

Pantheon Report

Generated at 2018-03-27 22:58:55 (UTC).

Data path: AWS Korea Ethernet (*local*) → China Ethernet (*remote*).

Repeated the test of 17 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).

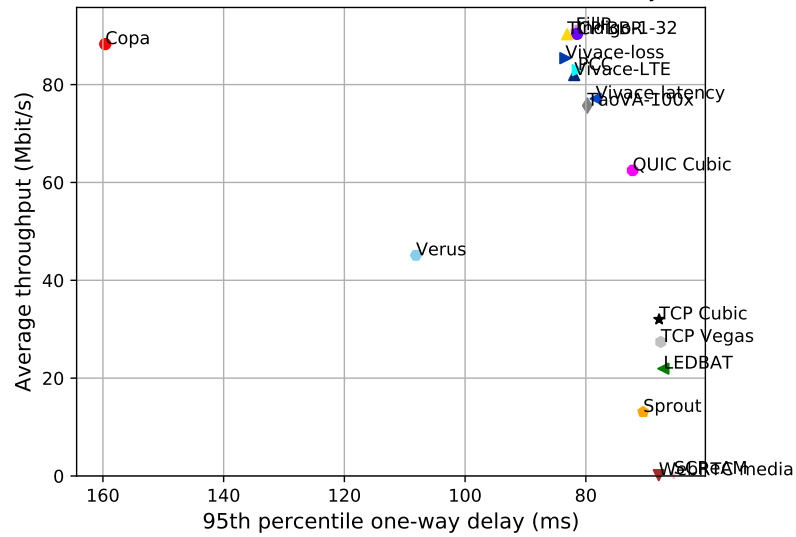
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

NTP offsets were measured against `ntp.nict.jp` and have been applied to correct the timestamps in logs.

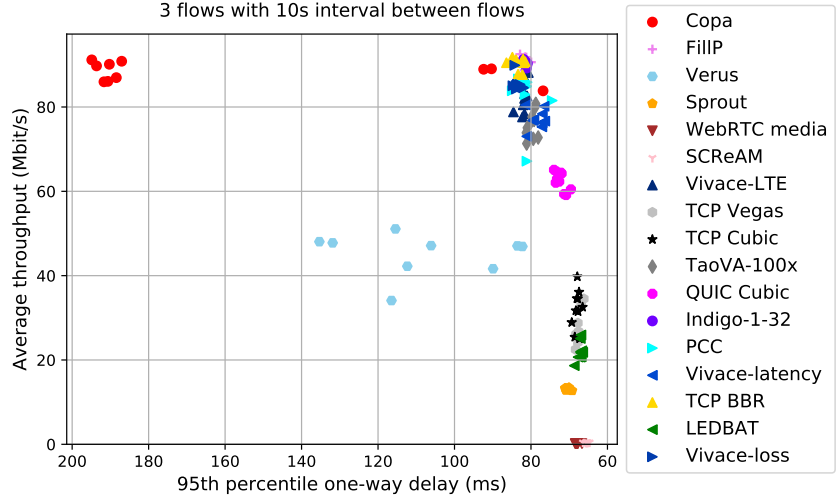
Git summary:

```
branch: master @ 503f51fe03f703a4c0a826a0792a4fead3e7d1b0
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ 828bbf95fd4941149b5cec90f281d1c69ae1a5c6
third_party/genericCC @ 9249eea3238475c4d8cca1443d28df70bff6c4a2
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecd9c077e64d
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 @ 7a4ba531e75b4a6f66f5c4580192120401784ce3
third_party/webrtc @ f271183af822eee5d0031620f4bebf38aedc5581
```

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



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



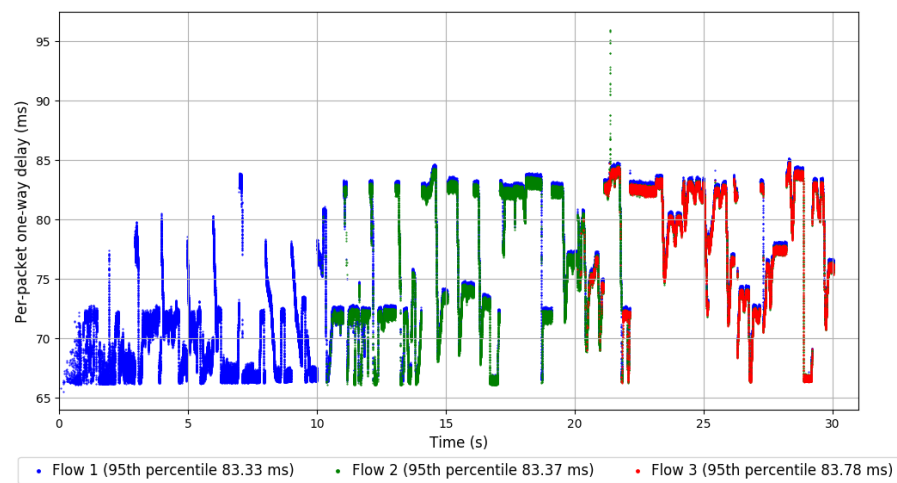
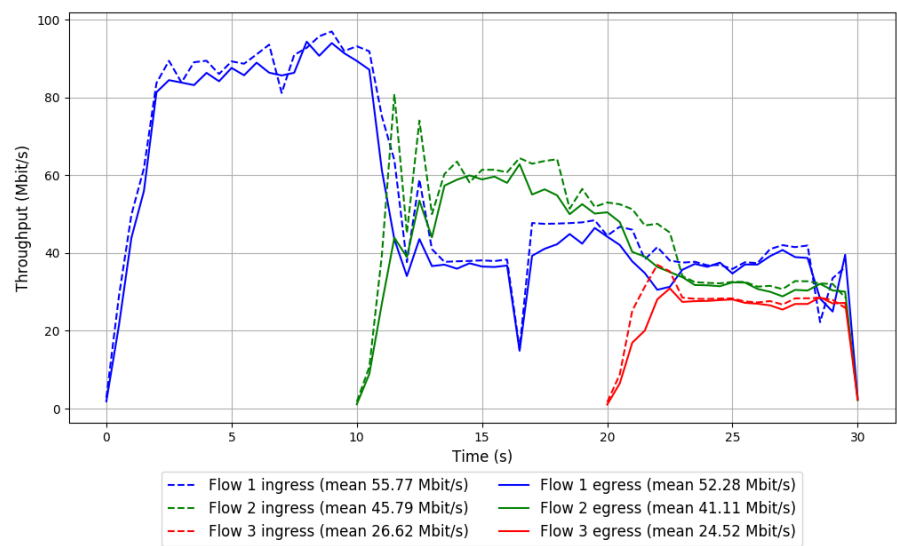
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	59.54	34.13	24.53	82.80	83.33	83.35	6.48	7.81	8.97
TCP Cubic	10	15.86	16.39	15.80	67.57	68.02	68.54	0.43	0.55	0.78
LEDBAT	10	12.51	10.08	8.27	67.10	67.23	66.93	0.37	0.44	0.33
PCC	10	74.24	10.51	5.30	81.15	81.95	79.82	1.24	1.42	1.05
QUIC Cubic	10	39.74	26.03	16.85	71.98	72.37	73.21	0.92	0.31	0.25
SCReAM	10	0.21	0.21	0.22	65.39	65.33	65.36	0.00	0.00	0.00
WebRTC media	10	0.06	0.06	0.05	67.63	68.38	67.96	0.00	0.00	0.00
Sprout	10	6.77	6.60	5.89	70.48	70.53	70.51	3.23	3.93	4.15
TaoVA-100x	10	61.99	14.29	12.76	78.87	79.36	78.75	6.72	11.00	14.74
TCP Vegas	10	14.48	12.87	13.11	67.52	67.88	68.02	0.39	0.57	0.82
Verus	9	36.43	10.86	6.03	106.19	93.63	92.45	84.93	58.21	55.66
Copa	10	78.45	13.88	1.97	158.96	116.86	134.19	78.06	43.06	45.81
FillP	10	38.53	50.33	57.74	81.32	81.66	82.41	28.13	28.47	37.19
Indigo-1-32	9	55.35	35.17	36.98	81.02	81.64	81.84	30.38	45.47	57.76
Vivace-latency	9	62.31	18.24	8.16	78.11	78.91	77.91	0.27	0.31	0.31
Vivace-loss	10	75.02	12.67	5.98	83.33	83.64	83.10	1.29	2.04	2.99
Vivace-LTE	10	66.95	17.92	9.38	81.70	82.09	82.11	0.78	0.92	1.14

Run 1: Statistics of TCP BBR

Start at: 2018-03-27 18:27:00
End at: 2018-03-27 18:27:30
Local clock offset: 2.204 ms
Remote clock offset: -9.443 ms

Below is generated by plot.py at 2018-03-27 22:33:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.77 Mbit/s
95th percentile per-packet one-way delay: 83.376 ms
Loss rate: 7.67%
-- Flow 1:
Average throughput: 52.28 Mbit/s
95th percentile per-packet one-way delay: 83.325 ms
Loss rate: 6.23%
-- Flow 2:
Average throughput: 41.11 Mbit/s
95th percentile per-packet one-way delay: 83.373 ms
Loss rate: 10.24%
-- Flow 3:
Average throughput: 24.52 Mbit/s
95th percentile per-packet one-way delay: 83.783 ms
Loss rate: 7.87%

Run 1: Report of TCP BBR — Data Link

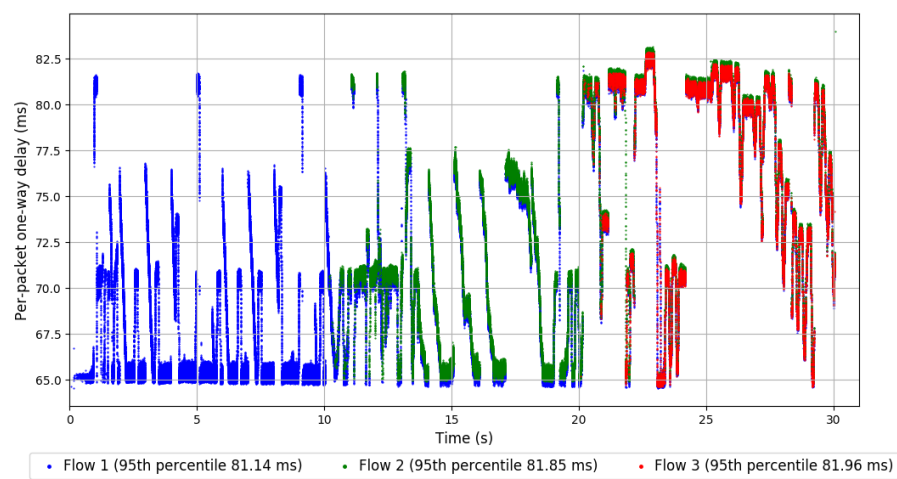
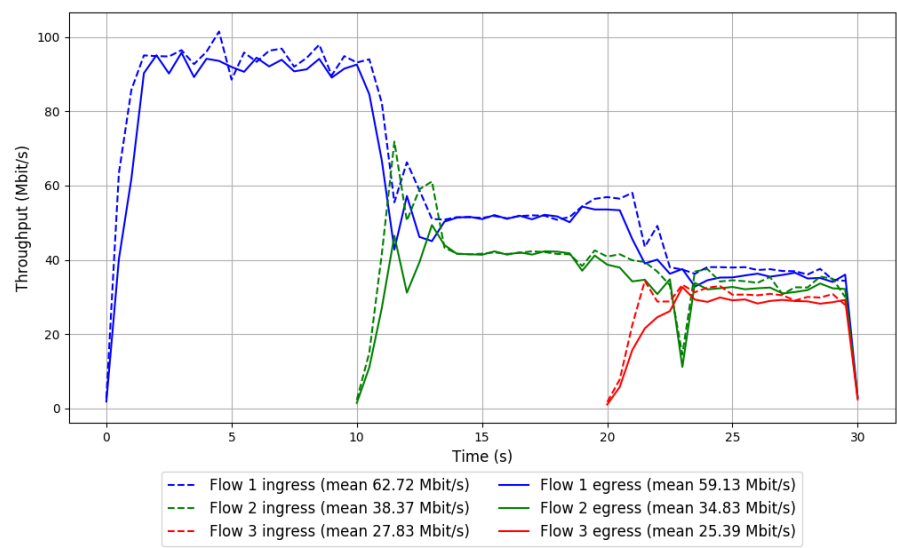


Run 2: Statistics of TCP BBR

Start at: 2018-03-27 18:50:14
End at: 2018-03-27 18:50:44
Local clock offset: 14.737 ms
Remote clock offset: 22.813 ms

Below is generated by plot.py at 2018-03-27 22:33:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.75 Mbit/s
95th percentile per-packet one-way delay: 81.489 ms
Loss rate: 6.90%
-- Flow 1:
Average throughput: 59.13 Mbit/s
95th percentile per-packet one-way delay: 81.138 ms
Loss rate: 5.71%
-- Flow 2:
Average throughput: 34.83 Mbit/s
95th percentile per-packet one-way delay: 81.849 ms
Loss rate: 9.20%
-- Flow 3:
Average throughput: 25.39 Mbit/s
95th percentile per-packet one-way delay: 81.963 ms
Loss rate: 8.68%

Run 2: Report of TCP BBR — Data Link

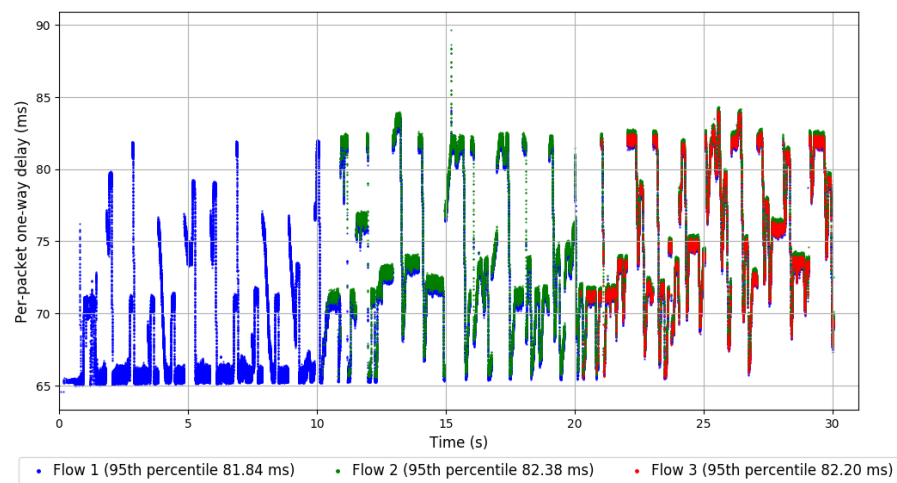
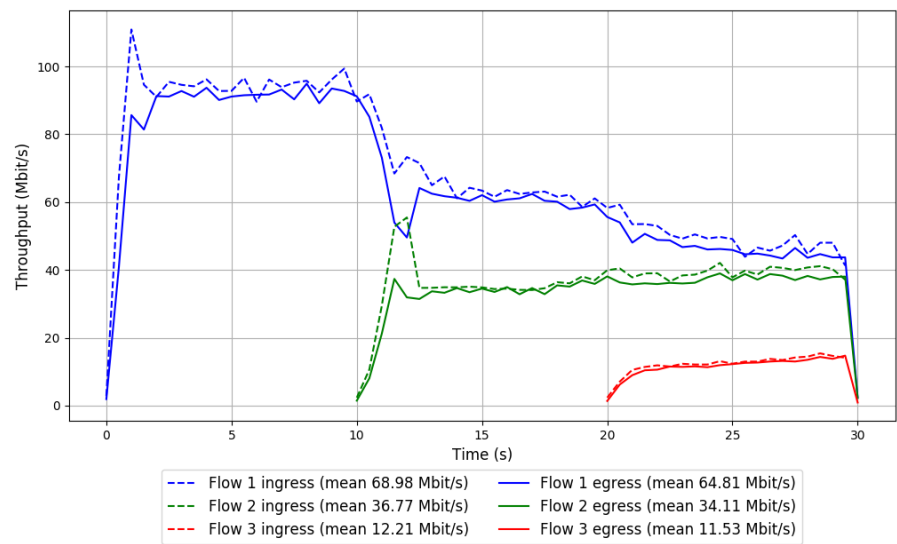


Run 3: Statistics of TCP BBR

Start at: 2018-03-27 19:13:18
End at: 2018-03-27 19:13:48
Local clock offset: 3.561 ms
Remote clock offset: 19.233 ms

Below is generated by plot.py at 2018-03-27 22:33:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.34 Mbit/s
95th percentile per-packet one-way delay: 82.060 ms
Loss rate: 6.31%
-- Flow 1:
Average throughput: 64.81 Mbit/s
95th percentile per-packet one-way delay: 81.836 ms
Loss rate: 6.02%
-- Flow 2:
Average throughput: 34.11 Mbit/s
95th percentile per-packet one-way delay: 82.382 ms
Loss rate: 7.26%
-- Flow 3:
Average throughput: 11.53 Mbit/s
95th percentile per-packet one-way delay: 82.202 ms
Loss rate: 5.53%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2018-03-27 19:36:42

End at: 2018-03-27 19:37:12

Local clock offset: -2.273 ms

Remote clock offset: 6.621 ms

Below is generated by plot.py at 2018-03-27 22:33:34

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.48 Mbit/s

95th percentile per-packet one-way delay: 81.855 ms

Loss rate: 5.86%

-- Flow 1:

Average throughput: 61.07 Mbit/s

95th percentile per-packet one-way delay: 81.503 ms

Loss rate: 5.76%

-- Flow 2:

Average throughput: 33.18 Mbit/s

95th percentile per-packet one-way delay: 82.103 ms

Loss rate: 5.79%

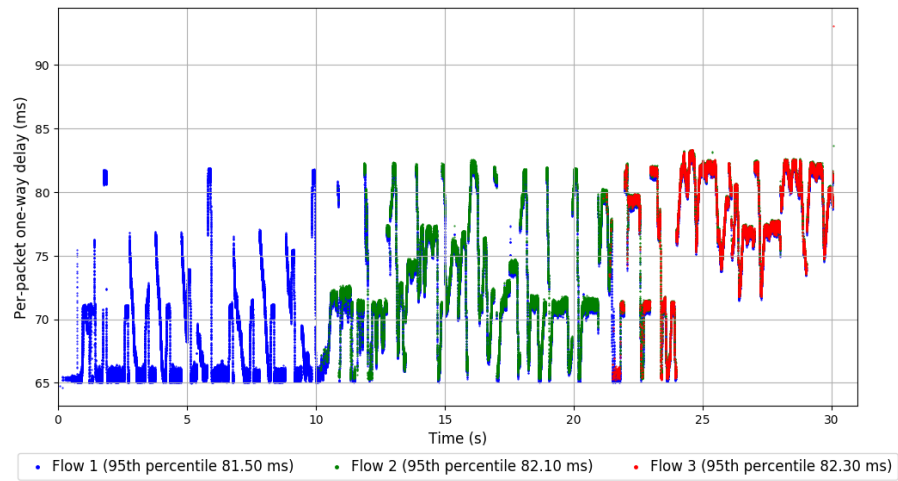
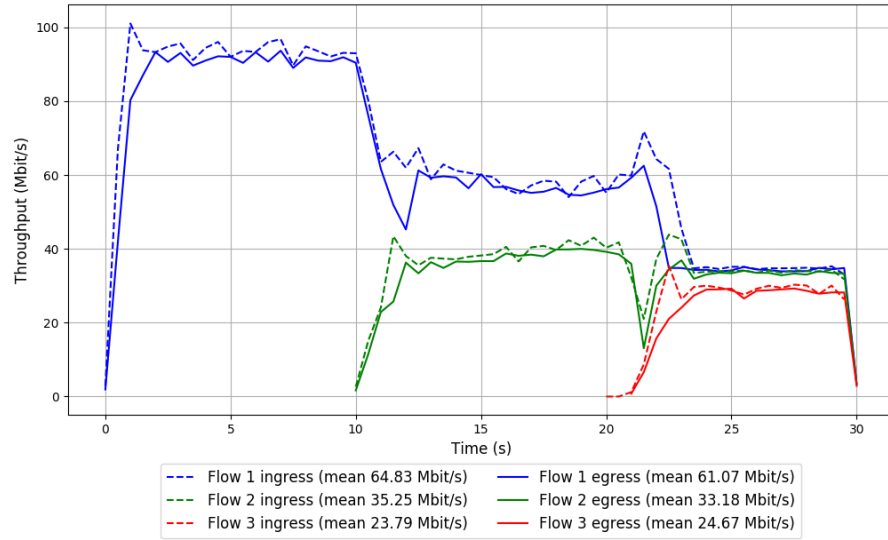
-- Flow 3:

Average throughput: 24.67 Mbit/s

95th percentile per-packet one-way delay: 82.301 ms

Loss rate: 6.90%

Run 4: Report of TCP BBR — Data Link

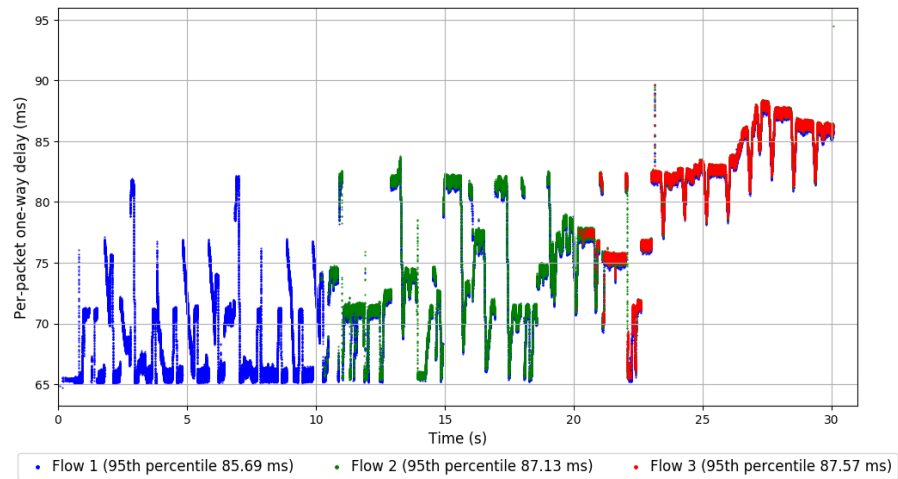
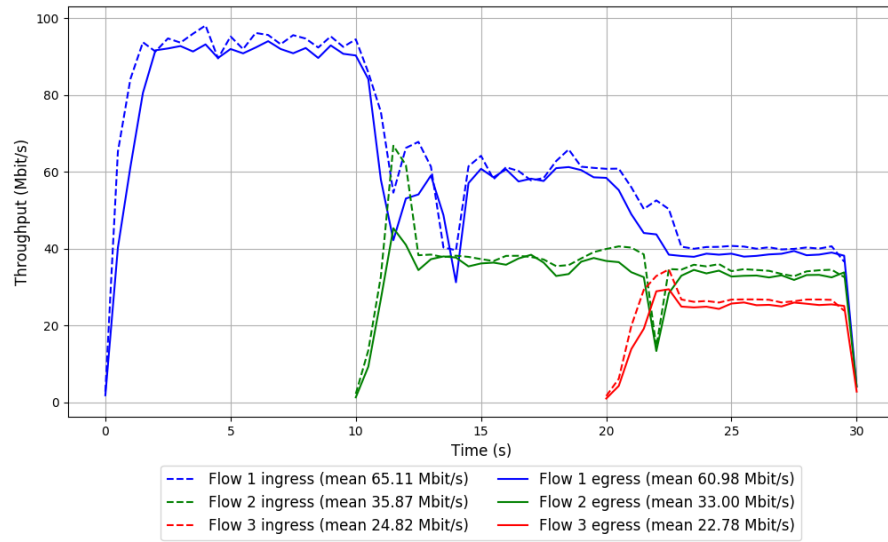


Run 5: Statistics of TCP BBR

Start at: 2018-03-27 19:59:55
End at: 2018-03-27 20:00:25
Local clock offset: -4.029 ms
Remote clock offset: -14.575 ms

Below is generated by plot.py at 2018-03-27 22:33:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.50 Mbit/s
95th percentile per-packet one-way delay: 86.419 ms
Loss rate: 6.83%
-- Flow 1:
Average throughput: 60.98 Mbit/s
95th percentile per-packet one-way delay: 85.693 ms
Loss rate: 6.28%
-- Flow 2:
Average throughput: 33.00 Mbit/s
95th percentile per-packet one-way delay: 87.128 ms
Loss rate: 7.90%
-- Flow 3:
Average throughput: 22.78 Mbit/s
95th percentile per-packet one-way delay: 87.572 ms
Loss rate: 8.08%

Run 5: Report of TCP BBR — Data Link

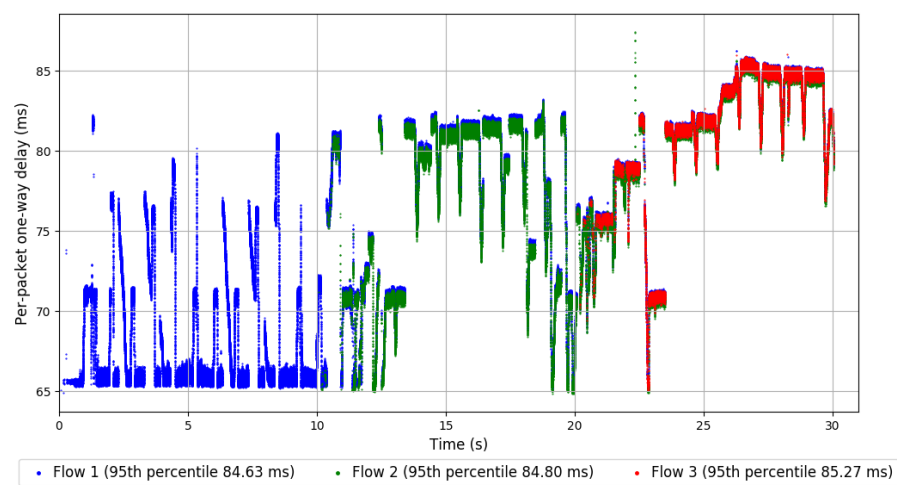
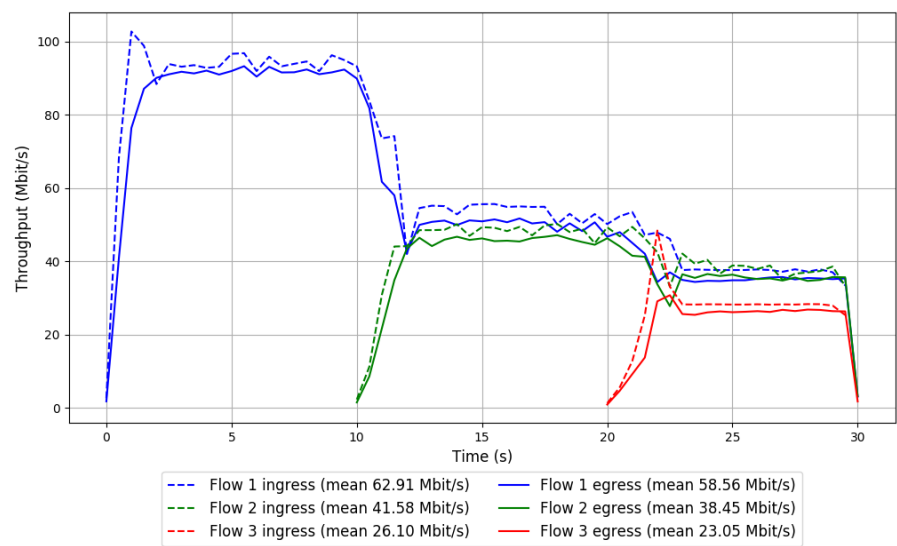


Run 6: Statistics of TCP BBR

Start at: 2018-03-27 20:23:31
End at: 2018-03-27 20:24:01
Local clock offset: -3.417 ms
Remote clock offset: -13.225 ms

Below is generated by plot.py at 2018-03-27 22:33:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.81 Mbit/s
95th percentile per-packet one-way delay: 84.863 ms
Loss rate: 7.47%
-- Flow 1:
Average throughput: 58.56 Mbit/s
95th percentile per-packet one-way delay: 84.628 ms
Loss rate: 6.88%
-- Flow 2:
Average throughput: 38.45 Mbit/s
95th percentile per-packet one-way delay: 84.797 ms
Loss rate: 7.48%
-- Flow 3:
Average throughput: 23.05 Mbit/s
95th percentile per-packet one-way delay: 85.265 ms
Loss rate: 11.67%

Run 6: Report of TCP BBR — Data Link

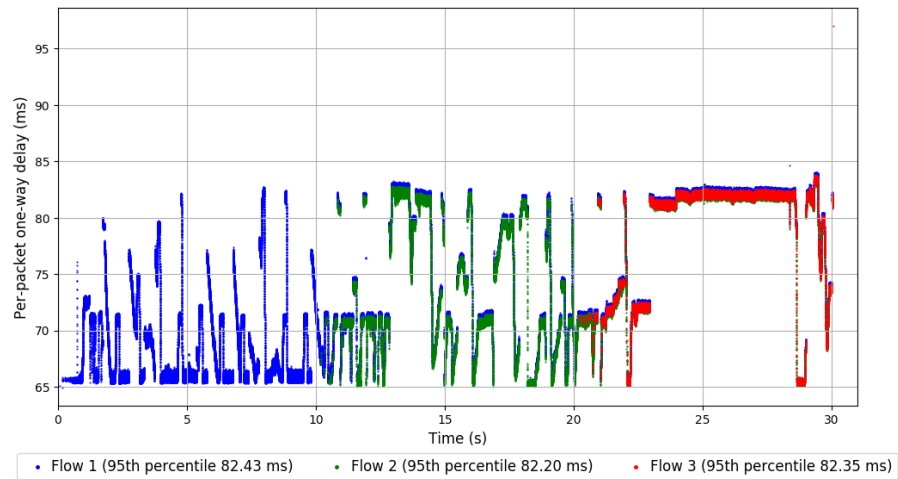
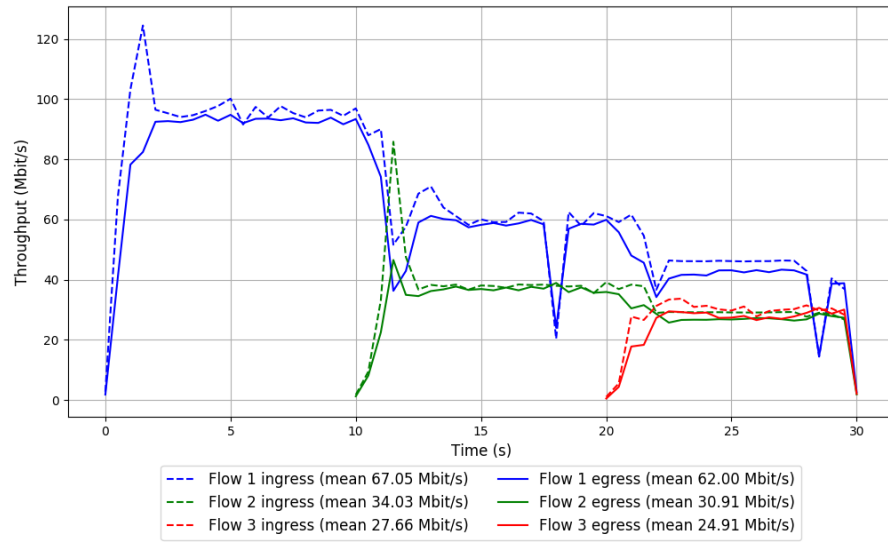


Run 7: Statistics of TCP BBR

Start at: 2018-03-27 20:46:29
End at: 2018-03-27 20:46:59
Local clock offset: -3.5 ms
Remote clock offset: -10.339 ms

Below is generated by plot.py at 2018-03-27 22:33:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.82 Mbit/s
95th percentile per-packet one-way delay: 82.381 ms
Loss rate: 8.06%
-- Flow 1:
Average throughput: 62.00 Mbit/s
95th percentile per-packet one-way delay: 82.428 ms
Loss rate: 7.48%
-- Flow 2:
Average throughput: 30.91 Mbit/s
95th percentile per-packet one-way delay: 82.199 ms
Loss rate: 9.12%
-- Flow 3:
Average throughput: 24.91 Mbit/s
95th percentile per-packet one-way delay: 82.348 ms
Loss rate: 9.68%

Run 7: Report of TCP BBR — Data Link

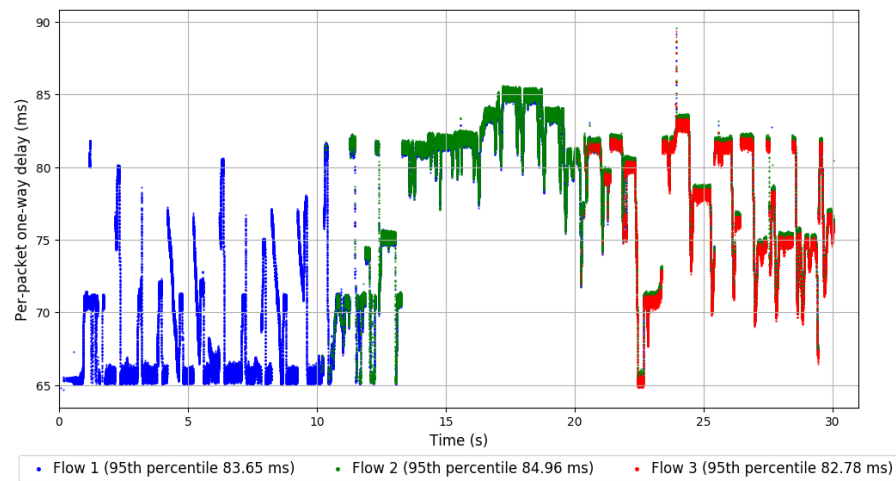
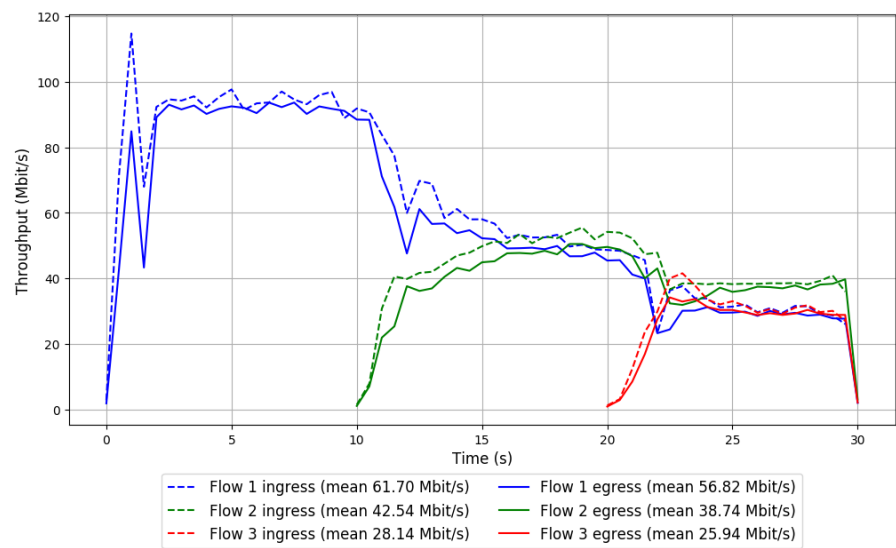


Run 8: Statistics of TCP BBR

Start at: 2018-03-27 21:09:43
End at: 2018-03-27 21:10:13
Local clock offset: -2.705 ms
Remote clock offset: -9.093 ms

Below is generated by plot.py at 2018-03-27 22:33:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.21 Mbit/s
95th percentile per-packet one-way delay: 83.919 ms
Loss rate: 8.15%
-- Flow 1:
Average throughput: 56.82 Mbit/s
95th percentile per-packet one-way delay: 83.650 ms
Loss rate: 7.87%
-- Flow 2:
Average throughput: 38.74 Mbit/s
95th percentile per-packet one-way delay: 84.956 ms
Loss rate: 8.86%
-- Flow 3:
Average throughput: 25.94 Mbit/s
95th percentile per-packet one-way delay: 82.783 ms
Loss rate: 7.88%

Run 8: Report of TCP BBR — Data Link

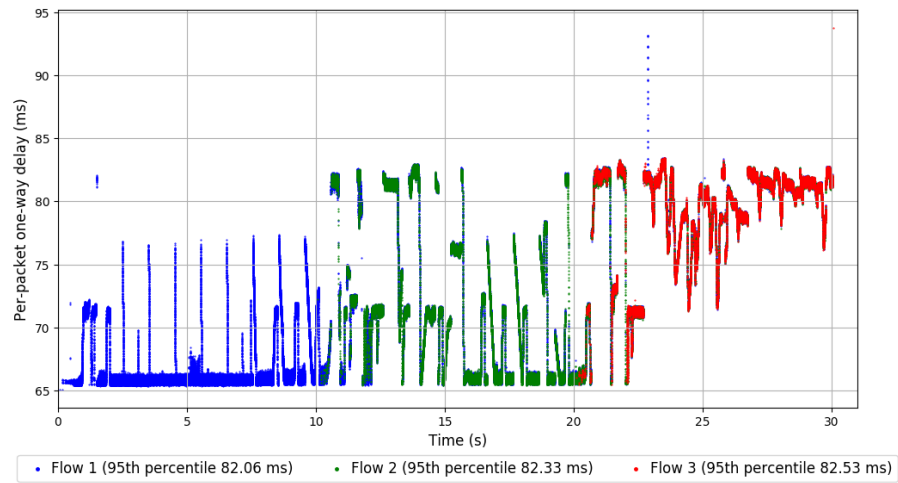
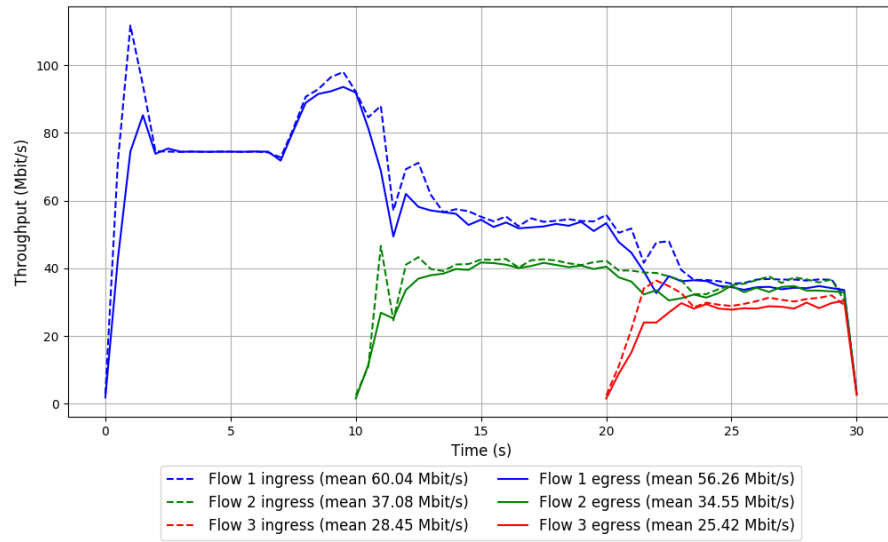


Run 9: Statistics of TCP BBR

Start at: 2018-03-27 21:32:37
End at: 2018-03-27 21:33:07
Local clock offset: 8.993 ms
Remote clock offset: -7.959 ms

Below is generated by plot.py at 2018-03-27 22:34:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.68 Mbit/s
95th percentile per-packet one-way delay: 82.233 ms
Loss rate: 6.80%
-- Flow 1:
Average throughput: 56.26 Mbit/s
95th percentile per-packet one-way delay: 82.057 ms
Loss rate: 6.24%
-- Flow 2:
Average throughput: 34.55 Mbit/s
95th percentile per-packet one-way delay: 82.325 ms
Loss rate: 6.78%
-- Flow 3:
Average throughput: 25.42 Mbit/s
95th percentile per-packet one-way delay: 82.529 ms
Loss rate: 10.42%

Run 9: Report of TCP BBR — Data Link

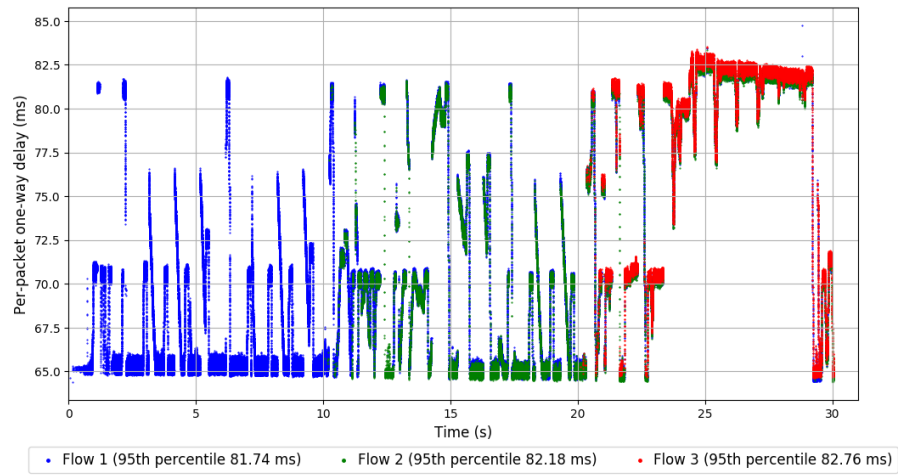
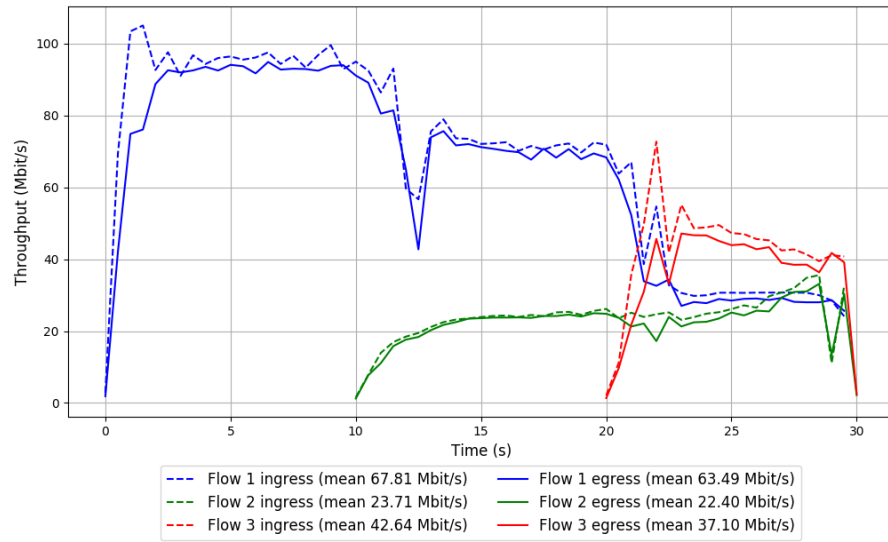


Run 10: Statistics of TCP BBR

Start at: 2018-03-27 21:56:05
End at: 2018-03-27 21:56:35
Local clock offset: 8.212 ms
Remote clock offset: -7.327 ms

Below is generated by plot.py at 2018-03-27 22:35:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.59 Mbit/s
95th percentile per-packet one-way delay: 82.240 ms
Loss rate: 7.18%
-- Flow 1:
Average throughput: 63.49 Mbit/s
95th percentile per-packet one-way delay: 81.737 ms
Loss rate: 6.35%
-- Flow 2:
Average throughput: 22.40 Mbit/s
95th percentile per-packet one-way delay: 82.181 ms
Loss rate: 5.52%
-- Flow 3:
Average throughput: 37.10 Mbit/s
95th percentile per-packet one-way delay: 82.756 ms
Loss rate: 13.01%

Run 10: Report of TCP BBR — Data Link

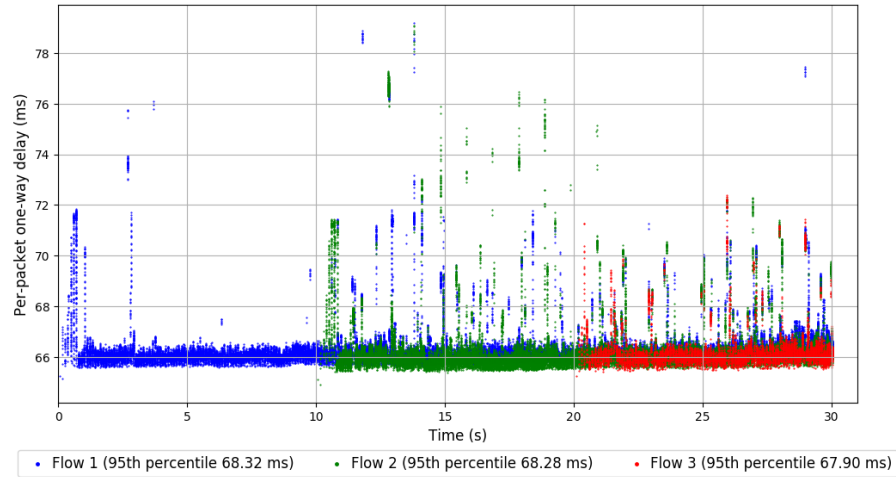
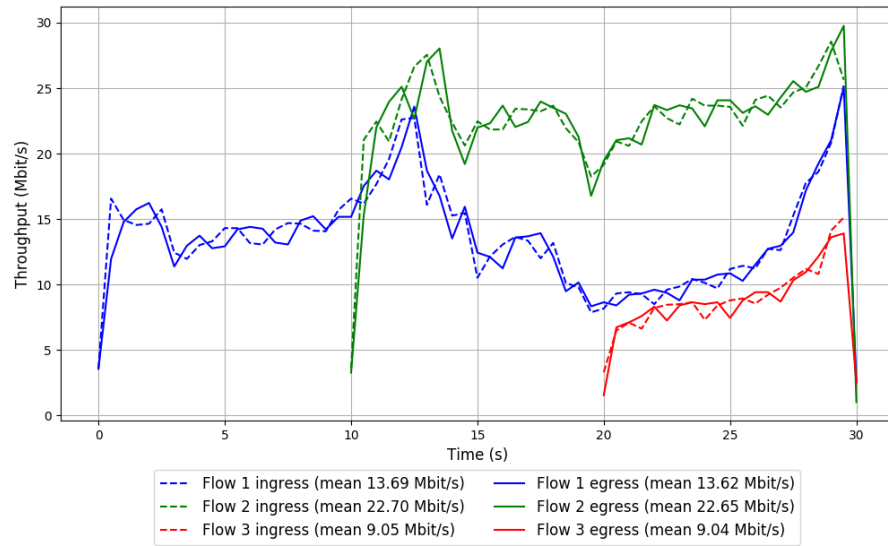


Run 1: Statistics of TCP Cubic

Start at: 2018-03-27 18:32:06
End at: 2018-03-27 18:32:36
Local clock offset: 7.472 ms
Remote clock offset: -9.591 ms

Below is generated by plot.py at 2018-03-27 22:35:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 31.70 Mbit/s
95th percentile per-packet one-way delay: 68.253 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 13.62 Mbit/s
95th percentile per-packet one-way delay: 68.323 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 22.65 Mbit/s
95th percentile per-packet one-way delay: 68.281 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 9.04 Mbit/s
95th percentile per-packet one-way delay: 67.896 ms
Loss rate: 0.08%

Run 1: Report of TCP Cubic — Data Link

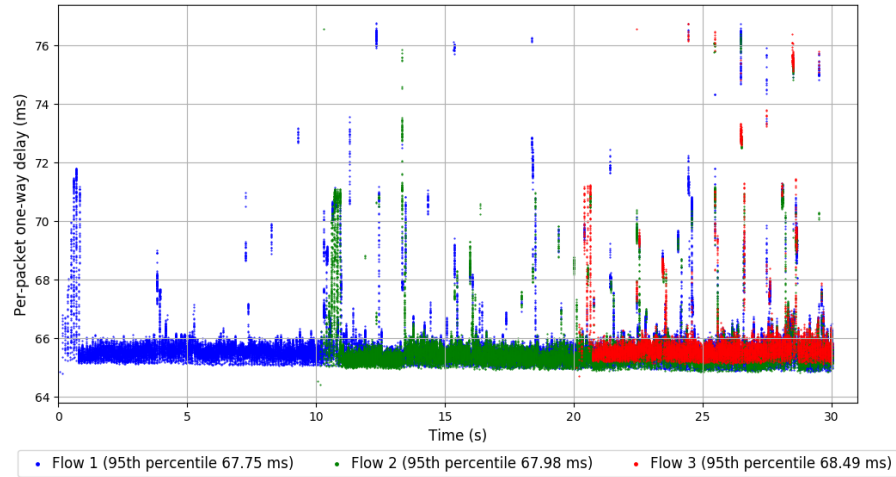
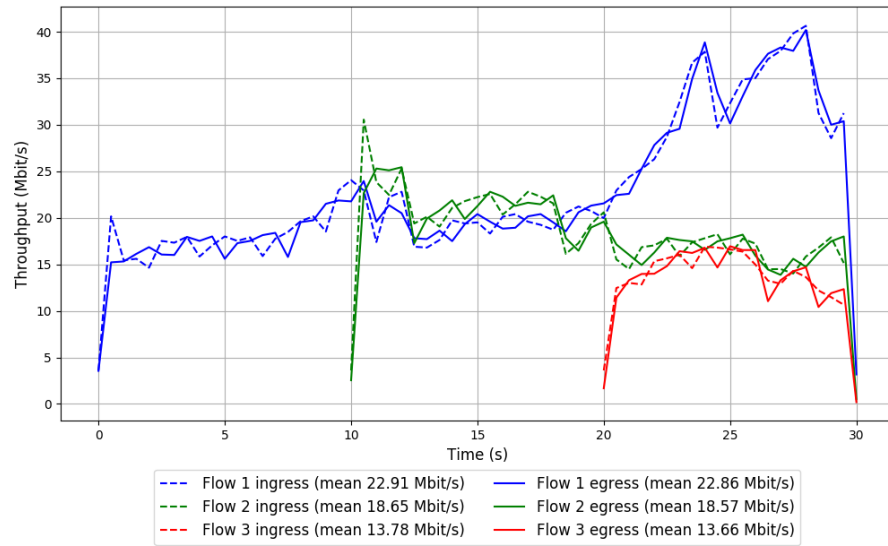


Run 2: Statistics of TCP Cubic

Start at: 2018-03-27 18:55:11
End at: 2018-03-27 18:55:41
Local clock offset: 15.697 ms
Remote clock offset: 27.222 ms

Below is generated by plot.py at 2018-03-27 22:35:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 39.76 Mbit/s
95th percentile per-packet one-way delay: 67.880 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 22.86 Mbit/s
95th percentile per-packet one-way delay: 67.749 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 18.57 Mbit/s
95th percentile per-packet one-way delay: 67.979 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 13.66 Mbit/s
95th percentile per-packet one-way delay: 68.489 ms
Loss rate: 0.80%

Run 2: Report of TCP Cubic — Data Link

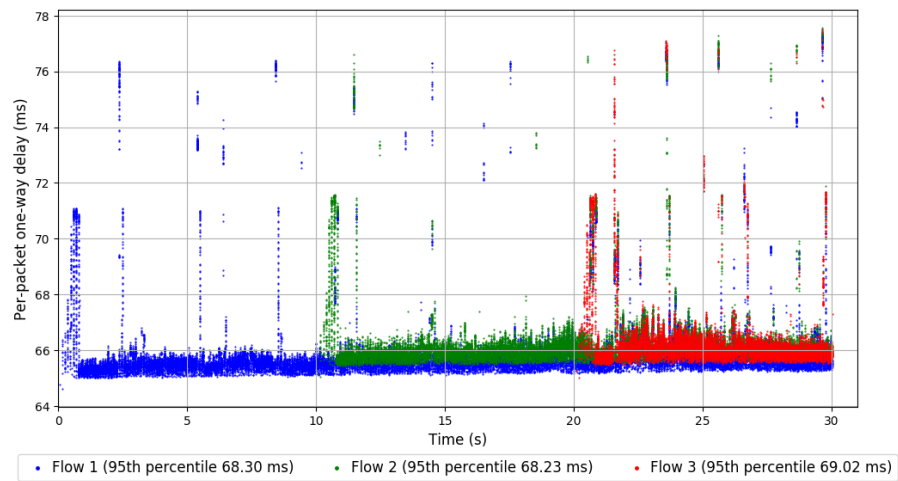
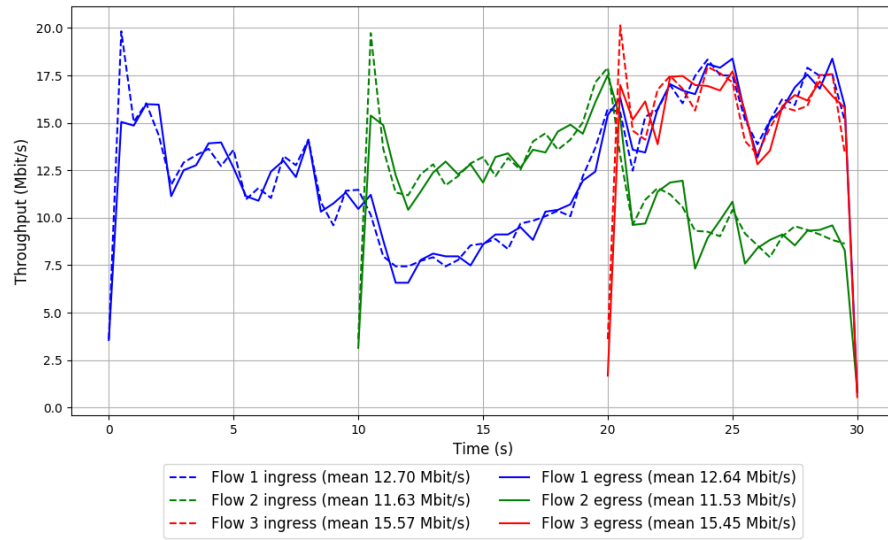


Run 3: Statistics of TCP Cubic

Start at: 2018-03-27 19:18:14
End at: 2018-03-27 19:18:44
Local clock offset: 1.572 ms
Remote clock offset: 13.027 ms

Below is generated by plot.py at 2018-03-27 22:35:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 25.44 Mbit/s
95th percentile per-packet one-way delay: 68.541 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 12.64 Mbit/s
95th percentile per-packet one-way delay: 68.297 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 11.53 Mbit/s
95th percentile per-packet one-way delay: 68.229 ms
Loss rate: 0.85%
-- Flow 3:
Average throughput: 15.45 Mbit/s
95th percentile per-packet one-way delay: 69.024 ms
Loss rate: 0.74%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2018-03-27 19:41:39

End at: 2018-03-27 19:42:09

Local clock offset: -2.325 ms

Remote clock offset: 6.028 ms

Below is generated by plot.py at 2018-03-27 22:35:06

Datalink statistics

-- Total of 3 flows:

Average throughput: 28.91 Mbit/s

95th percentile per-packet one-way delay: 69.338 ms

Loss rate: 0.67%

-- Flow 1:

Average throughput: 18.03 Mbit/s

95th percentile per-packet one-way delay: 68.825 ms

Loss rate: 0.35%

-- Flow 2:

Average throughput: 10.87 Mbit/s

95th percentile per-packet one-way delay: 69.323 ms

Loss rate: 0.82%

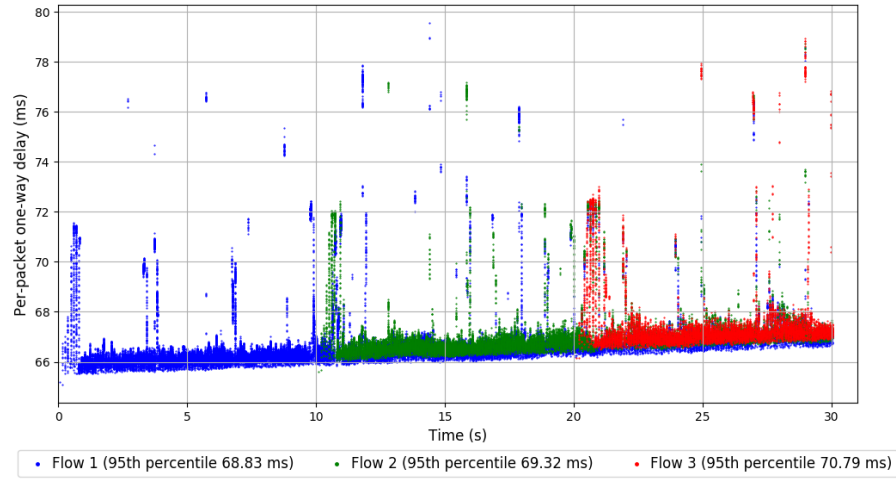
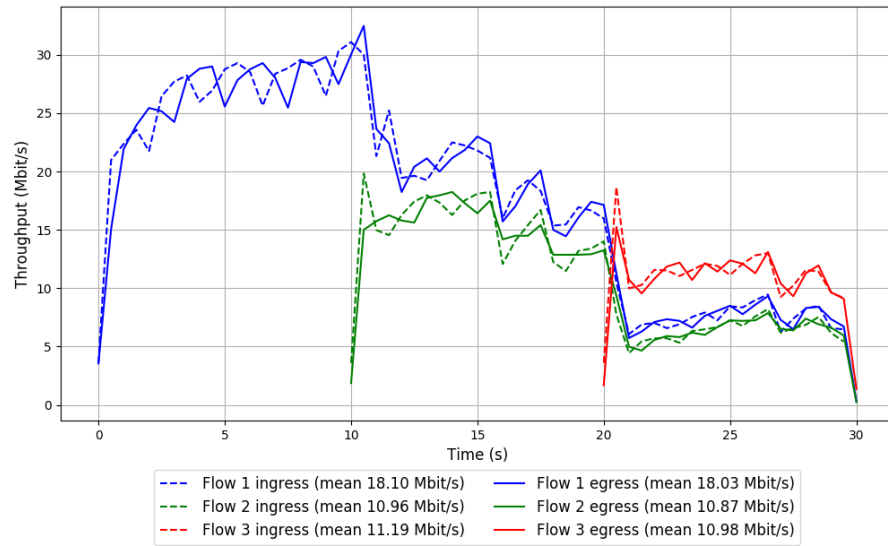
-- Flow 3:

Average throughput: 10.98 Mbit/s

95th percentile per-packet one-way delay: 70.788 ms

Loss rate: 1.92%

Run 4: Report of TCP Cubic — Data Link

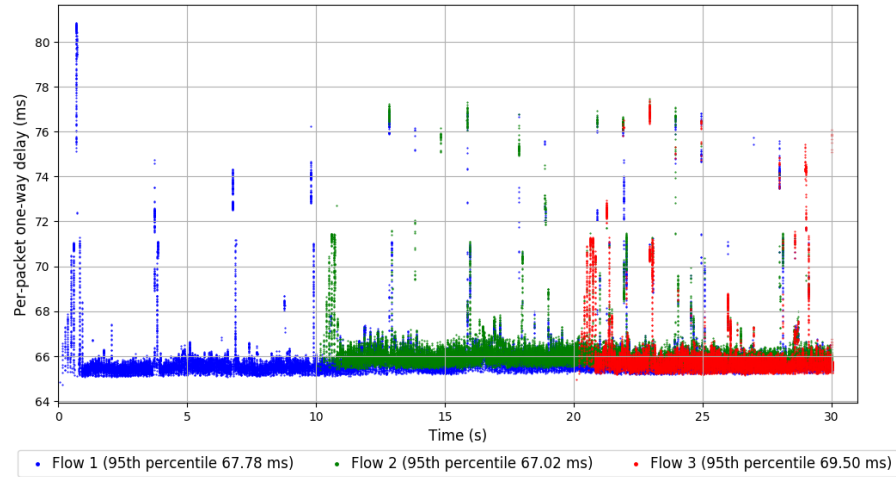
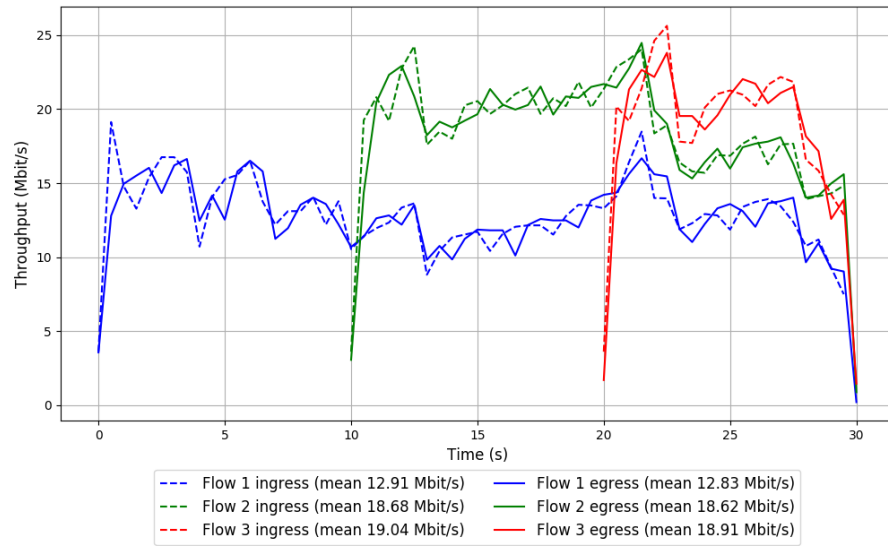


Run 5: Statistics of TCP Cubic

Start at: 2018-03-27 20:04:52
End at: 2018-03-27 20:05:22
Local clock offset: -4.73 ms
Remote clock offset: -17.002 ms

Below is generated by plot.py at 2018-03-27 22:35:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 31.49 Mbit/s
95th percentile per-packet one-way delay: 67.695 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 12.83 Mbit/s
95th percentile per-packet one-way delay: 67.782 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 18.62 Mbit/s
95th percentile per-packet one-way delay: 67.015 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 18.91 Mbit/s
95th percentile per-packet one-way delay: 69.500 ms
Loss rate: 0.72%

Run 5: Report of TCP Cubic — Data Link

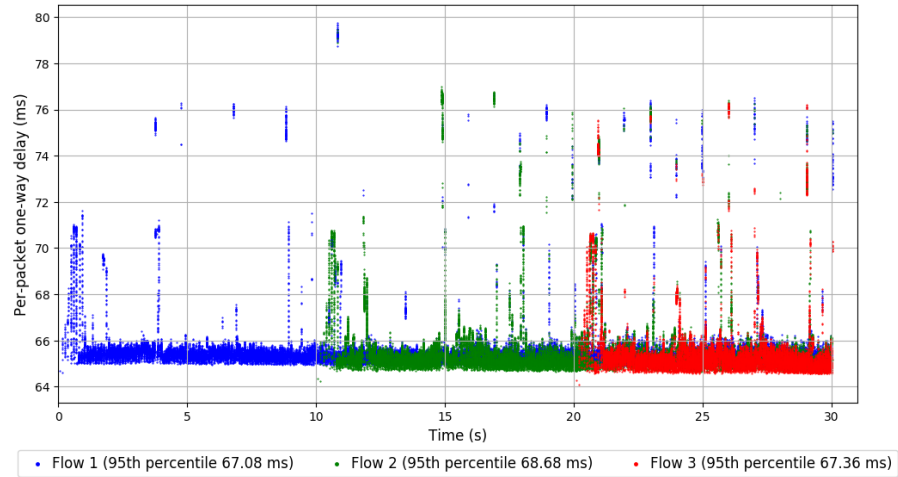
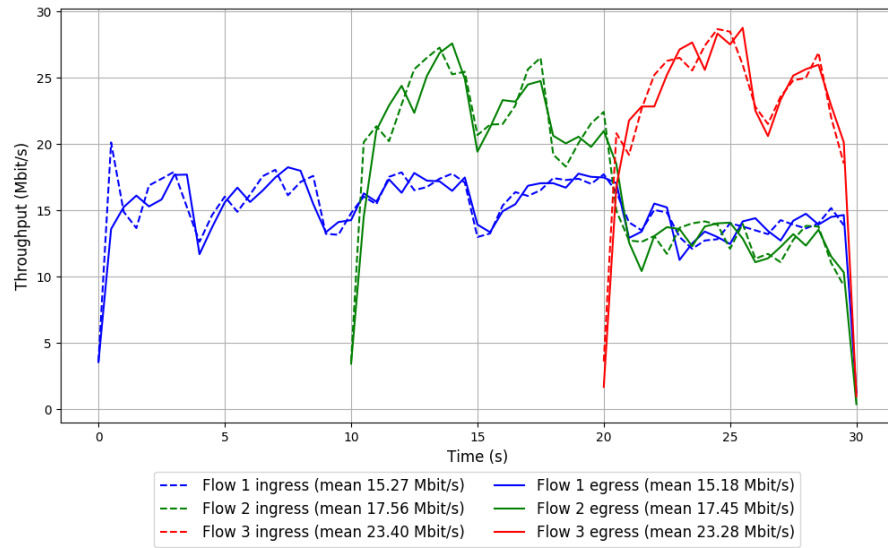


Run 6: Statistics of TCP Cubic

Start at: 2018-03-27 20:28:29
End at: 2018-03-27 20:28:59
Local clock offset: -3.183 ms
Remote clock offset: -11.273 ms

Below is generated by plot.py at 2018-03-27 22:35:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 34.53 Mbit/s
95th percentile per-packet one-way delay: 67.769 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 15.18 Mbit/s
95th percentile per-packet one-way delay: 67.085 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 17.45 Mbit/s
95th percentile per-packet one-way delay: 68.676 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 23.28 Mbit/s
95th percentile per-packet one-way delay: 67.358 ms
Loss rate: 0.44%

Run 6: Report of TCP Cubic — Data Link

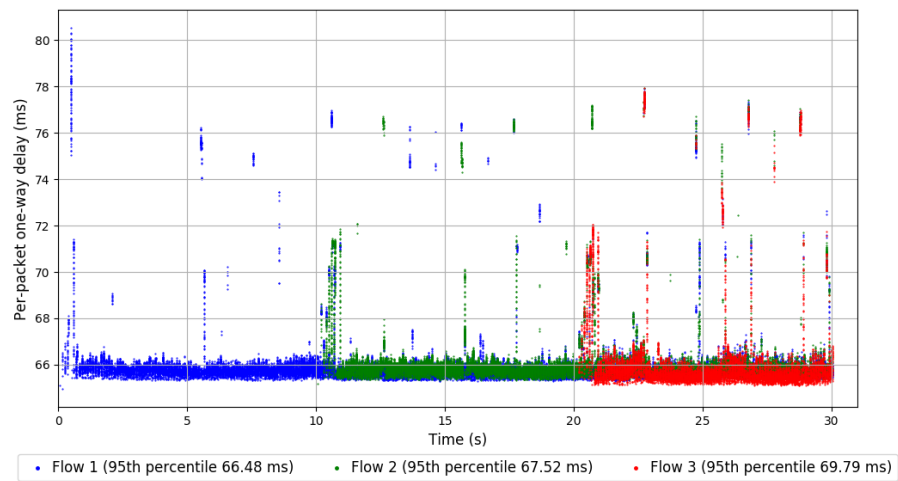
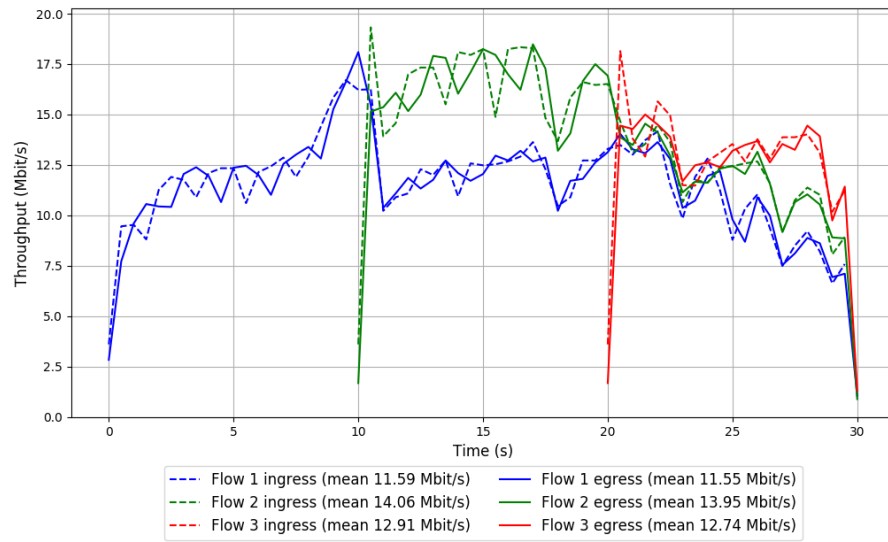


Run 7: Statistics of TCP Cubic

Start at: 2018-03-27 20:51:42
End at: 2018-03-27 20:52:12
Local clock offset: -3.143 ms
Remote clock offset: -10.069 ms

Below is generated by plot.py at 2018-03-27 22:35:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 25.07 Mbit/s
95th percentile per-packet one-way delay: 67.269 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 11.55 Mbit/s
95th percentile per-packet one-way delay: 66.480 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 13.95 Mbit/s
95th percentile per-packet one-way delay: 67.519 ms
Loss rate: 0.75%
-- Flow 3:
Average throughput: 12.74 Mbit/s
95th percentile per-packet one-way delay: 69.786 ms
Loss rate: 1.28%

Run 7: Report of TCP Cubic — Data Link

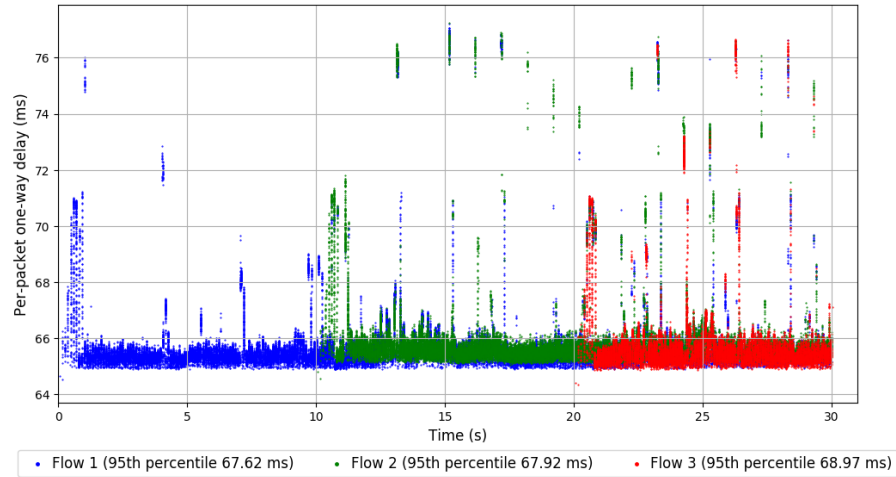
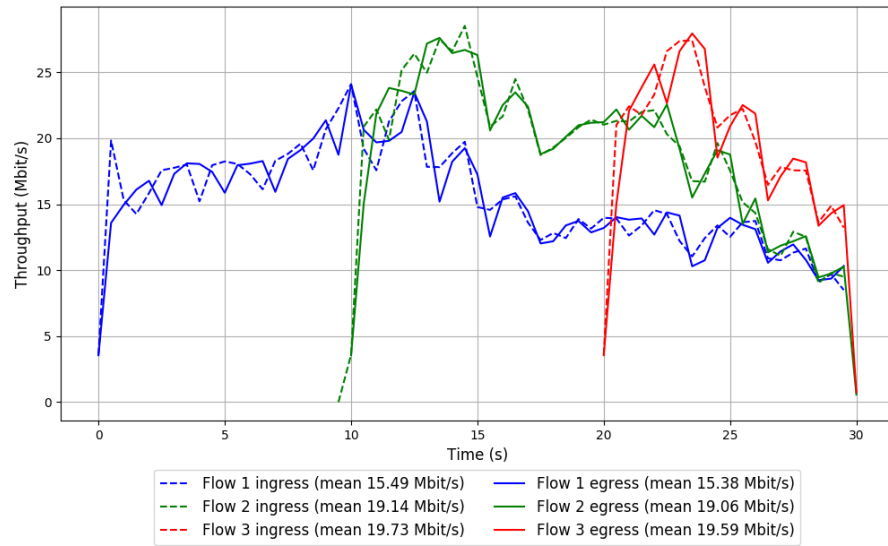


Run 8: Statistics of TCP Cubic

Start at: 2018-03-27 21:14:40
End at: 2018-03-27 21:15:10
Local clock offset: -2.901 ms
Remote clock offset: -9.229 ms

Below is generated by plot.py at 2018-03-27 22:35:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 34.57 Mbit/s
95th percentile per-packet one-way delay: 67.983 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 15.38 Mbit/s
95th percentile per-packet one-way delay: 67.625 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 19.06 Mbit/s
95th percentile per-packet one-way delay: 67.922 ms
Loss rate: 0.41%
-- Flow 3:
Average throughput: 19.59 Mbit/s
95th percentile per-packet one-way delay: 68.973 ms
Loss rate: 0.70%

Run 8: Report of TCP Cubic — Data Link

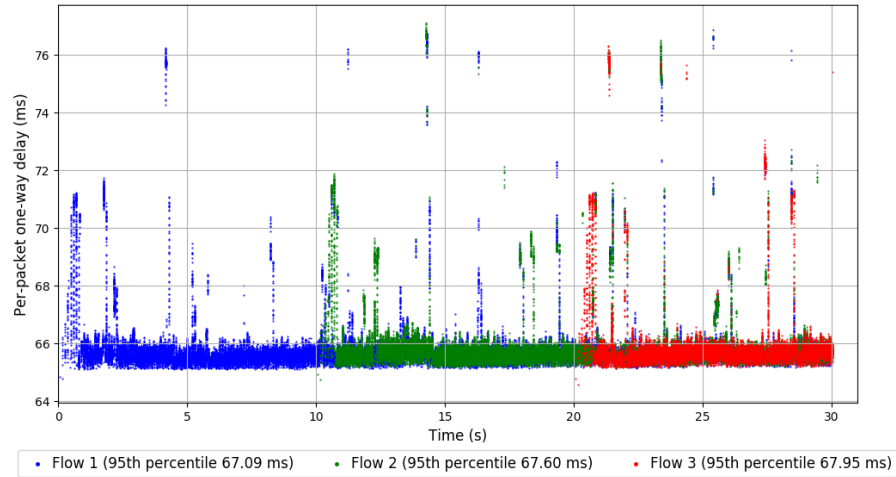
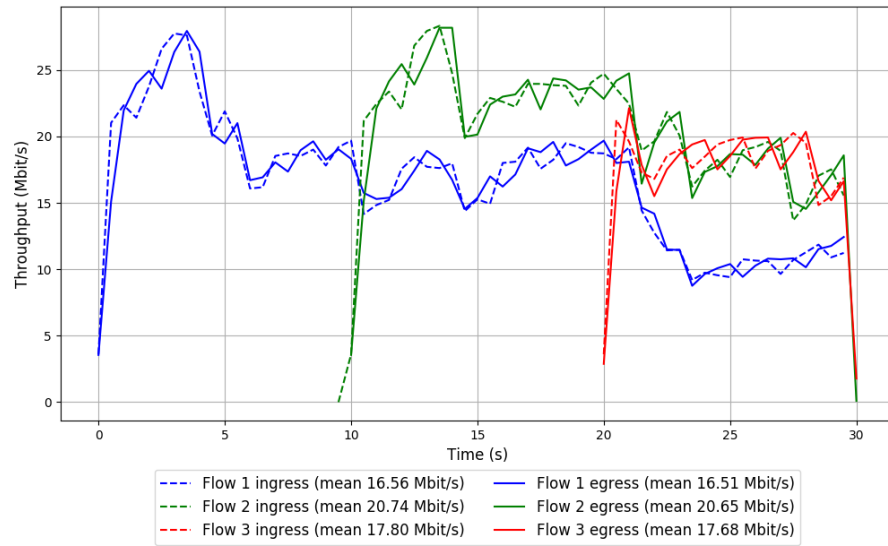


Run 9: Statistics of TCP Cubic

Start at: 2018-03-27 21:37:33
End at: 2018-03-27 21:38:03
Local clock offset: 10.565 ms
Remote clock offset: -7.569 ms

Below is generated by plot.py at 2018-03-27 22:35:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 36.11 Mbit/s
95th percentile per-packet one-way delay: 67.427 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 16.51 Mbit/s
95th percentile per-packet one-way delay: 67.095 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 20.65 Mbit/s
95th percentile per-packet one-way delay: 67.604 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 17.68 Mbit/s
95th percentile per-packet one-way delay: 67.954 ms
Loss rate: 0.54%

Run 9: Report of TCP Cubic — Data Link

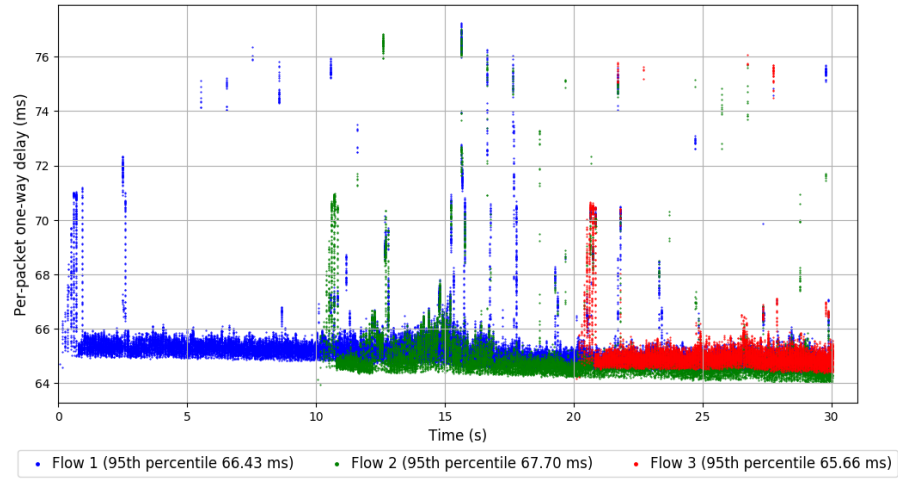
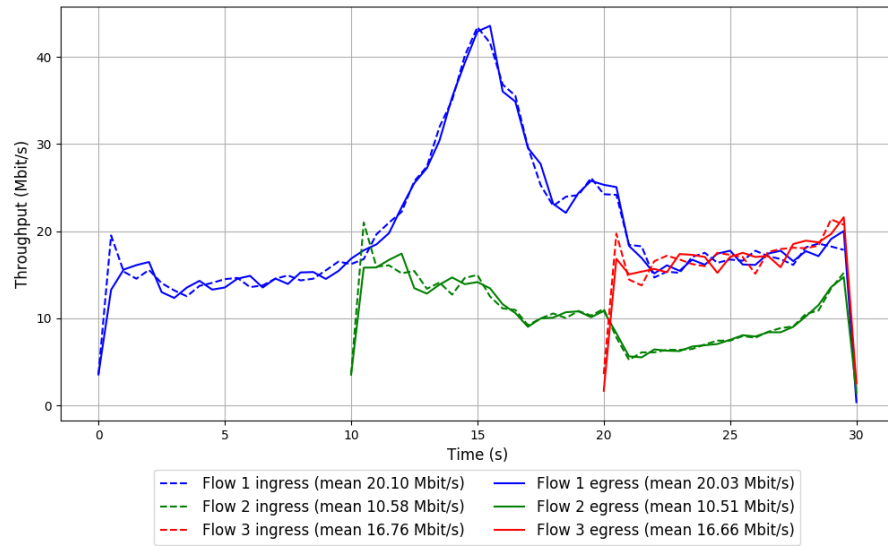


