

Pantheon Report

Generated at 2018-01-10 06:20:00 (UTC).

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

Repeated the test of 14 congestion control schemes 10 times.

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

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

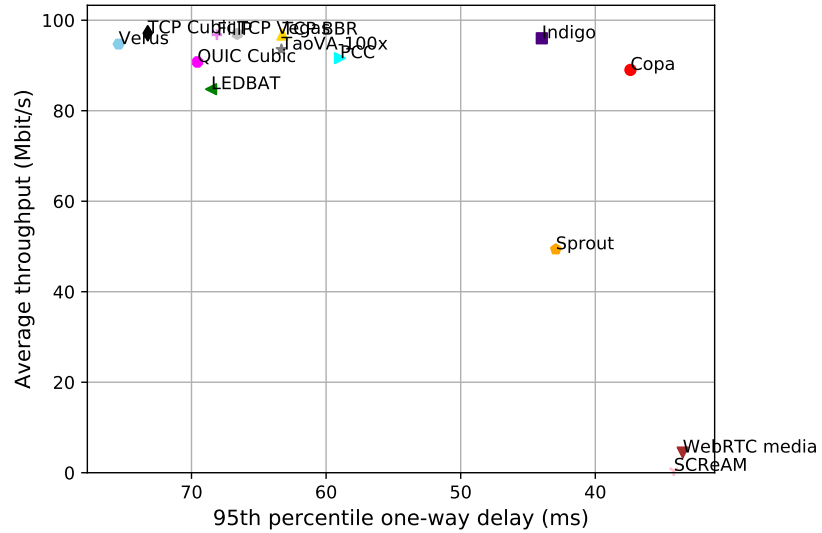
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

