

Pantheon Report

Generated at 2018-01-26 17:52:34 (UTC).

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

Repeated the test of 15 congestion control schemes 10 times.

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

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

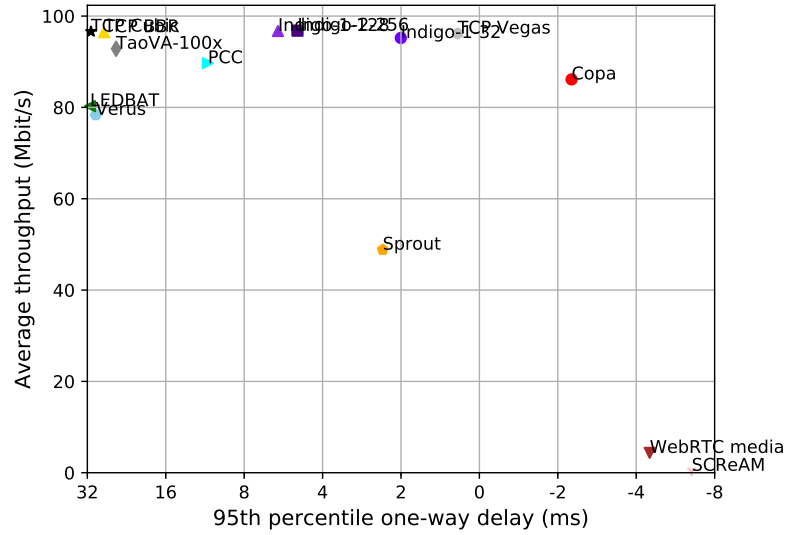
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

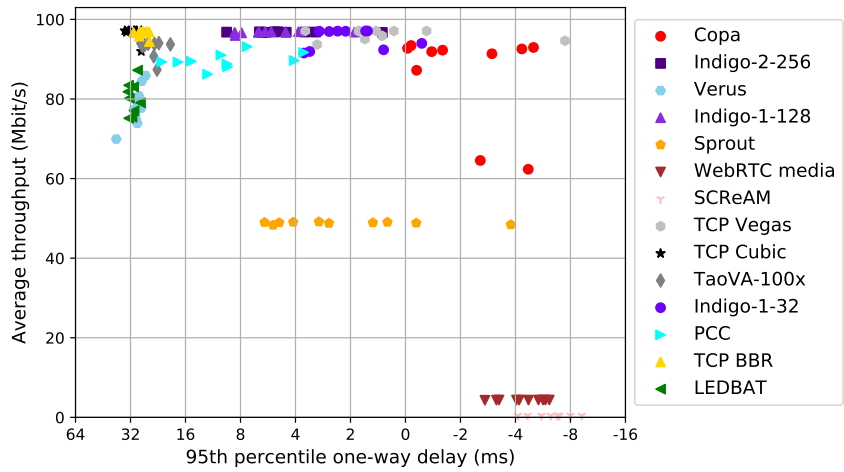
Git summary:

```
branch: master @ f23294ec38436c9f802847d477a41b7343ec76e6
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ ec9585325218d5048c4d4152fa42240af54c6e67
third_party/genericCC @ 80b516c448f795fd6e9675f7177b69c622f07da8
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecd90c077e64d
third_party/indigo-1-layer-32-unit-no-calib @ 1f3a7f75b41135ed5b540c0fd3505939528e2a5f
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 @ f1a14bffe749737437f61b1eae30b267cde681
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/vivace @ 423cbca3e8ea1d599e7b5cf725835e8a2b6bfac6
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

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



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



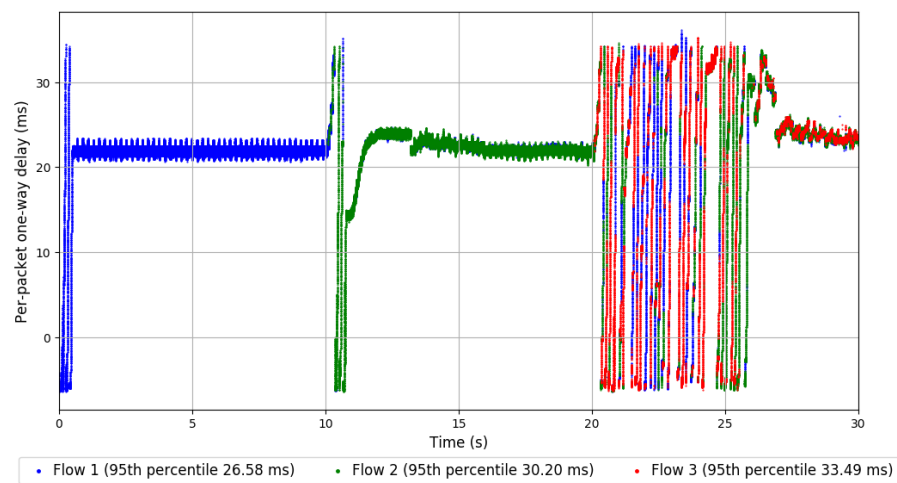
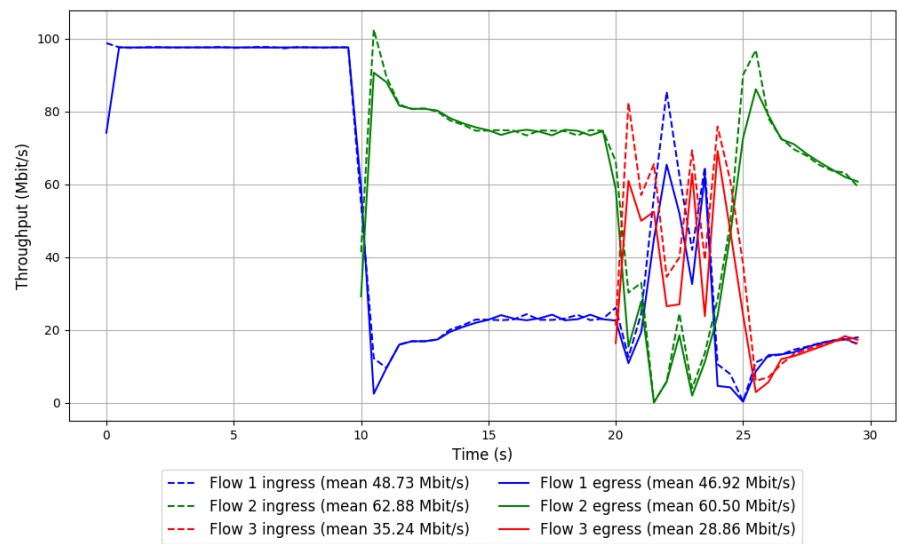
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	9	54.41	47.79	31.22	24.85	28.22	28.71	3.10	6.14	11.46
TCP Cubic	10	65.46	32.83	28.04	30.93	30.82	31.46	0.82	0.87	0.75
LEDBAT	9	50.56	34.47	21.56	30.97	31.59	31.84	0.44	0.68	1.21
PCC	10	78.06	12.45	10.13	9.74	14.67	15.30	0.63	0.43	0.58
QUIC Cubic	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCReAM	10	0.21	0.21	0.22	-6.53	-6.52	-6.56	0.00	0.00	0.00
WebRTC media	10	2.33	1.47	0.55	-4.84	-4.56	-3.51	0.00	0.00	0.03
Sprout	10	24.55	24.48	24.28	1.78	2.90	2.53	0.00	0.01	0.00
TaoVA-100x	10	58.26	38.20	34.35	22.16	26.15	27.95	3.35	7.29	15.50
TCP Vegas	10	58.00	37.40	39.97	1.93	-4.20	-4.18	0.17	0.00	0.00
Verus	10	51.40	31.62	23.46	29.17	30.09	28.73	24.81	41.96	37.77
Copa	10	46.55	46.29	31.54	404.99	-2.02	-1.41	0.00	0.00	0.00
Indigo-2-256	10	59.92	35.49	40.62	3.95	5.92	9.46	0.00	0.00	0.01
Indigo-1-32	10	50.59	40.78	47.54	1.67	2.26	3.70	0.00	0.00	0.00
Indigo-1-128	10	69.24	23.02	37.28	5.20	7.78	8.79	0.02	0.05	0.05

Run 1: Statistics of TCP BBR

Start at: 2018-01-26 13:47:59
End at: 2018-01-26 13:48:29
Local clock offset: 2.629 ms
Remote clock offset: -13.076 ms

Below is generated by plot.py at 2018-01-26 17:31:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.70 Mbit/s
95th percentile per-packet one-way delay: 30.801 ms
Loss rate: 5.35%
-- Flow 1:
Average throughput: 46.92 Mbit/s
95th percentile per-packet one-way delay: 26.577 ms
Loss rate: 3.63%
-- Flow 2:
Average throughput: 60.50 Mbit/s
95th percentile per-packet one-way delay: 30.197 ms
Loss rate: 3.79%
-- Flow 3:
Average throughput: 28.86 Mbit/s
95th percentile per-packet one-way delay: 33.487 ms
Loss rate: 18.11%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

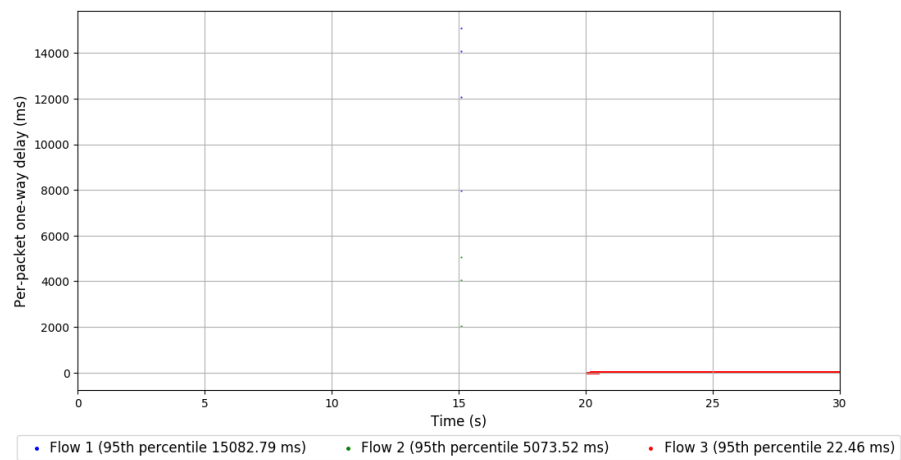
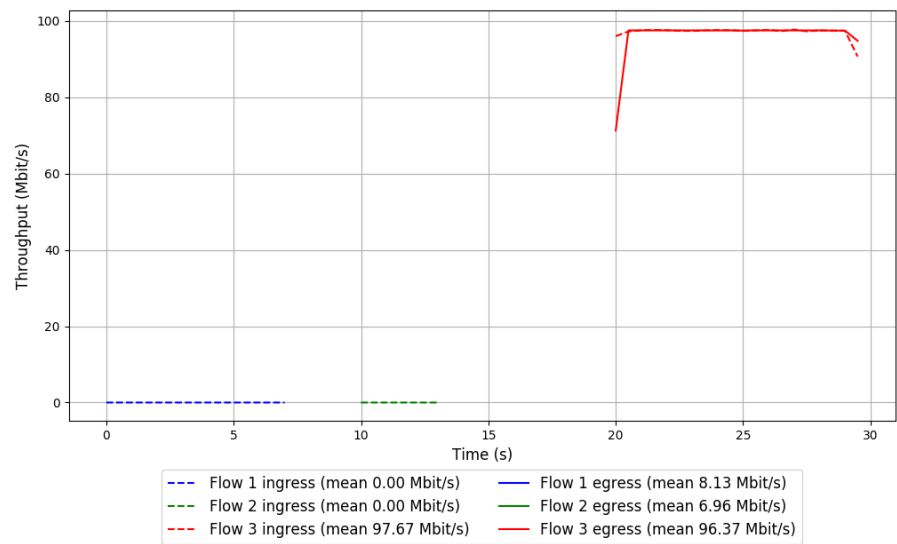
Start at: 2018-01-26 14:08:09

End at: 2018-01-26 14:08:40

Local clock offset: 2.99 ms

Remote clock offset: -13.932 ms

Run 2: Report of TCP BBR — Data Link

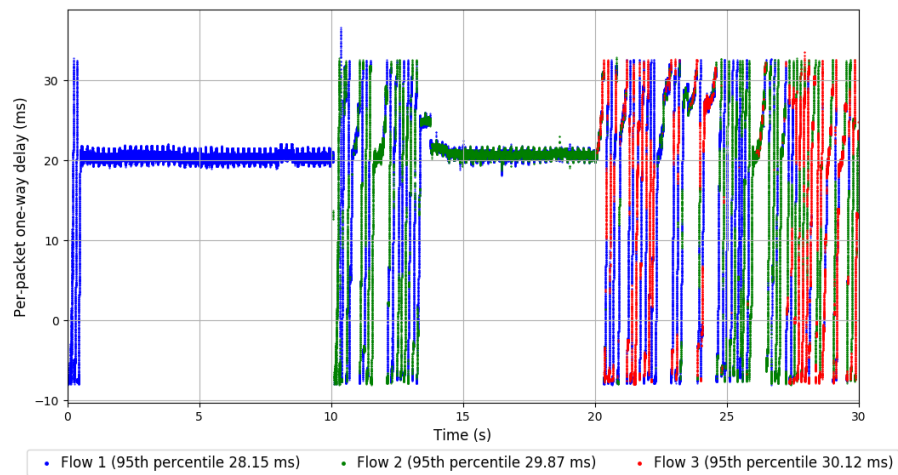
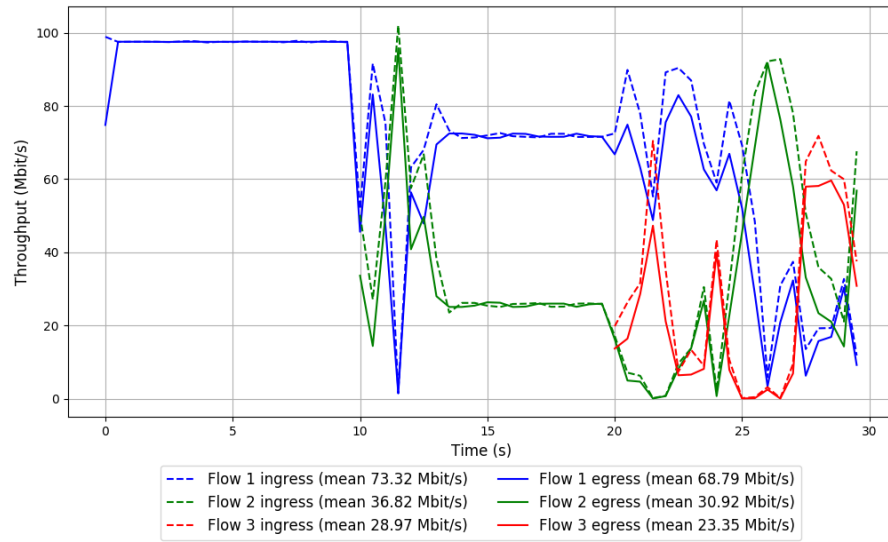


Run 3: Statistics of TCP BBR

Start at: 2018-01-26 14:28:37
End at: 2018-01-26 14:29:07
Local clock offset: 3.742 ms
Remote clock offset: -14.064 ms

Below is generated by plot.py at 2018-01-26 17:31:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.72 Mbit/s
95th percentile per-packet one-way delay: 28.602 ms
Loss rate: 9.66%
-- Flow 1:
Average throughput: 68.79 Mbit/s
95th percentile per-packet one-way delay: 28.148 ms
Loss rate: 6.26%
-- Flow 2:
Average throughput: 30.92 Mbit/s
95th percentile per-packet one-way delay: 29.874 ms
Loss rate: 16.00%
-- Flow 3:
Average throughput: 23.35 Mbit/s
95th percentile per-packet one-way delay: 30.118 ms
Loss rate: 19.37%

Run 3: Report of TCP BBR — Data Link

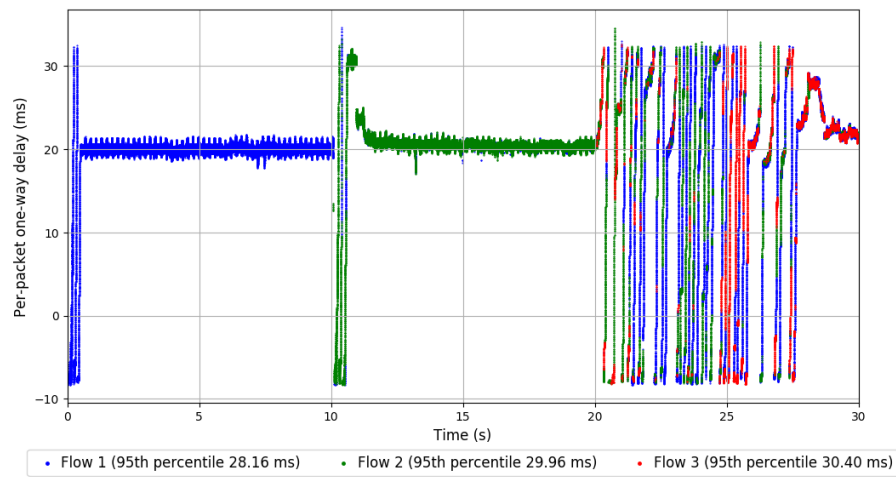
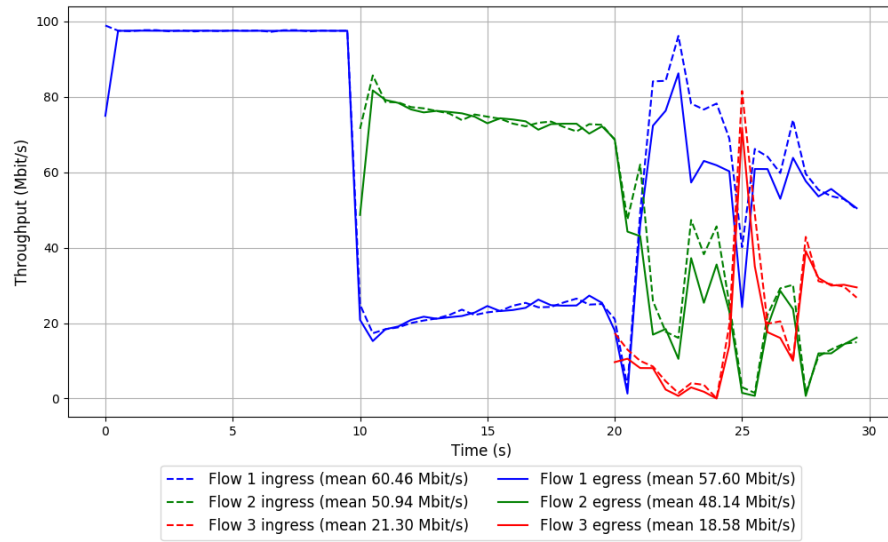


Run 4: Statistics of TCP BBR

Start at: 2018-01-26 14:48:07
End at: 2018-01-26 14:48:37
Local clock offset: 2.483 ms
Remote clock offset: -14.809 ms

Below is generated by plot.py at 2018-01-26 17:31:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.79 Mbit/s
95th percentile per-packet one-way delay: 28.704 ms
Loss rate: 5.49%
-- Flow 1:
Average throughput: 57.60 Mbit/s
95th percentile per-packet one-way delay: 28.156 ms
Loss rate: 4.64%
-- Flow 2:
Average throughput: 48.14 Mbit/s
95th percentile per-packet one-way delay: 29.957 ms
Loss rate: 5.49%
-- Flow 3:
Average throughput: 18.58 Mbit/s
95th percentile per-packet one-way delay: 30.396 ms
Loss rate: 12.79%

Run 4: Report of TCP BBR — Data Link

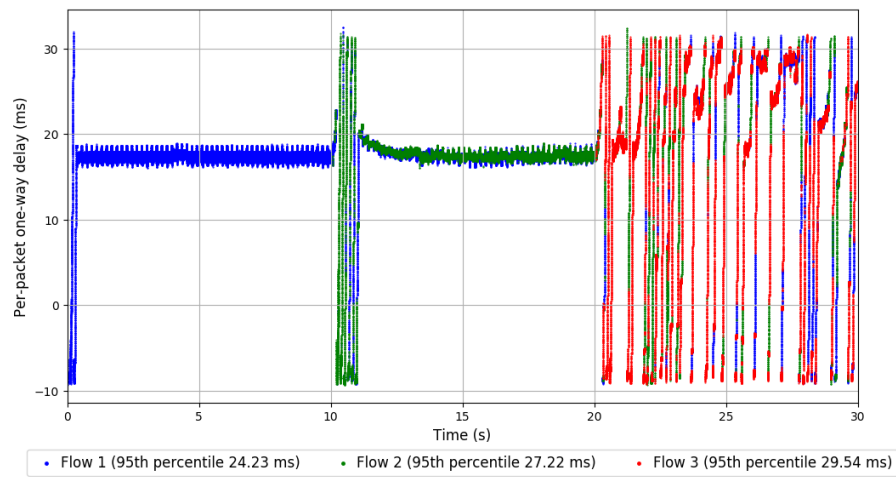
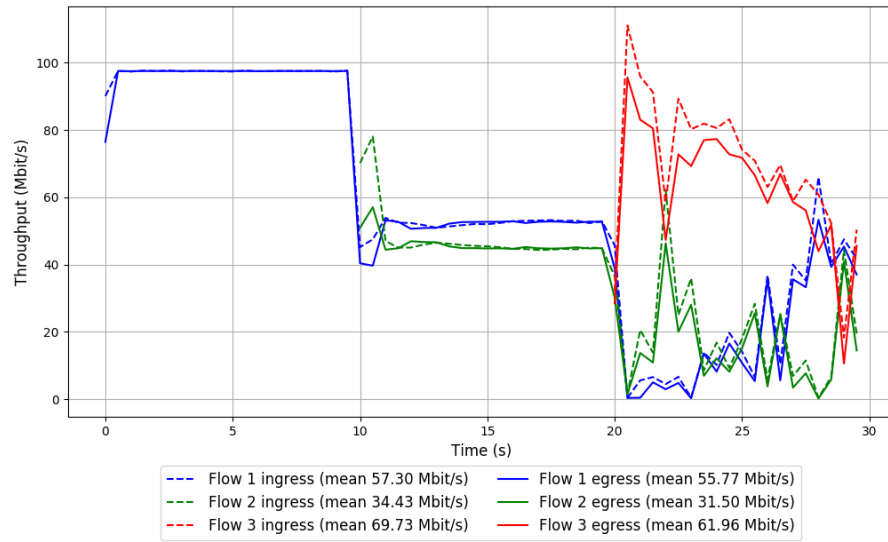


Run 5: Statistics of TCP BBR

Start at: 2018-01-26 15:08:18
End at: 2018-01-26 15:08:48
Local clock offset: 3.904 ms
Remote clock offset: -15.926 ms

Below is generated by plot.py at 2018-01-26 17:31:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.97 Mbit/s
95th percentile per-packet one-way delay: 28.473 ms
Loss rate: 5.83%
-- Flow 1:
Average throughput: 55.77 Mbit/s
95th percentile per-packet one-way delay: 24.235 ms
Loss rate: 2.56%
-- Flow 2:
Average throughput: 31.50 Mbit/s
95th percentile per-packet one-way delay: 27.218 ms
Loss rate: 8.73%
-- Flow 3:
Average throughput: 61.96 Mbit/s
95th percentile per-packet one-way delay: 29.542 ms
Loss rate: 11.06%

Run 5: Report of TCP BBR — Data Link

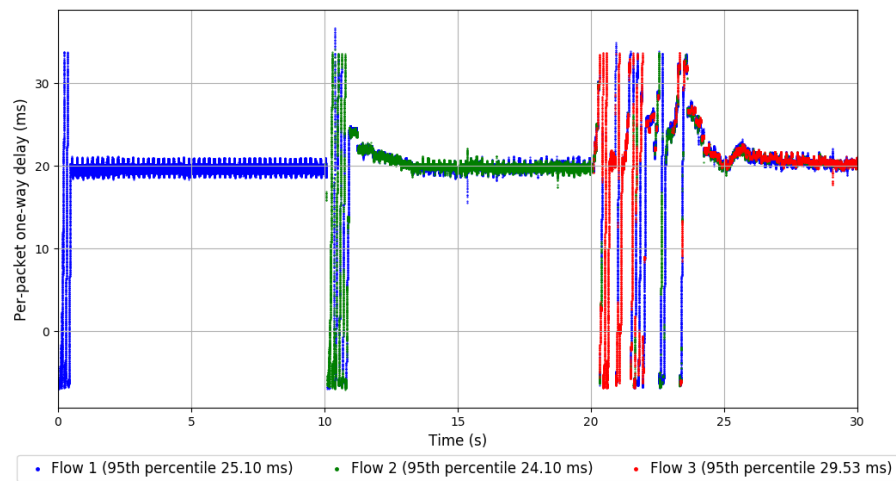
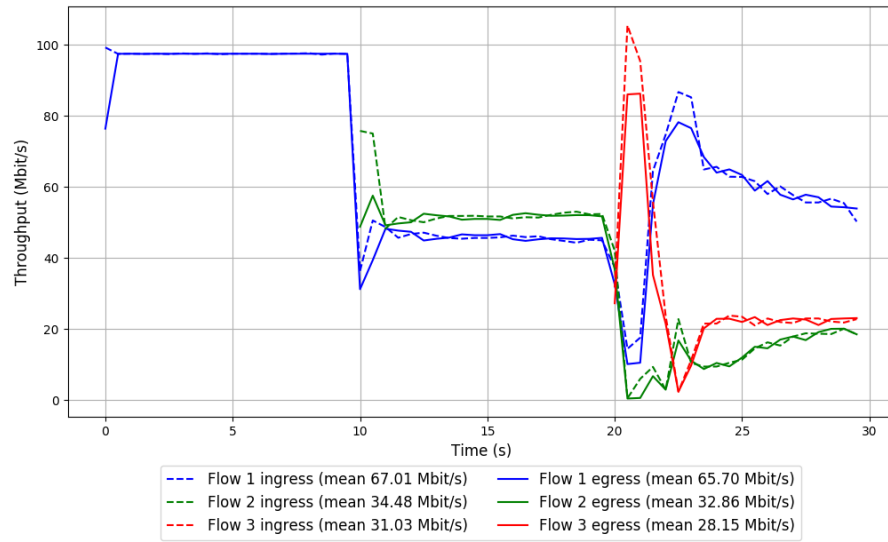


Run 6: Statistics of TCP BBR

Start at: 2018-01-26 15:27:30
End at: 2018-01-26 15:28:00
Local clock offset: 2.786 ms
Remote clock offset: -15.371 ms

Below is generated by plot.py at 2018-01-26 17:31:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 25.312 ms
Loss rate: 3.28%
-- Flow 1:
Average throughput: 65.70 Mbit/s
95th percentile per-packet one-way delay: 25.097 ms
Loss rate: 1.86%
-- Flow 2:
Average throughput: 32.86 Mbit/s
95th percentile per-packet one-way delay: 24.100 ms
Loss rate: 4.71%
-- Flow 3:
Average throughput: 28.15 Mbit/s
95th percentile per-packet one-way delay: 29.529 ms
Loss rate: 9.28%

Run 6: Report of TCP BBR — Data Link

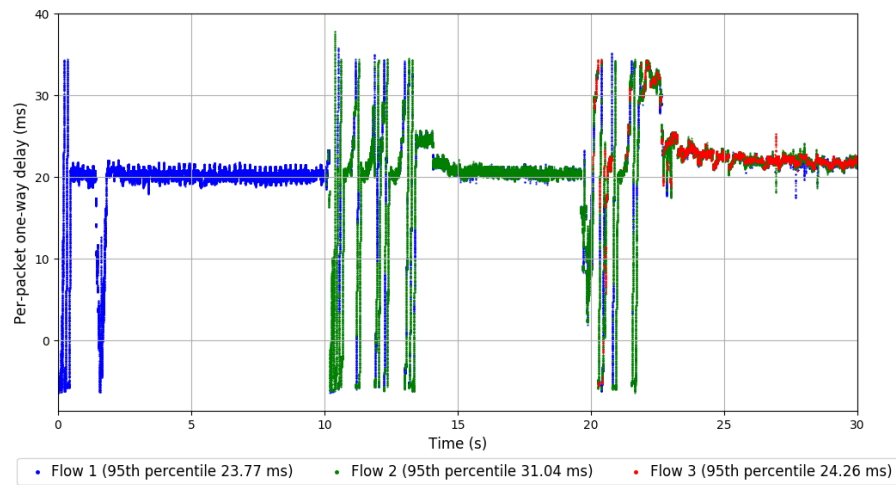
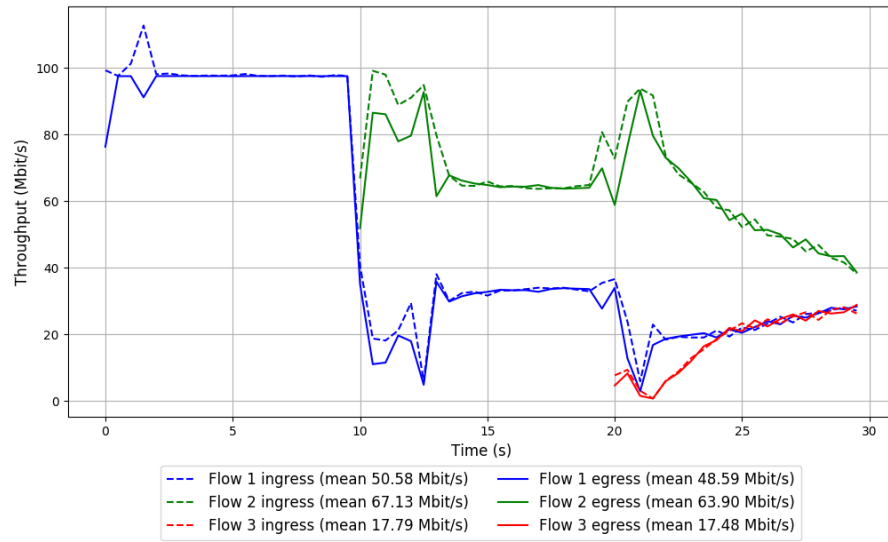


Run 7: Statistics of TCP BBR

Start at: 2018-01-26 15:46:29
End at: 2018-01-26 15:46:59
Local clock offset: 1.599 ms
Remote clock offset: -17.826 ms

Below is generated by plot.py at 2018-01-26 17:31:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.87 Mbit/s
95th percentile per-packet one-way delay: 27.596 ms
Loss rate: 4.14%
-- Flow 1:
Average throughput: 48.59 Mbit/s
95th percentile per-packet one-way delay: 23.765 ms
Loss rate: 3.86%
-- Flow 2:
Average throughput: 63.90 Mbit/s
95th percentile per-packet one-way delay: 31.042 ms
Loss rate: 4.80%
-- Flow 3:
Average throughput: 17.48 Mbit/s
95th percentile per-packet one-way delay: 24.264 ms
Loss rate: 1.61%

Run 7: Report of TCP BBR — Data Link

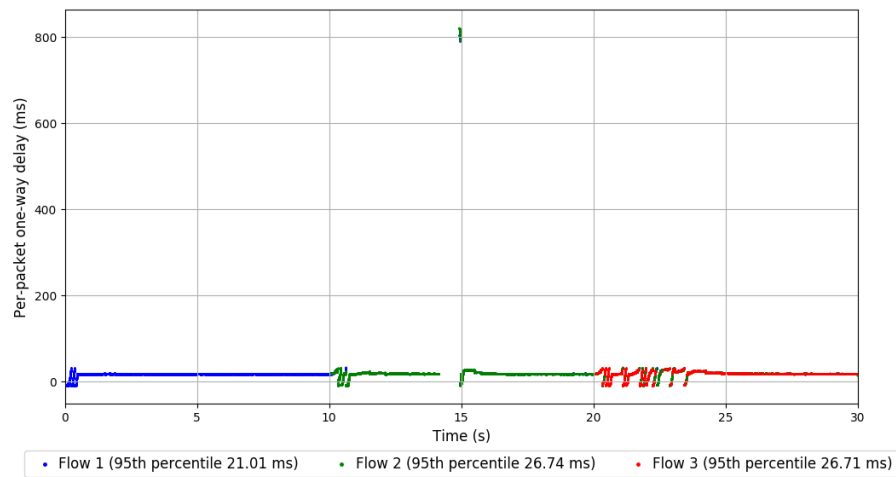
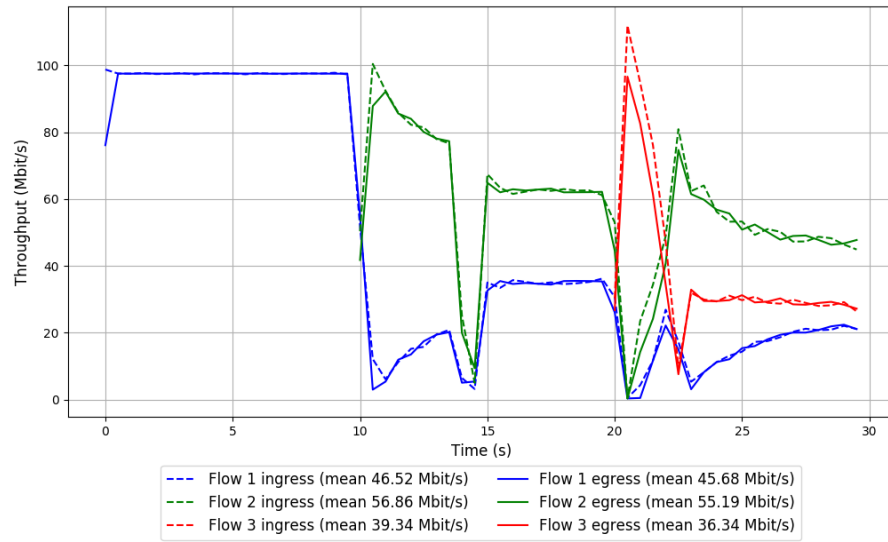


Run 8: Statistics of TCP BBR

Start at: 2018-01-26 16:05:31
End at: 2018-01-26 16:06:01
Local clock offset: 4.358 ms
Remote clock offset: -18.173 ms

Below is generated by plot.py at 2018-01-26 17:31:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.44 Mbit/s
95th percentile per-packet one-way delay: 25.230 ms
Loss rate: 2.99%
-- Flow 1:
Average throughput: 45.68 Mbit/s
95th percentile per-packet one-way delay: 21.013 ms
Loss rate: 1.71%
-- Flow 2:
Average throughput: 55.19 Mbit/s
95th percentile per-packet one-way delay: 26.740 ms
Loss rate: 2.96%
-- Flow 3:
Average throughput: 36.34 Mbit/s
95th percentile per-packet one-way delay: 26.709 ms
Loss rate: 7.63%

Run 8: Report of TCP BBR — Data Link

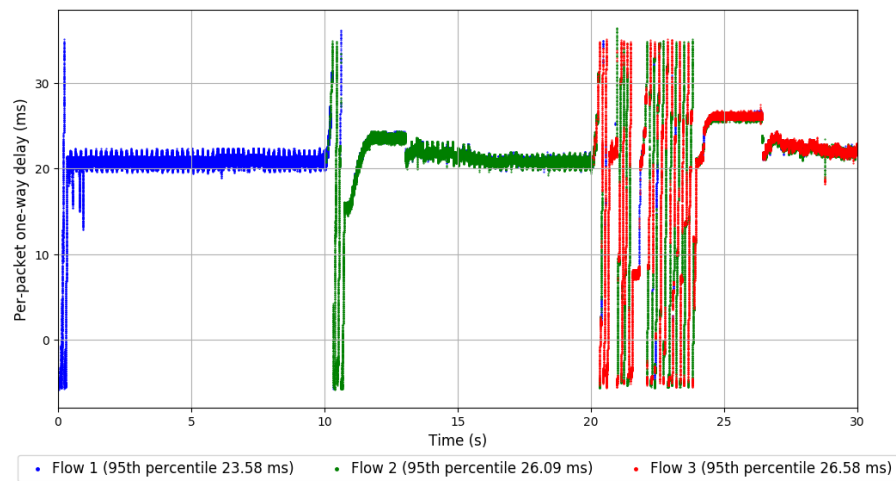
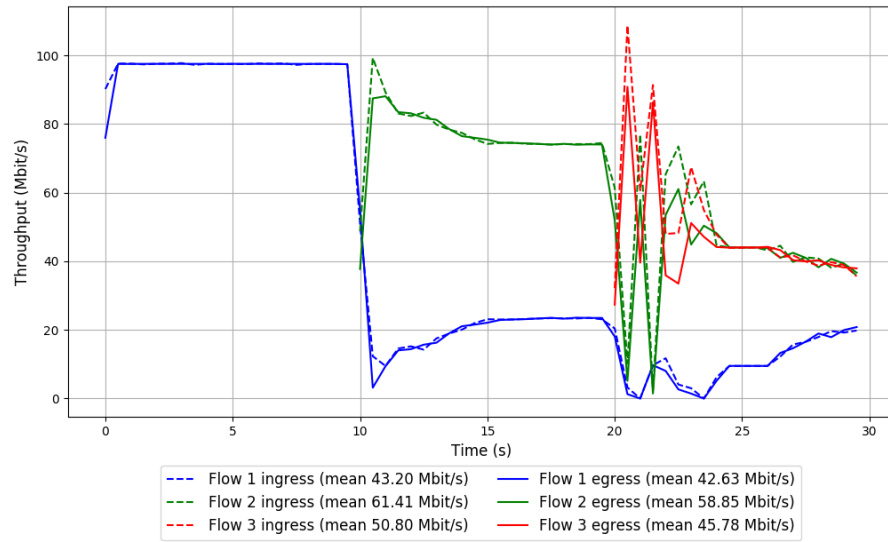


Run 9: Statistics of TCP BBR

Start at: 2018-01-26 16:25:18
End at: 2018-01-26 16:25:48
Local clock offset: 1.858 ms
Remote clock offset: -18.016 ms

Below is generated by plot.py at 2018-01-26 17:31:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.96 Mbit/s
95th percentile per-packet one-way delay: 26.197 ms
Loss rate: 3.85%
-- Flow 1:
Average throughput: 42.63 Mbit/s
95th percentile per-packet one-way delay: 23.579 ms
Loss rate: 1.23%
-- Flow 2:
Average throughput: 58.85 Mbit/s
95th percentile per-packet one-way delay: 26.095 ms
Loss rate: 4.15%
-- Flow 3:
Average throughput: 45.78 Mbit/s
95th percentile per-packet one-way delay: 26.576 ms
Loss rate: 9.86%

Run 9: Report of TCP BBR — Data Link

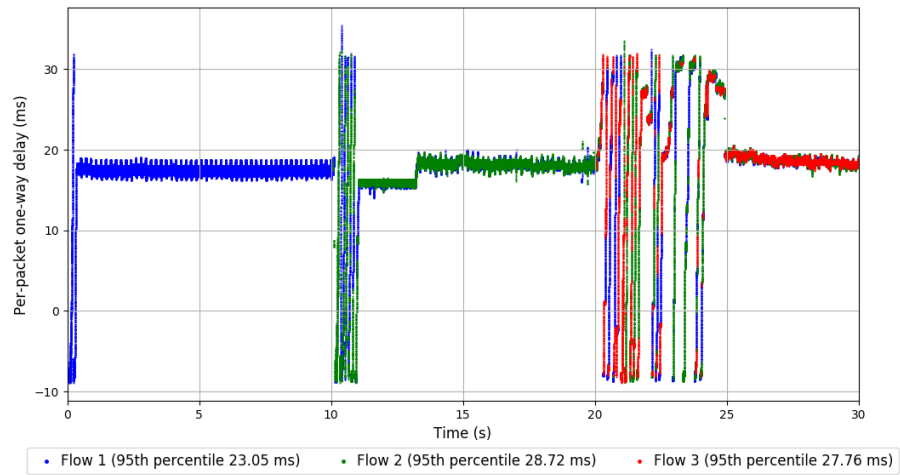
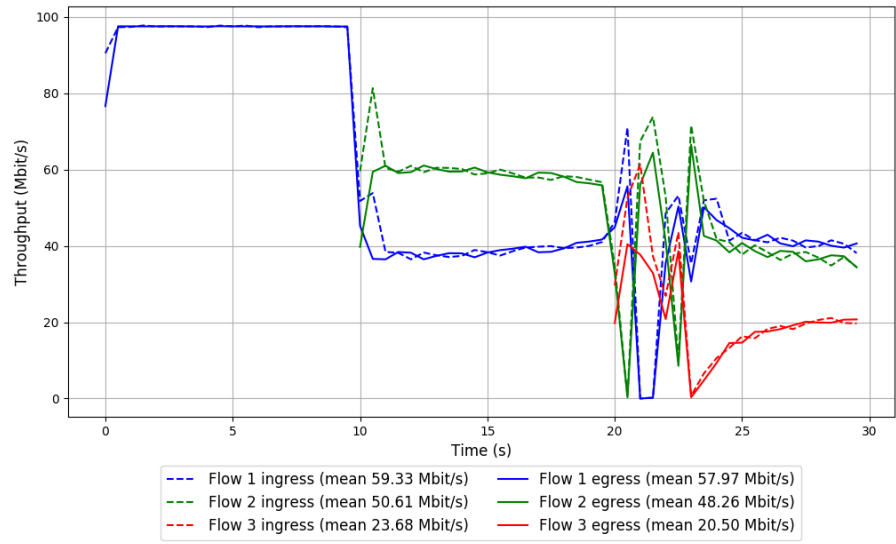


Run 10: Statistics of TCP BBR

Start at: 2018-01-26 16:44:39
End at: 2018-01-26 16:45:09
Local clock offset: 3.33 ms
Remote clock offset: -19.85 ms

Below is generated by plot.py at 2018-01-26 17:32:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.86 Mbit/s
95th percentile per-packet one-way delay: 27.333 ms
Loss rate: 3.89%
-- Flow 1:
Average throughput: 57.97 Mbit/s
95th percentile per-packet one-way delay: 23.052 ms
Loss rate: 2.19%
-- Flow 2:
Average throughput: 48.26 Mbit/s
95th percentile per-packet one-way delay: 28.716 ms
Loss rate: 4.65%
-- Flow 3:
Average throughput: 20.50 Mbit/s
95th percentile per-packet one-way delay: 27.758 ms
Loss rate: 13.45%

Run 10: Report of TCP BBR — Data Link

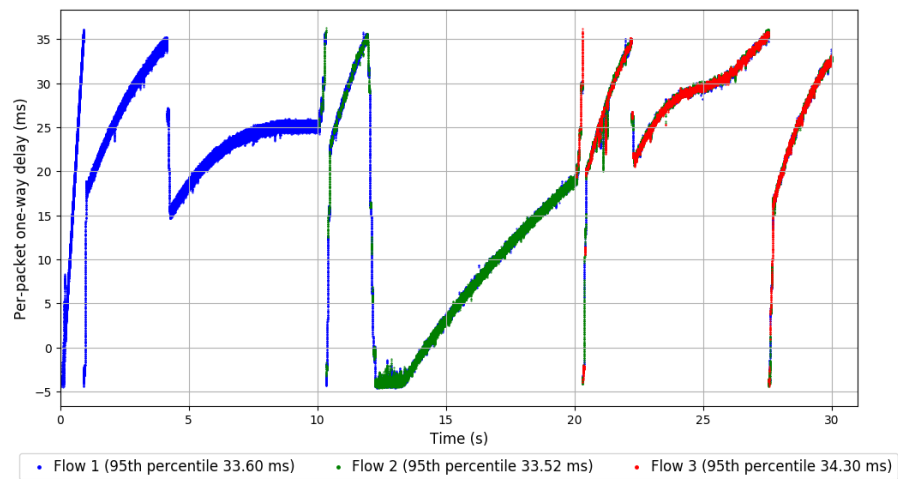
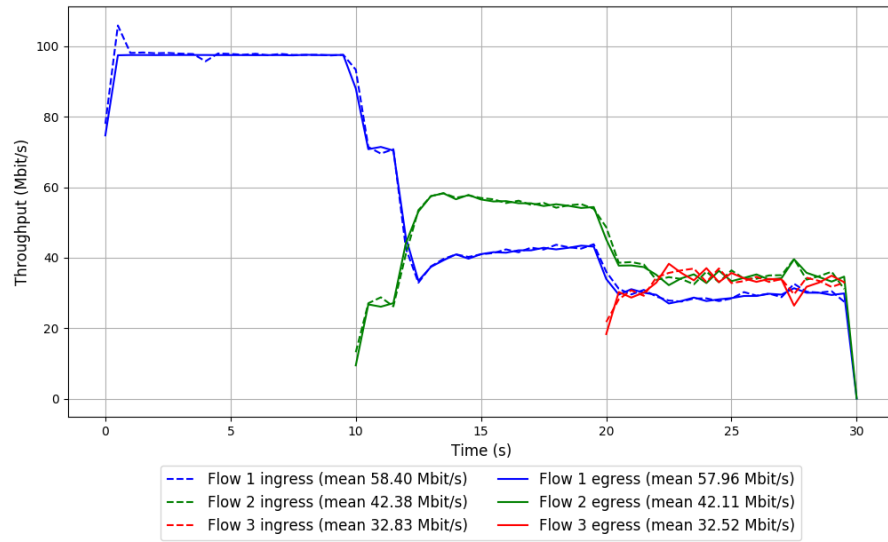


Run 1: Statistics of TCP Cubic

Start at: 2018-01-26 14:05:27
End at: 2018-01-26 14:05:57
Local clock offset: 0.258 ms
Remote clock offset: -14.28 ms

Below is generated by plot.py at 2018-01-26 17:32:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.79 Mbit/s
95th percentile per-packet one-way delay: 33.665 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 57.96 Mbit/s
95th percentile per-packet one-way delay: 33.604 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 42.11 Mbit/s
95th percentile per-packet one-way delay: 33.520 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 32.52 Mbit/s
95th percentile per-packet one-way delay: 34.304 ms
Loss rate: 0.82%

Run 1: Report of TCP Cubic — Data Link

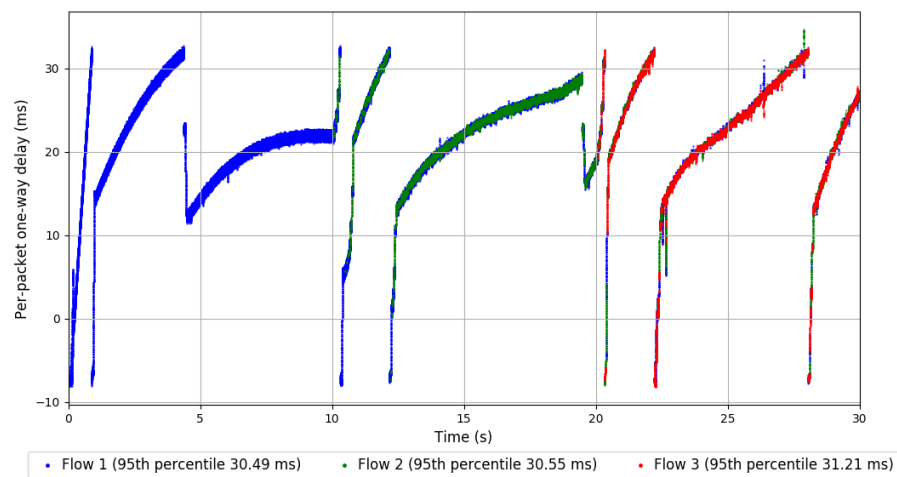
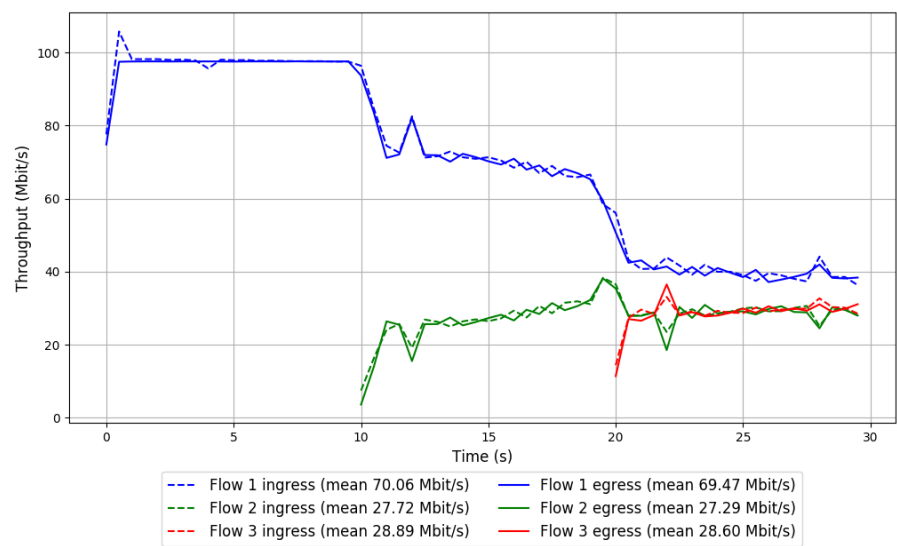


Run 2: Statistics of TCP Cubic

Start at: 2018-01-26 14:26:02
End at: 2018-01-26 14:26:32
Local clock offset: 3.576 ms
Remote clock offset: -14.327 ms

Below is generated by plot.py at 2018-01-26 17:32:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 30.575 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 69.47 Mbit/s
95th percentile per-packet one-way delay: 30.486 ms
Loss rate: 0.74%
-- Flow 2:
Average throughput: 27.29 Mbit/s
95th percentile per-packet one-way delay: 30.548 ms
Loss rate: 1.52%
-- Flow 3:
Average throughput: 28.60 Mbit/s
95th percentile per-packet one-way delay: 31.213 ms
Loss rate: 0.94%

Run 2: Report of TCP Cubic — Data Link

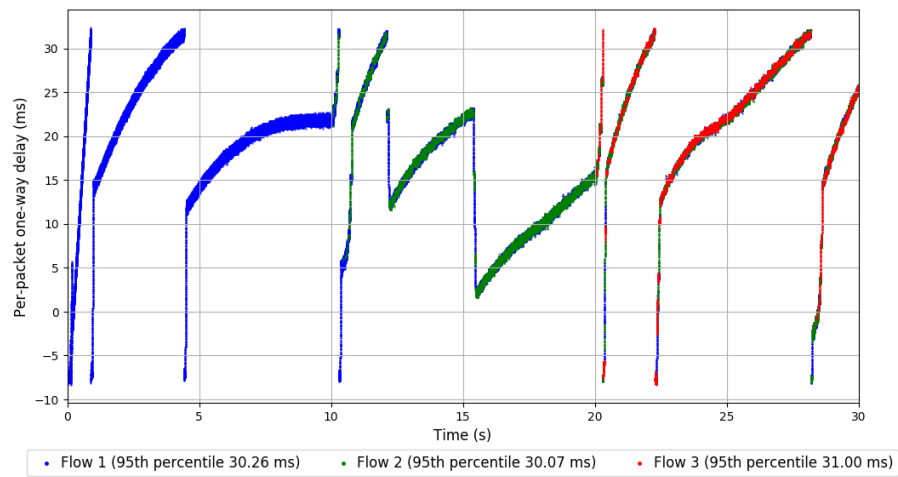
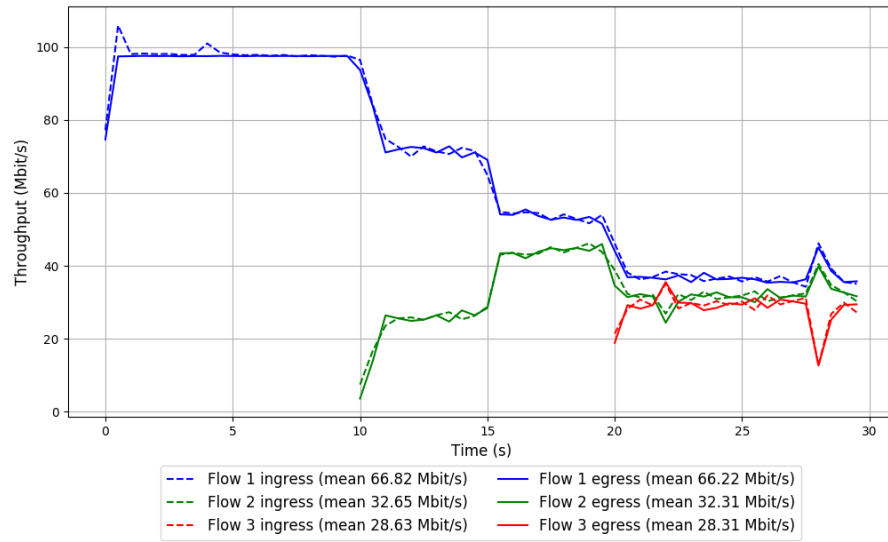


Run 3: Statistics of TCP Cubic

Start at: 2018-01-26 14:45:34
End at: 2018-01-26 14:46:04
Local clock offset: 2.838 ms
Remote clock offset: -14.339 ms

Below is generated by plot.py at 2018-01-26 17:32:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 30.322 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 66.22 Mbit/s
95th percentile per-packet one-way delay: 30.261 ms
Loss rate: 0.79%
-- Flow 2:
Average throughput: 32.31 Mbit/s
95th percentile per-packet one-way delay: 30.068 ms
Loss rate: 1.05%
-- Flow 3:
Average throughput: 28.31 Mbit/s
95th percentile per-packet one-way delay: 31.002 ms
Loss rate: 1.03%

Run 3: Report of TCP Cubic — Data Link

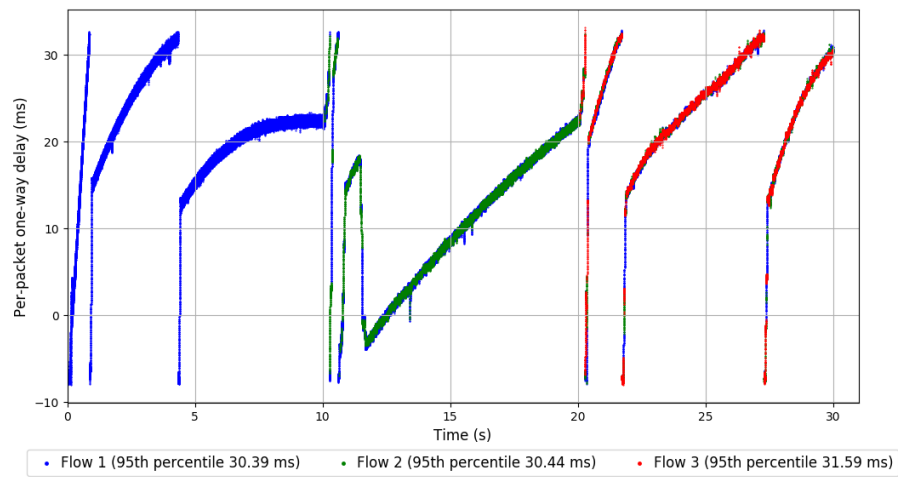
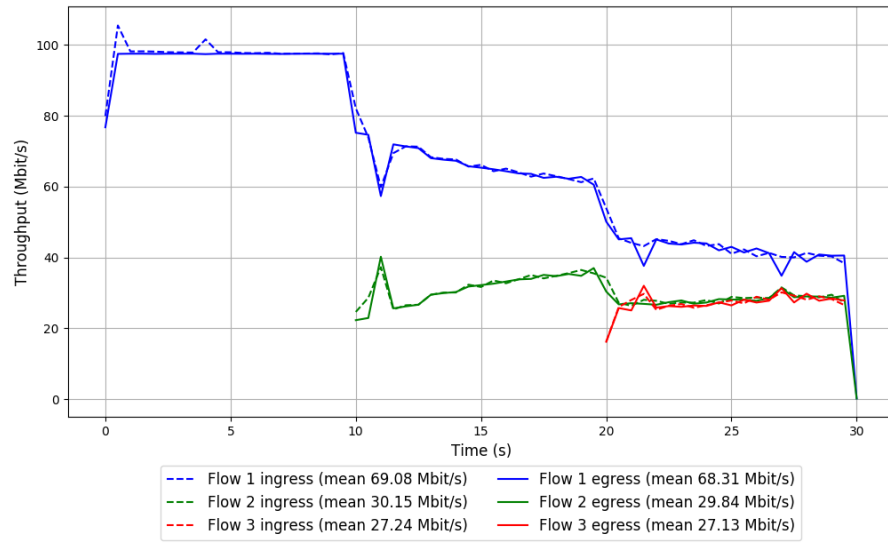


Run 4: Statistics of TCP Cubic

Start at: 2018-01-26 15:05:48
End at: 2018-01-26 15:06:18
Local clock offset: 2.557 ms
Remote clock offset: -16.037 ms

Below is generated by plot.py at 2018-01-26 17:32:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.14 Mbit/s
95th percentile per-packet one-way delay: 30.550 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 68.31 Mbit/s
95th percentile per-packet one-way delay: 30.392 ms
Loss rate: 0.99%
-- Flow 2:
Average throughput: 29.84 Mbit/s
95th percentile per-packet one-way delay: 30.443 ms
Loss rate: 1.02%
-- Flow 3:
Average throughput: 27.13 Mbit/s
95th percentile per-packet one-way delay: 31.593 ms
Loss rate: 0.32%

Run 4: Report of TCP Cubic — Data Link

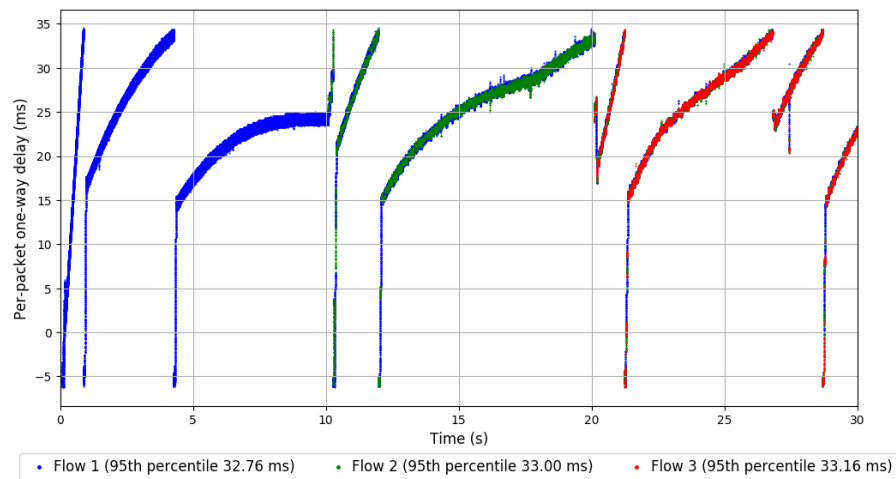
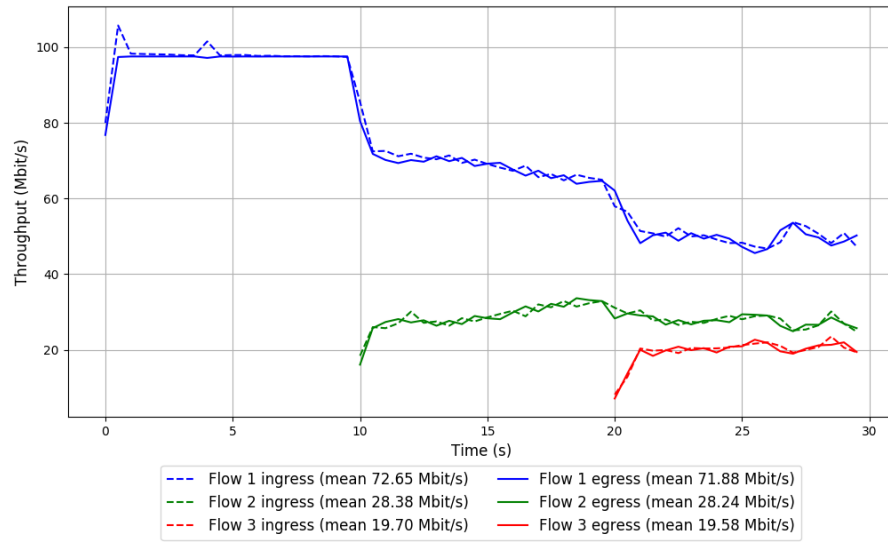


Run 5: Statistics of TCP Cubic

Start at: 2018-01-26 15:25:04
End at: 2018-01-26 15:25:34
Local clock offset: 1.747 ms
Remote clock offset: -15.556 ms

Below is generated by plot.py at 2018-01-26 17:32:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.15 Mbit/s
95th percentile per-packet one-way delay: 32.850 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 71.88 Mbit/s
95th percentile per-packet one-way delay: 32.761 ms
Loss rate: 0.96%
-- Flow 2:
Average throughput: 28.24 Mbit/s
95th percentile per-packet one-way delay: 32.998 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 19.58 Mbit/s
95th percentile per-packet one-way delay: 33.161 ms
Loss rate: 0.70%

Run 5: Report of TCP Cubic — Data Link

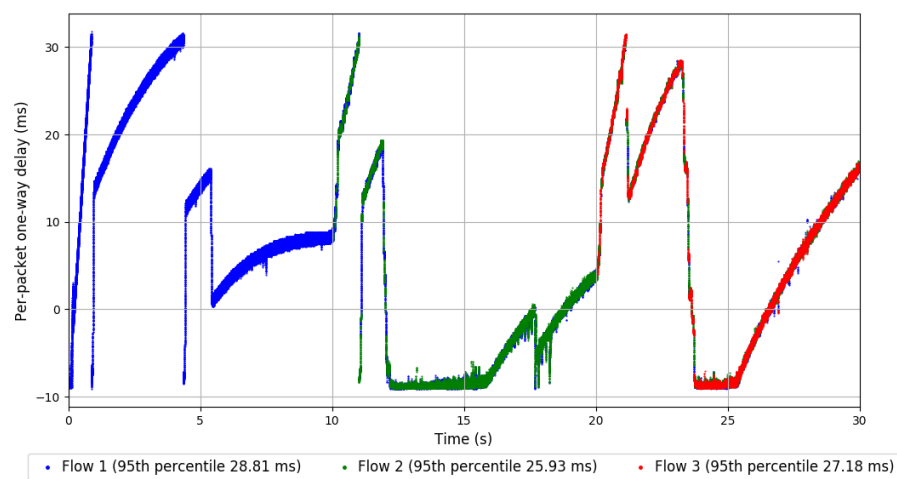
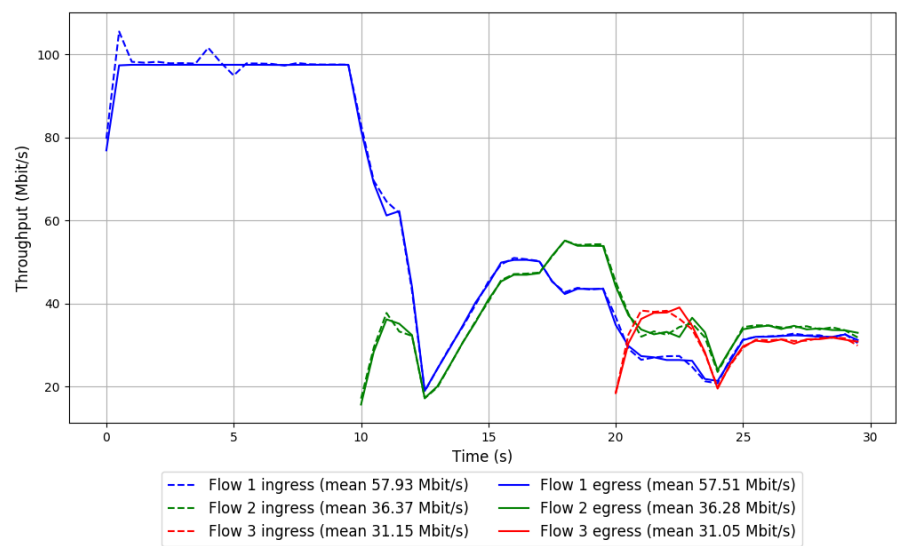


Run 6: Statistics of TCP Cubic

Start at: 2018-01-26 15:44:03
End at: 2018-01-26 15:44:33
Local clock offset: 4.513 ms
Remote clock offset: -17.391 ms

Below is generated by plot.py at 2018-01-26 17:32:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.98 Mbit/s
95th percentile per-packet one-way delay: 27.949 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 57.51 Mbit/s
95th percentile per-packet one-way delay: 28.806 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 36.28 Mbit/s
95th percentile per-packet one-way delay: 25.925 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 31.05 Mbit/s
95th percentile per-packet one-way delay: 27.179 ms
Loss rate: 0.21%

Run 6: Report of TCP Cubic — Data Link

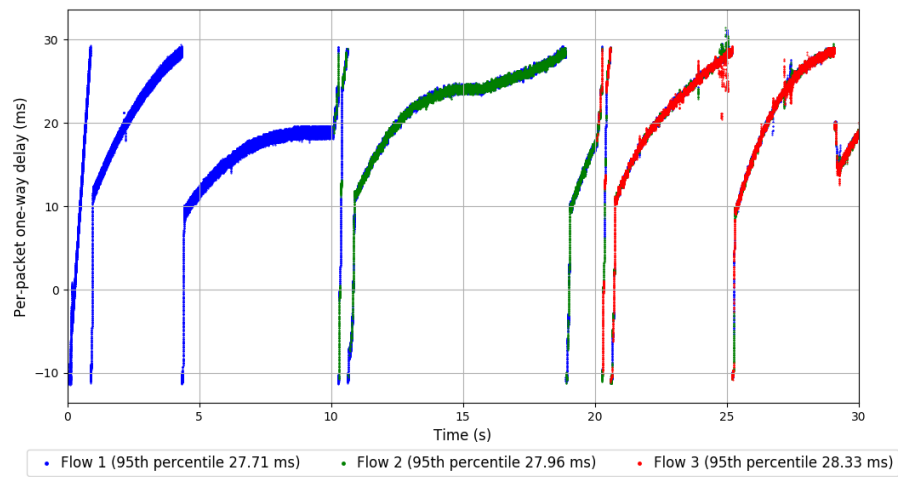
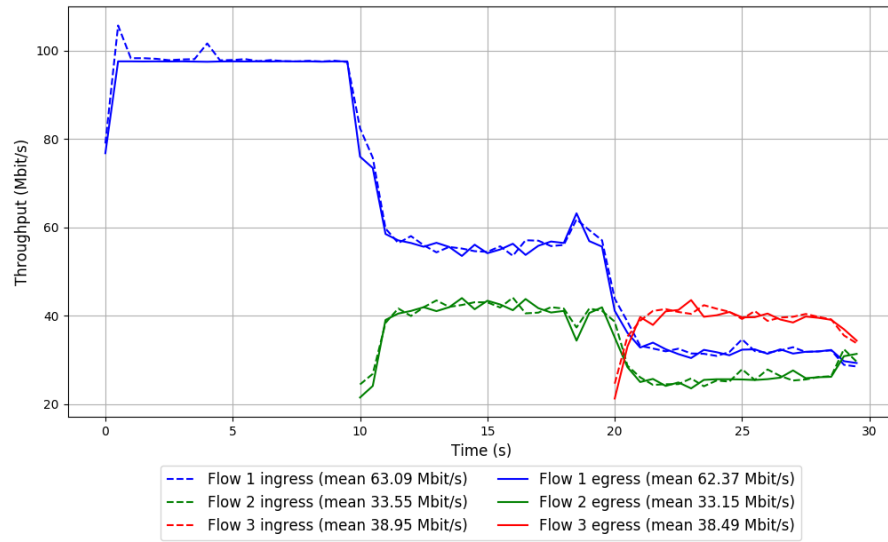


Run 7: Statistics of TCP Cubic

Start at: 2018-01-26 16:03:07
End at: 2018-01-26 16:03:37
Local clock offset: 3.924 ms
Remote clock offset: -20.945 ms

Below is generated by plot.py at 2018-01-26 17:32:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.17 Mbit/s
95th percentile per-packet one-way delay: 27.941 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 62.37 Mbit/s
95th percentile per-packet one-way delay: 27.713 ms
Loss rate: 1.04%
-- Flow 2:
Average throughput: 33.15 Mbit/s
95th percentile per-packet one-way delay: 27.956 ms
Loss rate: 1.19%
-- Flow 3:
Average throughput: 38.49 Mbit/s
95th percentile per-packet one-way delay: 28.329 ms
Loss rate: 1.17%

Run 7: Report of TCP Cubic — Data Link

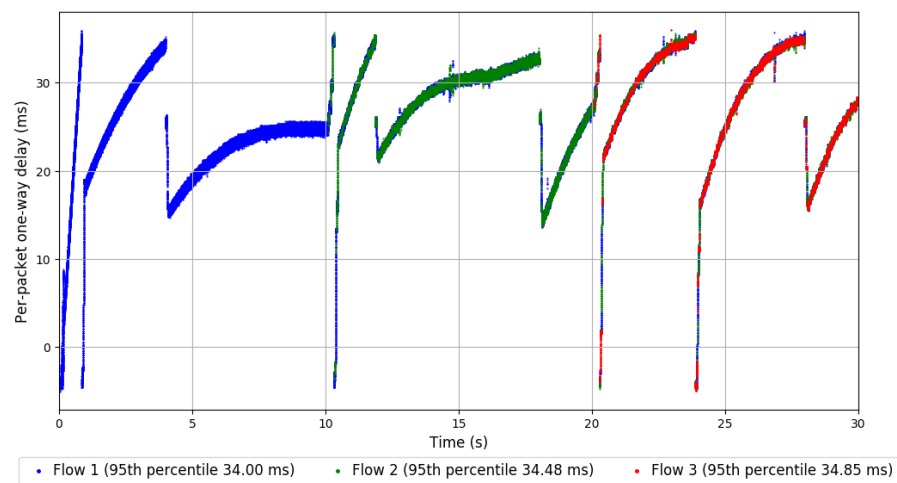
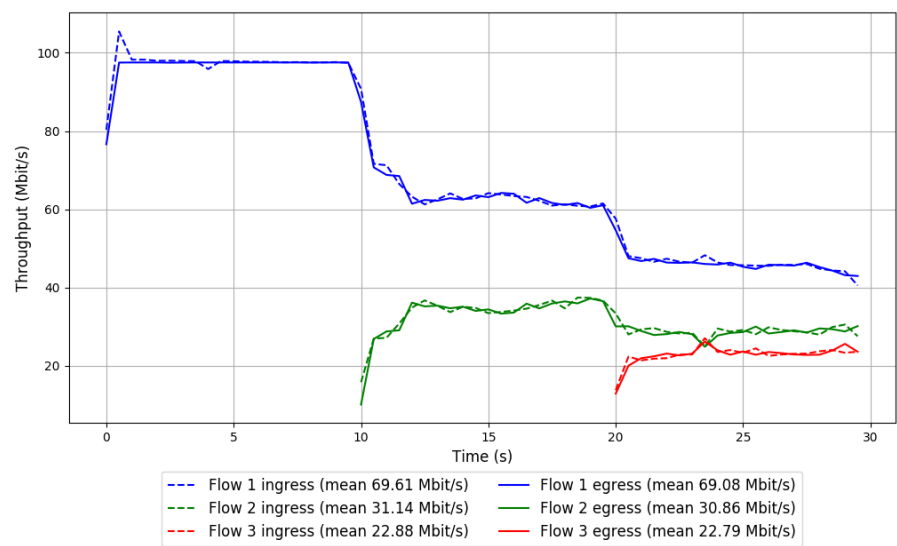


Run 8: Statistics of TCP Cubic

Start at: 2018-01-26 16:22:51
End at: 2018-01-26 16:23:21
Local clock offset: 0.629 ms
Remote clock offset: -18.397 ms

Below is generated by plot.py at 2018-01-26 17:33:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.17 Mbit/s
95th percentile per-packet one-way delay: 34.364 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 69.08 Mbit/s
95th percentile per-packet one-way delay: 33.996 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 30.86 Mbit/s
95th percentile per-packet one-way delay: 34.484 ms
Loss rate: 0.89%
-- Flow 3:
Average throughput: 22.79 Mbit/s
95th percentile per-packet one-way delay: 34.847 ms
Loss rate: 0.37%

Run 8: Report of TCP Cubic — Data Link

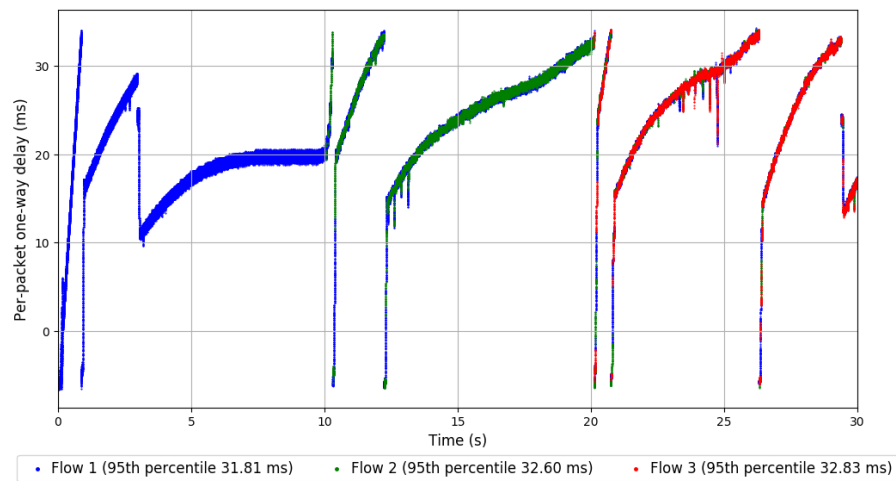
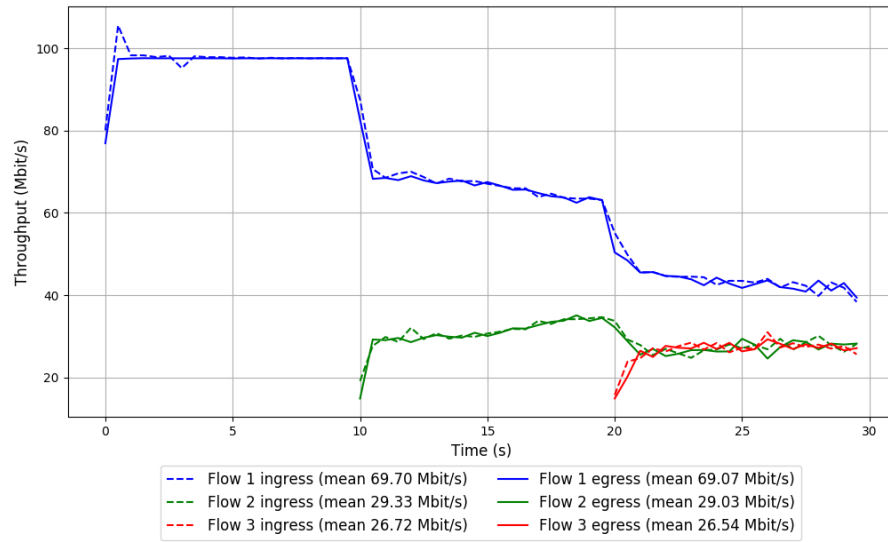


Run 9: Statistics of TCP Cubic

Start at: 2018-01-26 16:42:14
End at: 2018-01-26 16:42:44
Local clock offset: 2.295 ms
Remote clock offset: -18.454 ms

Below is generated by plot.py at 2018-01-26 17:34:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.18 Mbit/s
95th percentile per-packet one-way delay: 32.119 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 69.07 Mbit/s
95th percentile per-packet one-way delay: 31.812 ms
Loss rate: 0.83%
-- Flow 2:
Average throughput: 29.03 Mbit/s
95th percentile per-packet one-way delay: 32.605 ms
Loss rate: 1.03%
-- Flow 3:
Average throughput: 26.54 Mbit/s
95th percentile per-packet one-way delay: 32.827 ms
Loss rate: 0.82%

Run 9: Report of TCP Cubic — Data Link

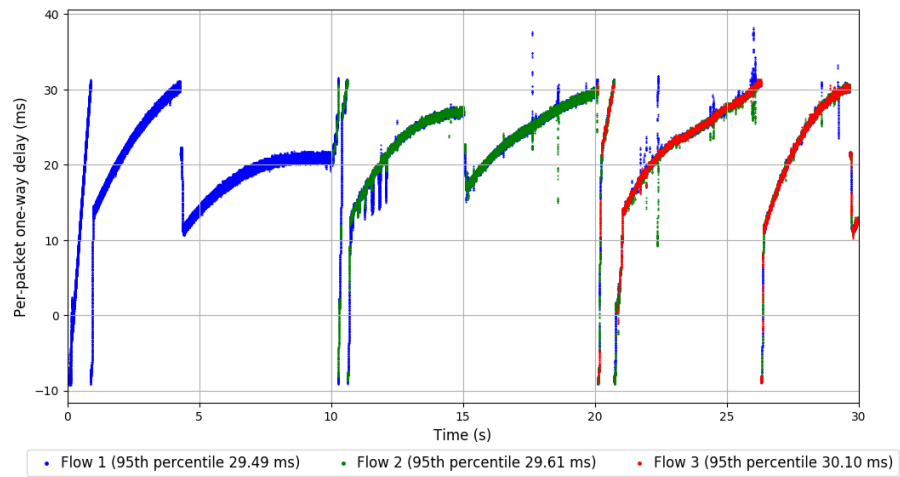
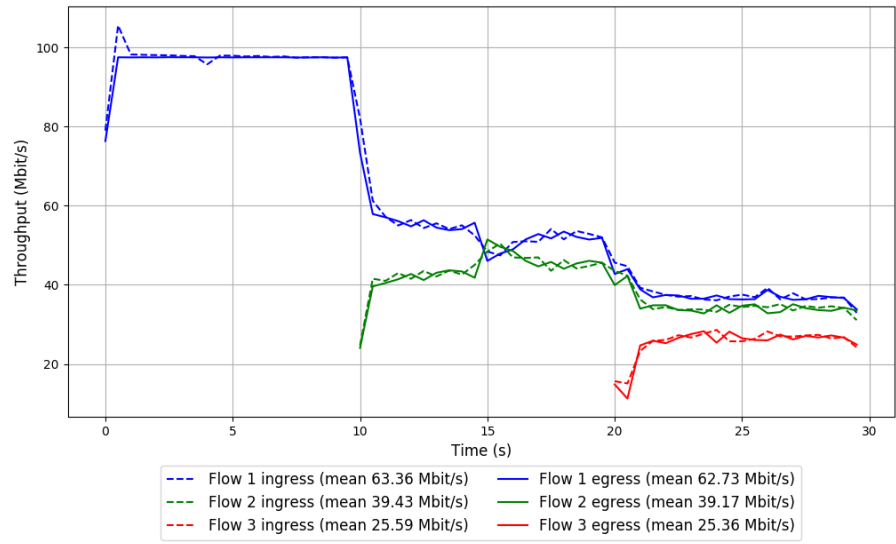


Run 10: Statistics of TCP Cubic

Start at: 2018-01-26 17:01:28
End at: 2018-01-26 17:01:58
Local clock offset: 3.322 ms
Remote clock offset: -21.241 ms

Below is generated by plot.py at 2018-01-26 17:34:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.17 Mbit/s
95th percentile per-packet one-way delay: 29.604 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 62.73 Mbit/s
95th percentile per-packet one-way delay: 29.494 ms
Loss rate: 0.93%
-- Flow 2:
Average throughput: 39.17 Mbit/s
95th percentile per-packet one-way delay: 29.608 ms
Loss rate: 0.70%
-- Flow 3:
Average throughput: 25.36 Mbit/s
95th percentile per-packet one-way delay: 30.098 ms
Loss rate: 1.08%

Run 10: Report of TCP Cubic — Data Link

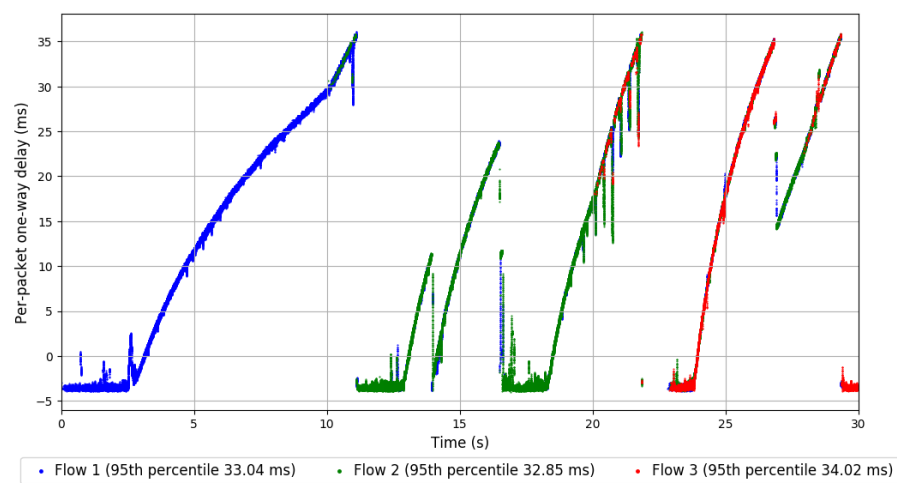
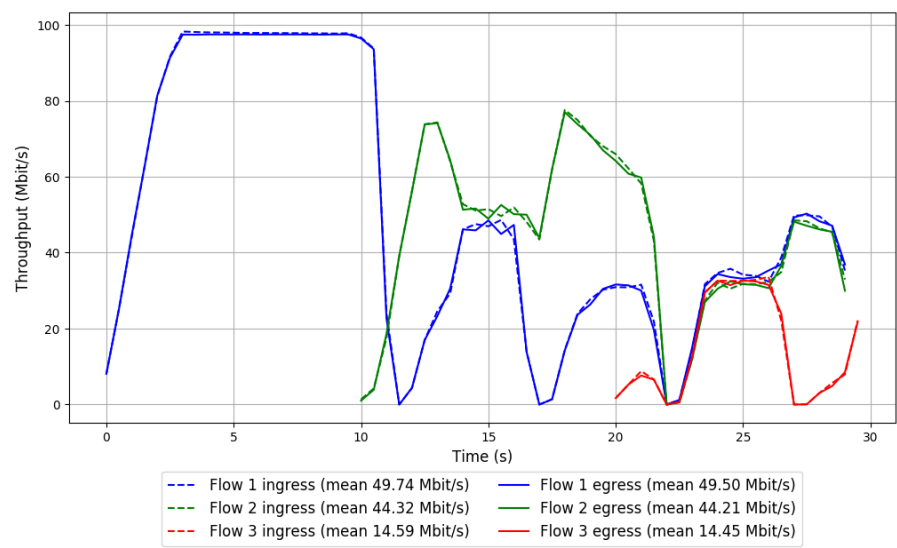