Run 10: Statistics of TCP Cubic

Start at: 2018-03-27 22:01:02
End at: 2018-03-27 22:01:32
Local clock offset: 5.258 ms
Remote clock offset: -3.978 ms

Below is generated by plot.py at 2018-03-27 22:35:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 32.54 Mbit/s
95th percentile per-packet one-way delay: 66.505 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 20.03 Mbit/s
95th percentile per-packet one-way delay: 66.430 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 10.51 Mbit/s
95th percentile per-packet one-way delay: 67.697 ms
Loss rate: 0.66%
-- Flow 3:
Average throughput: 16.66 Mbit/s
95th percentile per-packet one-way delay: 65.657 ms
Loss rate: 0.59%

Run 10: Report of TCP Cubic — Data Link

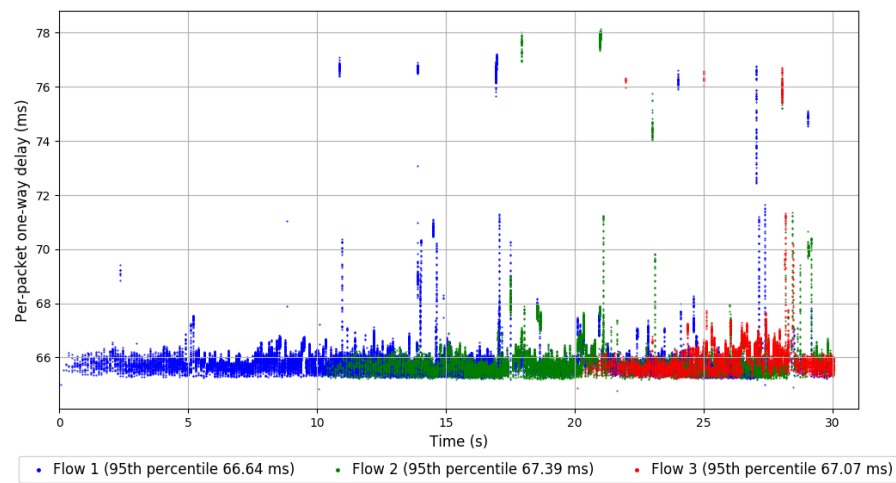
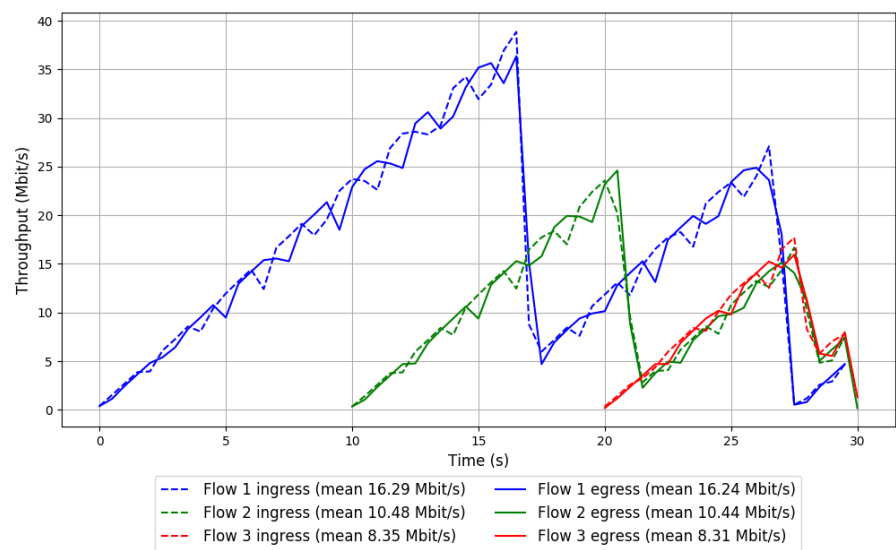


Run 1: Statistics of LEDBAT

Start at: 2018-03-27 18:21:24
End at: 2018-03-27 18:21:54
Local clock offset: 1.832 ms
Remote clock offset: -9.252 ms

Below is generated by plot.py at 2018-03-27 22:35:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 25.92 Mbit/s
95th percentile per-packet one-way delay: 66.929 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 16.24 Mbit/s
95th percentile per-packet one-way delay: 66.639 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 10.44 Mbit/s
95th percentile per-packet one-way delay: 67.386 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 8.31 Mbit/s
95th percentile per-packet one-way delay: 67.071 ms
Loss rate: 0.42%

Run 1: Report of LEDBAT — Data Link

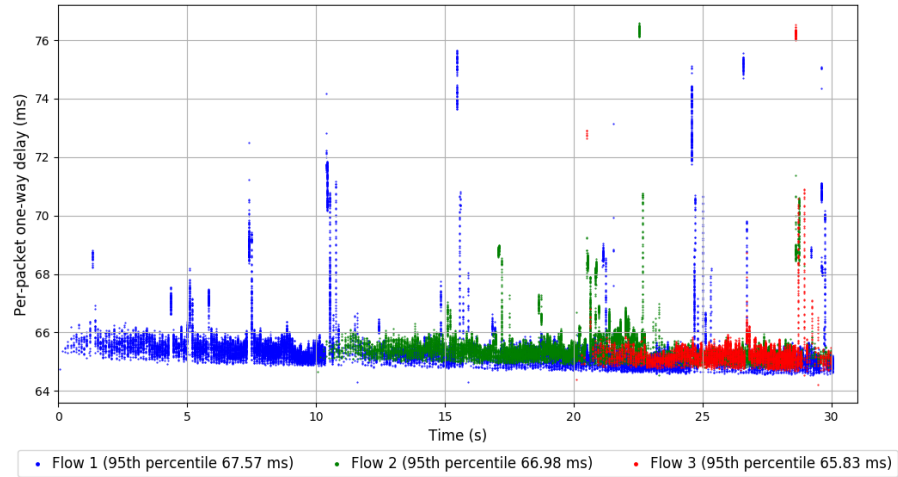
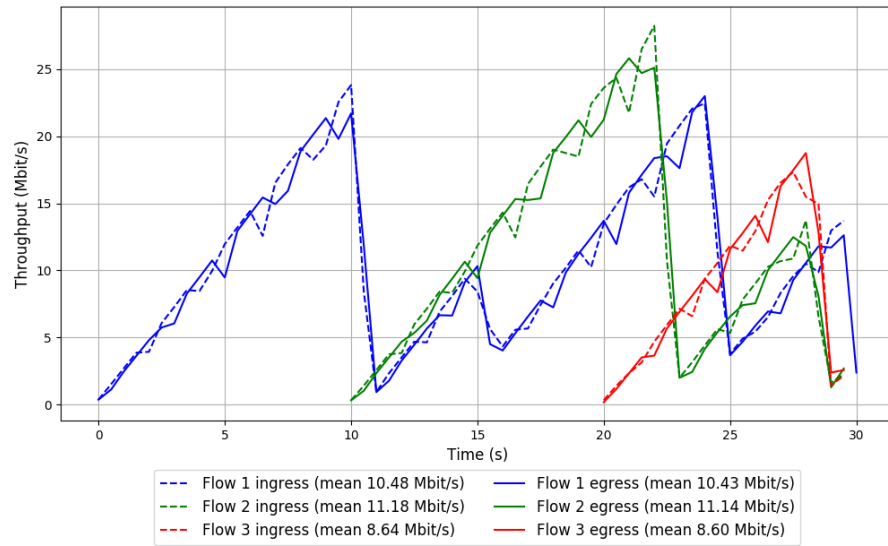


Run 2: Statistics of LEDBAT

Start at: 2018-03-27 18:45:08
End at: 2018-03-27 18:45:38
Local clock offset: 13.337 ms
Remote clock offset: 17.183 ms

Below is generated by plot.py at 2018-03-27 22:35:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 20.67 Mbit/s
95th percentile per-packet one-way delay: 67.135 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 10.43 Mbit/s
95th percentile per-packet one-way delay: 67.573 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 11.14 Mbit/s
95th percentile per-packet one-way delay: 66.976 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 8.60 Mbit/s
95th percentile per-packet one-way delay: 65.833 ms
Loss rate: 0.44%

Run 2: Report of LEDBAT — Data Link

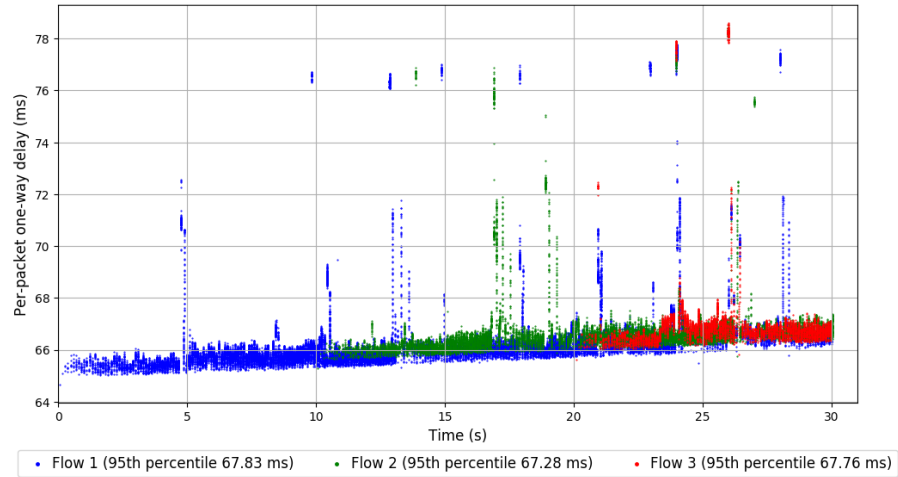
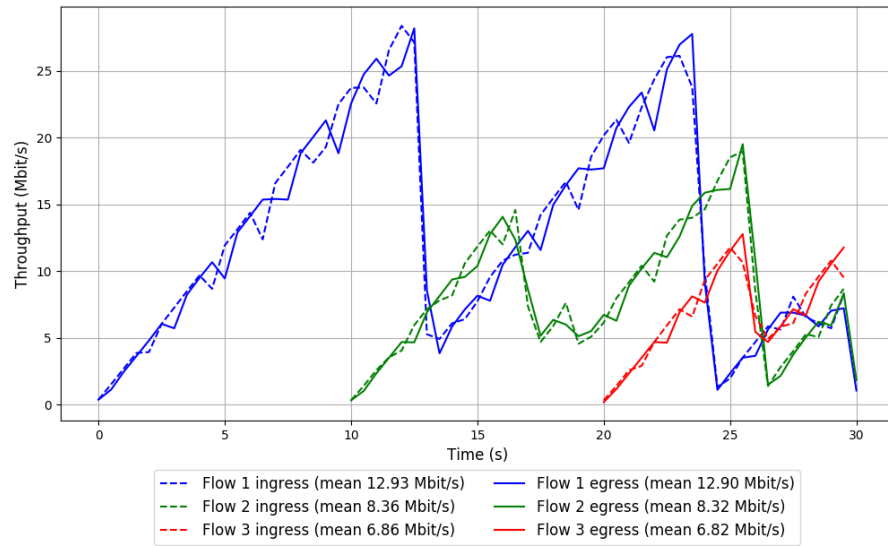


Run 3: Statistics of LEDBAT

Start at: 2018-03-27 19:08:12
End at: 2018-03-27 19:08:42
Local clock offset: 7.157 ms
Remote clock offset: 31.691 ms

Below is generated by plot.py at 2018-03-27 22:35:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 20.68 Mbit/s
95th percentile per-packet one-way delay: 67.678 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 12.90 Mbit/s
95th percentile per-packet one-way delay: 67.833 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 8.32 Mbit/s
95th percentile per-packet one-way delay: 67.284 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 6.82 Mbit/s
95th percentile per-packet one-way delay: 67.758 ms
Loss rate: 0.50%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2018-03-27 19:31:34

End at: 2018-03-27 19:32:04

Local clock offset: -1.987 ms

Remote clock offset: 7.055 ms

Below is generated by plot.py at 2018-03-27 22:35:06

Datalink statistics

-- Total of 3 flows:

Average throughput: 21.72 Mbit/s

95th percentile per-packet one-way delay: 66.968 ms

Loss rate: 0.42%

-- Flow 1:

Average throughput: 12.71 Mbit/s

95th percentile per-packet one-way delay: 66.767 ms

Loss rate: 0.54%

-- Flow 2:

Average throughput: 9.52 Mbit/s

95th percentile per-packet one-way delay: 67.603 ms

Loss rate: 0.34%

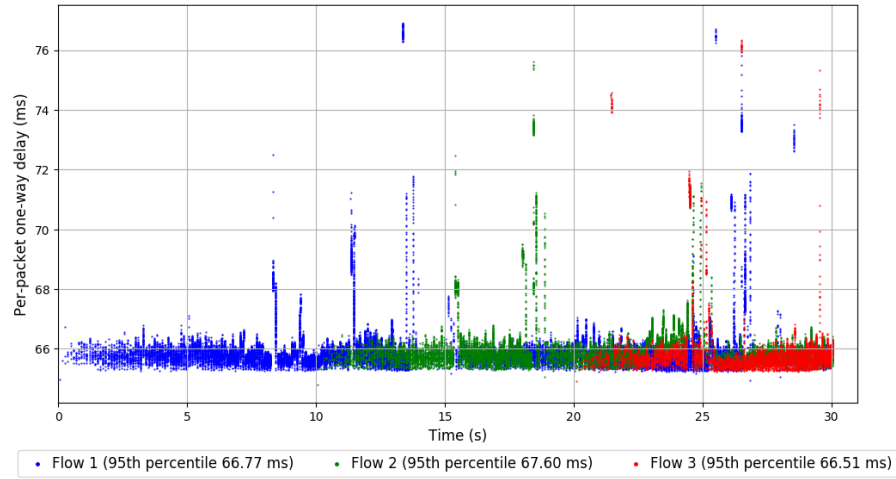
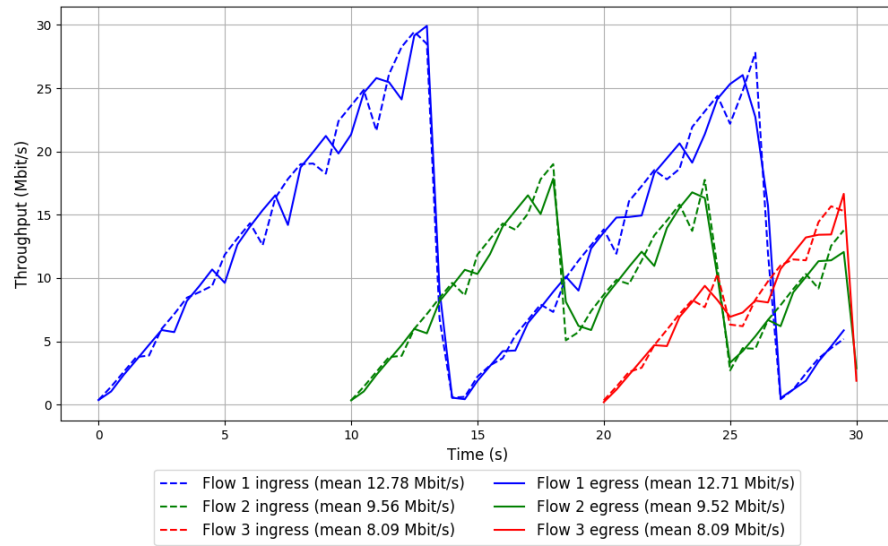
-- Flow 3:

Average throughput: 8.09 Mbit/s

95th percentile per-packet one-way delay: 66.506 ms

Loss rate: 0.06%

Run 4: Report of LEDBAT — Data Link

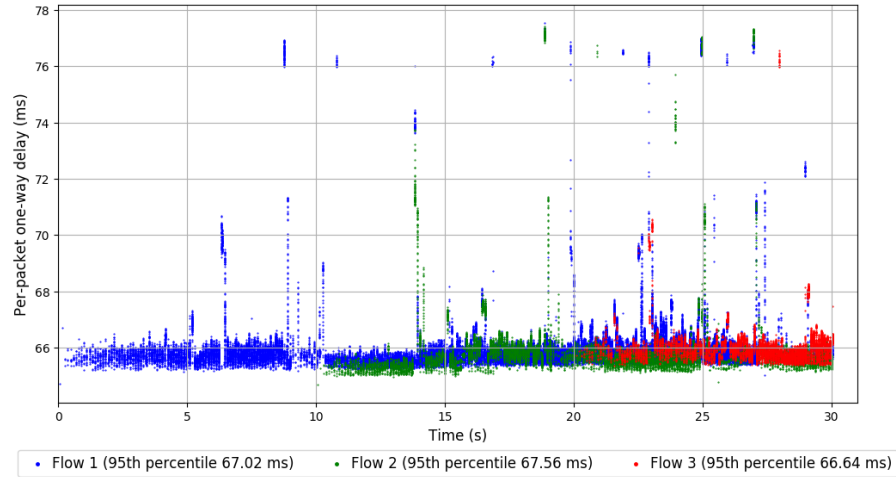
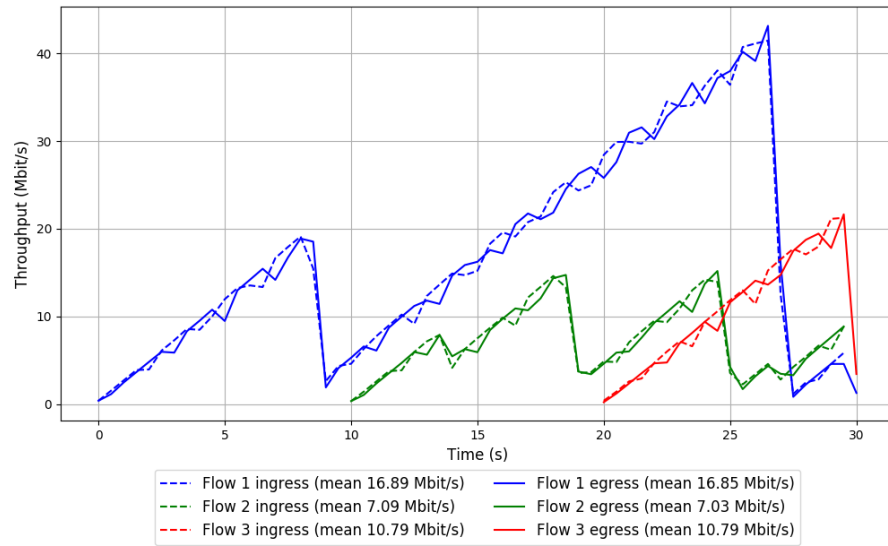


Run 5: Statistics of LEDBAT

Start at: 2018-03-27 19:54:48
End at: 2018-03-27 19:55:18
Local clock offset: -3.355 ms
Remote clock offset: -11.404 ms

Below is generated by plot.py at 2018-03-27 22:35:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 25.10 Mbit/s
95th percentile per-packet one-way delay: 67.096 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 16.85 Mbit/s
95th percentile per-packet one-way delay: 67.015 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 7.03 Mbit/s
95th percentile per-packet one-way delay: 67.559 ms
Loss rate: 0.86%
-- Flow 3:
Average throughput: 10.79 Mbit/s
95th percentile per-packet one-way delay: 66.643 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

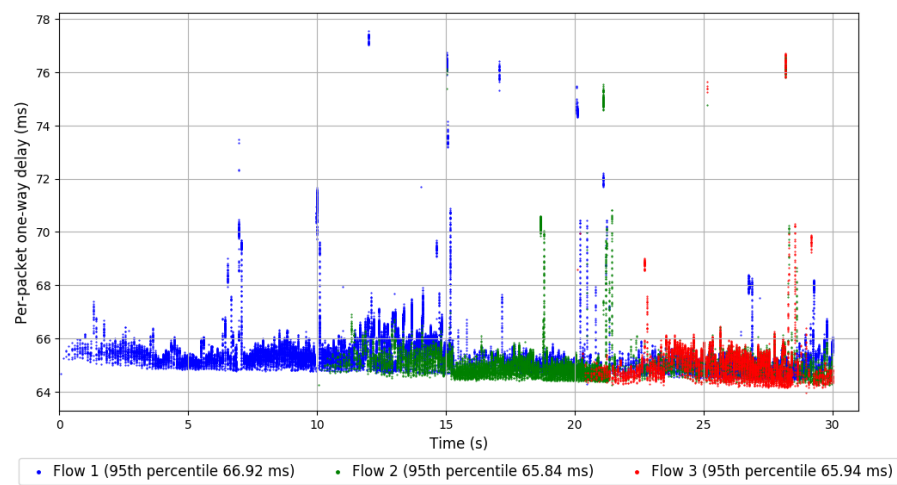
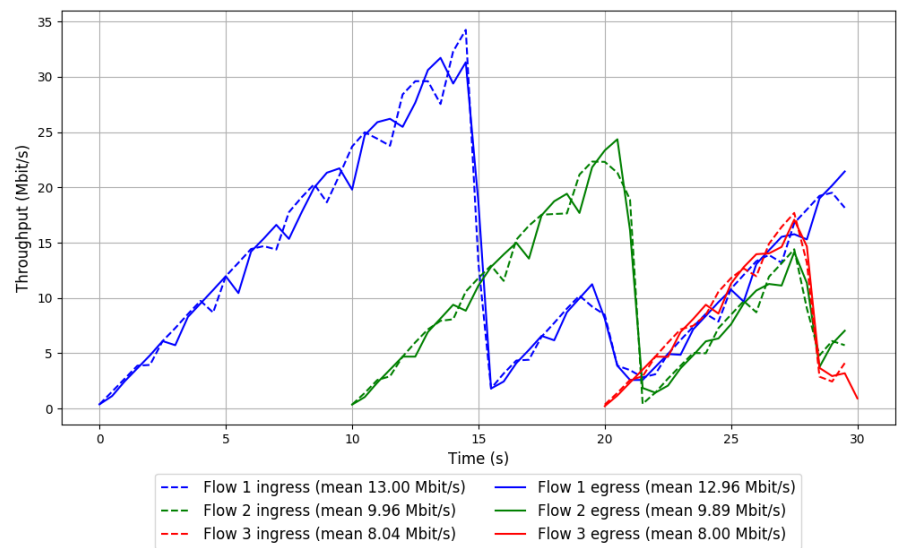


Run 6: Statistics of LEDBAT

Start at: 2018-03-27 20:18:09
End at: 2018-03-27 20:18:39
Local clock offset: -3.384 ms
Remote clock offset: -17.585 ms

Below is generated by plot.py at 2018-03-27 22:35:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 22.18 Mbit/s
95th percentile per-packet one-way delay: 66.698 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 12.96 Mbit/s
95th percentile per-packet one-way delay: 66.923 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 9.89 Mbit/s
95th percentile per-packet one-way delay: 65.839 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 8.00 Mbit/s
95th percentile per-packet one-way delay: 65.938 ms
Loss rate: 0.54%

Run 6: Report of LEDBAT — Data Link

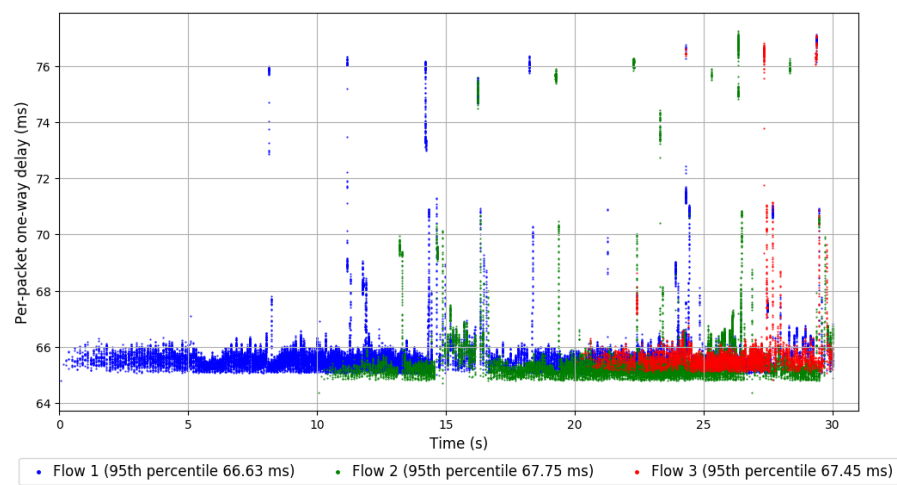
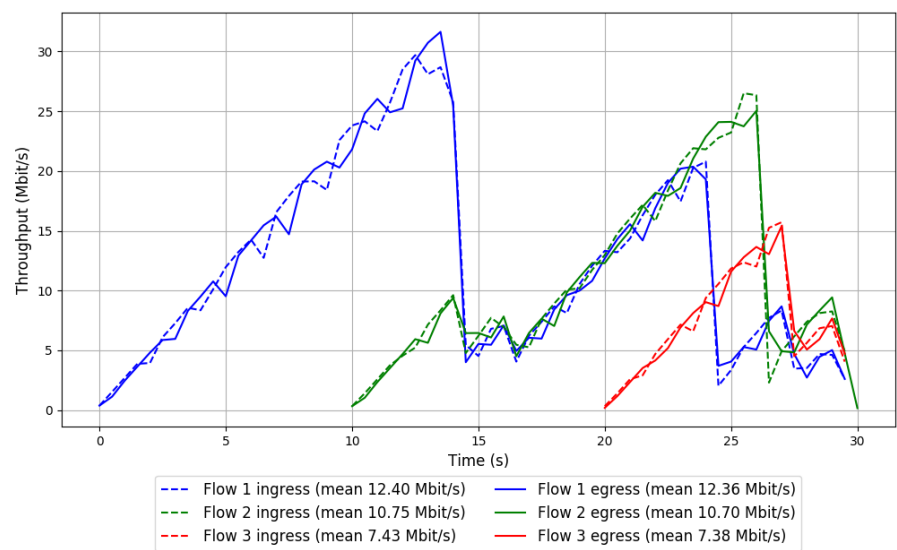


Run 7: Statistics of LEDBAT

Start at: 2018-03-27 20:41:22
End at: 2018-03-27 20:41:52
Local clock offset: -3.998 ms
Remote clock offset: -10.128 ms

Below is generated by plot.py at 2018-03-27 22:35:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 21.92 Mbit/s
95th percentile per-packet one-way delay: 67.079 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 12.36 Mbit/s
95th percentile per-packet one-way delay: 66.626 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 10.70 Mbit/s
95th percentile per-packet one-way delay: 67.754 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 7.38 Mbit/s
95th percentile per-packet one-way delay: 67.450 ms
Loss rate: 0.69%

Run 7: Report of LEDBAT — Data Link

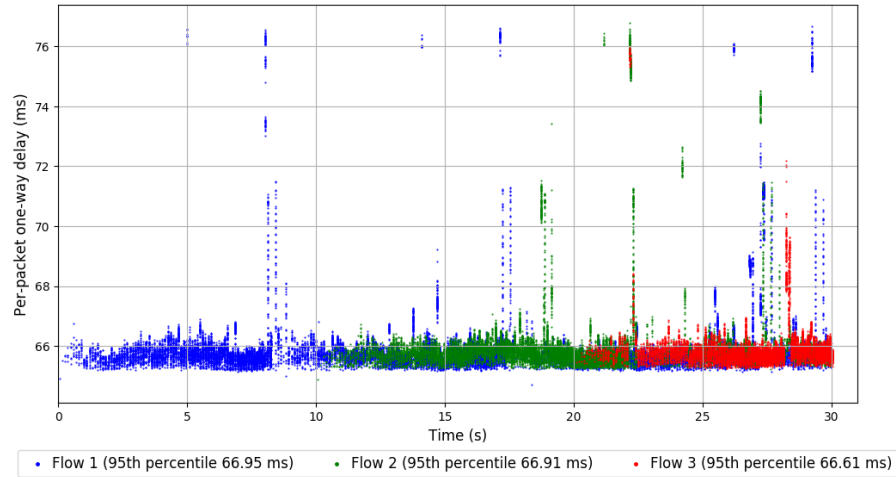
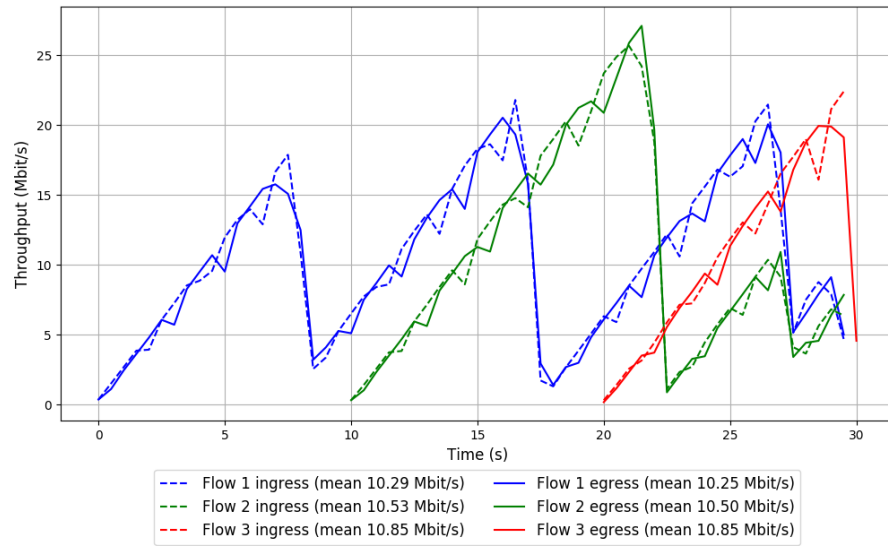


Run 8: Statistics of LEDBAT

Start at: 2018-03-27 21:04:37
End at: 2018-03-27 21:05:07
Local clock offset: -2.851 ms
Remote clock offset: -9.113 ms

Below is generated by plot.py at 2018-03-27 22:35:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 20.80 Mbit/s
95th percentile per-packet one-way delay: 66.835 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 10.25 Mbit/s
95th percentile per-packet one-way delay: 66.948 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 10.50 Mbit/s
95th percentile per-packet one-way delay: 66.907 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 10.85 Mbit/s
95th percentile per-packet one-way delay: 66.605 ms
Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: 2018-03-27 21:27:31

End at: 2018-03-27 21:28:01

Local clock offset: 6.913 ms

Remote clock offset: -8.63 ms

Below is generated by plot.py at 2018-03-27 22:35:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 18.65 Mbit/s

95th percentile per-packet one-way delay: 68.672 ms

Loss rate: 0.41%

-- Flow 1:

Average throughput: 9.96 Mbit/s

95th percentile per-packet one-way delay: 68.120 ms

Loss rate: 0.35%

-- Flow 2:

Average throughput: 9.49 Mbit/s

95th percentile per-packet one-way delay: 68.906 ms

Loss rate: 0.59%

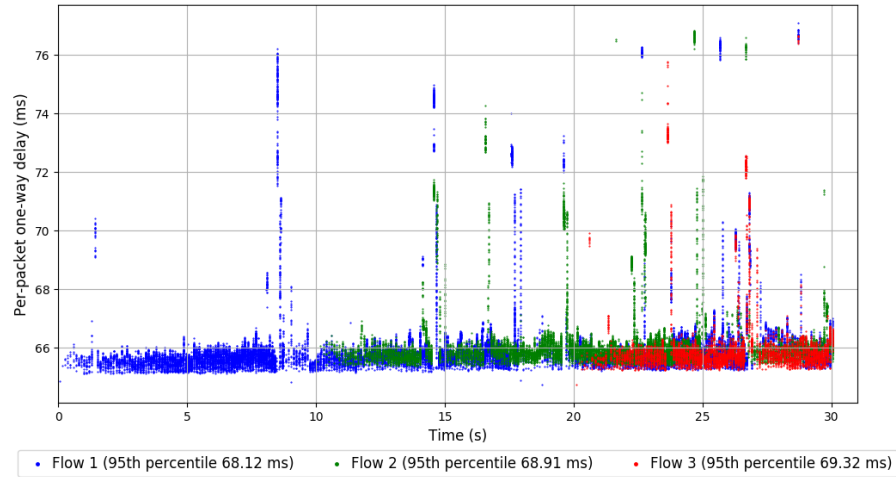
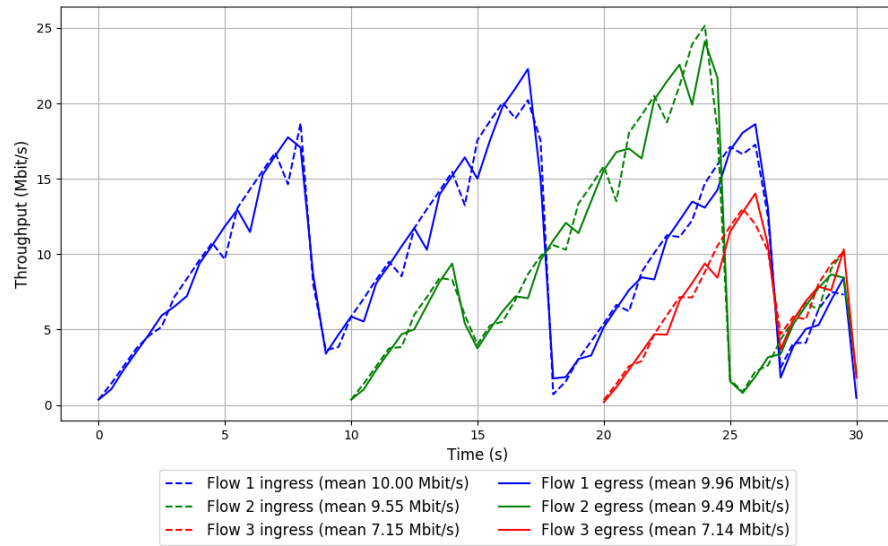
-- Flow 3:

Average throughput: 7.14 Mbit/s

95th percentile per-packet one-way delay: 69.321 ms

Loss rate: 0.18%

Run 9: Report of LEDBAT — Data Link

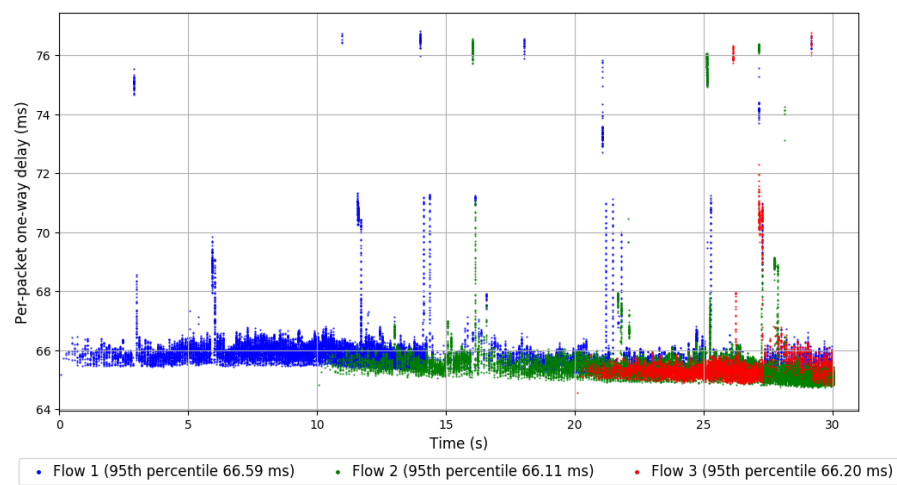
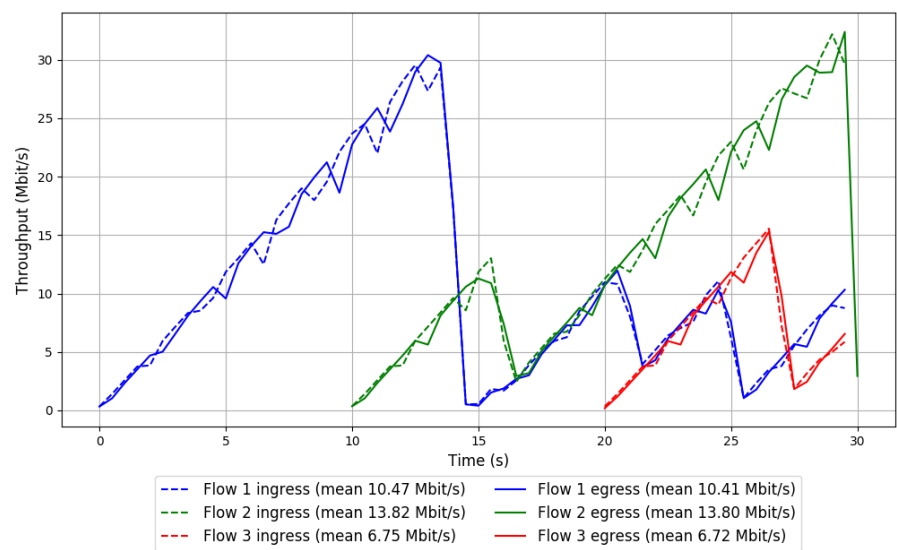


Run 10: Statistics of LEDBAT

Start at: 2018-03-27 21:50:31
End at: 2018-03-27 21:51:01
Local clock offset: 13.026 ms
Remote clock offset: -7.343 ms

Below is generated by plot.py at 2018-03-27 22:35:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 21.80 Mbit/s
95th percentile per-packet one-way delay: 66.466 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 10.41 Mbit/s
95th percentile per-packet one-way delay: 66.589 ms
Loss rate: 0.57%
-- Flow 2:
Average throughput: 13.80 Mbit/s
95th percentile per-packet one-way delay: 66.105 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 6.72 Mbit/s
95th percentile per-packet one-way delay: 66.196 ms
Loss rate: 0.49%

Run 10: Report of LEDBAT — Data Link

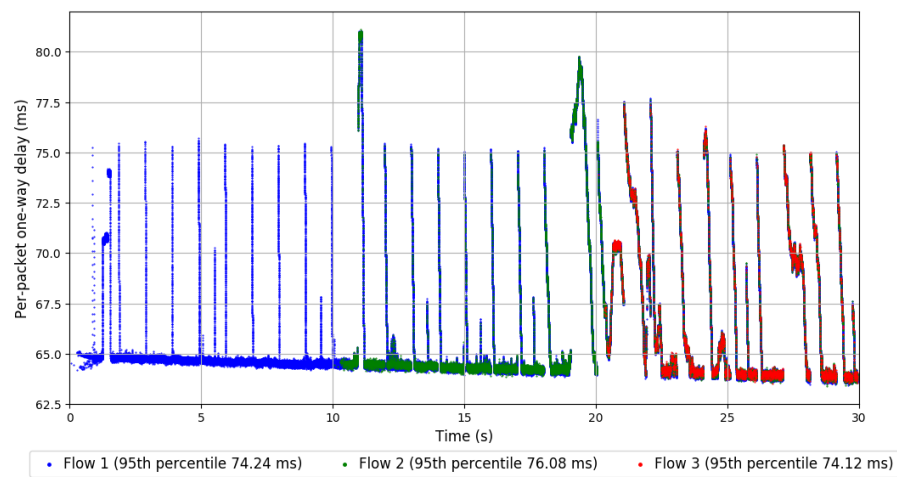
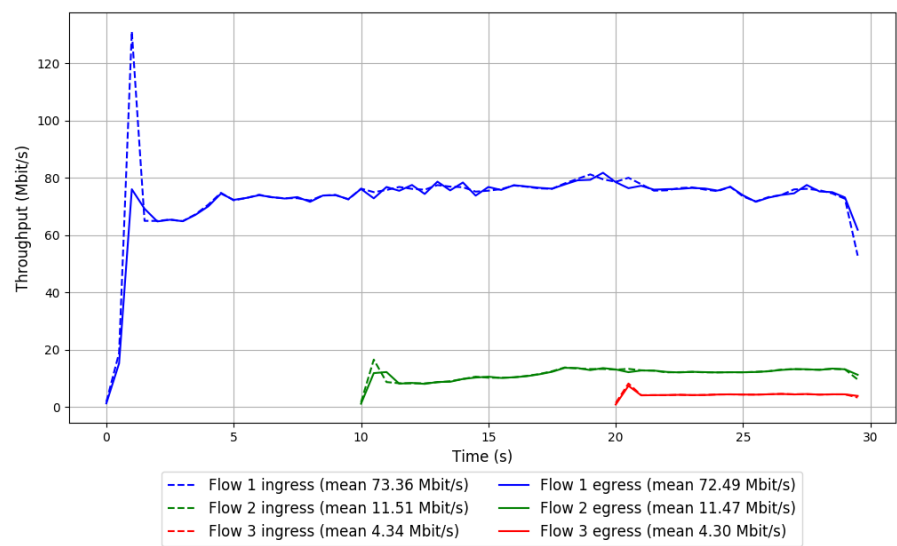


Run 1: Statistics of PCC

Start at: 2018-03-27 18:34:41
End at: 2018-03-27 18:35:11
Local clock offset: 9.104 ms
Remote clock offset: -4.076 ms

Below is generated by plot.py at 2018-03-27 22:36:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.53 Mbit/s
95th percentile per-packet one-way delay: 74.446 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 72.49 Mbit/s
95th percentile per-packet one-way delay: 74.240 ms
Loss rate: 1.18%
-- Flow 2:
Average throughput: 11.47 Mbit/s
95th percentile per-packet one-way delay: 76.076 ms
Loss rate: 0.41%
-- Flow 3:
Average throughput: 4.30 Mbit/s
95th percentile per-packet one-way delay: 74.119 ms
Loss rate: 0.96%

Run 1: Report of PCC — Data Link

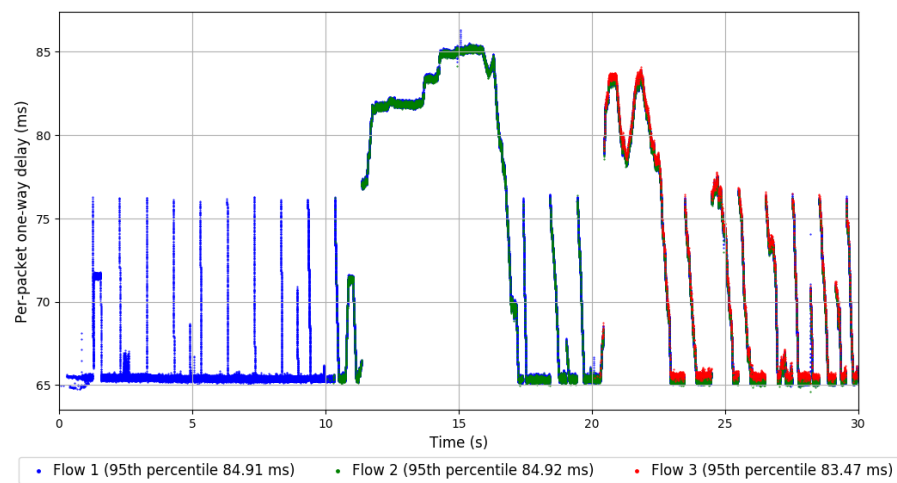
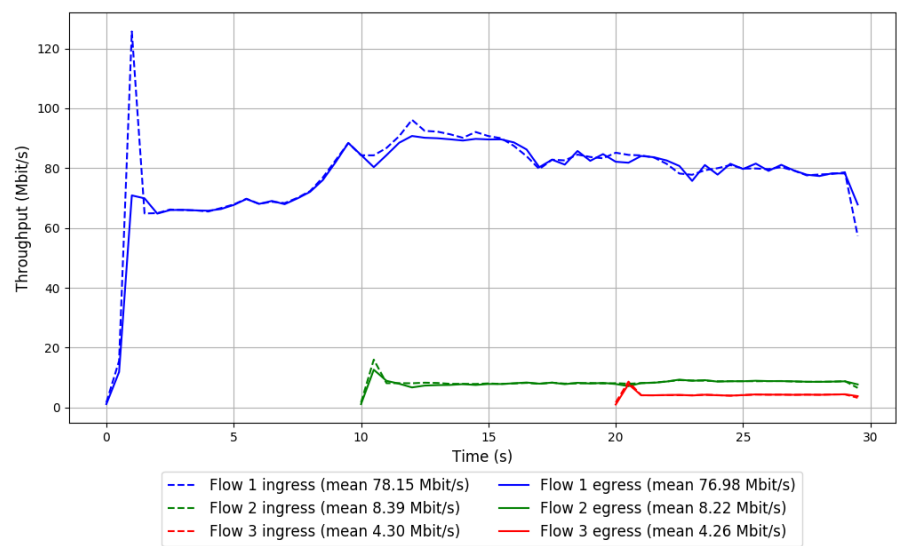


Run 2: Statistics of PCC

Start at: 2018-03-27 18:57:51
End at: 2018-03-27 18:58:21
Local clock offset: 15.934 ms
Remote clock offset: 29.117 ms

Below is generated by plot.py at 2018-03-27 22:36:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.85 Mbit/s
95th percentile per-packet one-way delay: 84.897 ms
Loss rate: 1.52%
-- Flow 1:
Average throughput: 76.98 Mbit/s
95th percentile per-packet one-way delay: 84.906 ms
Loss rate: 1.49%
-- Flow 2:
Average throughput: 8.22 Mbit/s
95th percentile per-packet one-way delay: 84.915 ms
Loss rate: 2.04%
-- Flow 3:
Average throughput: 4.26 Mbit/s
95th percentile per-packet one-way delay: 83.466 ms
Loss rate: 1.04%

Run 2: Report of PCC — Data Link

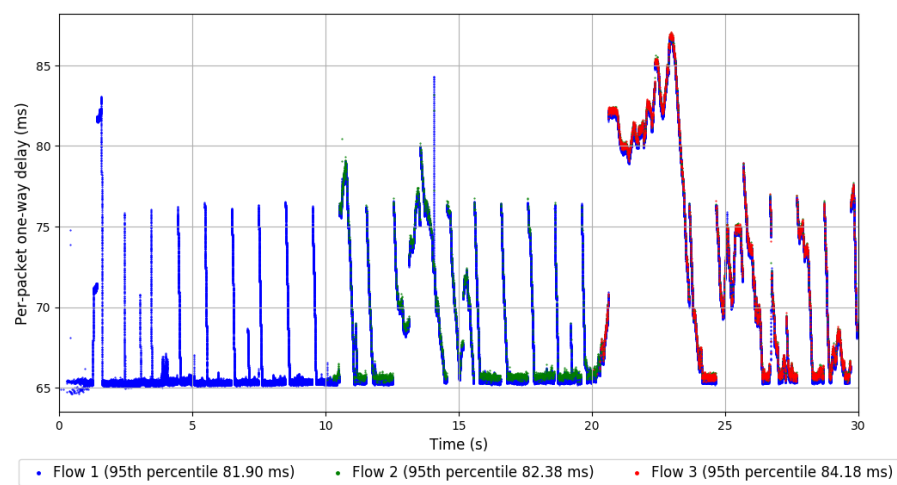
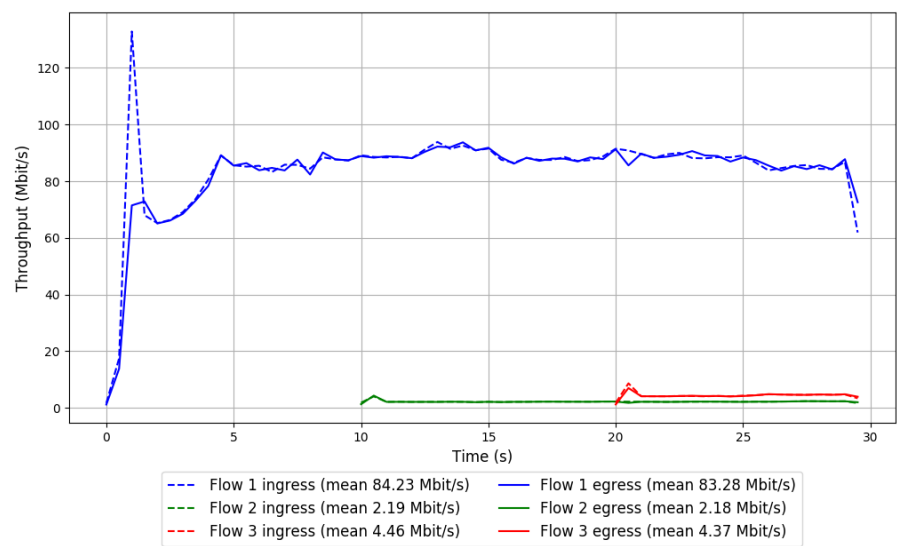


Run 3: Statistics of PCC

Start at: 2018-03-27 19:20:51
End at: 2018-03-27 19:21:21
Local clock offset: 0.455 ms
Remote clock offset: 10.762 ms

Below is generated by plot.py at 2018-03-27 22:36:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.17 Mbit/s
95th percentile per-packet one-way delay: 81.958 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 83.28 Mbit/s
95th percentile per-packet one-way delay: 81.904 ms
Loss rate: 1.13%
-- Flow 2:
Average throughput: 2.18 Mbit/s
95th percentile per-packet one-way delay: 82.382 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 4.37 Mbit/s
95th percentile per-packet one-way delay: 84.184 ms
Loss rate: 1.97%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: 2018-03-27 19:44:18

End at: 2018-03-27 19:44:48

Local clock offset: -2.576 ms

Remote clock offset: 0.54 ms

Below is generated by plot.py at 2018-03-27 22:36:23

Datalink statistics

-- Total of 3 flows:

Average throughput: 82.95 Mbit/s

95th percentile per-packet one-way delay: 81.539 ms

Loss rate: 1.74%

-- Flow 1:

Average throughput: 69.75 Mbit/s

95th percentile per-packet one-way delay: 81.203 ms

Loss rate: 1.70%

-- Flow 2:

Average throughput: 15.51 Mbit/s

95th percentile per-packet one-way delay: 82.184 ms

Loss rate: 2.14%

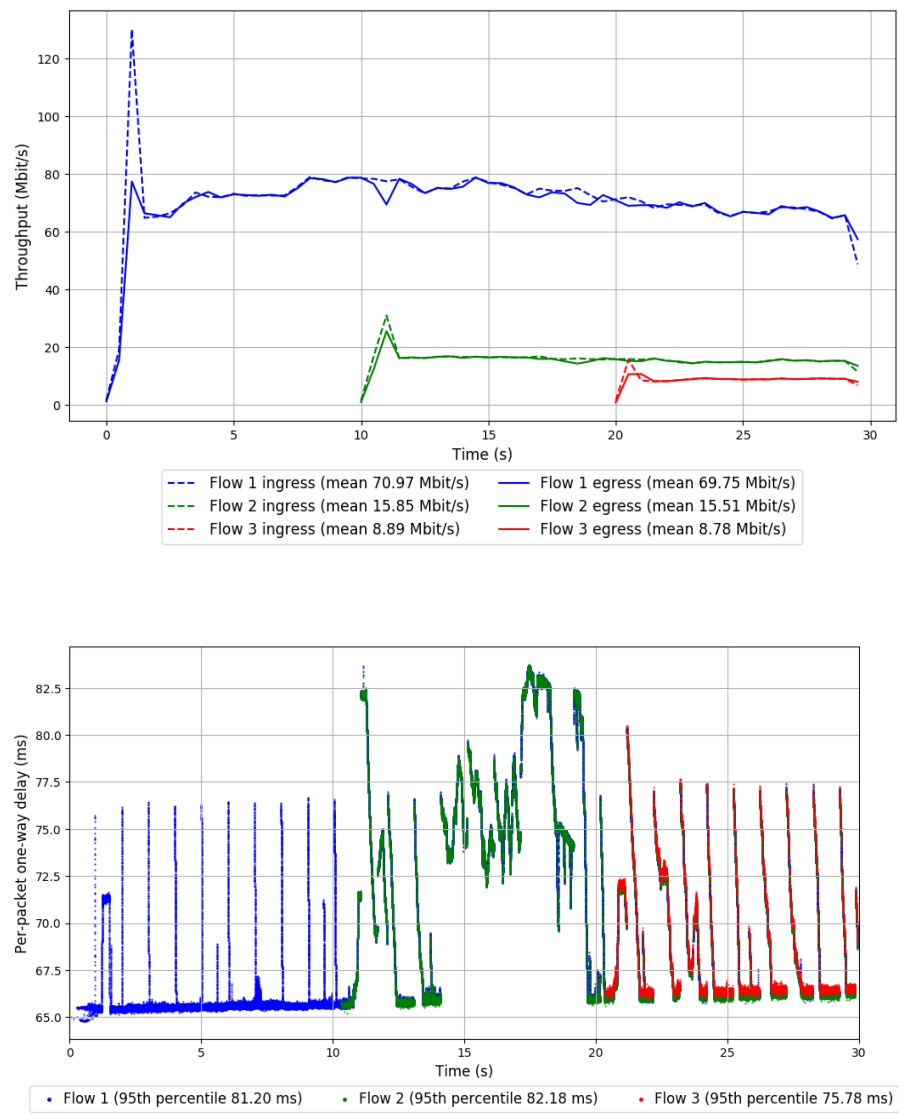
-- Flow 3:

Average throughput: 8.78 Mbit/s

95th percentile per-packet one-way delay: 75.777 ms

Loss rate: 1.24%

Run 4: Report of PCC — Data Link

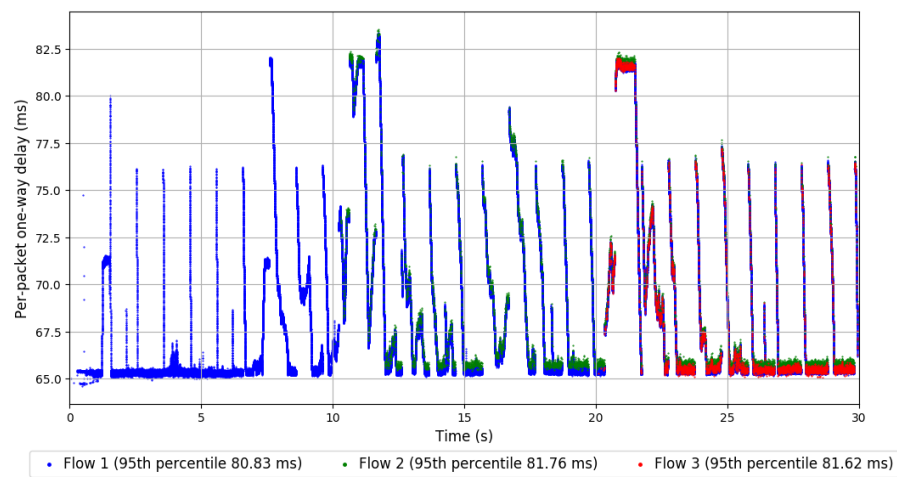
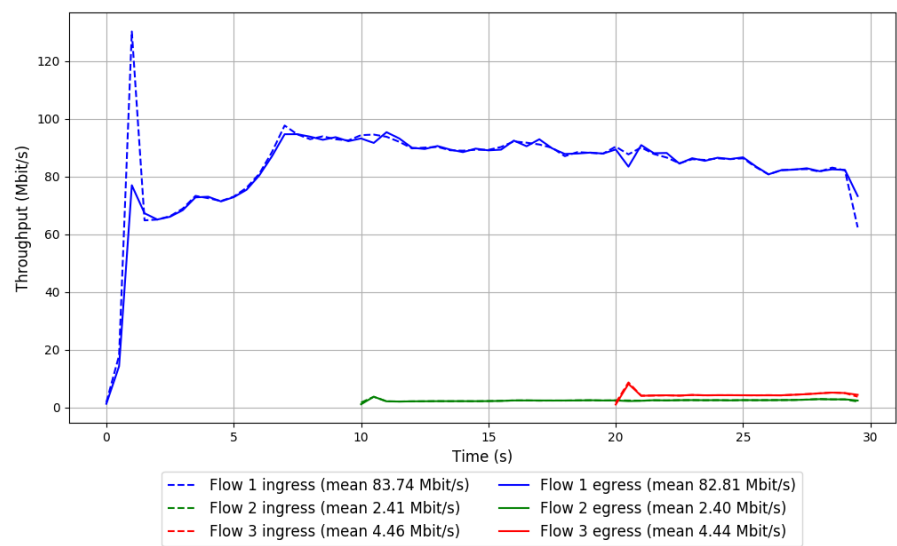


Run 5: Statistics of PCC

Start at: 2018-03-27 20:07:31
End at: 2018-03-27 20:08:01
Local clock offset: -5.161 ms
Remote clock offset: -18.09 ms

Below is generated by plot.py at 2018-03-27 22:36:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.87 Mbit/s
95th percentile per-packet one-way delay: 81.006 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 82.81 Mbit/s
95th percentile per-packet one-way delay: 80.835 ms
Loss rate: 1.08%
-- Flow 2:
Average throughput: 2.40 Mbit/s
95th percentile per-packet one-way delay: 81.761 ms
Loss rate: 0.57%
-- Flow 3:
Average throughput: 4.44 Mbit/s
95th percentile per-packet one-way delay: 81.617 ms
Loss rate: 0.58%

Run 5: Report of PCC — Data Link

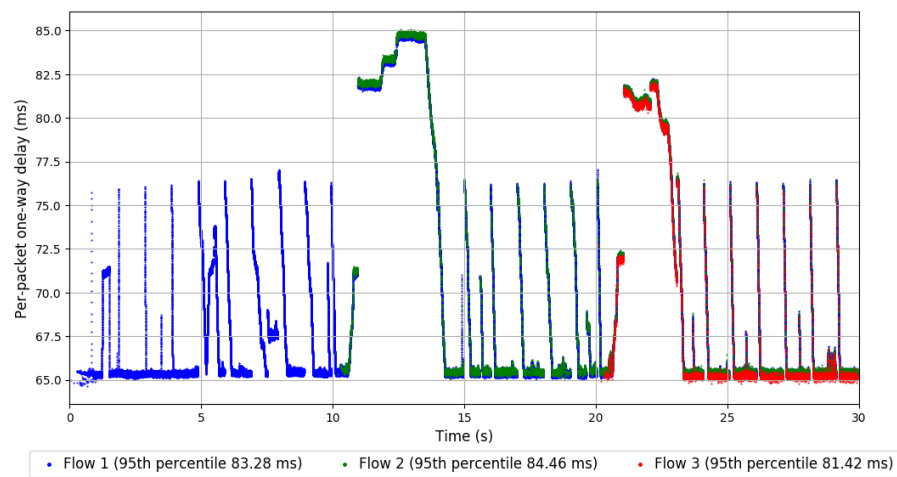
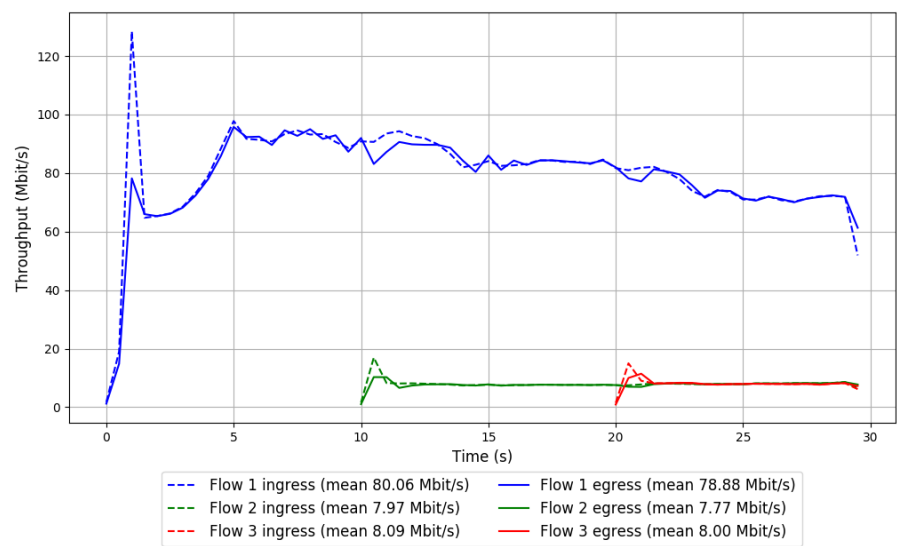


Run 6: Statistics of PCC

Start at: 2018-03-27 20:31:00
End at: 2018-03-27 20:31:30
Local clock offset: -3.473 ms
Remote clock offset: -10.629 ms

Below is generated by plot.py at 2018-03-27 22:36:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.66 Mbit/s
95th percentile per-packet one-way delay: 83.280 ms
Loss rate: 1.56%
-- Flow 1:
Average throughput: 78.88 Mbit/s
95th percentile per-packet one-way delay: 83.284 ms
Loss rate: 1.52%
-- Flow 2:
Average throughput: 7.77 Mbit/s
95th percentile per-packet one-way delay: 84.460 ms
Loss rate: 2.43%
-- Flow 3:
Average throughput: 8.00 Mbit/s
95th percentile per-packet one-way delay: 81.417 ms
Loss rate: 1.21%

Run 6: Report of PCC — Data Link

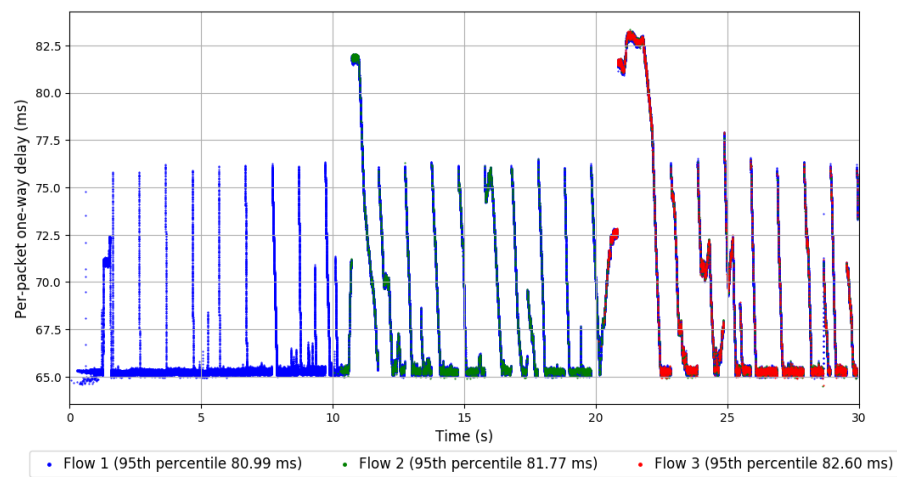
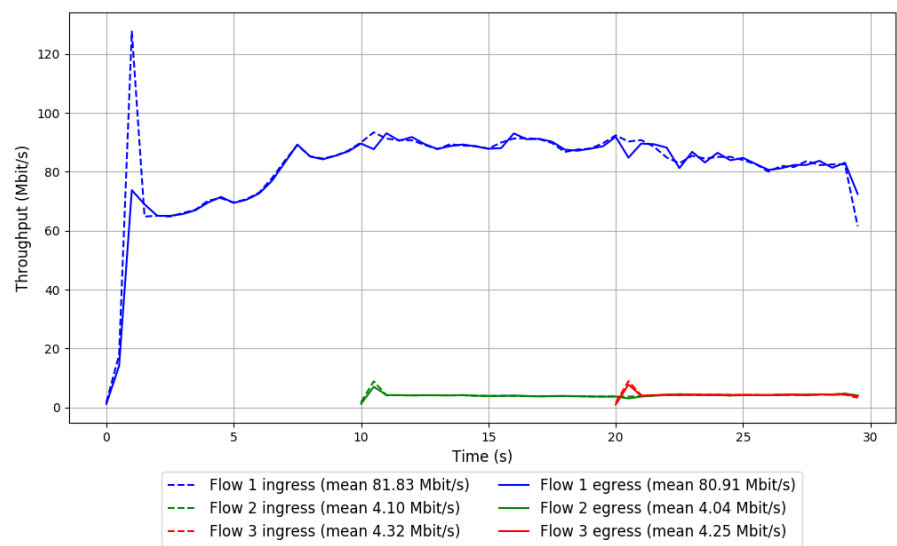


Run 7: Statistics of PCC

Start at: 2018-03-27 20:54:20
End at: 2018-03-27 20:54:50
Local clock offset: -3.018 ms
Remote clock offset: -9.612 ms

Below is generated by plot.py at 2018-03-27 22:36:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.00 Mbit/s
95th percentile per-packet one-way delay: 81.159 ms
Loss rate: 1.12%
-- Flow 1:
Average throughput: 80.91 Mbit/s
95th percentile per-packet one-way delay: 80.990 ms
Loss rate: 1.10%
-- Flow 2:
Average throughput: 4.04 Mbit/s
95th percentile per-packet one-way delay: 81.773 ms
Loss rate: 1.48%
-- Flow 3:
Average throughput: 4.25 Mbit/s
95th percentile per-packet one-way delay: 82.600 ms
Loss rate: 1.49%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: 2018-03-27 21:17:13

End at: 2018-03-27 21:17:43

Local clock offset: -3.037 ms

Remote clock offset: -9.31 ms

Below is generated by plot.py at 2018-03-27 22:36:26

Datalink statistics

-- Total of 3 flows:

Average throughput: 67.15 Mbit/s

95th percentile per-packet one-way delay: 81.052 ms

Loss rate: 0.81%

-- Flow 1:

Average throughput: 43.50 Mbit/s

95th percentile per-packet one-way delay: 80.212 ms

Loss rate: 0.46%

-- Flow 2:

Average throughput: 31.28 Mbit/s

95th percentile per-packet one-way delay: 81.198 ms

Loss rate: 1.50%

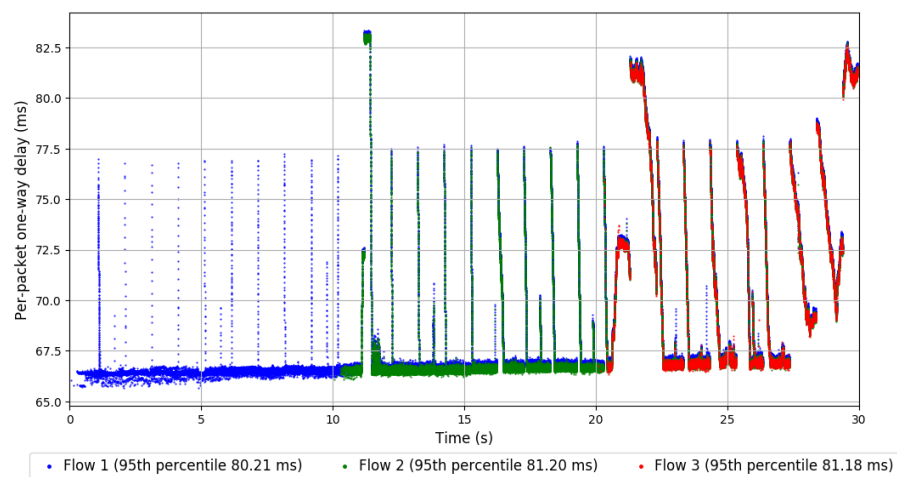
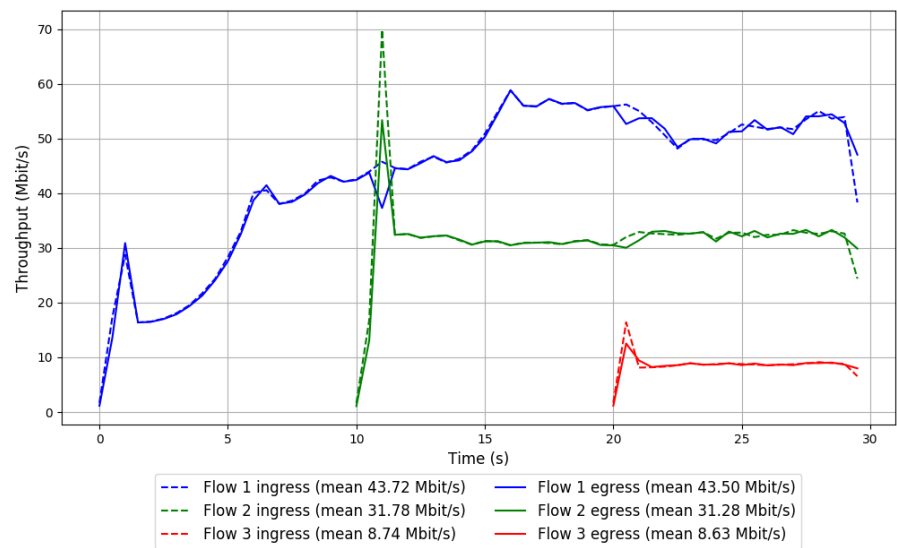
-- Flow 3:

Average throughput: 8.63 Mbit/s

95th percentile per-packet one-way delay: 81.179 ms

Loss rate: 1.07%

Run 8: Report of PCC — Data Link

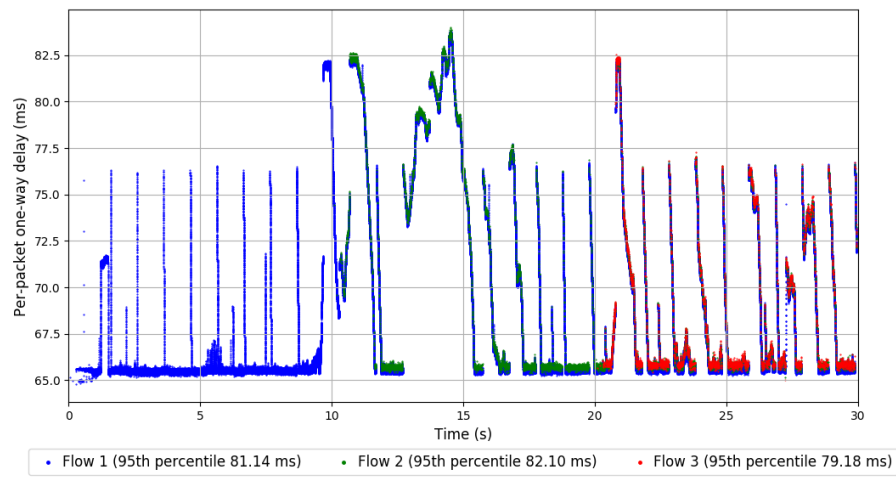
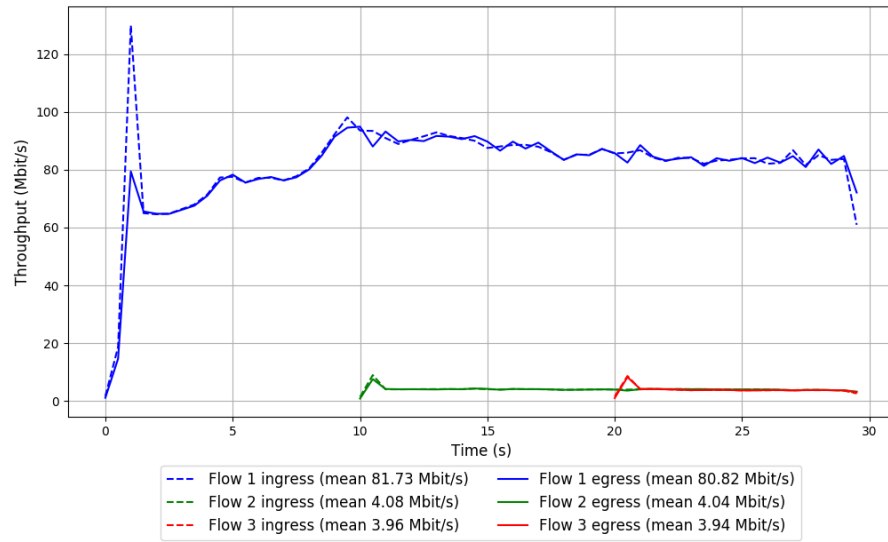


Run 9: Statistics of PCC

Start at: 2018-03-27 21:40:06
End at: 2018-03-27 21:40:36
Local clock offset: 10.991 ms
Remote clock offset: -7.477 ms

Below is generated by plot.py at 2018-03-27 22:37:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.81 Mbit/s
95th percentile per-packet one-way delay: 81.170 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 80.82 Mbit/s
95th percentile per-packet one-way delay: 81.144 ms
Loss rate: 1.09%
-- Flow 2:
Average throughput: 4.04 Mbit/s
95th percentile per-packet one-way delay: 82.097 ms
Loss rate: 1.00%
-- Flow 3:
Average throughput: 3.94 Mbit/s
95th percentile per-packet one-way delay: 79.178 ms
Loss rate: 0.41%

Run 9: Report of PCC — Data Link

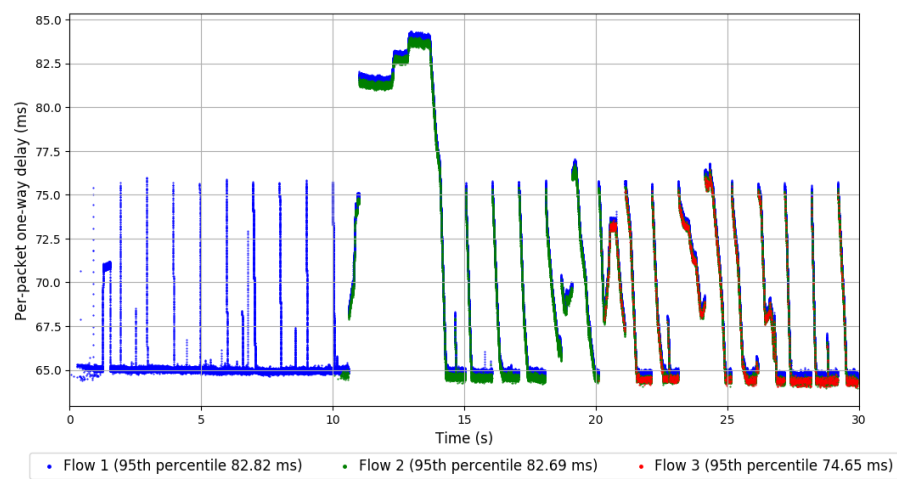
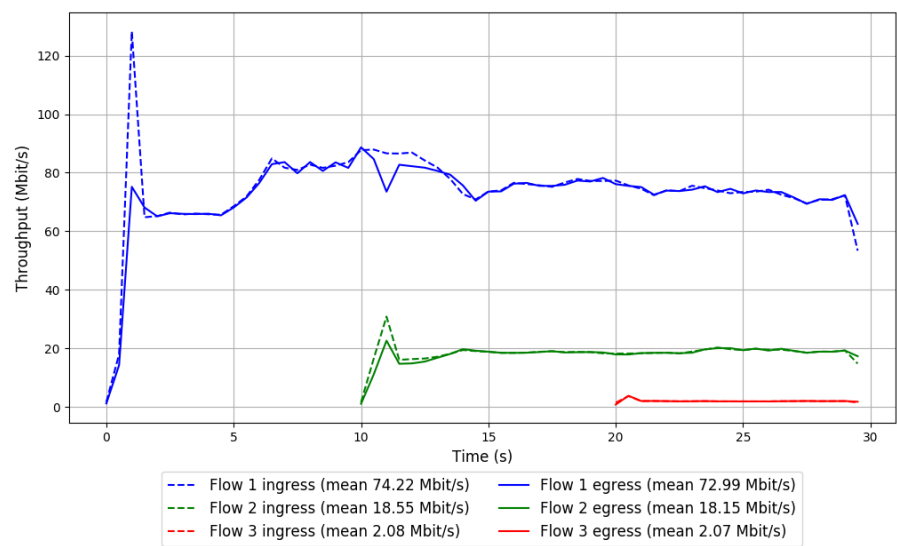


Run 10: Statistics of PCC

Start at: 2018-03-27 22:03:32
End at: 2018-03-27 22:04:02
Local clock offset: 4.29 ms
Remote clock offset: -2.053 ms

Below is generated by plot.py at 2018-03-27 22:37:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.74 Mbit/s
95th percentile per-packet one-way delay: 82.741 ms
Loss rate: 1.72%
-- Flow 1:
Average throughput: 72.99 Mbit/s
95th percentile per-packet one-way delay: 82.824 ms
Loss rate: 1.66%
-- Flow 2:
Average throughput: 18.15 Mbit/s
95th percentile per-packet one-way delay: 82.689 ms
Loss rate: 2.16%
-- Flow 3:
Average throughput: 2.07 Mbit/s
95th percentile per-packet one-way delay: 74.654 ms
Loss rate: 0.56%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-03-27 18:29:35

End at: 2018-03-27 18:30:05

Local clock offset: 5.294 ms

Remote clock offset: -9.52 ms

Below is generated by plot.py at 2018-03-27 22:37:51

Datalink statistics

-- Total of 3 flows:

Average throughput: 62.31 Mbit/s

95th percentile per-packet one-way delay: 72.609 ms

Loss rate: 0.82%

-- Flow 1:

Average throughput: 37.68 Mbit/s

95th percentile per-packet one-way delay: 72.239 ms

Loss rate: 1.12%

-- Flow 2:

Average throughput: 32.83 Mbit/s

95th percentile per-packet one-way delay: 73.018 ms

Loss rate: 0.38%

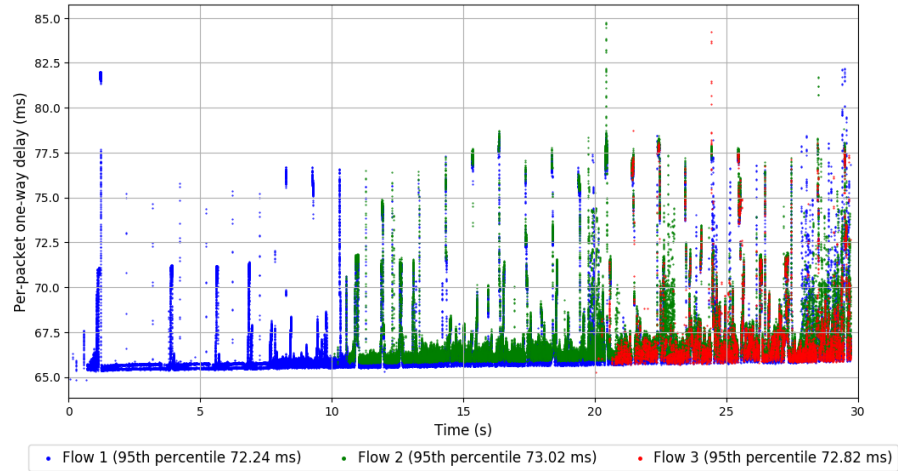
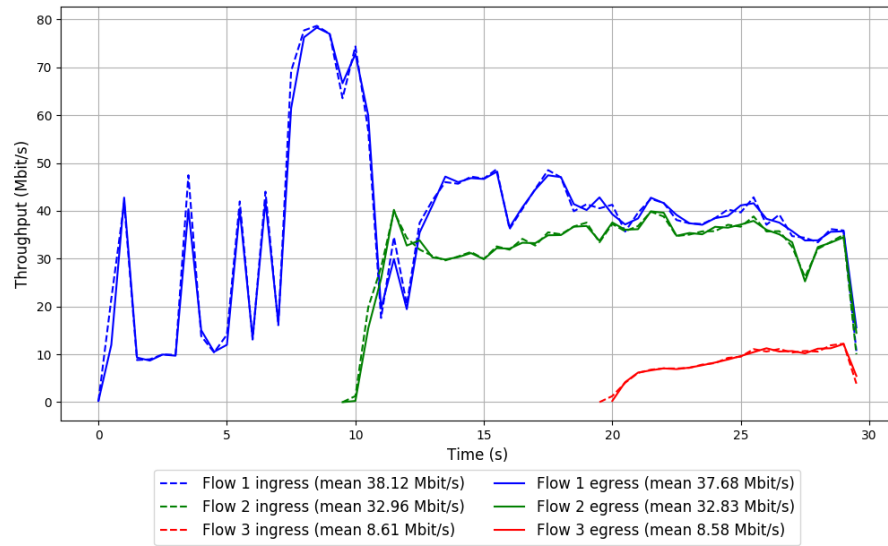
-- Flow 3:

Average throughput: 8.58 Mbit/s

95th percentile per-packet one-way delay: 72.817 ms

Loss rate: 0.23%

Run 1: Report of QUIC Cubic — Data Link

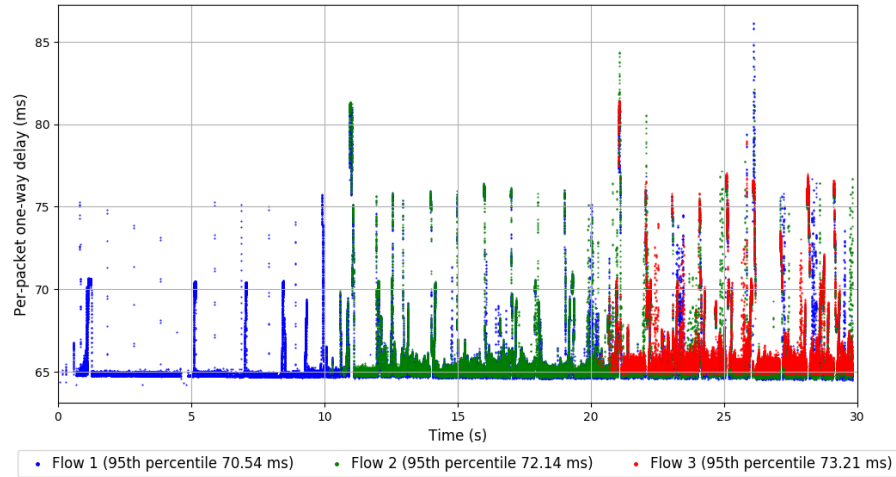
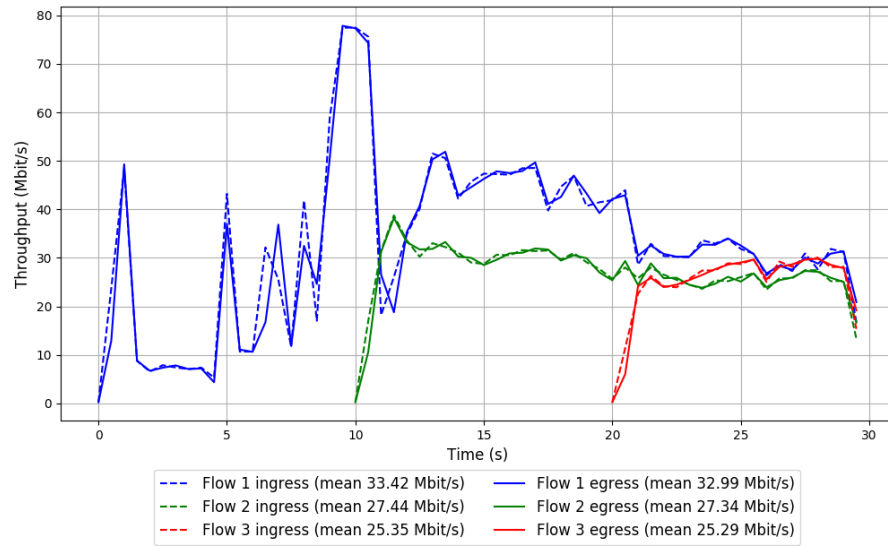


Run 2: Statistics of QUIC Cubic

Start at: 2018-03-27 18:52:45
End at: 2018-03-27 18:53:15
Local clock offset: 15.327 ms
Remote clock offset: 25.088 ms

Below is generated by plot.py at 2018-03-27 22:37:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 59.35 Mbit/s
95th percentile per-packet one-way delay: 71.330 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 32.99 Mbit/s
95th percentile per-packet one-way delay: 70.542 ms
Loss rate: 1.27%
-- Flow 2:
Average throughput: 27.34 Mbit/s
95th percentile per-packet one-way delay: 72.140 ms
Loss rate: 0.37%
-- Flow 3:
Average throughput: 25.29 Mbit/s
95th percentile per-packet one-way delay: 73.214 ms
Loss rate: 0.23%

Run 2: Report of QUIC Cubic — Data Link

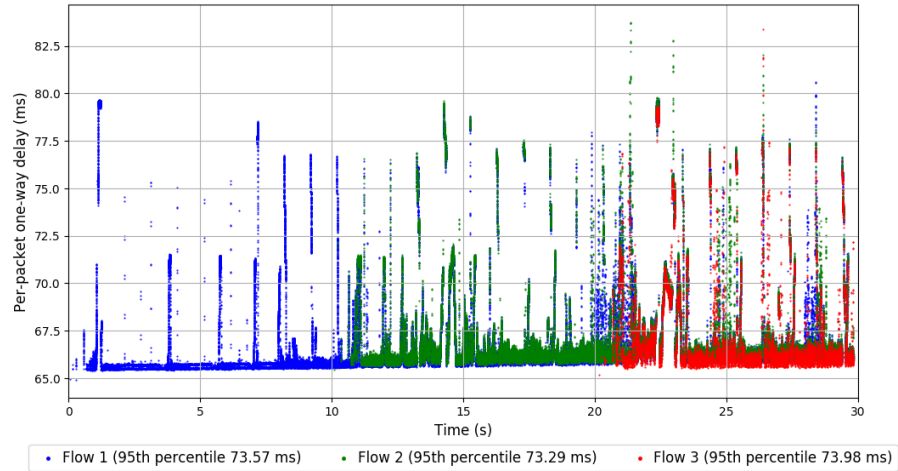
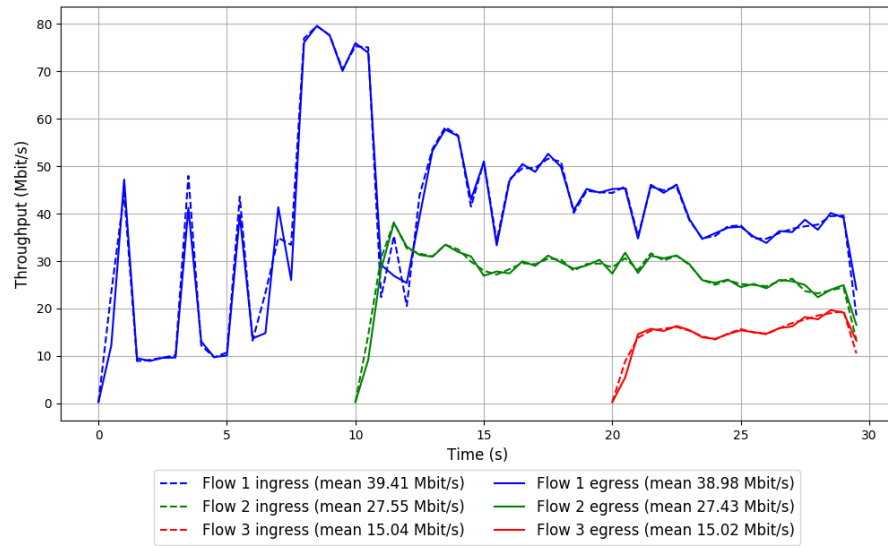


Run 3: Statistics of QUIC Cubic

Start at: 2018-03-27 19:15:48
End at: 2018-03-27 19:16:18
Local clock offset: 2.39 ms
Remote clock offset: 15.745 ms

Below is generated by plot.py at 2018-03-27 22:37:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.04 Mbit/s
95th percentile per-packet one-way delay: 73.526 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 38.98 Mbit/s
95th percentile per-packet one-way delay: 73.572 ms
Loss rate: 1.08%
-- Flow 2:
Average throughput: 27.43 Mbit/s
95th percentile per-packet one-way delay: 73.290 ms
Loss rate: 0.41%
-- Flow 3:
Average throughput: 15.02 Mbit/s
95th percentile per-packet one-way delay: 73.977 ms
Loss rate: 0.20%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-03-27 19:39:12

End at: 2018-03-27 19:39:42

Local clock offset: -2.143 ms

Remote clock offset: 6.526 ms

Below is generated by plot.py at 2018-03-27 22:37:51

Datalink statistics

-- Total of 3 flows:

Average throughput: 65.10 Mbit/s

95th percentile per-packet one-way delay: 73.983 ms

Loss rate: 0.36%

-- Flow 1:

Average throughput: 46.64 Mbit/s

95th percentile per-packet one-way delay: 73.753 ms

Loss rate: 0.43%

-- Flow 2:

Average throughput: 16.95 Mbit/s

95th percentile per-packet one-way delay: 74.342 ms

Loss rate: 0.17%

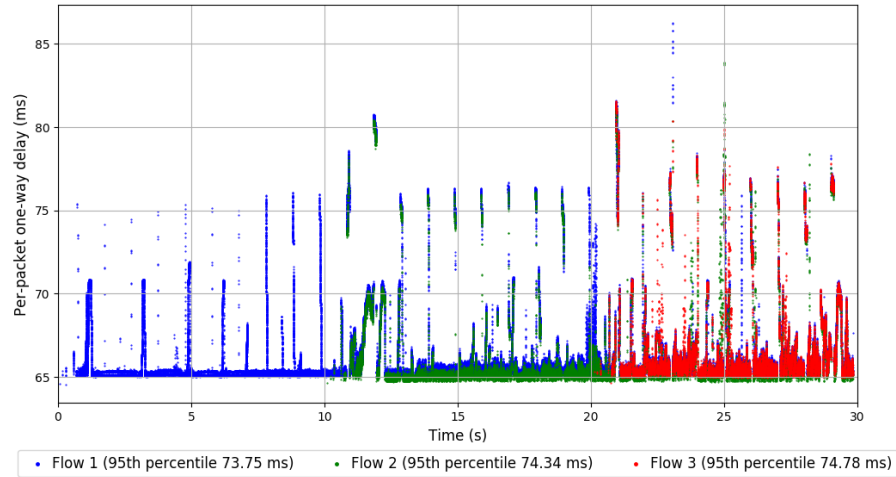
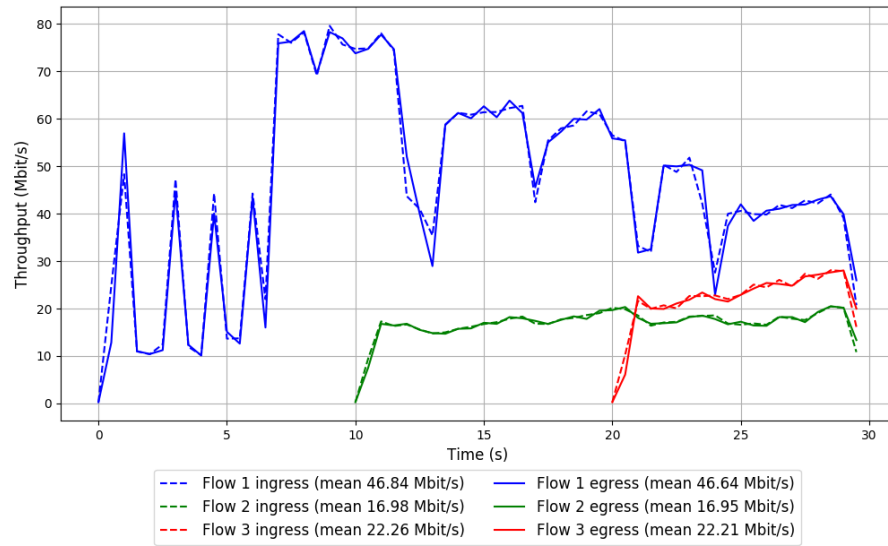
-- Flow 3:

Average throughput: 22.21 Mbit/s

95th percentile per-packet one-way delay: 74.776 ms

Loss rate: 0.21%

Run 4: Report of QUIC Cubic — Data Link

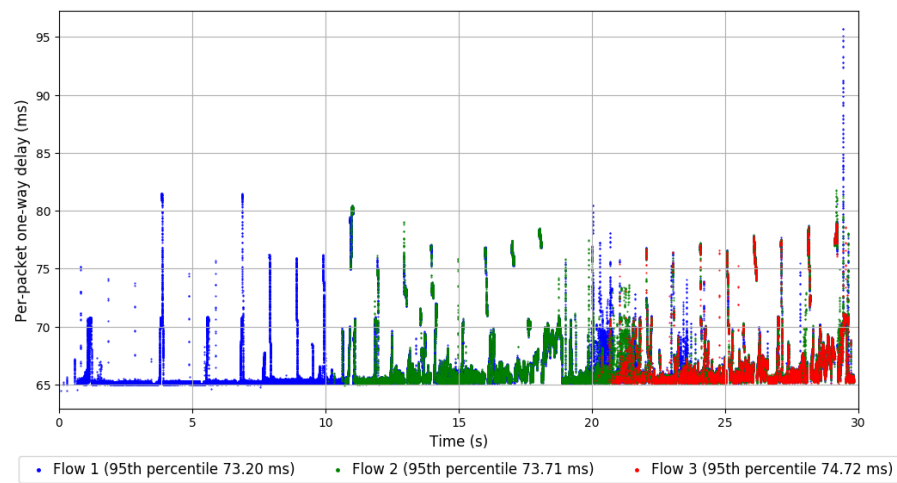
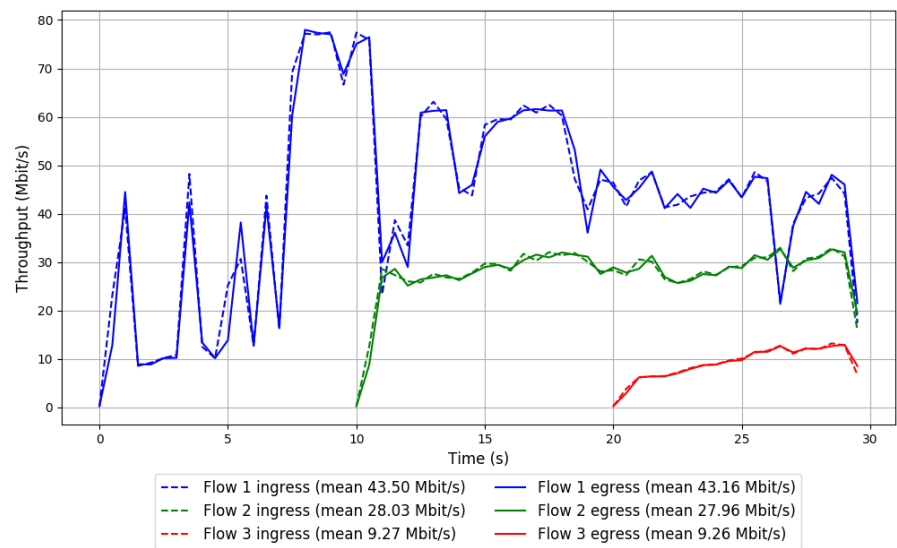


Run 5: Statistics of QUIC Cubic

Start at: 2018-03-27 20:02:25
End at: 2018-03-27 20:02:55
Local clock offset: -4.437 ms
Remote clock offset: -15.92 ms

Below is generated by plot.py at 2018-03-27 22:37:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 64.70 Mbit/s
95th percentile per-packet one-way delay: 73.353 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 43.16 Mbit/s
95th percentile per-packet one-way delay: 73.196 ms
Loss rate: 0.77%
-- Flow 2:
Average throughput: 27.96 Mbit/s
95th percentile per-packet one-way delay: 73.707 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 9.26 Mbit/s
95th percentile per-packet one-way delay: 74.715 ms
Loss rate: 0.13%

Run 5: Report of QUIC Cubic — Data Link

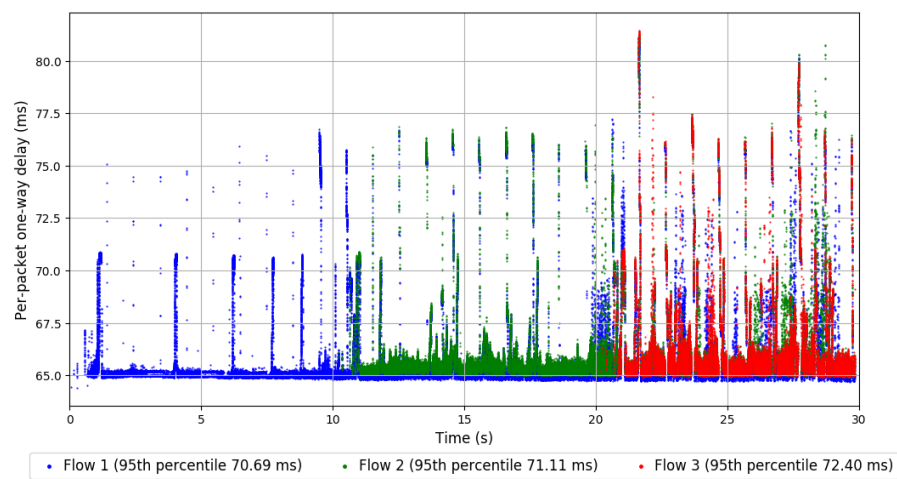
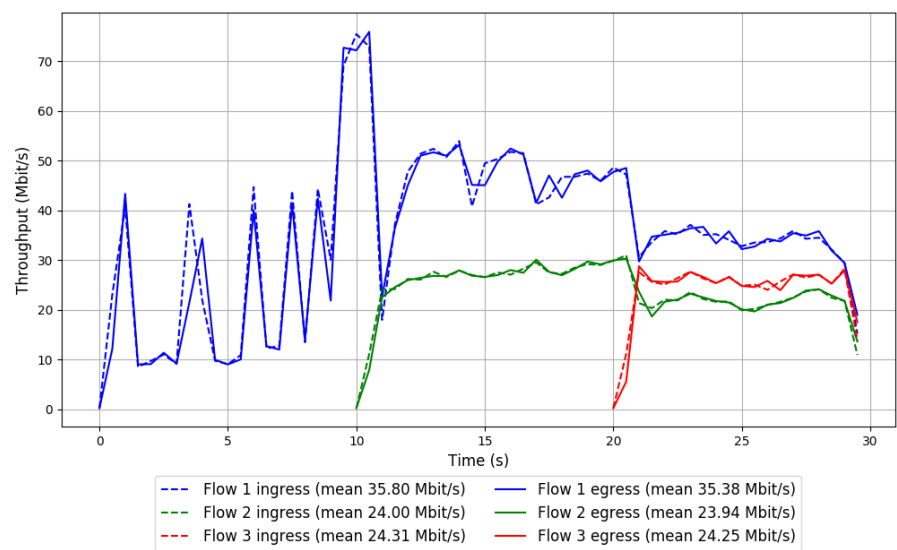


Run 6: Statistics of QUIC Cubic

Start at: 2018-03-27 20:26:02
End at: 2018-03-27 20:26:32
Local clock offset: -3.294 ms
Remote clock offset: -12.021 ms

Below is generated by plot.py at 2018-03-27 22:37:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 59.12 Mbit/s
95th percentile per-packet one-way delay: 70.815 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 35.38 Mbit/s
95th percentile per-packet one-way delay: 70.685 ms
Loss rate: 1.15%
-- Flow 2:
Average throughput: 23.94 Mbit/s
95th percentile per-packet one-way delay: 71.110 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 24.25 Mbit/s
95th percentile per-packet one-way delay: 72.396 ms
Loss rate: 0.25%

Run 6: Report of QUIC Cubic — Data Link

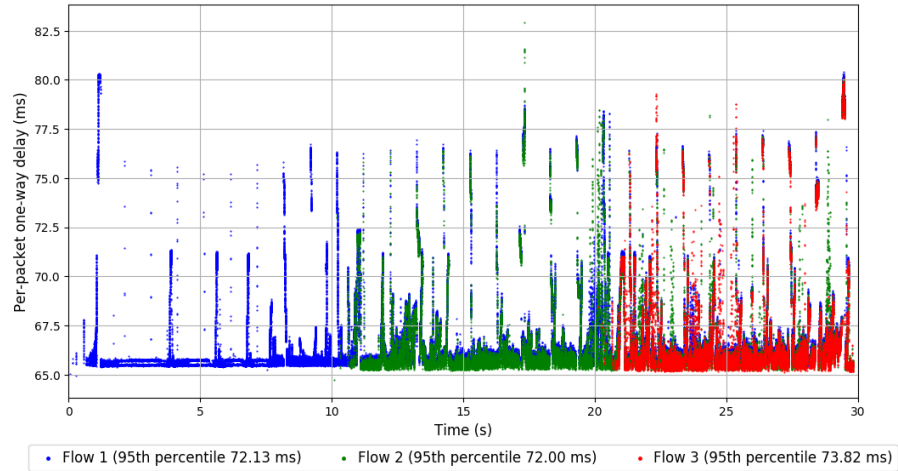
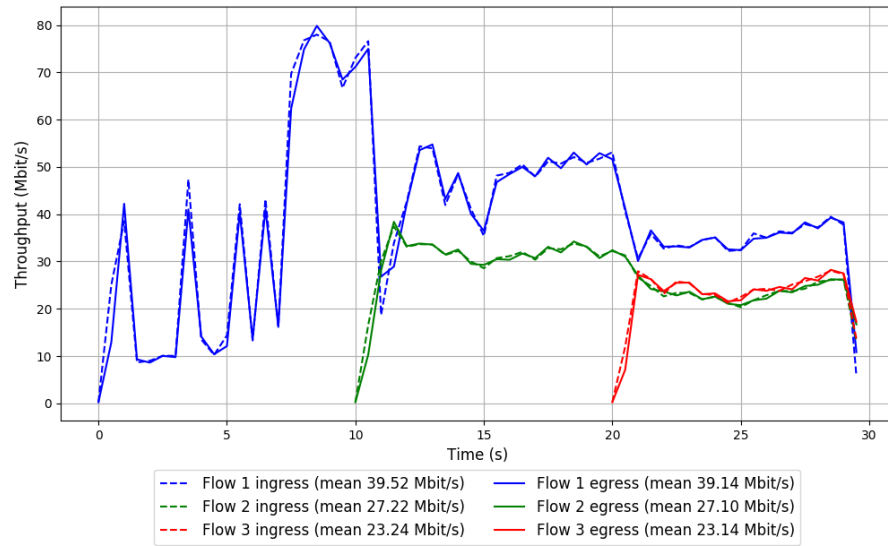


Run 7: Statistics of QUIC Cubic

Start at: 2018-03-27 20:49:12
End at: 2018-03-27 20:49:42
Local clock offset: -3.366 ms
Remote clock offset: -10.479 ms

Below is generated by plot.py at 2018-03-27 22:38:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 64.42 Mbit/s
95th percentile per-packet one-way delay: 72.135 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 39.14 Mbit/s
95th percentile per-packet one-way delay: 72.131 ms
Loss rate: 0.94%
-- Flow 2:
Average throughput: 27.10 Mbit/s
95th percentile per-packet one-way delay: 72.004 ms
Loss rate: 0.41%
-- Flow 3:
Average throughput: 23.14 Mbit/s
95th percentile per-packet one-way delay: 73.817 ms
Loss rate: 0.47%

Run 7: Report of QUIC Cubic — Data Link

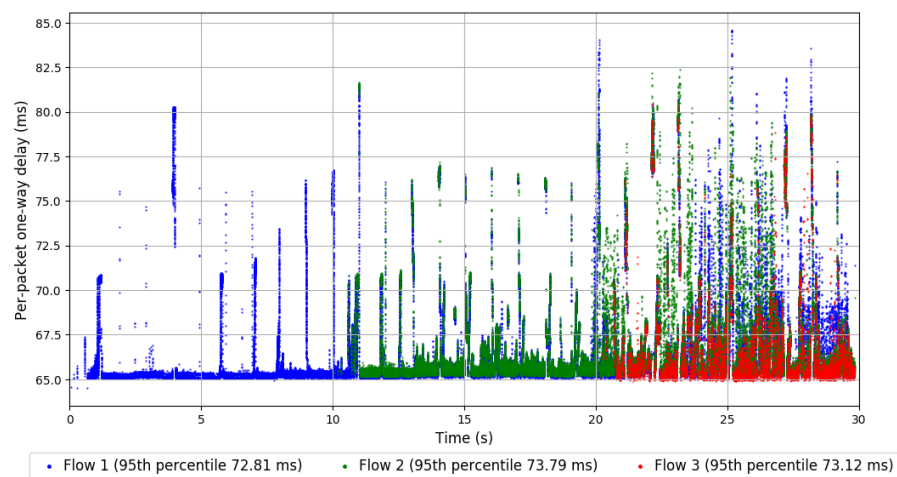
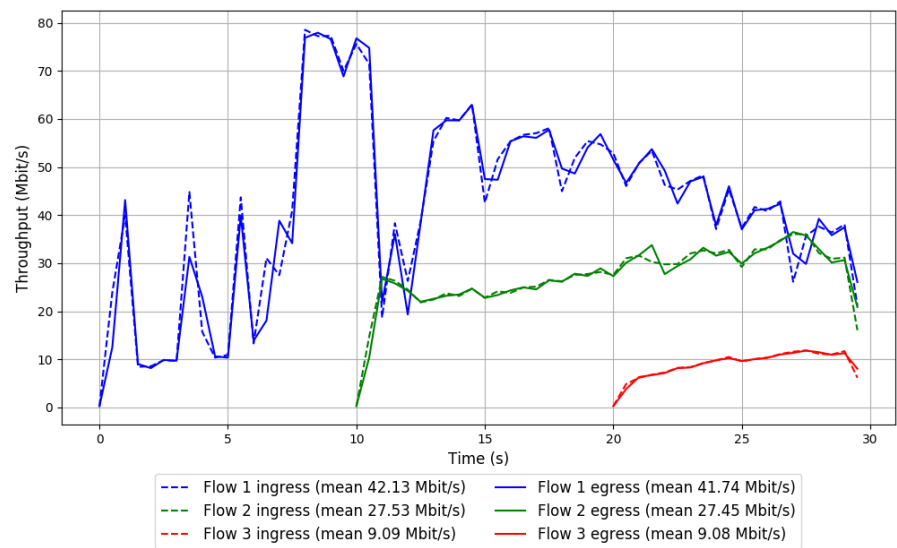


Run 8: Statistics of QUIC Cubic

Start at: 2018-03-27 21:12:13
End at: 2018-03-27 21:12:43
Local clock offset: -2.863 ms
Remote clock offset: -9.153 ms

Below is generated by plot.py at 2018-03-27 22:38:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.91 Mbit/s
95th percentile per-packet one-way delay: 73.208 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 41.74 Mbit/s
95th percentile per-packet one-way delay: 72.806 ms
Loss rate: 0.90%
-- Flow 2:
Average throughput: 27.45 Mbit/s
95th percentile per-packet one-way delay: 73.790 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 9.08 Mbit/s
95th percentile per-packet one-way delay: 73.125 ms
Loss rate: 0.12%

Run 8: Report of QUIC Cubic — Data Link

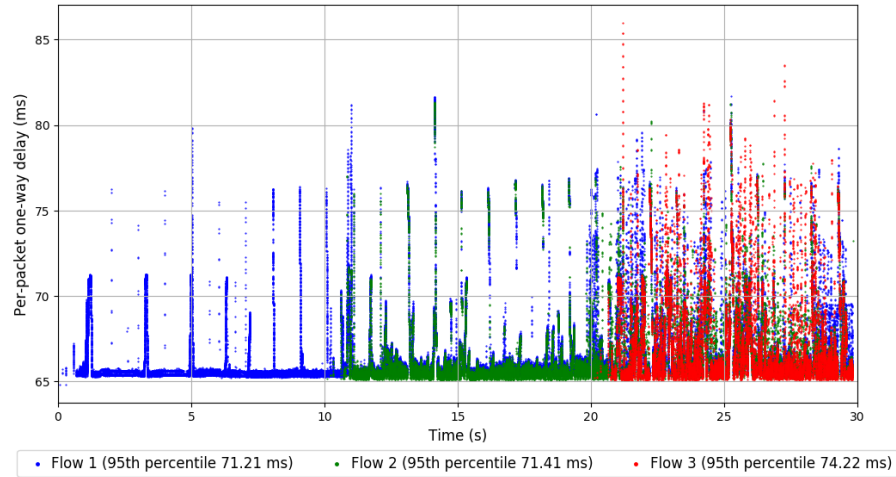
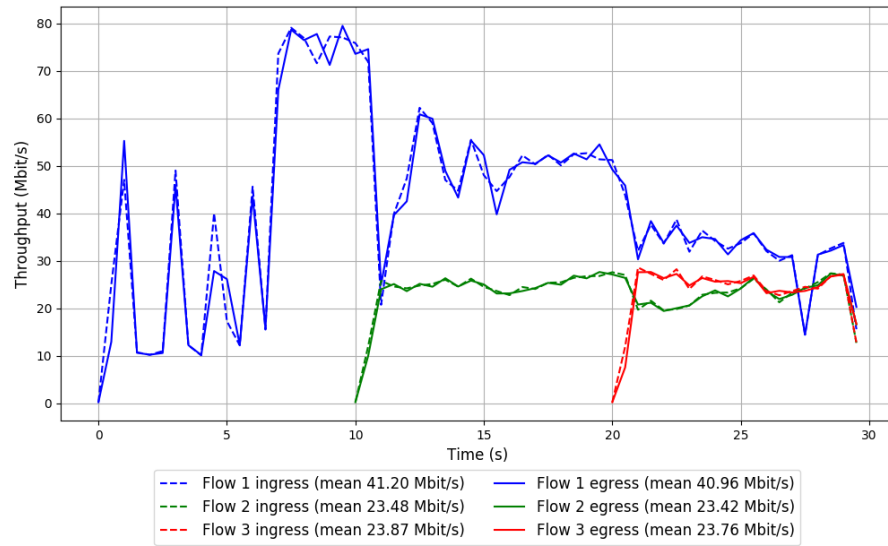


Run 9: Statistics of QUIC Cubic

Start at: 2018-03-27 21:35:07
End at: 2018-03-27 21:35:37
Local clock offset: 9.909 ms
Remote clock offset: -7.731 ms

Below is generated by plot.py at 2018-03-27 22:38:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 64.21 Mbit/s
95th percentile per-packet one-way delay: 71.990 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 40.96 Mbit/s
95th percentile per-packet one-way delay: 71.206 ms
Loss rate: 0.57%
-- Flow 2:
Average throughput: 23.42 Mbit/s
95th percentile per-packet one-way delay: 71.405 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 23.76 Mbit/s
95th percentile per-packet one-way delay: 74.215 ms
Loss rate: 0.47%

Run 9: Report of QUIC Cubic — Data Link

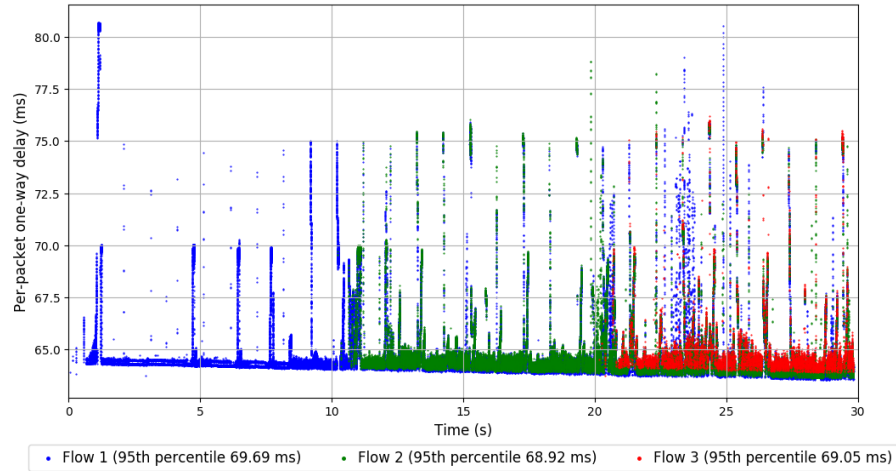
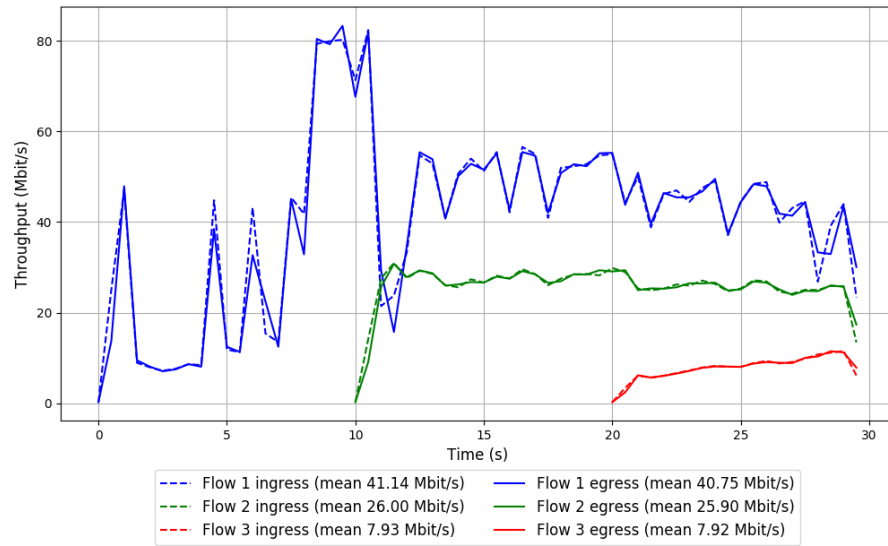


Run 10: Statistics of QUIC Cubic

Start at: 2018-03-27 21:58:36
End at: 2018-03-27 21:59:06
Local clock offset: 6.746 ms
Remote clock offset: -6.439 ms

Below is generated by plot.py at 2018-03-27 22:38:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 60.47 Mbit/s
95th percentile per-packet one-way delay: 69.555 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 40.75 Mbit/s
95th percentile per-packet one-way delay: 69.688 ms
Loss rate: 0.96%
-- Flow 2:
Average throughput: 25.90 Mbit/s
95th percentile per-packet one-way delay: 68.915 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 7.92 Mbit/s
95th percentile per-packet one-way delay: 69.050 ms
Loss rate: 0.15%

Run 10: Report of QUIC Cubic — Data Link



Run 1: Statistics of SReAM

Start at: 2018-03-27 18:30:54

End at: 2018-03-27 18:31:24

Local clock offset: 6.097 ms

Remote clock offset: -9.59 ms

Below is generated by plot.py at 2018-03-27 22:38:43

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 66.415 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 66.444 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 66.398 ms

Loss rate: 0.00%

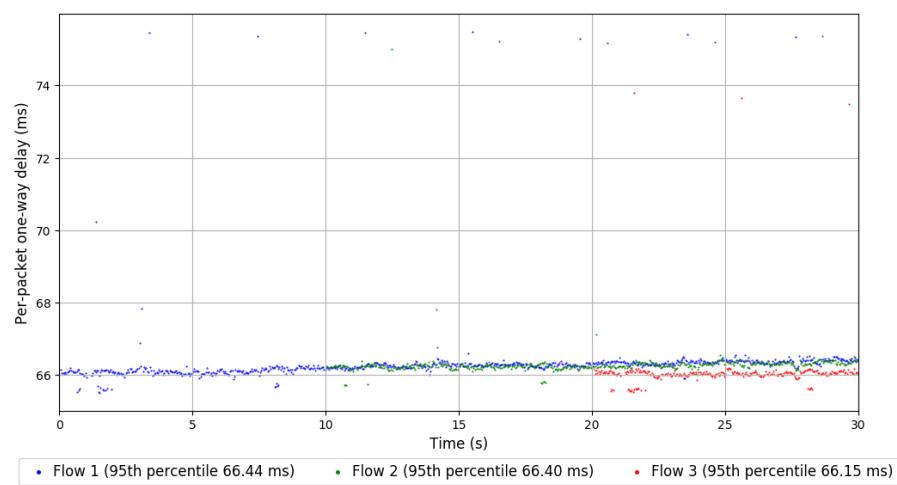
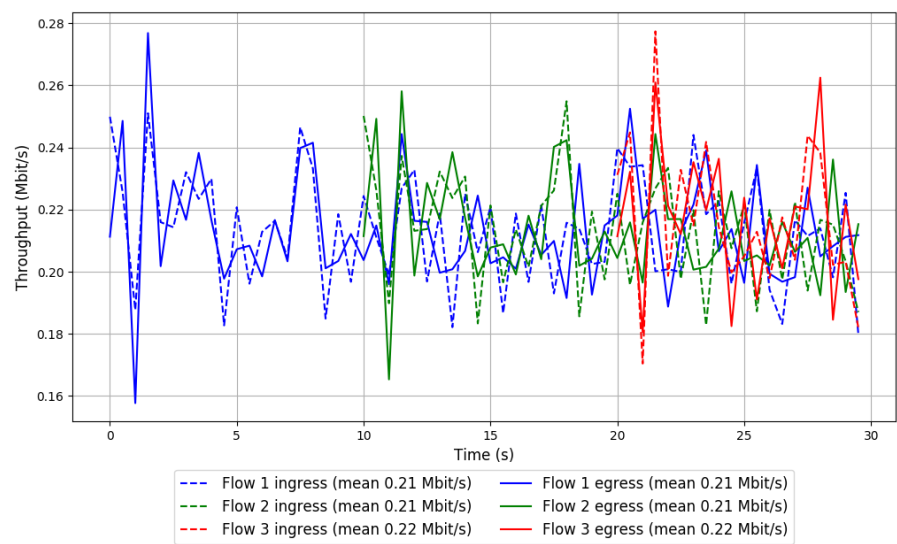
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 66.154 ms

Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

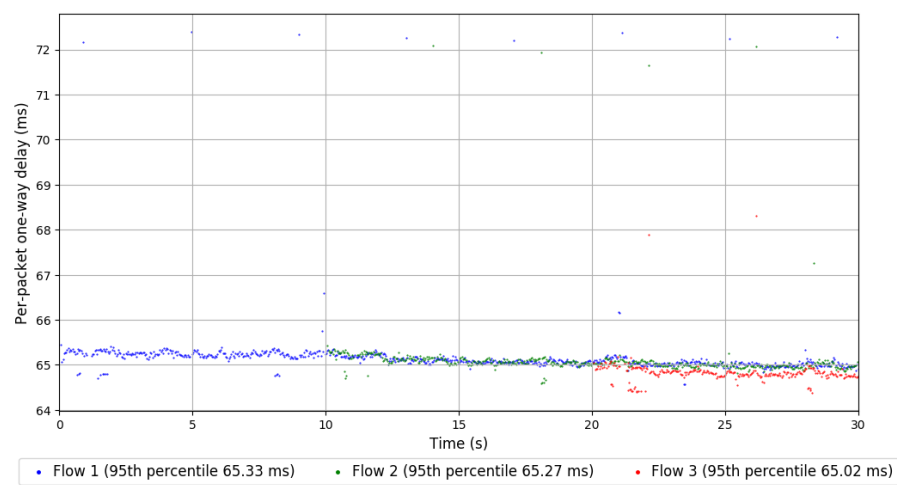
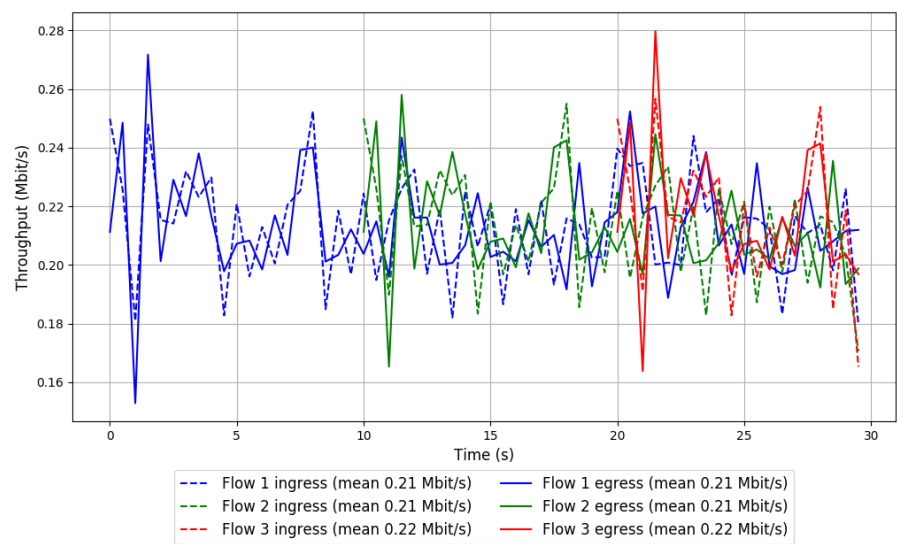


Run 2: Statistics of SReAM

Start at: 2018-03-27 18:53:59
End at: 2018-03-27 18:54:29
Local clock offset: 15.593 ms
Remote clock offset: 26.258 ms

Below is generated by plot.py at 2018-03-27 22:38:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 65.314 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 65.333 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 65.270 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 65.023 ms
Loss rate: 0.00%

Run 2: Report of SCRaM — Data Link



Run 3: Statistics of SReAM

Start at: 2018-03-27 19:17:03

End at: 2018-03-27 19:17:33

Local clock offset: 1.833 ms

Remote clock offset: 14.07 ms

Below is generated by plot.py at 2018-03-27 22:38:43

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 65.705 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 65.718 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 65.490 ms

Loss rate: 0.00%

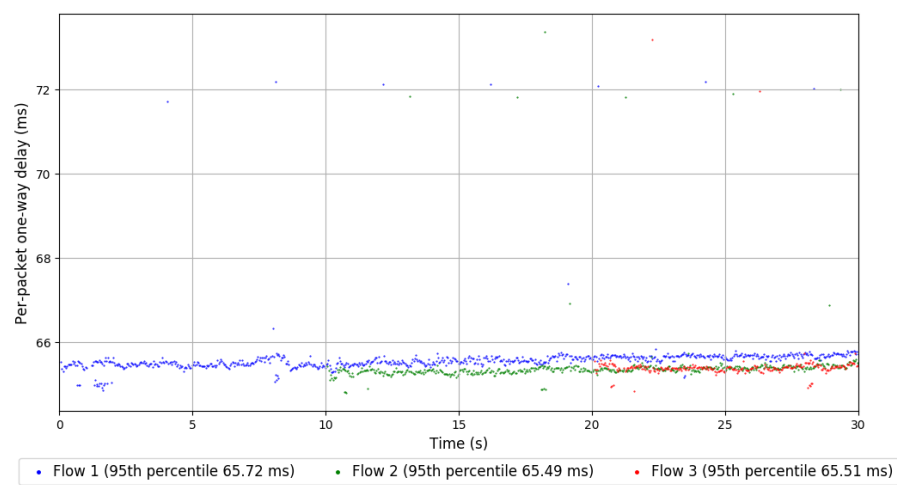
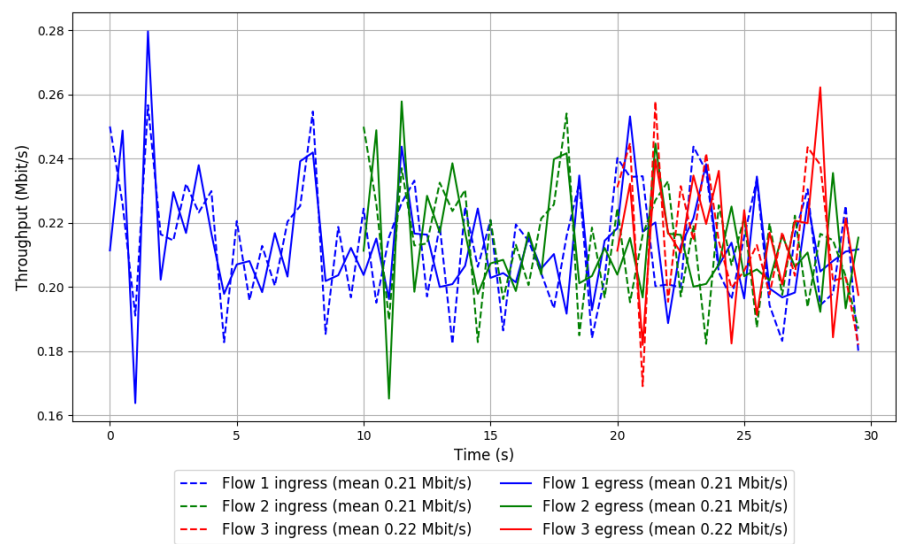
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 65.506 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SReAM

Start at: 2018-03-27 19:40:28

End at: 2018-03-27 19:40:58

Local clock offset: -2.421 ms

Remote clock offset: 6.526 ms

Below is generated by plot.py at 2018-03-27 22:38:43

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 65.444 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 65.453 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 65.261 ms

Loss rate: 0.00%

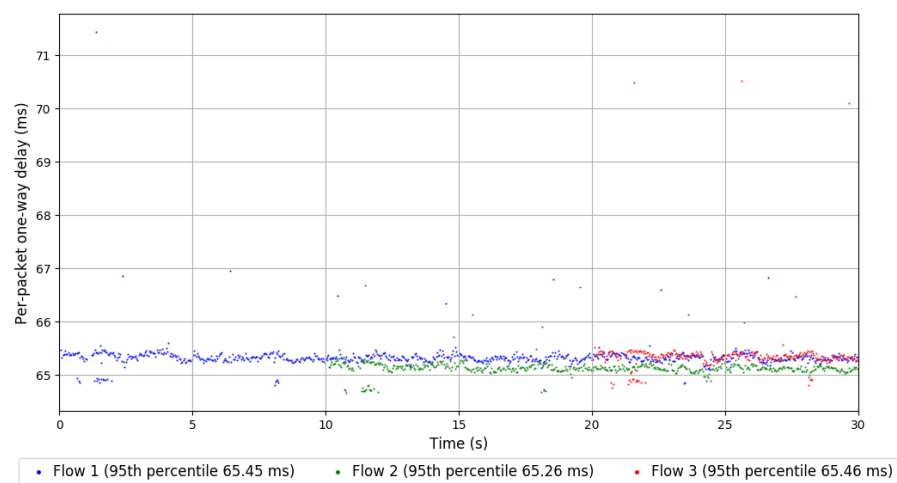
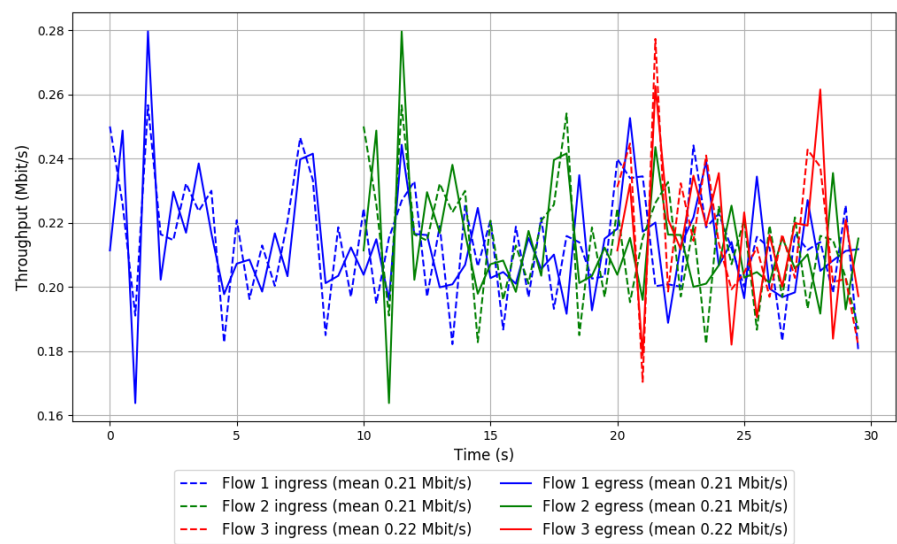
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 65.458 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

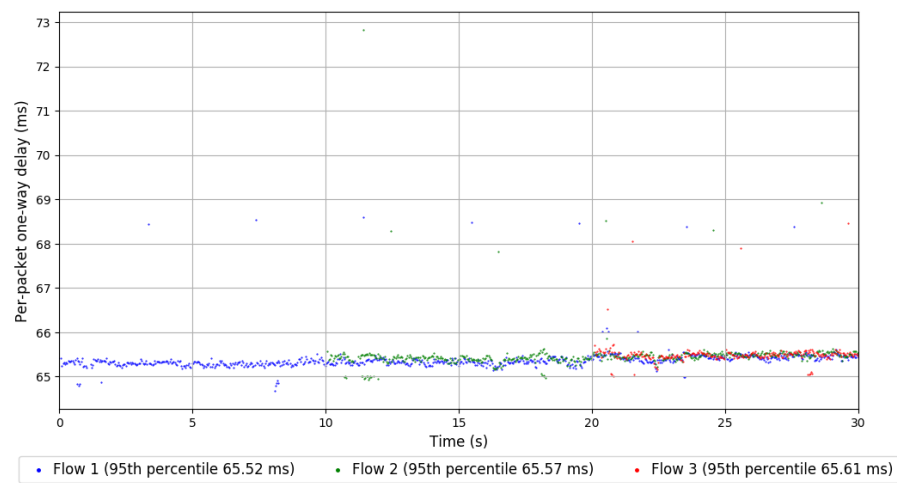
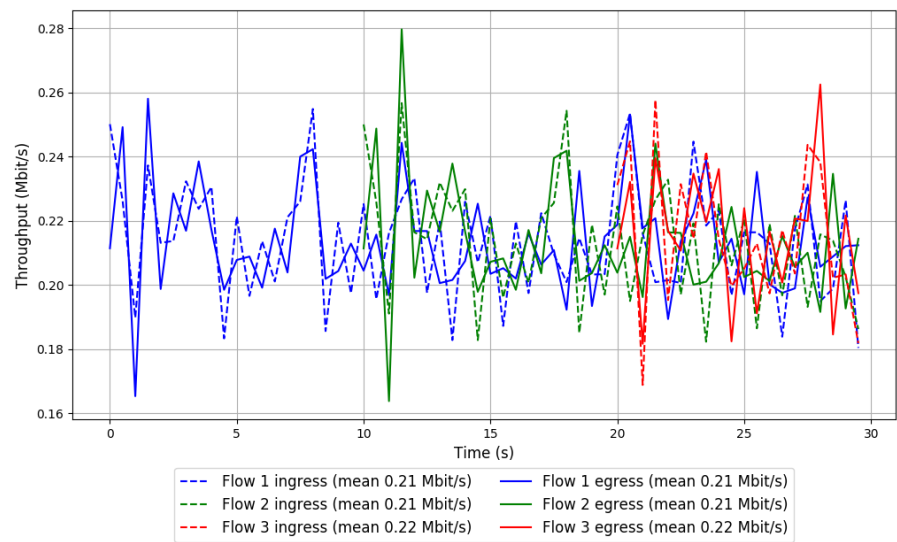


Run 5: Statistics of SReAM

Start at: 2018-03-27 20:03:40
End at: 2018-03-27 20:04:10
Local clock offset: -4.52 ms
Remote clock offset: -16.486 ms

Below is generated by plot.py at 2018-03-27 22:38:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 65.565 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 65.517 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 65.567 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 65.611 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

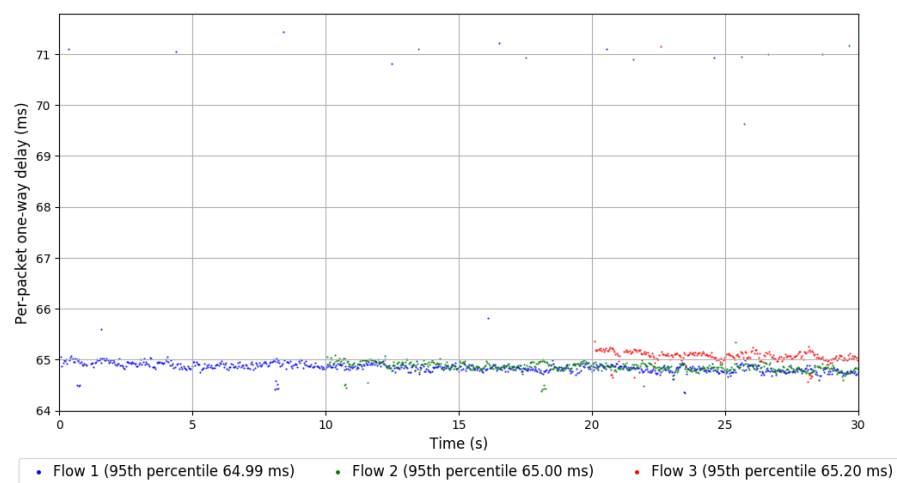
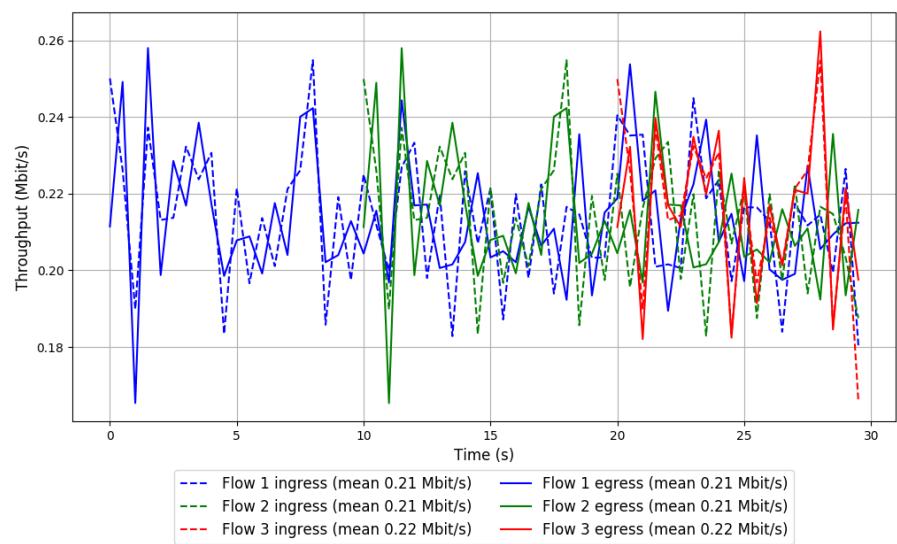


Run 6: Statistics of SReAM

Start at: 2018-03-27 20:27:17
End at: 2018-03-27 20:27:47
Local clock offset: -3.262 ms
Remote clock offset: -11.598 ms

Below is generated by plot.py at 2018-03-27 22:38:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 65.141 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 64.991 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 64.996 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 65.205 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

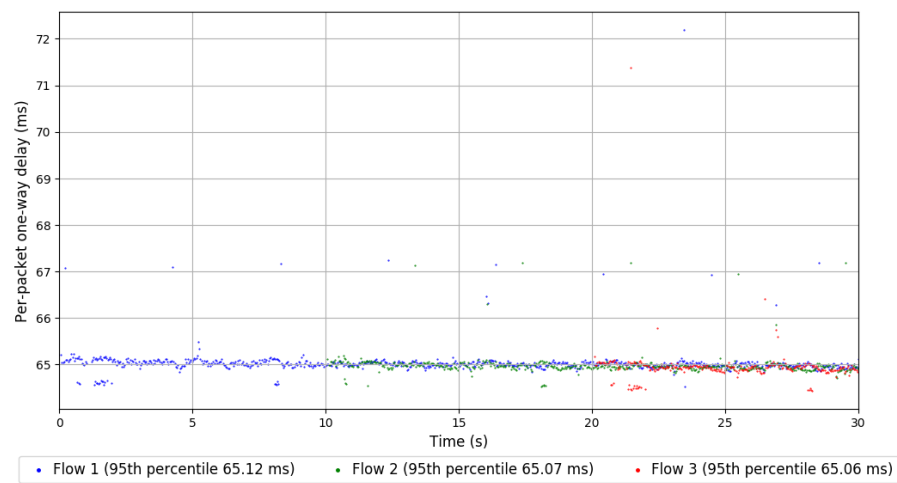
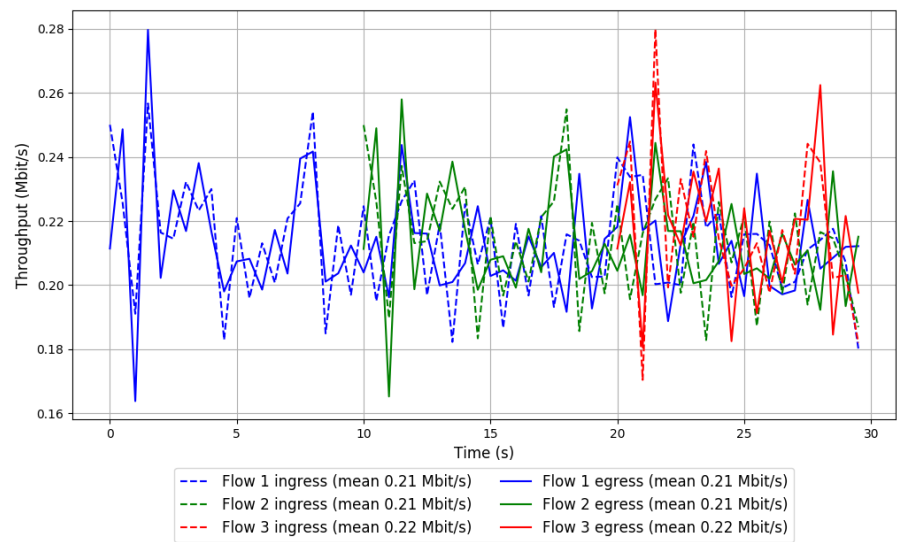


Run 7: Statistics of SReAM

Start at: 2018-03-27 20:50:30
End at: 2018-03-27 20:51:00
Local clock offset: -3.052 ms
Remote clock offset: -10.333 ms

Below is generated by plot.py at 2018-03-27 22:38:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 65.110 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 65.125 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 65.068 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 65.056 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

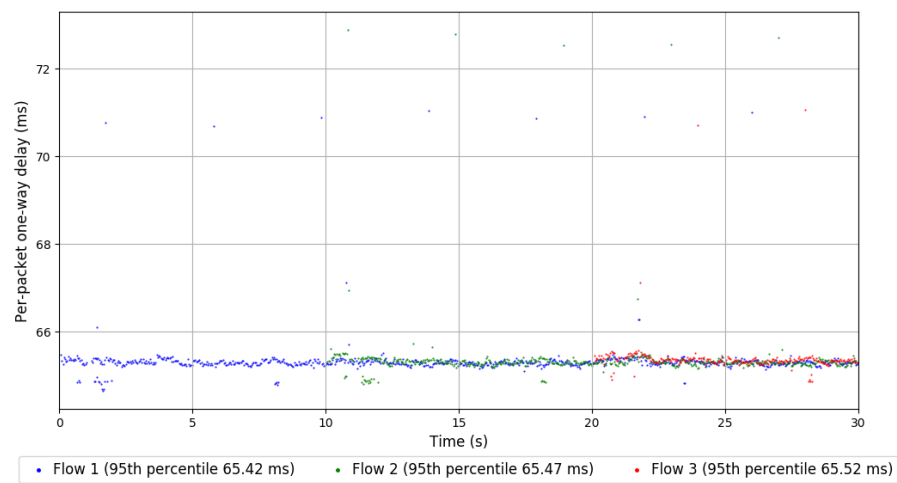
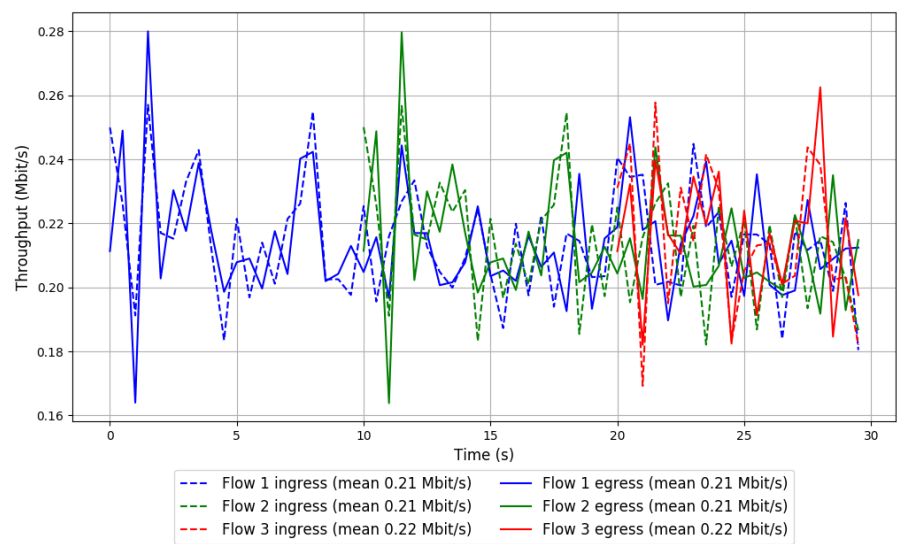


Run 8: Statistics of SReAM

Start at: 2018-03-27 21:13:28
End at: 2018-03-27 21:13:58
Local clock offset: -2.991 ms
Remote clock offset: -9.191 ms

Below is generated by plot.py at 2018-03-27 22:38:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 65.460 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 65.422 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 65.466 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 65.518 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

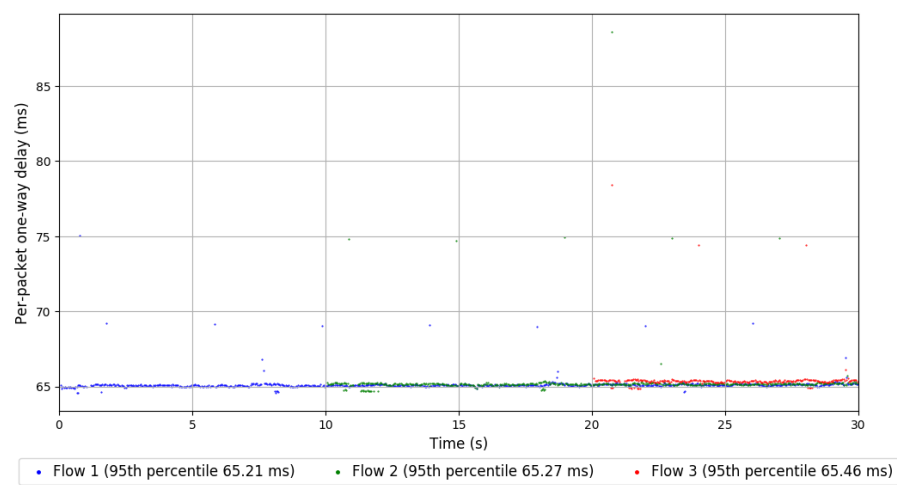
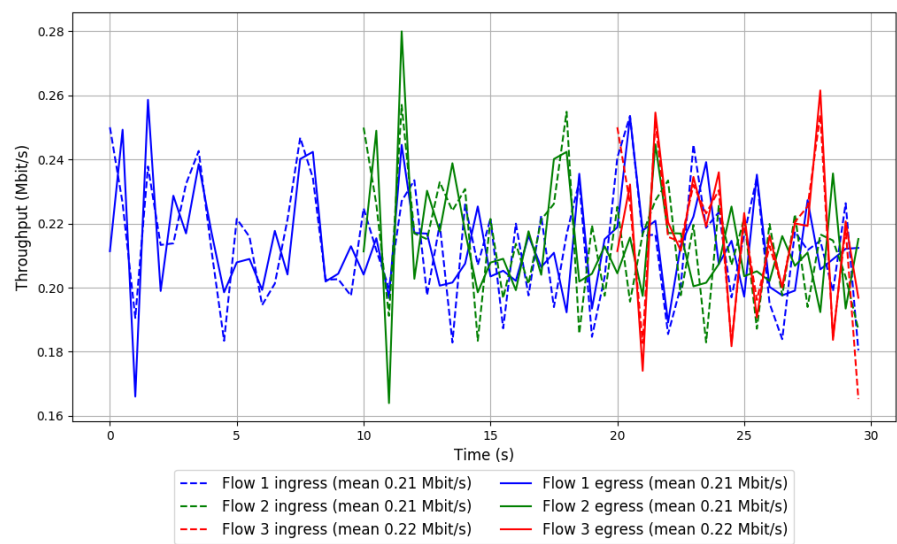


Run 9: Statistics of SReAM

Start at: 2018-03-27 21:36:22
End at: 2018-03-27 21:36:52
Local clock offset: 10.284 ms
Remote clock offset: -7.675 ms

Below is generated by plot.py at 2018-03-27 22:38:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 65.424 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 65.211 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 65.266 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 65.464 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

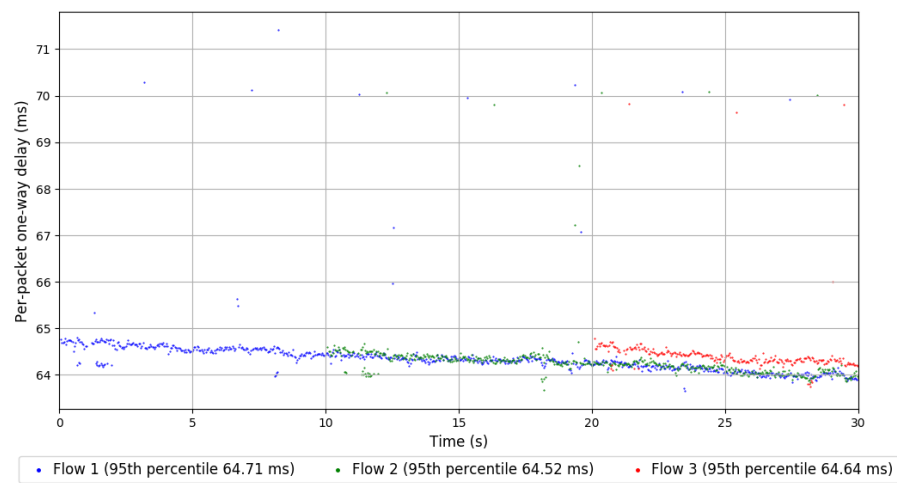
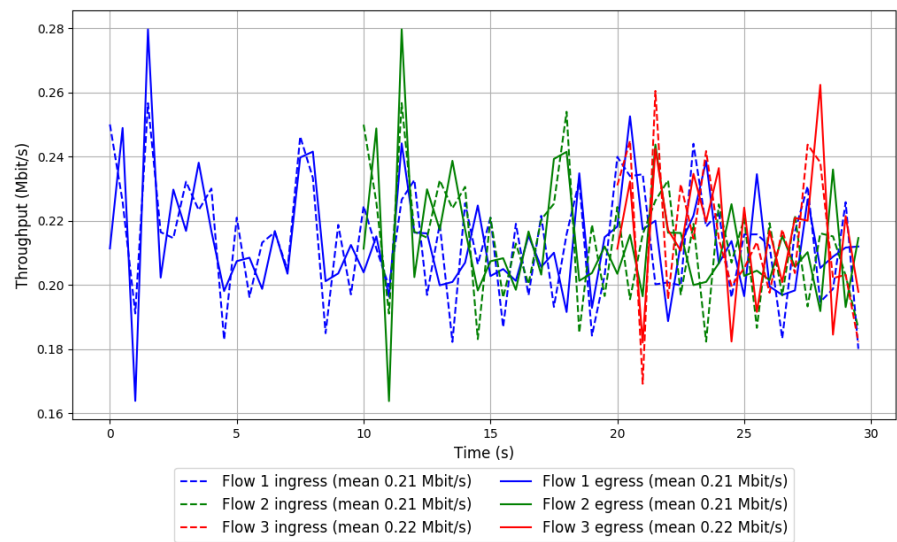


Run 10: Statistics of SReAM

Start at: 2018-03-27 21:59:51
End at: 2018-03-27 22:00:21
Local clock offset: 5.722 ms
Remote clock offset: -5.325 ms

Below is generated by plot.py at 2018-03-27 22:38:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 64.667 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 64.707 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 64.519 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 64.638 ms
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of WebRTC media

Start at: 2018-03-27 18:40:07

End at: 2018-03-27 18:40:37

Local clock offset: 11.765 ms

Remote clock offset: 9.122 ms

Below is generated by plot.py at 2018-03-27 22:38:43

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.16 Mbit/s

95th percentile per-packet one-way delay: 68.288 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 67.168 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 72.727 ms

Loss rate: 0.00%

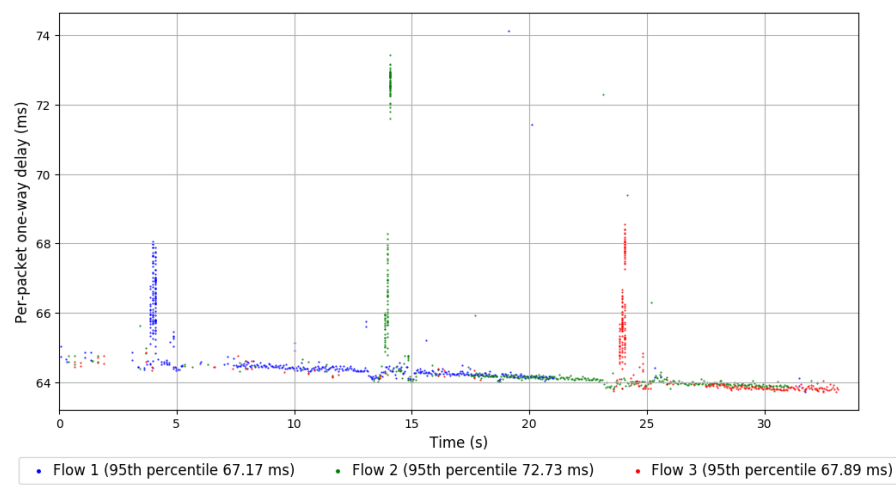
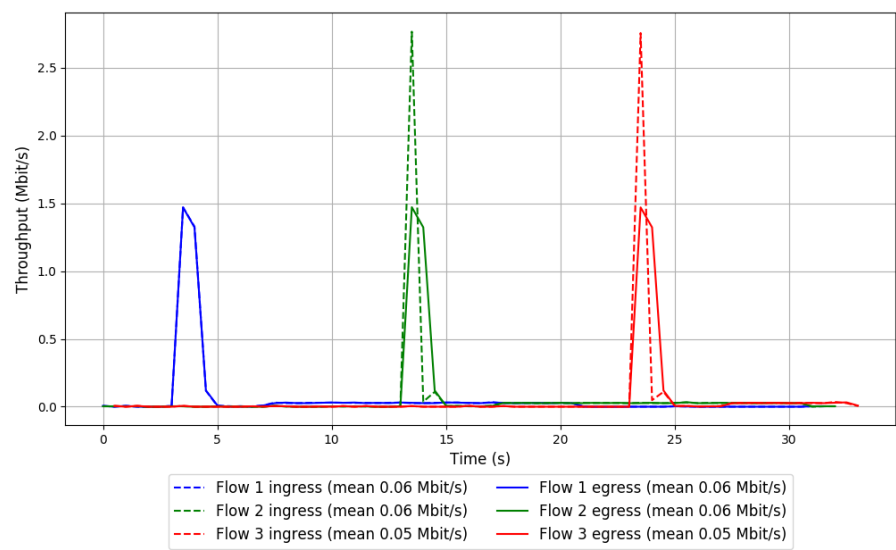
-- Flow 3:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 67.893 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

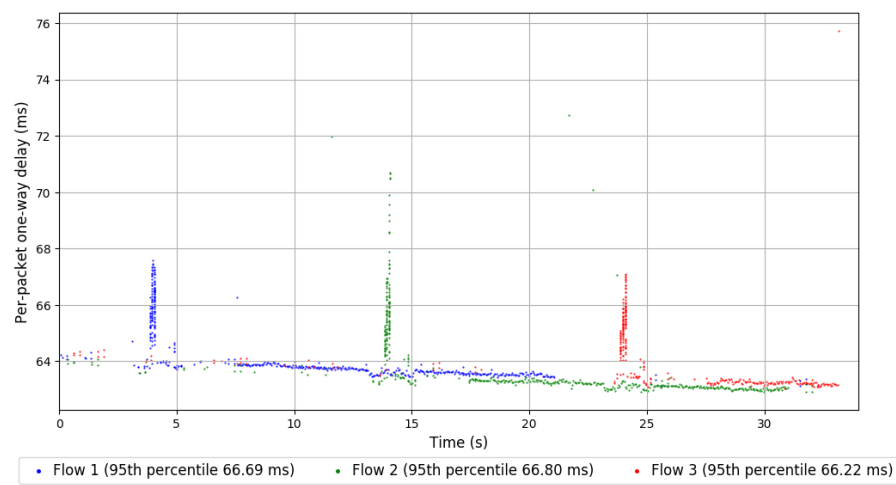
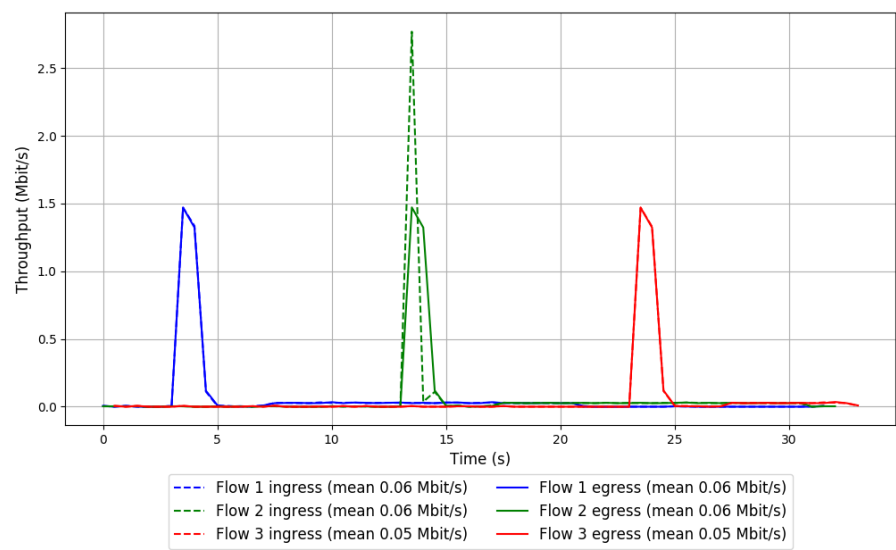


Run 2: Statistics of WebRTC media

Start at: 2018-03-27 19:03:11
End at: 2018-03-27 19:03:41
Local clock offset: 12.489 ms
Remote clock offset: 32.705 ms

Below is generated by plot.py at 2018-03-27 22:38:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 66.663 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 66.692 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 66.804 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 66.217 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2018-03-27 19:26:21

End at: 2018-03-27 19:26:51

Local clock offset: -0.827 ms

Remote clock offset: 8.189 ms

Below is generated by plot.py at 2018-03-27 22:38:43

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.16 Mbit/s

95th percentile per-packet one-way delay: 68.304 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 67.632 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 69.924 ms