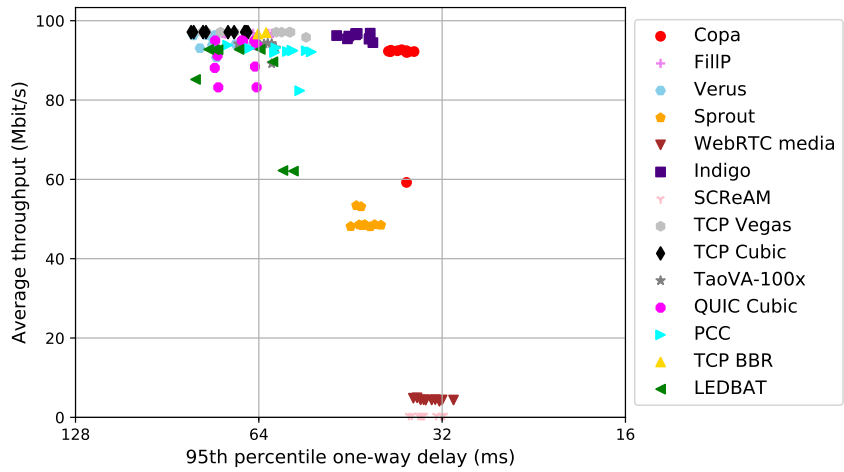
Git summary:

```
branch: master @ 56d1792c316a5efca3f2d21342905405fedffb48
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ ec9585325218d5048c4d4152fa42240af54c6e67
third_party/genericCC @ 80b516c448f795fd6e9675f7177b69c622f07da8
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaaeb30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

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



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



scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	2	62.84	36.41	25.65	56.59	71.23	78.96	0.14	0.18	0.49
TCP Cubic	10	60.33	40.53	31.30	68.51	71.07	71.26	0.13	0.37	0.98
LEDBAT	9	44.58	45.48	32.64	273.08	66.93	64.74	0.14	0.33	1.02
PCC	10	61.17	37.58	16.58	58.60	54.18	50.35	0.08	0.17	0.33
QUIC Cubic	10	53.73	40.65	30.56	67.21	65.40	67.70	0.12	0.24	0.64
SCReAM	10	0.21	0.21	0.22	34.17	34.16	34.16	0.10	0.16	0.15
WebRTC media	10	2.35	1.54	0.59	33.45	33.52	33.65	0.08	0.18	0.61
Sprout	10	24.36	24.24	23.90	42.65	42.53	43.94	0.11	0.16	0.31
TaoVA-100x	10	58.19	41.43	30.86	63.03	61.73	63.82	0.19	0.23	0.70
TCP Vegas	10	58.76	43.69	28.63	64.43	56.54	62.19	0.09	0.14	0.55
Verus	10	57.45	42.85	26.61	70.62	64.88	74.00	0.10	0.23	0.66
Copa	10	53.71	42.33	28.71	36.55	38.03	39.46	0.05	0.12	0.36
FillP	9	60.02	42.63	27.21	62.70	62.25	70.12	0.10	0.65	2.08
Indigo	10	60.57	38.95	29.45	44.18	43.24	44.65	0.06	0.12	0.33

Run 1: Statistics of TCP BBR

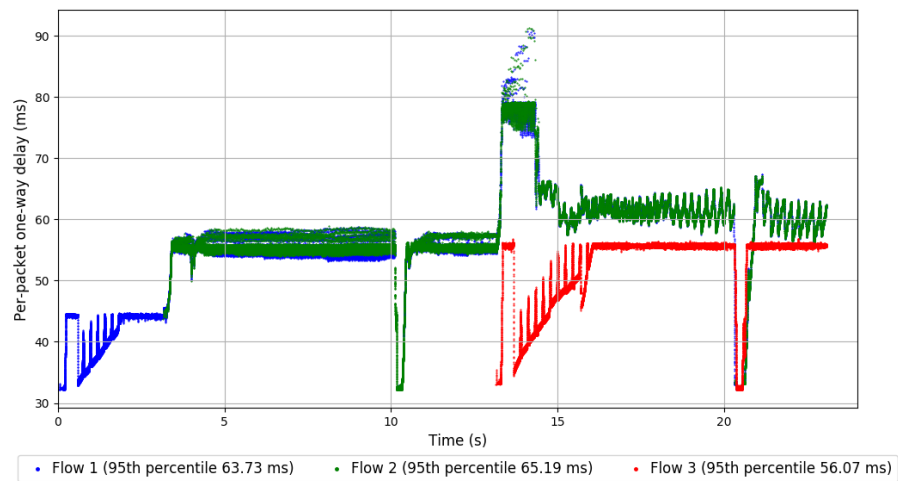
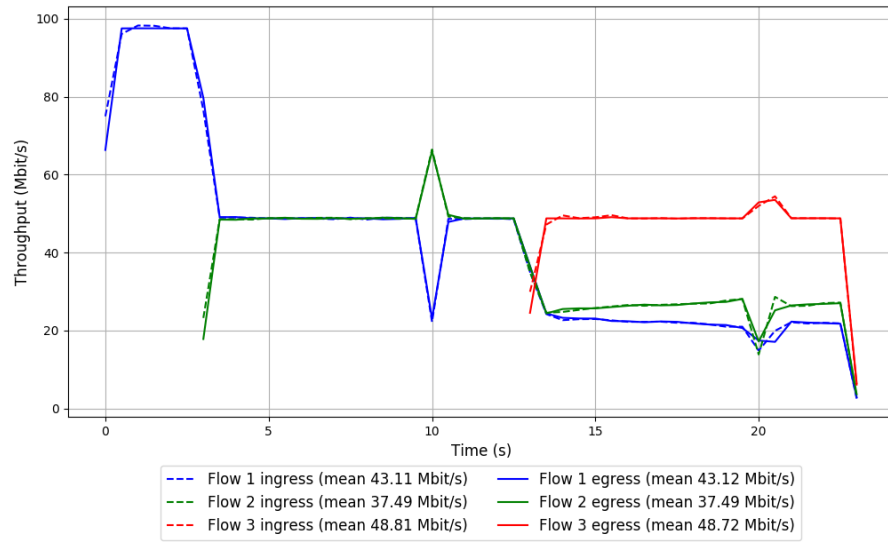
Start at: 2018-01-09 23:52:47

End at: 2018-01-09 23:53:17

Local clock offset: 1.514 ms

Remote clock offset: -16.527 ms

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

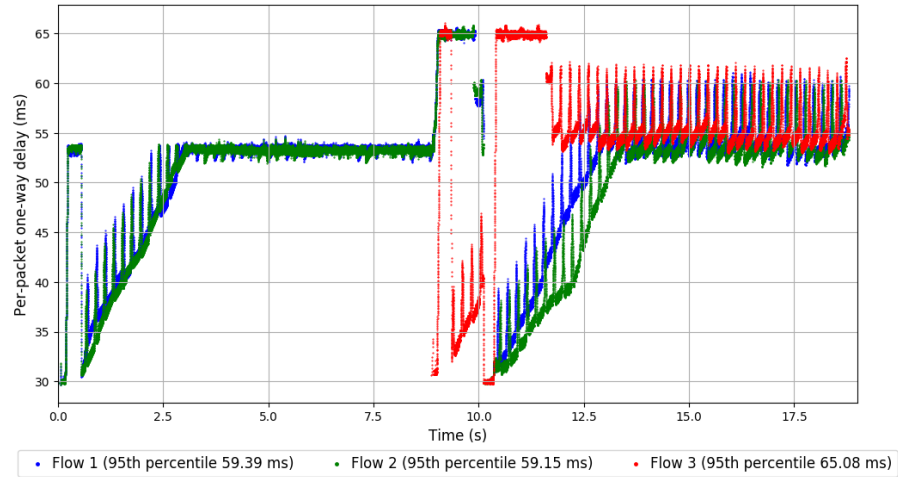
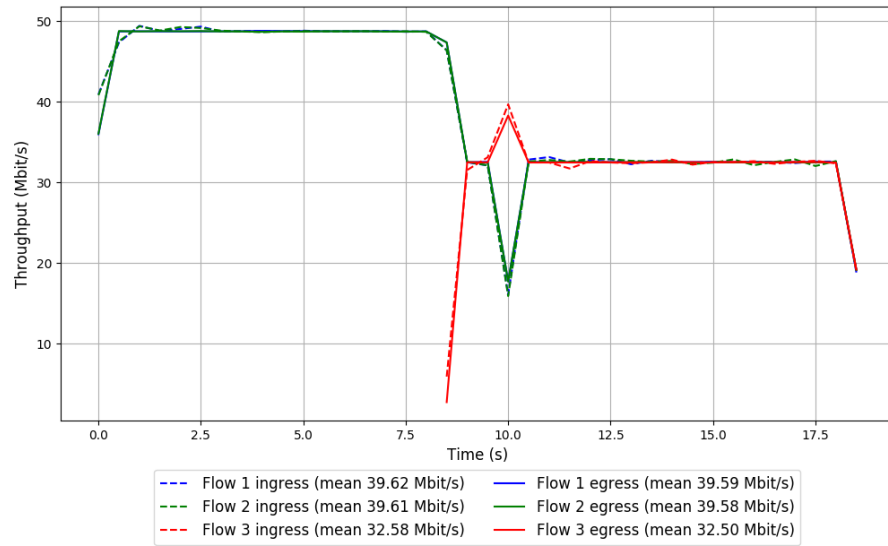
Start at: 2018-01-10 00:10:27

End at: 2018-01-10 00:10:57

Local clock offset: -0.541 ms

Remote clock offset: -16.218 ms

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

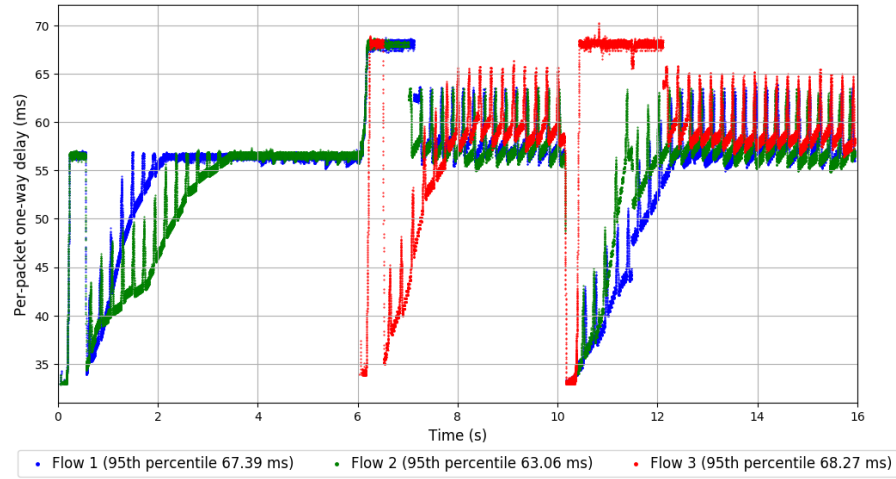
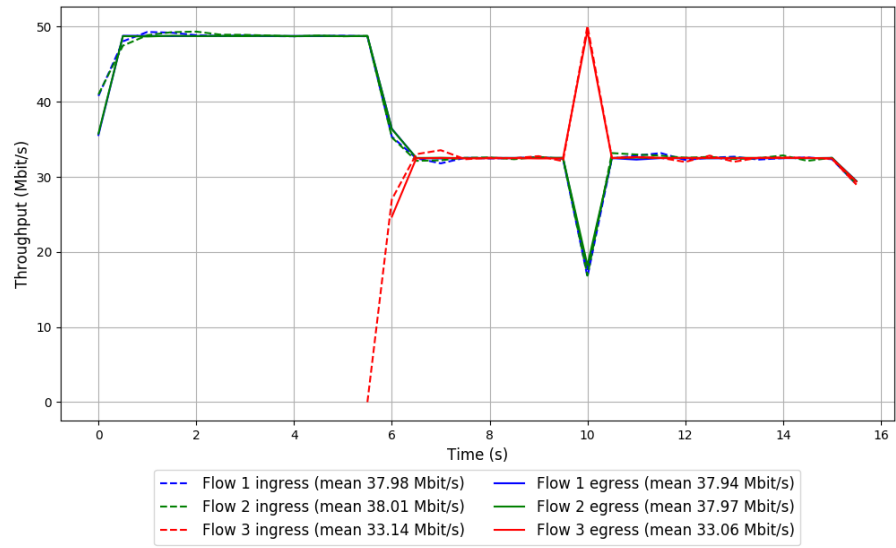
Start at: 2018-01-10 00:28:05

End at: 2018-01-10 00:28:35

Local clock offset: 3.14 ms

Remote clock offset: -15.719 ms

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

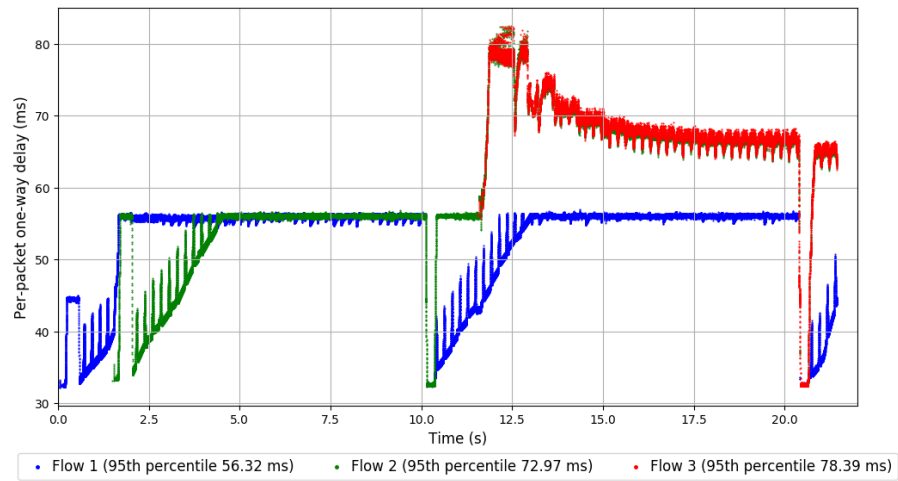
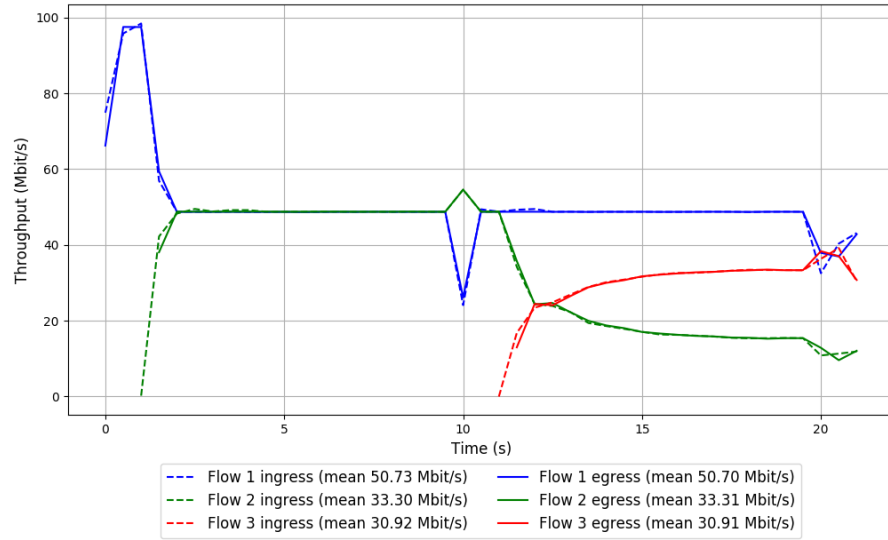
Start at: 2018-01-10 00:45:54

End at: 2018-01-10 00:46:24

Local clock offset: 1.0 ms

Remote clock offset: -15.543 ms

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

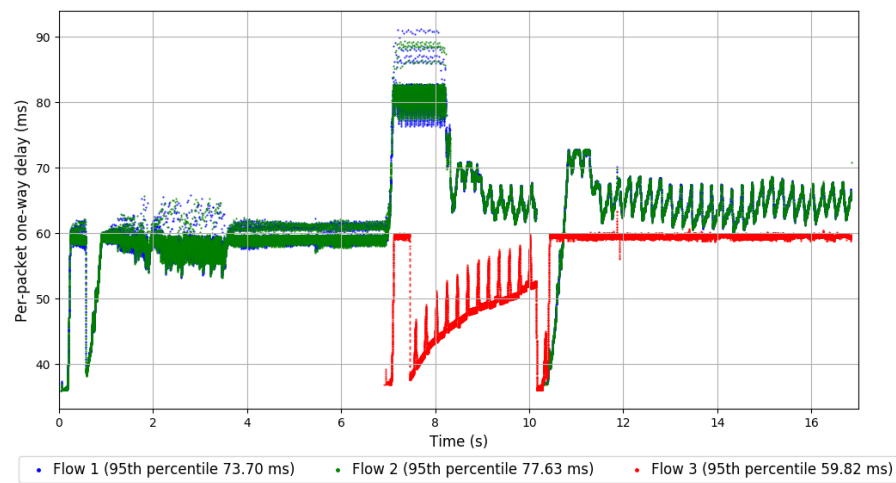
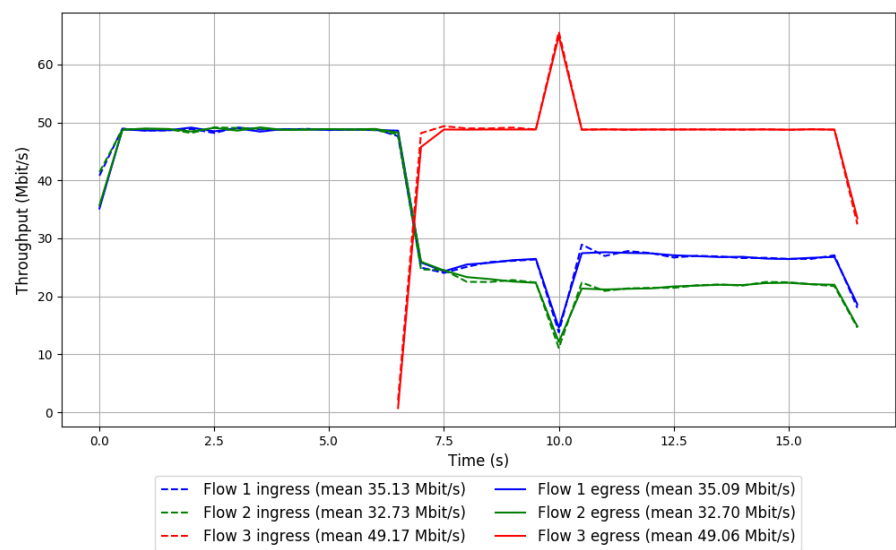
Start at: 2018-01-10 01:03:40

End at: 2018-01-10 01:04:10

Local clock offset: 3.658 ms

Remote clock offset: -16.149 ms

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-01-10 01:21:12

End at: 2018-01-10 01:21:42

Local clock offset: 0.065 ms

Remote clock offset: -16.429 ms

Run 6: Report of TCP BBR — Data Link

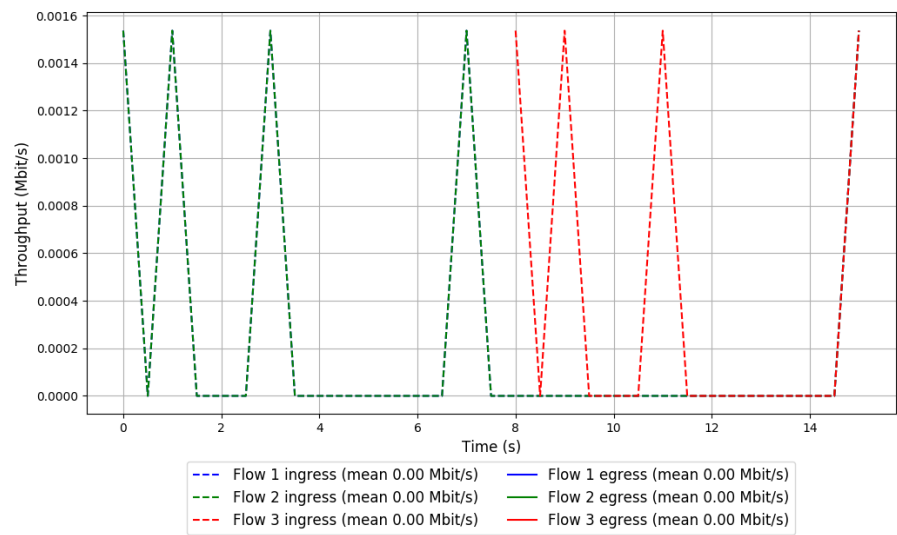


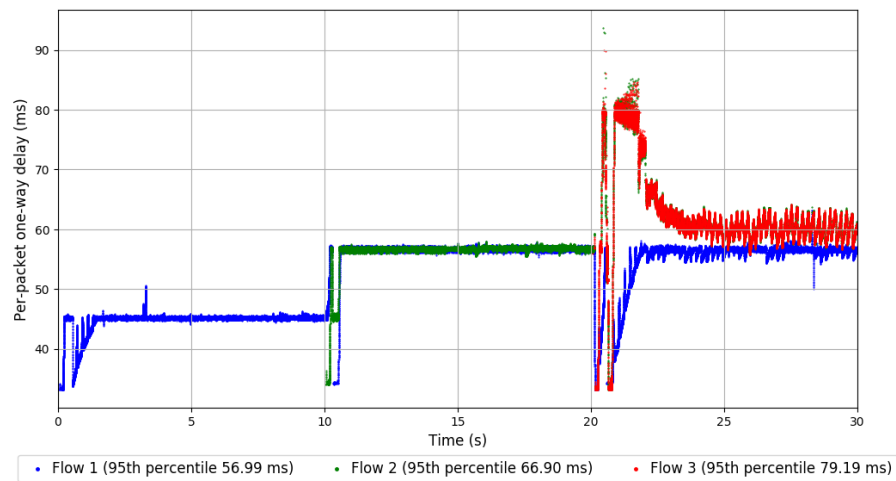
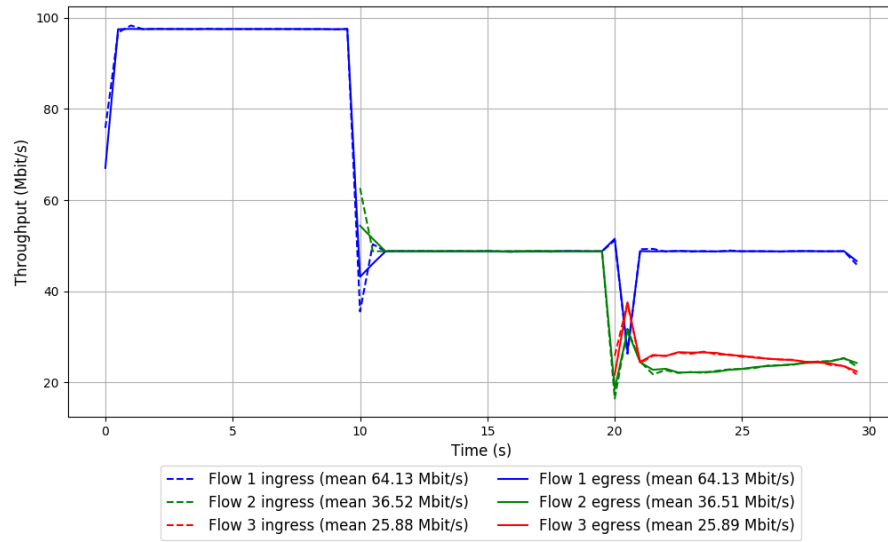
Figure is missing

Run 7: Statistics of TCP BBR

Start at: 2018-01-10 01:38:46
End at: 2018-01-10 01:39:16
Local clock offset: 3.009 ms
Remote clock offset: -15.571 ms

Below is generated by plot.py at 2018-01-10 05:41:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.99 Mbit/s
95th percentile per-packet one-way delay: 62.261 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 64.13 Mbit/s
95th percentile per-packet one-way delay: 56.992 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 36.51 Mbit/s
95th percentile per-packet one-way delay: 66.900 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 25.89 Mbit/s
95th percentile per-packet one-way delay: 79.187 ms
Loss rate: 0.44%

Run 7: Report of TCP BBR — Data Link

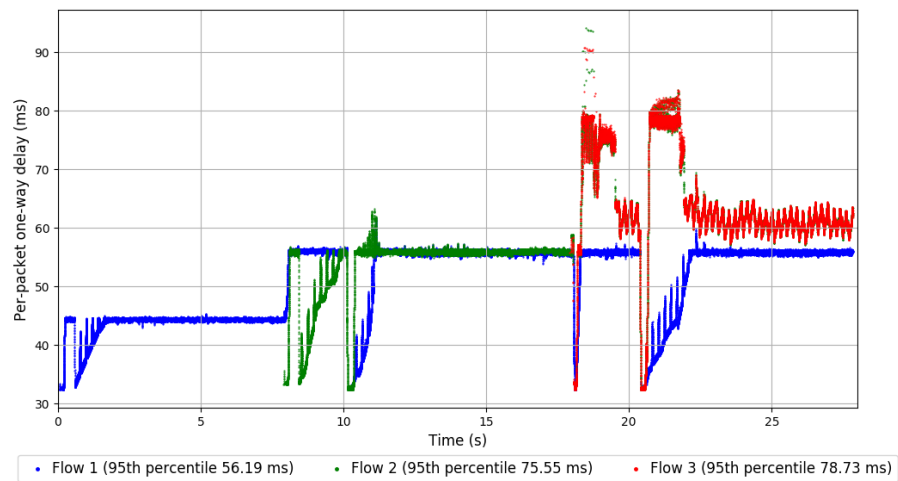
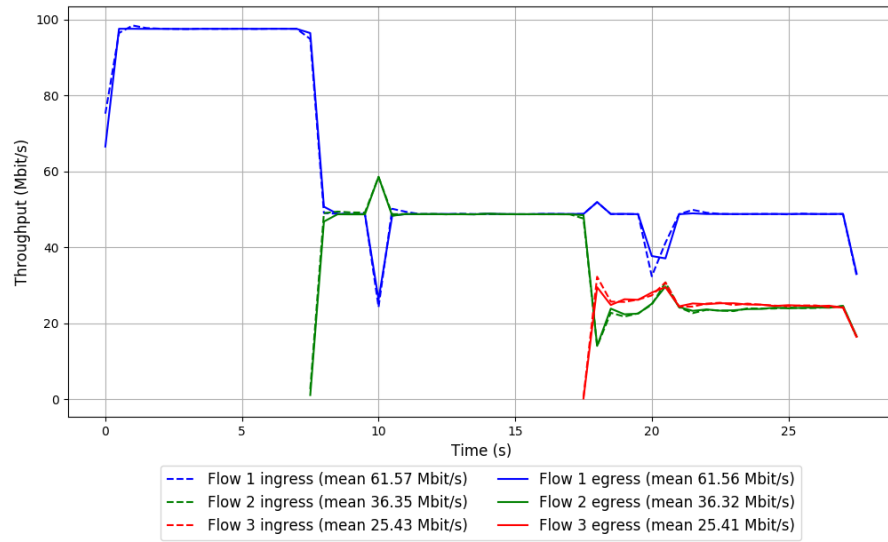


Run 8: Statistics of TCP BBR

Start at: 2018-01-10 01:57:10
End at: 2018-01-10 01:57:40
Local clock offset: 2.196 ms
Remote clock offset: -14.684 ms

Below is generated by plot.py at 2018-01-10 05:41:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.65 Mbit/s
95th percentile per-packet one-way delay: 64.228 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 61.56 Mbit/s
95th percentile per-packet one-way delay: 56.185 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 36.32 Mbit/s
95th percentile per-packet one-way delay: 75.554 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 25.41 Mbit/s
95th percentile per-packet one-way delay: 78.726 ms
Loss rate: 0.54%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2018-01-10 02:15:08

End at: 2018-01-10 02:15:38

Local clock offset: 2.158 ms

Remote clock offset: -15.196 ms

Run 9: Report of TCP BBR — Data Link

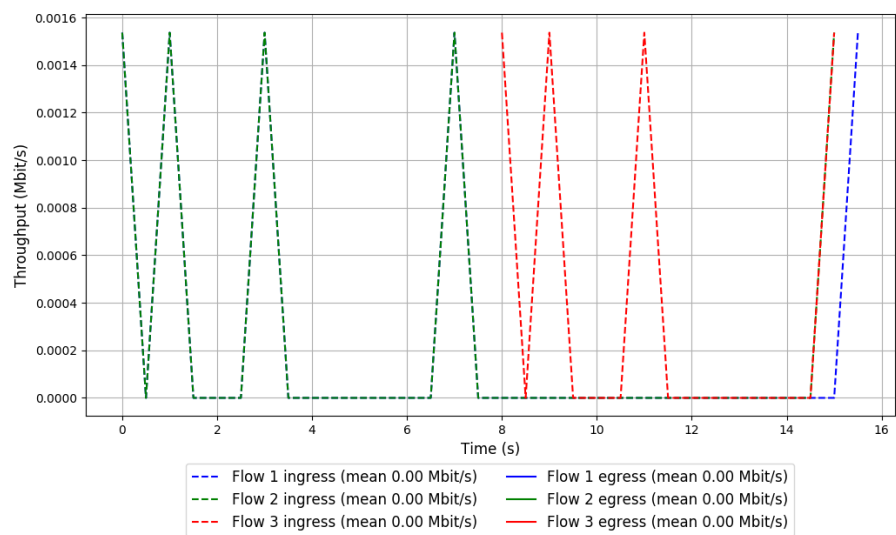


Figure is missing

Run 10: Statistics of TCP BBR

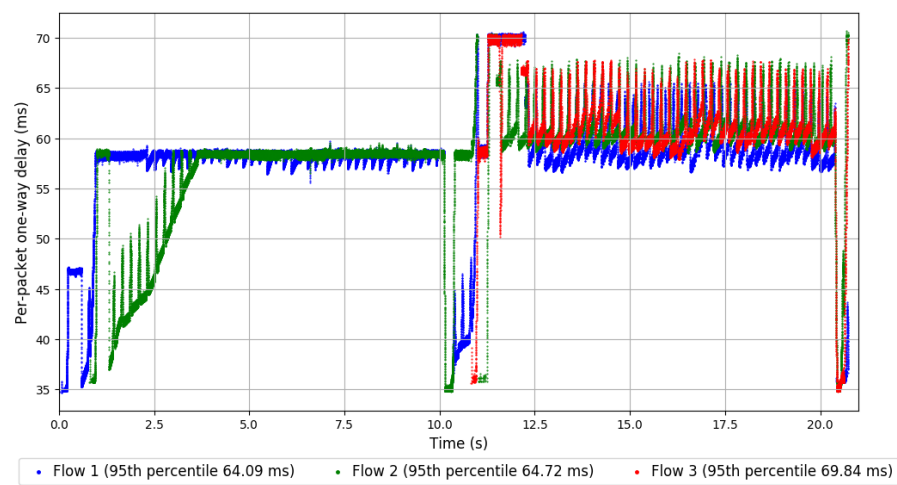
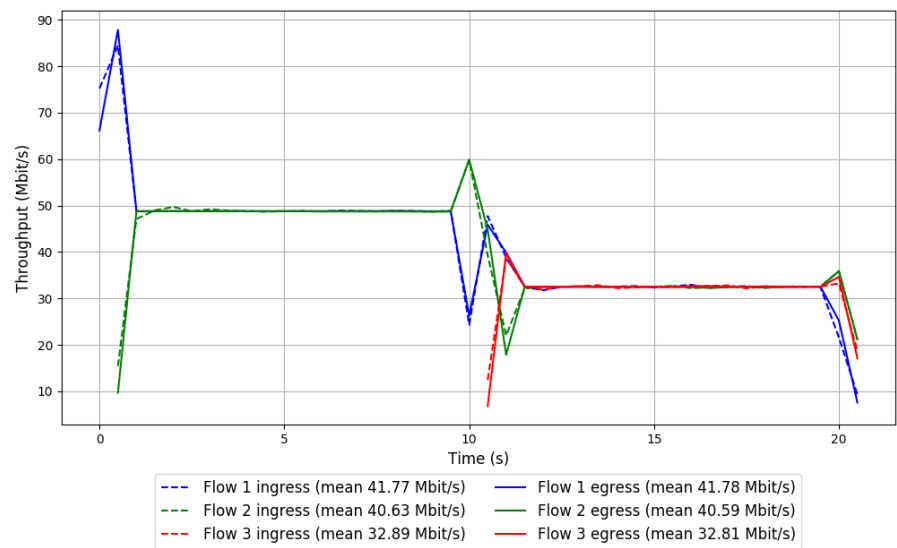
Start at: 2018-01-10 02:32:57

End at: 2018-01-10 02:33:27

Local clock offset: 3.579 ms

Remote clock offset: -16.966 ms

Run 10: Report of TCP BBR — Data Link

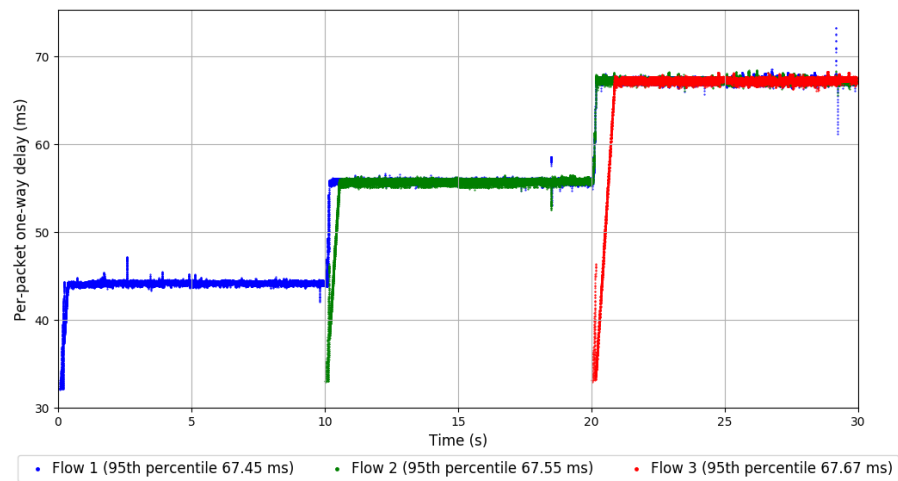
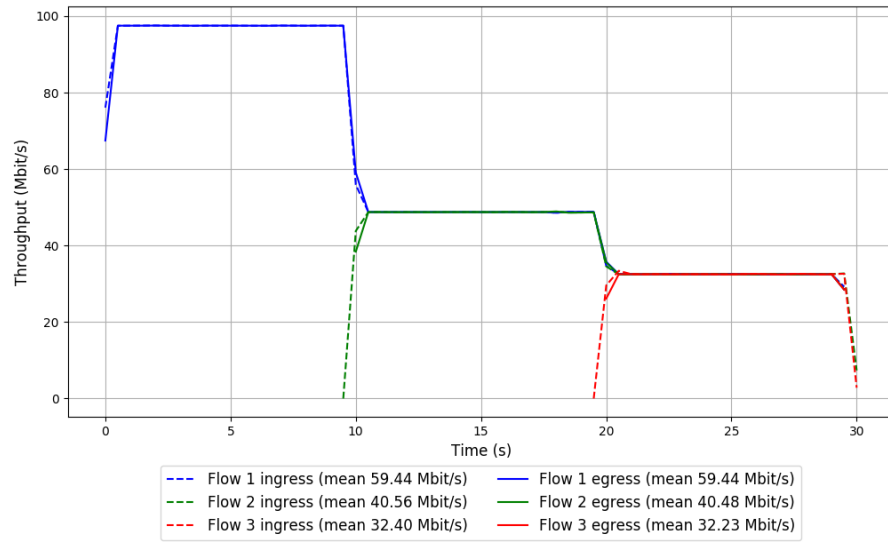


Run 1: Statistics of TCP Cubic

Start at: 2018-01-09 23:53:56
End at: 2018-01-09 23:54:26
Local clock offset: 1.099 ms
Remote clock offset: -16.843 ms

Below is generated by plot.py at 2018-01-10 05:43:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 67.561 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 59.44 Mbit/s
95th percentile per-packet one-way delay: 67.454 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 40.48 Mbit/s
95th percentile per-packet one-way delay: 67.550 ms
Loss rate: 0.98%
-- Flow 3:
Average throughput: 32.23 Mbit/s
95th percentile per-packet one-way delay: 67.665 ms
Loss rate: 1.75%

Run 1: Report of TCP Cubic — Data Link

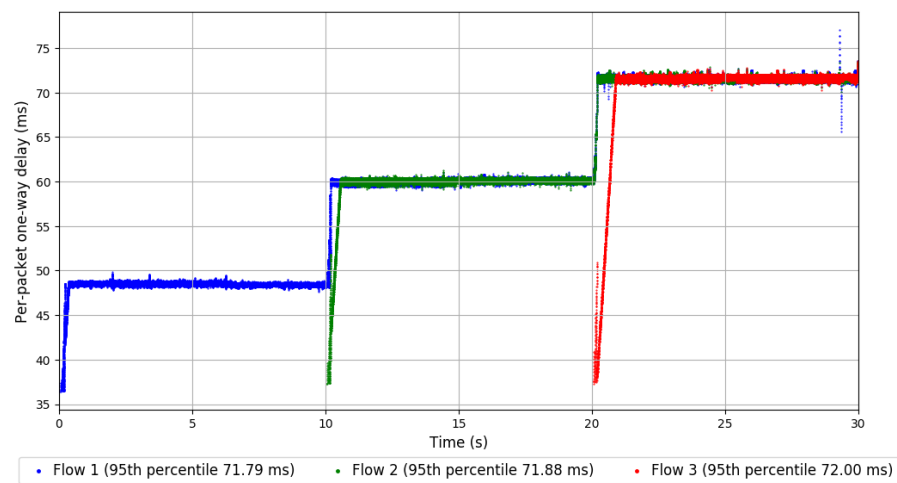
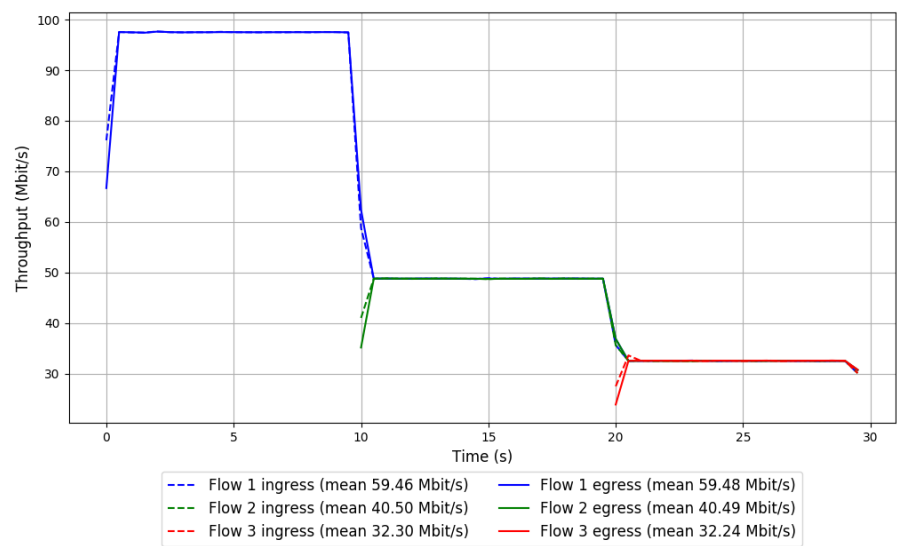


Run 2: Statistics of TCP Cubic

Start at: 2018-01-10 00:11:37
End at: 2018-01-10 00:12:07
Local clock offset: 3.356 ms
Remote clock offset: -18.996 ms

Below is generated by plot.py at 2018-01-10 05:43:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 71.900 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 59.48 Mbit/s
95th percentile per-packet one-way delay: 71.788 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.49 Mbit/s
95th percentile per-packet one-way delay: 71.884 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 32.24 Mbit/s
