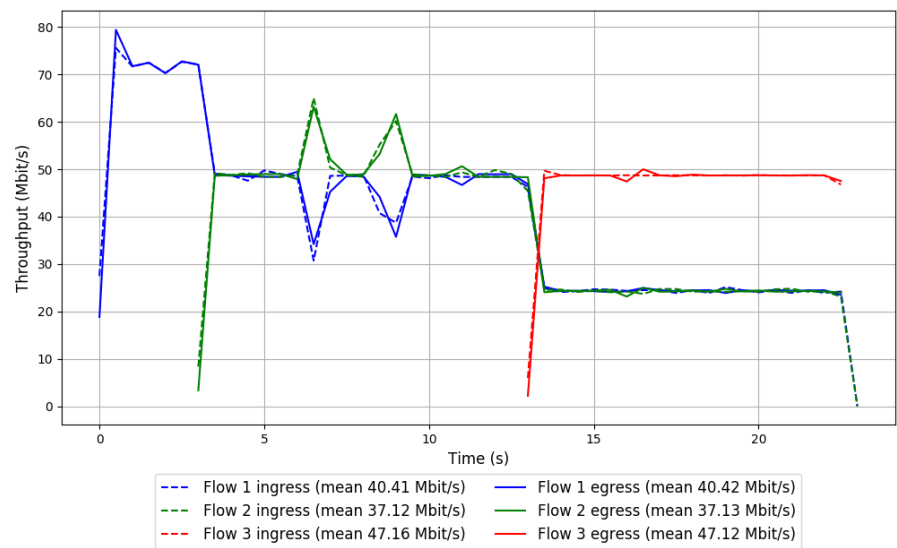
Start at: 2018-01-02 09:00:35

End at: 2018-01-02 09:01:05

Local clock offset: 1.264 ms

Remote clock offset: -14.878 ms

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

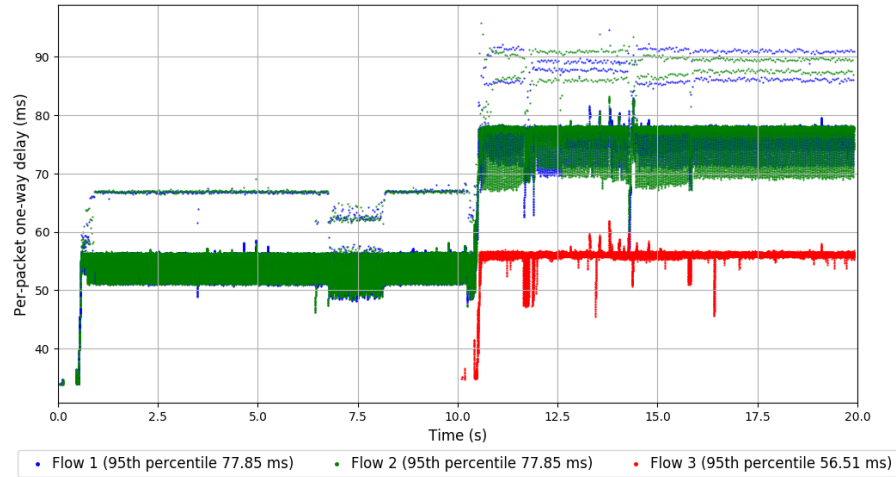
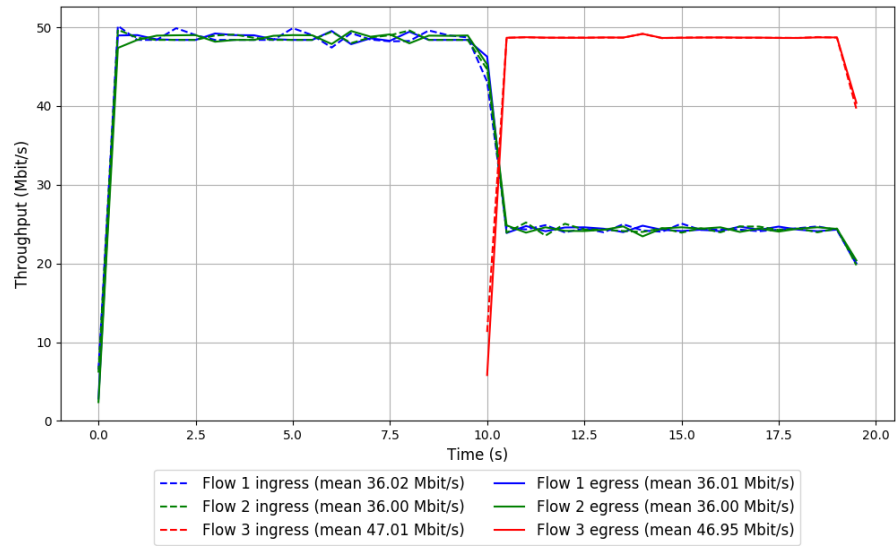
Start at: 2018-01-02 09:18:23

End at: 2018-01-02 09:18:53

Local clock offset: 3.261 ms

Remote clock offset: -14.855 ms

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

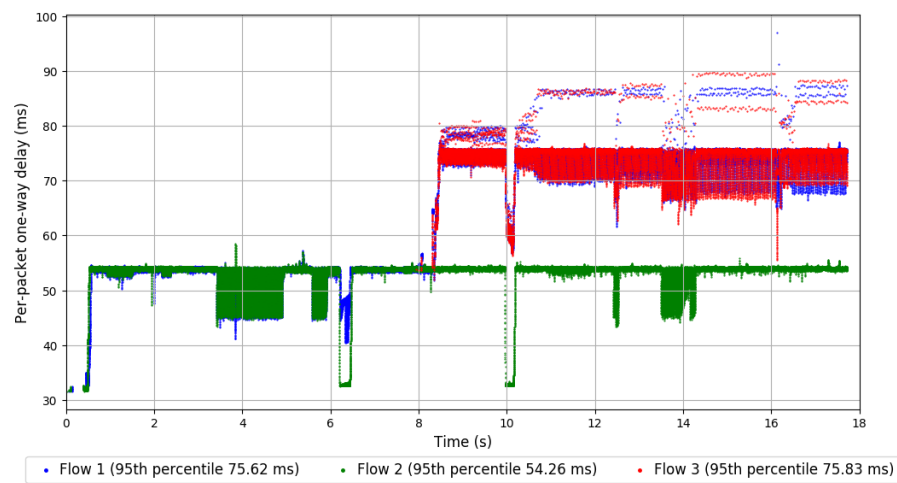
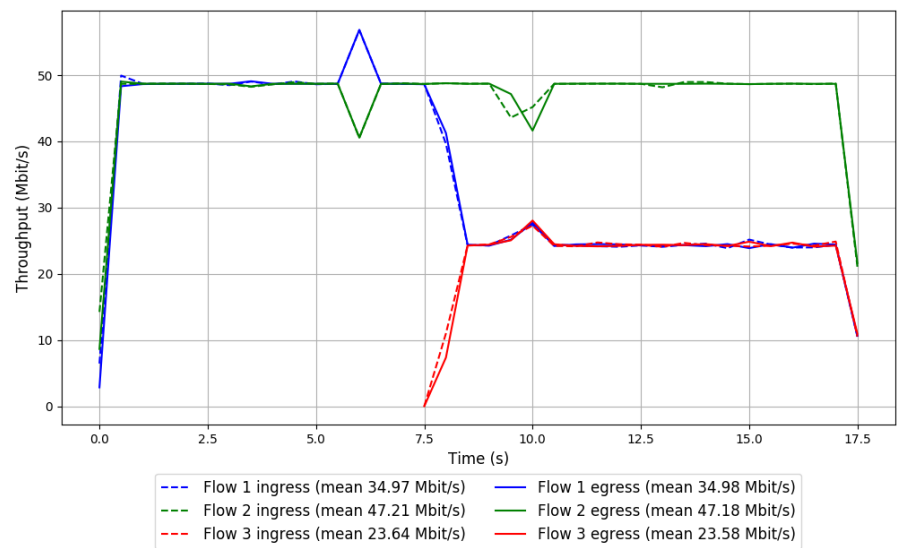
Start at: 2018-01-02 09:36:16

End at: 2018-01-02 09:36:46

Local clock offset: 0.586 ms

Remote clock offset: -15.034 ms

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

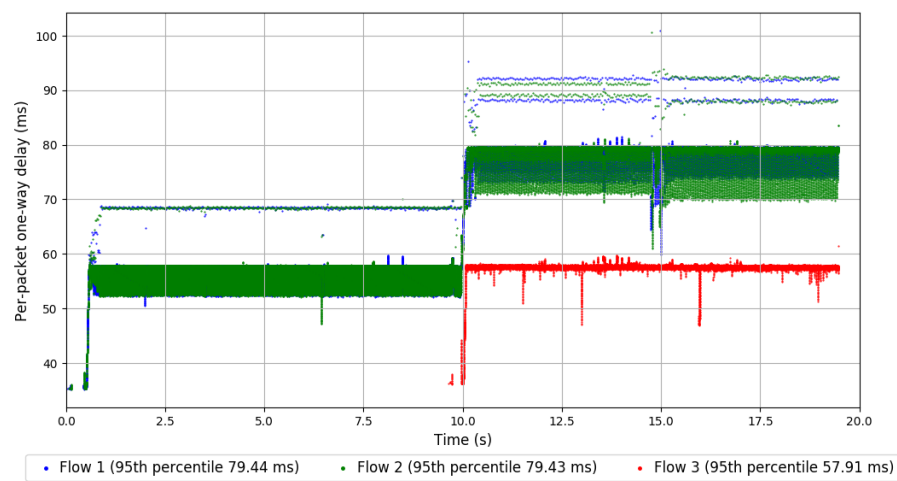
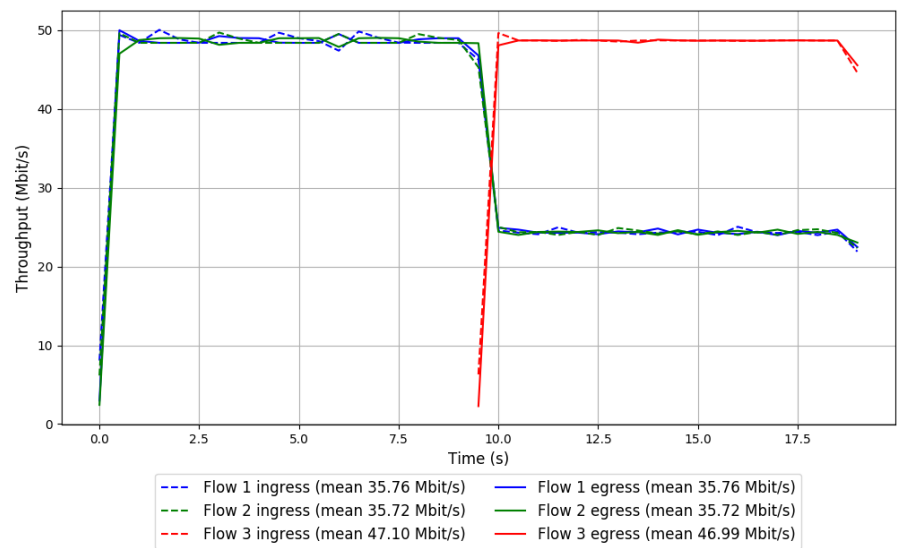
Start at: 2018-01-02 09:53:59

End at: 2018-01-02 09:54:29

Local clock offset: 3.797 ms

Remote clock offset: -15.474 ms

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

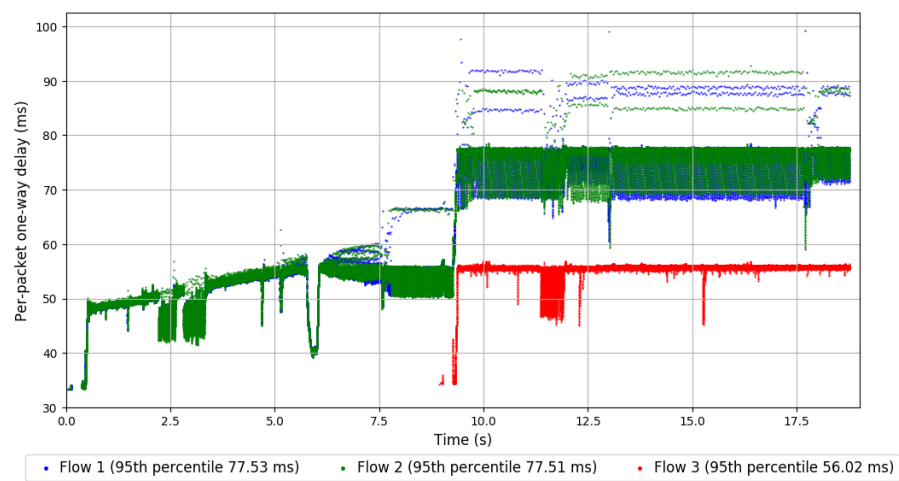
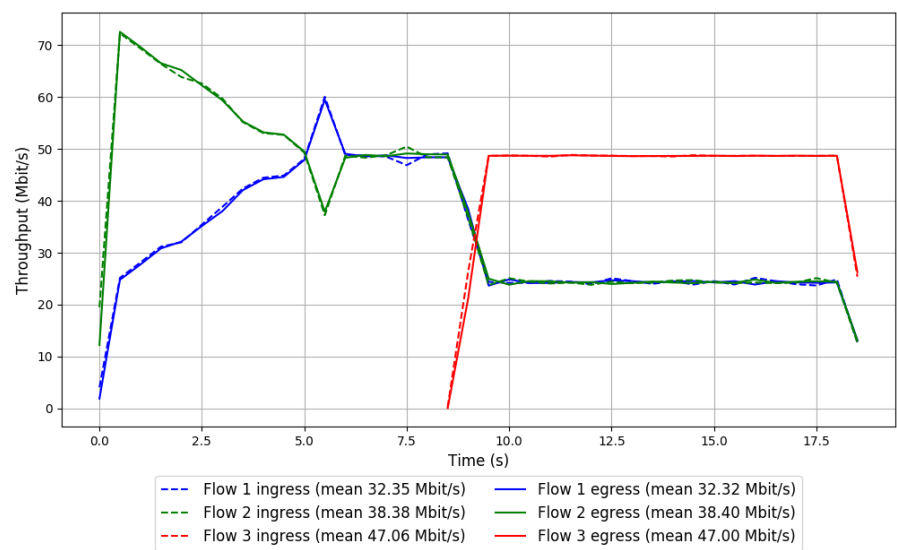
Start at: 2018-01-02 10:11:57

End at: 2018-01-02 10:12:27

Local clock offset: 1.136 ms

Remote clock offset: -15.918 ms

Run 10: Report of QUIC Cubic — Data Link

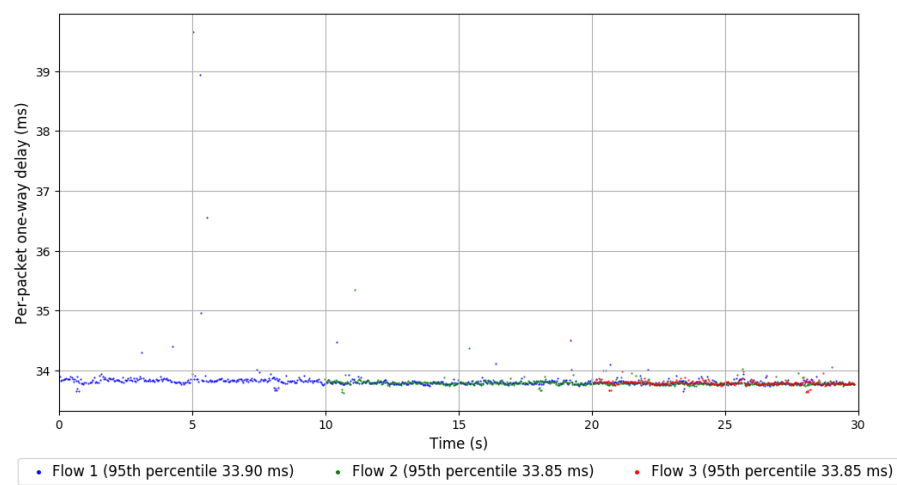
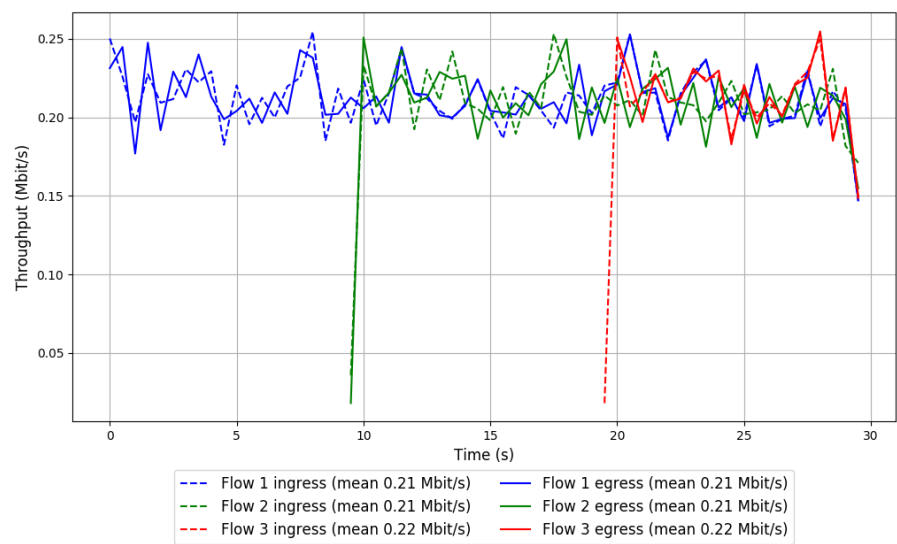


```
Run 1: Statistics of SCReAM

Start at: 2018-01-02 07:19:36
End at: 2018-01-02 07:20:06
Local clock offset: 2.281 ms
Remote clock offset: -11.447 ms

# Below is generated by plot.py at 2018-01-02 13:24:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 33.877 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 33.895 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 33.847 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 33.853 ms
Loss rate: 0.35%
```

Run 1: Report of SReAM — Data Link

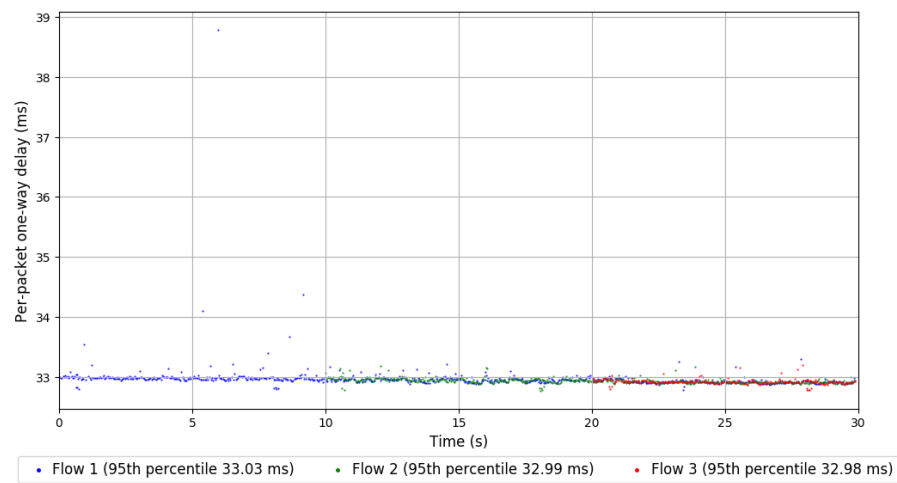
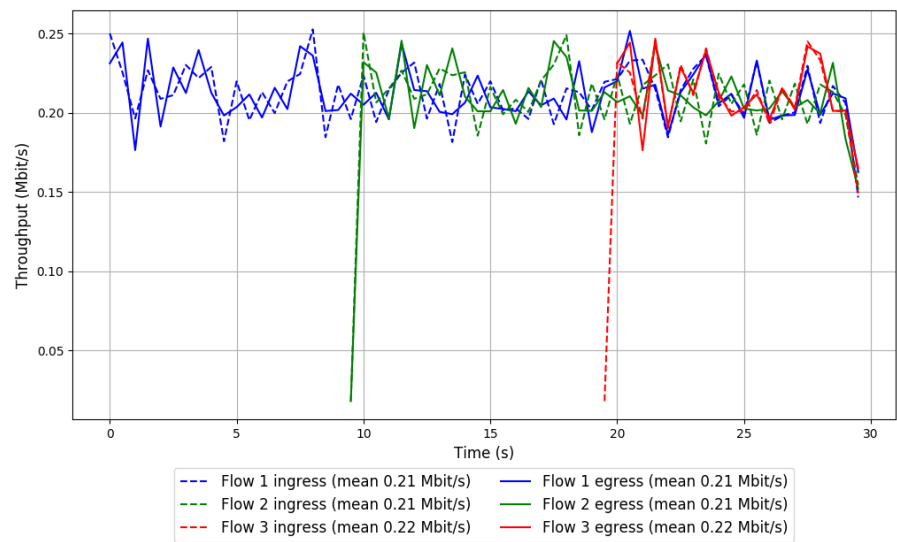


Run 2: Statistics of SReAM

Start at: 2018-01-02 07:37:54
End at: 2018-01-02 07:38:24
Local clock offset: 0.836 ms
Remote clock offset: -11.977 ms

Below is generated by plot.py at 2018-01-02 13:24:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 33.013 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 33.028 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 32.991 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 32.980 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

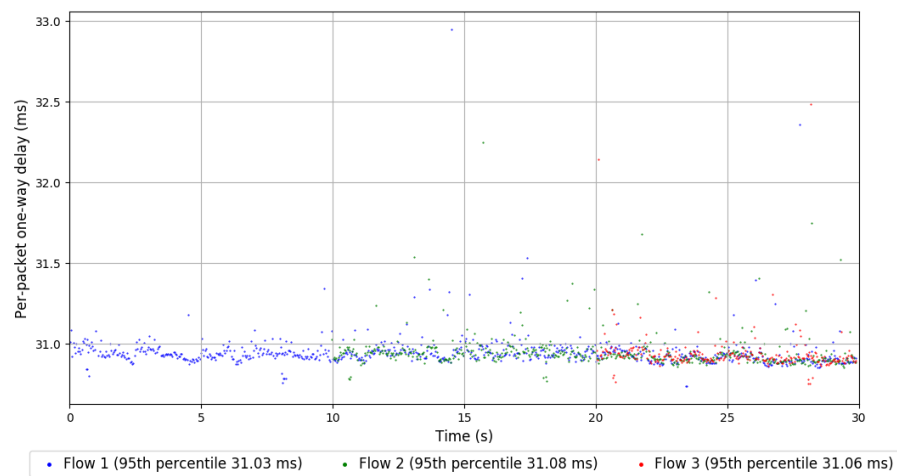
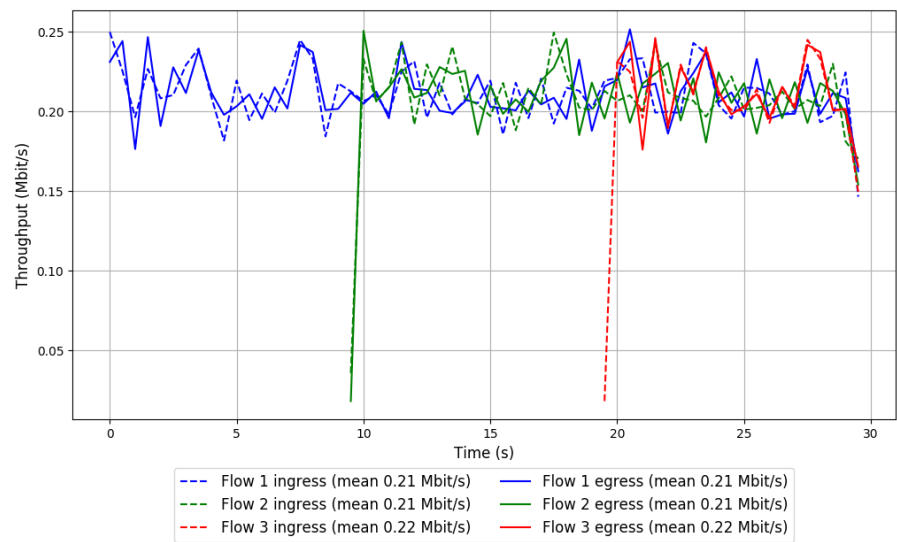


Run 3: Statistics of SReAM

Start at: 2018-01-02 07:56:07
End at: 2018-01-02 07:56:37
Local clock offset: 1.766 ms
Remote clock offset: -9.777 ms

Below is generated by plot.py at 2018-01-02 13:24:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 31.047 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.028 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.079 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 31.061 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

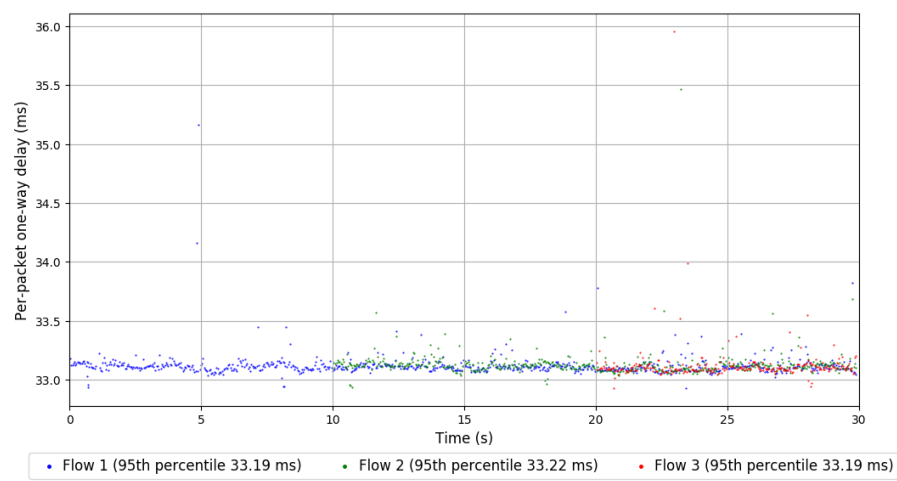
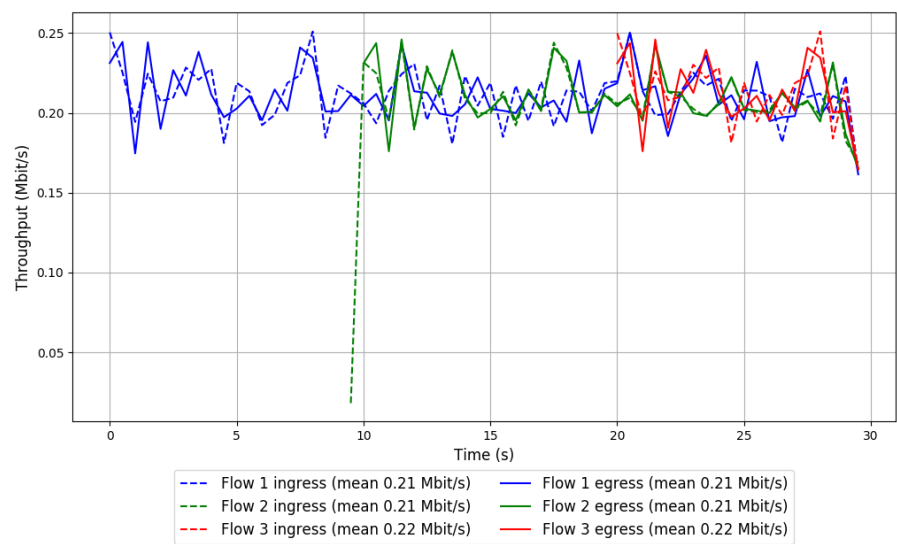


Run 4: Statistics of SReAM

Start at: 2018-01-02 08:14:16
End at: 2018-01-02 08:14:46
Local clock offset: 2.574 ms
Remote clock offset: -11.404 ms

Below is generated by plot.py at 2018-01-02 13:24:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 33.201 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 33.192 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 33.215 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 33.193 ms
Loss rate: 0.35%

Run 4: Report of SReAM — Data Link

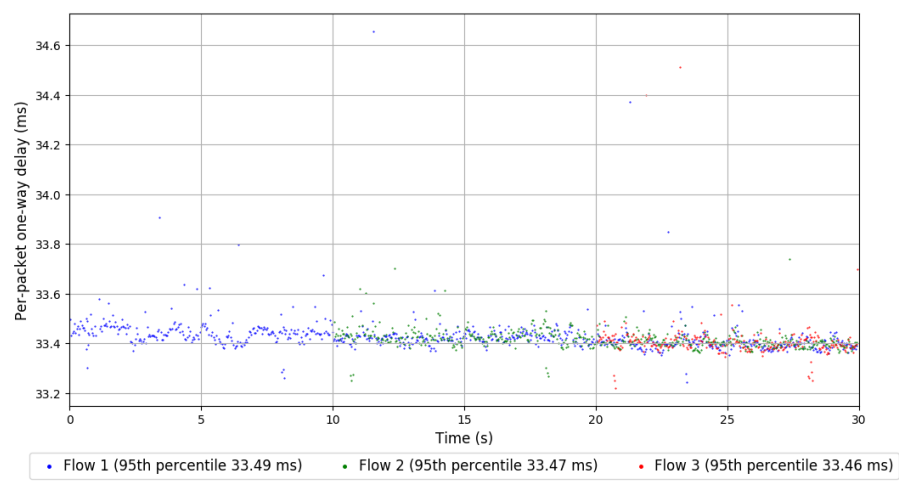
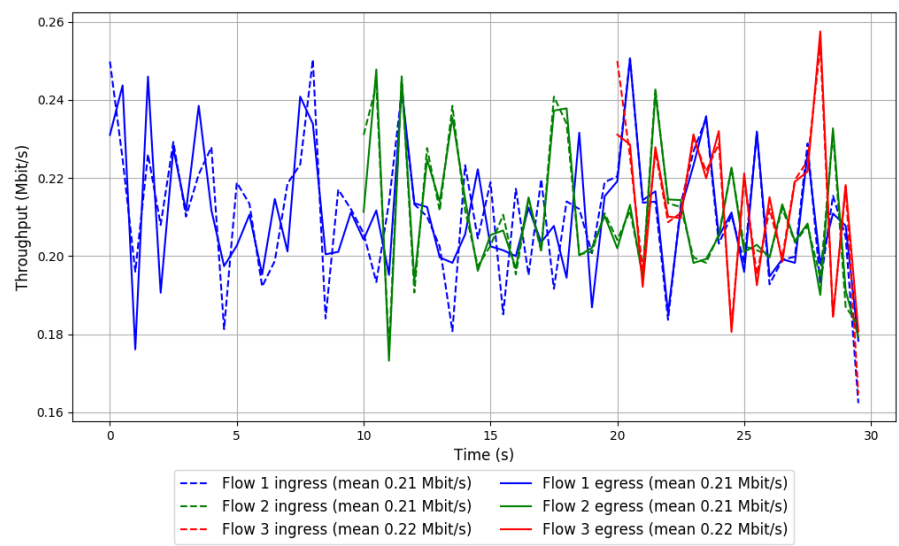


Run 5: Statistics of SReAM

Start at: 2018-01-02 08:32:42
End at: 2018-01-02 08:33:12
Local clock offset: 2.232 ms
Remote clock offset: -12.361 ms

Below is generated by plot.py at 2018-01-02 13:24:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 33.482 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 33.490 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 33.474 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 33.456 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

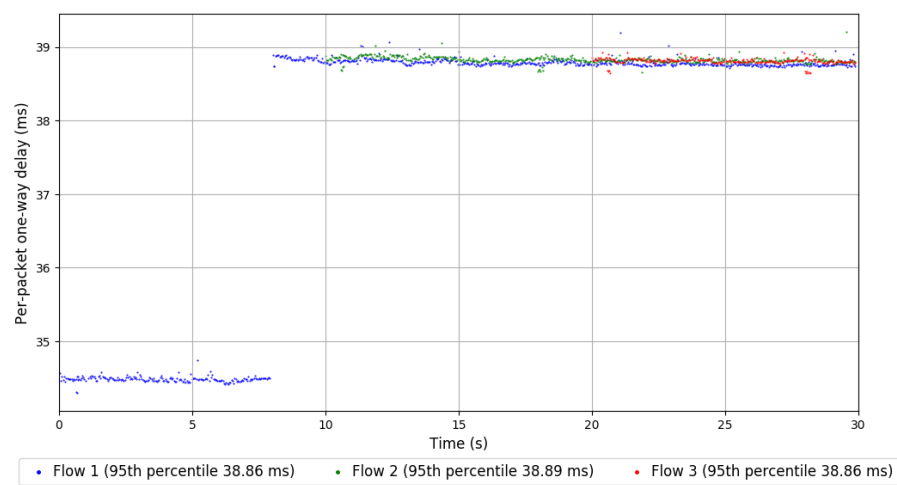
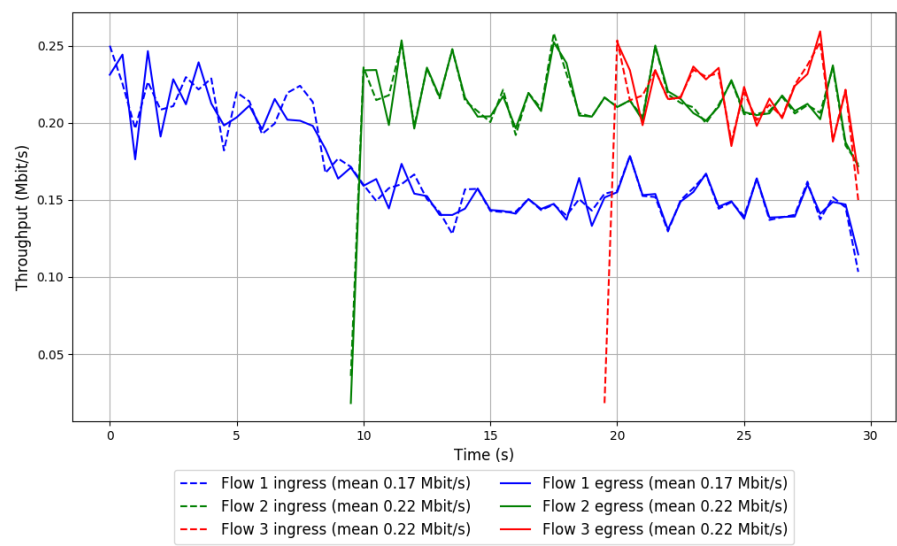


Run 6: Statistics of SReAM

Start at: 2018-01-02 08:51:01
End at: 2018-01-02 08:51:31
Local clock offset: 4.321 ms
Remote clock offset: -12.473 ms

Below is generated by plot.py at 2018-01-02 13:24:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 38.878 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 38.860 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 38.893 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 38.860 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

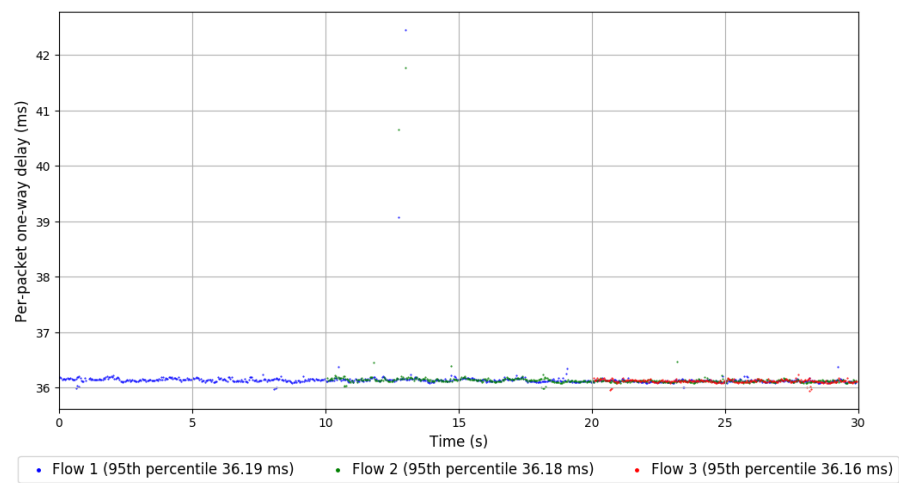
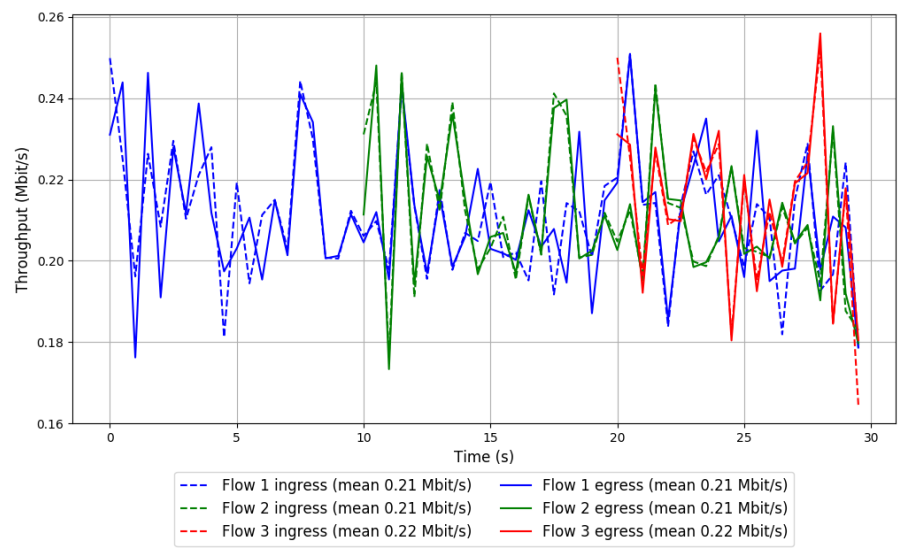


Run 7: Statistics of SReAM

Start at: 2018-01-02 09:08:54
End at: 2018-01-02 09:09:24
Local clock offset: 3.562 ms
Remote clock offset: -16.142 ms

Below is generated by plot.py at 2018-01-02 13:24:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 36.182 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 36.185 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 36.181 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 36.159 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

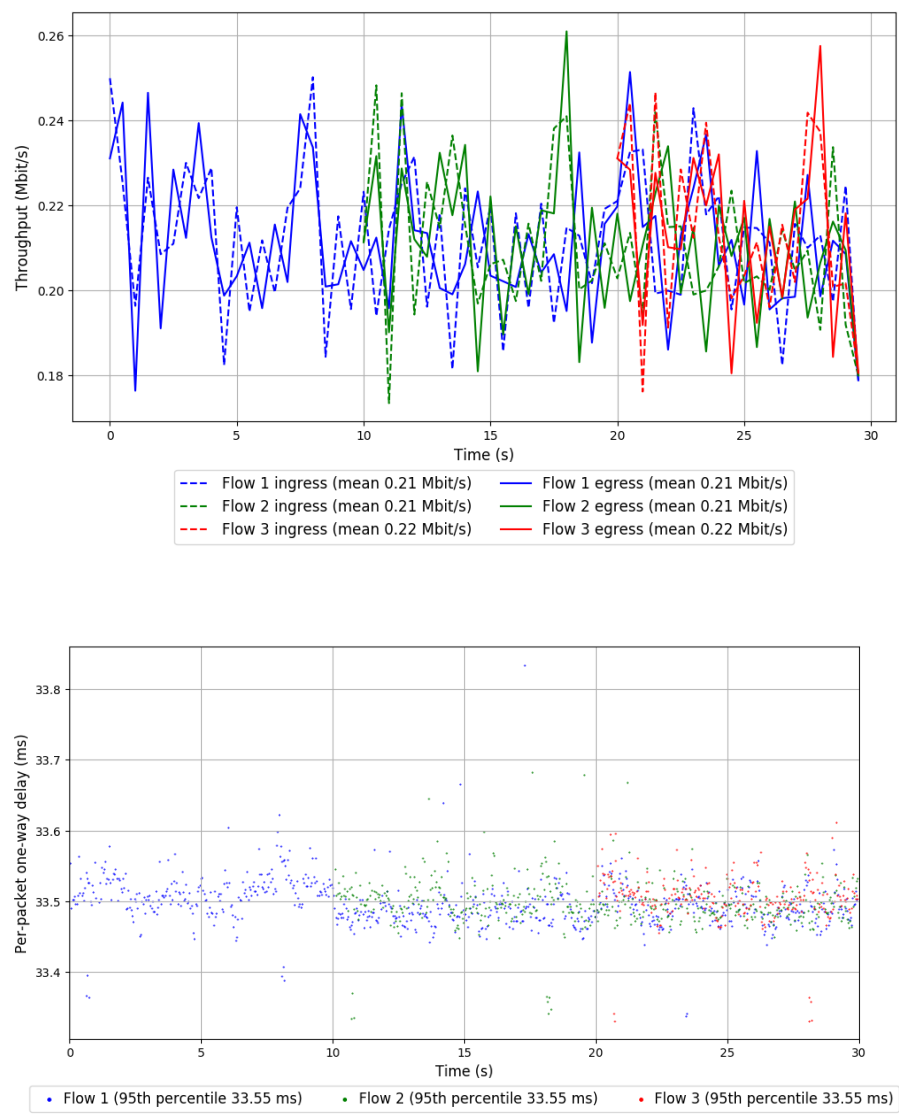


Run 8: Statistics of SReAM

Start at: 2018-01-02 09:26:49
End at: 2018-01-02 09:27:19
Local clock offset: 4.386 ms
Remote clock offset: -13.154 ms