```
Run 1: Statistics of LEDBAT

Start at: 2018-01-26 13:56:47
End at: 2018-01-26 13:57:17
Local clock offset: 0.378 ms
Remote clock offset: -13.607 ms

# Below is generated by plot.py at 2018-01-26 17:34:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 81.82 Mbit/s
95th percentile per-packet one-way delay: 33.084 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 49.50 Mbit/s
95th percentile per-packet one-way delay: 33.043 ms
Loss rate: 0.48%
-- Flow 2:
Average throughput: 44.21 Mbit/s
95th percentile per-packet one-way delay: 32.850 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 14.45 Mbit/s
95th percentile per-packet one-way delay: 34.024 ms
Loss rate: 1.22%
```

Run 1: Report of LEDBAT — Data Link

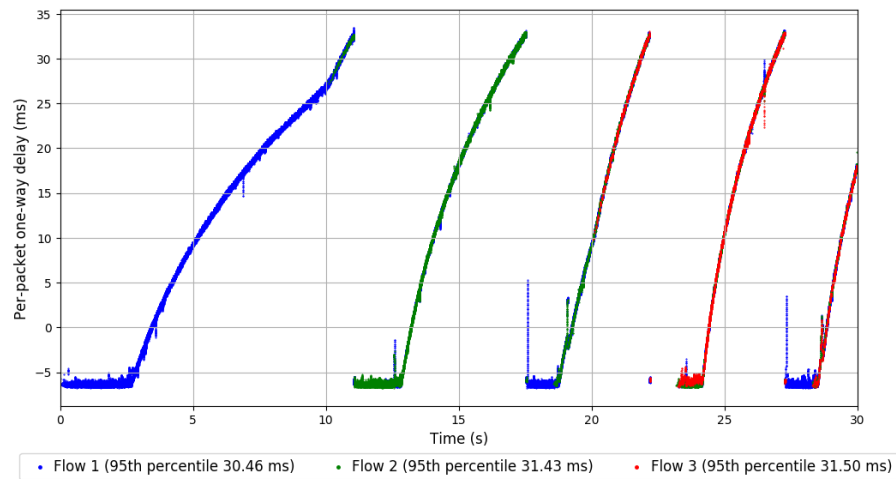
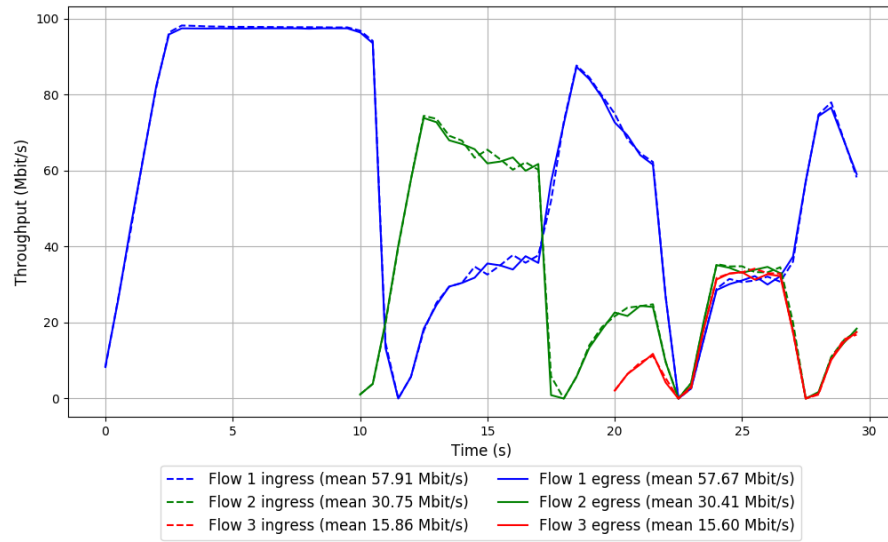


Run 2: Statistics of LEDBAT

Start at: 2018-01-26 14:17:29
End at: 2018-01-26 14:17:59
Local clock offset: 3.722 ms
Remote clock offset: -12.785 ms

Below is generated by plot.py at 2018-01-26 17:34:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.05 Mbit/s
95th percentile per-packet one-way delay: 30.798 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 57.67 Mbit/s
95th percentile per-packet one-way delay: 30.465 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 30.41 Mbit/s
95th percentile per-packet one-way delay: 31.425 ms
Loss rate: 1.16%
-- Flow 3:
Average throughput: 15.60 Mbit/s
95th percentile per-packet one-way delay: 31.498 ms
Loss rate: 1.53%

Run 2: Report of LEDBAT — Data Link

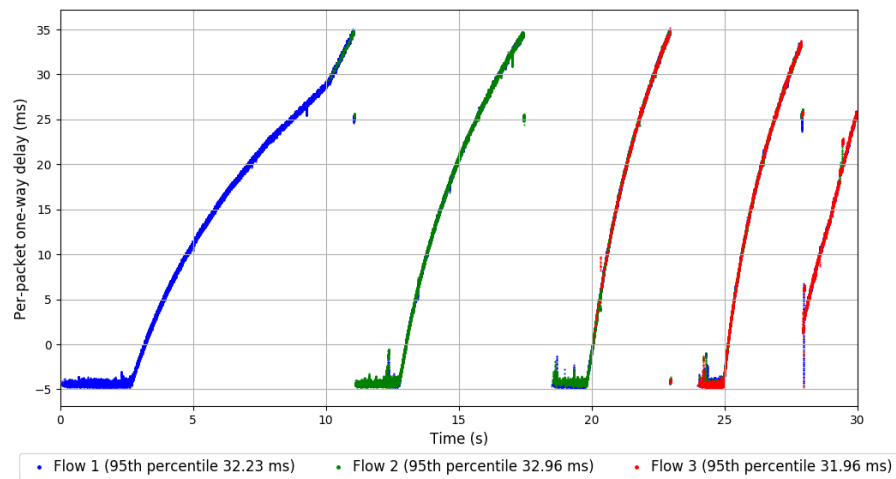
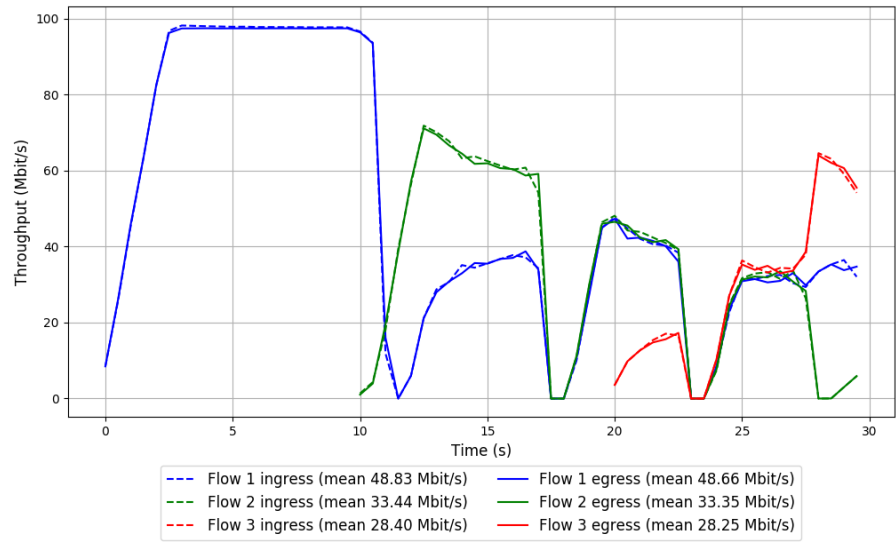


Run 3: Statistics of LEDBAT

Start at: 2018-01-26 14:37:12
End at: 2018-01-26 14:37:42
Local clock offset: 0.517 ms
Remote clock offset: -13.658 ms

Below is generated by plot.py at 2018-01-26 17:34:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.19 Mbit/s
95th percentile per-packet one-way delay: 32.474 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 48.66 Mbit/s
95th percentile per-packet one-way delay: 32.234 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 33.35 Mbit/s
95th percentile per-packet one-way delay: 32.964 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 28.25 Mbit/s
95th percentile per-packet one-way delay: 31.962 ms
Loss rate: 0.25%

Run 3: Report of LEDBAT — Data Link

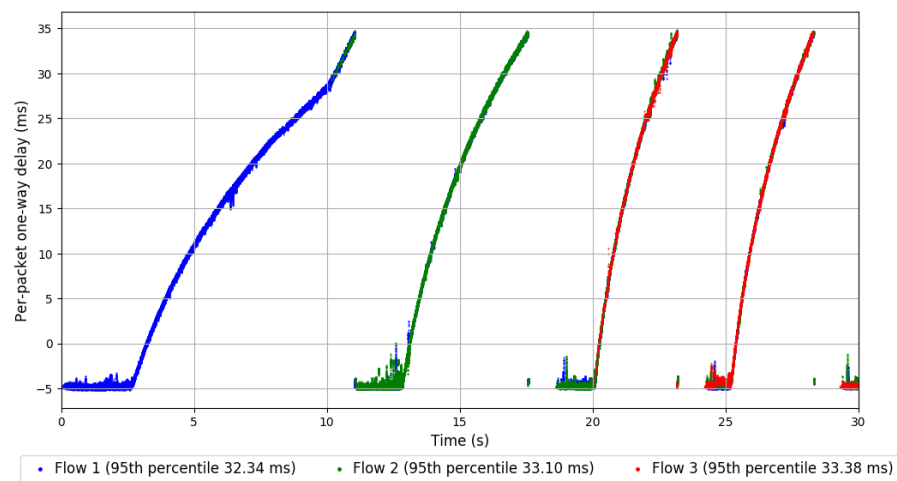
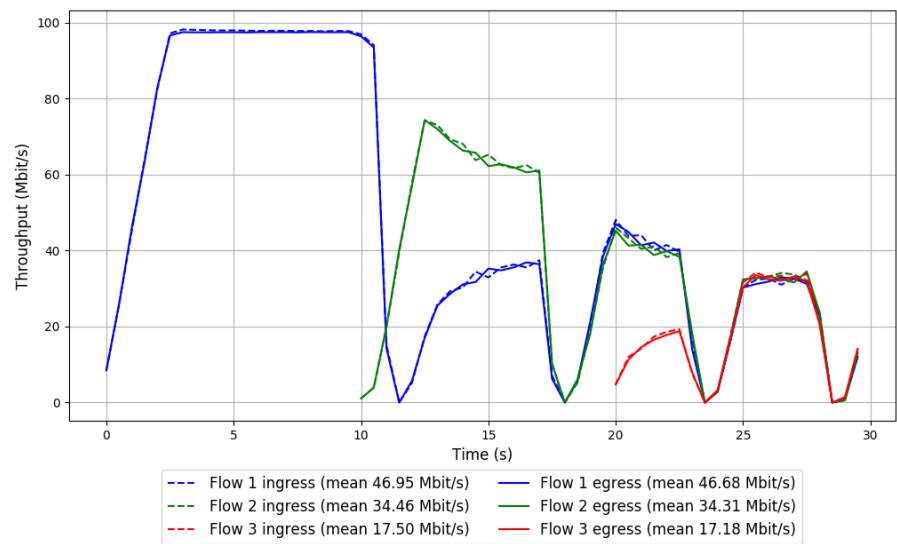


Run 4: Statistics of LEDBAT

Start at: 2018-01-26 14:57:24
End at: 2018-01-26 14:57:54
Local clock offset: 1.722 ms
Remote clock offset: -13.319 ms

Below is generated by plot.py at 2018-01-26 17:34:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.16 Mbit/s
95th percentile per-packet one-way delay: 32.749 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 46.68 Mbit/s
95th percentile per-packet one-way delay: 32.343 ms
Loss rate: 0.57%
-- Flow 2:
Average throughput: 34.31 Mbit/s
95th percentile per-packet one-way delay: 33.103 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 17.18 Mbit/s
95th percentile per-packet one-way delay: 33.381 ms
Loss rate: 1.85%

Run 4: Report of LEDBAT — Data Link

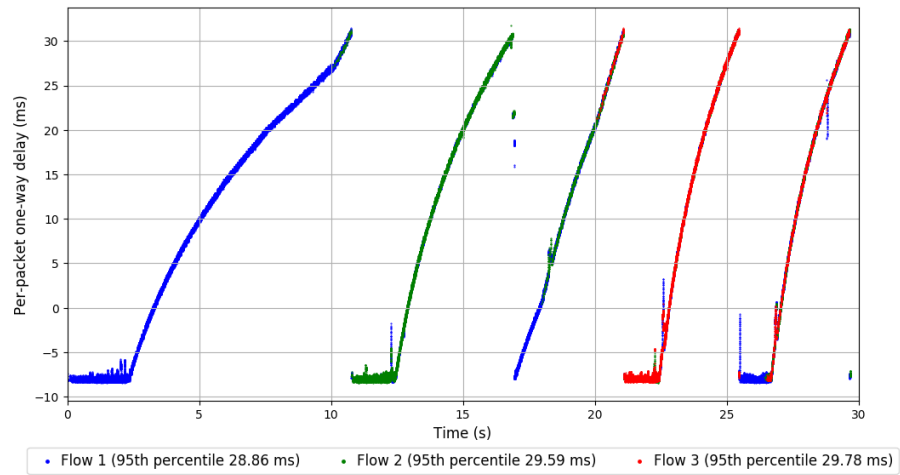
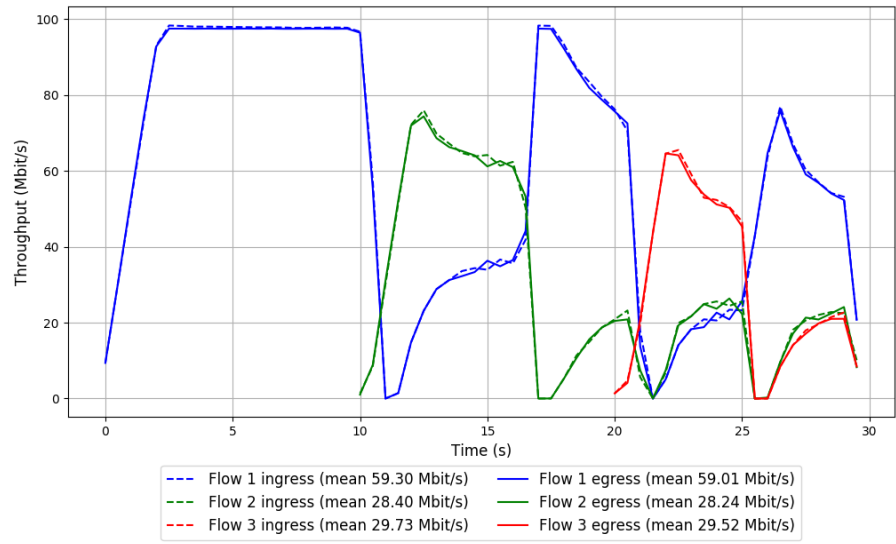


Run 5: Statistics of LEDBAT

Start at: 2018-01-26 15:16:51
End at: 2018-01-26 15:17:21
Local clock offset: 2.229 ms
Remote clock offset: -17.06 ms

Below is generated by plot.py at 2018-01-26 17:34:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.24 Mbit/s
95th percentile per-packet one-way delay: 29.281 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 59.01 Mbit/s
95th percentile per-packet one-way delay: 28.858 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 28.24 Mbit/s
95th percentile per-packet one-way delay: 29.588 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 29.52 Mbit/s
95th percentile per-packet one-way delay: 29.784 ms
Loss rate: 1.23%

Run 5: Report of LEDBAT — Data Link

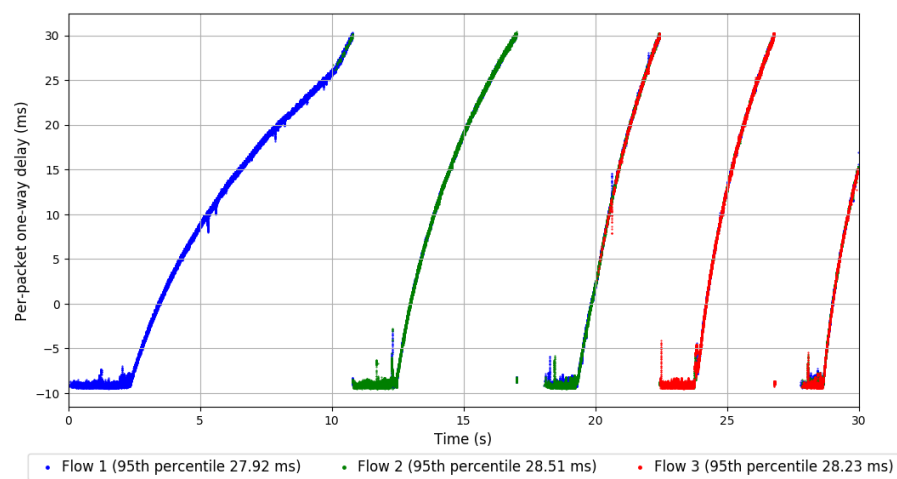
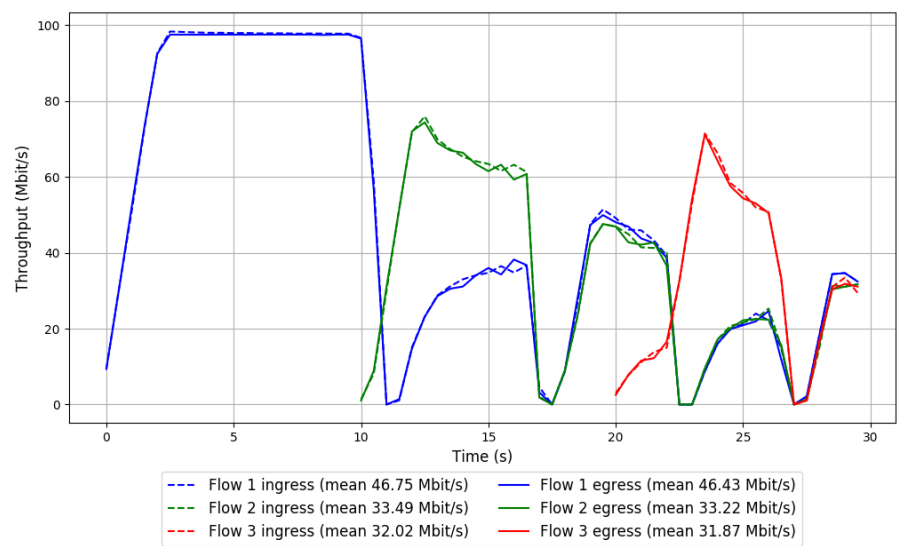


Run 6: Statistics of LEDBAT

Start at: 2018-01-26 15:35:52
End at: 2018-01-26 15:36:23
Local clock offset: 2.998 ms
Remote clock offset: -18.432 ms

Below is generated by plot.py at 2018-01-26 17:34:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.07 Mbit/s
95th percentile per-packet one-way delay: 28.215 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 46.43 Mbit/s
95th percentile per-packet one-way delay: 27.921 ms
Loss rate: 0.59%
-- Flow 2:
Average throughput: 33.22 Mbit/s
95th percentile per-packet one-way delay: 28.508 ms
Loss rate: 0.89%
-- Flow 3:
Average throughput: 31.87 Mbit/s
95th percentile per-packet one-way delay: 28.230 ms
Loss rate: 0.35%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

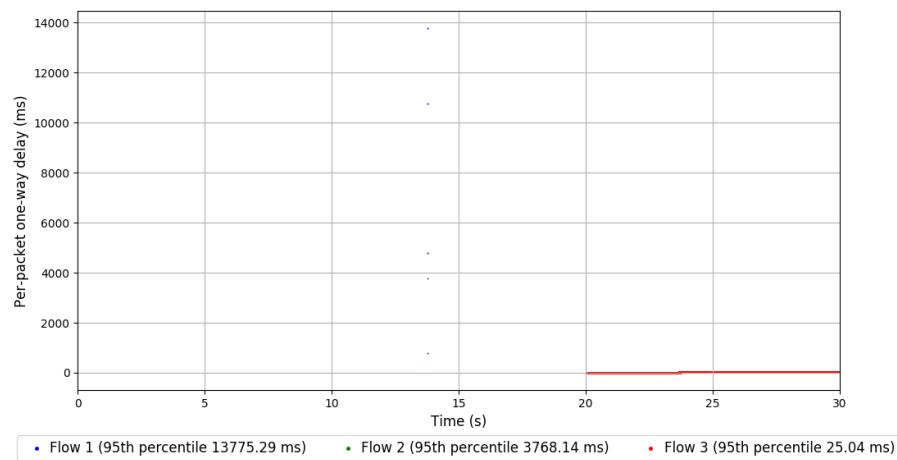
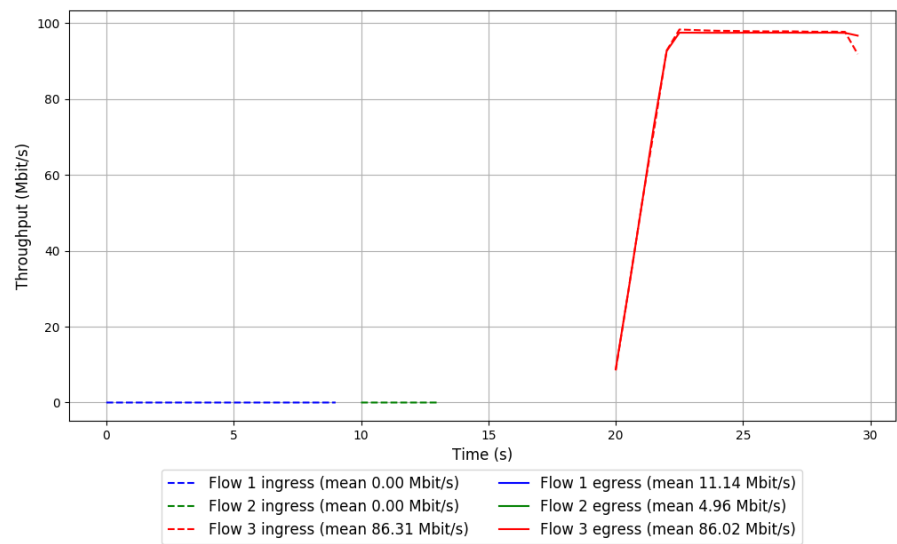
Start at: 2018-01-26 15:55:00

End at: 2018-01-26 15:55:30

Local clock offset: 3.922 ms

Remote clock offset: -18.142 ms

Run 7: Report of LEDBAT — Data Link

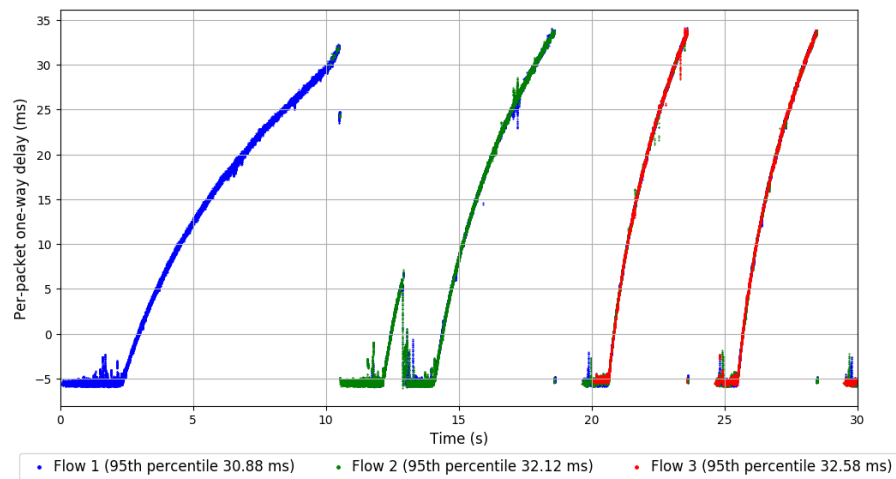
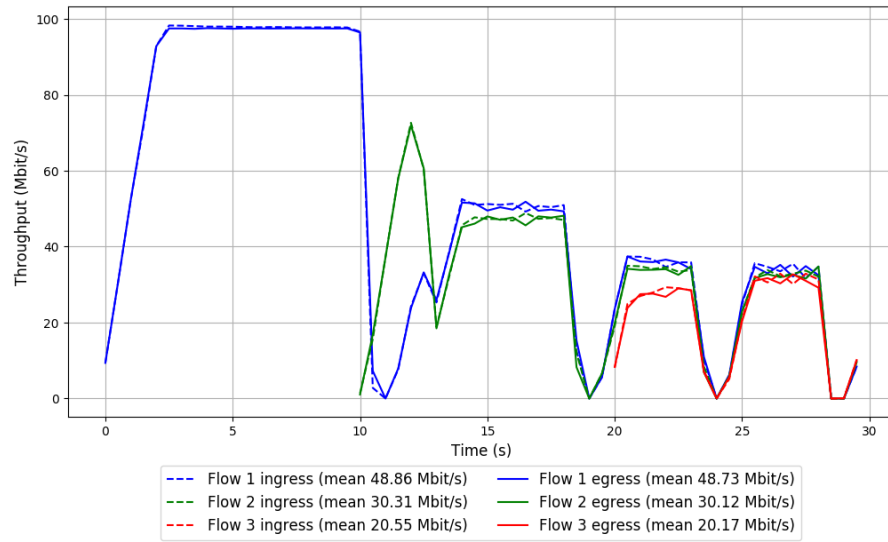


Run 8: Statistics of LEDBAT

Start at: 2018-01-26 16:14:29
End at: 2018-01-26 16:14:59
Local clock offset: 1.975 ms
Remote clock offset: -17.844 ms

Below is generated by plot.py at 2018-01-26 17:34:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.44 Mbit/s
95th percentile per-packet one-way delay: 31.406 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 48.73 Mbit/s
95th percentile per-packet one-way delay: 30.878 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 30.12 Mbit/s
95th percentile per-packet one-way delay: 32.117 ms
Loss rate: 0.81%
-- Flow 3:
Average throughput: 20.17 Mbit/s
95th percentile per-packet one-way delay: 32.581 ms
Loss rate: 1.84%

Run 8: Report of LEDBAT — Data Link

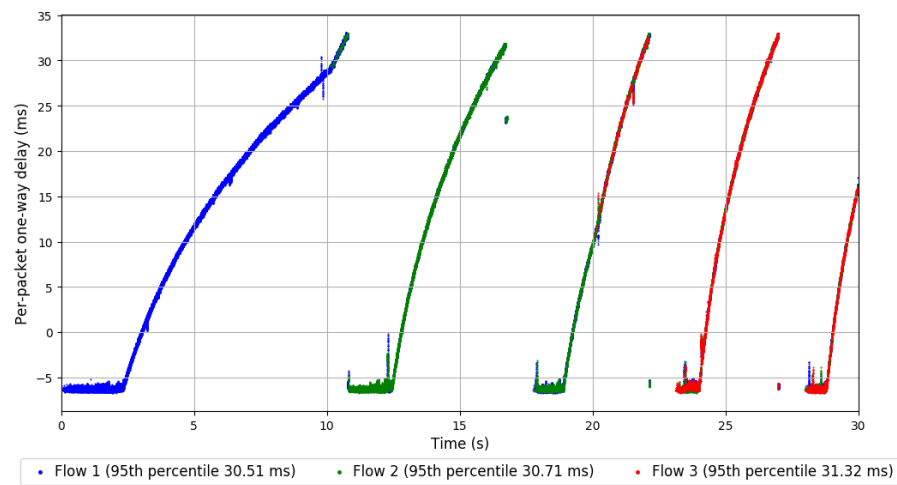
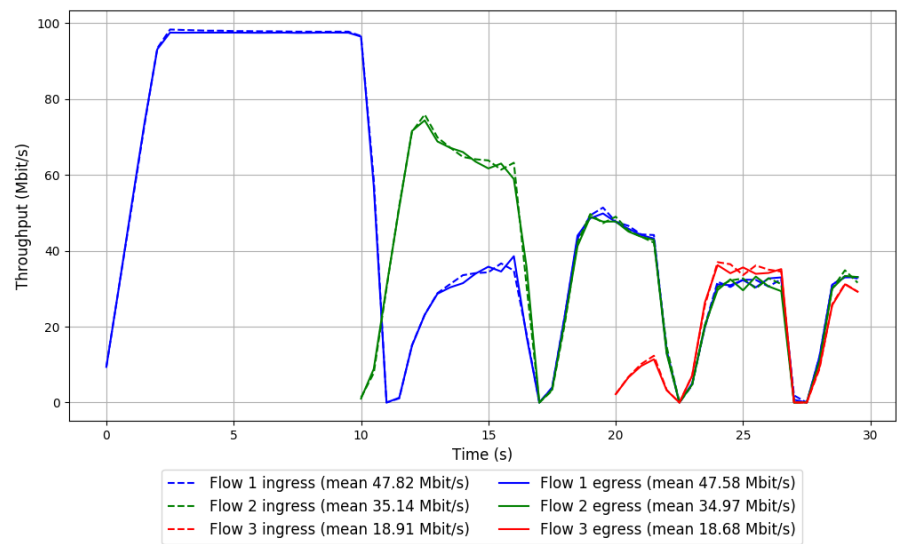


Run 9: Statistics of LEDBAT

Start at: 2018-01-26 16:34:00
End at: 2018-01-26 16:34:30
Local clock offset: 1.845 ms
Remote clock offset: -19.19 ms

Below is generated by plot.py at 2018-01-26 17:35:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.01 Mbit/s
95th percentile per-packet one-way delay: 30.582 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 47.58 Mbit/s
95th percentile per-packet one-way delay: 30.507 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 34.97 Mbit/s
95th percentile per-packet one-way delay: 30.711 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 18.68 Mbit/s
95th percentile per-packet one-way delay: 31.317 ms
Loss rate: 1.19%

Run 9: Report of LEDBAT — Data Link

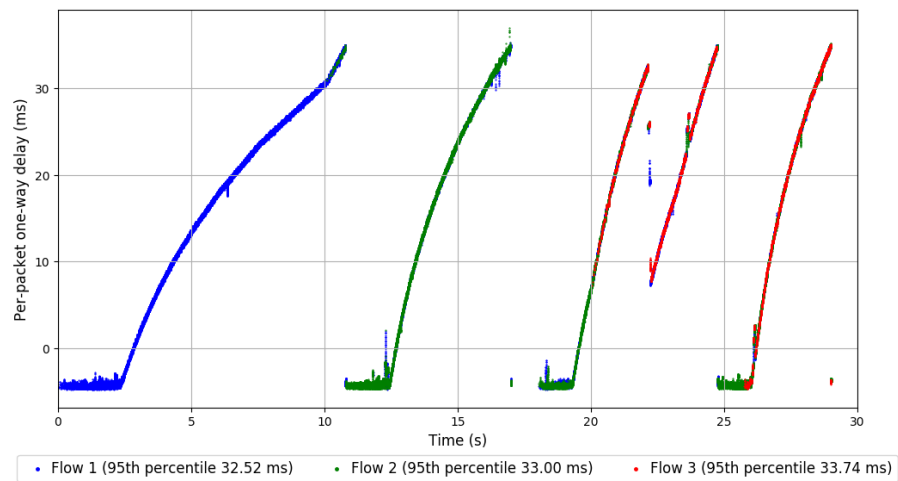
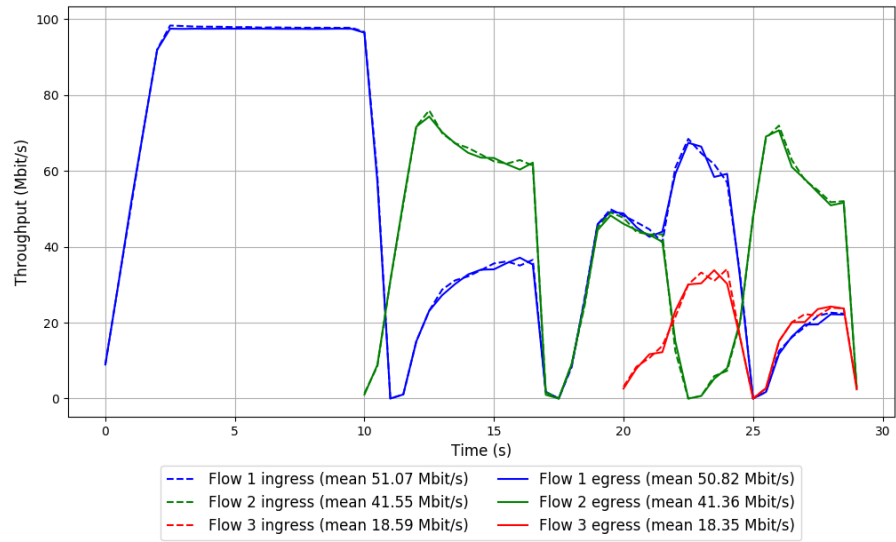


Run 10: Statistics of LEDBAT

Start at: 2018-01-26 16:53:13
End at: 2018-01-26 16:53:43
Local clock offset: 1.266 ms
Remote clock offset: -18.118 ms

Below is generated by plot.py at 2018-01-26 17:35:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.44 Mbit/s
95th percentile per-packet one-way delay: 32.773 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 50.82 Mbit/s
95th percentile per-packet one-way delay: 32.515 ms
Loss rate: 0.57%
-- Flow 2:
Average throughput: 41.36 Mbit/s
95th percentile per-packet one-way delay: 33.002 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 18.35 Mbit/s
95th percentile per-packet one-way delay: 33.745 ms
Loss rate: 1.43%

Run 10: Report of LEDBAT — Data Link

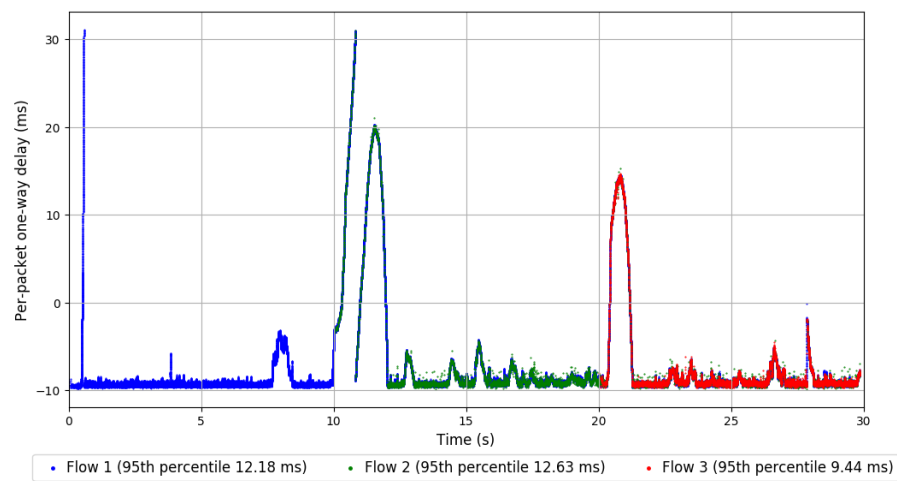
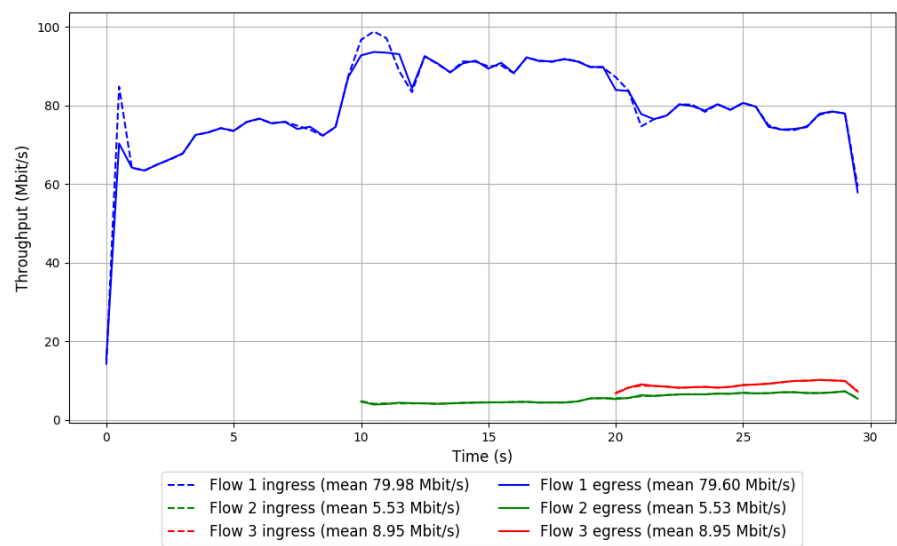


Run 1: Statistics of PCC

Start at: 2018-01-26 13:59:26
End at: 2018-01-26 13:59:56
Local clock offset: 3.641 ms
Remote clock offset: -16.113 ms

Below is generated by plot.py at 2018-01-26 17:35:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.23 Mbit/s
95th percentile per-packet one-way delay: 12.109 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 79.60 Mbit/s
95th percentile per-packet one-way delay: 12.179 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 5.53 Mbit/s
95th percentile per-packet one-way delay: 12.629 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 8.95 Mbit/s
95th percentile per-packet one-way delay: 9.442 ms
Loss rate: 0.00%

Run 1: Report of PCC — Data Link

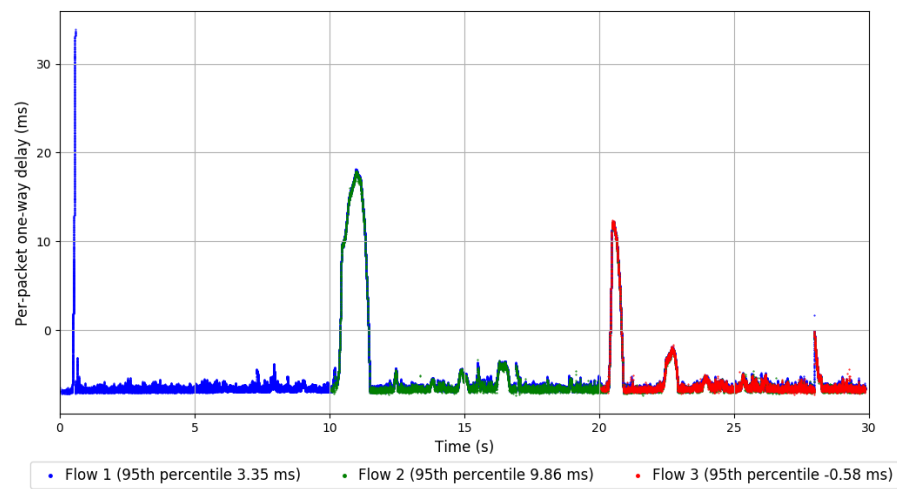
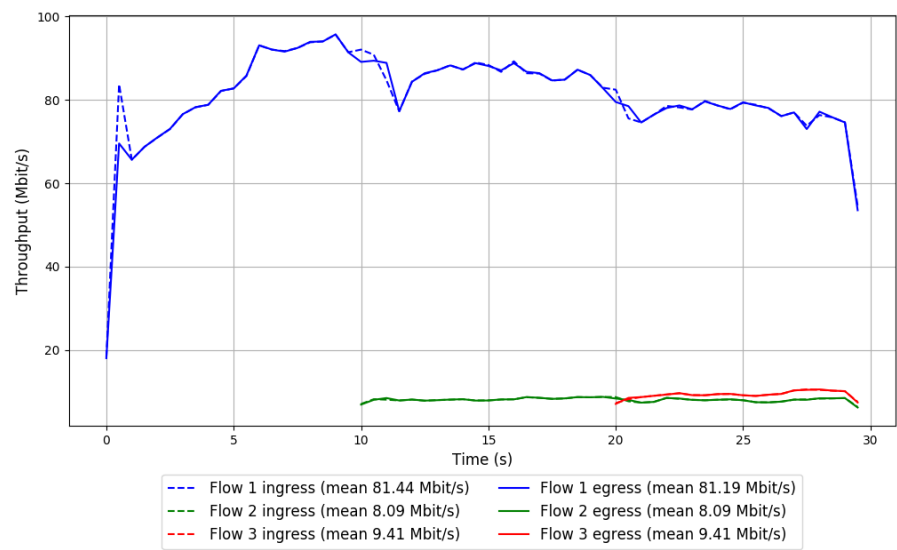


Run 2: Statistics of PCC

Start at: 2018-01-26 14:20:06
End at: 2018-01-26 14:20:36
Local clock offset: 2.013 ms
Remote clock offset: -14.777 ms

Below is generated by plot.py at 2018-01-26 17:35:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.67 Mbit/s
95th percentile per-packet one-way delay: 4.061 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 81.19 Mbit/s
95th percentile per-packet one-way delay: 3.346 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 8.09 Mbit/s
95th percentile per-packet one-way delay: 9.864 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 9.41 Mbit/s
95th percentile per-packet one-way delay: -0.583 ms
Loss rate: 0.00%

Run 2: Report of PCC — Data Link

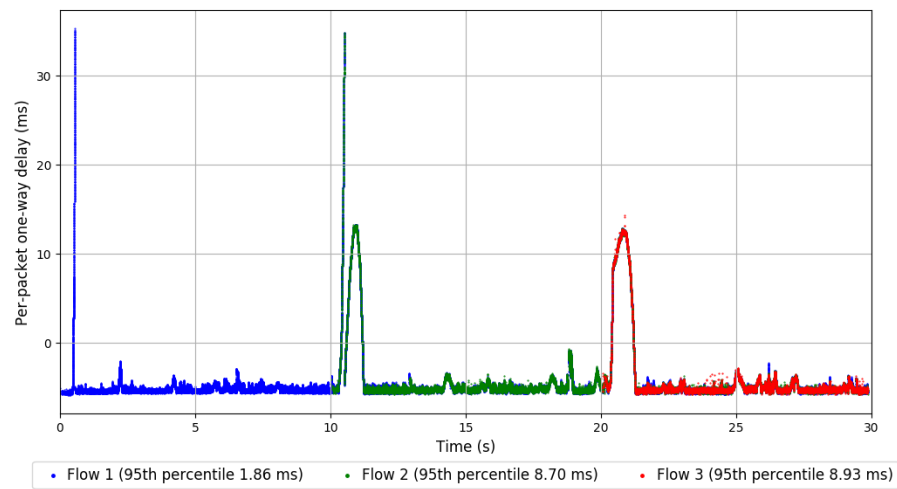
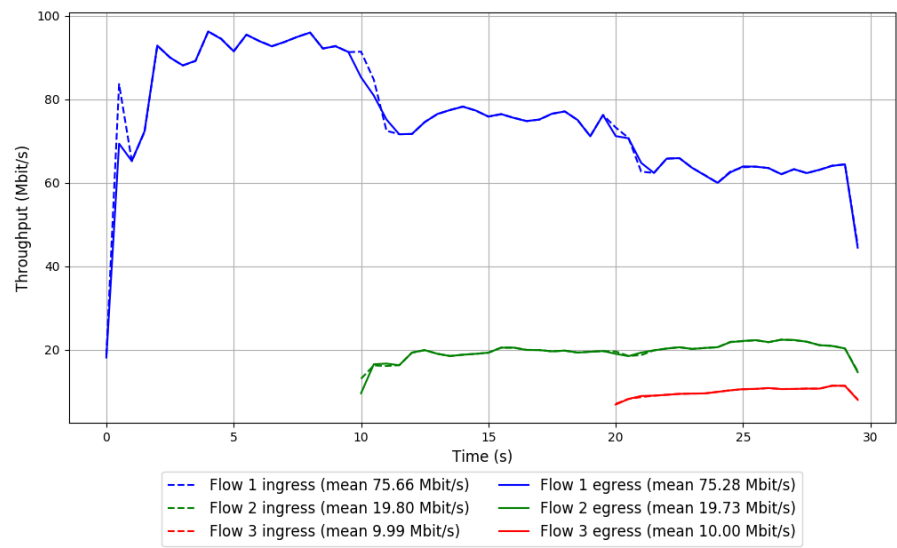


Run 3: Statistics of PCC

Start at: 2018-01-26 14:39:46
End at: 2018-01-26 14:40:16
Local clock offset: 2.043 ms
Remote clock offset: -12.817 ms

Below is generated by plot.py at 2018-01-26 17:35:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.70 Mbit/s
95th percentile per-packet one-way delay: 3.606 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 75.28 Mbit/s
95th percentile per-packet one-way delay: 1.860 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 19.73 Mbit/s
95th percentile per-packet one-way delay: 8.696 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 10.00 Mbit/s
95th percentile per-packet one-way delay: 8.930 ms
Loss rate: 0.00%

Run 3: Report of PCC — Data Link

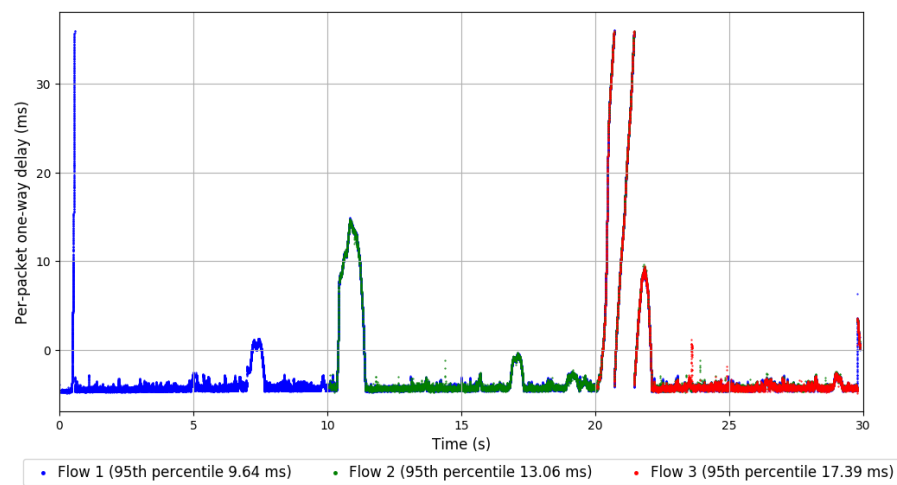
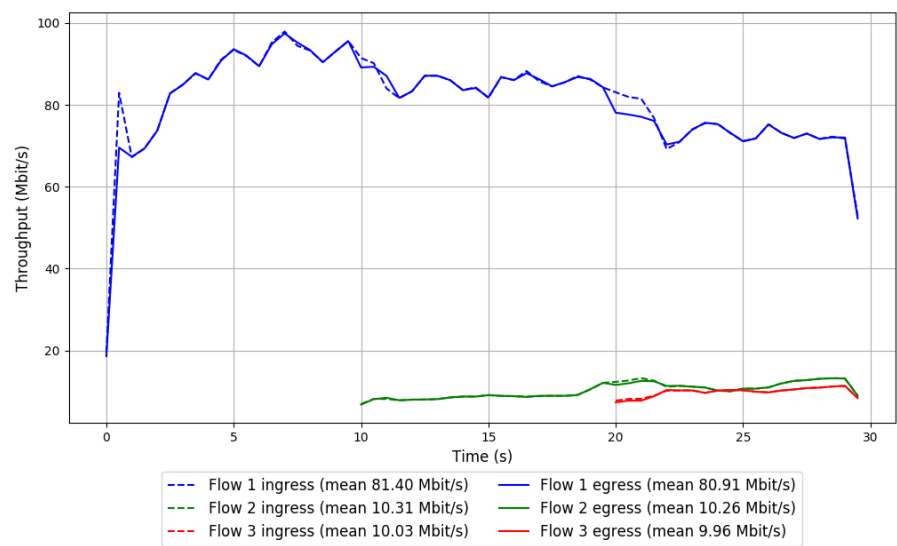


Run 4: Statistics of PCC

Start at: 2018-01-26 15:00:01
End at: 2018-01-26 15:00:31
Local clock offset: 0.968 ms
Remote clock offset: -13.952 ms

Below is generated by plot.py at 2018-01-26 17:35:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.02 Mbit/s
95th percentile per-packet one-way delay: 10.244 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 80.91 Mbit/s
95th percentile per-packet one-way delay: 9.639 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 10.26 Mbit/s
95th percentile per-packet one-way delay: 13.060 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 9.96 Mbit/s
95th percentile per-packet one-way delay: 17.385 ms
Loss rate: 0.68%

Run 4: Report of PCC — Data Link

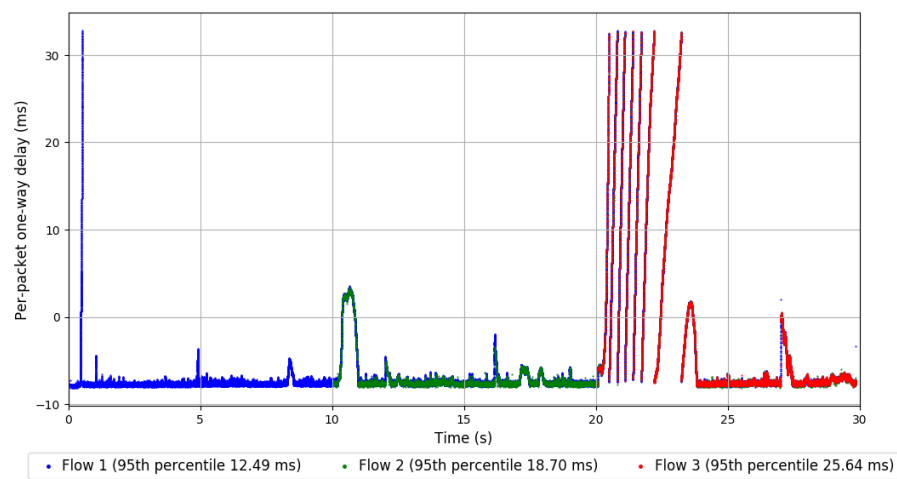
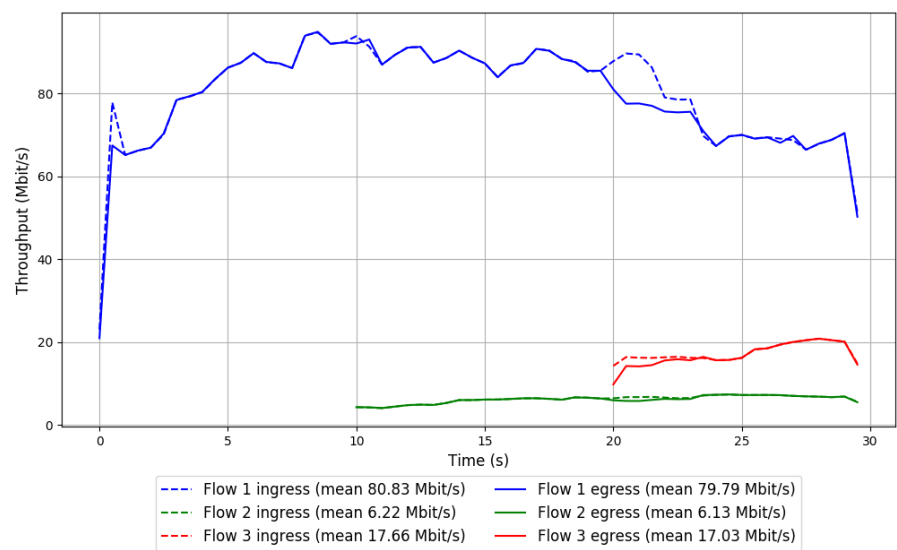


Run 5: Statistics of PCC

Start at: 2018-01-26 15:19:21
End at: 2018-01-26 15:19:51
Local clock offset: 1.987 ms
Remote clock offset: -16.907 ms

Below is generated by plot.py at 2018-01-26 17:36:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.47 Mbit/s
95th percentile per-packet one-way delay: 14.872 ms
Loss rate: 1.43%
-- Flow 1:
Average throughput: 79.79 Mbit/s
95th percentile per-packet one-way delay: 12.490 ms
Loss rate: 1.28%
-- Flow 2:
Average throughput: 6.13 Mbit/s
95th percentile per-packet one-way delay: 18.702 ms
Loss rate: 1.52%
-- Flow 3:
Average throughput: 17.03 Mbit/s
95th percentile per-packet one-way delay: 25.639 ms
Loss rate: 3.57%

Run 5: Report of PCC — Data Link

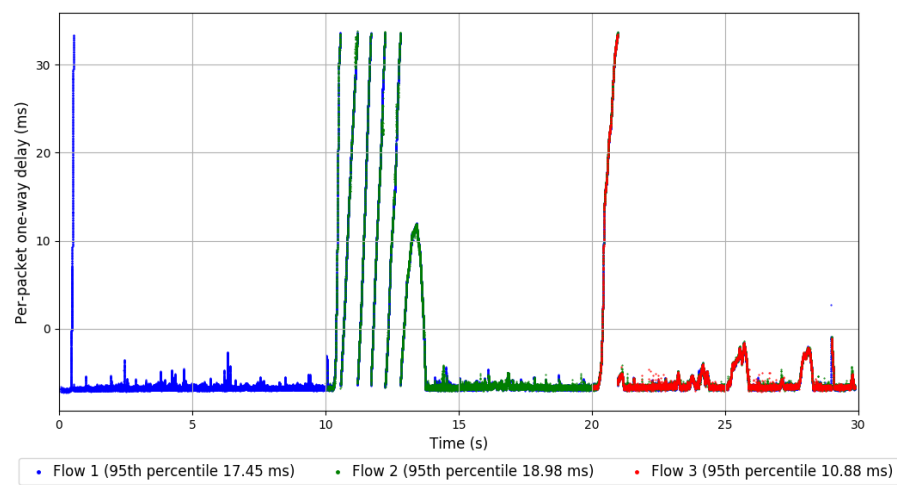
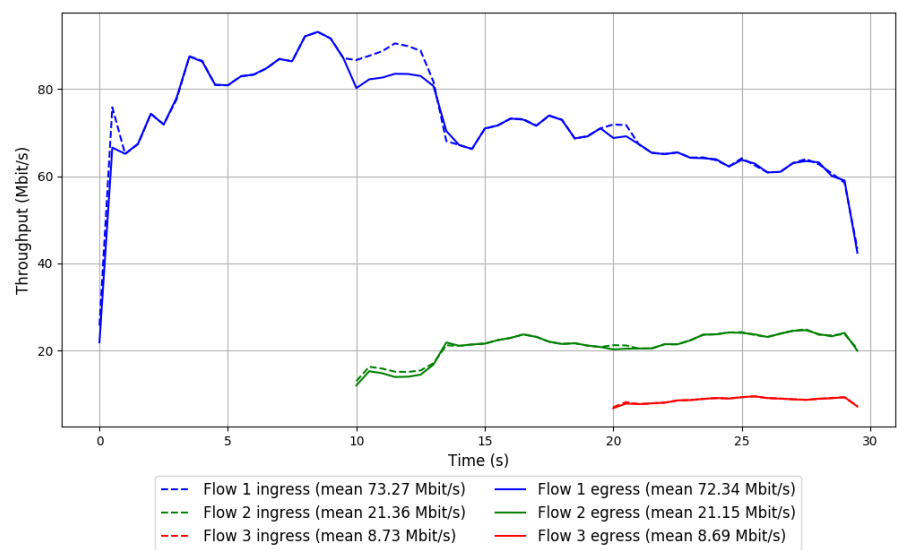


Run 6: Statistics of PCC

Start at: 2018-01-26 15:38:17
End at: 2018-01-26 15:38:47
Local clock offset: 3.711 ms
Remote clock offset: -15.506 ms

Below is generated by plot.py at 2018-01-26 17:36:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.27 Mbit/s
95th percentile per-packet one-way delay: 17.571 ms
Loss rate: 1.19%
-- Flow 1:
Average throughput: 72.34 Mbit/s
95th percentile per-packet one-way delay: 17.452 ms
Loss rate: 1.26%
-- Flow 2:
Average throughput: 21.15 Mbit/s
95th percentile per-packet one-way delay: 18.976 ms
Loss rate: 0.95%
-- Flow 3:
Average throughput: 8.69 Mbit/s
95th percentile per-packet one-way delay: 10.881 ms
Loss rate: 0.38%

Run 6: Report of PCC — Data Link

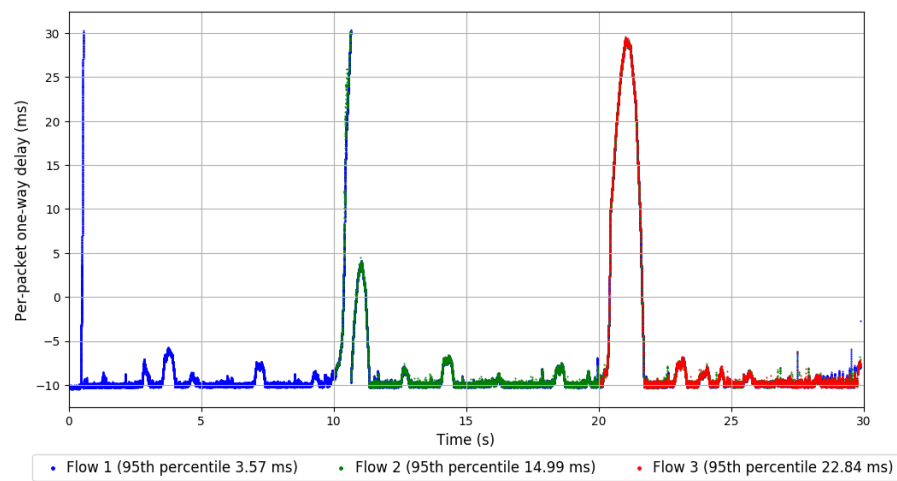
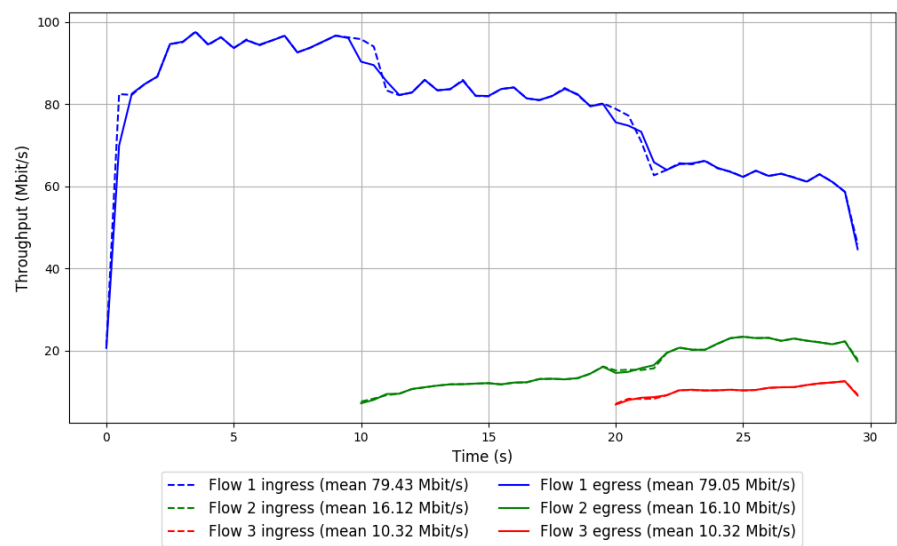


Run 7: Statistics of PCC

Start at: 2018-01-26 15:57:24
End at: 2018-01-26 15:57:54
Local clock offset: 4.447 ms
Remote clock offset: -18.932 ms

Below is generated by plot.py at 2018-01-26 17:36:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.16 Mbit/s
95th percentile per-packet one-way delay: 7.358 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 79.05 Mbit/s
95th percentile per-packet one-way delay: 3.566 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 16.10 Mbit/s
95th percentile per-packet one-way delay: 14.986 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 10.32 Mbit/s
95th percentile per-packet one-way delay: 22.841 ms
Loss rate: 0.00%

Run 7: Report of PCC — Data Link

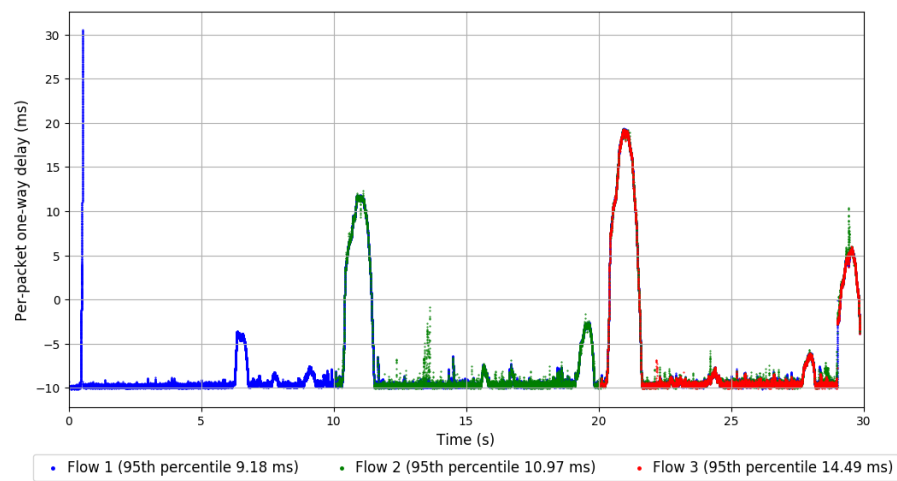
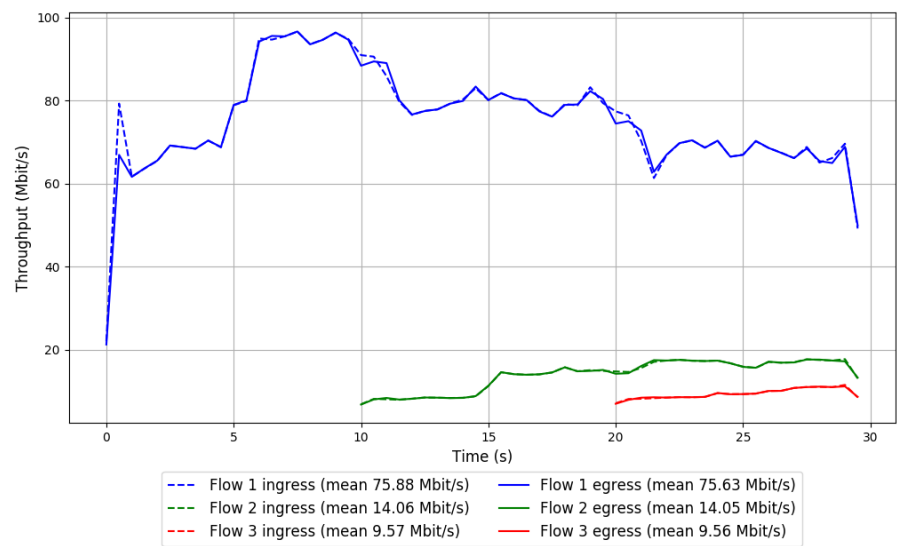


Run 8: Statistics of PCC

Start at: 2018-01-26 16:17:01
End at: 2018-01-26 16:17:31
Local clock offset: 4.348 ms
Remote clock offset: -19.69 ms

Below is generated by plot.py at 2018-01-26 17:37:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.13 Mbit/s
95th percentile per-packet one-way delay: 9.402 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 75.63 Mbit/s
95th percentile per-packet one-way delay: 9.178 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 14.05 Mbit/s
95th percentile per-packet one-way delay: 10.974 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 9.56 Mbit/s
95th percentile per-packet one-way delay: 14.486 ms
Loss rate: 0.00%

Run 8: Report of PCC — Data Link

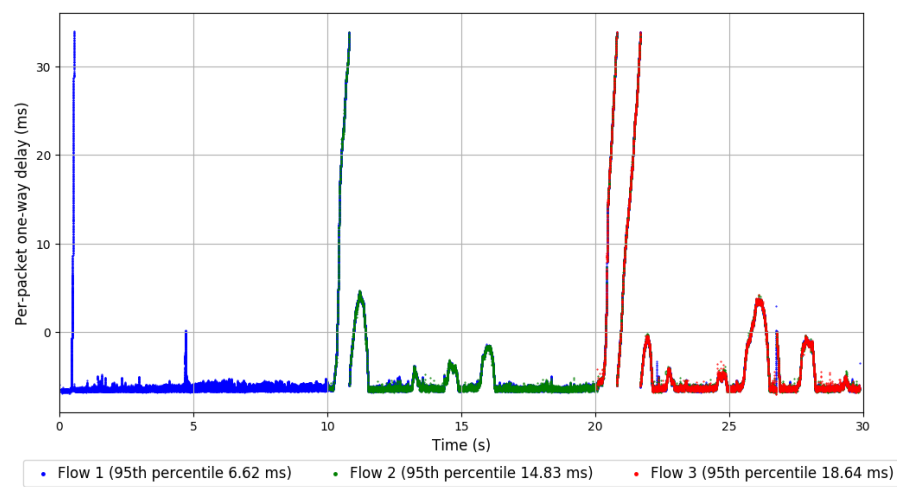
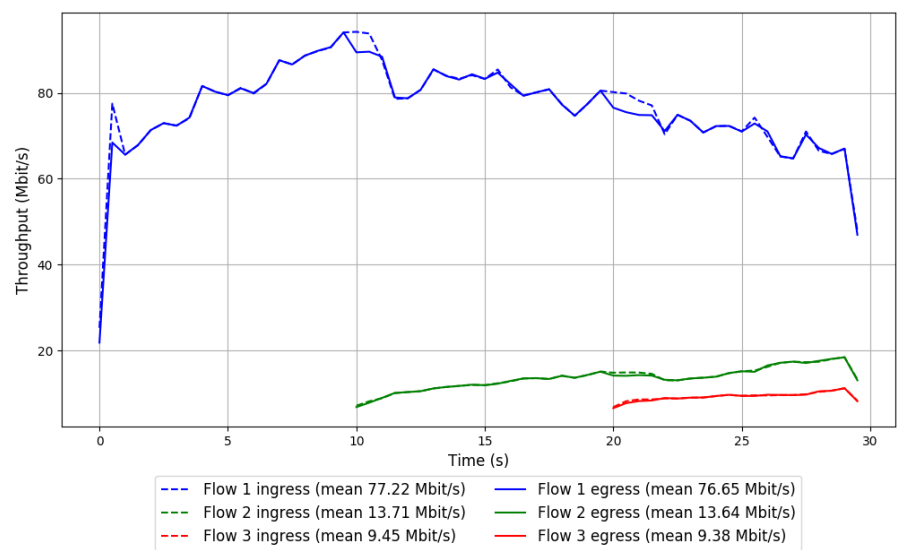


Run 9: Statistics of PCC

Start at: 2018-01-26 16:36:30
End at: 2018-01-26 16:37:00
Local clock offset: 3.371 ms
Remote clock offset: -17.63 ms

Below is generated by plot.py at 2018-01-26 17:37:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.80 Mbit/s
95th percentile per-packet one-way delay: 9.501 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 76.65 Mbit/s
95th percentile per-packet one-way delay: 6.616 ms
Loss rate: 0.73%
-- Flow 2:
Average throughput: 13.64 Mbit/s
95th percentile per-packet one-way delay: 14.827 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 9.38 Mbit/s
95th percentile per-packet one-way delay: 18.645 ms
Loss rate: 0.73%

Run 9: Report of PCC — Data Link

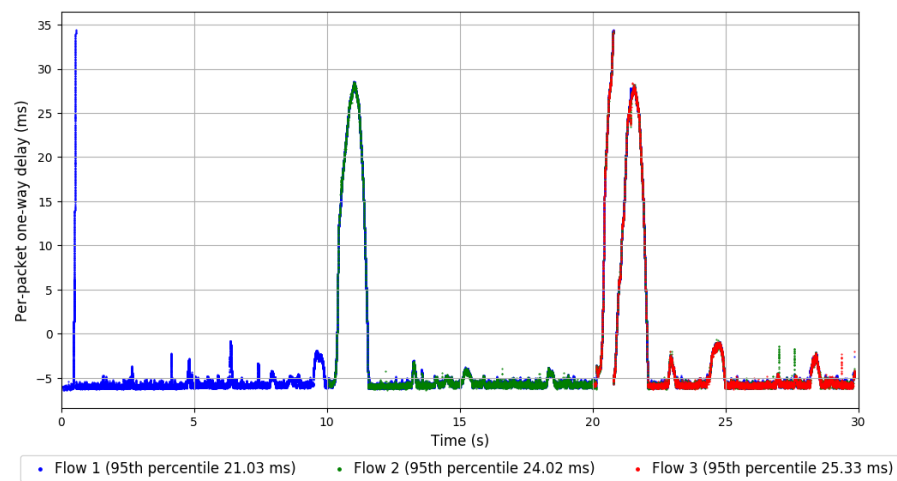
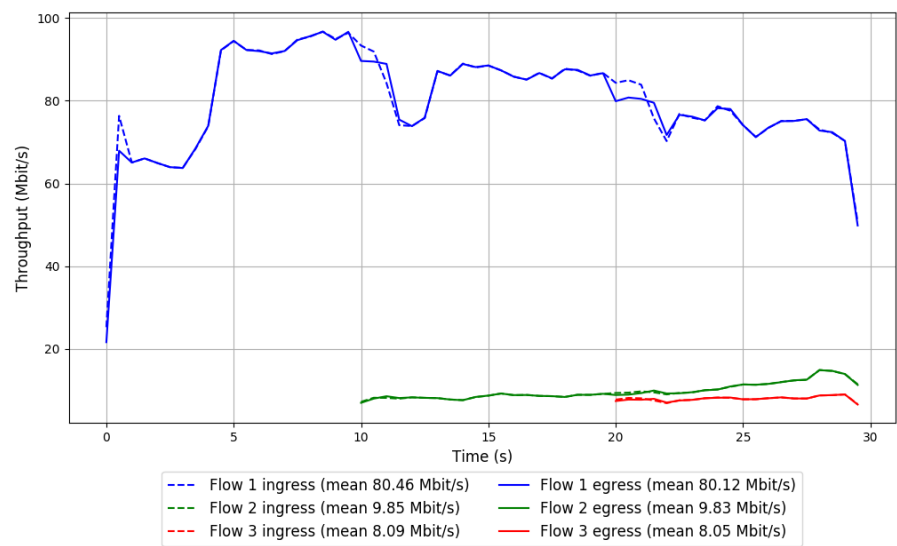


Run 10: Statistics of PCC

Start at: 2018-01-26 16:55:43
End at: 2018-01-26 16:56:13
Local clock offset: 1.407 ms
Remote clock offset: -19.621 ms

Below is generated by plot.py at 2018-01-26 17:37:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.31 Mbit/s
95th percentile per-packet one-way delay: 21.563 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 80.12 Mbit/s
95th percentile per-packet one-way delay: 21.031 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 9.83 Mbit/s
95th percentile per-packet one-way delay: 24.019 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 8.05 Mbit/s
95th percentile per-packet one-way delay: 25.333 ms
Loss rate: 0.40%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

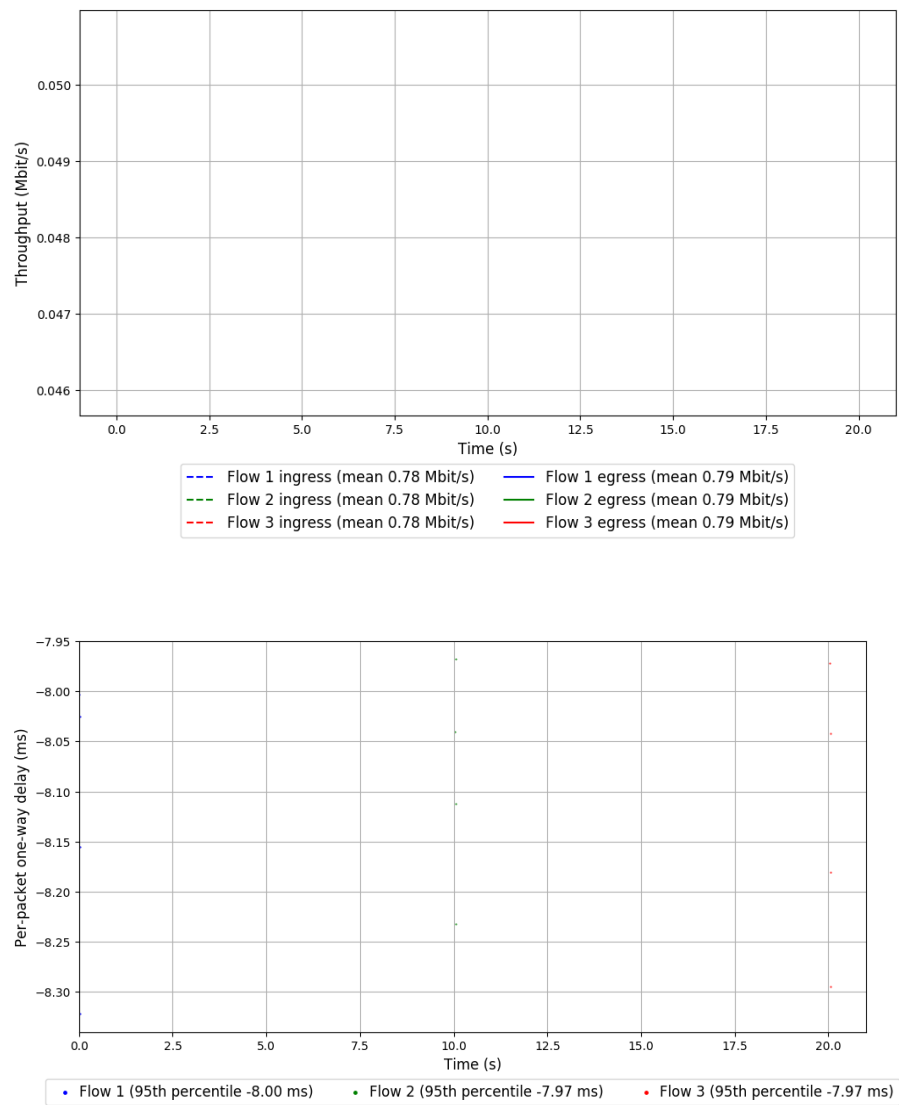
Start at: 2018-01-26 13:54:22

End at: 2018-01-26 13:54:52

Local clock offset: 3.879 ms

Remote clock offset: -14.323 ms

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

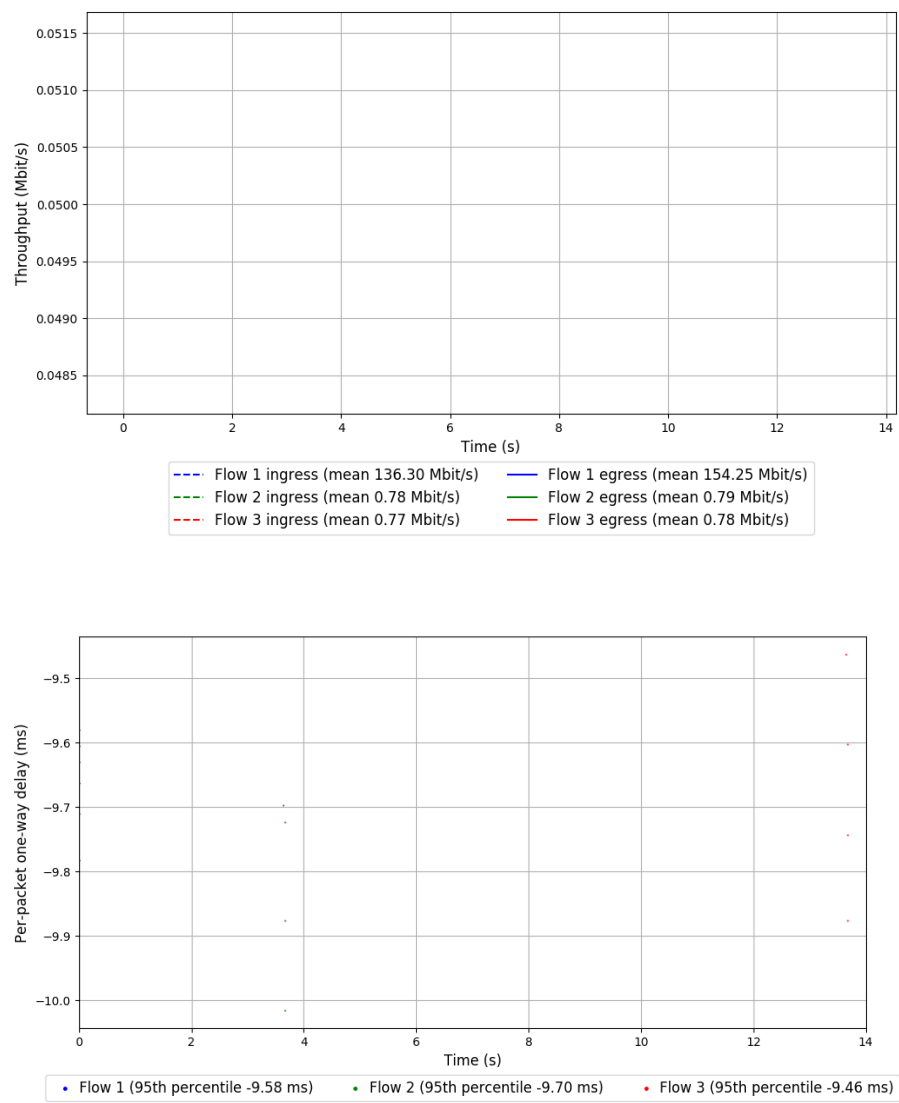
Start at: 2018-01-26 14:15:00

End at: 2018-01-26 14:15:30

Local clock offset: 3.888 ms

Remote clock offset: -15.844 ms

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

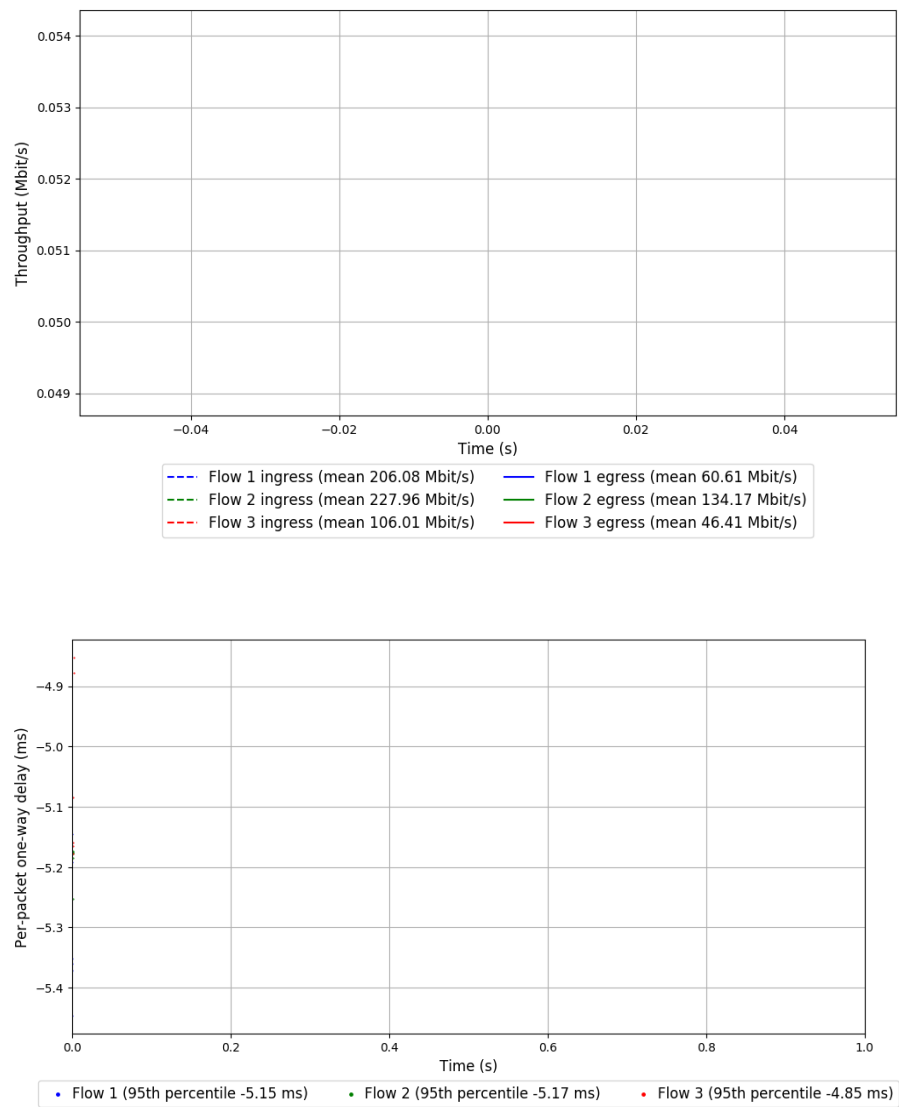
Start at: 2018-01-26 14:34:50

End at: 2018-01-26 14:35:20

Local clock offset: 2.974 ms

Remote clock offset: -12.883 ms

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

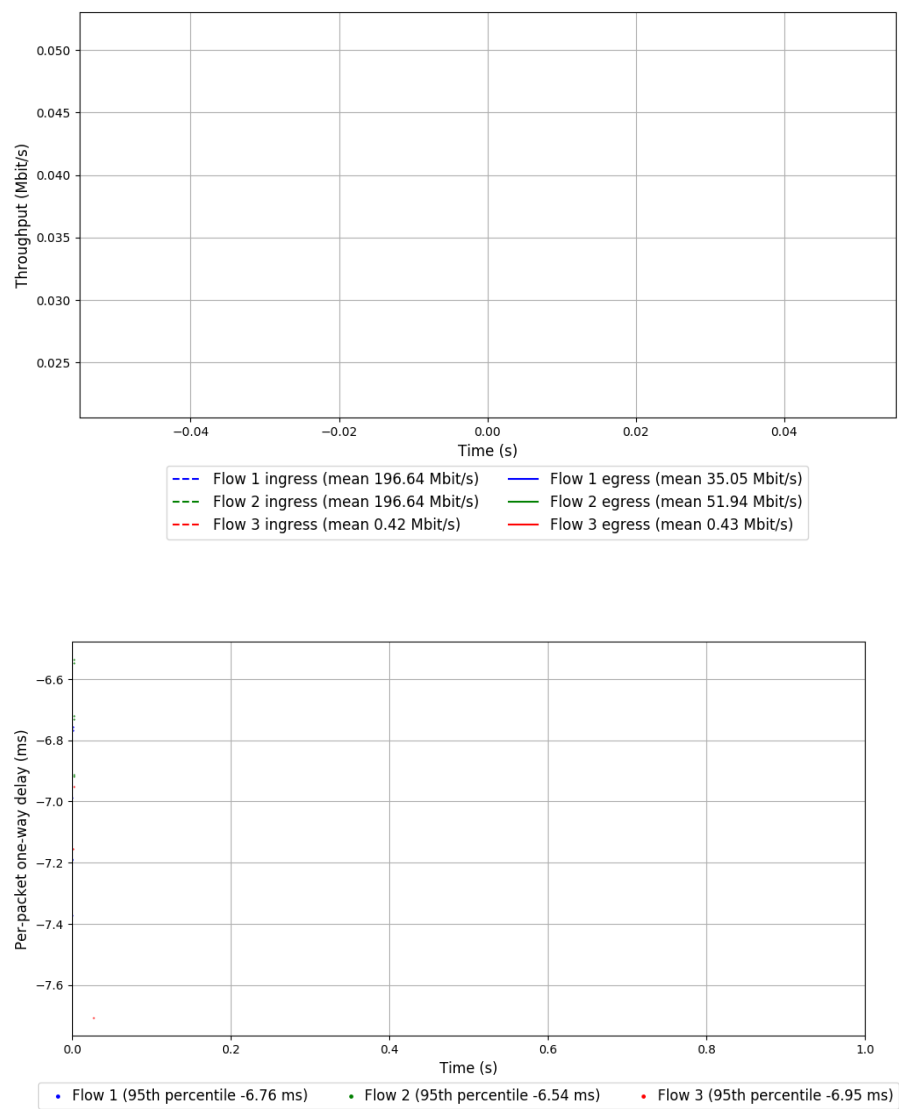
Start at: 2018-01-26 14:54:57

End at: 2018-01-26 14:55:27

Local clock offset: 3.361 ms

Remote clock offset: -13.864 ms

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

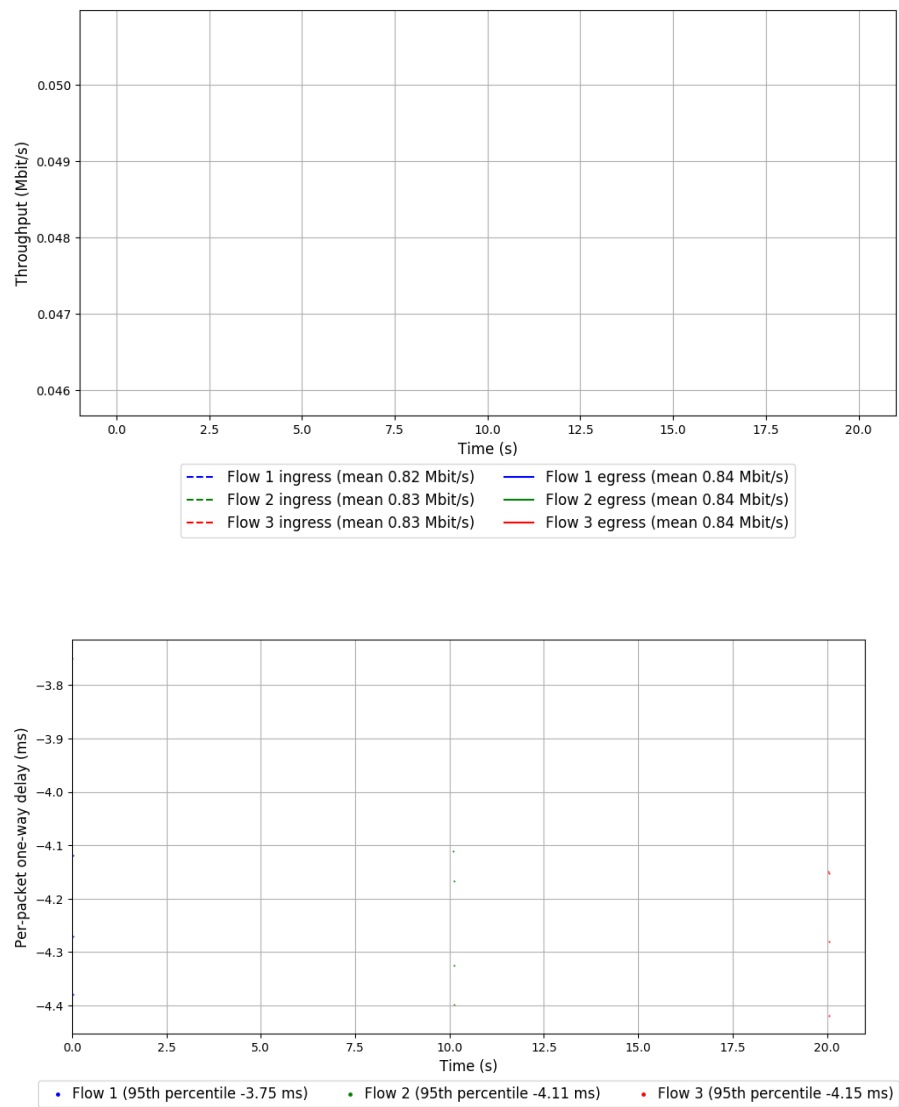
Start at: 2018-01-26 15:14:30

End at: 2018-01-26 15:15:00

Local clock offset: 0.361 ms

Remote clock offset: -14.822 ms

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

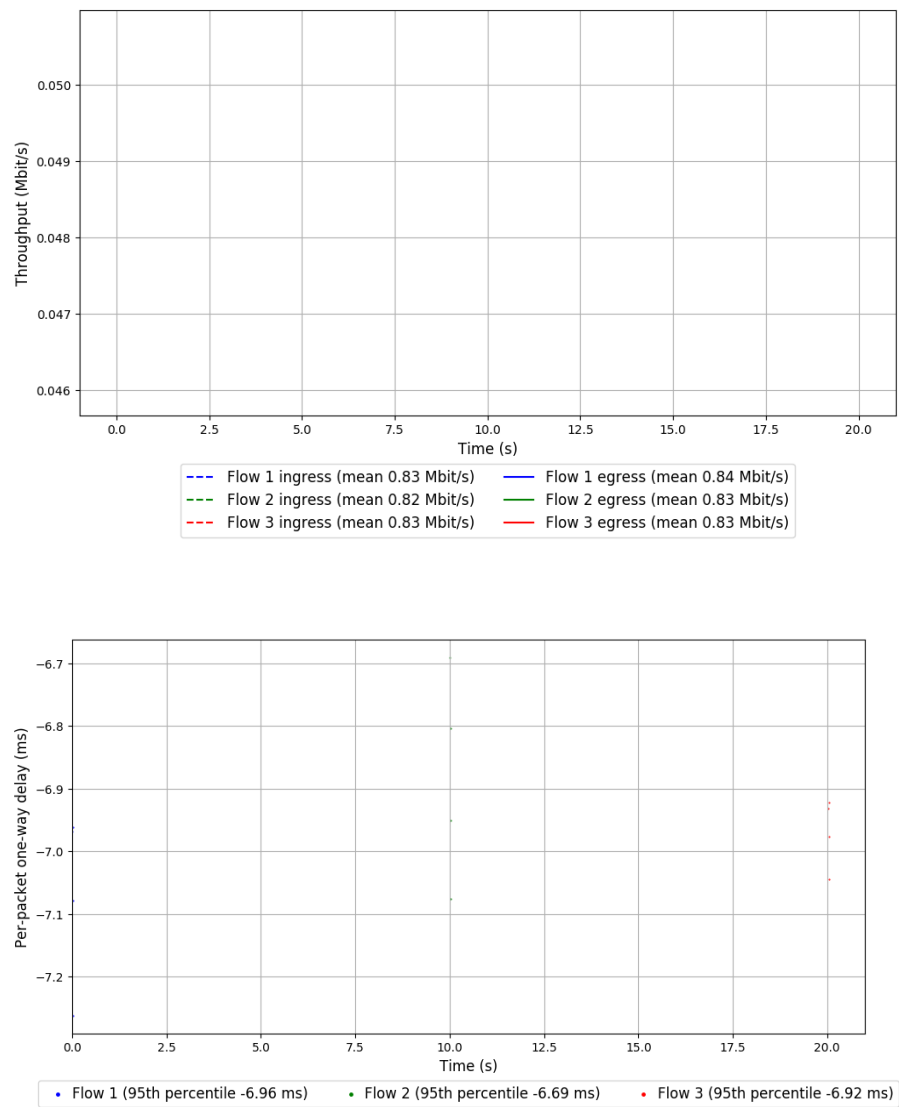
Start at: 2018-01-26 15:33:32

End at: 2018-01-26 15:34:02

Local clock offset: 3.257 ms

Remote clock offset: -15.566 ms

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

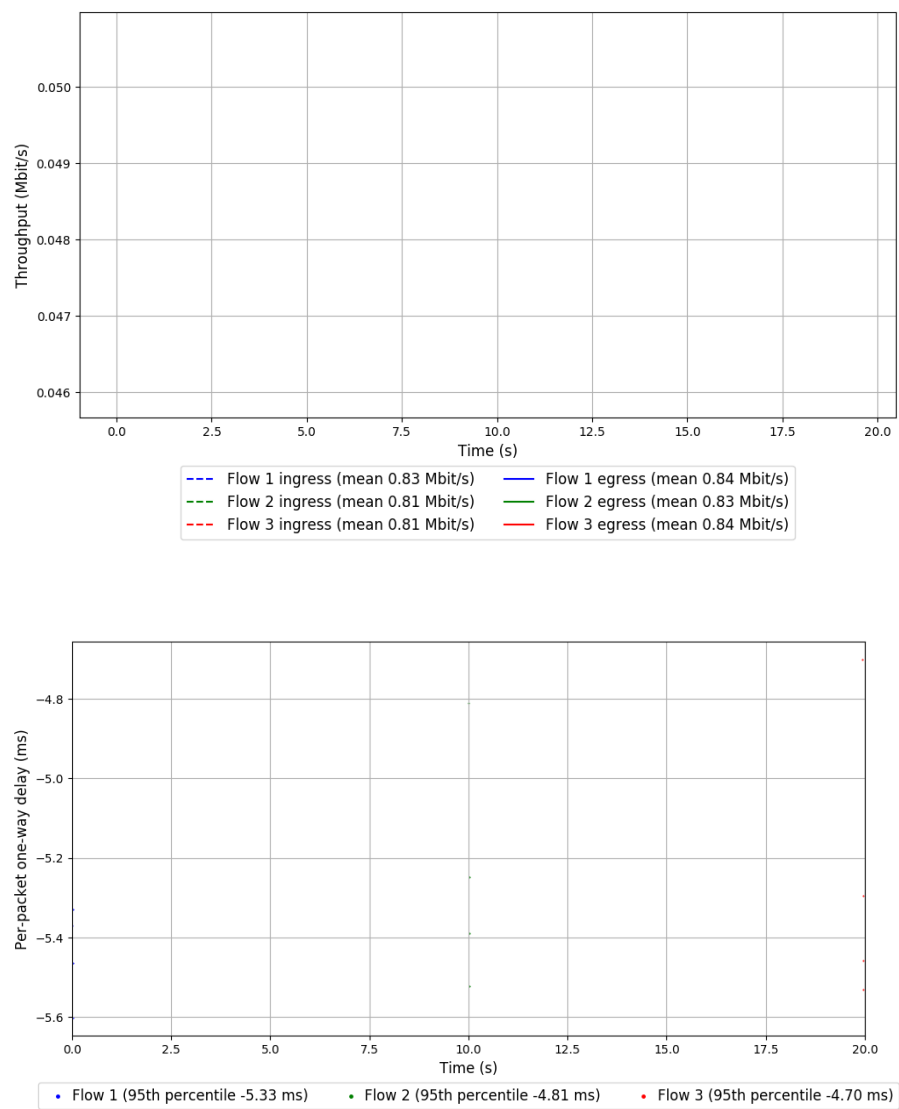
Start at: 2018-01-26 15:52:41

End at: 2018-01-26 15:53:11

Local clock offset: 2.514 ms

Remote clock offset: -16.225 ms

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

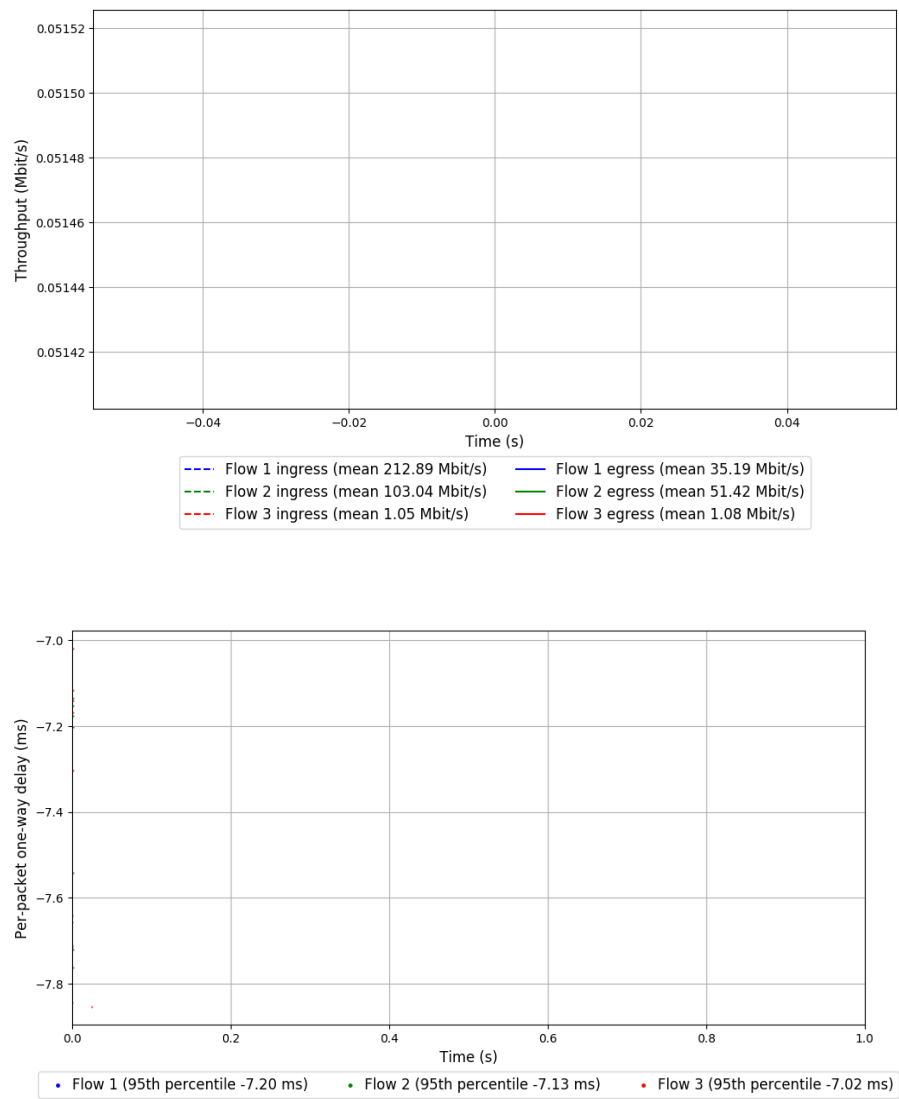
Start at: 2018-01-26 16:12:05

End at: 2018-01-26 16:12:35

Local clock offset: 3.633 ms

Remote clock offset: -18.087 ms

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

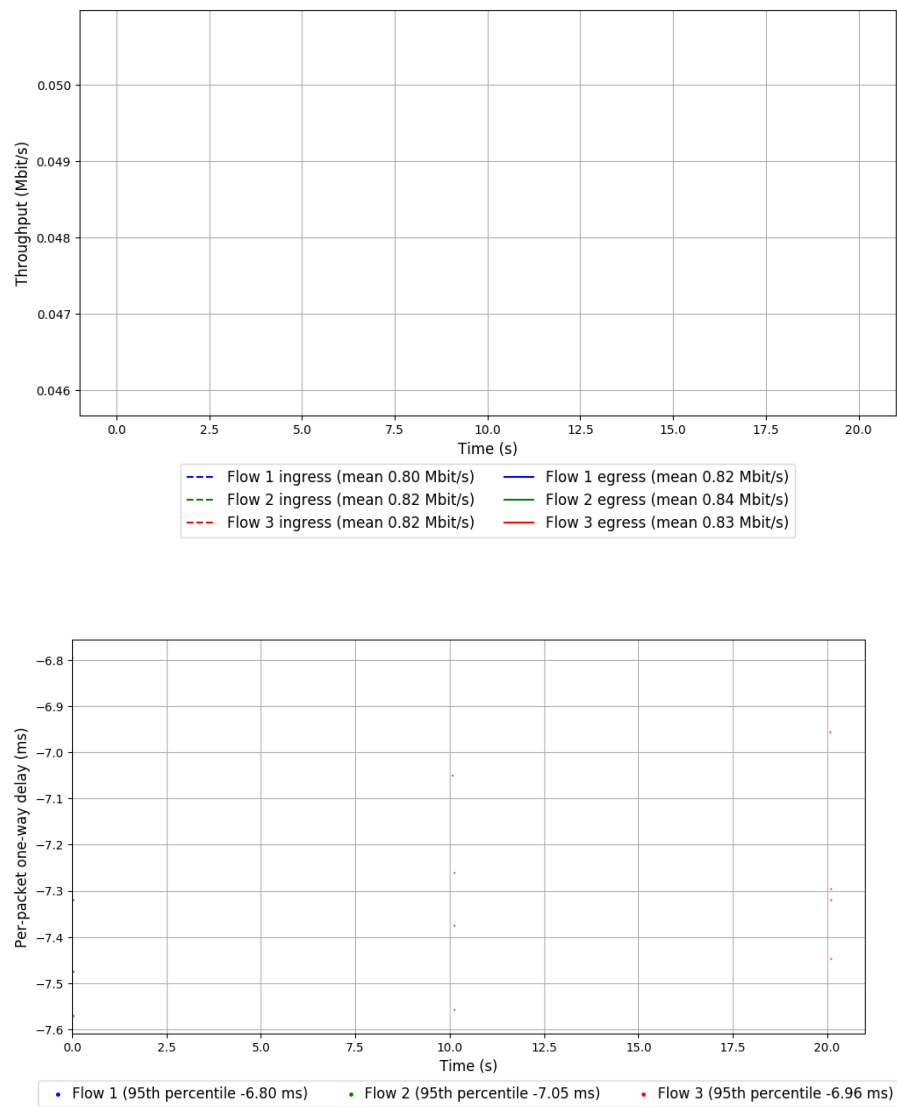
Start at: 2018-01-26 16:31:38

End at: 2018-01-26 16:32:08

Local clock offset: 3.597 ms

Remote clock offset: -18.27 ms

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

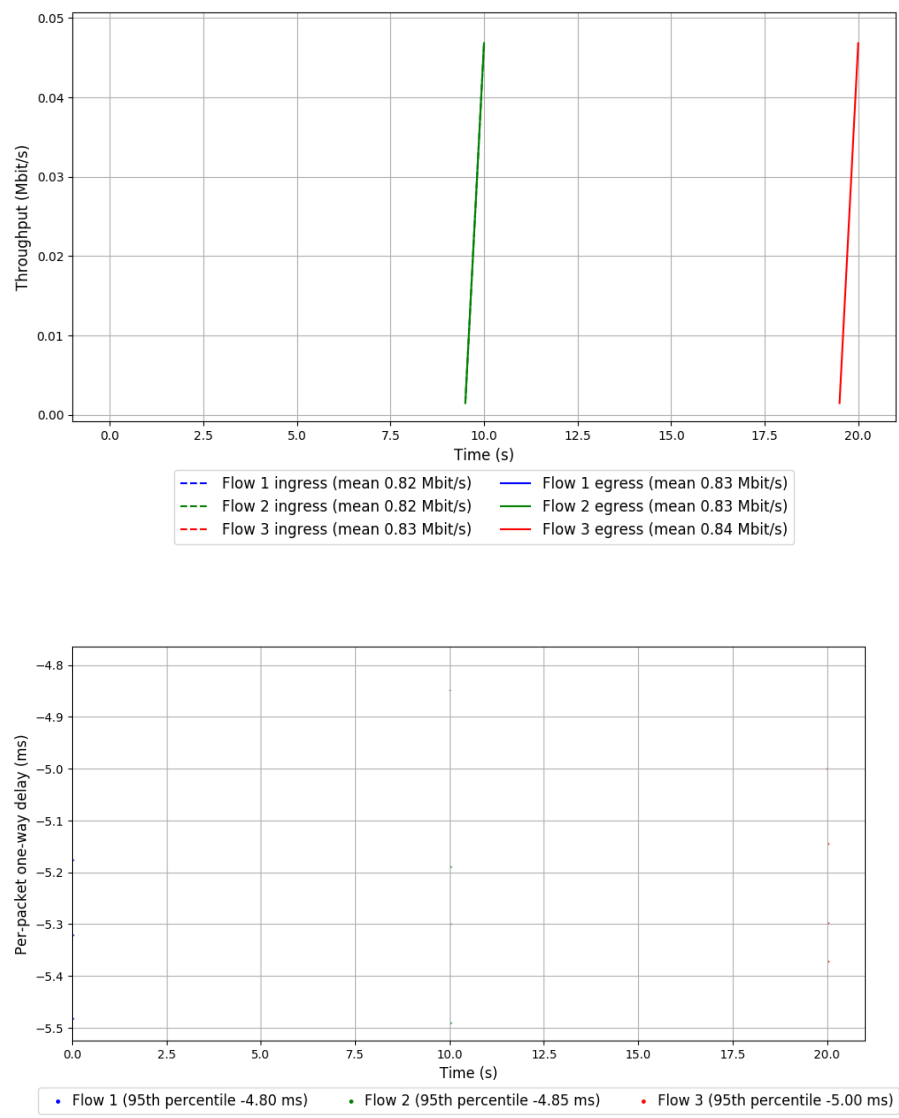
Start at: 2018-01-26 16:50:53

End at: 2018-01-26 16:51:23

Local clock offset: 1.272 ms

Remote clock offset: -18.623 ms

Run 10: Report of QUIC Cubic — Data Link

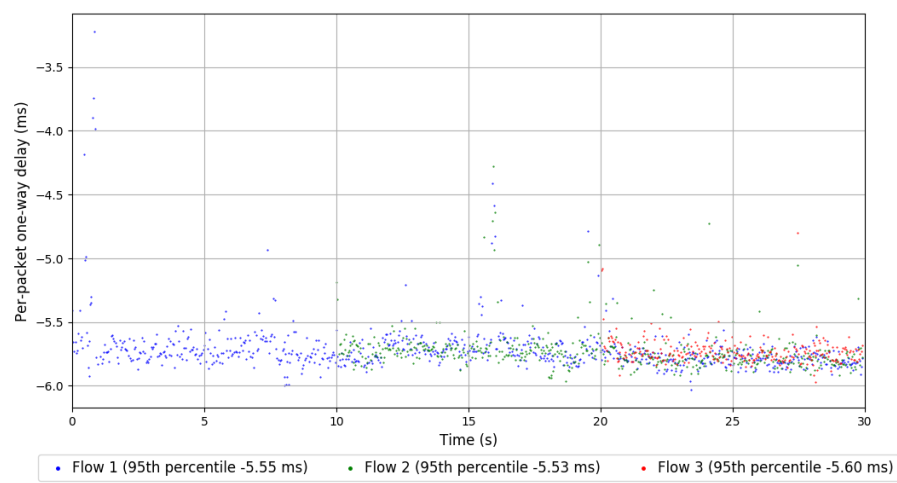
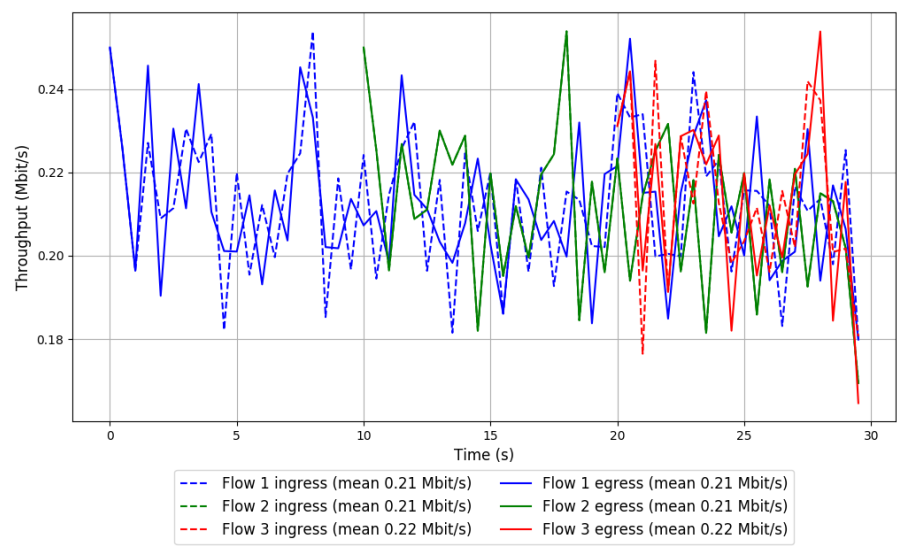