95th percentile per-packet one-way delay: 72.000 ms
Loss rate: 0.62%

Run 2: Report of TCP Cubic — Data Link

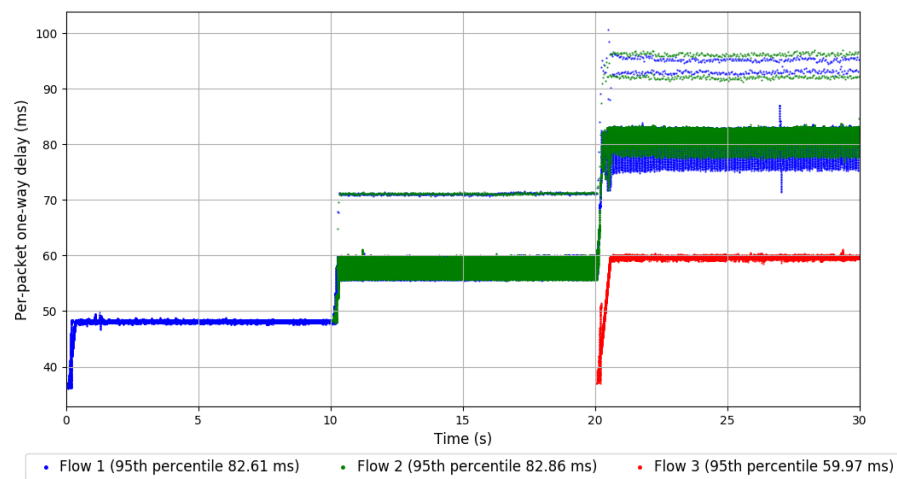
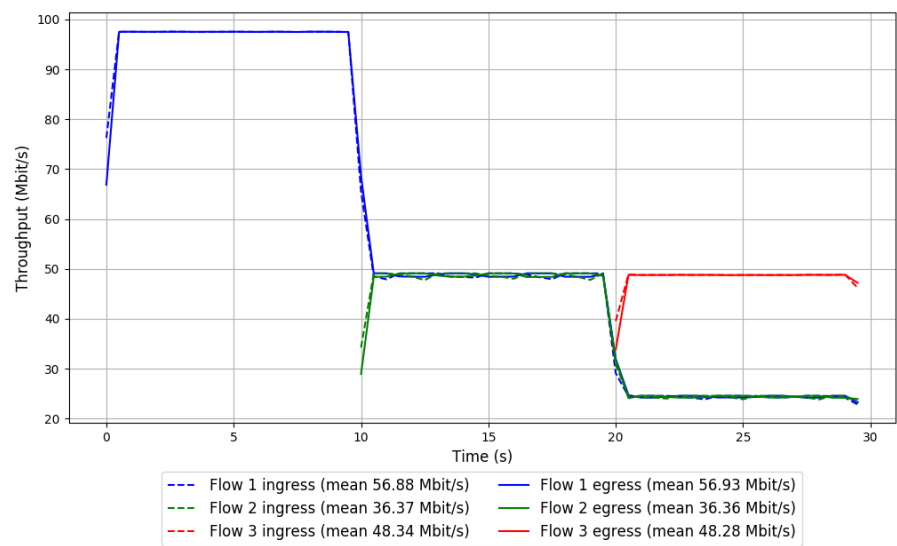


Run 3: Statistics of TCP Cubic

Start at: 2018-01-10 00:29:14
End at: 2018-01-10 00:29:44
Local clock offset: 3.532 ms
Remote clock offset: -18.55 ms

Below is generated by plot.py at 2018-01-10 05:43:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 82.668 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 56.93 Mbit/s
95th percentile per-packet one-way delay: 82.614 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 36.36 Mbit/s
95th percentile per-packet one-way delay: 82.860 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 48.28 Mbit/s
95th percentile per-packet one-way delay: 59.966 ms
Loss rate: 0.51%

Run 3: Report of TCP Cubic — Data Link

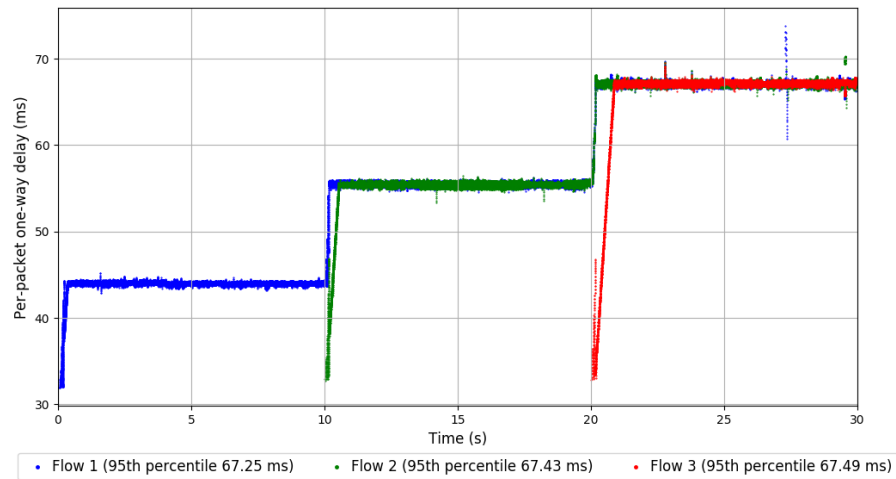
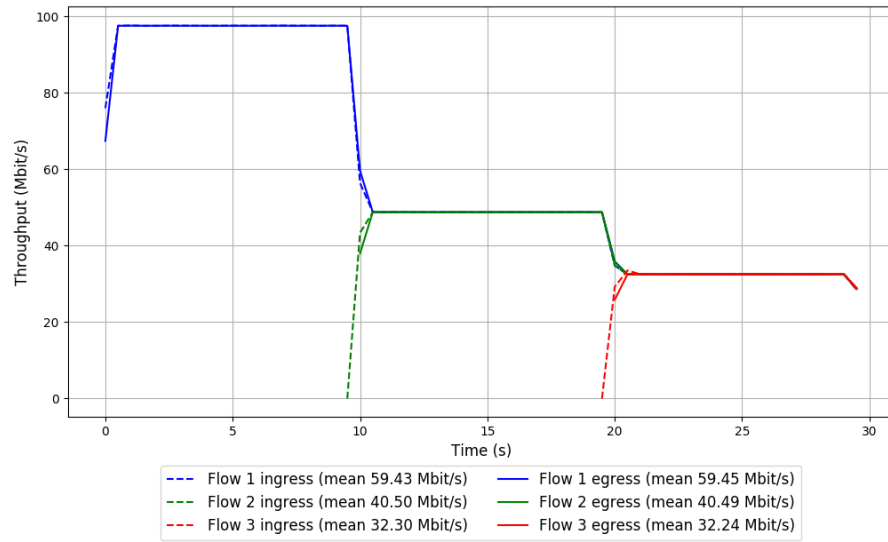


Run 4: Statistics of TCP Cubic

Start at: 2018-01-10 00:47:04
End at: 2018-01-10 00:47:34
Local clock offset: 2.109 ms
Remote clock offset: -13.995 ms

Below is generated by plot.py at 2018-01-10 05:43:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 67.379 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 59.45 Mbit/s
95th percentile per-packet one-way delay: 67.247 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.49 Mbit/s
95th percentile per-packet one-way delay: 67.433 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 32.24 Mbit/s
95th percentile per-packet one-way delay: 67.492 ms
Loss rate: 0.63%

Run 4: Report of TCP Cubic — Data Link

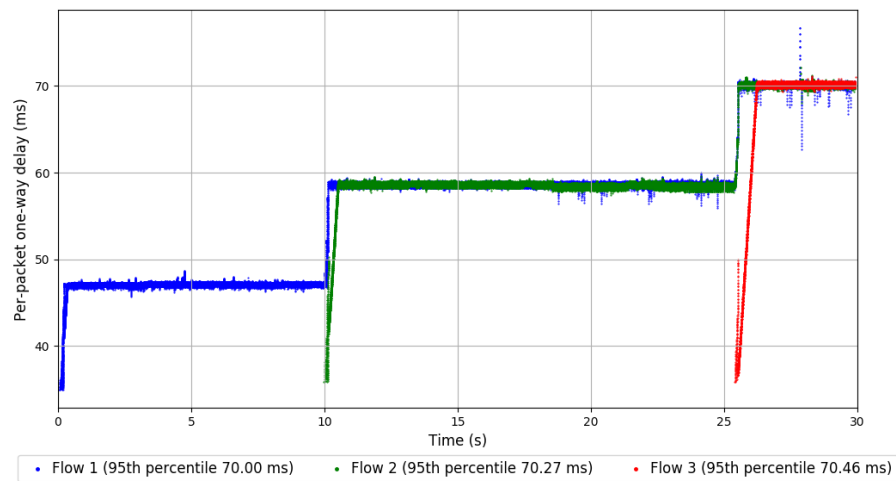
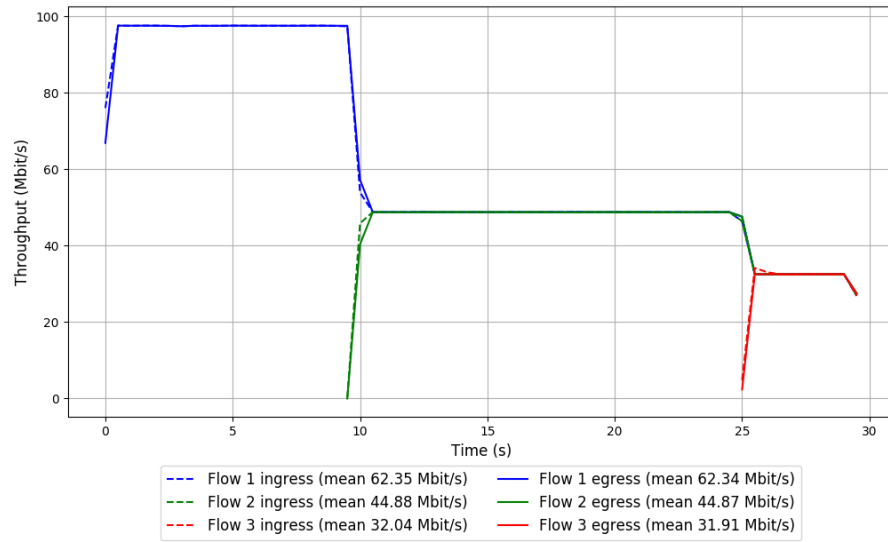


Run 5: Statistics of TCP Cubic

Start at: 2018-01-10 01:04:48
End at: 2018-01-10 01:05:18
Local clock offset: 1.819 ms
Remote clock offset: -16.922 ms

Below is generated by plot.py at 2018-01-10 05:43:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 70.259 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 62.34 Mbit/s
95th percentile per-packet one-way delay: 70.002 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 44.87 Mbit/s
95th percentile per-packet one-way delay: 70.271 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 31.91 Mbit/s
95th percentile per-packet one-way delay: 70.462 ms
Loss rate: 1.36%

Run 5: Report of TCP Cubic — Data Link

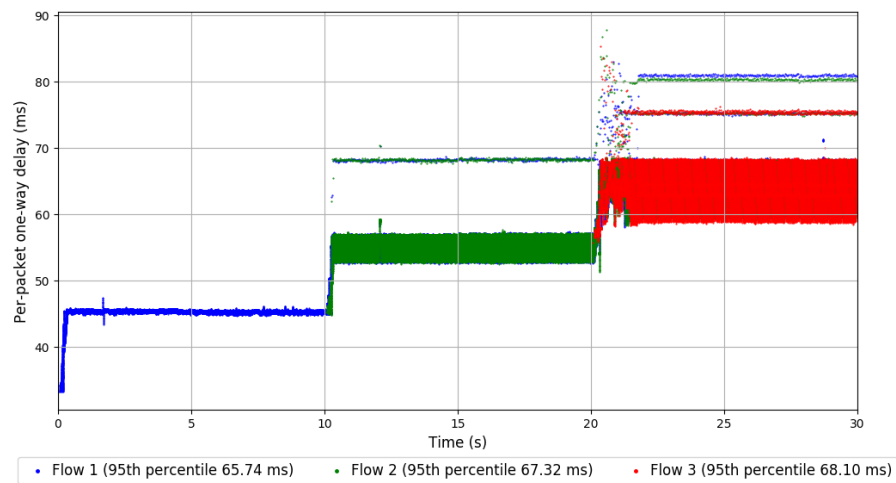
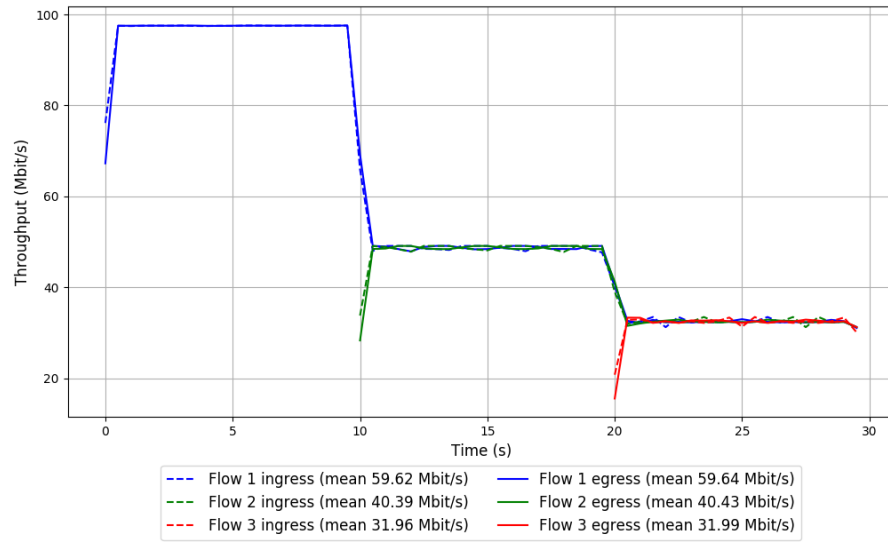


Run 6: Statistics of TCP Cubic

Start at: 2018-01-10 01:22:18
End at: 2018-01-10 01:22:48
Local clock offset: 2.442 ms
Remote clock offset: -14.924 ms

Below is generated by plot.py at 2018-01-10 05:44:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 67.023 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 59.64 Mbit/s
95th percentile per-packet one-way delay: 65.740 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.43 Mbit/s
95th percentile per-packet one-way delay: 67.322 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 31.99 Mbit/s
95th percentile per-packet one-way delay: 68.102 ms
Loss rate: 0.51%

Run 6: Report of TCP Cubic — Data Link

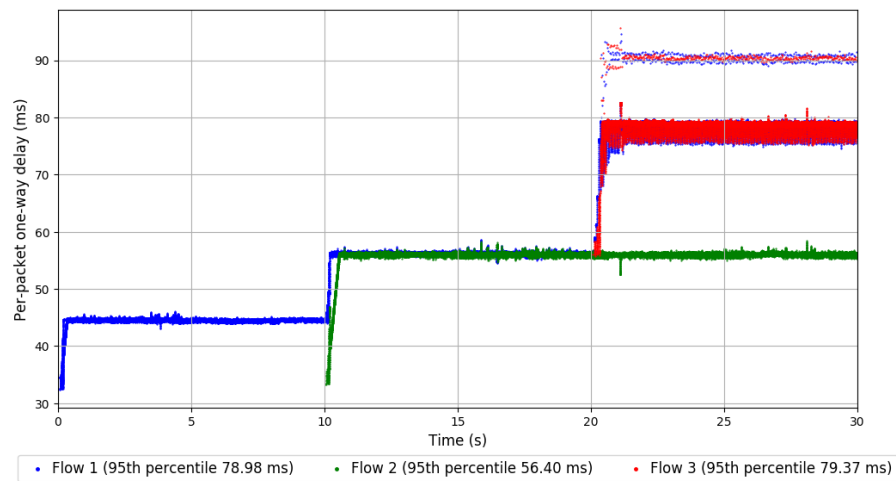
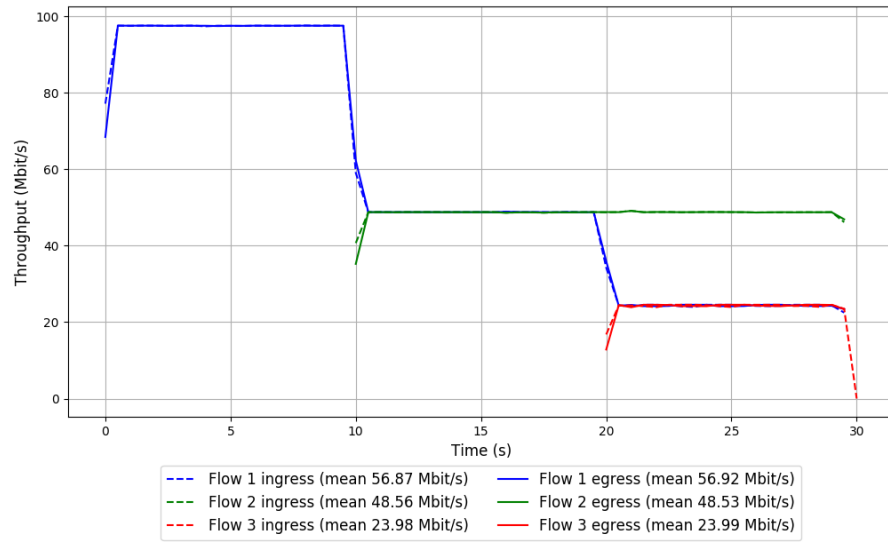


Run 7: Statistics of TCP Cubic

Start at: 2018-01-10 01:40:00
End at: 2018-01-10 01:40:30
Local clock offset: 1.769 ms
Remote clock offset: -16.11 ms

Below is generated by plot.py at 2018-01-10 05:44:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.14 Mbit/s
95th percentile per-packet one-way delay: 79.026 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 56.92 Mbit/s
95th percentile per-packet one-way delay: 78.981 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 48.53 Mbit/s
95th percentile per-packet one-way delay: 56.395 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 23.99 Mbit/s
95th percentile per-packet one-way delay: 79.372 ms
Loss rate: 0.72%

Run 7: Report of TCP Cubic — Data Link

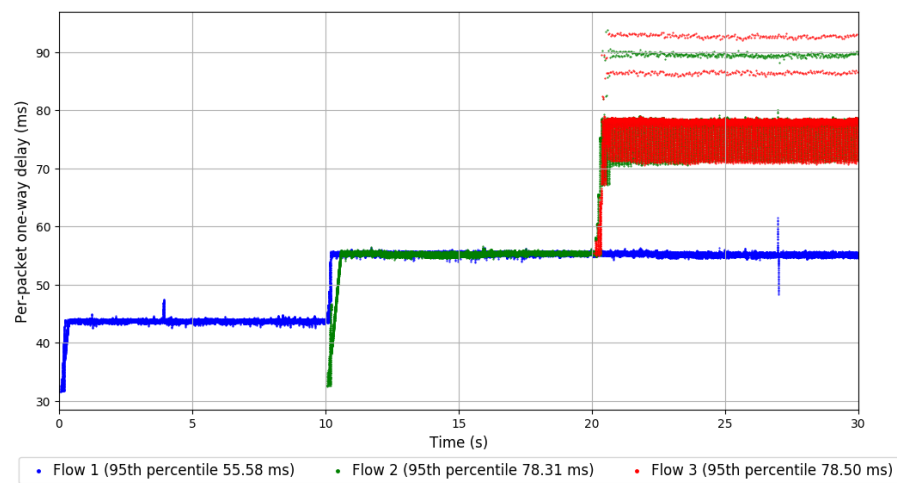
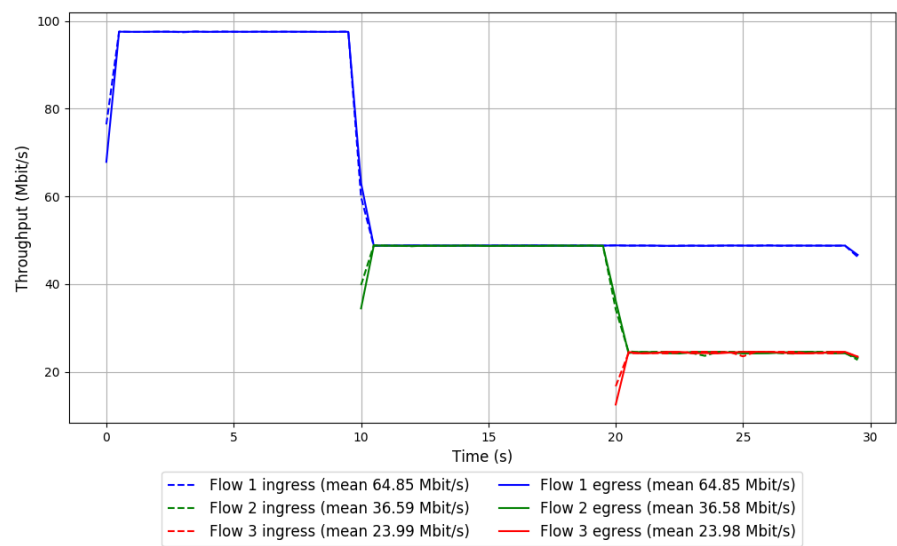


Run 8: Statistics of TCP Cubic

Start at: 2018-01-10 01:58:21
End at: 2018-01-10 01:58:51
Local clock offset: 1.221 ms
Remote clock offset: -14.982 ms

Below is generated by plot.py at 2018-01-10 05:44:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.13 Mbit/s
95th percentile per-packet one-way delay: 78.146 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 64.85 Mbit/s
95th percentile per-packet one-way delay: 55.583 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 36.58 Mbit/s
95th percentile per-packet one-way delay: 78.310 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 23.98 Mbit/s
95th percentile per-packet one-way delay: 78.496 ms
Loss rate: 0.71%

Run 8: Report of TCP Cubic — Data Link

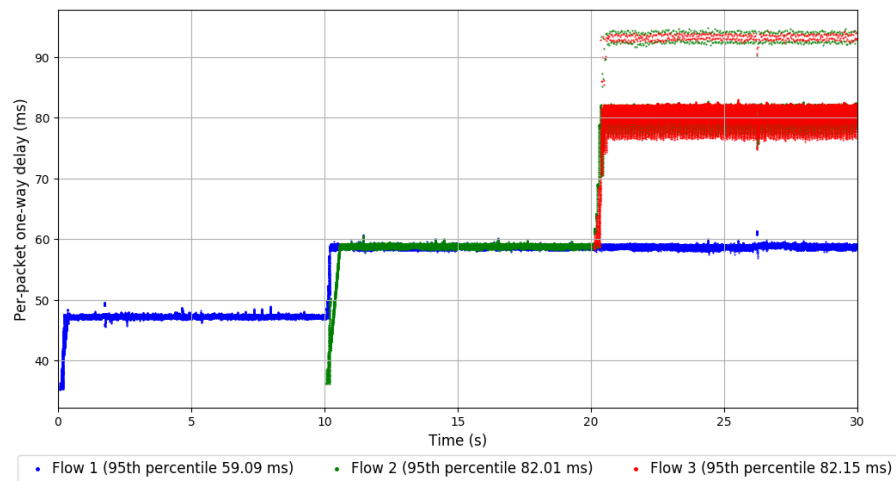
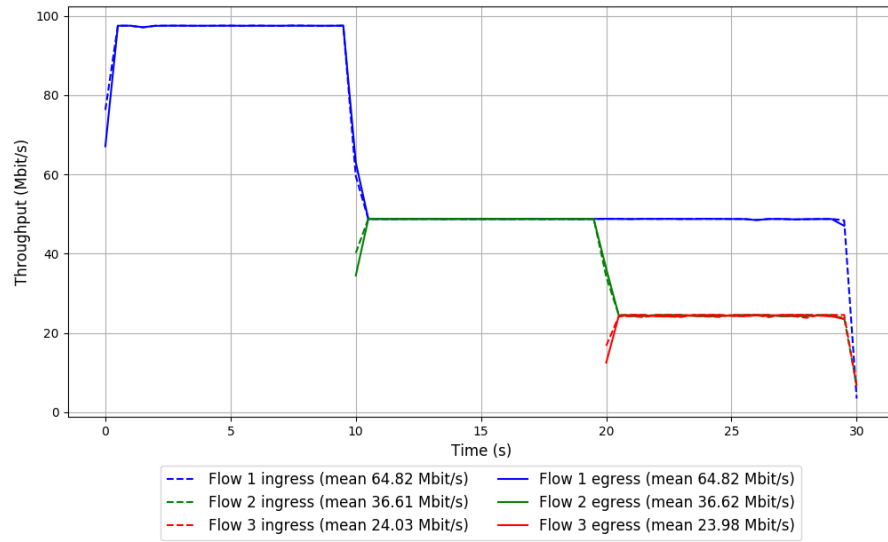


Run 9: Statistics of TCP Cubic

Start at: 2018-01-10 02:16:13
End at: 2018-01-10 02:16:43
Local clock offset: 3.974 ms
Remote clock offset: -16.317 ms

Below is generated by plot.py at 2018-01-10 05:46:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 81.876 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 64.82 Mbit/s
95th percentile per-packet one-way delay: 59.088 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 36.62 Mbit/s
95th percentile per-packet one-way delay: 82.006 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 23.98 Mbit/s
95th percentile per-packet one-way delay: 82.146 ms
Loss rate: 2.37%

Run 9: Report of TCP Cubic — Data Link

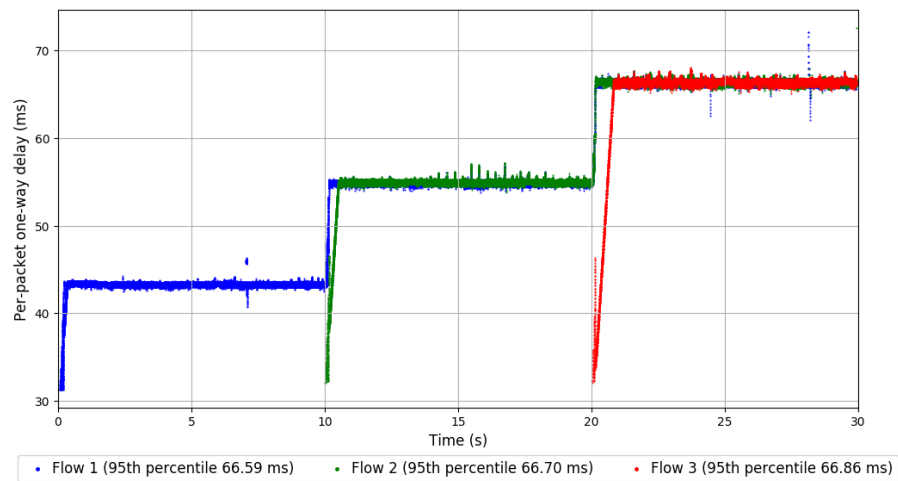
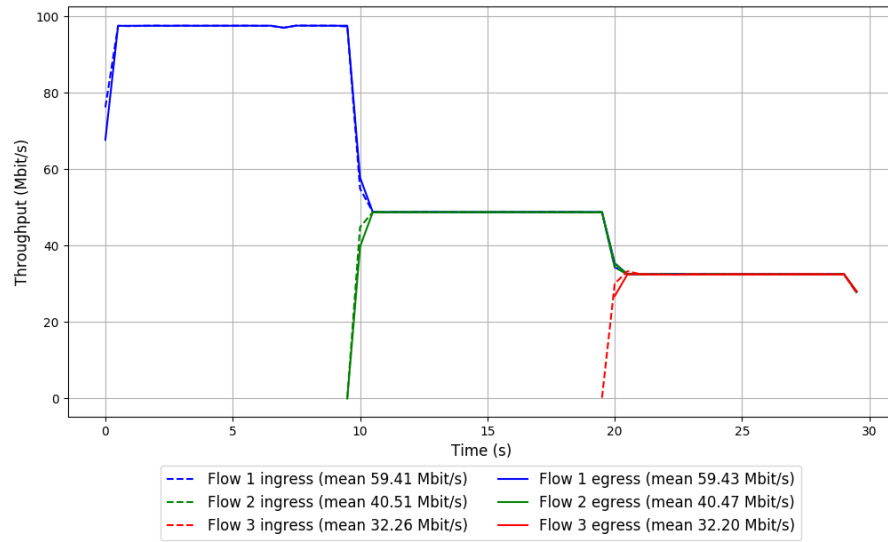


Run 10: Statistics of TCP Cubic

Start at: 2018-01-10 02:34:07
End at: 2018-01-10 02:34:37
Local clock offset: 1.515 ms
Remote clock offset: -15.489 ms

Below is generated by plot.py at 2018-01-10 05:46:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 66.677 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 59.43 Mbit/s
95th percentile per-packet one-way delay: 66.588 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.47 Mbit/s
95th percentile per-packet one-way delay: 66.702 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 32.20 Mbit/s
95th percentile per-packet one-way delay: 66.858 ms
Loss rate: 0.62%

Run 10: Report of TCP Cubic — Data Link

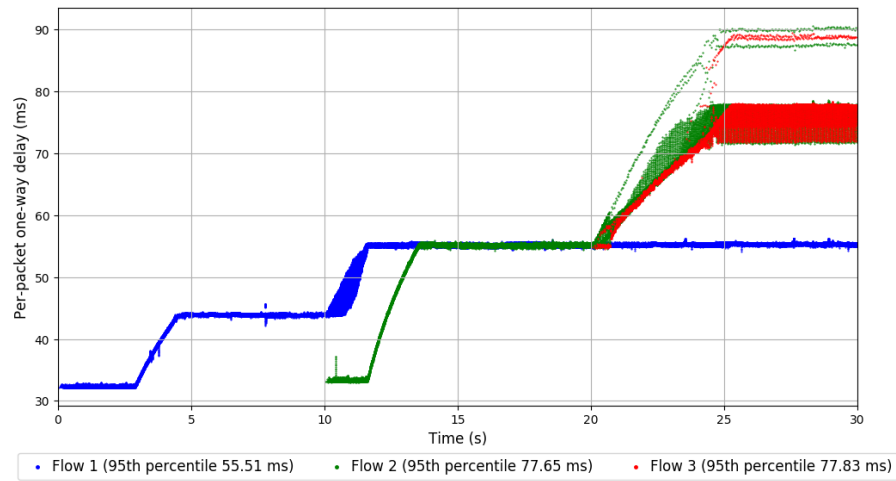
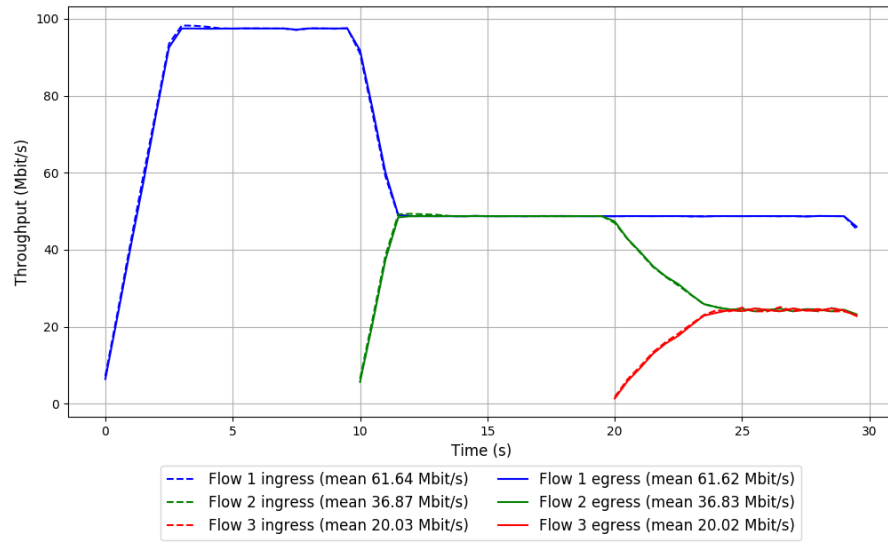