Loss rate: 0.00%

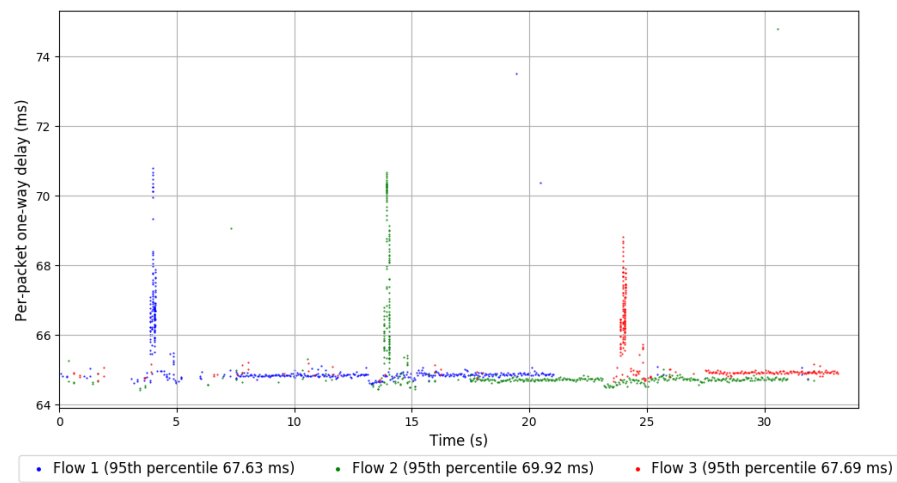
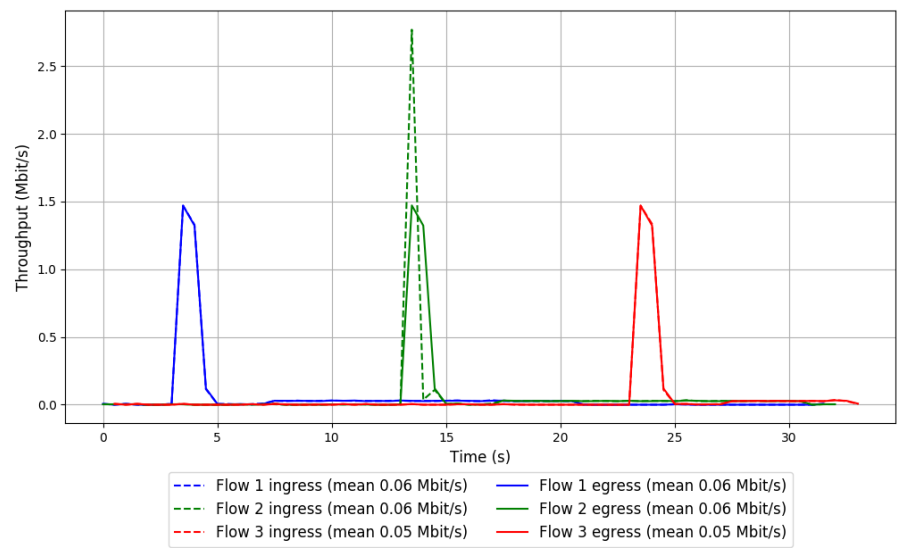
-- Flow 3:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 67.689 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

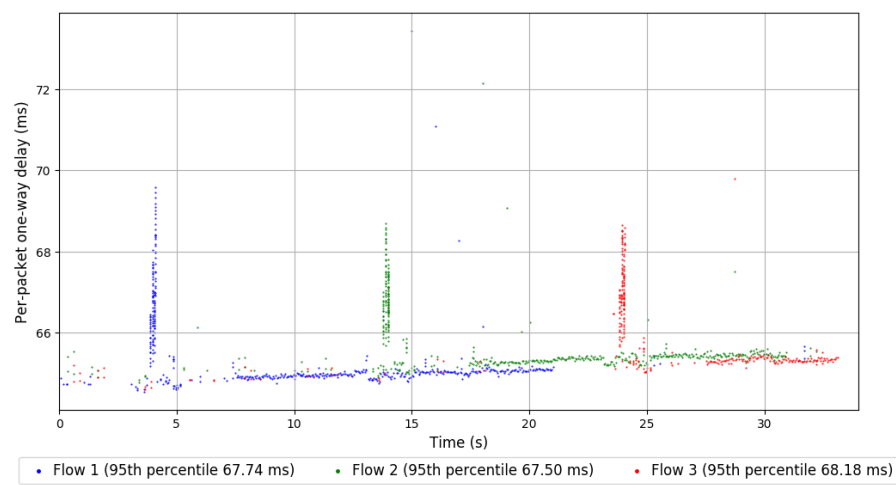
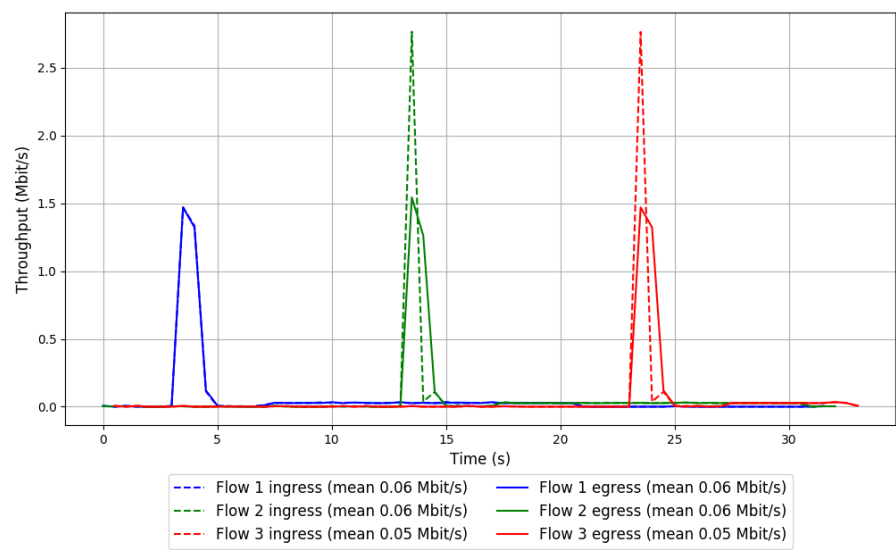


Run 4: Statistics of WebRTC media

Start at: 2018-03-27 19:49:46
End at: 2018-03-27 19:50:16
Local clock offset: -3.027 ms
Remote clock offset: -6.947 ms

Below is generated by plot.py at 2018-03-27 22:38:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 67.892 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 67.743 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 67.504 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 68.180 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

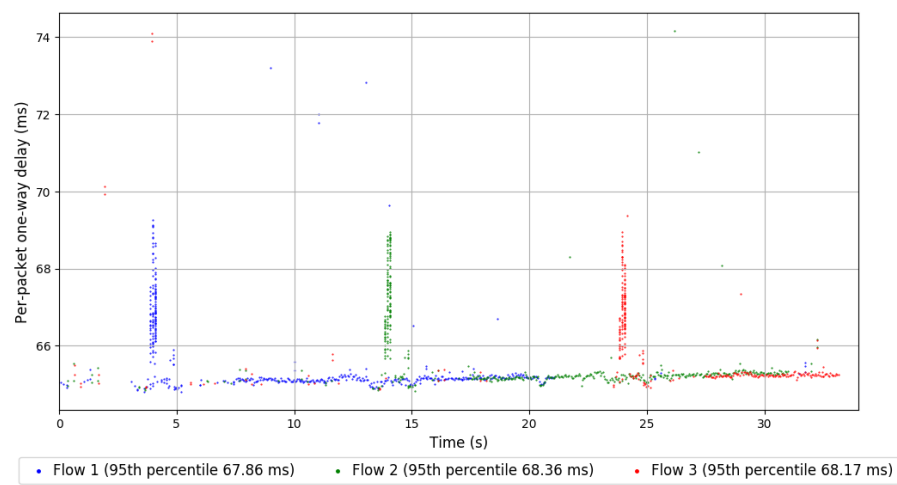
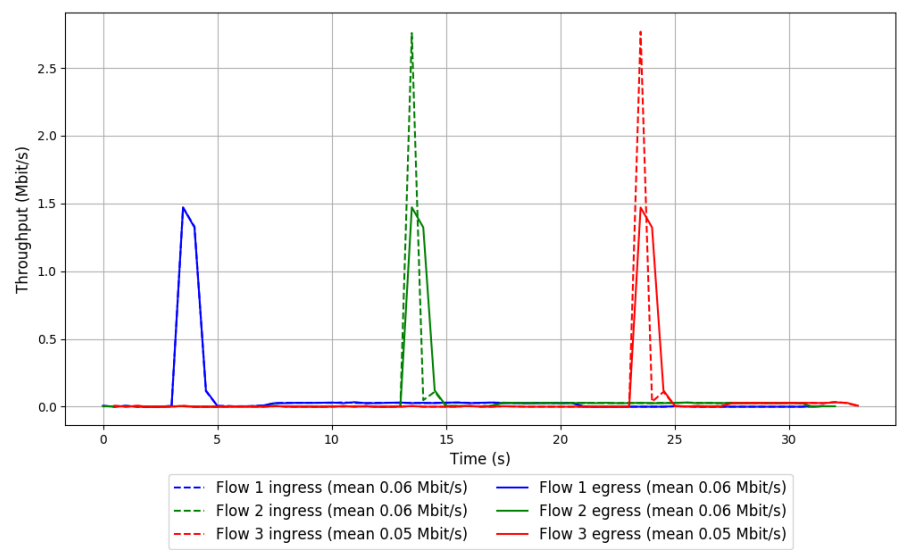


Run 5: Statistics of WebRTC media

Start at: 2018-03-27 20:13:06
End at: 2018-03-27 20:13:36
Local clock offset: -4.178 ms
Remote clock offset: -20.136 ms

Below is generated by plot.py at 2018-03-27 22:38:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 68.238 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 67.858 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 68.359 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 68.167 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

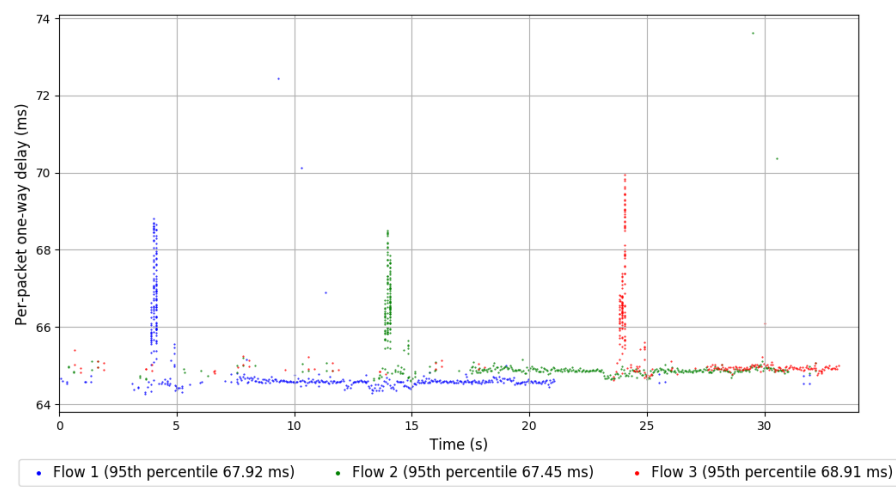
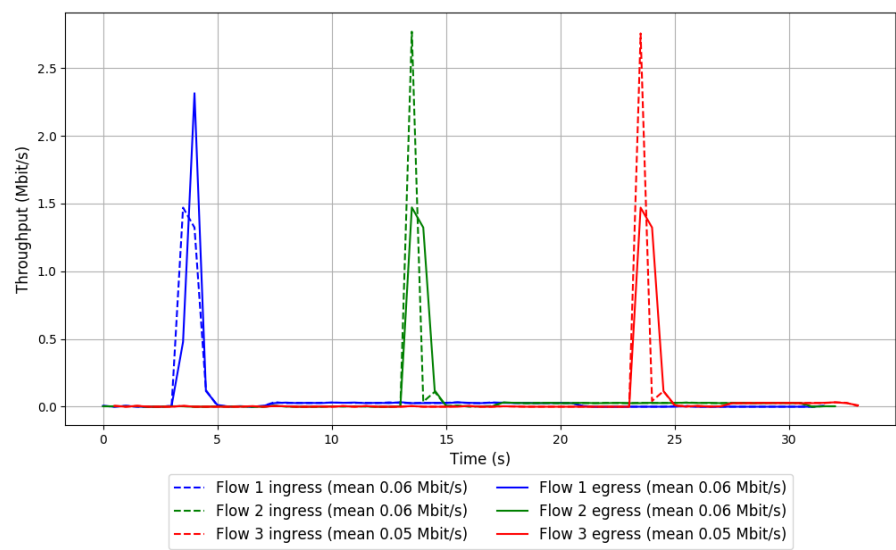


Run 6: Statistics of WebRTC media

Start at: 2018-03-27 20:36:21
End at: 2018-03-27 20:36:51
Local clock offset: -3.777 ms
Remote clock offset: -10.163 ms

Below is generated by plot.py at 2018-03-27 22:38:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 67.960 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 67.920 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 67.454 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 68.914 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

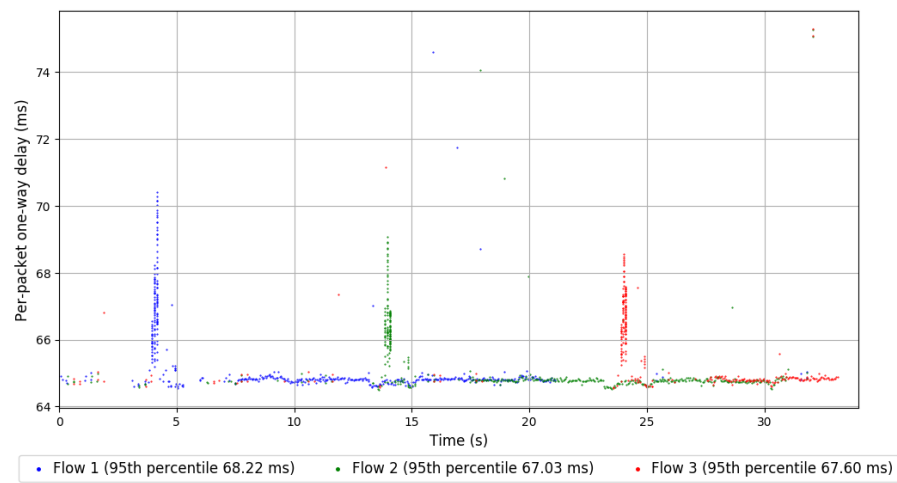
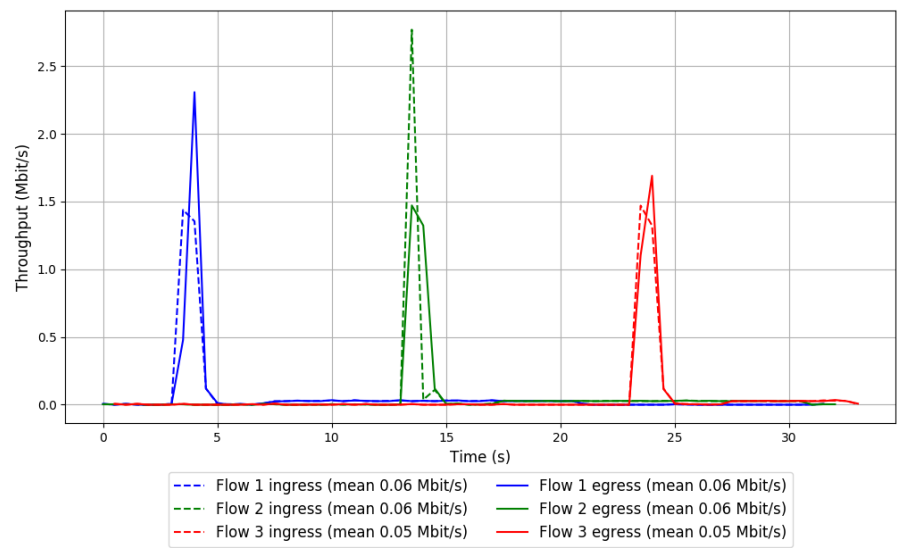


Run 7: Statistics of WebRTC media

Start at: 2018-03-27 20:59:35
End at: 2018-03-27 21:00:05
Local clock offset: -2.722 ms
Remote clock offset: -9.201 ms

Below is generated by plot.py at 2018-03-27 22:38:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 67.822 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 68.216 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 67.028 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 67.597 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

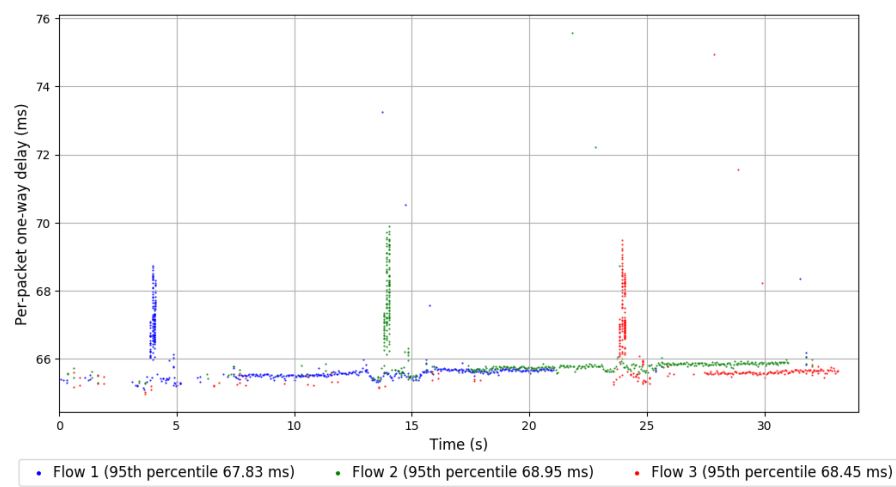
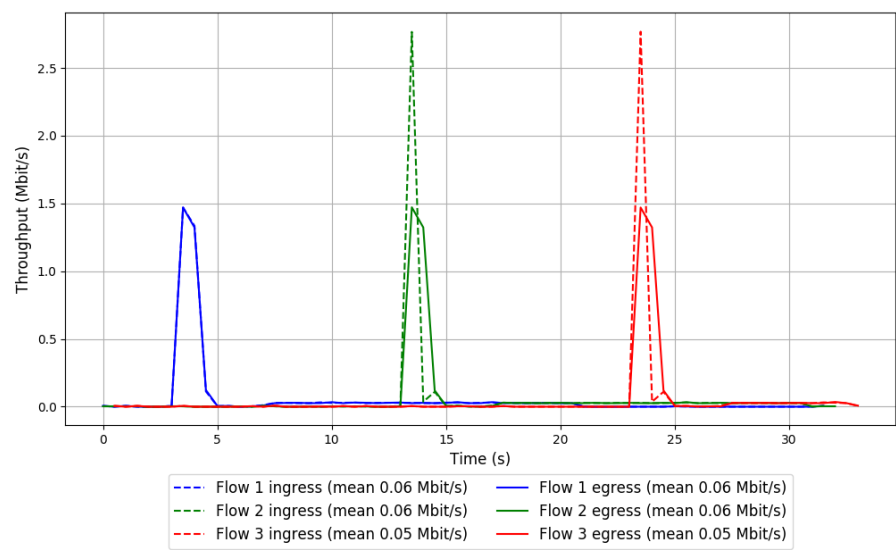


Run 8: Statistics of WebRTC media

Start at: 2018-03-27 21:22:30
End at: 2018-03-27 21:23:00
Local clock offset: 3.139 ms
Remote clock offset: -9.512 ms

Below is generated by plot.py at 2018-03-27 22:38:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 68.429 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 67.825 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 68.946 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 68.454 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

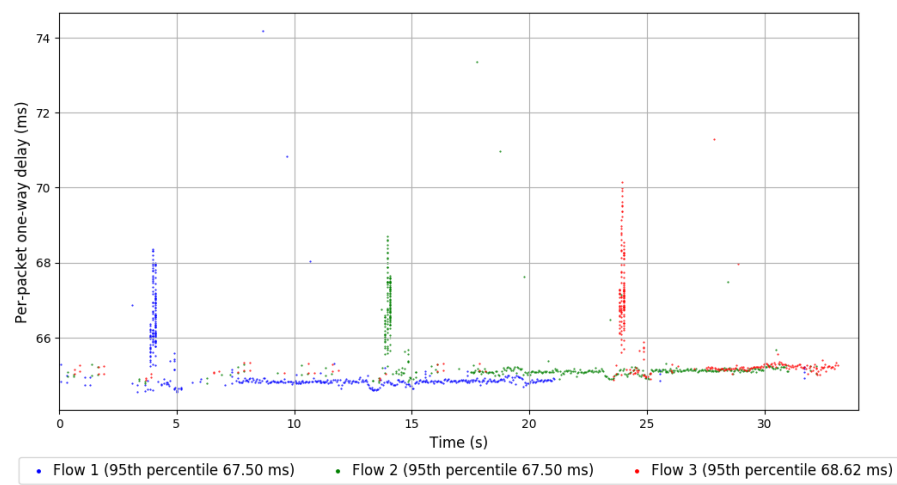
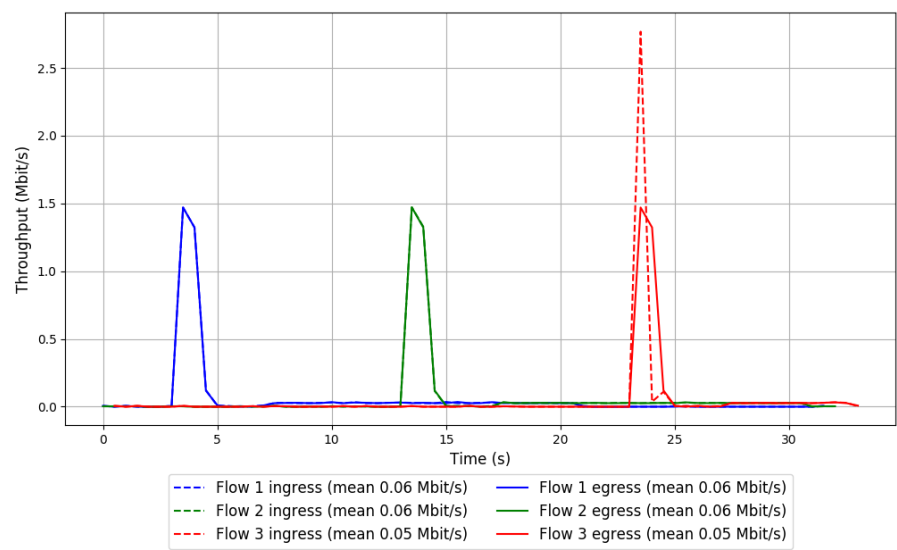


Run 9: Statistics of WebRTC media

Start at: 2018-03-27 21:45:31
End at: 2018-03-27 21:46:01
Local clock offset: 12.191 ms
Remote clock offset: -7.357 ms

Below is generated by plot.py at 2018-03-27 22:38:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 67.872 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 67.497 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 67.495 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 68.618 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-03-27 22:08:50

End at: 2018-03-27 22:09:20

Local clock offset: 2.683 ms

Remote clock offset: 1.032 ms

Below is generated by plot.py at 2018-03-27 22:38:43

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.16 Mbit/s

95th percentile per-packet one-way delay: 67.789 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 67.789 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 67.598 ms

Loss rate: 0.00%

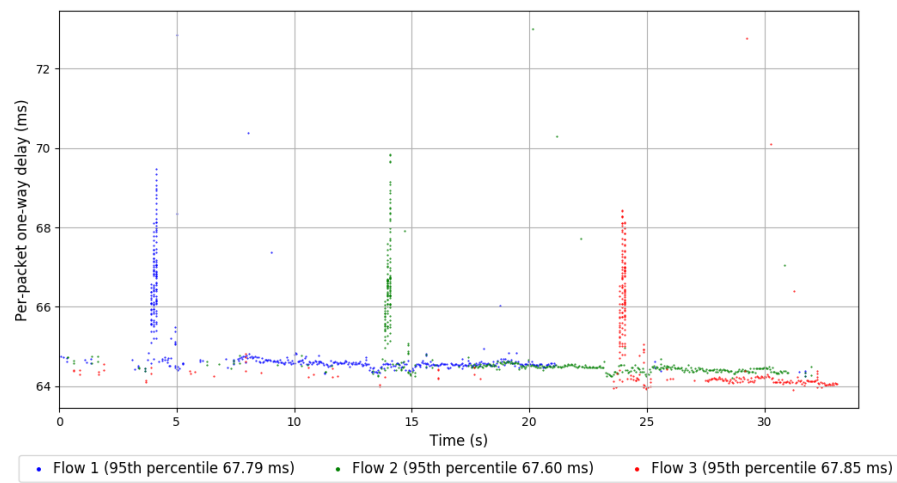
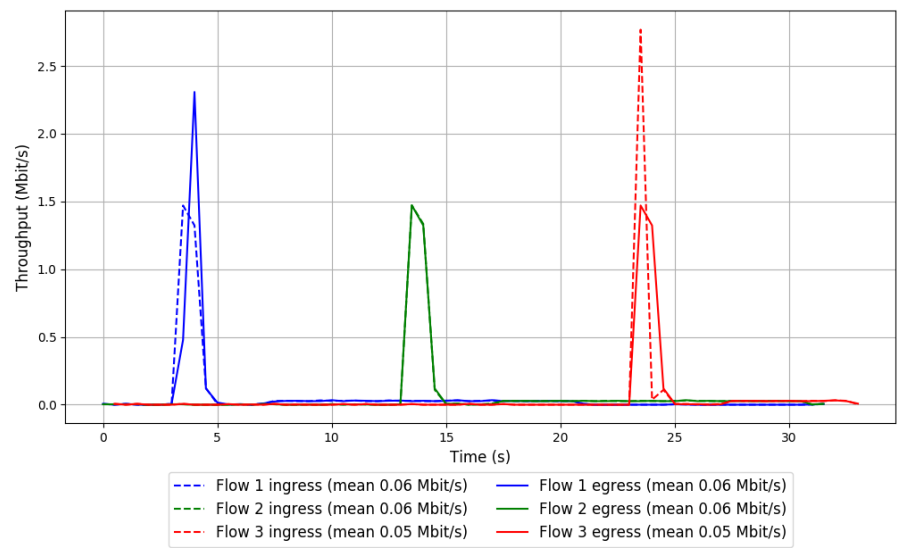
-- Flow 3:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 67.848 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

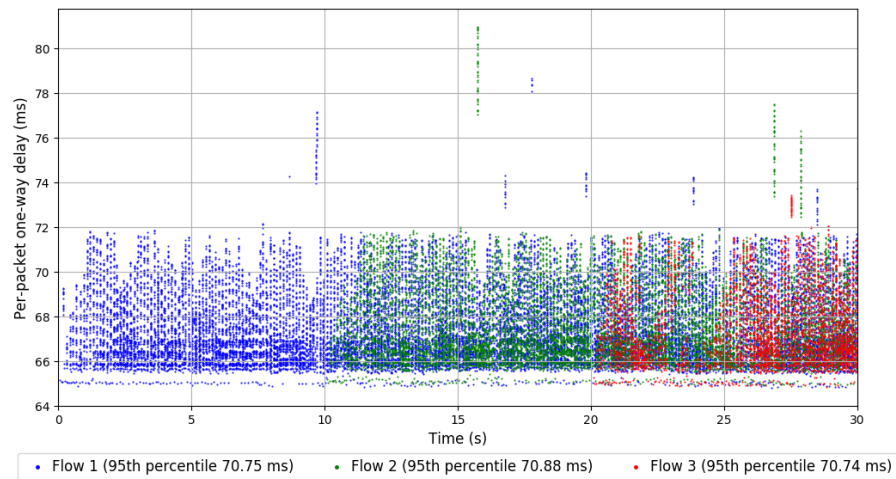
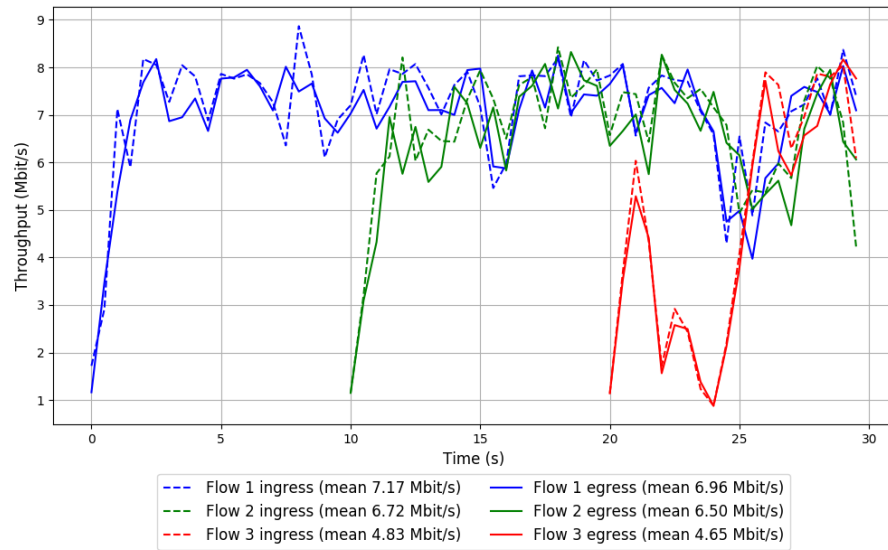


Run 1: Statistics of Sprout

Start at: 2018-03-27 18:18:49
End at: 2018-03-27 18:19:19
Local clock offset: 1.855 ms
Remote clock offset: -9.216 ms

Below is generated by plot.py at 2018-03-27 22:38:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 12.81 Mbit/s
95th percentile per-packet one-way delay: 70.799 ms
Loss rate: 3.08%
-- Flow 1:
Average throughput: 6.96 Mbit/s
95th percentile per-packet one-way delay: 70.748 ms
Loss rate: 2.84%
-- Flow 2:
Average throughput: 6.50 Mbit/s
95th percentile per-packet one-way delay: 70.877 ms
Loss rate: 3.25%
-- Flow 3:
Average throughput: 4.65 Mbit/s
95th percentile per-packet one-way delay: 70.737 ms
Loss rate: 3.73%

Run 1: Report of Sprout — Data Link

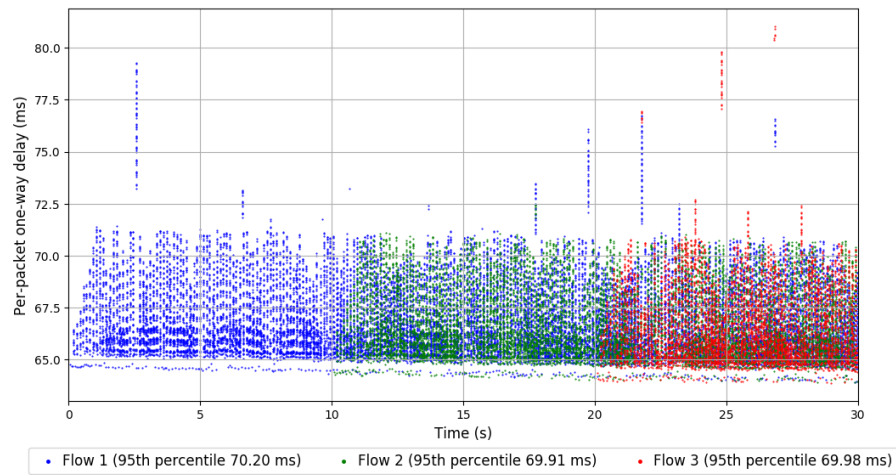
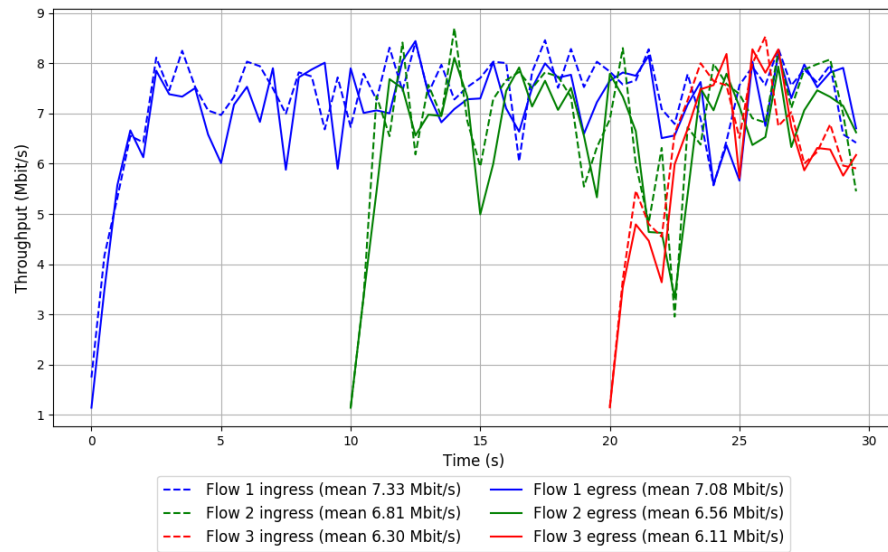


Run 2: Statistics of Sprout

Start at: 2018-03-27 18:42:37
End at: 2018-03-27 18:43:07
Local clock offset: 12.637 ms
Remote clock offset: 13.734 ms

```
# Below is generated by plot.py at 2018-03-27 22:38:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.46 Mbit/s
95th percentile per-packet one-way delay: 70.062 ms
Loss rate: 3.43%
-- Flow 1:
Average throughput: 7.08 Mbit/s
95th percentile per-packet one-way delay: 70.199 ms
Loss rate: 3.37%
-- Flow 2:
Average throughput: 6.56 Mbit/s
95th percentile per-packet one-way delay: 69.912 ms
Loss rate: 3.73%
-- Flow 3:
Average throughput: 6.11 Mbit/s
95th percentile per-packet one-way delay: 69.984 ms
Loss rate: 3.00%
```

Run 2: Report of Sprout — Data Link

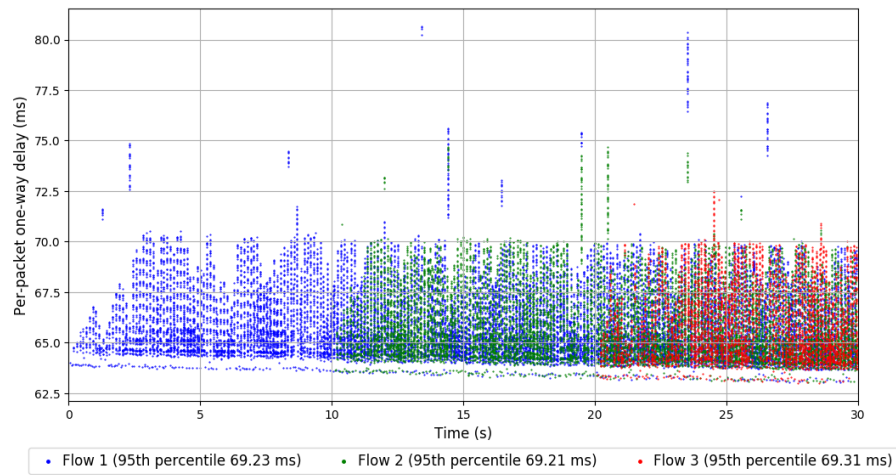
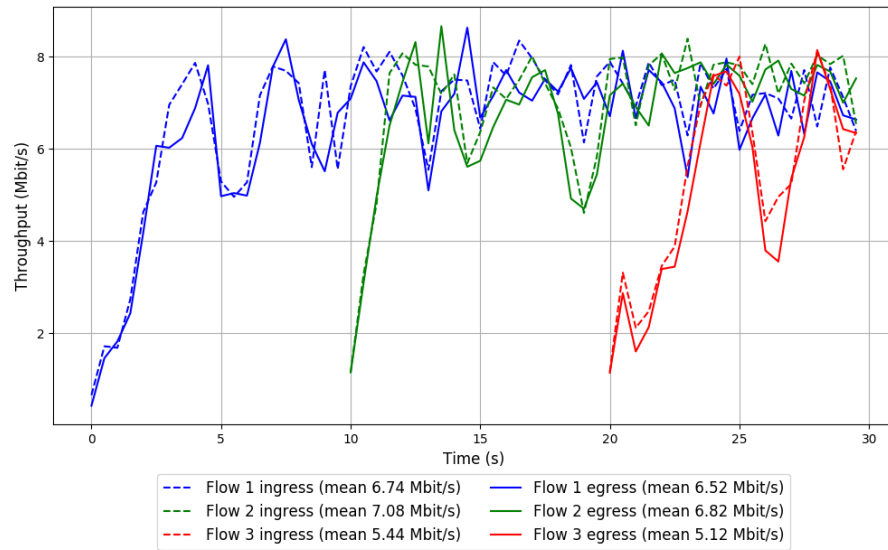


Run 3: Statistics of Sprout

Start at: 2018-03-27 19:05:41
End at: 2018-03-27 19:06:11
Local clock offset: 9.451 ms
Remote clock offset: 34.206 ms

```
# Below is generated by plot.py at 2018-03-27 22:38:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 12.74 Mbit/s
95th percentile per-packet one-way delay: 69.238 ms
Loss rate: 3.74%
-- Flow 1:
Average throughput: 6.52 Mbit/s
95th percentile per-packet one-way delay: 69.232 ms
Loss rate: 3.21%
-- Flow 2:
Average throughput: 6.82 Mbit/s
95th percentile per-packet one-way delay: 69.213 ms
Loss rate: 3.63%
-- Flow 3:
Average throughput: 5.12 Mbit/s
95th percentile per-packet one-way delay: 69.308 ms
Loss rate: 5.98%
```


Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: 2018-03-27 19:28:56

End at: 2018-03-27 19:29:26

Local clock offset: -1.525 ms

Remote clock offset: 7.491 ms

Below is generated by plot.py at 2018-03-27 22:38:43

Datalink statistics

-- Total of 3 flows:

Average throughput: 13.18 Mbit/s

95th percentile per-packet one-way delay: 70.675 ms

Loss rate: 3.19%

-- Flow 1:

Average throughput: 6.64 Mbit/s

95th percentile per-packet one-way delay: 70.616 ms

Loss rate: 2.79%

-- Flow 2:

Average throughput: 6.79 Mbit/s

95th percentile per-packet one-way delay: 70.720 ms

Loss rate: 3.42%

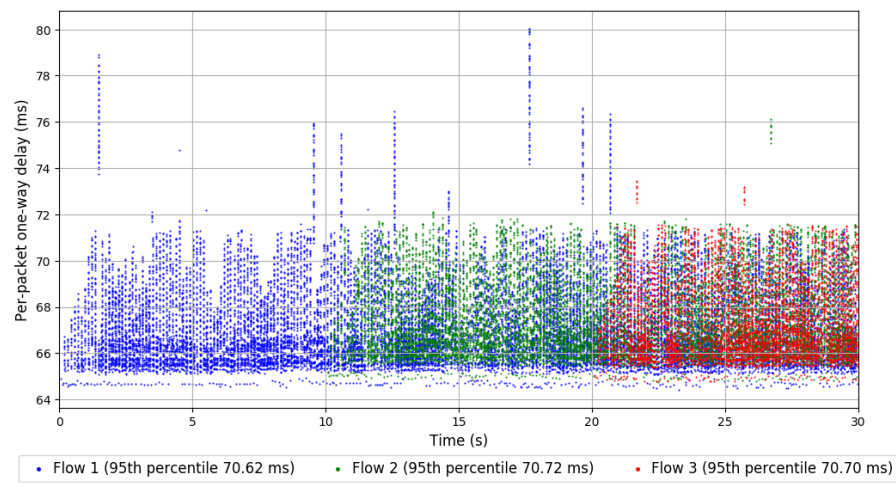
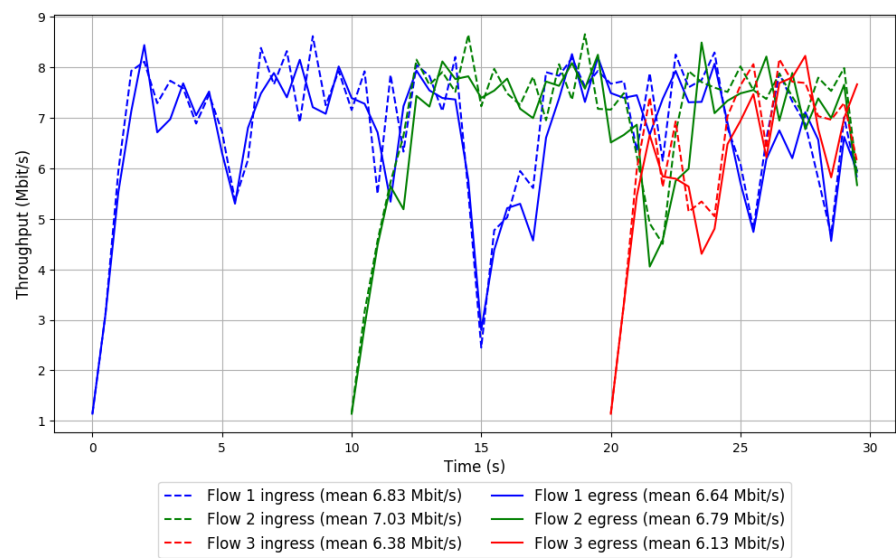
-- Flow 3:

Average throughput: 6.13 Mbit/s

95th percentile per-packet one-way delay: 70.697 ms

Loss rate: 3.98%

Run 4: Report of Sprout — Data Link

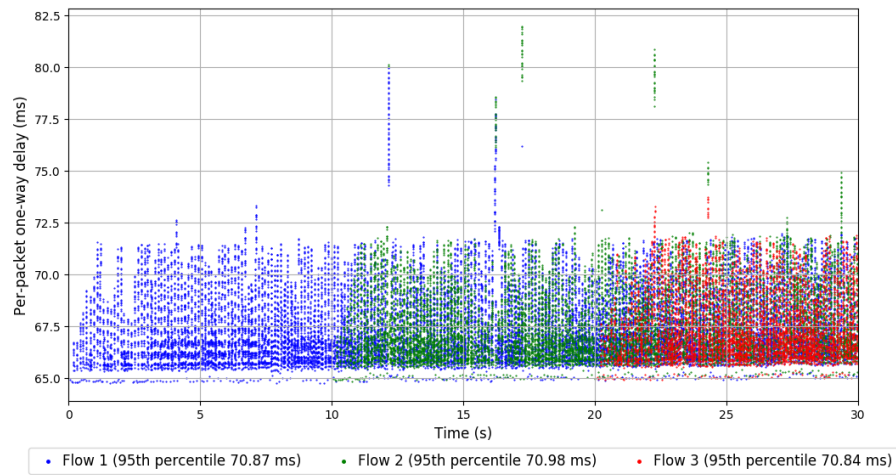
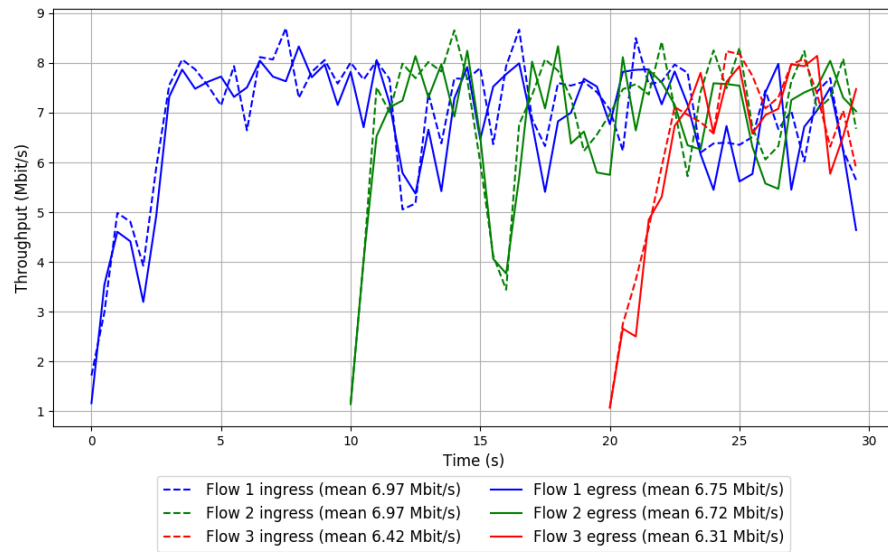


Run 5: Statistics of Sprout

Start at: 2018-03-27 19:52:16
End at: 2018-03-27 19:52:46
Local clock offset: -3.219 ms
Remote clock offset: -9.423 ms

Below is generated by plot.py at 2018-03-27 22:38:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 13.30 Mbit/s
95th percentile per-packet one-way delay: 70.900 ms
Loss rate: 3.06%
-- Flow 1:
Average throughput: 6.75 Mbit/s
95th percentile per-packet one-way delay: 70.867 ms
Loss rate: 3.08%
-- Flow 2:
Average throughput: 6.72 Mbit/s
95th percentile per-packet one-way delay: 70.983 ms
Loss rate: 3.63%
-- Flow 3:
Average throughput: 6.31 Mbit/s
95th percentile per-packet one-way delay: 70.845 ms
Loss rate: 1.71%

Run 5: Report of Sprout — Data Link

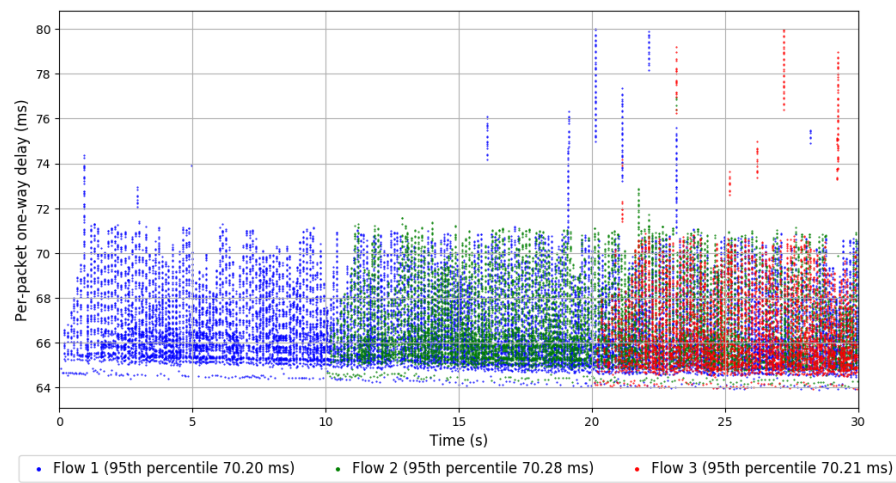
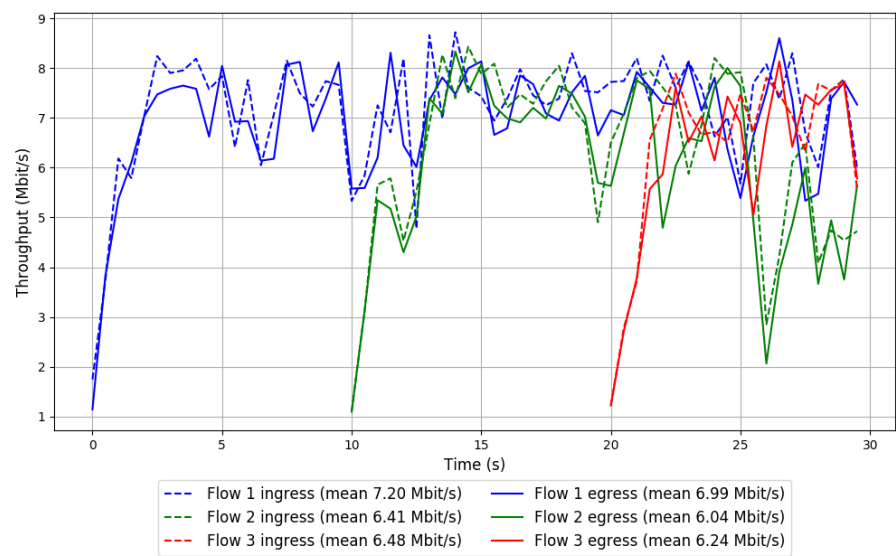


Run 6: Statistics of Sprout

Start at: 2018-03-27 20:15:37
End at: 2018-03-27 20:16:07
Local clock offset: -3.763 ms
Remote clock offset: -20.706 ms

Below is generated by plot.py at 2018-03-27 22:38:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 13.06 Mbit/s
95th percentile per-packet one-way delay: 70.233 ms
Loss rate: 3.97%
-- Flow 1:
Average throughput: 6.99 Mbit/s
95th percentile per-packet one-way delay: 70.200 ms
Loss rate: 3.03%
-- Flow 2:
Average throughput: 6.04 Mbit/s
95th percentile per-packet one-way delay: 70.285 ms
Loss rate: 5.67%
-- Flow 3:
Average throughput: 6.24 Mbit/s
95th percentile per-packet one-way delay: 70.209 ms
Loss rate: 3.74%

Run 6: Report of Sprout — Data Link

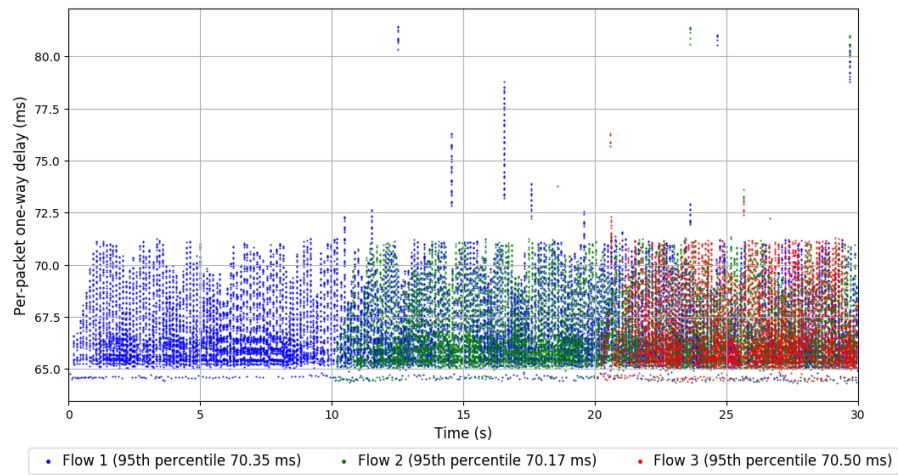
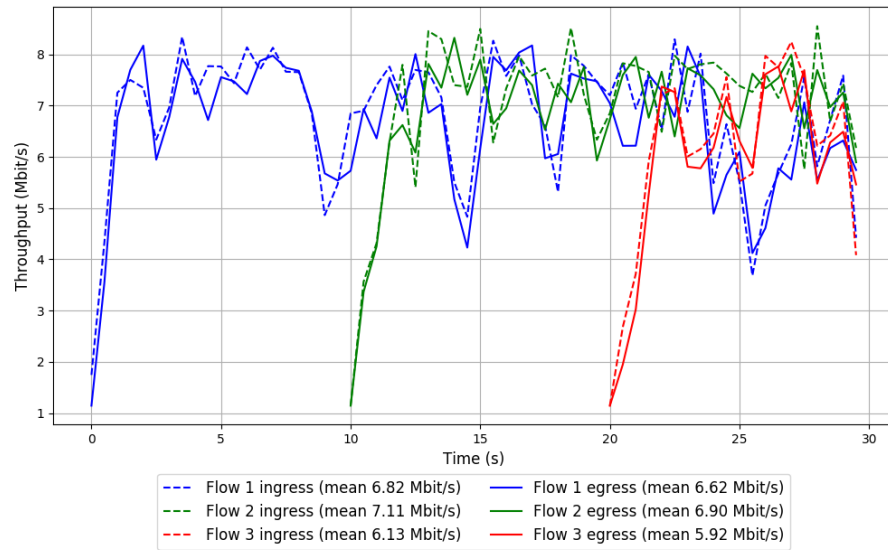


Run 7: Statistics of Sprout

Start at: 2018-03-27 20:38:51
End at: 2018-03-27 20:39:21
Local clock offset: -3.886 ms
Remote clock offset: -10.038 ms

```
# Below is generated by plot.py at 2018-03-27 22:38:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.15 Mbit/s
95th percentile per-packet one-way delay: 70.314 ms
Loss rate: 3.04%
-- Flow 1:
Average throughput: 6.62 Mbit/s
95th percentile per-packet one-way delay: 70.354 ms
Loss rate: 3.02%
-- Flow 2:
Average throughput: 6.90 Mbit/s
95th percentile per-packet one-way delay: 70.167 ms
Loss rate: 2.95%
-- Flow 3:
Average throughput: 5.92 Mbit/s
95th percentile per-packet one-way delay: 70.505 ms
Loss rate: 3.28%
```


Run 7: Report of Sprout — Data Link

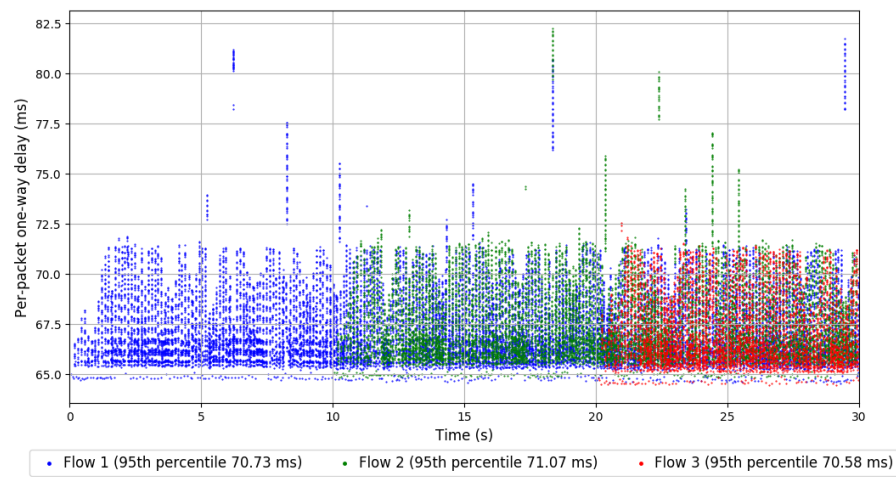
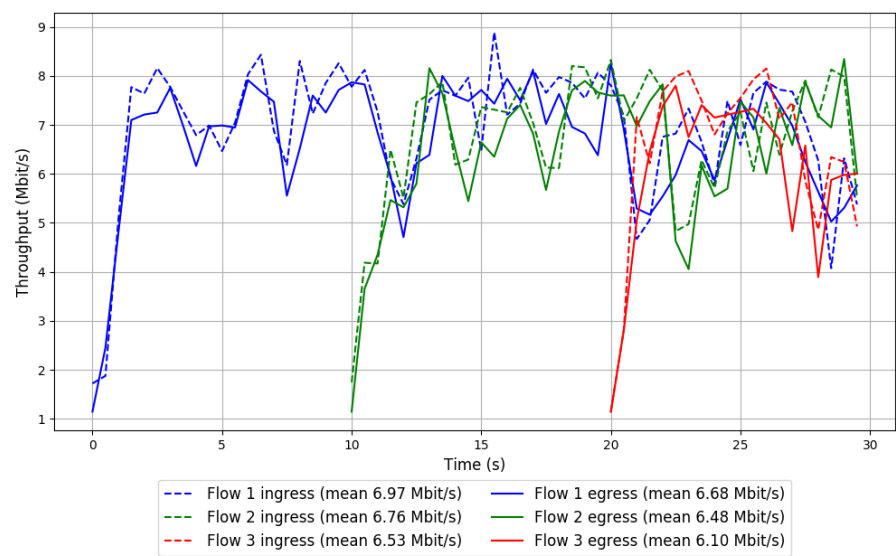


Run 8: Statistics of Sprout

Start at: 2018-03-27 21:02:05
End at: 2018-03-27 21:02:35
Local clock offset: -2.922 ms
Remote clock offset: -9.104 ms

```
# Below is generated by plot.py at 2018-03-27 22:38:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.01 Mbit/s
95th percentile per-packet one-way delay: 70.814 ms
Loss rate: 4.49%
-- Flow 1:
Average throughput: 6.68 Mbit/s
95th percentile per-packet one-way delay: 70.732 ms
Loss rate: 4.15%
-- Flow 2:
Average throughput: 6.48 Mbit/s
95th percentile per-packet one-way delay: 71.069 ms
Loss rate: 4.05%
-- Flow 3:
Average throughput: 6.10 Mbit/s
95th percentile per-packet one-way delay: 70.575 ms
Loss rate: 6.52%
```

Run 8: Report of Sprout — Data Link

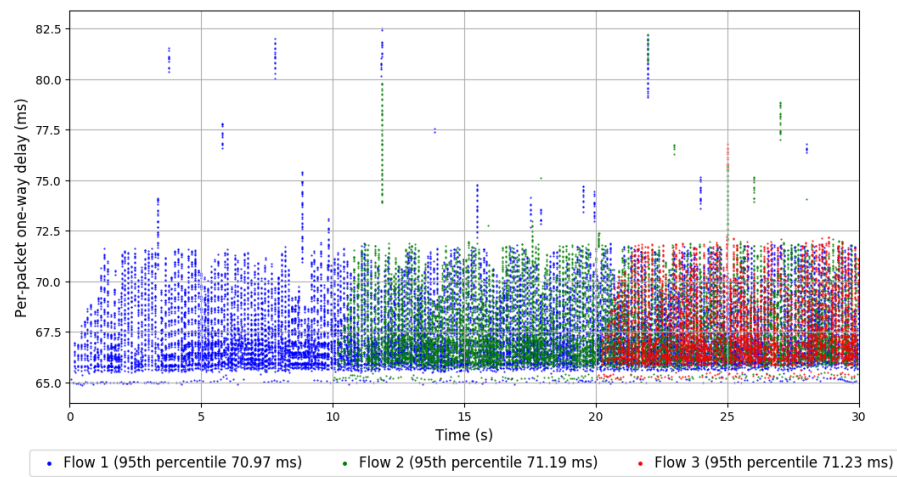
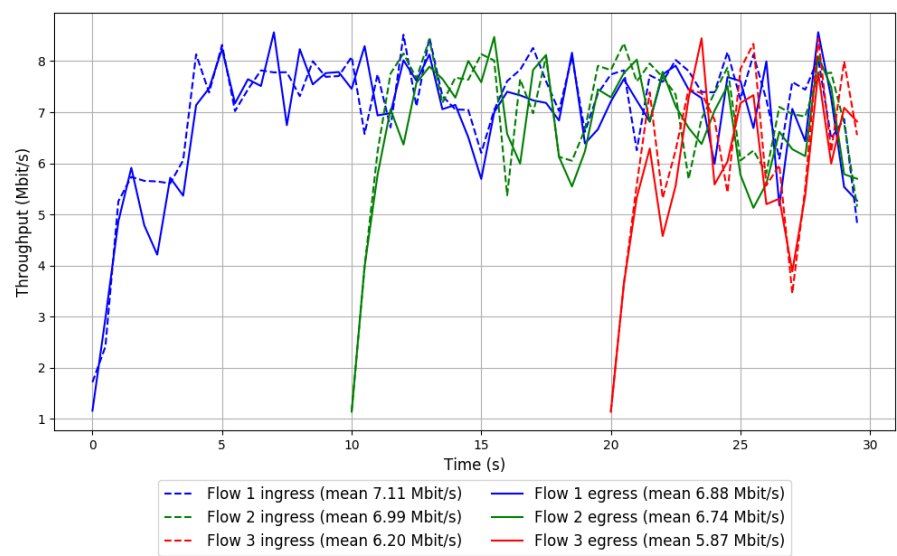


Run 9: Statistics of Sprout

Start at: 2018-03-27 21:25:00
End at: 2018-03-27 21:25:30
Local clock offset: 5.143 ms
Remote clock offset: -9.168 ms

```
# Below is generated by plot.py at 2018-03-27 22:38:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.30 Mbit/s
95th percentile per-packet one-way delay: 71.091 ms
Loss rate: 3.63%
-- Flow 1:
Average throughput: 6.88 Mbit/s
95th percentile per-packet one-way delay: 70.966 ms
Loss rate: 3.11%
-- Flow 2:
Average throughput: 6.74 Mbit/s
95th percentile per-packet one-way delay: 71.186 ms
Loss rate: 3.68%
-- Flow 3:
Average throughput: 5.87 Mbit/s
95th percentile per-packet one-way delay: 71.233 ms
Loss rate: 5.31%
```

Run 9: Report of Sprout — Data Link

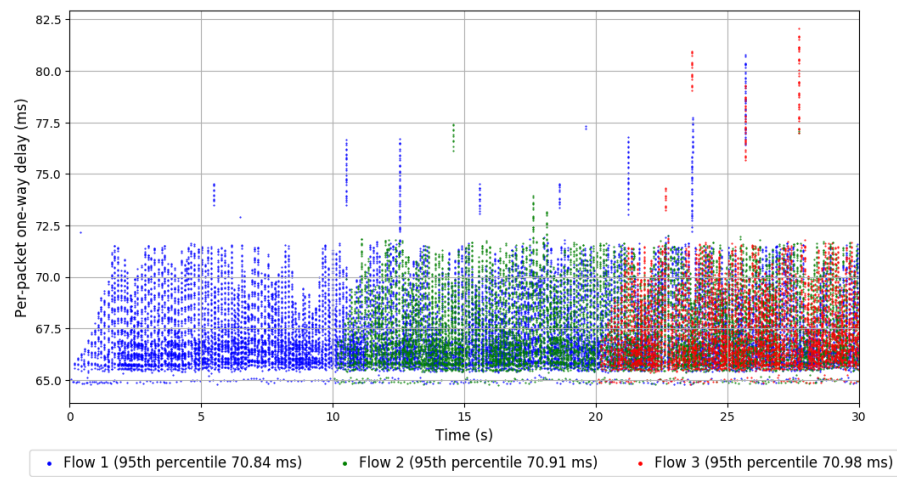
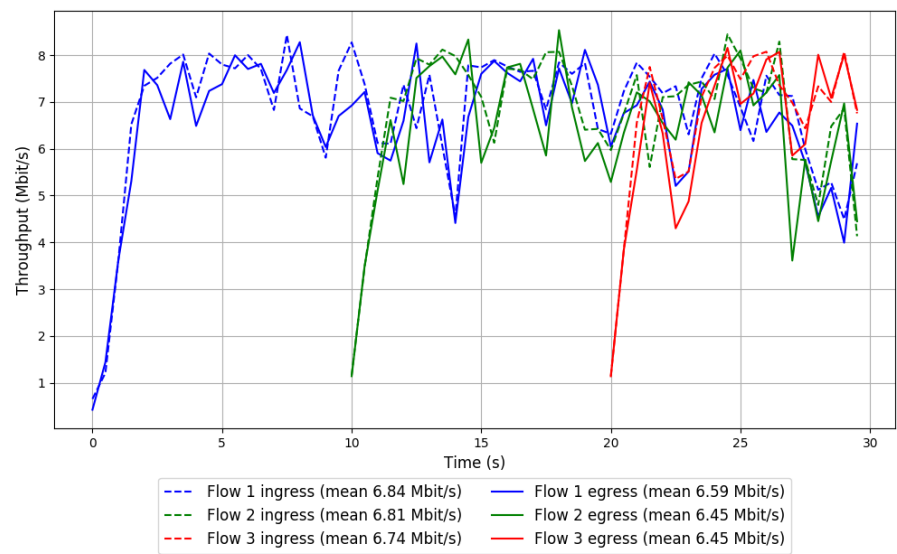


Run 10: Statistics of Sprout

Start at: 2018-03-27 21:48:00
End at: 2018-03-27 21:48:30
Local clock offset: 12.709 ms
Remote clock offset: -7.341 ms

Below is generated by plot.py at 2018-03-27 22:38:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 13.00 Mbit/s
95th percentile per-packet one-way delay: 70.891 ms
Loss rate: 4.32%
-- Flow 1:
Average throughput: 6.59 Mbit/s
95th percentile per-packet one-way delay: 70.842 ms
Loss rate: 3.70%
-- Flow 2:
Average throughput: 6.45 Mbit/s
95th percentile per-packet one-way delay: 70.914 ms
Loss rate: 5.33%
-- Flow 3:
Average throughput: 6.45 Mbit/s
95th percentile per-packet one-way delay: 70.983 ms
Loss rate: 4.21%

Run 10: Report of Sprout — Data Link

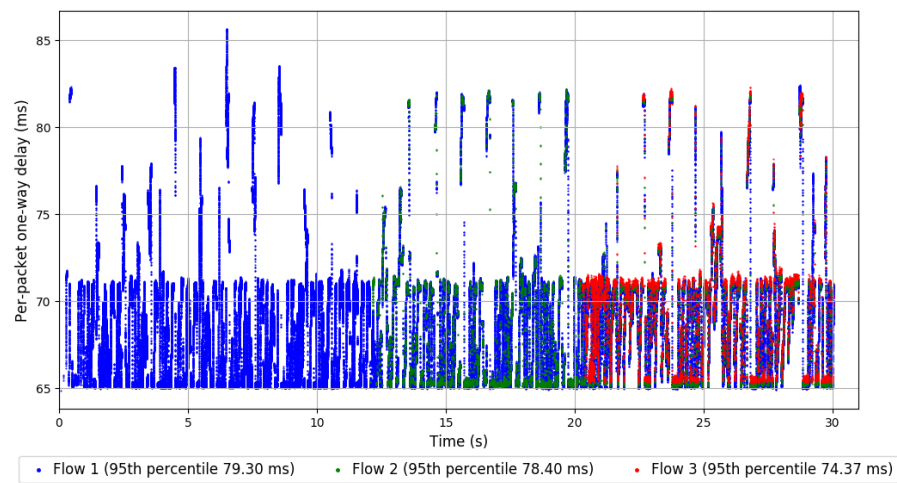
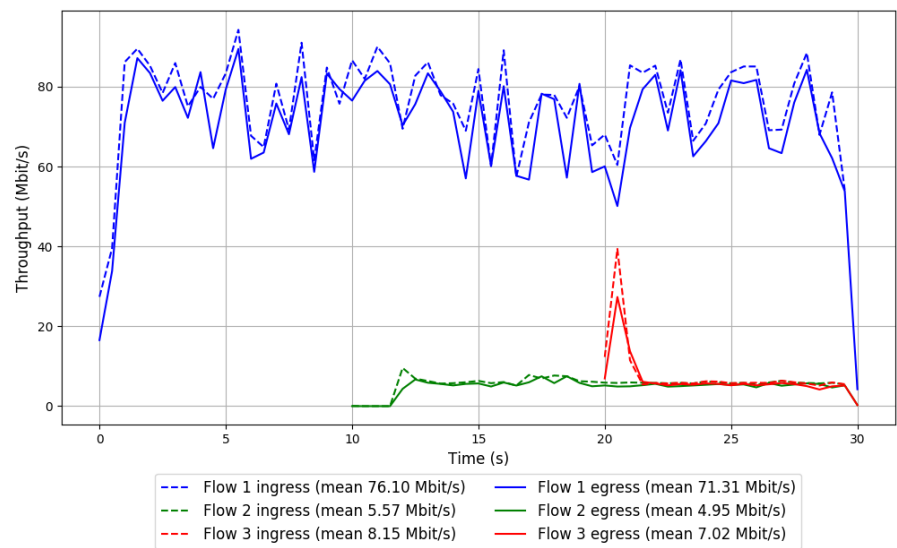


Run 1: Statistics of TaoVA-100x

Start at: 2018-03-27 18:17:23
End at: 2018-03-27 18:17:53
Local clock offset: 2.047 ms
Remote clock offset: -9.286 ms

Below is generated by plot.py at 2018-03-27 22:40:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.93 Mbit/s
95th percentile per-packet one-way delay: 79.182 ms
Loss rate: 6.75%
-- Flow 1:
Average throughput: 71.31 Mbit/s
95th percentile per-packet one-way delay: 79.302 ms
Loss rate: 6.29%
-- Flow 2:
Average throughput: 4.95 Mbit/s
95th percentile per-packet one-way delay: 78.397 ms
Loss rate: 11.13%
-- Flow 3:
Average throughput: 7.02 Mbit/s
95th percentile per-packet one-way delay: 74.367 ms
Loss rate: 13.77%

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

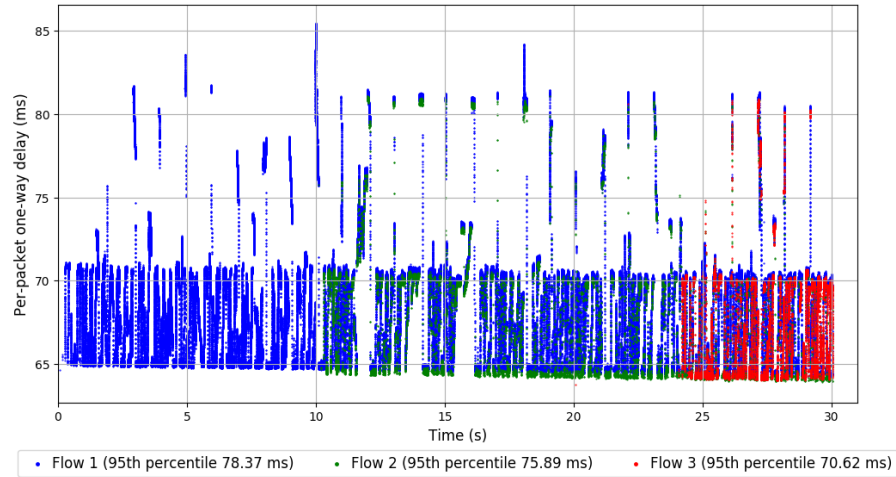
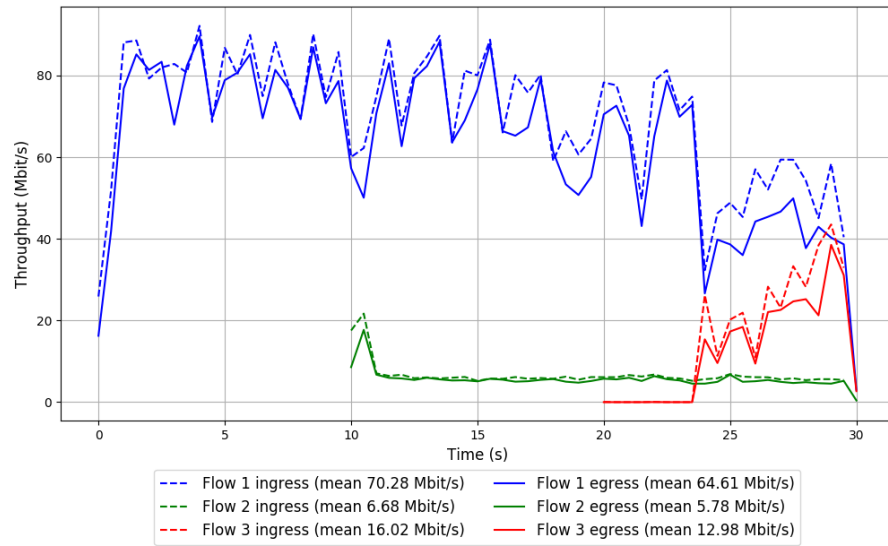


Run 2: Statistics of TaoVA-100x

Start at: 2018-03-27 18:41:19
End at: 2018-03-27 18:41:49
Local clock offset: 12.227 ms
Remote clock offset: 11.324 ms

Below is generated by plot.py at 2018-03-27 22:40:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.76 Mbit/s
95th percentile per-packet one-way delay: 78.110 ms
Loss rate: 9.08%
-- Flow 1:
Average throughput: 64.61 Mbit/s
95th percentile per-packet one-way delay: 78.370 ms
Loss rate: 8.05%
-- Flow 2:
Average throughput: 5.78 Mbit/s
95th percentile per-packet one-way delay: 75.885 ms
Loss rate: 13.59%
-- Flow 3:
Average throughput: 12.98 Mbit/s
95th percentile per-packet one-way delay: 70.625 ms
Loss rate: 18.92%

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

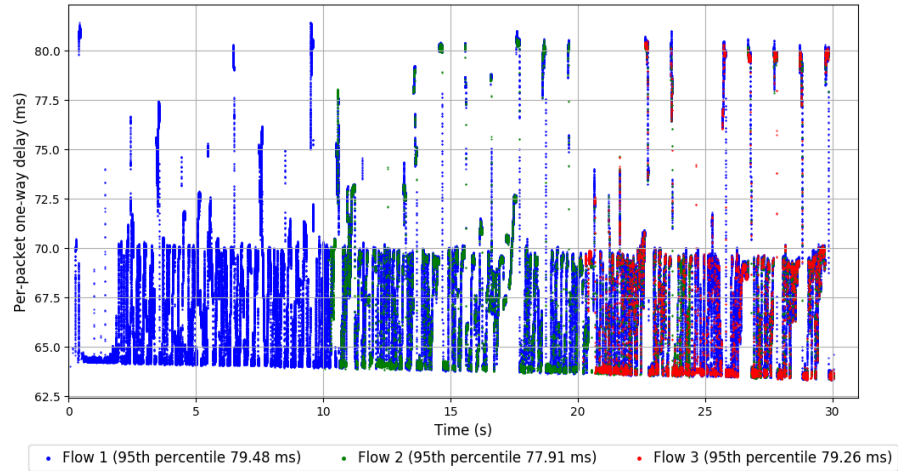
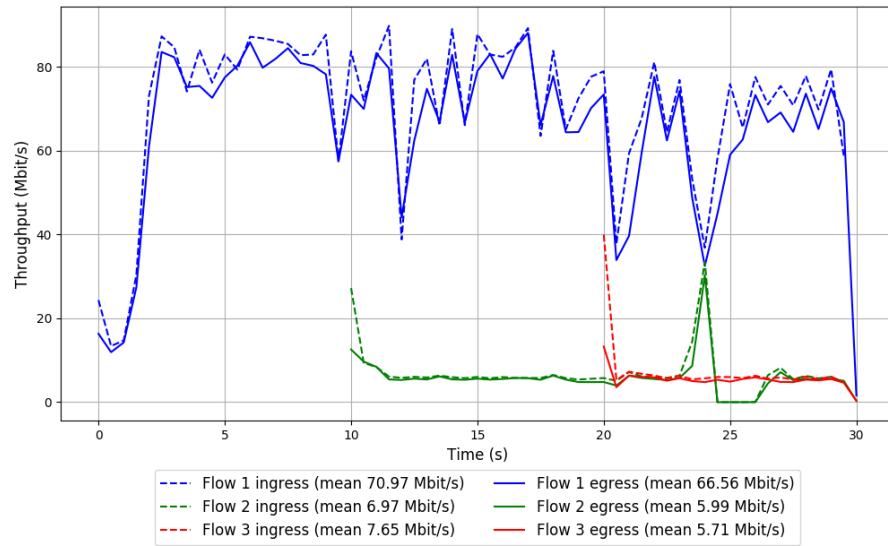


Run 3: Statistics of TaoVA-100x

Start at: 2018-03-27 19:04:23
End at: 2018-03-27 19:04:53
Local clock offset: 10.897 ms
Remote clock offset: 33.358 ms

Below is generated by plot.py at 2018-03-27 22:40:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.45 Mbit/s
95th percentile per-packet one-way delay: 79.397 ms
Loss rate: 7.29%
-- Flow 1:
Average throughput: 66.56 Mbit/s
95th percentile per-packet one-way delay: 79.484 ms
Loss rate: 6.21%
-- Flow 2:
Average throughput: 5.99 Mbit/s
95th percentile per-packet one-way delay: 77.913 ms
Loss rate: 13.99%
-- Flow 3:
Average throughput: 5.71 Mbit/s
95th percentile per-packet one-way delay: 79.259 ms
Loss rate: 25.36%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-03-27 19:27:33

End at: 2018-03-27 19:28:03

Local clock offset: -1.207 ms

Remote clock offset: 7.861 ms

Below is generated by plot.py at 2018-03-27 22:40:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 73.88 Mbit/s

95th percentile per-packet one-way delay: 81.258 ms

Loss rate: 7.88%

-- Flow 1:

Average throughput: 27.86 Mbit/s

95th percentile per-packet one-way delay: 75.810 ms

Loss rate: 8.69%

-- Flow 2:

Average throughput: 35.86 Mbit/s

95th percentile per-packet one-way delay: 81.500 ms

Loss rate: 8.17%

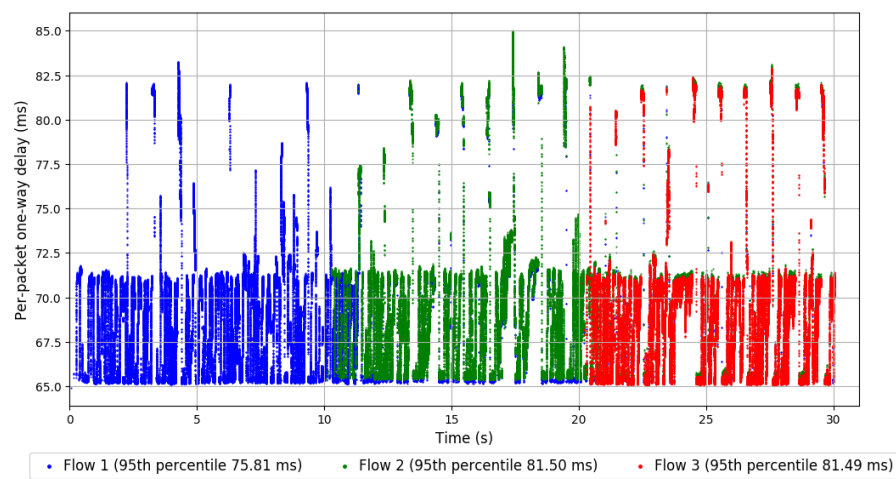
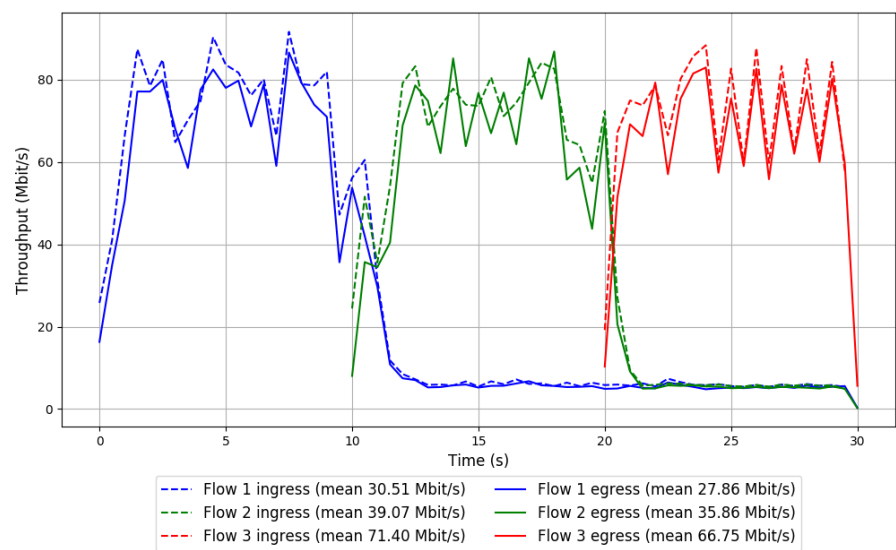
-- Flow 3:

Average throughput: 66.75 Mbit/s

95th percentile per-packet one-way delay: 81.494 ms

Loss rate: 6.51%

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

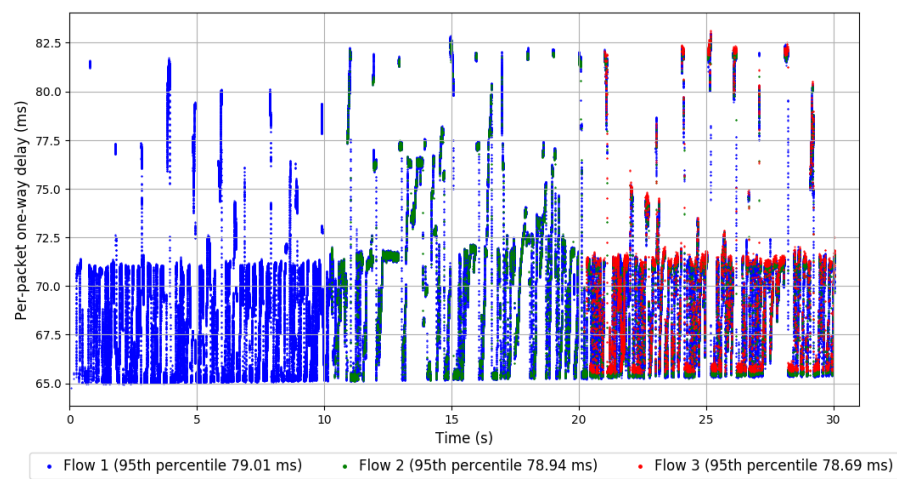
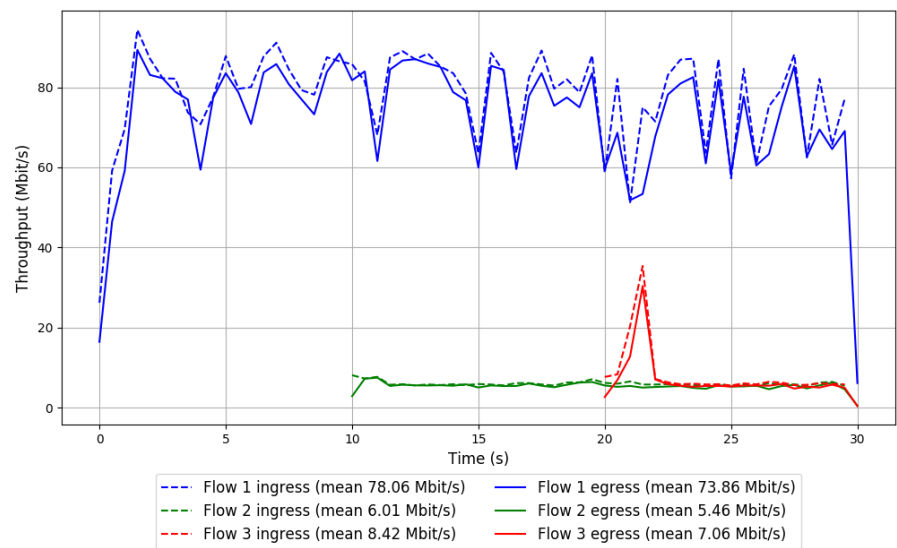


Run 5: Statistics of TaoVA-100x

Start at: 2018-03-27 19:50:57
End at: 2018-03-27 19:51:27
Local clock offset: -2.929 ms
Remote clock offset: -8.152 ms

Below is generated by plot.py at 2018-03-27 22:40:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.83 Mbit/s
95th percentile per-packet one-way delay: 79.003 ms
Loss rate: 5.90%
-- Flow 1:
Average throughput: 73.86 Mbit/s
95th percentile per-packet one-way delay: 79.011 ms
Loss rate: 5.37%
-- Flow 2:
Average throughput: 5.46 Mbit/s
95th percentile per-packet one-way delay: 78.943 ms
Loss rate: 9.07%
-- Flow 3:
Average throughput: 7.06 Mbit/s
95th percentile per-packet one-way delay: 78.687 ms
Loss rate: 16.15%

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

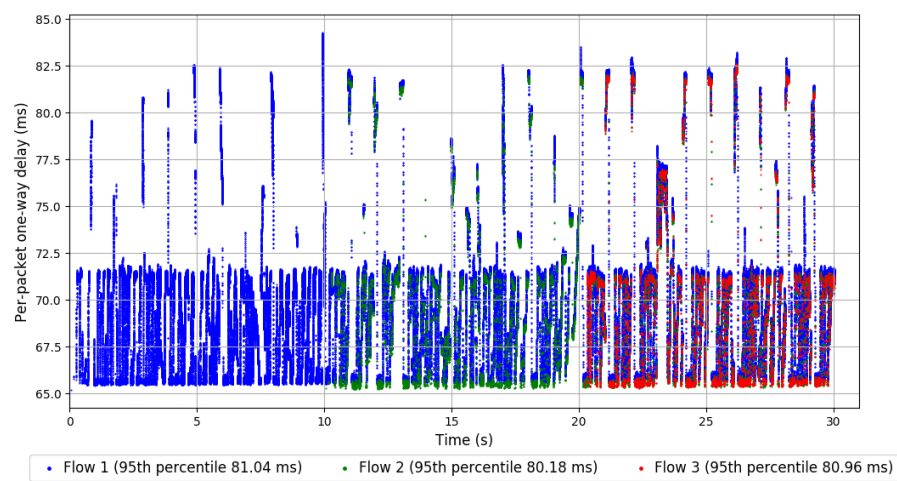
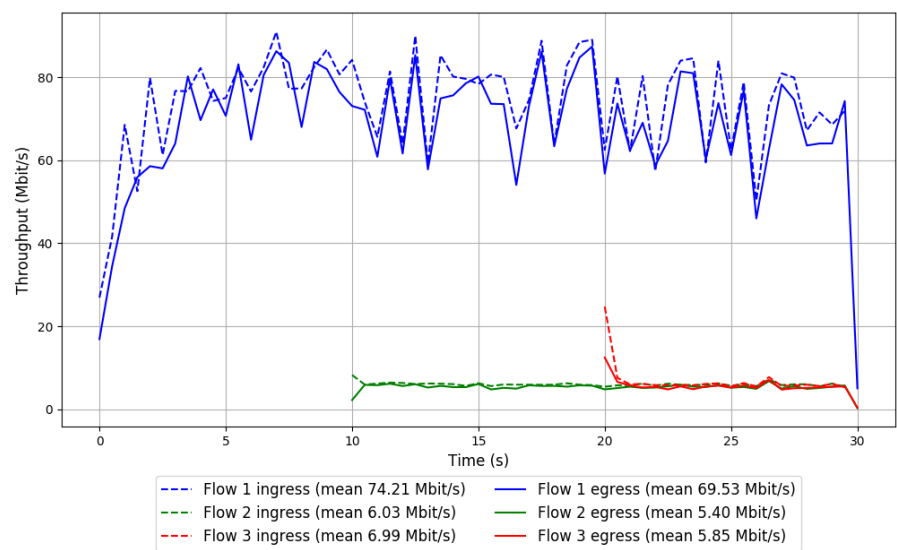


Run 6: Statistics of TaoVA-100x

Start at: 2018-03-27 20:14:18
End at: 2018-03-27 20:14:48
Local clock offset: -3.875 ms
Remote clock offset: -20.61 ms

Below is generated by plot.py at 2018-03-27 22:40:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.06 Mbit/s
95th percentile per-packet one-way delay: 81.003 ms
Loss rate: 6.79%
-- Flow 1:
Average throughput: 69.53 Mbit/s
95th percentile per-packet one-way delay: 81.044 ms
Loss rate: 6.30%
-- Flow 2:
Average throughput: 5.40 Mbit/s
95th percentile per-packet one-way delay: 80.179 ms
Loss rate: 10.38%
-- Flow 3:
Average throughput: 5.85 Mbit/s
95th percentile per-packet one-way delay: 80.960 ms
Loss rate: 16.43%

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

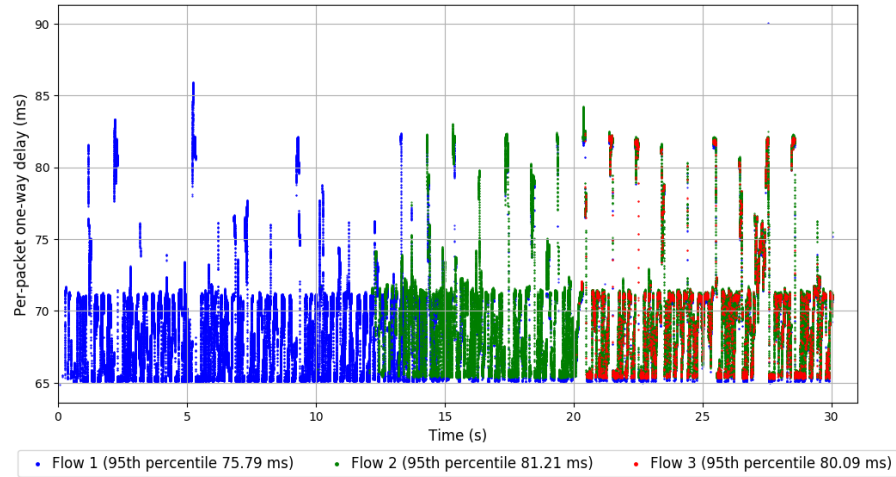
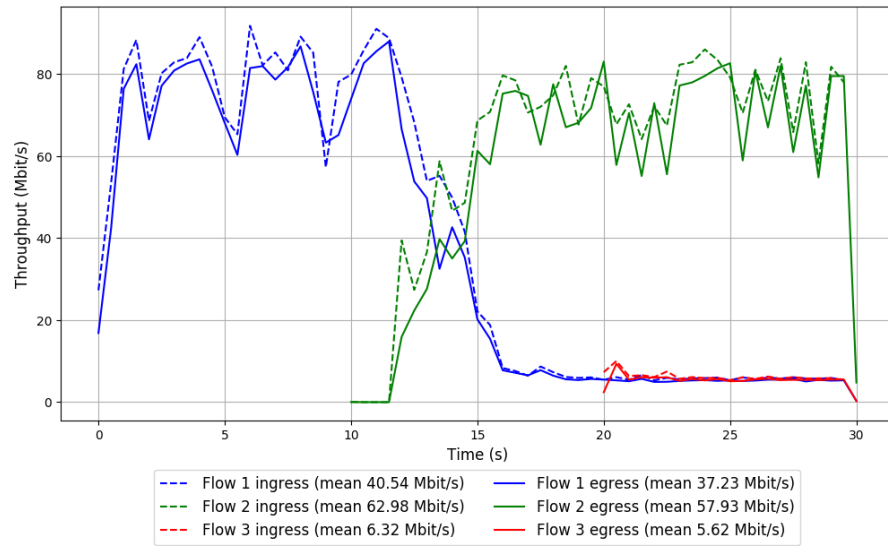


Run 7: Statistics of TaoVA-100x

Start at: 2018-03-27 20:37:33
End at: 2018-03-27 20:38:03
Local clock offset: -3.978 ms
Remote clock offset: -10.112 ms

Below is generated by plot.py at 2018-03-27 22:40:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.68 Mbit/s
95th percentile per-packet one-way delay: 79.764 ms
Loss rate: 8.13%
-- Flow 1:
Average throughput: 37.23 Mbit/s
95th percentile per-packet one-way delay: 75.789 ms
Loss rate: 8.14%
-- Flow 2:
Average throughput: 57.93 Mbit/s
95th percentile per-packet one-way delay: 81.208 ms
Loss rate: 7.97%
-- Flow 3:
Average throughput: 5.62 Mbit/s
95th percentile per-packet one-way delay: 80.094 ms
Loss rate: 11.00%

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

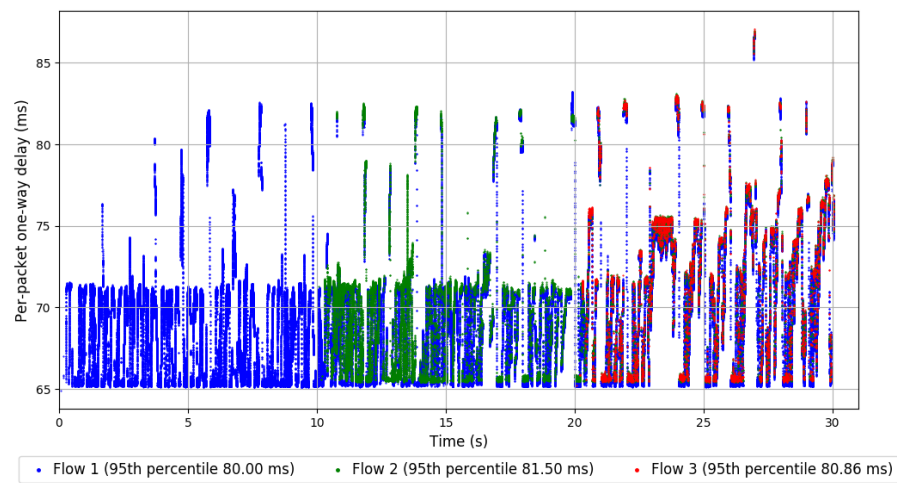
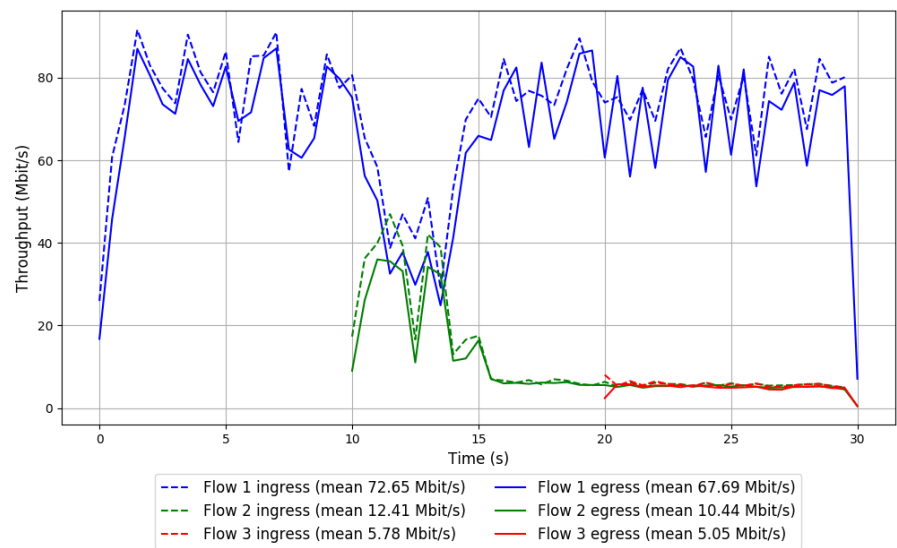


Run 8: Statistics of TaoVA-100x

Start at: 2018-03-27 21:00:47
End at: 2018-03-27 21:01:17
Local clock offset: -2.934 ms
Remote clock offset: -9.178 ms

Below is generated by plot.py at 2018-03-27 22:40:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.31 Mbit/s
95th percentile per-packet one-way delay: 80.084 ms
Loss rate: 7.83%
-- Flow 1:
Average throughput: 67.69 Mbit/s
95th percentile per-packet one-way delay: 80.002 ms
Loss rate: 6.79%
-- Flow 2:
Average throughput: 10.44 Mbit/s
95th percentile per-packet one-way delay: 81.497 ms
Loss rate: 15.86%
-- Flow 3:
Average throughput: 5.05 Mbit/s
95th percentile per-packet one-way delay: 80.859 ms
Loss rate: 12.57%

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

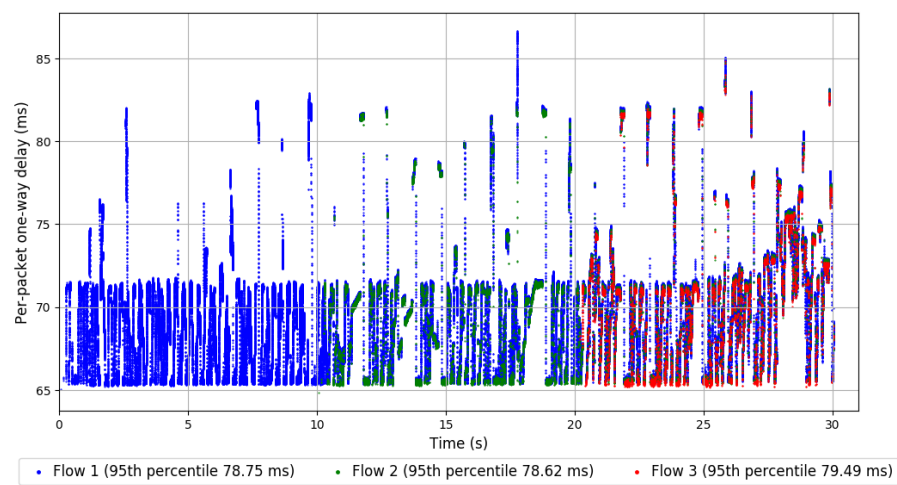
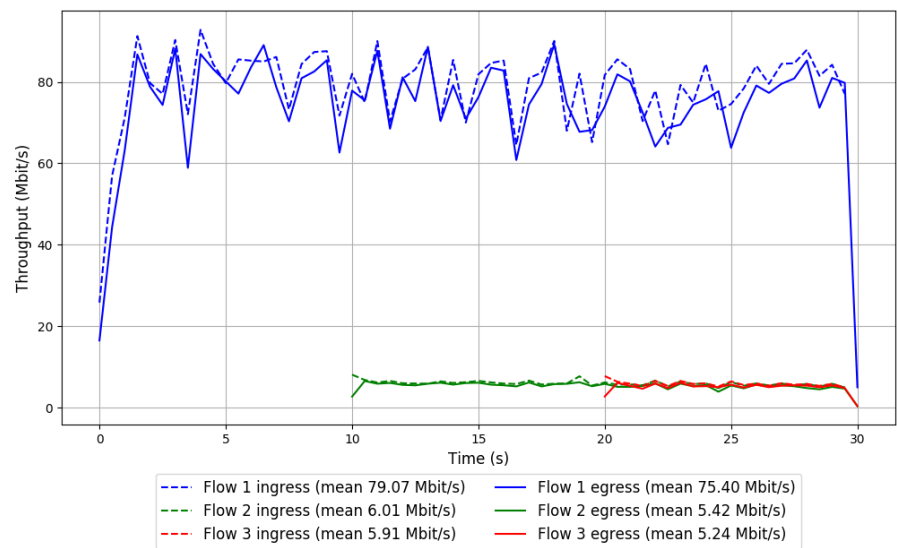


Run 9: Statistics of TaoVA-100x

Start at: 2018-03-27 21:23:42
End at: 2018-03-27 21:24:12
Local clock offset: 4.525 ms
Remote clock offset: -9.569 ms

Below is generated by plot.py at 2018-03-27 22:42:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.75 Mbit/s
95th percentile per-packet one-way delay: 78.747 ms
Loss rate: 5.02%
-- Flow 1:
Average throughput: 75.40 Mbit/s
95th percentile per-packet one-way delay: 78.749 ms
Loss rate: 4.63%
-- Flow 2:
Average throughput: 5.42 Mbit/s
95th percentile per-packet one-way delay: 78.616 ms
Loss rate: 9.77%
-- Flow 3:
Average throughput: 5.24 Mbit/s
95th percentile per-packet one-way delay: 79.489 ms
Loss rate: 11.29%

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

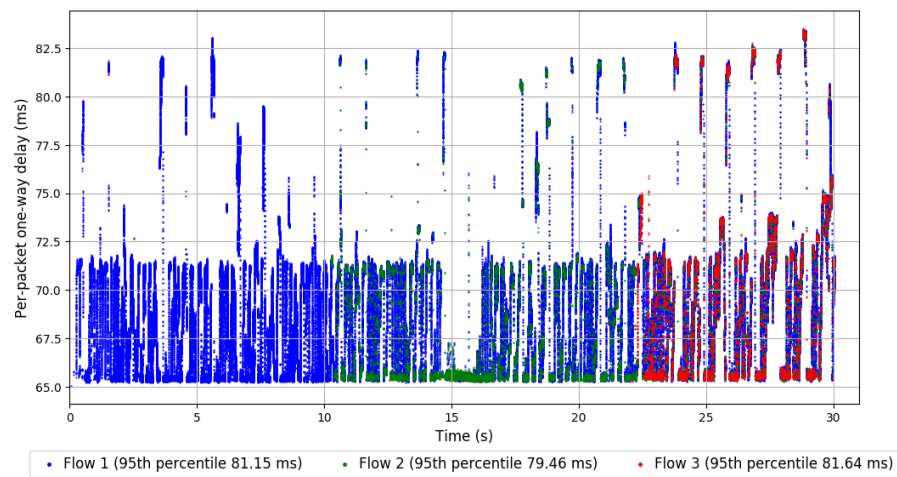
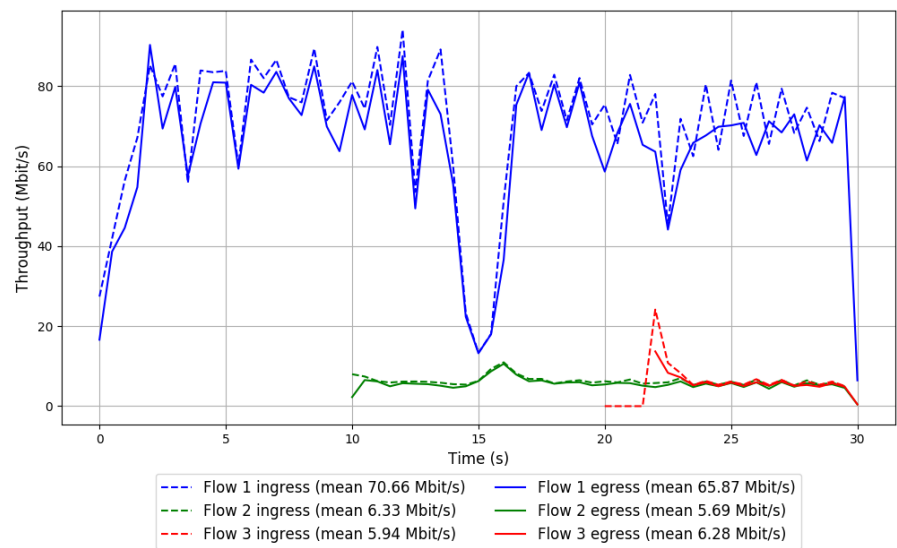


Run 10: Statistics of TaoVA-100x

Start at: 2018-03-27 21:46:42
End at: 2018-03-27 21:47:12
Local clock offset: 12.329 ms
Remote clock offset: -7.321 ms

Below is generated by plot.py at 2018-03-27 22:42:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 71.33 Mbit/s
95th percentile per-packet one-way delay: 81.137 ms
Loss rate: 7.17%
-- Flow 1:
Average throughput: 65.87 Mbit/s
95th percentile per-packet one-way delay: 81.153 ms
Loss rate: 6.76%
-- Flow 2:
Average throughput: 5.69 Mbit/s
95th percentile per-packet one-way delay: 79.459 ms
Loss rate: 10.07%
-- Flow 3:
Average throughput: 6.28 Mbit/s
95th percentile per-packet one-way delay: 81.636 ms
Loss rate: 15.45%

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

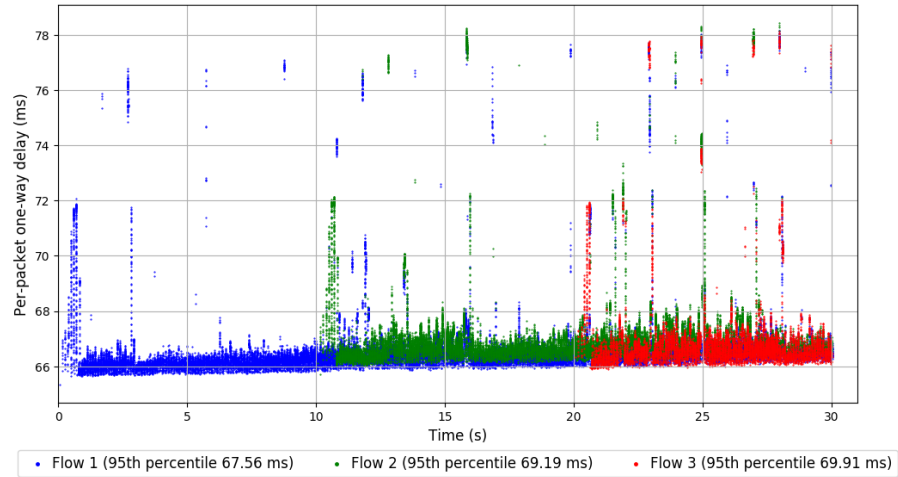
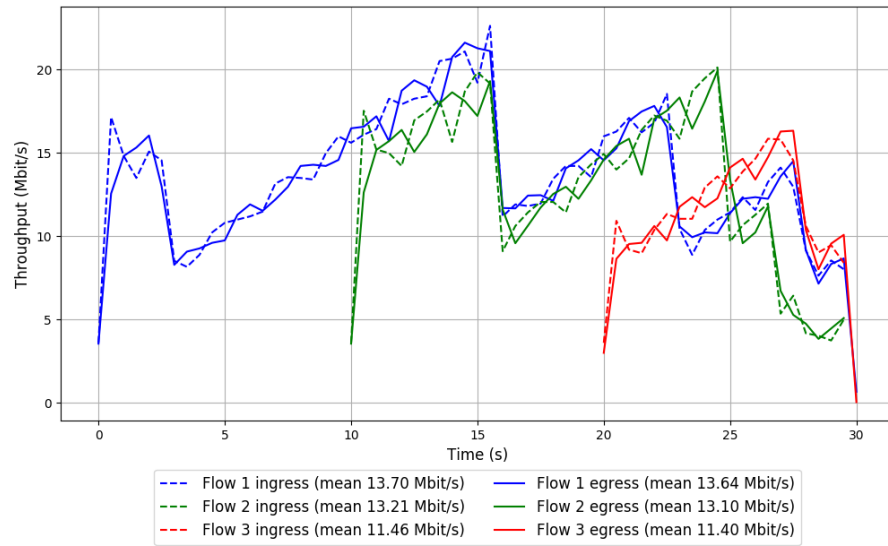


Run 1: Statistics of TCP Vegas

Start at: 2018-03-27 18:28:21
End at: 2018-03-27 18:28:51
Local clock offset: 3.884 ms
Remote clock offset: -9.522 ms

Below is generated by plot.py at 2018-03-27 22:42:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 26.14 Mbit/s
95th percentile per-packet one-way delay: 68.149 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 13.64 Mbit/s
95th percentile per-packet one-way delay: 67.560 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 13.10 Mbit/s
95th percentile per-packet one-way delay: 69.194 ms
Loss rate: 0.78%
-- Flow 3:
Average throughput: 11.40 Mbit/s
95th percentile per-packet one-way delay: 69.909 ms
Loss rate: 0.55%

Run 1: Report of TCP Vegas — Data Link

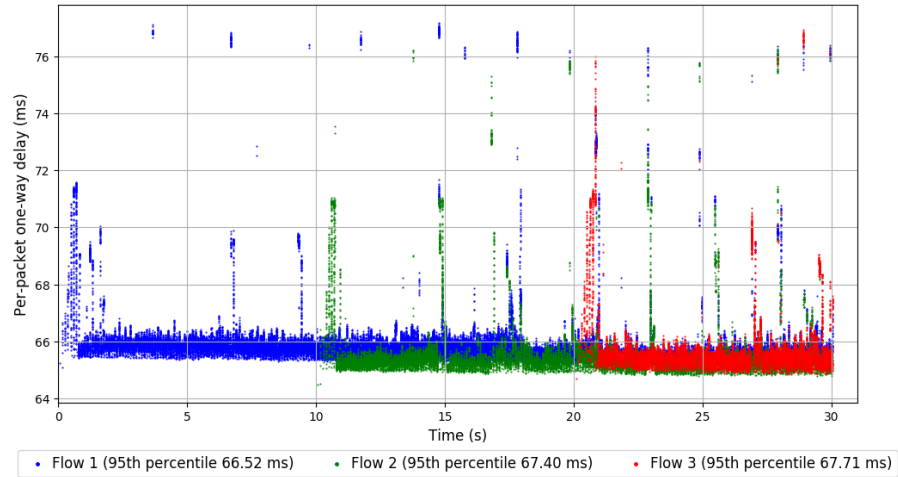
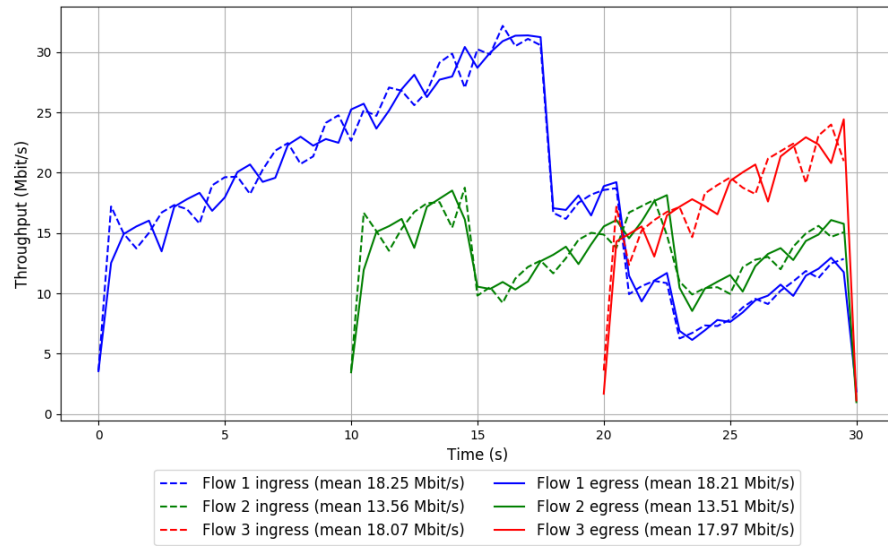


Run 2: Statistics of TCP Vegas

Start at: 2018-03-27 18:51:31
End at: 2018-03-27 18:52:01
Local clock offset: 14.845 ms
Remote clock offset: 24.109 ms

Below is generated by plot.py at 2018-03-27 22:42:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 33.17 Mbit/s
95th percentile per-packet one-way delay: 66.870 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 18.21 Mbit/s
95th percentile per-packet one-way delay: 66.520 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 13.51 Mbit/s
95th percentile per-packet one-way delay: 67.401 ms
Loss rate: 0.37%
-- Flow 3:
Average throughput: 17.97 Mbit/s
95th percentile per-packet one-way delay: 67.709 ms
Loss rate: 0.52%

Run 2: Report of TCP Vegas — Data Link

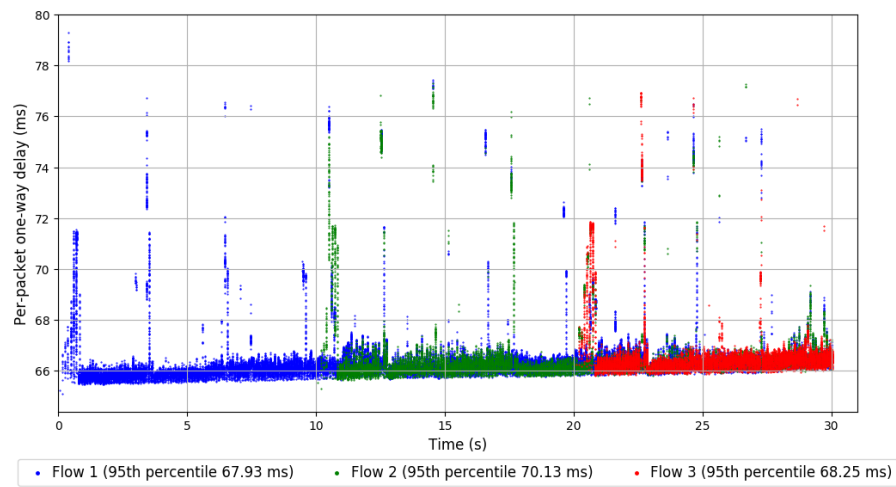
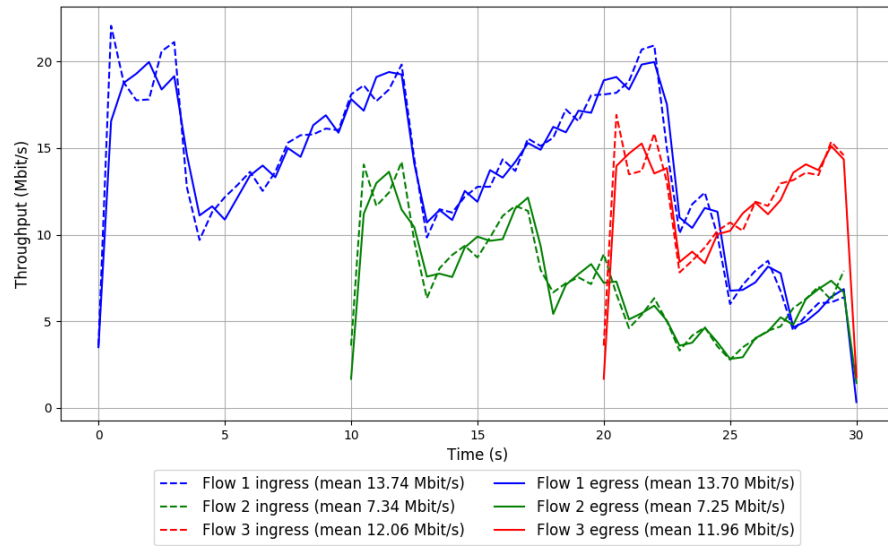


Run 3: Statistics of TCP Vegas

Start at: 2018-03-27 19:14:35
End at: 2018-03-27 19:15:05
Local clock offset: 2.865 ms
Remote clock offset: 17.305 ms

Below is generated by plot.py at 2018-03-27 22:42:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 22.49 Mbit/s
95th percentile per-packet one-way delay: 68.330 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 13.70 Mbit/s
95th percentile per-packet one-way delay: 67.934 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 7.25 Mbit/s
95th percentile per-packet one-way delay: 70.127 ms
Loss rate: 1.16%
-- Flow 3:
Average throughput: 11.96 Mbit/s
95th percentile per-packet one-way delay: 68.247 ms
Loss rate: 0.84%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2018-03-27 19:37:59

End at: 2018-03-27 19:38:29

Local clock offset: -2.243 ms

Remote clock offset: 6.548 ms

Below is generated by plot.py at 2018-03-27 22:42:18

Datalink statistics

-- Total of 3 flows:

Average throughput: 26.10 Mbit/s

95th percentile per-packet one-way delay: 67.758 ms

Loss rate: 0.54%

-- Flow 1:

Average throughput: 13.12 Mbit/s

95th percentile per-packet one-way delay: 68.577 ms

Loss rate: 0.50%

-- Flow 2:

Average throughput: 14.96 Mbit/s

95th percentile per-packet one-way delay: 66.668 ms

Loss rate: 0.43%

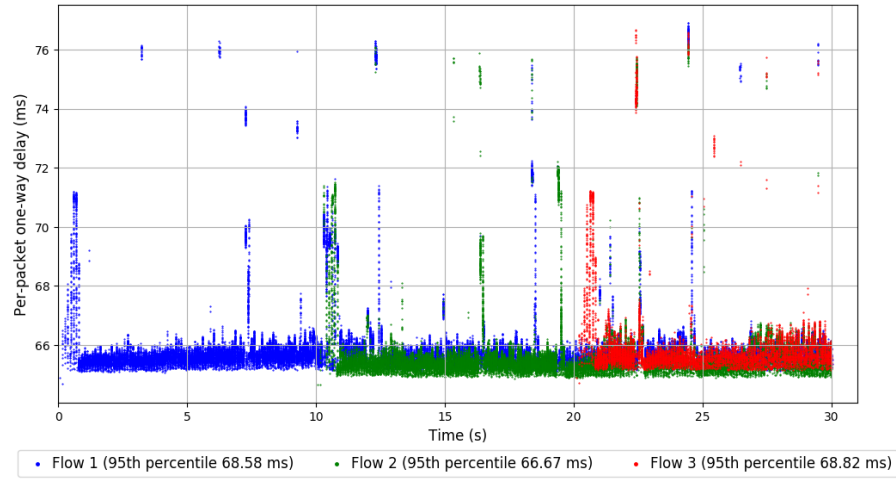
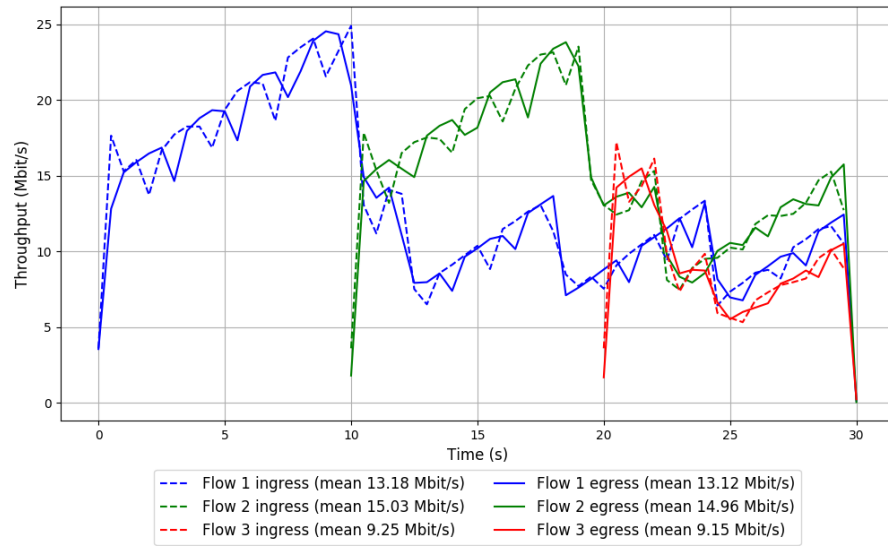
-- Flow 3:

Average throughput: 9.15 Mbit/s

95th percentile per-packet one-way delay: 68.816 ms

Loss rate: 1.11%

Run 4: Report of TCP Vegas — Data Link

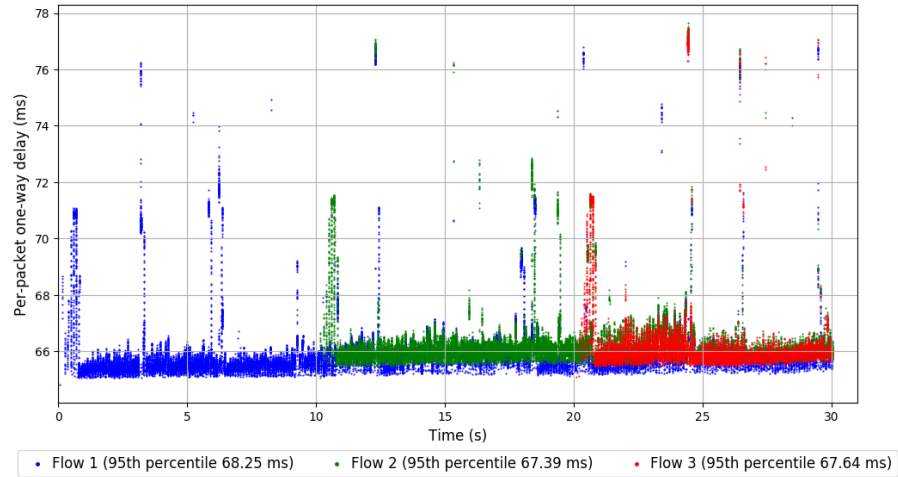
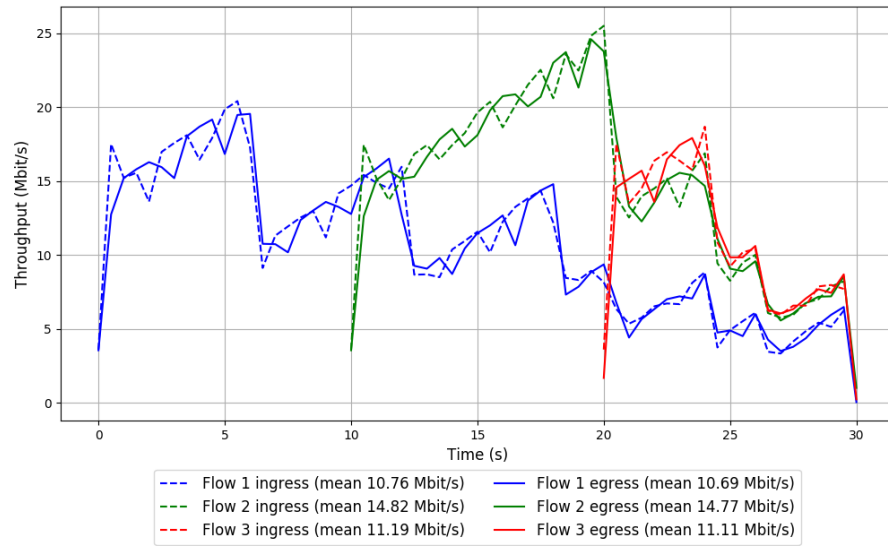


Run 5: Statistics of TCP Vegas

Start at: 2018-03-27 20:01:12
End at: 2018-03-27 20:01:42
Local clock offset: -4.24 ms
Remote clock offset: -15.202 ms

Below is generated by plot.py at 2018-03-27 22:42:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 24.20 Mbit/s
95th percentile per-packet one-way delay: 67.738 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 10.69 Mbit/s
95th percentile per-packet one-way delay: 68.245 ms
Loss rate: 0.59%
-- Flow 2:
Average throughput: 14.77 Mbit/s
95th percentile per-packet one-way delay: 67.392 ms
Loss rate: 0.41%
-- Flow 3:
Average throughput: 11.11 Mbit/s
95th percentile per-packet one-way delay: 67.644 ms
Loss rate: 1.05%

Run 5: Report of TCP Vegas — Data Link

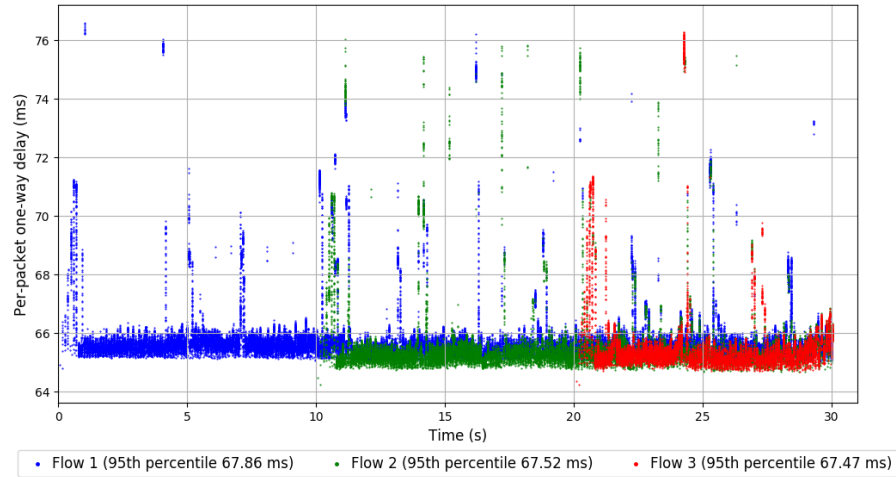
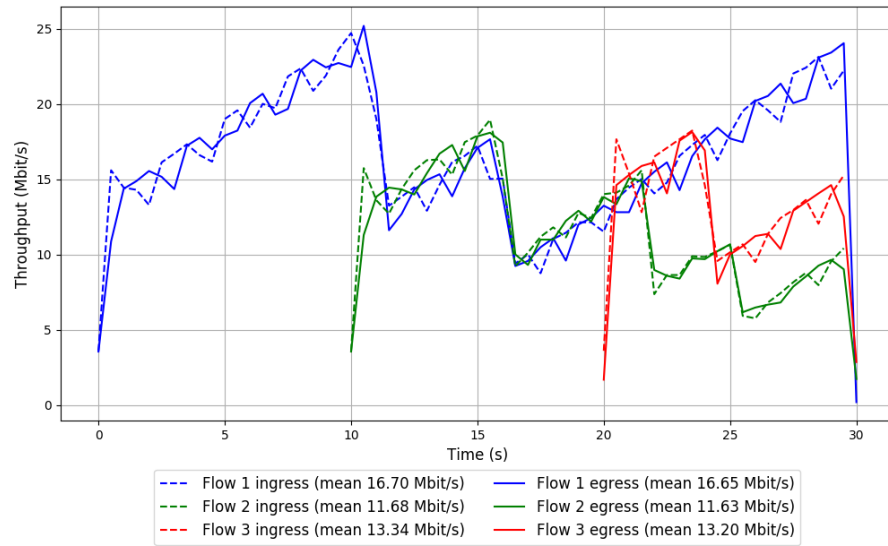


Run 6: Statistics of TCP Vegas

Start at: 2018-03-27 20:24:49
End at: 2018-03-27 20:25:19
Local clock offset: -3.199 ms
Remote clock offset: -12.493 ms

Below is generated by plot.py at 2018-03-27 22:42:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 28.77 Mbit/s
95th percentile per-packet one-way delay: 67.739 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 16.65 Mbit/s
95th percentile per-packet one-way delay: 67.862 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 11.63 Mbit/s
95th percentile per-packet one-way delay: 67.520 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 13.20 Mbit/s
95th percentile per-packet one-way delay: 67.474 ms
Loss rate: 1.08%

Run 6: Report of TCP Vegas — Data Link

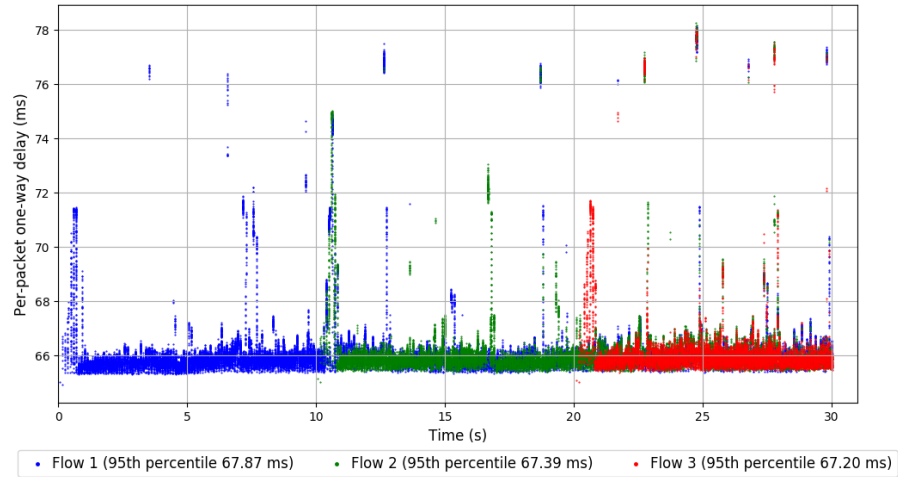
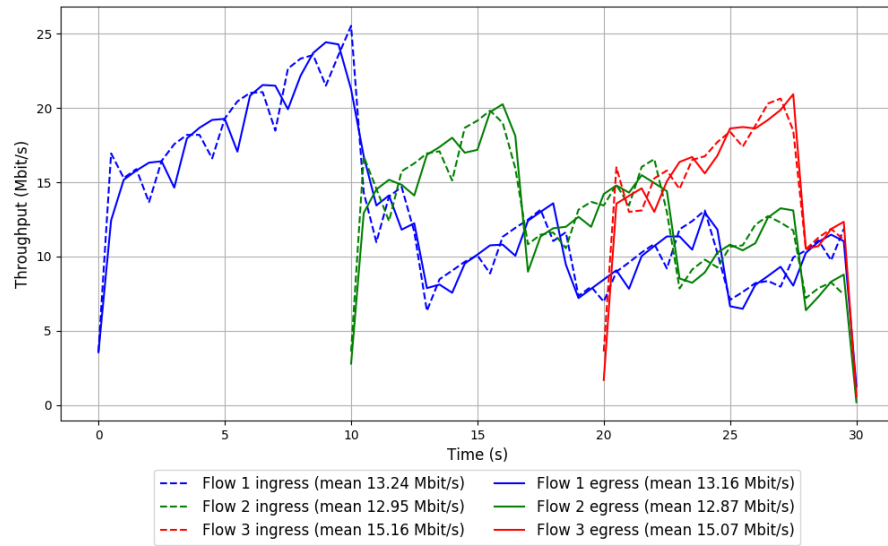


Run 7: Statistics of TCP Vegas

Start at: 2018-03-27 20:47:59
End at: 2018-03-27 20:48:29
Local clock offset: -3.394 ms
Remote clock offset: -10.423 ms

Below is generated by plot.py at 2018-03-27 22:42:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 26.73 Mbit/s
95th percentile per-packet one-way delay: 67.550 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 13.16 Mbit/s
95th percentile per-packet one-way delay: 67.873 ms
Loss rate: 0.56%
-- Flow 2:
Average throughput: 12.87 Mbit/s
95th percentile per-packet one-way delay: 67.391 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 15.07 Mbit/s
95th percentile per-packet one-way delay: 67.199 ms
Loss rate: 0.56%

Run 7: Report of TCP Vegas — Data Link

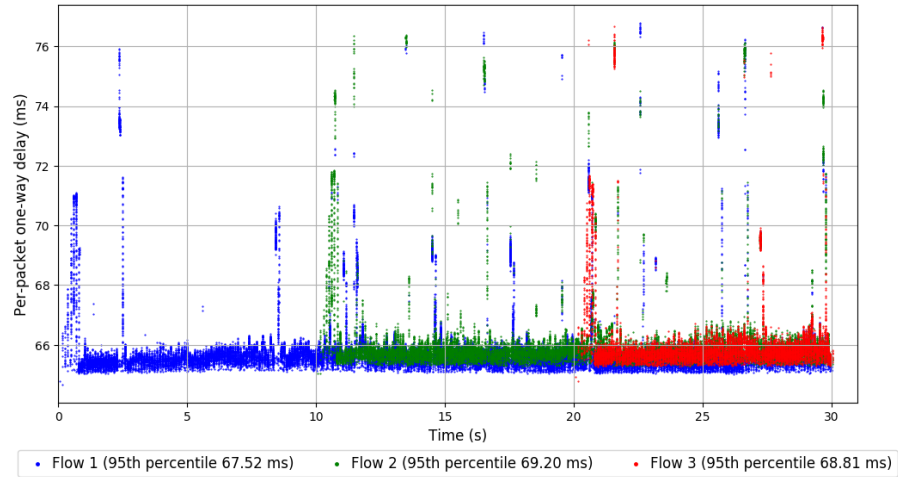
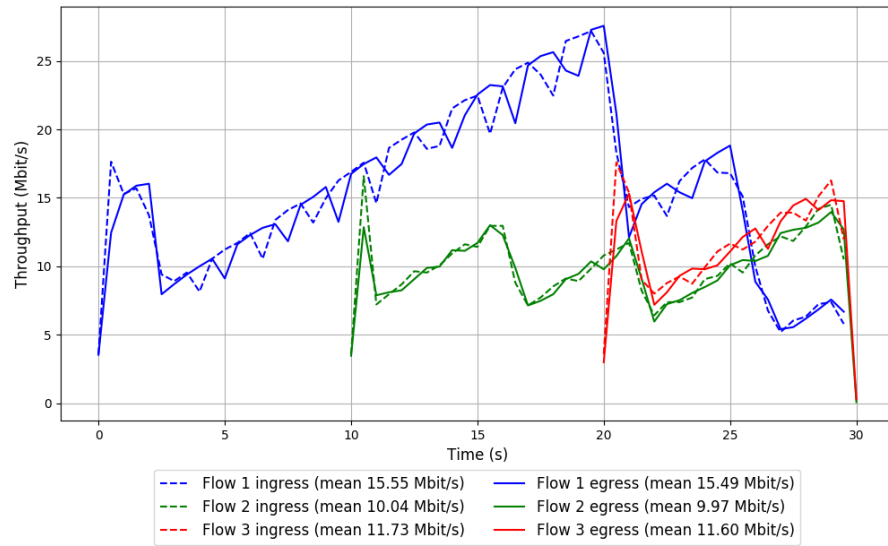


Run 8: Statistics of TCP Vegas

Start at: 2018-03-27 21:11:00
End at: 2018-03-27 21:11:30
Local clock offset: -2.919 ms
Remote clock offset: -9.133 ms

Below is generated by plot.py at 2018-03-27 22:42:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 25.96 Mbit/s
95th percentile per-packet one-way delay: 68.202 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 15.49 Mbit/s
95th percentile per-packet one-way delay: 67.522 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 9.97 Mbit/s
95th percentile per-packet one-way delay: 69.196 ms
Loss rate: 0.80%
-- Flow 3:
Average throughput: 11.60 Mbit/s
95th percentile per-packet one-way delay: 68.806 ms
Loss rate: 1.12%

Run 8: Report of TCP Vegas — Data Link

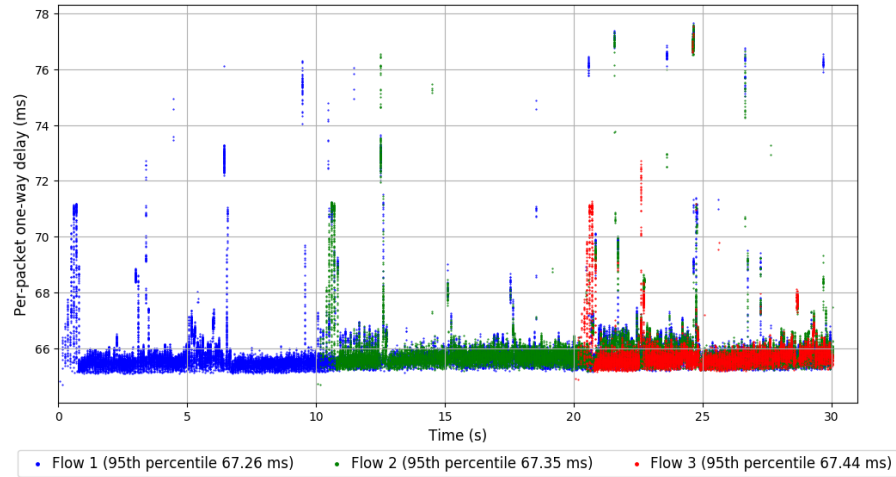
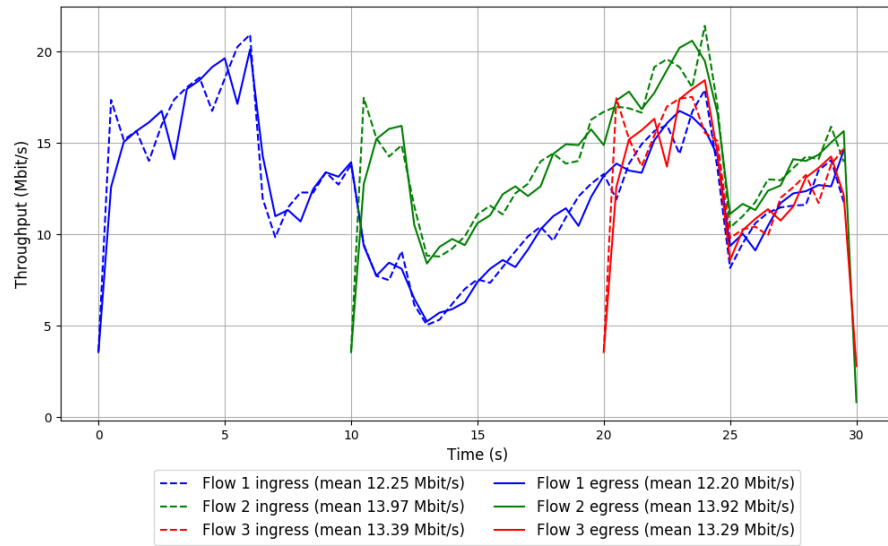


Run 9: Statistics of TCP Vegas

Start at: 2018-03-27 21:33:54
End at: 2018-03-27 21:34:24
Local clock offset: 9.374 ms
Remote clock offset: -7.921 ms

Below is generated by plot.py at 2018-03-27 22:42:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 25.87 Mbit/s
95th percentile per-packet one-way delay: 67.318 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 12.20 Mbit/s
95th percentile per-packet one-way delay: 67.256 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 13.92 Mbit/s
95th percentile per-packet one-way delay: 67.350 ms
Loss rate: 0.41%
-- Flow 3:
Average throughput: 13.29 Mbit/s
95th percentile per-packet one-way delay: 67.438 ms
Loss rate: 0.73%

Run 9: Report of TCP Vegas — Data Link

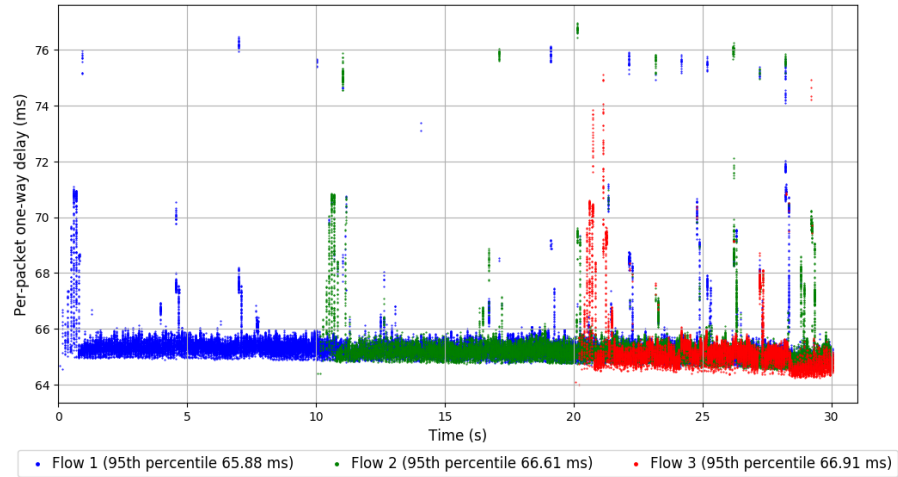
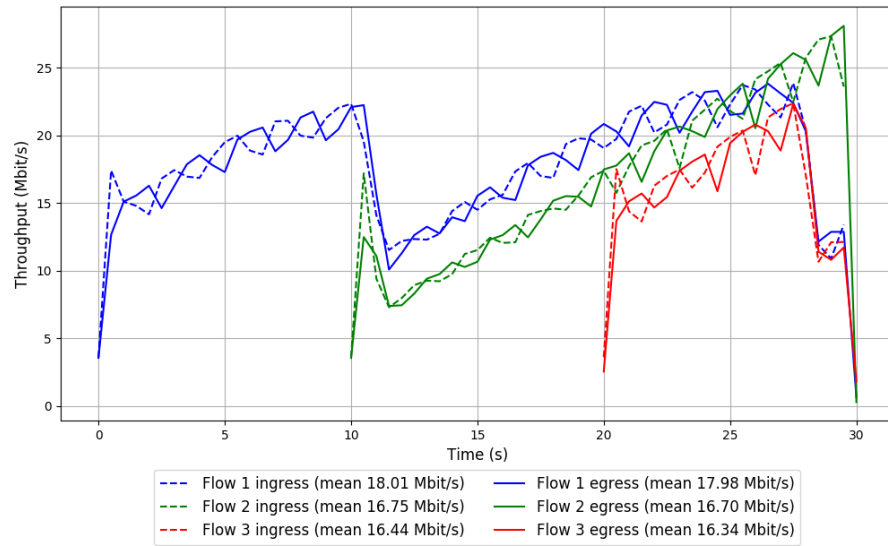


Run 10: Statistics of TCP Vegas

Start at: 2018-03-27 21:57:22
End at: 2018-03-27 21:57:52
Local clock offset: 7.301 ms
Remote clock offset: -7.349 ms

Below is generated by plot.py at 2018-03-27 22:42:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 34.52 Mbit/s
95th percentile per-packet one-way delay: 66.186 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 17.98 Mbit/s
95th percentile per-packet one-way delay: 65.884 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 16.70 Mbit/s
95th percentile per-packet one-way delay: 66.610 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 16.34 Mbit/s
95th percentile per-packet one-way delay: 66.909 ms
Loss rate: 0.59%

Run 10: Report of TCP Vegas — Data Link

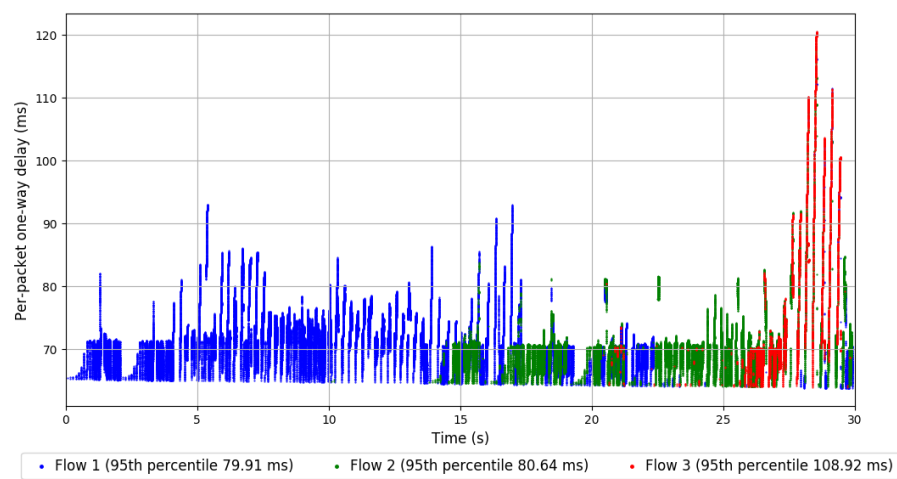
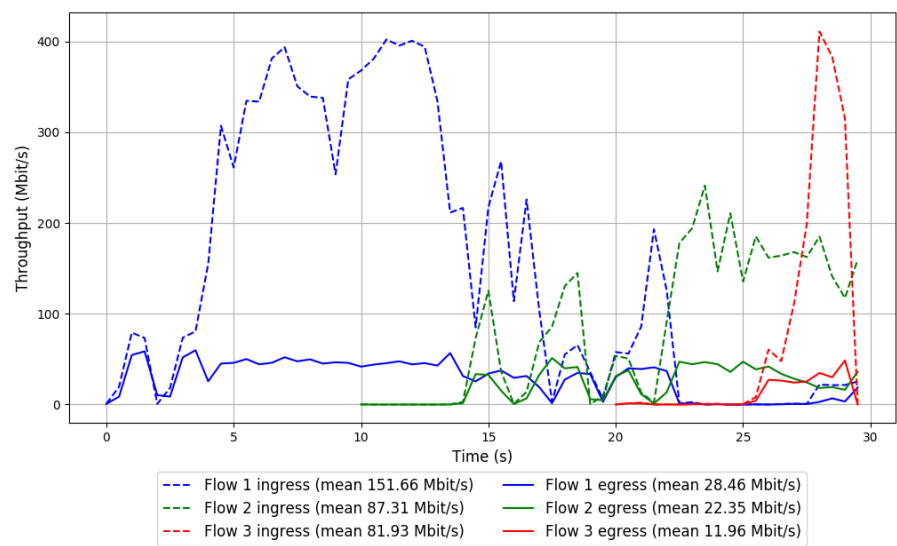


Run 1: Statistics of Verus

Start at: 2018-03-27 18:33:21
End at: 2018-03-27 18:33:51
Local clock offset: 8.194 ms
Remote clock offset: -8.326 ms

Below is generated by plot.py at 2018-03-27 22:42:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 47.05 Mbit/s
95th percentile per-packet one-way delay: 83.555 ms
Loss rate: 80.01%
-- Flow 1:
Average throughput: 28.46 Mbit/s
95th percentile per-packet one-way delay: 79.909 ms
Loss rate: 81.23%
-- Flow 2:
Average throughput: 22.35 Mbit/s
95th percentile per-packet one-way delay: 80.637 ms
Loss rate: 74.40%
-- Flow 3:
Average throughput: 11.96 Mbit/s
95th percentile per-packet one-way delay: 108.919 ms
Loss rate: 85.40%

Run 1: Report of Verus — Data Link

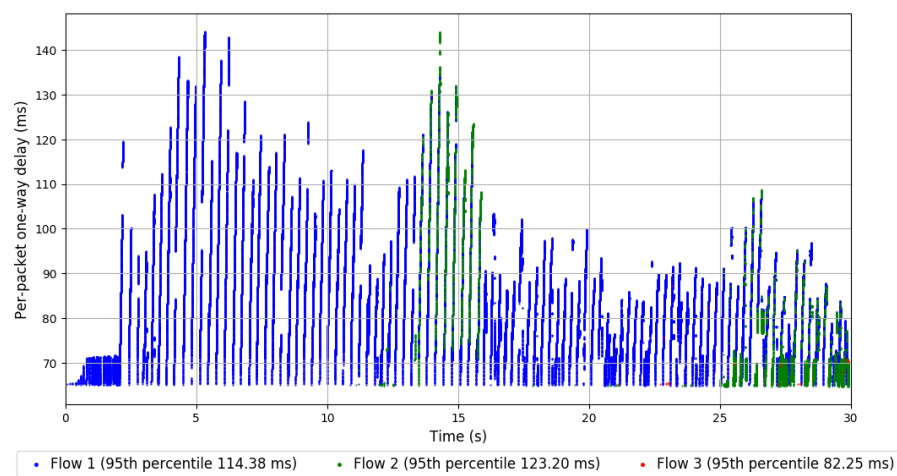
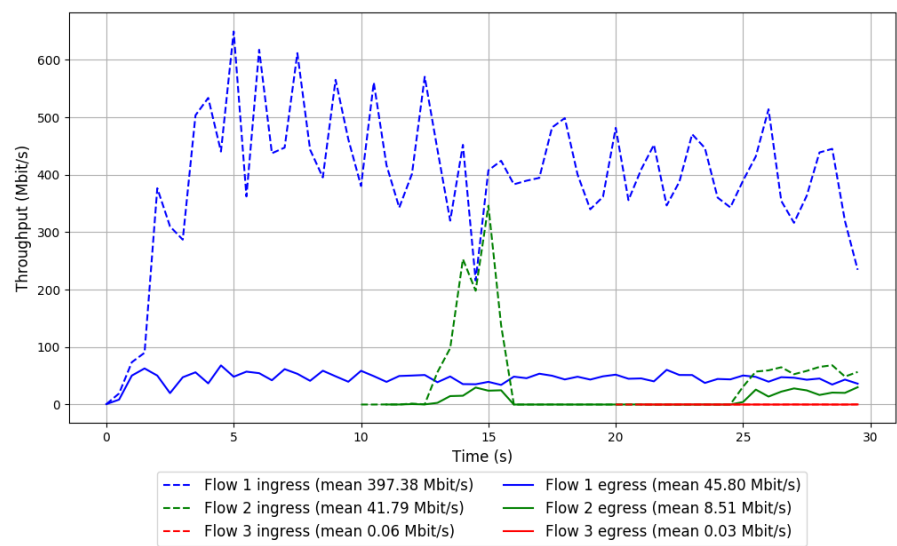


Run 2: Statistics of Verus

Start at: 2018-03-27 18:56:24
End at: 2018-03-27 18:56:54
Local clock offset: 15.966 ms
Remote clock offset: 28.157 ms

Below is generated by plot.py at 2018-03-27 22:43:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 51.08 Mbit/s
95th percentile per-packet one-way delay: 115.445 ms
Loss rate: 87.96%
-- Flow 1:
Average throughput: 45.80 Mbit/s
95th percentile per-packet one-way delay: 114.375 ms
Loss rate: 88.47%
-- Flow 2:
Average throughput: 8.51 Mbit/s
95th percentile per-packet one-way delay: 123.203 ms
Loss rate: 80.65%
-- Flow 3:
Average throughput: 0.03 Mbit/s
95th percentile per-packet one-way delay: 82.254 ms
Loss rate: 49.02%

Run 2: Report of Verus — Data Link

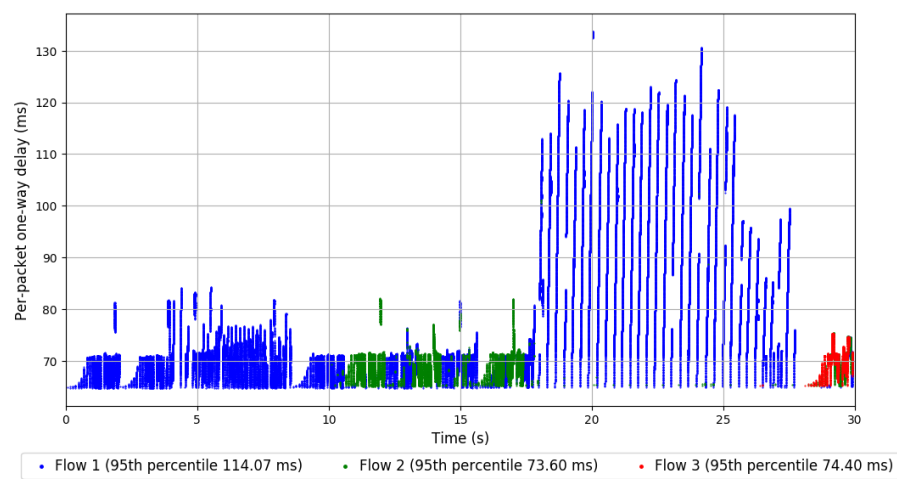
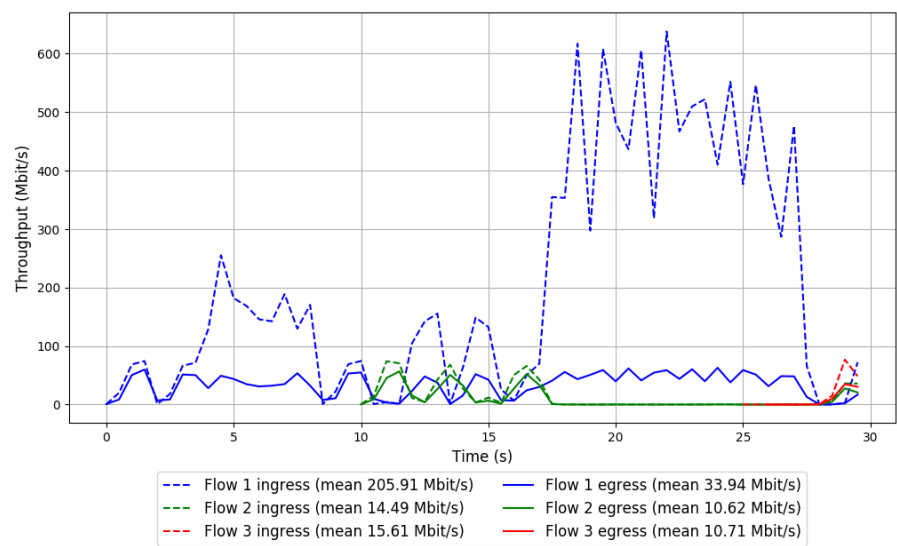


Run 3: Statistics of Verus

Start at: 2018-03-27 19:19:27
End at: 2018-03-27 19:19:57
Local clock offset: 1.229 ms
Remote clock offset: 11.775 ms

Below is generated by plot.py at 2018-03-27 22:43:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 42.23 Mbit/s
95th percentile per-packet one-way delay: 112.341 ms
Loss rate: 80.61%
-- Flow 1:
Average throughput: 33.94 Mbit/s
95th percentile per-packet one-way delay: 114.069 ms
Loss rate: 83.51%
-- Flow 2:
Average throughput: 10.62 Mbit/s
95th percentile per-packet one-way delay: 73.604 ms
Loss rate: 26.71%
-- Flow 3:
Average throughput: 10.71 Mbit/s
95th percentile per-packet one-way delay: 74.399 ms
Loss rate: 46.48%

Run 3: Report of Verus — Data Link

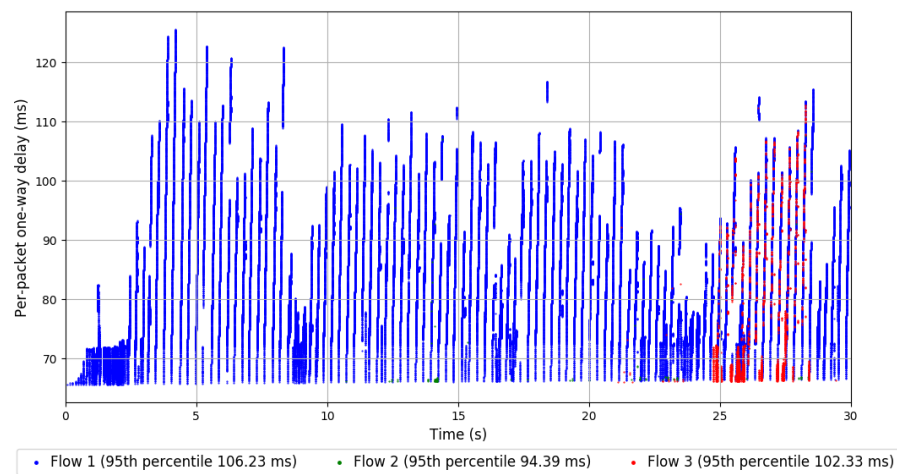
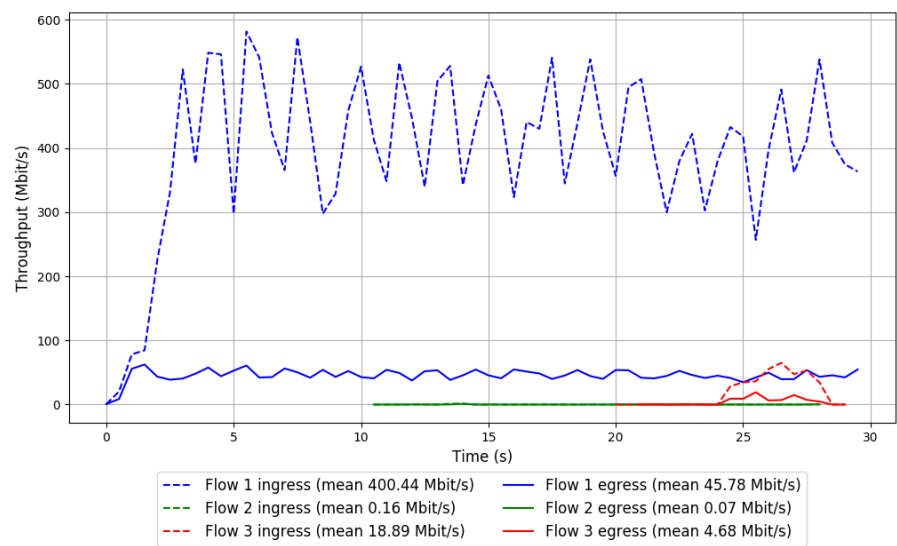


Run 4: Statistics of Verus

Start at: 2018-03-27 19:42:52
End at: 2018-03-27 19:43:22
Local clock offset: -2.333 ms
Remote clock offset: 3.43 ms

Below is generated by plot.py at 2018-03-27 22:43:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 47.12 Mbit/s
95th percentile per-packet one-way delay: 106.117 ms
Loss rate: 88.40%
-- Flow 1:
Average throughput: 45.78 Mbit/s
95th percentile per-packet one-way delay: 106.231 ms
Loss rate: 88.56%
-- Flow 2:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 94.392 ms
Loss rate: 55.19%
-- Flow 3:
Average throughput: 4.68 Mbit/s
95th percentile per-packet one-way delay: 102.327 ms
Loss rate: 78.14%

Run 4: Report of Verus — Data Link

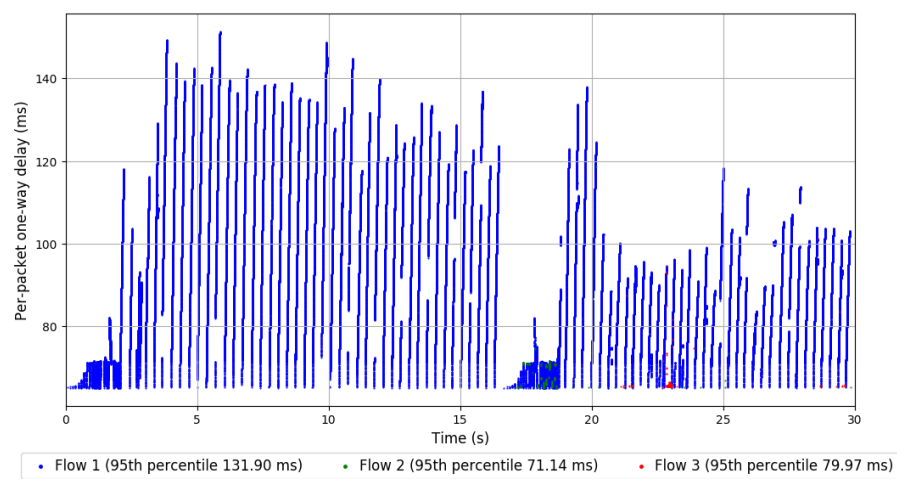
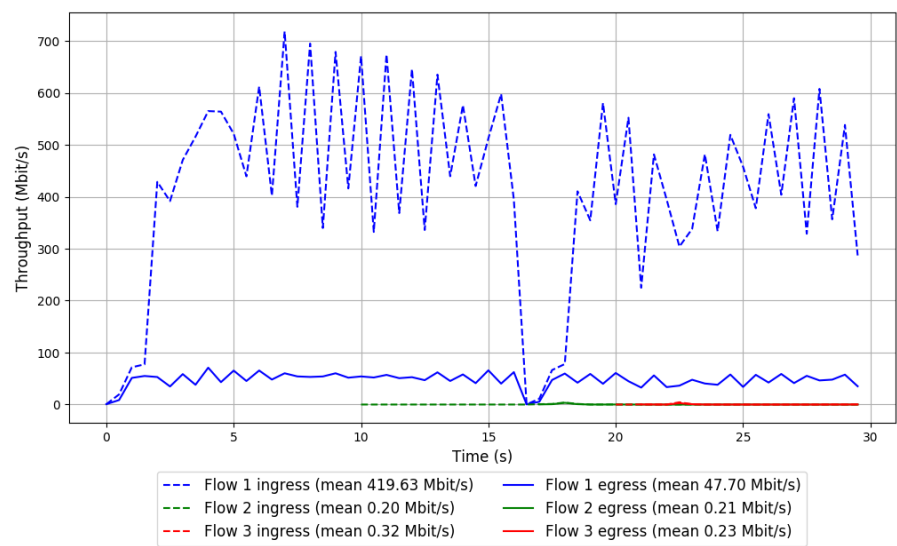


Run 5: Statistics of Verus

Start at: 2018-03-27 20:06:05
End at: 2018-03-27 20:06:35
Local clock offset: -4.9 ms
Remote clock offset: -17.529 ms