```
Run 1: Statistics of SCReAM

Start at: 2018-01-26 14:00:46
End at: 2018-01-26 14:01:16
Local clock offset: 0.381 ms
Remote clock offset: -15.637 ms

# Below is generated by plot.py at 2018-01-26 17:37:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -5.550 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -5.550 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -5.527 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -5.604 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link

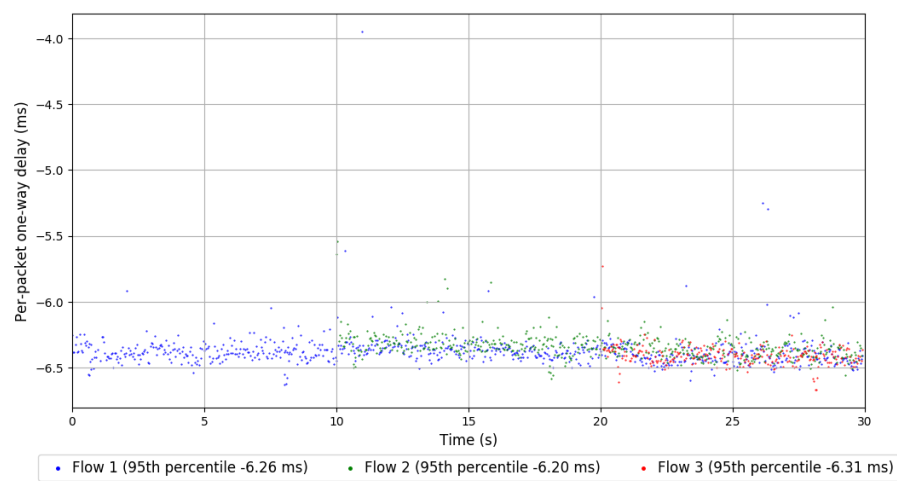
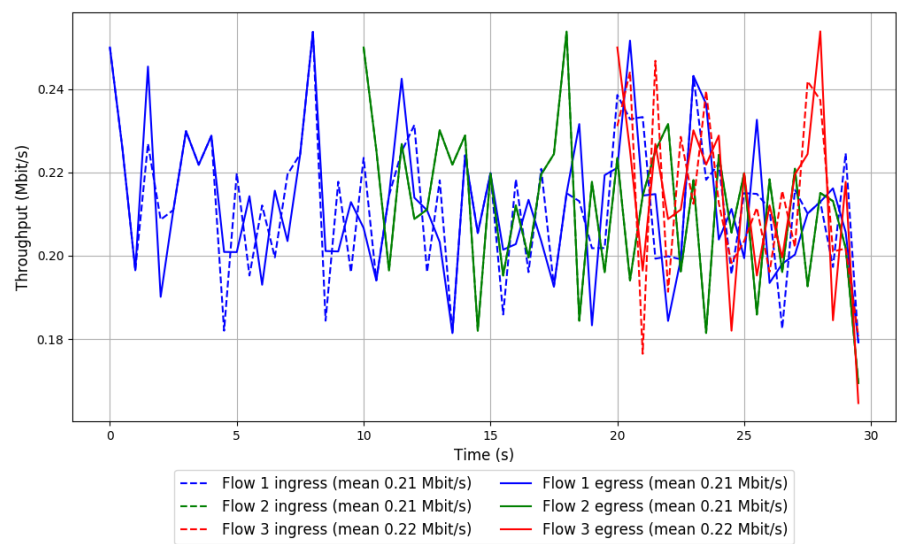


Run 2: Statistics of SReAM

Start at: 2018-01-26 14:21:19
End at: 2018-01-26 14:21:49
Local clock offset: 0.558 ms
Remote clock offset: -15.709 ms

Below is generated by plot.py at 2018-01-26 17:37:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -6.246 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -6.262 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -6.199 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -6.309 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

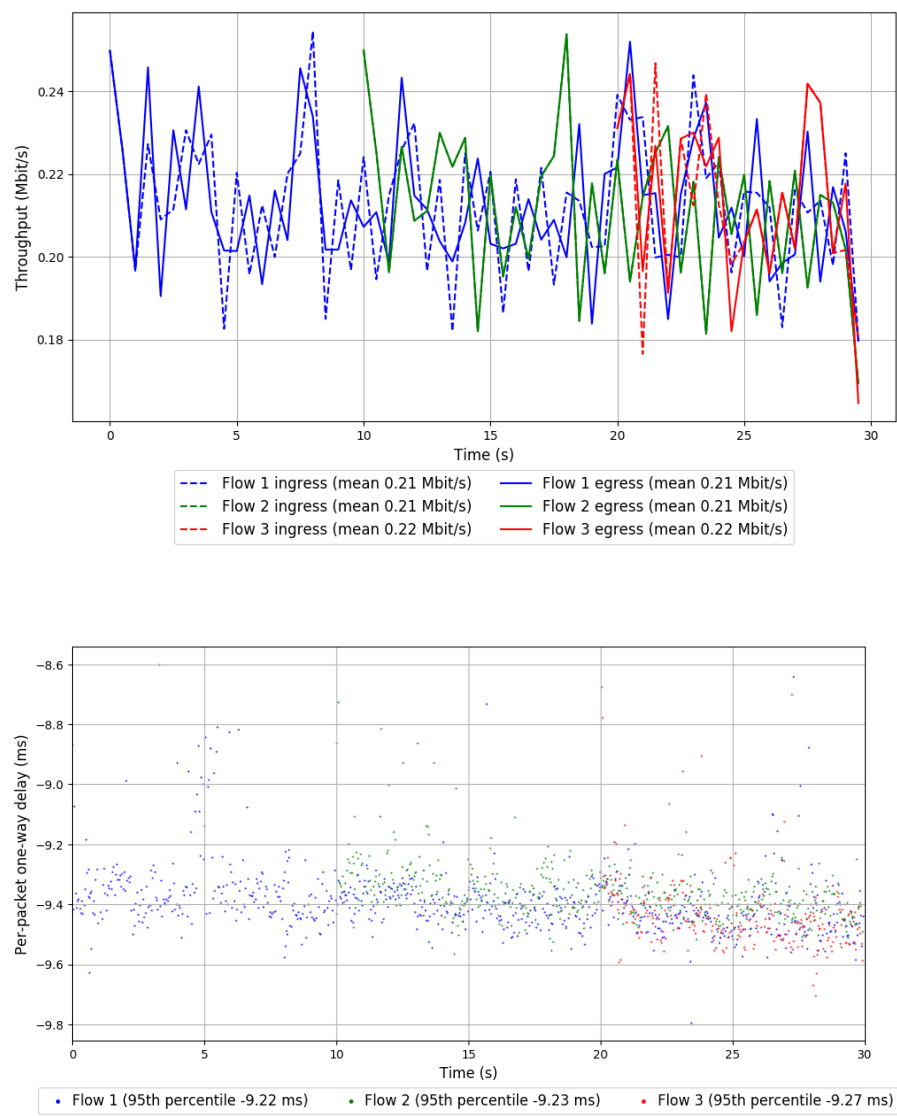


Run 3: Statistics of SReAM

Start at: 2018-01-26 14:40:56
End at: 2018-01-26 14:41:26
Local clock offset: 3.626 ms
Remote clock offset: -14.887 ms

Below is generated by plot.py at 2018-01-26 17:37:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -9.233 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -9.224 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -9.226 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -9.269 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

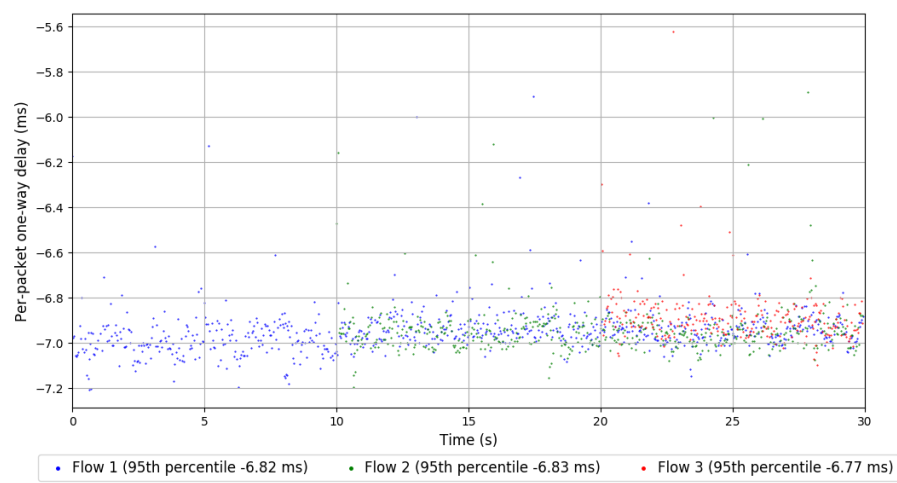
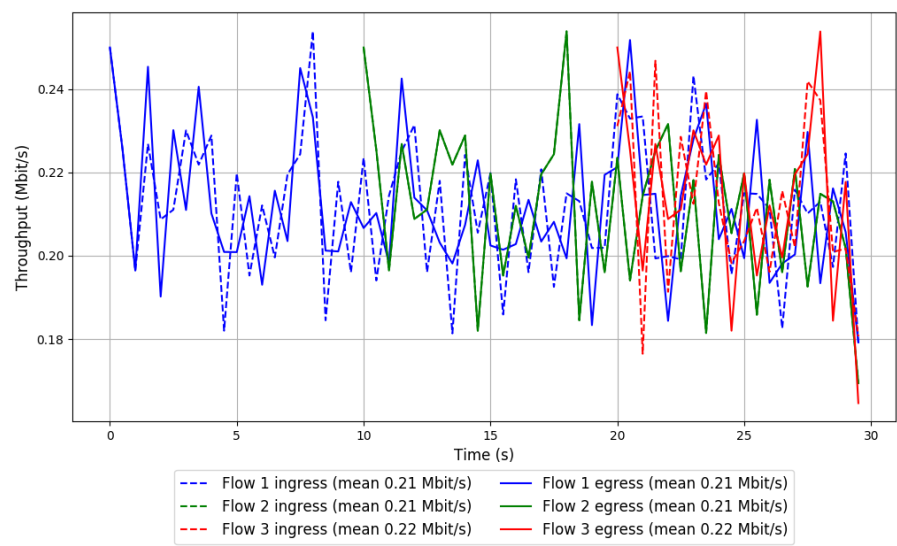


Run 4: Statistics of SReAM

Start at: 2018-01-26 15:01:12
End at: 2018-01-26 15:01:42
Local clock offset: 2.424 ms
Remote clock offset: -15.071 ms

Below is generated by plot.py at 2018-01-26 17:37:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -6.803 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -6.817 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -6.825 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -6.772 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

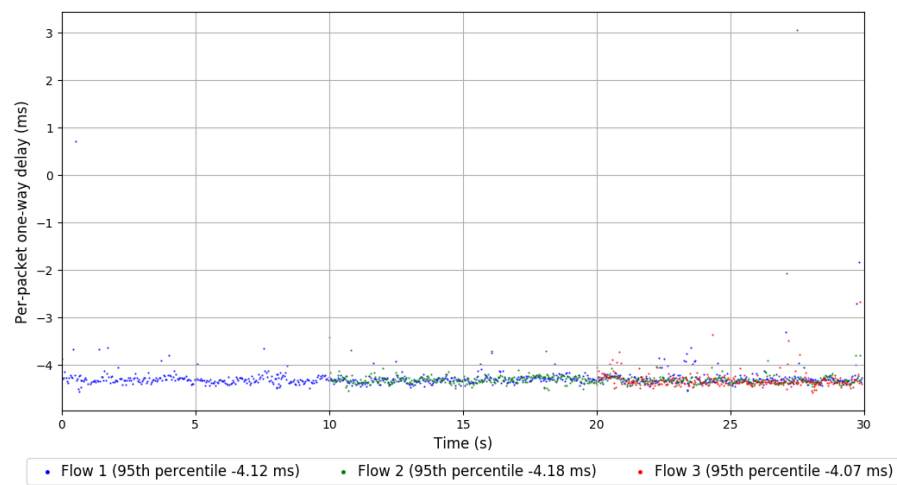
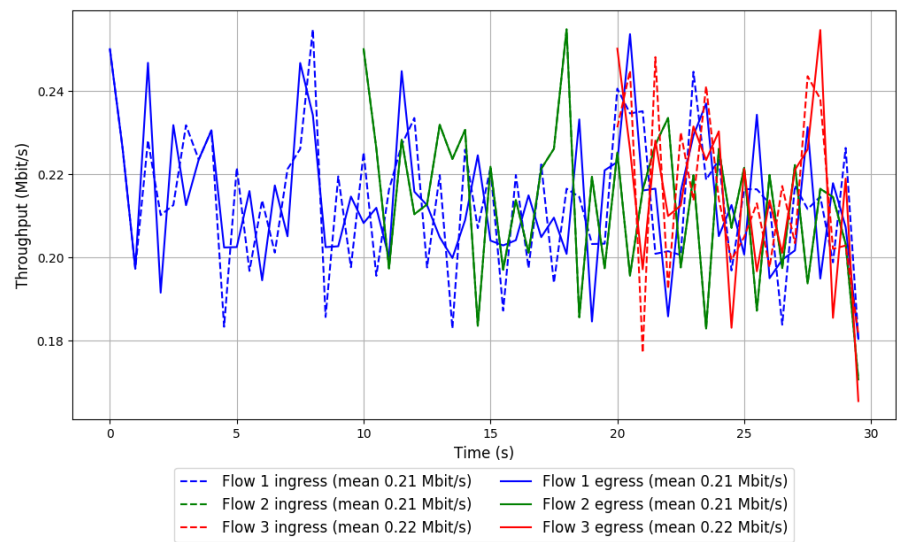


Run 5: Statistics of SReAM

Start at: 2018-01-26 15:20:31
End at: 2018-01-26 15:21:01
Local clock offset: 0.767 ms
Remote clock offset: -14.58 ms

Below is generated by plot.py at 2018-01-26 17:37:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -4.130 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -4.123 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -4.183 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -4.073 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

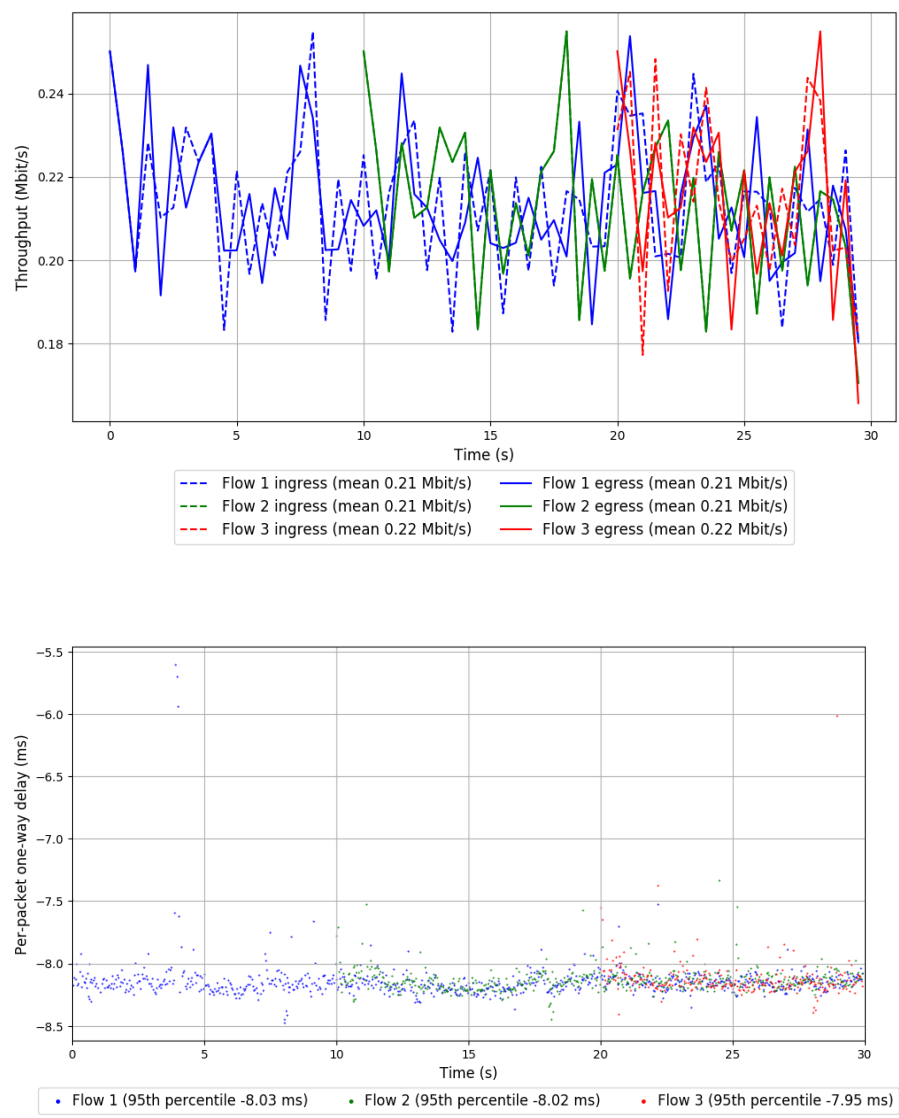


Run 6: Statistics of SReAM

Start at: 2018-01-26 15:39:26
End at: 2018-01-26 15:39:56
Local clock offset: 2.531 ms
Remote clock offset: -18.081 ms