Below is generated by plot.py at 2018-01-02 13:24:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 33.549 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 33.546 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 33.547 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 33.555 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

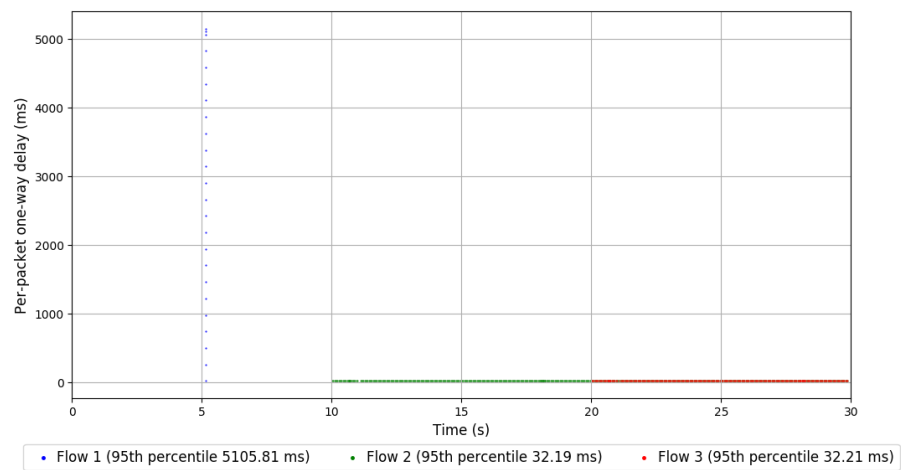
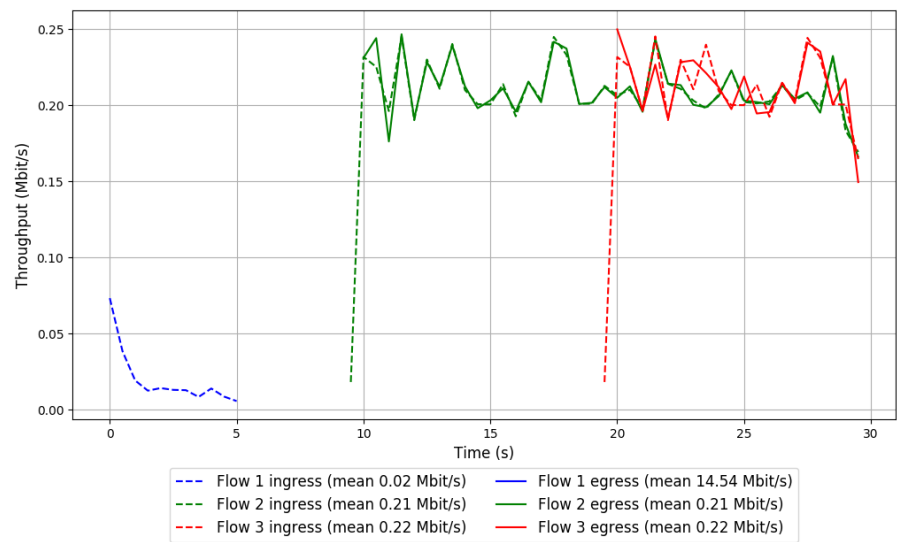


Run 9: Statistics of SReAM

Start at: 2018-01-02 09:44:35
End at: 2018-01-02 09:45:05
Local clock offset: 1.198 ms
Remote clock offset: -14.884 ms

Below is generated by plot.py at 2018-01-02 13:24:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 32.216 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 14.54 Mbit/s
95th percentile per-packet one-way delay: 5105.810 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 32.194 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 32.208 ms
Loss rate: 0.35%

Run 9: Report of SReAM — Data Link

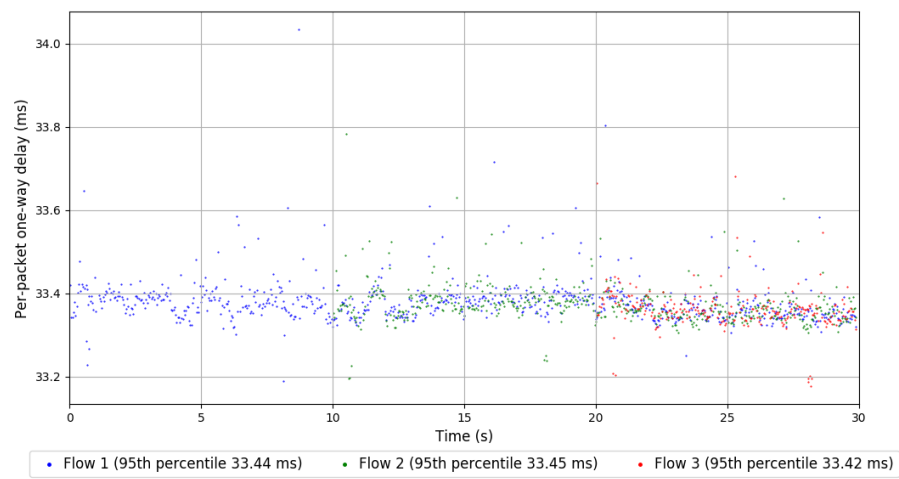
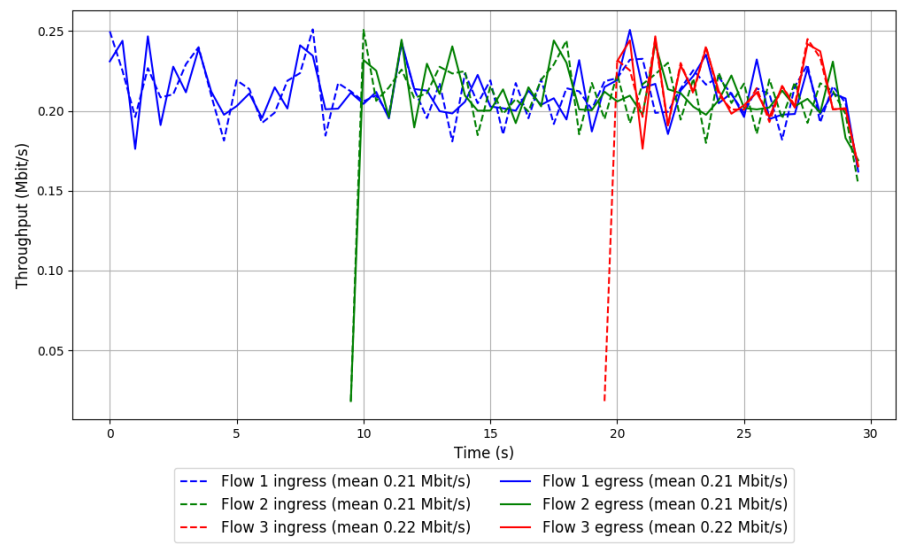


Run 10: Statistics of SReAM

Start at: 2018-01-02 10:02:16
End at: 2018-01-02 10:02:46
Local clock offset: 3.254 ms
Remote clock offset: -13.939 ms

Below is generated by plot.py at 2018-01-02 13:24:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 33.442 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 33.444 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 33.445 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 33.423 ms
Loss rate: 0.35%

Run 10: Report of SCReAM — Data Link

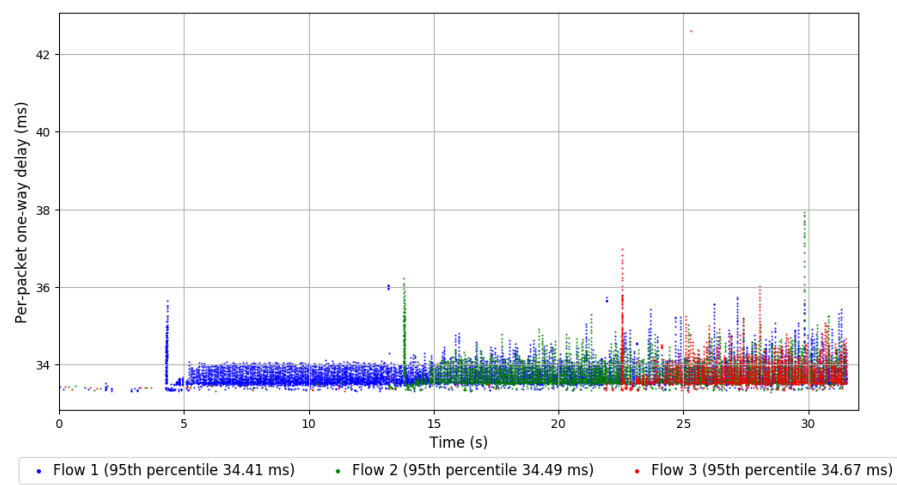
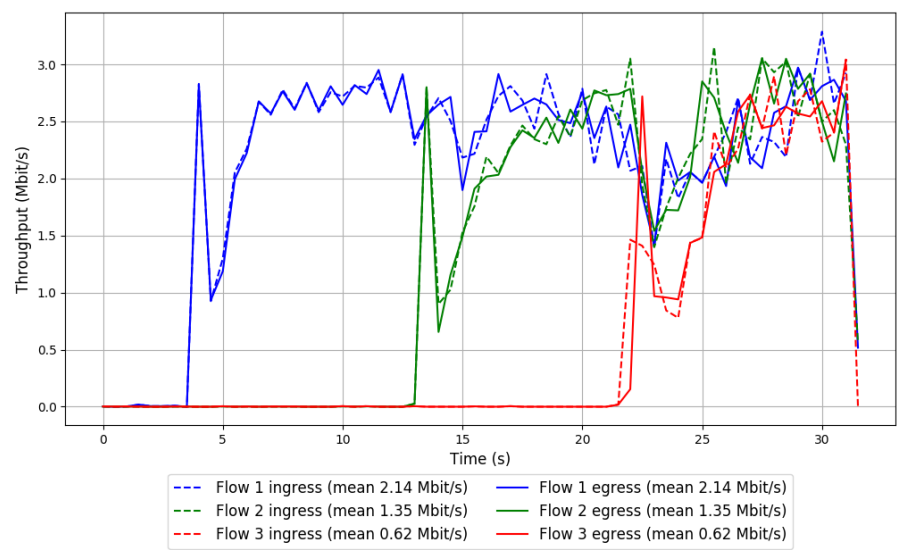


Run 1: Statistics of WebRTC media

Start at: 2018-01-02 07:26:58
End at: 2018-01-02 07:27:28
Local clock offset: 2.751 ms
Remote clock offset: -10.926 ms

Below is generated by plot.py at 2018-01-02 13:24:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.09 Mbit/s
95th percentile per-packet one-way delay: 34.483 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 2.14 Mbit/s
95th percentile per-packet one-way delay: 34.411 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.35 Mbit/s
95th percentile per-packet one-way delay: 34.492 ms
Loss rate: 0.66%
-- Flow 3:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: 34.668 ms
Loss rate: 0.01%

Run 1: Report of WebRTC media — Data Link

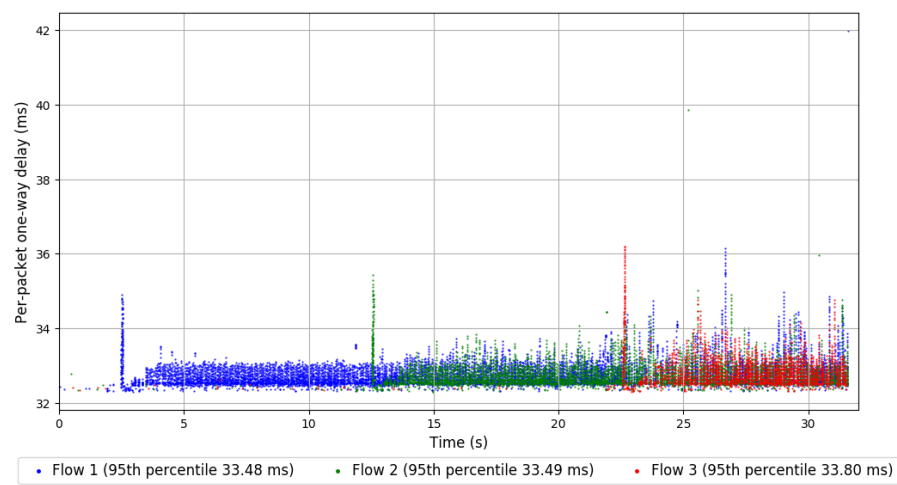
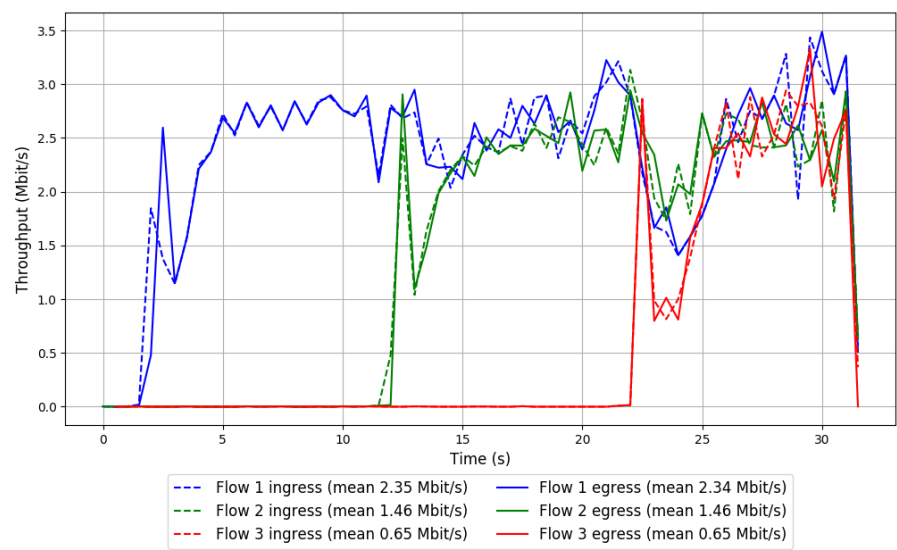


Run 2: Statistics of WebRTC media

Start at: 2018-01-02 07:45:19
End at: 2018-01-02 07:45:49
Local clock offset: 1.402 ms
Remote clock offset: -11.272 ms

Below is generated by plot.py at 2018-01-02 13:24:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.42 Mbit/s
95th percentile per-packet one-way delay: 33.531 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 33.476 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 1.46 Mbit/s
95th percentile per-packet one-way delay: 33.490 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: 33.802 ms
Loss rate: 0.91%

Run 2: Report of WebRTC media — Data Link

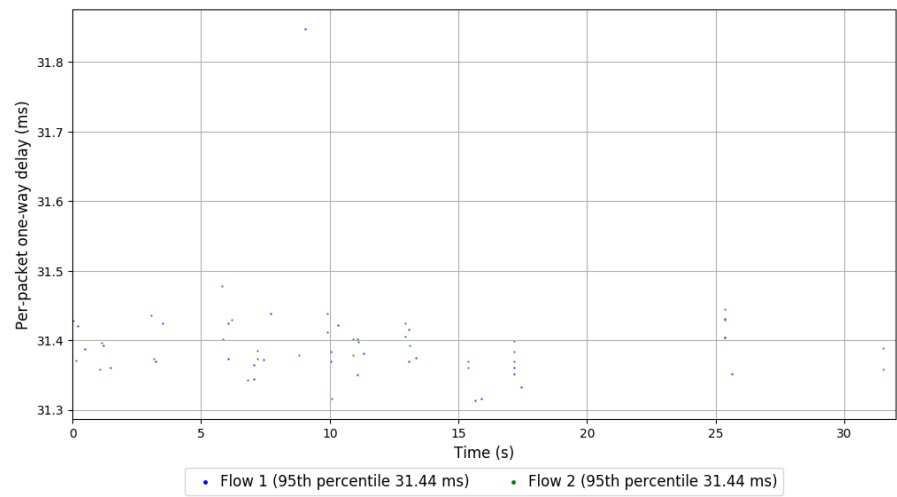
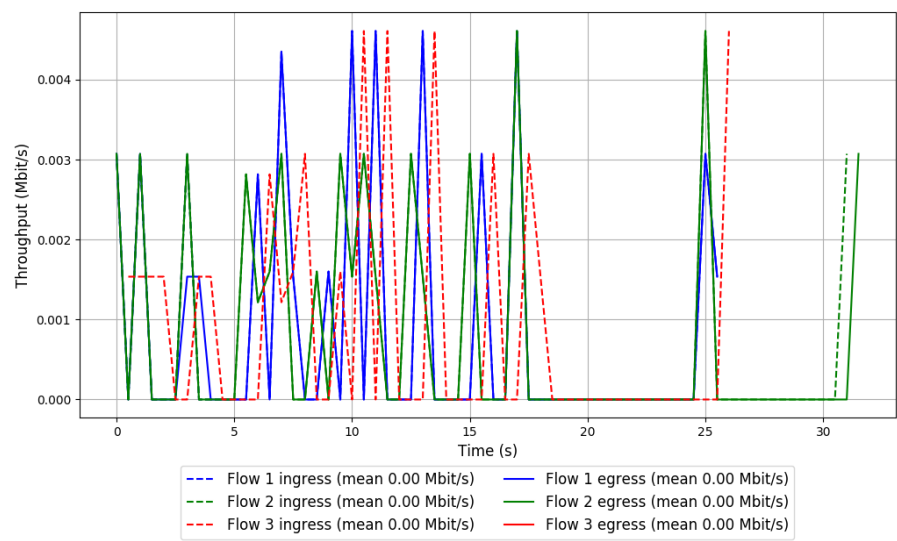


Run 3: Statistics of WebRTC media

Start at: 2018-01-02 08:03:37
End at: 2018-01-02 08:04:07
Local clock offset: 2.485 ms
Remote clock offset: -9.684 ms

Below is generated by plot.py at 2018-01-02 13:24:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 31.439 ms
Loss rate: 32.60%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 31.439 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 31.438 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s

Run 3: Report of WebRTC media — Data Link

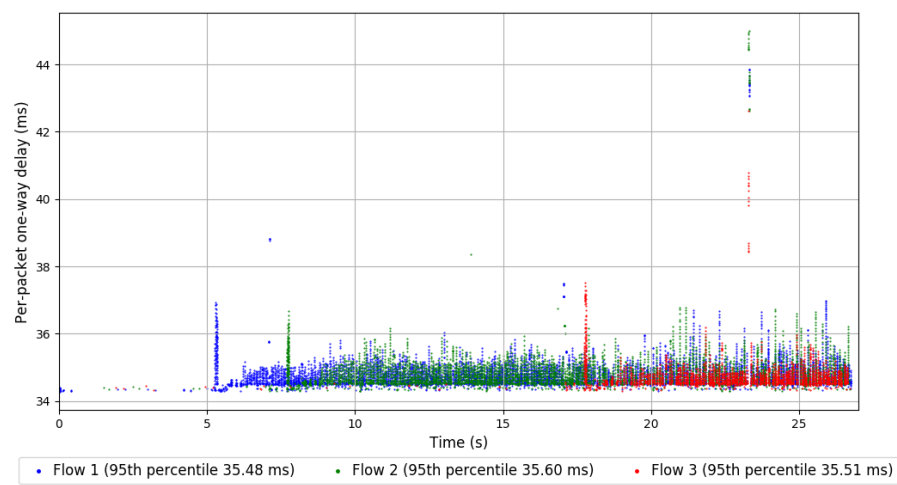
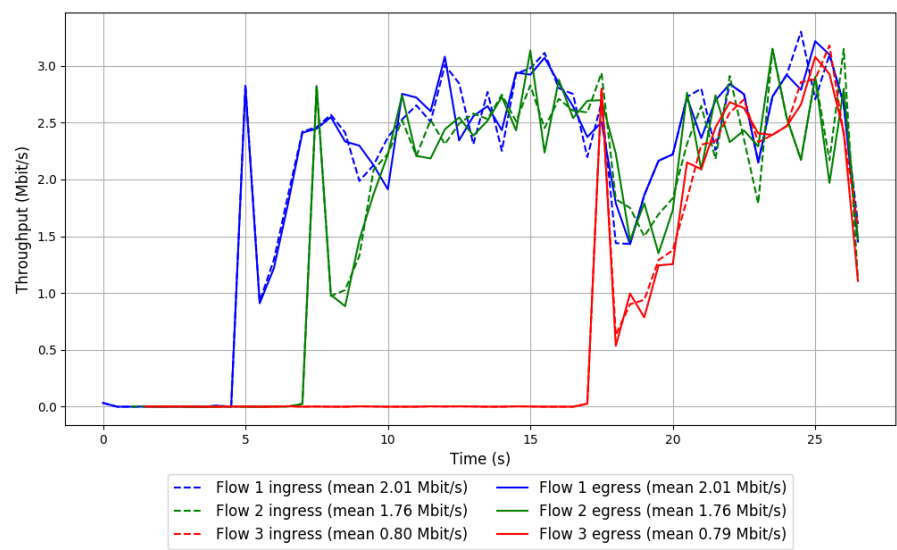


Run 4: Statistics of WebRTC media

Start at: 2018-01-02 08:21:50
End at: 2018-01-02 08:22:20
Local clock offset: 3.858 ms
Remote clock offset: -11.533 ms

Below is generated by plot.py at 2018-01-02 13:24:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.40 Mbit/s
95th percentile per-packet one-way delay: 35.531 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 2.01 Mbit/s
95th percentile per-packet one-way delay: 35.477 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 1.76 Mbit/s
95th percentile per-packet one-way delay: 35.601 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 0.79 Mbit/s
95th percentile per-packet one-way delay: 35.514 ms
Loss rate: 1.78%

Run 4: Report of WebRTC media — Data Link

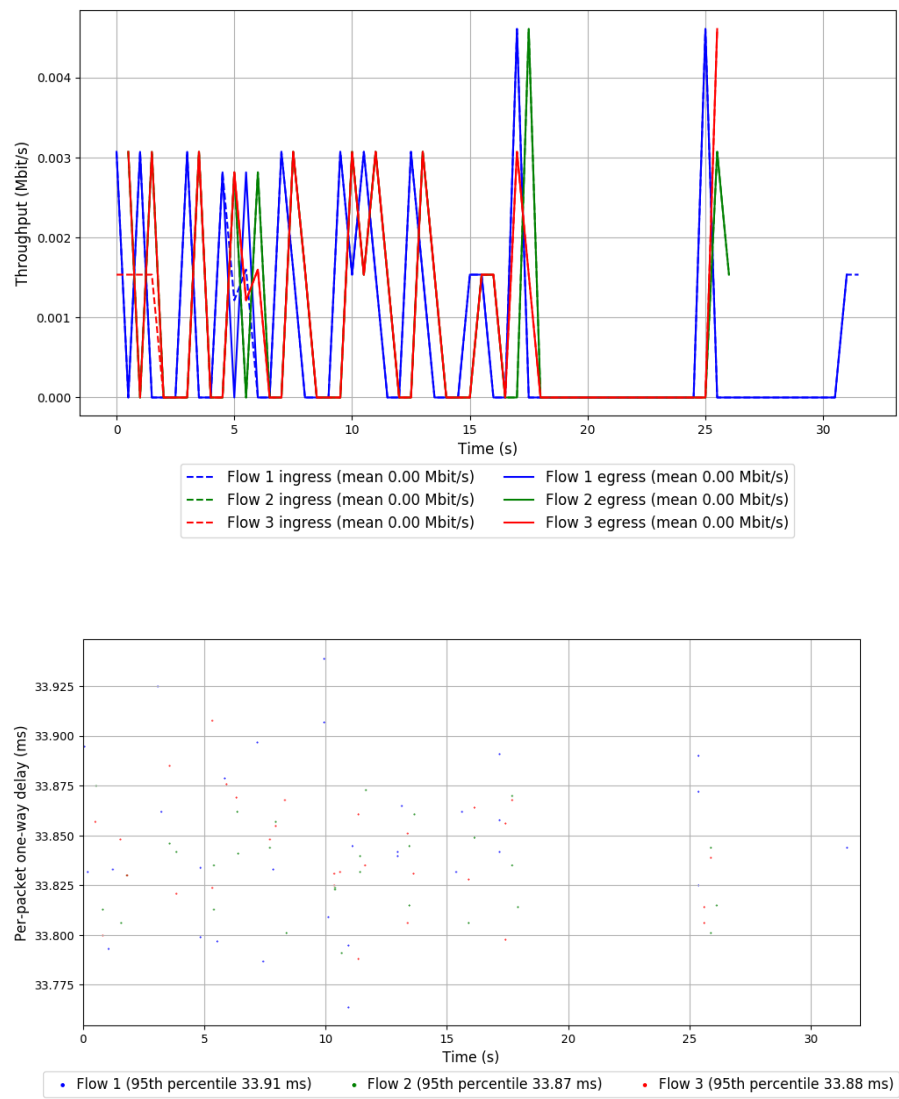


Run 5: Statistics of WebRTC media

Start at: 2018-01-02 08:40:05
End at: 2018-01-02 08:40:35
Local clock offset: 4.569 ms
Remote clock offset: -10.717 ms

Below is generated by plot.py at 2018-01-02 13:24:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 33.897 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 33.907 ms
Loss rate: 3.15%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 33.873 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 33.885 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

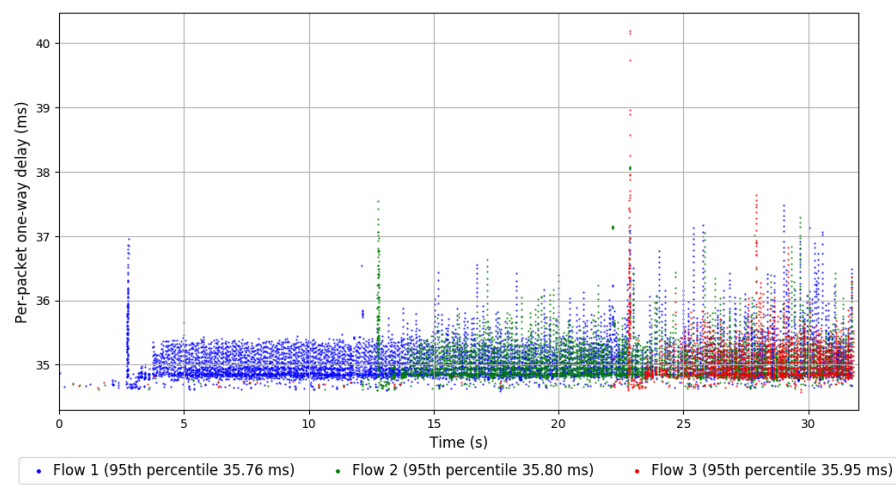
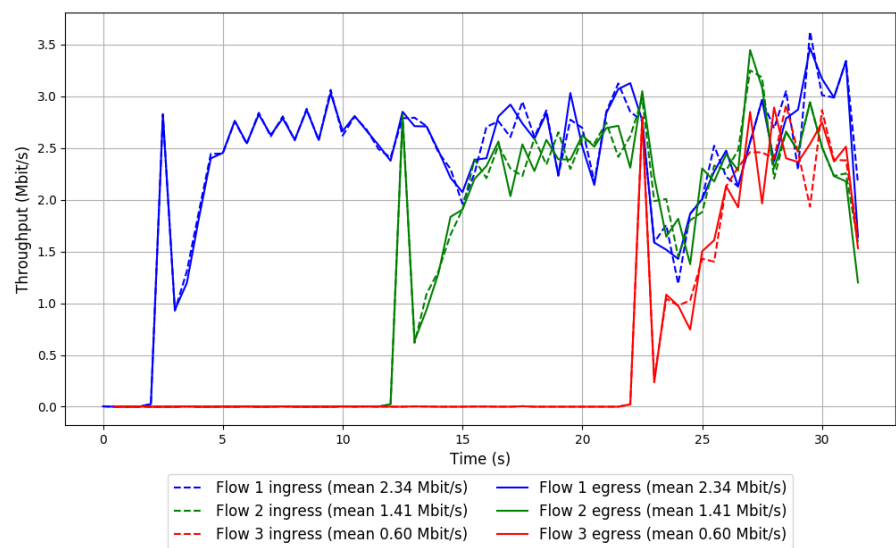


Run 6: Statistics of WebRTC media

Start at: 2018-01-02 08:58:16
End at: 2018-01-02 08:58:46
Local clock offset: 1.255 ms
Remote clock offset: -11.921 ms

Below is generated by plot.py at 2018-01-02 13:24:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.31 Mbit/s
95th percentile per-packet one-way delay: 35.800 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 35.764 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 1.41 Mbit/s
95th percentile per-packet one-way delay: 35.796 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 35.952 ms
Loss rate: 0.36%

Run 6: Report of WebRTC media — Data Link

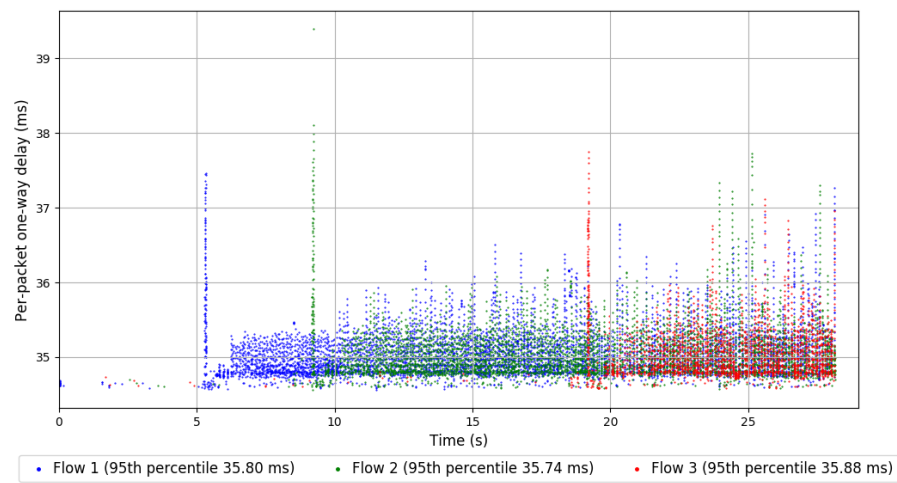
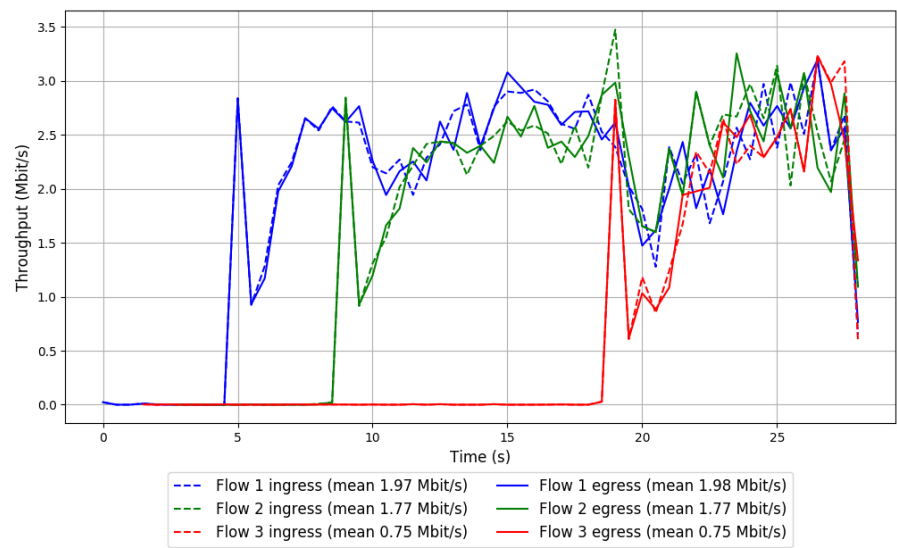


Run 7: Statistics of WebRTC media

Start at: 2018-01-02 09:16:08
End at: 2018-01-02 09:16:38
Local clock offset: -1.912 ms
Remote clock offset: -20.604 ms

Below is generated by plot.py at 2018-01-02 13:24:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.30 Mbit/s
95th percentile per-packet one-way delay: 35.803 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.98 Mbit/s
95th percentile per-packet one-way delay: 35.803 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.77 Mbit/s
95th percentile per-packet one-way delay: 35.740 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.75 Mbit/s
95th percentile per-packet one-way delay: 35.885 ms
Loss rate: 0.01%

Run 7: Report of WebRTC media — Data Link

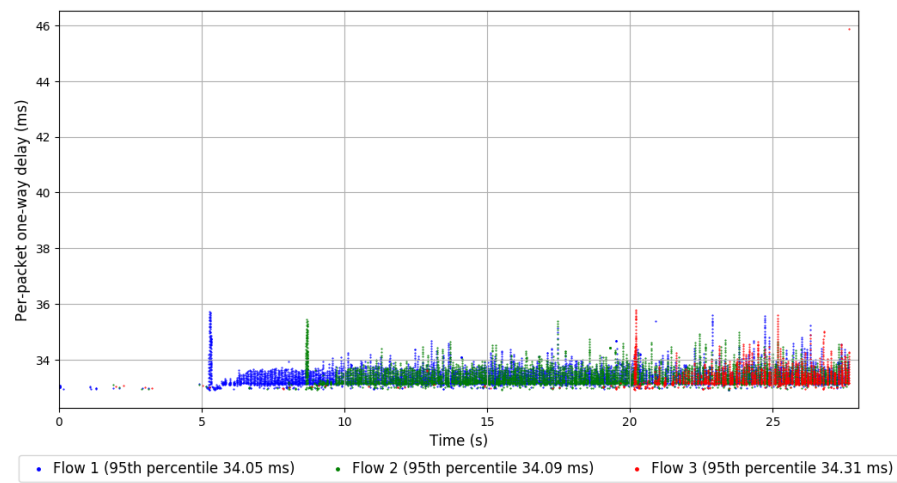
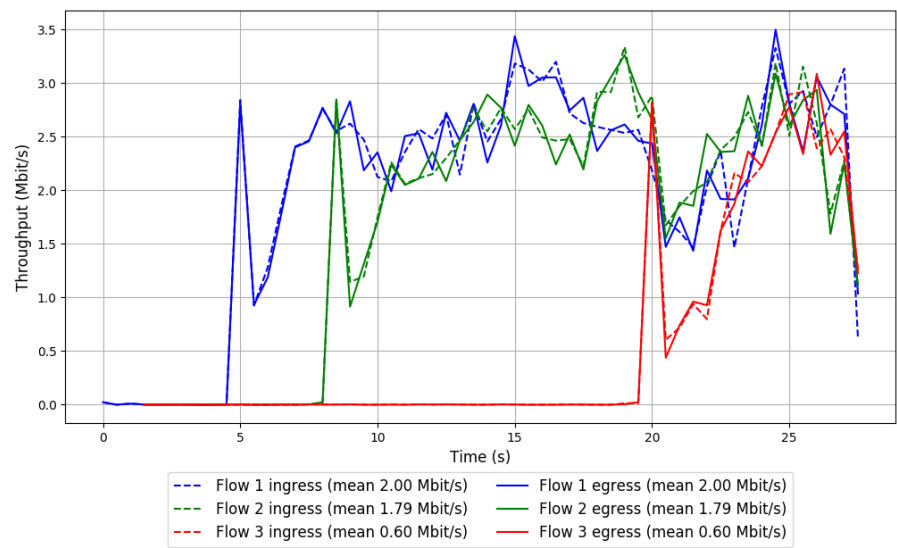


Run 8: Statistics of WebRTC media

Start at: 2018-01-02 09:34:00
End at: 2018-01-02 09:34:30
Local clock offset: 3.854 ms
Remote clock offset: -13.203 ms

Below is generated by plot.py at 2018-01-02 13:24:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.23 Mbit/s
95th percentile per-packet one-way delay: 34.106 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 2.00 Mbit/s
95th percentile per-packet one-way delay: 34.049 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.79 Mbit/s
95th percentile per-packet one-way delay: 34.095 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 34.306 ms
Loss rate: 0.13%

Run 8: Report of WebRTC media — Data Link

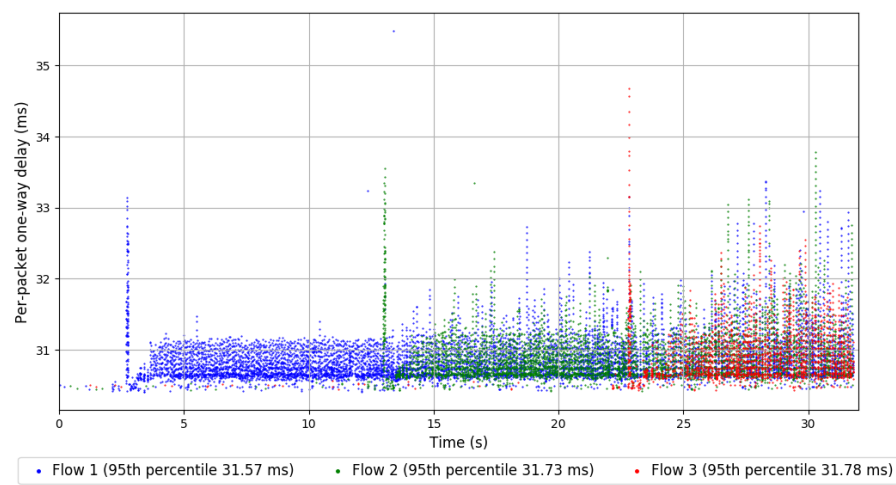
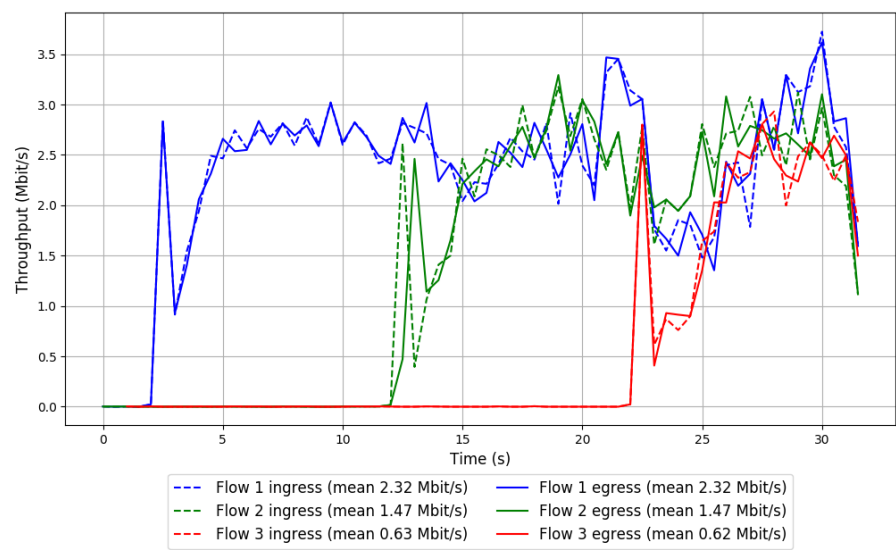


Run 9: Statistics of WebRTC media

Start at: 2018-01-02 09:51:45
End at: 2018-01-02 09:52:15
Local clock offset: 0.255 ms
Remote clock offset: -14.248 ms

Below is generated by plot.py at 2018-01-02 13:24:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.37 Mbit/s
95th percentile per-packet one-way delay: 31.658 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 31.570 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: 31.732 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: 31.777 ms
Loss rate: 0.87%

Run 9: Report of WebRTC media — Data Link

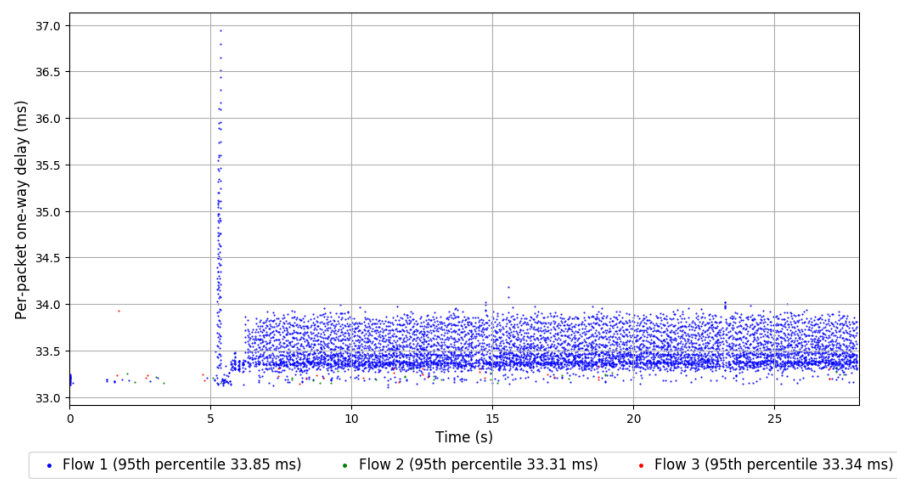
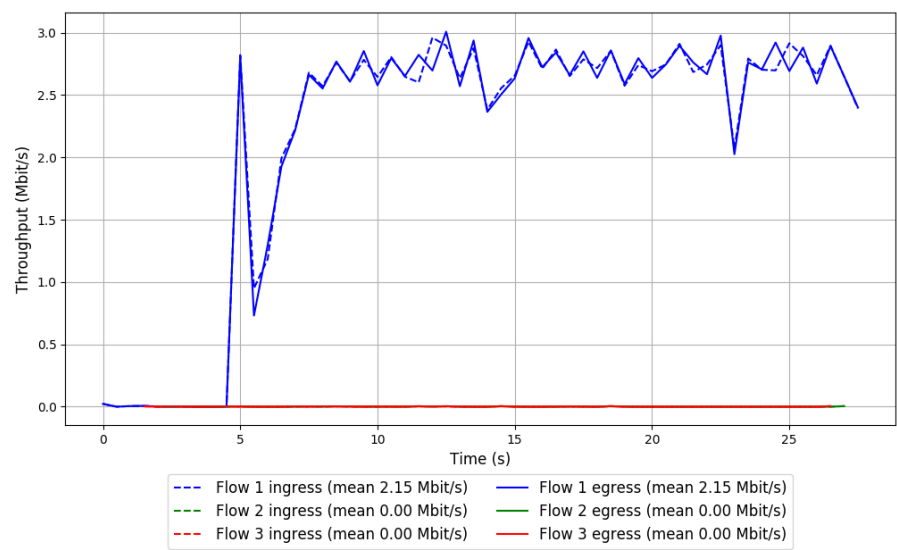