```
Run 1: Statistics of LEDBAT

Start at: 2018-01-09 23:39:34
End at: 2018-01-09 23:40:04
Local clock offset: 1.888 ms
Remote clock offset: -16.318 ms

# Below is generated by plot.py at 2018-01-10 05:46:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.75 Mbit/s
95th percentile per-packet one-way delay: 77.366 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 61.62 Mbit/s
95th percentile per-packet one-way delay: 55.512 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 36.83 Mbit/s
95th percentile per-packet one-way delay: 77.650 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 20.02 Mbit/s
95th percentile per-packet one-way delay: 77.835 ms
Loss rate: 0.86%
```


Run 1: Report of LEDBAT — Data Link

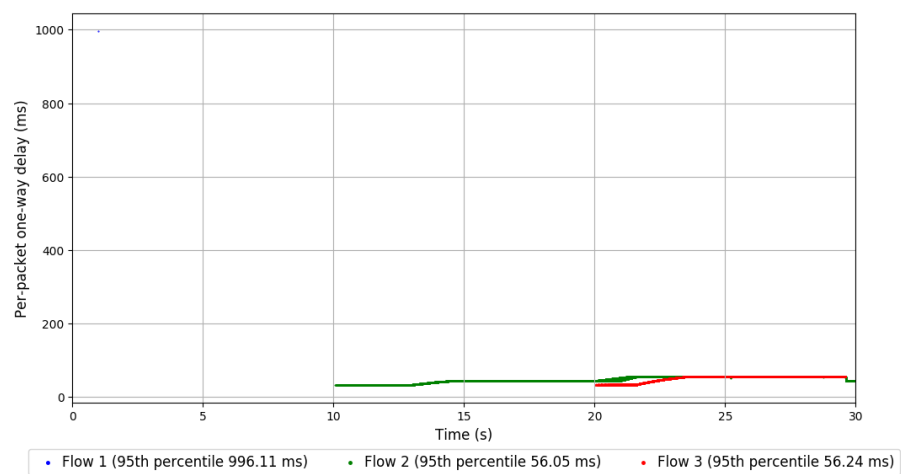
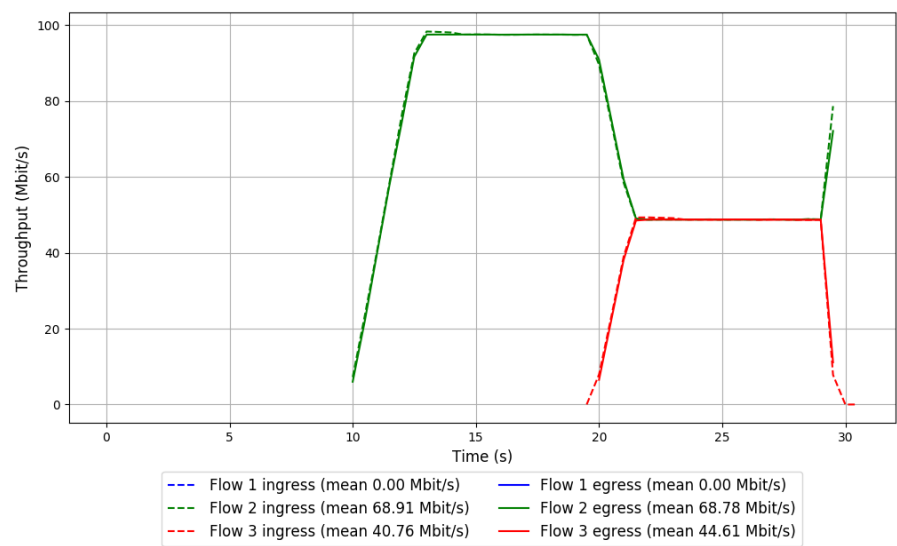


Run 2: Statistics of LEDBAT

Start at: 2018-01-09 23:57:25
End at: 2018-01-09 23:57:55
Local clock offset: 1.875 ms
Remote clock offset: -16.736 ms

Below is generated by plot.py at 2018-01-10 05:46:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.08 Mbit/s
95th percentile per-packet one-way delay: 56.154 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 996.108 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 68.78 Mbit/s
95th percentile per-packet one-way delay: 56.046 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 44.61 Mbit/s
95th percentile per-packet one-way delay: 56.241 ms
Loss rate: 0.25%

Run 2: Report of LEDBAT — Data Link

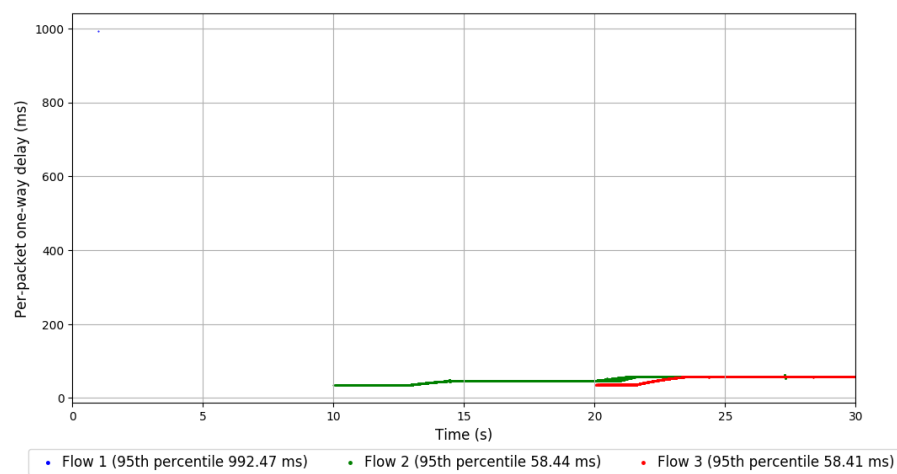
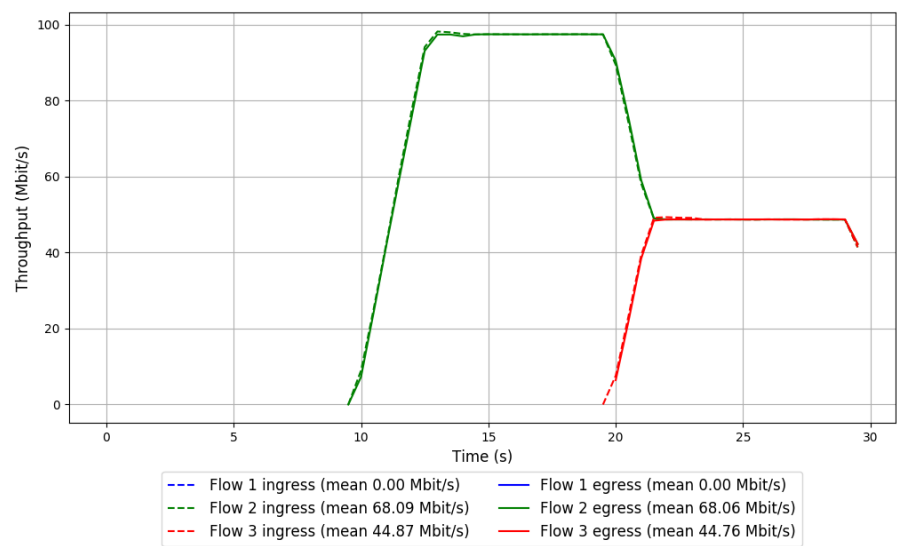


Run 3: Statistics of LEDBAT

Start at: 2018-01-10 00:15:09
End at: 2018-01-10 00:15:39
Local clock offset: 1.582 ms
Remote clock offset: -19.388 ms

Below is generated by plot.py at 2018-01-10 05:46:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.23 Mbit/s
95th percentile per-packet one-way delay: 58.429 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 992.468 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 68.06 Mbit/s
95th percentile per-packet one-way delay: 58.437 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 44.76 Mbit/s
95th percentile per-packet one-way delay: 58.413 ms
Loss rate: 0.54%

Run 3: Report of LEDBAT — Data Link

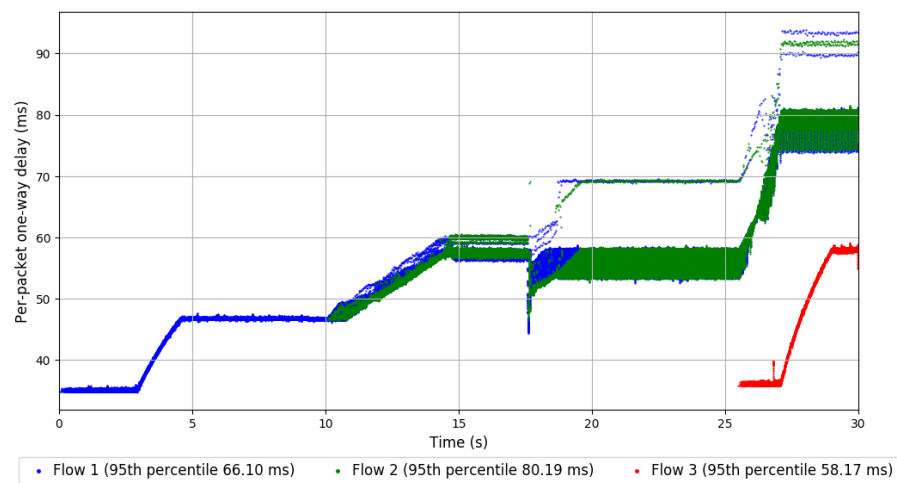
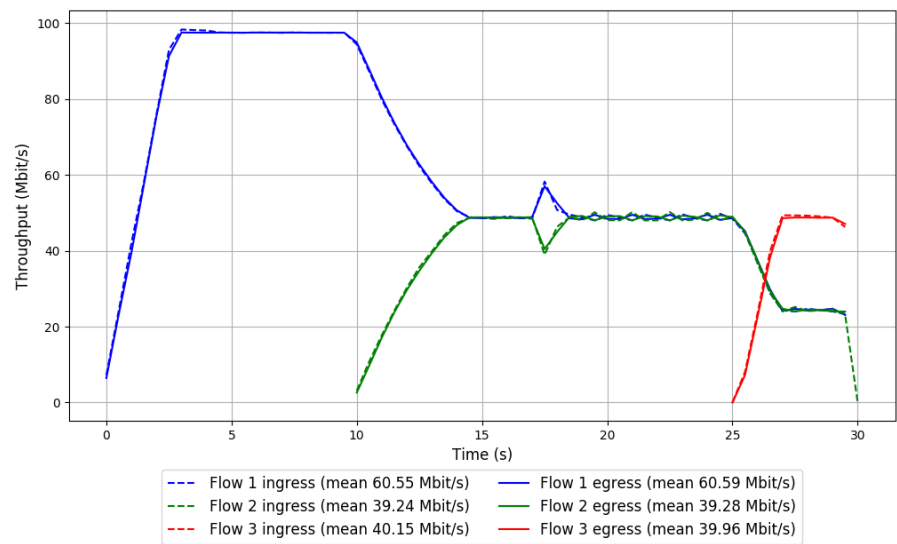


Run 4: Statistics of LEDBAT

Start at: 2018-01-10 00:32:45
End at: 2018-01-10 00:33:15
Local clock offset: 1.747 ms
Remote clock offset: -18.993 ms

Below is generated by plot.py at 2018-01-10 05:46:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.70 Mbit/s
95th percentile per-packet one-way delay: 75.671 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 60.59 Mbit/s
95th percentile per-packet one-way delay: 66.103 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 39.28 Mbit/s
95th percentile per-packet one-way delay: 80.192 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 39.96 Mbit/s
95th percentile per-packet one-way delay: 58.169 ms
Loss rate: 1.33%

Run 4: Report of LEDBAT — Data Link

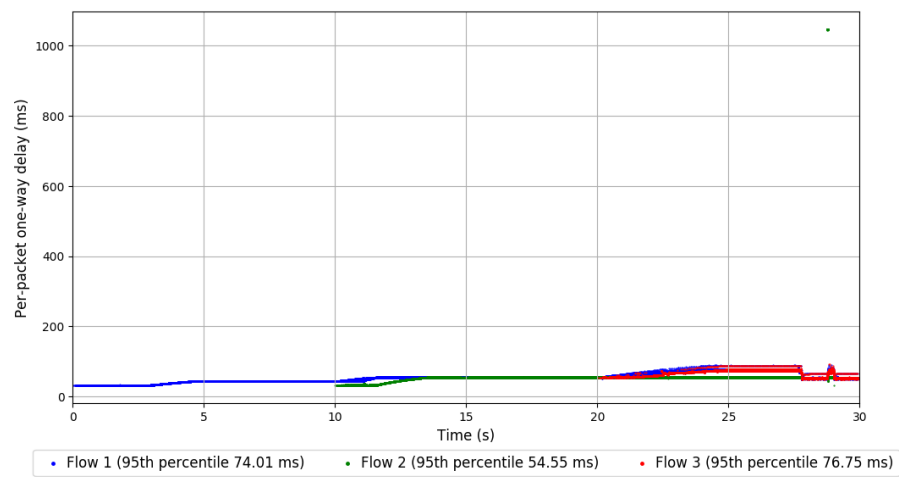
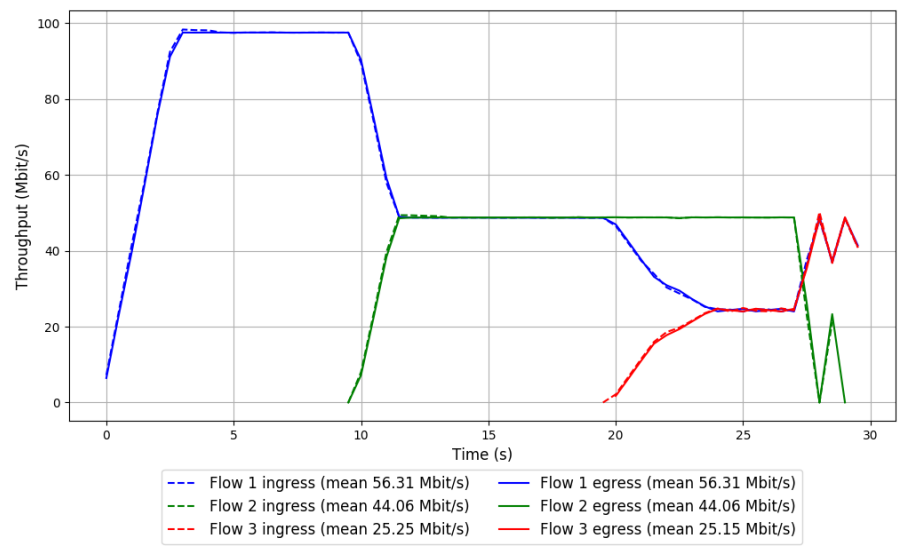


Run 5: Statistics of LEDBAT

Start at: 2018-01-10 00:50:33
End at: 2018-01-10 00:51:03
Local clock offset: 0.378 ms
Remote clock offset: -14.895 ms

Below is generated by plot.py at 2018-01-10 05:46:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.70 Mbit/s
95th percentile per-packet one-way delay: 74.670 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 56.31 Mbit/s
95th percentile per-packet one-way delay: 74.010 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 44.06 Mbit/s
95th percentile per-packet one-way delay: 54.546 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 25.15 Mbit/s
95th percentile per-packet one-way delay: 76.746 ms
Loss rate: 1.03%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

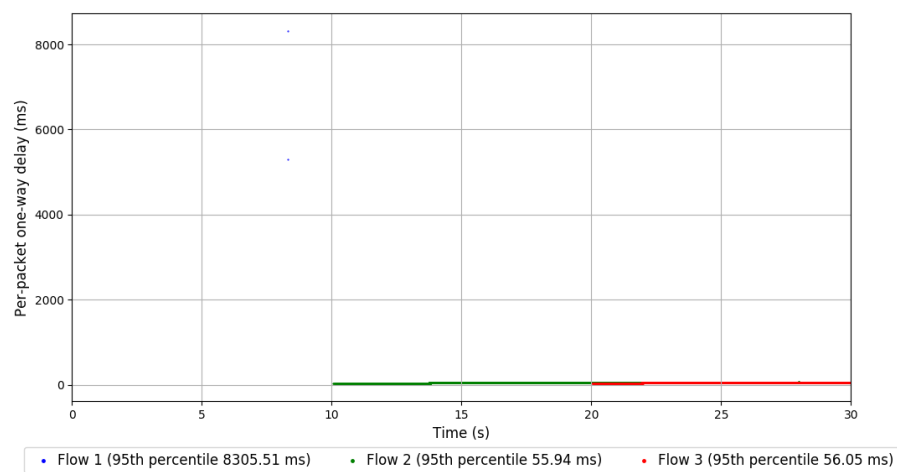
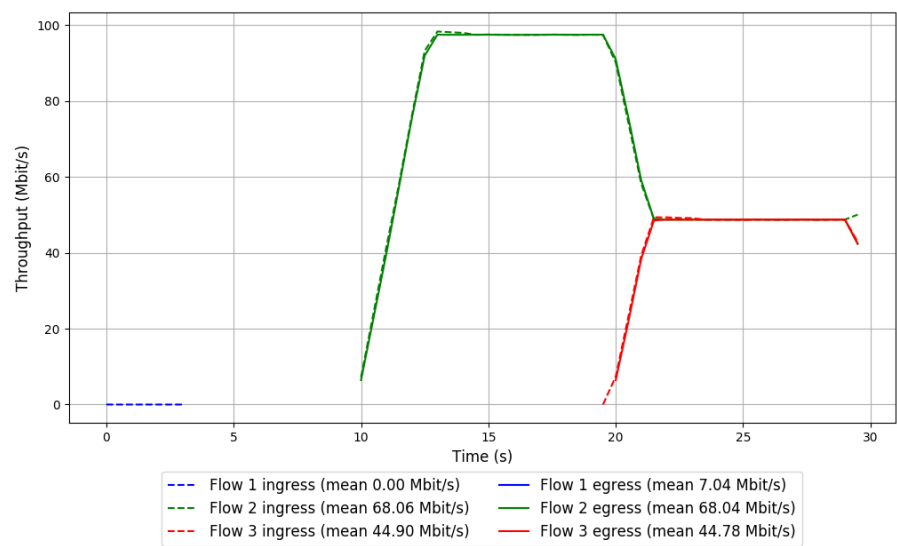
Start at: 2018-01-10 01:08:18

End at: 2018-01-10 01:08:48

Local clock offset: 1.327 ms

Remote clock offset: -15.201 ms

Run 6: Report of LEDBAT — Data Link

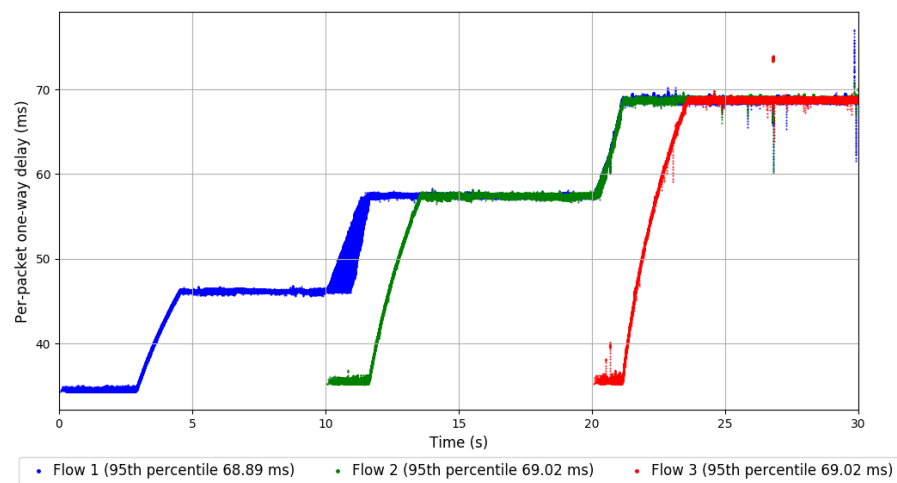
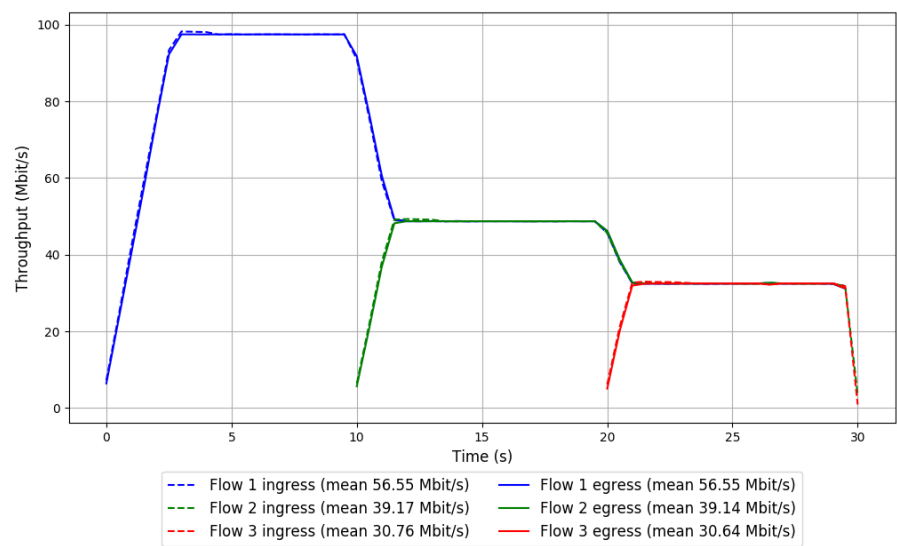


Run 7: Statistics of LEDBAT

Start at: 2018-01-10 01:25:46
End at: 2018-01-10 01:26:16
Local clock offset: 1.993 ms
Remote clock offset: -16.412 ms

Below is generated by plot.py at 2018-01-10 05:48:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.75 Mbit/s
95th percentile per-packet one-way delay: 68.978 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 56.55 Mbit/s
95th percentile per-packet one-way delay: 68.890 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 39.14 Mbit/s
95th percentile per-packet one-way delay: 69.024 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 30.64 Mbit/s
95th percentile per-packet one-way delay: 69.023 ms
Loss rate: 0.97%

Run 7: Report of LEDBAT — Data Link

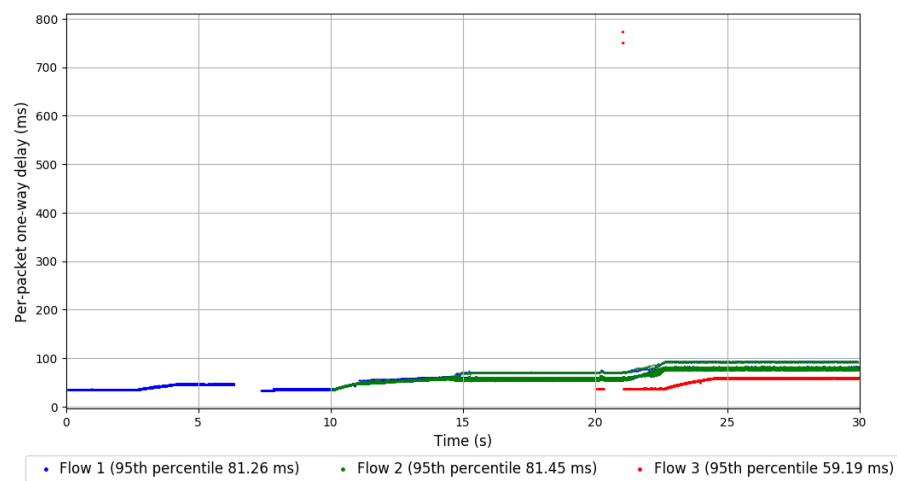
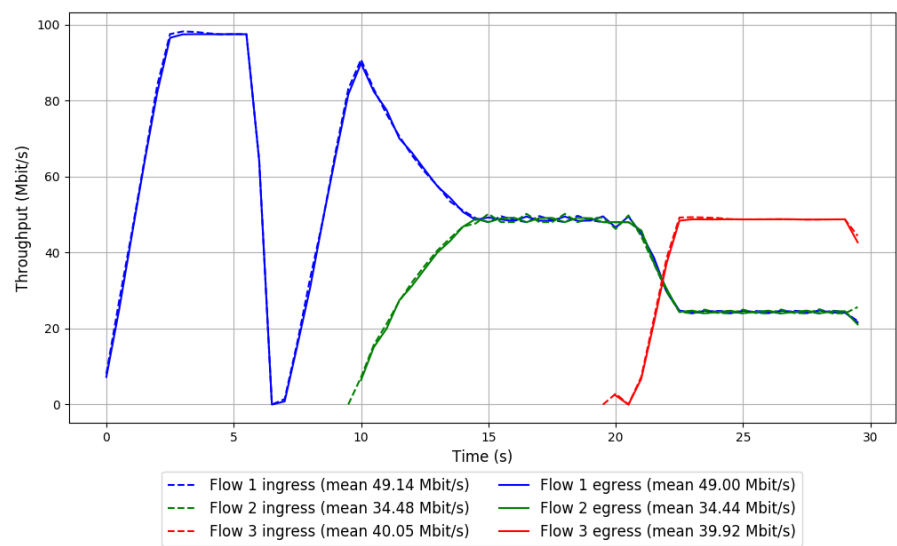


Run 8: Statistics of LEDBAT

Start at: 2018-01-10 01:43:35
End at: 2018-01-10 01:44:05
Local clock offset: 2.668 ms
Remote clock offset: -17.218 ms

Below is generated by plot.py at 2018-01-10 05:48:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.20 Mbit/s
95th percentile per-packet one-way delay: 81.311 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 49.00 Mbit/s
95th percentile per-packet one-way delay: 81.258 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 34.44 Mbit/s
95th percentile per-packet one-way delay: 81.447 ms
Loss rate: 0.57%
-- Flow 3:
Average throughput: 39.92 Mbit/s
95th percentile per-packet one-way delay: 59.190 ms
Loss rate: 0.93%

Run 8: Report of LEDBAT — Data Link

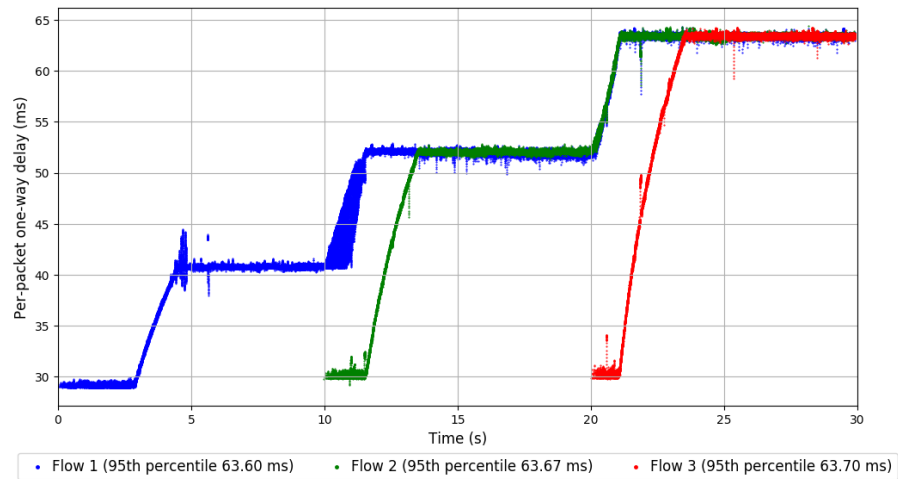
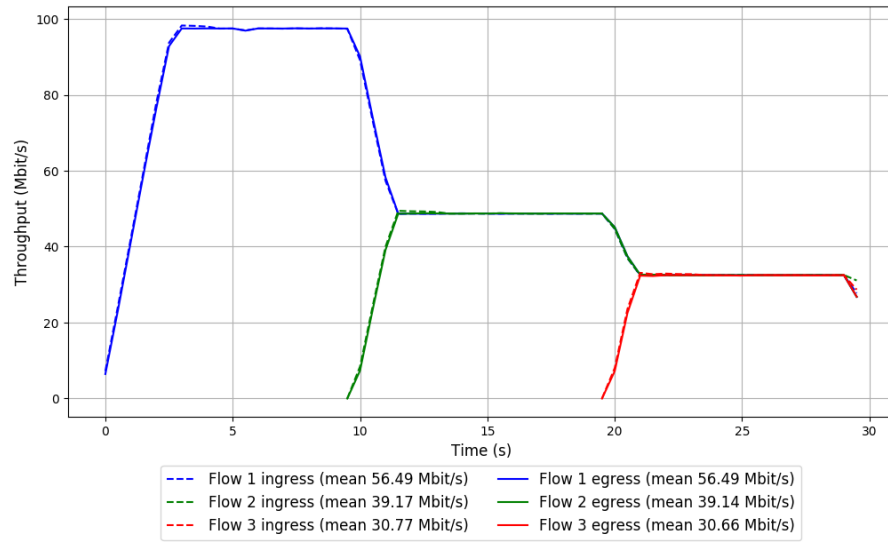


Run 9: Statistics of LEDBAT

Start at: 2018-01-10 02:01:53
End at: 2018-01-10 02:02:23
Local clock offset: 0.119 ms
Remote clock offset: -13.439 ms

Below is generated by plot.py at 2018-01-10 05:48:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.78 Mbit/s
95th percentile per-packet one-way delay: 63.650 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 56.49 Mbit/s
95th percentile per-packet one-way delay: 63.603 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 39.14 Mbit/s
95th percentile per-packet one-way delay: 63.668 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 30.66 Mbit/s
95th percentile per-packet one-way delay: 63.697 ms
Loss rate: 0.97%

Run 9: Report of LEDBAT — Data Link

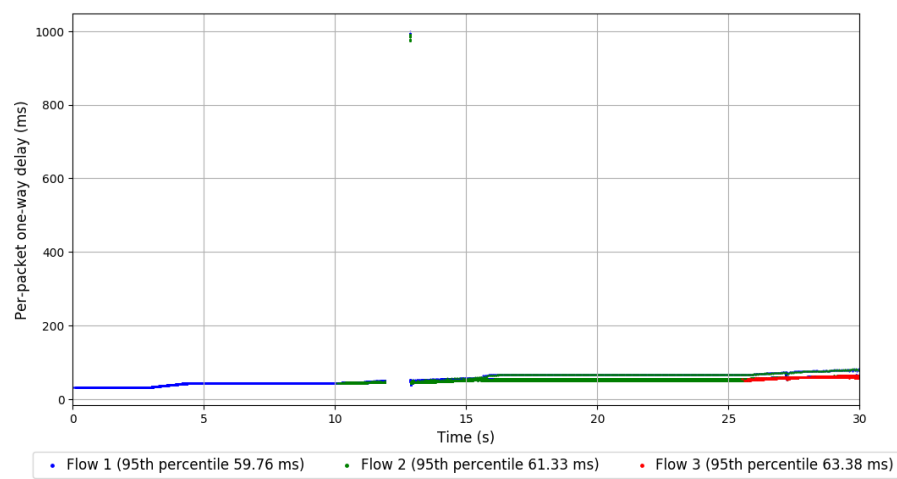
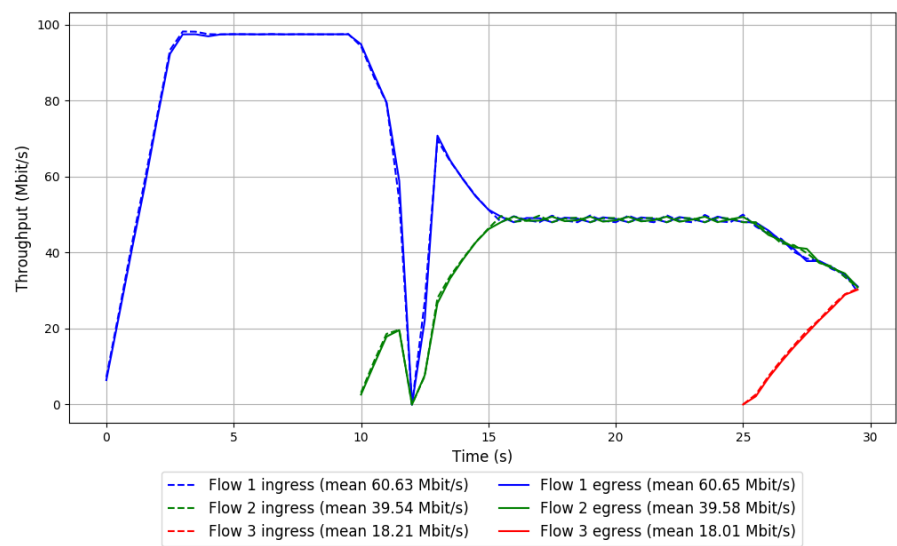


Run 10: Statistics of LEDBAT

Start at: 2018-01-10 02:19:42
End at: 2018-01-10 02:20:12
Local clock offset: 2.628 ms
Remote clock offset: -14.577 ms

Below is generated by plot.py at 2018-01-10 05:48:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.66 Mbit/s
95th percentile per-packet one-way delay: 60.674 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 60.65 Mbit/s
95th percentile per-packet one-way delay: 59.758 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 39.58 Mbit/s
95th percentile per-packet one-way delay: 61.326 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 18.01 Mbit/s
95th percentile per-packet one-way delay: 63.381 ms
Loss rate: 2.30%

Run 10: Report of LEDBAT — Data Link

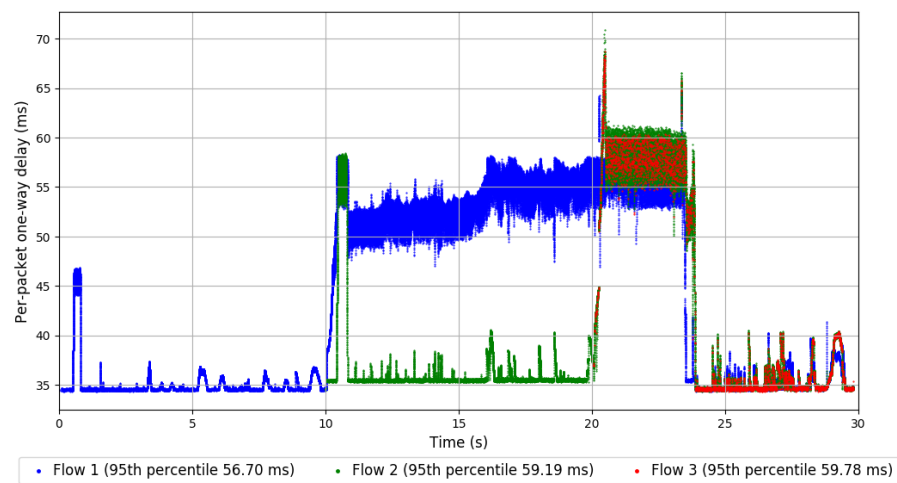
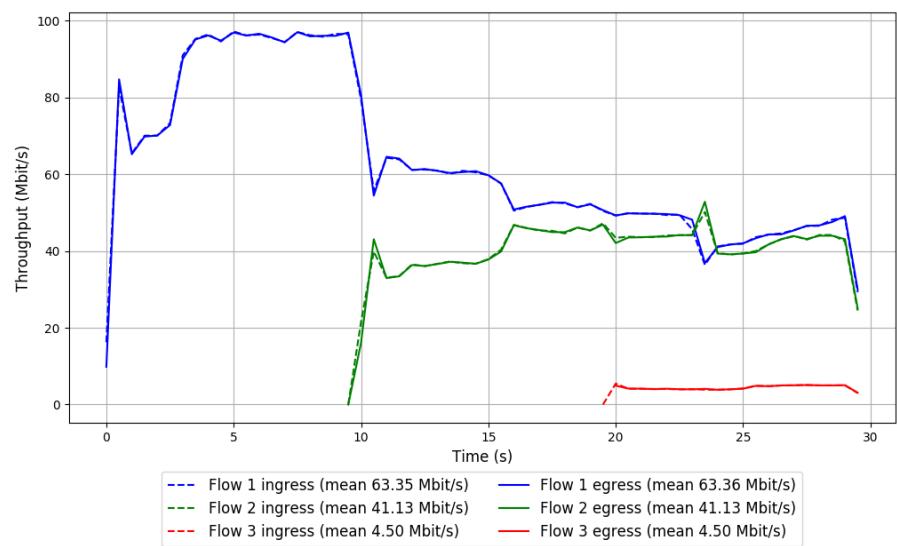