Below is generated by plot.py at 2018-03-27 22:43:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 47.78 Mbit/s
95th percentile per-packet one-way delay: 131.866 ms
Loss rate: 88.59%
-- Flow 1:
Average throughput: 47.70 Mbit/s
95th percentile per-packet one-way delay: 131.903 ms
Loss rate: 88.62%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 71.136 ms
Loss rate: 32.25%
-- Flow 3:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 79.967 ms
Loss rate: 37.55%

Run 5: Report of Verus — Data Link

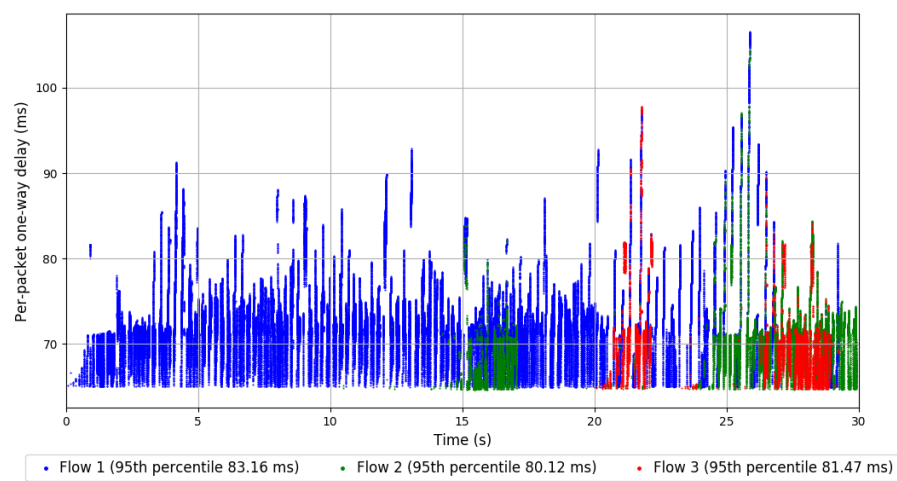
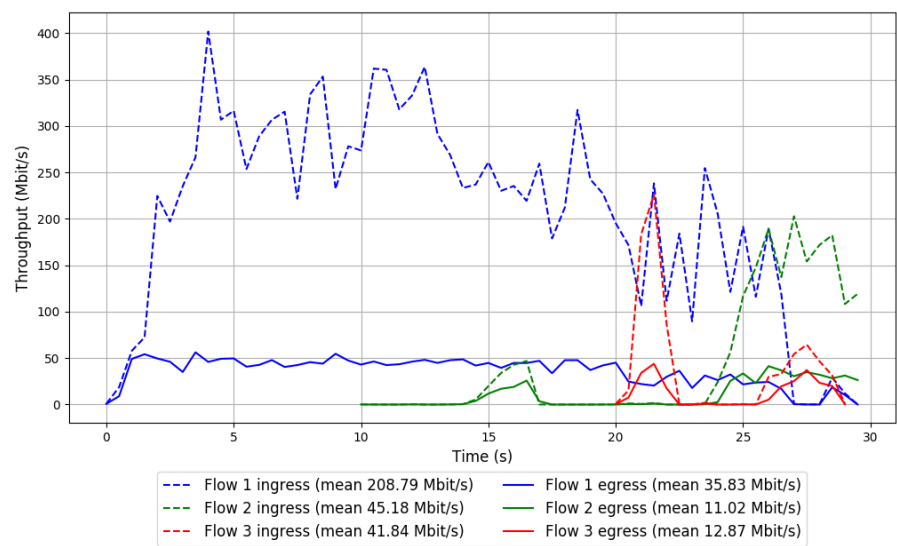


Run 6: Statistics of Verus

Start at: 2018-03-27 20:29:42
End at: 2018-03-27 20:30:12
Local clock offset: -3.197 ms
Remote clock offset: -10.919 ms

Below is generated by plot.py at 2018-03-27 22:43:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 46.92 Mbit/s
95th percentile per-packet one-way delay: 82.234 ms
Loss rate: 81.30%
-- Flow 1:
Average throughput: 35.83 Mbit/s
95th percentile per-packet one-way delay: 83.159 ms
Loss rate: 82.83%
-- Flow 2:
Average throughput: 11.02 Mbit/s
95th percentile per-packet one-way delay: 80.116 ms
Loss rate: 75.61%
-- Flow 3:
Average throughput: 12.87 Mbit/s
95th percentile per-packet one-way delay: 81.473 ms
Loss rate: 69.60%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2018-03-27 20:52:55

End at: 2018-03-27 20:53:25

Local clock offset: -2.924 ms

Remote clock offset: -9.89 ms

Below is generated by plot.py at 2018-03-27 22:43:34

Datalink statistics

-- Total of 3 flows:

Average throughput: 41.64 Mbit/s

95th percentile per-packet one-way delay: 89.911 ms

Loss rate: 78.39%

-- Flow 1:

Average throughput: 38.38 Mbit/s

95th percentile per-packet one-way delay: 90.632 ms

Loss rate: 79.60%

-- Flow 2:

Average throughput: 4.30 Mbit/s

95th percentile per-packet one-way delay: 78.811 ms

Loss rate: 30.81%

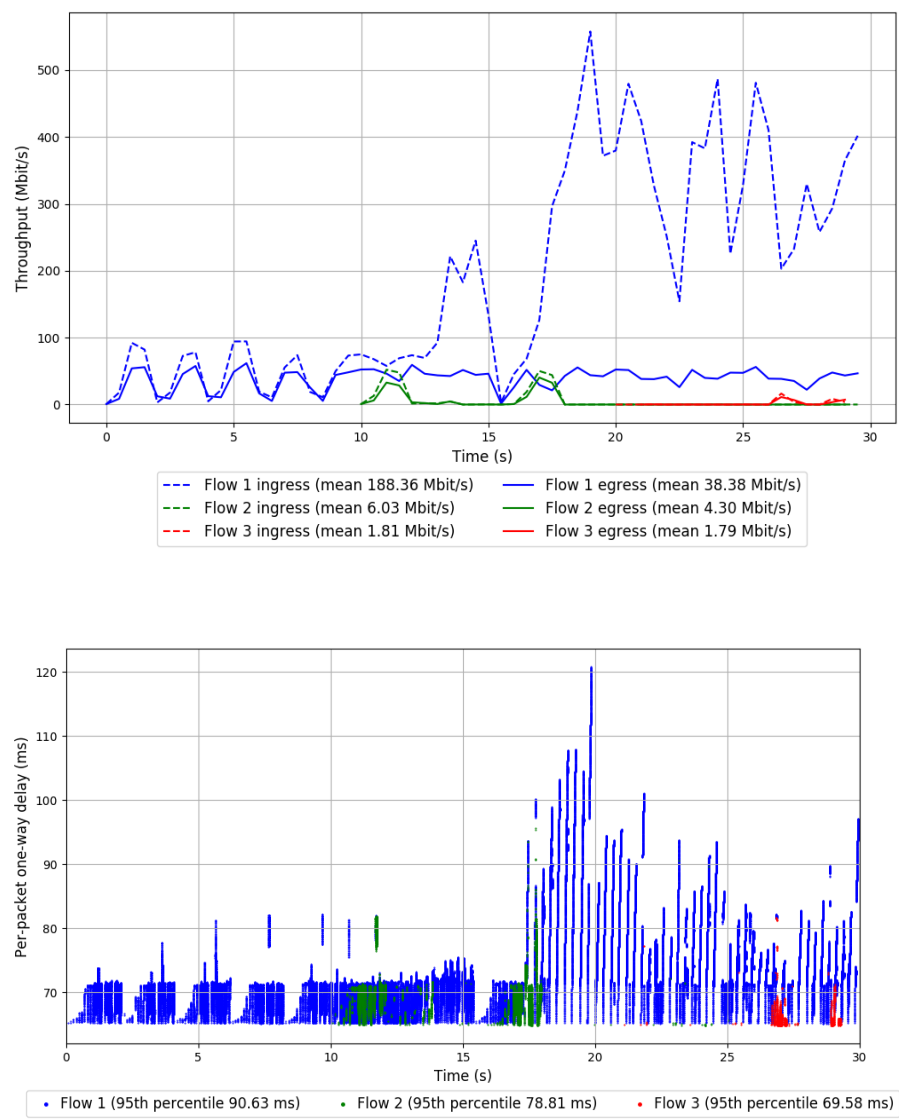
-- Flow 3:

Average throughput: 1.79 Mbit/s

95th percentile per-packet one-way delay: 69.584 ms

Loss rate: 13.24%

Run 7: Report of Verus — Data Link

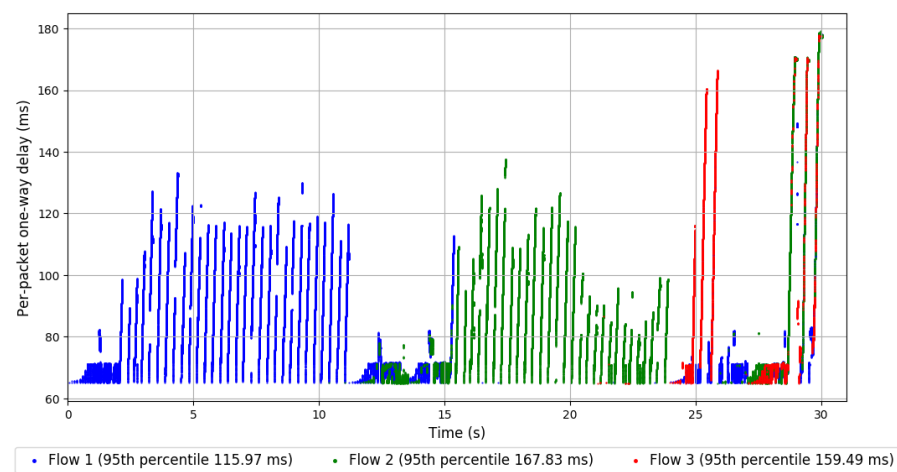
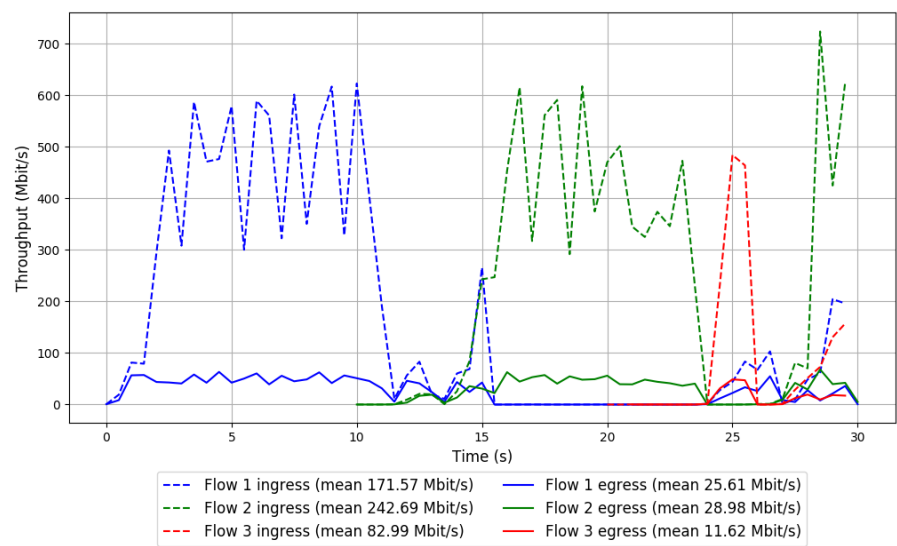


Run 8: Statistics of Verus

Start at: 2018-03-27 21:15:53
End at: 2018-03-27 21:16:23
Local clock offset: -2.901 ms
Remote clock offset: -9.287 ms

Below is generated by plot.py at 2018-03-27 22:44:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.06 Mbit/s
95th percentile per-packet one-way delay: 135.338 ms
Loss rate: 86.51%
-- Flow 1:
Average throughput: 25.61 Mbit/s
95th percentile per-packet one-way delay: 115.975 ms
Loss rate: 85.01%
-- Flow 2:
Average throughput: 28.98 Mbit/s
95th percentile per-packet one-way delay: 167.831 ms
Loss rate: 87.99%
-- Flow 3:
Average throughput: 11.62 Mbit/s
95th percentile per-packet one-way delay: 159.492 ms
Loss rate: 87.26%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: 2018-03-27 21:38:47

End at: 2018-03-27 21:39:17

Local clock offset: 10.702 ms

Remote clock offset: -7.525 ms

Run 9: Report of Verus — Data Link

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Figure is missing

Run 10: Statistics of Verus

Start at: 2018-03-27 22:02:15

End at: 2018-03-27 22:02:45

Local clock offset: 4.762 ms

Remote clock offset: -3.08 ms

Below is generated by plot.py at 2018-03-27 22:44:08

Datalink statistics

-- Total of 3 flows:

Average throughput: 34.10 Mbit/s

95th percentile per-packet one-way delay: 116.478 ms

Loss rate: 84.17%

-- Flow 1:

Average throughput: 26.36 Mbit/s

95th percentile per-packet one-way delay: 119.465 ms

Loss rate: 86.55%

-- Flow 2:

Average throughput: 11.65 Mbit/s

95th percentile per-packet one-way delay: 72.947 ms

Loss rate: 60.24%

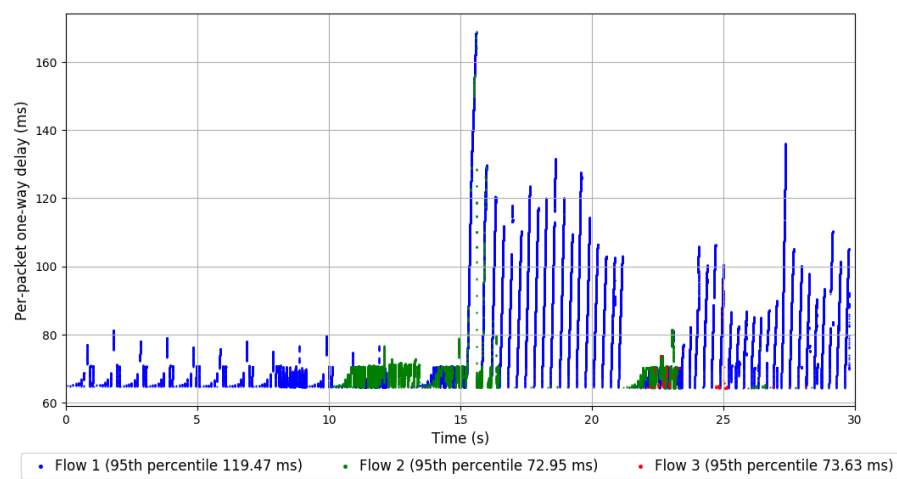
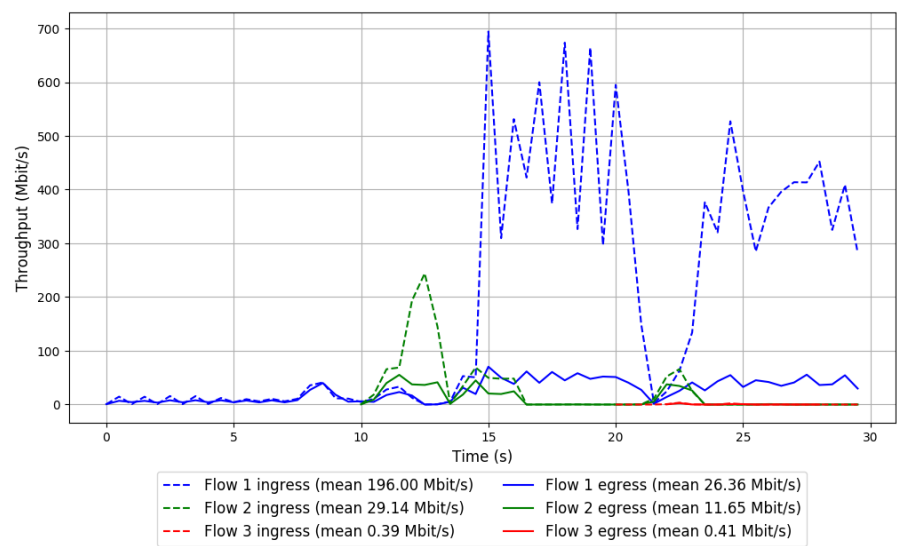
-- Flow 3:

Average throughput: 0.41 Mbit/s

95th percentile per-packet one-way delay: 73.634 ms

Loss rate: 34.28%

Run 10: Report of Verus — Data Link



Run 1: Statistics of Copa

Start at: 2018-03-27 18:38:32

End at: 2018-03-27 18:39:02

Local clock offset: 11.018 ms

Remote clock offset: 6.069 ms

Below is generated by plot.py at 2018-03-27 22:49:31

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.18 Mbit/s

95th percentile per-packet one-way delay: 194.870 ms

Loss rate: 89.78%

-- Flow 1:

Average throughput: 91.18 Mbit/s

95th percentile per-packet one-way delay: 194.870 ms

Loss rate: 89.78%

-- Flow 2:

Average throughput: 0.00 Mbit/s

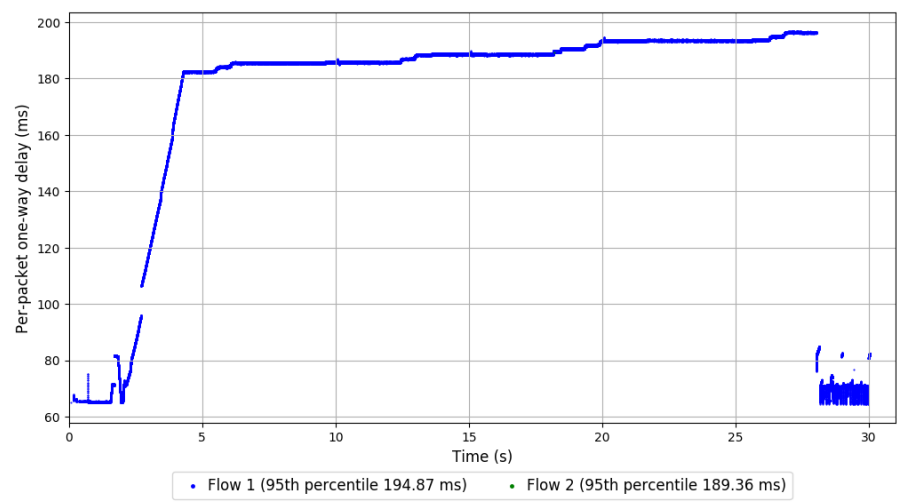
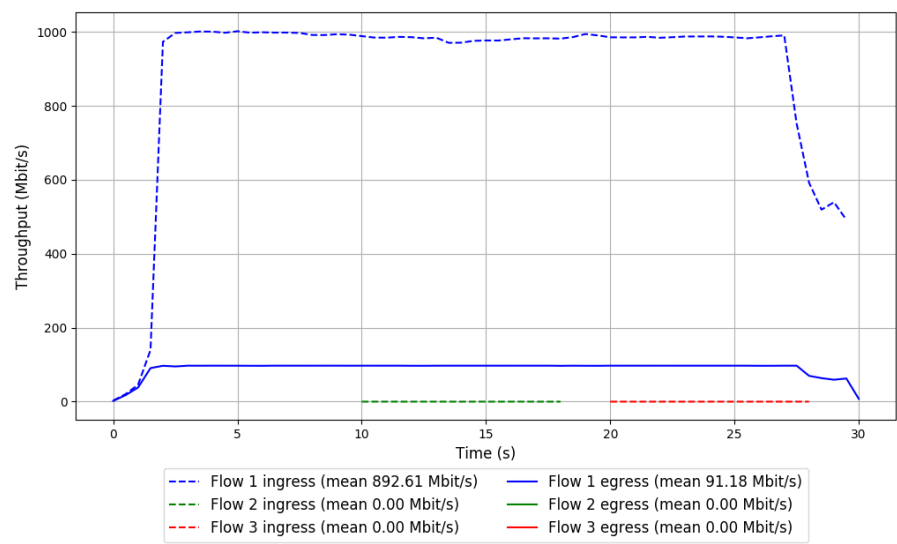
95th percentile per-packet one-way delay: 189.362 ms

Loss rate: 80.00%

-- Flow 3:

Average throughput: 0.00 Mbit/s

Run 1: Report of Copa — Data Link

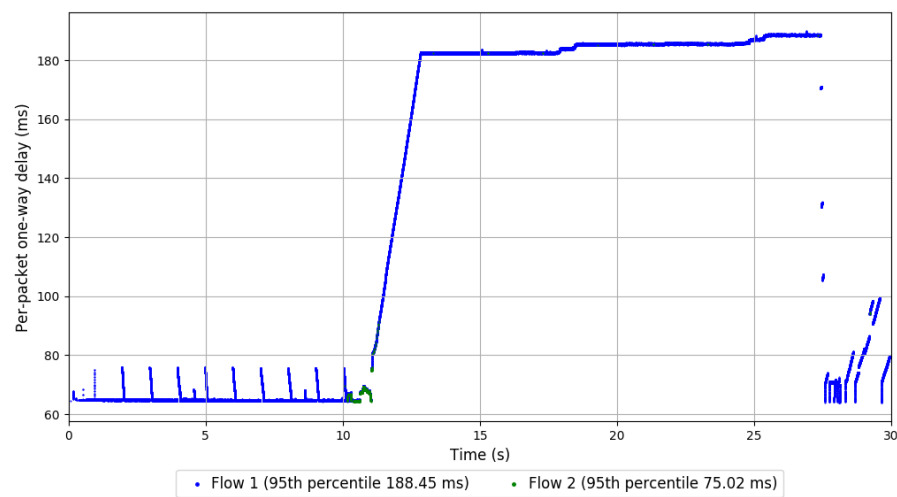
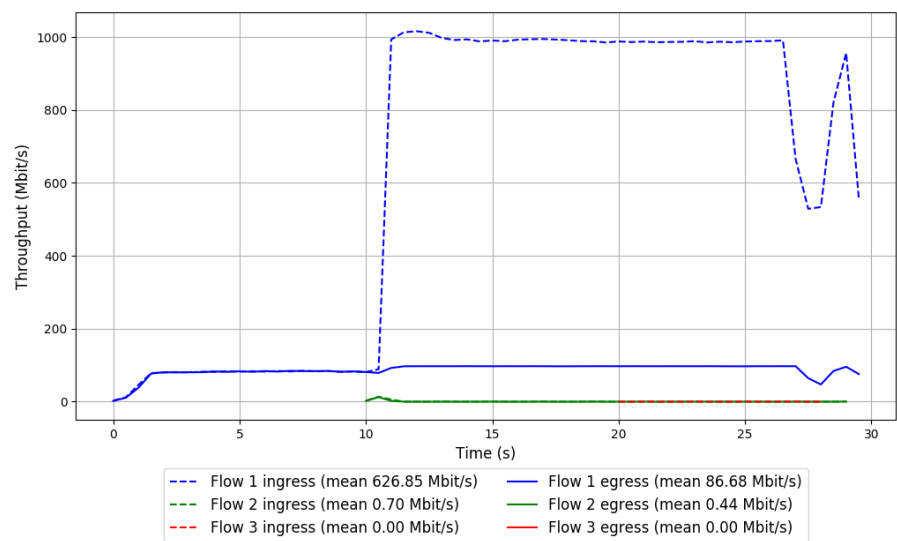


Run 2: Statistics of Copa

Start at: 2018-03-27 19:01:42
End at: 2018-03-27 19:02:12
Local clock offset: 14.399 ms
Remote clock offset: 31.738 ms

Below is generated by plot.py at 2018-03-27 22:49:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.96 Mbit/s
95th percentile per-packet one-way delay: 188.446 ms
Loss rate: 86.13%
-- Flow 1:
Average throughput: 86.68 Mbit/s
95th percentile per-packet one-way delay: 188.448 ms
Loss rate: 86.17%
-- Flow 2:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 75.016 ms
Loss rate: 37.21%
-- Flow 3:
Average throughput: 0.00 Mbit/s

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2018-03-27 19:24:50

End at: 2018-03-27 19:25:20

Local clock offset: -0.315 ms

Remote clock offset: 8.73 ms

Below is generated by plot.py at 2018-03-27 22:49:31

Datalink statistics

-- Total of 3 flows:

Average throughput: 89.06 Mbit/s

95th percentile per-packet one-way delay: 90.325 ms

Loss rate: 84.51%

-- Flow 1:

Average throughput: 88.62 Mbit/s

95th percentile per-packet one-way delay: 90.326 ms

Loss rate: 84.57%

-- Flow 2:

Average throughput: 0.66 Mbit/s

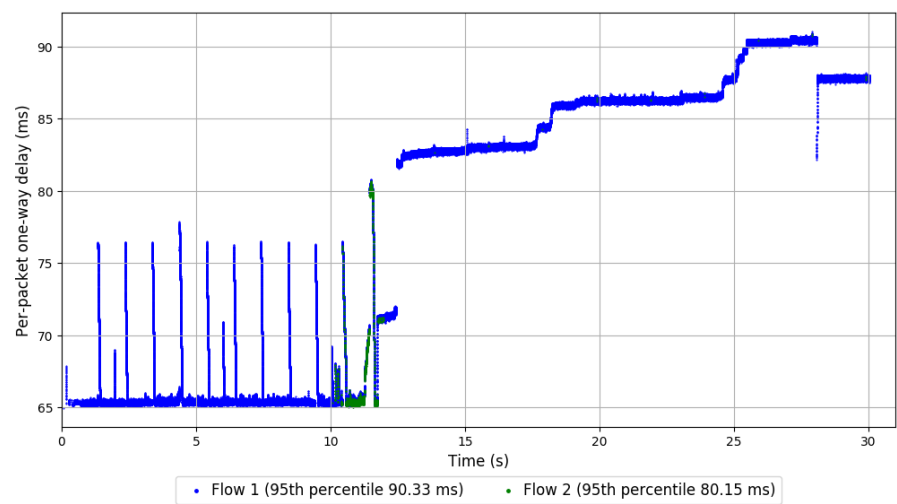
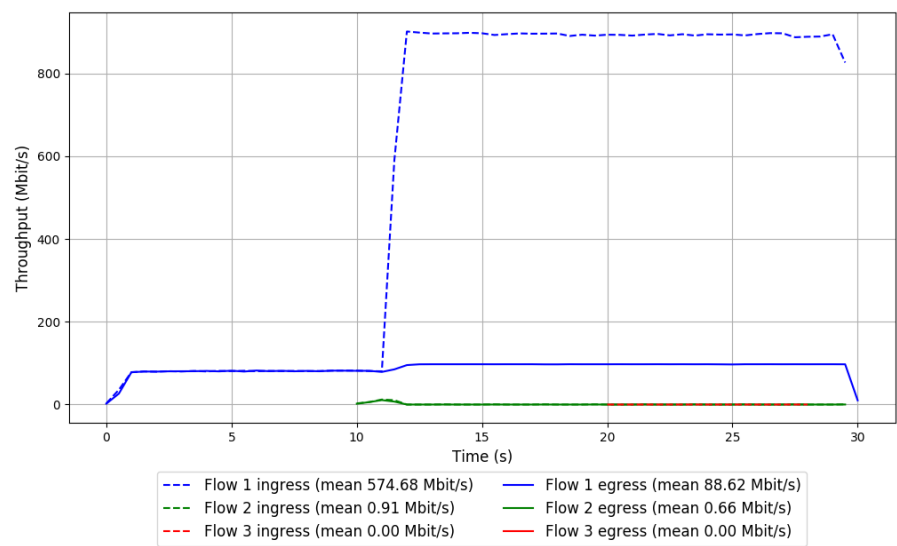
95th percentile per-packet one-way delay: 80.152 ms

Loss rate: 27.46%

-- Flow 3:

Average throughput: 0.00 Mbit/s

Run 3: Report of Copa — Data Link

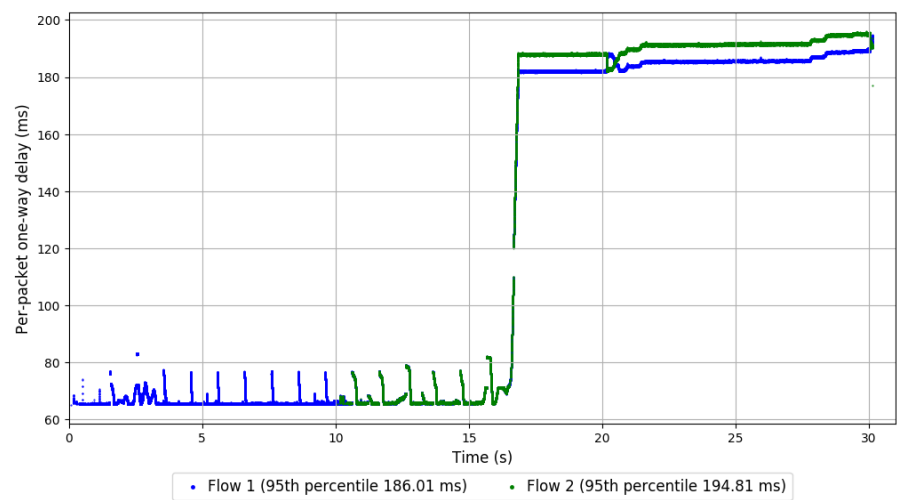
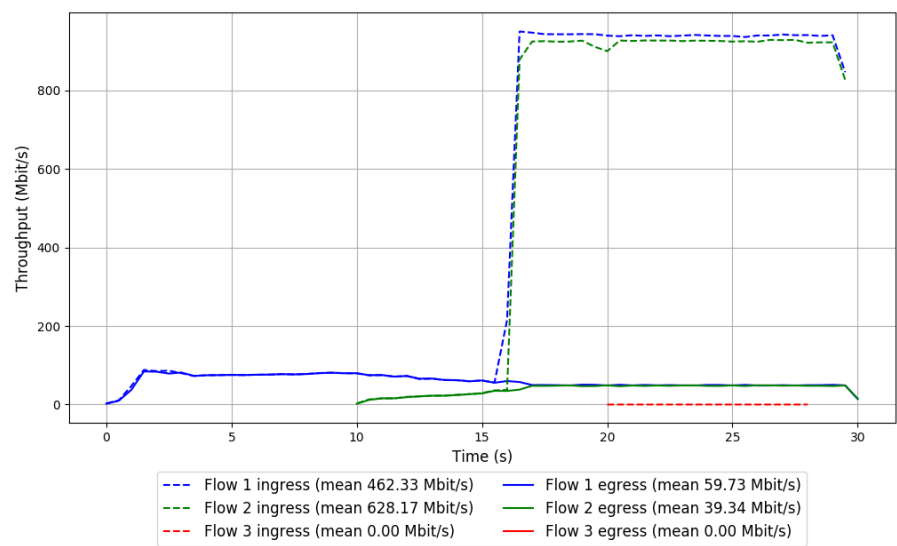


Run 4: Statistics of Copa

Start at: 2018-03-27 19:48:09
End at: 2018-03-27 19:48:39
Local clock offset: -2.645 ms
Remote clock offset: -5.016 ms

Below is generated by plot.py at 2018-03-27 22:50:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.98 Mbit/s
95th percentile per-packet one-way delay: 191.684 ms
Loss rate: 90.20%
-- Flow 1:
Average throughput: 59.73 Mbit/s
95th percentile per-packet one-way delay: 186.014 ms
Loss rate: 87.03%
-- Flow 2:
Average throughput: 39.34 Mbit/s
95th percentile per-packet one-way delay: 194.810 ms
Loss rate: 93.70%
-- Flow 3:
Average throughput: 0.00 Mbit/s

Run 4: Report of Copa — Data Link

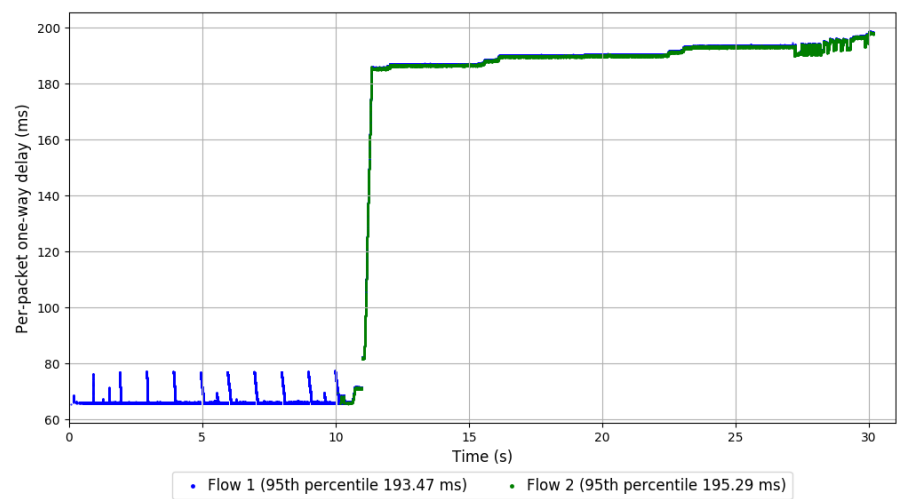
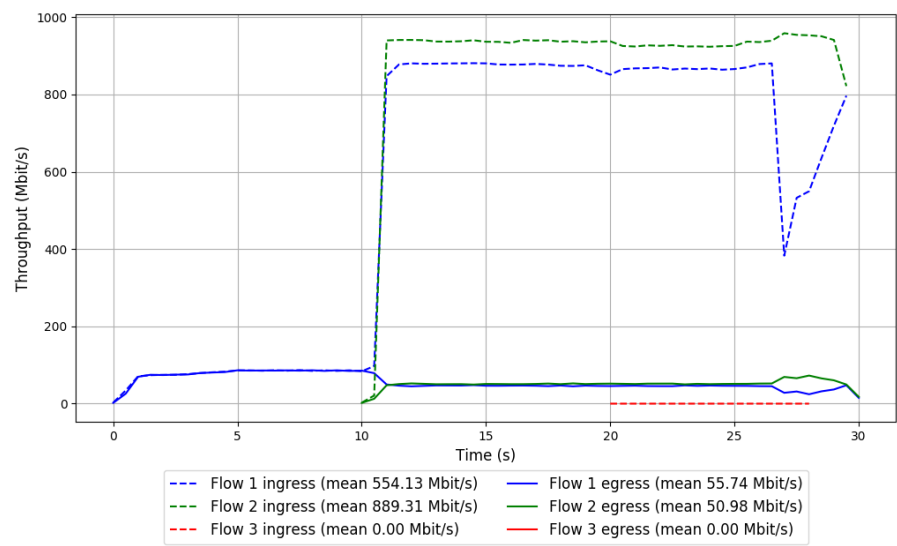


Run 5: Statistics of Copa

Start at: 2018-03-27 20:11:22
End at: 2018-03-27 20:11:52
Local clock offset: -4.45 ms
Remote clock offset: -19.498 ms

Below is generated by plot.py at 2018-03-27 22:52:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.75 Mbit/s
95th percentile per-packet one-way delay: 193.625 ms
Loss rate: 92.14%
-- Flow 1:
Average throughput: 55.74 Mbit/s
95th percentile per-packet one-way delay: 193.466 ms
Loss rate: 89.90%
-- Flow 2:
Average throughput: 50.98 Mbit/s
95th percentile per-packet one-way delay: 195.289 ms
Loss rate: 94.23%
-- Flow 3:
Average throughput: 0.00 Mbit/s

Run 5: Report of Copa — Data Link

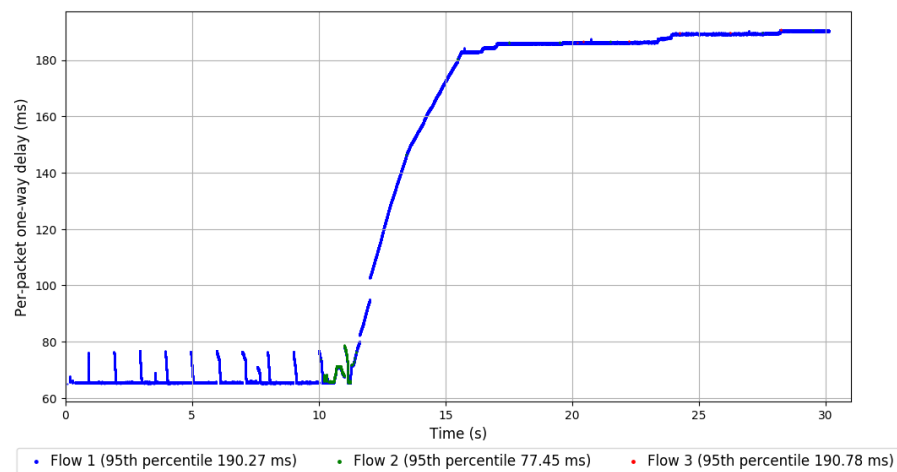
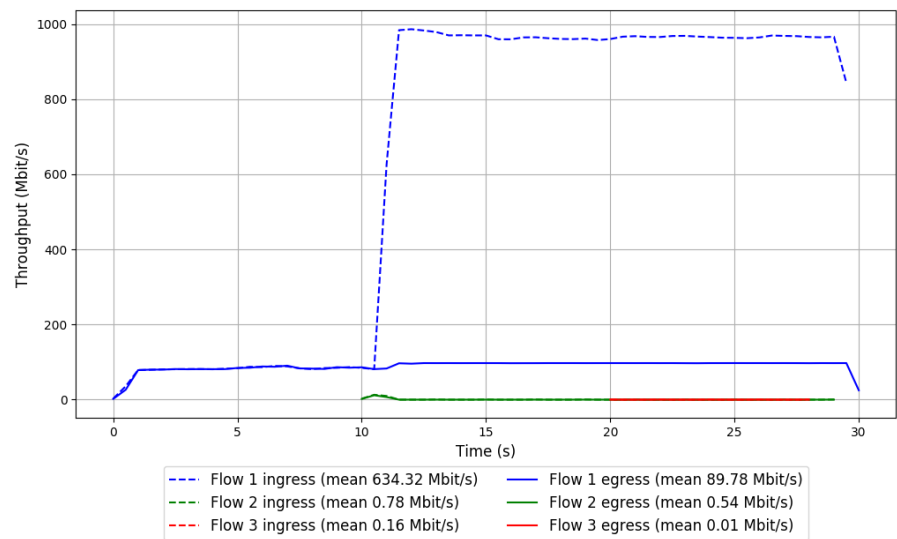


Run 6: Statistics of Copa

Start at: 2018-03-27 20:34:50
End at: 2018-03-27 20:35:20
Local clock offset: -3.924 ms
Remote clock offset: -10.209 ms

Below is generated by plot.py at 2018-03-27 22:52:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.13 Mbit/s
95th percentile per-packet one-way delay: 190.264 ms
Loss rate: 85.74%
-- Flow 1:
Average throughput: 89.78 Mbit/s
95th percentile per-packet one-way delay: 190.267 ms
Loss rate: 85.79%
-- Flow 2:
Average throughput: 0.54 Mbit/s
95th percentile per-packet one-way delay: 77.455 ms
Loss rate: 30.56%
-- Flow 3:
Average throughput: 0.01 Mbit/s
95th percentile per-packet one-way delay: 190.785 ms
Loss rate: 91.46%

Run 6: Report of Copa — Data Link

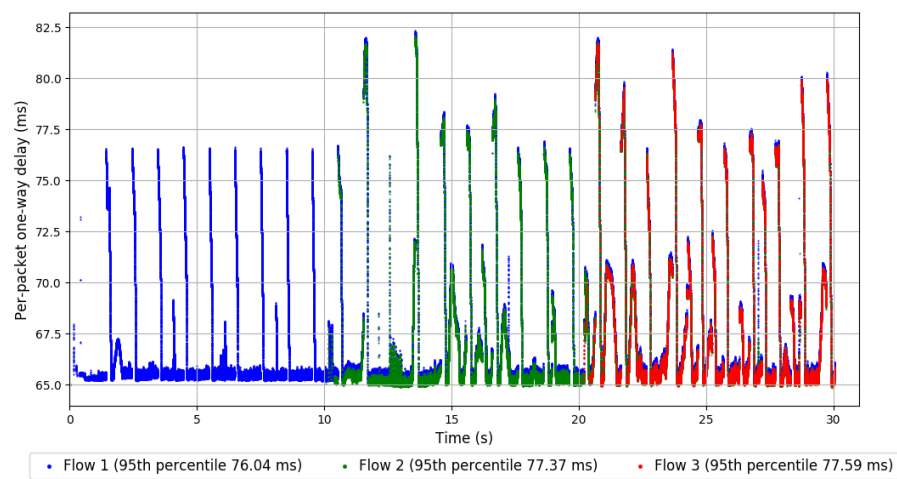
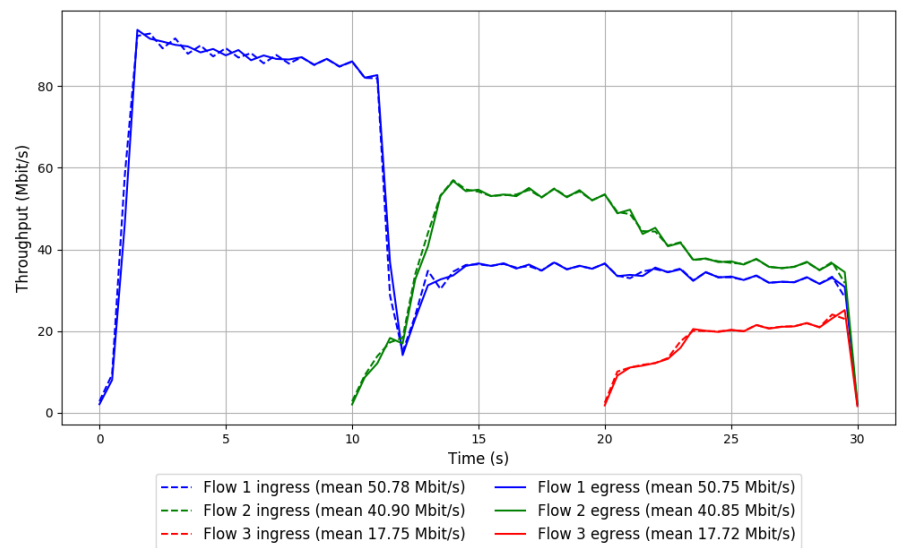


Run 7: Statistics of Copa

Start at: 2018-03-27 20:58:16
End at: 2018-03-27 20:58:46
Local clock offset: -2.782 ms
Remote clock offset: -9.289 ms

```
# Below is generated by plot.py at 2018-03-27 22:52:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.83 Mbit/s
95th percentile per-packet one-way delay: 76.836 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 50.75 Mbit/s
95th percentile per-packet one-way delay: 76.036 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 40.85 Mbit/s
95th percentile per-packet one-way delay: 77.372 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 17.72 Mbit/s
95th percentile per-packet one-way delay: 77.590 ms
Loss rate: 0.16%
```


Run 7: Report of Copa — Data Link

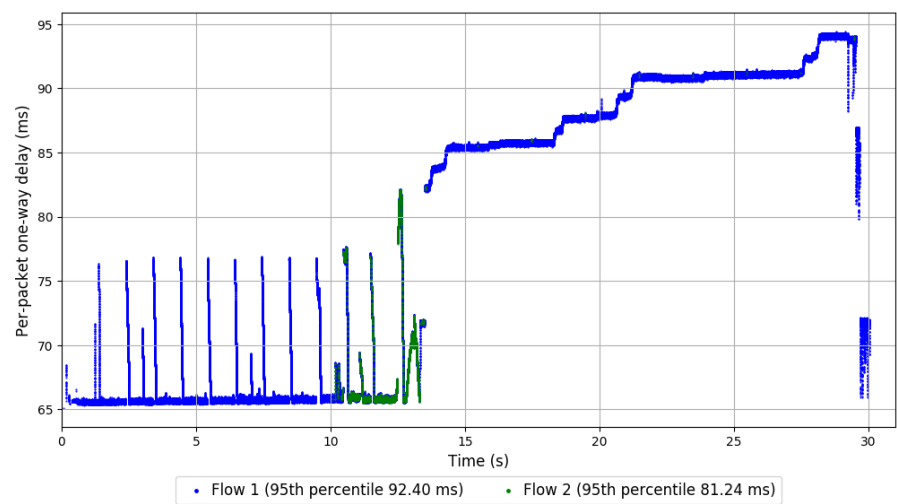
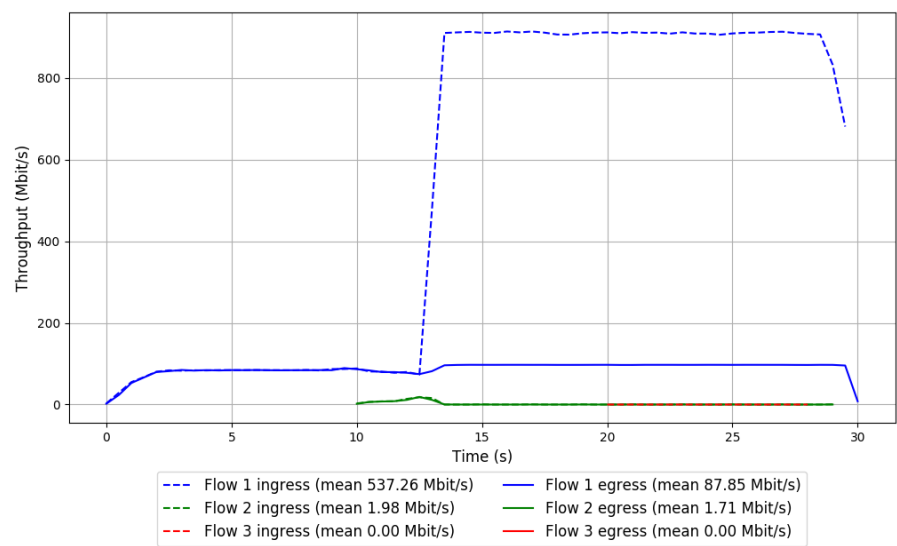


Run 8: Statistics of Copa

Start at: 2018-03-27 21:21:02
End at: 2018-03-27 21:21:32
Local clock offset: 2.261 ms
Remote clock offset: -9.399 ms

Below is generated by plot.py at 2018-03-27 22:52:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.95 Mbit/s
95th percentile per-packet one-way delay: 92.378 ms
Loss rate: 83.48%
-- Flow 1:
Average throughput: 87.85 Mbit/s
95th percentile per-packet one-way delay: 92.401 ms
Loss rate: 83.65%
-- Flow 2:
Average throughput: 1.71 Mbit/s
95th percentile per-packet one-way delay: 81.237 ms
Loss rate: 13.86%
-- Flow 3:
Average throughput: 0.00 Mbit/s

Run 8: Report of Copa — Data Link

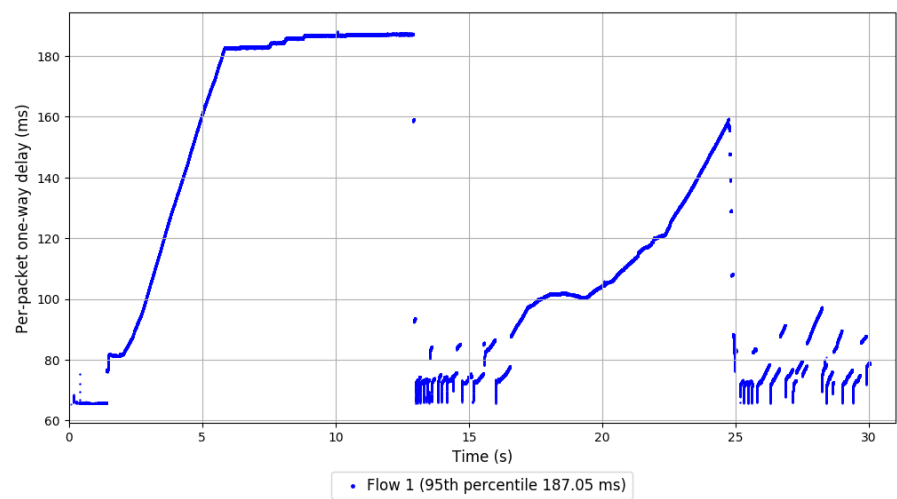
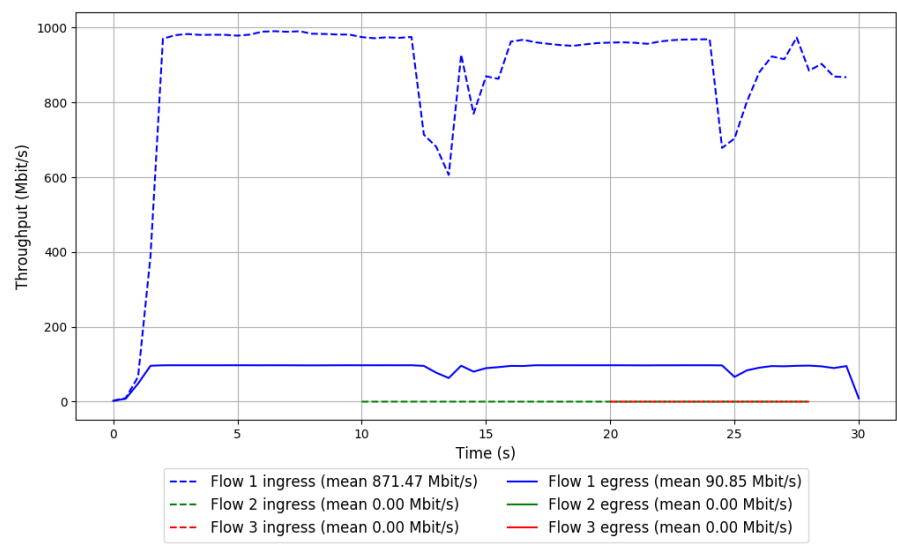


Run 9: Statistics of Copa

Start at: 2018-03-27 21:43:56
End at: 2018-03-27 21:44:26
Local clock offset: 11.761 ms
Remote clock offset: -7.368 ms

Below is generated by plot.py at 2018-03-27 22:52:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.85 Mbit/s
95th percentile per-packet one-way delay: 187.047 ms
Loss rate: 89.57%
-- Flow 1:
Average throughput: 90.85 Mbit/s
95th percentile per-packet one-way delay: 187.047 ms
Loss rate: 89.57%
-- Flow 2:
Average throughput: 0.00 Mbit/s
-- Flow 3:
Average throughput: 0.00 Mbit/s

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2018-03-27 22:07:22

End at: 2018-03-27 22:07:52

Local clock offset: 2.963 ms

Remote clock offset: 0.386 ms

Below is generated by plot.py at 2018-03-27 22:53:22

Datalink statistics

-- Total of 3 flows:

Average throughput: 86.08 Mbit/s

95th percentile per-packet one-way delay: 190.653 ms

Loss rate: 83.67%

-- Flow 1:

Average throughput: 83.36 Mbit/s

95th percentile per-packet one-way delay: 190.736 ms

Loss rate: 84.09%

-- Flow 2:

Average throughput: 4.30 Mbit/s

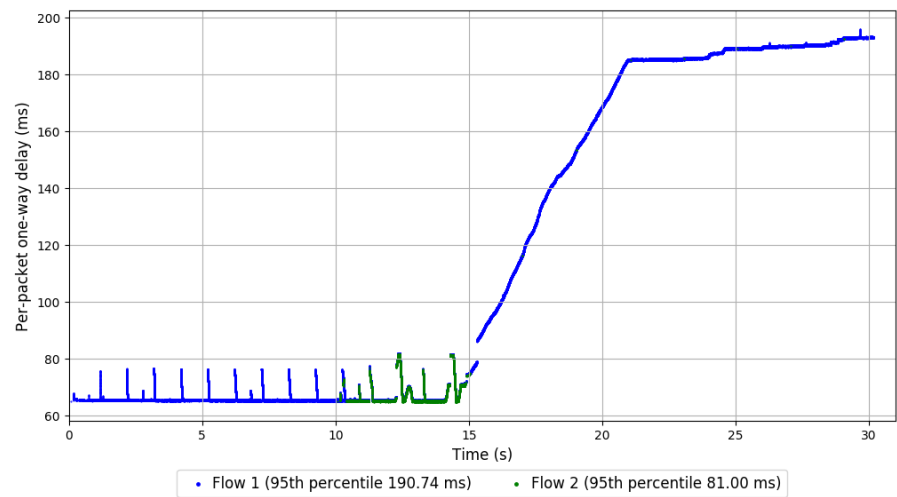
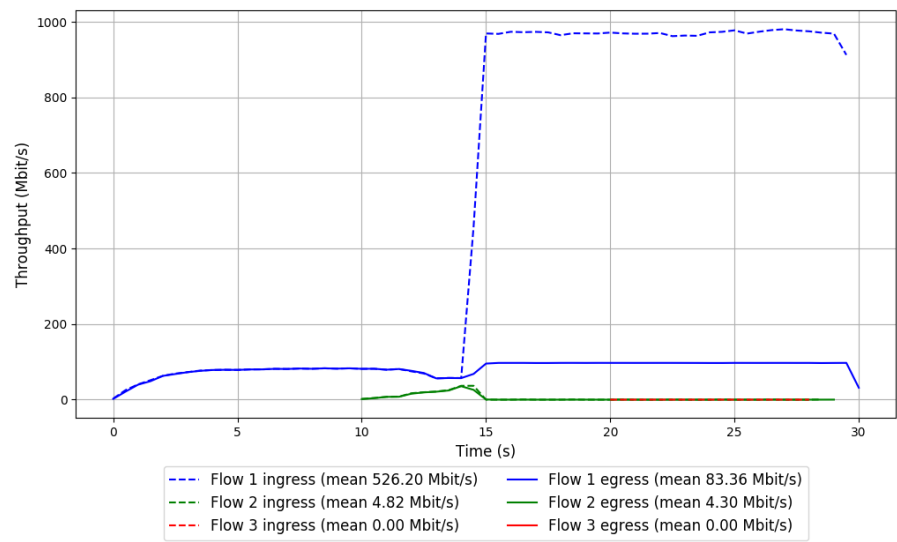
95th percentile per-packet one-way delay: 81.003 ms

Loss rate: 10.37%

-- Flow 3:

Average throughput: 0.00 Mbit/s

Run 10: Report of Copa — Data Link



Run 1: Statistics of FillP

Start at: 2018-03-27 18:37:15

End at: 2018-03-27 18:37:45

Local clock offset: 10.486 ms

Remote clock offset: 3.223 ms

Below is generated by plot.py at 2018-03-27 22:53:22

Datalink statistics

-- Total of 3 flows:

Average throughput: 92.51 Mbit/s

95th percentile per-packet one-way delay: 82.864 ms

Loss rate: 28.18%

-- Flow 1:

Average throughput: 53.35 Mbit/s

95th percentile per-packet one-way delay: 81.762 ms

Loss rate: 23.60%

-- Flow 2:

Average throughput: 38.11 Mbit/s

95th percentile per-packet one-way delay: 83.240 ms

Loss rate: 31.10%

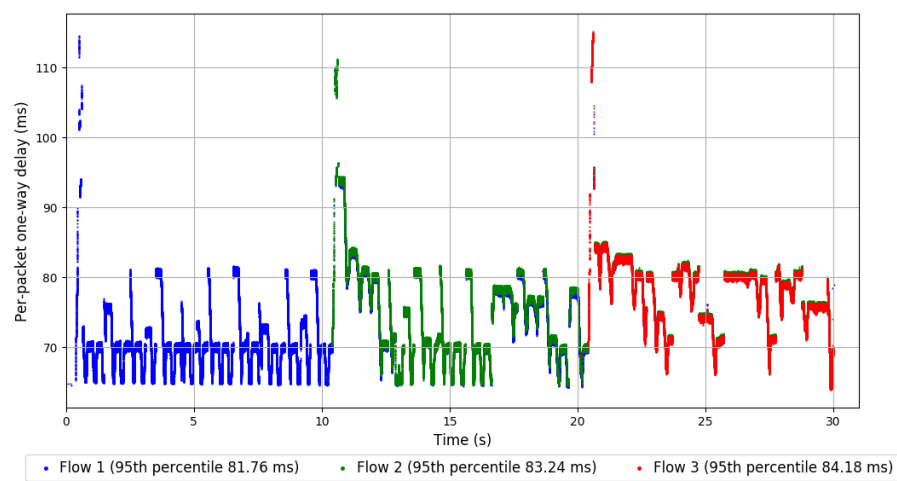
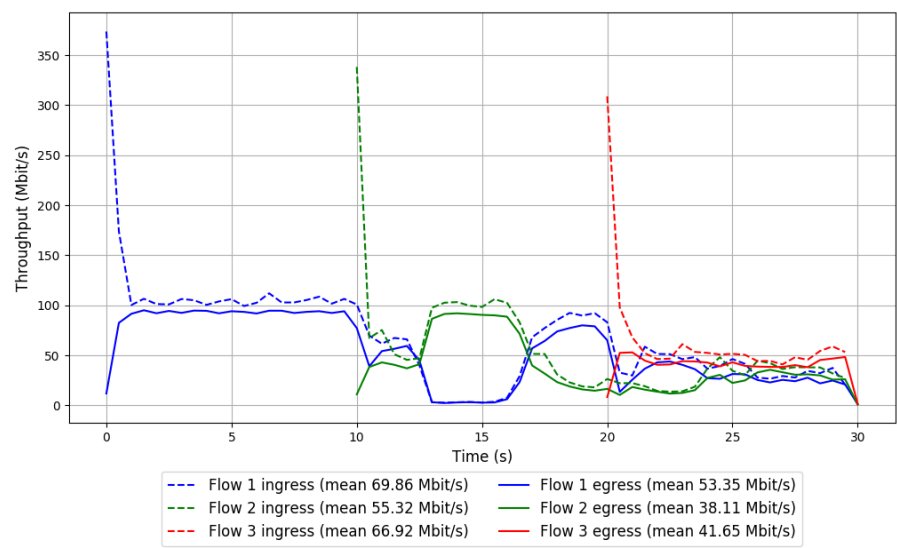
-- Flow 3:

Average throughput: 41.65 Mbit/s

95th percentile per-packet one-way delay: 84.180 ms

Loss rate: 37.75%

Run 1: Report of FillP — Data Link

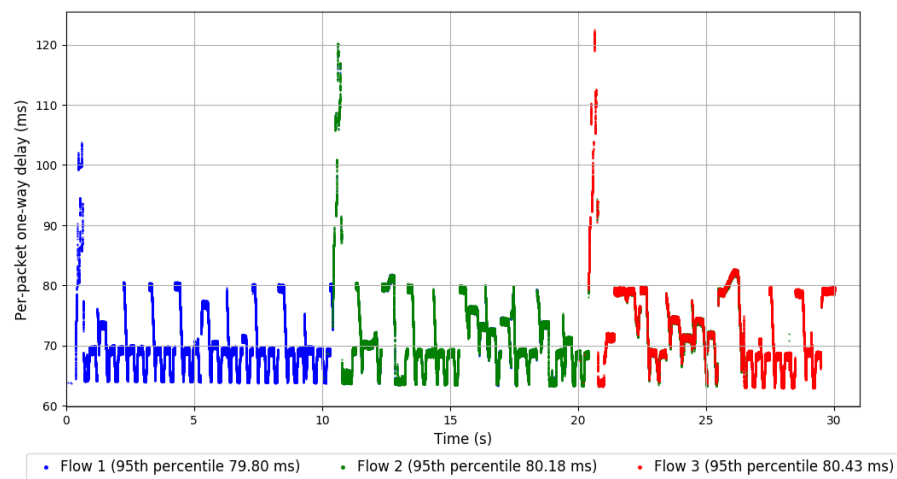
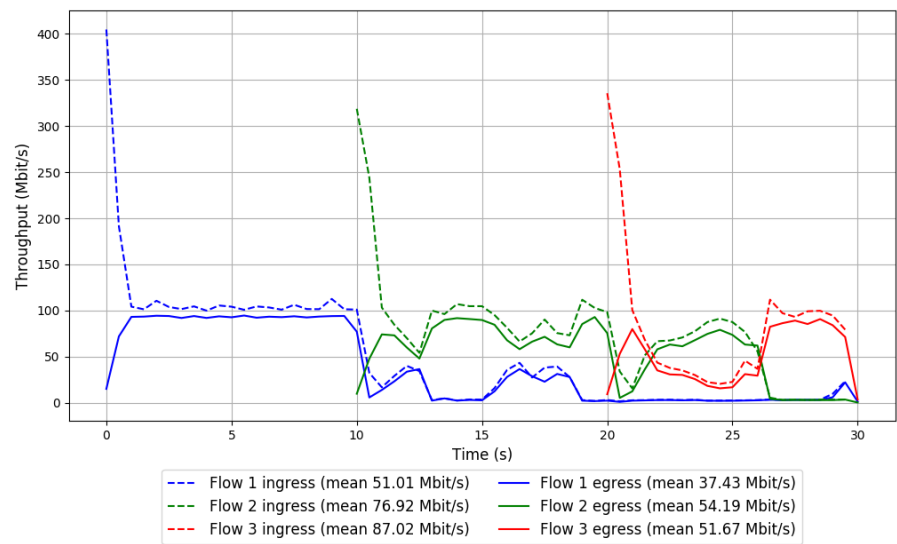


Run 2: Statistics of FillP

Start at: 2018-03-27 19:00:25
End at: 2018-03-27 19:00:55
Local clock offset: 16.866 ms
Remote clock offset: 30.811 ms

Below is generated by plot.py at 2018-03-27 22:53:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.63 Mbit/s
95th percentile per-packet one-way delay: 79.954 ms
Loss rate: 30.80%
-- Flow 1:
Average throughput: 37.43 Mbit/s
95th percentile per-packet one-way delay: 79.800 ms
Loss rate: 26.59%
-- Flow 2:
Average throughput: 54.19 Mbit/s
95th percentile per-packet one-way delay: 80.179 ms
Loss rate: 29.49%
-- Flow 3:
Average throughput: 51.67 Mbit/s
95th percentile per-packet one-way delay: 80.434 ms
Loss rate: 40.55%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2018-03-27 19:23:30

End at: 2018-03-27 19:24:00

Local clock offset: 0.063 ms

Remote clock offset: 9.378 ms

Below is generated by plot.py at 2018-03-27 22:53:22

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.83 Mbit/s

95th percentile per-packet one-way delay: 81.583 ms

Loss rate: 28.99%

-- Flow 1:

Average throughput: 36.02 Mbit/s

95th percentile per-packet one-way delay: 81.223 ms

Loss rate: 28.33%

-- Flow 2:

Average throughput: 54.02 Mbit/s

95th percentile per-packet one-way delay: 81.608 ms

Loss rate: 27.86%

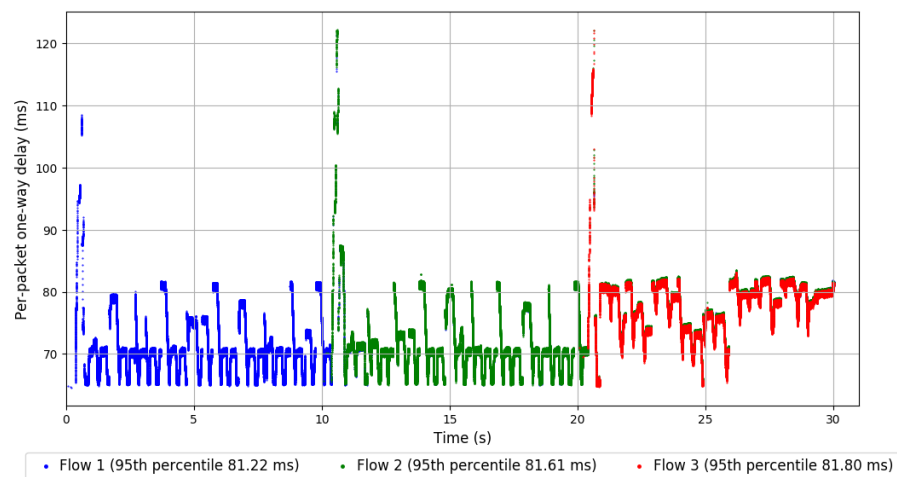
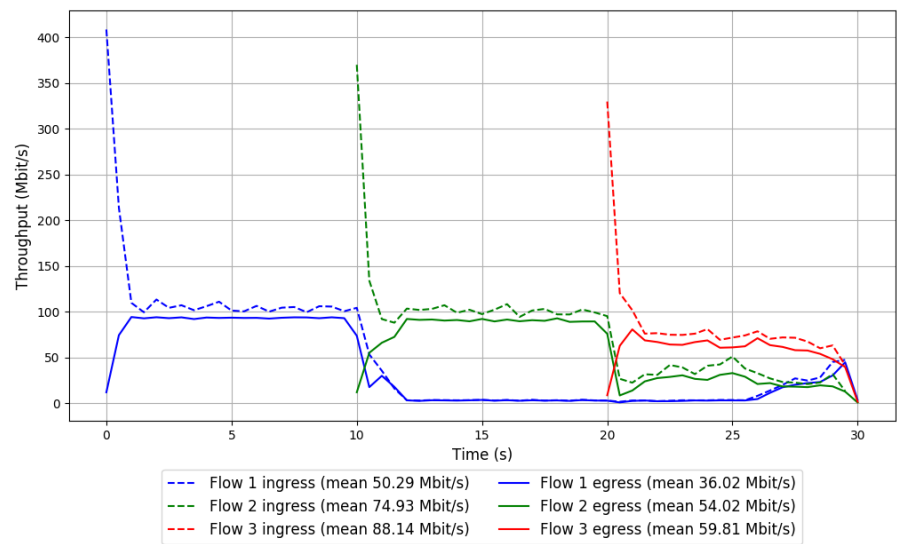
-- Flow 3:

Average throughput: 59.81 Mbit/s

95th percentile per-packet one-way delay: 81.797 ms

Loss rate: 32.07%

Run 3: Report of FillP — Data Link

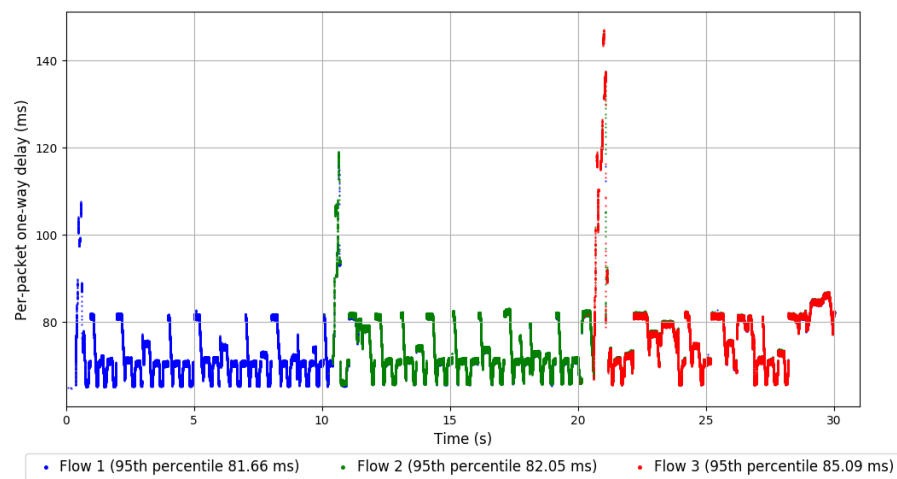
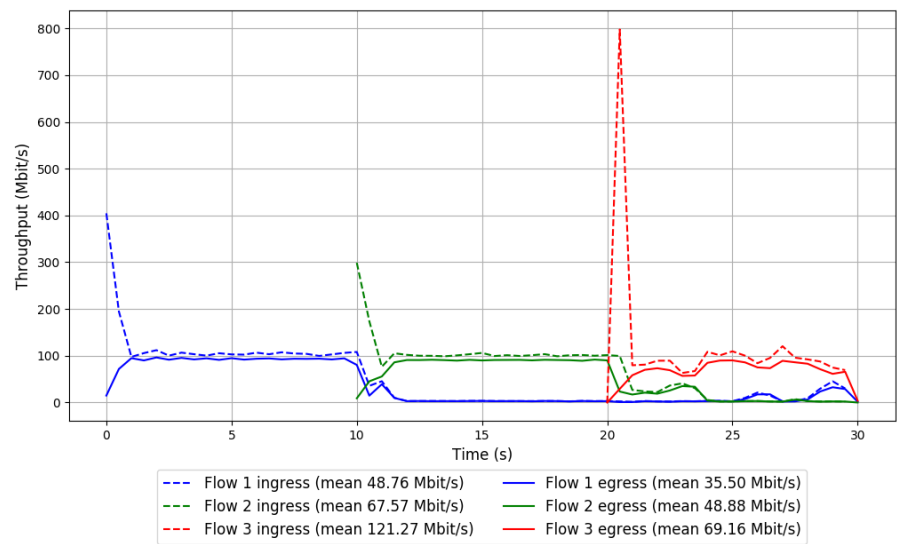


Run 4: Statistics of FillP

Start at: 2018-03-27 19:46:52
End at: 2018-03-27 19:47:22
Local clock offset: -2.663 ms
Remote clock offset: -3.455 ms

Below is generated by plot.py at 2018-03-27 22:53:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.97 Mbit/s
95th percentile per-packet one-way delay: 82.309 ms
Loss rate: 32.03%
-- Flow 1:
Average throughput: 35.50 Mbit/s
95th percentile per-packet one-way delay: 81.663 ms
Loss rate: 27.14%
-- Flow 2:
Average throughput: 48.88 Mbit/s
95th percentile per-packet one-way delay: 82.054 ms
Loss rate: 27.65%
-- Flow 3:
Average throughput: 69.16 Mbit/s
95th percentile per-packet one-way delay: 85.092 ms
Loss rate: 42.88%

Run 4: Report of FillP — Data Link

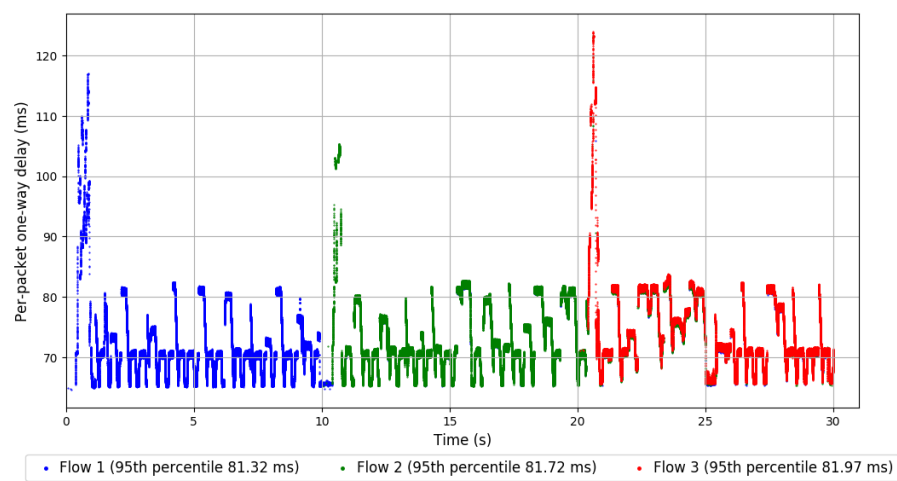
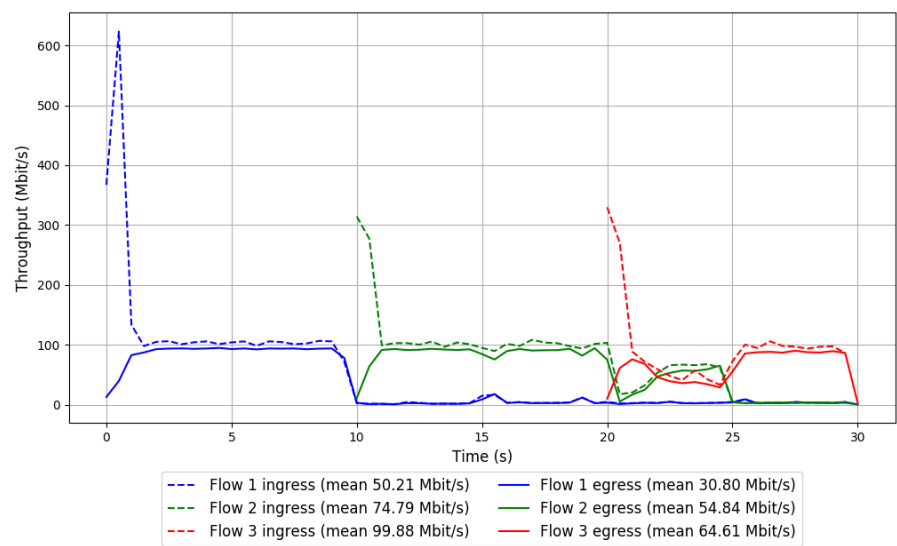


Run 5: Statistics of FillP

Start at: 2018-03-27 20:10:05
End at: 2018-03-27 20:10:35
Local clock offset: -4.716 ms
Remote clock offset: -19.057 ms

Below is generated by plot.py at 2018-03-27 22:53:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.71 Mbit/s
95th percentile per-packet one-way delay: 81.740 ms
Loss rate: 33.34%
-- Flow 1:
Average throughput: 30.80 Mbit/s
95th percentile per-packet one-way delay: 81.318 ms
Loss rate: 38.65%
-- Flow 2:
Average throughput: 54.84 Mbit/s
95th percentile per-packet one-way delay: 81.724 ms
Loss rate: 26.66%
-- Flow 3:
Average throughput: 64.61 Mbit/s
95th percentile per-packet one-way delay: 81.970 ms
Loss rate: 35.31%

Run 5: Report of FillP — Data Link

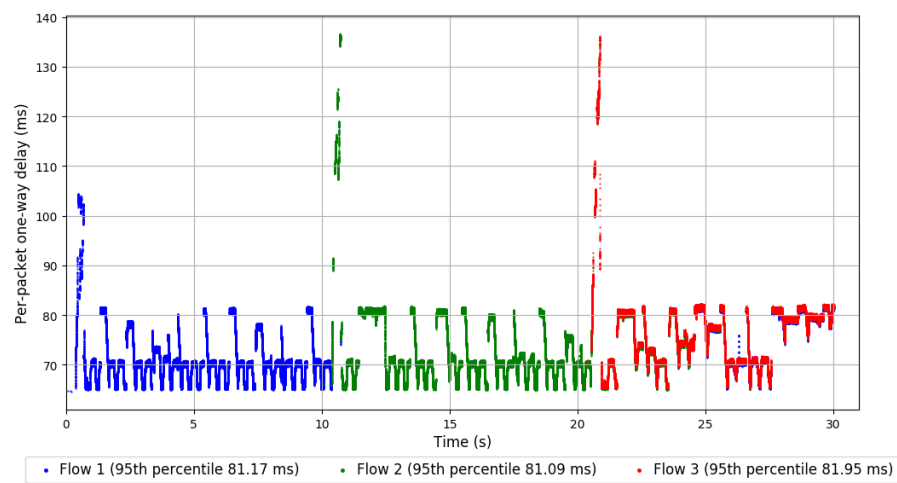
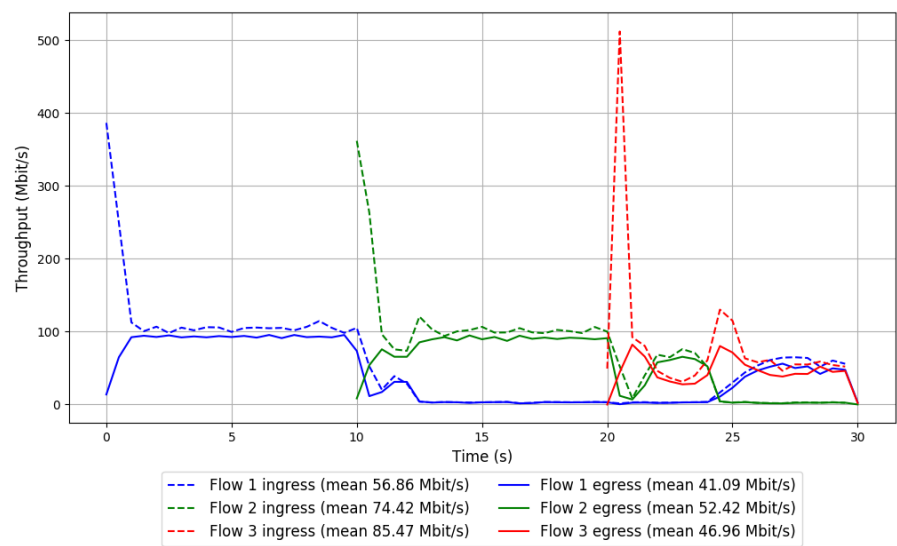


Run 6: Statistics of FillP

Start at: 2018-03-27 20:33:33
End at: 2018-03-27 20:34:03
Local clock offset: -3.693 ms
Remote clock offset: -10.342 ms

Below is generated by plot.py at 2018-03-27 22:53:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.34 Mbit/s
95th percentile per-packet one-way delay: 81.343 ms
Loss rate: 32.18%
-- Flow 1:
Average throughput: 41.09 Mbit/s
95th percentile per-packet one-way delay: 81.172 ms
Loss rate: 27.71%
-- Flow 2:
Average throughput: 52.42 Mbit/s
95th percentile per-packet one-way delay: 81.092 ms
Loss rate: 29.53%
-- Flow 3:
Average throughput: 46.96 Mbit/s
95th percentile per-packet one-way delay: 81.951 ms
Loss rate: 45.81%