Run 10: Statistics of WebRTC media

Start at: 2018-01-02 10:09:41
End at: 2018-01-02 10:10:11
Local clock offset: 0.169 ms
Remote clock offset: -16.805 ms

Below is generated by plot.py at 2018-01-02 13:24:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.16 Mbit/s
95th percentile per-packet one-way delay: 33.851 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 2.15 Mbit/s
95th percentile per-packet one-way delay: 33.852 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 33.309 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 33.336 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

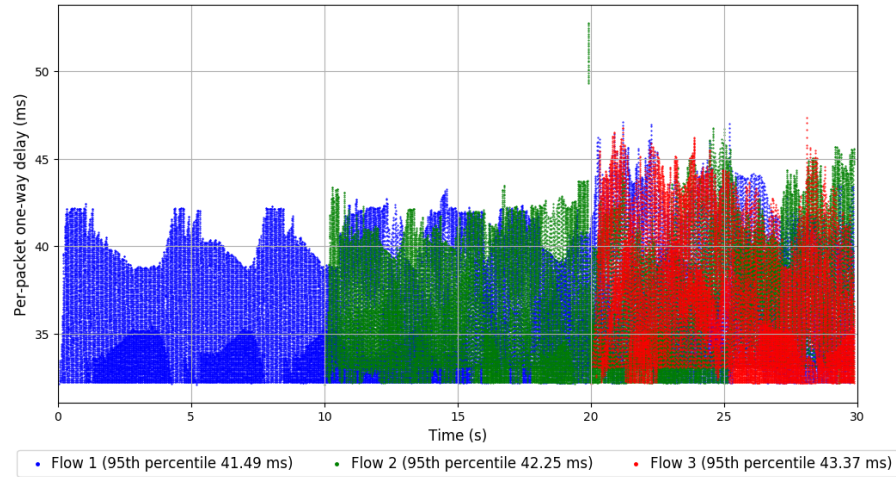
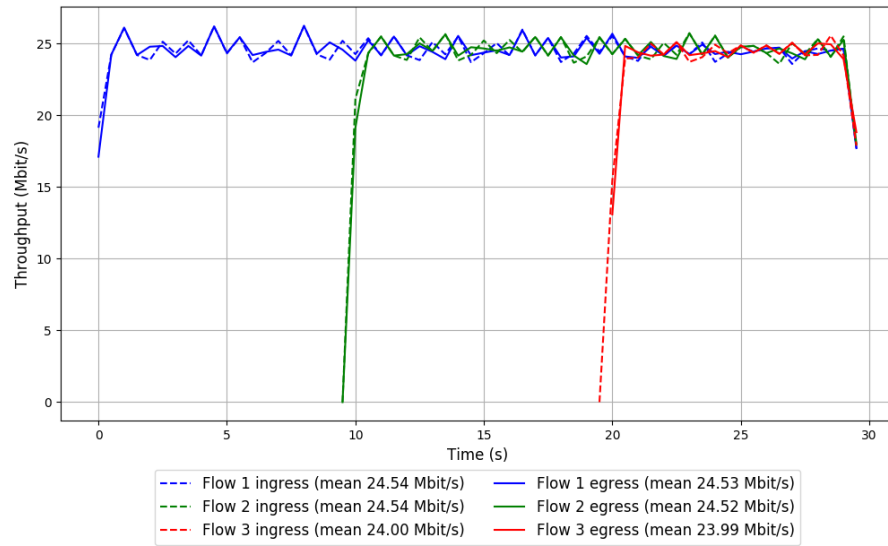


Run 1: Statistics of Sprout

Start at: 2018-01-02 07:17:18
End at: 2018-01-02 07:17:48
Local clock offset: 0.955 ms
Remote clock offset: -11.086 ms

Below is generated by plot.py at 2018-01-02 13:25:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.79 Mbit/s
95th percentile per-packet one-way delay: 42.118 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 24.53 Mbit/s
95th percentile per-packet one-way delay: 41.488 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 24.52 Mbit/s
95th percentile per-packet one-way delay: 42.251 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 23.99 Mbit/s
95th percentile per-packet one-way delay: 43.374 ms
Loss rate: 0.22%

Run 1: Report of Sprout — Data Link

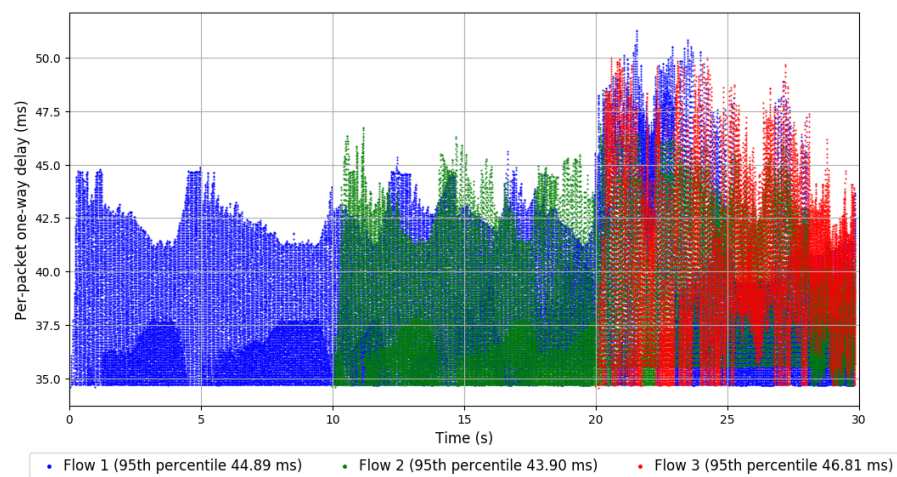
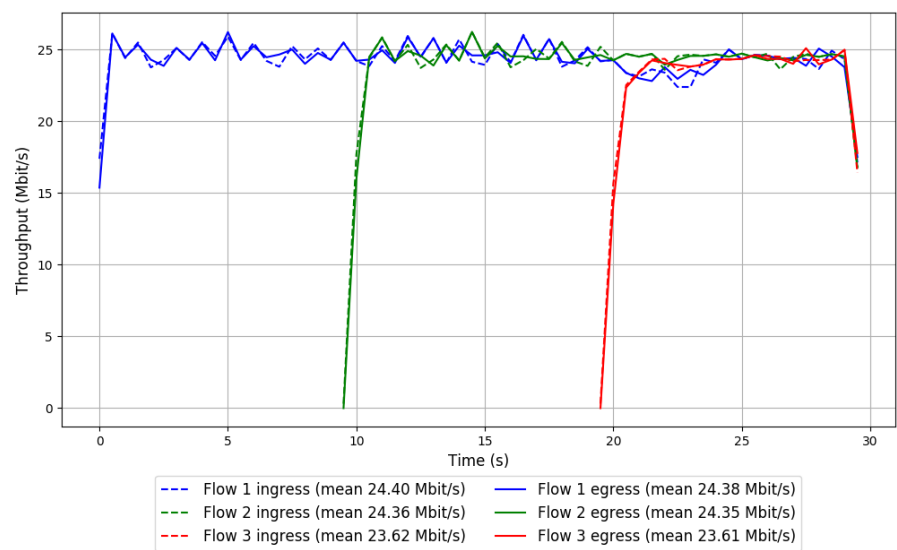


Run 2: Statistics of Sprout

Start at: 2018-01-02 07:35:34
End at: 2018-01-02 07:36:04
Local clock offset: 4.047 ms
Remote clock offset: -10.455 ms

Below is generated by plot.py at 2018-01-02 13:25:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.42 Mbit/s
95th percentile per-packet one-way delay: 44.952 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 24.38 Mbit/s
95th percentile per-packet one-way delay: 44.892 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 24.35 Mbit/s
95th percentile per-packet one-way delay: 43.903 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 23.61 Mbit/s
95th percentile per-packet one-way delay: 46.811 ms
Loss rate: 0.14%

Run 2: Report of Sprout — Data Link

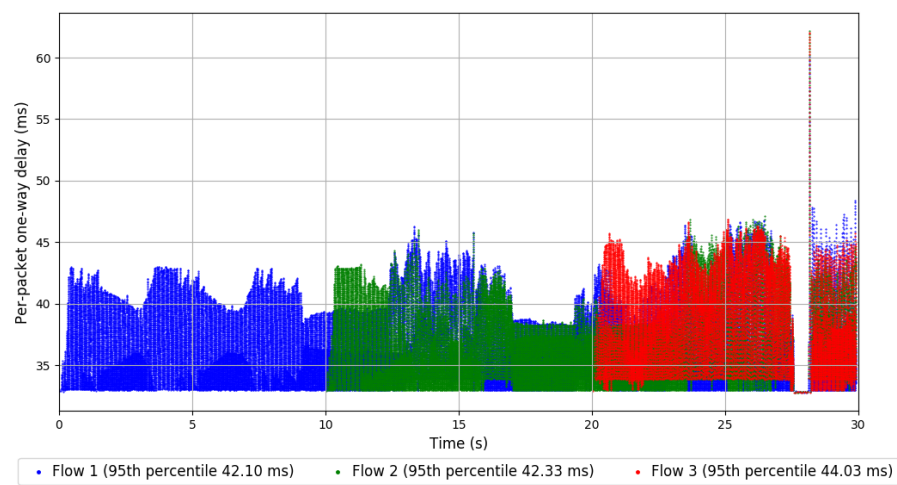
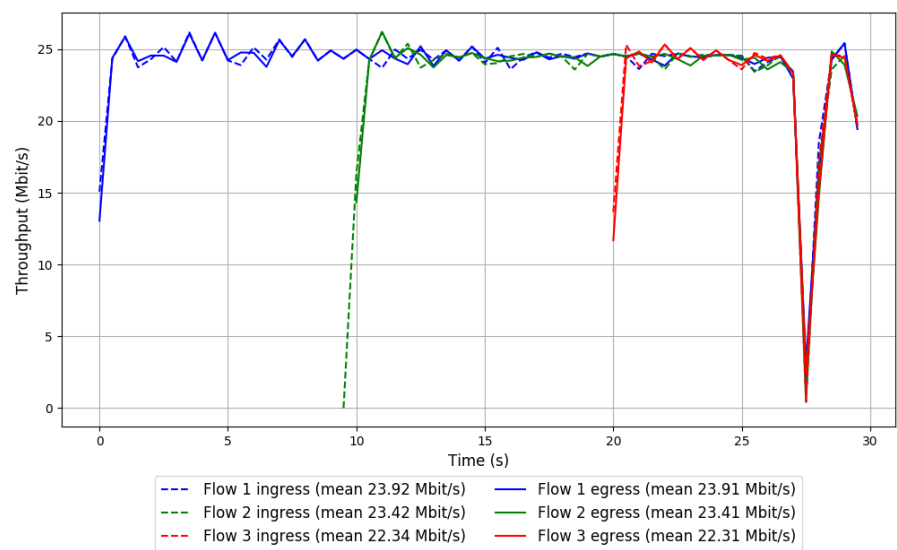


Run 3: Statistics of Sprout

Start at: 2018-01-02 07:53:49
End at: 2018-01-02 07:54:19
Local clock offset: 3.502 ms
Remote clock offset: -9.997 ms

```
# Below is generated by plot.py at 2018-01-02 13:25:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 46.85 Mbit/s
95th percentile per-packet one-way delay: 42.720 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 23.91 Mbit/s
95th percentile per-packet one-way delay: 42.096 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 23.41 Mbit/s
95th percentile per-packet one-way delay: 42.328 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 22.31 Mbit/s
95th percentile per-packet one-way delay: 44.028 ms
Loss rate: 0.45%
```


Run 3: Report of Sprout — Data Link

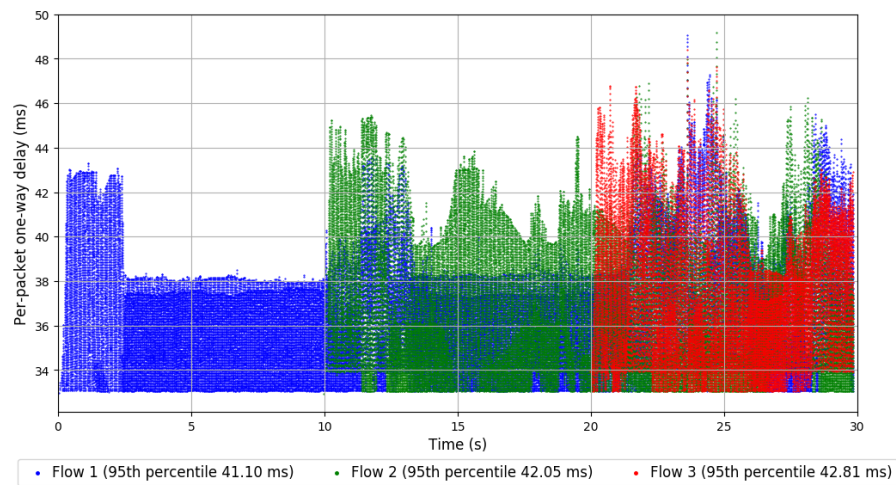
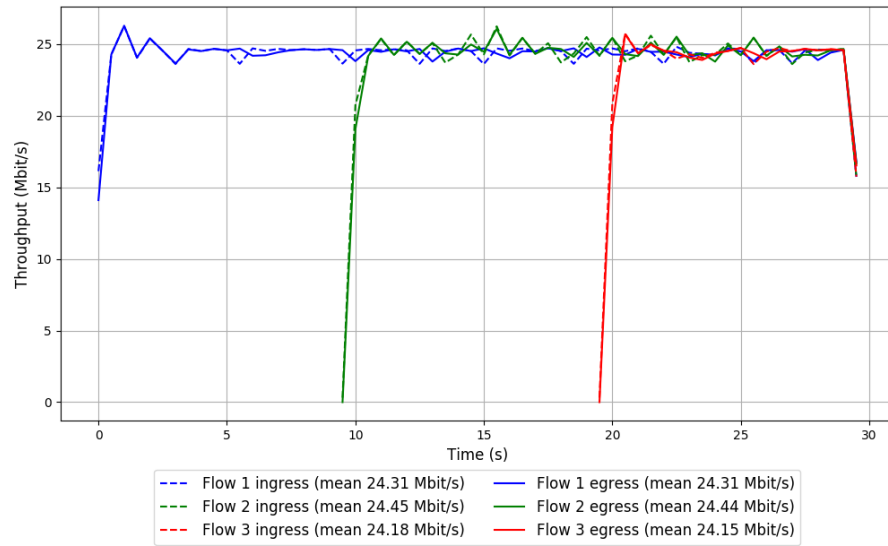


Run 4: Statistics of Sprout

Start at: 2018-01-02 08:12:00
End at: 2018-01-02 08:12:30
Local clock offset: 3.707 ms
Remote clock offset: -10.191 ms

```
# Below is generated by plot.py at 2018-01-02 13:25:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.59 Mbit/s
95th percentile per-packet one-way delay: 41.812 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 24.31 Mbit/s
95th percentile per-packet one-way delay: 41.103 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 24.44 Mbit/s
95th percentile per-packet one-way delay: 42.050 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 24.15 Mbit/s
95th percentile per-packet one-way delay: 42.814 ms
Loss rate: 0.25%
```

Run 4: Report of Sprout — Data Link

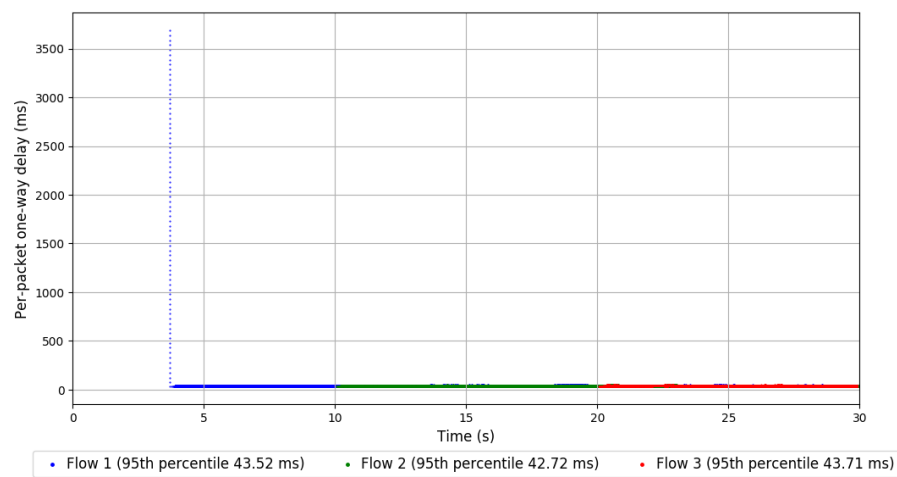
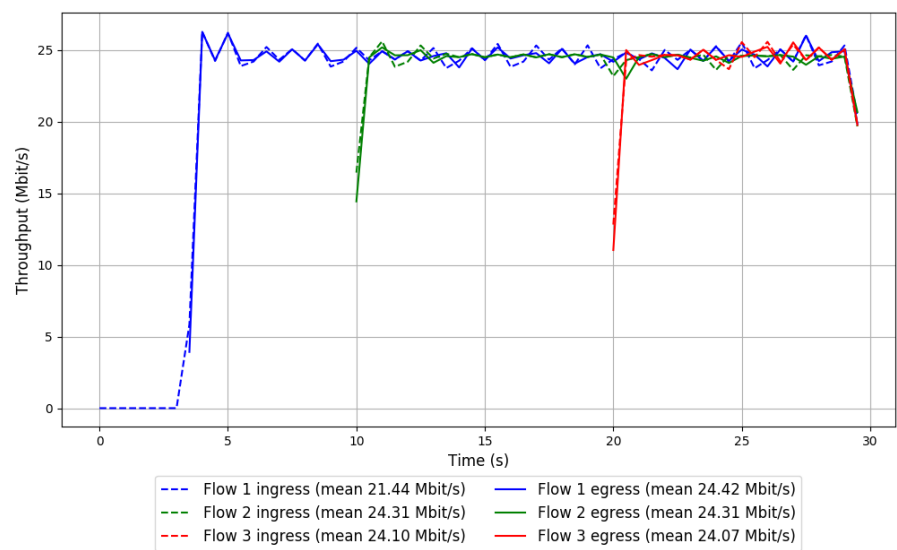


Run 5: Statistics of Sprout

Start at: 2018-01-02 08:30:24
End at: 2018-01-02 08:30:54
Local clock offset: 3.479 ms
Remote clock offset: -11.914 ms

Below is generated by plot.py at 2018-01-02 13:25:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 51.87 Mbit/s
95th percentile per-packet one-way delay: 43.251 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 24.42 Mbit/s
95th percentile per-packet one-way delay: 43.518 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 24.31 Mbit/s
95th percentile per-packet one-way delay: 42.717 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 24.07 Mbit/s
95th percentile per-packet one-way delay: 43.708 ms
Loss rate: 0.42%

Run 5: Report of Sprout — Data Link

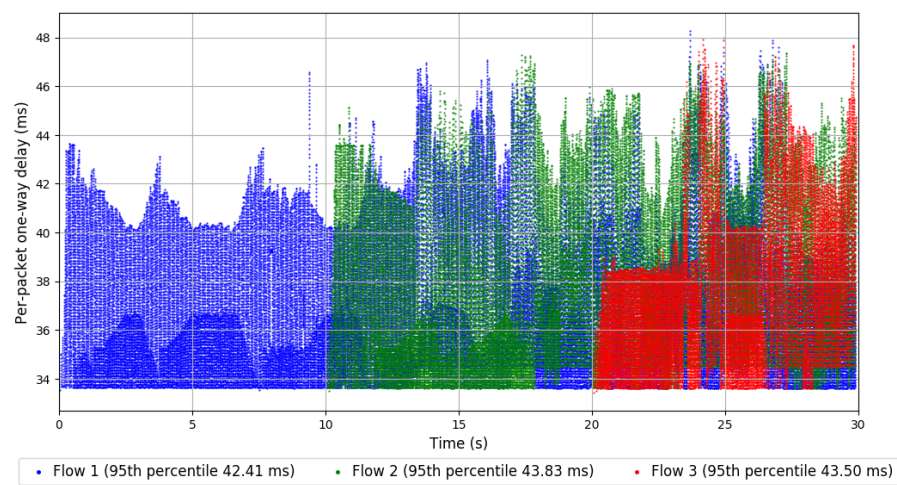
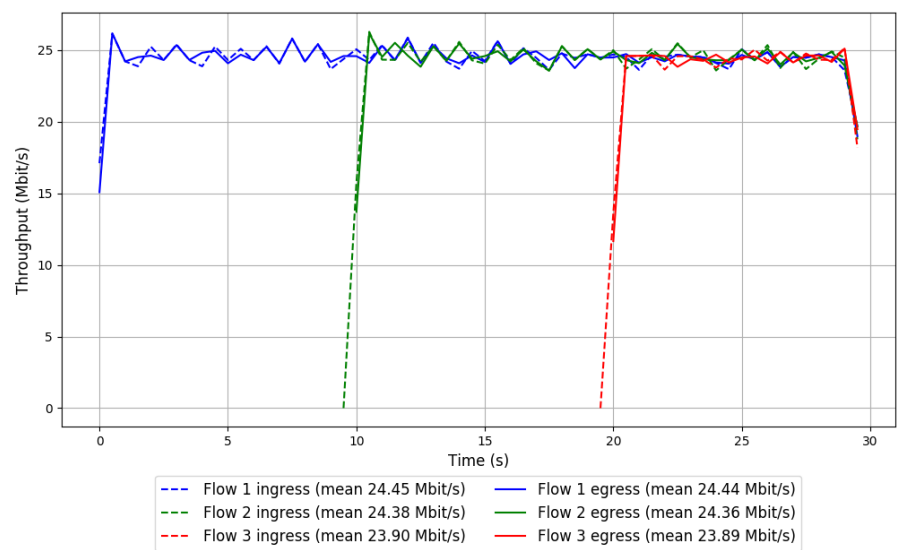


Run 6: Statistics of Sprout

Start at: 2018-01-02 08:48:41
End at: 2018-01-02 08:49:11
Local clock offset: 3.502 ms
Remote clock offset: -12.287 ms

Below is generated by plot.py at 2018-01-02 13:25:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.54 Mbit/s
95th percentile per-packet one-way delay: 43.277 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 24.44 Mbit/s
95th percentile per-packet one-way delay: 42.405 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 24.36 Mbit/s
95th percentile per-packet one-way delay: 43.826 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 23.89 Mbit/s
95th percentile per-packet one-way delay: 43.496 ms
Loss rate: 0.15%

Run 6: Report of Sprout — Data Link

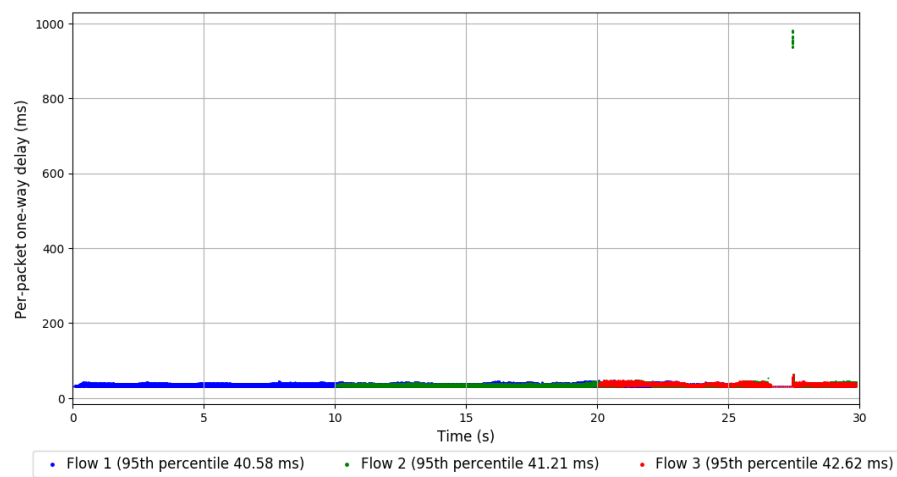
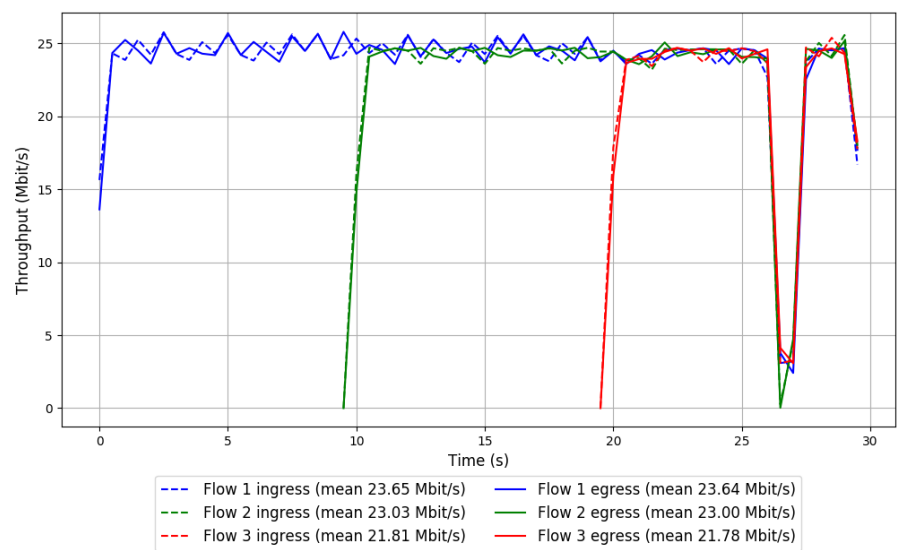


Run 7: Statistics of Sprout

Start at: 2018-01-02 09:06:34
End at: 2018-01-02 09:07:04
Local clock offset: 1.219 ms
Remote clock offset: -13.721 ms

Below is generated by plot.py at 2018-01-02 13:25:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 46.16 Mbit/s
95th percentile per-packet one-way delay: 41.145 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 23.64 Mbit/s
95th percentile per-packet one-way delay: 40.576 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 23.00 Mbit/s
95th percentile per-packet one-way delay: 41.211 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 21.78 Mbit/s
95th percentile per-packet one-way delay: 42.621 ms
Loss rate: 0.34%

Run 7: Report of Sprout — Data Link

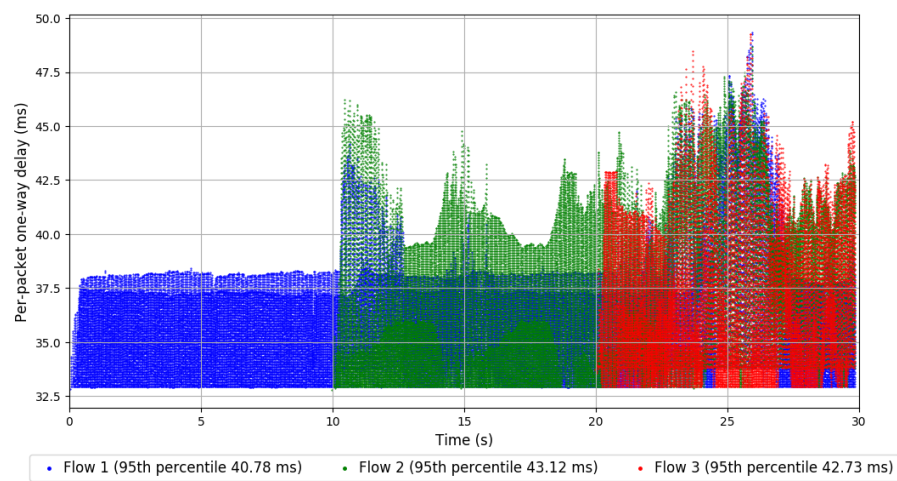
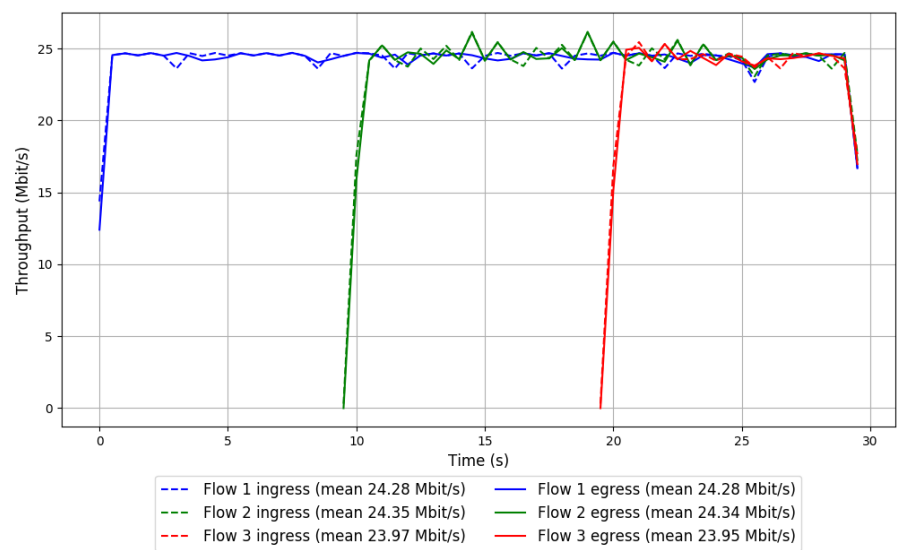


Run 8: Statistics of Sprout

Start at: 2018-01-02 09:24:32
End at: 2018-01-02 09:25:02
Local clock offset: 3.866 ms
Remote clock offset: -13.127 ms

Below is generated by plot.py at 2018-01-02 13:25:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.41 Mbit/s
95th percentile per-packet one-way delay: 42.348 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 24.28 Mbit/s
95th percentile per-packet one-way delay: 40.784 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 24.34 Mbit/s
95th percentile per-packet one-way delay: 43.119 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 23.95 Mbit/s
95th percentile per-packet one-way delay: 42.730 ms
Loss rate: 0.41%

Run 8: Report of Sprout — Data Link

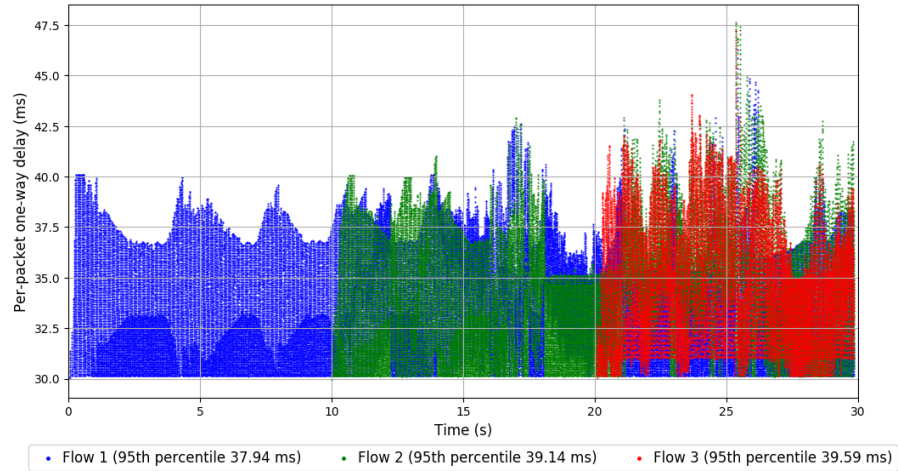
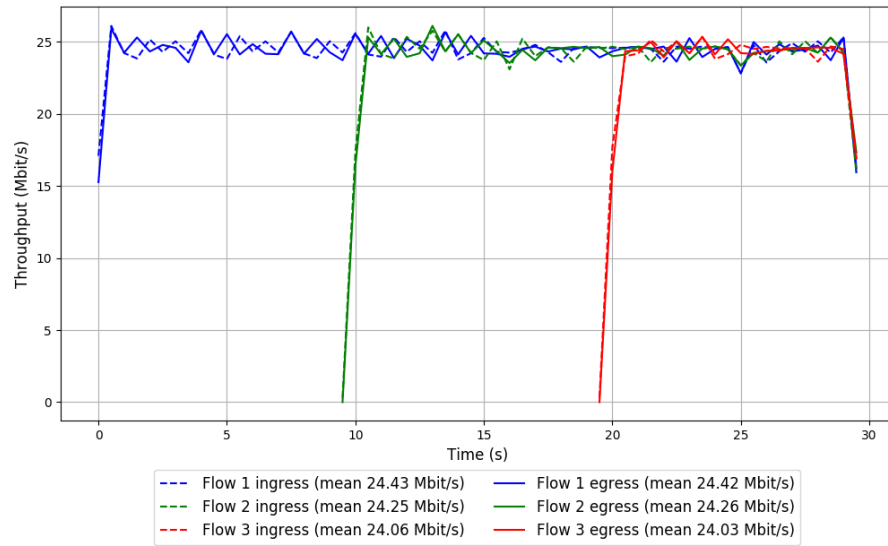


Run 9: Statistics of Sprout

Start at: 2018-01-02 09:42:14
End at: 2018-01-02 09:42:44
Local clock offset: -0.189 ms
Remote clock offset: -14.259 ms

Below is generated by plot.py at 2018-01-02 13:25:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.53 Mbit/s
95th percentile per-packet one-way delay: 38.710 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 24.42 Mbit/s
95th percentile per-packet one-way delay: 37.944 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 24.26 Mbit/s
95th percentile per-packet one-way delay: 39.138 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 24.03 Mbit/s
95th percentile per-packet one-way delay: 39.594 ms
Loss rate: 0.28%

Run 9: Report of Sprout — Data Link

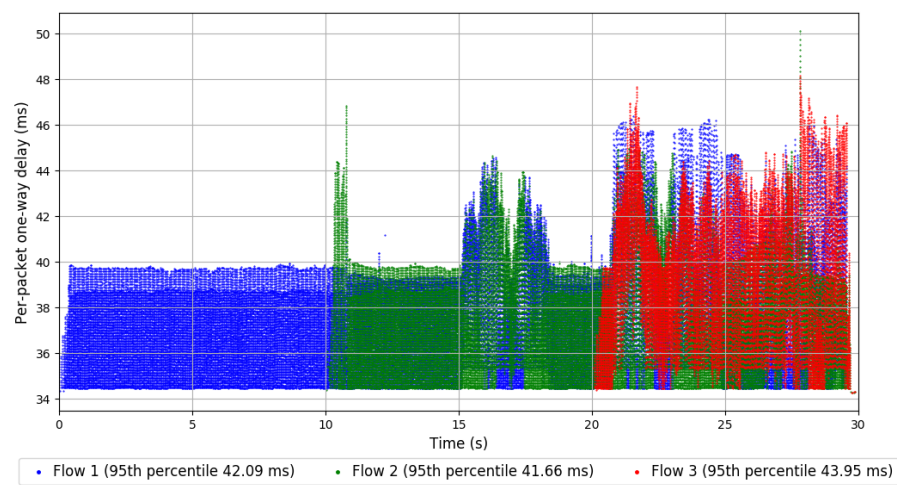
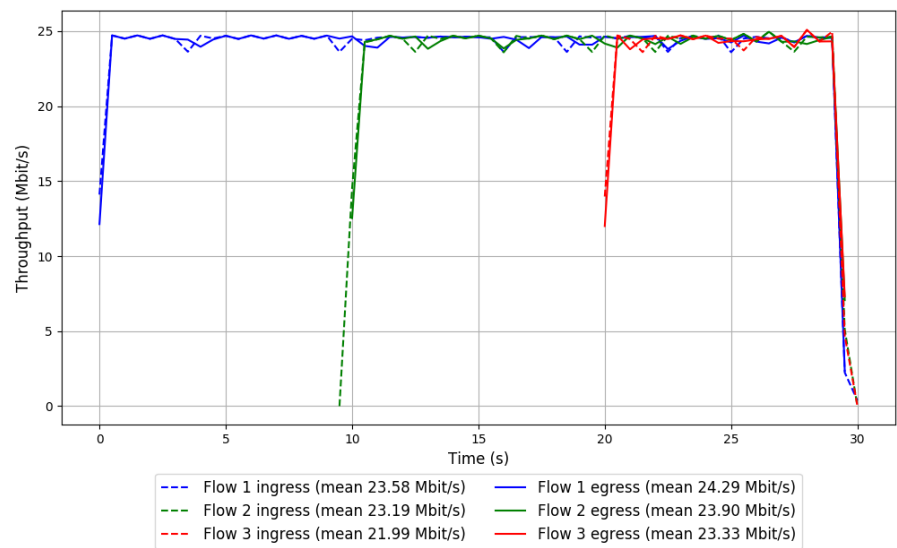


Run 10: Statistics of Sprout

Start at: 2018-01-02 09:59:58
End at: 2018-01-02 10:00:28
Local clock offset: 3.553 ms
Remote clock offset: -14.758 ms

Below is generated by plot.py at 2018-01-02 13:25:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 47.61 Mbit/s
95th percentile per-packet one-way delay: 42.543 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 24.29 Mbit/s
95th percentile per-packet one-way delay: 42.088 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 23.90 Mbit/s
95th percentile per-packet one-way delay: 41.663 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 23.33 Mbit/s
95th percentile per-packet one-way delay: 43.955 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

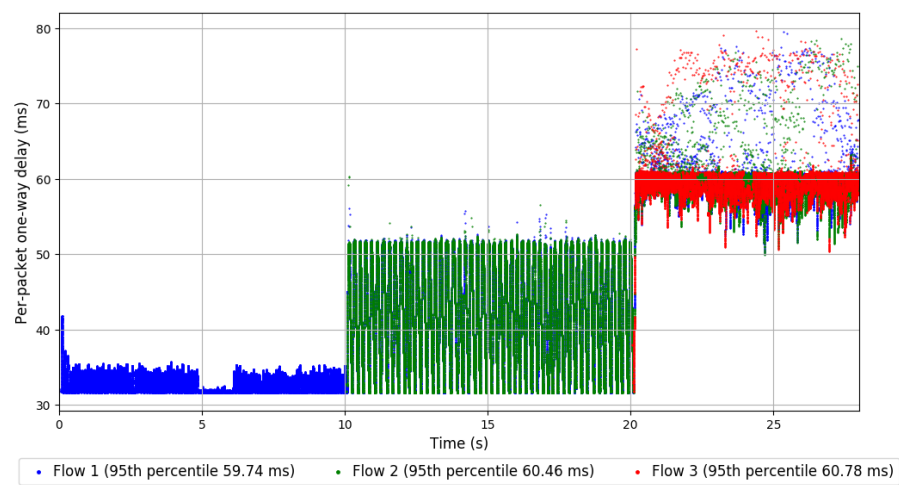
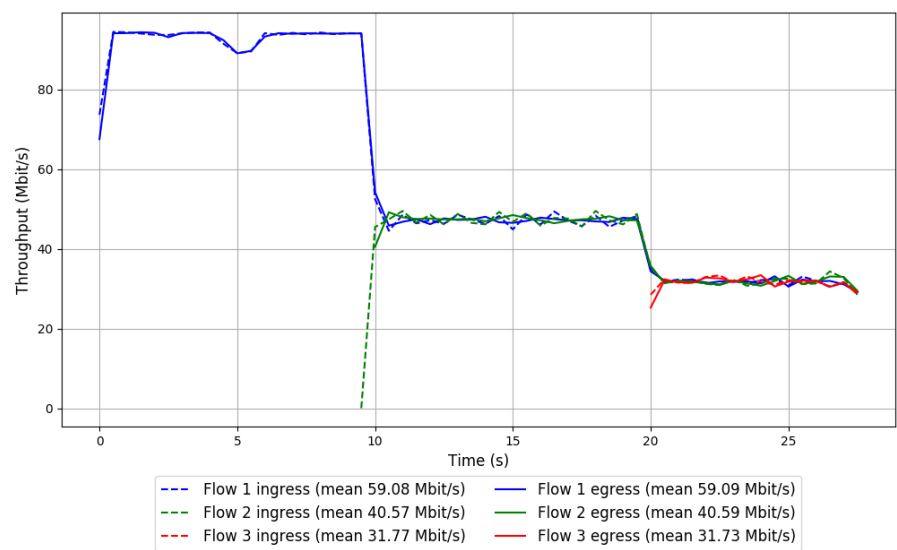


Run 1: Statistics of TaoVA-100x

Start at: 2018-01-02 07:21:58
End at: 2018-01-02 07:22:28
Local clock offset: 2.535 ms
Remote clock offset: -9.171 ms

Below is generated by plot.py at 2018-01-02 13:27:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.11 Mbit/s
95th percentile per-packet one-way delay: 60.329 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 59.09 Mbit/s
95th percentile per-packet one-way delay: 59.741 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.59 Mbit/s
95th percentile per-packet one-way delay: 60.457 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 31.73 Mbit/s
95th percentile per-packet one-way delay: 60.776 ms
Loss rate: 0.62%

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



Run 2: Statistics of TaoVA-100x

Start at: 2018-01-02 07:40:16

End at: 2018-01-02 07:40:46

Local clock offset: 1.66 ms

Remote clock offset: -9.75 ms

Below is generated by plot.py at 2018-01-02 13:27:37

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.79 Mbit/s

95th percentile per-packet one-way delay: 60.208 ms

Loss rate: 0.21%

-- Flow 1:

Average throughput: 58.65 Mbit/s

95th percentile per-packet one-way delay: 59.700 ms

Loss rate: 0.13%

-- Flow 2:

Average throughput: 40.63 Mbit/s

95th percentile per-packet one-way delay: 60.328 ms

Loss rate: 0.24%

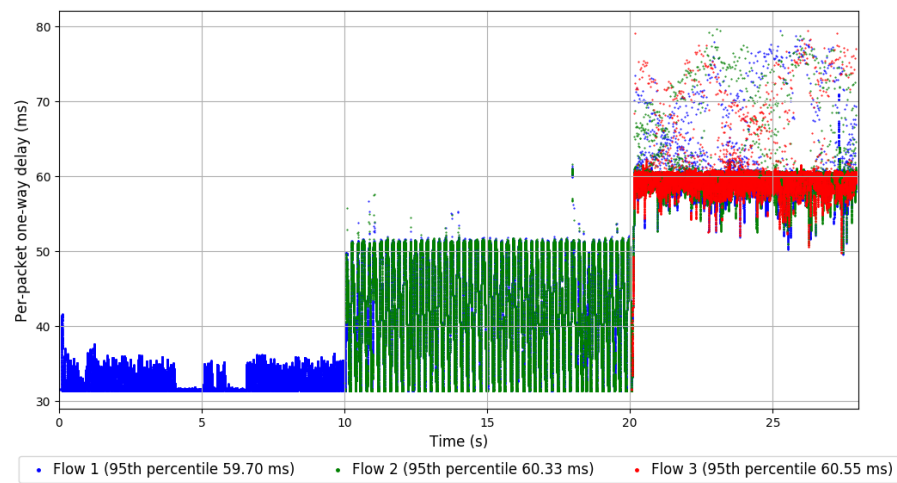
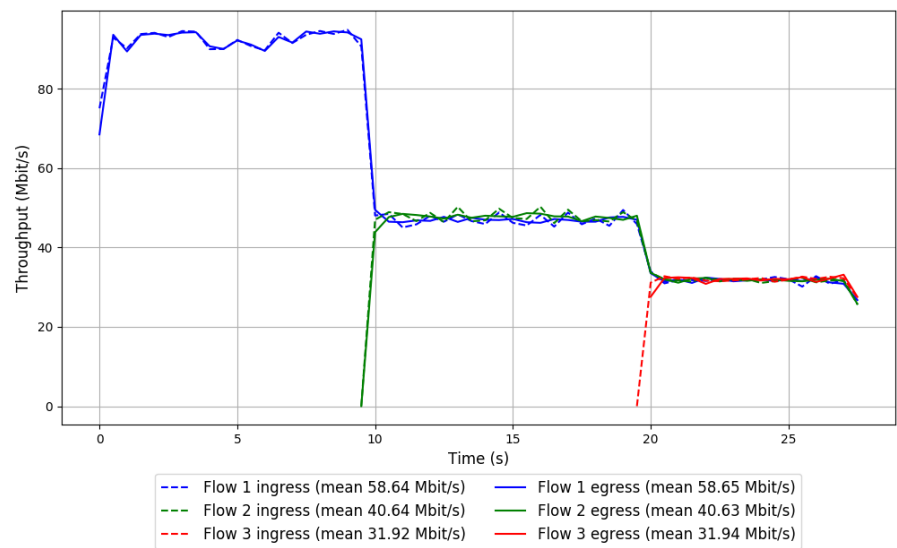
-- Flow 3:

Average throughput: 31.94 Mbit/s

95th percentile per-packet one-way delay: 60.552 ms

Loss rate: 0.68%

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

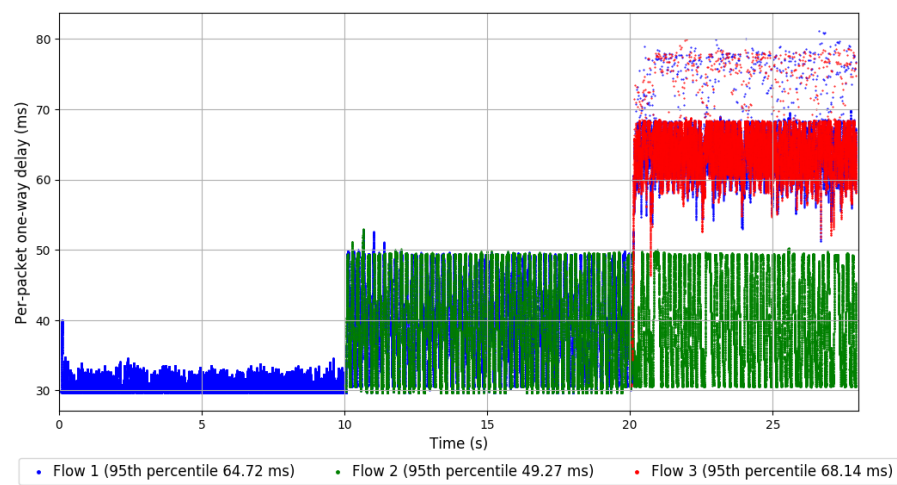
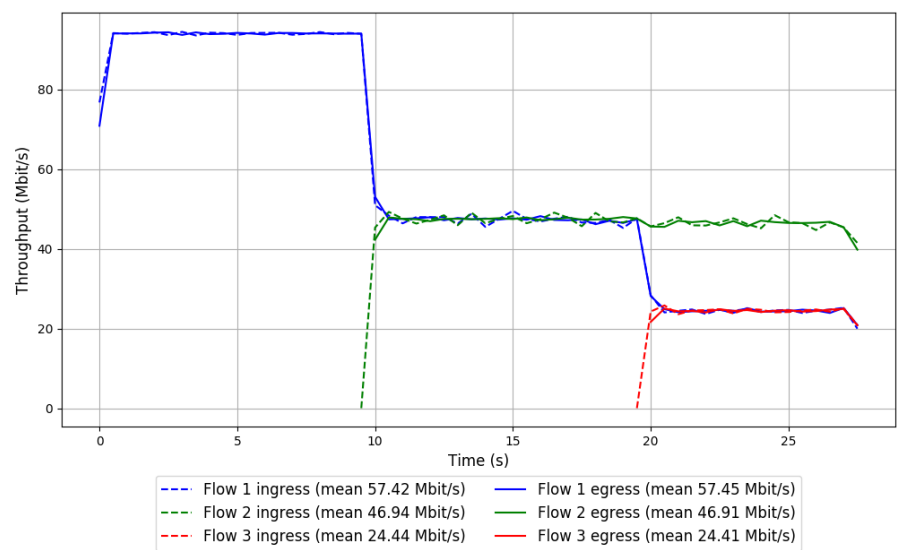


Run 3: Statistics of TaoVA-100x

Start at: 2018-01-02 07:58:31
End at: 2018-01-02 07:59:01
Local clock offset: 0.877 ms
Remote clock offset: -9.384 ms

Below is generated by plot.py at 2018-01-02 13:27:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.50 Mbit/s
95th percentile per-packet one-way delay: 65.376 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 57.45 Mbit/s
95th percentile per-packet one-way delay: 64.723 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 46.91 Mbit/s
95th percentile per-packet one-way delay: 49.271 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 24.41 Mbit/s
95th percentile per-packet one-way delay: 68.136 ms
Loss rate: 0.81%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-01-02 08:16:39

End at: 2018-01-02 08:17:09

Local clock offset: 2.328 ms

Remote clock offset: -10.7 ms

Below is generated by plot.py at 2018-01-02 13:27:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.32 Mbit/s

95th percentile per-packet one-way delay: 68.191 ms

Loss rate: 0.16%

-- Flow 1:

Average throughput: 56.22 Mbit/s

95th percentile per-packet one-way delay: 67.483 ms

Loss rate: 0.09%

-- Flow 2:

Average throughput: 47.01 Mbit/s

95th percentile per-packet one-way delay: 51.688 ms

Loss rate: 0.15%

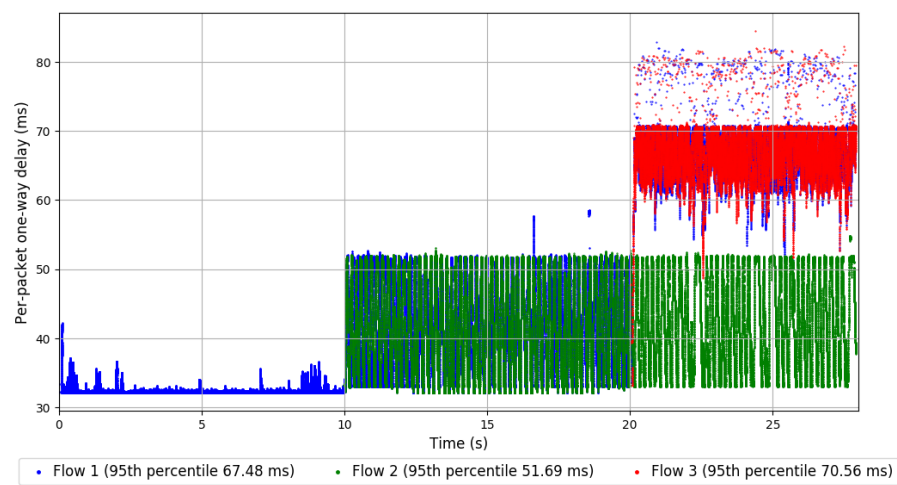
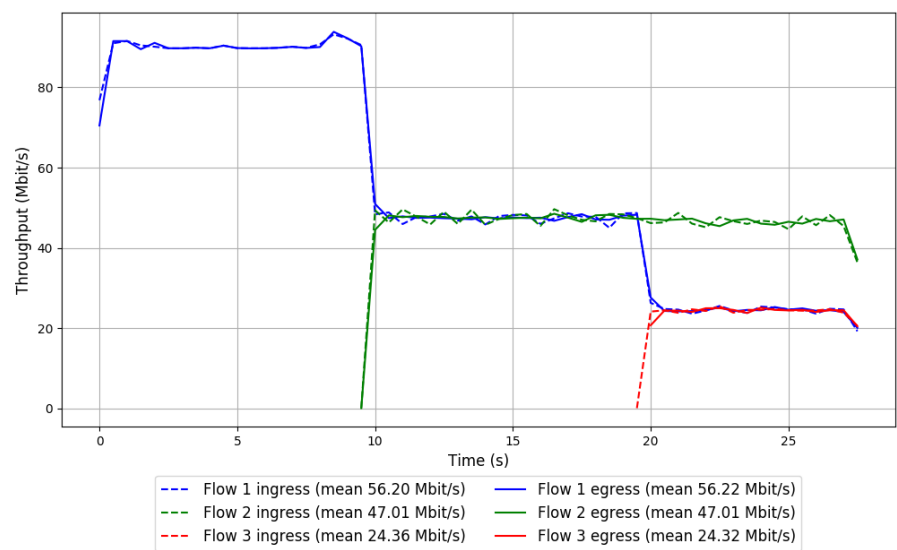
-- Flow 3:

Average throughput: 24.32 Mbit/s

95th percentile per-packet one-way delay: 70.557 ms

Loss rate: 0.80%

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

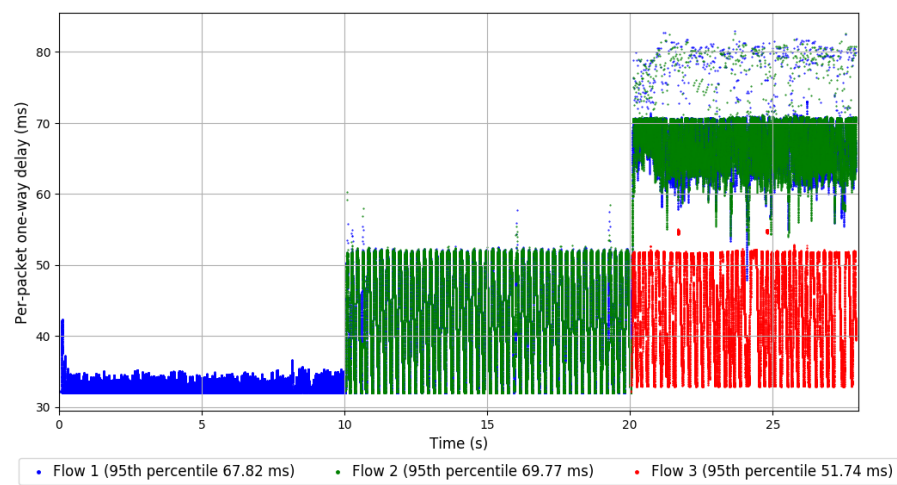
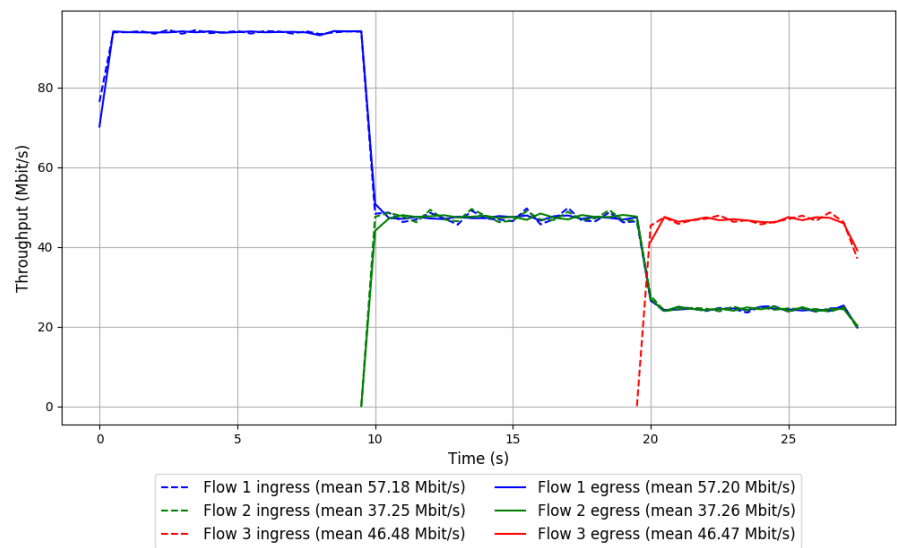


Run 5: Statistics of TaoVA-100x

Start at: 2018-01-02 08:35:04
End at: 2018-01-02 08:35:34
Local clock offset: 1.998 ms
Remote clock offset: -11.284 ms

Below is generated by plot.py at 2018-01-02 13:27:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.33 Mbit/s
95th percentile per-packet one-way delay: 68.385 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 57.20 Mbit/s
95th percentile per-packet one-way delay: 67.816 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 37.26 Mbit/s
95th percentile per-packet one-way delay: 69.773 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 46.47 Mbit/s
95th percentile per-packet one-way delay: 51.745 ms
Loss rate: 0.36%

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

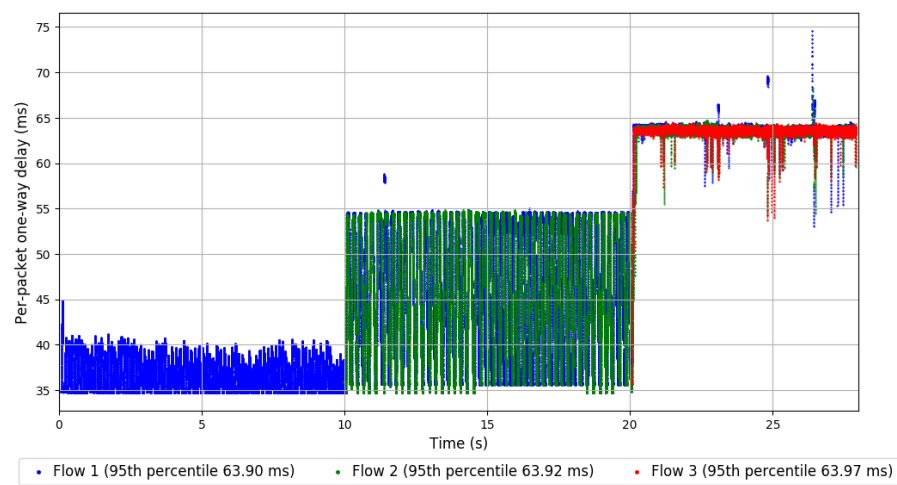
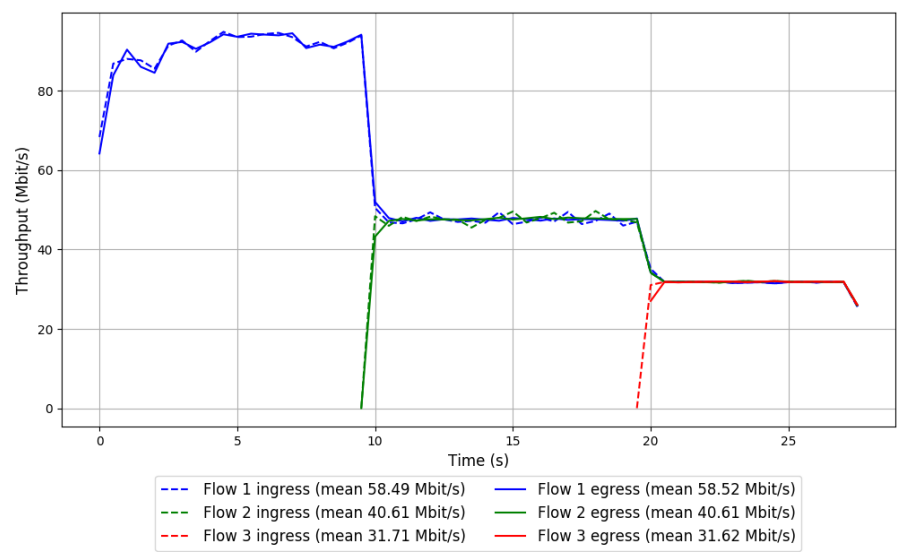


Run 6: Statistics of TaoVA-100x

Start at: 2018-01-02 08:53:25
End at: 2018-01-02 08:53:55
Local clock offset: 1.202 ms
Remote clock offset: -11.668 ms

Below is generated by plot.py at 2018-01-02 13:27:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.59 Mbit/s
95th percentile per-packet one-way delay: 63.920 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 58.52 Mbit/s
95th percentile per-packet one-way delay: 63.899 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 40.61 Mbit/s
95th percentile per-packet one-way delay: 63.921 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 31.62 Mbit/s
95th percentile per-packet one-way delay: 63.970 ms
Loss rate: 0.75%

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

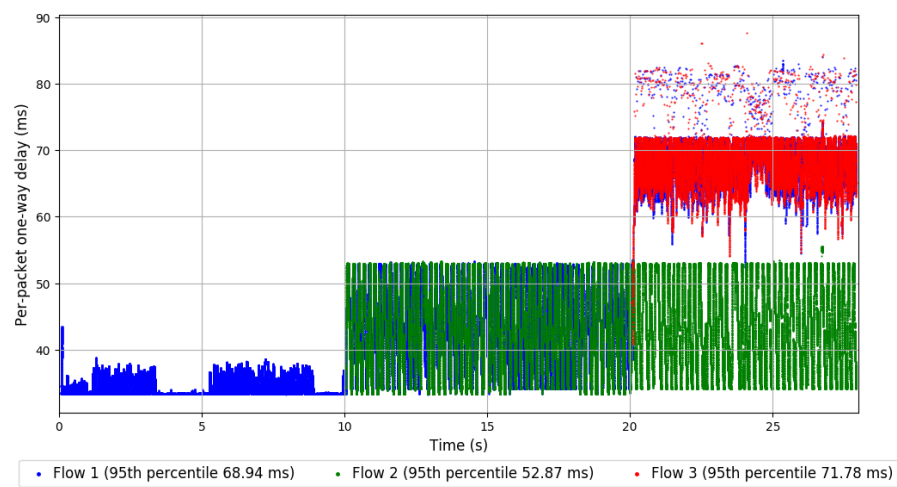
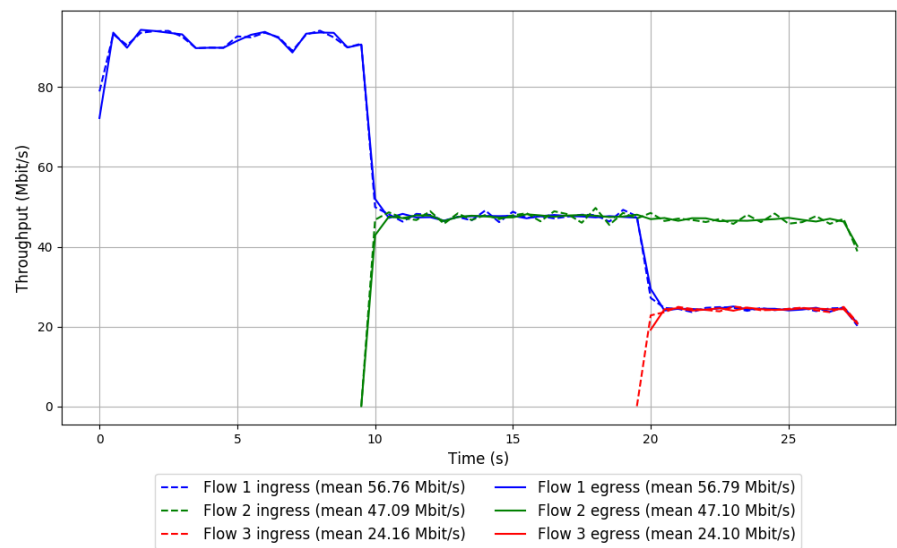


Run 7: Statistics of TaoVA-100x

Start at: 2018-01-02 09:11:16
End at: 2018-01-02 09:11:46
Local clock offset: 3.208 ms
Remote clock offset: -13.795 ms

Below is generated by plot.py at 2018-01-02 13:28:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.88 Mbit/s
95th percentile per-packet one-way delay: 69.506 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 56.79 Mbit/s
95th percentile per-packet one-way delay: 68.939 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 47.10 Mbit/s
95th percentile per-packet one-way delay: 52.871 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 24.10 Mbit/s
95th percentile per-packet one-way delay: 71.781 ms
Loss rate: 0.92%

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

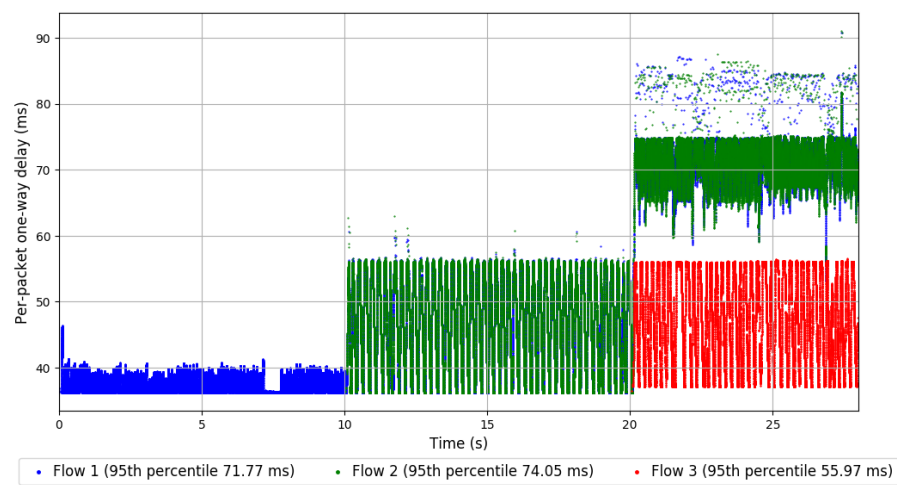
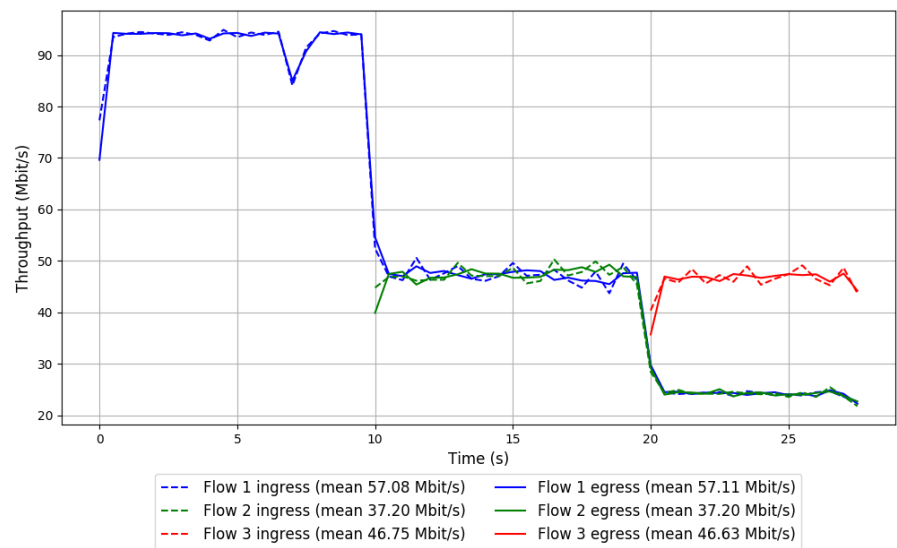


Run 8: Statistics of TaoVA-100x

Start at: 2018-01-02 09:29:09
End at: 2018-01-02 09:29:39
Local clock offset: 3.386 ms
Remote clock offset: -16.877 ms

Below is generated by plot.py at 2018-01-02 13:28:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.18 Mbit/s
95th percentile per-packet one-way delay: 72.574 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 57.11 Mbit/s
95th percentile per-packet one-way delay: 71.770 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 37.20 Mbit/s
95th percentile per-packet one-way delay: 74.045 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 46.63 Mbit/s
95th percentile per-packet one-way delay: 55.965 ms
Loss rate: 0.58%

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

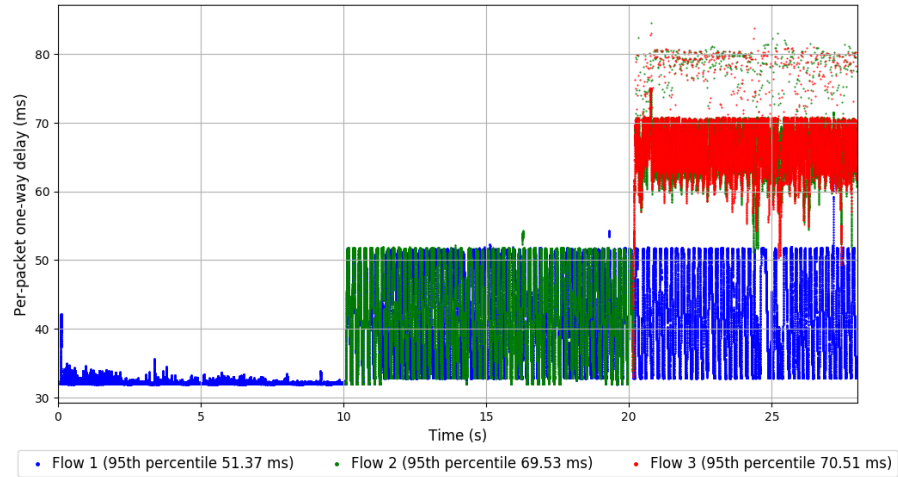
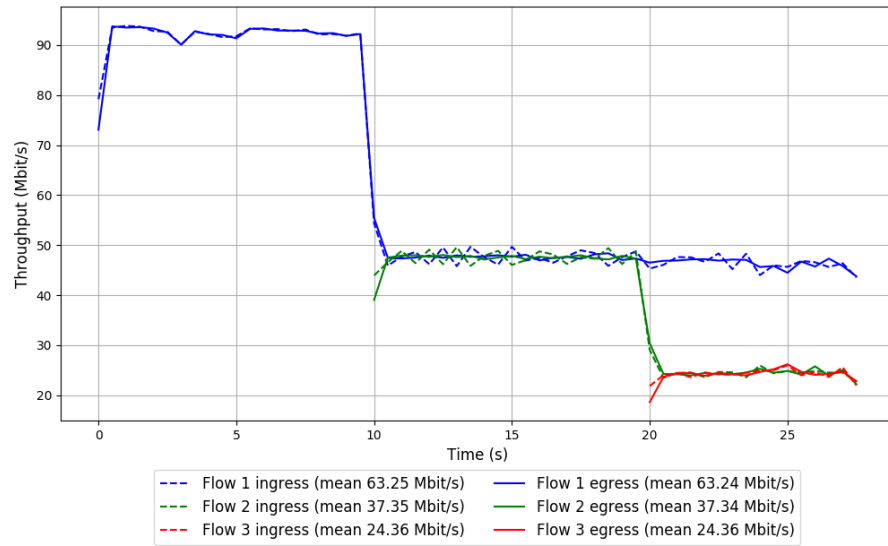


Run 9: Statistics of TaoVA-100x

Start at: 2018-01-02 09:46:55
End at: 2018-01-02 09:47:25
Local clock offset: 0.747 ms
Remote clock offset: -15.101 ms

Below is generated by plot.py at 2018-01-02 13:30:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.09 Mbit/s
95th percentile per-packet one-way delay: 67.761 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 63.24 Mbit/s
95th percentile per-packet one-way delay: 51.373 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 37.34 Mbit/s
95th percentile per-packet one-way delay: 69.530 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 24.36 Mbit/s
95th percentile per-packet one-way delay: 70.508 ms
Loss rate: 0.72%

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

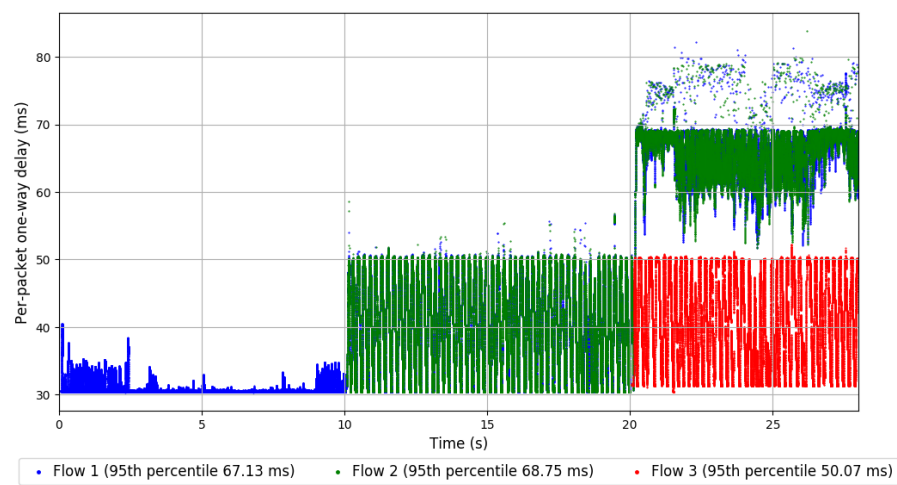
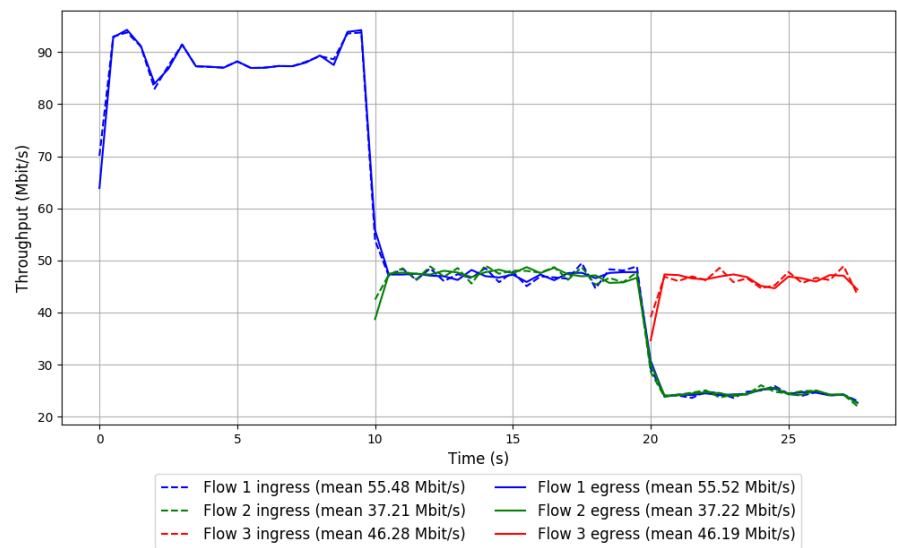


```
Run 10: Statistics of TaoVA-100x

Start at: 2018-01-02 10:04:41
End at: 2018-01-02 10:05:11
Local clock offset: 0.903 ms
Remote clock offset: -13.323 ms

# Below is generated by plot.py at 2018-01-02 13:30:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.47 Mbit/s
95th percentile per-packet one-way delay: 67.774 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 55.52 Mbit/s
95th percentile per-packet one-way delay: 67.129 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 37.22 Mbit/s
95th percentile per-packet one-way delay: 68.746 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 46.19 Mbit/s
95th percentile per-packet one-way delay: 50.073 ms
Loss rate: 0.52%
```

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

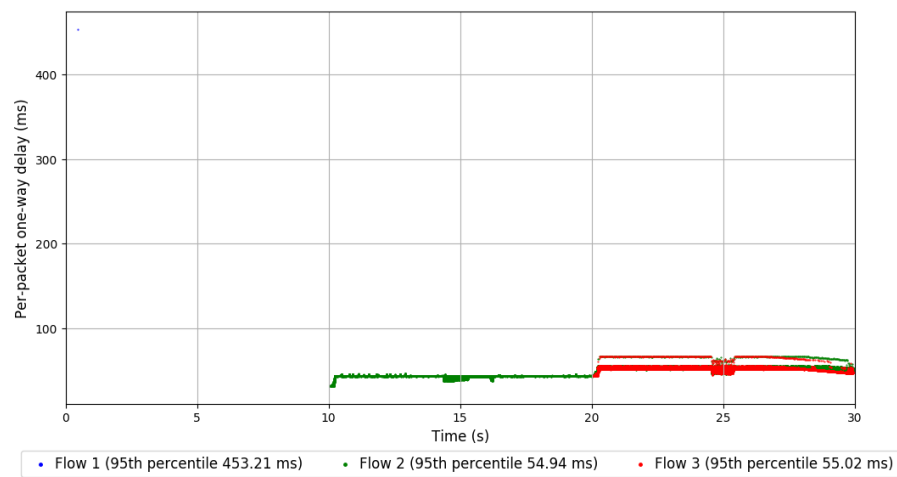
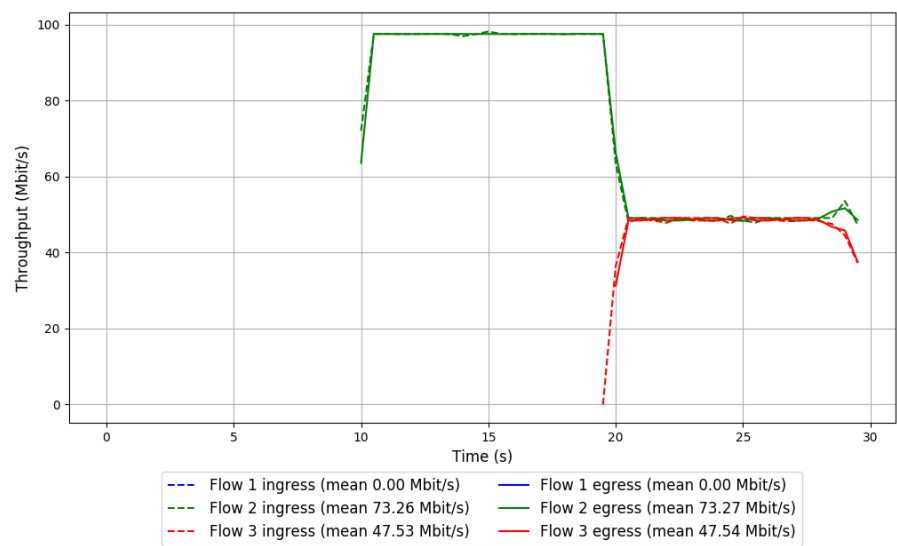


Run 1: Statistics of TCP Vegas

Start at: 2018-01-02 07:31:38
End at: 2018-01-02 07:32:08
Local clock offset: 1.114 ms
Remote clock offset: -9.944 ms

Below is generated by plot.py at 2018-01-02 13:30:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 65.38 Mbit/s
95th percentile per-packet one-way delay: 54.968 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 453.215 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 73.27 Mbit/s
95th percentile per-packet one-way delay: 54.939 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 47.54 Mbit/s
95th percentile per-packet one-way delay: 55.017 ms
Loss rate: 0.37%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

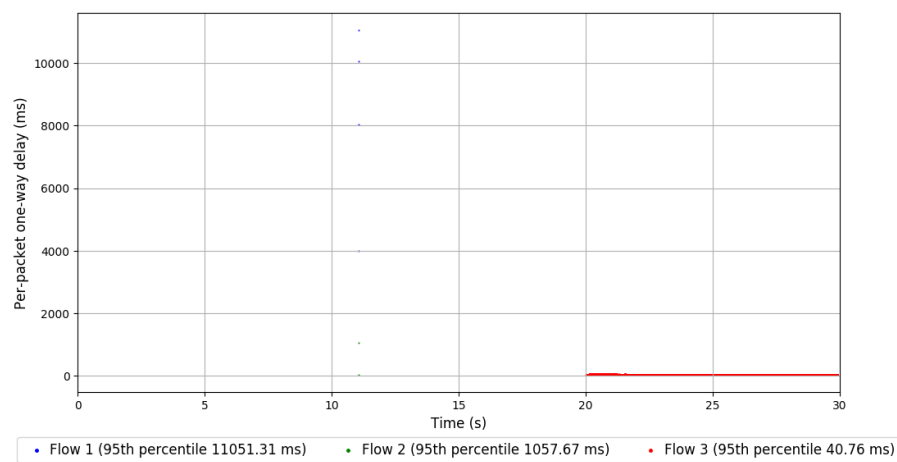
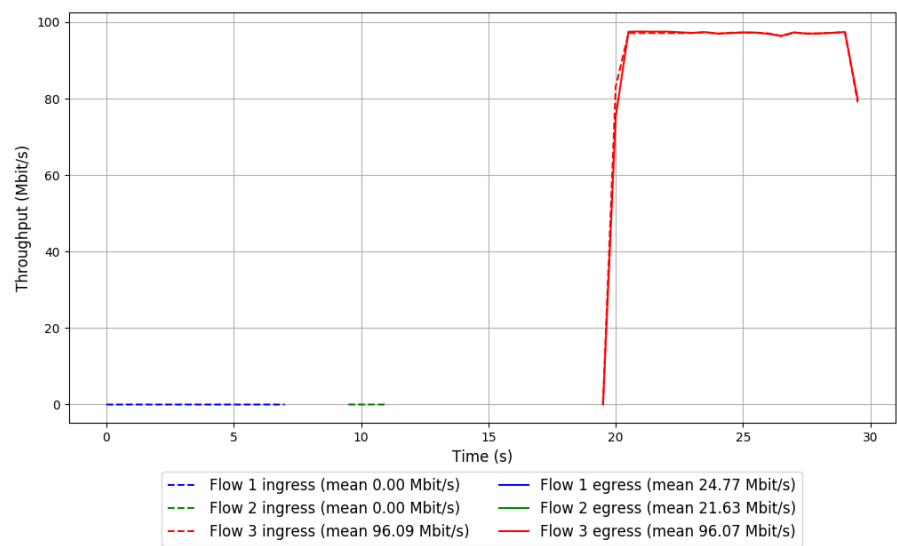
Start at: 2018-01-02 07:50:12

End at: 2018-01-02 07:50:42

Local clock offset: 0.579 ms

Remote clock offset: -10.907 ms

Run 2: Report of TCP Vegas — Data Link

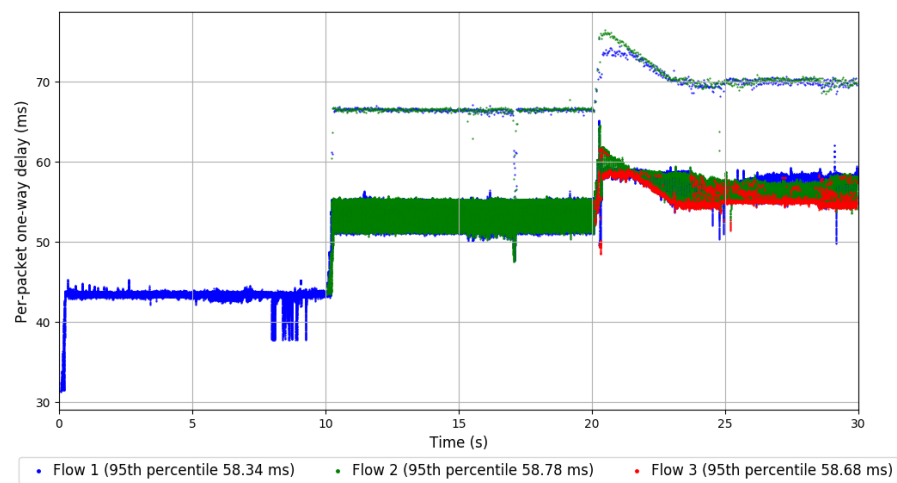
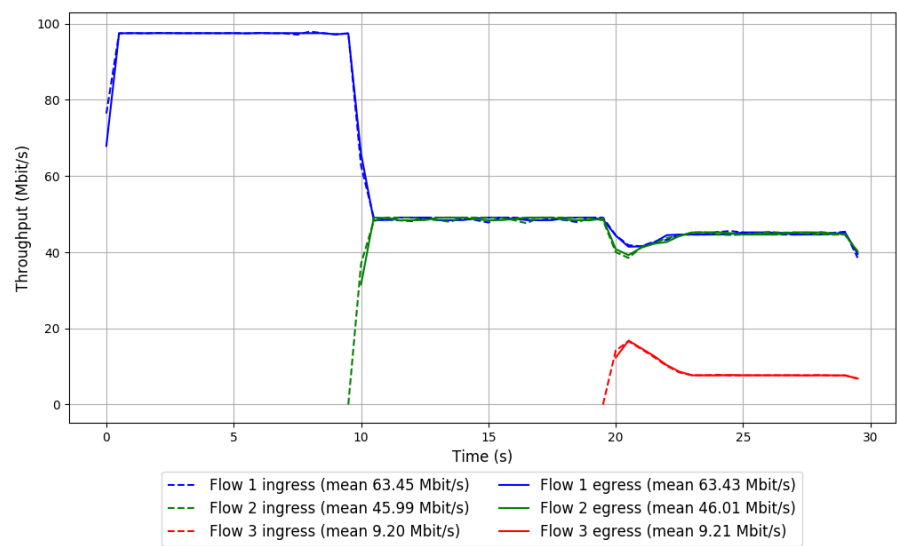