```
Run 1: Statistics of PCC

Start at: 2018-01-09 23:46:45
End at: 2018-01-09 23:47:15
Local clock offset: 2.763 ms
Remote clock offset: -17.656 ms

# Below is generated by plot.py at 2018-01-10 05:48:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.24 Mbit/s
95th percentile per-packet one-way delay: 57.455 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 63.36 Mbit/s
95th percentile per-packet one-way delay: 56.699 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 41.13 Mbit/s
95th percentile per-packet one-way delay: 59.192 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 4.50 Mbit/s
95th percentile per-packet one-way delay: 59.782 ms
Loss rate: 0.27%
```

Run 1: Report of PCC — Data Link

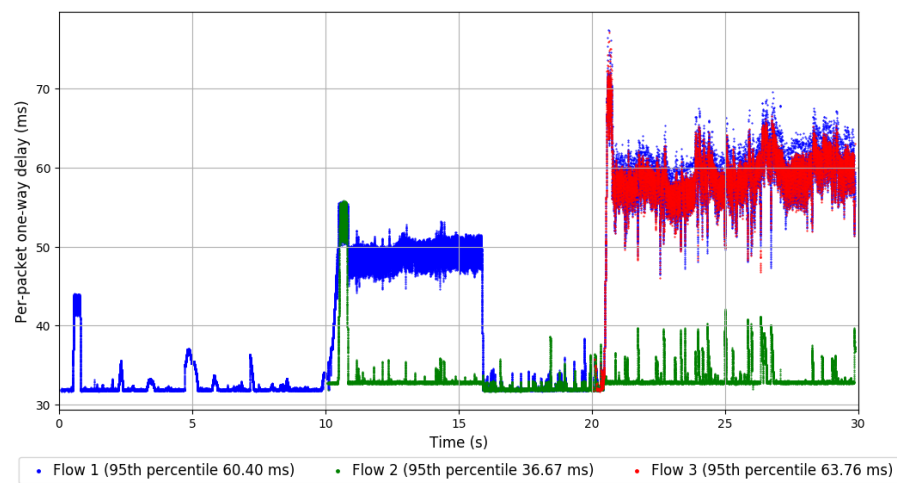
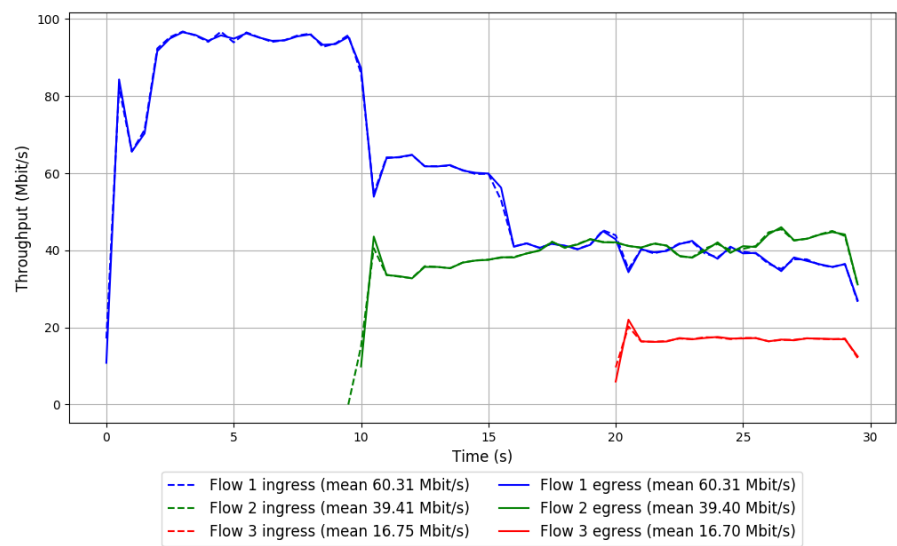


Run 2: Statistics of PCC

Start at: 2018-01-10 00:04:29
End at: 2018-01-10 00:04:59
Local clock offset: 1.189 ms
Remote clock offset: -16.555 ms

Below is generated by plot.py at 2018-01-10 05:48:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.99 Mbit/s
95th percentile per-packet one-way delay: 60.308 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 60.31 Mbit/s
95th percentile per-packet one-way delay: 60.403 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 39.40 Mbit/s
95th percentile per-packet one-way delay: 36.675 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 16.70 Mbit/s
95th percentile per-packet one-way delay: 63.756 ms
Loss rate: 0.52%

Run 2: Report of PCC — Data Link

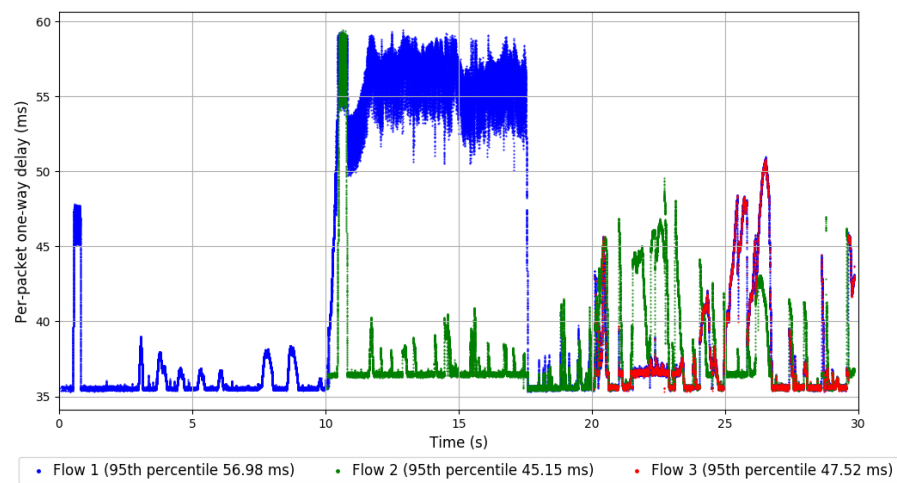
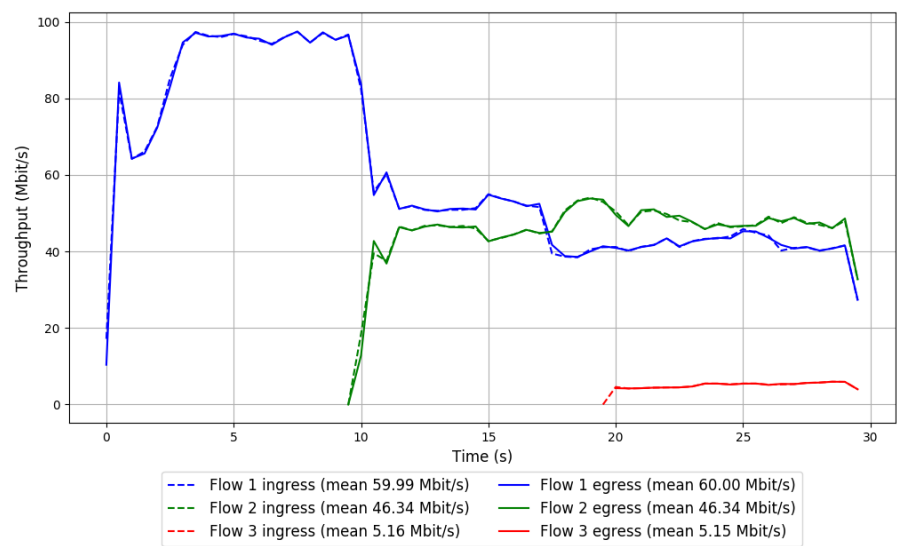


Run 3: Statistics of PCC

Start at: 2018-01-10 00:22:11
End at: 2018-01-10 00:22:41
Local clock offset: -9.287 ms
Remote clock offset: -30.757 ms

Below is generated by plot.py at 2018-01-10 05:49:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.54 Mbit/s
95th percentile per-packet one-way delay: 56.489 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 60.00 Mbit/s
95th percentile per-packet one-way delay: 56.983 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 46.34 Mbit/s
95th percentile per-packet one-way delay: 45.151 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 5.15 Mbit/s
95th percentile per-packet one-way delay: 47.519 ms
Loss rate: 0.41%

Run 3: Report of PCC — Data Link

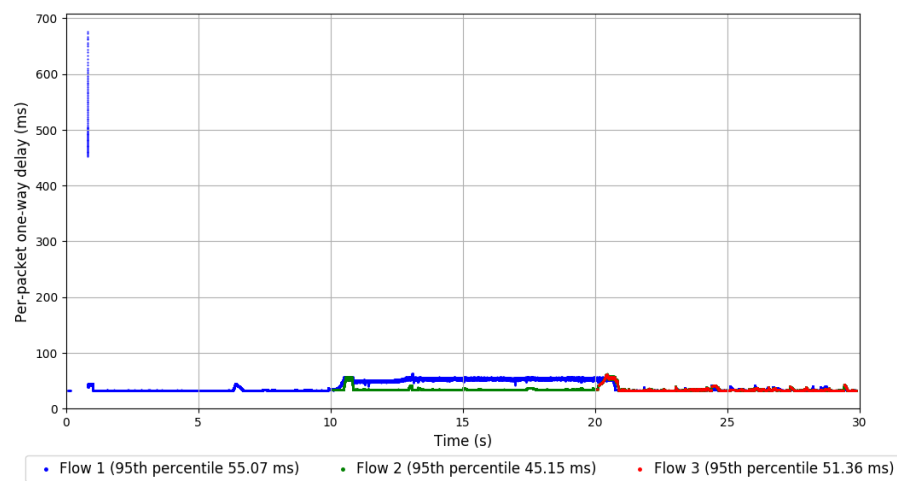
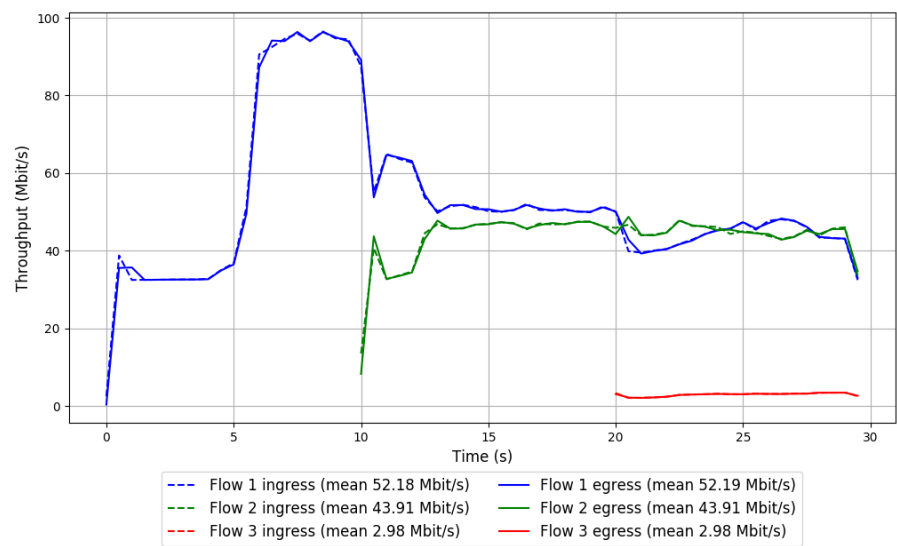


Run 4: Statistics of PCC

Start at: 2018-01-10 00:39:54
End at: 2018-01-10 00:40:24
Local clock offset: 2.314 ms
Remote clock offset: -15.428 ms

Below is generated by plot.py at 2018-01-10 05:49:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.36 Mbit/s
95th percentile per-packet one-way delay: 54.836 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 52.19 Mbit/s
95th percentile per-packet one-way delay: 55.071 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 43.91 Mbit/s
95th percentile per-packet one-way delay: 45.152 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 2.98 Mbit/s
95th percentile per-packet one-way delay: 51.358 ms
Loss rate: 0.31%

Run 4: Report of PCC — Data Link

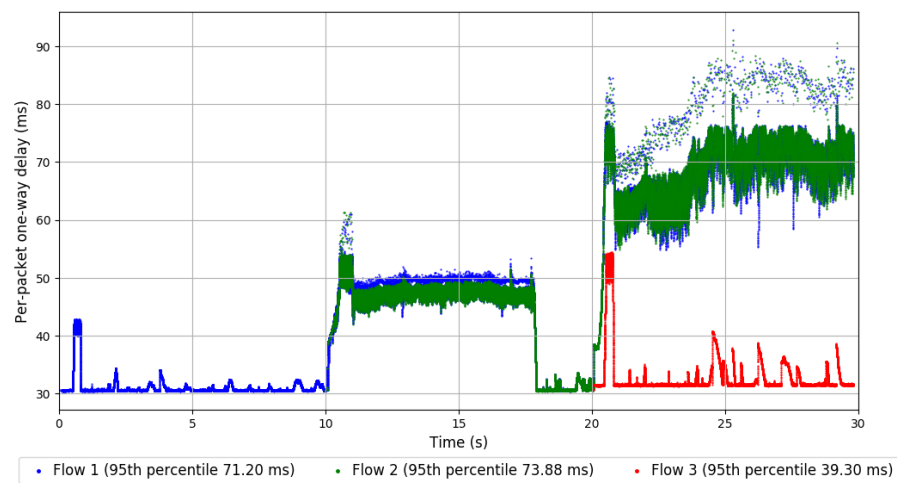
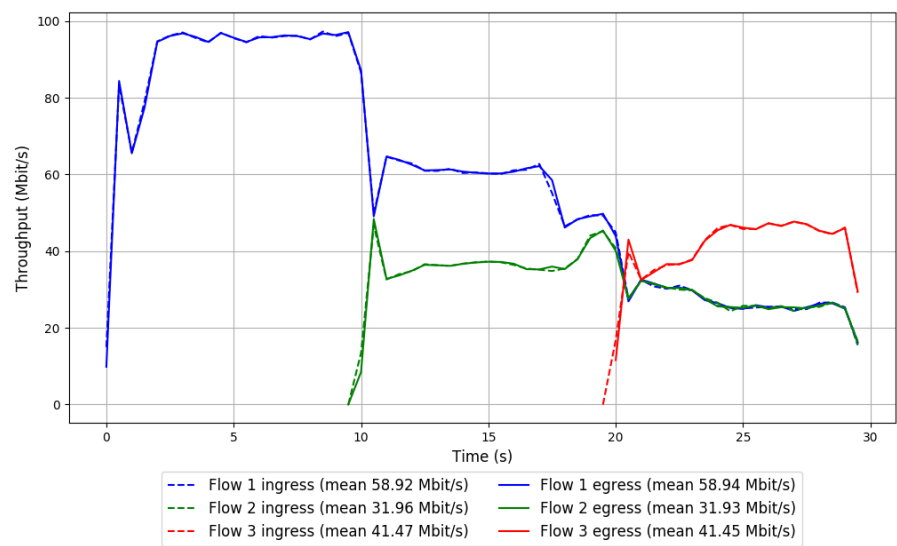


Run 5: Statistics of PCC

Start at: 2018-01-10 00:57:44
End at: 2018-01-10 00:58:14
Local clock offset: 0.148 ms
Remote clock offset: -14.334 ms

Below is generated by plot.py at 2018-01-10 05:50:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.84 Mbit/s
95th percentile per-packet one-way delay: 72.010 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 58.94 Mbit/s
95th percentile per-packet one-way delay: 71.198 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 31.93 Mbit/s
95th percentile per-packet one-way delay: 73.879 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 41.45 Mbit/s
95th percentile per-packet one-way delay: 39.301 ms
Loss rate: 0.30%

Run 5: Report of PCC — Data Link

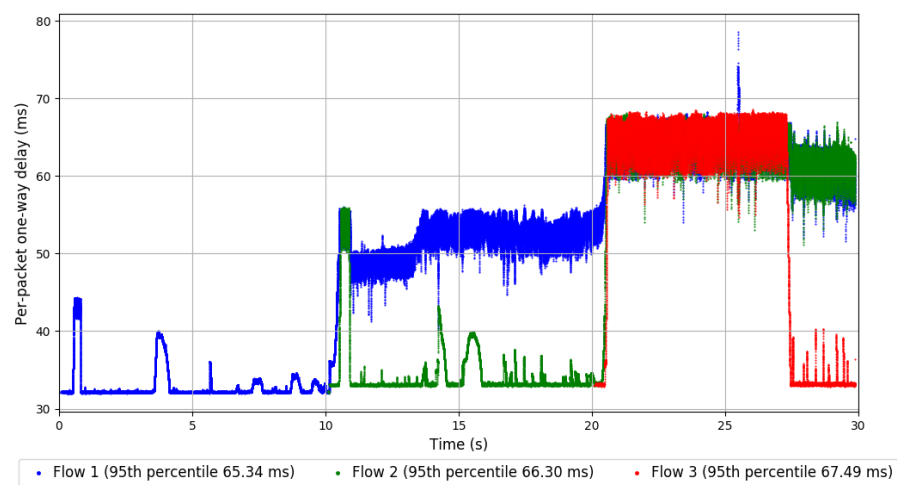
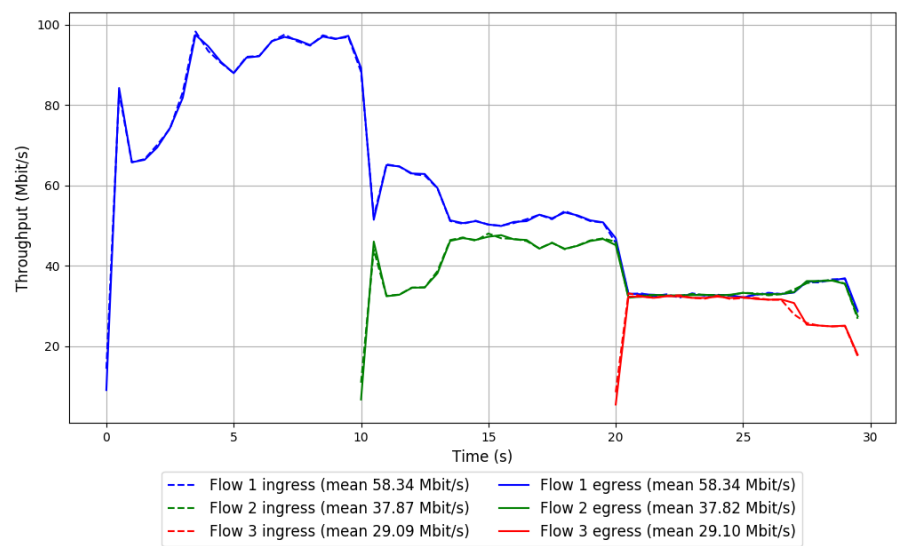


Run 6: Statistics of PCC

Start at: 2018-01-10 01:15:17
End at: 2018-01-10 01:15:47
Local clock offset: -0.603 ms
Remote clock offset: -16.694 ms

Below is generated by plot.py at 2018-01-10 05:50:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.01 Mbit/s
95th percentile per-packet one-way delay: 66.308 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 58.34 Mbit/s
95th percentile per-packet one-way delay: 65.337 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 37.82 Mbit/s
95th percentile per-packet one-way delay: 66.304 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 29.10 Mbit/s
95th percentile per-packet one-way delay: 67.492 ms
Loss rate: 0.22%

Run 6: Report of PCC — Data Link

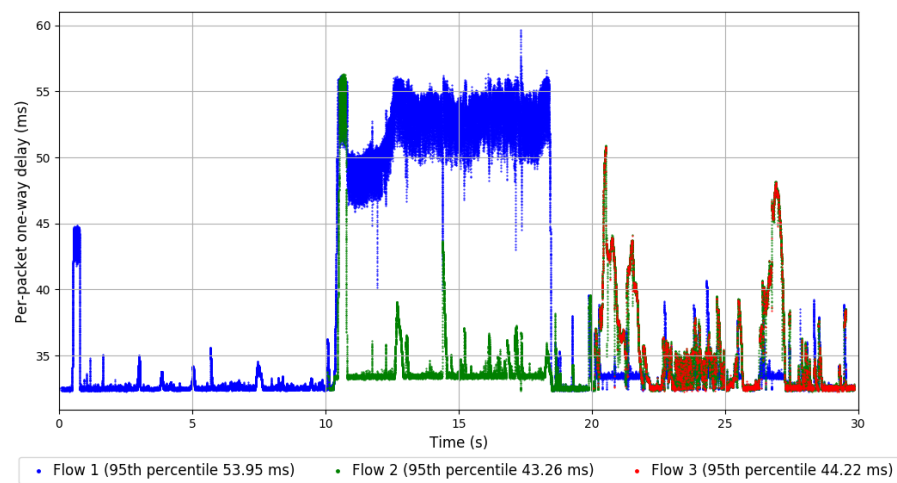
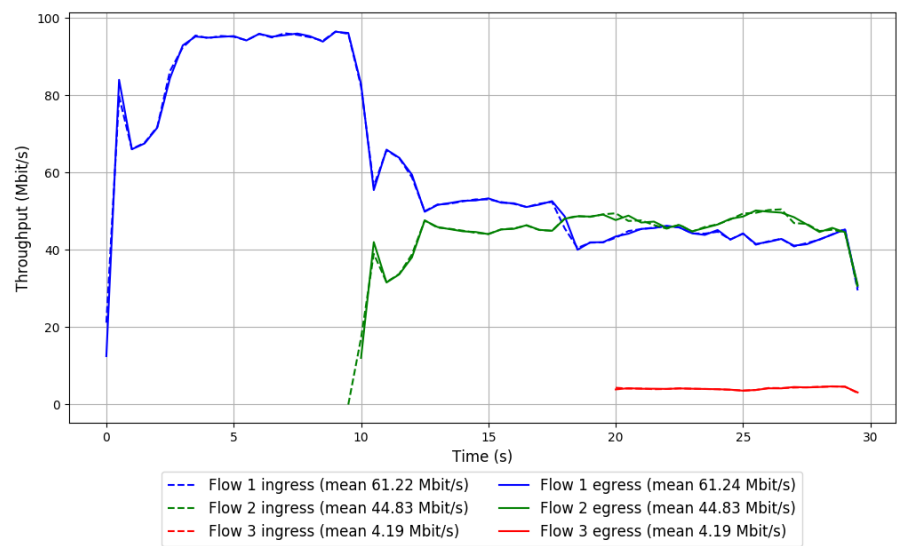


Run 7: Statistics of PCC

Start at: 2018-01-10 01:32:53
End at: 2018-01-10 01:33:23
Local clock offset: 0.949 ms
Remote clock offset: -16.903 ms

Below is generated by plot.py at 2018-01-10 05:51:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.44 Mbit/s
95th percentile per-packet one-way delay: 53.495 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 61.24 Mbit/s
95th percentile per-packet one-way delay: 53.947 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 44.83 Mbit/s
95th percentile per-packet one-way delay: 43.256 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 4.19 Mbit/s