Run 6: Report of FillP — Data Link

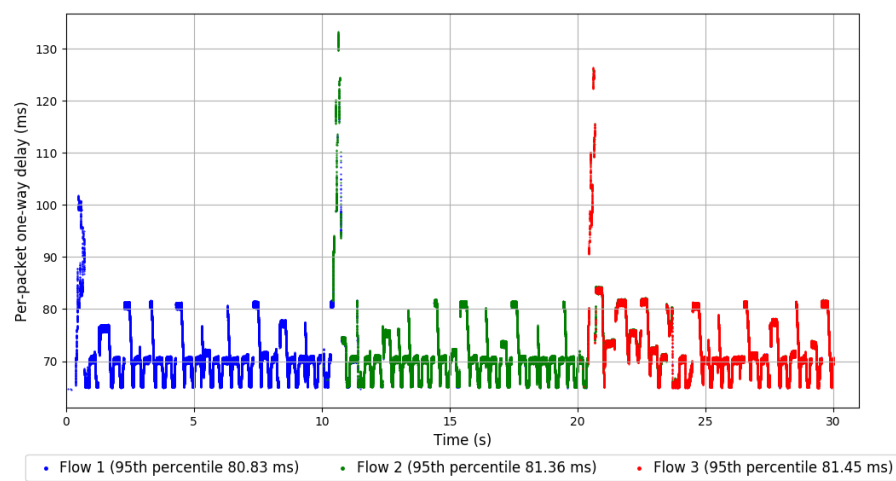
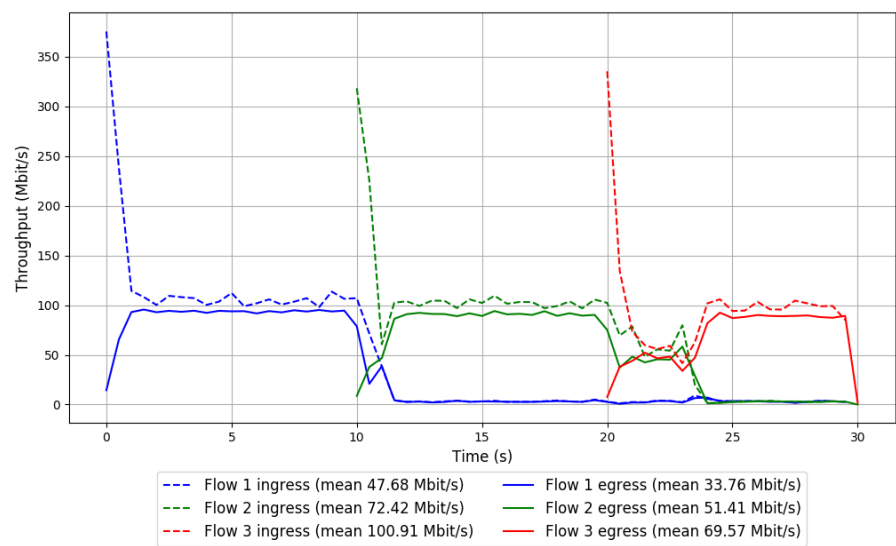


Run 7: Statistics of FillP

Start at: 2018-03-27 20:56:58
End at: 2018-03-27 20:57:28
Local clock offset: -2.647 ms
Remote clock offset: -9.372 ms

Below is generated by plot.py at 2018-03-27 22:53:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.99 Mbit/s
95th percentile per-packet one-way delay: 81.214 ms
Loss rate: 29.60%
-- Flow 1:
Average throughput: 33.76 Mbit/s
95th percentile per-packet one-way delay: 80.833 ms
Loss rate: 29.18%
-- Flow 2:
Average throughput: 51.41 Mbit/s
95th percentile per-packet one-way delay: 81.357 ms
Loss rate: 29.01%
-- Flow 3:
Average throughput: 69.57 Mbit/s
95th percentile per-packet one-way delay: 81.453 ms
Loss rate: 31.05%

Run 7: Report of FillP — Data Link



Run 8: Statistics of FillP

Start at: 2018-03-27 21:19:45

End at: 2018-03-27 21:20:15

Local clock offset: 0.71 ms

Remote clock offset: -9.33 ms

Below is generated by plot.py at 2018-03-27 22:53:22

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.98 Mbit/s

95th percentile per-packet one-way delay: 82.289 ms

Loss rate: 30.09%

-- Flow 1:

Average throughput: 40.71 Mbit/s

95th percentile per-packet one-way delay: 82.384 ms

Loss rate: 26.03%

-- Flow 2:

Average throughput: 49.42 Mbit/s

95th percentile per-packet one-way delay: 81.907 ms

Loss rate: 24.94%

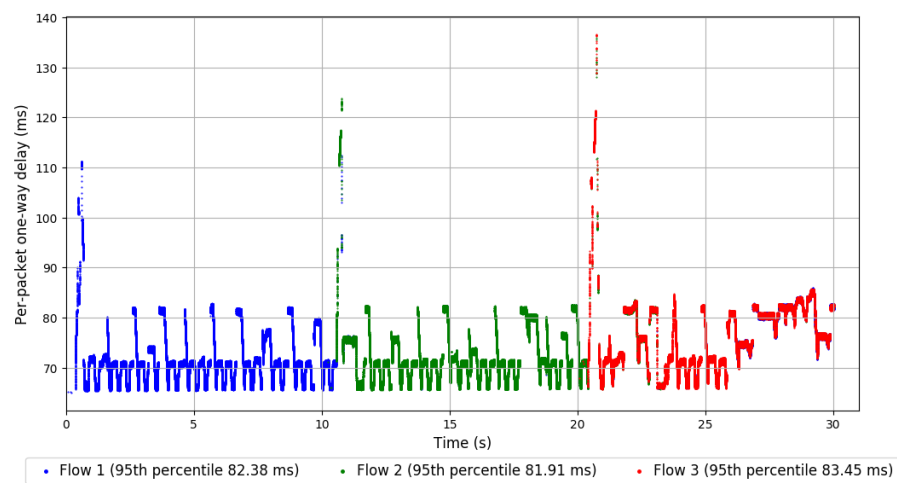
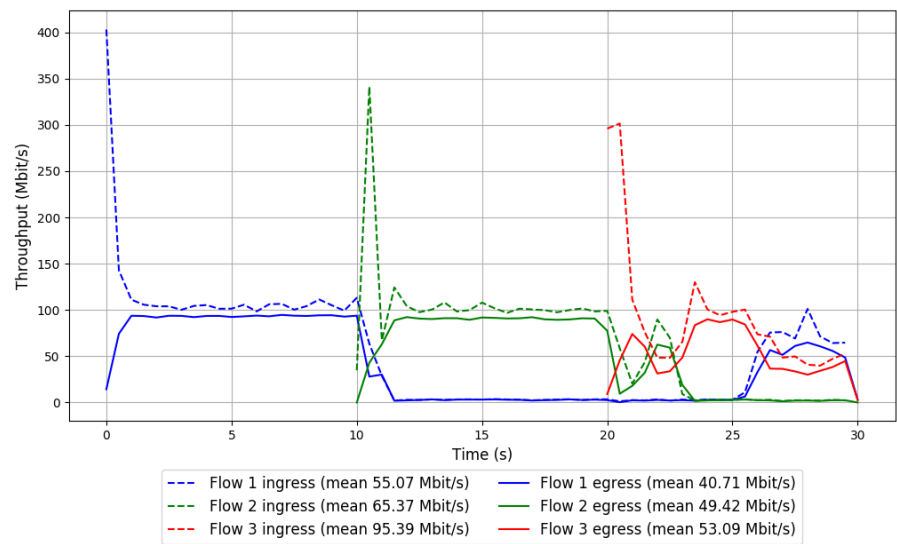
-- Flow 3:

Average throughput: 53.09 Mbit/s

95th percentile per-packet one-way delay: 83.454 ms

Loss rate: 44.26%

Run 8: Report of FillP — Data Link

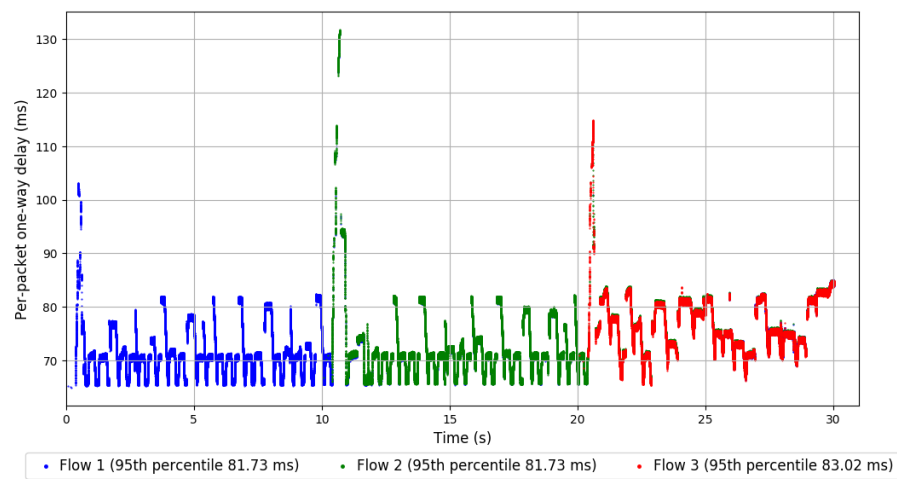
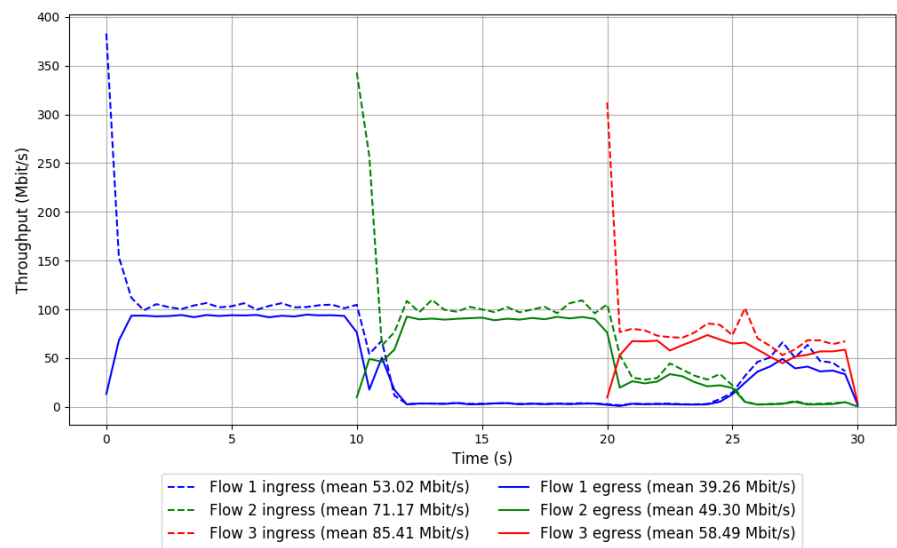


Run 9: Statistics of FillP

Start at: 2018-03-27 21:42:39
End at: 2018-03-27 21:43:09
Local clock offset: 11.518 ms
Remote clock offset: -7.324 ms

Below is generated by plot.py at 2018-03-27 22:53:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.49 Mbit/s
95th percentile per-packet one-way delay: 82.270 ms
Loss rate: 28.87%
-- Flow 1:
Average throughput: 39.26 Mbit/s
95th percentile per-packet one-way delay: 81.733 ms
Loss rate: 25.91%
-- Flow 2:
Average throughput: 49.30 Mbit/s
95th percentile per-packet one-way delay: 81.729 ms
Loss rate: 30.66%
-- Flow 3:
Average throughput: 58.49 Mbit/s
95th percentile per-packet one-way delay: 83.023 ms
Loss rate: 31.43%

Run 9: Report of FillP — Data Link



Run 10: Statistics of FillP

Start at: 2018-03-27 22:06:05

End at: 2018-03-27 22:06:35

Local clock offset: 3.313 ms

Remote clock offset: -0.35 ms

Below is generated by plot.py at 2018-03-27 22:53:22

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.79 Mbit/s

95th percentile per-packet one-way delay: 81.240 ms

Loss rate: 28.64%

-- Flow 1:

Average throughput: 37.38 Mbit/s

95th percentile per-packet one-way delay: 81.312 ms

Loss rate: 28.14%

-- Flow 2:

Average throughput: 50.70 Mbit/s

95th percentile per-packet one-way delay: 81.675 ms

Loss rate: 27.80%

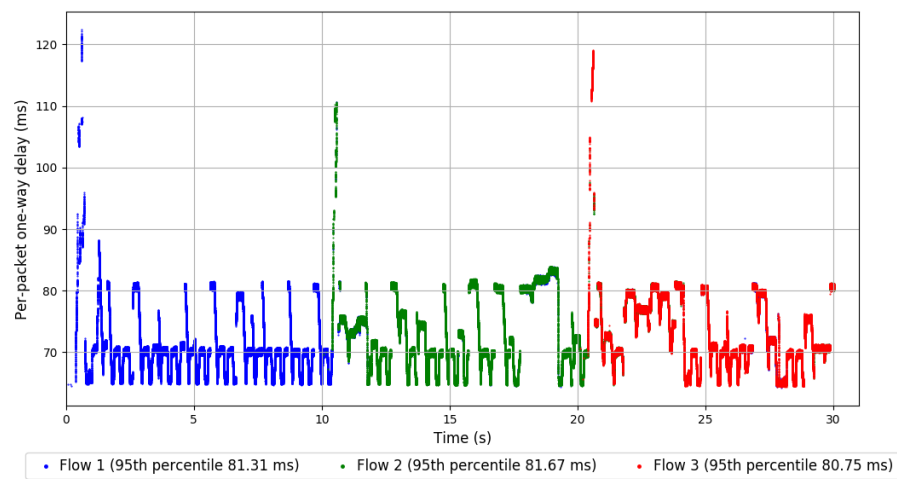
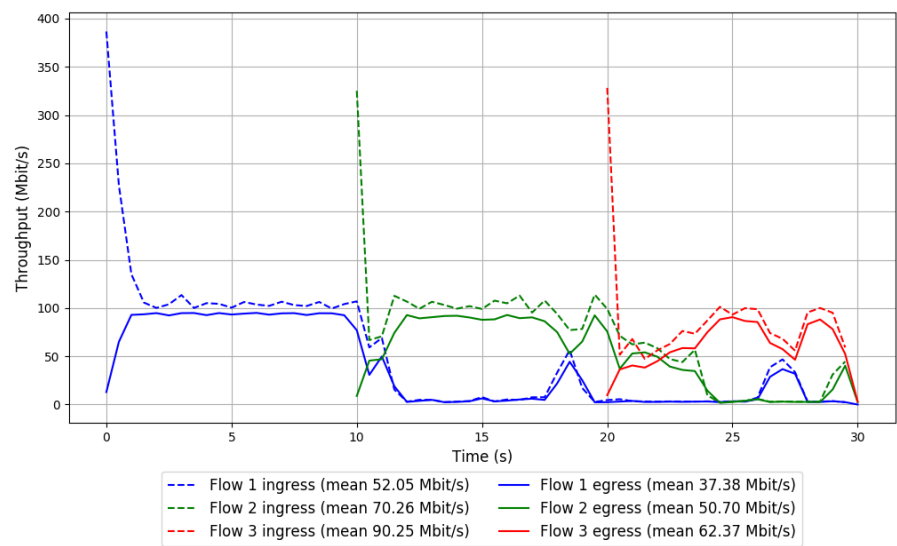
-- Flow 3:

Average throughput: 62.37 Mbit/s

95th percentile per-packet one-way delay: 80.751 ms

Loss rate: 30.82%

Run 10: Report of FillP — Data Link

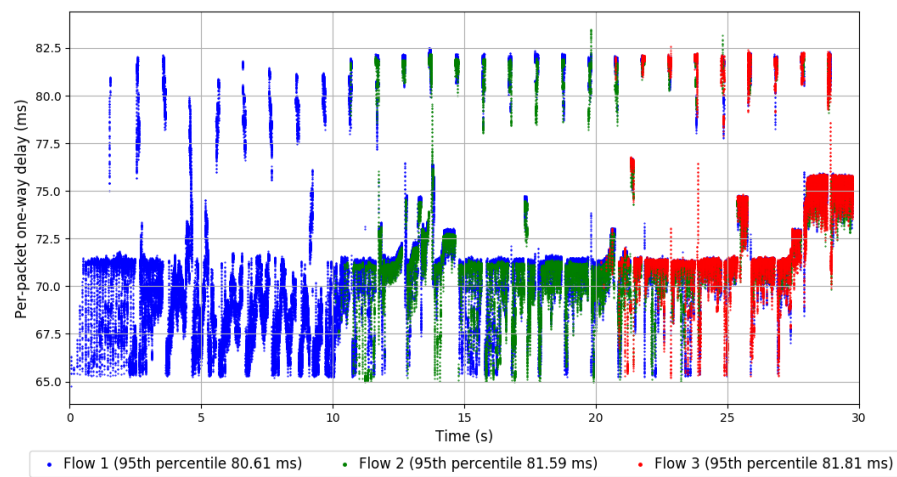
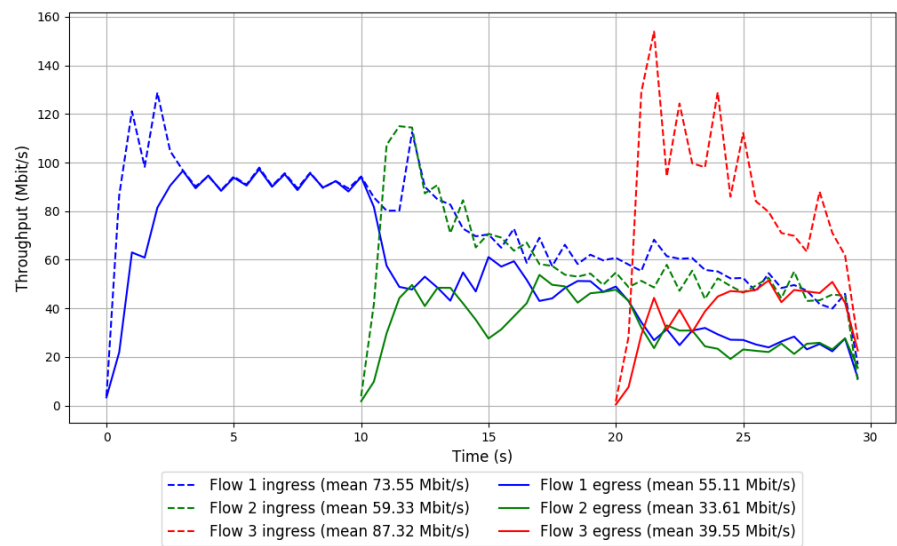


Run 1: Statistics of Indigo-1-32

Start at: 2018-03-27 18:22:38
End at: 2018-03-27 18:23:08
Local clock offset: 1.774 ms
Remote clock offset: -9.337 ms

Below is generated by plot.py at 2018-03-27 22:53:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.99 Mbit/s
95th percentile per-packet one-way delay: 81.377 ms
Loss rate: 36.06%
-- Flow 1:
Average throughput: 55.11 Mbit/s
95th percentile per-packet one-way delay: 80.605 ms
Loss rate: 25.04%
-- Flow 2:
Average throughput: 33.61 Mbit/s
95th percentile per-packet one-way delay: 81.592 ms
Loss rate: 43.34%
-- Flow 3:
Average throughput: 39.55 Mbit/s
95th percentile per-packet one-way delay: 81.815 ms
Loss rate: 54.68%

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

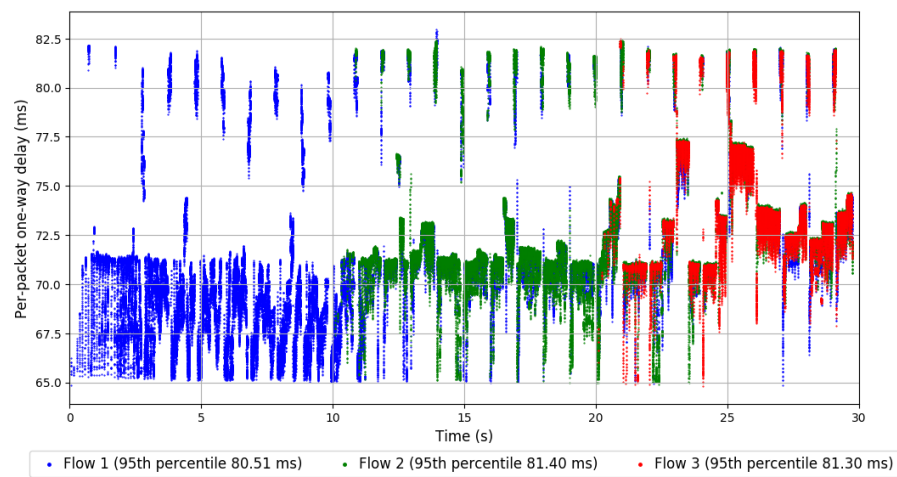
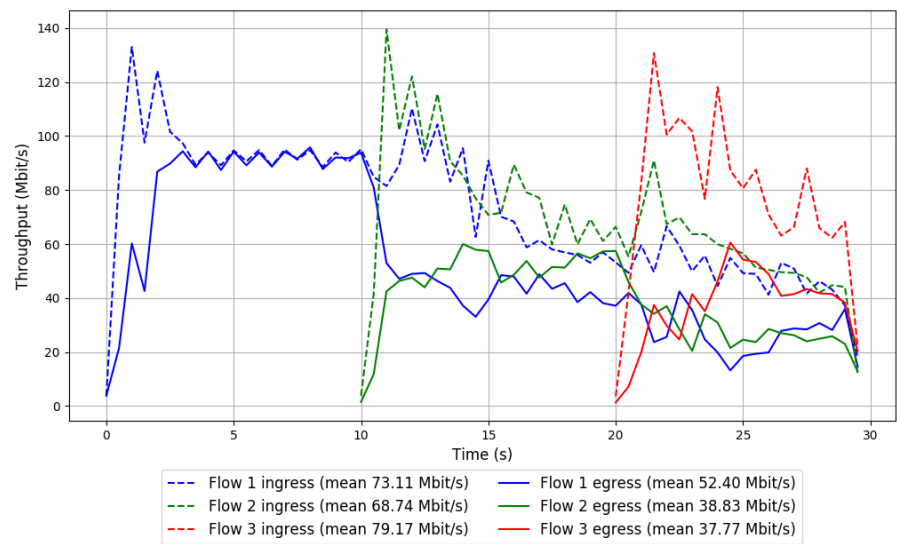


Run 2: Statistics of Indigo-1-32

Start at: 2018-03-27 18:46:21
End at: 2018-03-27 18:46:51
Local clock offset: 13.769 ms
Remote clock offset: 18.816 ms

Below is generated by plot.py at 2018-03-27 22:53:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.34 Mbit/s
95th percentile per-packet one-way delay: 80.943 ms
Loss rate: 37.37%
-- Flow 1:
Average throughput: 52.40 Mbit/s
95th percentile per-packet one-way delay: 80.507 ms
Loss rate: 28.31%
-- Flow 2:
Average throughput: 38.83 Mbit/s
95th percentile per-packet one-way delay: 81.398 ms
Loss rate: 43.49%
-- Flow 3:
Average throughput: 37.77 Mbit/s
95th percentile per-packet one-way delay: 81.298 ms
Loss rate: 52.27%

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

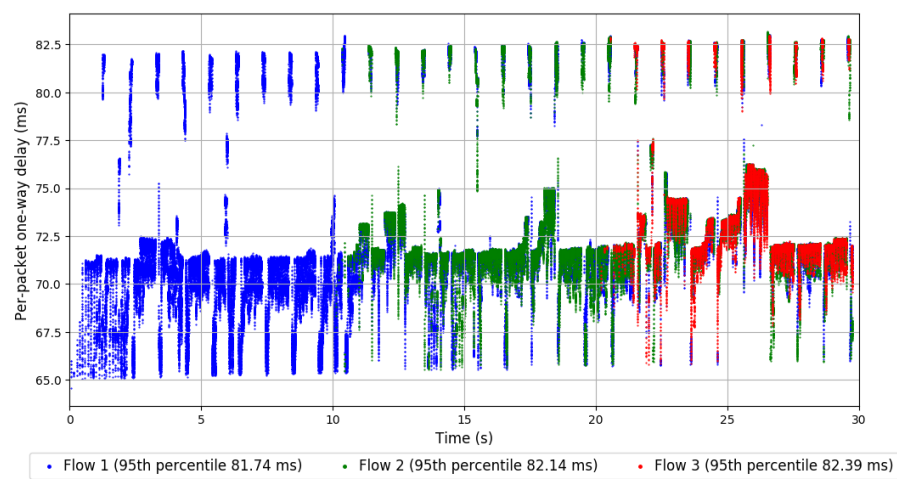
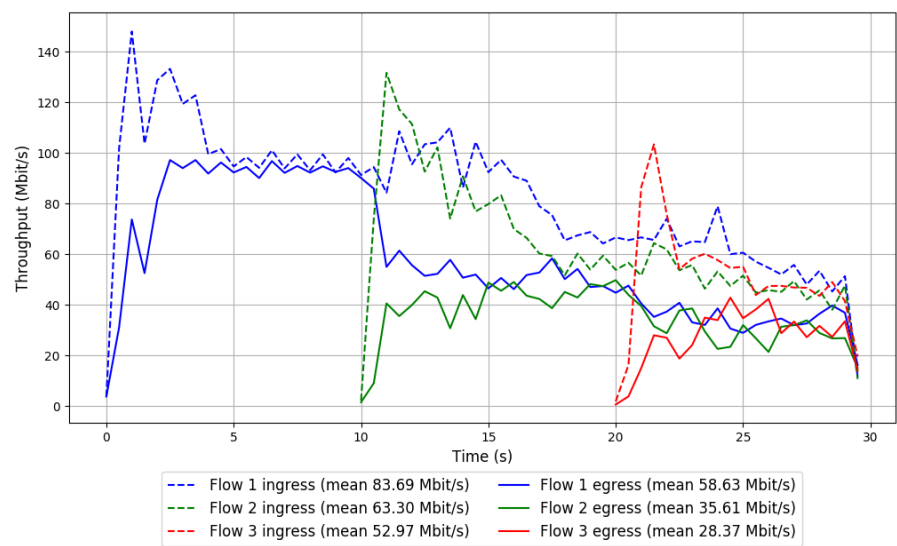


Run 3: Statistics of Indigo-1-32

Start at: 2018-03-27 19:09:25
End at: 2018-03-27 19:09:55
Local clock offset: 6.138 ms
Remote clock offset: 28.051 ms

Below is generated by plot.py at 2018-03-27 22:53:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.27 Mbit/s
95th percentile per-packet one-way delay: 81.922 ms
Loss rate: 35.96%
-- Flow 1:
Average throughput: 58.63 Mbit/s
95th percentile per-packet one-way delay: 81.737 ms
Loss rate: 29.93%
-- Flow 2:
Average throughput: 35.61 Mbit/s
95th percentile per-packet one-way delay: 82.141 ms
Loss rate: 43.75%
-- Flow 3:
Average throughput: 28.37 Mbit/s
95th percentile per-packet one-way delay: 82.392 ms
Loss rate: 46.44%

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



Run 4: Statistics of Indigo-1-32

Start at: 2018-03-27 19:32:48

End at: 2018-03-27 19:33:18

Local clock offset: -2.043 ms

Remote clock offset: 6.927 ms

Below is generated by plot.py at 2018-03-27 22:53:57

Datalink statistics

-- Total of 3 flows:

Average throughput: 89.95 Mbit/s

95th percentile per-packet one-way delay: 81.359 ms

Loss rate: 35.40%

-- Flow 1:

Average throughput: 63.69 Mbit/s

95th percentile per-packet one-way delay: 81.072 ms

Loss rate: 21.60%

-- Flow 2:

Average throughput: 23.94 Mbit/s

95th percentile per-packet one-way delay: 81.418 ms

Loss rate: 44.15%

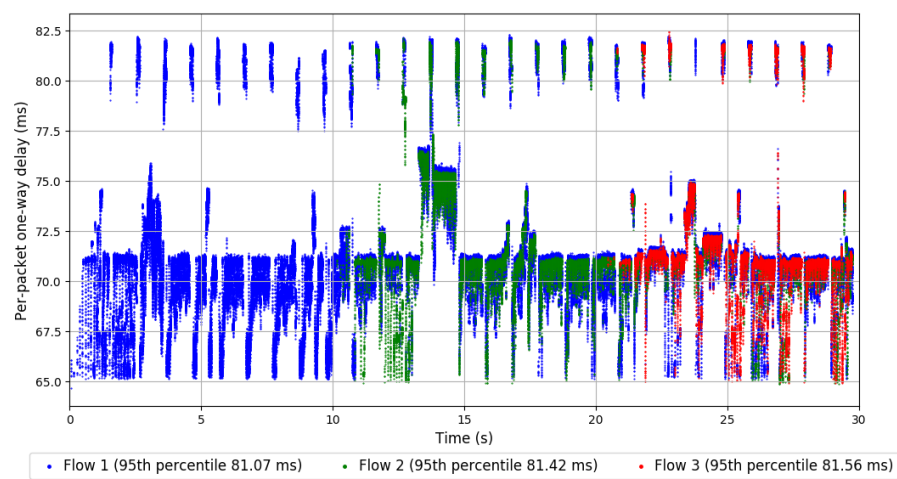
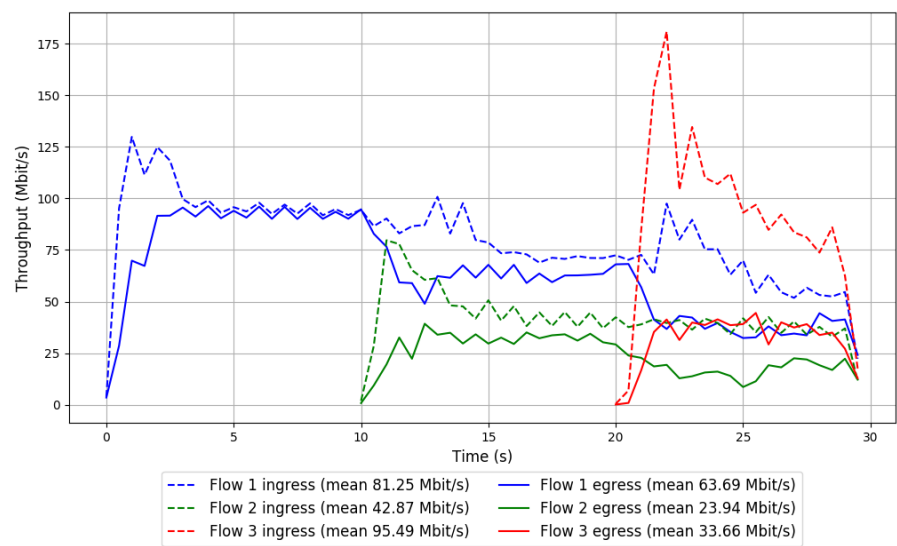
-- Flow 3:

Average throughput: 33.66 Mbit/s

95th percentile per-packet one-way delay: 81.556 ms

Loss rate: 64.75%

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



Run 5: Statistics of Indigo-1-32

Start at: 2018-03-27 19:56:01

End at: 2018-03-27 19:56:31

Local clock offset: -3.68 ms

Remote clock offset: -12.299 ms

Below is generated by plot.py at 2018-03-27 22:54:10

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.63 Mbit/s

95th percentile per-packet one-way delay: 81.790 ms

Loss rate: 47.34%

-- Flow 1:

Average throughput: 48.33 Mbit/s

95th percentile per-packet one-way delay: 81.119 ms

Loss rate: 36.77%

-- Flow 2:

Average throughput: 40.03 Mbit/s

95th percentile per-packet one-way delay: 81.996 ms

Loss rate: 53.63%

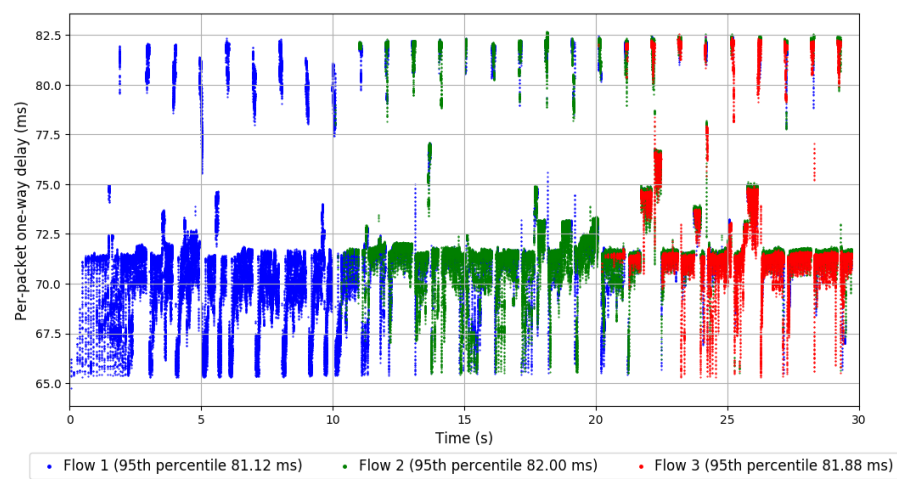
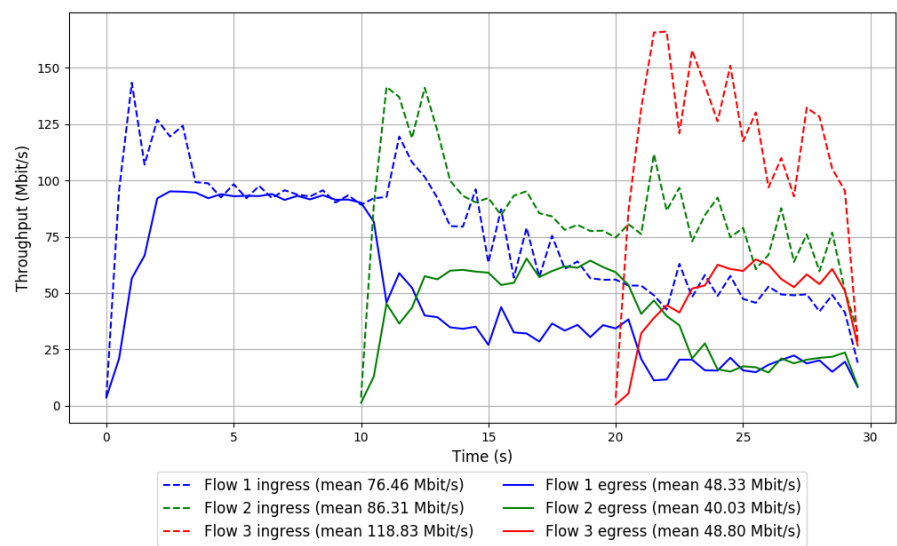
-- Flow 3:

Average throughput: 48.80 Mbit/s

95th percentile per-packet one-way delay: 81.881 ms

Loss rate: 58.98%

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

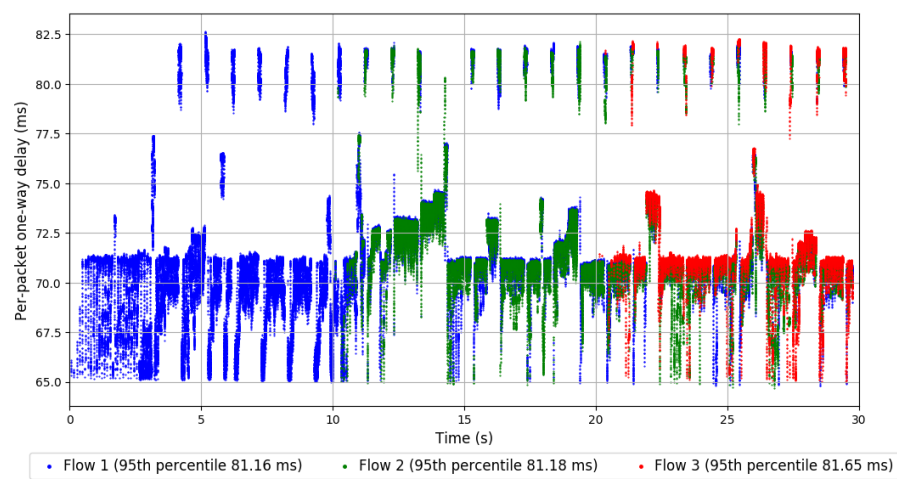
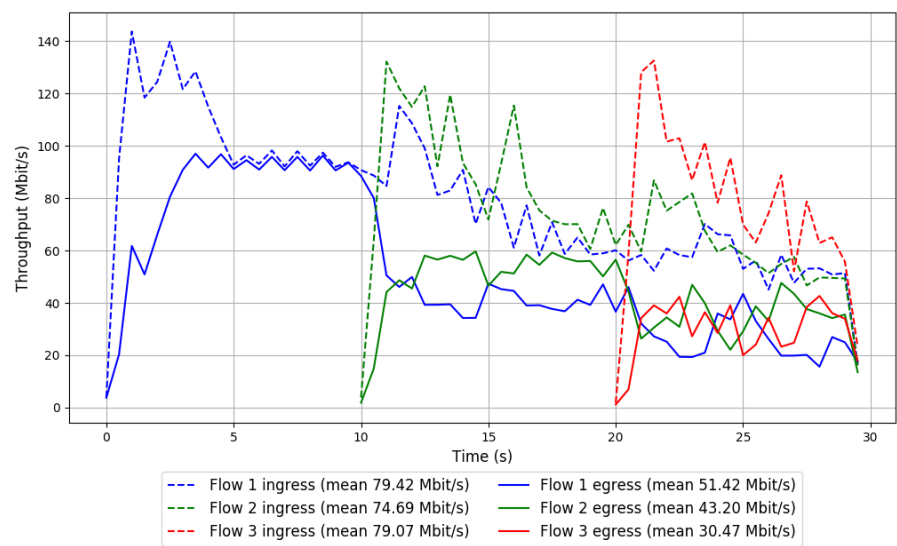


Run 6: Statistics of Indigo-1-32

Start at: 2018-03-27 20:19:23
End at: 2018-03-27 20:19:53
Local clock offset: -3.515 ms
Remote clock offset: -16.134 ms

Below is generated by plot.py at 2018-03-27 22:54:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.84 Mbit/s
95th percentile per-packet one-way delay: 81.225 ms
Loss rate: 41.81%
-- Flow 1:
Average throughput: 51.42 Mbit/s
95th percentile per-packet one-way delay: 81.163 ms
Loss rate: 35.25%
-- Flow 2:
Average throughput: 43.20 Mbit/s
95th percentile per-packet one-way delay: 81.183 ms
Loss rate: 42.16%
-- Flow 3:
Average throughput: 30.47 Mbit/s
95th percentile per-packet one-way delay: 81.646 ms
Loss rate: 61.47%

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

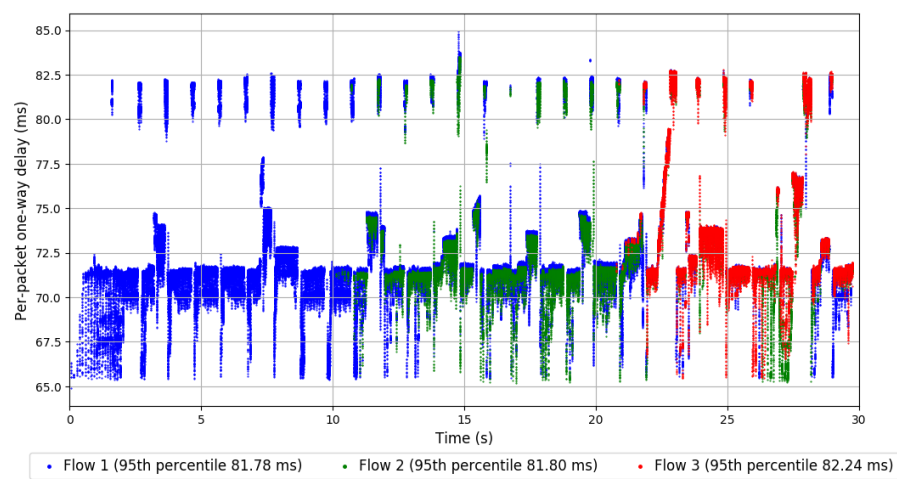
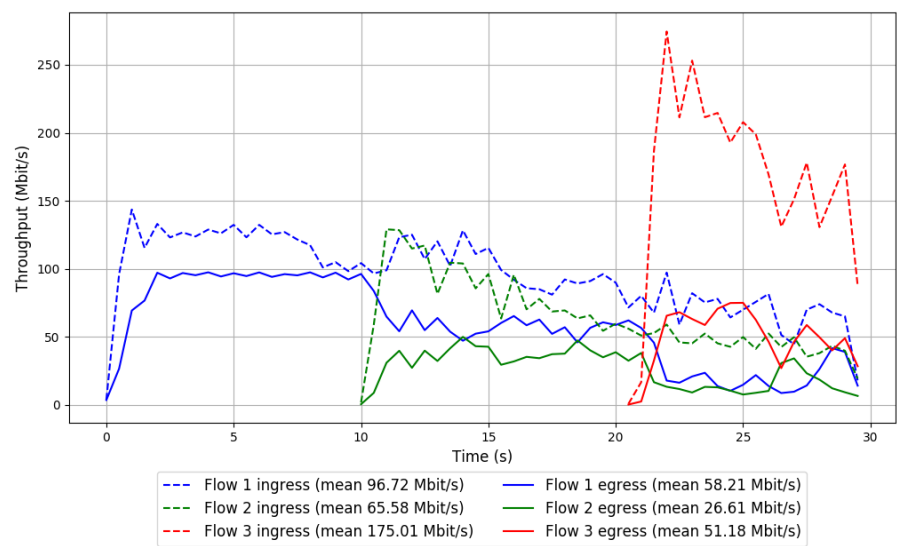


Run 7: Statistics of Indigo-1-32

Start at: 2018-03-27 20:42:35
End at: 2018-03-27 20:43:05
Local clock offset: -4.183 ms
Remote clock offset: -10.157 ms

Below is generated by plot.py at 2018-03-27 22:54:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.21 Mbit/s
95th percentile per-packet one-way delay: 81.904 ms
Loss rate: 52.71%
-- Flow 1:
Average throughput: 58.21 Mbit/s
95th percentile per-packet one-way delay: 81.782 ms
Loss rate: 39.80%
-- Flow 2:
Average throughput: 26.61 Mbit/s
95th percentile per-packet one-way delay: 81.798 ms
Loss rate: 59.41%
-- Flow 3:
Average throughput: 51.18 Mbit/s
95th percentile per-packet one-way delay: 82.242 ms
Loss rate: 70.76%

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

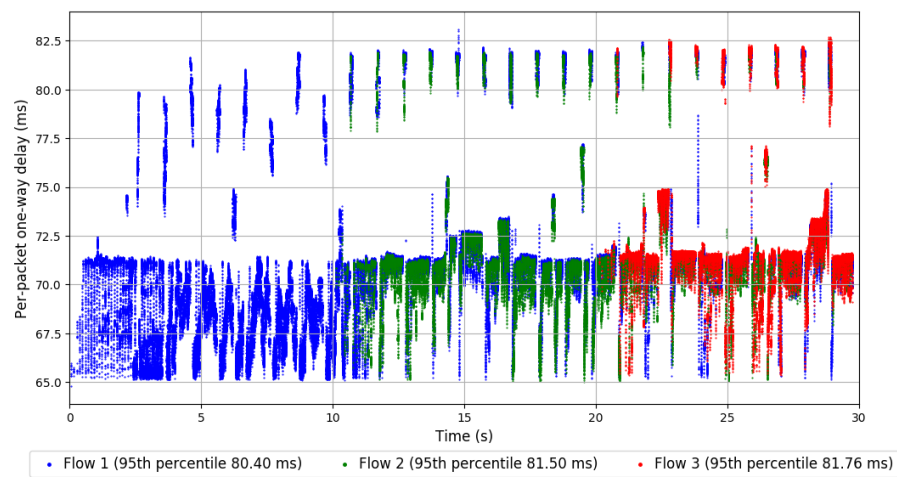
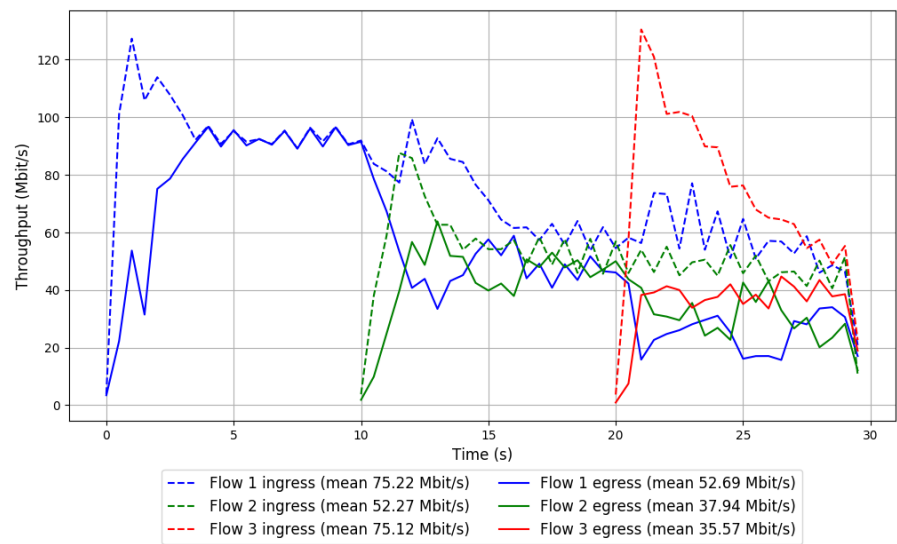


Run 8: Statistics of Indigo-1-32

Start at: 2018-03-27 21:05:50
End at: 2018-03-27 21:06:20
Local clock offset: -2.965 ms
Remote clock offset: -9.146 ms

Below is generated by plot.py at 2018-03-27 22:54:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.23 Mbit/s
95th percentile per-packet one-way delay: 81.146 ms
Loss rate: 33.42%
-- Flow 1:
Average throughput: 52.69 Mbit/s
95th percentile per-packet one-way delay: 80.398 ms
Loss rate: 29.94%
-- Flow 2:
Average throughput: 37.94 Mbit/s
95th percentile per-packet one-way delay: 81.498 ms
Loss rate: 27.42%
-- Flow 3:
Average throughput: 35.57 Mbit/s
95th percentile per-packet one-way delay: 81.758 ms
Loss rate: 52.65%

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

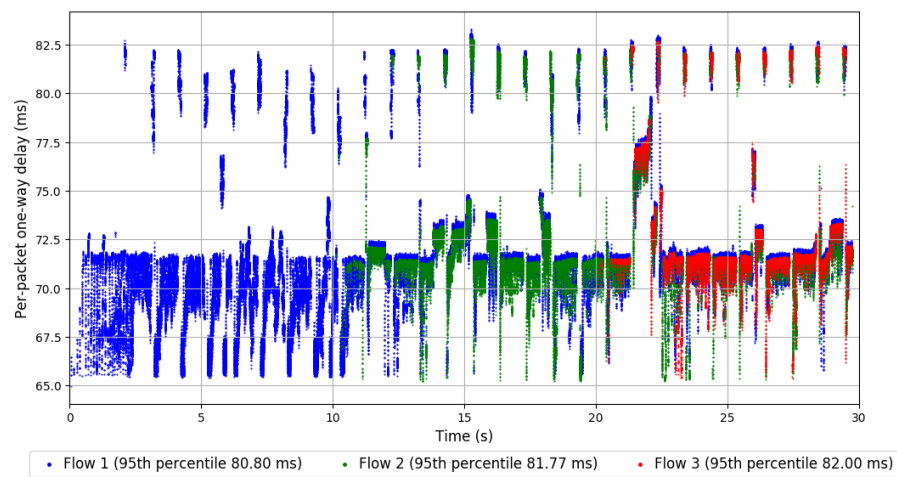
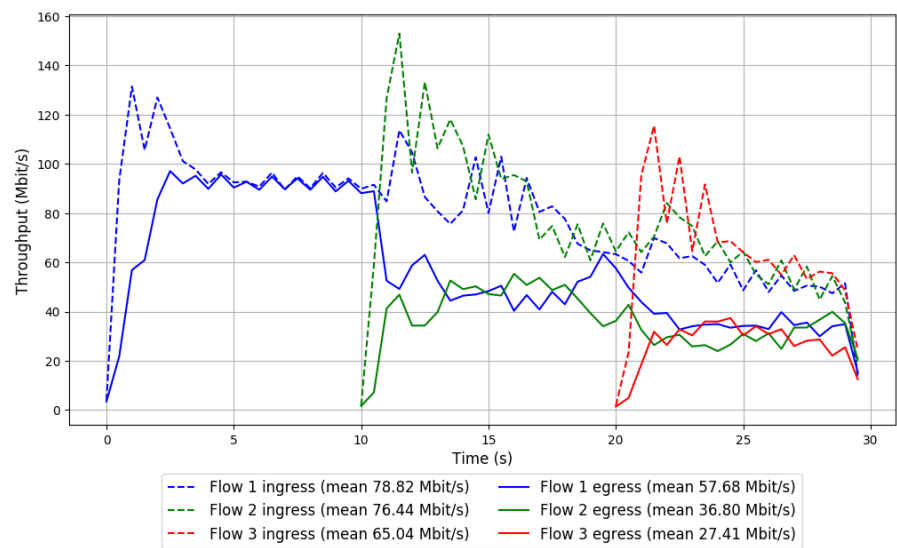


Run 9: Statistics of Indigo-1-32

Start at: 2018-03-27 21:28:44
End at: 2018-03-27 21:29:14
Local clock offset: 7.404 ms
Remote clock offset: -8.462 ms

Below is generated by plot.py at 2018-03-27 22:54:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.80 Mbit/s
95th percentile per-packet one-way delay: 81.517 ms
Loss rate: 39.57%
-- Flow 1:
Average throughput: 57.68 Mbit/s
95th percentile per-packet one-way delay: 80.796 ms
Loss rate: 26.80%
-- Flow 2:
Average throughput: 36.80 Mbit/s
95th percentile per-packet one-way delay: 81.769 ms
Loss rate: 51.85%
-- Flow 3:
Average throughput: 27.41 Mbit/s
95th percentile per-packet one-way delay: 82.000 ms
Loss rate: 57.85%

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



Run 10: Statistics of Indigo-1-32

Start at: 2018-03-27 21:51:44

End at: 2018-03-27 21:52:14

Local clock offset: 12.537 ms

Remote clock offset: -7.23 ms

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

Figure is missing

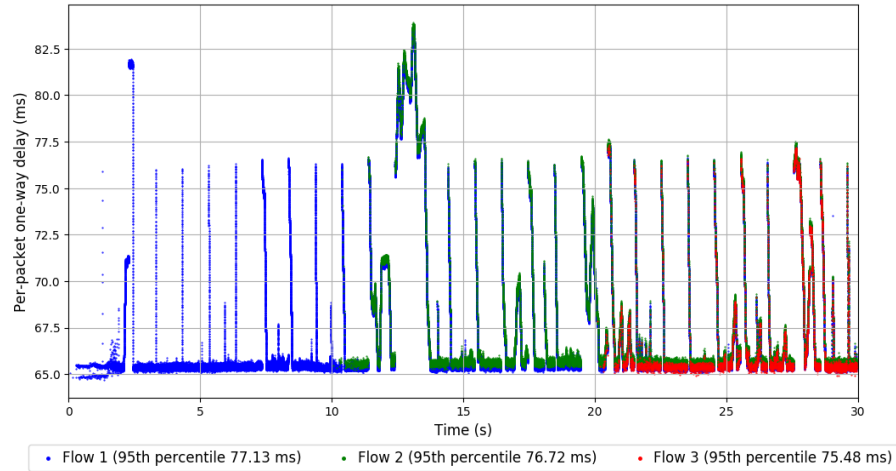
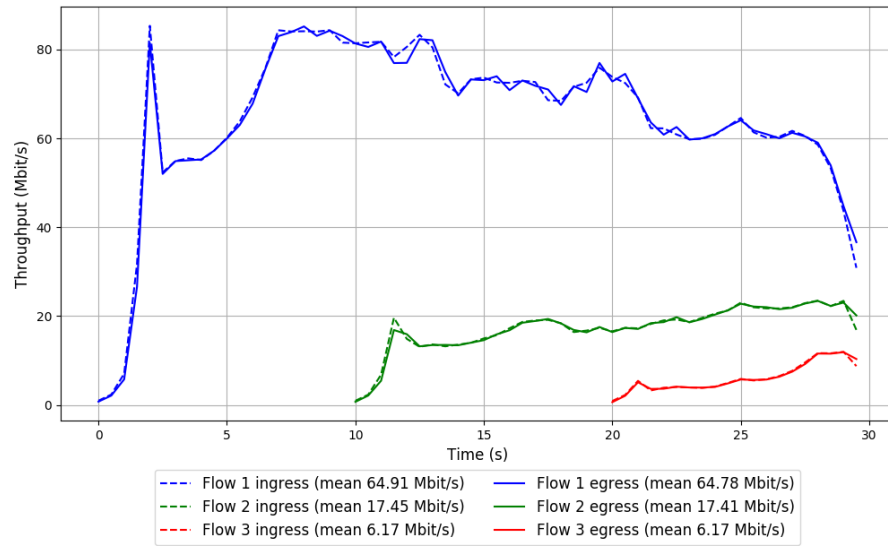
Figure is missing

Run 1: Statistics of Vivace-latency

Start at: 2018-03-27 18:24:02
End at: 2018-03-27 18:24:32
Local clock offset: 1.557 ms
Remote clock offset: -9.252 ms

Below is generated by plot.py at 2018-03-27 22:54:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.38 Mbit/s
95th percentile per-packet one-way delay: 77.026 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 64.78 Mbit/s
95th percentile per-packet one-way delay: 77.134 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 17.41 Mbit/s
95th percentile per-packet one-way delay: 76.722 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 6.17 Mbit/s
95th percentile per-packet one-way delay: 75.480 ms
Loss rate: 0.08%

Run 1: Report of Vivace-latency — Data Link

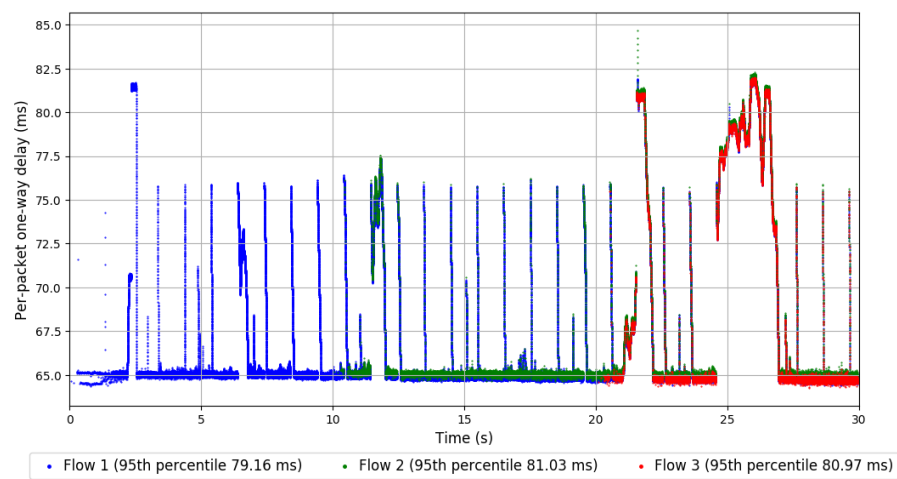
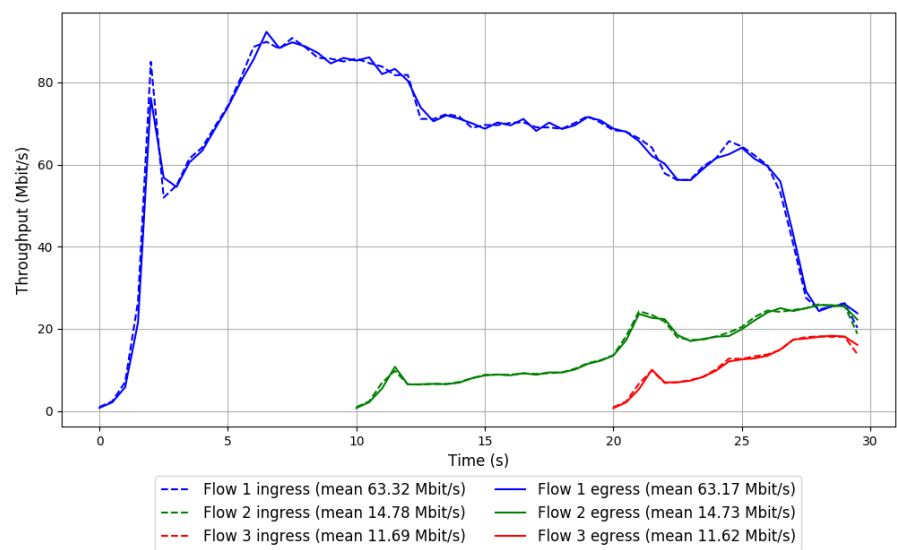


Run 2: Statistics of Vivace-latency

Start at: 2018-03-27 18:47:39
End at: 2018-03-27 18:48:09
Local clock offset: 13.976 ms
Remote clock offset: 20.098 ms

```
# Below is generated by plot.py at 2018-03-27 22:54:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 76.79 Mbit/s
95th percentile per-packet one-way delay: 79.547 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 63.17 Mbit/s
95th percentile per-packet one-way delay: 79.162 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 14.73 Mbit/s
95th percentile per-packet one-way delay: 81.026 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 11.62 Mbit/s
95th percentile per-packet one-way delay: 80.975 ms
Loss rate: 0.59%
```

Run 2: Report of Vivace-latency — Data Link

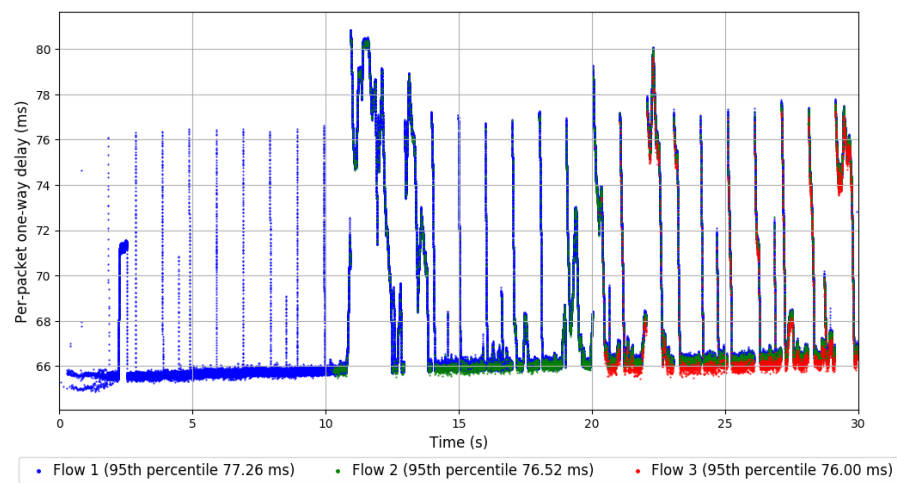
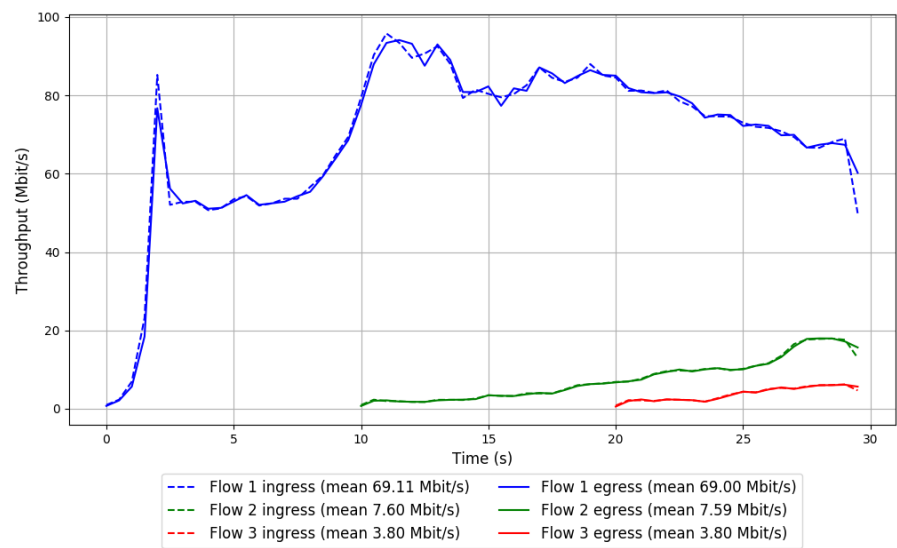


Run 3: Statistics of Vivace-latency

Start at: 2018-03-27 19:10:43
End at: 2018-03-27 19:11:13
Local clock offset: 5.209 ms
Remote clock offset: 24.687 ms

Below is generated by plot.py at 2018-03-27 22:55:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.30 Mbit/s
95th percentile per-packet one-way delay: 77.154 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 69.00 Mbit/s
95th percentile per-packet one-way delay: 77.263 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 7.59 Mbit/s
95th percentile per-packet one-way delay: 76.517 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 3.80 Mbit/s
95th percentile per-packet one-way delay: 76.005 ms
Loss rate: 0.00%

Run 3: Report of Vivace-latency — Data Link



Run 4: Statistics of Vivace-latency

Start at: 2018-03-27 19:34:07

End at: 2018-03-27 19:34:37

Local clock offset: -2.455 ms

Remote clock offset: 6.771 ms

Below is generated by plot.py at 2018-03-27 22:55:31

Datalink statistics

-- Total of 3 flows:

Average throughput: 80.17 Mbit/s

95th percentile per-packet one-way delay: 76.572 ms

Loss rate: 0.12%

-- Flow 1:

Average throughput: 69.32 Mbit/s

95th percentile per-packet one-way delay: 76.549 ms

Loss rate: 0.14%

-- Flow 2:

Average throughput: 13.64 Mbit/s

95th percentile per-packet one-way delay: 76.533 ms

Loss rate: 0.06%

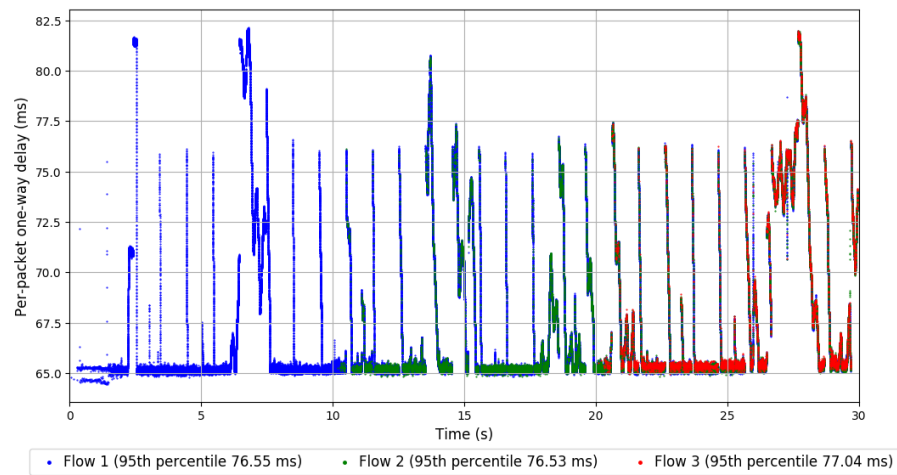
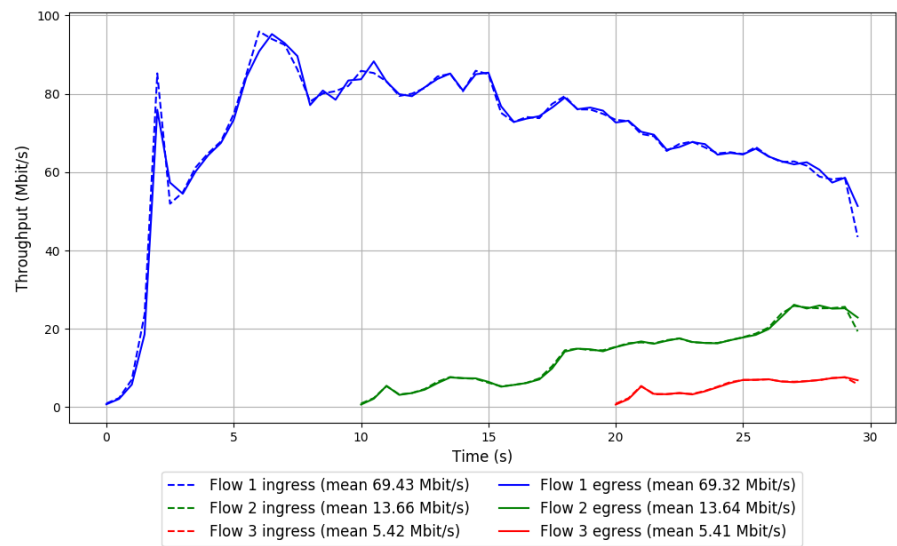
-- Flow 3:

Average throughput: 5.41 Mbit/s

95th percentile per-packet one-way delay: 77.036 ms

Loss rate: 0.07%

Run 4: Report of Vivace-latency — Data Link

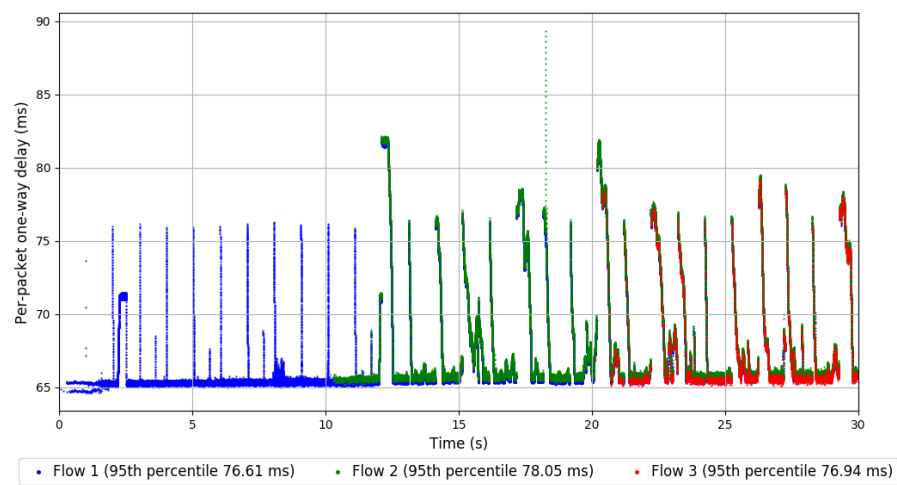
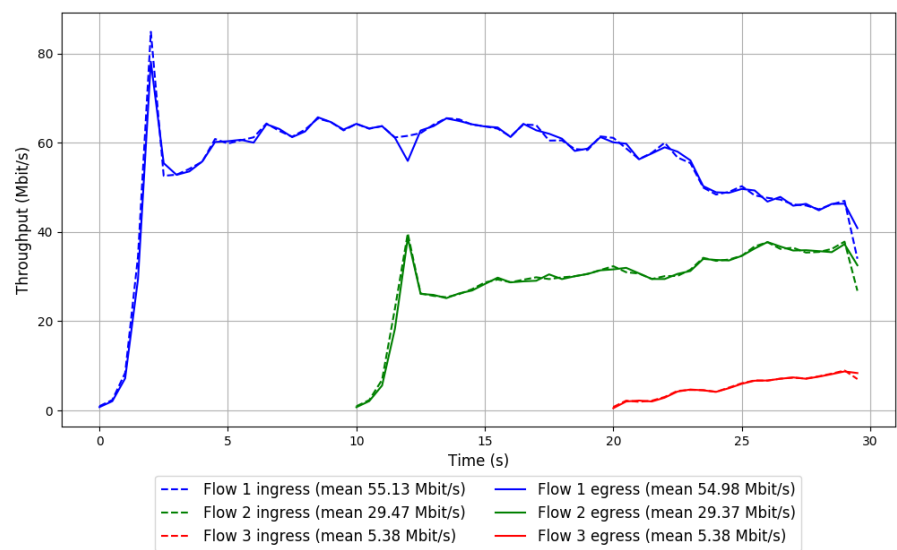


Run 5: Statistics of Vivace-latency

Start at: 2018-03-27 19:57:20
End at: 2018-03-27 19:57:50
Local clock offset: -3.753 ms
Remote clock offset: -13.062 ms

Below is generated by plot.py at 2018-03-27 22:55:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.28 Mbit/s
95th percentile per-packet one-way delay: 77.062 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 54.98 Mbit/s
95th percentile per-packet one-way delay: 76.608 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 29.37 Mbit/s
95th percentile per-packet one-way delay: 78.050 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 5.38 Mbit/s
95th percentile per-packet one-way delay: 76.942 ms
Loss rate: 0.00%

Run 5: Report of Vivace-latency — Data Link

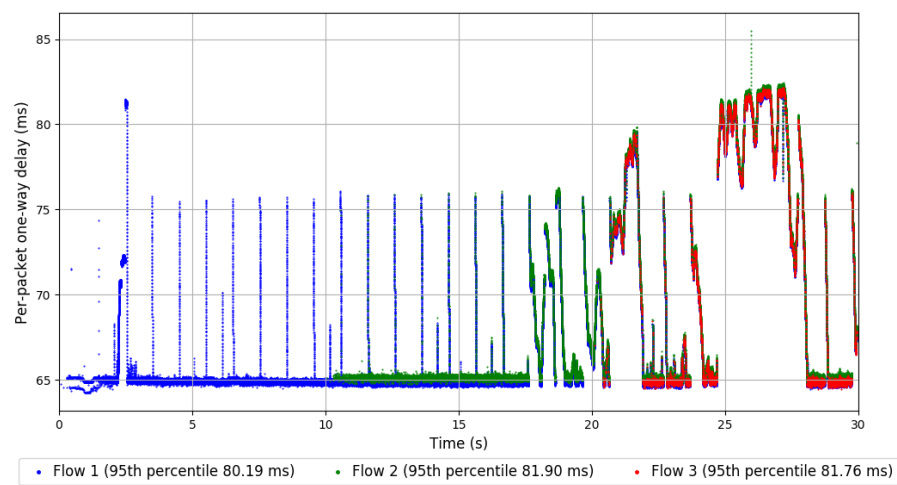
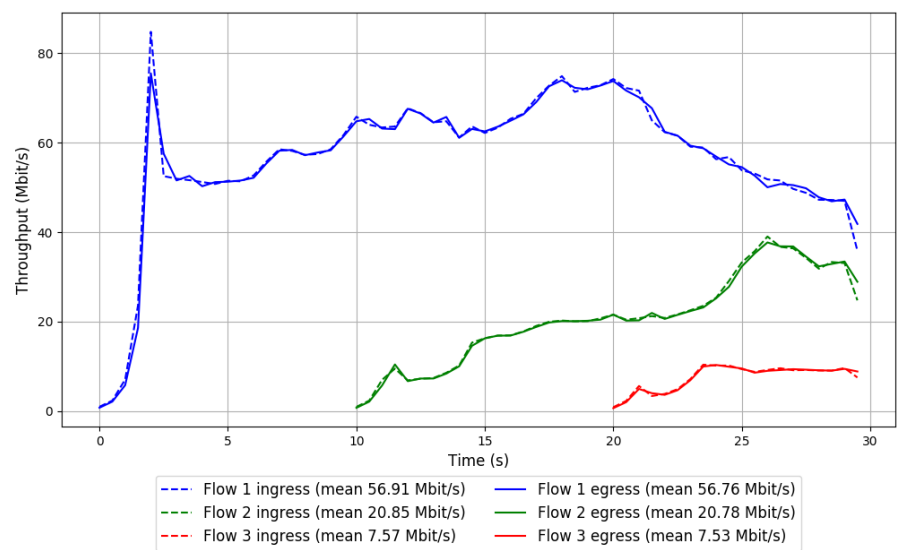


Run 6: Statistics of Vivace-latency

Start at: 2018-03-27 20:20:43
End at: 2018-03-27 20:21:13
Local clock offset: -3.333 ms
Remote clock offset: -15.056 ms

Below is generated by plot.py at 2018-03-27 22:55:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.04 Mbit/s
95th percentile per-packet one-way delay: 81.117 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 56.76 Mbit/s
95th percentile per-packet one-way delay: 80.186 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 20.78 Mbit/s
95th percentile per-packet one-way delay: 81.900 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 7.53 Mbit/s
95th percentile per-packet one-way delay: 81.763 ms
Loss rate: 0.57%

Run 6: Report of Vivace-latency — Data Link

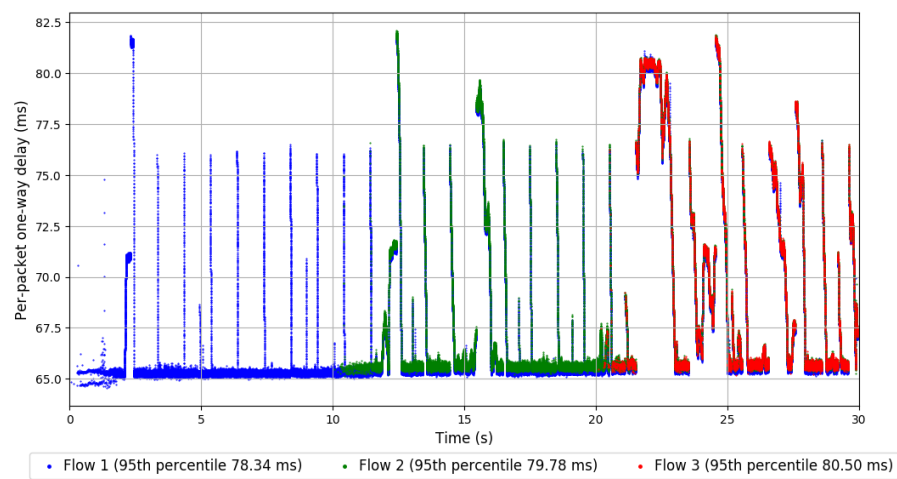
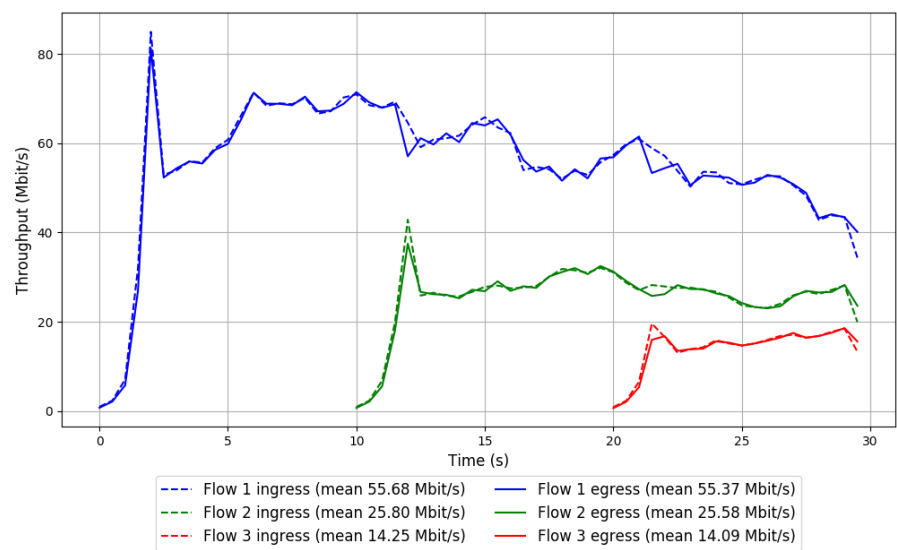


Run 7: Statistics of Vivace-latency

Start at: 2018-03-27 20:43:54
End at: 2018-03-27 20:44:24
Local clock offset: -3.923 ms
Remote clock offset: -10.176 ms

Below is generated by plot.py at 2018-03-27 22:55:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.02 Mbit/s
95th percentile per-packet one-way delay: 79.236 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 55.37 Mbit/s
95th percentile per-packet one-way delay: 78.343 ms
Loss rate: 0.57%
-- Flow 2:
Average throughput: 25.58 Mbit/s
95th percentile per-packet one-way delay: 79.775 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 14.09 Mbit/s
95th percentile per-packet one-way delay: 80.496 ms
Loss rate: 1.09%

Run 7: Report of Vivace-latency — Data Link

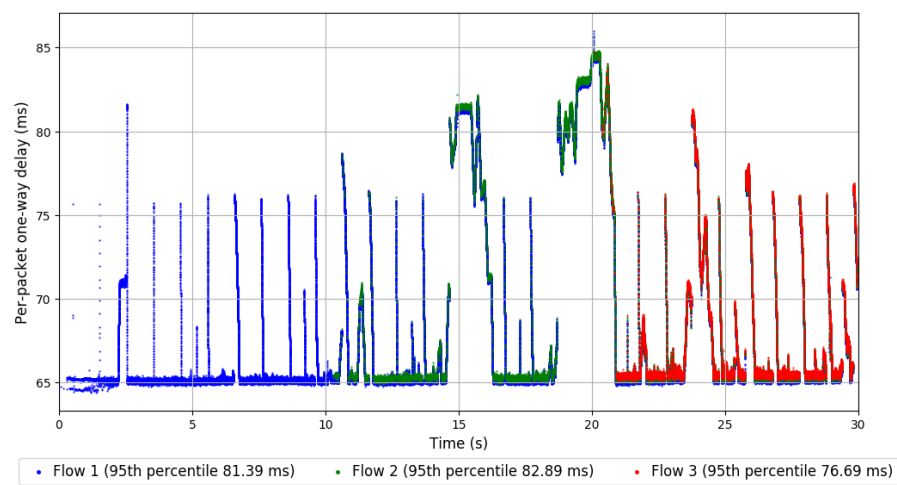
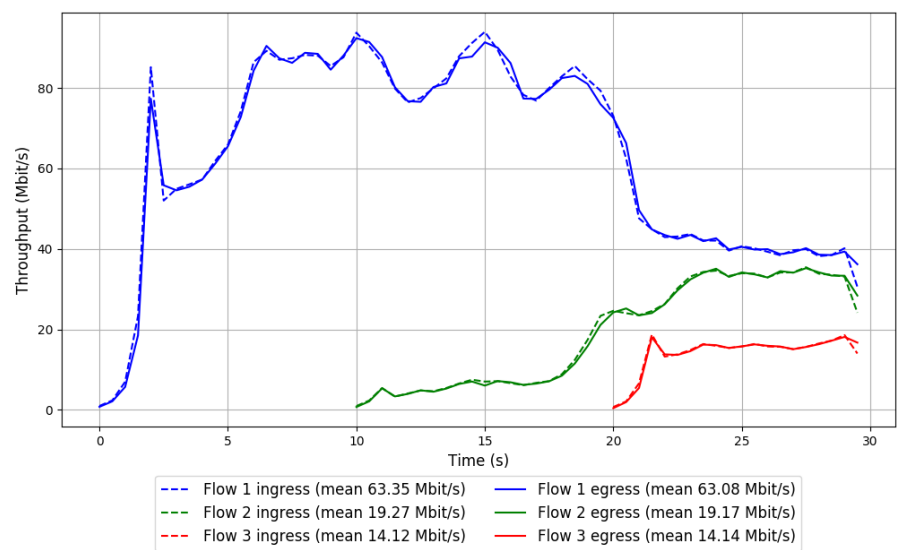