Below is generated by plot.py at 2018-01-26 17:37:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -8.009 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -8.029 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -8.015 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -7.948 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

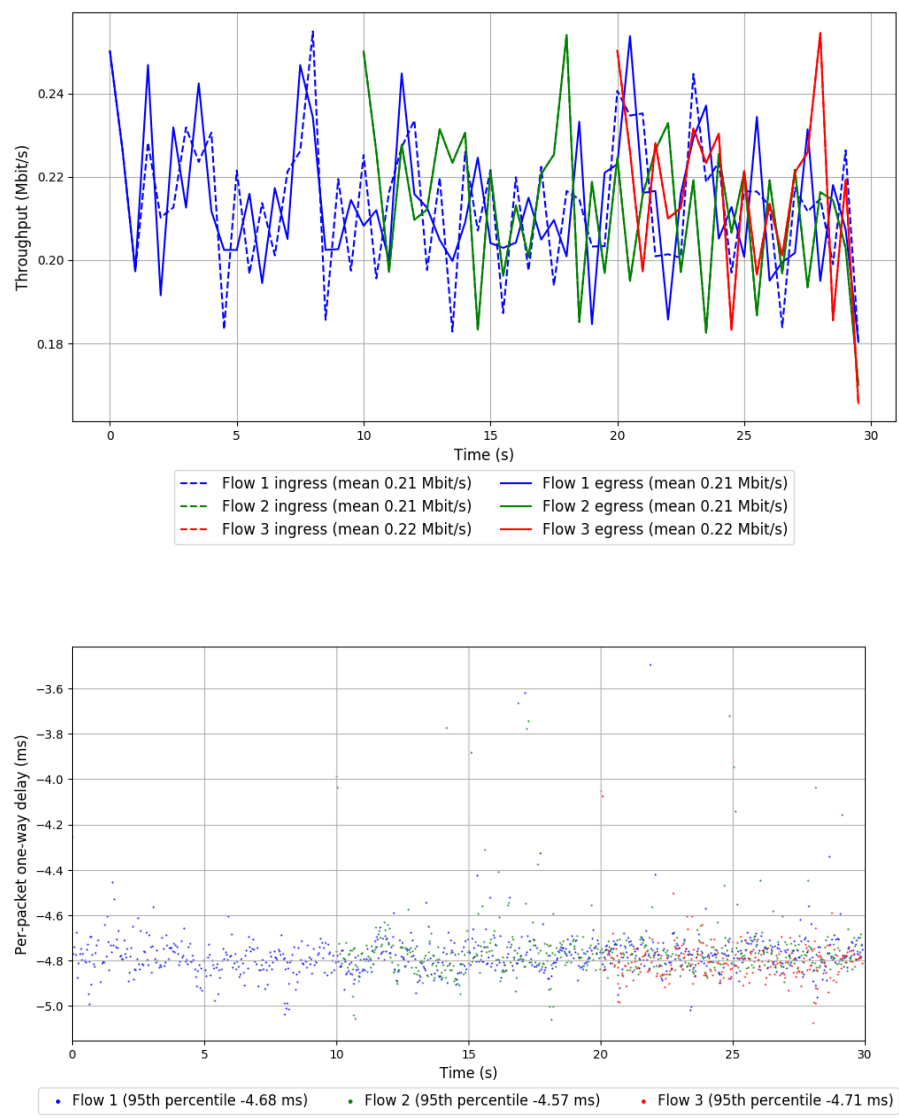


Run 7: Statistics of SReAM

Start at: 2018-01-26 15:58:35
End at: 2018-01-26 15:59:05
Local clock offset: 1.065 ms
Remote clock offset: -17.07 ms

Below is generated by plot.py at 2018-01-26 17:37:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -4.662 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -4.676 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -4.574 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -4.707 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

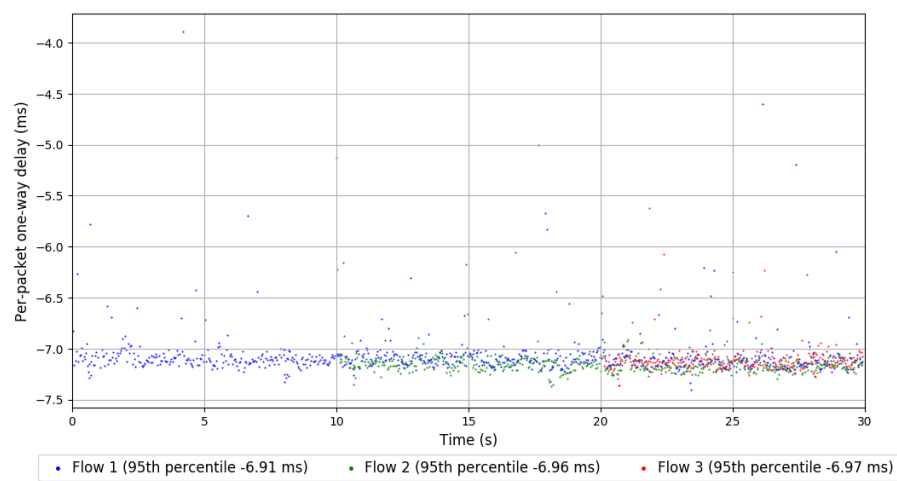
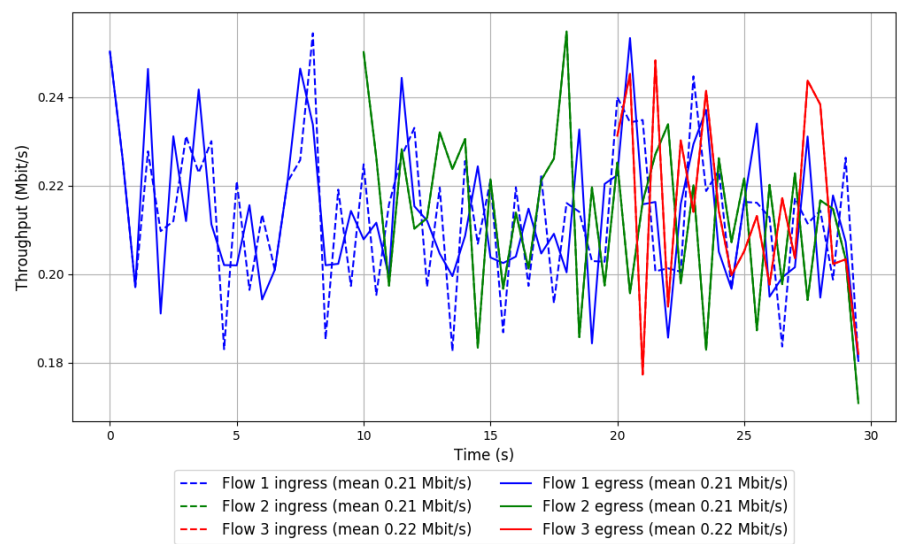


Run 8: Statistics of SReAM

Start at: 2018-01-26 16:18:14
End at: 2018-01-26 16:18:44
Local clock offset: 4.217 ms
Remote clock offset: -17.229 ms

Below is generated by plot.py at 2018-01-26 17:37:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -6.942 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -6.906 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -6.961 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -6.975 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

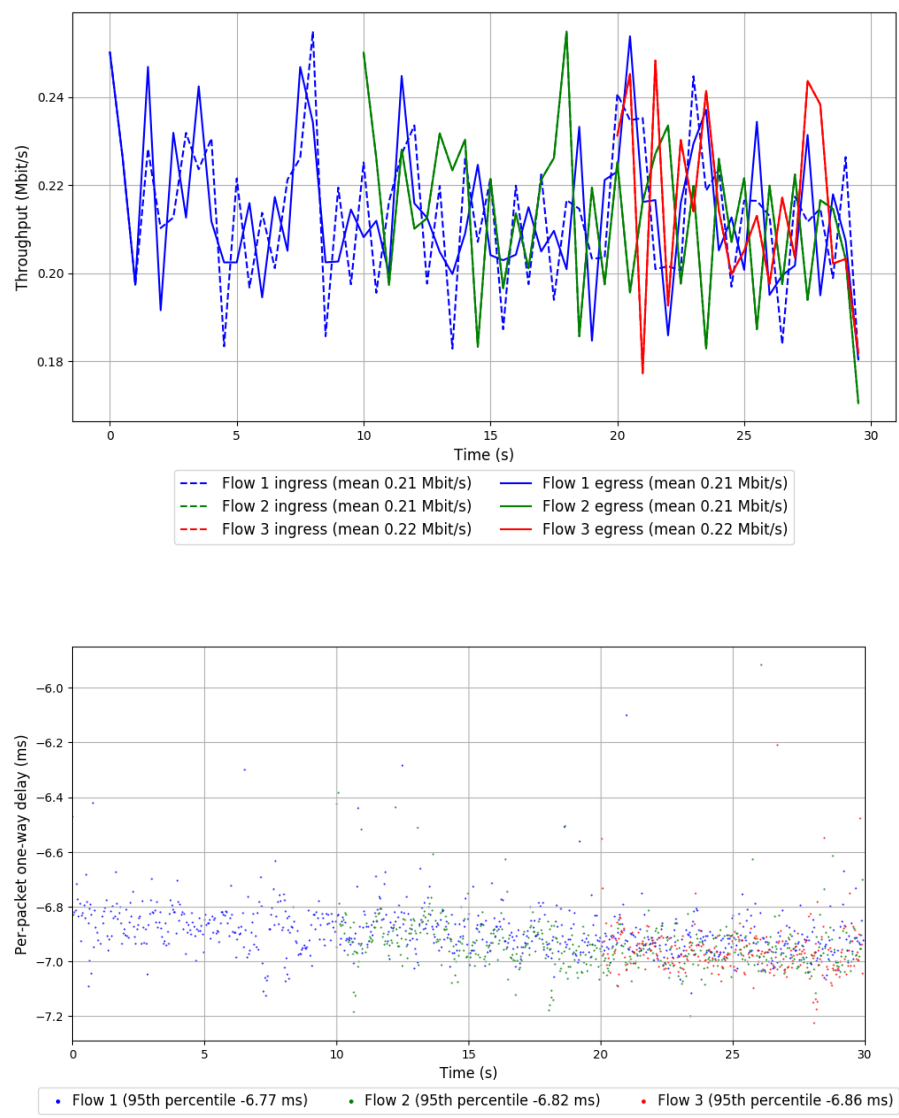


Run 9: Statistics of SReAM

Start at: 2018-01-26 16:37:42
End at: 2018-01-26 16:38:12
Local clock offset: 1.477 ms
Remote clock offset: -19.827 ms

Below is generated by plot.py at 2018-01-26 17:37:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -6.782 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -6.768 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -6.822 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -6.860 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

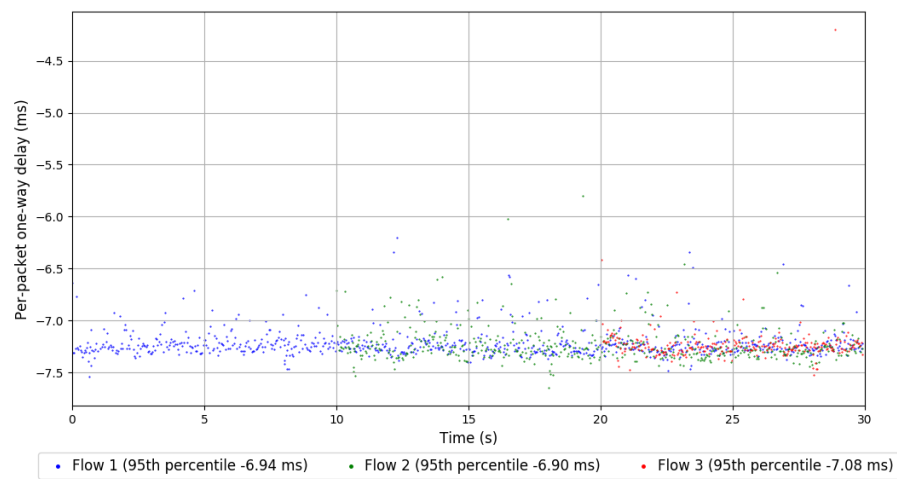
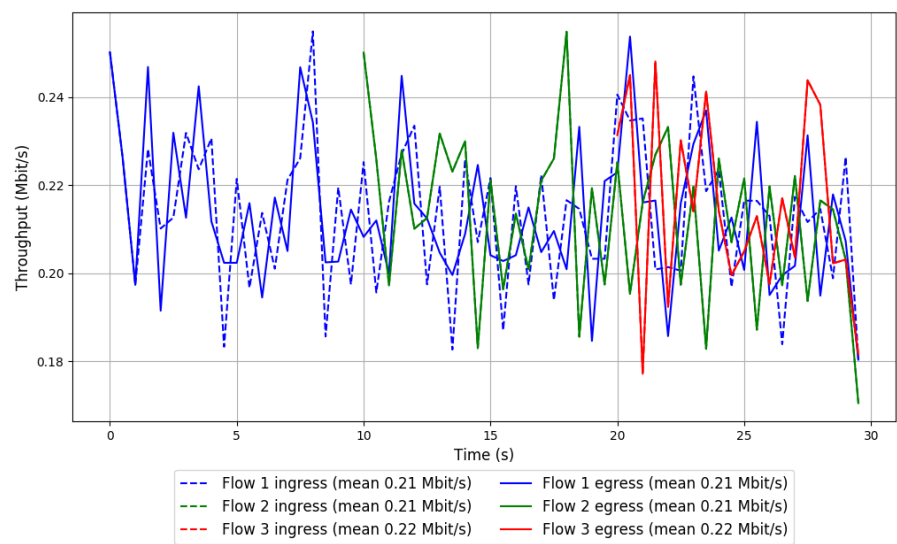


Run 10: Statistics of SReAM

Start at: 2018-01-26 16:56:54
End at: 2018-01-26 16:57:24
Local clock offset: 2.858 ms
Remote clock offset: -19.512 ms

Below is generated by plot.py at 2018-01-26 17:37:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -6.944 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -6.942 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -6.896 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -7.085 ms
Loss rate: 0.00%

Run 10: Report of SCReAM — Data Link

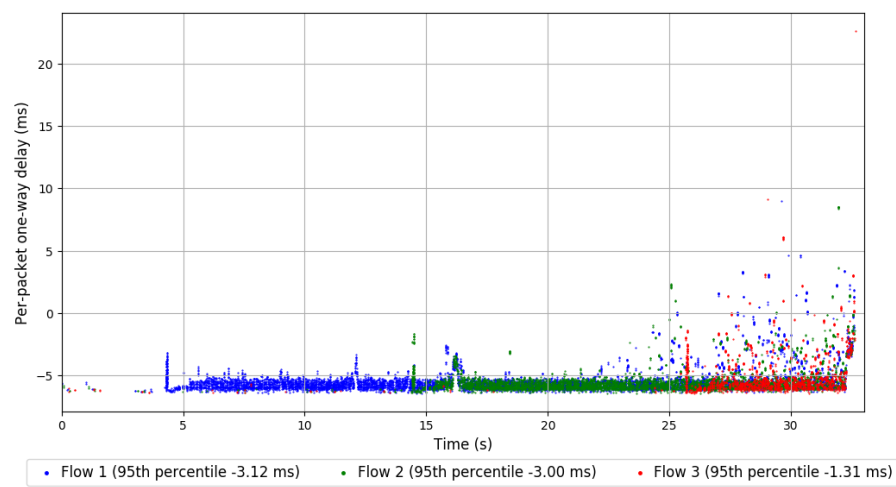
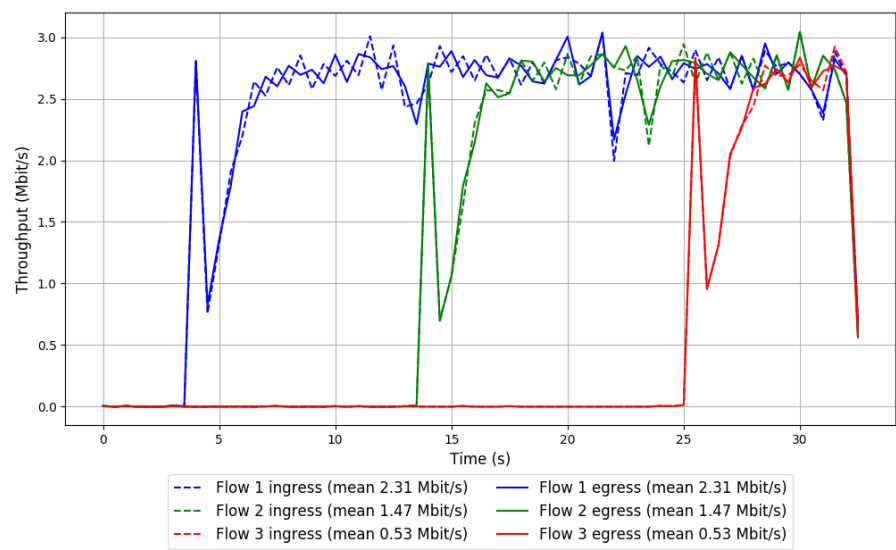


Run 1: Statistics of WebRTC media

Start at: 2018-01-26 14:01:52
End at: 2018-01-26 14:02:22
Local clock offset: 1.752 ms
Remote clock offset: -14.498 ms

Below is generated by plot.py at 2018-01-26 17:37:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.30 Mbit/s
95th percentile per-packet one-way delay: -2.722 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: -3.118 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: -3.002 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.53 Mbit/s
95th percentile per-packet one-way delay: -1.310 ms
Loss rate: 0.29%

Run 1: Report of WebRTC media — Data Link

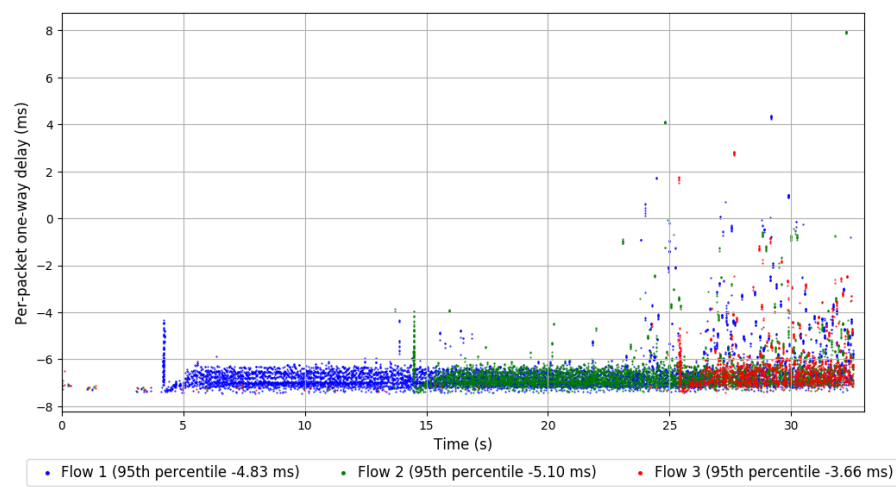
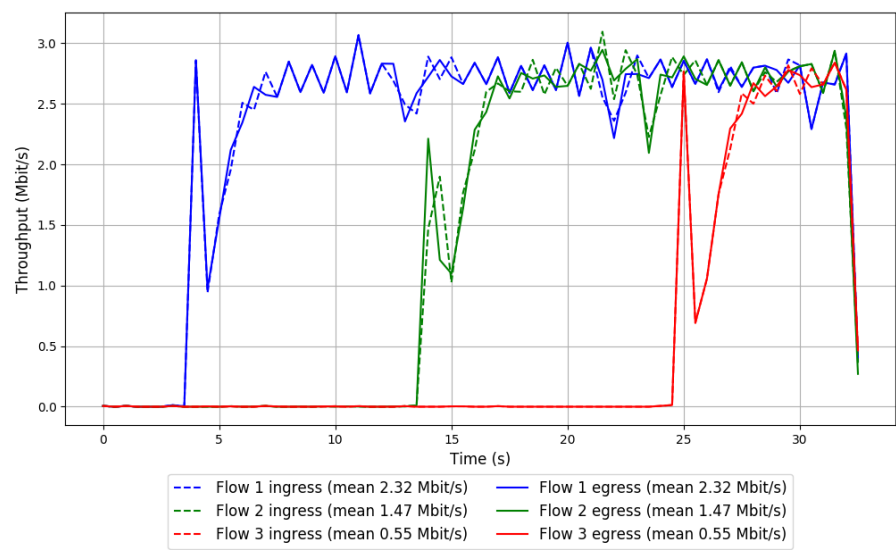


Run 2: Statistics of WebRTC media

Start at: 2018-01-26 14:22:25
End at: 2018-01-26 14:22:55
Local clock offset: 2.961 ms
Remote clock offset: -13.952 ms

Below is generated by plot.py at 2018-01-26 17:37:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.34 Mbit/s
95th percentile per-packet one-way delay: -4.713 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: -4.830 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: -5.098 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.55 Mbit/s
95th percentile per-packet one-way delay: -3.662 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

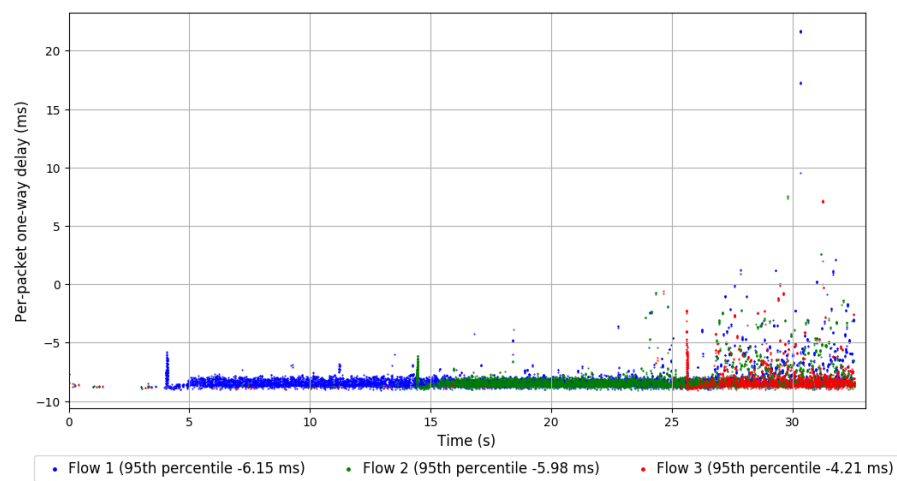
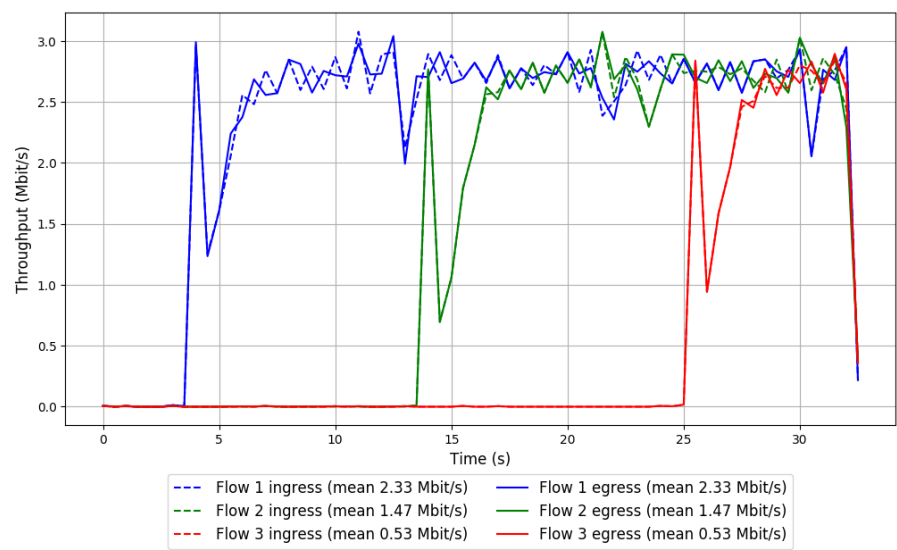


Run 3: Statistics of WebRTC media

Start at: 2018-01-26 14:42:02
End at: 2018-01-26 14:42:32
Local clock offset: 3.062 ms
Remote clock offset: -14.558 ms

Below is generated by plot.py at 2018-01-26 17:37:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.33 Mbit/s
95th percentile per-packet one-way delay: -5.835 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: -6.149 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: -5.981 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.53 Mbit/s
95th percentile per-packet one-way delay: -4.215 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

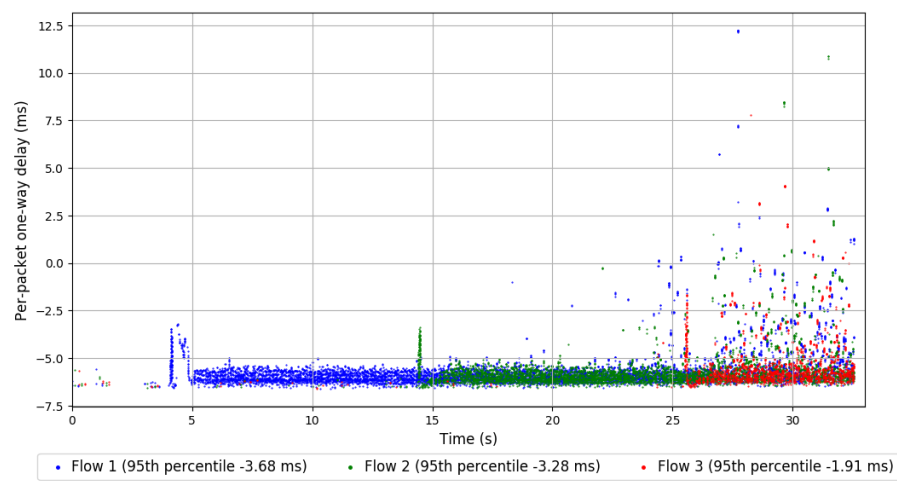
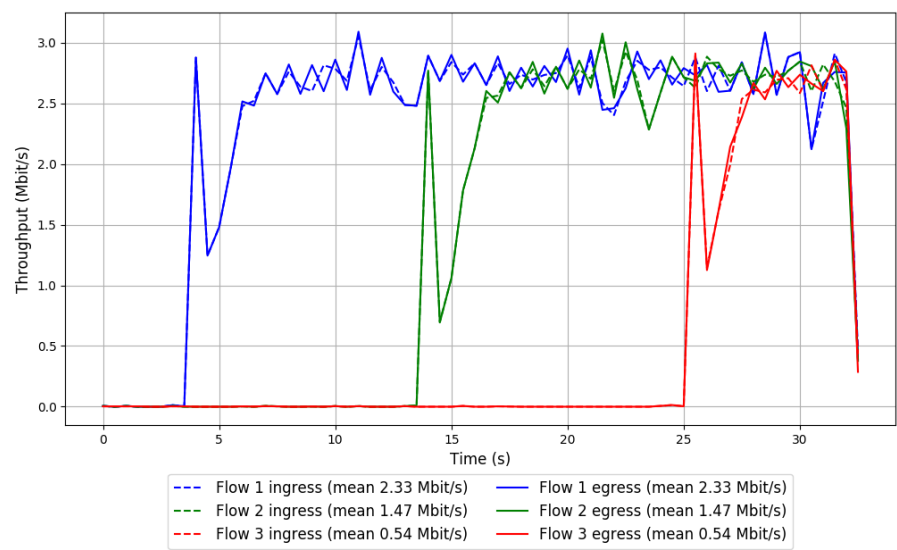


Run 4: Statistics of WebRTC media

Start at: 2018-01-26 15:02:18
End at: 2018-01-26 15:02:48
Local clock offset: 0.268 ms
Remote clock offset: -16.606 ms

Below is generated by plot.py at 2018-01-26 17:37:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.33 Mbit/s
95th percentile per-packet one-way delay: -3.147 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: -3.681 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: -3.280 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.54 Mbit/s
95th percentile per-packet one-way delay: -1.912 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

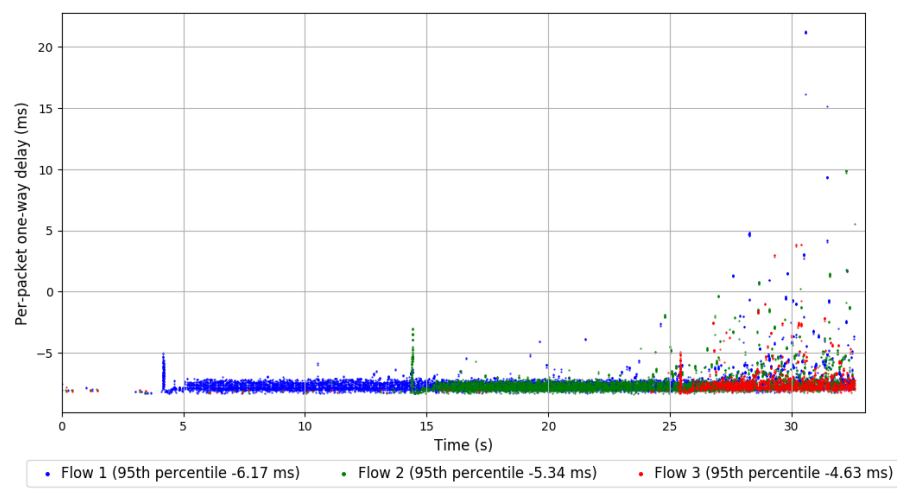
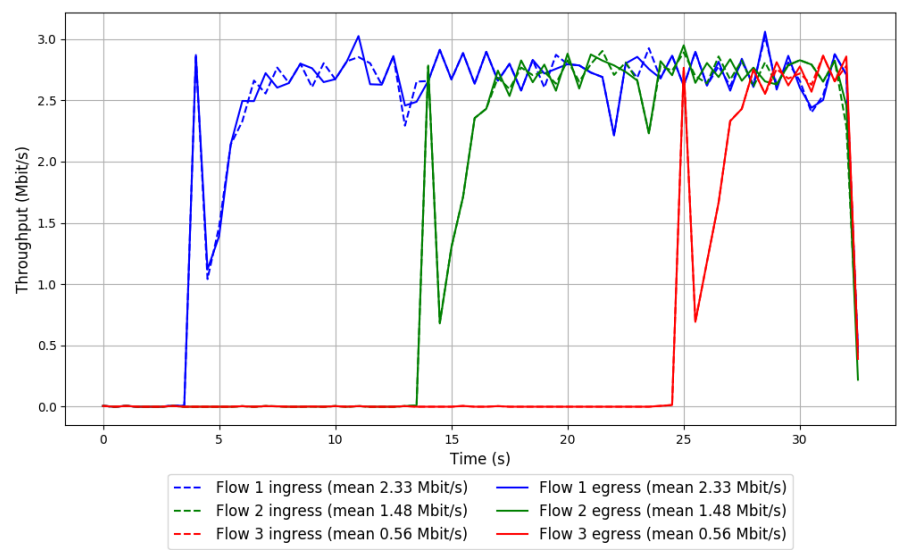


Run 5: Statistics of WebRTC media

Start at: 2018-01-26 15:21:36
End at: 2018-01-26 15:22:06
Local clock offset: 1.956 ms
Remote clock offset: -17.001 ms

Below is generated by plot.py at 2018-01-26 17:37:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.34 Mbit/s
95th percentile per-packet one-way delay: -5.666 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: -6.168 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.48 Mbit/s
95th percentile per-packet one-way delay: -5.343 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: -4.627 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

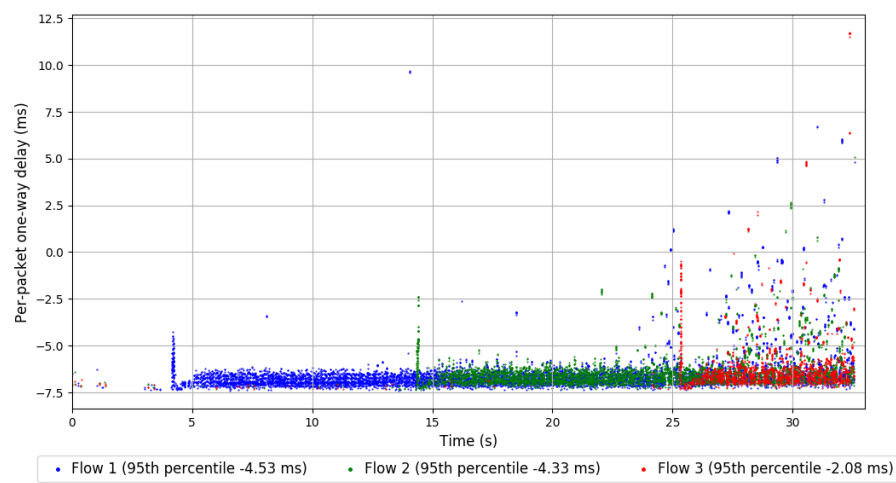
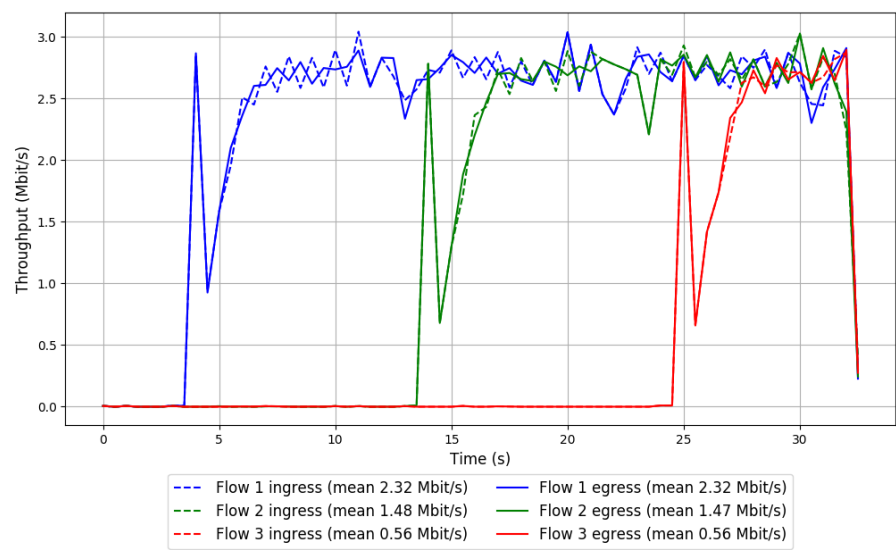


Run 6: Statistics of WebRTC media

Start at: 2018-01-26 15:40:31
End at: 2018-01-26 15:41:01
Local clock offset: 3.478 ms
Remote clock offset: -16.09 ms

Below is generated by plot.py at 2018-01-26 17:37:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.35 Mbit/s
95th percentile per-packet one-way delay: -4.051 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: -4.527 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: -4.334 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: -2.085 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

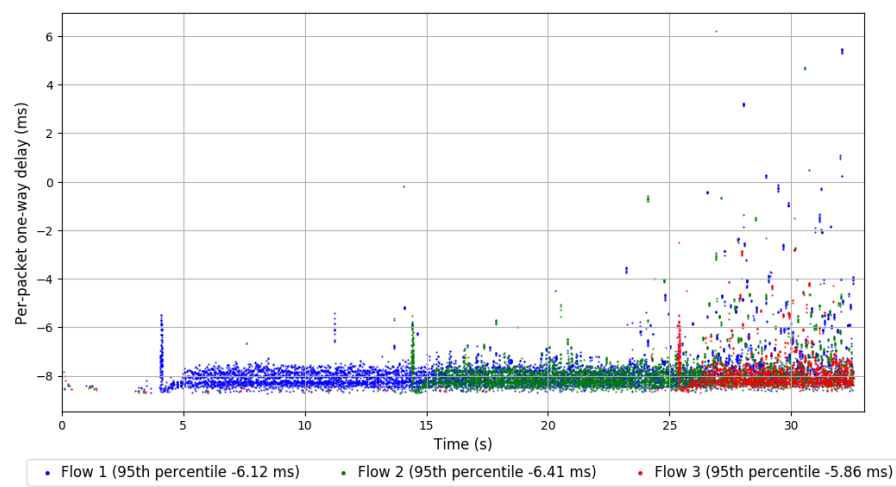
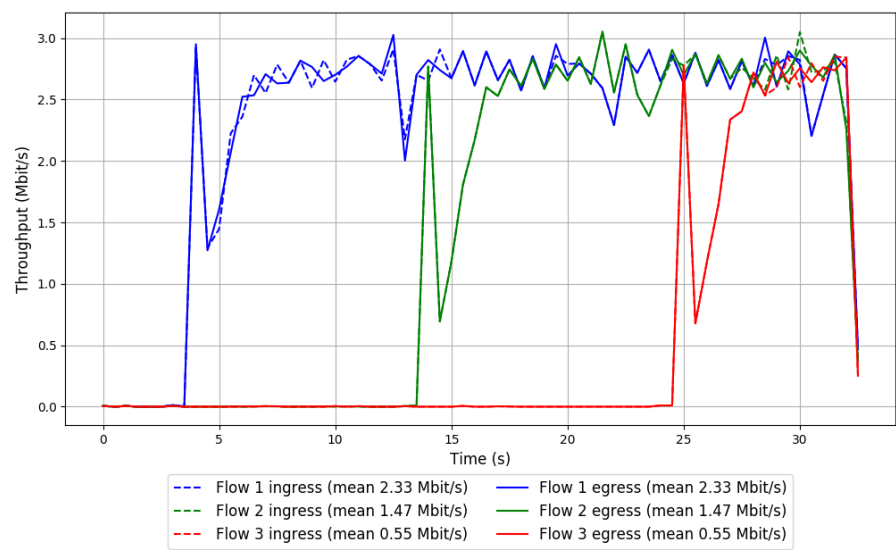


Run 7: Statistics of WebRTC media

Start at: 2018-01-26 15:59:40
End at: 2018-01-26 16:00:10
Local clock offset: 3.634 ms
Remote clock offset: -18.011 ms

Below is generated by plot.py at 2018-01-26 17:37:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.35 Mbit/s
95th percentile per-packet one-way delay: -6.129 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: -6.124 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: -6.411 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.55 Mbit/s
95th percentile per-packet one-way delay: -5.862 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

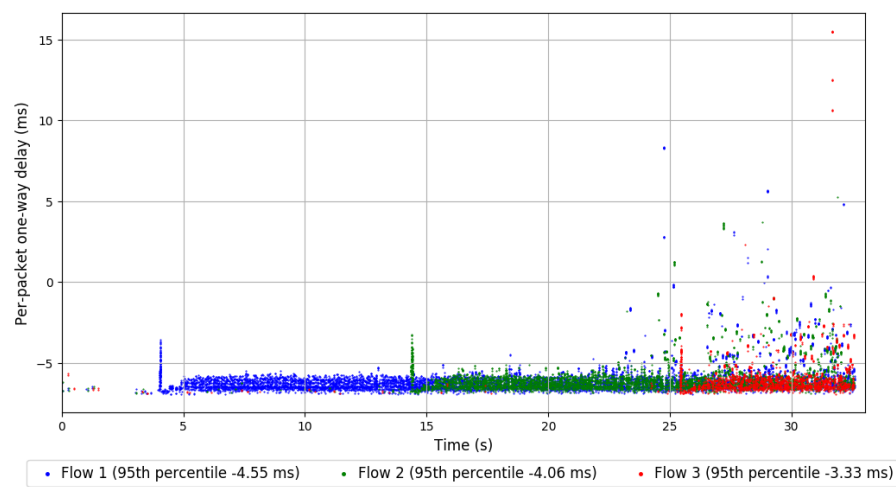
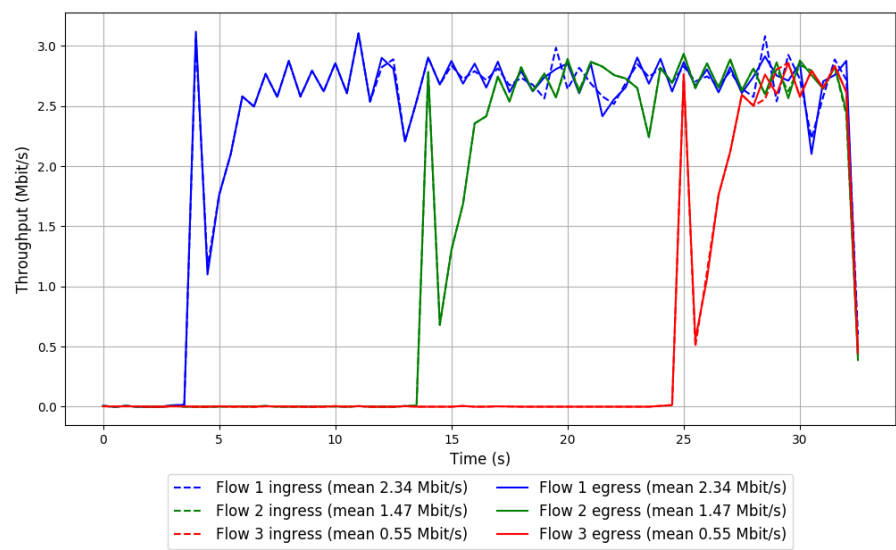


Run 8: Statistics of WebRTC media

Start at: 2018-01-26 16:19:19
End at: 2018-01-26 16:19:49
Local clock offset: 1.164 ms
Remote clock offset: -19.66 ms

Below is generated by plot.py at 2018-01-26 17:37:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.36 Mbit/s
95th percentile per-packet one-way delay: -4.191 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -4.547 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: -4.062 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.55 Mbit/s
95th percentile per-packet one-way delay: -3.331 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

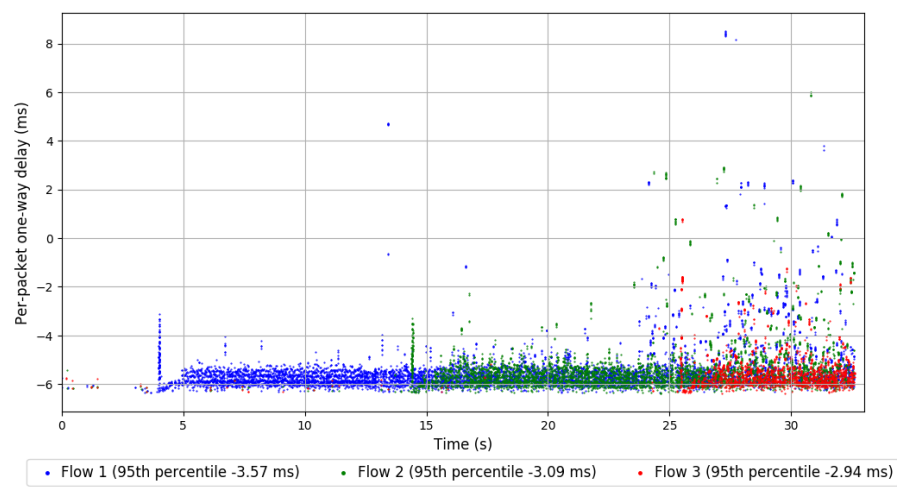
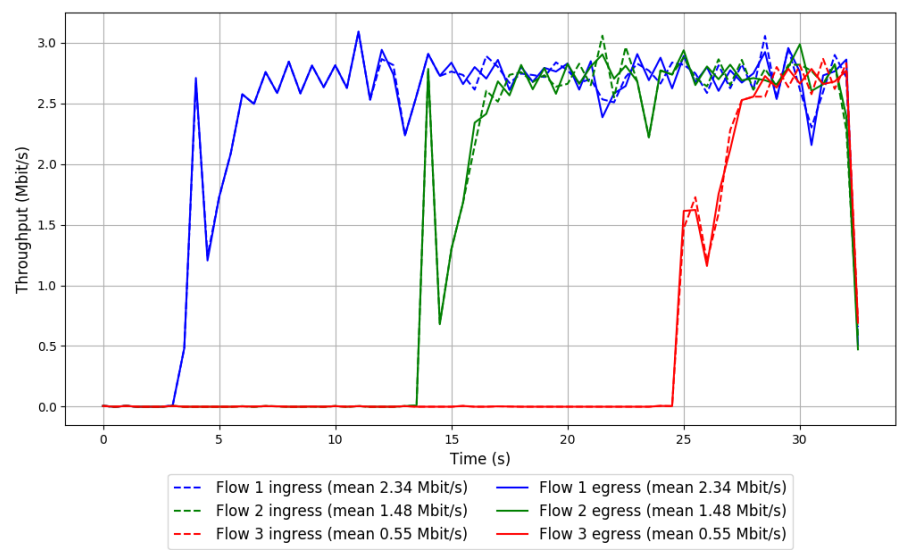


Run 9: Statistics of WebRTC media

Start at: 2018-01-26 16:38:47
End at: 2018-01-26 16:39:17
Local clock offset: 1.384 ms
Remote clock offset: -18.902 ms

Below is generated by plot.py at 2018-01-26 17:37:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.36 Mbit/s
95th percentile per-packet one-way delay: -3.250 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -3.566 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.48 Mbit/s
95th percentile per-packet one-way delay: -3.089 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.55 Mbit/s
95th percentile per-packet one-way delay: -2.937 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link

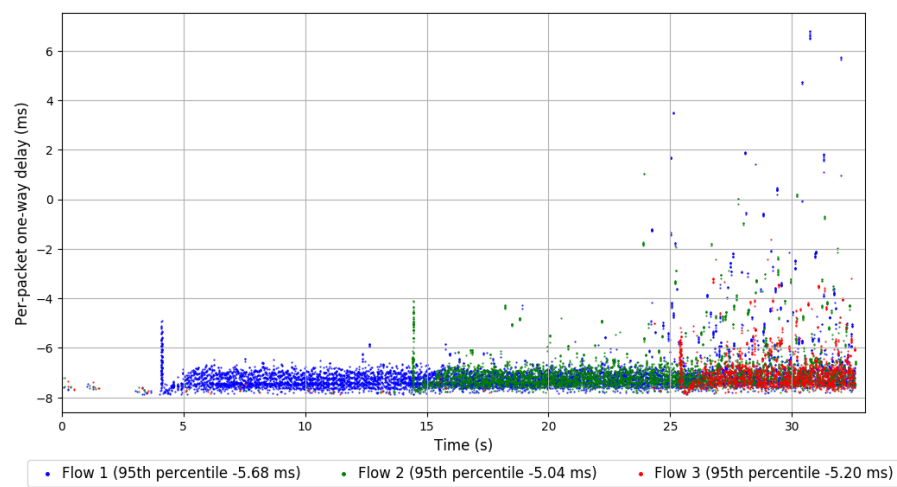
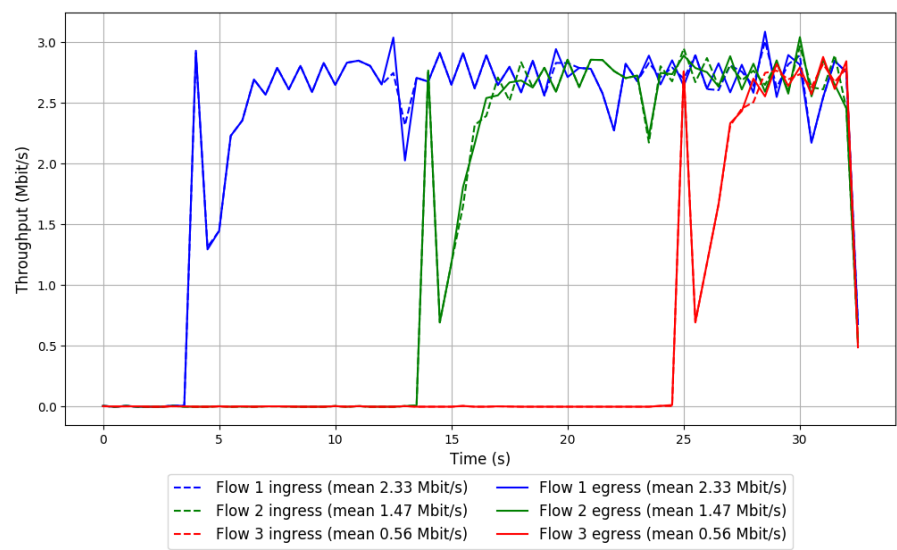


Run 10: Statistics of WebRTC media

Start at: 2018-01-26 16:57:59
End at: 2018-01-26 16:58:29
Local clock offset: 3.529 ms
Remote clock offset: -19.098 ms

Below is generated by plot.py at 2018-01-26 17:37:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.36 Mbit/s
95th percentile per-packet one-way delay: -5.345 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: -5.676 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: -5.043 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: -5.204 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

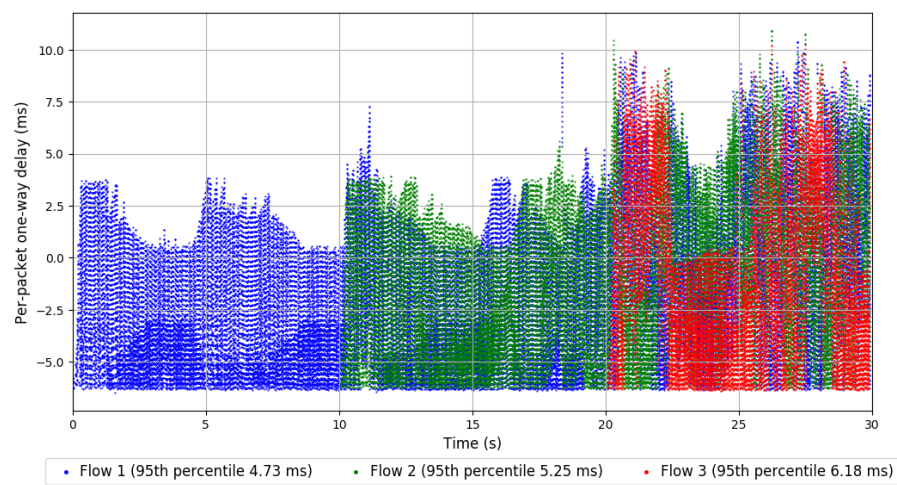
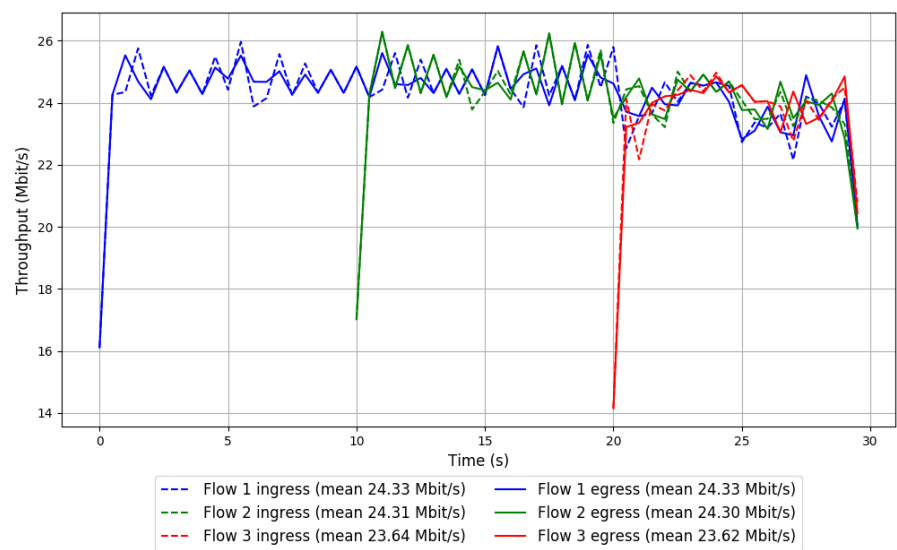


Run 1: Statistics of Sprout

Start at: 2018-01-26 14:02:58
End at: 2018-01-26 14:03:28
Local clock offset: 1.865 ms
Remote clock offset: -14.448 ms

Below is generated by plot.py at 2018-01-26 17:37:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.30 Mbit/s
95th percentile per-packet one-way delay: 5.303 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.33 Mbit/s
95th percentile per-packet one-way delay: 4.728 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.30 Mbit/s
95th percentile per-packet one-way delay: 5.245 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 23.62 Mbit/s
95th percentile per-packet one-way delay: 6.178 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

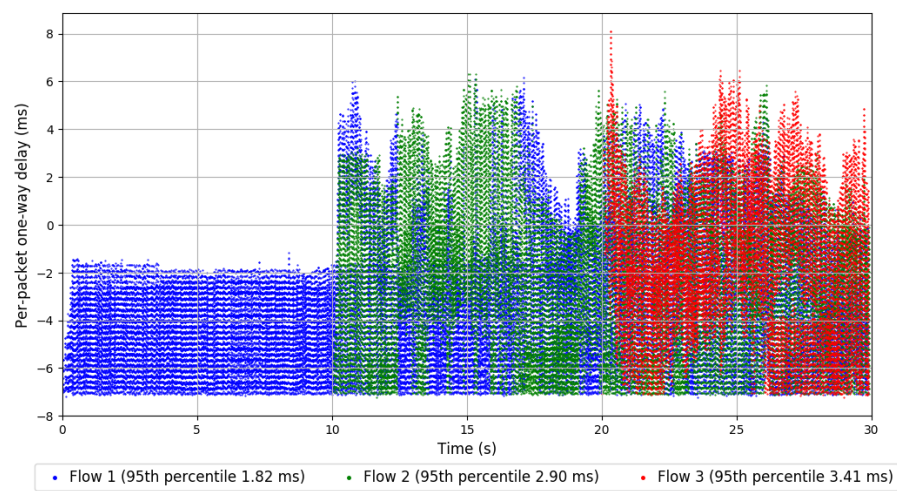
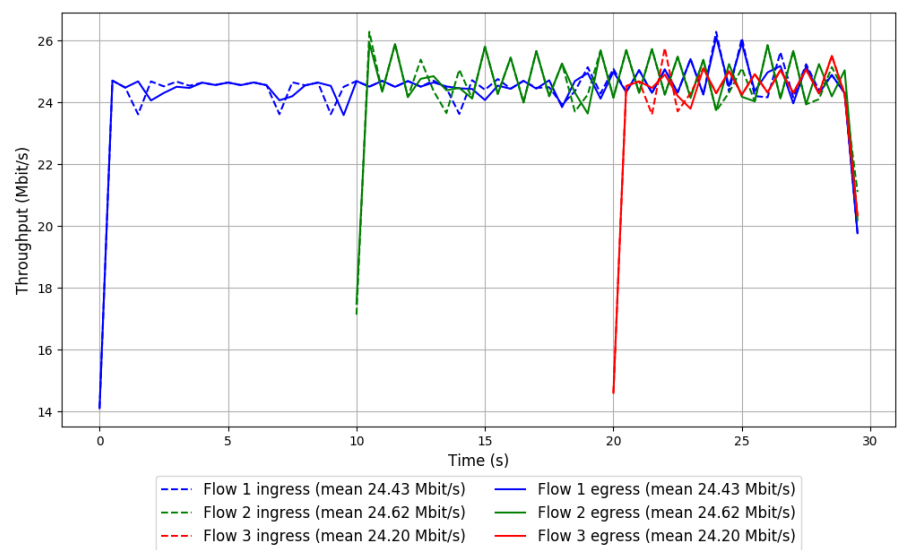


Run 2: Statistics of Sprout

Start at: 2018-01-26 14:23:31
End at: 2018-01-26 14:24:01
Local clock offset: 0.649 ms
Remote clock offset: -16.199 ms

Below is generated by plot.py at 2018-01-26 17:37:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.78 Mbit/s
95th percentile per-packet one-way delay: 2.622 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.43 Mbit/s
95th percentile per-packet one-way delay: 1.817 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.62 Mbit/s
95th percentile per-packet one-way delay: 2.903 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.20 Mbit/s
95th percentile per-packet one-way delay: 3.406 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

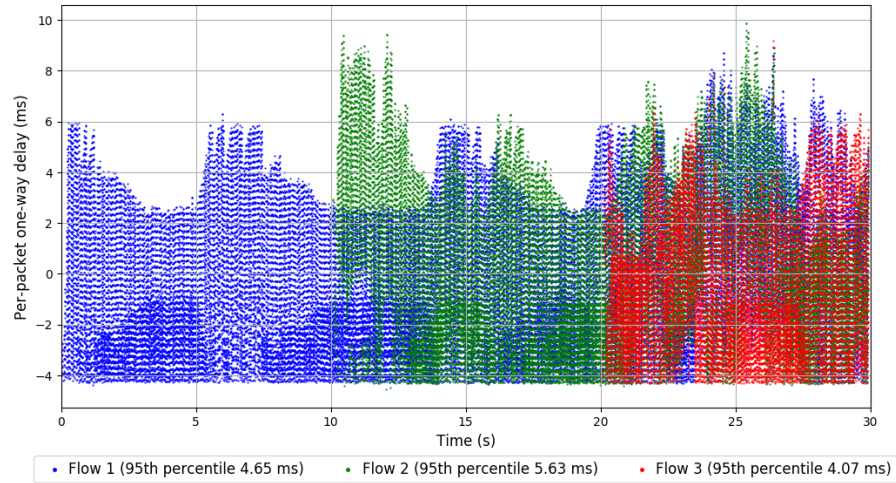
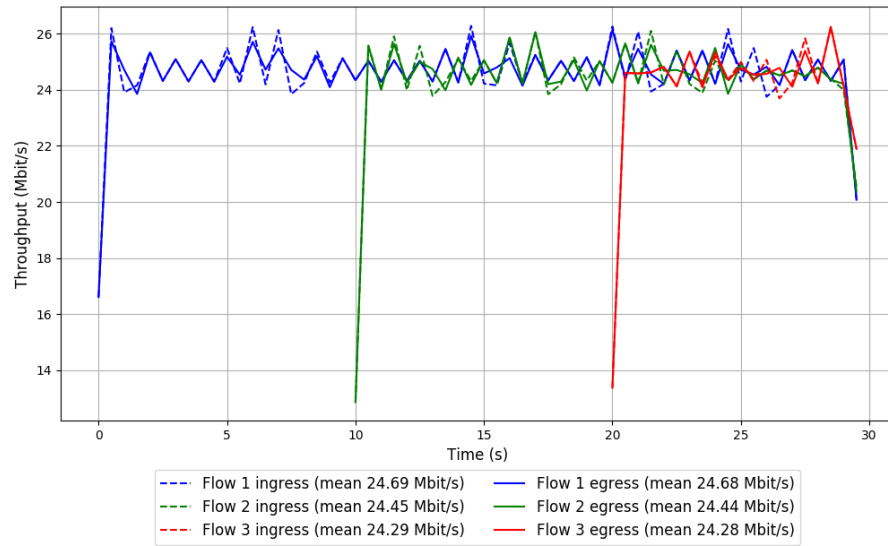


Run 3: Statistics of Sprout

Start at: 2018-01-26 14:43:08
End at: 2018-01-26 14:43:38
Local clock offset: 0.657 ms
Remote clock offset: -12.339 ms

Below is generated by plot.py at 2018-01-26 17:37:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.94 Mbit/s
95th percentile per-packet one-way delay: 4.911 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.68 Mbit/s
95th percentile per-packet one-way delay: 4.654 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.44 Mbit/s
95th percentile per-packet one-way delay: 5.633 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.28 Mbit/s
95th percentile per-packet one-way delay: 4.066 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

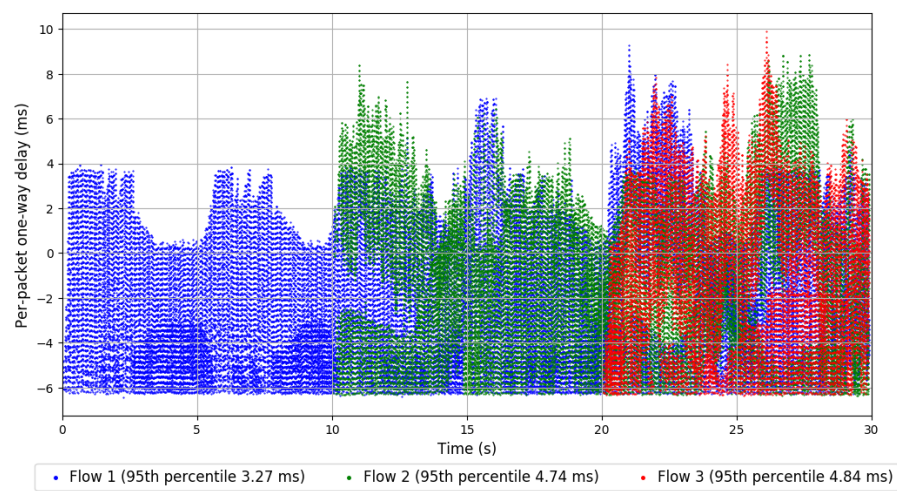
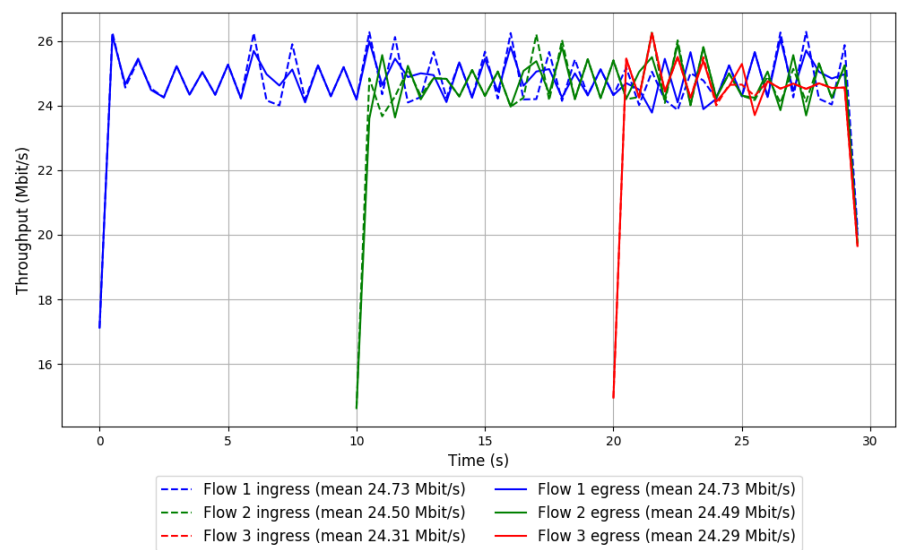