95th percentile per-packet one-way delay: 44.224 ms
Loss rate: 0.25%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: 2018-01-10 01:51:01

End at: 2018-01-10 01:51:31

Local clock offset: 1.182 ms

Remote clock offset: -13.3 ms

Below is generated by plot.py at 2018-01-10 05:51:25

Datalink statistics

-- Total of 3 flows:

Average throughput: 92.15 Mbit/s

95th percentile per-packet one-way delay: 52.485 ms

Loss rate: 0.09%

-- Flow 1:

Average throughput: 73.81 Mbit/s

95th percentile per-packet one-way delay: 52.471 ms

Loss rate: 0.05%

-- Flow 2:

Average throughput: 9.27 Mbit/s

95th percentile per-packet one-way delay: 53.985 ms

Loss rate: 0.16%

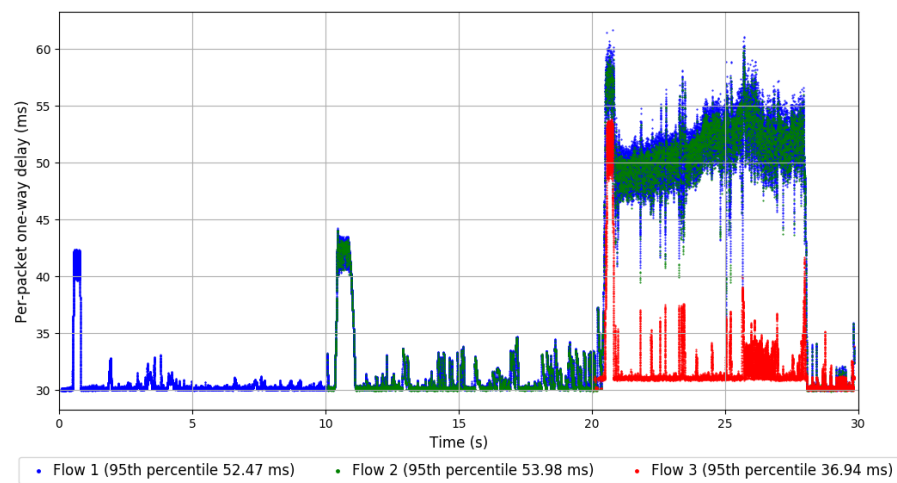
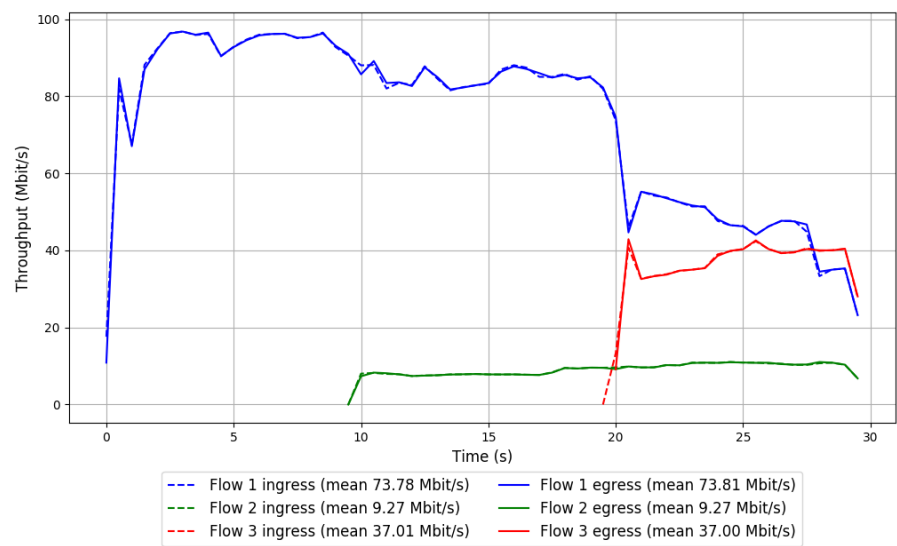
-- Flow 3:

Average throughput: 37.00 Mbit/s

95th percentile per-packet one-way delay: 36.943 ms

Loss rate: 0.31%

Run 8: Report of PCC — Data Link

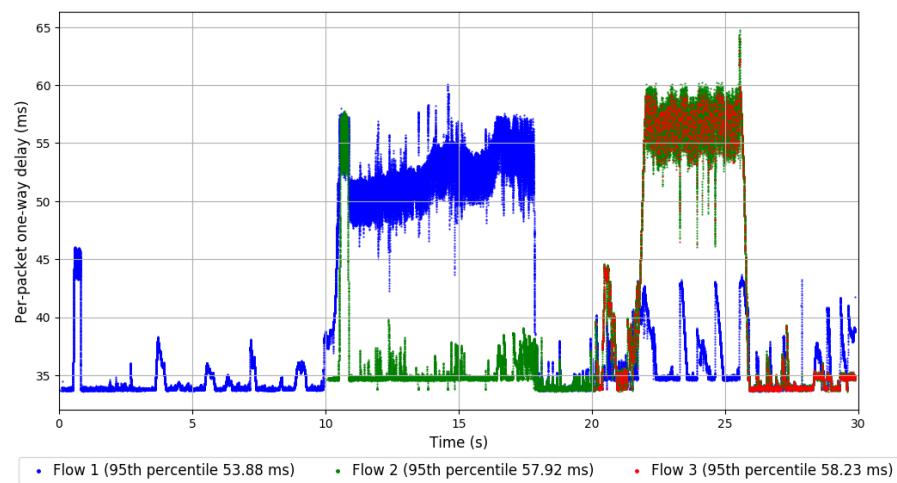
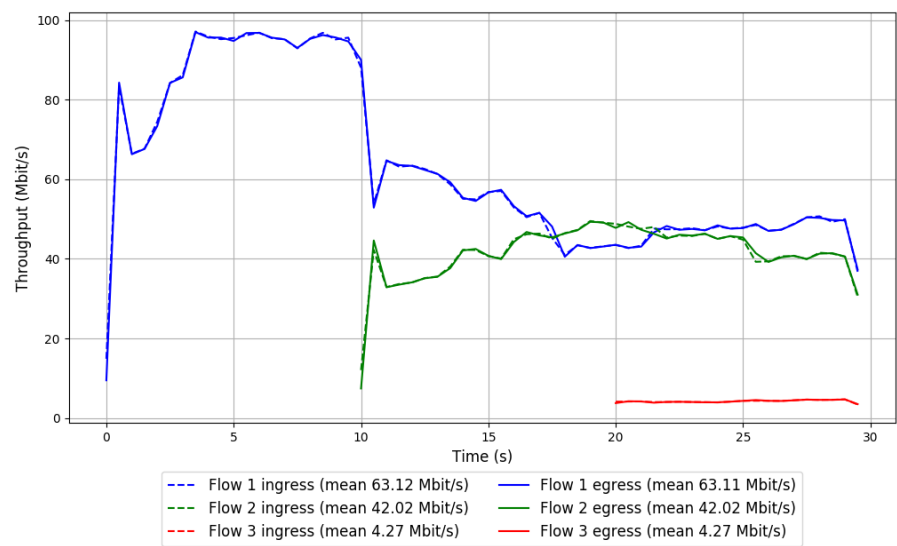


Run 9: Statistics of PCC

Start at: 2018-01-10 02:09:11
End at: 2018-01-10 02:09:41
Local clock offset: 3.839 ms
Remote clock offset: -14.774 ms

Below is generated by plot.py at 2018-01-10 05:51:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.44 Mbit/s
95th percentile per-packet one-way delay: 56.254 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 63.11 Mbit/s
95th percentile per-packet one-way delay: 53.881 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 42.02 Mbit/s
95th percentile per-packet one-way delay: 57.923 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 4.27 Mbit/s
95th percentile per-packet one-way delay: 58.227 ms
Loss rate: 0.27%

Run 9: Report of PCC — Data Link

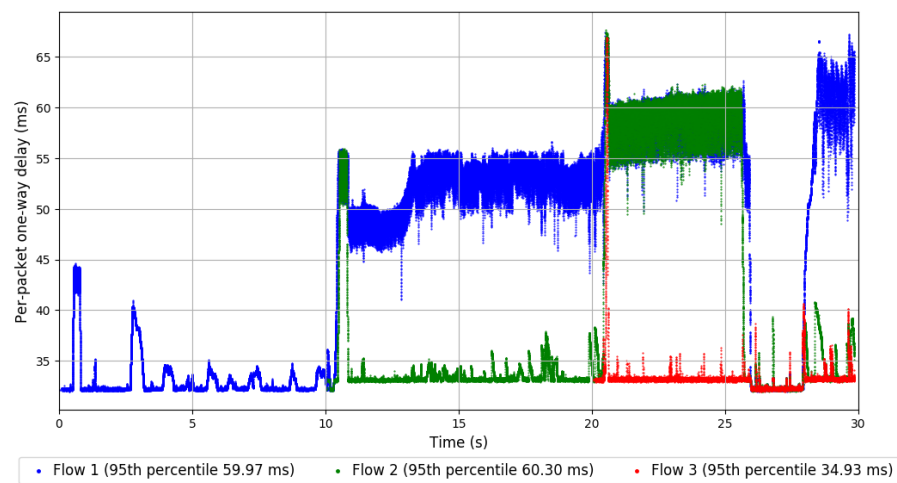
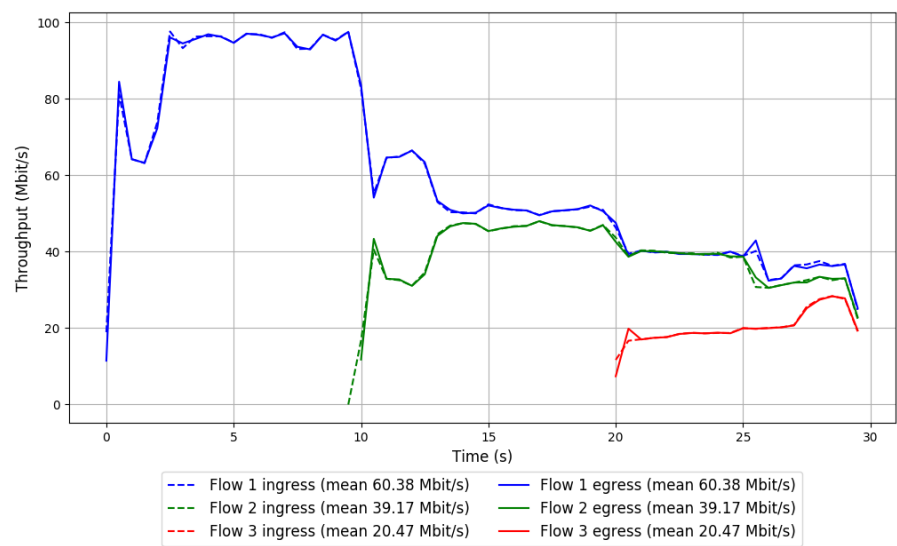


Run 10: Statistics of PCC

Start at: 2018-01-10 02:26:56
End at: 2018-01-10 02:27:26
Local clock offset: 3.463 ms
Remote clock offset: -14.23 ms

Below is generated by plot.py at 2018-01-10 05:51:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.16 Mbit/s
95th percentile per-packet one-way delay: 60.020 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 60.38 Mbit/s
95th percentile per-packet one-way delay: 59.966 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 39.17 Mbit/s
95th percentile per-packet one-way delay: 60.300 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 20.47 Mbit/s
95th percentile per-packet one-way delay: 34.931 ms
Loss rate: 0.40%

Run 10: Report of PCC — Data Link

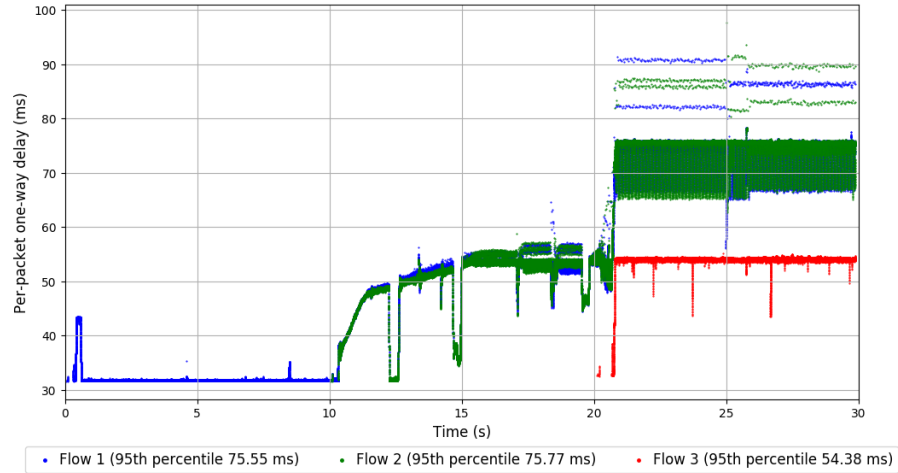
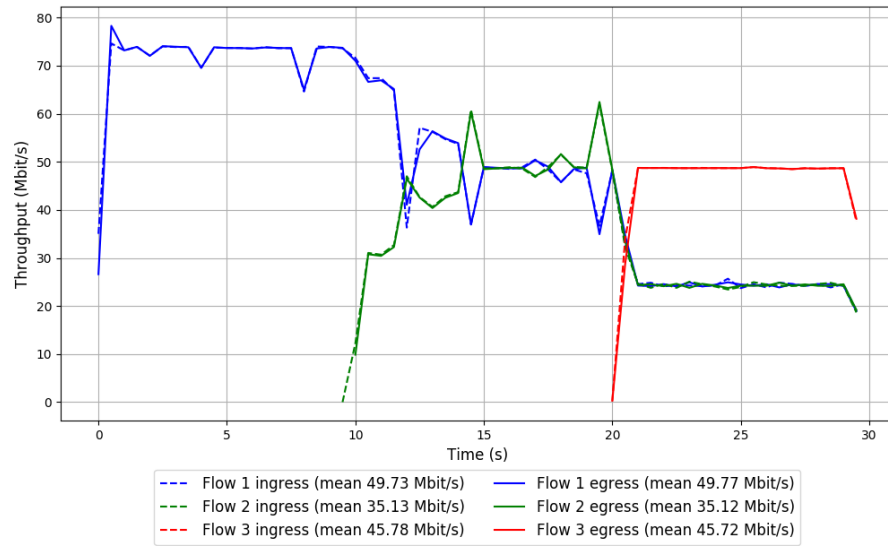


Run 1: Statistics of QUIC Cubic

Start at: 2018-01-09 23:37:16
End at: 2018-01-09 23:37:46
Local clock offset: 0.854 ms
Remote clock offset: -16.949 ms

Below is generated by plot.py at 2018-01-10 05:51:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.10 Mbit/s
95th percentile per-packet one-way delay: 75.598 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 49.77 Mbit/s
95th percentile per-packet one-way delay: 75.551 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 35.12 Mbit/s
95th percentile per-packet one-way delay: 75.770 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 45.72 Mbit/s
95th percentile per-packet one-way delay: 54.378 ms
Loss rate: 0.53%

Run 1: Report of QUIC Cubic — Data Link

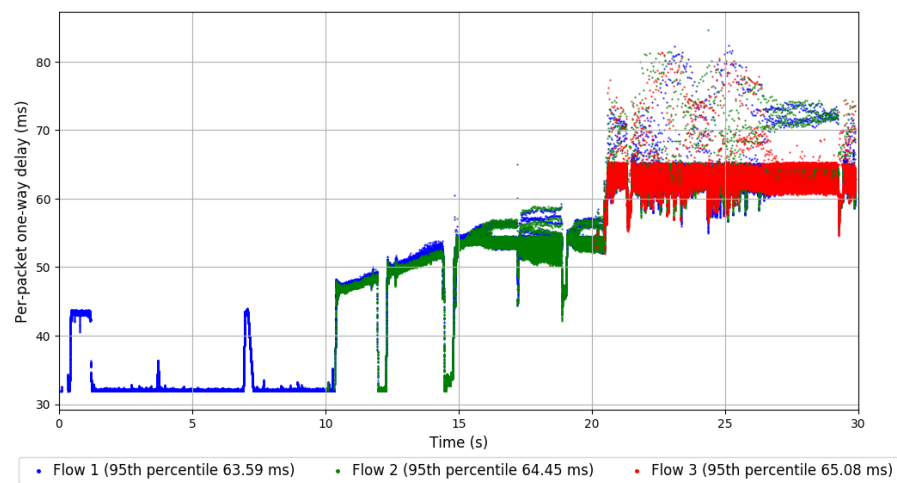
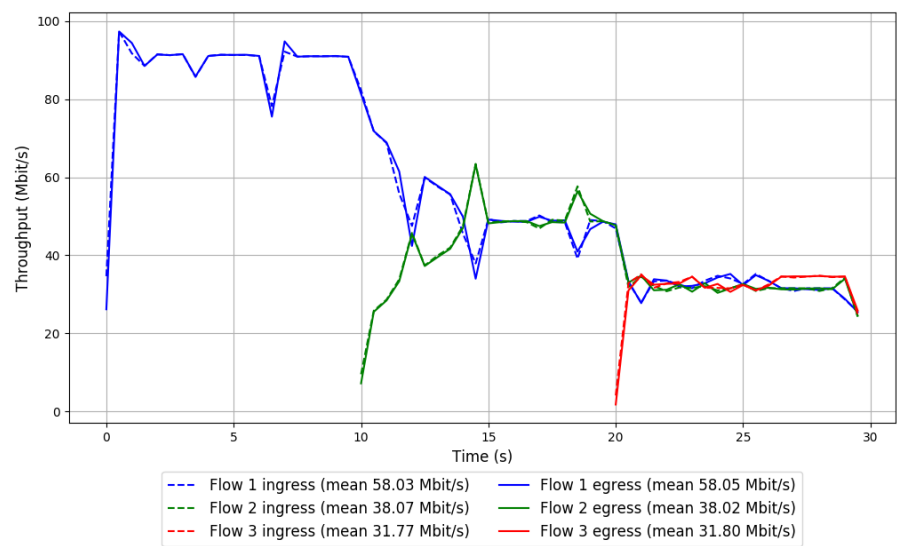


Run 2: Statistics of QUIC Cubic

Start at: 2018-01-09 23:55:07
End at: 2018-01-09 23:55:37
Local clock offset: 0.705 ms
Remote clock offset: -17.077 ms

Below is generated by plot.py at 2018-01-10 05:51:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.78 Mbit/s
95th percentile per-packet one-way delay: 64.380 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 58.05 Mbit/s
95th percentile per-packet one-way delay: 63.586 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 38.02 Mbit/s
95th percentile per-packet one-way delay: 64.447 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 31.80 Mbit/s
95th percentile per-packet one-way delay: 65.080 ms
Loss rate: 0.53%

Run 2: Report of QUIC Cubic — Data Link

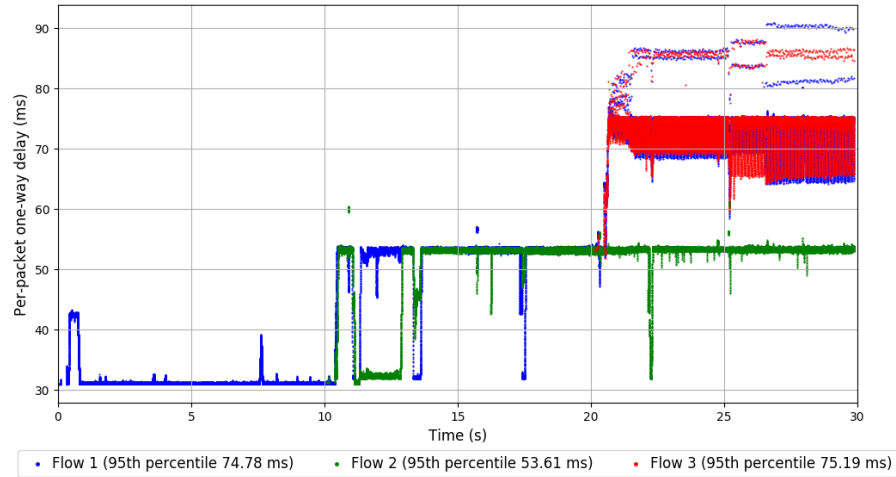
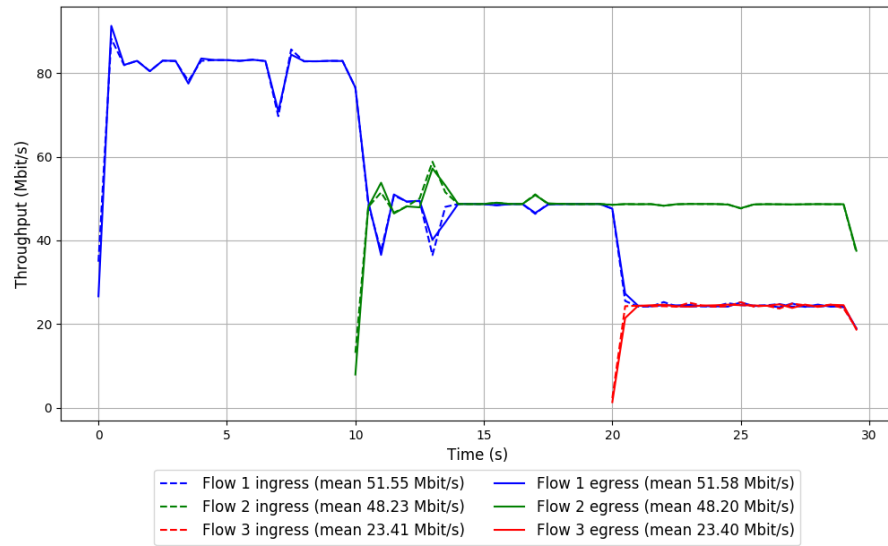


Run 3: Statistics of QUIC Cubic

Start at: 2018-01-10 00:12:50
End at: 2018-01-10 00:13:20
Local clock offset: 0.346 ms
Remote clock offset: -16.581 ms

Below is generated by plot.py at 2018-01-10 05:53:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.19 Mbit/s
95th percentile per-packet one-way delay: 74.821 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 51.58 Mbit/s
95th percentile per-packet one-way delay: 74.779 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 48.20 Mbit/s
95th percentile per-packet one-way delay: 53.607 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 23.40 Mbit/s
95th percentile per-packet one-way delay: 75.191 ms
Loss rate: 0.76%

Run 3: Report of QUIC Cubic — Data Link

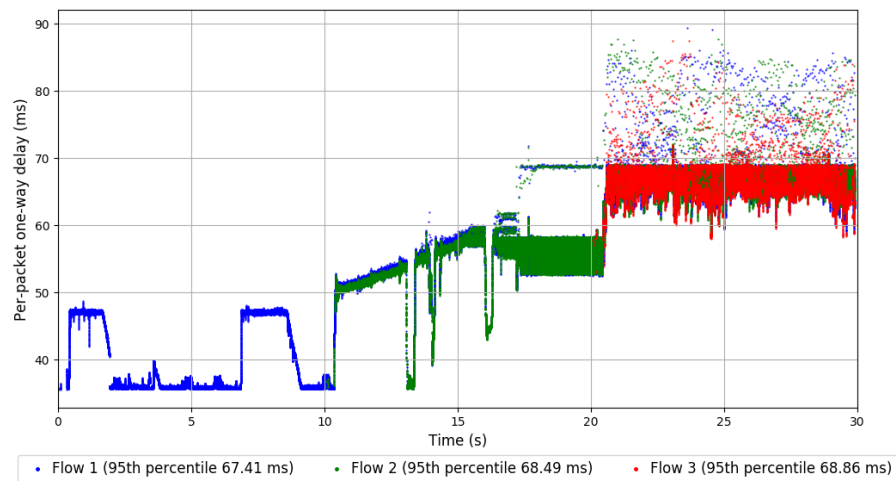
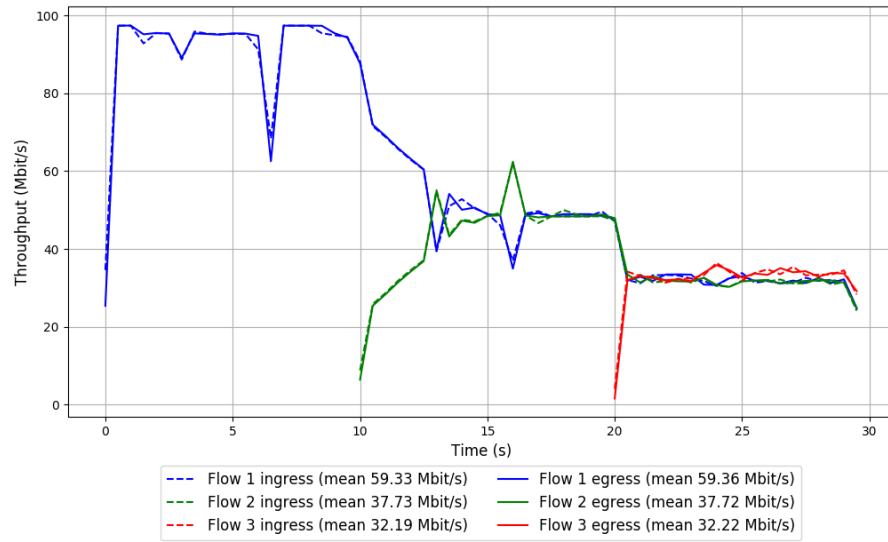


Run 4: Statistics of QUIC Cubic

Start at: 2018-01-10 00:30:26
End at: 2018-01-10 00:30:56
Local clock offset: 3.542 ms
Remote clock offset: -18.069 ms

Below is generated by plot.py at 2018-01-10 05:53:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.02 Mbit/s