Run 3: Statistics of TCP Vegas

Start at: 2018-01-02 08:08:21
End at: 2018-01-02 08:08:51
Local clock offset: 1.969 ms
Remote clock offset: -10.313 ms

Below is generated by plot.py at 2018-01-02 13:30:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 58.546 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 63.43 Mbit/s
95th percentile per-packet one-way delay: 58.342 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 46.01 Mbit/s
95th percentile per-packet one-way delay: 58.782 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 9.21 Mbit/s
95th percentile per-packet one-way delay: 58.678 ms
Loss rate: 0.39%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

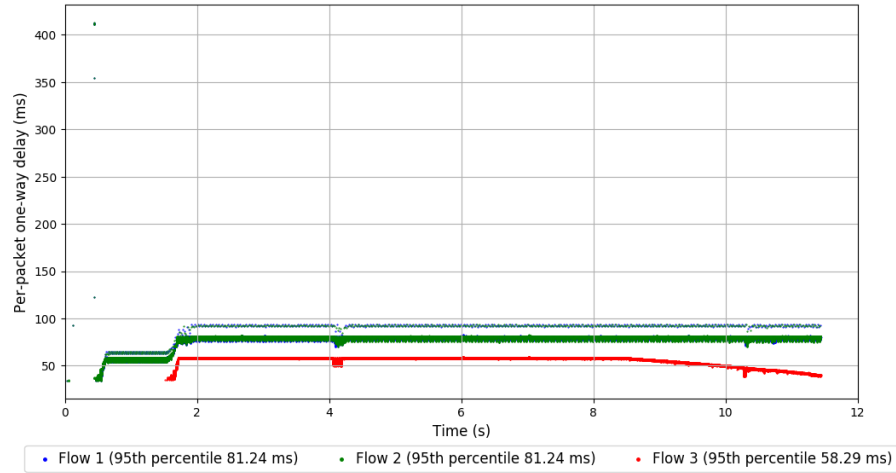
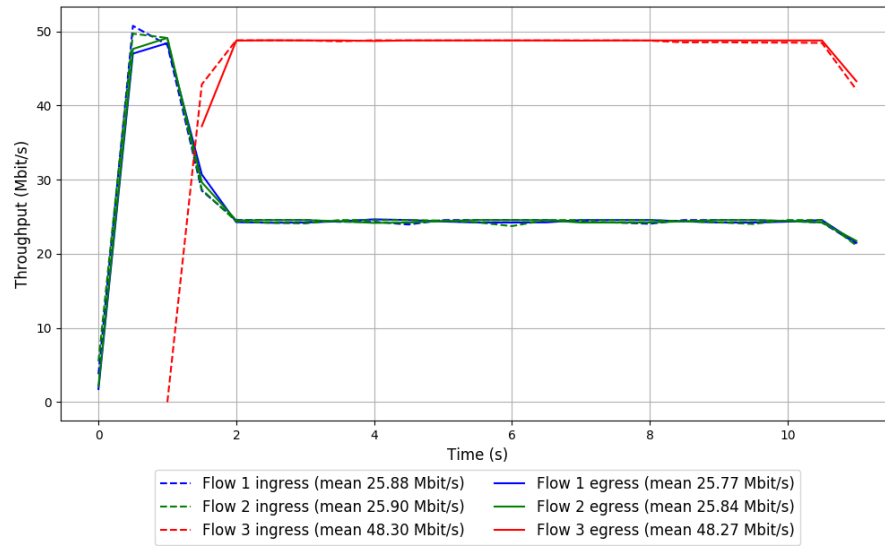
Start at: 2018-01-02 08:26:40

End at: 2018-01-02 08:27:10

Local clock offset: 5.077 ms

Remote clock offset: -10.355 ms

Run 4: Report of TCP Vegas — Data Link

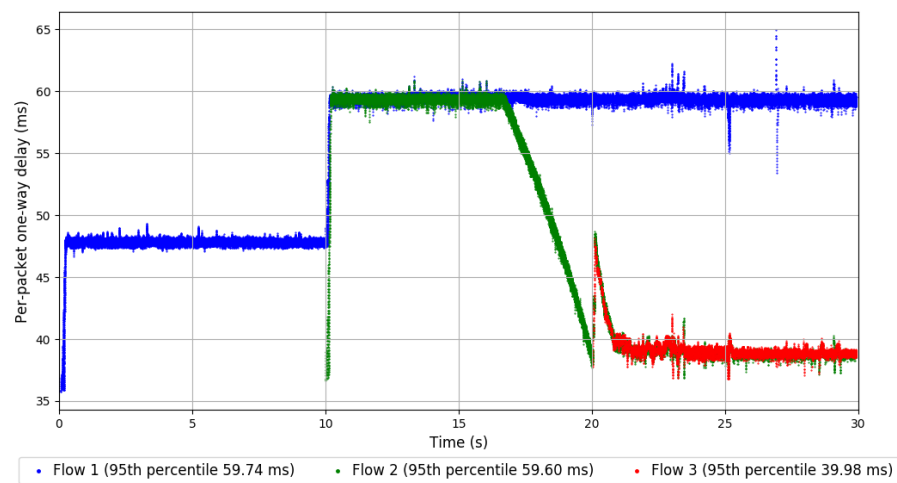
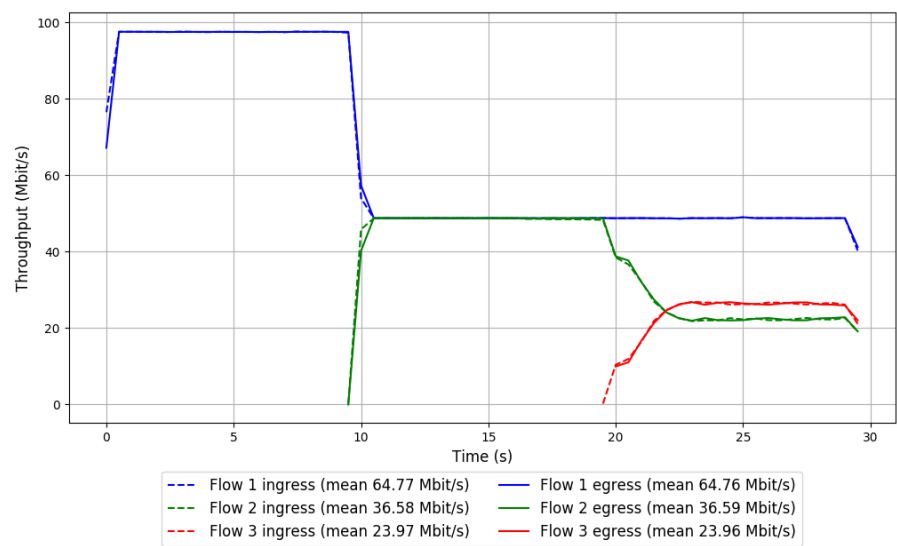


Run 5: Statistics of TCP Vegas

Start at: 2018-01-02 08:44:54
End at: 2018-01-02 08:45:24
Local clock offset: 4.668 ms
Remote clock offset: -12.977 ms

Below is generated by plot.py at 2018-01-02 13:30:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 59.691 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 64.76 Mbit/s
95th percentile per-packet one-way delay: 59.736 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 36.59 Mbit/s
95th percentile per-packet one-way delay: 59.601 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 23.96 Mbit/s
95th percentile per-packet one-way delay: 39.983 ms
Loss rate: 0.31%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

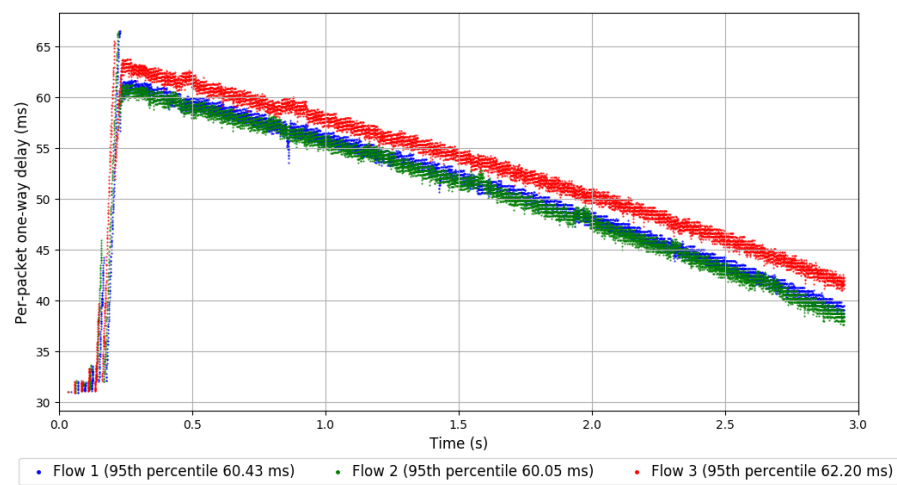
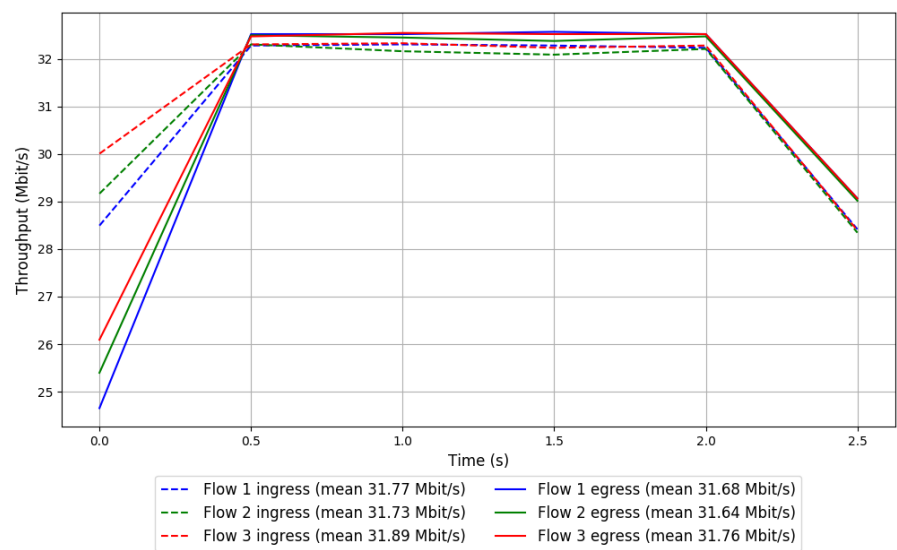
Start at: 2018-01-02 09:02:59

End at: 2018-01-02 09:03:29

Local clock offset: 1.314 ms

Remote clock offset: -12.999 ms

Run 6: Report of TCP Vegas — Data Link

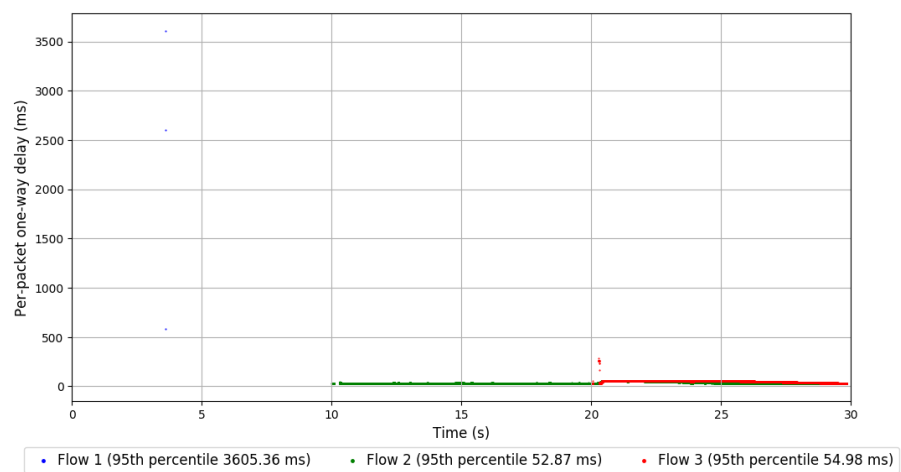
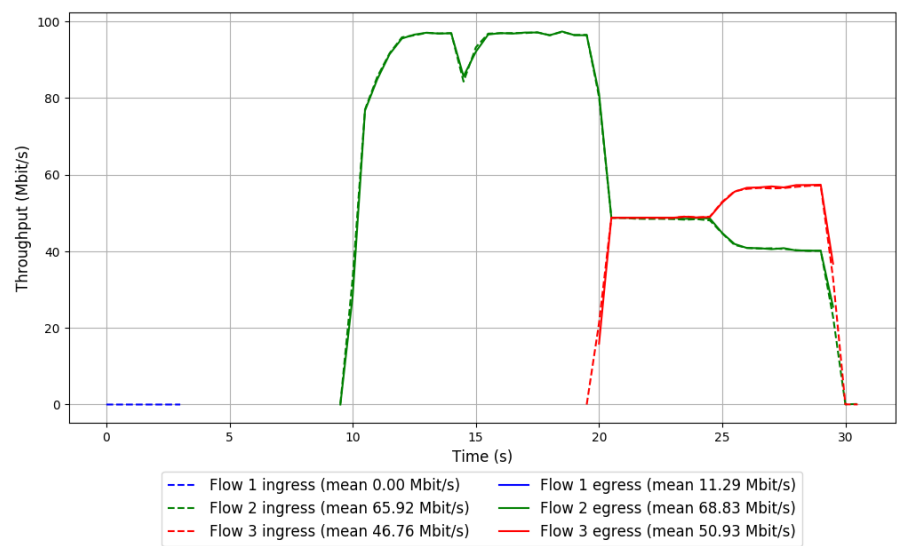


Run 7: Statistics of TCP Vegas

Start at: 2018-01-02 09:20:47
End at: 2018-01-02 09:21:17
Local clock offset: 0.421 ms
Remote clock offset: -14.908 ms

Below is generated by plot.py at 2018-01-02 13:30:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 71.12 Mbit/s
95th percentile per-packet one-way delay: 54.848 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 11.29 Mbit/s
95th percentile per-packet one-way delay: 3605.359 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 68.83 Mbit/s
95th percentile per-packet one-way delay: 52.867 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 50.93 Mbit/s
95th percentile per-packet one-way delay: 54.975 ms
Loss rate: 0.01%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

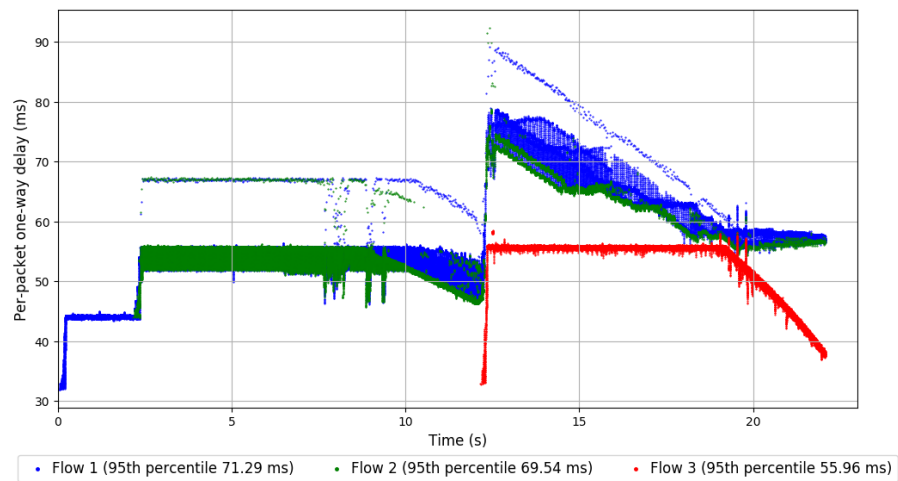
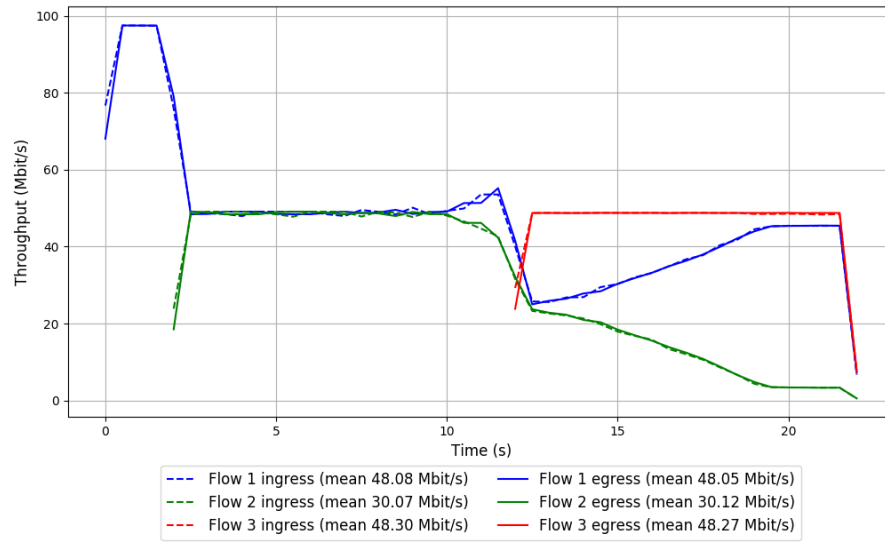
Start at: 2018-01-02 09:38:40

End at: 2018-01-02 09:39:10

Local clock offset: 0.758 ms

Remote clock offset: -15.205 ms

Run 8: Report of TCP Vegas — Data Link

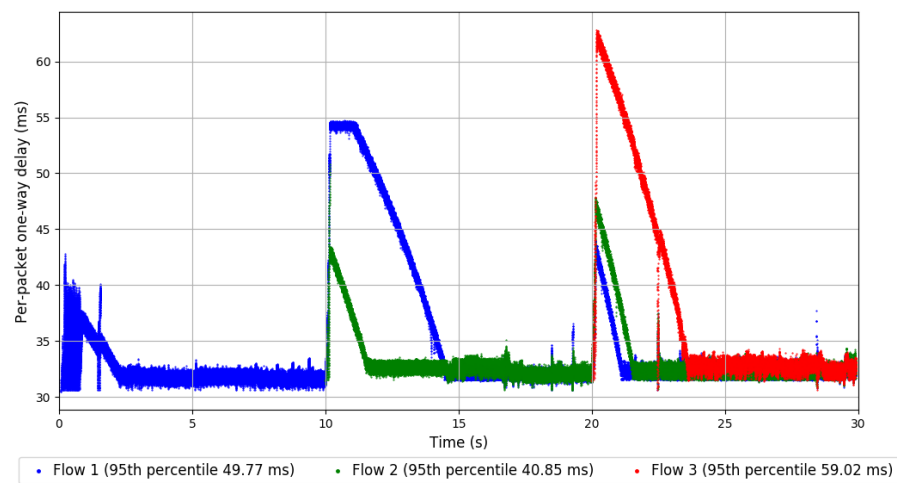
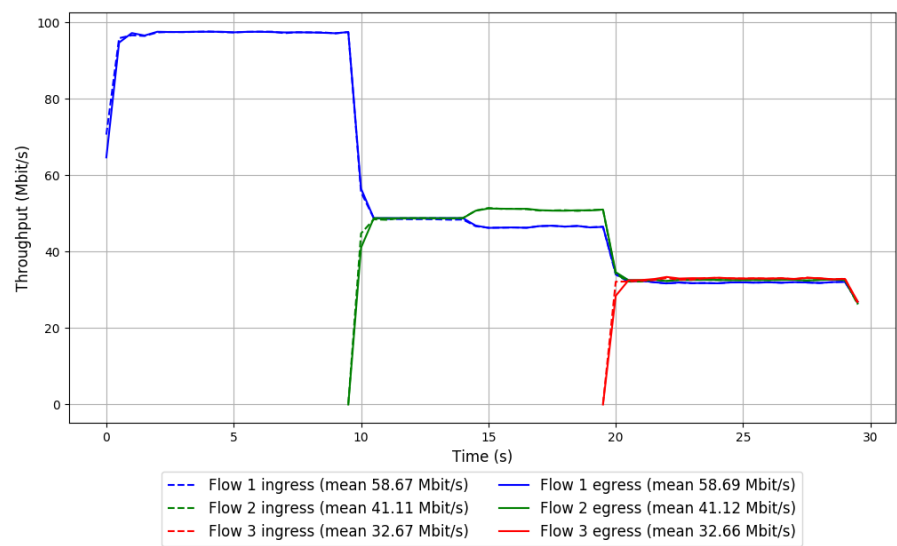


Run 9: Statistics of TCP Vegas

Start at: 2018-01-02 09:56:20
End at: 2018-01-02 09:56:50
Local clock offset: 0.471 ms
Remote clock offset: -14.07 ms

Below is generated by plot.py at 2018-01-02 13:30:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.97 Mbit/s
95th percentile per-packet one-way delay: 49.602 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 58.69 Mbit/s
95th percentile per-packet one-way delay: 49.766 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 41.12 Mbit/s
95th percentile per-packet one-way delay: 40.852 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 32.66 Mbit/s
95th percentile per-packet one-way delay: 59.018 ms
Loss rate: 0.28%

Run 9: Report of TCP Vegas — Data Link

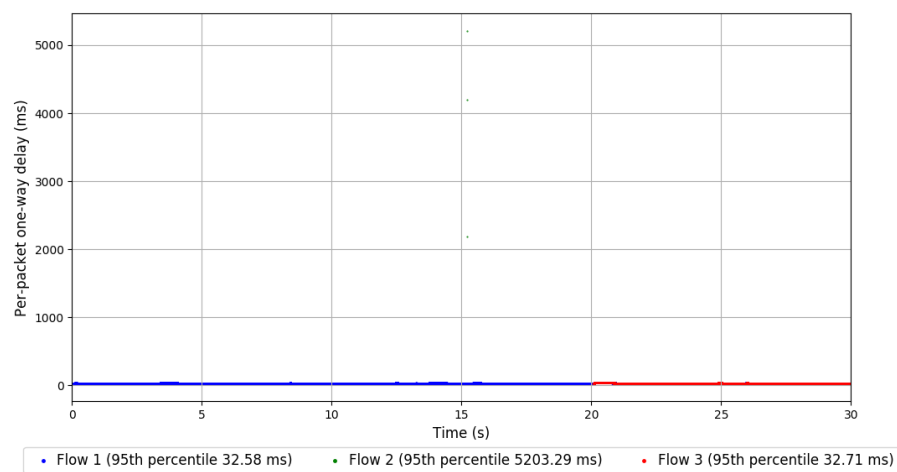
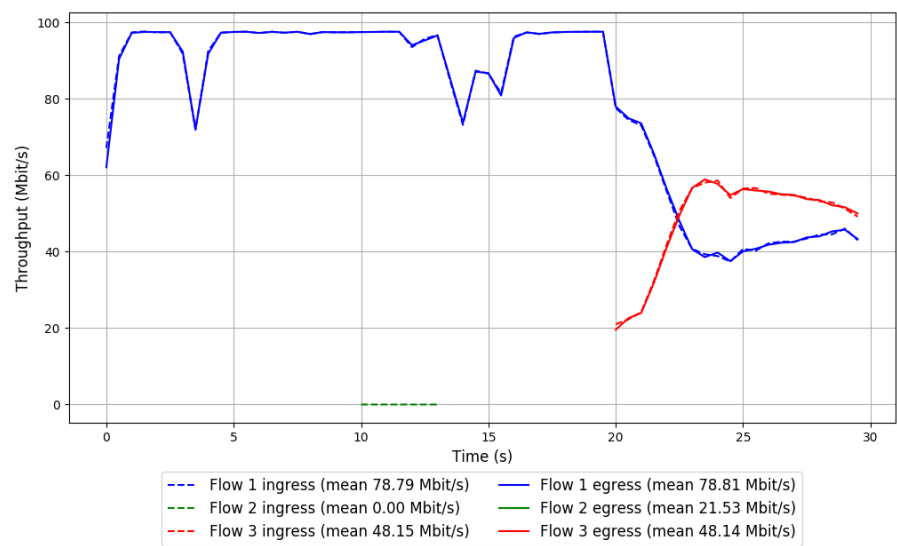


Run 10: Statistics of TCP Vegas

Start at: 2018-01-02 10:14:23
End at: 2018-01-02 10:14:53
Local clock offset: 1.302 ms
Remote clock offset: -14.19 ms

Below is generated by plot.py at 2018-01-02 13:30:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.75 Mbit/s
95th percentile per-packet one-way delay: 32.603 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 78.81 Mbit/s
95th percentile per-packet one-way delay: 32.584 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 21.53 Mbit/s
95th percentile per-packet one-way delay: 5203.287 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 48.14 Mbit/s
95th percentile per-packet one-way delay: 32.711 ms
Loss rate: 0.27%

Run 10: Report of TCP Vegas — Data Link

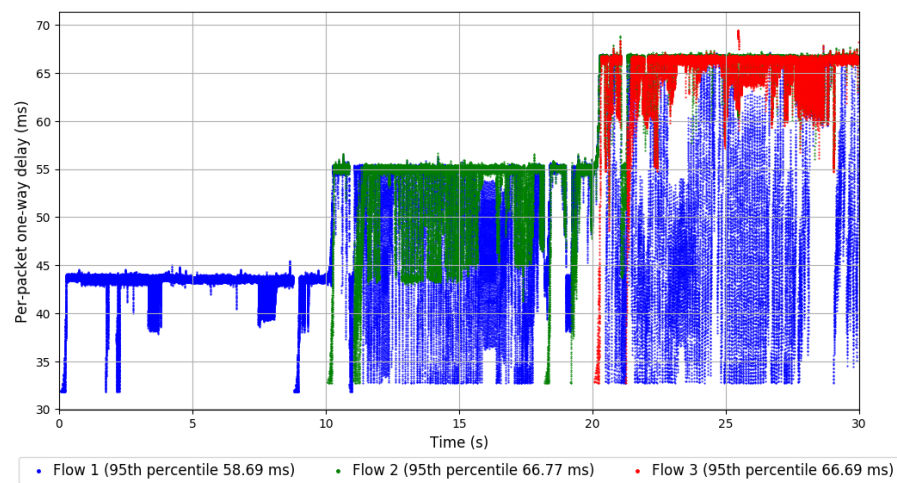
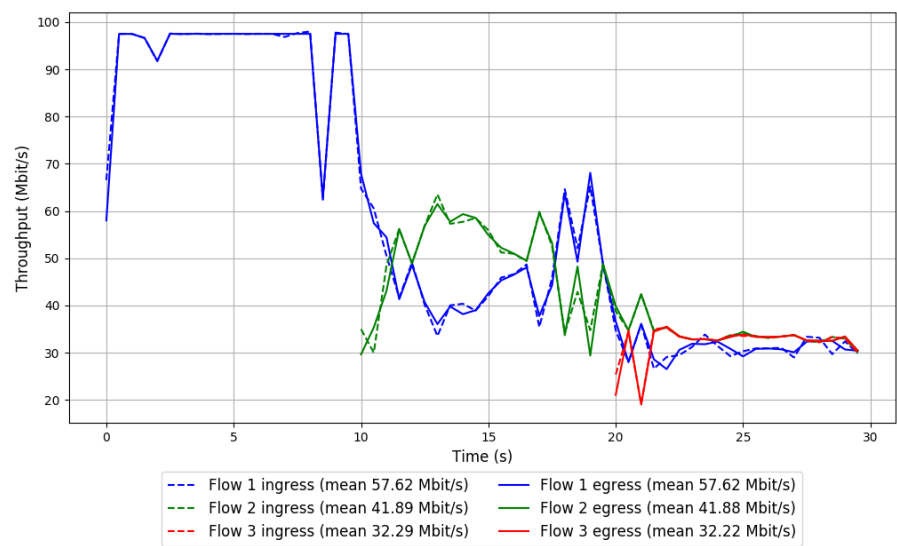


Run 1: Statistics of Verus

Start at: 2018-01-02 07:25:44
End at: 2018-01-02 07:26:14
Local clock offset: 0.442 ms
Remote clock offset: -11.56 ms

Below is generated by plot.py at 2018-01-02 13:30:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.16 Mbit/s
95th percentile per-packet one-way delay: 66.634 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 57.62 Mbit/s
95th percentile per-packet one-way delay: 58.692 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 41.88 Mbit/s
95th percentile per-packet one-way delay: 66.772 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 32.22 Mbit/s
95th percentile per-packet one-way delay: 66.695 ms
Loss rate: 0.61%

Run 1: Report of Verus — Data Link

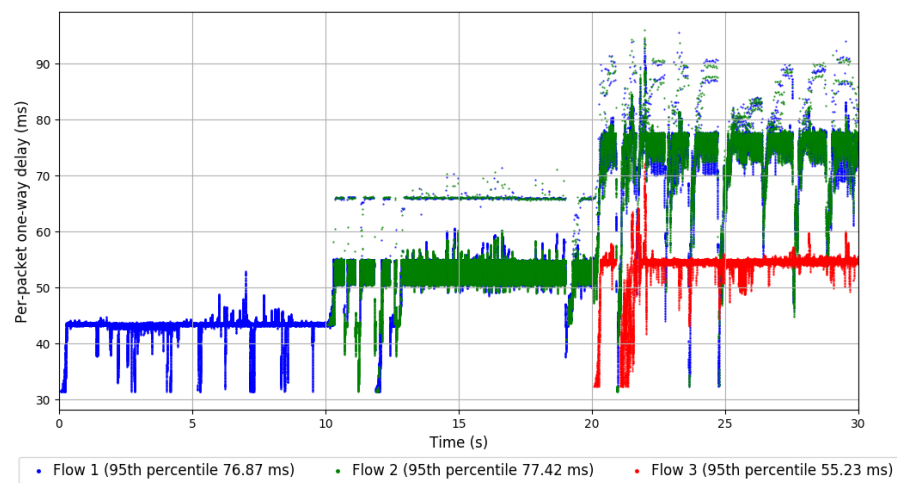
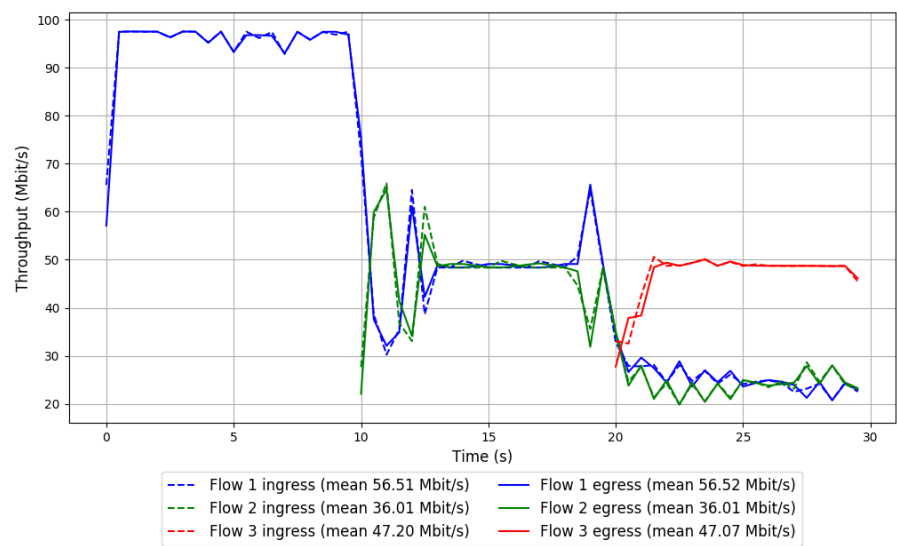


Run 2: Statistics of Verus

Start at: 2018-01-02 07:44:03
End at: 2018-01-02 07:44:33
Local clock offset: 1.083 ms
Remote clock offset: -10.527 ms

Below is generated by plot.py at 2018-01-02 13:30:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.05 Mbit/s
95th percentile per-packet one-way delay: 77.081 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 56.52 Mbit/s
95th percentile per-packet one-way delay: 76.868 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 36.01 Mbit/s
95th percentile per-packet one-way delay: 77.423 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 47.07 Mbit/s
95th percentile per-packet one-way delay: 55.229 ms
Loss rate: 0.55%

Run 2: Report of Verus — Data Link

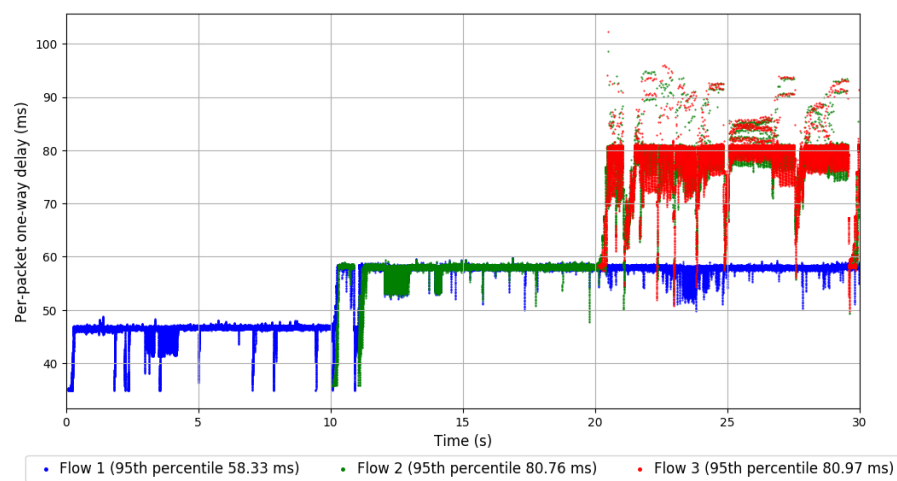
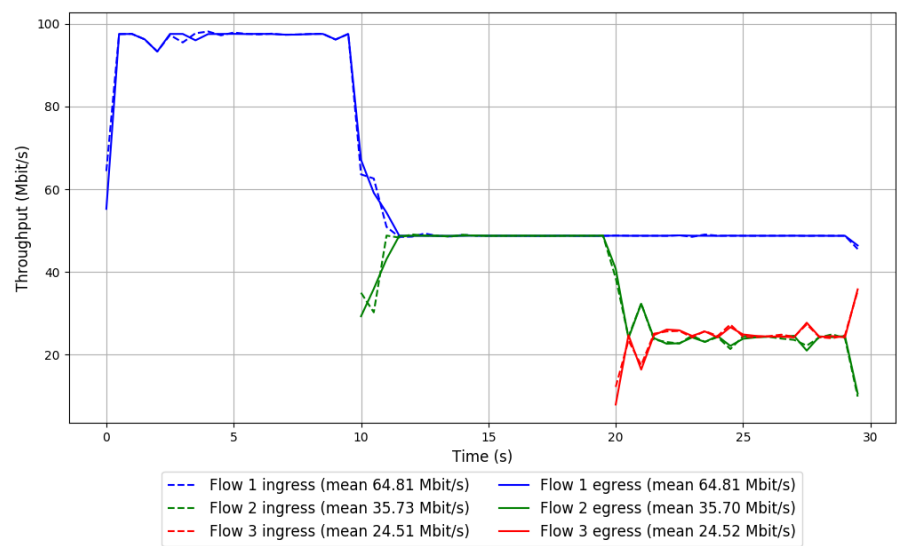


Run 3: Statistics of Verus

Start at: 2018-01-02 08:02:21
End at: 2018-01-02 08:02:51
Local clock offset: -1.867 ms
Remote clock offset: -17.355 ms

Below is generated by plot.py at 2018-01-02 13:31:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.69 Mbit/s
95th percentile per-packet one-way delay: 80.500 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 64.81 Mbit/s
95th percentile per-packet one-way delay: 58.334 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 35.70 Mbit/s
95th percentile per-packet one-way delay: 80.759 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 24.52 Mbit/s
95th percentile per-packet one-way delay: 80.973 ms
Loss rate: 0.72%

Run 3: Report of Verus — Data Link

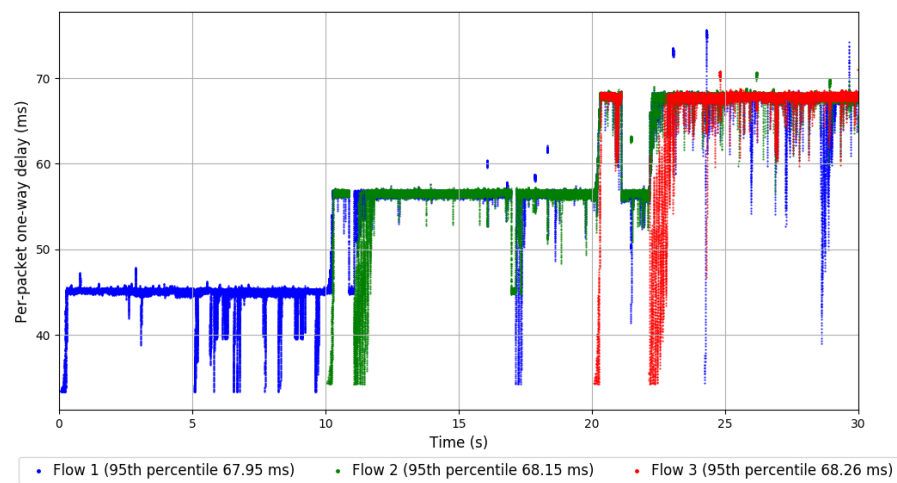
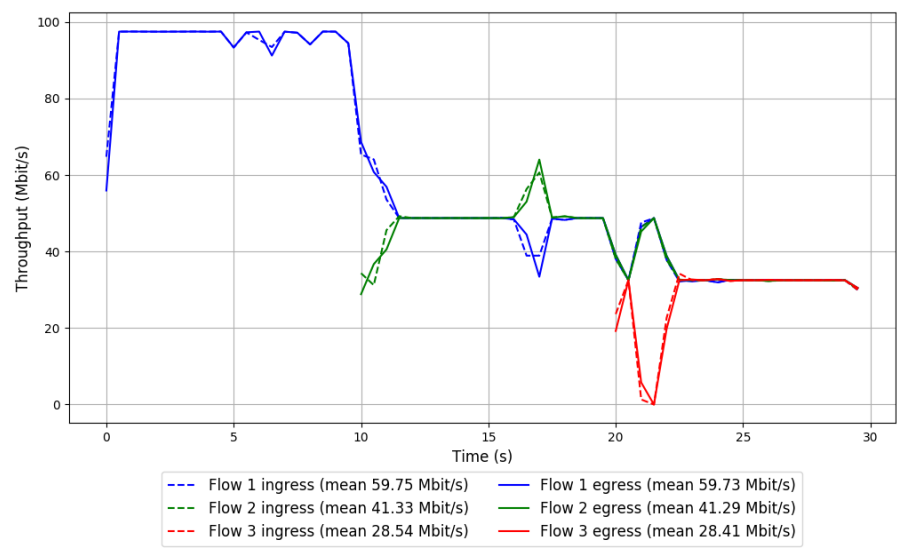


Run 4: Statistics of Verus

Start at: 2018-01-02 08:20:38
End at: 2018-01-02 08:21:08
Local clock offset: 2.501 ms
Remote clock offset: -11.725 ms

Below is generated by plot.py at 2018-01-02 13:31:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.61 Mbit/s
95th percentile per-packet one-way delay: 68.112 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 59.73 Mbit/s
95th percentile per-packet one-way delay: 67.951 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 41.29 Mbit/s
95th percentile per-packet one-way delay: 68.149 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 28.41 Mbit/s
95th percentile per-packet one-way delay: 68.260 ms
Loss rate: 0.70%