Run 4: Statistics of Sprout

Start at: 2018-01-26 15:03:23
End at: 2018-01-26 15:03:53
Local clock offset: 3.252 ms
Remote clock offset: -13.608 ms

```
# Below is generated by plot.py at 2018-01-26 17:37:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.05 Mbit/s
95th percentile per-packet one-way delay: 4.116 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.73 Mbit/s
95th percentile per-packet one-way delay: 3.265 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.49 Mbit/s
95th percentile per-packet one-way delay: 4.742 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.29 Mbit/s
95th percentile per-packet one-way delay: 4.840 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

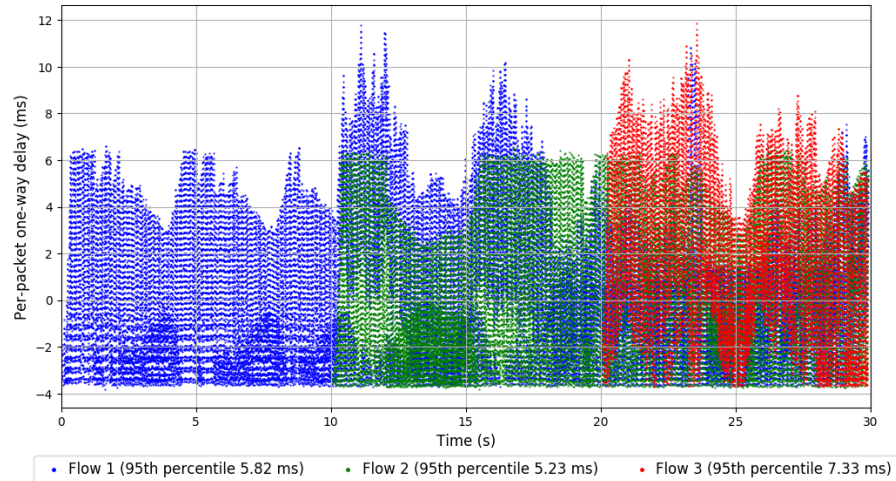
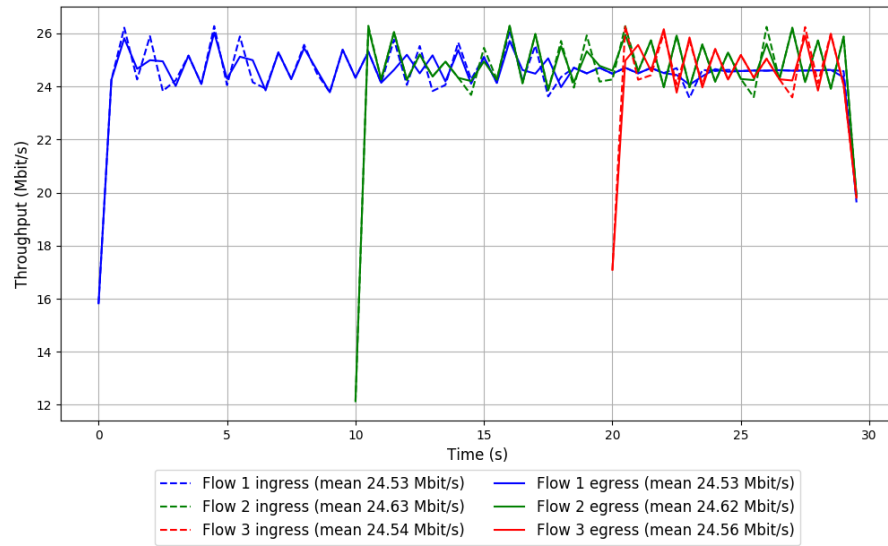


Run 5: Statistics of Sprout

Start at: 2018-01-26 15:22:42
End at: 2018-01-26 15:23:12
Local clock offset: 0.095 ms
Remote clock offset: -14.492 ms

Below is generated by plot.py at 2018-01-26 17:37:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 49.00 Mbit/s
95th percentile per-packet one-way delay: 5.910 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.53 Mbit/s
95th percentile per-packet one-way delay: 5.824 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.62 Mbit/s
95th percentile per-packet one-way delay: 5.234 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.56 Mbit/s
95th percentile per-packet one-way delay: 7.331 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

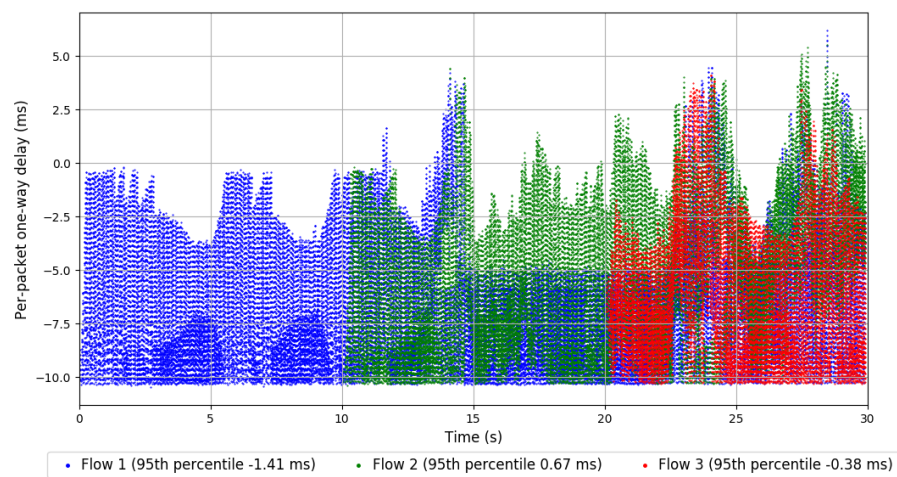
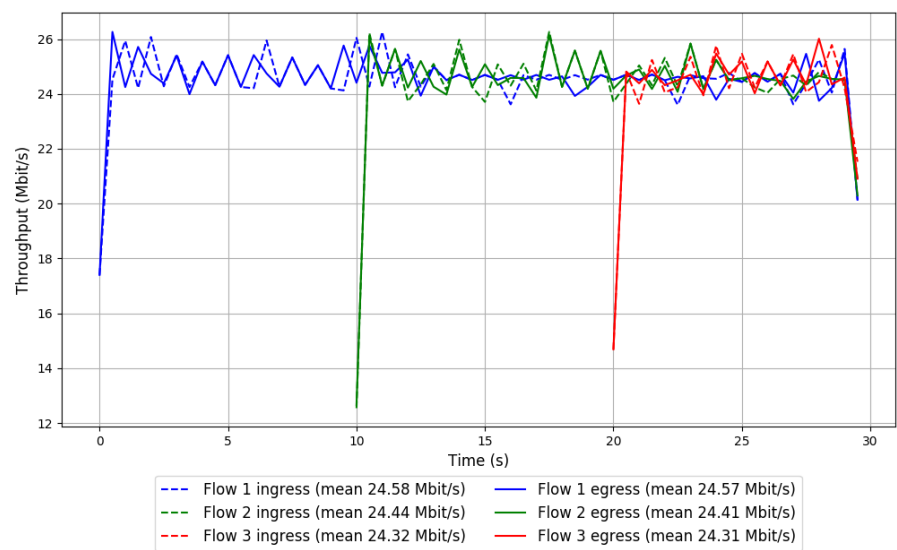


Run 6: Statistics of Sprout

Start at: 2018-01-26 15:41:37
End at: 2018-01-26 15:42:07
Local clock offset: 4.625 ms
Remote clock offset: -18.283 ms

Below is generated by plot.py at 2018-01-26 17:37:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.84 Mbit/s
95th percentile per-packet one-way delay: -0.392 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 24.57 Mbit/s
95th percentile per-packet one-way delay: -1.411 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.41 Mbit/s
95th percentile per-packet one-way delay: 0.670 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 24.31 Mbit/s
95th percentile per-packet one-way delay: -0.376 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

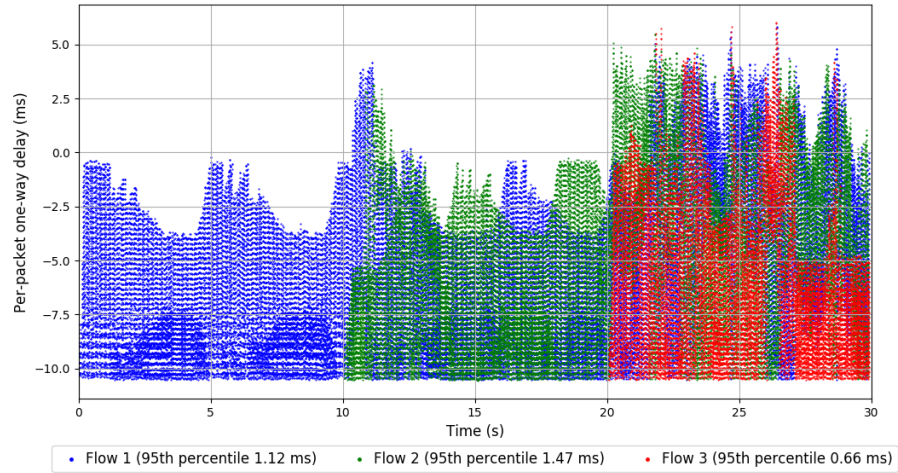
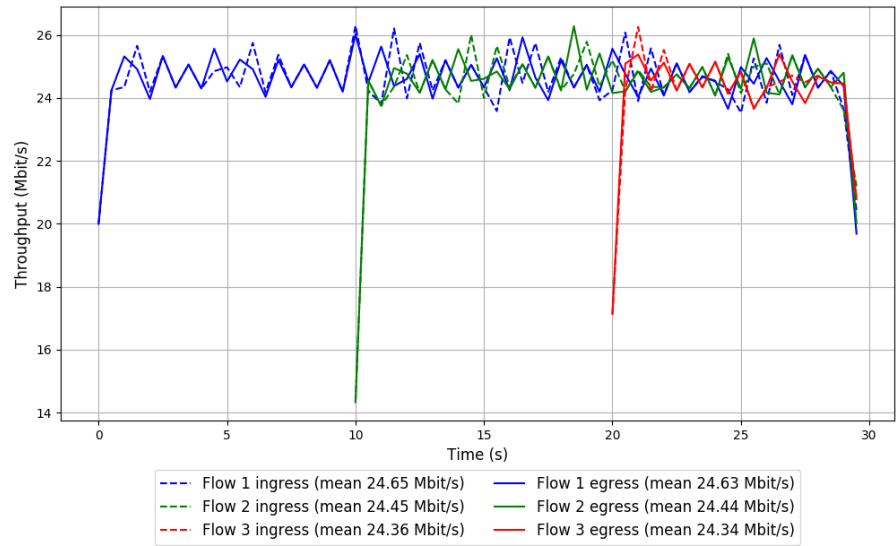


Run 7: Statistics of Sprout

Start at: 2018-01-26 16:00:46
End at: 2018-01-26 16:01:16
Local clock offset: 1.986 ms
Remote clock offset: -21.836 ms

Below is generated by plot.py at 2018-01-26 17:37:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.91 Mbit/s
95th percentile per-packet one-way delay: 1.186 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 24.63 Mbit/s
95th percentile per-packet one-way delay: 1.117 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 24.44 Mbit/s
95th percentile per-packet one-way delay: 1.465 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 24.34 Mbit/s
95th percentile per-packet one-way delay: 0.660 ms
Loss rate: 0.02%

Run 7: Report of Sprout — Data Link

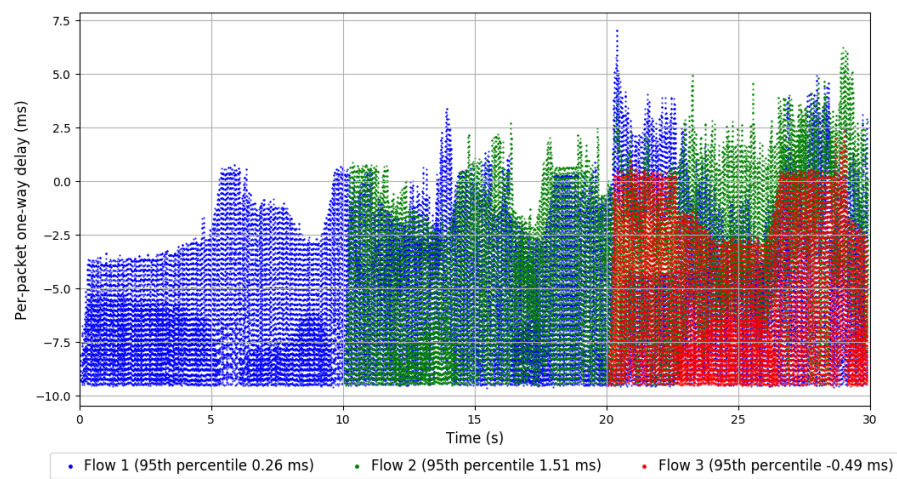
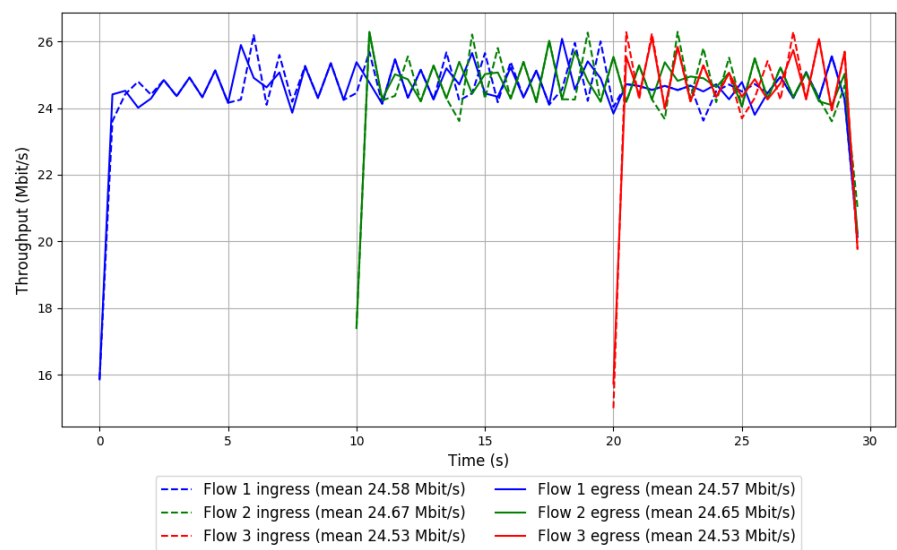


Run 8: Statistics of Sprout

Start at: 2018-01-26 16:20:25
End at: 2018-01-26 16:20:55
Local clock offset: 4.583 ms
Remote clock offset: -19.013 ms

Below is generated by plot.py at 2018-01-26 17:37:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 49.05 Mbit/s
95th percentile per-packet one-way delay: 0.656 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.57 Mbit/s
95th percentile per-packet one-way delay: 0.255 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.65 Mbit/s
95th percentile per-packet one-way delay: 1.509 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.53 Mbit/s
95th percentile per-packet one-way delay: -0.492 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

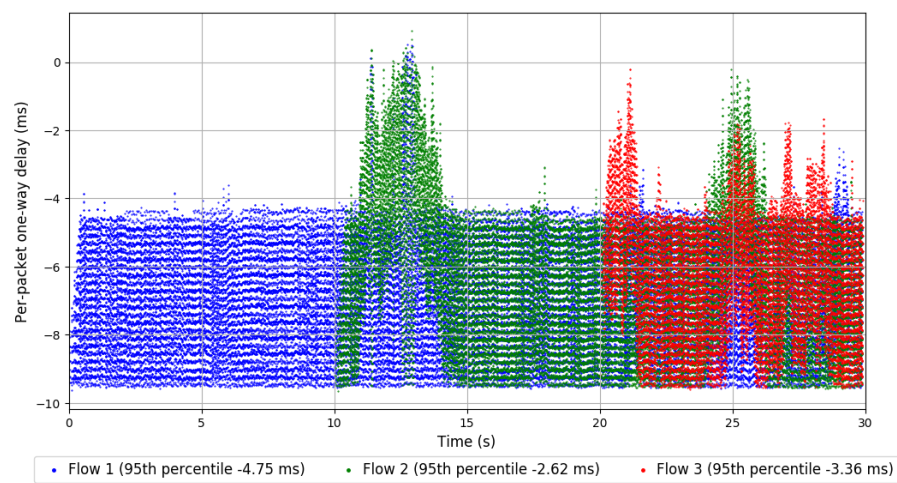
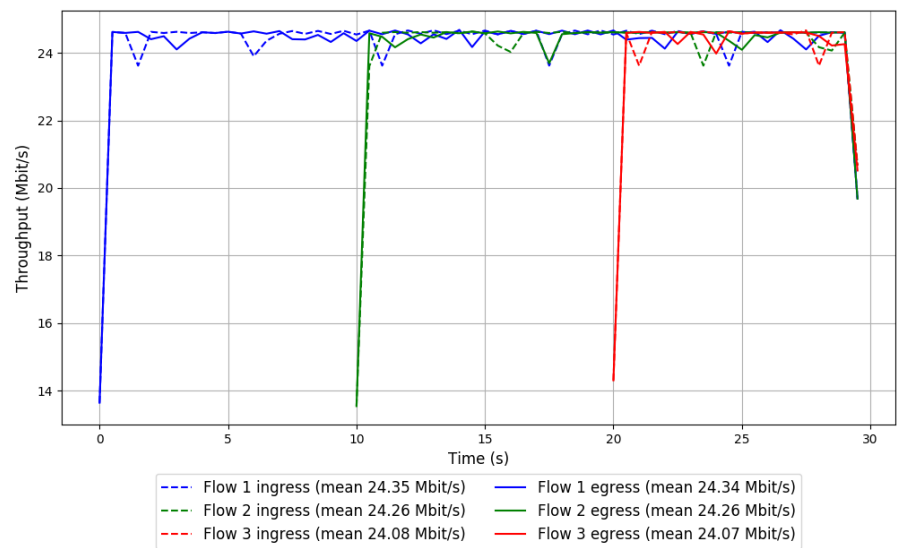


Run 9: Statistics of Sprout

Start at: 2018-01-26 16:39:53
End at: 2018-01-26 16:40:23
Local clock offset: 3.898 ms
Remote clock offset: -19.76 ms

Below is generated by plot.py at 2018-01-26 17:38:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.43 Mbit/s
95th percentile per-packet one-way delay: -3.773 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.34 Mbit/s
95th percentile per-packet one-way delay: -4.746 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.26 Mbit/s
95th percentile per-packet one-way delay: -2.625 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.07 Mbit/s
95th percentile per-packet one-way delay: -3.359 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

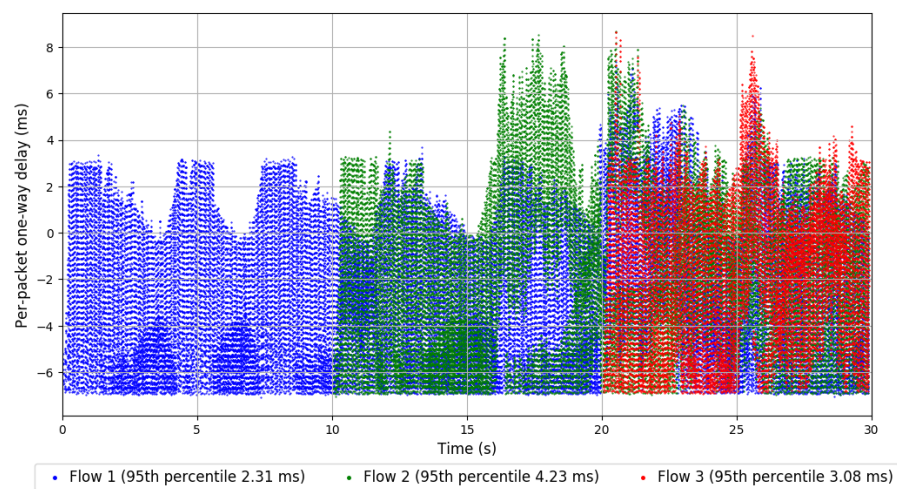
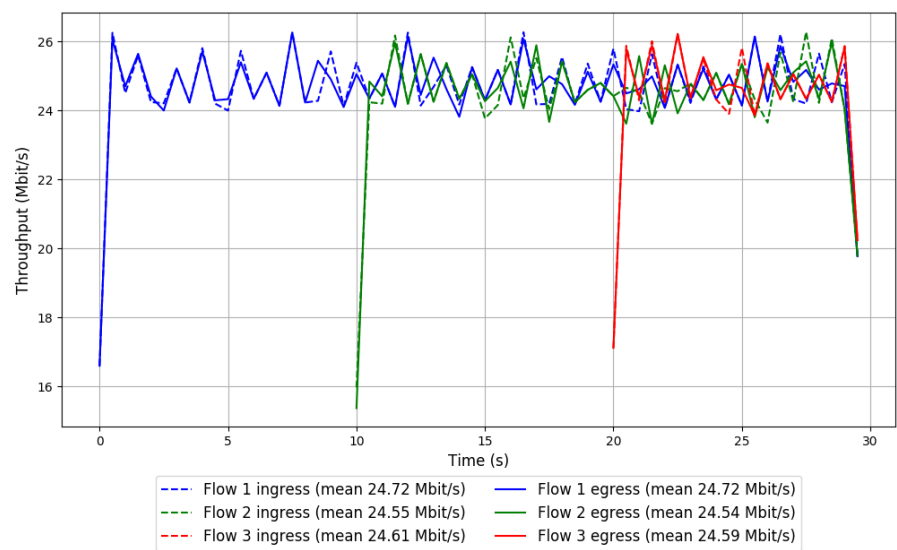


Run 10: Statistics of Sprout

Start at: 2018-01-26 16:59:05
End at: 2018-01-26 16:59:35
Local clock offset: 3.055 ms
Remote clock offset: -18.953 ms

Below is generated by plot.py at 2018-01-26 17:38:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 49.14 Mbit/s
95th percentile per-packet one-way delay: 2.976 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.72 Mbit/s
95th percentile per-packet one-way delay: 2.306 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.54 Mbit/s
95th percentile per-packet one-way delay: 4.232 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.59 Mbit/s
95th percentile per-packet one-way delay: 3.080 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

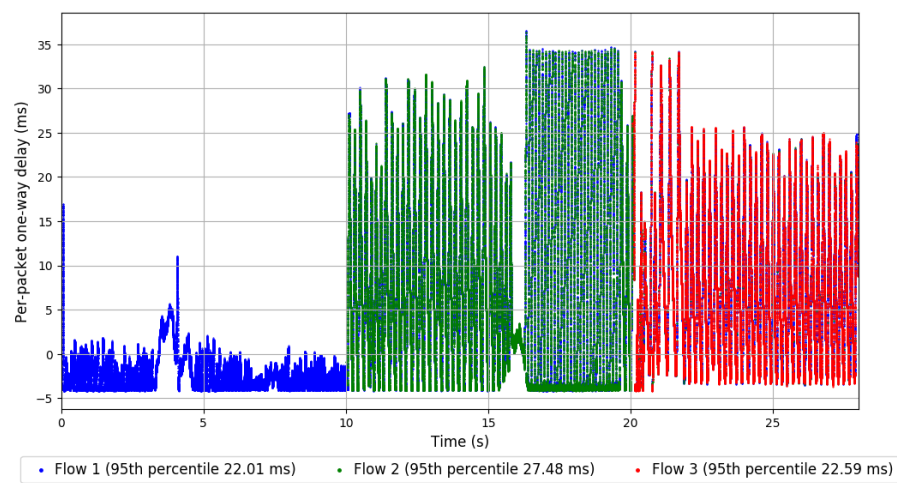
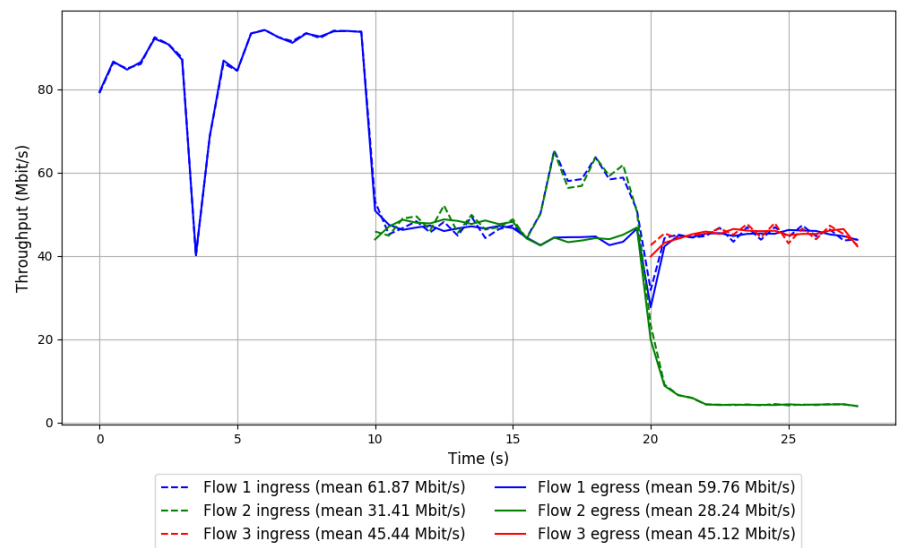


Run 1: Statistics of TaoVA-100x

Start at: 2018-01-26 13:53:04
End at: 2018-01-26 13:53:34
Local clock offset: 0.451 ms
Remote clock offset: -13.548 ms

Below is generated by plot.py at 2018-01-26 17:39:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.73 Mbit/s
95th percentile per-packet one-way delay: 23.857 ms
Loss rate: 4.41%
-- Flow 1:
Average throughput: 59.76 Mbit/s
95th percentile per-packet one-way delay: 22.008 ms
Loss rate: 3.37%
-- Flow 2:
Average throughput: 28.24 Mbit/s
95th percentile per-packet one-way delay: 27.484 ms
Loss rate: 10.05%
-- Flow 3:
Average throughput: 45.12 Mbit/s
95th percentile per-packet one-way delay: 22.590 ms
Loss rate: 0.63%

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

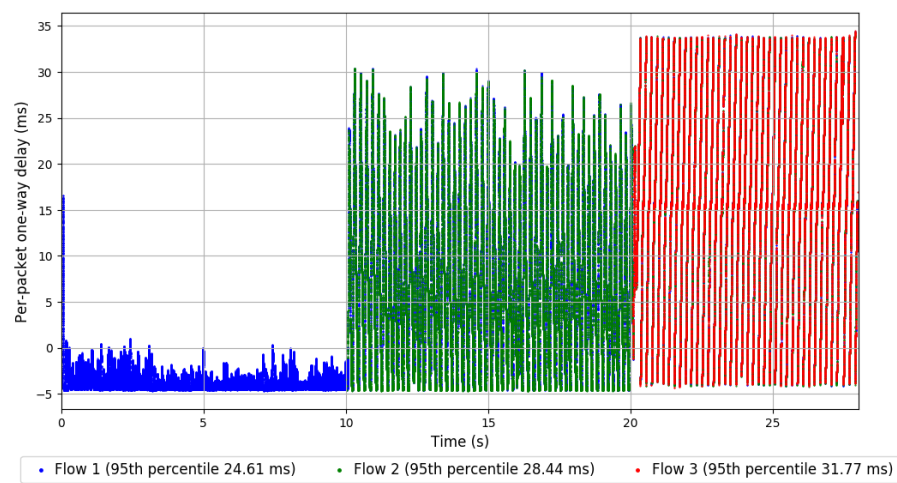
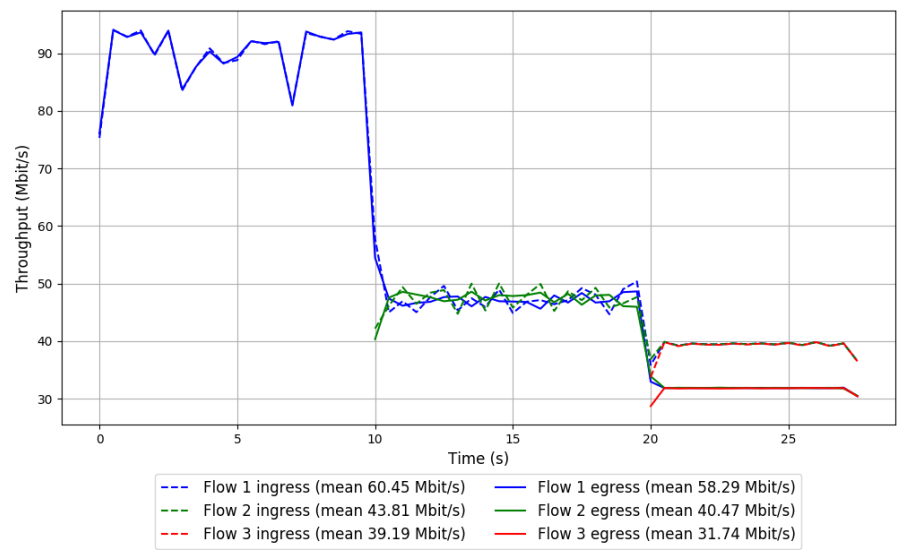


Run 2: Statistics of TaoVA-100x

Start at: 2018-01-26 14:13:23
End at: 2018-01-26 14:13:53
Local clock offset: 0.82 ms
Remote clock offset: -13.67 ms

Below is generated by plot.py at 2018-01-26 17:39:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.28 Mbit/s
95th percentile per-packet one-way delay: 27.510 ms
Loss rate: 6.37%
-- Flow 1:
Average throughput: 58.29 Mbit/s
95th percentile per-packet one-way delay: 24.605 ms
Loss rate: 3.50%
-- Flow 2:
Average throughput: 40.47 Mbit/s
95th percentile per-packet one-way delay: 28.437 ms
Loss rate: 7.53%
-- Flow 3:
Average throughput: 31.74 Mbit/s
95th percentile per-packet one-way delay: 31.772 ms
Loss rate: 19.01%

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

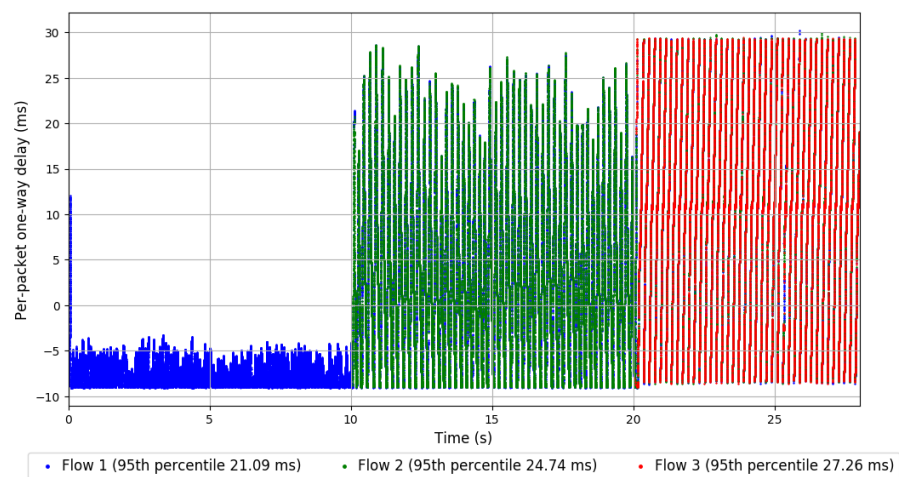
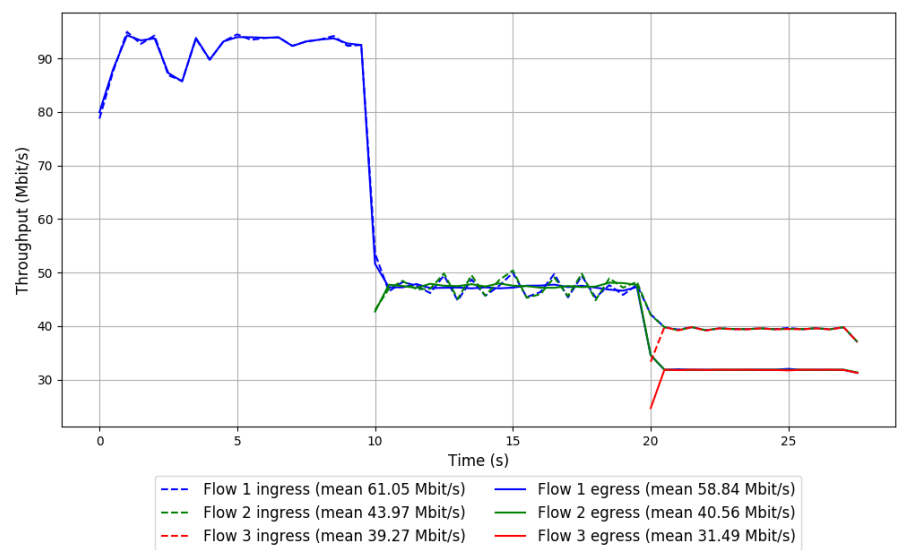


Run 3: Statistics of TaoVA-100x

Start at: 2018-01-26 14:33:30
End at: 2018-01-26 14:34:00
Local clock offset: 3.695 ms
Remote clock offset: -14.996 ms

Below is generated by plot.py at 2018-01-26 17:40:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.84 Mbit/s
95th percentile per-packet one-way delay: 23.677 ms
Loss rate: 6.46%
-- Flow 1:
Average throughput: 58.84 Mbit/s
95th percentile per-packet one-way delay: 21.091 ms
Loss rate: 3.53%
-- Flow 2:
Average throughput: 40.56 Mbit/s
95th percentile per-packet one-way delay: 24.741 ms
Loss rate: 7.63%
-- Flow 3:
Average throughput: 31.49 Mbit/s
95th percentile per-packet one-way delay: 27.259 ms
Loss rate: 19.55%

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

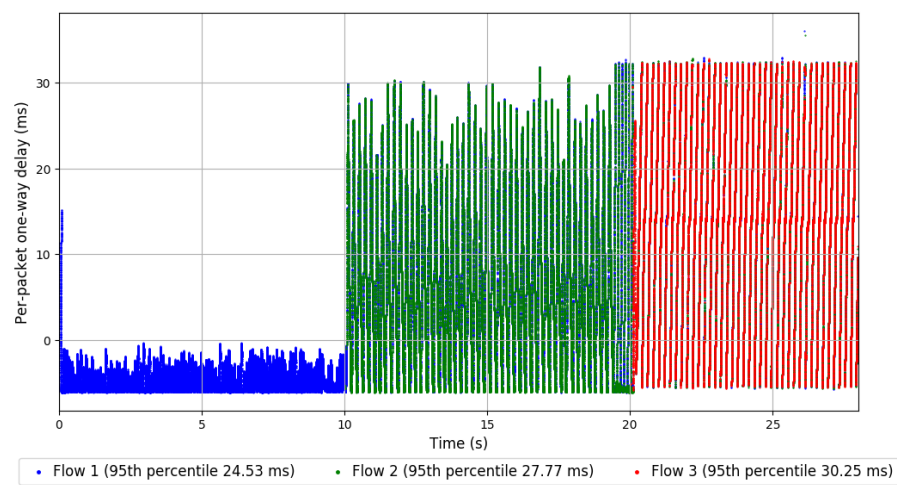
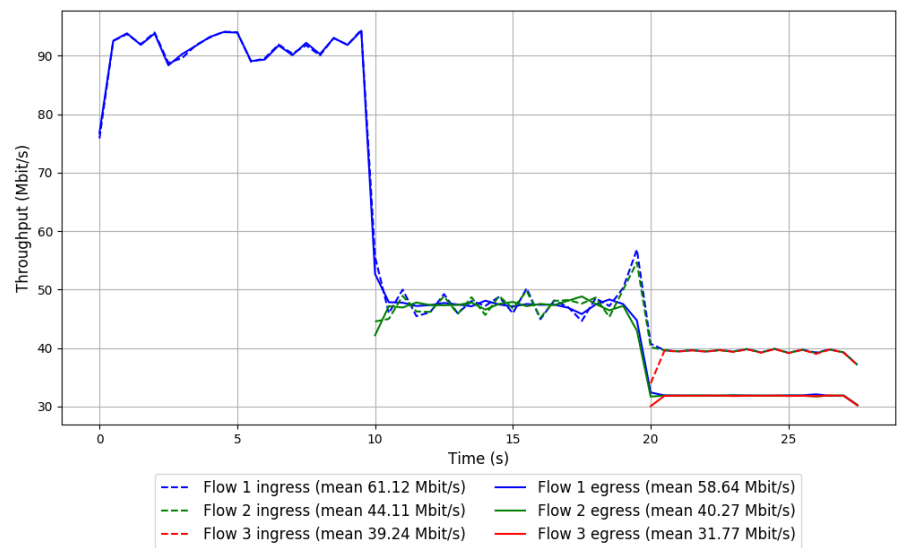


Run 4: Statistics of TaoVA-100x

Start at: 2018-01-26 14:53:34
End at: 2018-01-26 14:54:04
Local clock offset: 0.142 ms
Remote clock offset: -15.423 ms

Below is generated by plot.py at 2018-01-26 17:40:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.53 Mbit/s
95th percentile per-packet one-way delay: 26.811 ms
Loss rate: 6.94%
-- Flow 1:
Average throughput: 58.64 Mbit/s
95th percentile per-packet one-way delay: 24.527 ms
Loss rate: 3.99%
-- Flow 2:
Average throughput: 40.27 Mbit/s
95th percentile per-packet one-way delay: 27.770 ms
Loss rate: 8.62%
-- Flow 3:
Average throughput: 31.77 Mbit/s
95th percentile per-packet one-way delay: 30.254 ms
Loss rate: 18.87%

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

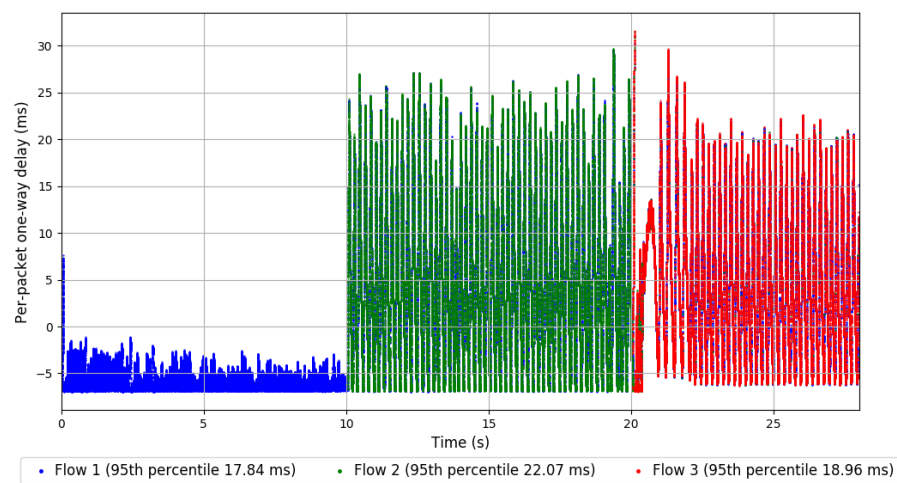
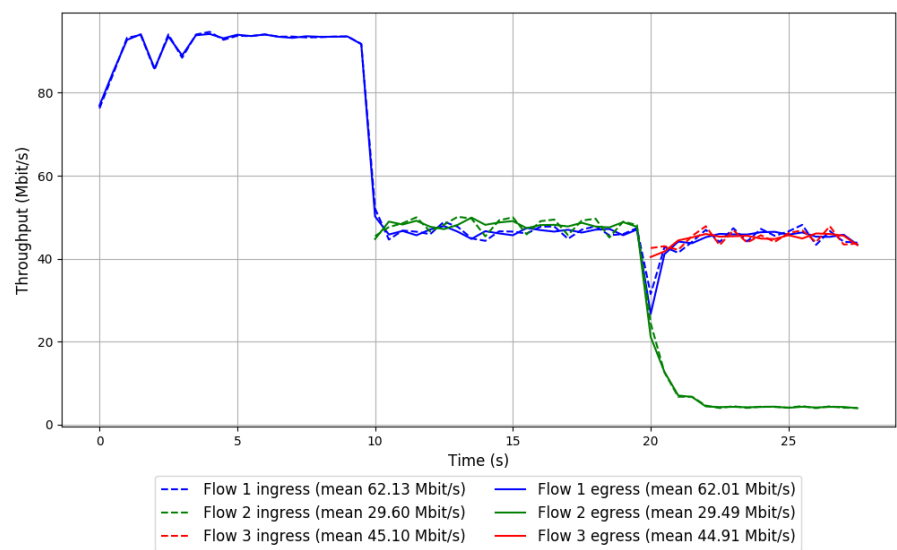


Run 5: Statistics of TaoVA-100x

Start at: 2018-01-26 15:13:14
End at: 2018-01-26 15:13:44
Local clock offset: 2.68 ms
Remote clock offset: -14.987 ms

Below is generated by plot.py at 2018-01-26 17:40:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.72 Mbit/s
95th percentile per-packet one-way delay: 19.352 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 62.01 Mbit/s
95th percentile per-packet one-way delay: 17.841 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 29.49 Mbit/s
95th percentile per-packet one-way delay: 22.071 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 44.91 Mbit/s
95th percentile per-packet one-way delay: 18.964 ms
Loss rate: 0.24%

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

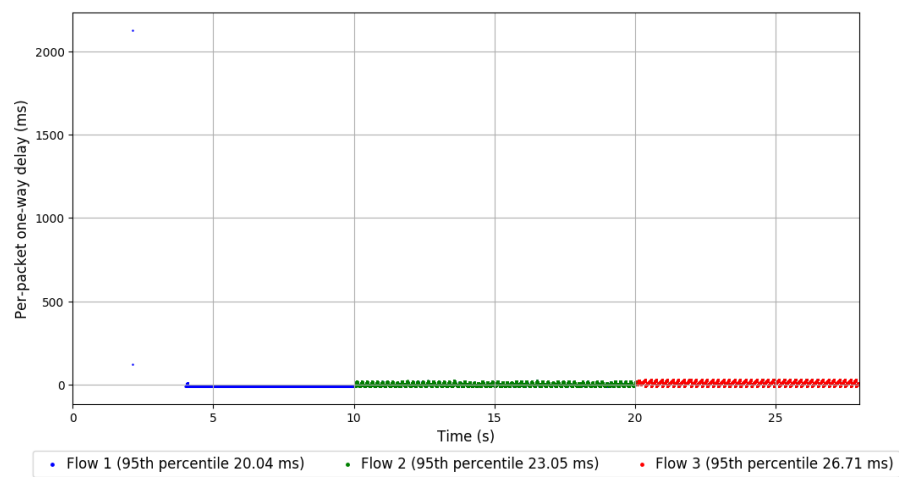
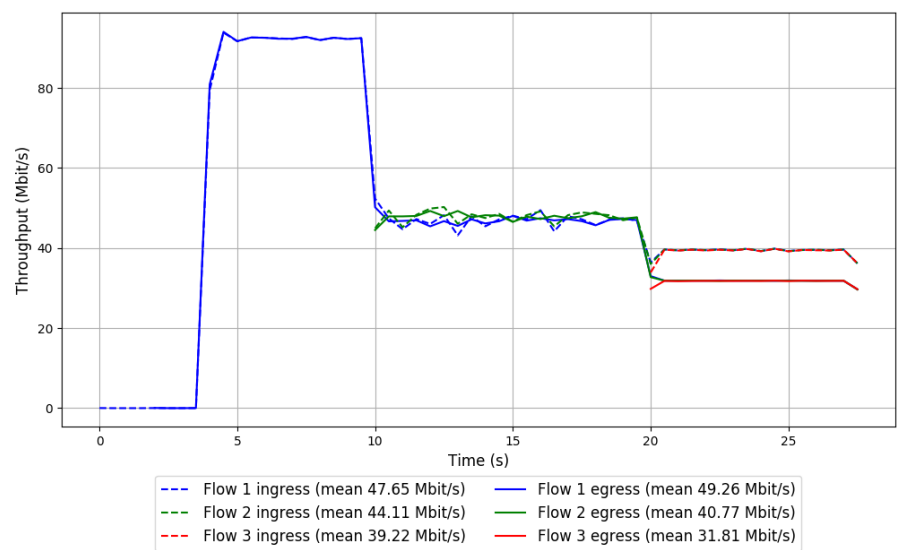


Run 6: Statistics of TaoVA-100x

Start at: 2018-01-26 15:32:17
End at: 2018-01-26 15:32:47
Local clock offset: 4.916 ms
Remote clock offset: -16.352 ms

Below is generated by plot.py at 2018-01-26 17:40:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.35 Mbit/s
95th percentile per-packet one-way delay: 22.893 ms
Loss rate: 7.29%
-- Flow 1:
Average throughput: 49.26 Mbit/s
95th percentile per-packet one-way delay: 20.044 ms
Loss rate: 4.44%
-- Flow 2:
Average throughput: 40.77 Mbit/s
95th percentile per-packet one-way delay: 23.054 ms
Loss rate: 7.48%
-- Flow 3:
Average throughput: 31.81 Mbit/s
95th percentile per-packet one-way delay: 26.708 ms
Loss rate: 18.99%

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

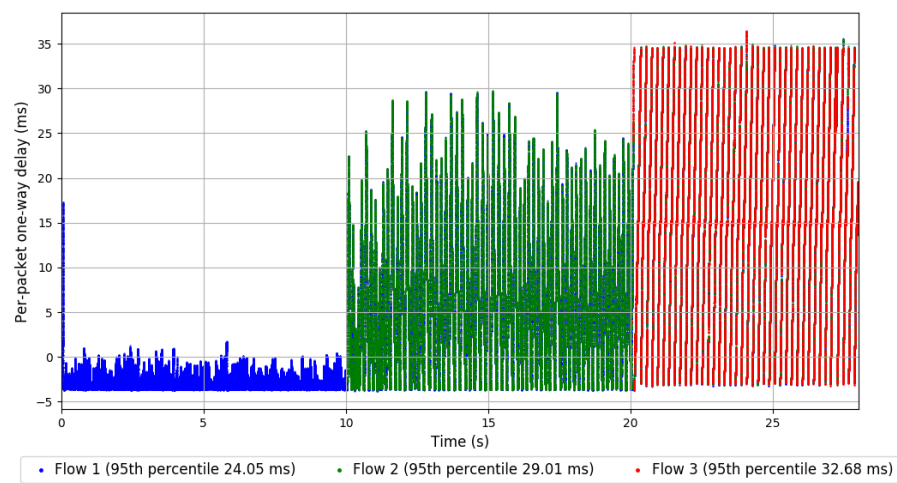
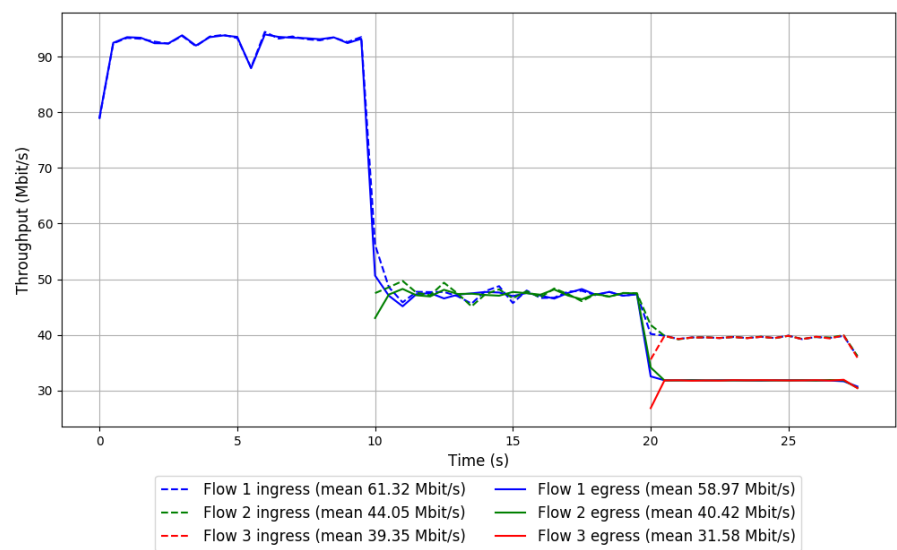


Run 7: Statistics of TaoVA-100x

Start at: 2018-01-26 15:51:25
End at: 2018-01-26 15:51:55
Local clock offset: 0.838 ms
Remote clock offset: -16.078 ms

Below is generated by plot.py at 2018-01-26 17:40:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.93 Mbit/s
95th percentile per-packet one-way delay: 27.971 ms
Loss rate: 6.73%
-- Flow 1:
Average throughput: 58.97 Mbit/s
95th percentile per-packet one-way delay: 24.047 ms
Loss rate: 3.76%
-- Flow 2:
Average throughput: 40.42 Mbit/s
95th percentile per-packet one-way delay: 29.010 ms
Loss rate: 8.13%
-- Flow 3:
Average throughput: 31.58 Mbit/s
95th percentile per-packet one-way delay: 32.680 ms
Loss rate: 19.54%

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

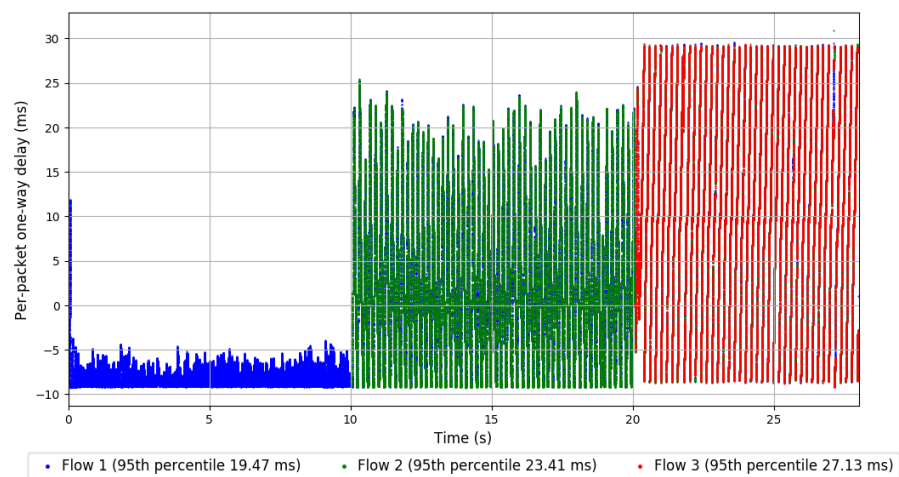
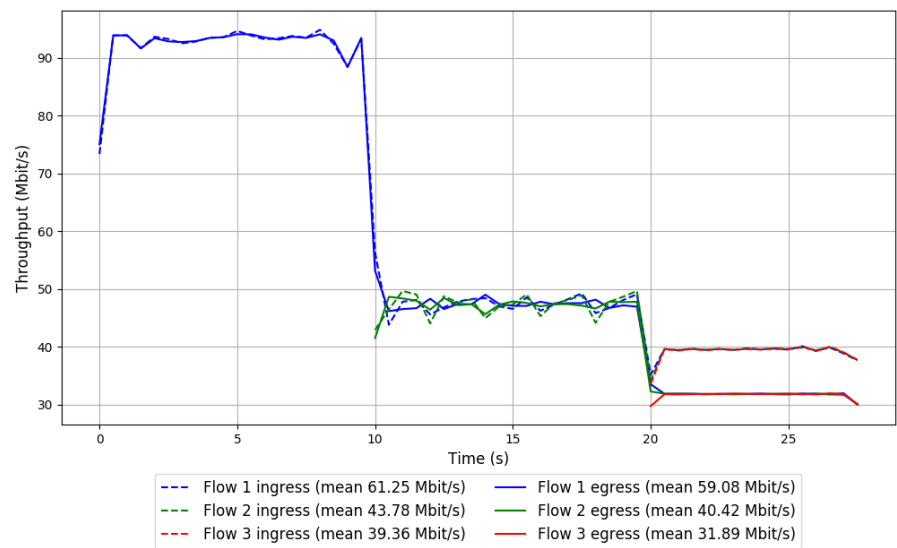


Run 8: Statistics of TaoVA-100x

Start at: 2018-01-26 16:10:42
End at: 2018-01-26 16:11:12
Local clock offset: 3.812 ms
Remote clock offset: -19.22 ms

Below is generated by plot.py at 2018-01-26 17:40:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.05 Mbit/s
95th percentile per-packet one-way delay: 22.382 ms
Loss rate: 6.40%
-- Flow 1:
Average throughput: 59.08 Mbit/s
95th percentile per-packet one-way delay: 19.470 ms
Loss rate: 3.52%
-- Flow 2:
Average throughput: 40.42 Mbit/s
95th percentile per-packet one-way delay: 23.411 ms
Loss rate: 7.63%
-- Flow 3:
Average throughput: 31.89 Mbit/s
95th percentile per-packet one-way delay: 27.127 ms
Loss rate: 19.13%

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

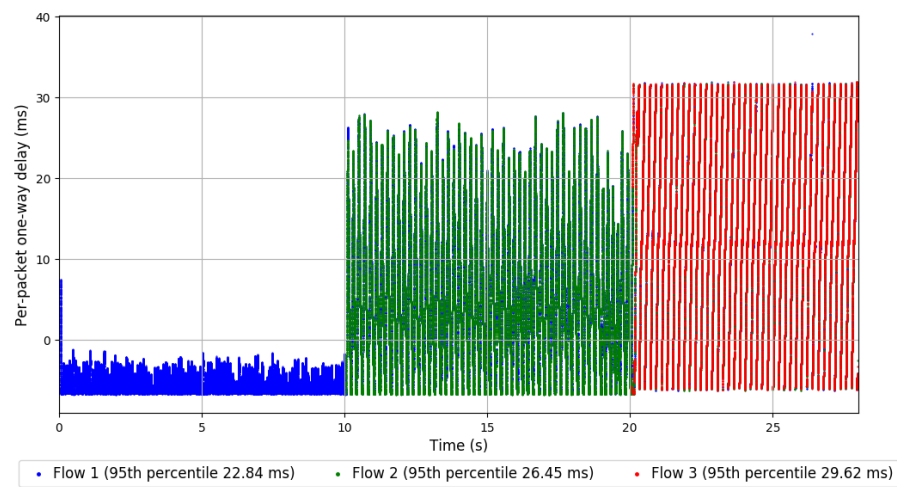
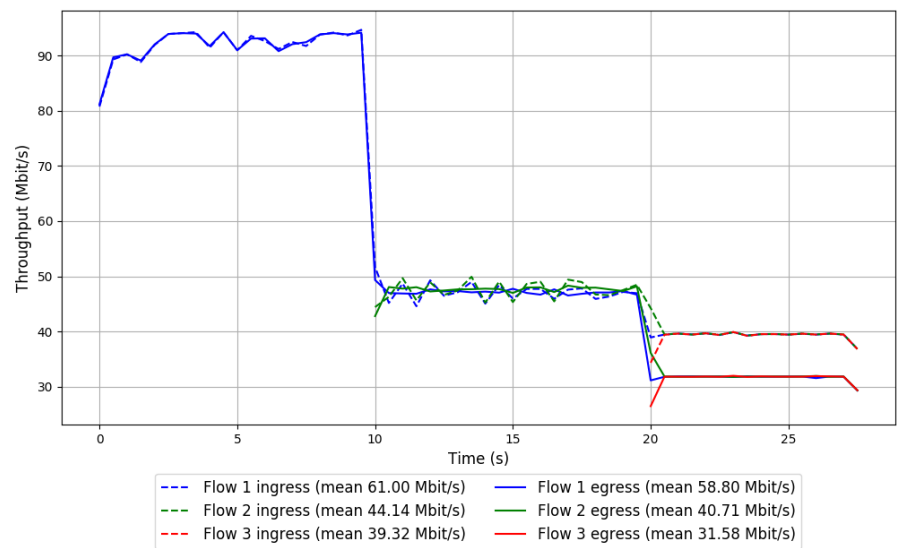


Run 9: Statistics of TaoVA-100x

Start at: 2018-01-26 16:30:20
End at: 2018-01-26 16:30:50
Local clock offset: 1.619 ms
Remote clock offset: -19.441 ms

Below is generated by plot.py at 2018-01-26 17:42:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.89 Mbit/s
95th percentile per-packet one-way delay: 25.609 ms
Loss rate: 6.56%
-- Flow 1:
Average throughput: 58.80 Mbit/s
95th percentile per-packet one-way delay: 22.836 ms
Loss rate: 3.60%
-- Flow 2:
Average throughput: 40.71 Mbit/s
95th percentile per-packet one-way delay: 26.449 ms
Loss rate: 7.77%
-- Flow 3:
Average throughput: 31.58 Mbit/s
95th percentile per-packet one-way delay: 29.622 ms
Loss rate: 19.66%

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

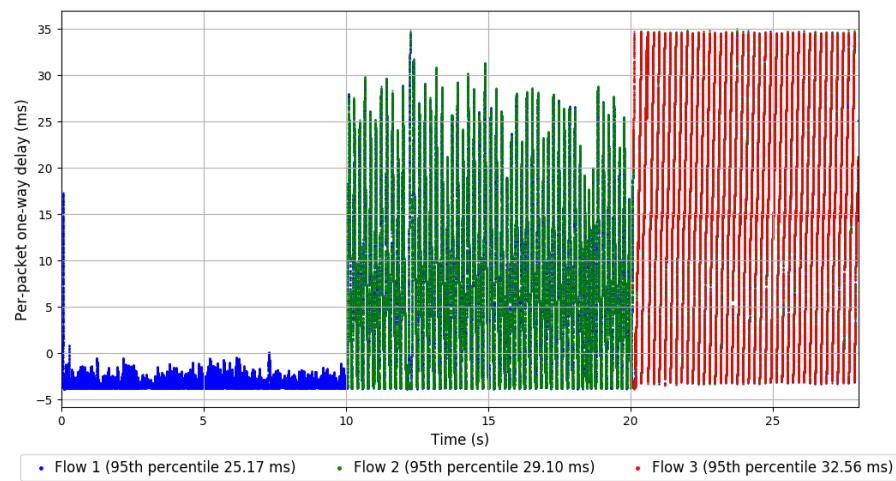
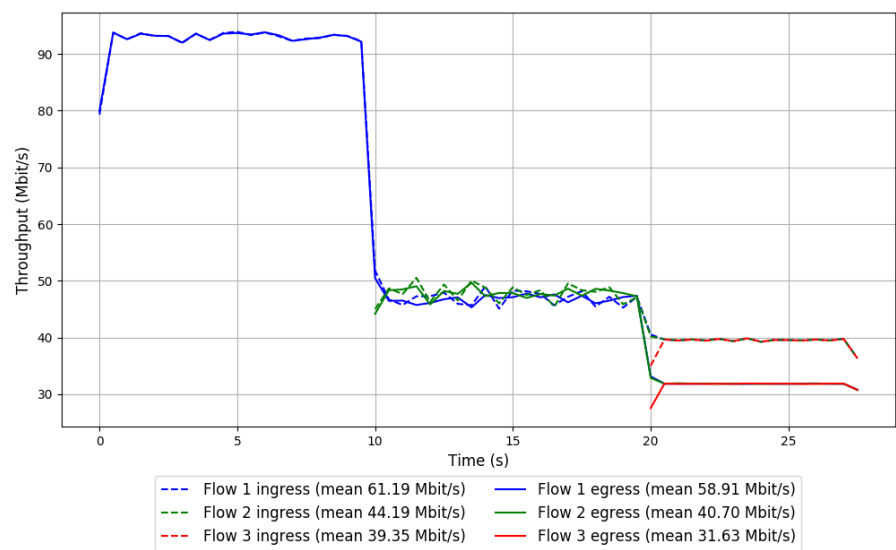


Run 10: Statistics of TaoVA-100x

Start at: 2018-01-26 16:49:36
End at: 2018-01-26 16:50:06
Local clock offset: 0.385 ms
Remote clock offset: -17.89 ms

Below is generated by plot.py at 2018-01-26 17:42:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.06 Mbit/s
95th percentile per-packet one-way delay: 28.102 ms
Loss rate: 6.54%
-- Flow 1:
Average throughput: 58.91 Mbit/s
95th percentile per-packet one-way delay: 25.174 ms
Loss rate: 3.63%
-- Flow 2:
Average throughput: 40.70 Mbit/s
95th percentile per-packet one-way delay: 29.100 ms
Loss rate: 7.77%
-- Flow 3:
Average throughput: 31.63 Mbit/s
95th percentile per-packet one-way delay: 32.561 ms
Loss rate: 19.37%

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

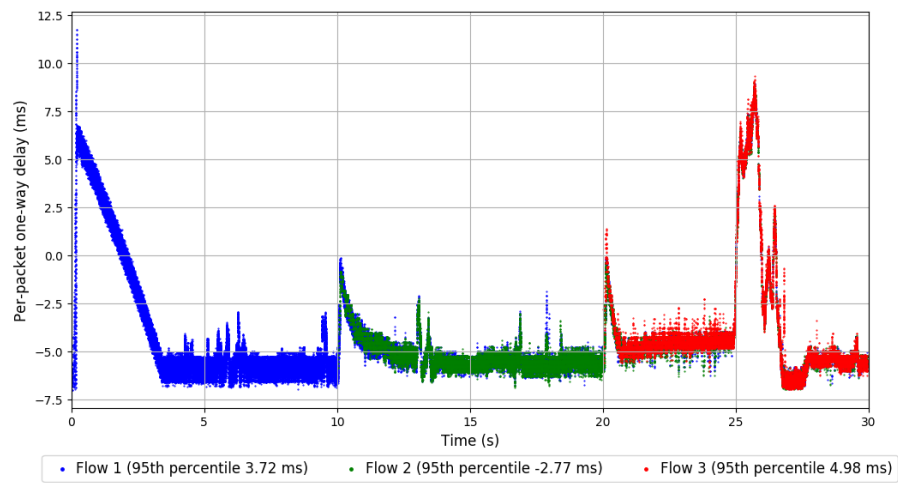
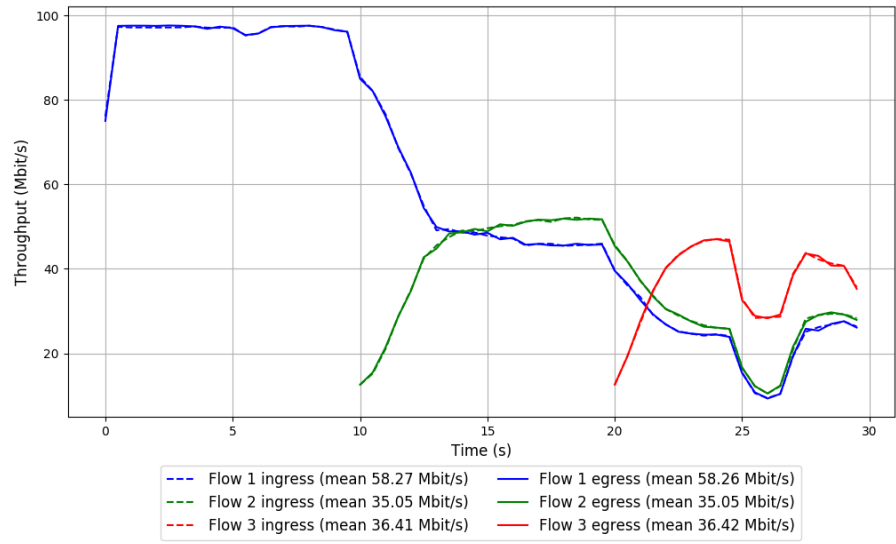


Run 1: Statistics of TCP Vegas

Start at: 2018-01-26 13:51:52
End at: 2018-01-26 13:52:22
Local clock offset: 3.281 ms
Remote clock offset: -13.35 ms

Below is generated by plot.py at 2018-01-26 17:42:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.68 Mbit/s
95th percentile per-packet one-way delay: 3.046 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 58.26 Mbit/s
95th percentile per-packet one-way delay: 3.721 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 35.05 Mbit/s
95th percentile per-packet one-way delay: -2.768 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 36.42 Mbit/s
95th percentile per-packet one-way delay: 4.982 ms
Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2018-01-26 14:12:04

End at: 2018-01-26 14:12:34

Local clock offset: 3.564 ms

Remote clock offset: -14.8 ms

Below is generated by plot.py at 2018-01-26 17:42:27

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.88 Mbit/s

95th percentile per-packet one-way delay: 0.849 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 60.07 Mbit/s

95th percentile per-packet one-way delay: 2.225 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 32.98 Mbit/s

95th percentile per-packet one-way delay: -2.261 ms

Loss rate: 0.00%

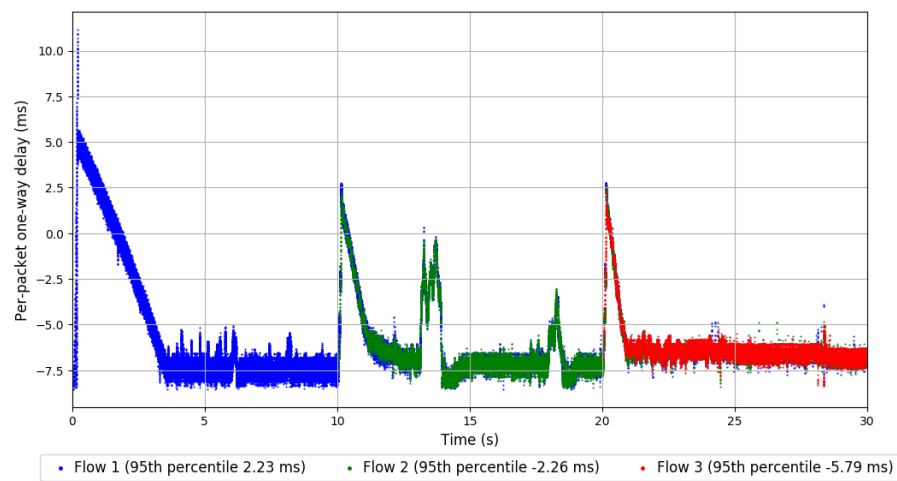
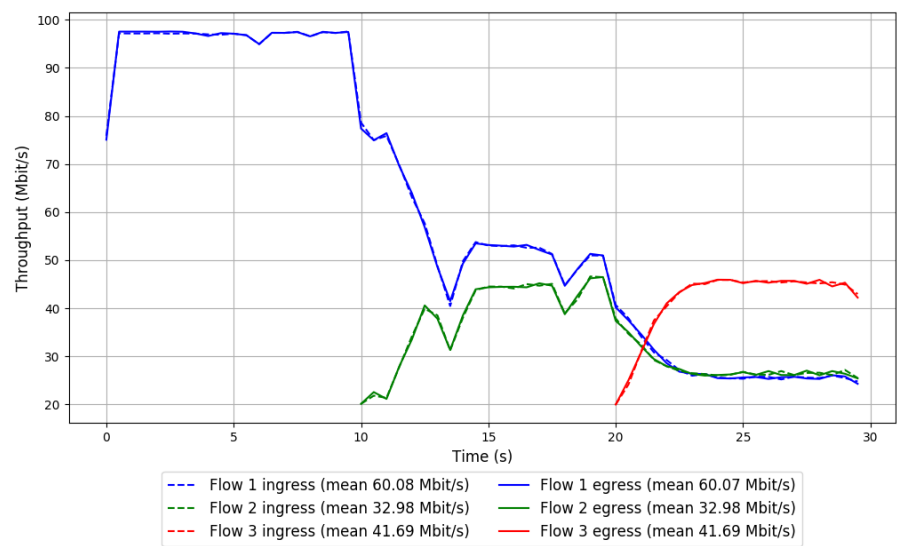
-- Flow 3:

Average throughput: 41.69 Mbit/s

95th percentile per-packet one-way delay: -5.786 ms

Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link

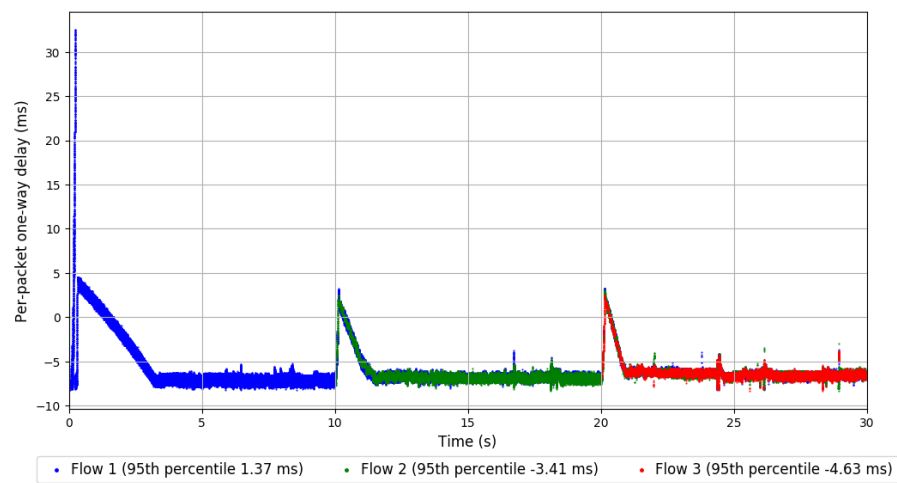
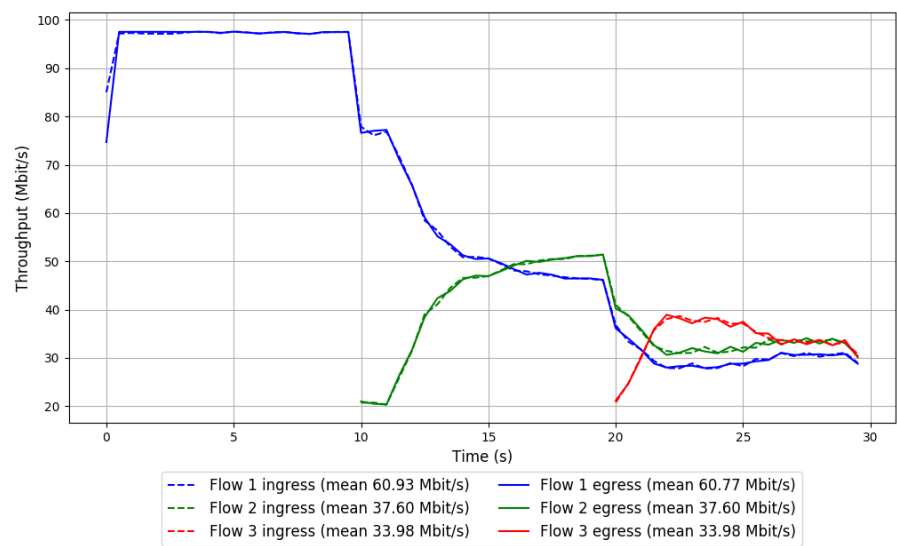


Run 3: Statistics of TCP Vegas

Start at: 2018-01-26 14:32:17
End at: 2018-01-26 14:32:47
Local clock offset: 3.447 ms
Remote clock offset: -14.488 ms

Below is generated by plot.py at 2018-01-26 17:42:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.08 Mbit/s
95th percentile per-packet one-way delay: 0.422 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 60.77 Mbit/s
95th percentile per-packet one-way delay: 1.369 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 37.60 Mbit/s
95th percentile per-packet one-way delay: -3.411 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 33.98 Mbit/s
95th percentile per-packet one-way delay: -4.626 ms
Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link

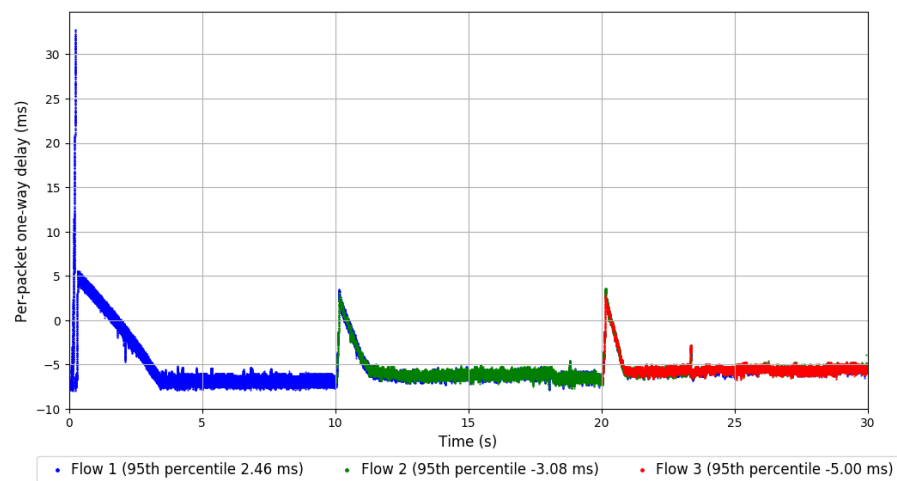
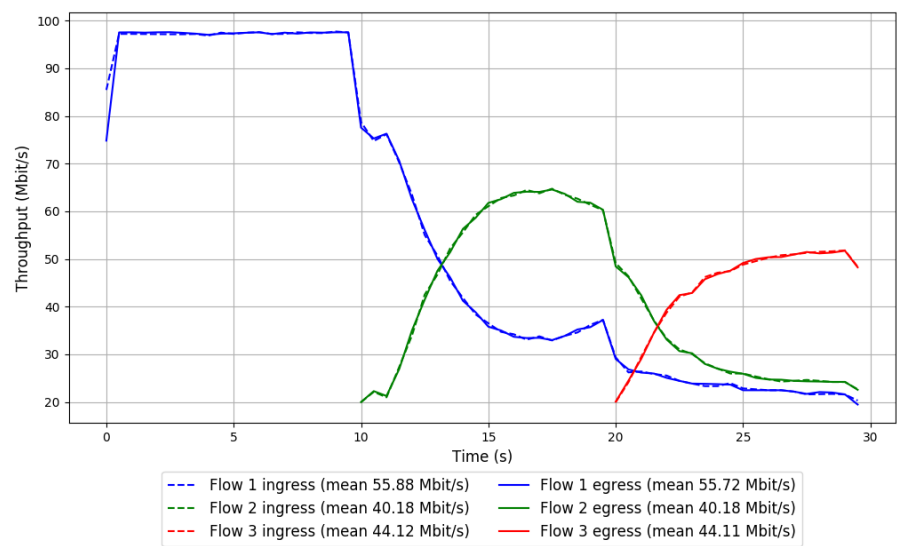


Run 4: Statistics of TCP Vegas

Start at: 2018-01-26 14:52:14
End at: 2018-01-26 14:52:44
Local clock offset: 2.171 ms
Remote clock offset: -15.161 ms

Below is generated by plot.py at 2018-01-26 17:42:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 1.067 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 55.72 Mbit/s
95th percentile per-packet one-way delay: 2.458 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 40.18 Mbit/s
95th percentile per-packet one-way delay: -3.076 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 44.11 Mbit/s
95th percentile per-packet one-way delay: -5.003 ms
Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link

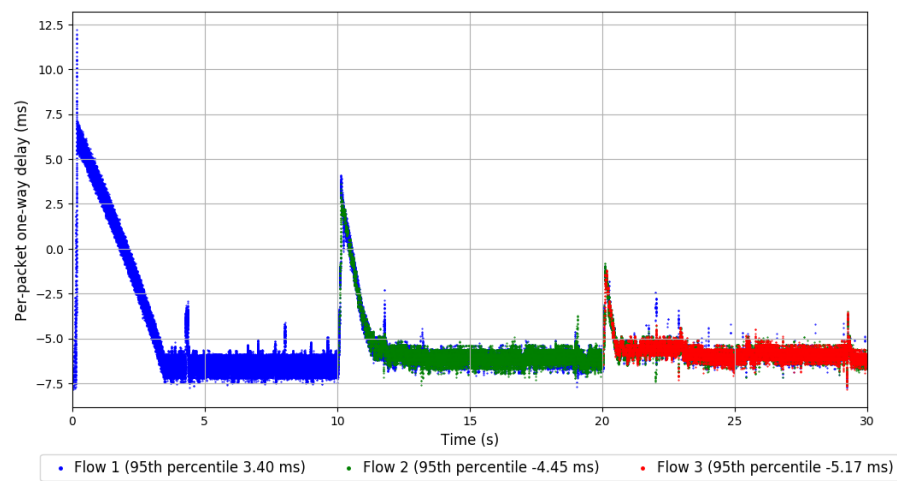
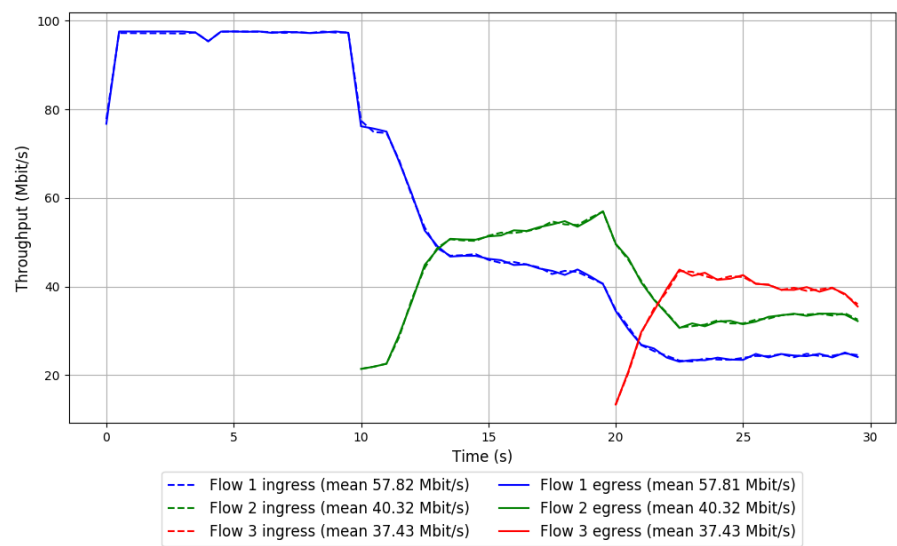


Run 5: Statistics of TCP Vegas

Start at: 2018-01-26 15:12:02
End at: 2018-01-26 15:12:32
Local clock offset: 2.754 ms
Remote clock offset: -15.73 ms

Below is generated by plot.py at 2018-01-26 17:42:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 1.697 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.81 Mbit/s
95th percentile per-packet one-way delay: 3.400 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 40.32 Mbit/s
95th percentile per-packet one-way delay: -4.454 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 37.43 Mbit/s
95th percentile per-packet one-way delay: -5.168 ms
Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link

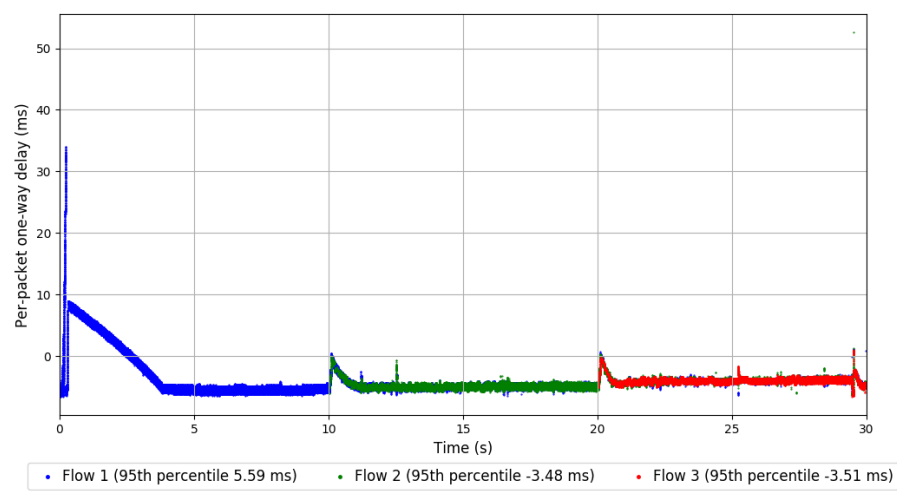
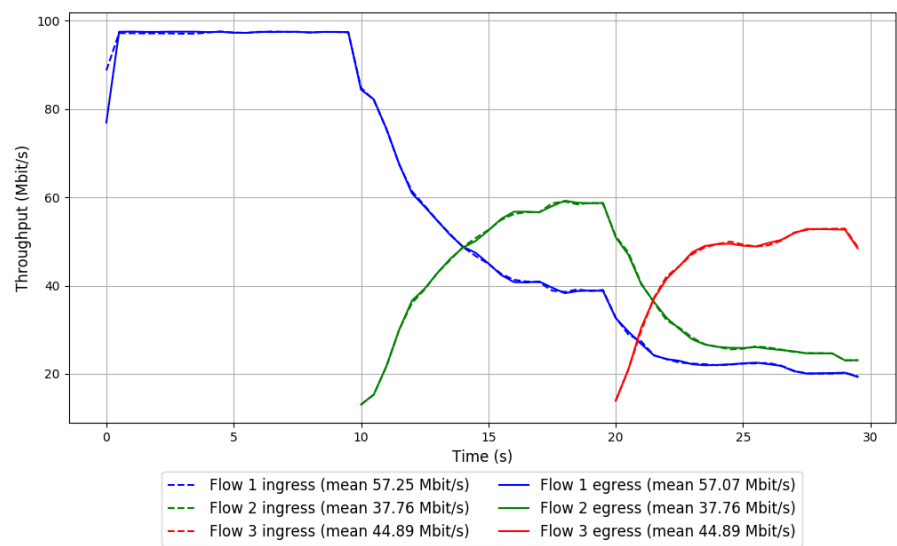


Run 6: Statistics of TCP Vegas

Start at: 2018-01-26 15:31:06
End at: 2018-01-26 15:31:36
Local clock offset: 2.931 ms
Remote clock offset: -15.239 ms

Below is generated by plot.py at 2018-01-26 17:42:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 3.539 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 57.07 Mbit/s
95th percentile per-packet one-way delay: 5.589 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 37.76 Mbit/s
95th percentile per-packet one-way delay: -3.476 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 44.89 Mbit/s
95th percentile per-packet one-way delay: -3.508 ms
Loss rate: 0.00%

Run 6: Report of TCP Vegas — Data Link

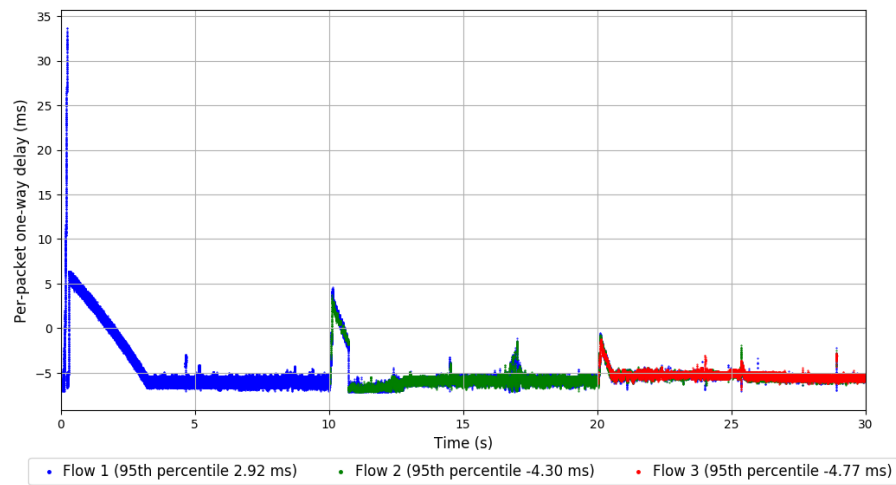
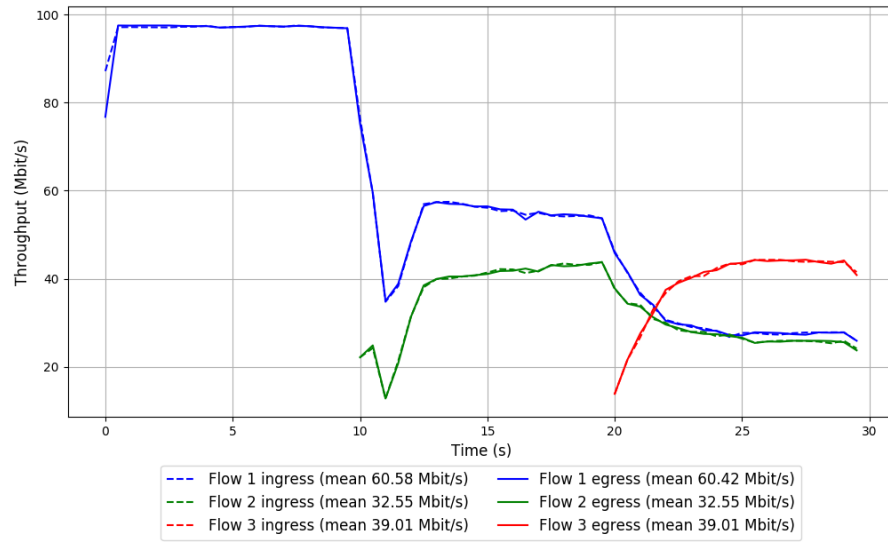


Run 7: Statistics of TCP Vegas

Start at: 2018-01-26 15:50:14
End at: 2018-01-26 15:50:44
Local clock offset: 4.03 ms
Remote clock offset: -16.245 ms

Below is generated by plot.py at 2018-01-26 17:42:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.04 Mbit/s