95th percentile per-packet one-way delay: 68.259 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 59.36 Mbit/s
95th percentile per-packet one-way delay: 67.406 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 37.72 Mbit/s
95th percentile per-packet one-way delay: 68.487 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 32.22 Mbit/s
95th percentile per-packet one-way delay: 68.856 ms
Loss rate: 0.66%

Run 4: Report of QUIC Cubic — Data Link

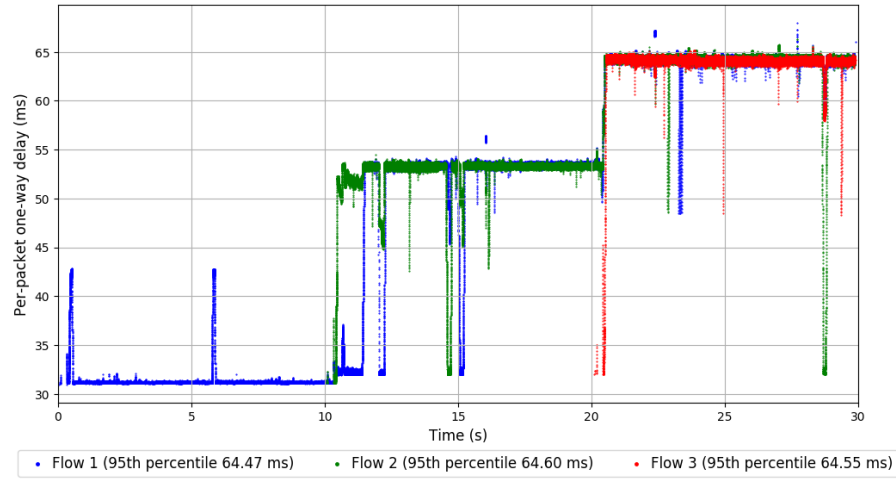
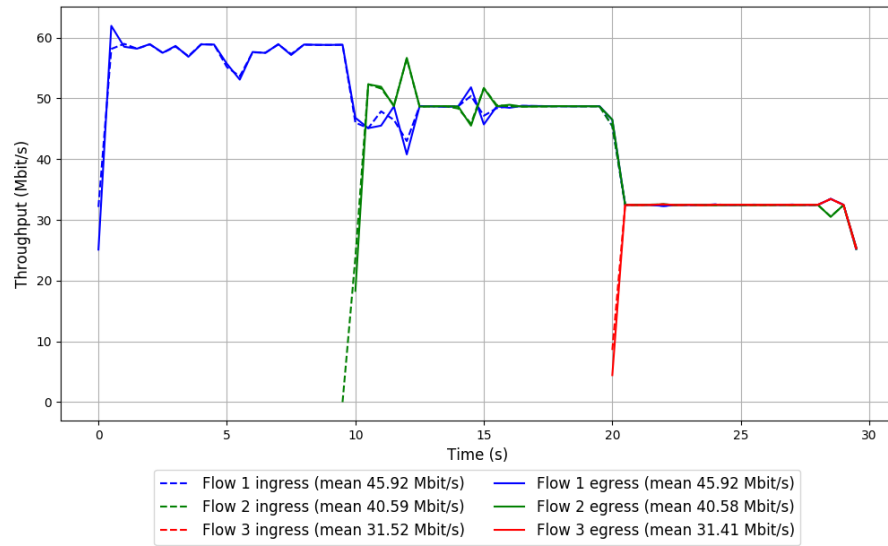


Run 5: Statistics of QUIC Cubic

Start at: 2018-01-10 00:48:15
End at: 2018-01-10 00:48:45
Local clock offset: 1.404 ms
Remote clock offset: -13.819 ms

Below is generated by plot.py at 2018-01-10 05:53:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.21 Mbit/s
95th percentile per-packet one-way delay: 64.536 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 45.92 Mbit/s
95th percentile per-packet one-way delay: 64.467 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 40.58 Mbit/s
95th percentile per-packet one-way delay: 64.602 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 31.41 Mbit/s
95th percentile per-packet one-way delay: 64.552 ms
Loss rate: 0.62%

Run 5: Report of QUIC Cubic — Data Link

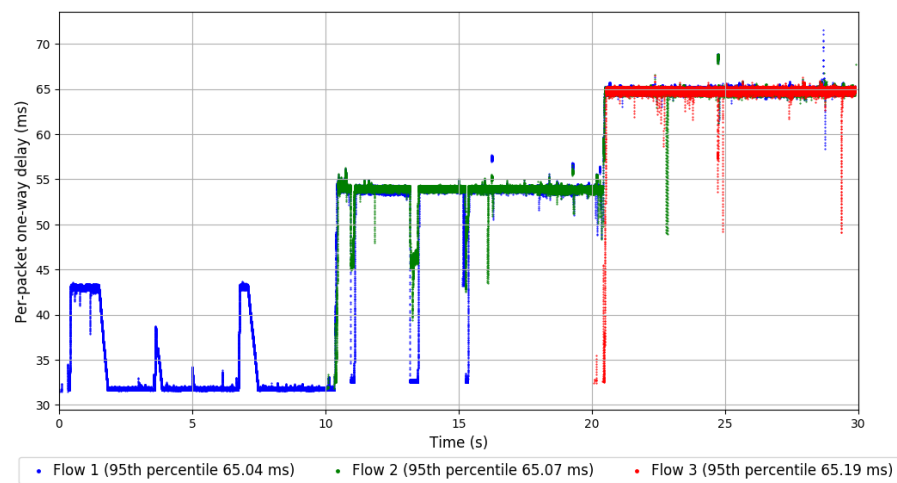
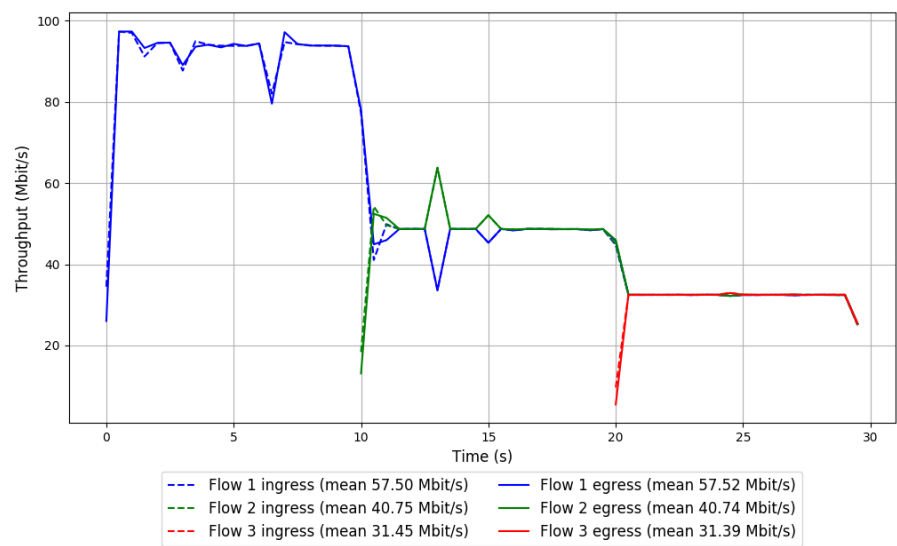


Run 6: Statistics of QUIC Cubic

Start at: 2018-01-10 01:05:59
End at: 2018-01-10 01:06:29
Local clock offset: 1.821 ms
Remote clock offset: -13.583 ms

Below is generated by plot.py at 2018-01-10 05:54:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.92 Mbit/s
95th percentile per-packet one-way delay: 65.108 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 57.52 Mbit/s
95th percentile per-packet one-way delay: 65.043 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.74 Mbit/s
95th percentile per-packet one-way delay: 65.072 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 31.39 Mbit/s
95th percentile per-packet one-way delay: 65.191 ms
Loss rate: 0.63%

Run 6: Report of QUIC Cubic — Data Link

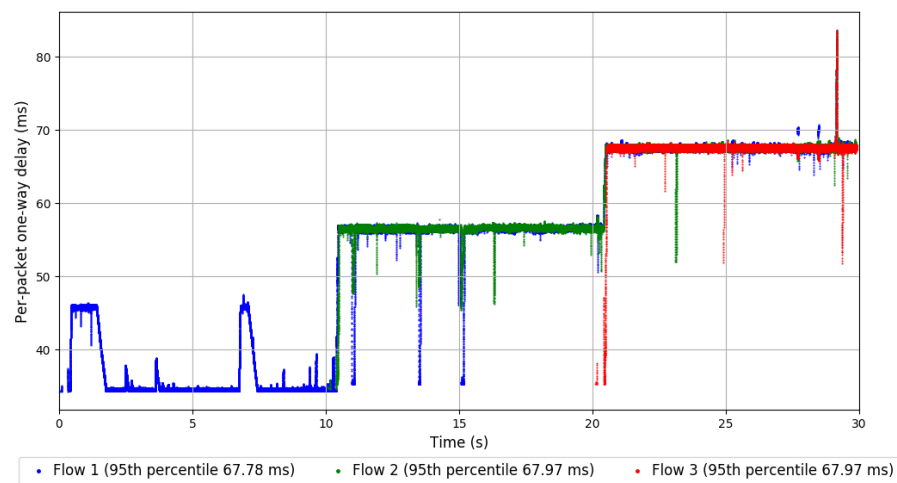
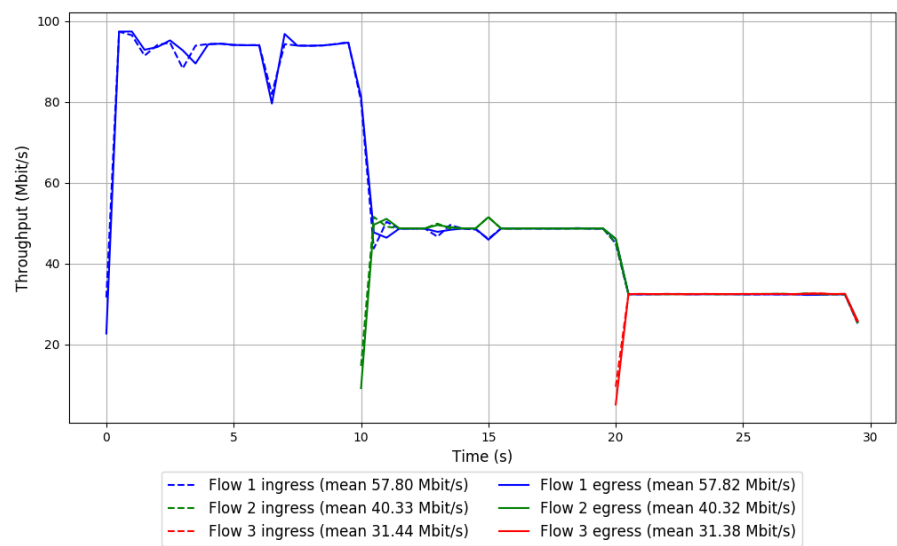


Run 7: Statistics of QUIC Cubic

Start at: 2018-01-10 01:23:28
End at: 2018-01-10 01:23:58
Local clock offset: 2.601 ms
Remote clock offset: -15.888 ms

Below is generated by plot.py at 2018-01-10 05:54:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.88 Mbit/s
95th percentile per-packet one-way delay: 67.924 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 57.82 Mbit/s
95th percentile per-packet one-way delay: 67.777 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.32 Mbit/s
95th percentile per-packet one-way delay: 67.968 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 31.38 Mbit/s
95th percentile per-packet one-way delay: 67.975 ms
Loss rate: 0.62%

Run 7: Report of QUIC Cubic — Data Link

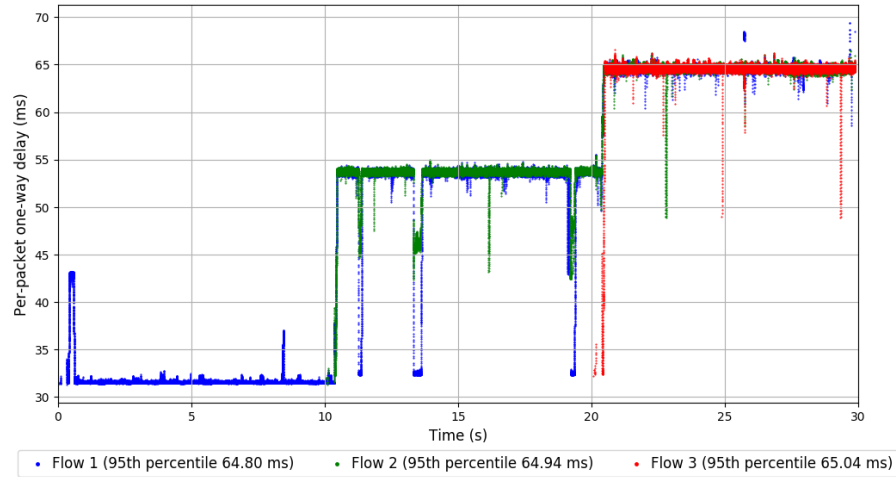
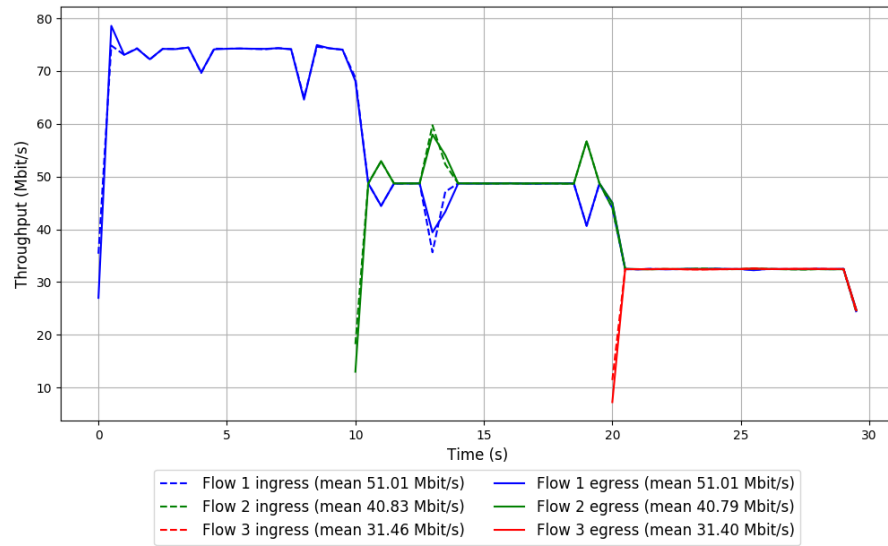


Run 8: Statistics of QUIC Cubic

Start at: 2018-01-10 01:41:13
End at: 2018-01-10 01:41:43
Local clock offset: 0.966 ms
Remote clock offset: -15.825 ms

Below is generated by plot.py at 2018-01-10 05:54:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.44 Mbit/s
95th percentile per-packet one-way delay: 64.922 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 51.01 Mbit/s
95th percentile per-packet one-way delay: 64.801 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 40.79 Mbit/s
95th percentile per-packet one-way delay: 64.942 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 31.40 Mbit/s
95th percentile per-packet one-way delay: 65.044 ms
Loss rate: 0.62%

Run 8: Report of QUIC Cubic — Data Link

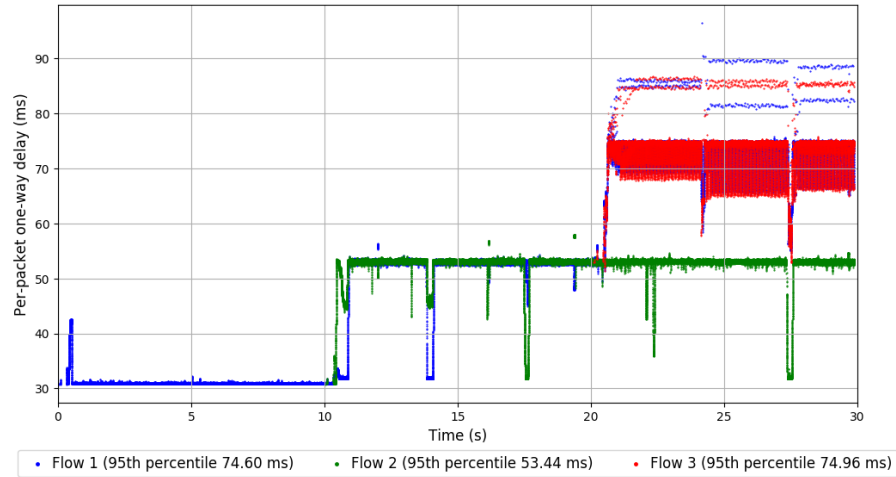
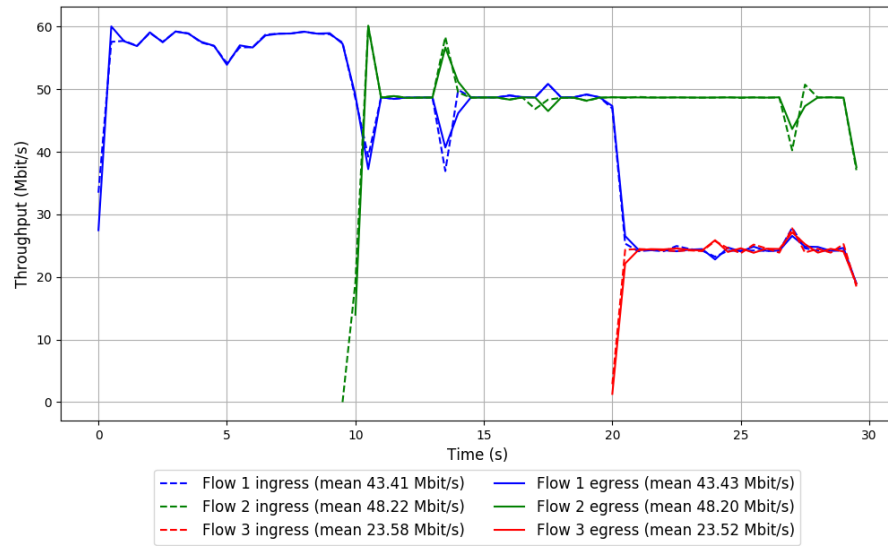


Run 9: Statistics of QUIC Cubic

Start at: 2018-01-10 01:59:33
End at: 2018-01-10 02:00:03
Local clock offset: -0.039 ms
Remote clock offset: -15.455 ms

Below is generated by plot.py at 2018-01-10 05:54:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.20 Mbit/s
95th percentile per-packet one-way delay: 74.608 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 43.43 Mbit/s
95th percentile per-packet one-way delay: 74.600 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 48.20 Mbit/s
95th percentile per-packet one-way delay: 53.444 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 23.52 Mbit/s
95th percentile per-packet one-way delay: 74.959 ms
Loss rate: 0.78%

Run 9: Report of QUIC Cubic — Data Link

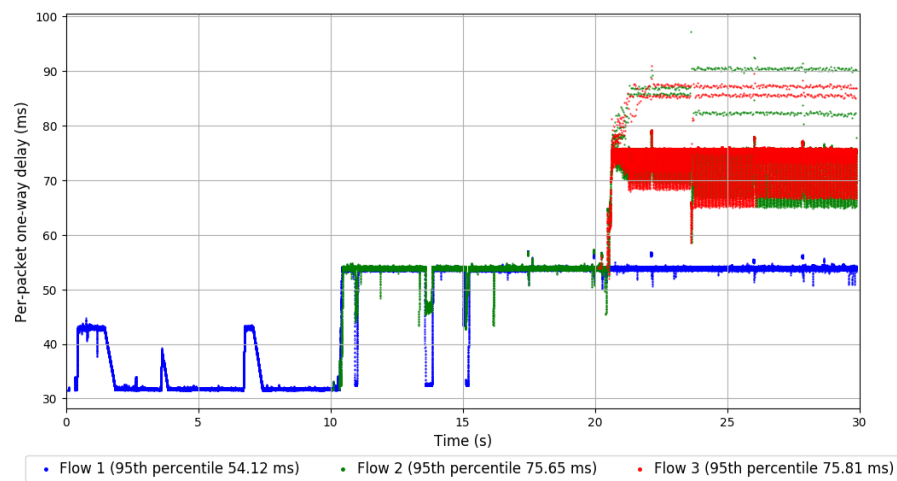
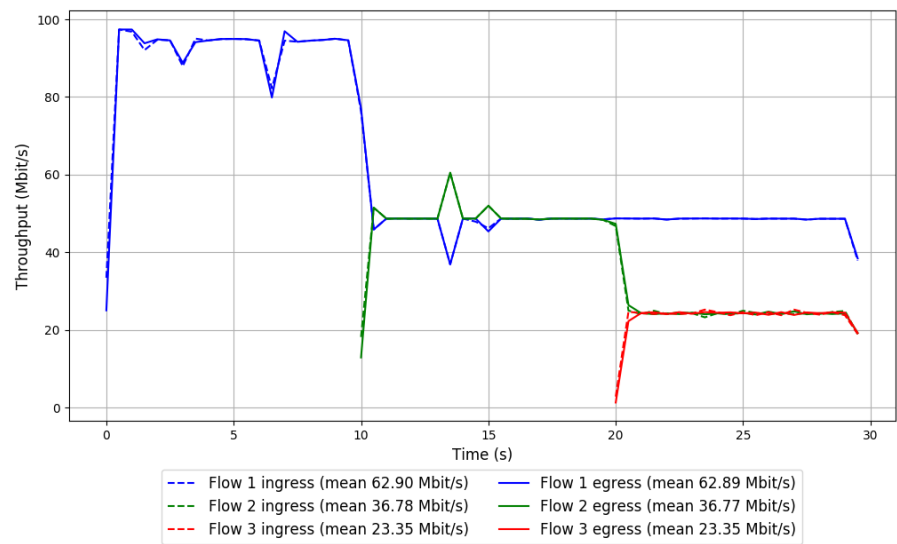


Run 10: Statistics of QUIC Cubic

Start at: 2018-01-10 02:17:25
End at: 2018-01-10 02:17:55
Local clock offset: 0.873 ms
Remote clock offset: -15.76 ms

Below is generated by plot.py at 2018-01-10 05:54:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.00 Mbit/s
95th percentile per-packet one-way delay: 75.474 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 62.89 Mbit/s
95th percentile per-packet one-way delay: 54.124 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 36.77 Mbit/s
95th percentile per-packet one-way delay: 75.653 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 23.35 Mbit/s
95th percentile per-packet one-way delay: 75.813 ms
Loss rate: 0.61%

Run 10: Report of QUIC Cubic — Data Link

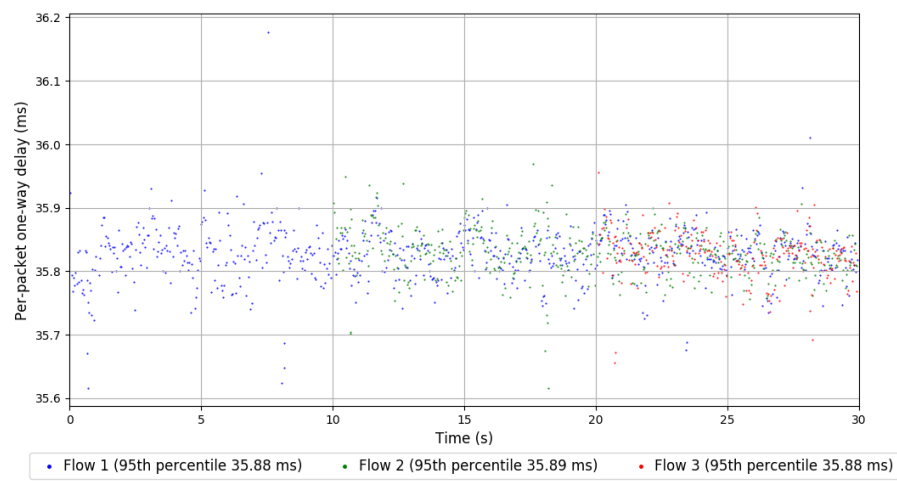
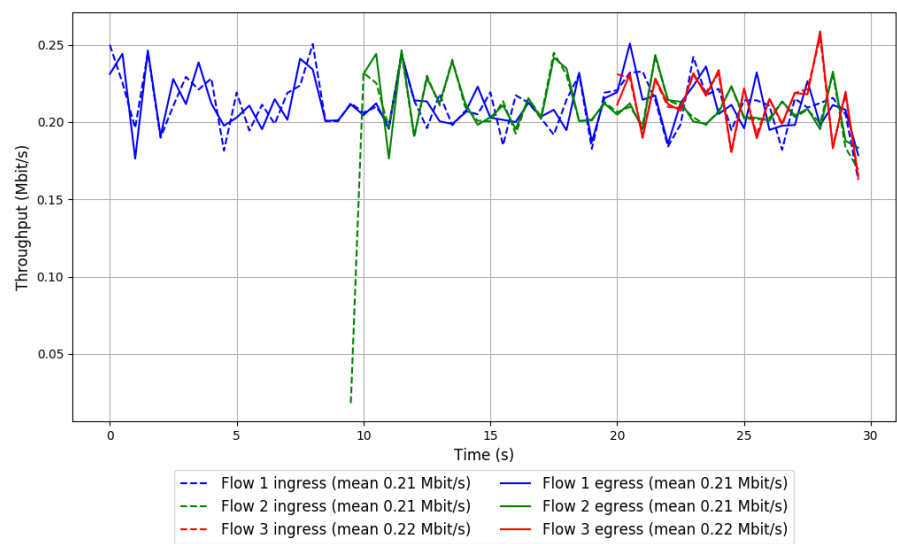