Run 8: Statistics of Vivace-latency

Start at: 2018-03-27 21:07:08
End at: 2018-03-27 21:07:38
Local clock offset: -2.784 ms
Remote clock offset: -9.097 ms

Below is generated by plot.py at 2018-03-27 22:55:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.48 Mbit/s
95th percentile per-packet one-way delay: 81.404 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 63.08 Mbit/s
95th percentile per-packet one-way delay: 81.394 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 19.17 Mbit/s
95th percentile per-packet one-way delay: 82.885 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 14.14 Mbit/s
95th percentile per-packet one-way delay: 76.687 ms
Loss rate: 0.00%

Run 8: Report of Vivace-latency — Data Link

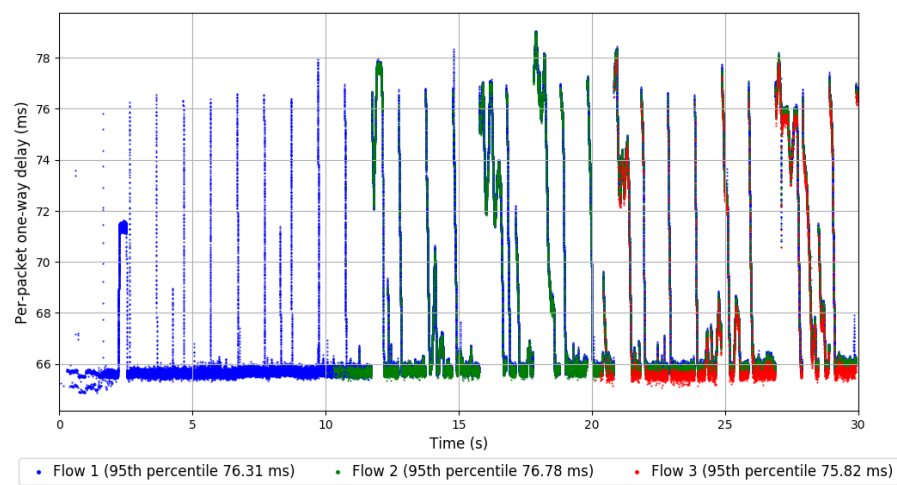
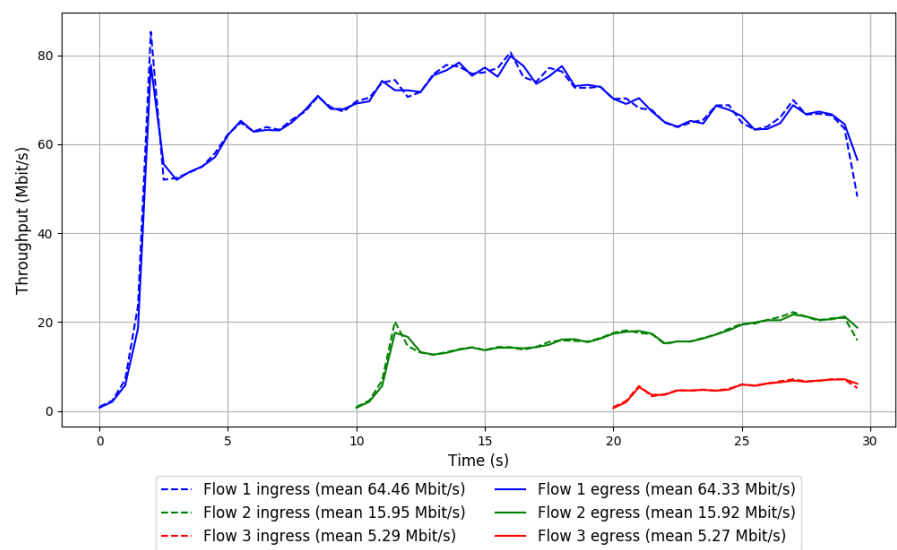


Run 9: Statistics of Vivace-latency

Start at: 2018-03-27 21:30:02
End at: 2018-03-27 21:30:32
Local clock offset: 7.933 ms
Remote clock offset: -8.274 ms

Below is generated by plot.py at 2018-03-27 22:55:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.65 Mbit/s
95th percentile per-packet one-way delay: 76.383 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 64.33 Mbit/s
95th percentile per-packet one-way delay: 76.308 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 15.92 Mbit/s
95th percentile per-packet one-way delay: 76.782 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 5.27 Mbit/s
95th percentile per-packet one-way delay: 75.824 ms
Loss rate: 0.40%

Run 9: Report of Vivace-latency — Data Link



Run 10: Statistics of Vivace-latency

/home/ubuntu/pantheon_data/2018-03-27T18-16-AWS-Korea-to-China-10-runs-3-flows/vivace_laten

Run 10: Report of Vivace-latency — Data Link

Figure is missing

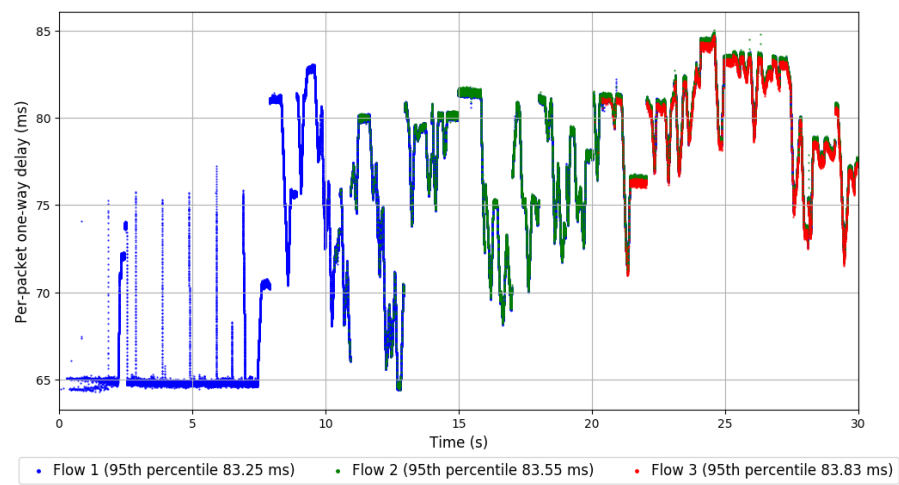
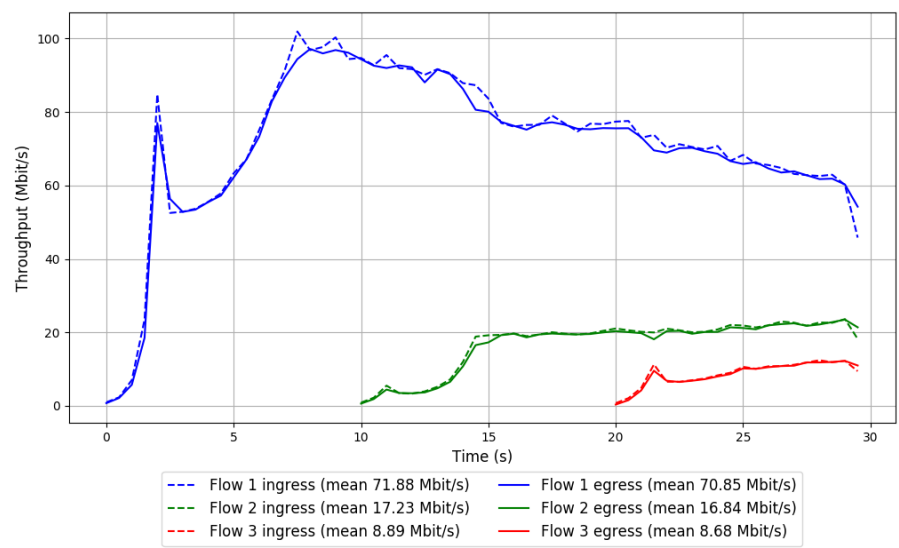
Figure is missing

Run 1: Statistics of Vivace-loss

Start at: 2018-03-27 18:35:57
End at: 2018-03-27 18:36:27
Local clock offset: 9.727 ms
Remote clock offset: -0.606 ms

Below is generated by plot.py at 2018-03-27 22:56:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.91 Mbit/s
95th percentile per-packet one-way delay: 83.331 ms
Loss rate: 1.53%
-- Flow 1:
Average throughput: 70.85 Mbit/s
95th percentile per-packet one-way delay: 83.245 ms
Loss rate: 1.38%
-- Flow 2:
Average throughput: 16.84 Mbit/s
95th percentile per-packet one-way delay: 83.551 ms
Loss rate: 2.25%
-- Flow 3:
Average throughput: 8.68 Mbit/s
95th percentile per-packet one-way delay: 83.825 ms
Loss rate: 2.30%

Run 1: Report of Vivace-loss — Data Link

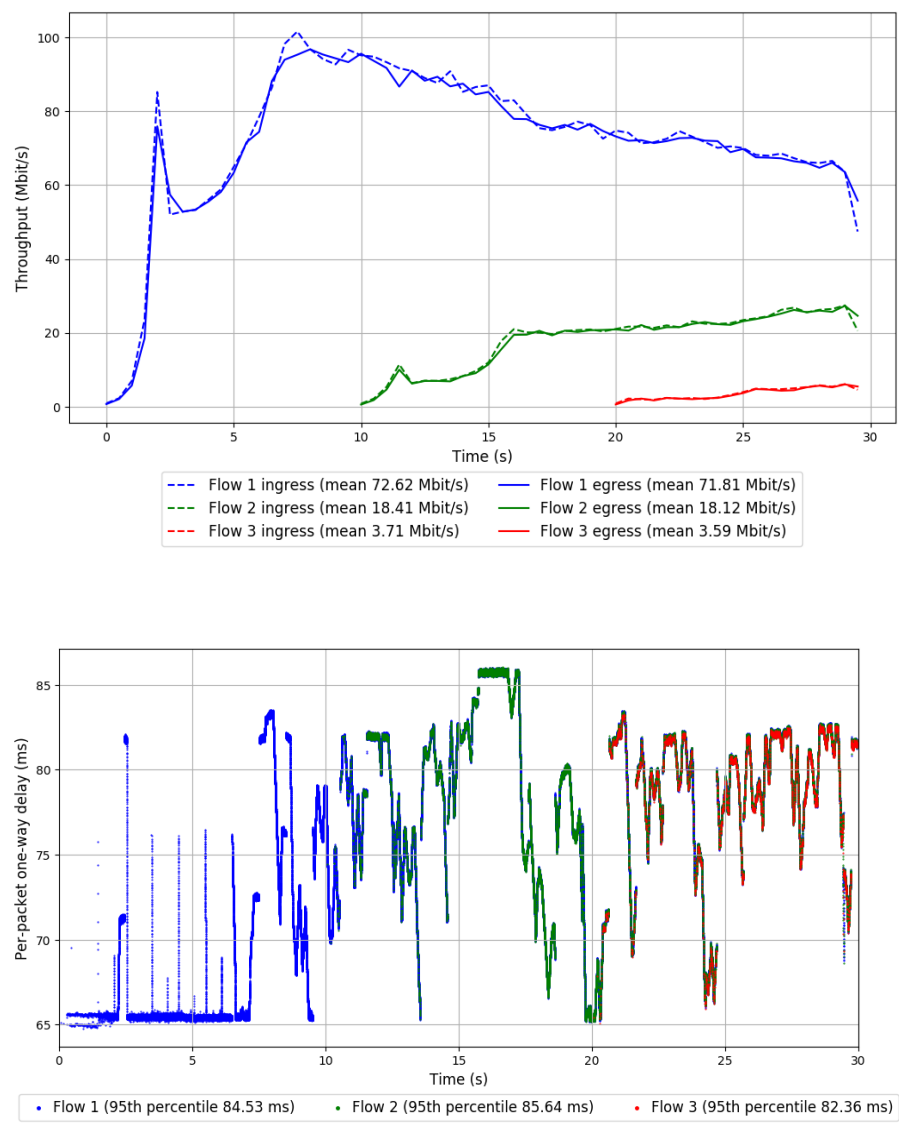


Run 2: Statistics of Vivace-loss

Start at: 2018-03-27 18:59:07
End at: 2018-03-27 18:59:37
Local clock offset: 16.461 ms
Remote clock offset: 30.078 ms

Below is generated by plot.py at 2018-03-27 22:56:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.04 Mbit/s
95th percentile per-packet one-way delay: 84.715 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 71.81 Mbit/s
95th percentile per-packet one-way delay: 84.530 ms
Loss rate: 1.06%
-- Flow 2:
Average throughput: 18.12 Mbit/s
95th percentile per-packet one-way delay: 85.635 ms
Loss rate: 1.54%
-- Flow 3:
Average throughput: 3.59 Mbit/s
95th percentile per-packet one-way delay: 82.356 ms
Loss rate: 3.07%

Run 2: Report of Vivace-loss — Data Link

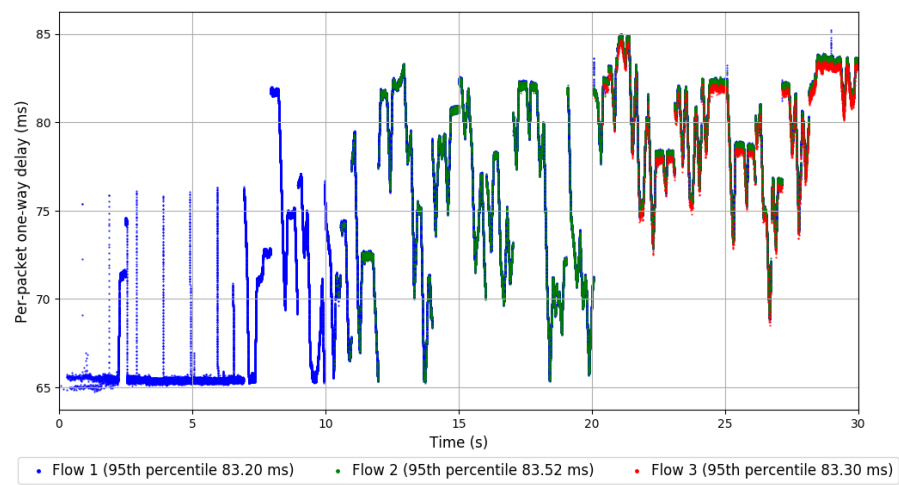
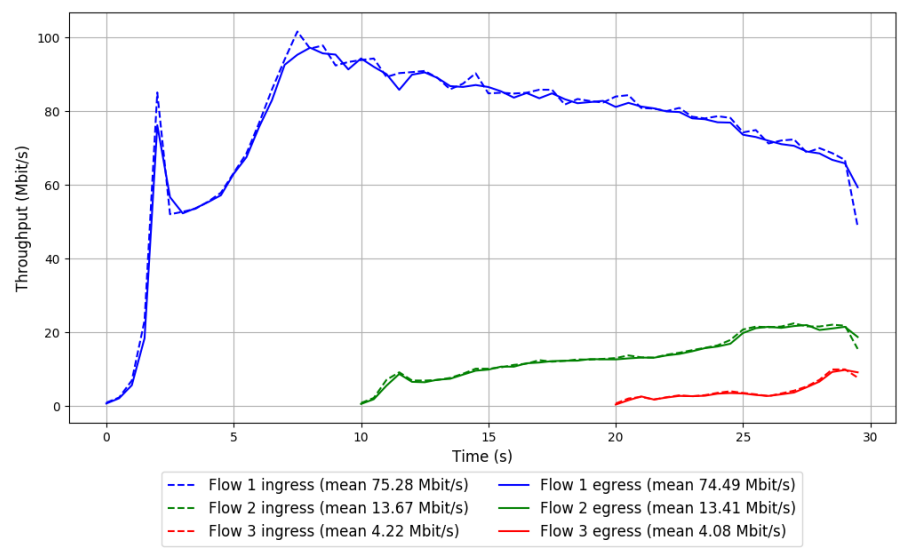


Run 3: Statistics of Vivace-loss

Start at: 2018-03-27 19:22:08
End at: 2018-03-27 19:22:38
Local clock offset: 0.362 ms
Remote clock offset: 10.101 ms

Below is generated by plot.py at 2018-03-27 22:56:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.75 Mbit/s
95th percentile per-packet one-way delay: 83.325 ms
Loss rate: 1.12%
-- Flow 1:
Average throughput: 74.49 Mbit/s
95th percentile per-packet one-way delay: 83.199 ms
Loss rate: 0.99%
-- Flow 2:
Average throughput: 13.41 Mbit/s
95th percentile per-packet one-way delay: 83.516 ms
Loss rate: 1.86%
-- Flow 3:
Average throughput: 4.08 Mbit/s
95th percentile per-packet one-way delay: 83.300 ms
Loss rate: 3.38%

Run 3: Report of Vivace-loss — Data Link

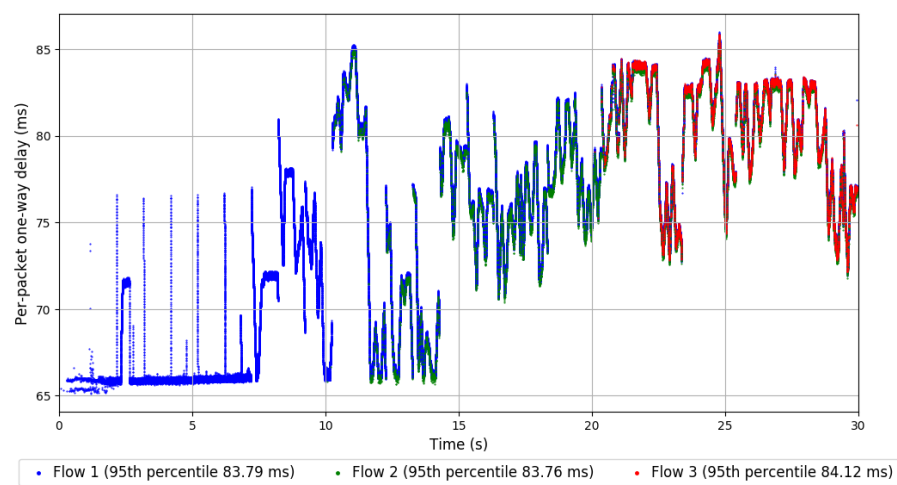
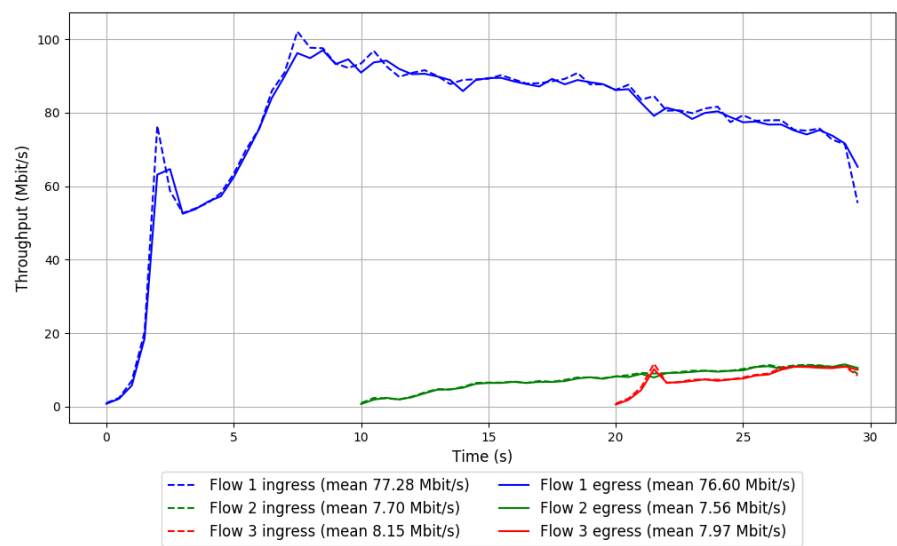


Run 4: Statistics of Vivace-loss

Start at: 2018-03-27 19:45:34
End at: 2018-03-27 19:46:04
Local clock offset: -2.647 ms
Remote clock offset: -1.265 ms

Below is generated by plot.py at 2018-03-27 22:56:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.25 Mbit/s
95th percentile per-packet one-way delay: 83.824 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 76.60 Mbit/s
95th percentile per-packet one-way delay: 83.792 ms
Loss rate: 0.83%
-- Flow 2:
Average throughput: 7.56 Mbit/s
95th percentile per-packet one-way delay: 83.756 ms
Loss rate: 1.86%
-- Flow 3:
Average throughput: 7.97 Mbit/s
95th percentile per-packet one-way delay: 84.125 ms
Loss rate: 2.22%

Run 4: Report of Vivace-loss — Data Link

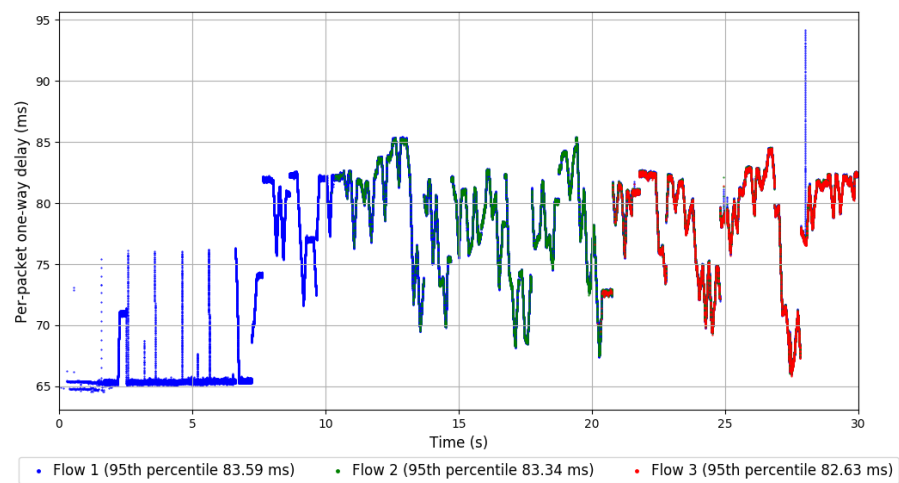
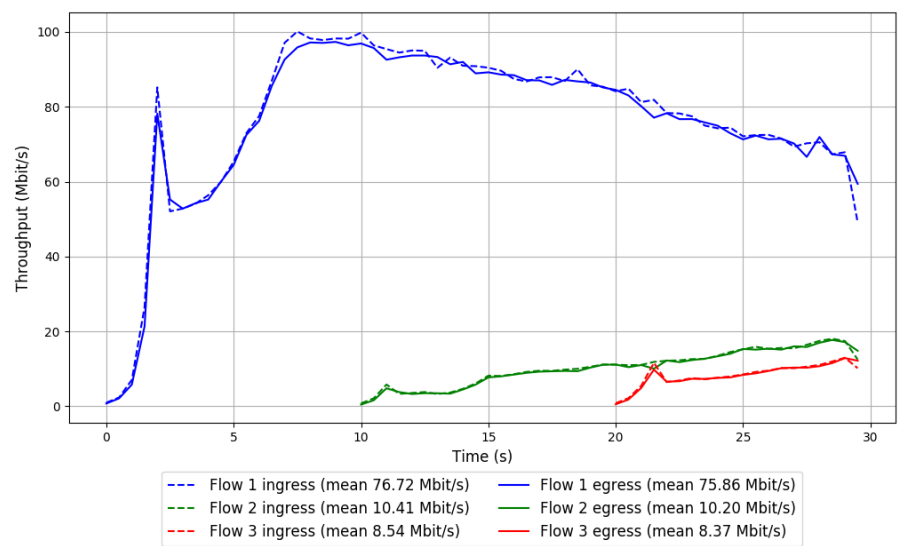


Run 5: Statistics of Vivace-loss

Start at: 2018-03-27 20:08:47
End at: 2018-03-27 20:09:17
Local clock offset: -5.14 ms
Remote clock offset: -18.63 ms

Below is generated by plot.py at 2018-03-27 22:57:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.40 Mbit/s
95th percentile per-packet one-way delay: 83.556 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 75.86 Mbit/s
95th percentile per-packet one-way delay: 83.586 ms
Loss rate: 1.07%
-- Flow 2:
Average throughput: 10.20 Mbit/s
95th percentile per-packet one-way delay: 83.336 ms
Loss rate: 2.07%
-- Flow 3:
Average throughput: 8.37 Mbit/s
95th percentile per-packet one-way delay: 82.631 ms
Loss rate: 1.87%

Run 5: Report of Vivace-loss — Data Link

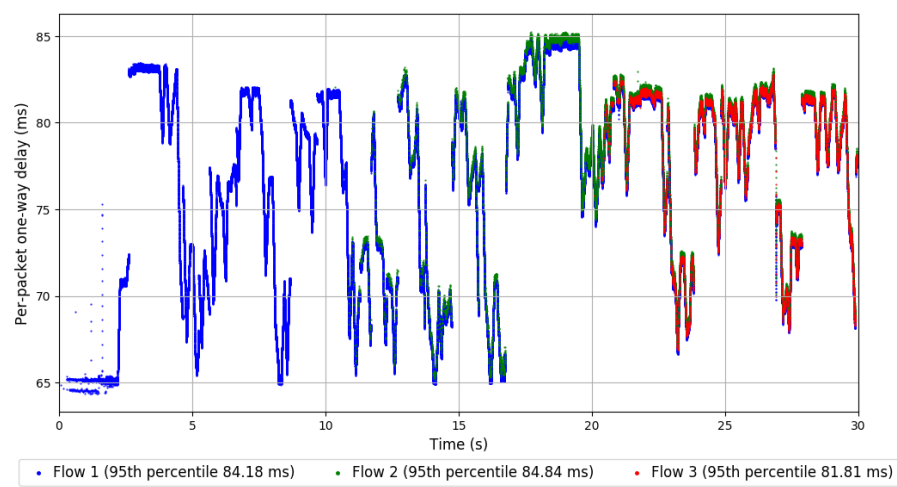
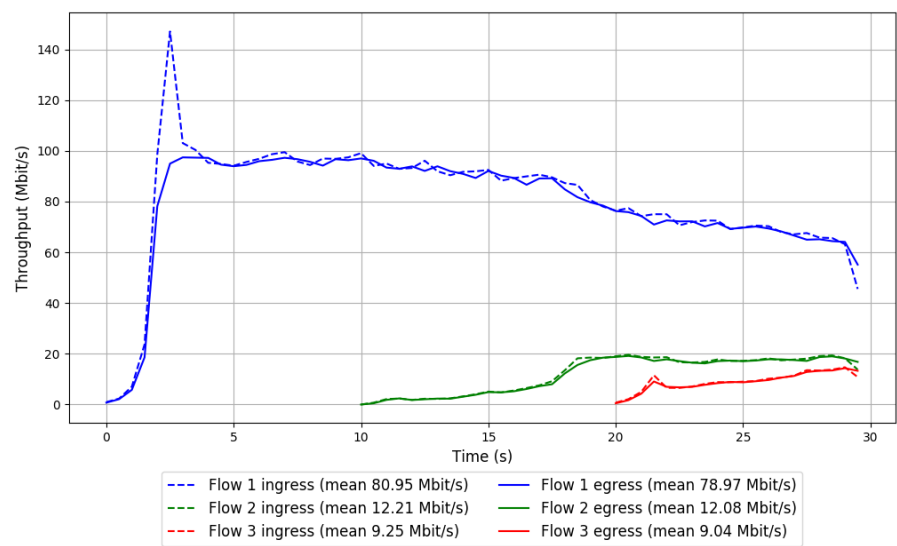


Run 6: Statistics of Vivace-loss

Start at: 2018-03-27 20:32:15
End at: 2018-03-27 20:32:45
Local clock offset: -3.574 ms
Remote clock offset: -10.463 ms

Below is generated by plot.py at 2018-03-27 22:57:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.88 Mbit/s
95th percentile per-packet one-way delay: 84.238 ms
Loss rate: 2.39%
-- Flow 1:
Average throughput: 78.97 Mbit/s
95th percentile per-packet one-way delay: 84.183 ms
Loss rate: 2.40%
-- Flow 2:
Average throughput: 12.08 Mbit/s
95th percentile per-packet one-way delay: 84.837 ms
Loss rate: 2.34%
-- Flow 3:
Average throughput: 9.04 Mbit/s
95th percentile per-packet one-way delay: 81.811 ms
Loss rate: 2.16%

Run 6: Report of Vivace-loss — Data Link

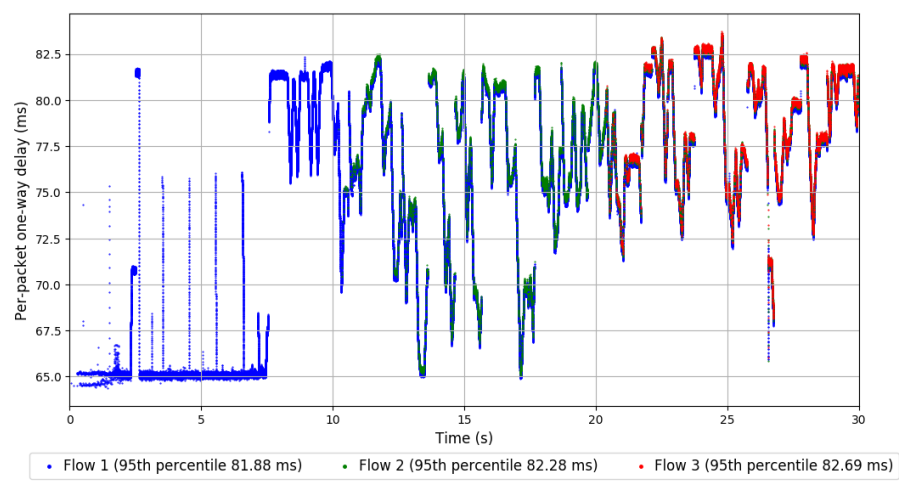
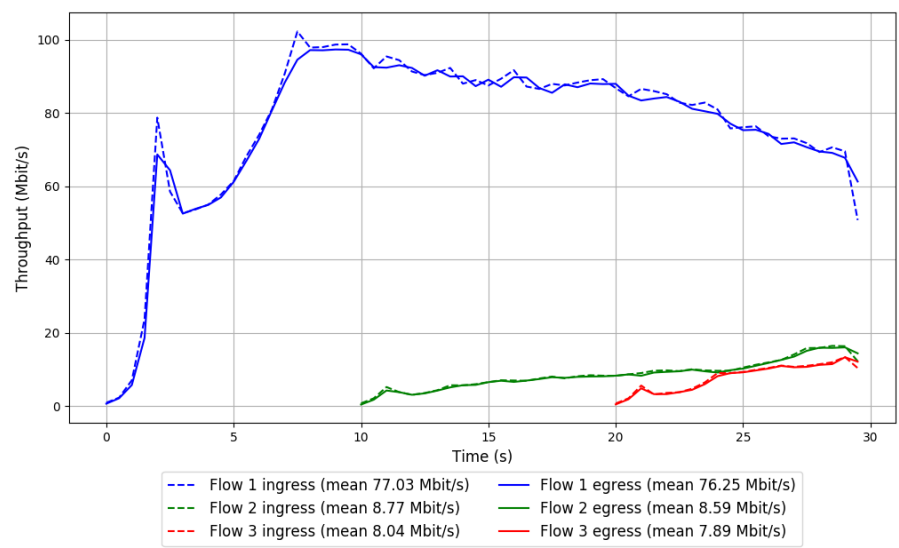


Run 7: Statistics of Vivace-loss

Start at: 2018-03-27 20:55:39
End at: 2018-03-27 20:56:09
Local clock offset: -2.849 ms
Remote clock offset: -9.486 ms

Below is generated by plot.py at 2018-03-27 22:57:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.56 Mbit/s
95th percentile per-packet one-way delay: 81.939 ms
Loss rate: 1.07%
-- Flow 1:
Average throughput: 76.25 Mbit/s
95th percentile per-packet one-way delay: 81.882 ms
Loss rate: 0.97%
-- Flow 2:
Average throughput: 8.59 Mbit/s
95th percentile per-packet one-way delay: 82.283 ms
Loss rate: 2.00%
-- Flow 3:
Average throughput: 7.89 Mbit/s
95th percentile per-packet one-way delay: 82.695 ms
Loss rate: 1.93%

Run 7: Report of Vivace-loss — Data Link

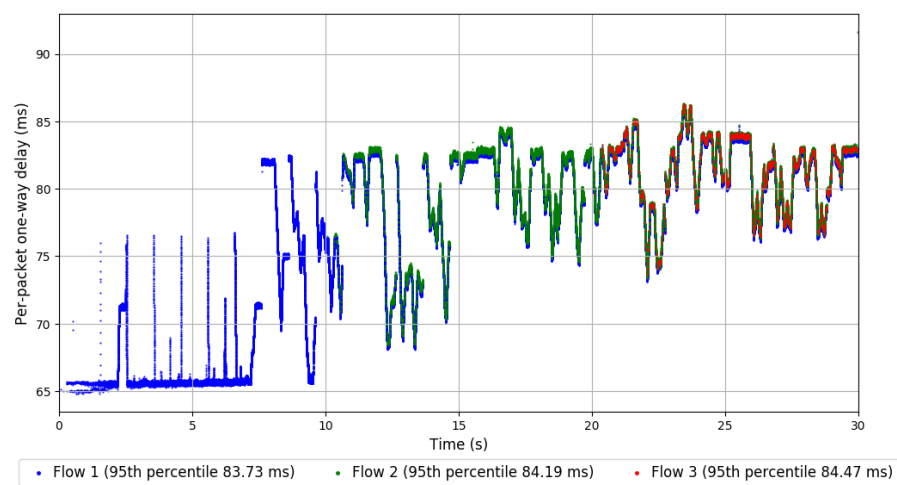
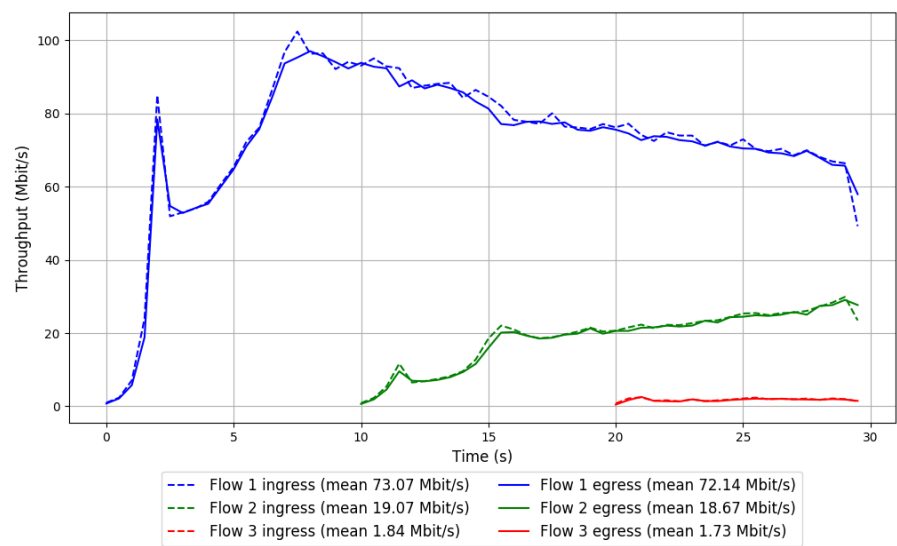


Run 8: Statistics of Vivace-loss

Start at: 2018-03-27 21:18:28
End at: 2018-03-27 21:18:58
Local clock offset: -0.756 ms
Remote clock offset: -9.338 ms

Below is generated by plot.py at 2018-03-27 22:57:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.10 Mbit/s
95th percentile per-packet one-way delay: 83.850 ms
Loss rate: 1.38%
-- Flow 1:
Average throughput: 72.14 Mbit/s
95th percentile per-packet one-way delay: 83.732 ms
Loss rate: 1.22%
-- Flow 2:
Average throughput: 18.67 Mbit/s
95th percentile per-packet one-way delay: 84.195 ms
Loss rate: 2.05%
-- Flow 3:
Average throughput: 1.73 Mbit/s
95th percentile per-packet one-way delay: 84.467 ms
Loss rate: 5.89%

Run 8: Report of Vivace-loss — Data Link

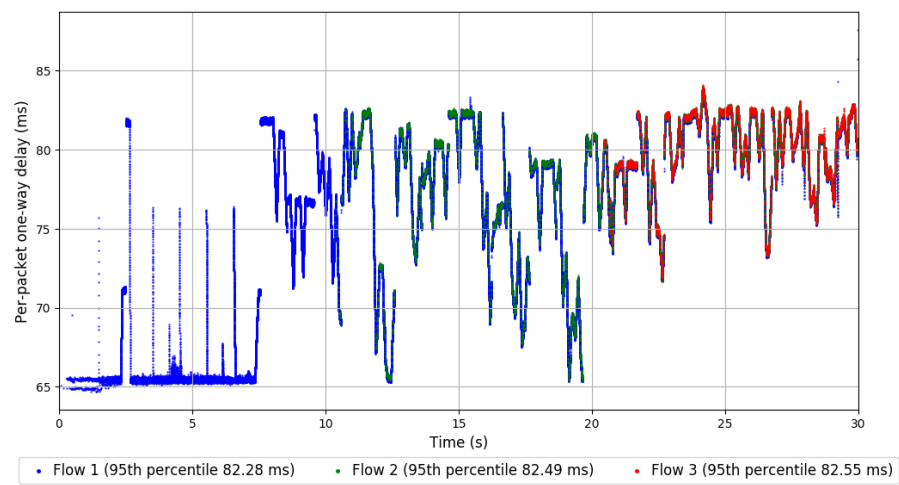
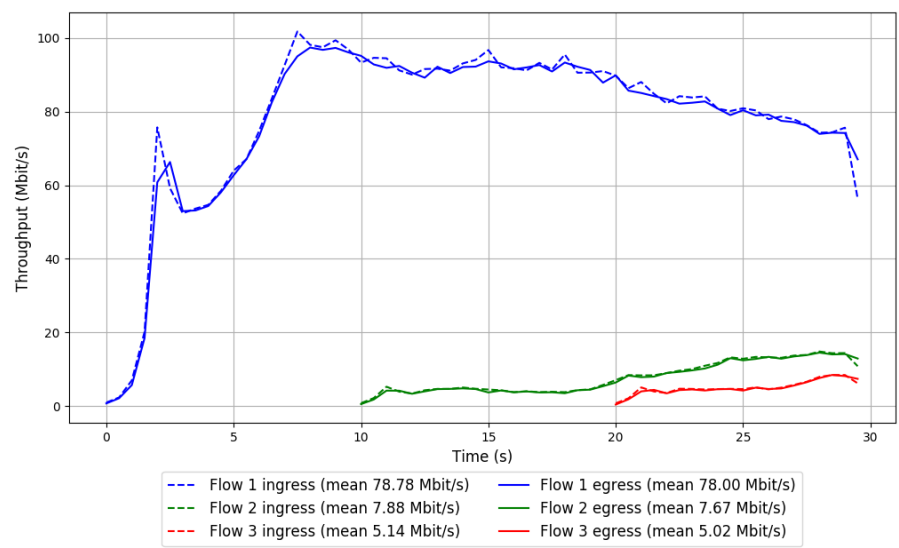


Run 9: Statistics of Vivace-loss

Start at: 2018-03-27 21:41:21
End at: 2018-03-27 21:41:51
Local clock offset: 11.432 ms
Remote clock offset: -7.431 ms

Below is generated by plot.py at 2018-03-27 22:57:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.74 Mbit/s
95th percentile per-packet one-way delay: 82.302 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 78.00 Mbit/s
95th percentile per-packet one-way delay: 82.277 ms
Loss rate: 0.93%
-- Flow 2:
Average throughput: 7.67 Mbit/s
95th percentile per-packet one-way delay: 82.487 ms
Loss rate: 2.56%
-- Flow 3:
Average throughput: 5.02 Mbit/s
95th percentile per-packet one-way delay: 82.554 ms
Loss rate: 2.48%

Run 9: Report of Vivace-loss — Data Link

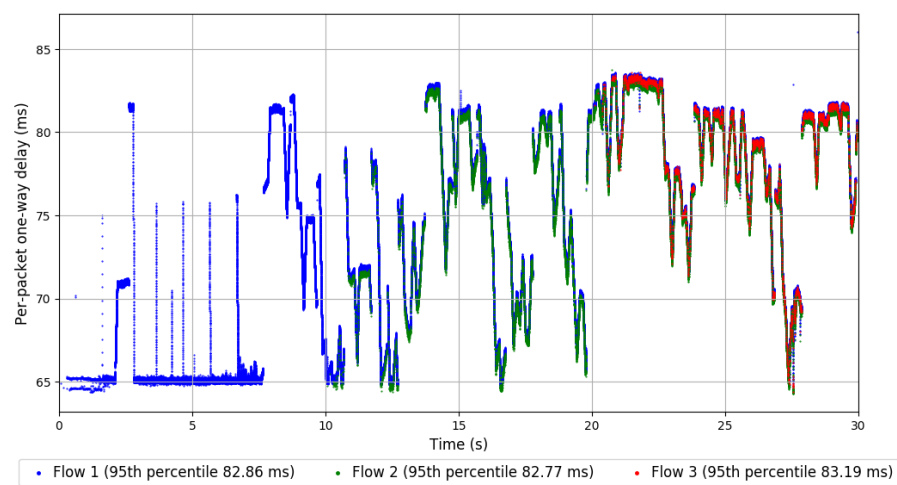
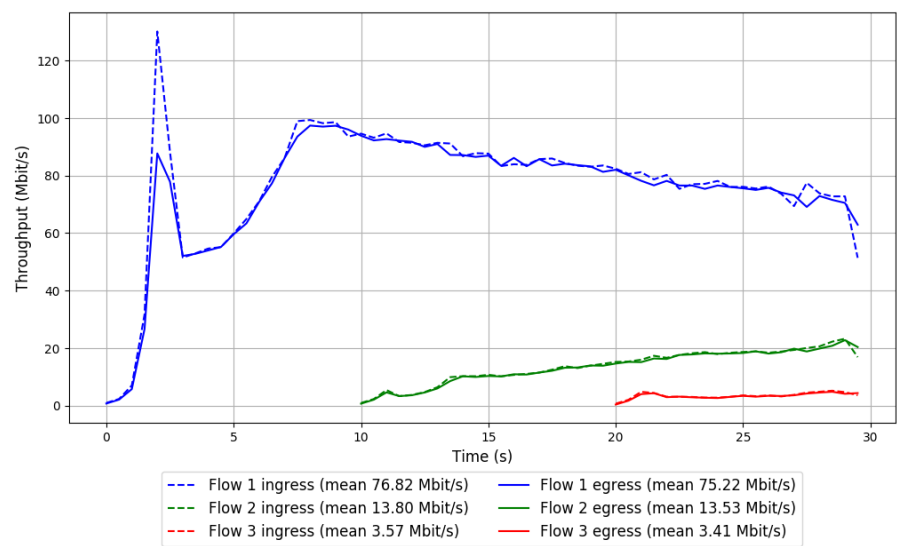


Run 10: Statistics of Vivace-loss

Start at: 2018-03-27 22:04:47
End at: 2018-03-27 22:05:17
Local clock offset: 3.831 ms
Remote clock offset: -1.066 ms

Below is generated by plot.py at 2018-03-27 22:57:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.34 Mbit/s
95th percentile per-packet one-way delay: 82.855 ms
Loss rate: 2.03%
-- Flow 1:
Average throughput: 75.22 Mbit/s
95th percentile per-packet one-way delay: 82.859 ms
Loss rate: 2.02%
-- Flow 2:
Average throughput: 13.53 Mbit/s
95th percentile per-packet one-way delay: 82.774 ms
Loss rate: 1.84%
-- Flow 3:
Average throughput: 3.41 Mbit/s
95th percentile per-packet one-way delay: 83.187 ms
Loss rate: 4.59%

Run 10: Report of Vivace-loss — Data Link

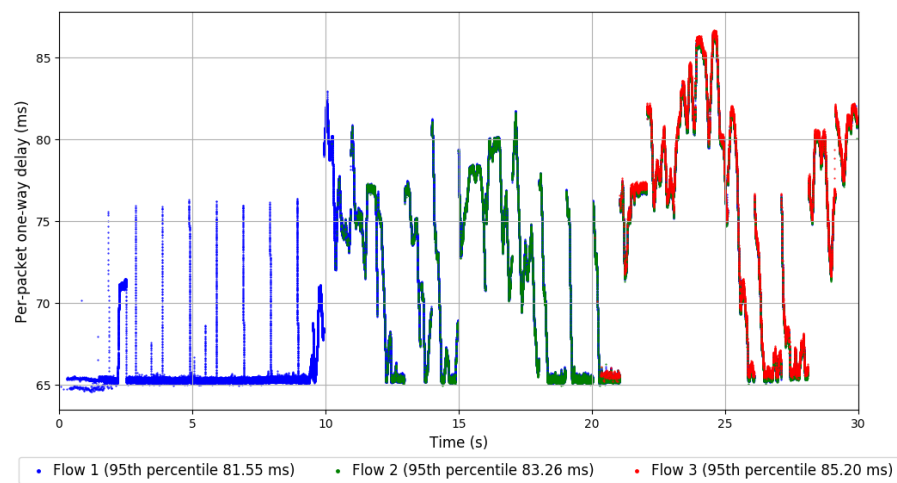
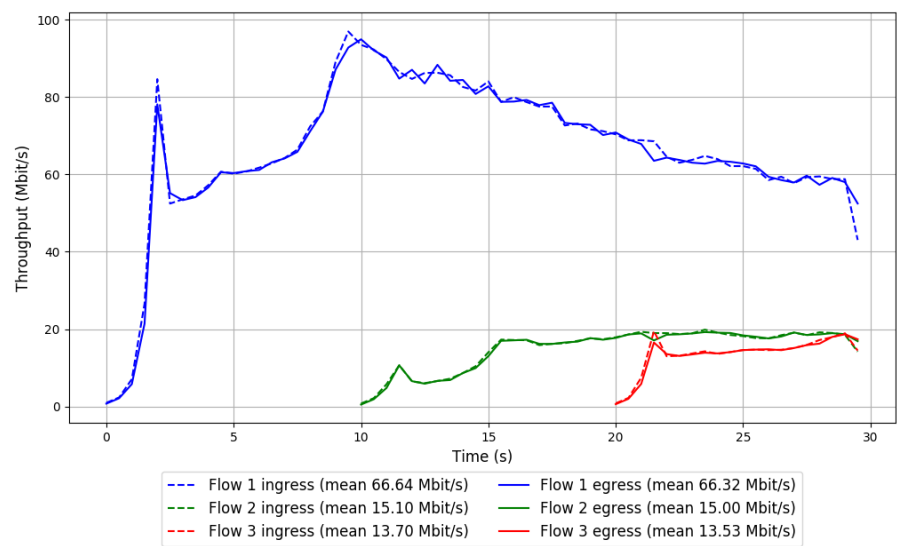


Run 1: Statistics of Vivace-LTE

Start at: 2018-03-27 18:25:27
End at: 2018-03-27 18:25:57
Local clock offset: 1.358 ms
Remote clock offset: -9.426 ms

Below is generated by plot.py at 2018-03-27 22:58:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.75 Mbit/s
95th percentile per-packet one-way delay: 81.817 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 66.32 Mbit/s
95th percentile per-packet one-way delay: 81.547 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 15.00 Mbit/s
95th percentile per-packet one-way delay: 83.264 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 13.53 Mbit/s
95th percentile per-packet one-way delay: 85.203 ms
Loss rate: 1.17%

Run 1: Report of Vivace-LTE — Data Link

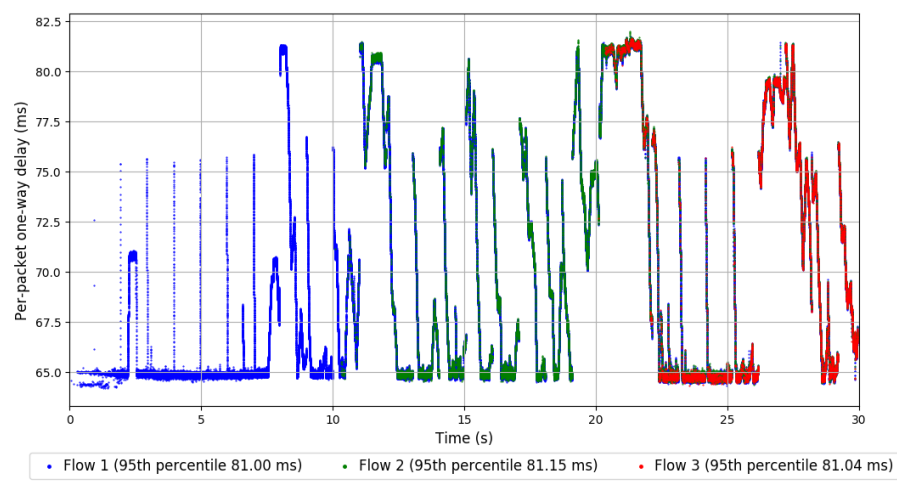
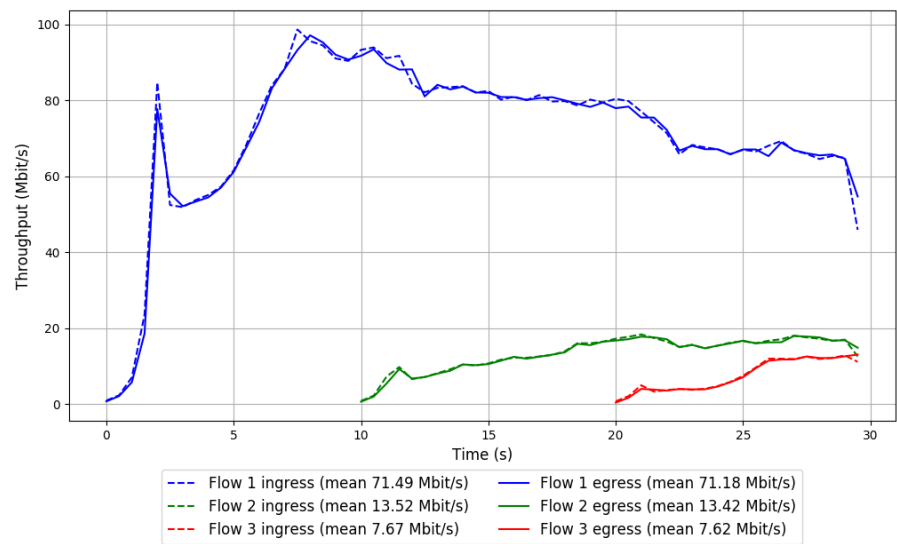


Run 2: Statistics of Vivace-LTE

Start at: 2018-03-27 18:48:56
End at: 2018-03-27 18:49:26
Local clock offset: 14.359 ms
Remote clock offset: 21.507 ms

Below is generated by plot.py at 2018-03-27 22:58:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.61 Mbit/s
95th percentile per-packet one-way delay: 81.023 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 71.18 Mbit/s
95th percentile per-packet one-way delay: 81.002 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 13.42 Mbit/s
95th percentile per-packet one-way delay: 81.148 ms
Loss rate: 0.75%
-- Flow 3:
Average throughput: 7.62 Mbit/s
95th percentile per-packet one-way delay: 81.037 ms
Loss rate: 0.70%

Run 2: Report of Vivace-LTE — Data Link

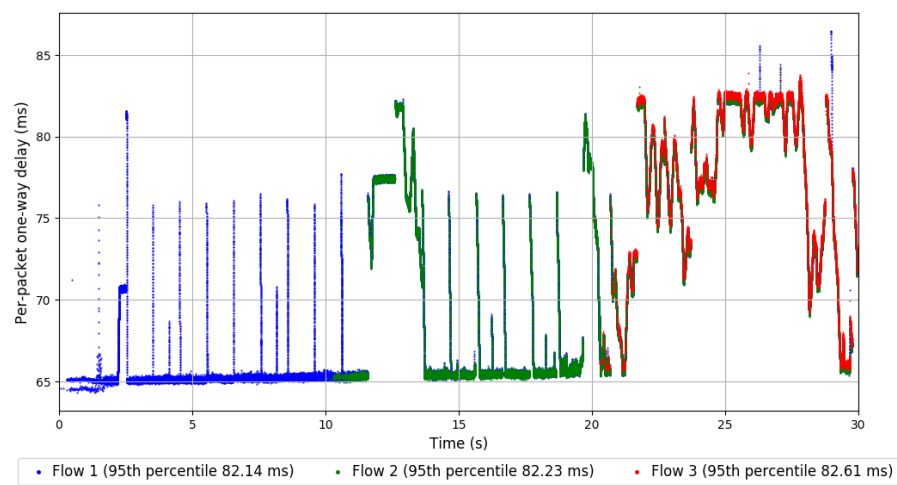
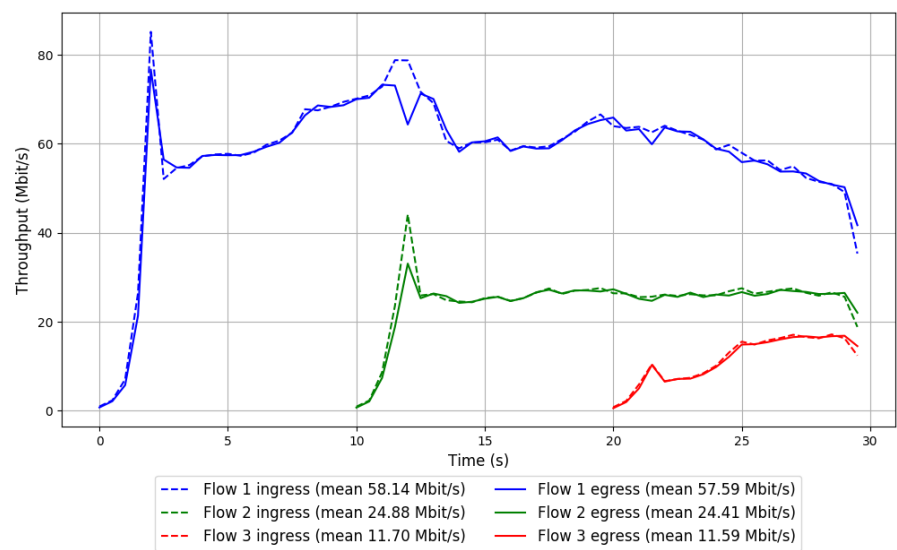


Run 3: Statistics of Vivace-LTE

Start at: 2018-03-27 19:12:00
End at: 2018-03-27 19:12:30
Local clock offset: 4.509 ms
Remote clock offset: 21.721 ms

Below is generated by plot.py at 2018-03-27 22:58:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.64 Mbit/s
95th percentile per-packet one-way delay: 82.227 ms
Loss rate: 1.12%
-- Flow 1:
Average throughput: 57.59 Mbit/s
95th percentile per-packet one-way delay: 82.143 ms
Loss rate: 0.92%
-- Flow 2:
Average throughput: 24.41 Mbit/s
95th percentile per-packet one-way delay: 82.234 ms
Loss rate: 1.84%
-- Flow 3:
Average throughput: 11.59 Mbit/s
95th percentile per-packet one-way delay: 82.612 ms
Loss rate: 1.04%

Run 3: Report of Vivace-LTE — Data Link



Run 4: Statistics of Vivace-LTE

Start at: 2018-03-27 19:35:24

End at: 2018-03-27 19:35:54

Local clock offset: -2.464 ms

Remote clock offset: 6.669 ms

Below is generated by plot.py at 2018-03-27 22:58:30

Datalink statistics

-- Total of 3 flows:

Average throughput: 78.83 Mbit/s

95th percentile per-packet one-way delay: 84.583 ms

Loss rate: 0.42%

-- Flow 1:

Average throughput: 64.01 Mbit/s

95th percentile per-packet one-way delay: 83.930 ms

Loss rate: 0.37%

-- Flow 2:

Average throughput: 17.48 Mbit/s

95th percentile per-packet one-way delay: 85.320 ms

Loss rate: 0.49%

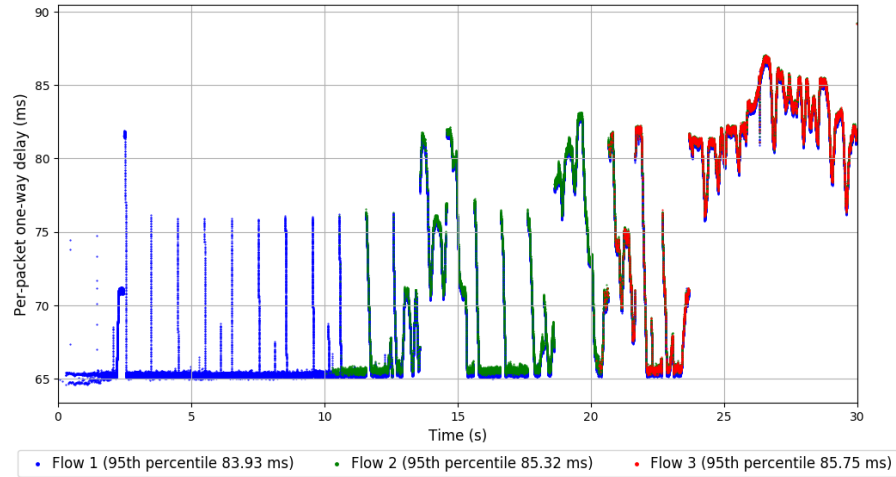
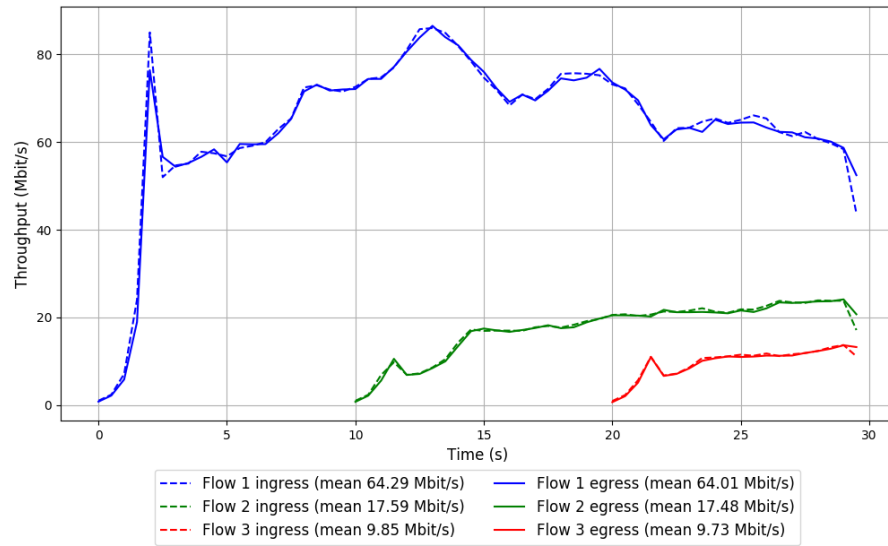
-- Flow 3:

Average throughput: 9.73 Mbit/s

95th percentile per-packet one-way delay: 85.753 ms

Loss rate: 1.06%

Run 4: Report of Vivace-LTE — Data Link

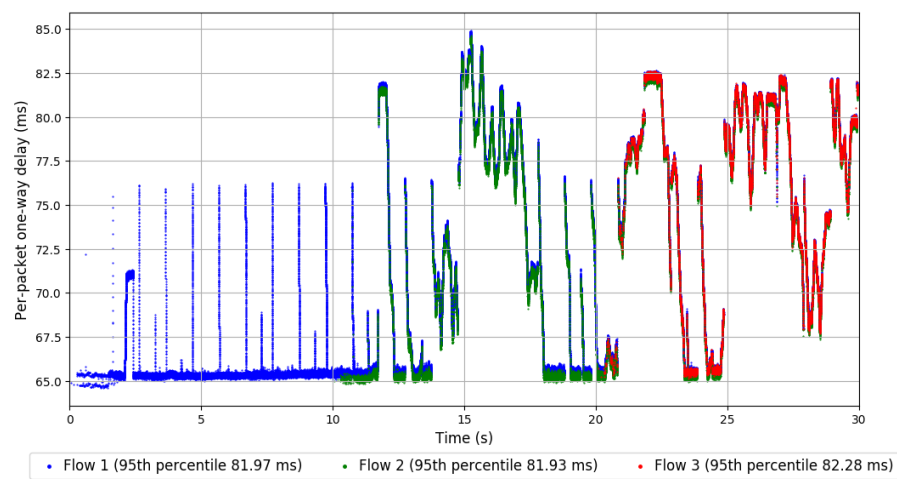
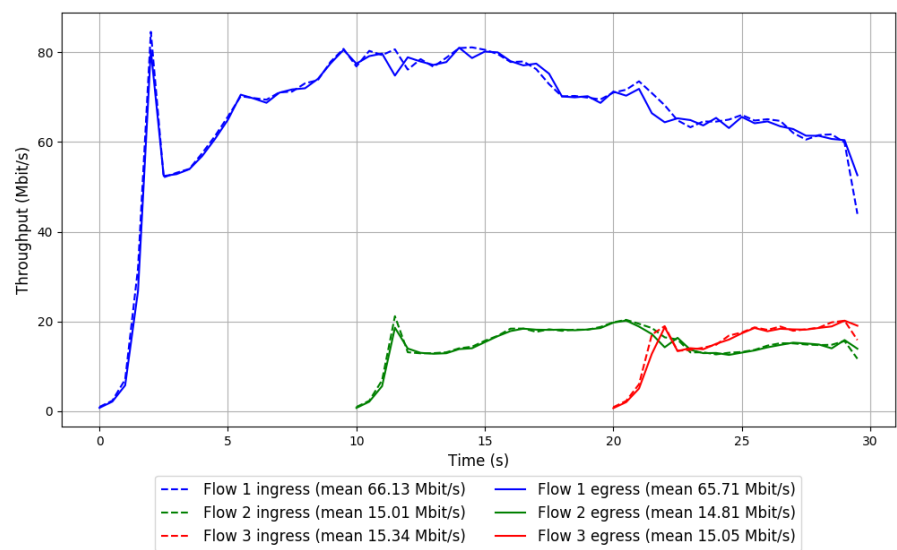


Run 5: Statistics of Vivace-LTE

Start at: 2018-03-27 19:58:37
End at: 2018-03-27 19:59:07
Local clock offset: -3.759 ms
Remote clock offset: -13.855 ms

Below is generated by plot.py at 2018-03-27 22:58:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.52 Mbit/s
95th percentile per-packet one-way delay: 82.018 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 65.71 Mbit/s
95th percentile per-packet one-way delay: 81.971 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 14.81 Mbit/s
95th percentile per-packet one-way delay: 81.930 ms
Loss rate: 1.28%
-- Flow 3:
Average throughput: 15.05 Mbit/s
95th percentile per-packet one-way delay: 82.280 ms
Loss rate: 1.76%

Run 5: Report of Vivace-LTE — Data Link

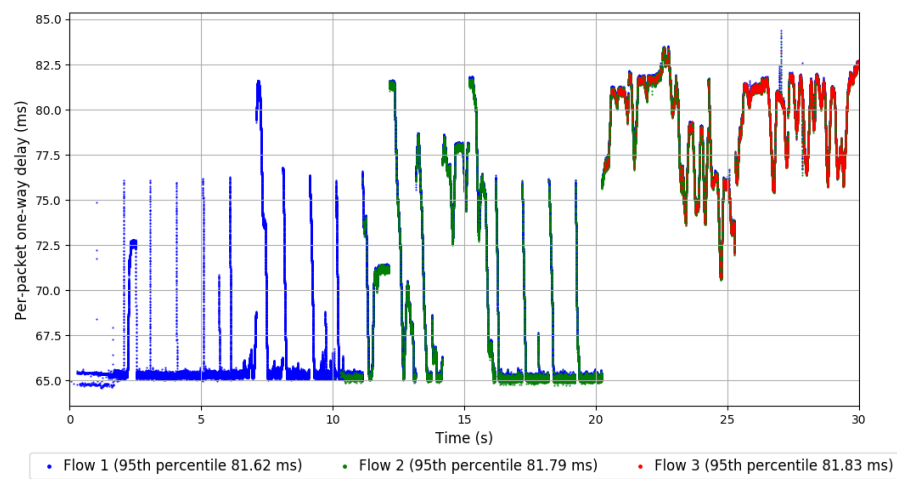
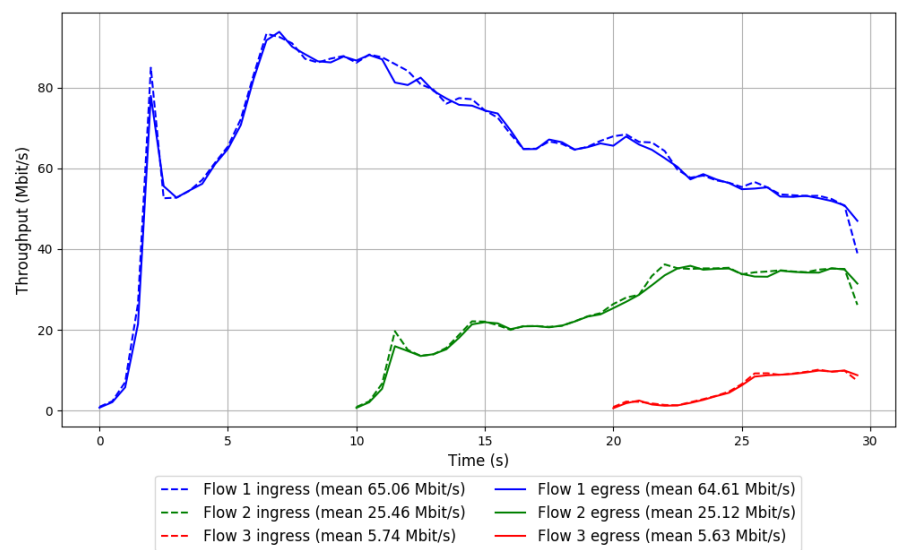


Run 6: Statistics of Vivace-LTE

Start at: 2018-03-27 20:22:05
End at: 2018-03-27 20:22:35
Local clock offset: -3.474 ms
Remote clock offset: -13.99 ms

Below is generated by plot.py at 2018-03-27 22:58:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.17 Mbit/s
95th percentile per-packet one-way delay: 81.677 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 64.61 Mbit/s
95th percentile per-packet one-way delay: 81.624 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 25.12 Mbit/s
95th percentile per-packet one-way delay: 81.793 ms
Loss rate: 1.25%
-- Flow 3:
Average throughput: 5.63 Mbit/s
95th percentile per-packet one-way delay: 81.832 ms
Loss rate: 1.83%

Run 6: Report of Vivace-LTE — Data Link

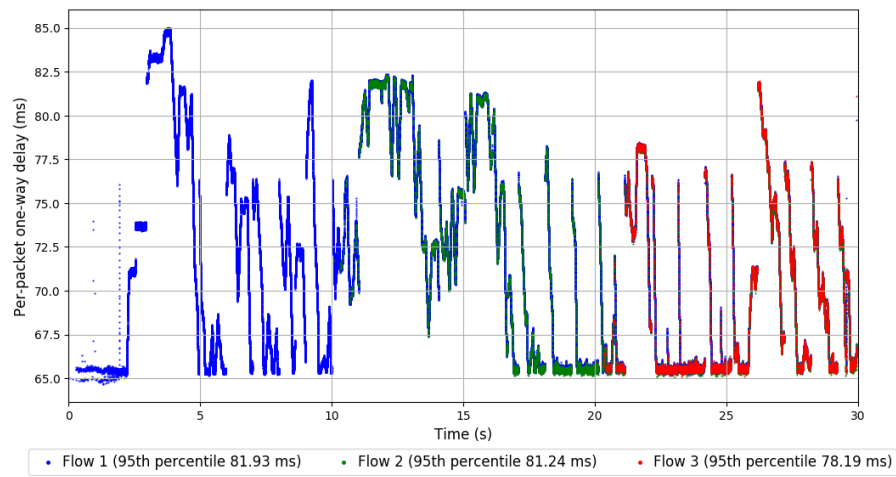
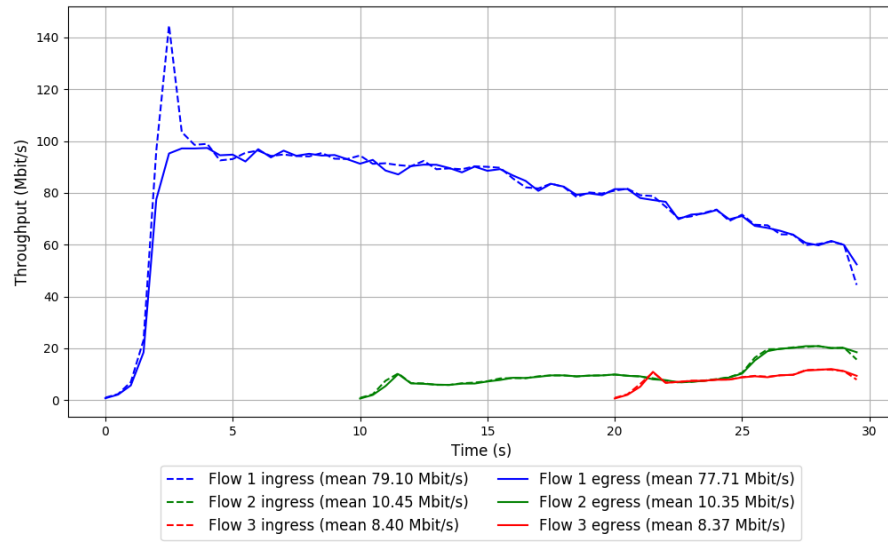


Run 7: Statistics of Vivace-LTE

Start at: 2018-03-27 20:45:11
End at: 2018-03-27 20:45:41
Local clock offset: -3.599 ms
Remote clock offset: -10.246 ms

Below is generated by plot.py at 2018-03-27 22:58:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.34 Mbit/s
95th percentile per-packet one-way delay: 81.870 ms
Loss rate: 1.61%
-- Flow 1:
Average throughput: 77.71 Mbit/s
95th percentile per-packet one-way delay: 81.927 ms
Loss rate: 1.72%
-- Flow 2:
Average throughput: 10.35 Mbit/s
95th percentile per-packet one-way delay: 81.240 ms
Loss rate: 0.93%
-- Flow 3:
Average throughput: 8.37 Mbit/s
95th percentile per-packet one-way delay: 78.191 ms
Loss rate: 0.28%

Run 7: Report of Vivace-LTE — Data Link

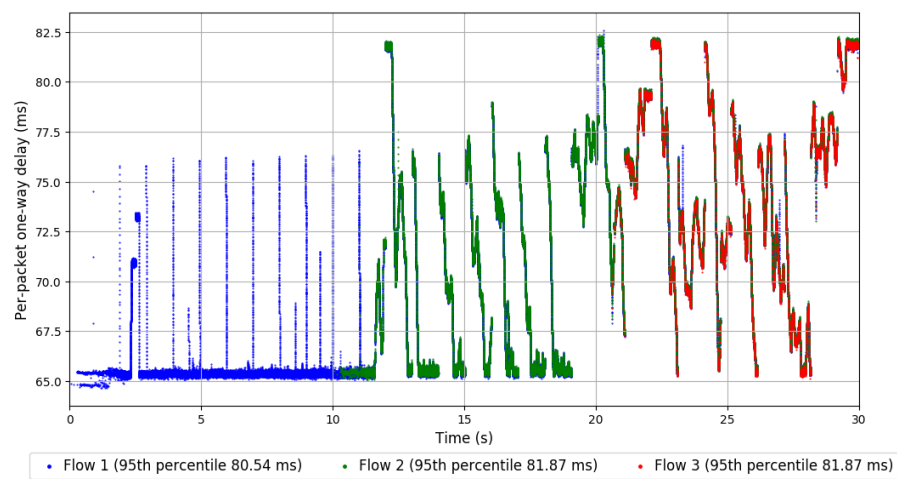
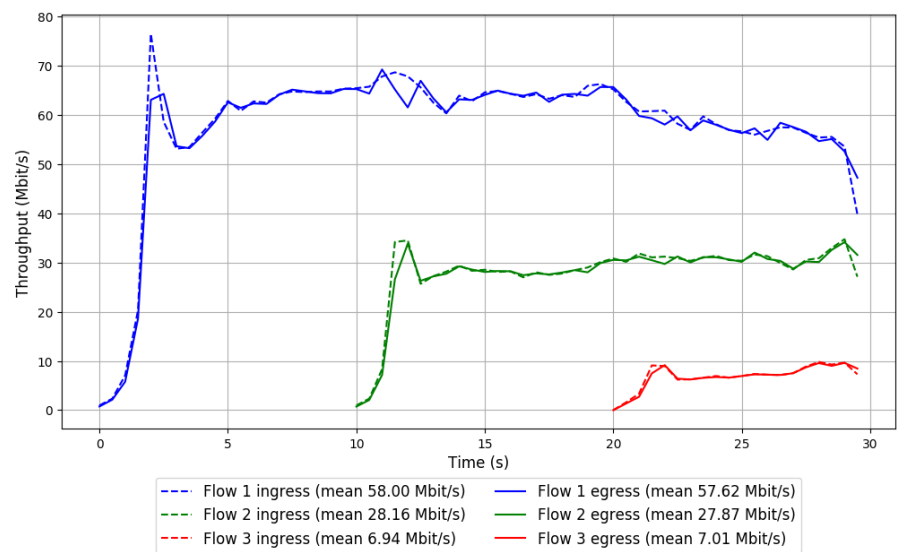


Run 8: Statistics of Vivace-LTE

Start at: 2018-03-27 21:08:25
End at: 2018-03-27 21:08:55
Local clock offset: -2.897 ms
Remote clock offset: -9.115 ms

Below is generated by plot.py at 2018-03-27 22:58:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.40 Mbit/s
95th percentile per-packet one-way delay: 81.701 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 57.62 Mbit/s
95th percentile per-packet one-way delay: 80.538 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 27.87 Mbit/s
95th percentile per-packet one-way delay: 81.869 ms
Loss rate: 0.96%
-- Flow 3:
Average throughput: 7.01 Mbit/s
95th percentile per-packet one-way delay: 81.874 ms
Loss rate: 1.47%

Run 8: Report of Vivace-LTE — Data Link

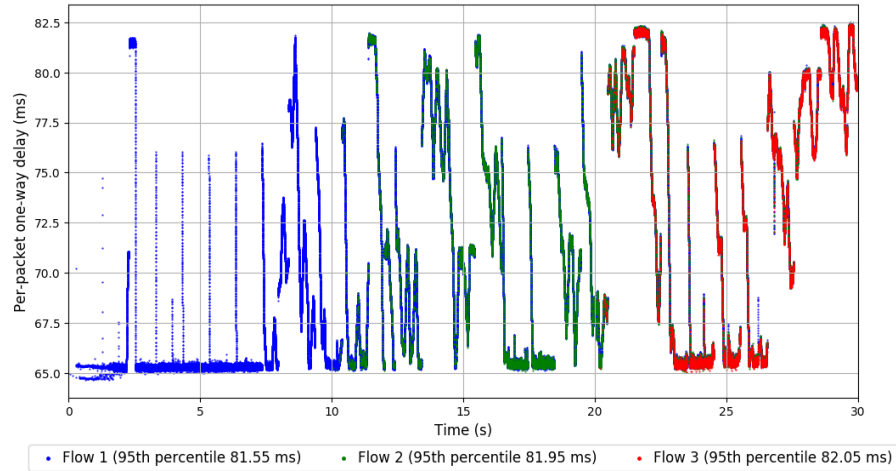
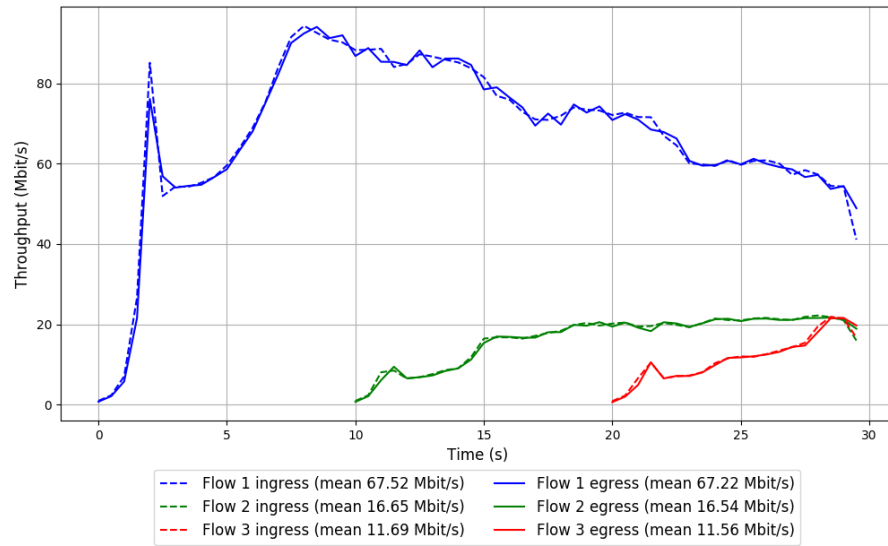


Run 9: Statistics of Vivace-LTE

Start at: 2018-03-27 21:31:19
End at: 2018-03-27 21:31:49
Local clock offset: 8.487 ms
Remote clock offset: -8.101 ms

Below is generated by plot.py at 2018-03-27 22:58:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.03 Mbit/s
95th percentile per-packet one-way delay: 81.679 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 67.22 Mbit/s
95th percentile per-packet one-way delay: 81.548 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 16.54 Mbit/s
95th percentile per-packet one-way delay: 81.950 ms
Loss rate: 0.57%
-- Flow 3:
Average throughput: 11.56 Mbit/s
95th percentile per-packet one-way delay: 82.048 ms
Loss rate: 1.05%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-03-27 21:54:47
End at: 2018-03-27 21:55:17
Local clock offset: 9.663 ms
Remote clock offset: -7.335 ms

Below is generated by plot.py at 2018-03-27 22:58:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.17 Mbit/s
95th percentile per-packet one-way delay: 80.685 ms
Loss rate: 1.56%
-- Flow 1:
Average throughput: 77.54 Mbit/s
95th percentile per-packet one-way delay: 80.745 ms
Loss rate: 1.71%
-- Flow 2:
Average throughput: 14.16 Mbit/s
95th percentile per-packet one-way delay: 80.105 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 3.69 Mbit/s
95th percentile per-packet one-way delay: 80.306 ms
Loss rate: 1.00%

Run 10: Report of Vivace-LTE — Data Link