95th percentile per-packet one-way delay: 1.475 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 60.42 Mbit/s
95th percentile per-packet one-way delay: 2.924 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 32.55 Mbit/s
95th percentile per-packet one-way delay: -4.304 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 39.01 Mbit/s
95th percentile per-packet one-way delay: -4.767 ms
Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link

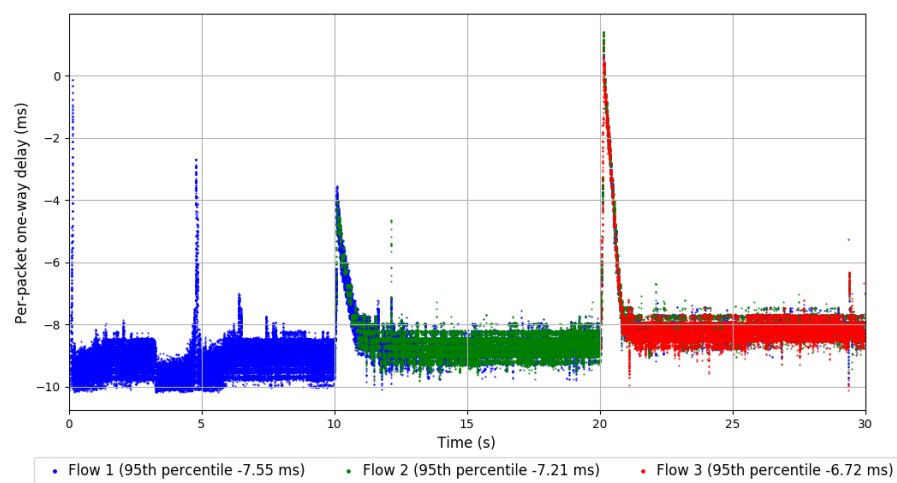
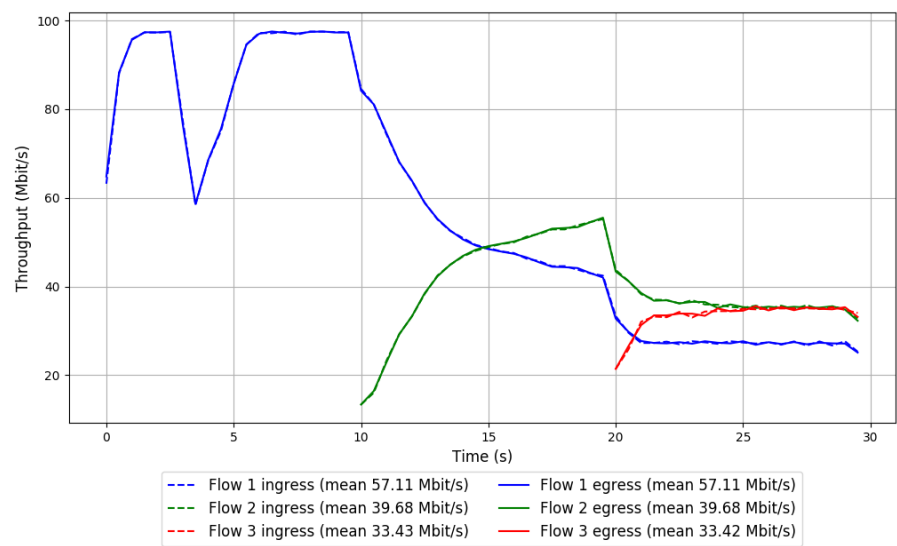


Run 8: Statistics of TCP Vegas

Start at: 2018-01-26 16:09:25
End at: 2018-01-26 16:09:55
Local clock offset: 4.399 ms
Remote clock offset: -19.494 ms

Below is generated by plot.py at 2018-01-26 17:42:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.62 Mbit/s
95th percentile per-packet one-way delay: -7.470 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.11 Mbit/s
95th percentile per-packet one-way delay: -7.550 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.68 Mbit/s
95th percentile per-packet one-way delay: -7.206 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 33.42 Mbit/s
95th percentile per-packet one-way delay: -6.720 ms
Loss rate: 0.00%

Run 8: Report of TCP Vegas — Data Link

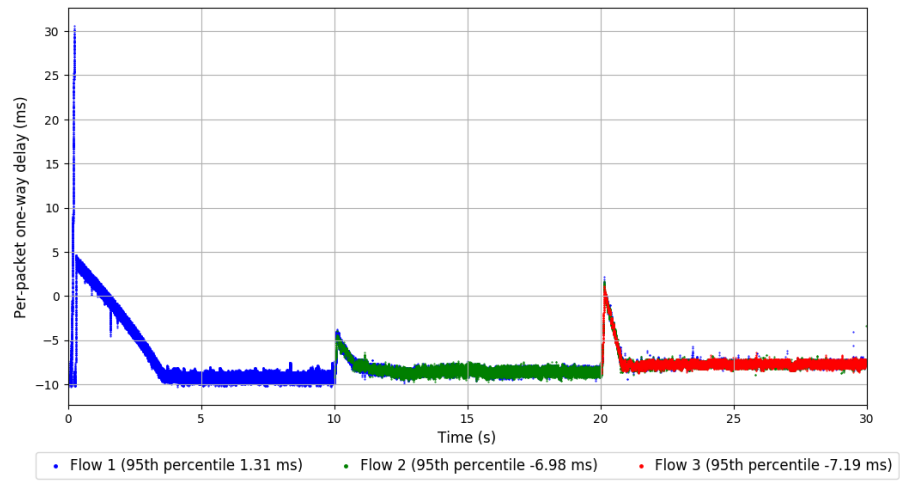
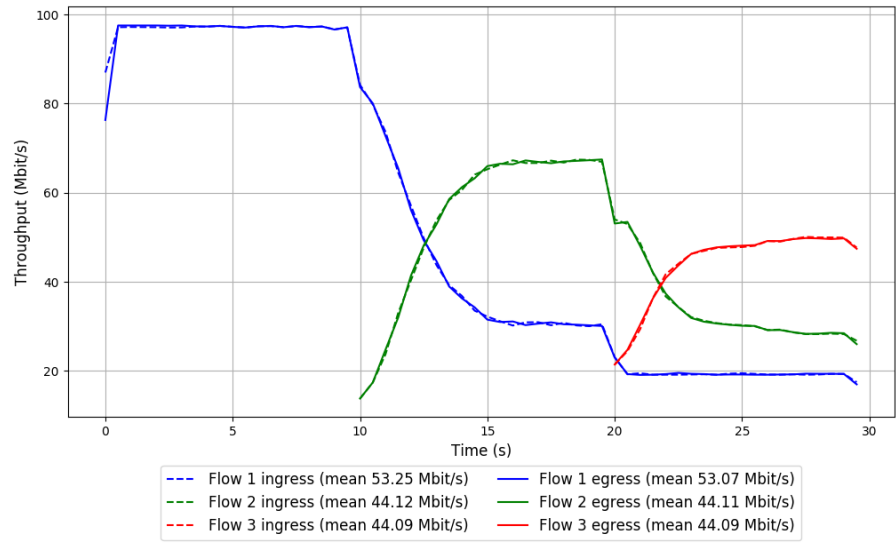


Run 9: Statistics of TCP Vegas

Start at: 2018-01-26 16:29:07
End at: 2018-01-26 16:29:37
Local clock offset: 4.499 ms
Remote clock offset: -20.076 ms

Below is generated by plot.py at 2018-01-26 17:43:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: -0.769 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 53.07 Mbit/s
95th percentile per-packet one-way delay: 1.309 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 44.11 Mbit/s
95th percentile per-packet one-way delay: -6.981 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 44.09 Mbit/s
95th percentile per-packet one-way delay: -7.189 ms
Loss rate: 0.01%

Run 9: Report of TCP Vegas — Data Link

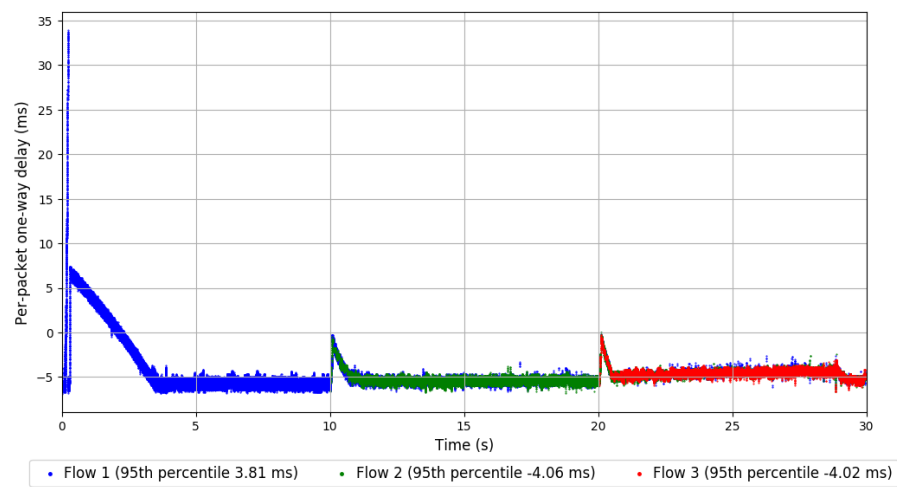
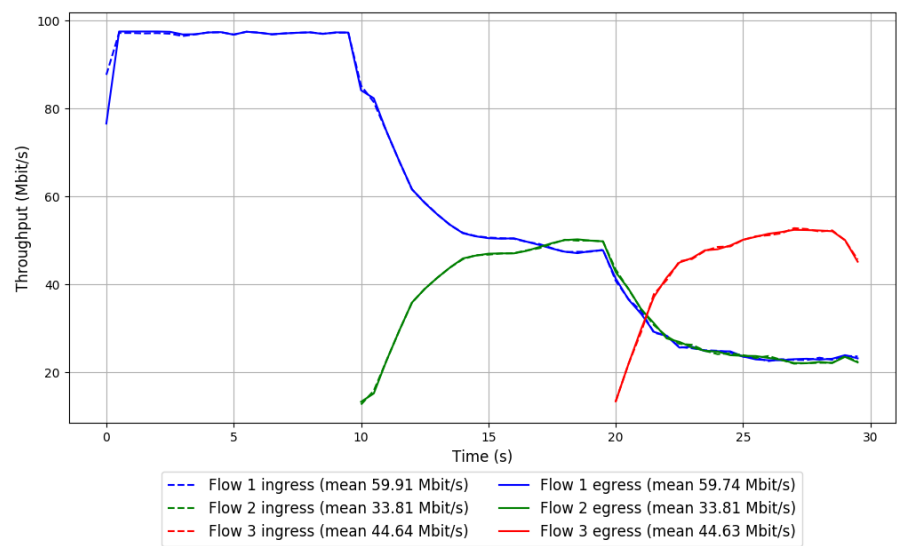


Run 10: Statistics of TCP Vegas

Start at: 2018-01-26 16:48:25
End at: 2018-01-26 16:48:55
Local clock offset: 2.736 ms
Remote clock offset: -18.519 ms

Below is generated by plot.py at 2018-01-26 17:43:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.08 Mbit/s
95th percentile per-packet one-way delay: 1.707 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 59.74 Mbit/s
95th percentile per-packet one-way delay: 3.814 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 33.81 Mbit/s
95th percentile per-packet one-way delay: -4.059 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 44.63 Mbit/s
95th percentile per-packet one-way delay: -4.023 ms
Loss rate: 0.01%

Run 10: Report of TCP Vegas — Data Link

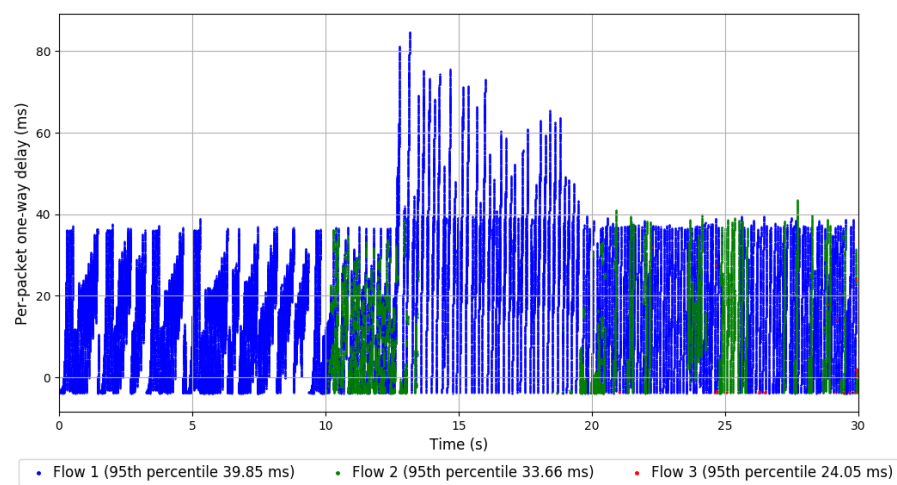
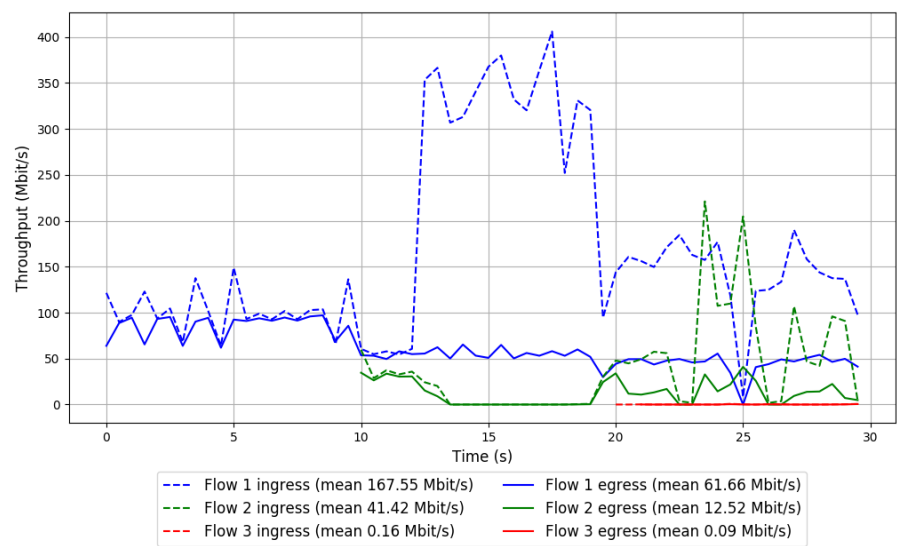


Run 1: Statistics of Verus

Start at: 2018-01-26 14:04:09
End at: 2018-01-26 14:04:39
Local clock offset: -0.147 ms
Remote clock offset: -14.006 ms

Below is generated by plot.py at 2018-01-26 17:43:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 69.93 Mbit/s
95th percentile per-packet one-way delay: 38.292 ms
Loss rate: 64.10%
-- Flow 1:
Average throughput: 61.66 Mbit/s
95th percentile per-packet one-way delay: 39.846 ms
Loss rate: 63.17%
-- Flow 2:
Average throughput: 12.52 Mbit/s
95th percentile per-packet one-way delay: 33.661 ms
Loss rate: 69.78%
-- Flow 3:
Average throughput: 0.09 Mbit/s
95th percentile per-packet one-way delay: 24.045 ms
Loss rate: 50.00%

Run 1: Report of Verus — Data Link

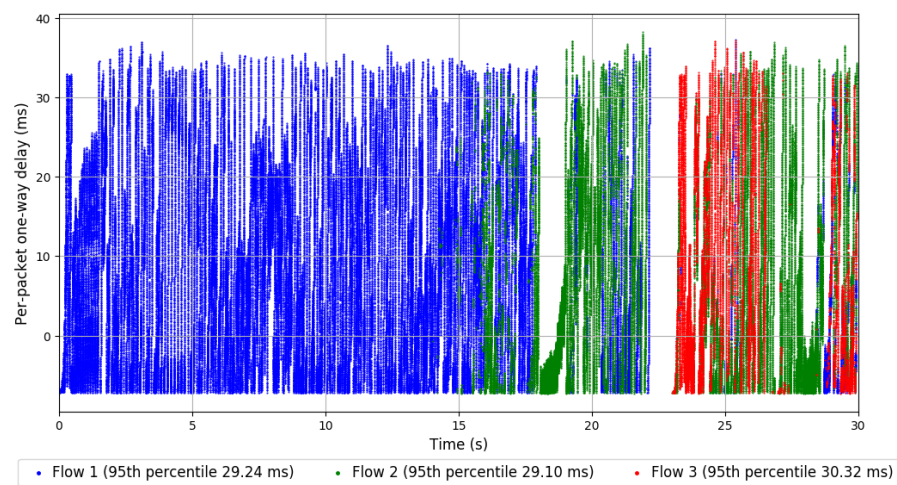
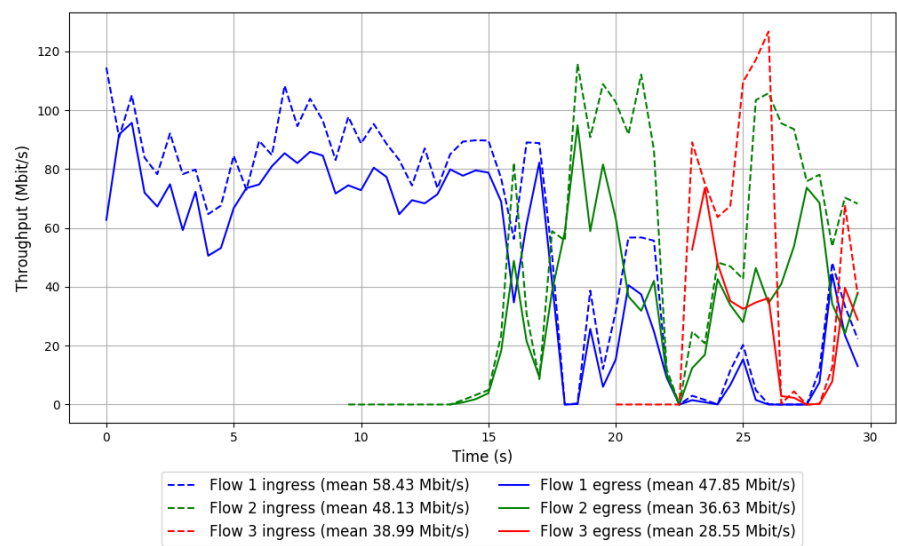


Run 2: Statistics of Verus

Start at: 2018-01-26 14:24:41
End at: 2018-01-26 14:25:11
Local clock offset: 2.23 ms
Remote clock offset: -14.672 ms

Below is generated by plot.py at 2018-01-26 17:43:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.89 Mbit/s
95th percentile per-packet one-way delay: 29.354 ms
Loss rate: 28.48%
-- Flow 1:
Average throughput: 47.85 Mbit/s
95th percentile per-packet one-way delay: 29.236 ms
Loss rate: 18.14%
-- Flow 2:
Average throughput: 36.63 Mbit/s
95th percentile per-packet one-way delay: 29.104 ms
Loss rate: 39.10%
-- Flow 3:
Average throughput: 28.55 Mbit/s
95th percentile per-packet one-way delay: 30.323 ms
Loss rate: 48.90%

Run 2: Report of Verus — Data Link

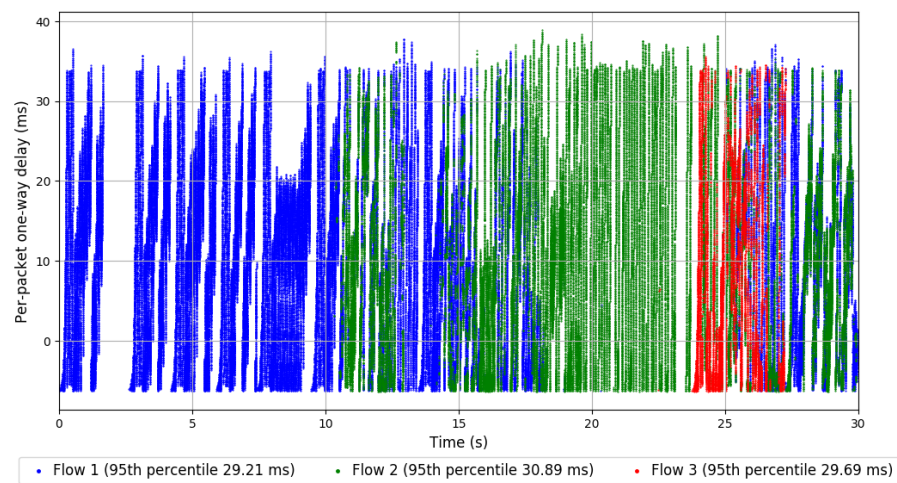
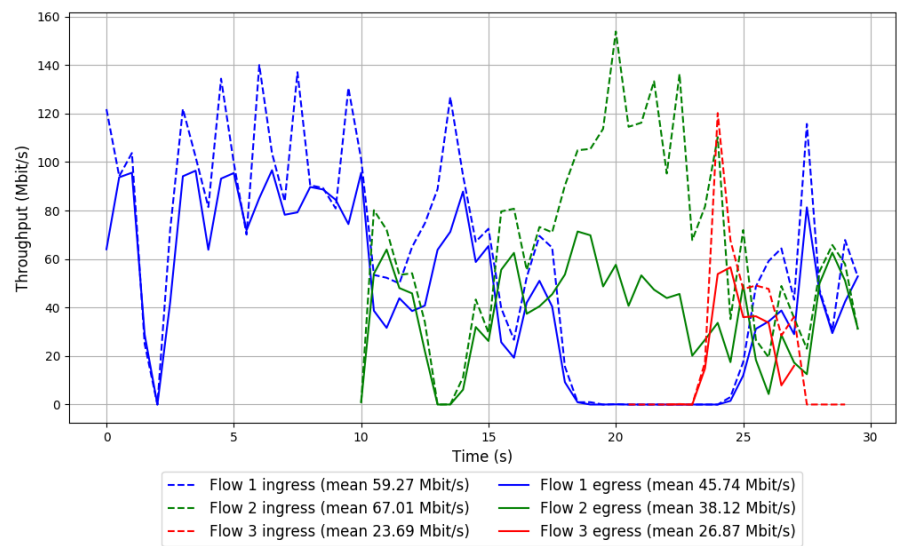


Run 3: Statistics of Verus

Start at: 2018-01-26 14:44:18
End at: 2018-01-26 14:44:48
Local clock offset: 2.932 ms
Remote clock offset: -12.034 ms

Below is generated by plot.py at 2018-01-26 17:43:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.98 Mbit/s
95th percentile per-packet one-way delay: 29.879 ms
Loss rate: 31.92%
-- Flow 1:
Average throughput: 45.74 Mbit/s
95th percentile per-packet one-way delay: 29.209 ms
Loss rate: 22.81%
-- Flow 2:
Average throughput: 38.12 Mbit/s
95th percentile per-packet one-way delay: 30.888 ms
Loss rate: 43.18%
-- Flow 3:
Average throughput: 26.87 Mbit/s
95th percentile per-packet one-way delay: 29.690 ms
Loss rate: 38.42%

Run 3: Report of Verus — Data Link

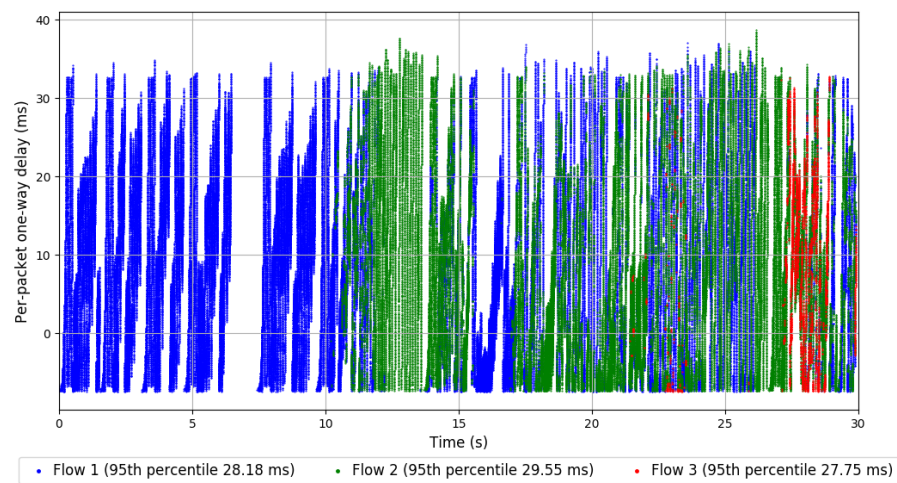
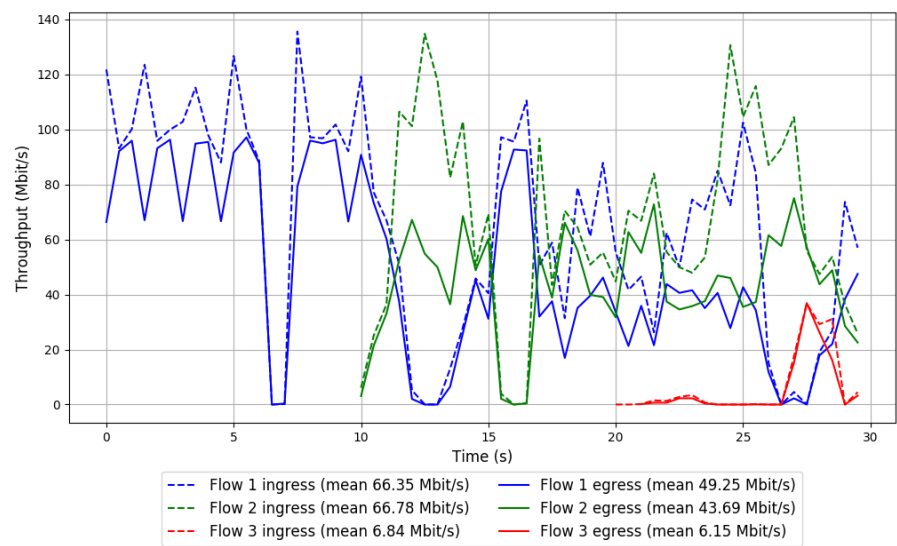


Run 4: Statistics of Verus

Start at: 2018-01-26 15:04:34
End at: 2018-01-26 15:05:04
Local clock offset: 2.017 ms
Remote clock offset: -15.891 ms

Below is generated by plot.py at 2018-01-26 17:43:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.77 Mbit/s
95th percentile per-packet one-way delay: 28.708 ms
Loss rate: 29.03%
-- Flow 1:
Average throughput: 49.25 Mbit/s
95th percentile per-packet one-way delay: 28.182 ms
Loss rate: 25.71%
-- Flow 2:
Average throughput: 43.69 Mbit/s
95th percentile per-packet one-way delay: 29.555 ms
Loss rate: 34.51%
-- Flow 3:
Average throughput: 6.15 Mbit/s
95th percentile per-packet one-way delay: 27.749 ms
Loss rate: 19.39%

Run 4: Report of Verus — Data Link

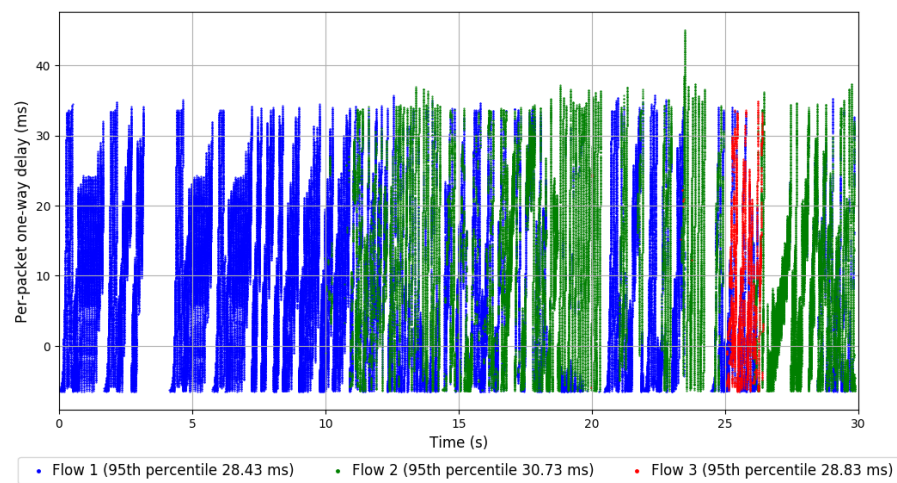
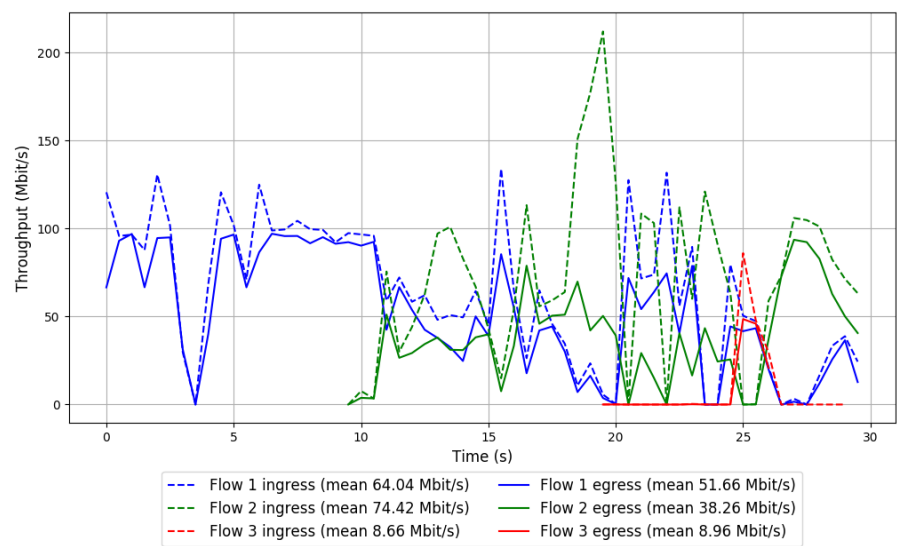


Run 5: Statistics of Verus

Start at: 2018-01-26 15:23:50
End at: 2018-01-26 15:24:20
Local clock offset: 3.225 ms
Remote clock offset: -14.162 ms

Below is generated by plot.py at 2018-01-26 17:44:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.04 Mbit/s
95th percentile per-packet one-way delay: 29.242 ms
Loss rate: 32.04%
-- Flow 1:
Average throughput: 51.66 Mbit/s
95th percentile per-packet one-way delay: 28.425 ms
Loss rate: 19.27%
-- Flow 2:
Average throughput: 38.26 Mbit/s
95th percentile per-packet one-way delay: 30.731 ms
Loss rate: 48.63%
-- Flow 3:
Average throughput: 8.96 Mbit/s
95th percentile per-packet one-way delay: 28.833 ms
Loss rate: 29.69%

Run 5: Report of Verus — Data Link

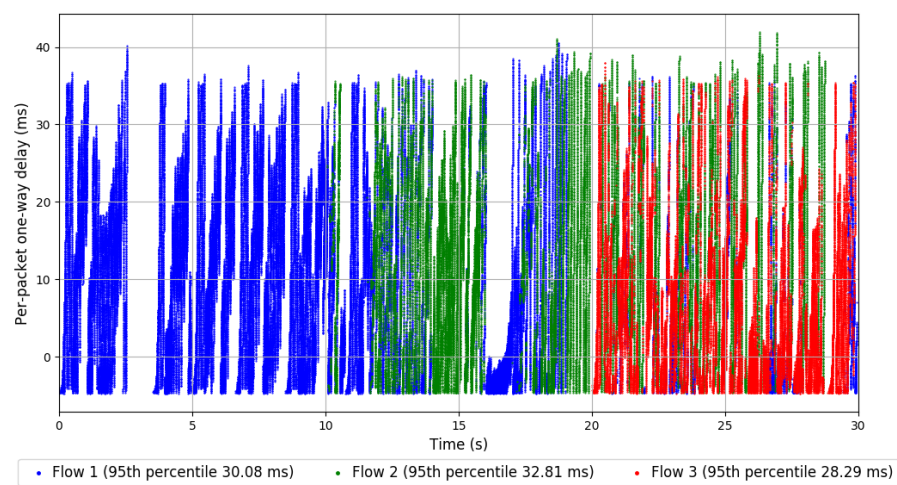
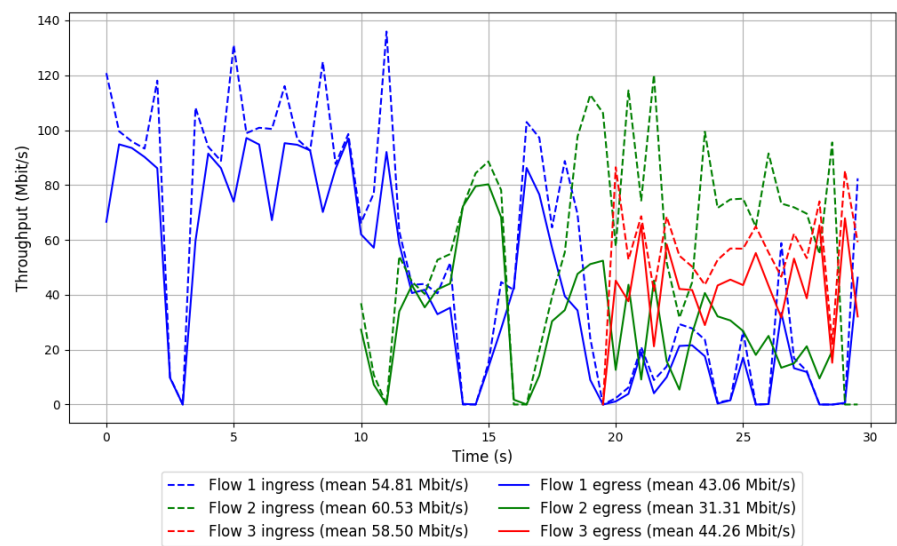


Run 6: Statistics of Verus

Start at: 2018-01-26 15:42:45
End at: 2018-01-26 15:43:15
Local clock offset: 0.957 ms
Remote clock offset: -16.457 ms

Below is generated by plot.py at 2018-01-26 17:44:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.27 Mbit/s
95th percentile per-packet one-way delay: 30.759 ms
Loss rate: 32.19%
-- Flow 1:
Average throughput: 43.06 Mbit/s
95th percentile per-packet one-way delay: 30.084 ms
Loss rate: 21.42%
-- Flow 2:
Average throughput: 31.31 Mbit/s
95th percentile per-packet one-way delay: 32.806 ms
Loss rate: 50.87%
-- Flow 3:
Average throughput: 44.26 Mbit/s
95th percentile per-packet one-way delay: 28.285 ms
Loss rate: 24.21%

Run 6: Report of Verus — Data Link

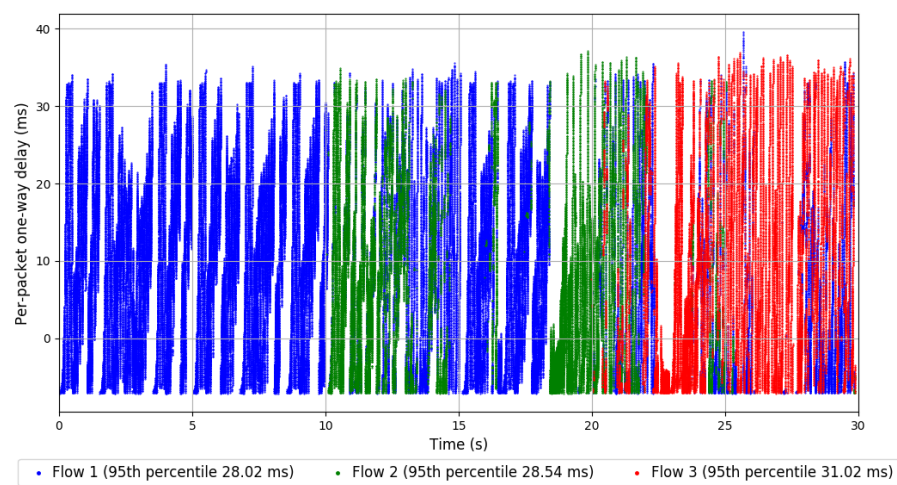
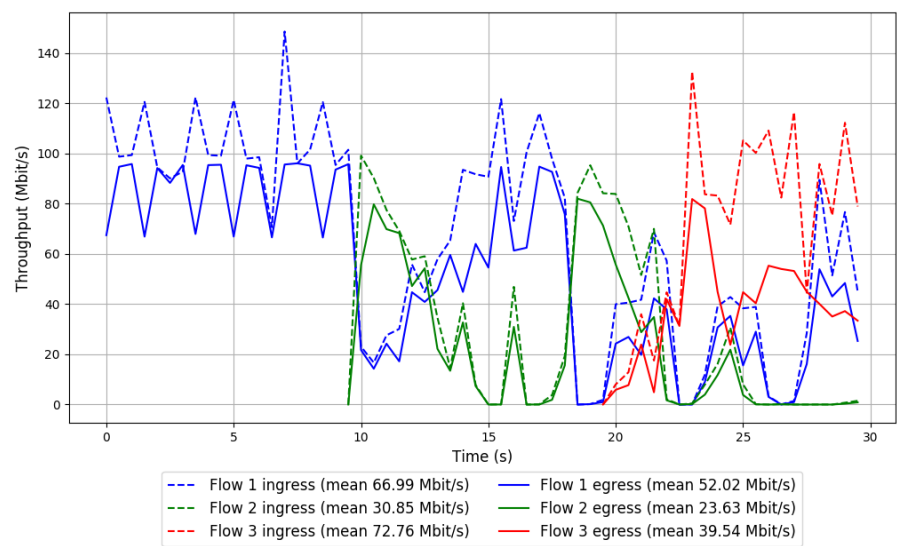


Run 7: Statistics of Verus

Start at: 2018-01-26 16:01:54
End at: 2018-01-26 16:02:24
Local clock offset: -3.203 ms
Remote clock offset: -23.592 ms

Below is generated by plot.py at 2018-01-26 17:44:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.77 Mbit/s
95th percentile per-packet one-way delay: 28.748 ms
Loss rate: 27.63%
-- Flow 1:
Average throughput: 52.02 Mbit/s
95th percentile per-packet one-way delay: 28.018 ms
Loss rate: 22.36%
-- Flow 2:
Average throughput: 23.63 Mbit/s
95th percentile per-packet one-way delay: 28.535 ms
Loss rate: 23.52%
-- Flow 3:
Average throughput: 39.54 Mbit/s
95th percentile per-packet one-way delay: 31.022 ms
Loss rate: 45.73%

Run 7: Report of Verus — Data Link

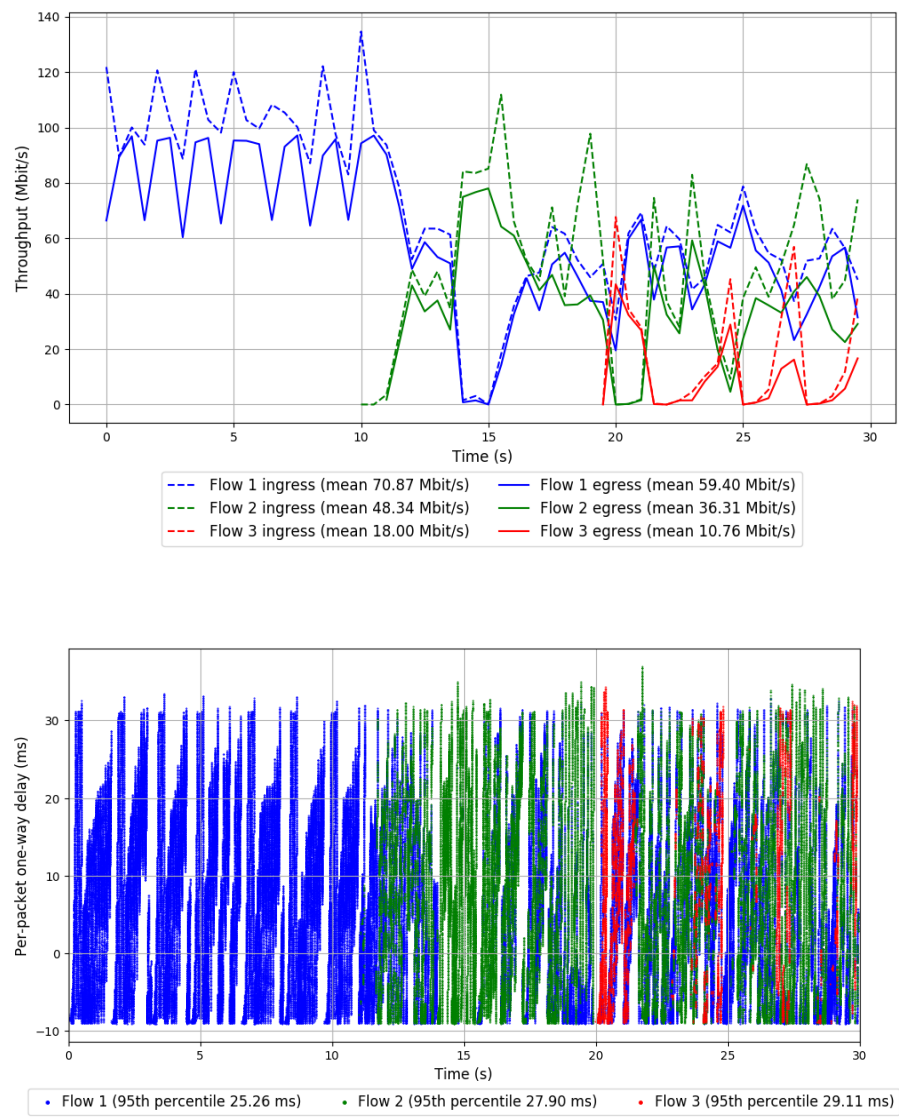


Run 8: Statistics of Verus

Start at: 2018-01-26 16:21:34
End at: 2018-01-26 16:22:04
Local clock offset: 4.128 ms
Remote clock offset: -18.879 ms

Below is generated by plot.py at 2018-01-26 17:44:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.88 Mbit/s
95th percentile per-packet one-way delay: 26.435 ms
Loss rate: 21.13%
-- Flow 1:
Average throughput: 59.40 Mbit/s
95th percentile per-packet one-way delay: 25.259 ms
Loss rate: 16.16%
-- Flow 2:
Average throughput: 36.31 Mbit/s
95th percentile per-packet one-way delay: 27.904 ms
Loss rate: 28.62%
-- Flow 3:
Average throughput: 10.76 Mbit/s
95th percentile per-packet one-way delay: 29.115 ms
Loss rate: 40.01%

Run 8: Report of Verus — Data Link

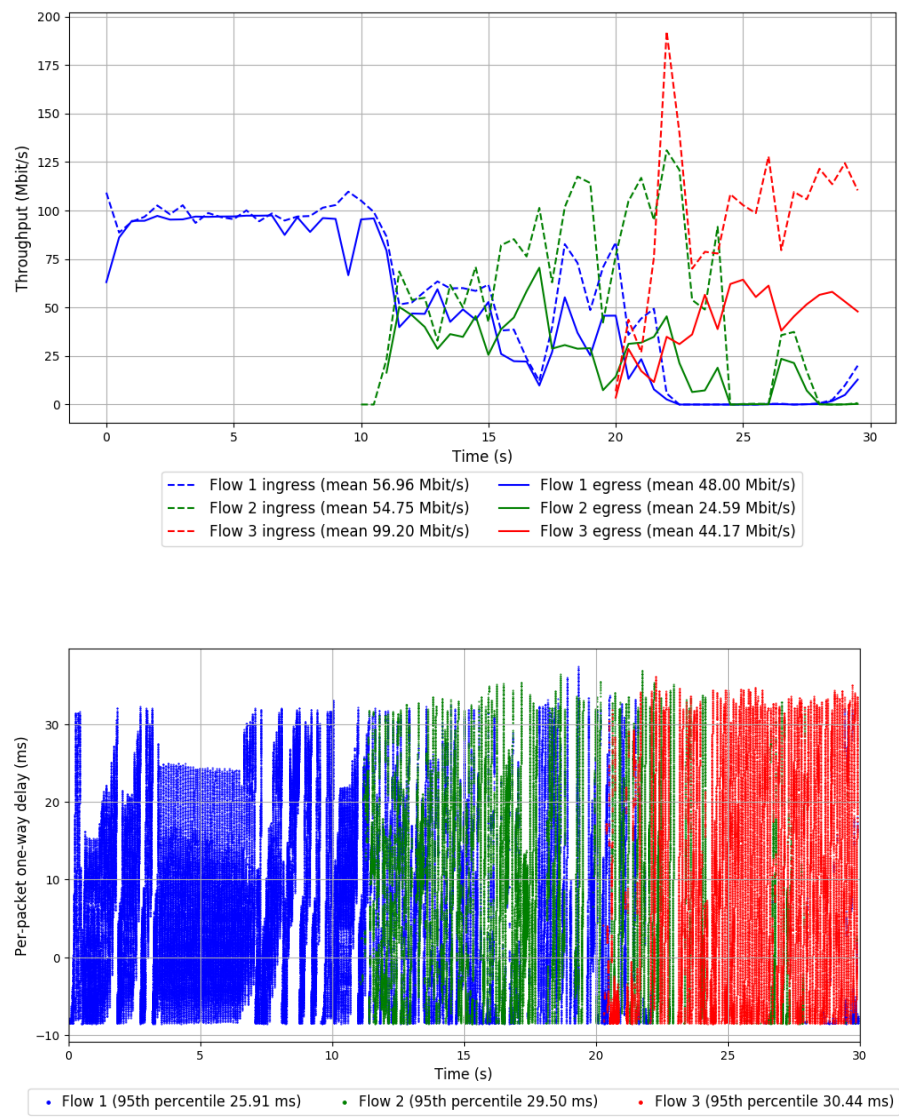


Run 9: Statistics of Verus

Start at: 2018-01-26 16:41:01
End at: 2018-01-26 16:41:31
Local clock offset: 2.876 ms
Remote clock offset: -19.729 ms

Below is generated by plot.py at 2018-01-26 17:44:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.71 Mbit/s
95th percentile per-packet one-way delay: 27.933 ms
Loss rate: 37.97%
-- Flow 1:
Average throughput: 48.00 Mbit/s
95th percentile per-packet one-way delay: 25.913 ms
Loss rate: 15.74%
-- Flow 2:
Average throughput: 24.59 Mbit/s
95th percentile per-packet one-way delay: 29.503 ms
Loss rate: 57.42%
-- Flow 3:
Average throughput: 44.17 Mbit/s
95th percentile per-packet one-way delay: 30.439 ms
Loss rate: 55.47%

Run 9: Report of Verus — Data Link

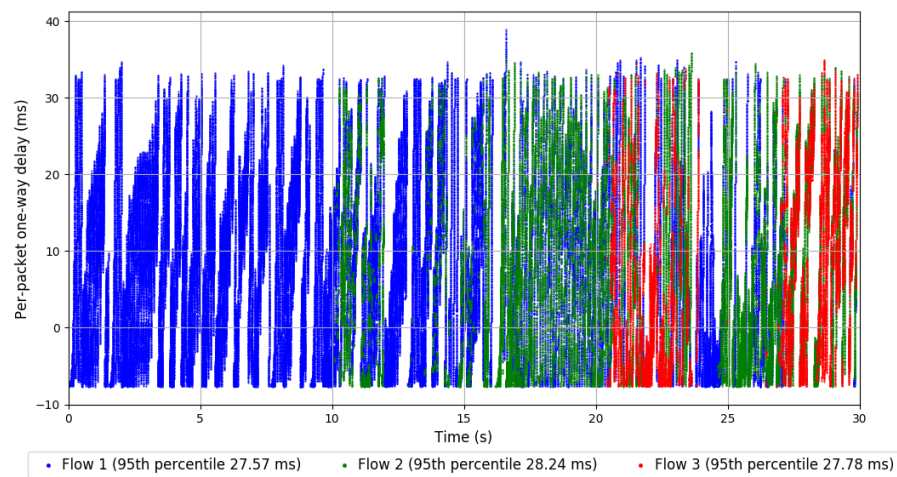
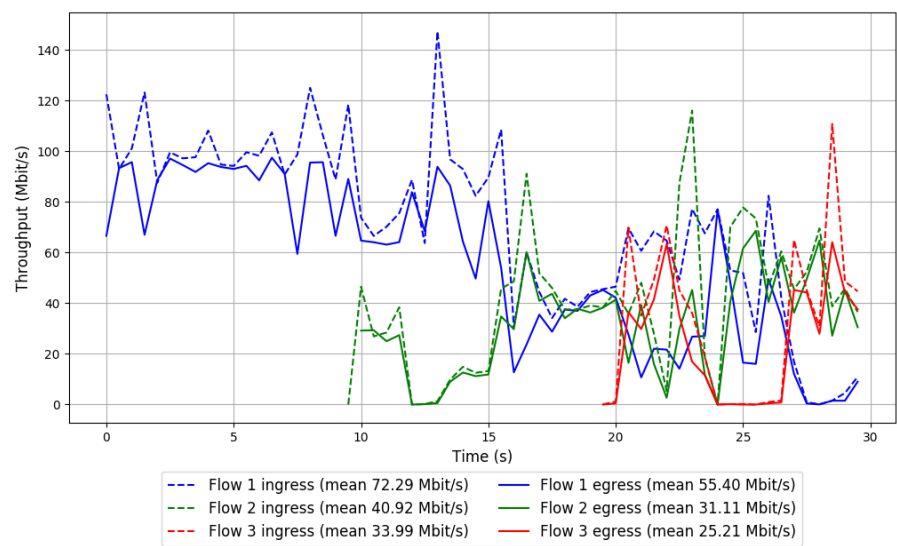


Run 10: Statistics of Verus

Start at: 2018-01-26 17:00:13
End at: 2018-01-26 17:00:43
Local clock offset: 1.469 ms
Remote clock offset: -21.318 ms

Below is generated by plot.py at 2018-01-26 17:45:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.46 Mbit/s
95th percentile per-packet one-way delay: 27.779 ms
Loss rate: 23.76%
-- Flow 1:
Average throughput: 55.40 Mbit/s
95th percentile per-packet one-way delay: 27.567 ms
Loss rate: 23.34%
-- Flow 2:
Average throughput: 31.11 Mbit/s
95th percentile per-packet one-way delay: 28.240 ms
Loss rate: 24.02%
-- Flow 3:
Average throughput: 25.21 Mbit/s
95th percentile per-packet one-way delay: 27.780 ms
Loss rate: 25.88%

Run 10: Report of Verus — Data Link

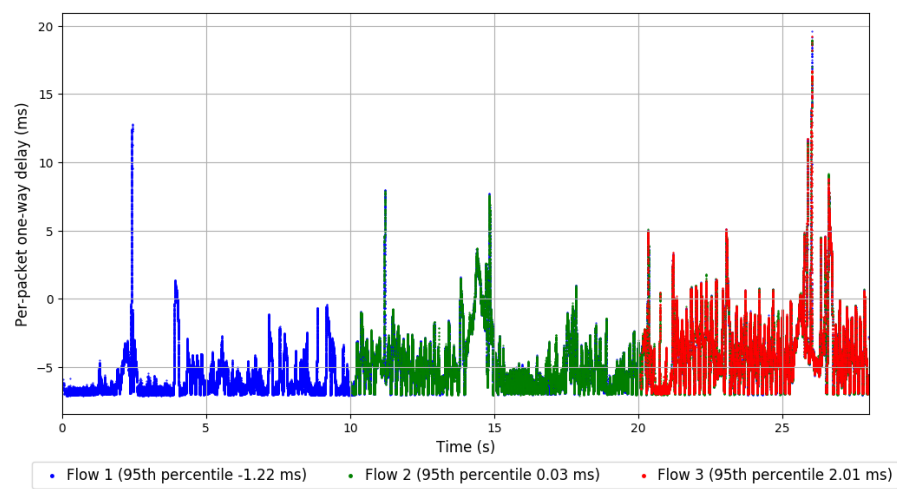
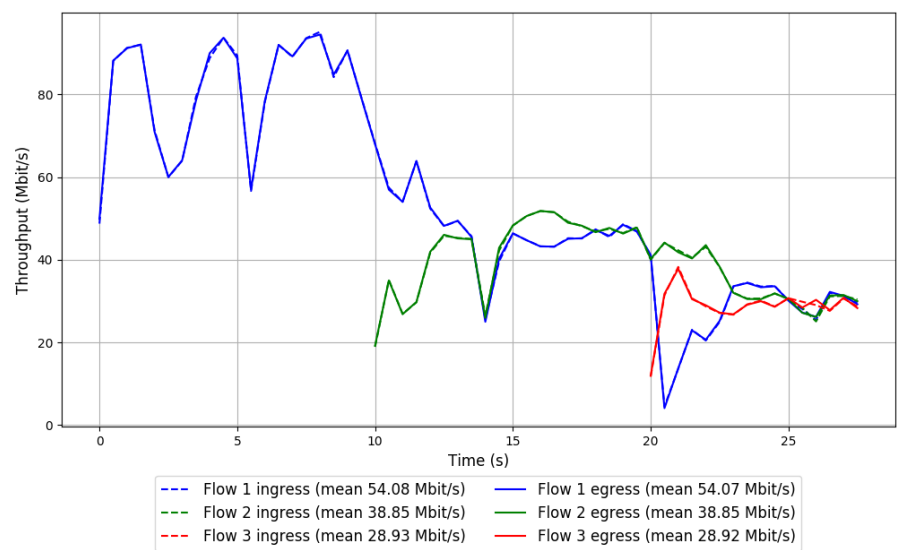


Run 1: Statistics of Copa

Start at: 2018-01-26 13:50:34
End at: 2018-01-26 13:51:04
Local clock offset: 4.227 ms
Remote clock offset: -12.338 ms

Below is generated by plot.py at 2018-01-26 17:45:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.22 Mbit/s
95th percentile per-packet one-way delay: -0.405 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 54.07 Mbit/s
95th percentile per-packet one-way delay: -1.220 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.85 Mbit/s
95th percentile per-packet one-way delay: 0.032 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 28.92 Mbit/s
95th percentile per-packet one-way delay: 2.013 ms
Loss rate: 0.00%

Run 1: Report of Copa — Data Link

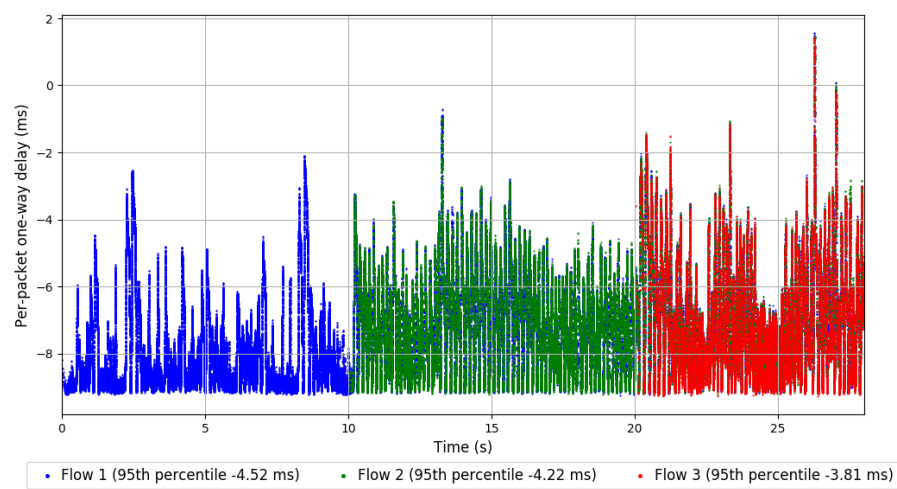
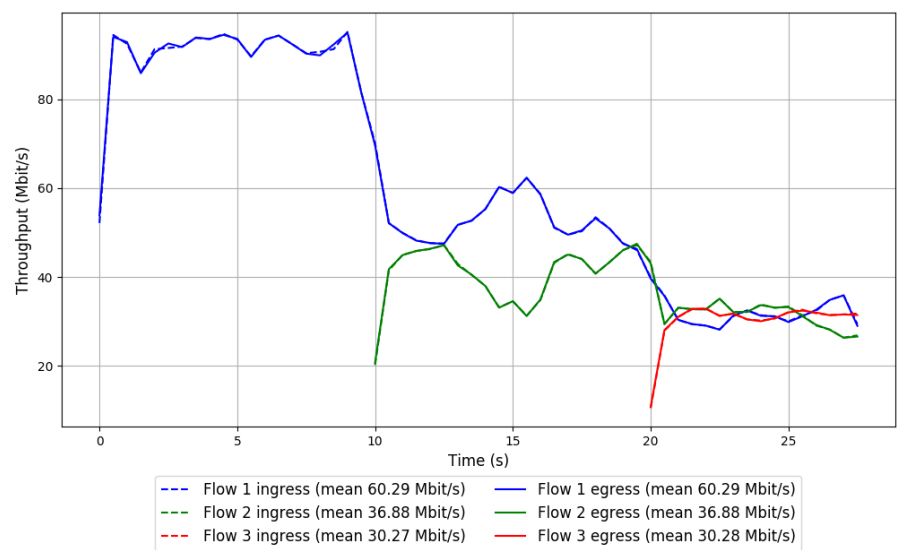


Run 2: Statistics of Copa

Start at: 2018-01-26 14:10:41
End at: 2018-01-26 14:11:11
Local clock offset: 3.7 ms
Remote clock offset: -15.418 ms

Below is generated by plot.py at 2018-01-26 17:46:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.57 Mbit/s
95th percentile per-packet one-way delay: -4.334 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 60.29 Mbit/s
95th percentile per-packet one-way delay: -4.522 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 36.88 Mbit/s
95th percentile per-packet one-way delay: -4.218 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.28 Mbit/s
95th percentile per-packet one-way delay: -3.807 ms
Loss rate: 0.00%

Run 2: Report of Copa — Data Link

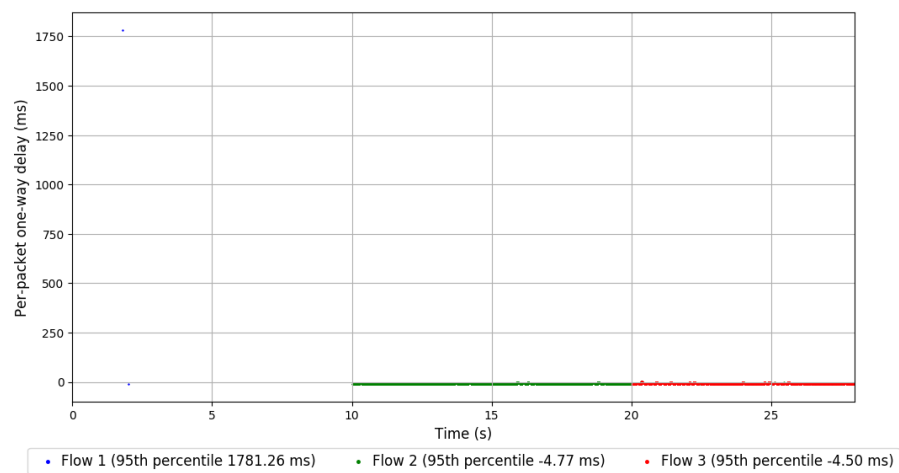
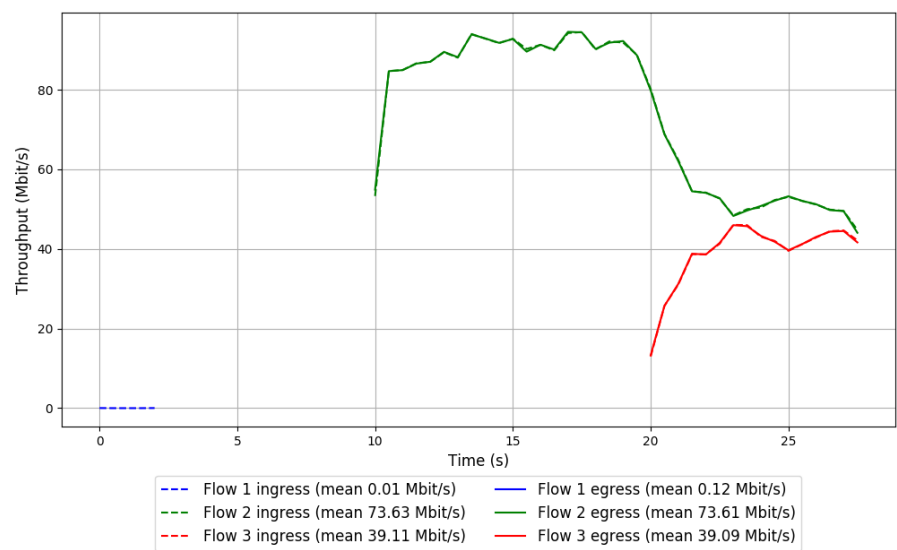


Run 3: Statistics of Copa

Start at: 2018-01-26 14:31:03
End at: 2018-01-26 14:31:33
Local clock offset: 2.683 ms
Remote clock offset: -16.367 ms

Below is generated by plot.py at 2018-01-26 17:46:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.34 Mbit/s
95th percentile per-packet one-way delay: -4.698 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 1781.261 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 73.61 Mbit/s
95th percentile per-packet one-way delay: -4.769 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 39.09 Mbit/s
95th percentile per-packet one-way delay: -4.502 ms
Loss rate: 0.00%

Run 3: Report of Copa — Data Link

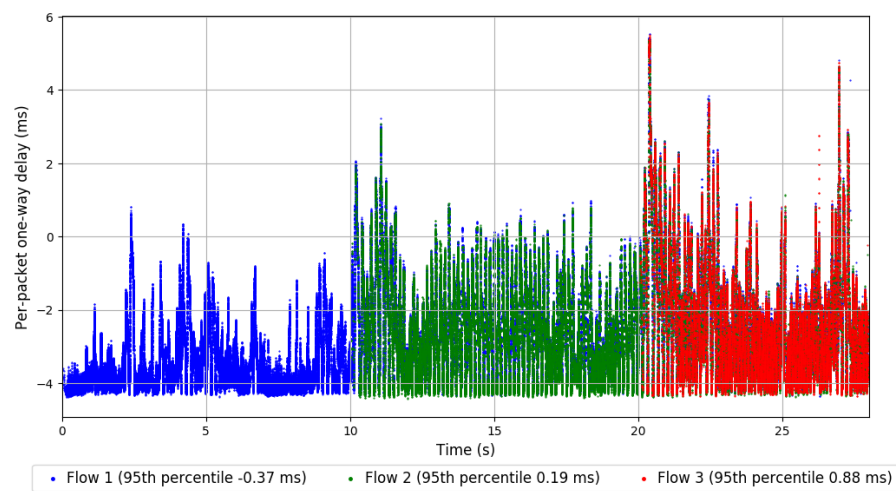
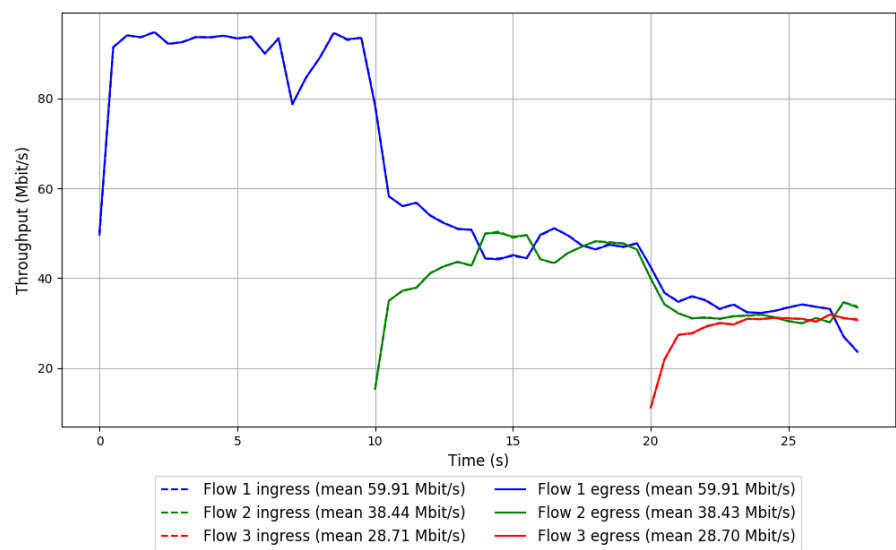


Run 4: Statistics of Copa

Start at: 2018-01-26 14:50:49
End at: 2018-01-26 14:51:19
Local clock offset: 0.27 ms
Remote clock offset: -13.345 ms

Below is generated by plot.py at 2018-01-26 17:46:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.74 Mbit/s
95th percentile per-packet one-way delay: -0.076 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.91 Mbit/s
95th percentile per-packet one-way delay: -0.373 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.43 Mbit/s
95th percentile per-packet one-way delay: 0.191 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 28.70 Mbit/s
95th percentile per-packet one-way delay: 0.879 ms
Loss rate: 0.01%

Run 4: Report of Copa — Data Link

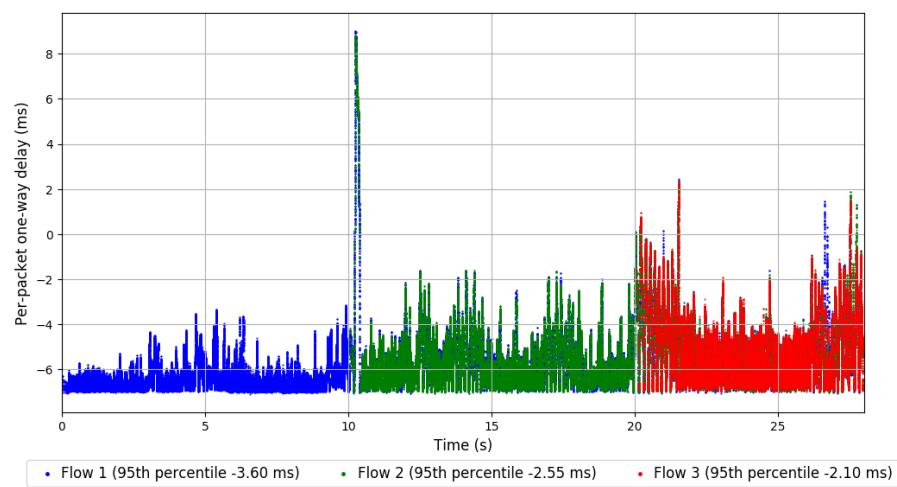
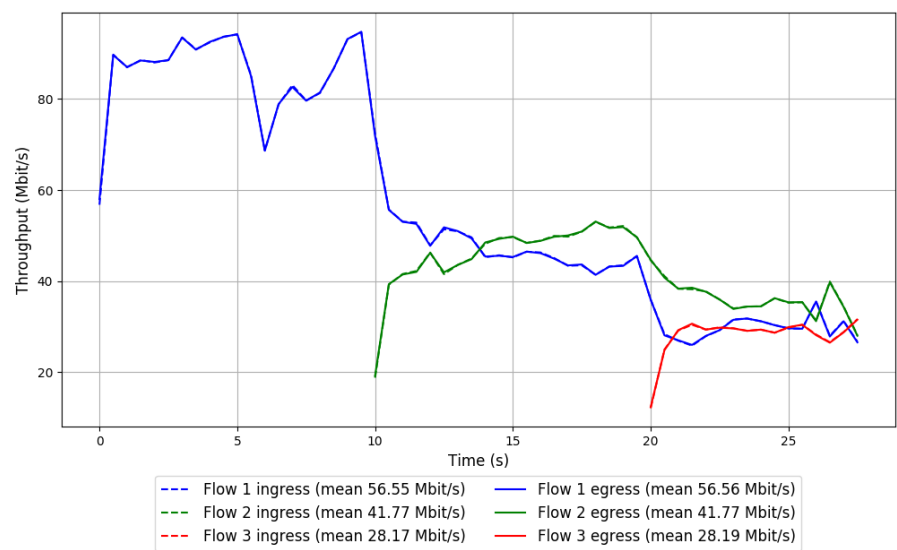


Run 5: Statistics of Copa

Start at: 2018-01-26 15:10:46
End at: 2018-01-26 15:11:16
Local clock offset: 0.684 ms
Remote clock offset: -16.897 ms

Below is generated by plot.py at 2018-01-26 17:46:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.36 Mbit/s
95th percentile per-packet one-way delay: -2.974 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 56.56 Mbit/s
95th percentile per-packet one-way delay: -3.600 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 41.77 Mbit/s
95th percentile per-packet one-way delay: -2.551 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 28.19 Mbit/s
95th percentile per-packet one-way delay: -2.096 ms
Loss rate: 0.00%

Run 5: Report of Copa — Data Link

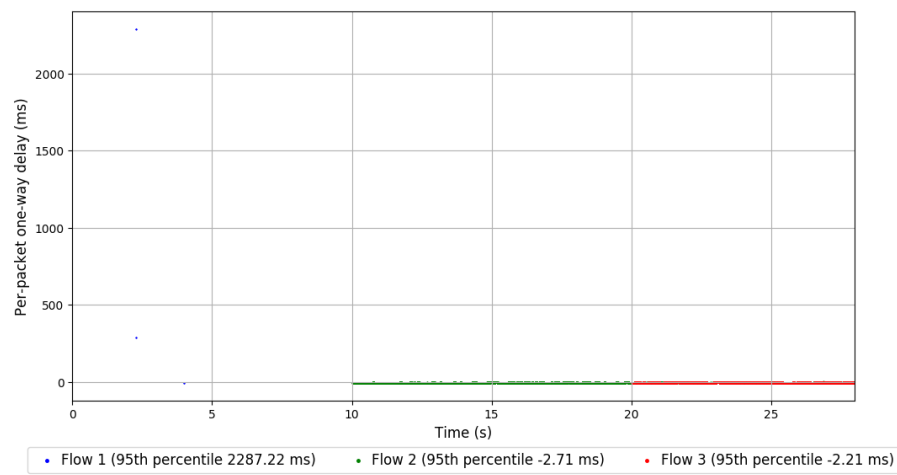
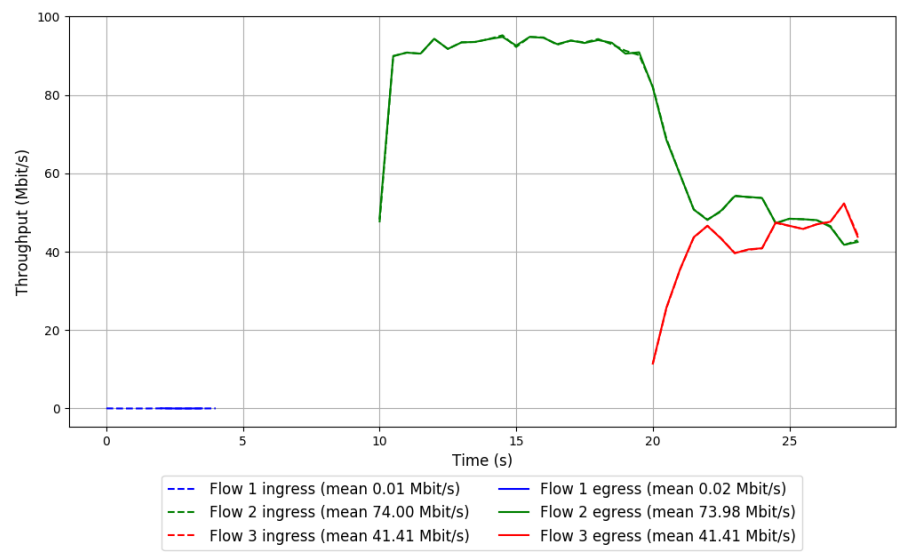


Run 6: Statistics of Copa

Start at: 2018-01-26 15:29:55
End at: 2018-01-26 15:30:25
Local clock offset: 1.57 ms
Remote clock offset: -15.884 ms

Below is generated by plot.py at 2018-01-26 17:46:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 64.55 Mbit/s
95th percentile per-packet one-way delay: -2.568 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.02 Mbit/s
95th percentile per-packet one-way delay: 2287.219 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 73.98 Mbit/s
95th percentile per-packet one-way delay: -2.708 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 41.41 Mbit/s
95th percentile per-packet one-way delay: -2.213 ms
Loss rate: 0.00%

Run 6: Report of Copa — Data Link

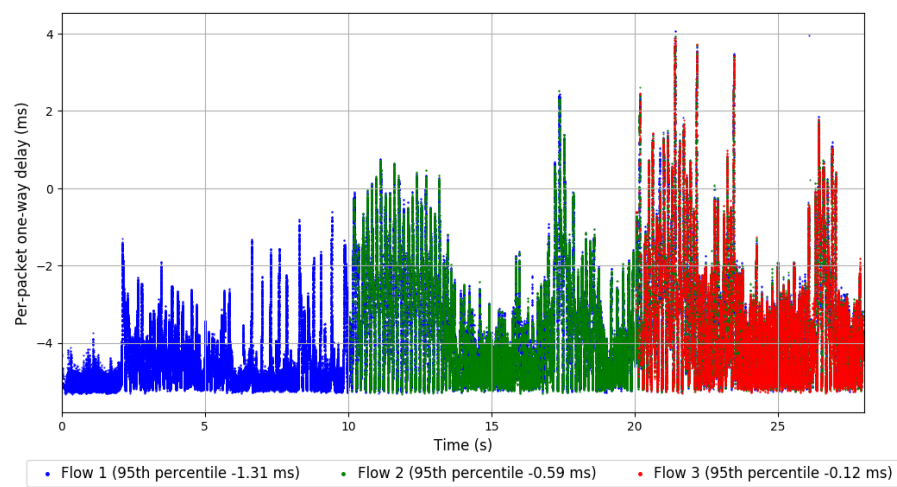
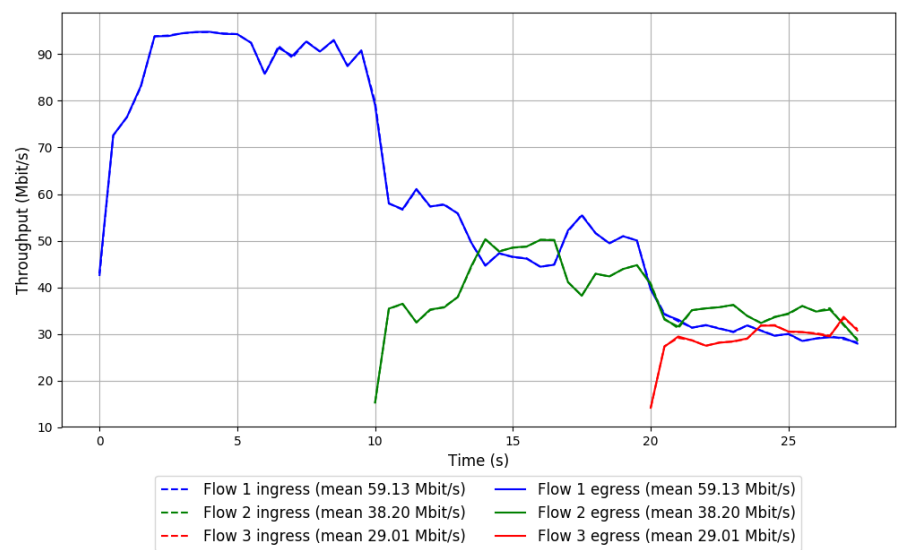


Run 7: Statistics of Copa

Start at: 2018-01-26 15:48:58
End at: 2018-01-26 15:49:28
Local clock offset: 2.984 ms
Remote clock offset: -15.423 ms

Below is generated by plot.py at 2018-01-26 17:47:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.89 Mbit/s
95th percentile per-packet one-way delay: -0.954 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.13 Mbit/s
95th percentile per-packet one-way delay: -1.314 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.20 Mbit/s
95th percentile per-packet one-way delay: -0.589 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.01 Mbit/s
95th percentile per-packet one-way delay: -0.115 ms
Loss rate: 0.00%

Run 7: Report of Copa — Data Link

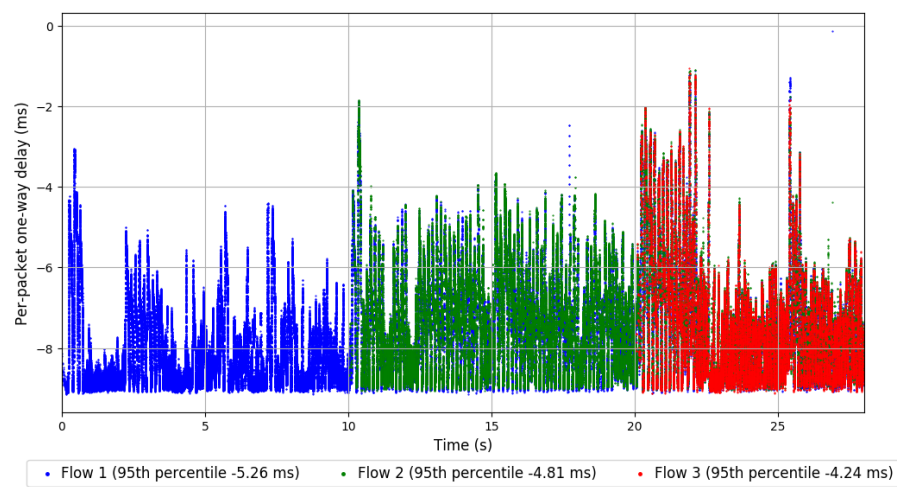
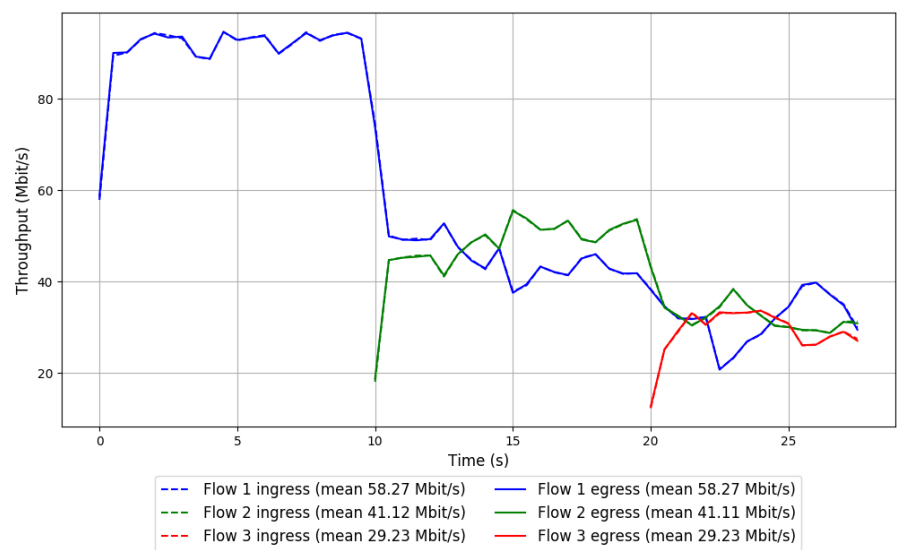


Run 8: Statistics of Copa

Start at: 2018-01-26 16:08:03
End at: 2018-01-26 16:08:33
Local clock offset: 4.317 ms
Remote clock offset: -18.438 ms

Below is generated by plot.py at 2018-01-26 17:47:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.95 Mbit/s
95th percentile per-packet one-way delay: -5.021 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 58.27 Mbit/s
95th percentile per-packet one-way delay: -5.262 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.11 Mbit/s
95th percentile per-packet one-way delay: -4.811 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.23 Mbit/s
95th percentile per-packet one-way delay: -4.240 ms
Loss rate: 0.00%

Run 8: Report of Copa — Data Link

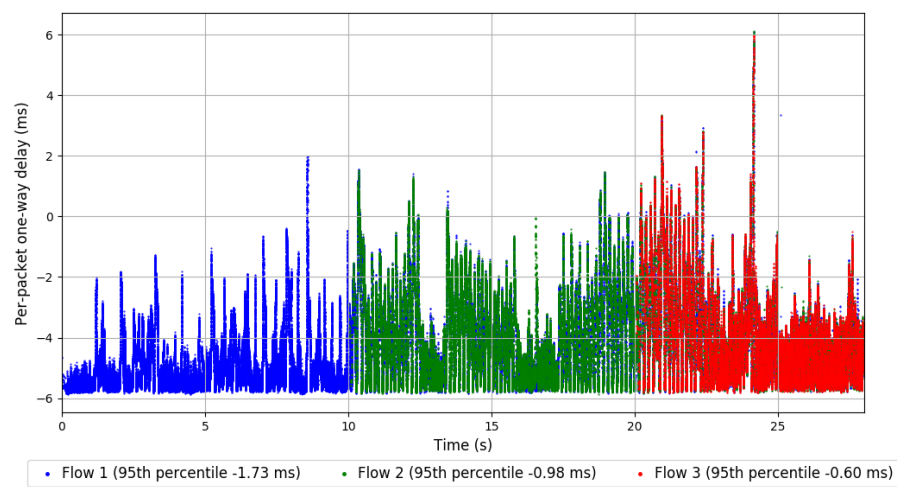
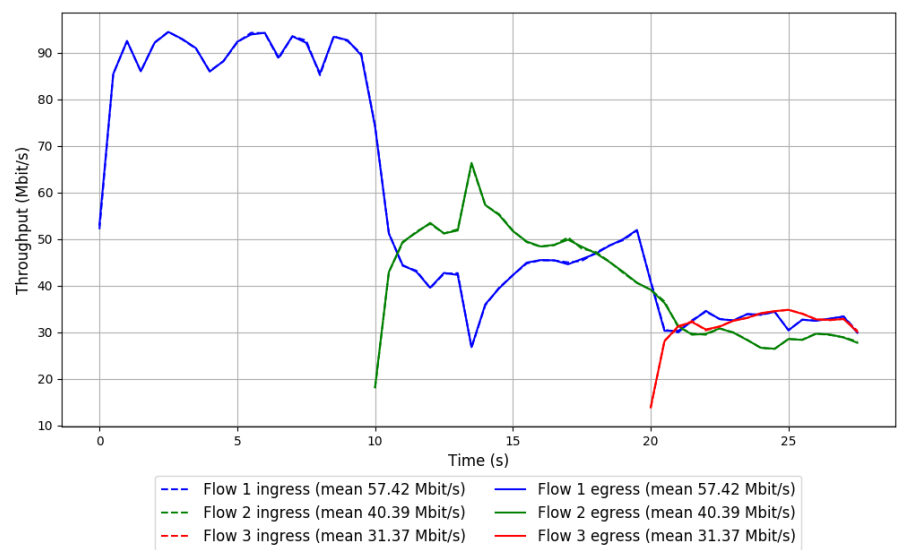


Run 9: Statistics of Copa

Start at: 2018-01-26 16:27:48
End at: 2018-01-26 16:28:18
Local clock offset: 2.783 ms
Remote clock offset: -17.245 ms

Below is generated by plot.py at 2018-01-26 17:48:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.27 Mbit/s
95th percentile per-packet one-way delay: -1.350 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.42 Mbit/s
95th percentile per-packet one-way delay: -1.729 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 40.39 Mbit/s
95th percentile per-packet one-way delay: -0.977 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 31.37 Mbit/s
95th percentile per-packet one-way delay: -0.598 ms
Loss rate: 0.00%

Run 9: Report of Copa — Data Link

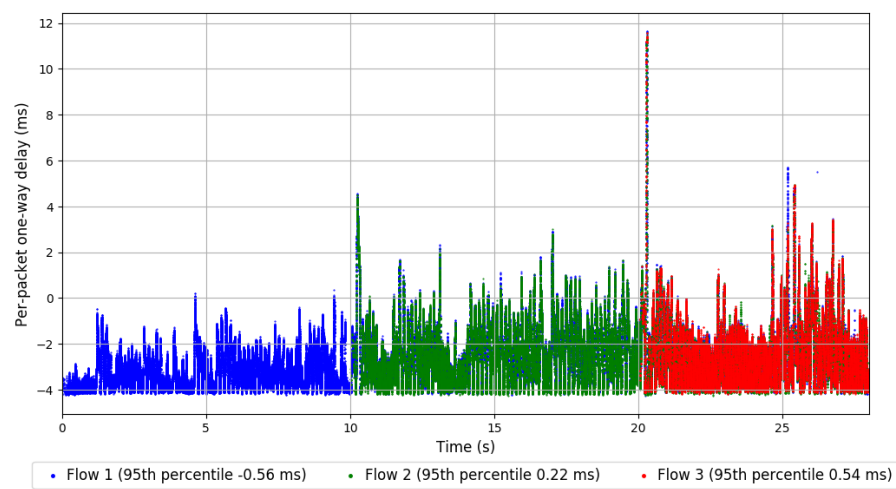
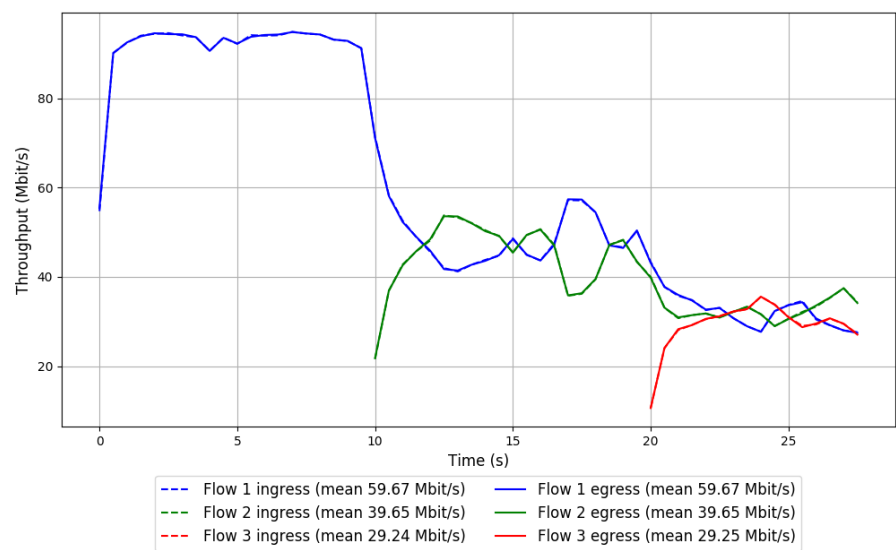


Run 10: Statistics of Copa

Start at: 2018-01-26 16:47:09
End at: 2018-01-26 16:47:39
Local clock offset: 0.41 ms
Remote clock offset: -18.145 ms

Below is generated by plot.py at 2018-01-26 17:48:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.44 Mbit/s
95th percentile per-packet one-way delay: -0.204 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.67 Mbit/s
95th percentile per-packet one-way delay: -0.559 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.65 Mbit/s
95th percentile per-packet one-way delay: 0.219 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.25 Mbit/s
95th percentile per-packet one-way delay: 0.536 ms
Loss rate: 0.00%

Run 10: Report of Copa — Data Link

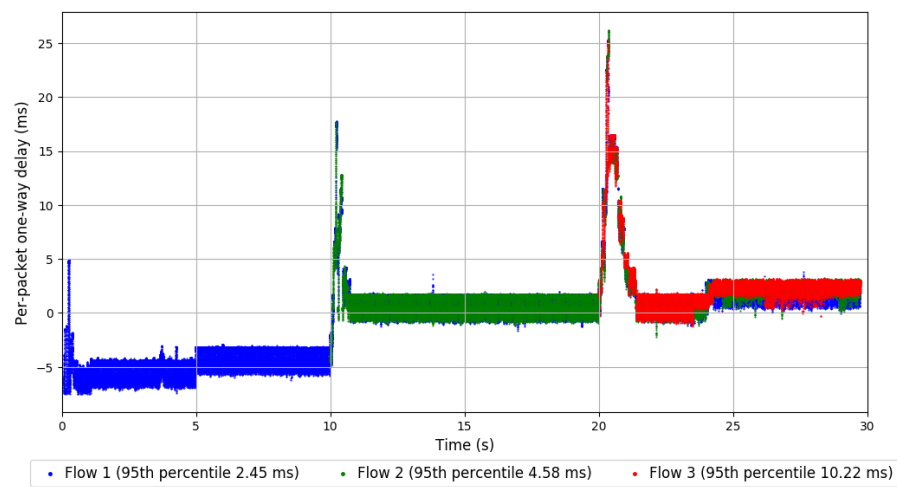
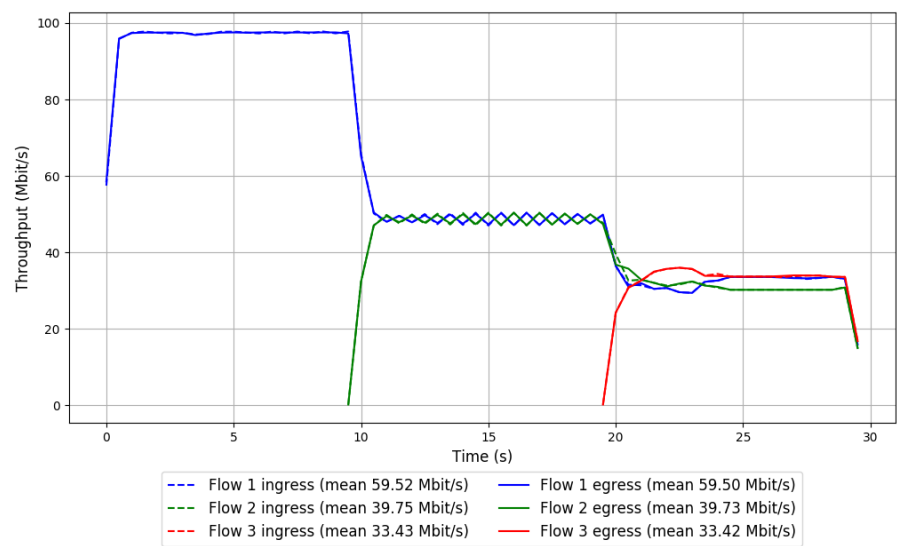