Run 4: Report of Verus — Data Link

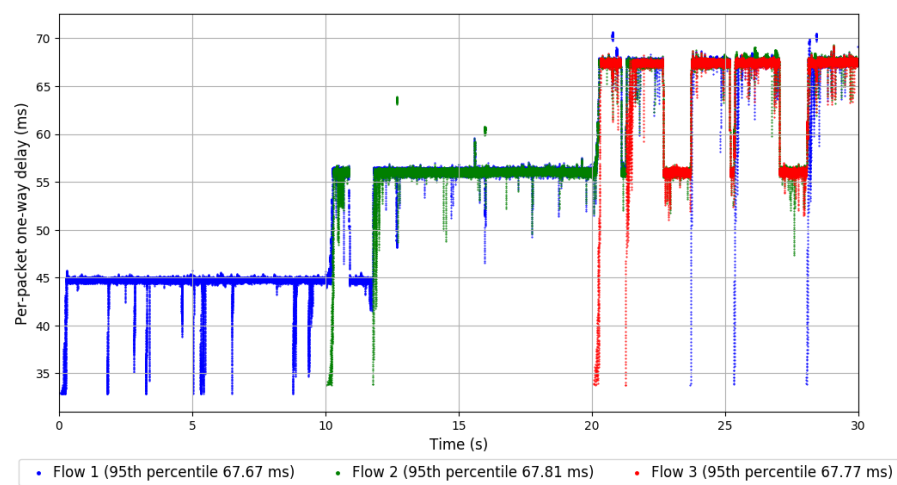
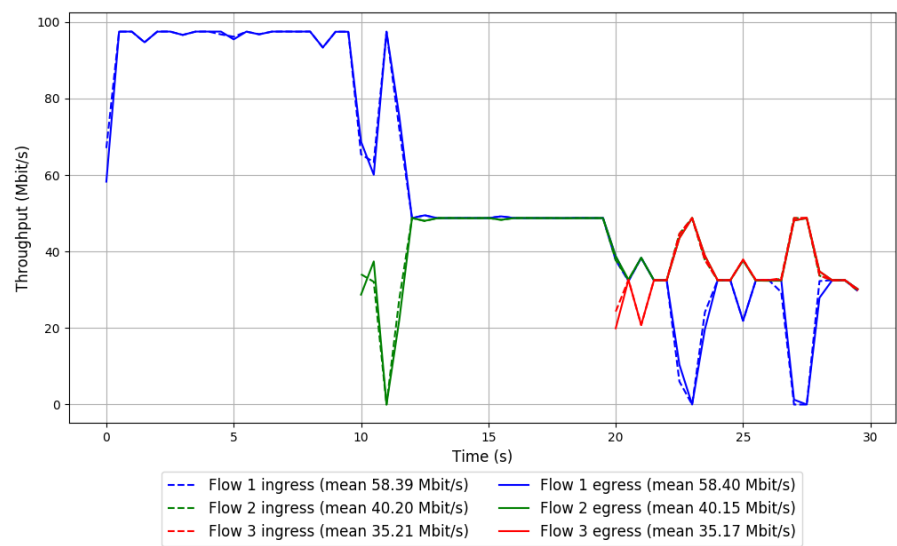


Run 5: Statistics of Verus

Start at: 2018-01-02 08:38:47
End at: 2018-01-02 08:39:17
Local clock offset: 2.854 ms
Remote clock offset: -11.325 ms

Below is generated by plot.py at 2018-01-02 13:31:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.76 Mbit/s
95th percentile per-packet one-way delay: 67.736 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 58.40 Mbit/s
95th percentile per-packet one-way delay: 67.675 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.15 Mbit/s
95th percentile per-packet one-way delay: 67.807 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 35.17 Mbit/s
95th percentile per-packet one-way delay: 67.768 ms
Loss rate: 0.56%

Run 5: Report of Verus — Data Link

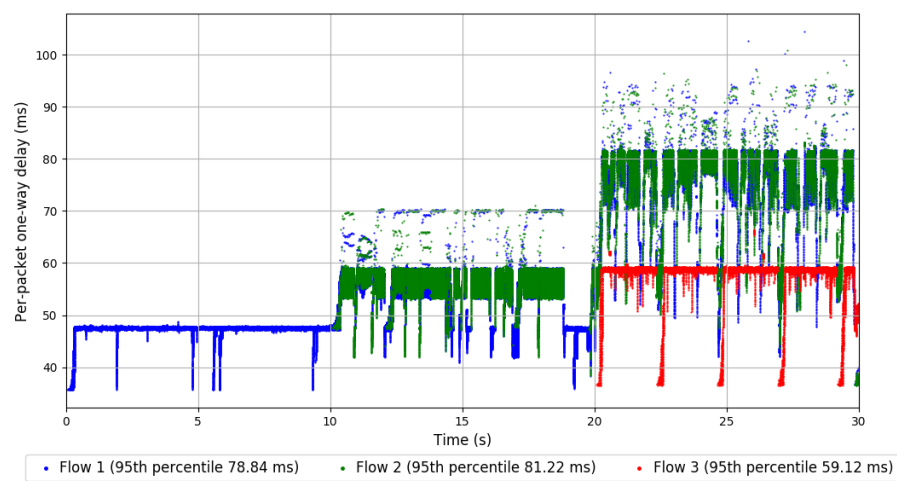
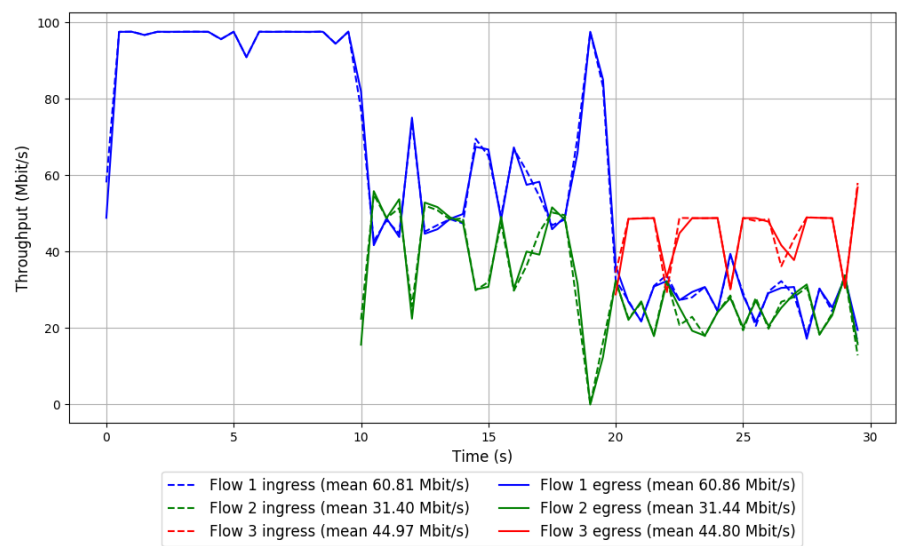


Run 6: Statistics of Verus

Start at: 2018-01-02 08:57:04
End at: 2018-01-02 08:57:34
Local clock offset: 2.801 ms
Remote clock offset: -11.178 ms

Below is generated by plot.py at 2018-01-02 13:31:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.59 Mbit/s
95th percentile per-packet one-way delay: 79.666 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 60.86 Mbit/s
95th percentile per-packet one-way delay: 78.836 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 31.44 Mbit/s
95th percentile per-packet one-way delay: 81.224 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 44.80 Mbit/s
95th percentile per-packet one-way delay: 59.120 ms
Loss rate: 0.76%

Run 6: Report of Verus — Data Link

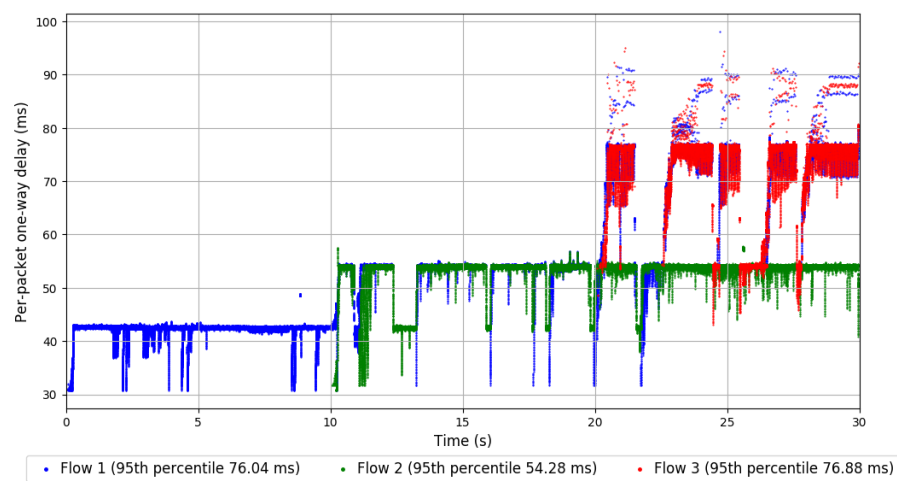
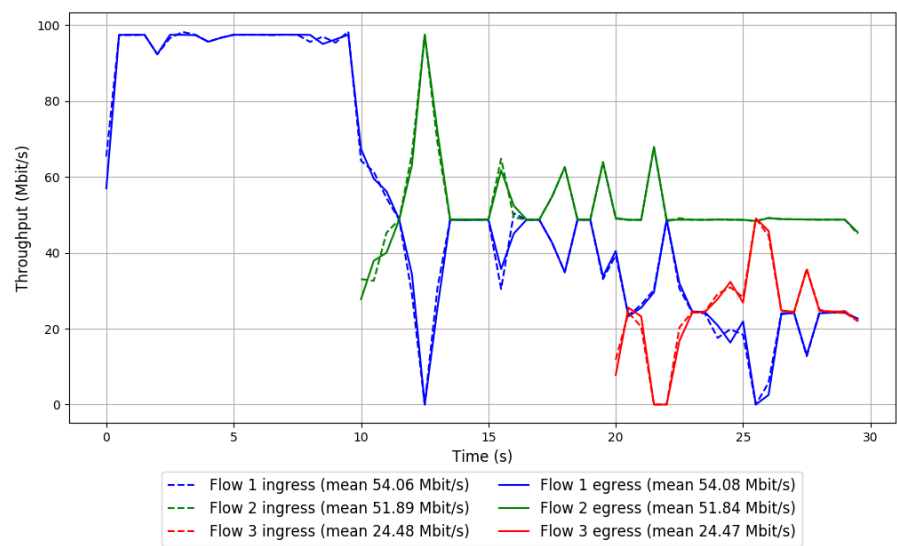


Run 7: Statistics of Verus

Start at: 2018-01-02 09:14:53
End at: 2018-01-02 09:15:23
Local clock offset: 0.046 ms
Remote clock offset: -14.593 ms

Below is generated by plot.py at 2018-01-02 13:31:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.64 Mbit/s
95th percentile per-packet one-way delay: 76.247 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 54.08 Mbit/s
95th percentile per-packet one-way delay: 76.039 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 51.84 Mbit/s
95th percentile per-packet one-way delay: 54.278 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 24.47 Mbit/s
95th percentile per-packet one-way delay: 76.883 ms
Loss rate: 0.71%

Run 7: Report of Verus — Data Link

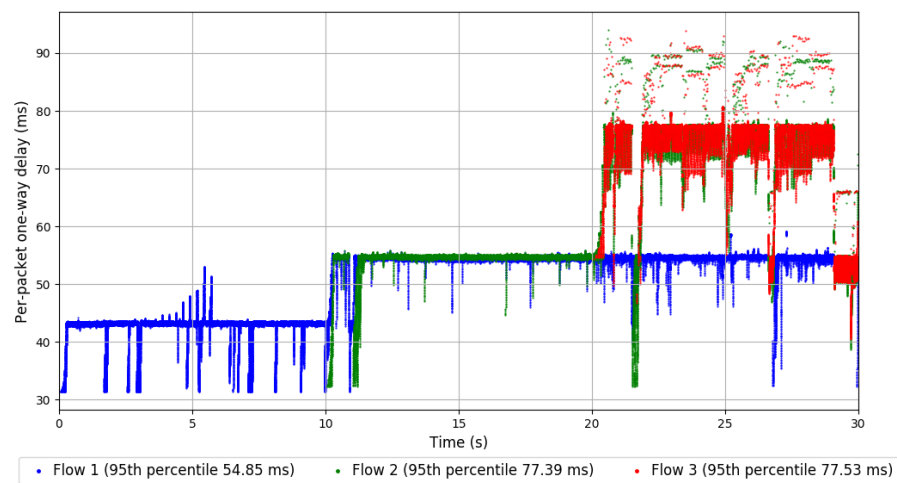
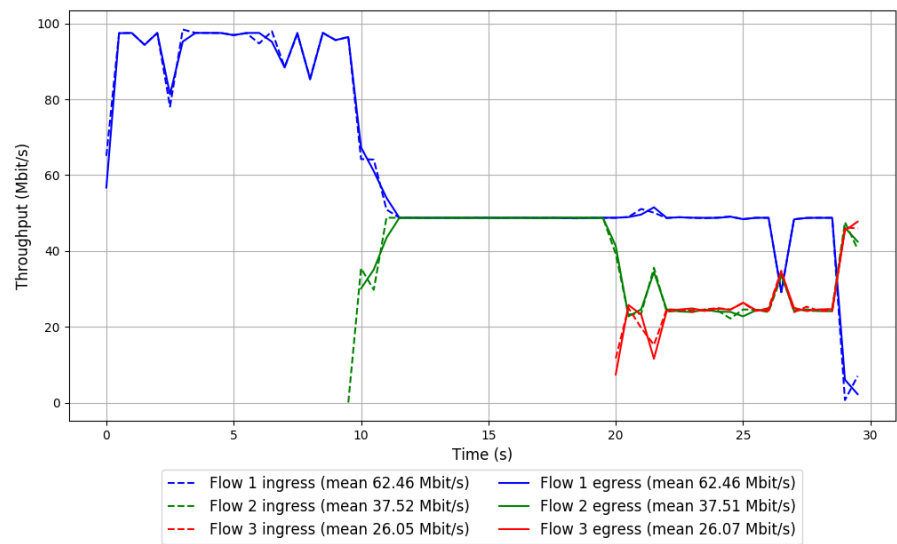


Run 8: Statistics of Verus

Start at: 2018-01-02 09:32:47
End at: 2018-01-02 09:33:17
Local clock offset: 0.961 ms
Remote clock offset: -14.361 ms

Below is generated by plot.py at 2018-01-02 13:31:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.05 Mbit/s
95th percentile per-packet one-way delay: 77.158 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 62.46 Mbit/s
95th percentile per-packet one-way delay: 54.846 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 37.51 Mbit/s
95th percentile per-packet one-way delay: 77.390 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 26.07 Mbit/s
95th percentile per-packet one-way delay: 77.529 ms
Loss rate: 0.51%

Run 8: Report of Verus — Data Link

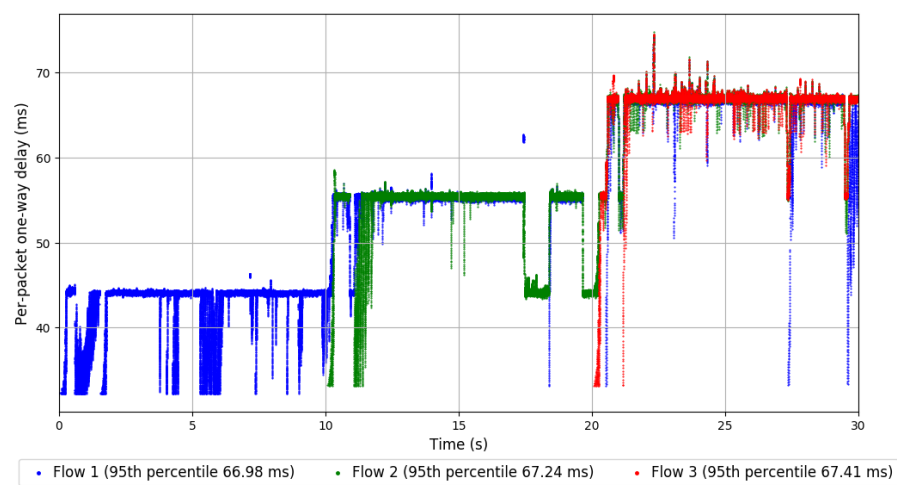
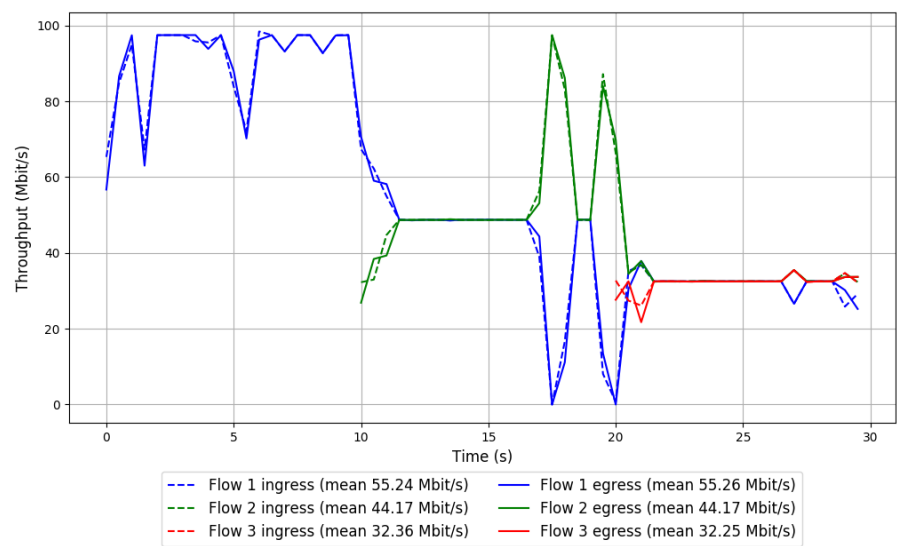


Run 9: Statistics of Verus

Start at: 2018-01-02 09:50:32
End at: 2018-01-02 09:51:02
Local clock offset: 0.304 ms
Remote clock offset: -15.851 ms

Below is generated by plot.py at 2018-01-02 13:32:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.31 Mbit/s
95th percentile per-packet one-way delay: 67.199 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 55.26 Mbit/s
95th percentile per-packet one-way delay: 66.978 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 44.17 Mbit/s
95th percentile per-packet one-way delay: 67.238 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 32.25 Mbit/s
95th percentile per-packet one-way delay: 67.408 ms
Loss rate: 0.61%

Run 9: Report of Verus — Data Link

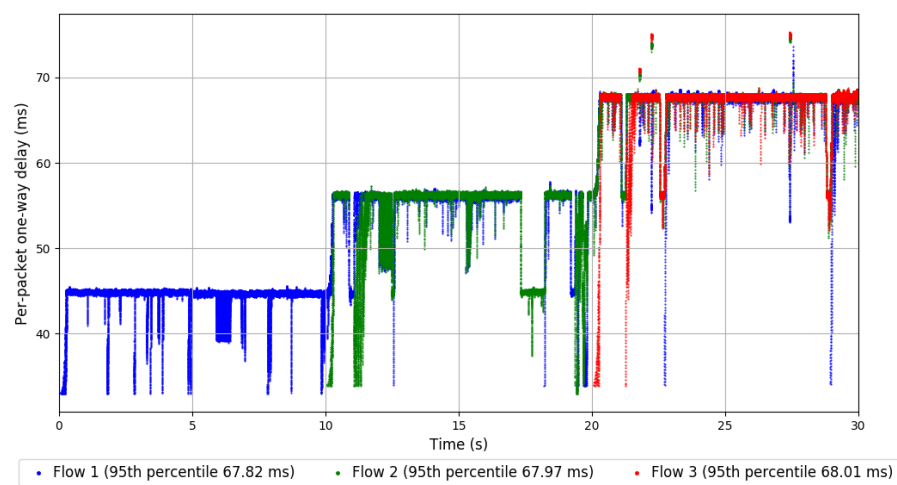
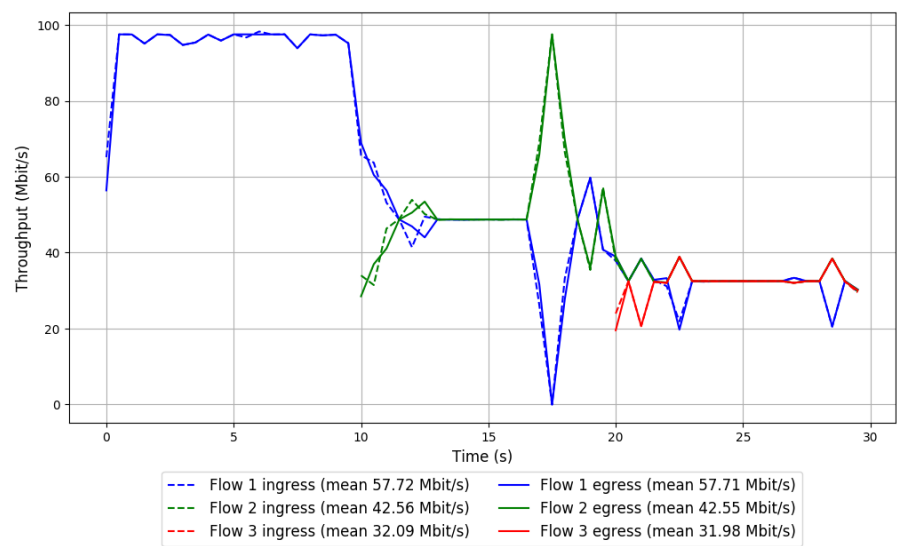


Run 10: Statistics of Verus

Start at: 2018-01-02 10:08:28
End at: 2018-01-02 10:08:58
Local clock offset: 2.125 ms
Remote clock offset: -14.537 ms

Below is generated by plot.py at 2018-01-02 13:32:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.61 Mbit/s
95th percentile per-packet one-way delay: 67.947 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 57.71 Mbit/s
95th percentile per-packet one-way delay: 67.817 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 42.55 Mbit/s
95th percentile per-packet one-way delay: 67.975 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 31.98 Mbit/s
95th percentile per-packet one-way delay: 68.007 ms
Loss rate: 0.60%

Run 10: Report of Verus — Data Link

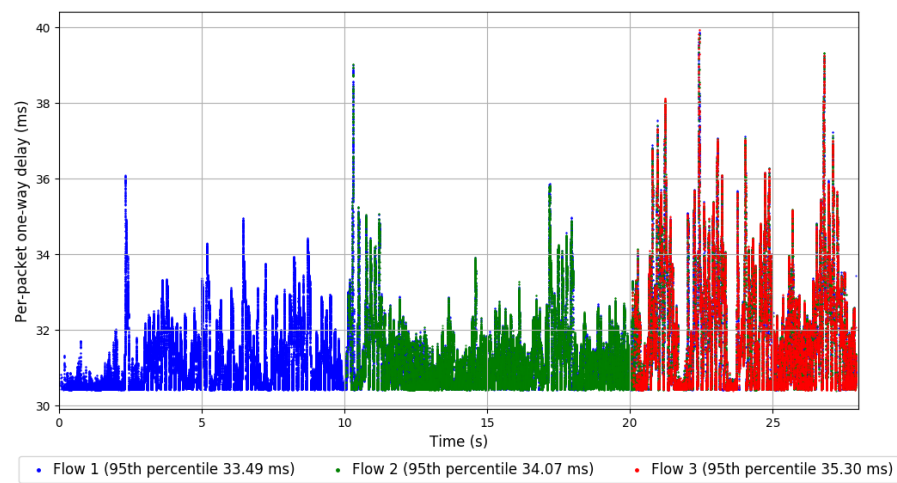
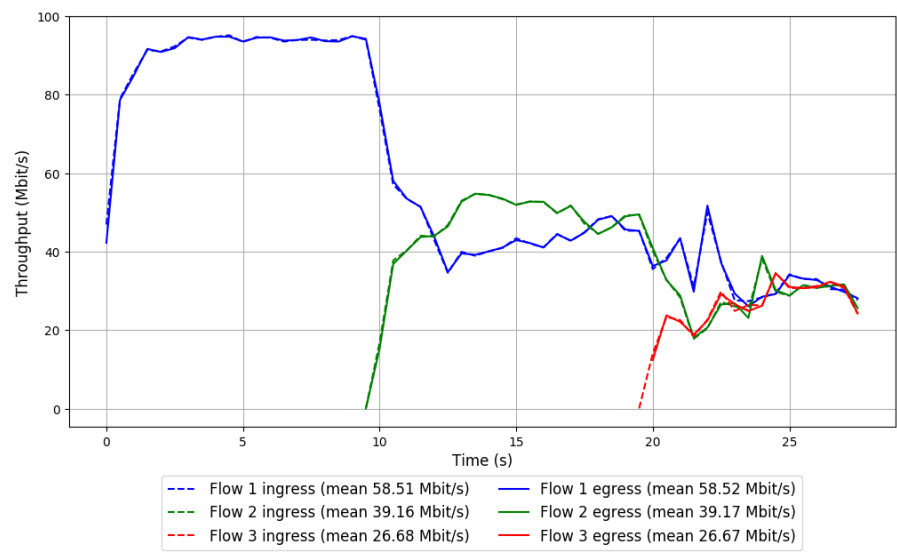


Run 1: Statistics of Copa

Start at: 2018-01-02 07:20:41
End at: 2018-01-02 07:21:11
Local clock offset: -0.277 ms
Remote clock offset: -10.671 ms

Below is generated by plot.py at 2018-01-02 13:33:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.25 Mbit/s
95th percentile per-packet one-way delay: 33.879 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 58.52 Mbit/s
95th percentile per-packet one-way delay: 33.494 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 39.17 Mbit/s
95th percentile per-packet one-way delay: 34.072 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 26.67 Mbit/s
95th percentile per-packet one-way delay: 35.302 ms
Loss rate: 0.38%

Run 1: Report of Copa — Data Link

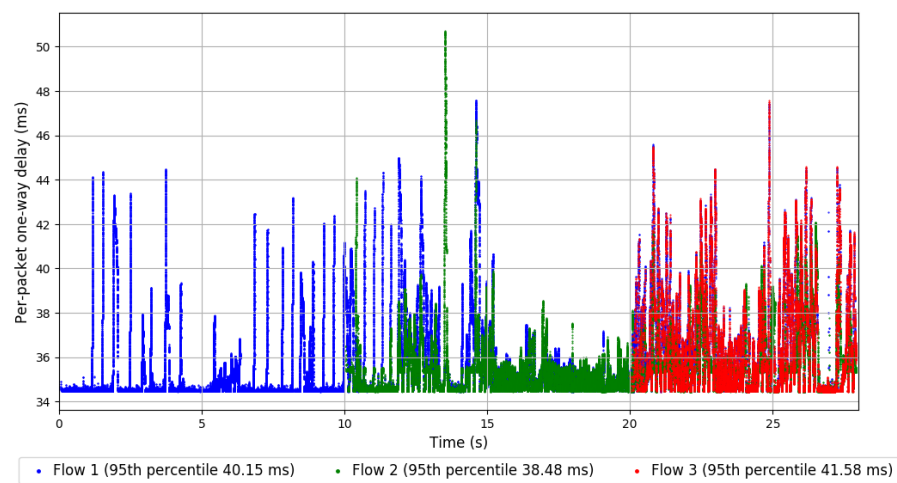
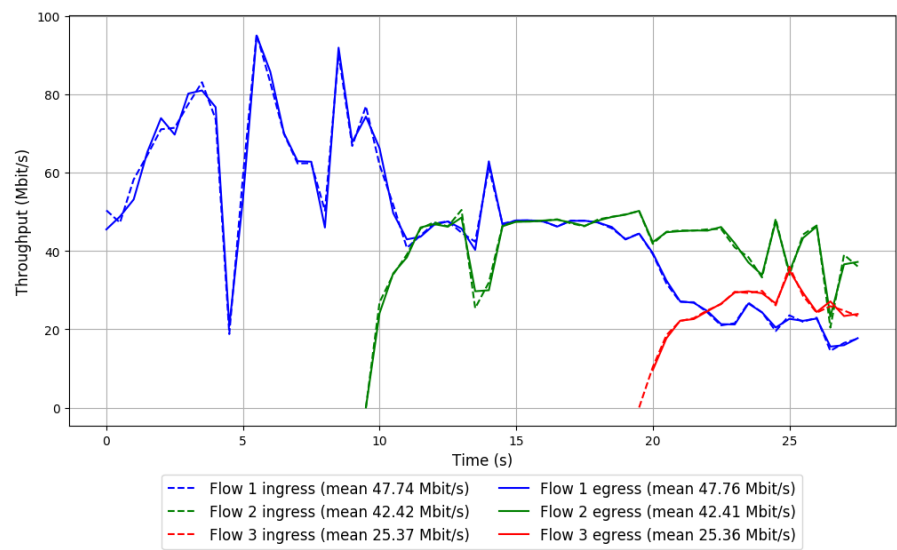


Run 2: Statistics of Copa

Start at: 2018-01-02 07:38:59
End at: 2018-01-02 07:39:29
Local clock offset: 3.692 ms
Remote clock offset: -10.687 ms

Below is generated by plot.py at 2018-01-02 13:33:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.22 Mbit/s
95th percentile per-packet one-way delay: 39.820 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 47.76 Mbit/s
95th percentile per-packet one-way delay: 40.148 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 42.41 Mbit/s
95th percentile per-packet one-way delay: 38.475 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 25.36 Mbit/s
95th percentile per-packet one-way delay: 41.581 ms
Loss rate: 0.37%

Run 2: Report of Copa — Data Link

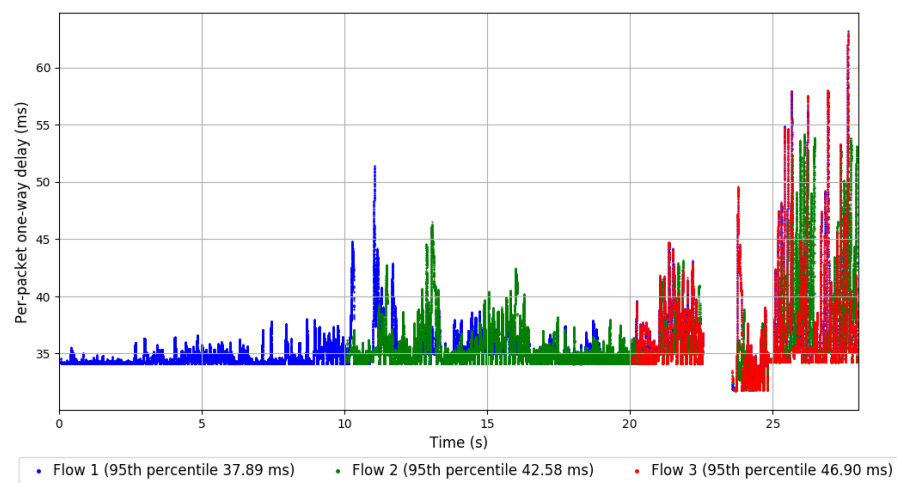
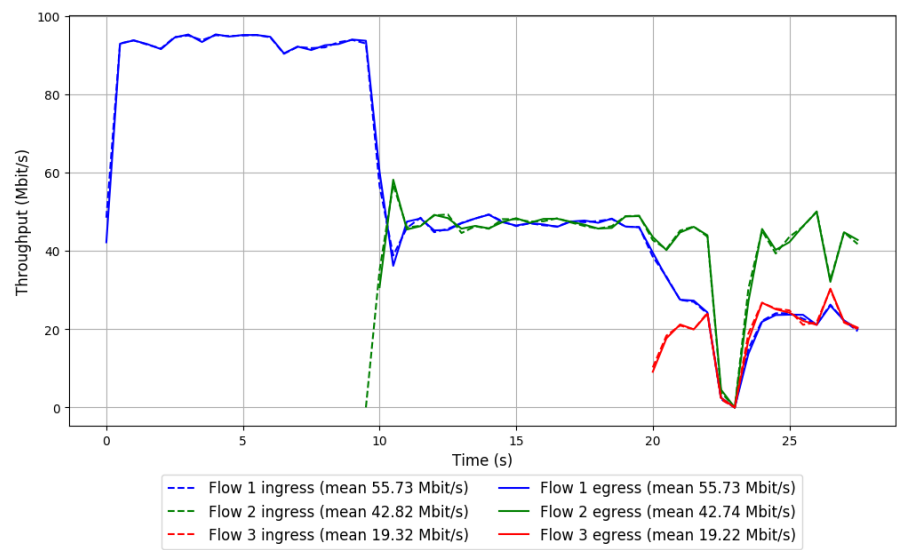


Run 3: Statistics of Copa

Start at: 2018-01-02 07:57:12
End at: 2018-01-02 07:57:42
Local clock offset: 3.954 ms
Remote clock offset: -10.797 ms

Below is generated by plot.py at 2018-01-02 13:33:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.61 Mbit/s
95th percentile per-packet one-way delay: 40.588 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 55.73 Mbit/s
95th percentile per-packet one-way delay: 37.889 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 42.74 Mbit/s
95th percentile per-packet one-way delay: 42.579 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 19.22 Mbit/s
95th percentile per-packet one-way delay: 46.902 ms
Loss rate: 0.87%

Run 3: Report of Copa — Data Link

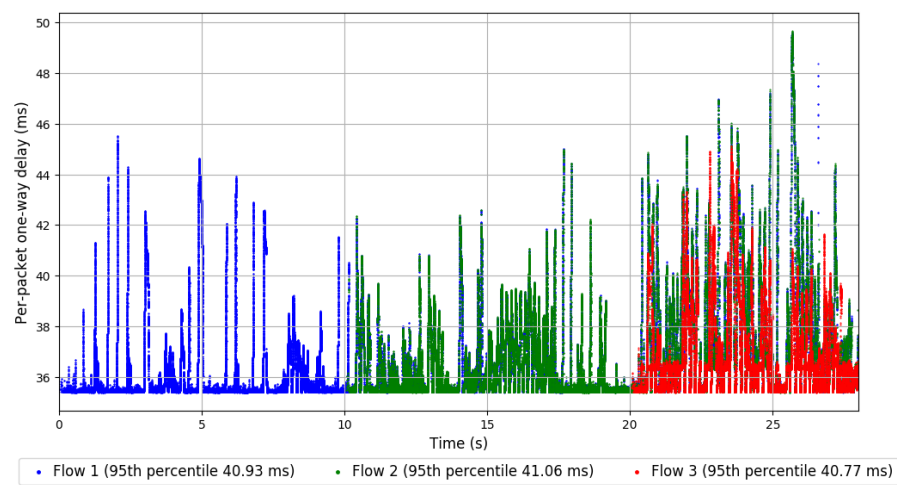
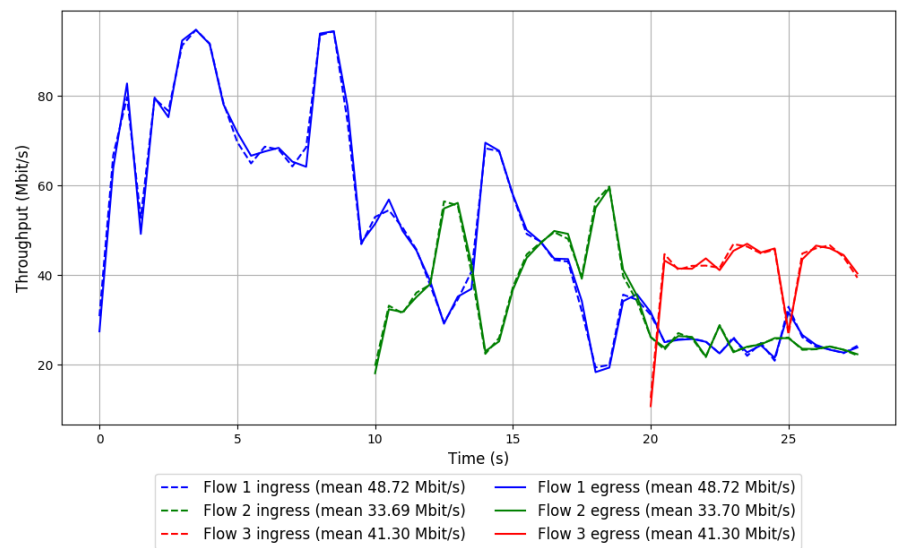


Run 4: Statistics of Copa

Start at: 2018-01-02 08:15:21
End at: 2018-01-02 08:15:51
Local clock offset: 4.728 ms
Remote clock offset: -11.572 ms

Below is generated by plot.py at 2018-01-02 13:33:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.05 Mbit/s
95th percentile per-packet one-way delay: 40.934 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 48.72 Mbit/s
95th percentile per-packet one-way delay: 40.933 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 33.70 Mbit/s
95th percentile per-packet one-way delay: 41.065 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 41.30 Mbit/s
95th percentile per-packet one-way delay: 40.768 ms
Loss rate: 0.35%

Run 4: Report of Copa — Data Link

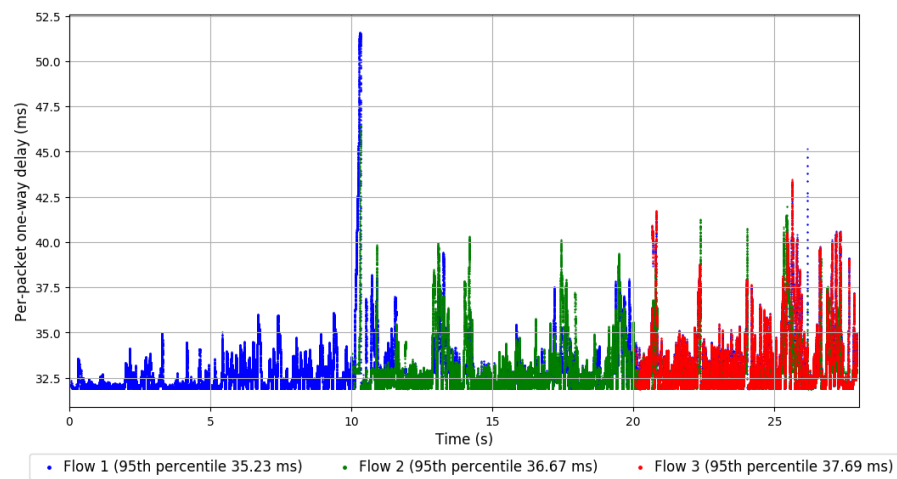
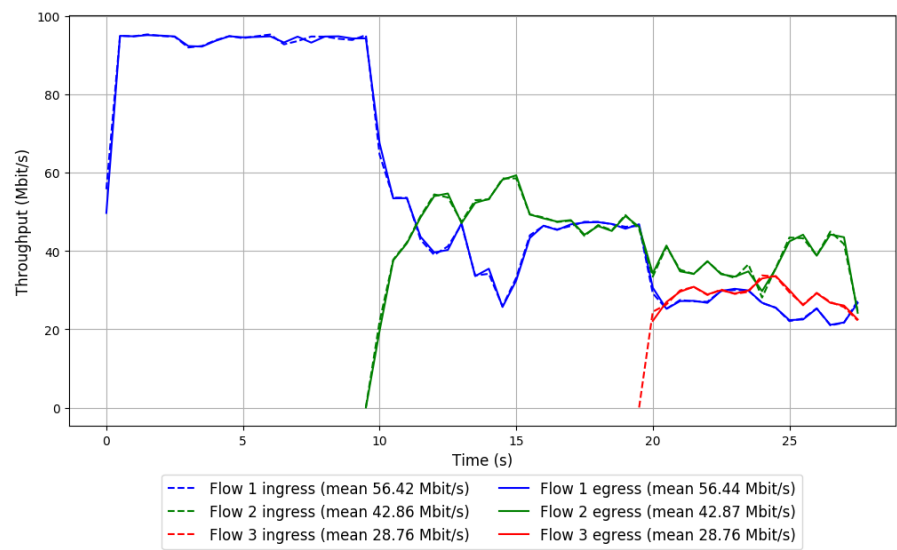


Run 5: Statistics of Copa

Start at: 2018-01-02 08:33:48
End at: 2018-01-02 08:34:18
Local clock offset: 2.155 ms
Remote clock offset: -10.956 ms

Below is generated by plot.py at 2018-01-02 13:33:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.14 Mbit/s
95th percentile per-packet one-way delay: 35.981 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 56.44 Mbit/s
95th percentile per-packet one-way delay: 35.233 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 42.87 Mbit/s
95th percentile per-packet one-way delay: 36.673 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 28.76 Mbit/s
95th percentile per-packet one-way delay: 37.689 ms
Loss rate: 0.34%

Run 5: Report of Copa — Data Link

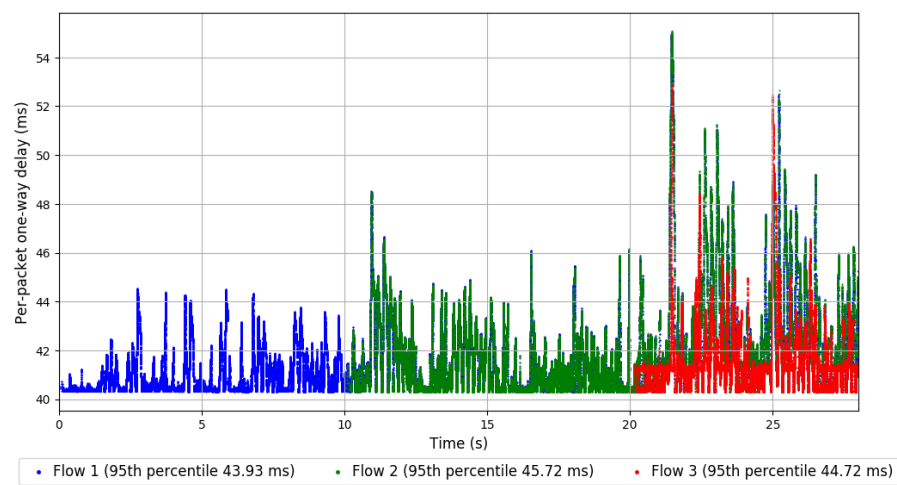
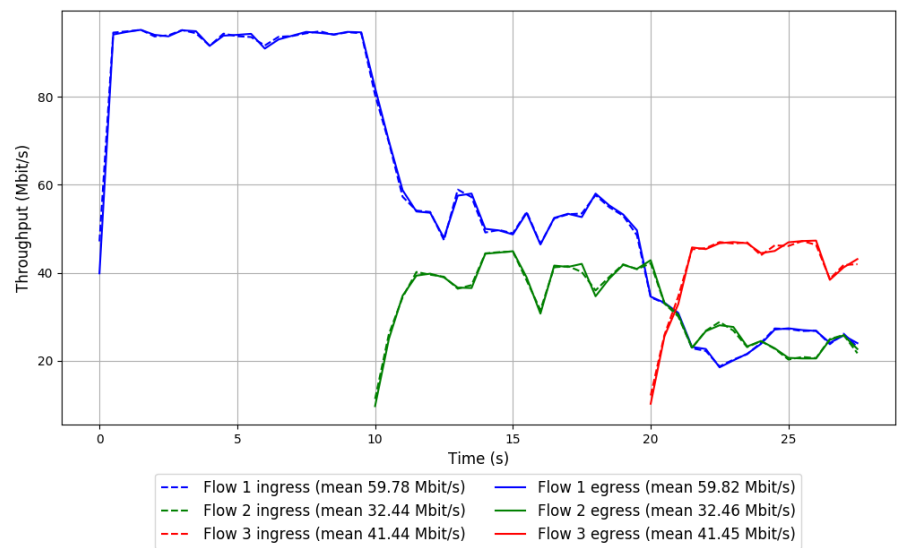