```
Run 1: Statistics of Indigo-2-256

Start at: 2018-01-26 13:58:06
End at: 2018-01-26 13:58:36
Local clock offset: 1.722 ms
Remote clock offset: -15.945 ms

# Below is generated by plot.py at 2018-01-26 17:48:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.82 Mbit/s
95th percentile per-packet one-way delay: 3.107 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.50 Mbit/s
95th percentile per-packet one-way delay: 2.454 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.73 Mbit/s
95th percentile per-packet one-way delay: 4.578 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 33.42 Mbit/s
95th percentile per-packet one-way delay: 10.222 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo-2-256 — Data Link

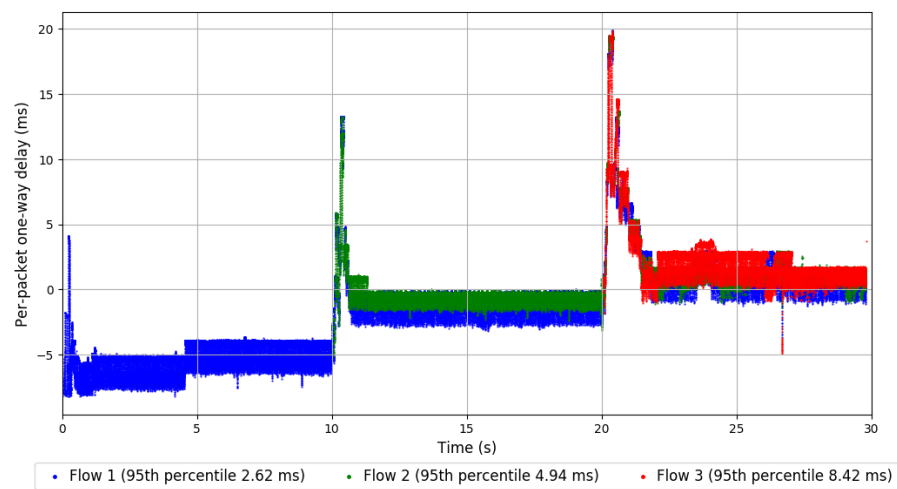
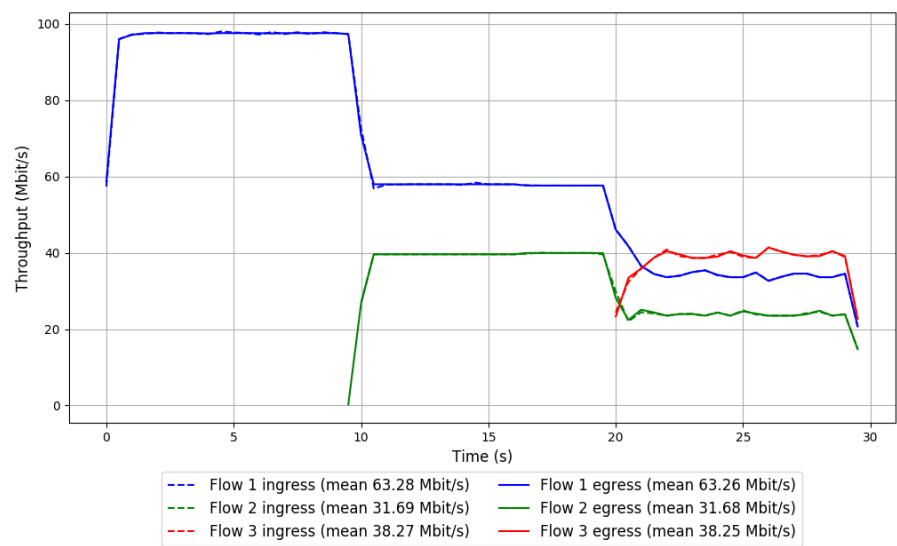


Run 2: Statistics of Indigo-2-256

Start at: 2018-01-26 14:18:45
End at: 2018-01-26 14:19:15
Local clock offset: 2.106 ms
Remote clock offset: -15.909 ms

Below is generated by plot.py at 2018-01-26 17:48:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.83 Mbit/s
95th percentile per-packet one-way delay: 3.545 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 63.26 Mbit/s
95th percentile per-packet one-way delay: 2.624 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 31.68 Mbit/s
95th percentile per-packet one-way delay: 4.936 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 38.25 Mbit/s
95th percentile per-packet one-way delay: 8.424 ms
Loss rate: 0.00%

Run 2: Report of Indigo-2-256 — Data Link

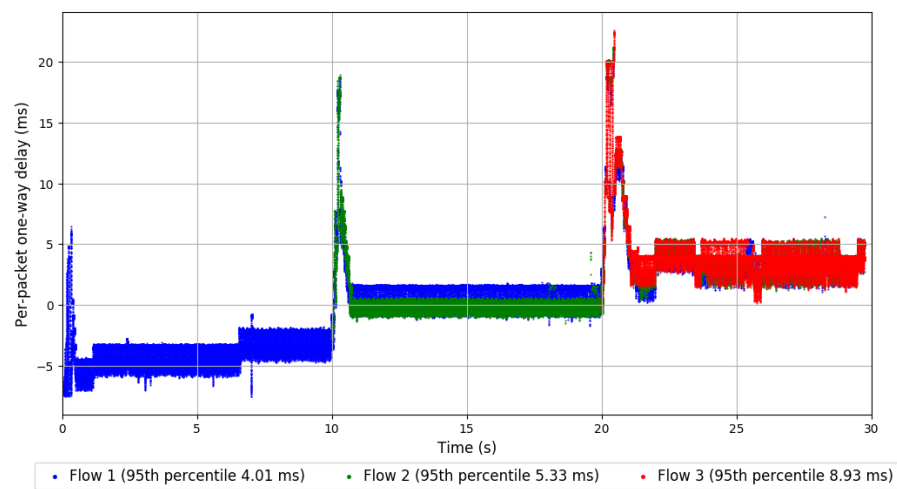
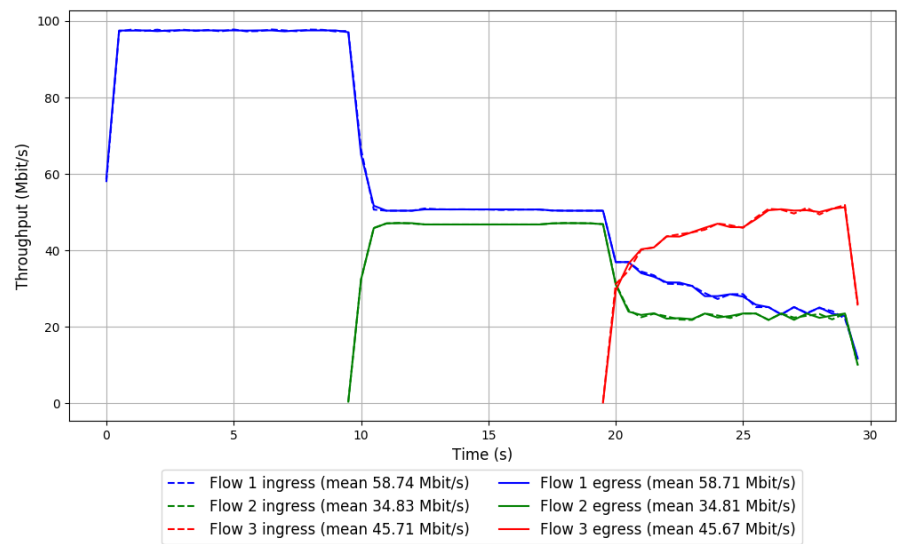


Run 3: Statistics of Indigo-2-256

Start at: 2018-01-26 14:38:26
End at: 2018-01-26 14:38:56
Local clock offset: 4.189 ms
Remote clock offset: -12.743 ms

Below is generated by plot.py at 2018-01-26 17:48:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.86 Mbit/s
95th percentile per-packet one-way delay: 5.217 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 58.71 Mbit/s
95th percentile per-packet one-way delay: 4.008 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 34.81 Mbit/s
95th percentile per-packet one-way delay: 5.332 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 45.67 Mbit/s
95th percentile per-packet one-way delay: 8.931 ms
Loss rate: 0.04%

Run 3: Report of Indigo-2-256 — Data Link

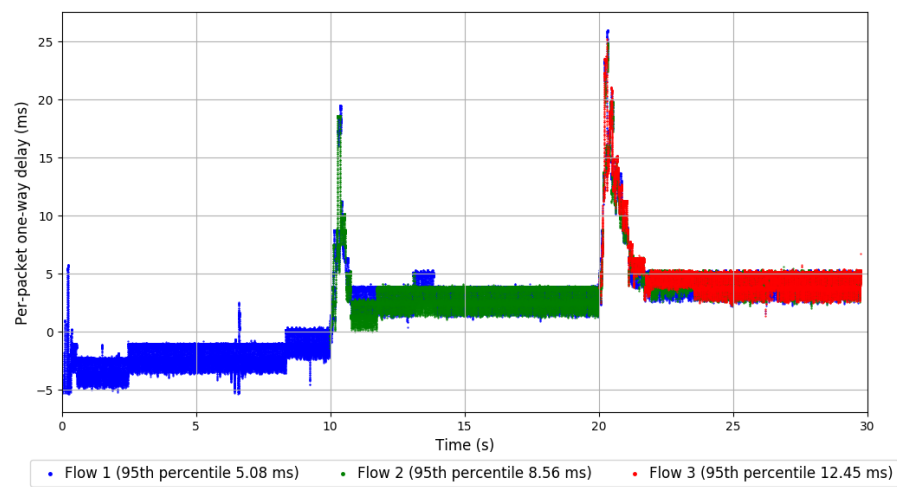
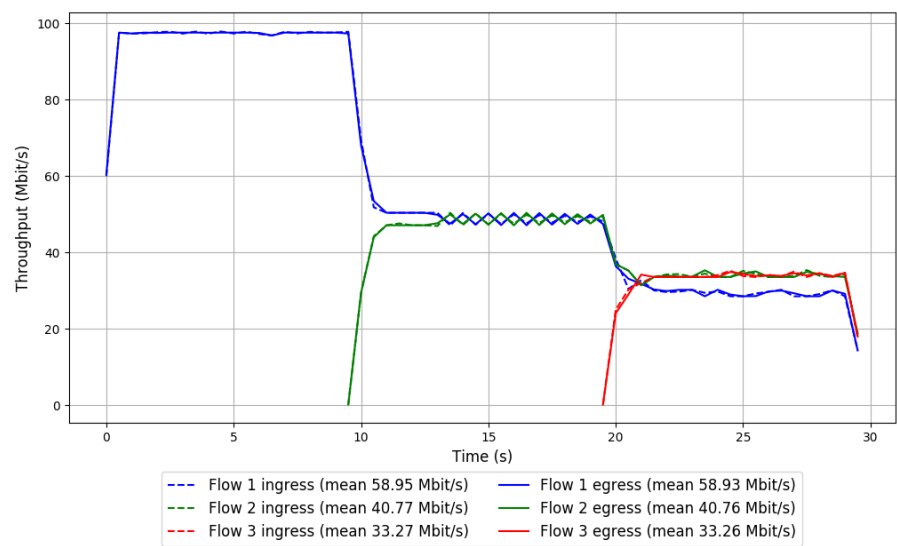


Run 4: Statistics of Indigo-2-256

Start at: 2018-01-26 14:58:43
End at: 2018-01-26 14:59:13
Local clock offset: 1.918 ms
Remote clock offset: -13.539 ms

Below is generated by plot.py at 2018-01-26 17:48:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.88 Mbit/s
95th percentile per-packet one-way delay: 6.301 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 58.93 Mbit/s
95th percentile per-packet one-way delay: 5.080 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 40.76 Mbit/s
95th percentile per-packet one-way delay: 8.564 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 33.26 Mbit/s
95th percentile per-packet one-way delay: 12.447 ms
Loss rate: 0.00%

Run 4: Report of Indigo-2-256 — Data Link

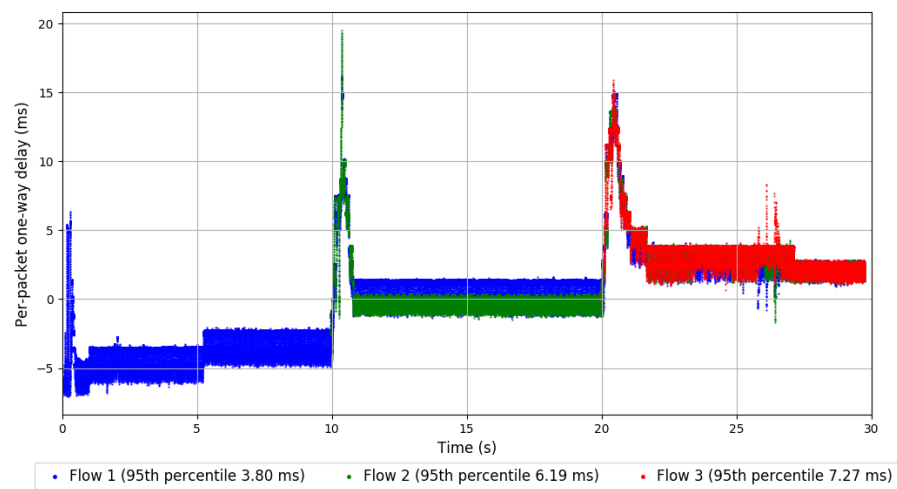
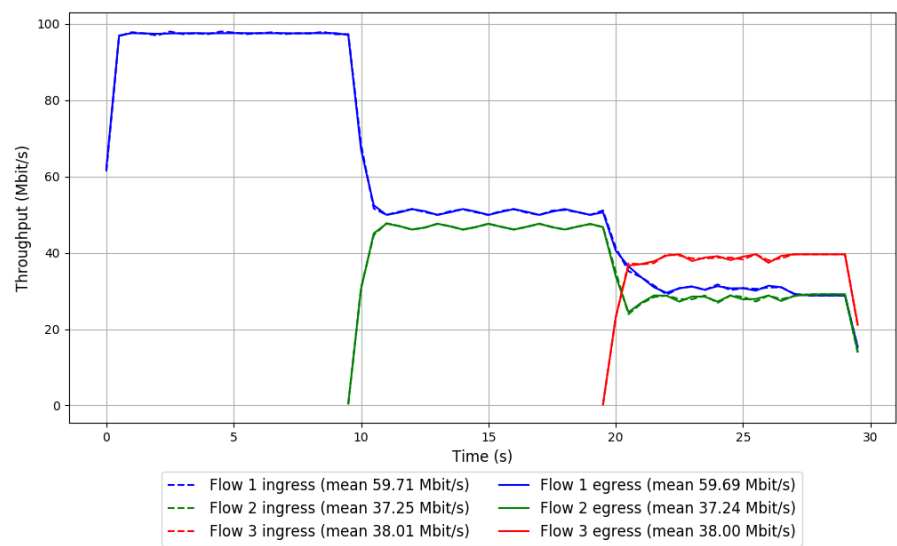


Run 5: Statistics of Indigo-2-256

Start at: 2018-01-26 15:18:04
End at: 2018-01-26 15:18:34
Local clock offset: 3.582 ms
Remote clock offset: -14.436 ms

Below is generated by plot.py at 2018-01-26 17:48:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.91 Mbit/s
95th percentile per-packet one-way delay: 5.022 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.69 Mbit/s
95th percentile per-packet one-way delay: 3.798 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 37.24 Mbit/s
95th percentile per-packet one-way delay: 6.190 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 38.00 Mbit/s
95th percentile per-packet one-way delay: 7.267 ms
Loss rate: 0.00%

Run 5: Report of Indigo-2-256 — Data Link

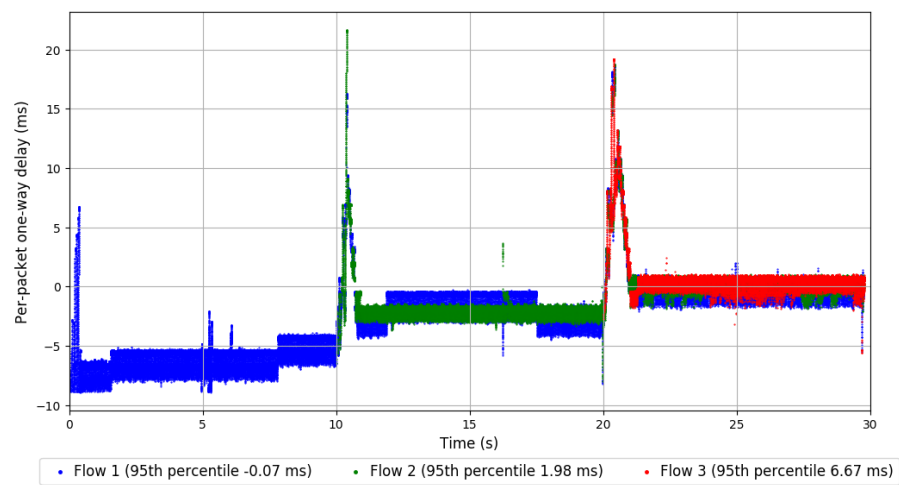
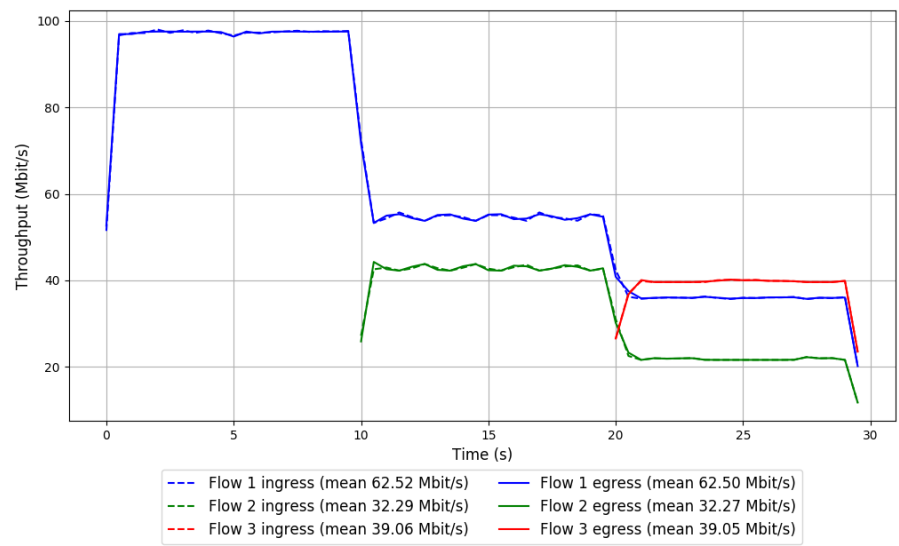


Run 6: Statistics of Indigo-2-256

Start at: 2018-01-26 15:37:04
End at: 2018-01-26 15:37:34
Local clock offset: 3.99 ms
Remote clock offset: -17.006 ms

Below is generated by plot.py at 2018-01-26 17:48:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.72 Mbit/s
95th percentile per-packet one-way delay: 0.841 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 62.50 Mbit/s
95th percentile per-packet one-way delay: -0.066 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.27 Mbit/s
95th percentile per-packet one-way delay: 1.984 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 39.05 Mbit/s
95th percentile per-packet one-way delay: 6.671 ms
Loss rate: 0.00%

Run 6: Report of Indigo-2-256 — Data Link

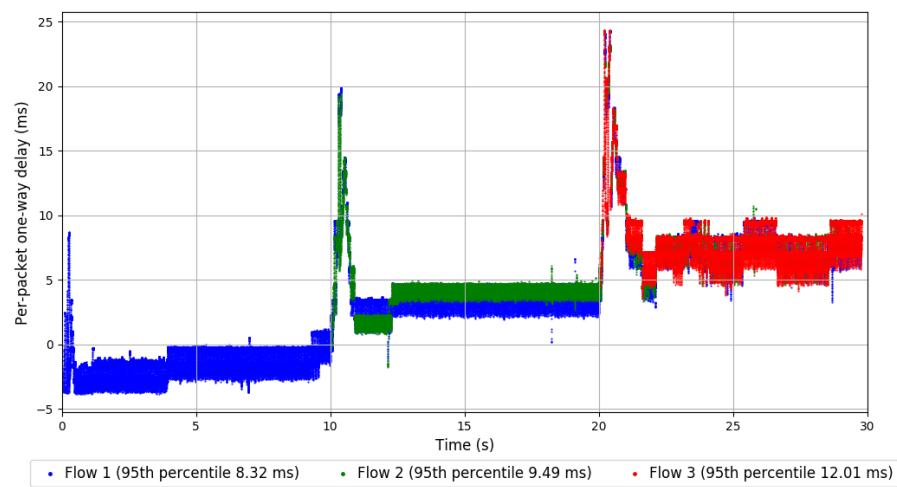
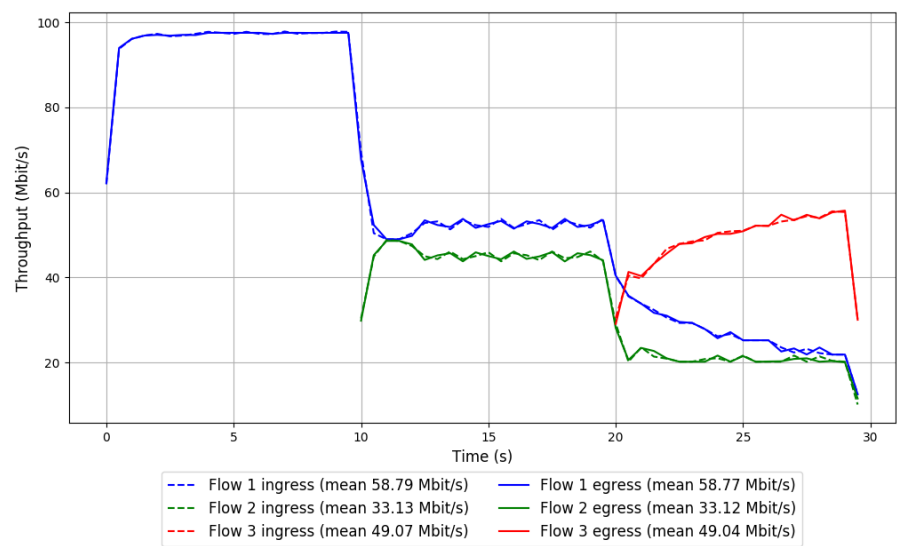


Run 7: Statistics of Indigo-2-256

Start at: 2018-01-26 15:56:08
End at: 2018-01-26 15:56:38
Local clock offset: 0.935 ms
Remote clock offset: -15.962 ms

Below is generated by plot.py at 2018-01-26 17:48:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.80 Mbit/s
95th percentile per-packet one-way delay: 9.530 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 58.77 Mbit/s
95th percentile per-packet one-way delay: 8.321 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 33.12 Mbit/s
95th percentile per-packet one-way delay: 9.488 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 49.04 Mbit/s
95th percentile per-packet one-way delay: 12.010 ms
Loss rate: 0.00%

Run 7: Report of Indigo-2-256 — Data Link

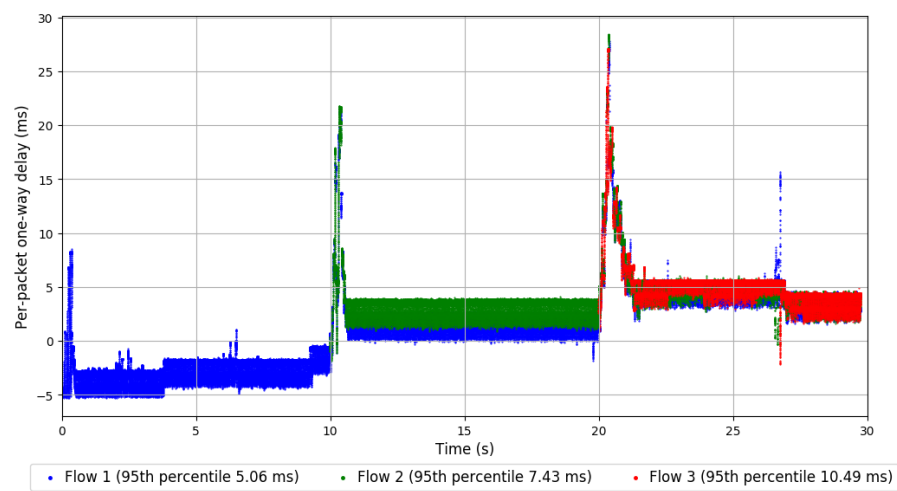
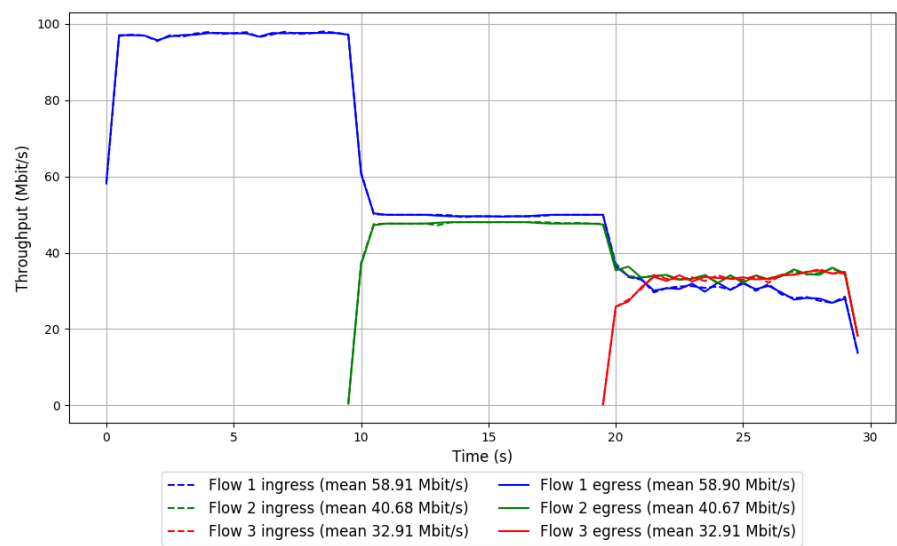


Run 8: Statistics of Indigo-2-256

Start at: 2018-01-26 16:15:42
End at: 2018-01-26 16:16:12
Local clock offset: 1.588 ms
Remote clock offset: -17.798 ms

Below is generated by plot.py at 2018-01-26 17:49:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.76 Mbit/s
95th percentile per-packet one-way delay: 5.804 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 58.90 Mbit/s
95th percentile per-packet one-way delay: 5.058 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 40.67 Mbit/s
95th percentile per-packet one-way delay: 7.428 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 32.91 Mbit/s
95th percentile per-packet one-way delay: 10.486 ms
Loss rate: 0.00%

Run 8: Report of Indigo-2-256 — Data Link

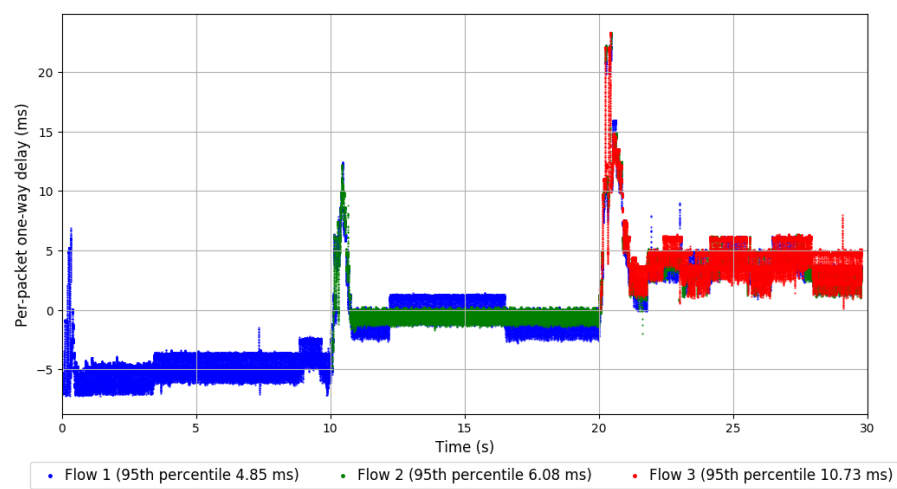
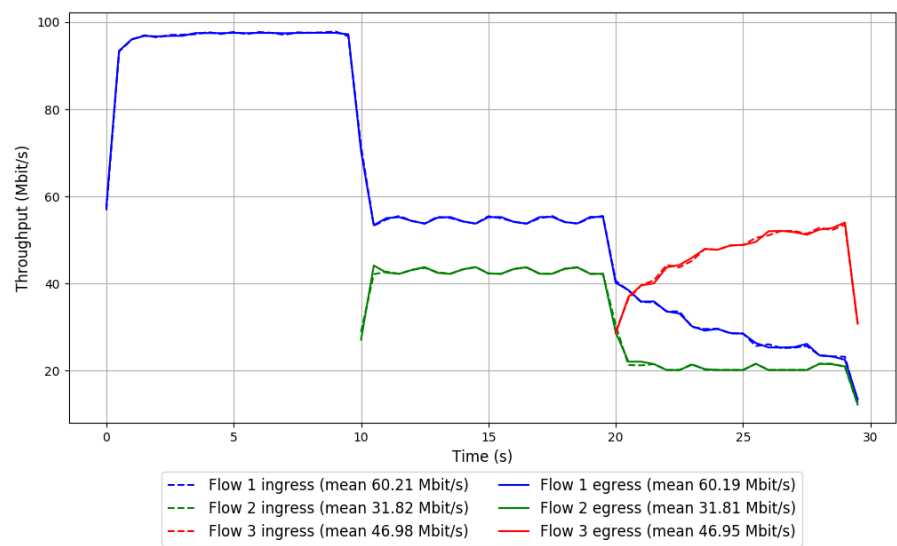


Run 9: Statistics of Indigo-2-256

Start at: 2018-01-26 16:35:14
End at: 2018-01-26 16:35:44
Local clock offset: 3.821 ms
Remote clock offset: -17.765 ms

Below is generated by plot.py at 2018-01-26 17:49:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.70 Mbit/s
95th percentile per-packet one-way delay: 6.076 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 60.19 Mbit/s
95th percentile per-packet one-way delay: 4.846 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 31.81 Mbit/s
95th percentile per-packet one-way delay: 6.080 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 46.95 Mbit/s
95th percentile per-packet one-way delay: 10.726 ms
Loss rate: 0.01%

Run 9: Report of Indigo-2-256 — Data Link

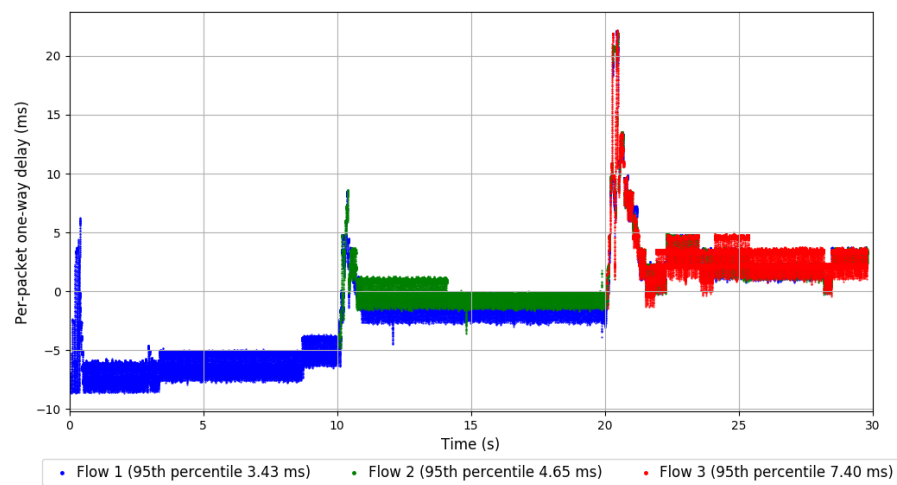
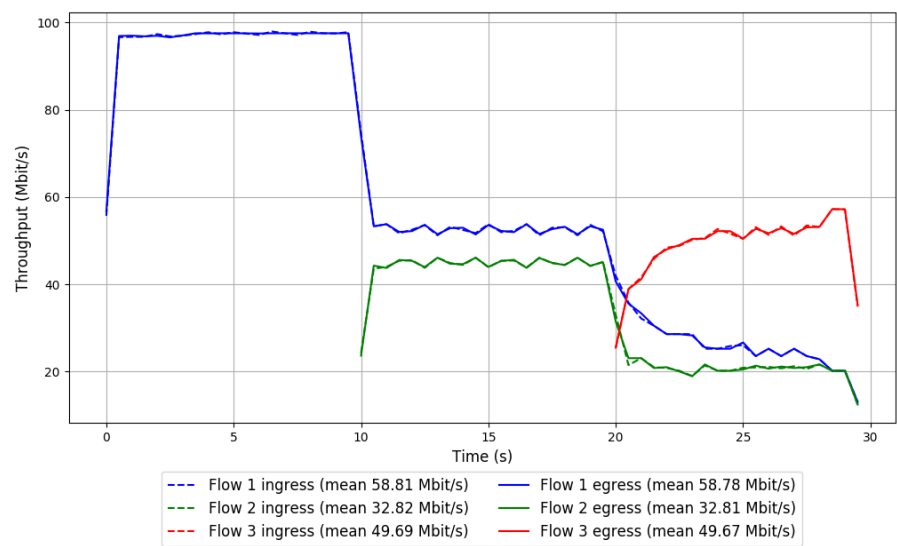


Run 10: Statistics of Indigo-2-256

Start at: 2018-01-26 16:54:28
End at: 2018-01-26 16:54:58
Local clock offset: 4.74 ms
Remote clock offset: -18.712 ms

Below is generated by plot.py at 2018-01-26 17:49:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.78 Mbit/s
95th percentile per-packet one-way delay: 4.495 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 58.78 Mbit/s
95th percentile per-packet one-way delay: 3.426 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.81 Mbit/s
95th percentile per-packet one-way delay: 4.654 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 49.67 Mbit/s
95th percentile per-packet one-way delay: 7.399 ms
Loss rate: 0.00%