Run 6: Statistics of Copa

Start at: 2018-01-02 08:52:06
End at: 2018-01-02 08:52:36
Local clock offset: 5.285 ms
Remote clock offset: -13.067 ms

Below is generated by plot.py at 2018-01-02 13:34:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.35 Mbit/s
95th percentile per-packet one-way delay: 44.433 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 59.82 Mbit/s
95th percentile per-packet one-way delay: 43.934 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 32.46 Mbit/s
95th percentile per-packet one-way delay: 45.720 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 41.45 Mbit/s
95th percentile per-packet one-way delay: 44.723 ms
Loss rate: 0.37%

Run 6: Report of Copa — Data Link

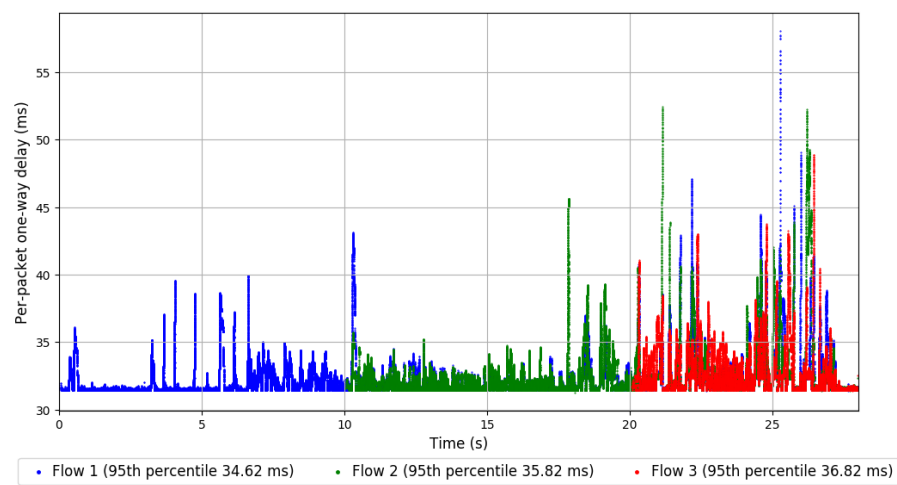
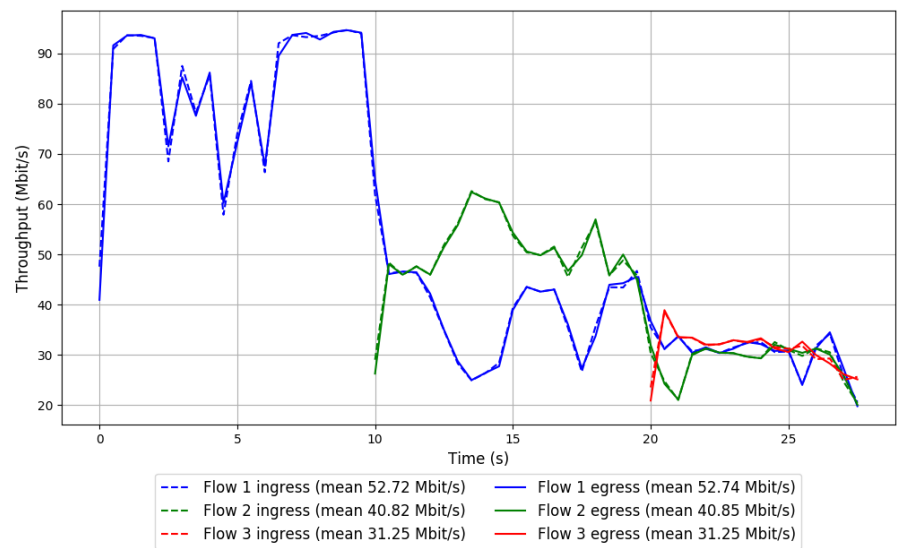


Run 7: Statistics of Copa

Start at: 2018-01-02 09:09:59
End at: 2018-01-02 09:10:29
Local clock offset: 0.027 ms
Remote clock offset: -15.034 ms

Below is generated by plot.py at 2018-01-02 13:34:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.79 Mbit/s
95th percentile per-packet one-way delay: 35.395 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 52.74 Mbit/s
95th percentile per-packet one-way delay: 34.625 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 40.85 Mbit/s
95th percentile per-packet one-way delay: 35.818 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 31.25 Mbit/s
95th percentile per-packet one-way delay: 36.822 ms
Loss rate: 0.31%

Run 7: Report of Copa — Data Link

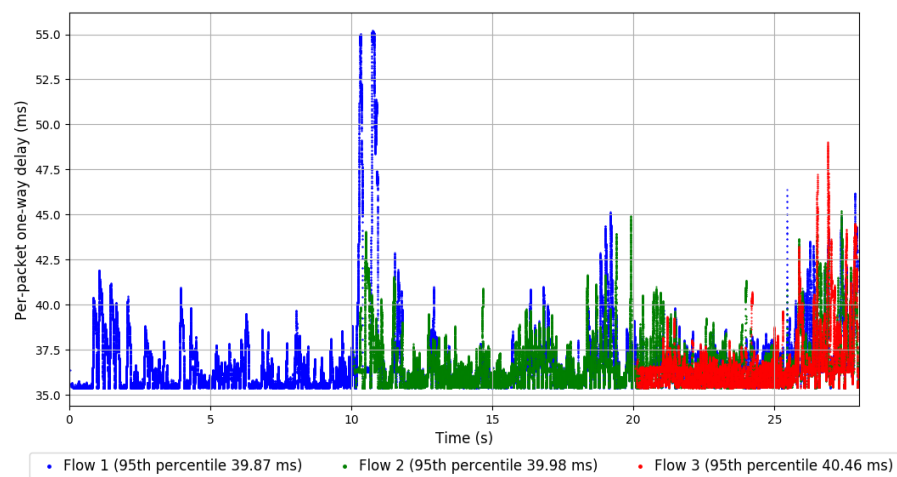
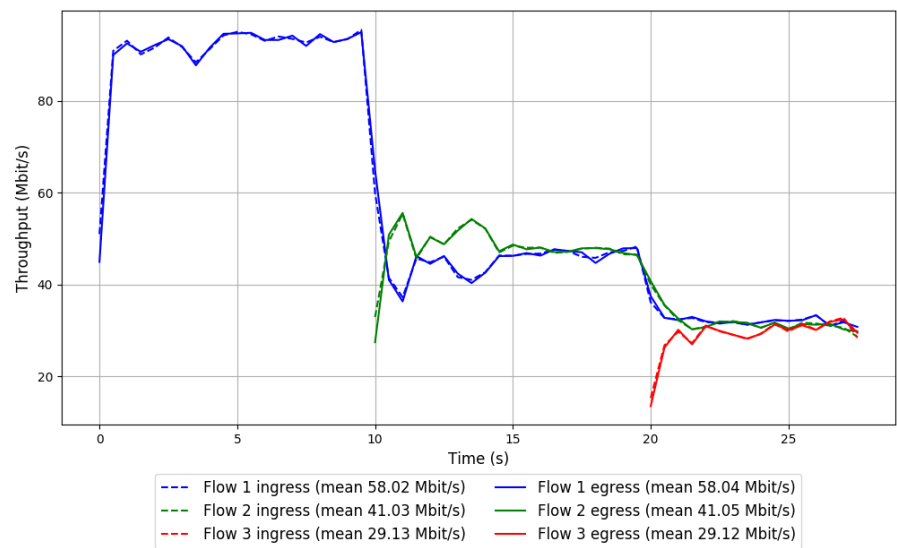


Run 8: Statistics of Copa

Start at: 2018-01-02 09:27:55
End at: 2018-01-02 09:28:25
Local clock offset: 4.435 ms
Remote clock offset: -14.975 ms

Below is generated by plot.py at 2018-01-02 13:34:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.62 Mbit/s
95th percentile per-packet one-way delay: 39.944 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 58.04 Mbit/s
95th percentile per-packet one-way delay: 39.874 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 41.05 Mbit/s
95th percentile per-packet one-way delay: 39.980 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 29.12 Mbit/s
95th percentile per-packet one-way delay: 40.456 ms
Loss rate: 0.37%

Run 8: Report of Copa — Data Link

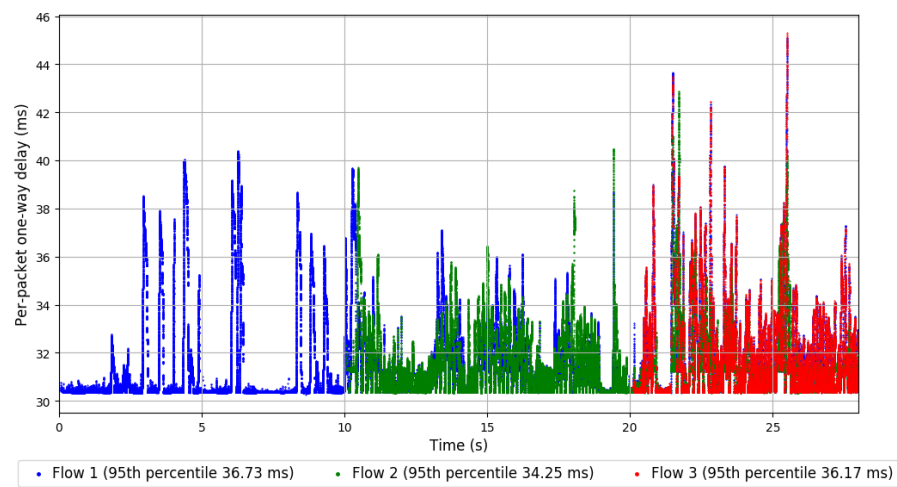
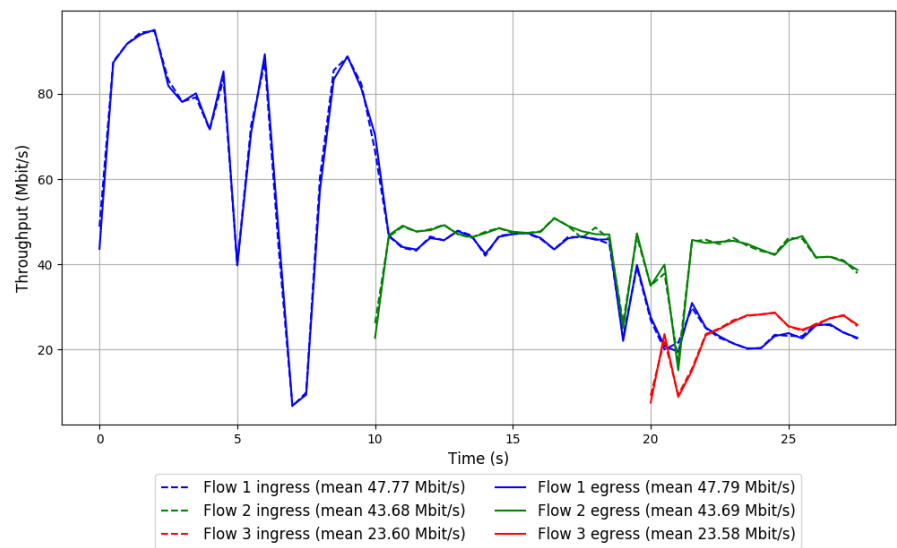


Run 9: Statistics of Copa

Start at: 2018-01-02 09:45:40
End at: 2018-01-02 09:46:10
Local clock offset: 0.3 ms
Remote clock offset: -13.98 ms

Below is generated by plot.py at 2018-01-02 13:35:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.49 Mbit/s
95th percentile per-packet one-way delay: 35.988 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 47.79 Mbit/s
95th percentile per-packet one-way delay: 36.731 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 43.69 Mbit/s
95th percentile per-packet one-way delay: 34.250 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 23.58 Mbit/s
95th percentile per-packet one-way delay: 36.169 ms
Loss rate: 0.42%

Run 9: Report of Copa — Data Link

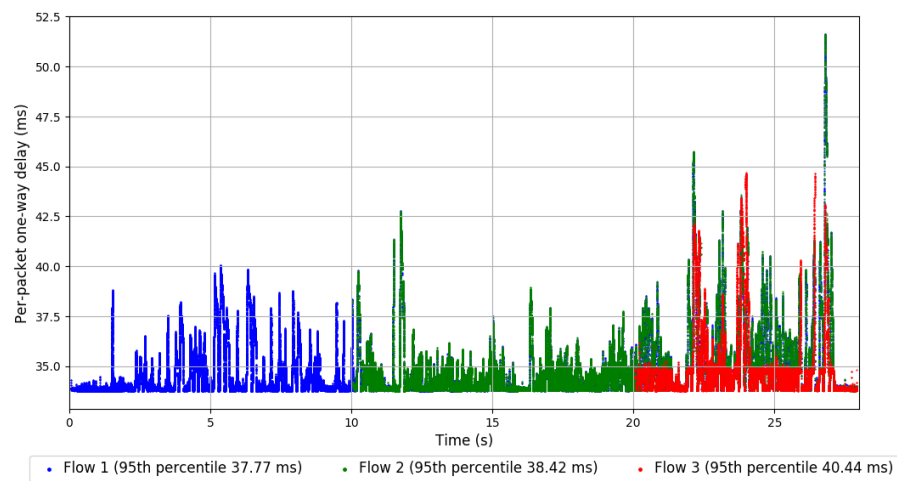
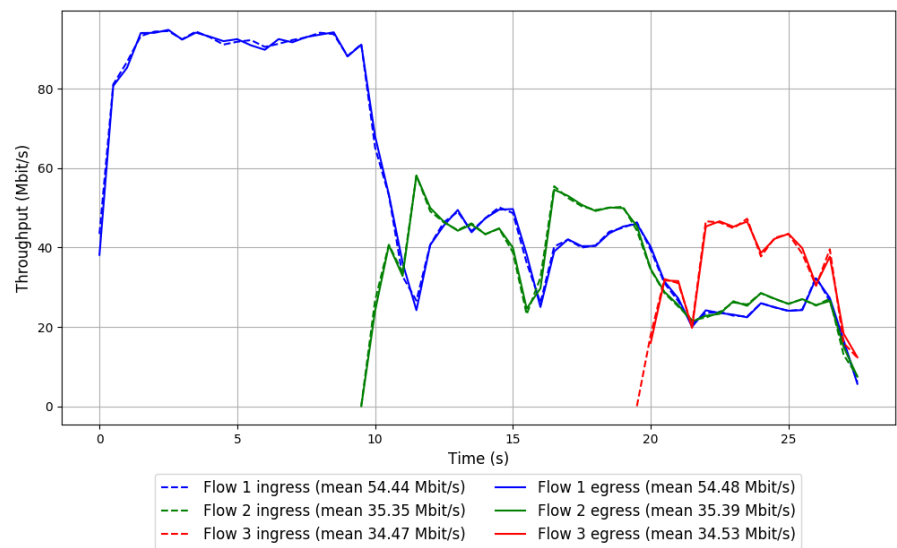


Run 10: Statistics of Copa

Start at: 2018-01-02 10:03:21
End at: 2018-01-02 10:03:51
Local clock offset: 2.086 ms
Remote clock offset: -15.51 ms

Below is generated by plot.py at 2018-01-02 13:35:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.02 Mbit/s
95th percentile per-packet one-way delay: 38.132 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 54.48 Mbit/s
95th percentile per-packet one-way delay: 37.768 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 35.39 Mbit/s
95th percentile per-packet one-way delay: 38.416 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 34.53 Mbit/s
95th percentile per-packet one-way delay: 40.435 ms
Loss rate: 0.13%

Run 10: Report of Copa — Data Link



Run 1: Statistics of FillP

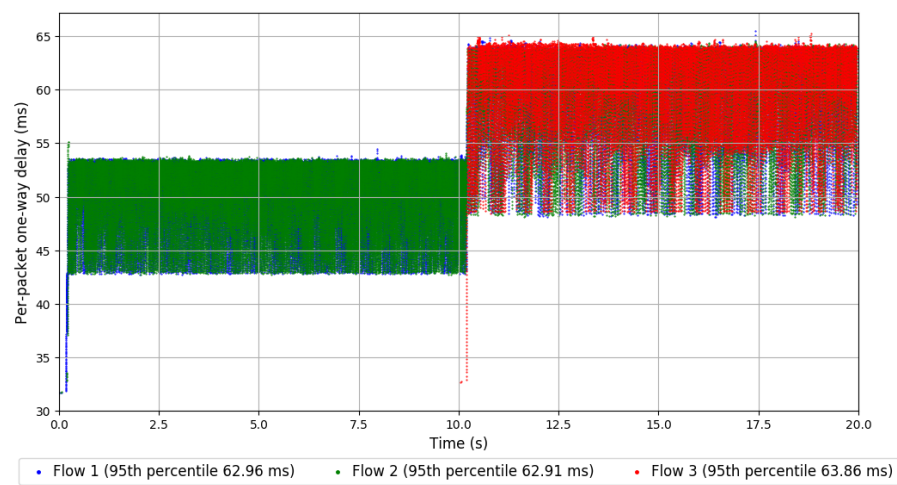
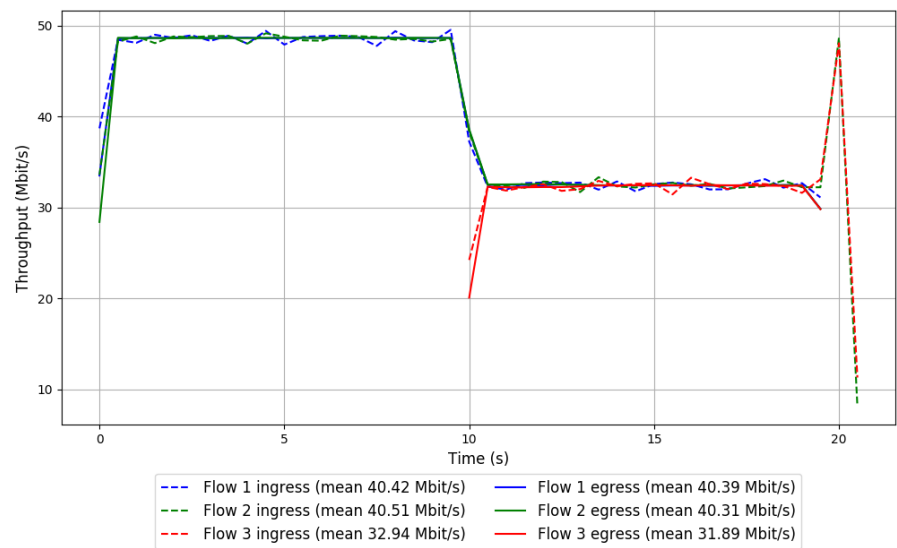
Start at: 2018-01-02 07:28:03

End at: 2018-01-02 07:28:33

Local clock offset: 0.242 ms

Remote clock offset: -10.991 ms

Run 1: Report of FillP — Data Link

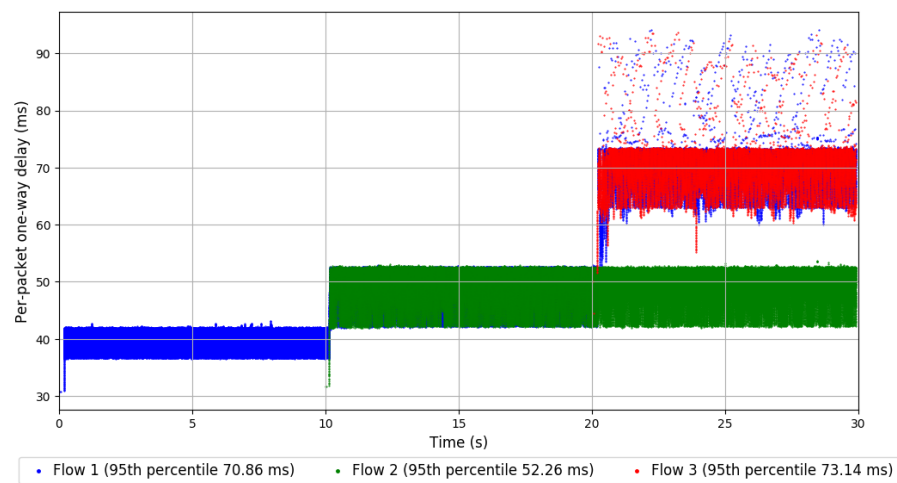
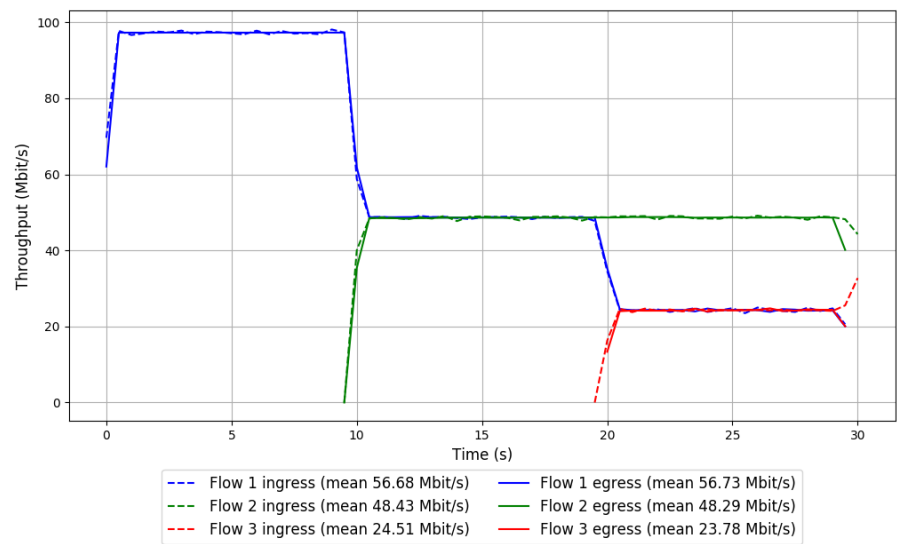


Run 2: Statistics of FillP

Start at: 2018-01-02 07:46:25
End at: 2018-01-02 07:46:55
Local clock offset: 0.9 ms
Remote clock offset: -10.219 ms

Below is generated by plot.py at 2018-01-02 13:35:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.78 Mbit/s
95th percentile per-packet one-way delay: 71.274 ms
Loss rate: 1.74%
-- Flow 1:
Average throughput: 56.73 Mbit/s
95th percentile per-packet one-way delay: 70.858 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 48.29 Mbit/s
95th percentile per-packet one-way delay: 52.258 ms
Loss rate: 2.88%
-- Flow 3:
Average throughput: 23.78 Mbit/s
95th percentile per-packet one-way delay: 73.138 ms
Loss rate: 8.09%

Run 2: Report of FillP — Data Link

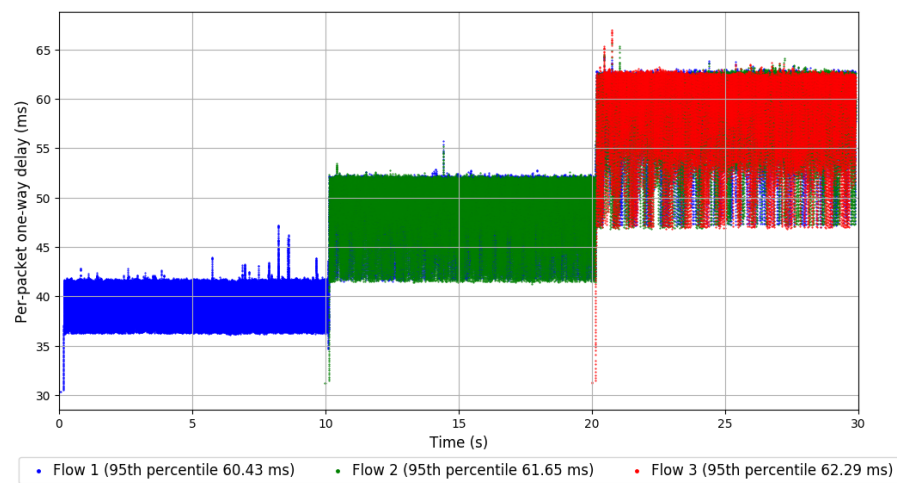
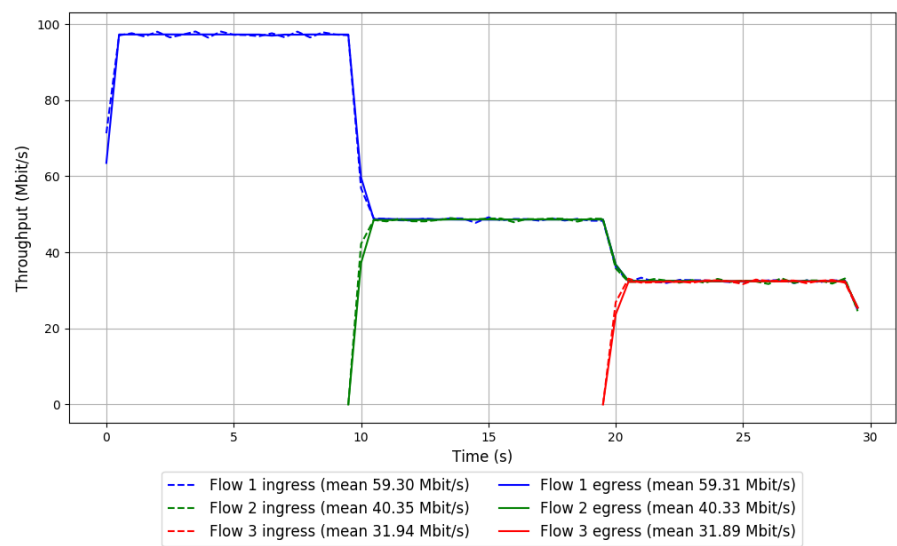


Run 3: Statistics of FillP

Start at: 2018-01-02 08:04:43
End at: 2018-01-02 08:05:13
Local clock offset: 1.314 ms
Remote clock offset: -9.875 ms

Below is generated by plot.py at 2018-01-02 13:35:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.78 Mbit/s
95th percentile per-packet one-way delay: 61.480 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 59.31 Mbit/s
95th percentile per-packet one-way delay: 60.433 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 40.33 Mbit/s
95th percentile per-packet one-way delay: 61.647 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 31.89 Mbit/s
95th percentile per-packet one-way delay: 62.293 ms
Loss rate: 0.52%

Run 3: Report of FillP — Data Link

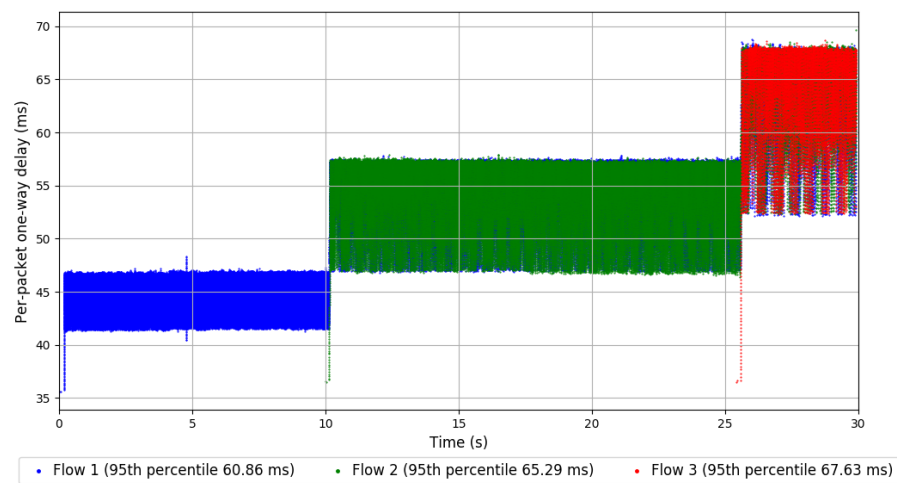
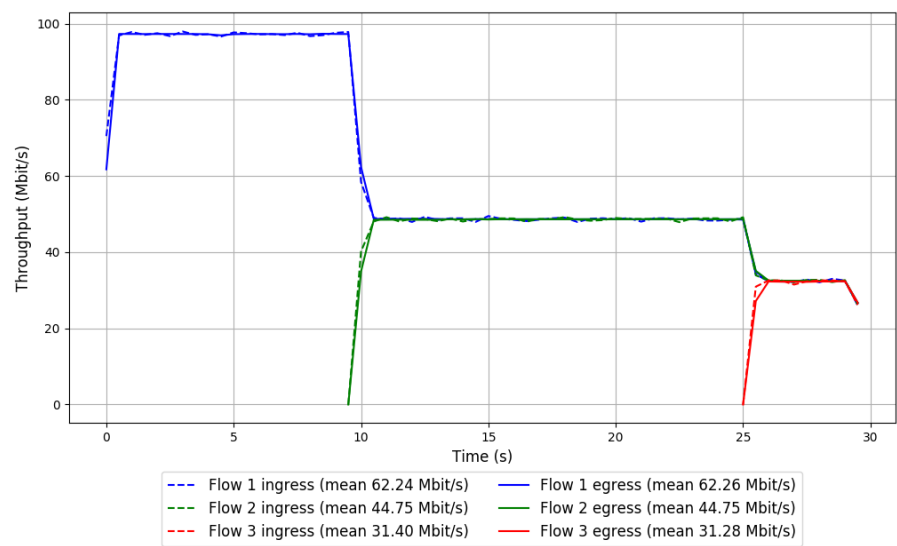


Run 4: Statistics of FillP

Start at: 2018-01-02 08:22:56
End at: 2018-01-02 08:23:26
Local clock offset: 5.192 ms
Remote clock offset: -11.428 ms

Below is generated by plot.py at 2018-01-02 13:35:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.77 Mbit/s
95th percentile per-packet one-way delay: 64.944 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 62.26 Mbit/s
95th percentile per-packet one-way delay: 60.864 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 44.75 Mbit/s
95th percentile per-packet one-way delay: 65.289 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 31.28 Mbit/s
95th percentile per-packet one-way delay: 67.628 ms
Loss rate: 1.27%

Run 4: Report of FillP — Data Link

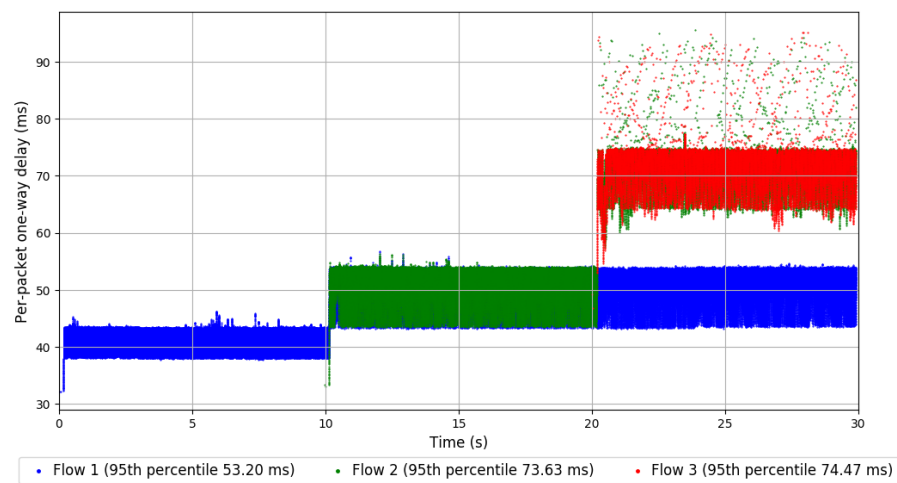
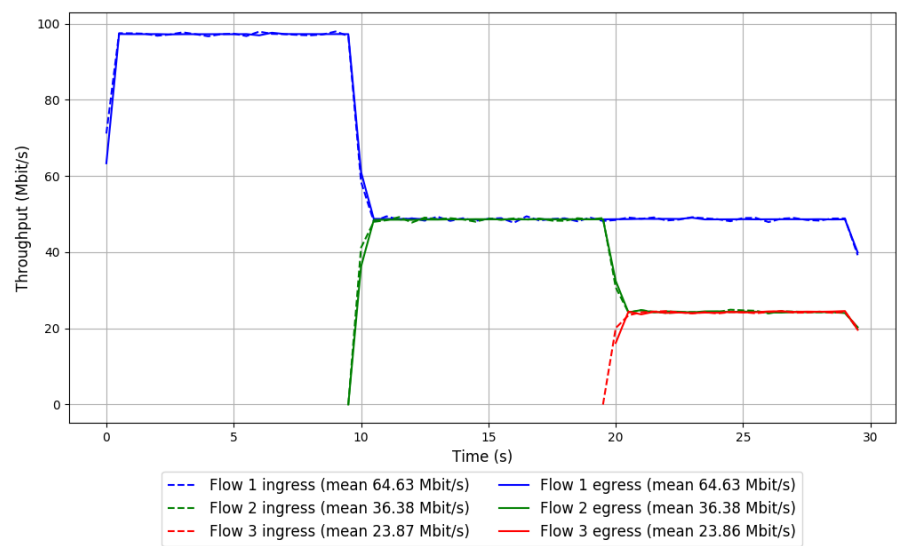


Run 5: Statistics of FillP

Start at: 2018-01-02 08:41:10
End at: 2018-01-02 08:41:40
Local clock offset: 2.514 ms
Remote clock offset: -11.103 ms

Below is generated by plot.py at 2018-01-02 13:35:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.80 Mbit/s
95th percentile per-packet one-way delay: 72.534 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 64.63 Mbit/s
95th percentile per-packet one-way delay: 53.205 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 36.38 Mbit/s
95th percentile per-packet one-way delay: 73.632 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 23.86 Mbit/s
95th percentile per-packet one-way delay: 74.471 ms
Loss rate: 0.64%

Run 5: Report of FillP — Data Link

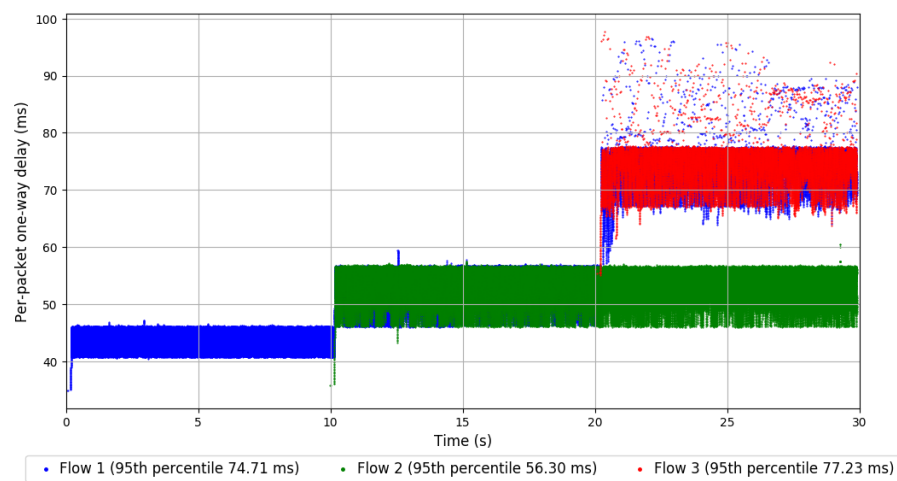
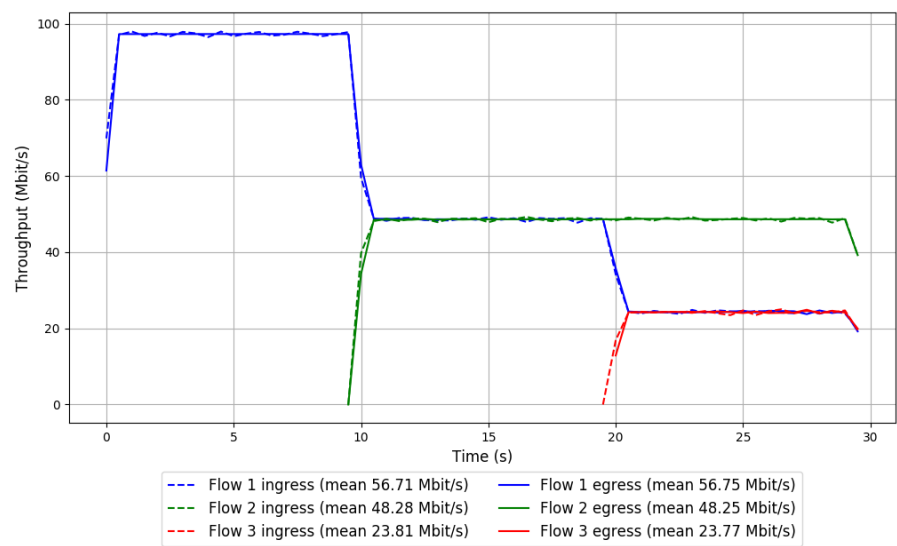


Run 6: Statistics of FillP

Start at: 2018-01-02 08:59:22
End at: 2018-01-02 08:59:52
Local clock offset: 0.646 ms
Remote clock offset: -12.798 ms

Below is generated by plot.py at 2018-01-02 13:36:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.78 Mbit/s
95th percentile per-packet one-way delay: 75.198 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 56.75 Mbit/s
95th percentile per-packet one-way delay: 74.710 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 48.25 Mbit/s
95th percentile per-packet one-way delay: 56.301 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 23.77 Mbit/s
95th percentile per-packet one-way delay: 77.232 ms
Loss rate: 0.75%

Run 6: Report of FillP — Data Link

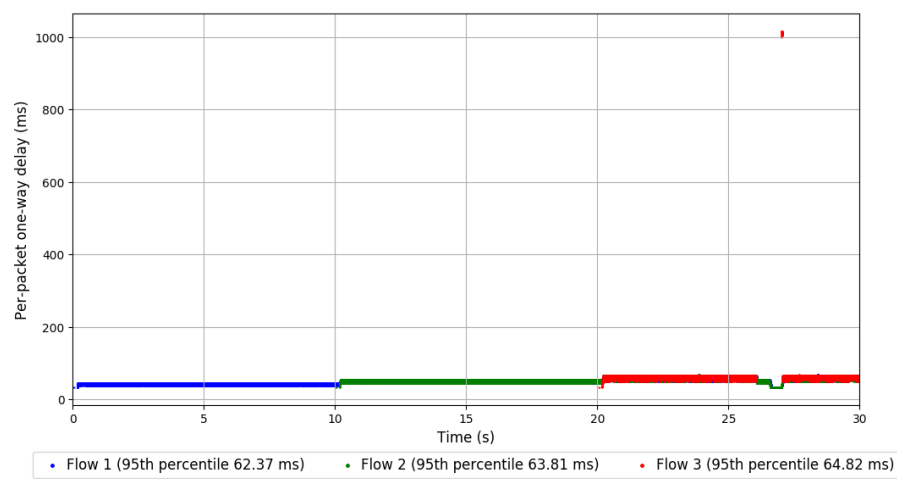
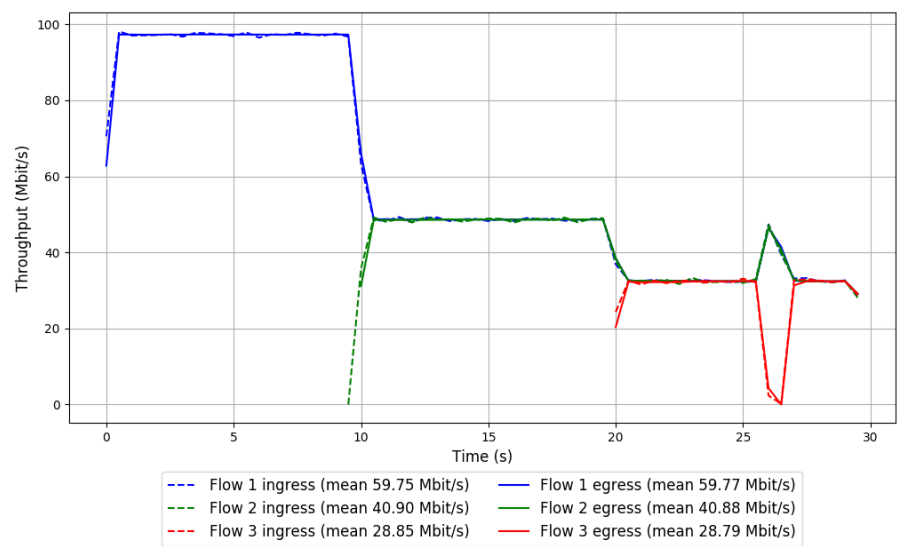


Run 7: Statistics of FillP

Start at: 2018-01-02 09:17:13
End at: 2018-01-02 09:17:43
Local clock offset: 2.44 ms
Remote clock offset: -14.574 ms

Below is generated by plot.py at 2018-01-02 13:36:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.52 Mbit/s
95th percentile per-packet one-way delay: 63.725 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 59.77 Mbit/s
95th percentile per-packet one-way delay: 62.368 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 40.88 Mbit/s
95th percentile per-packet one-way delay: 63.815 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 28.79 Mbit/s
95th percentile per-packet one-way delay: 64.820 ms
Loss rate: 0.63%

Run 7: Report of FillP — Data Link

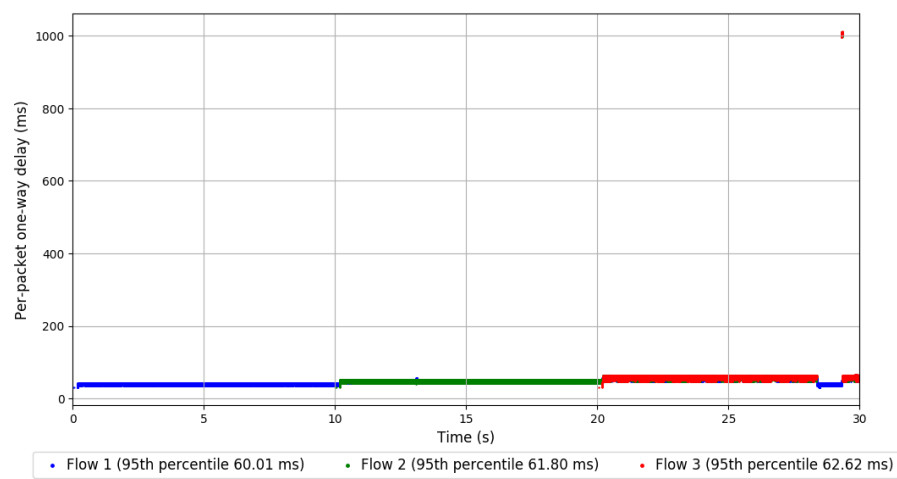
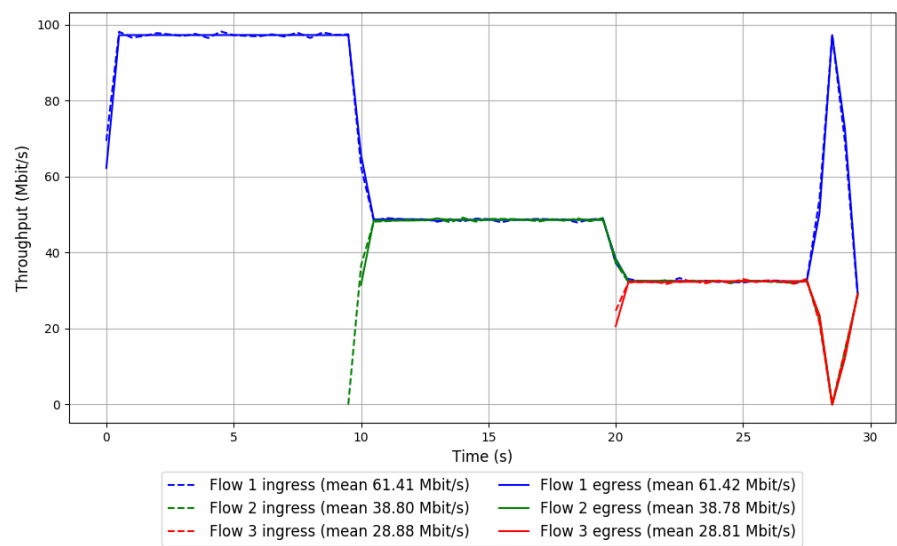


Run 8: Statistics of FillP

Start at: 2018-01-02 09:35:06
End at: 2018-01-02 09:35:36
Local clock offset: 0.813 ms
Remote clock offset: -13.829 ms

Below is generated by plot.py at 2018-01-02 13:37:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.78 Mbit/s
95th percentile per-packet one-way delay: 61.542 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 61.42 Mbit/s
95th percentile per-packet one-way delay: 60.014 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 38.78 Mbit/s
95th percentile per-packet one-way delay: 61.798 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 28.81 Mbit/s
95th percentile per-packet one-way delay: 62.622 ms
Loss rate: 0.58%

Run 8: Report of FillP — Data Link



Run 9: Statistics of FillP

Start at: 2018-01-02 09:52:51

End at: 2018-01-02 09:53:21

Local clock offset: 0.146 ms

Remote clock offset: -13.488 ms

Run 9: Report of FillP — Data Link

Figure is missing

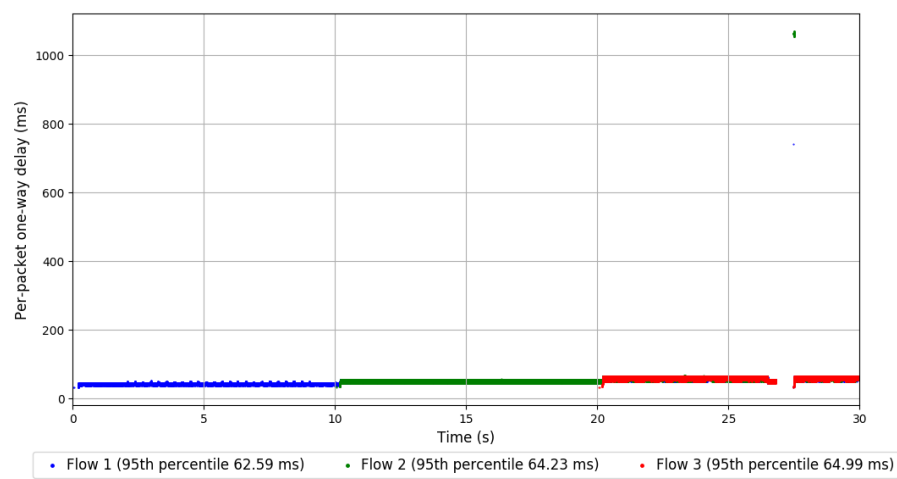
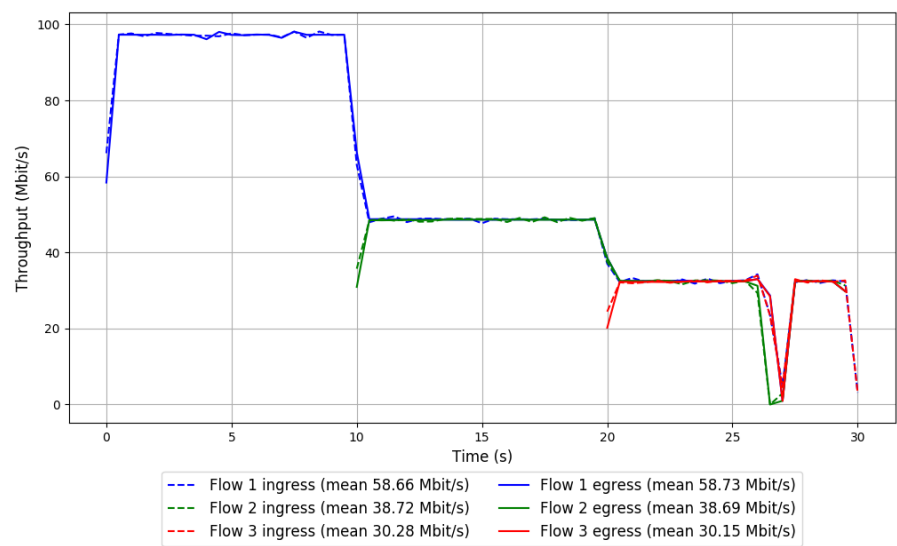
Figure is missing

Run 10: Statistics of FillP

Start at: 2018-01-02 10:10:46
End at: 2018-01-02 10:11:16
Local clock offset: 0.924 ms
Remote clock offset: -15.863 ms

Below is generated by plot.py at 2018-01-02 13:37:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.47 Mbit/s
95th percentile per-packet one-way delay: 63.957 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 58.73 Mbit/s
95th percentile per-packet one-way delay: 62.591 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 38.69 Mbit/s
95th percentile per-packet one-way delay: 64.231 ms
Loss rate: 0.37%
-- Flow 3:
Average throughput: 30.15 Mbit/s
95th percentile per-packet one-way delay: 64.990 ms
Loss rate: 1.63%

Run 10: Report of FillP — Data Link

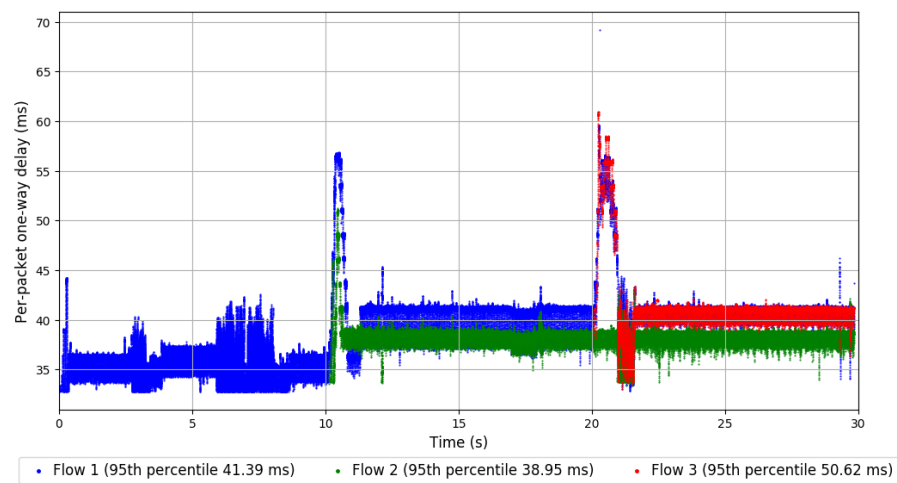
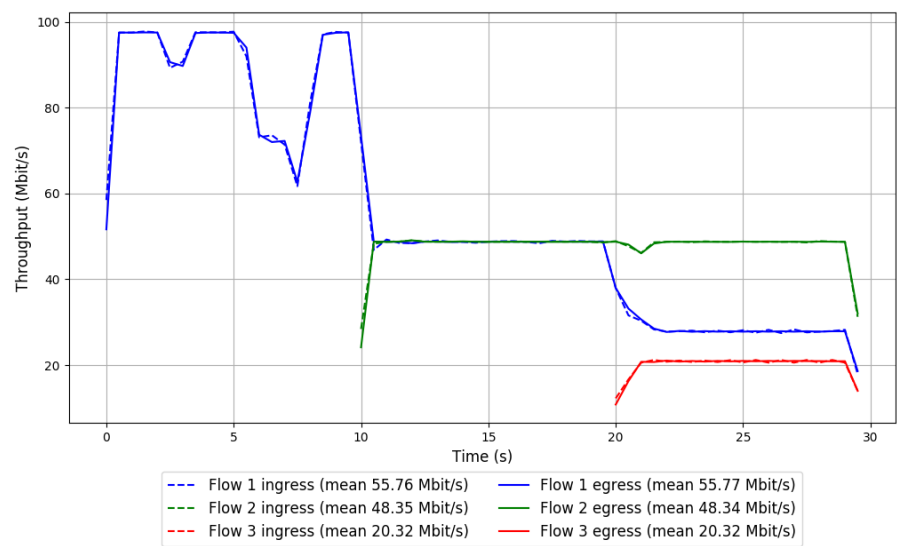


```
Run 1: Statistics of Indigo

Start at: 2018-01-02 07:30:22
End at: 2018-01-02 07:30:52
Local clock offset: 1.566 ms
Remote clock offset: -10.757 ms

# Below is generated by plot.py at 2018-01-02 13:37:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.39 Mbit/s
95th percentile per-packet one-way delay: 41.321 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 55.77 Mbit/s
95th percentile per-packet one-way delay: 41.387 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 48.34 Mbit/s
95th percentile per-packet one-way delay: 38.951 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 20.32 Mbit/s
95th percentile per-packet one-way delay: 50.625 ms
Loss rate: 0.36%
```

Run 1: Report of Indigo — Data Link

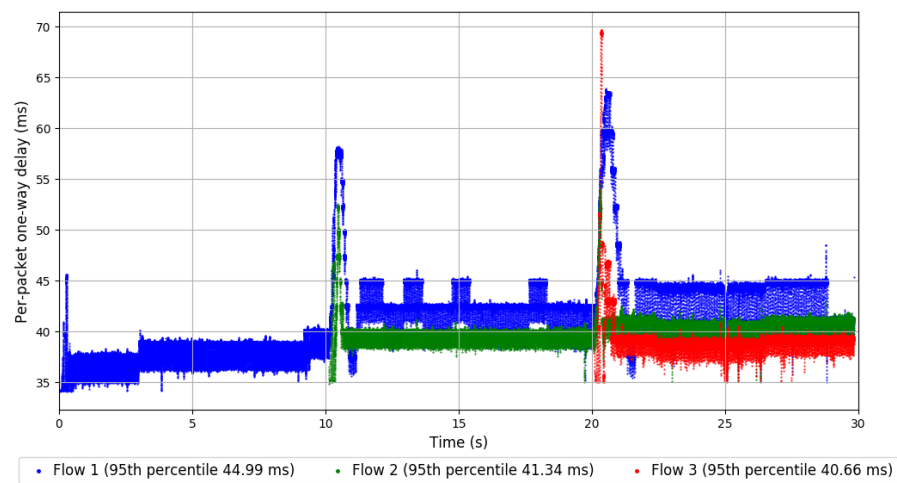
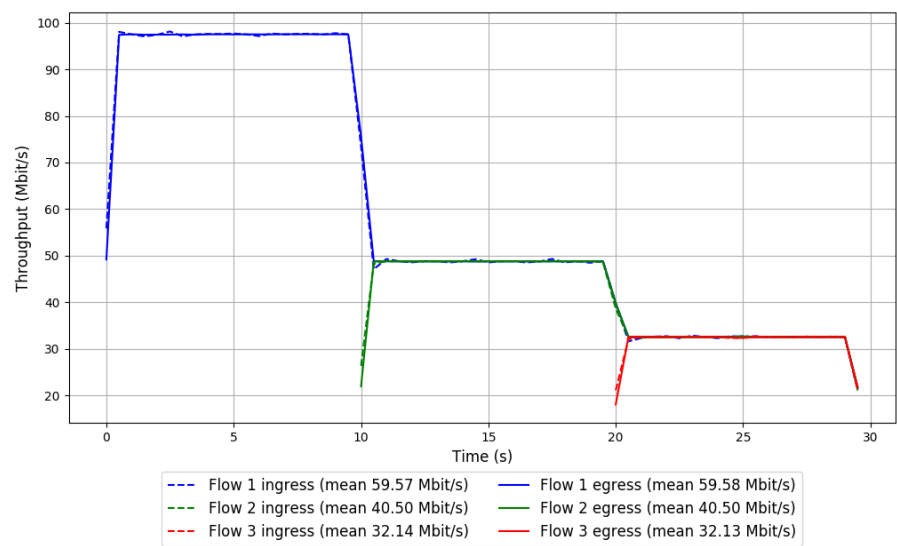


Run 2: Statistics of Indigo

Start at: 2018-01-02 07:48:59
End at: 2018-01-02 07:49:29
Local clock offset: 3.851 ms
Remote clock offset: -10.58 ms

Below is generated by plot.py at 2018-01-02 13:37:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.81 Mbit/s
95th percentile per-packet one-way delay: 44.873 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 59.58 Mbit/s
95th percentile per-packet one-way delay: 44.987 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 40.50 Mbit/s
95th percentile per-packet one-way delay: 41.335 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 32.13 Mbit/s
95th percentile per-packet one-way delay: 40.658 ms
Loss rate: 0.32%

Run 2: Report of Indigo — Data Link

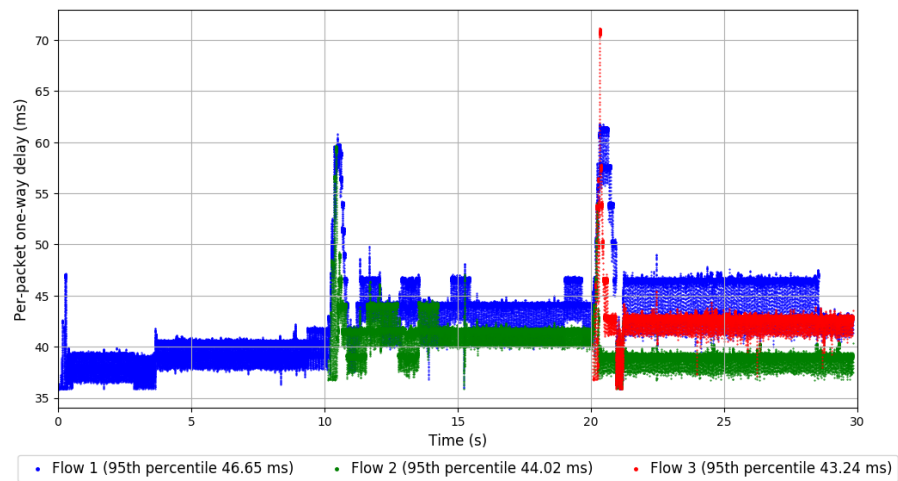
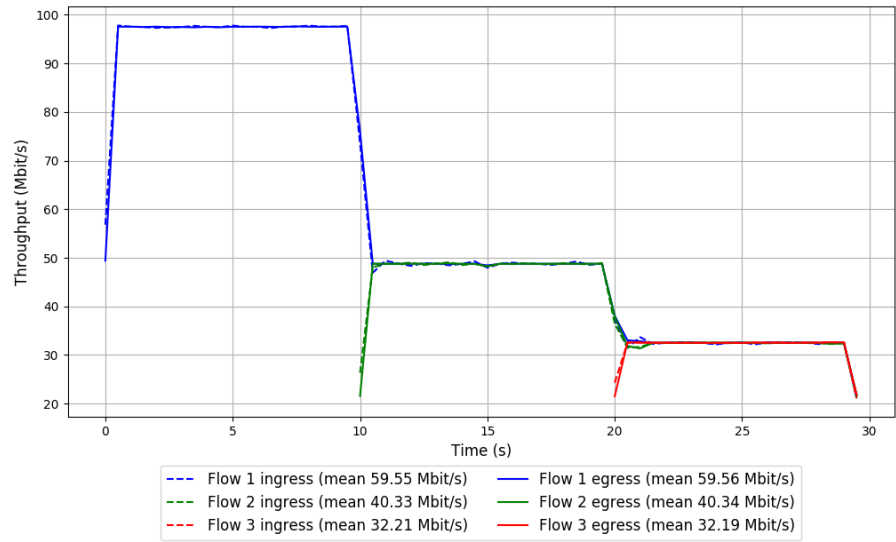


Run 3: Statistics of Indigo

Start at: 2018-01-02 08:07:07
End at: 2018-01-02 08:07:37
Local clock offset: 4.007 ms
Remote clock offset: -12.621 ms

Below is generated by plot.py at 2018-01-02 13:37:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.80 Mbit/s
95th percentile per-packet one-way delay: 46.557 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 59.56 Mbit/s
95th percentile per-packet one-way delay: 46.653 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 40.34 Mbit/s
95th percentile per-packet one-way delay: 44.021 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 32.19 Mbit/s
95th percentile per-packet one-way delay: 43.244 ms
Loss rate: 0.34%

Run 3: Report of Indigo — Data Link

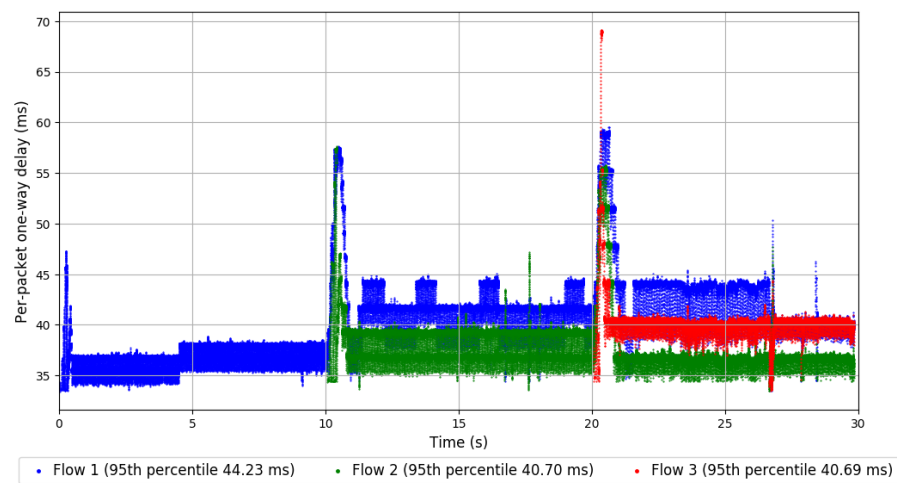
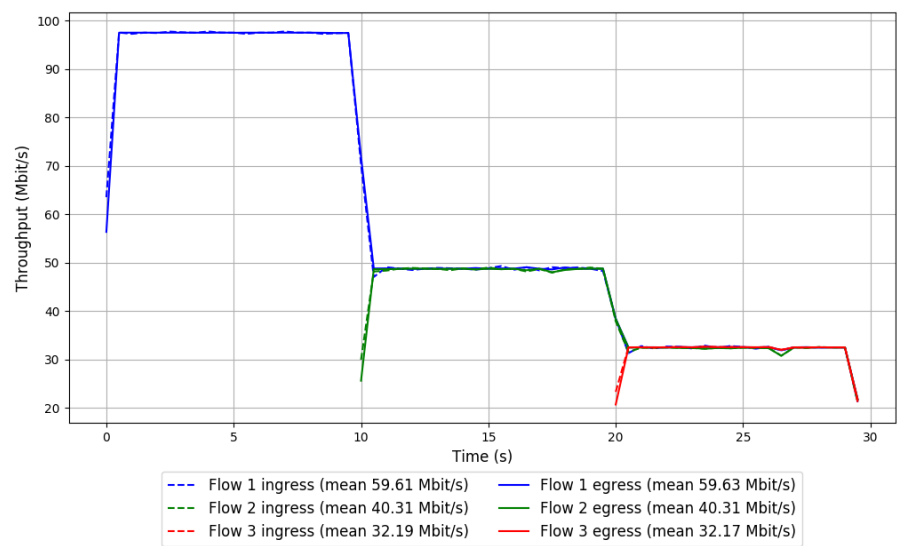


Run 4: Statistics of Indigo

Start at: 2018-01-02 08:25:20
End at: 2018-01-02 08:25:50
Local clock offset: 4.256 ms
Remote clock offset: -10.234 ms

Below is generated by plot.py at 2018-01-02 13:37:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.88 Mbit/s
95th percentile per-packet one-way delay: 44.160 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 59.63 Mbit/s
95th percentile per-packet one-way delay: 44.229 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 40.31 Mbit/s
95th percentile per-packet one-way delay: 40.699 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 32.17 Mbit/s
95th percentile per-packet one-way delay: 40.689 ms
Loss rate: 0.34%

Run 4: Report of Indigo — Data Link

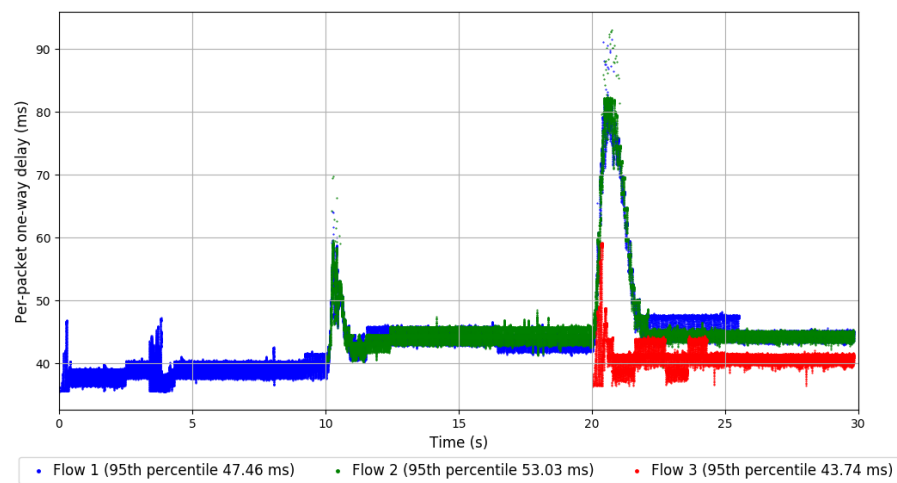
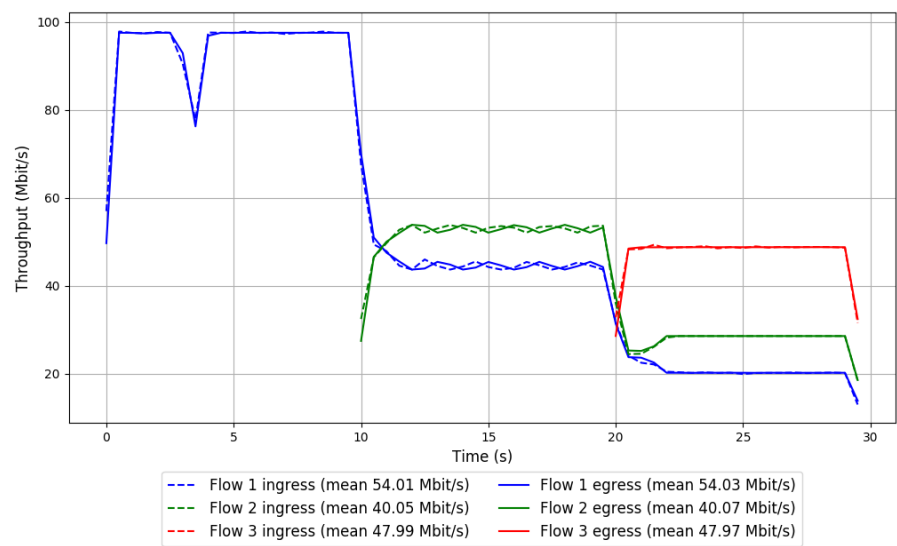


Run 5: Statistics of Indigo

Start at: 2018-01-02 08:43:40
End at: 2018-01-02 08:44:10
Local clock offset: 4.873 ms
Remote clock offset: -12.279 ms

Below is generated by plot.py at 2018-01-02 13:37:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.39 Mbit/s
95th percentile per-packet one-way delay: 47.496 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 54.03 Mbit/s
95th percentile per-packet one-way delay: 47.464 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 40.07 Mbit/s
95th percentile per-packet one-way delay: 53.034 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 47.97 Mbit/s
95th percentile per-packet one-way delay: 43.745 ms
Loss rate: 0.33%

Run 5: Report of Indigo — Data Link

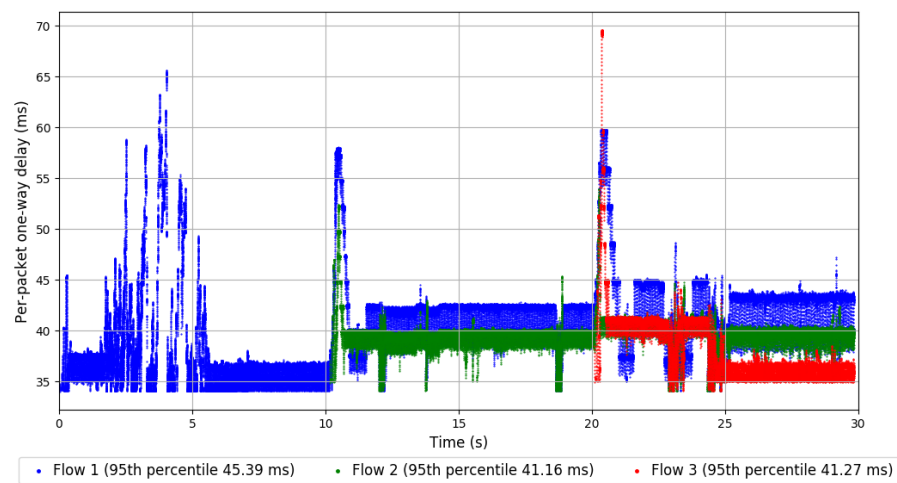
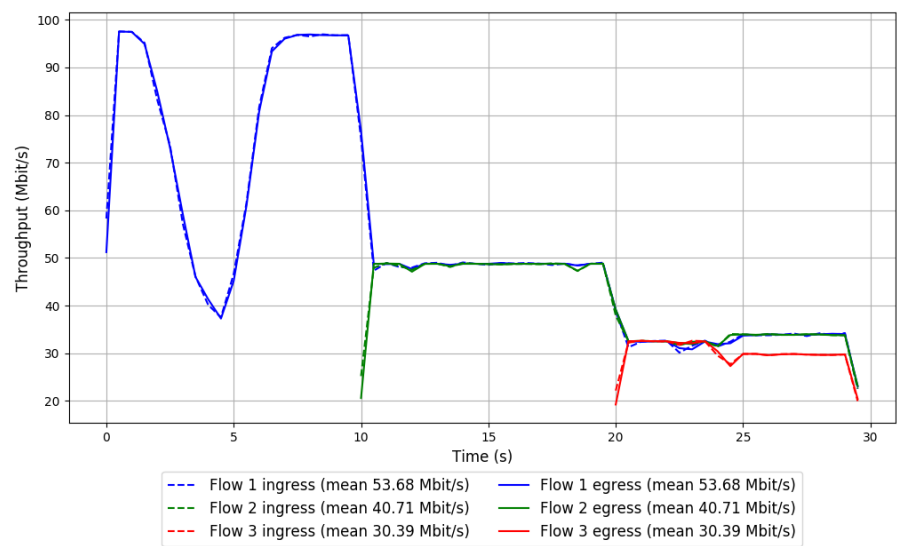


Run 6: Statistics of Indigo

Start at: 2018-01-02 09:01:46
End at: 2018-01-02 09:02:16
Local clock offset: 3.808 ms
Remote clock offset: -13.292 ms

Below is generated by plot.py at 2018-01-02 13:37:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.49 Mbit/s
95th percentile per-packet one-way delay: 44.414 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 53.68 Mbit/s
95th percentile per-packet one-way delay: 45.392 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 40.71 Mbit/s
95th percentile per-packet one-way delay: 41.160 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 30.39 Mbit/s
95th percentile per-packet one-way delay: 41.266 ms
Loss rate: 0.28%

Run 6: Report of Indigo — Data Link

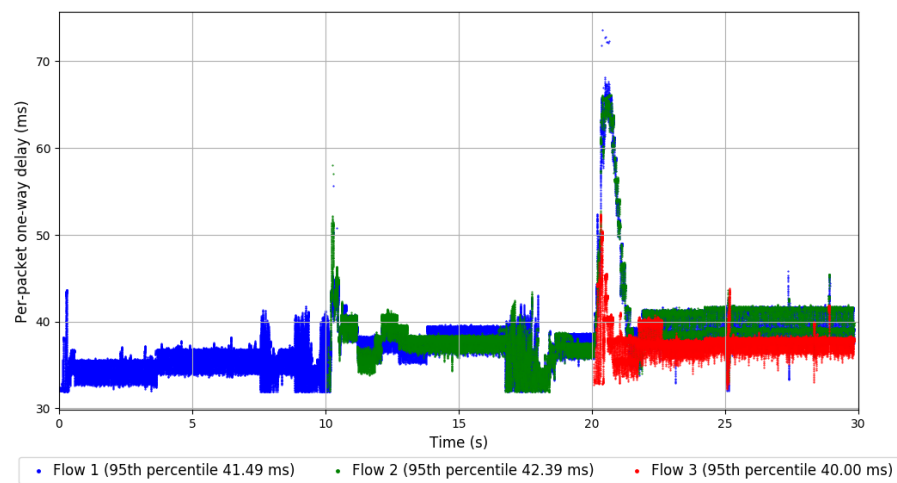
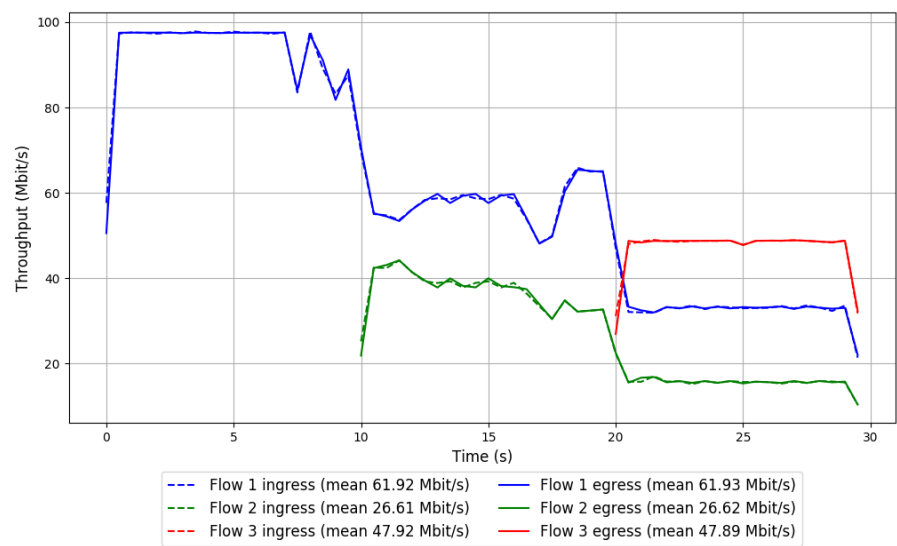


Run 7: Statistics of Indigo

Start at: 2018-01-02 09:19:33
End at: 2018-01-02 09:20:03
Local clock offset: 0.677 ms
Remote clock offset: -15.406 ms

Below is generated by plot.py at 2018-01-02 13:38:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.27 Mbit/s
95th percentile per-packet one-way delay: 41.507 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 61.93 Mbit/s
95th percentile per-packet one-way delay: 41.488 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 26.62 Mbit/s
95th percentile per-packet one-way delay: 42.392 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 47.89 Mbit/s
95th percentile per-packet one-way delay: 40.004 ms
Loss rate: 0.33%

Run 7: Report of Indigo — Data Link

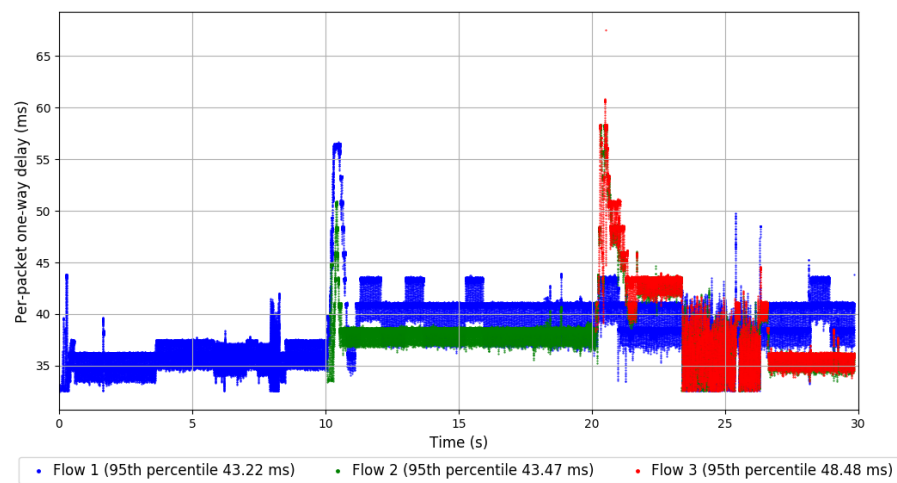
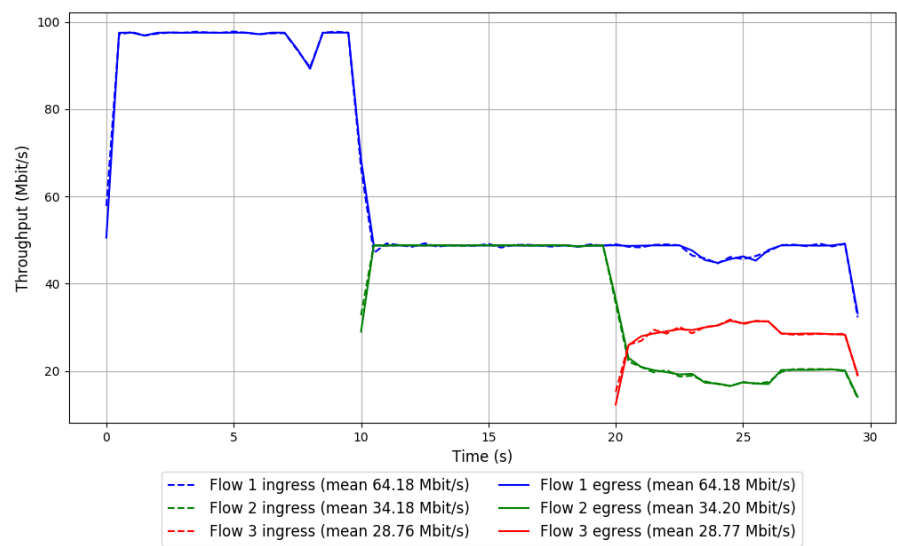


Run 8: Statistics of Indigo

Start at: 2018-01-02 09:37:27
End at: 2018-01-02 09:37:57
Local clock offset: 3.372 ms
Remote clock offset: -13.079 ms

Below is generated by plot.py at 2018-01-02 13:38:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.22 Mbit/s
95th percentile per-packet one-way delay: 43.412 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 64.18 Mbit/s
95th percentile per-packet one-way delay: 43.215 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 34.20 Mbit/s
95th percentile per-packet one-way delay: 43.473 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 28.77 Mbit/s
95th percentile per-packet one-way delay: 48.480 ms
Loss rate: 0.29%

Run 8: Report of Indigo — Data Link

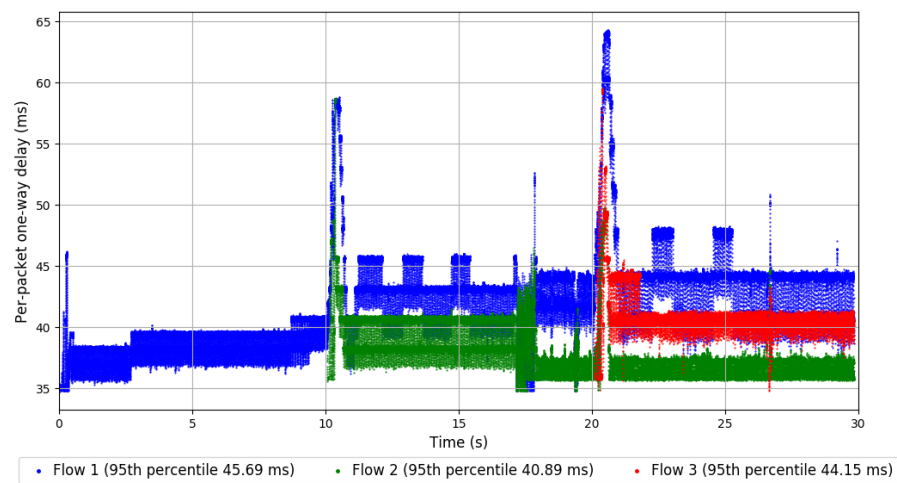
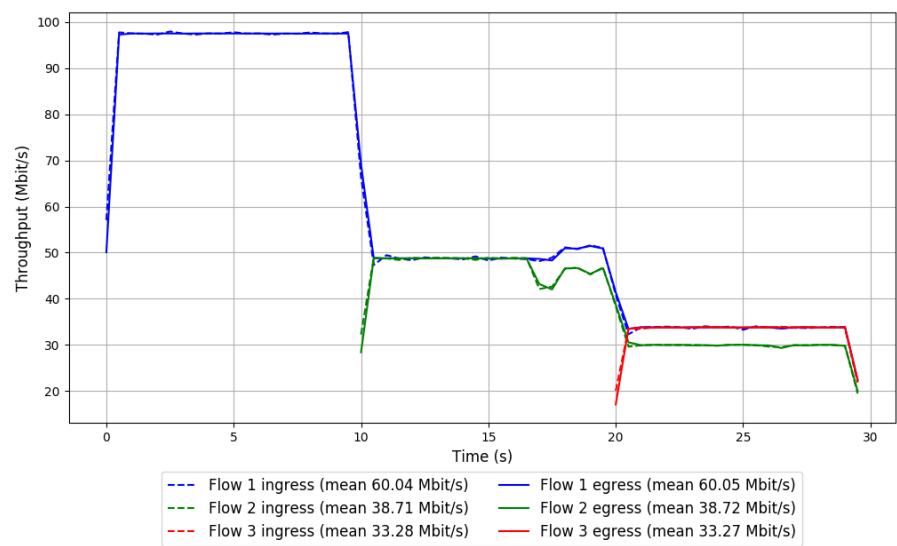


Run 9: Statistics of Indigo

Start at: 2018-01-02 09:55:07
End at: 2018-01-02 09:55:37
Local clock offset: 2.863 ms
Remote clock offset: -15.802 ms

Below is generated by plot.py at 2018-01-02 13:38:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.59 Mbit/s
95th percentile per-packet one-way delay: 45.441 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 60.05 Mbit/s
95th percentile per-packet one-way delay: 45.689 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 38.72 Mbit/s
95th percentile per-packet one-way delay: 40.889 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 33.27 Mbit/s
95th percentile per-packet one-way delay: 44.153 ms
Loss rate: 0.33%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2018-01-02 10:13:07
End at: 2018-01-02 10:13:37
Local clock offset: 1.296 ms
Remote clock offset: -13.39 ms

Below is generated by plot.py at 2018-01-02 13:38:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.83 Mbit/s
95th percentile per-packet one-way delay: 39.353 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 53.40 Mbit/s
95th percentile per-packet one-way delay: 39.219 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 36.84 Mbit/s
95th percentile per-packet one-way delay: 44.242 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 46.43 Mbit/s
95th percentile per-packet one-way delay: 34.718 ms
Loss rate: 0.23%

Run 10: Report of Indigo — Data Link