Run 10: Report of Indigo-2-256 — Data Link

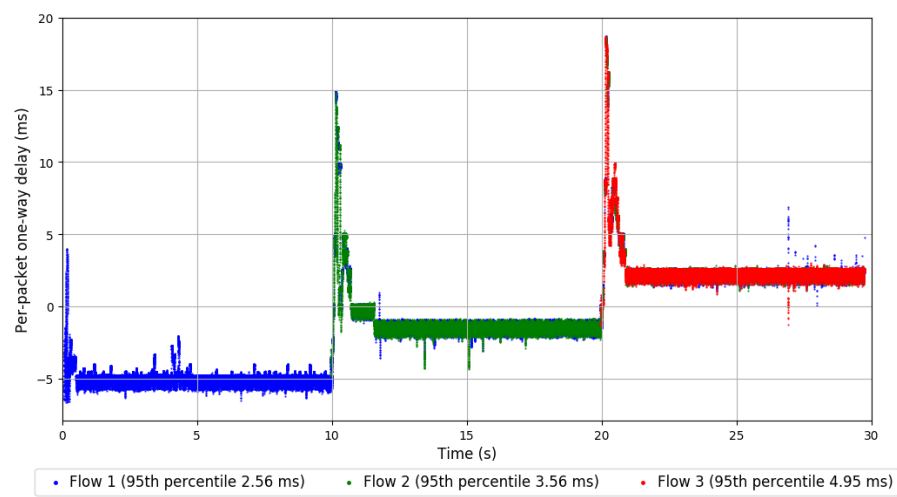
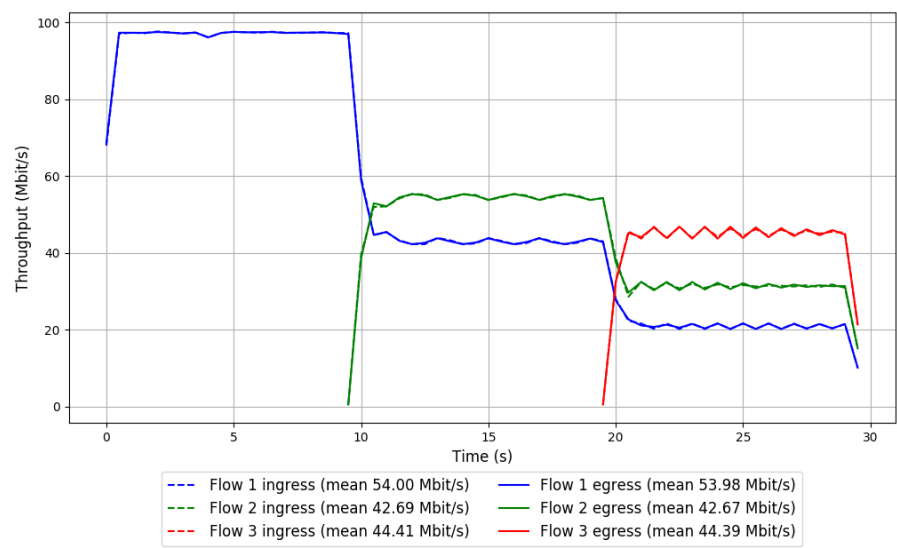


```
Run 1: Statistics of Indigo-1-32

Start at: 2018-01-26 14:06:48
End at: 2018-01-26 14:07:18
Local clock offset: 2.296 ms
Remote clock offset: -14.315 ms

# Below is generated by plot.py at 2018-01-26 17:49:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.96 Mbit/s
95th percentile per-packet one-way delay: 2.616 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.98 Mbit/s
95th percentile per-packet one-way delay: 2.560 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 42.67 Mbit/s
95th percentile per-packet one-way delay: 3.559 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 44.39 Mbit/s
95th percentile per-packet one-way delay: 4.948 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo-1-32 — Data Link

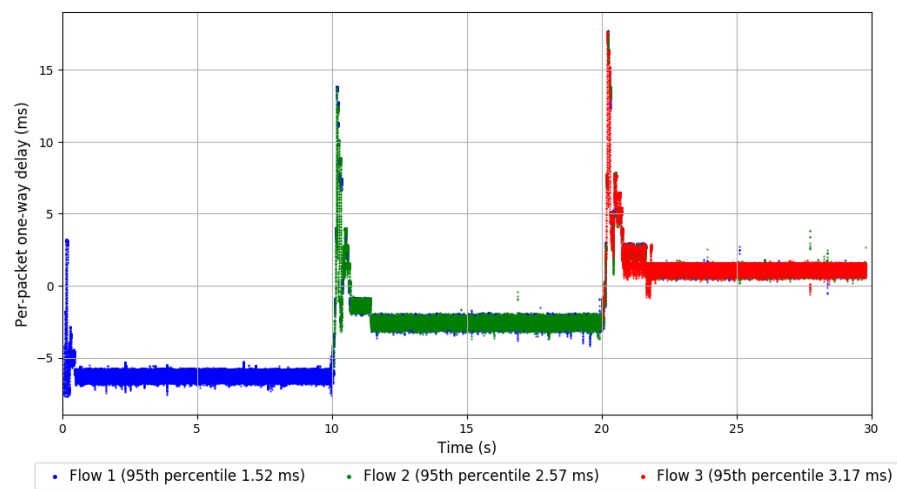
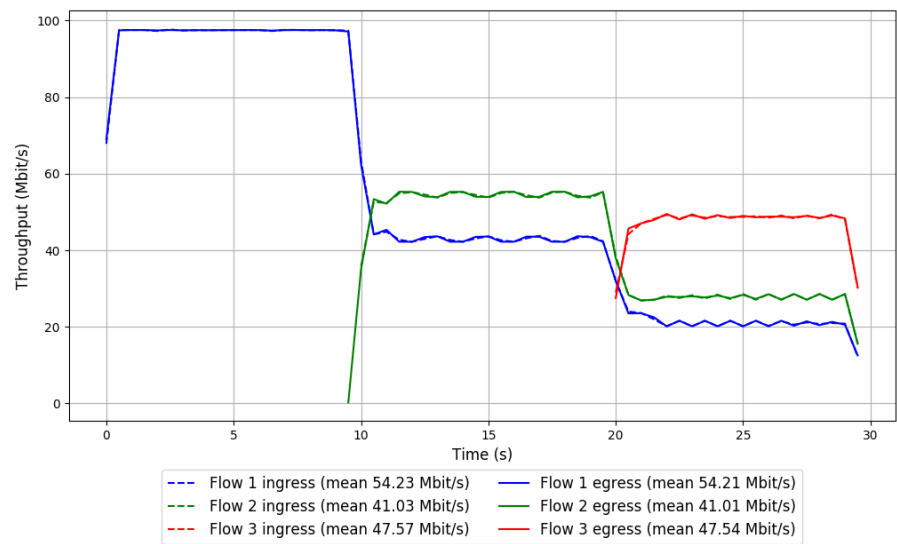


Run 2: Statistics of Indigo-1-32

Start at: 2018-01-26 14:27:18
End at: 2018-01-26 14:27:48
Local clock offset: 3.876 ms
Remote clock offset: -13.523 ms

Below is generated by plot.py at 2018-01-26 17:49:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.03 Mbit/s
95th percentile per-packet one-way delay: 2.125 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 54.21 Mbit/s
95th percentile per-packet one-way delay: 1.525 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.01 Mbit/s
95th percentile per-packet one-way delay: 2.568 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 47.54 Mbit/s
95th percentile per-packet one-way delay: 3.168 ms
Loss rate: 0.00%

Run 2: Report of Indigo-1-32 — Data Link

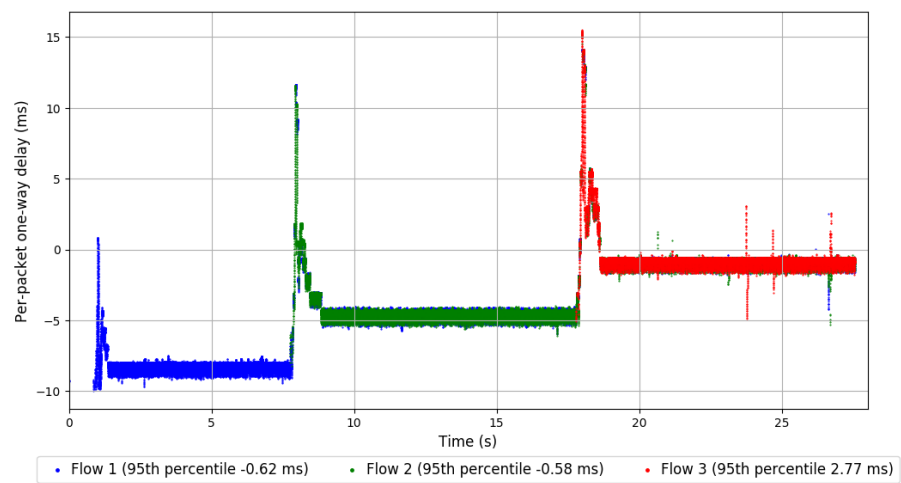
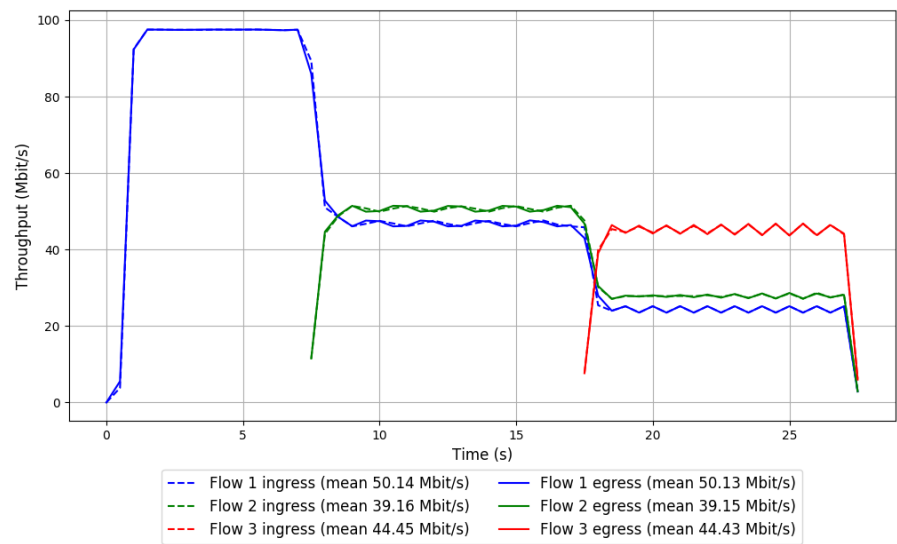


Run 3: Statistics of Indigo-1-32

Start at: 2018-01-26 14:46:47
End at: 2018-01-26 14:47:17
Local clock offset: 0.564 ms
Remote clock offset: -18.148 ms

Below is generated by plot.py at 2018-01-26 17:50:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.98 Mbit/s
95th percentile per-packet one-way delay: -0.592 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.13 Mbit/s
95th percentile per-packet one-way delay: -0.620 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.15 Mbit/s
95th percentile per-packet one-way delay: -0.578 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 44.43 Mbit/s
95th percentile per-packet one-way delay: 2.771 ms
Loss rate: 0.00%

Run 3: Report of Indigo-1-32 — Data Link

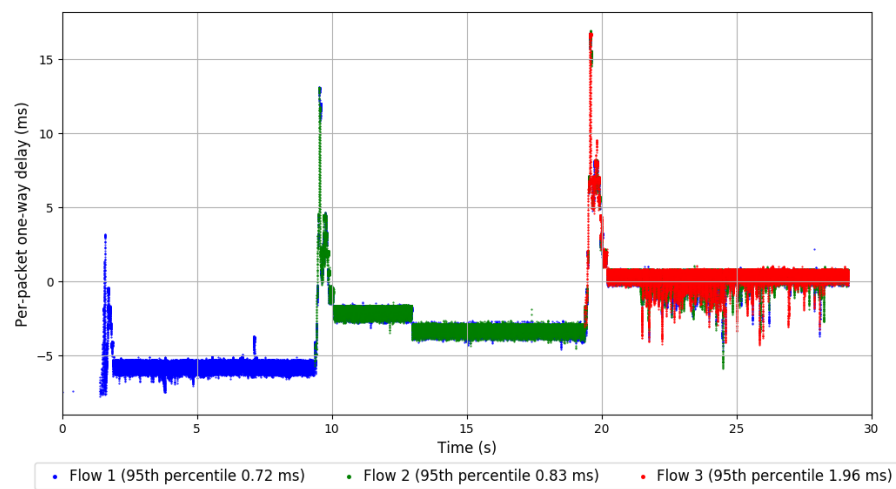
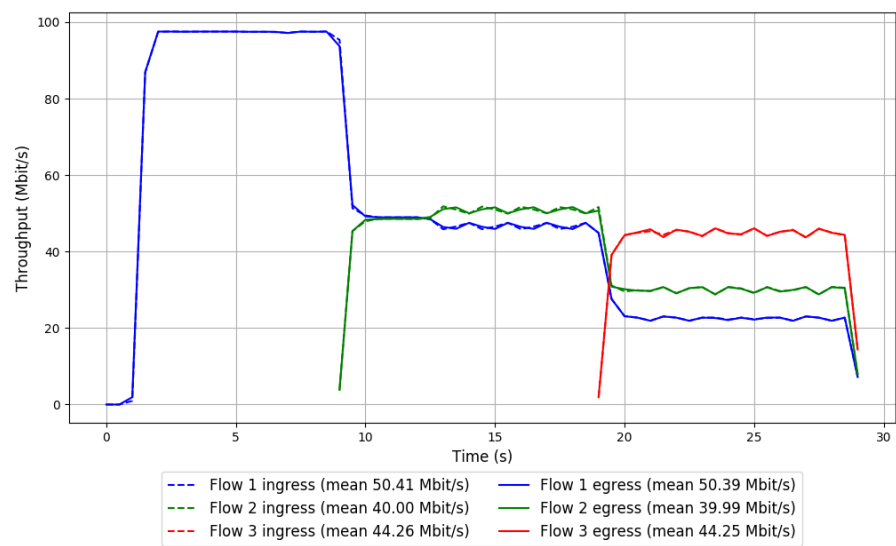


Run 4: Statistics of Indigo-1-32

Start at: 2018-01-26 15:07:02
End at: 2018-01-26 15:07:32
Local clock offset: 3.301 ms
Remote clock offset: -14.954 ms

Below is generated by plot.py at 2018-01-26 17:50:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.35 Mbit/s
95th percentile per-packet one-way delay: 0.796 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 50.39 Mbit/s
95th percentile per-packet one-way delay: 0.716 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 39.99 Mbit/s
95th percentile per-packet one-way delay: 0.831 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 44.25 Mbit/s
95th percentile per-packet one-way delay: 1.964 ms
Loss rate: 0.00%

Run 4: Report of Indigo-1-32 — Data Link

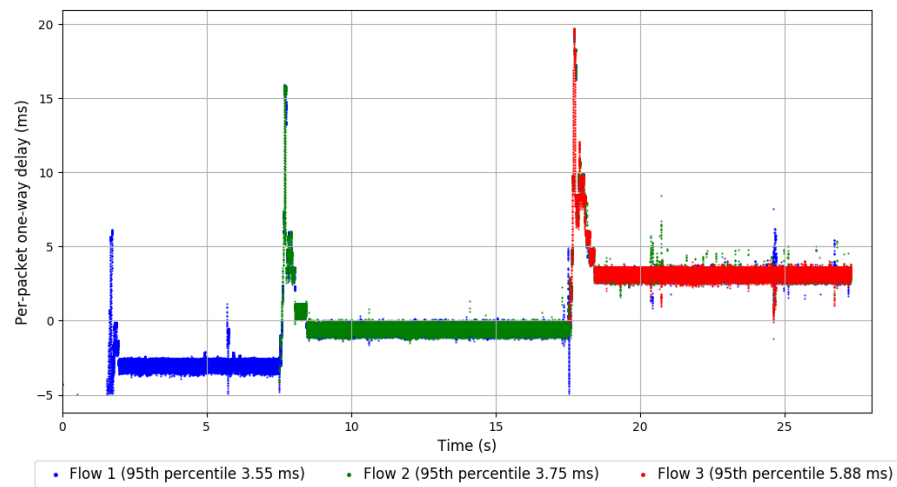
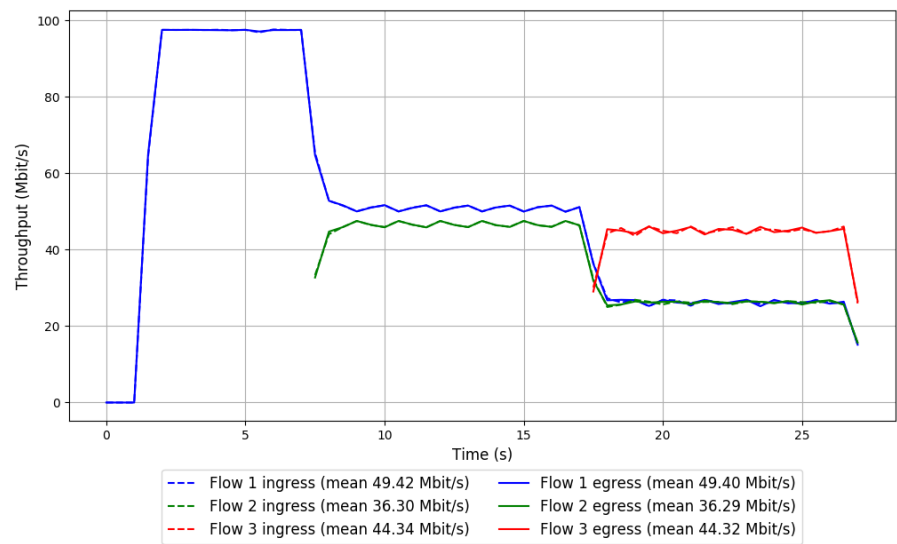


Run 5: Statistics of Indigo-1-32

Start at: 2018-01-26 15:26:16
End at: 2018-01-26 15:26:46
Local clock offset: 0.091 ms
Remote clock offset: -15.918 ms

Below is generated by plot.py at 2018-01-26 17:50:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.55 Mbit/s
95th percentile per-packet one-way delay: 3.596 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 49.40 Mbit/s
95th percentile per-packet one-way delay: 3.547 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 36.29 Mbit/s
95th percentile per-packet one-way delay: 3.745 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 44.32 Mbit/s
95th percentile per-packet one-way delay: 5.881 ms
Loss rate: 0.00%

Run 5: Report of Indigo-1-32 — Data Link

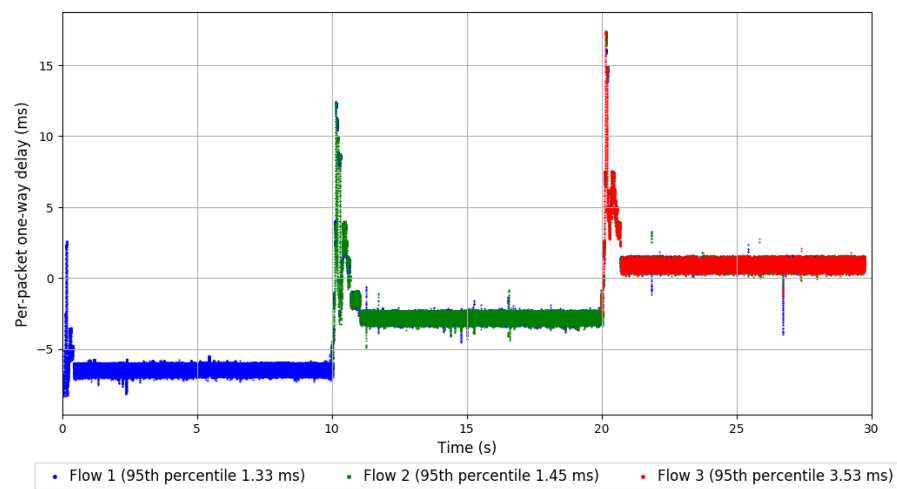
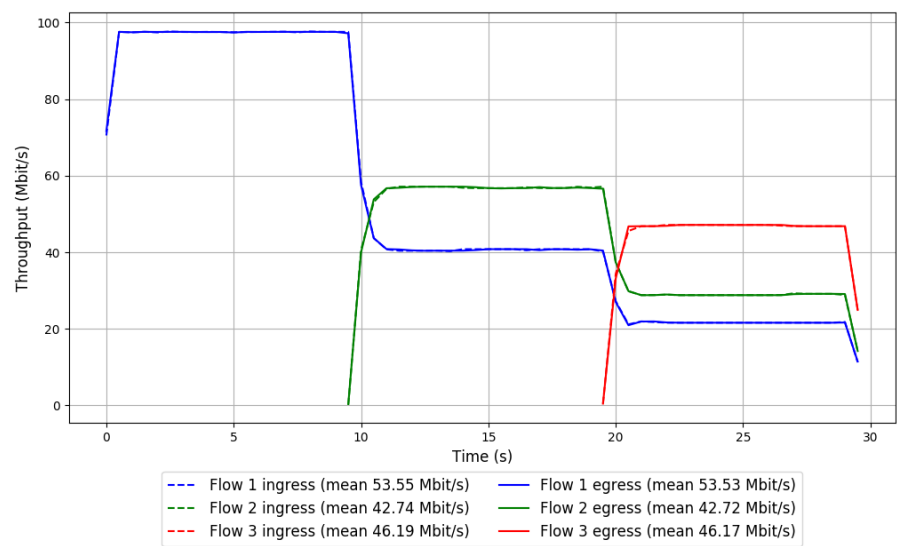


Run 6: Statistics of Indigo-1-32

Start at: 2018-01-26 15:45:14
End at: 2018-01-26 15:45:44
Local clock offset: 4.49 ms
Remote clock offset: -16.805 ms

Below is generated by plot.py at 2018-01-26 17:50:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 1.380 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 53.53 Mbit/s
95th percentile per-packet one-way delay: 1.334 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 42.72 Mbit/s
95th percentile per-packet one-way delay: 1.451 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 46.17 Mbit/s
95th percentile per-packet one-way delay: 3.529 ms
Loss rate: 0.00%

Run 6: Report of Indigo-1-32 — Data Link

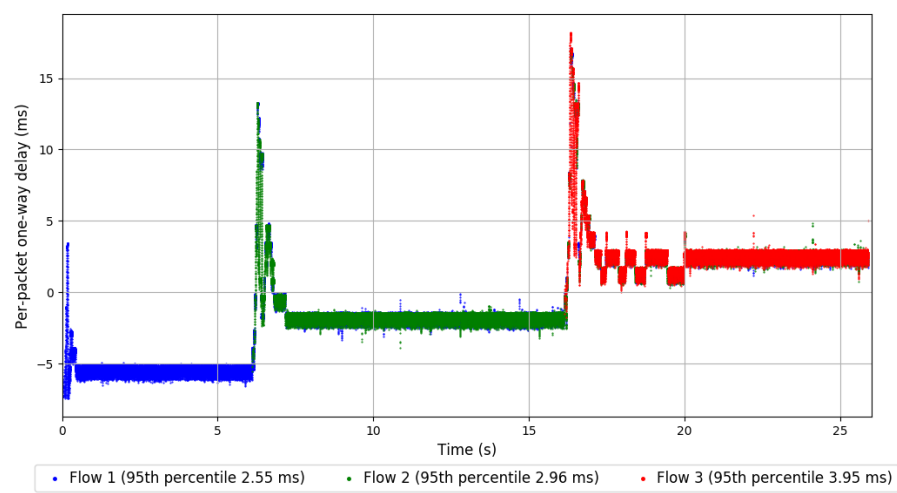
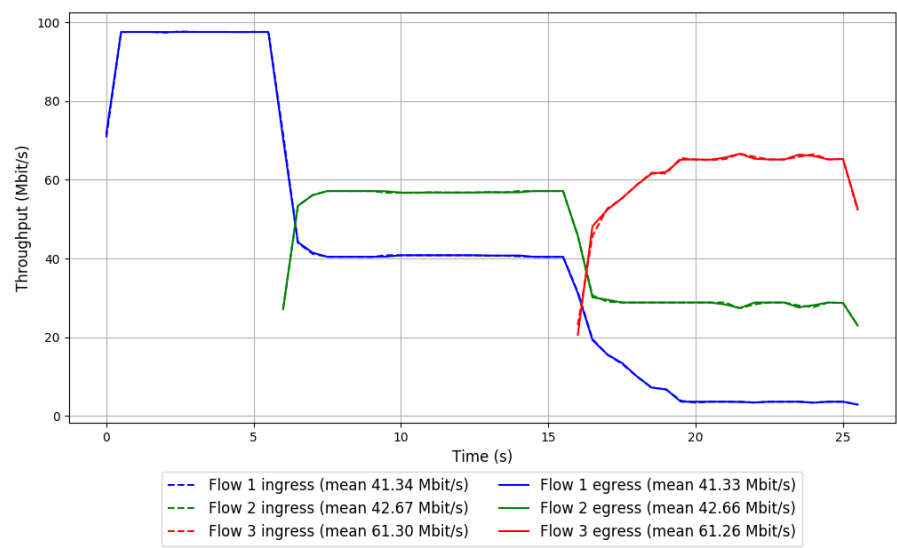


Run 7: Statistics of Indigo-1-32

Start at: 2018-01-26 16:04:19
End at: 2018-01-26 16:04:49
Local clock offset: 1.978 ms
Remote clock offset: -18.97 ms

Below is generated by plot.py at 2018-01-26 17:50:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.02 Mbit/s
95th percentile per-packet one-way delay: 2.965 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 41.33 Mbit/s
95th percentile per-packet one-way delay: 2.550 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 42.66 Mbit/s
95th percentile per-packet one-way delay: 2.962 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 61.26 Mbit/s
95th percentile per-packet one-way delay: 3.950 ms
Loss rate: 0.00%

Run 7: Report of Indigo-1-32 — Data Link

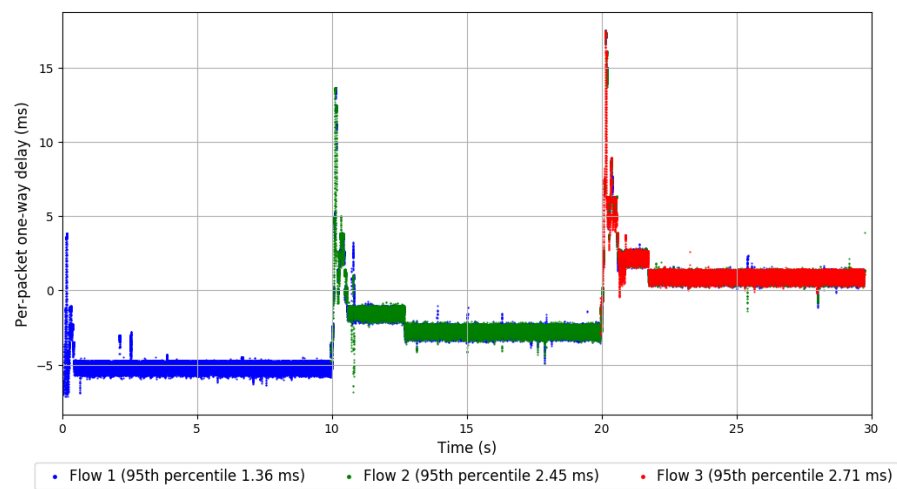
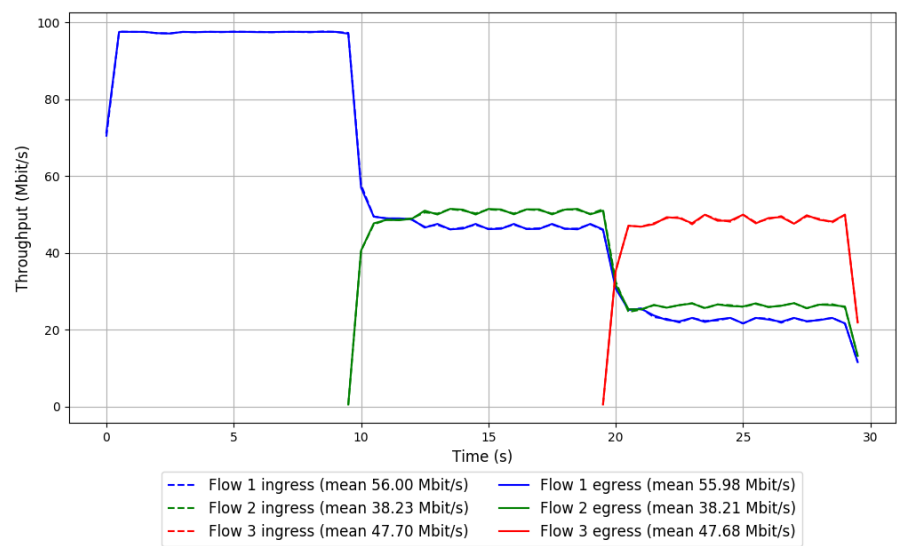


Run 8: Statistics of Indigo-1-32

Start at: 2018-01-26 16:24:03
End at: 2018-01-26 16:24:33
Local clock offset: 2.973 ms
Remote clock offset: -18.211 ms

Below is generated by plot.py at 2018-01-26 17:51:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.06 Mbit/s
95th percentile per-packet one-way delay: 2.352 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.98 Mbit/s
95th percentile per-packet one-way delay: 1.359 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.21 Mbit/s
95th percentile per-packet one-way delay: 2.447 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 47.68 Mbit/s
95th percentile per-packet one-way delay: 2.714 ms
Loss rate: 0.00%

Run 8: Report of Indigo-1-32 — Data Link

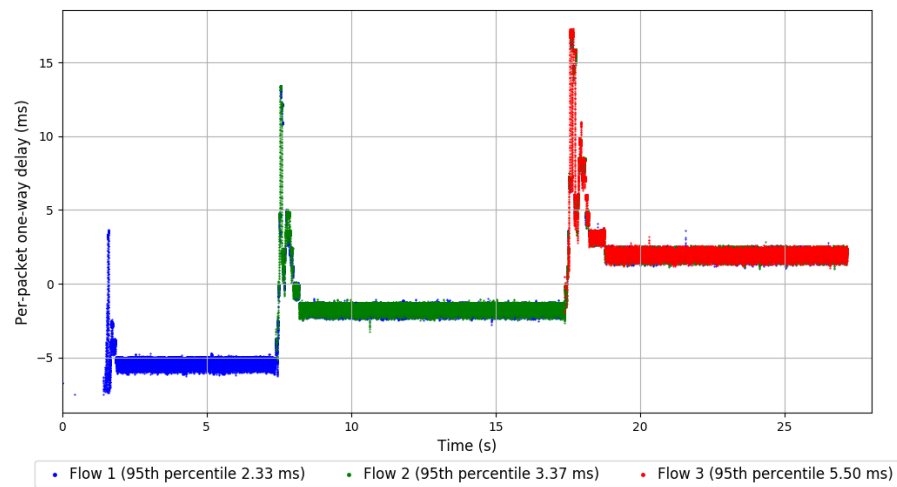
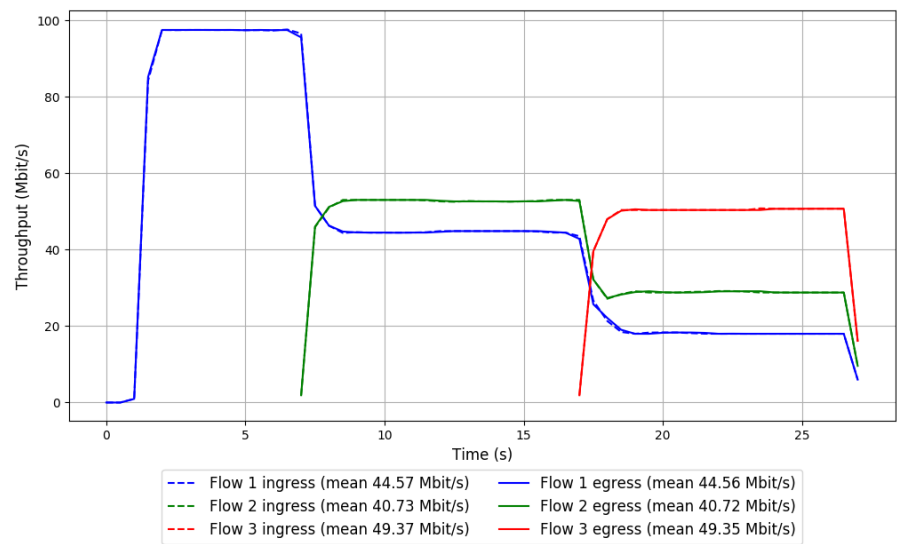


Run 9: Statistics of Indigo-1-32

Start at: 2018-01-26 16:43:26
End at: 2018-01-26 16:43:56
Local clock offset: 2.313 ms
Remote clock offset: -19.252 ms

Below is generated by plot.py at 2018-01-26 17:51:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.93 Mbit/s
95th percentile per-packet one-way delay: 3.344 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 44.56 Mbit/s
95th percentile per-packet one-way delay: 2.332 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 40.72 Mbit/s
95th percentile per-packet one-way delay: 3.365 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 49.35 Mbit/s
95th percentile per-packet one-way delay: 5.495 ms
Loss rate: 0.01%

Run 9: Report of Indigo-1-32 — Data Link

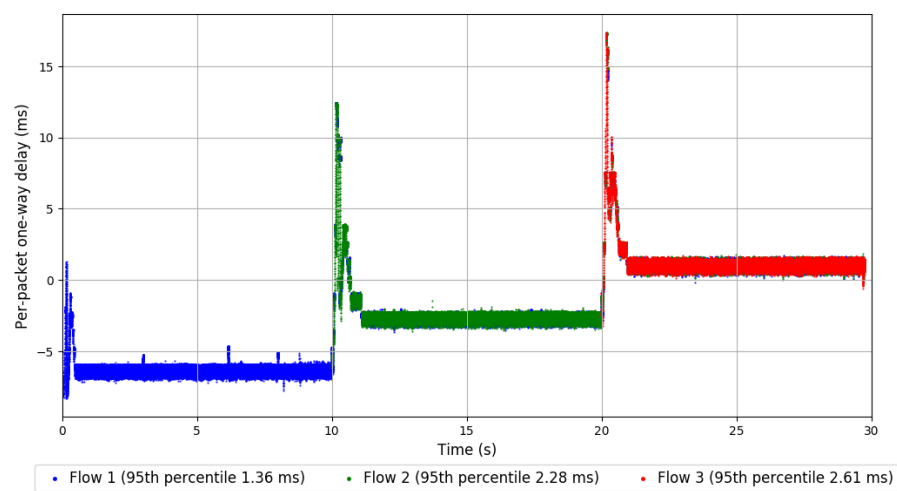
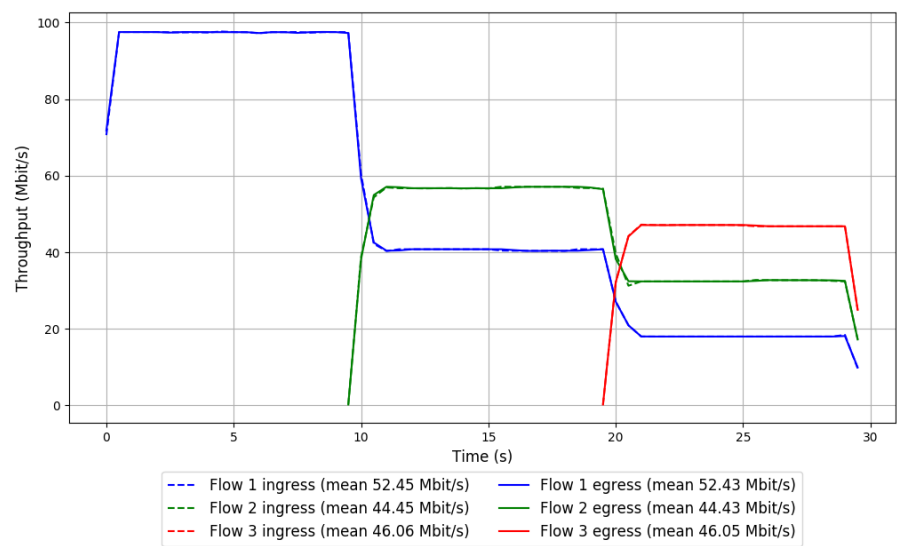


Run 10: Statistics of Indigo-1-32

Start at: 2018-01-26 17:02:39
End at: 2018-01-26 17:03:09
Local clock offset: 2.511 ms
Remote clock offset: -21.128 ms

Below is generated by plot.py at 2018-01-26 17:51:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.08 Mbit/s
95th percentile per-packet one-way delay: 1.450 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 52.43 Mbit/s
95th percentile per-packet one-way delay: 1.358 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 44.43 Mbit/s
95th percentile per-packet one-way delay: 2.278 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 46.05 Mbit/s
95th percentile per-packet one-way delay: 2.610 ms
Loss rate: 0.00%

Run 10: Report of Indigo-1-32 — Data Link

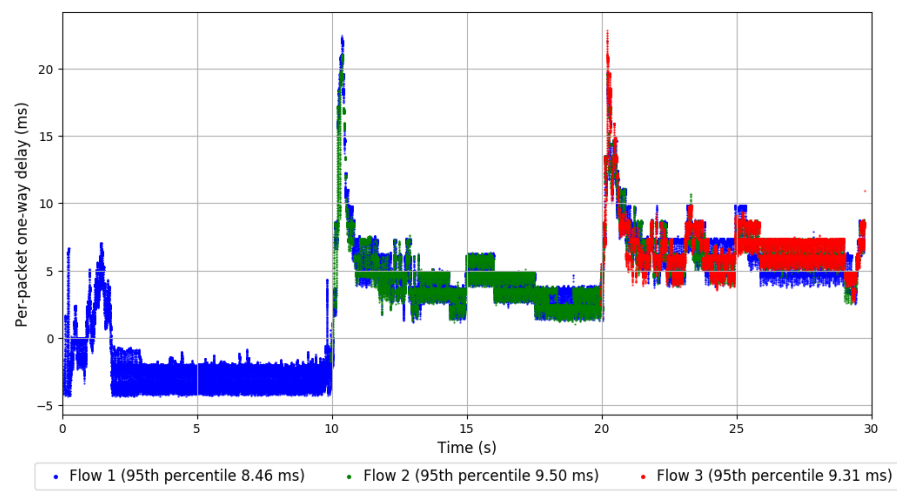
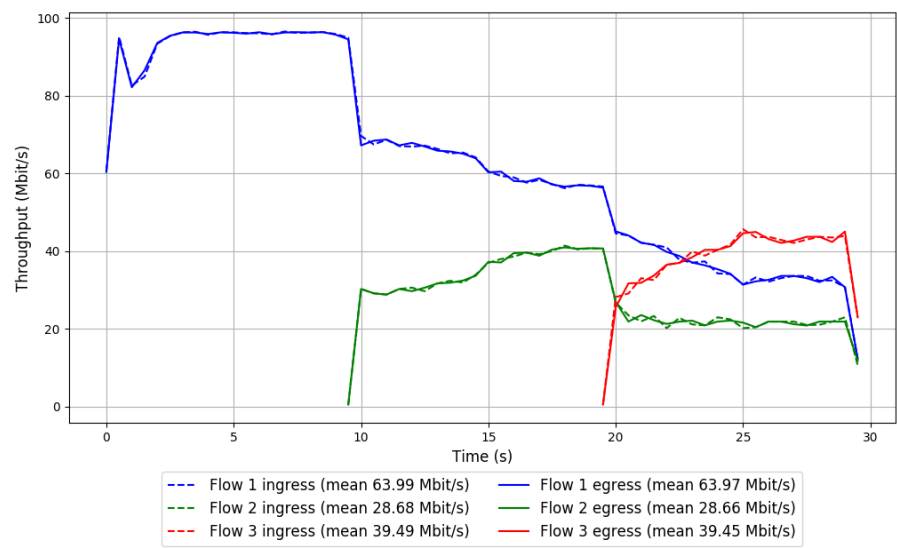


Run 1: Statistics of Indigo-1-128

Start at: 2018-01-26 13:55:28
End at: 2018-01-26 13:55:58
Local clock offset: 0.694 ms
Remote clock offset: -13.667 ms

Below is generated by plot.py at 2018-01-26 17:51:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.96 Mbit/s
95th percentile per-packet one-way delay: 8.573 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 63.97 Mbit/s
95th percentile per-packet one-way delay: 8.460 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 28.66 Mbit/s
95th percentile per-packet one-way delay: 9.497 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 39.45 Mbit/s
95th percentile per-packet one-way delay: 9.312 ms
Loss rate: 0.01%

Run 1: Report of Indigo-1-128 — Data Link

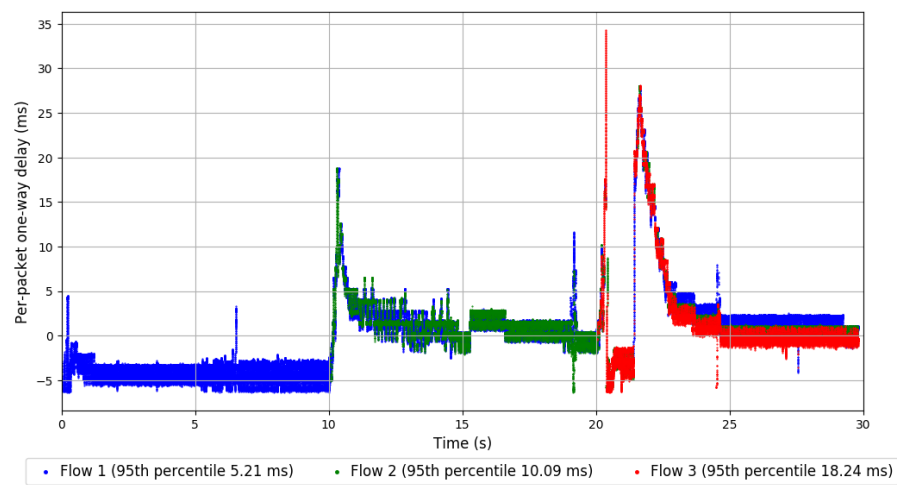
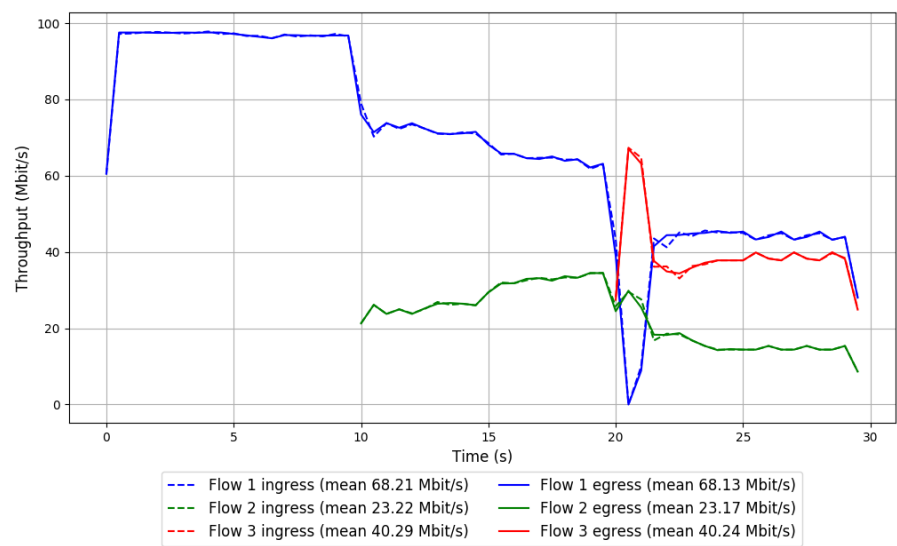


Run 2: Statistics of Indigo-1-128

Start at: 2018-01-26 14:16:06
End at: 2018-01-26 14:16:36
Local clock offset: 2.153 ms
Remote clock offset: -14.056 ms

Below is generated by plot.py at 2018-01-26 17:51:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.62 Mbit/s
95th percentile per-packet one-way delay: 7.890 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 68.13 Mbit/s
95th percentile per-packet one-way delay: 5.211 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 23.17 Mbit/s
95th percentile per-packet one-way delay: 10.093 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 40.24 Mbit/s
95th percentile per-packet one-way delay: 18.243 ms
Loss rate: 0.15%

Run 2: Report of Indigo-1-128 — Data Link

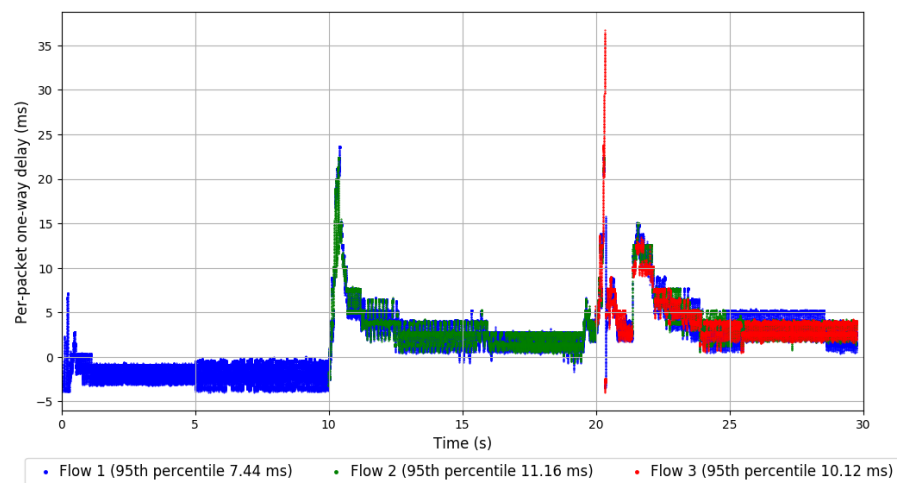
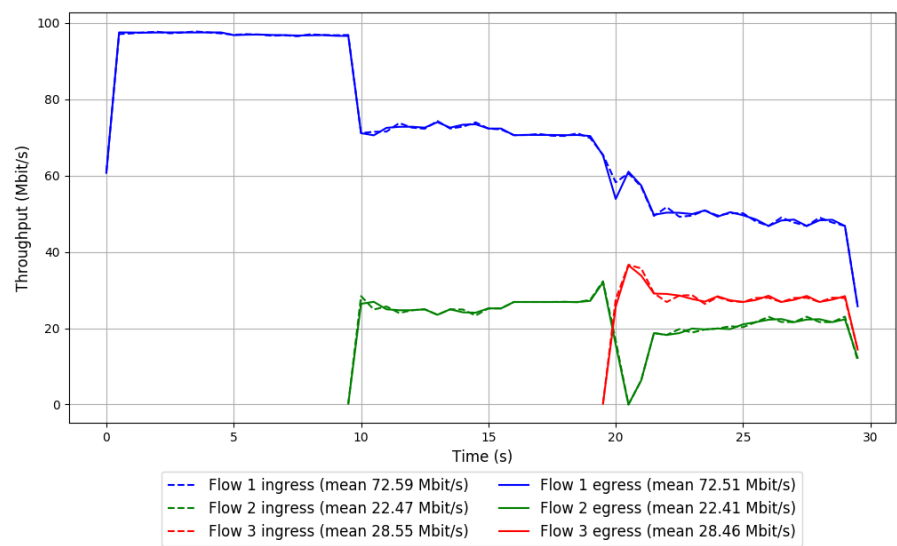


Run 3: Statistics of Indigo-1-128

Start at: 2018-01-26 14:35:55
End at: 2018-01-26 14:36:25
Local clock offset: 0.758 ms
Remote clock offset: -12.753 ms

Below is generated by plot.py at 2018-01-26 17:51:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.75 Mbit/s
95th percentile per-packet one-way delay: 8.603 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 72.51 Mbit/s
95th percentile per-packet one-way delay: 7.443 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 22.41 Mbit/s
95th percentile per-packet one-way delay: 11.161 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 28.46 Mbit/s
95th percentile per-packet one-way delay: 10.123 ms
Loss rate: 0.34%

Run 3: Report of Indigo-1-128 — Data Link

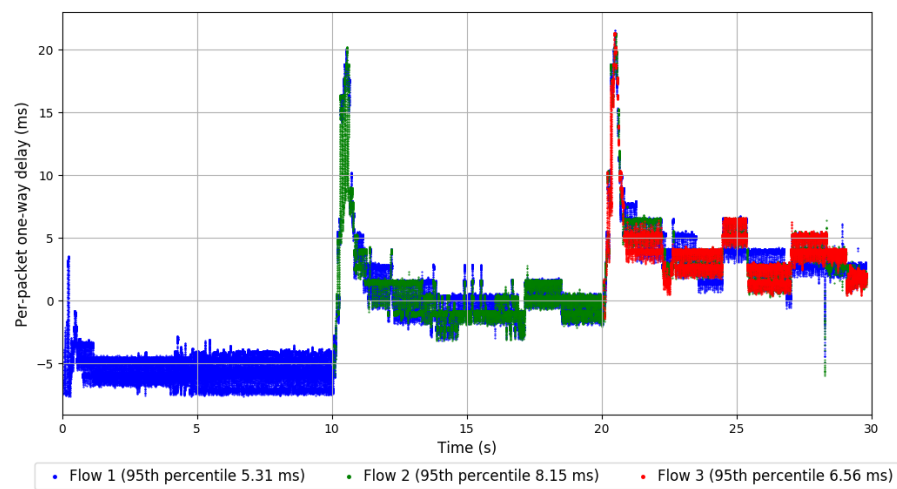
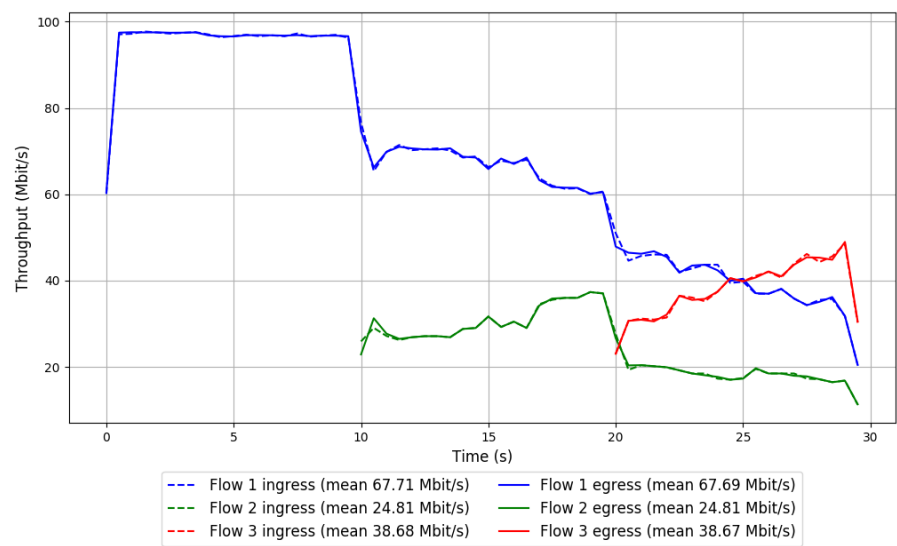


Run 4: Statistics of Indigo-1-128

Start at: 2018-01-26 14:56:02
End at: 2018-01-26 14:56:32
Local clock offset: 3.439 ms
Remote clock offset: -13.921 ms

Below is generated by plot.py at 2018-01-26 17:51:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.74 Mbit/s
95th percentile per-packet one-way delay: 6.390 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 67.69 Mbit/s
95th percentile per-packet one-way delay: 5.306 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.81 Mbit/s
95th percentile per-packet one-way delay: 8.152 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 38.67 Mbit/s
95th percentile per-packet one-way delay: 6.564 ms
Loss rate: 0.00%

Run 4: Report of Indigo-1-128 — Data Link

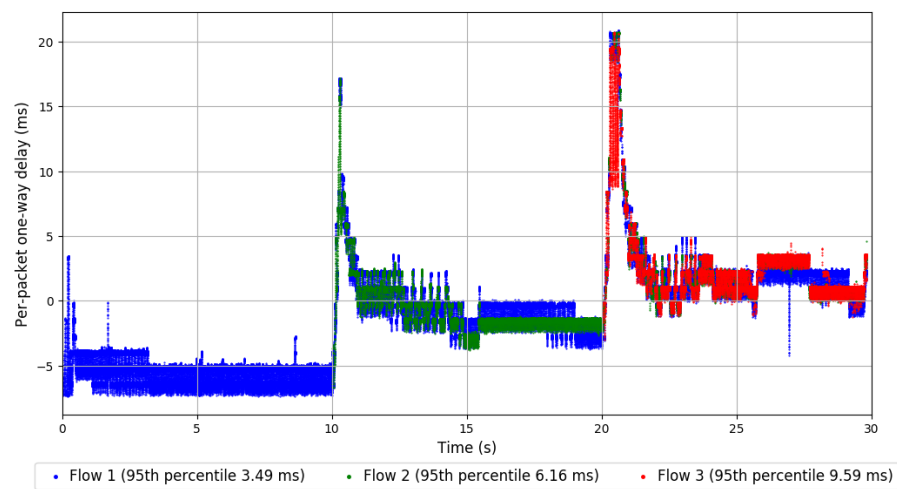
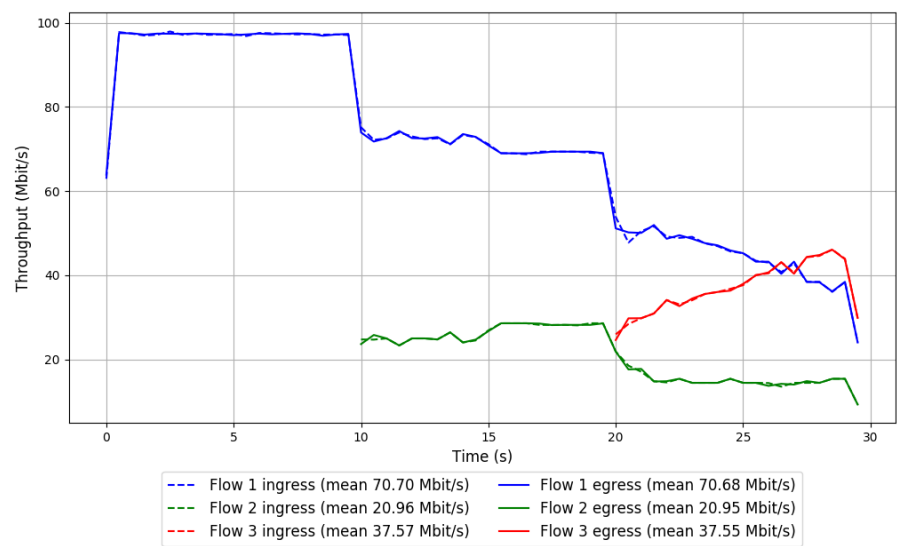


Run 5: Statistics of Indigo-1-128

Start at: 2018-01-26 15:15:36
End at: 2018-01-26 15:16:06
Local clock offset: 3.23 ms
Remote clock offset: -15.082 ms

Below is generated by plot.py at 2018-01-26 17:52:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.89 Mbit/s
95th percentile per-packet one-way delay: 4.530 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 70.68 Mbit/s
95th percentile per-packet one-way delay: 3.490 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 20.95 Mbit/s
95th percentile per-packet one-way delay: 6.155 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 37.55 Mbit/s
95th percentile per-packet one-way delay: 9.594 ms
Loss rate: 0.00%

Run 5: Report of Indigo-1-128 — Data Link

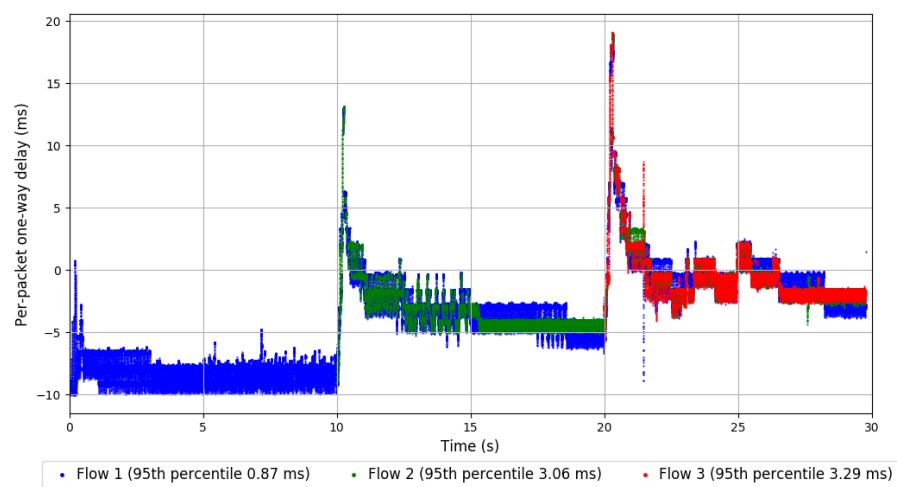
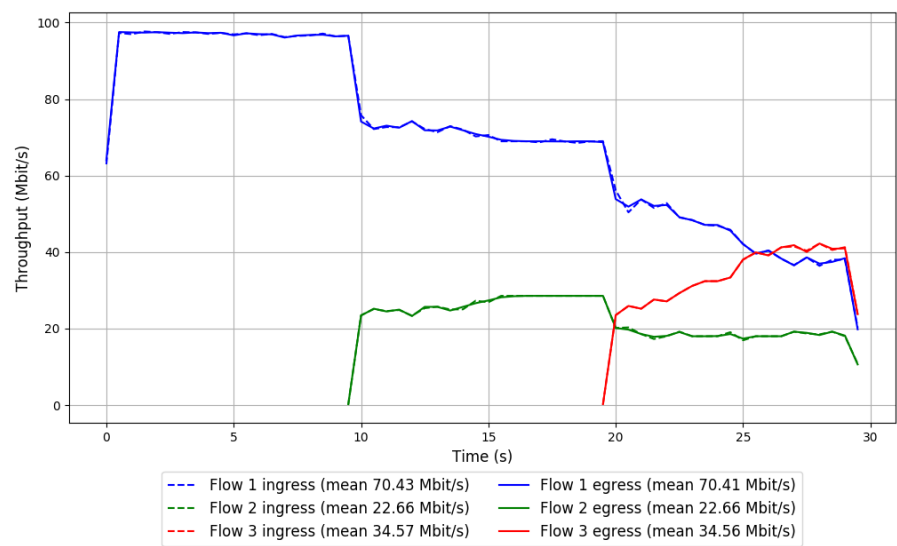


Run 6: Statistics of Indigo-1-128

Start at: 2018-01-26 15:34:38
End at: 2018-01-26 15:35:08
Local clock offset: 4.199 ms
Remote clock offset: -17.741 ms

Below is generated by plot.py at 2018-01-26 17:52:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.80 Mbit/s
95th percentile per-packet one-way delay: 1.856 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 70.41 Mbit/s
95th percentile per-packet one-way delay: 0.866 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 22.66 Mbit/s
95th percentile per-packet one-way delay: 3.061 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 34.56 Mbit/s
95th percentile per-packet one-way delay: 3.286 ms
Loss rate: 0.00%

Run 6: Report of Indigo-1-128 — Data Link

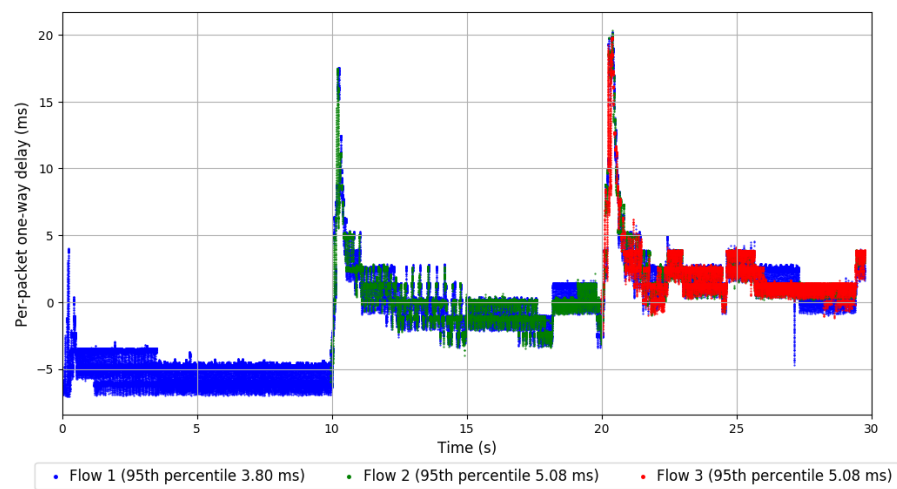
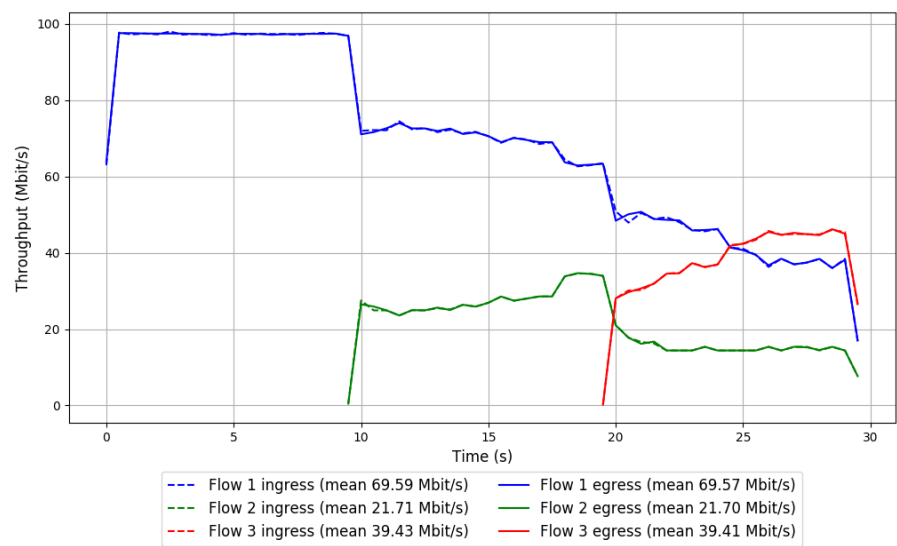


Run 7: Statistics of Indigo-1-128

Start at: 2018-01-26 15:53:47
End at: 2018-01-26 15:54:17
Local clock offset: 4.299 ms
Remote clock offset: -15.942 ms

Below is generated by plot.py at 2018-01-26 17:52:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.90 Mbit/s
95th percentile per-packet one-way delay: 3.852 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 69.57 Mbit/s
95th percentile per-packet one-way delay: 3.796 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 21.70 Mbit/s
95th percentile per-packet one-way delay: 5.080 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 39.41 Mbit/s
95th percentile per-packet one-way delay: 5.084 ms
Loss rate: 0.00%

Run 7: Report of Indigo-1-128 — Data Link

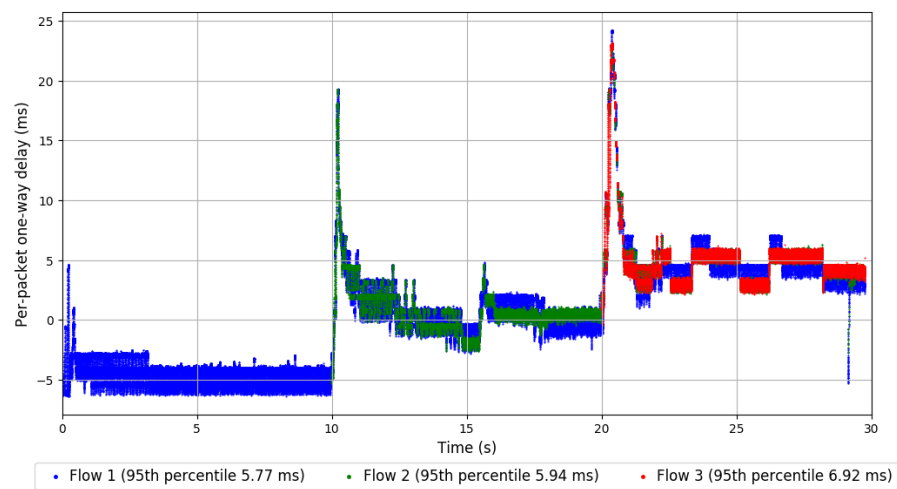
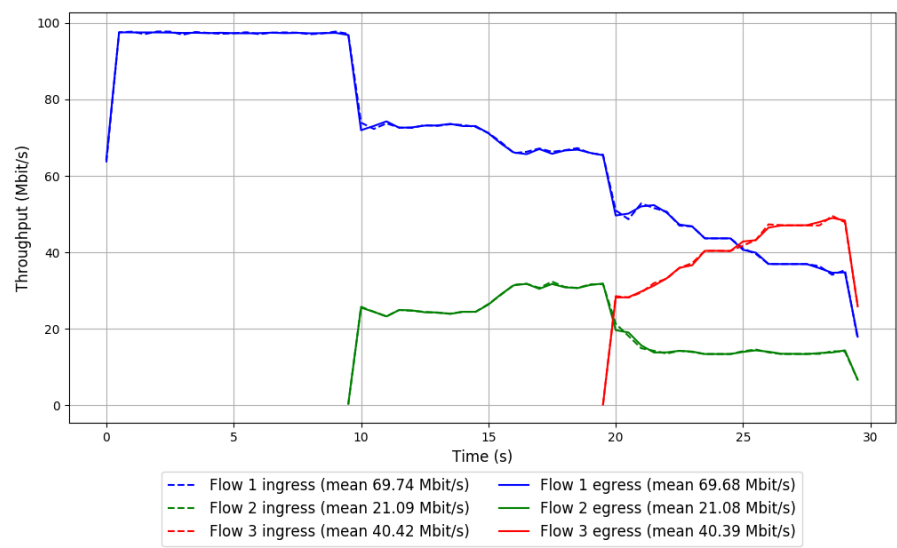


Run 8: Statistics of Indigo-1-128

Start at: 2018-01-26 16:13:10
End at: 2018-01-26 16:13:40
Local clock offset: 2.589 ms
Remote clock offset: -17.695 ms

Below is generated by plot.py at 2018-01-26 17:52:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.92 Mbit/s
95th percentile per-packet one-way delay: 5.855 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 69.68 Mbit/s
95th percentile per-packet one-way delay: 5.773 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 21.08 Mbit/s
95th percentile per-packet one-way delay: 5.939 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 40.39 Mbit/s
95th percentile per-packet one-way delay: 6.916 ms
Loss rate: 0.03%

Run 8: Report of Indigo-1-128 — Data Link

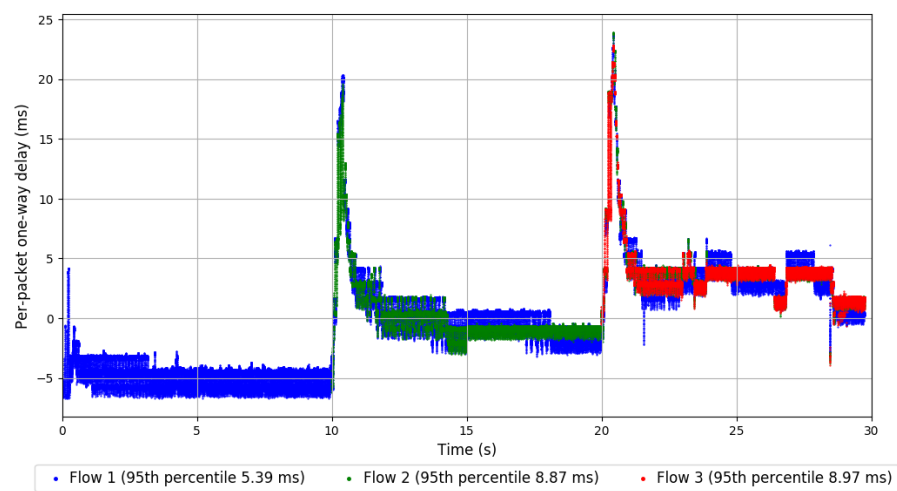
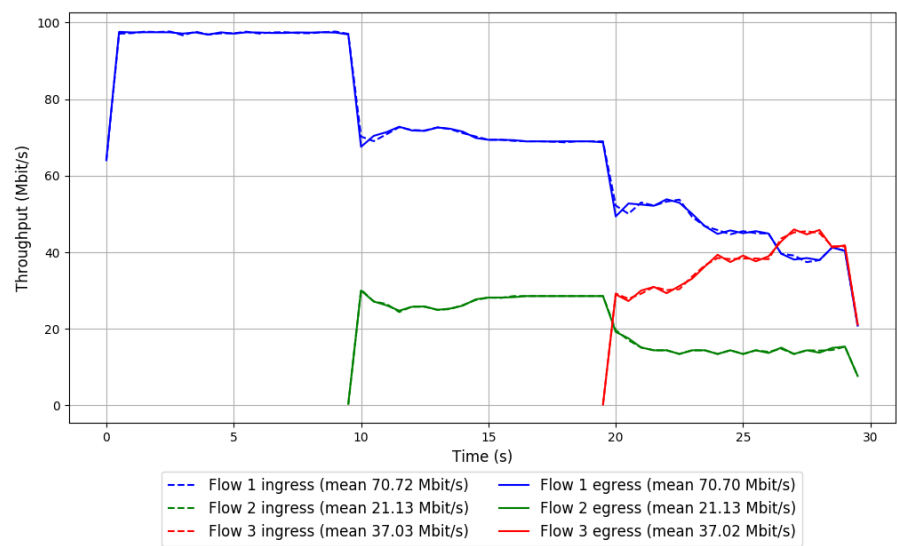


Run 9: Statistics of Indigo-1-128

Start at: 2018-01-26 16:32:43
End at: 2018-01-26 16:33:13
Local clock offset: 3.002 ms
Remote clock offset: -18.14 ms

Below is generated by plot.py at 2018-01-26 17:52:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.90 Mbit/s
95th percentile per-packet one-way delay: 5.436 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 70.70 Mbit/s
95th percentile per-packet one-way delay: 5.388 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 21.13 Mbit/s
95th percentile per-packet one-way delay: 8.865 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 37.02 Mbit/s
95th percentile per-packet one-way delay: 8.969 ms
Loss rate: 0.00%

Run 9: Report of Indigo-1-128 — Data Link



Run 10: Statistics of Indigo-1-128

Start at: 2018-01-26 16:51:58
End at: 2018-01-26 16:52:28
Local clock offset: 2.374 ms
Remote clock offset: -18.111 ms

Below is generated by plot.py at 2018-01-26 17:52:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.90 Mbit/s
95th percentile per-packet one-way delay: 6.352 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 69.03 Mbit/s
95th percentile per-packet one-way delay: 6.222 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 23.68 Mbit/s
95th percentile per-packet one-way delay: 9.760 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 37.02 Mbit/s
95th percentile per-packet one-way delay: 9.779 ms
Loss rate: 0.01%

Run 10: Report of Indigo-1-128 — Data Link