```
Run 1: Statistics of SReAM

Start at: 2018-01-09 23:44:27
End at: 2018-01-09 23:44:57
Local clock offset: 3.484 ms
Remote clock offset: -18.229 ms

# Below is generated by plot.py at 2018-01-10 05:54:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 35.885 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 35.883 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 35.887 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 35.882 ms
Loss rate: 0.39%
```

Run 1: Report of SCRaM — Data Link

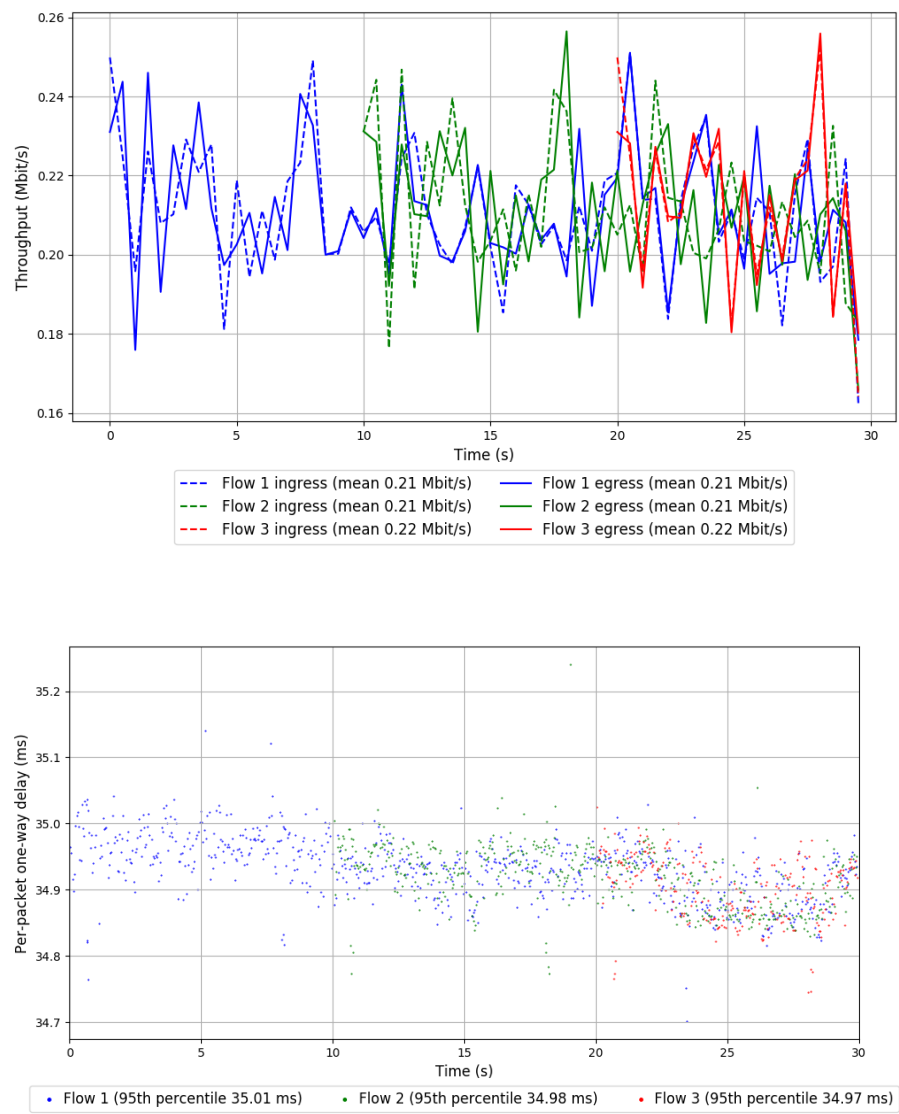


Run 2: Statistics of SReAM

Start at: 2018-01-10 00:02:10
End at: 2018-01-10 00:02:40
Local clock offset: 2.255 ms
Remote clock offset: -18.47 ms

Below is generated by plot.py at 2018-01-10 05:54:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 34.993 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 35.008 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 34.978 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 34.970 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

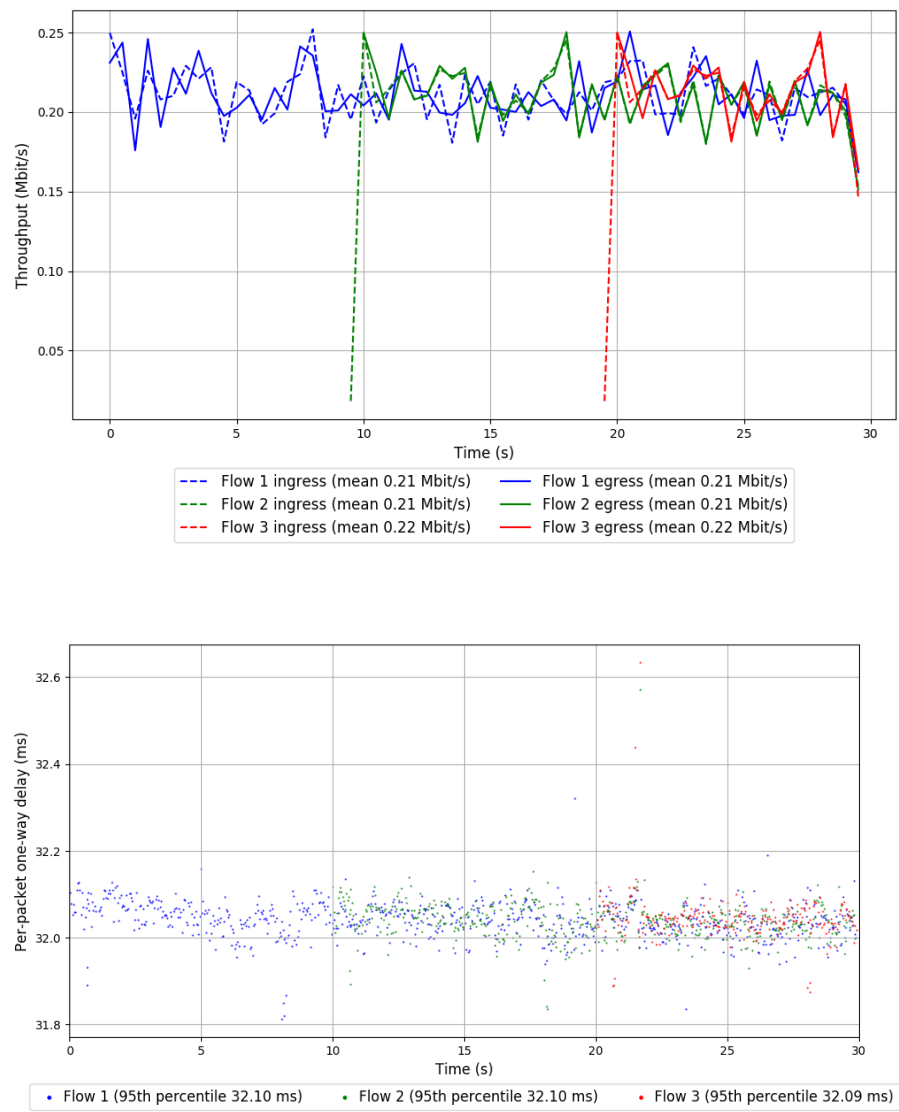


Run 3: Statistics of SReAM

Start at: 2018-01-10 00:19:53
End at: 2018-01-10 00:20:23
Local clock offset: 0.146 ms
Remote clock offset: -17.789 ms

Below is generated by plot.py at 2018-01-10 05:54:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 32.101 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 32.102 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 32.098 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 32.095 ms
Loss rate: 0.00%

Run 3: Report of SCRaM — Data Link

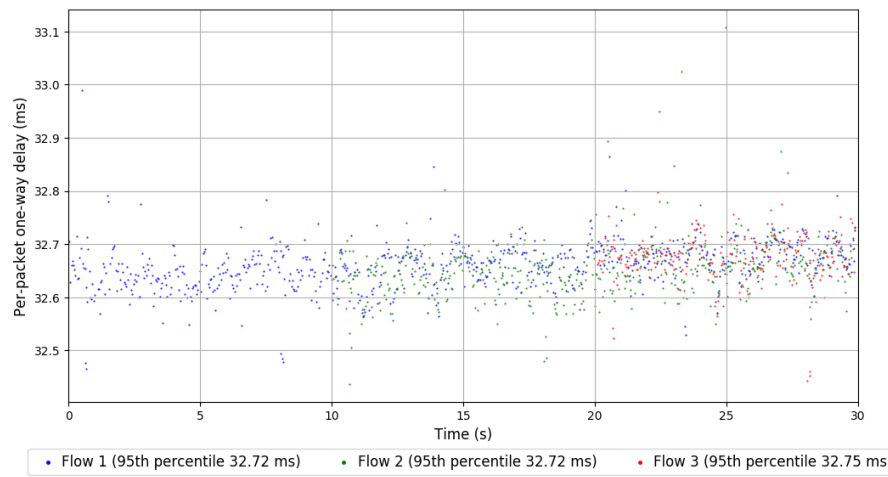
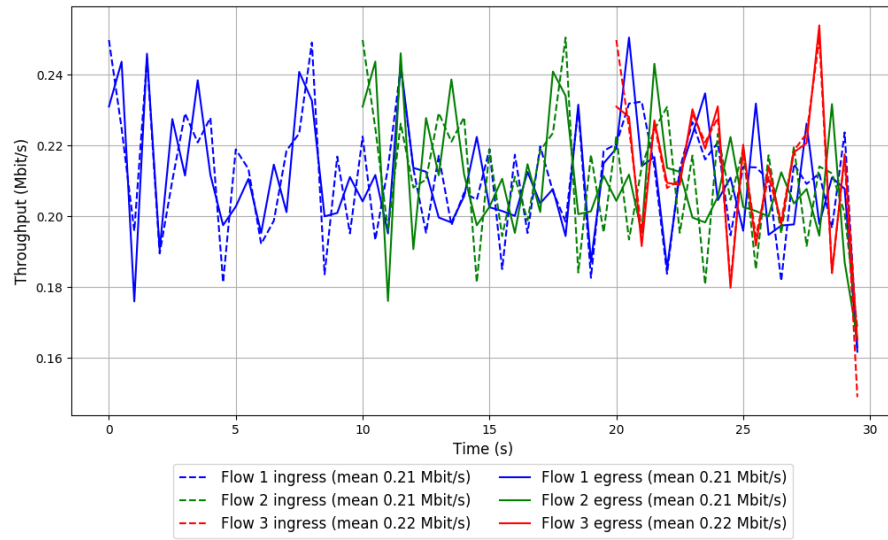


Run 4: Statistics of SReAM

Start at: 2018-01-10 00:37:35
End at: 2018-01-10 00:38:05
Local clock offset: 2.655 ms
Remote clock offset: -15.138 ms

Below is generated by plot.py at 2018-01-10 05:54:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 32.723 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 32.716 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 32.716 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 32.749 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

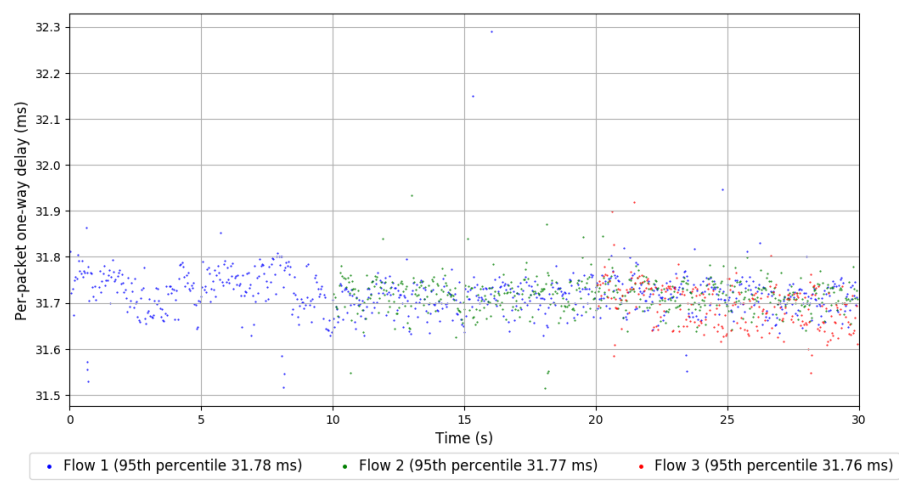
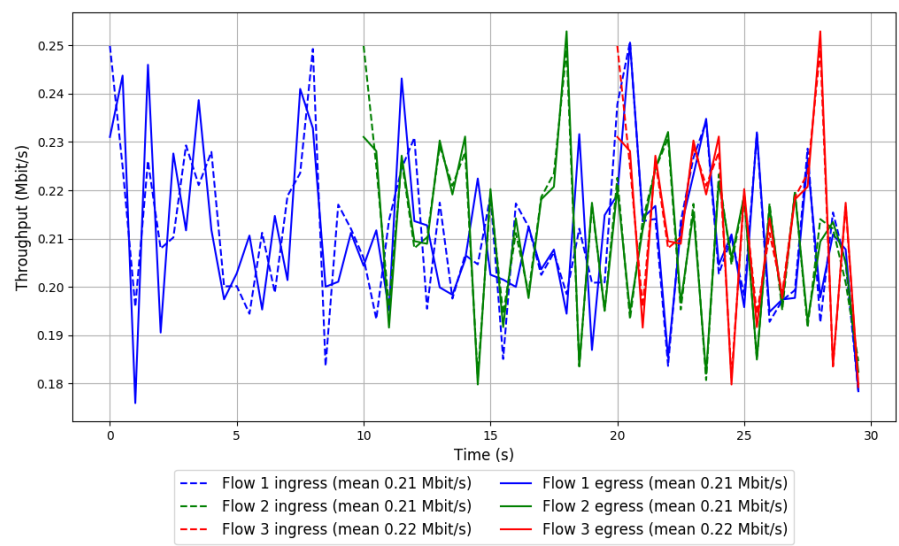


Run 5: Statistics of SReAM

Start at: 2018-01-10 00:55:25
End at: 2018-01-10 00:55:55
Local clock offset: 2.623 ms
Remote clock offset: -13.026 ms

Below is generated by plot.py at 2018-01-10 05:54:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 31.778 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.784 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.766 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 31.759 ms
Loss rate: 0.36%

Run 5: Report of SReAM — Data Link

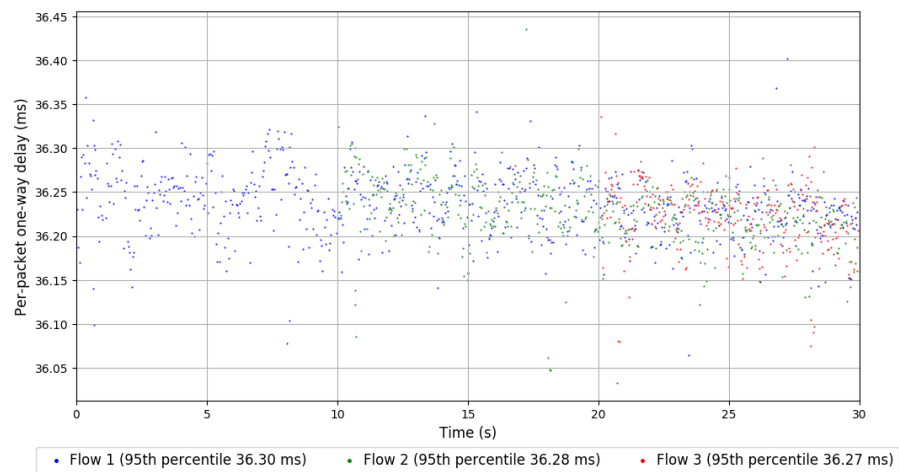
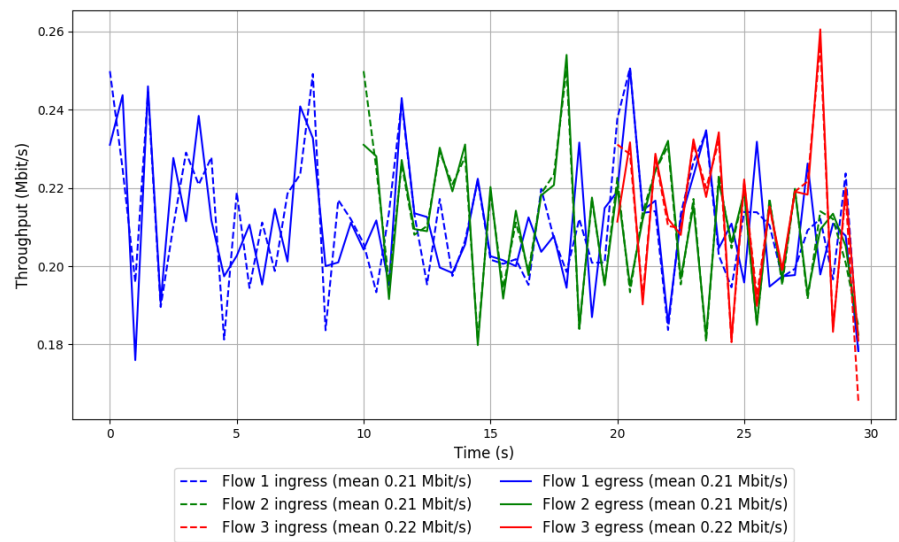


Run 6: Statistics of SReAM

Start at: 2018-01-10 01:13:00
End at: 2018-01-10 01:13:30
Local clock offset: 3.555 ms
Remote clock offset: -16.51 ms

Below is generated by plot.py at 2018-01-10 05:54:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 36.289 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 36.297 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 36.281 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 36.269 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

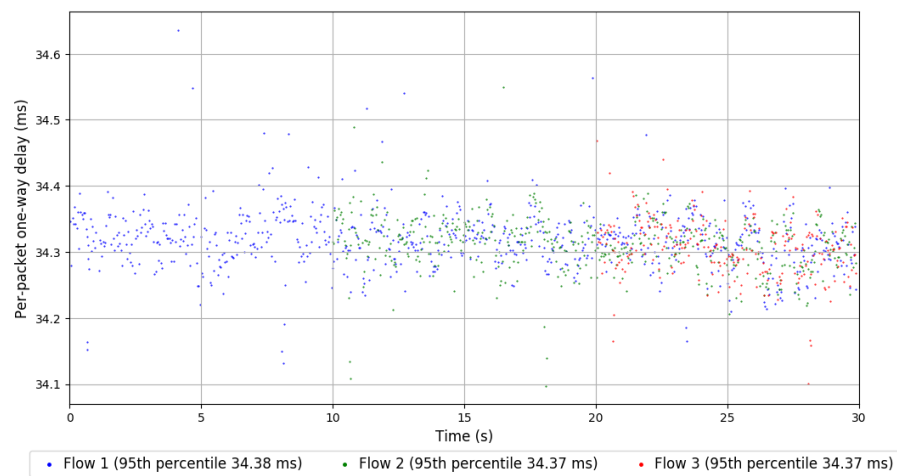
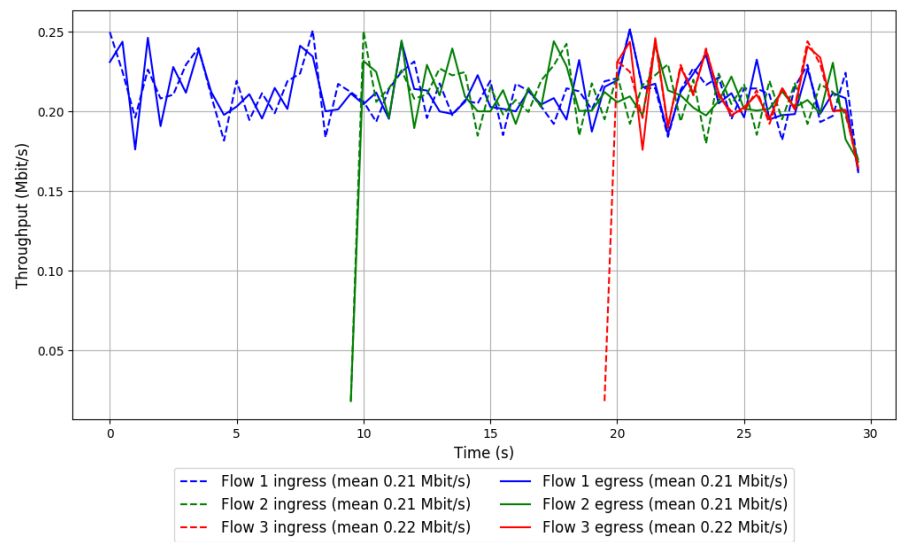


Run 7: Statistics of SReAM

Start at: 2018-01-10 01:30:34
End at: 2018-01-10 01:31:05
Local clock offset: 3.413 ms
Remote clock offset: -14.921 ms

Below is generated by plot.py at 2018-01-10 05:54:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 34.374 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 34.377 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 34.368 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 34.371 ms
Loss rate: 0.35%

Run 7: Report of SReAM — Data Link

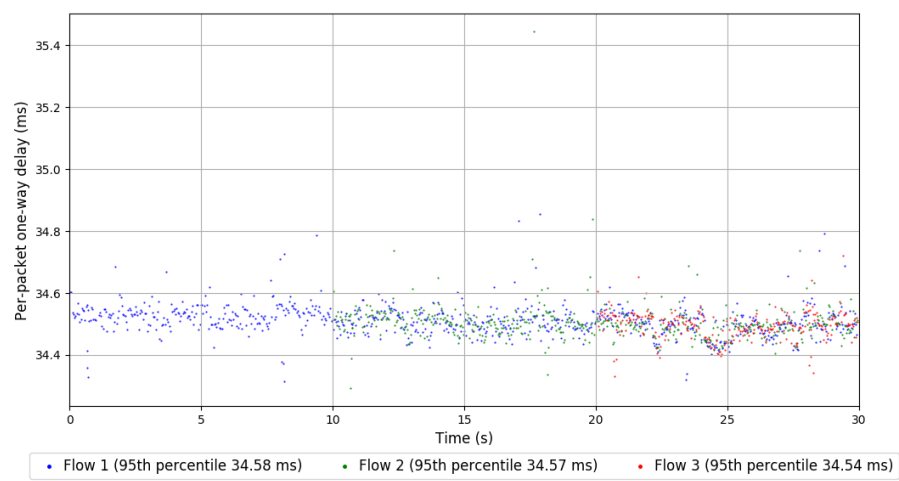
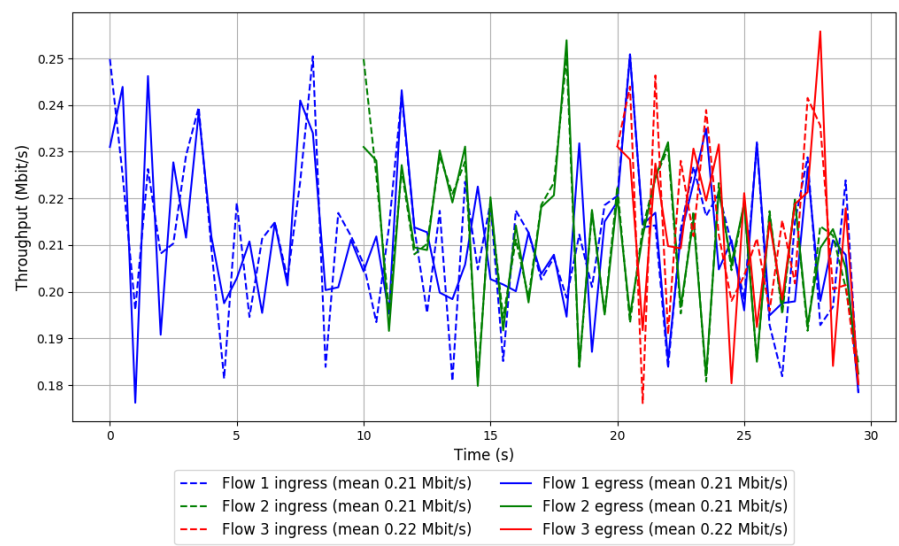


Run 8: Statistics of SCReAM

Start at: 2018-01-10 01:48:37
End at: 2018-01-10 01:49:07
Local clock offset: 2.95 ms
Remote clock offset: -15.821 ms

Below is generated by plot.py at 2018-01-10 05:54:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 34.572 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 34.577 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 34.566 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 34.544 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

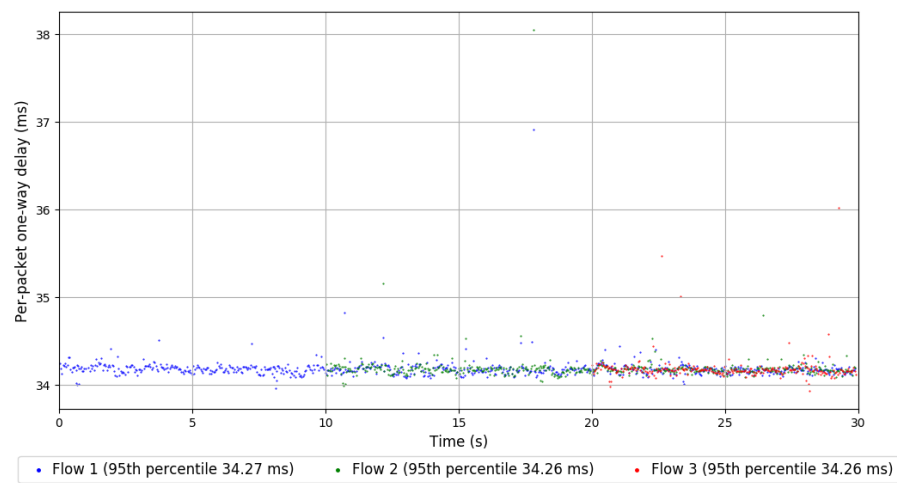
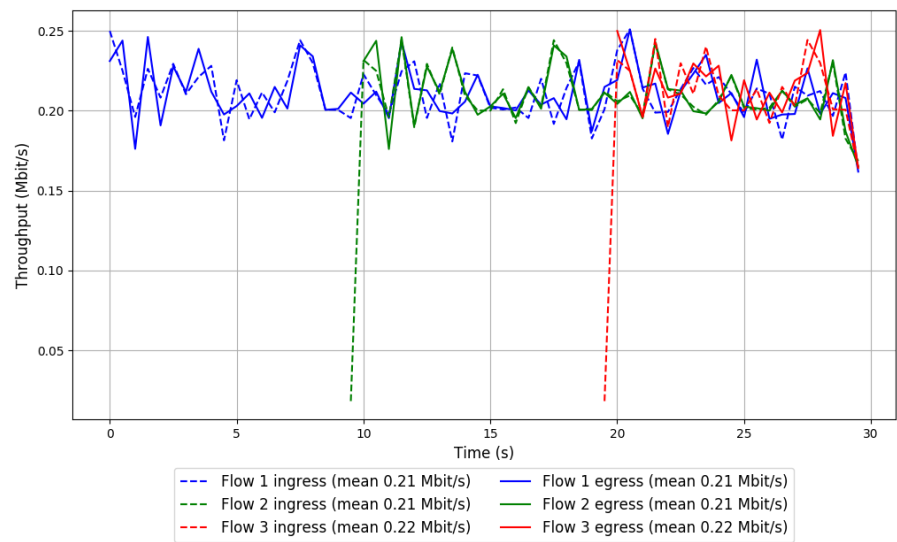


Run 9: Statistics of SReAM

Start at: 2018-01-10 02:06:52
End at: 2018-01-10 02:07:22
Local clock offset: 3.786 ms
Remote clock offset: -15.098 ms

Below is generated by plot.py at 2018-01-10 05:54:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 34.268 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 34.266 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 34.261 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 34.260 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

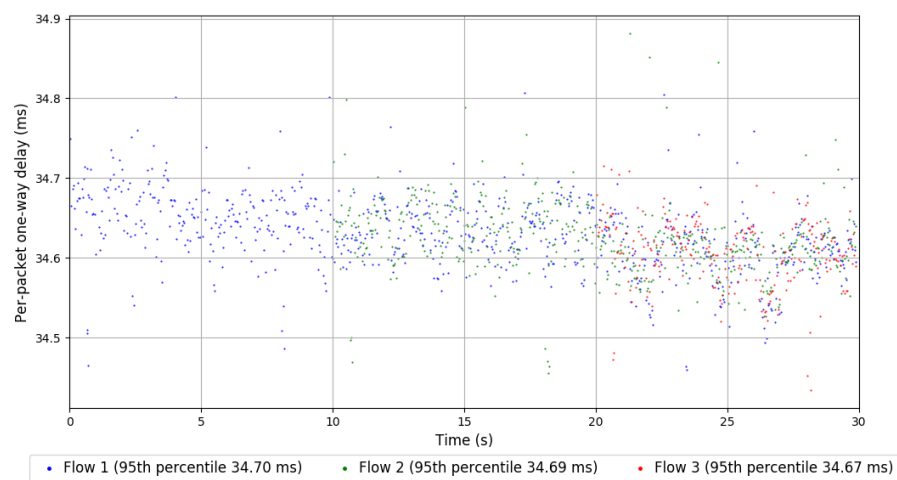
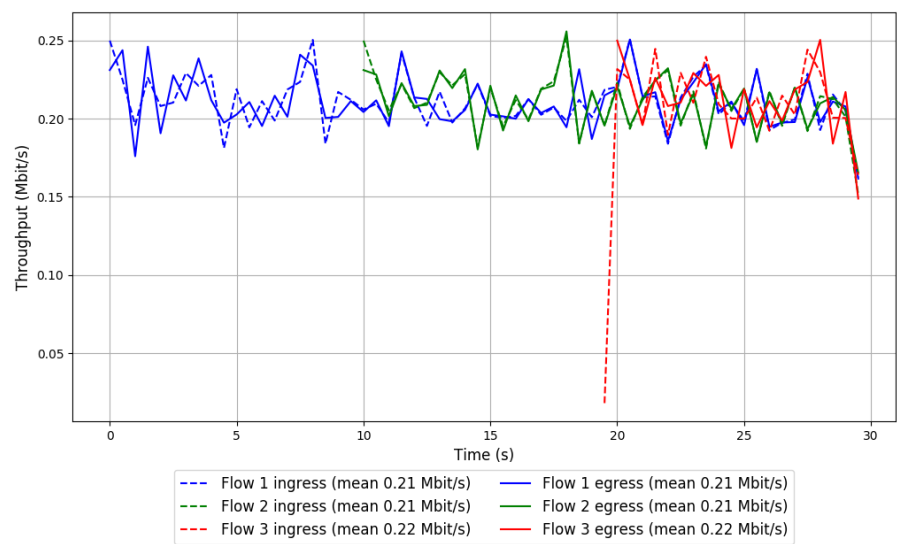


Run 10: Statistics of SReAM

Start at: 2018-01-10 02:24:35
End at: 2018-01-10 02:25:05
Local clock offset: 3.116 ms
Remote clock offset: -16.871 ms

Below is generated by plot.py at 2018-01-10 05:54:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 34.693 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 34.697 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 34.688 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 34.667 ms
Loss rate: 0.35%

Run 10: Report of SCReAM — Data Link

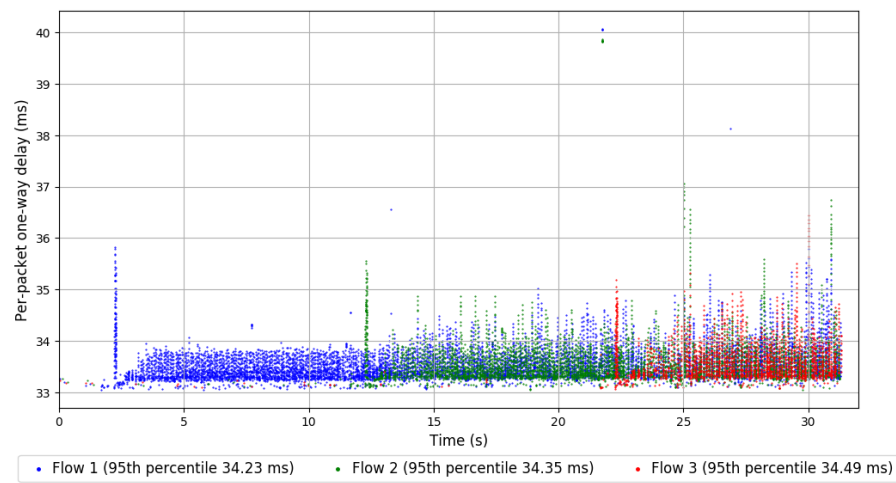
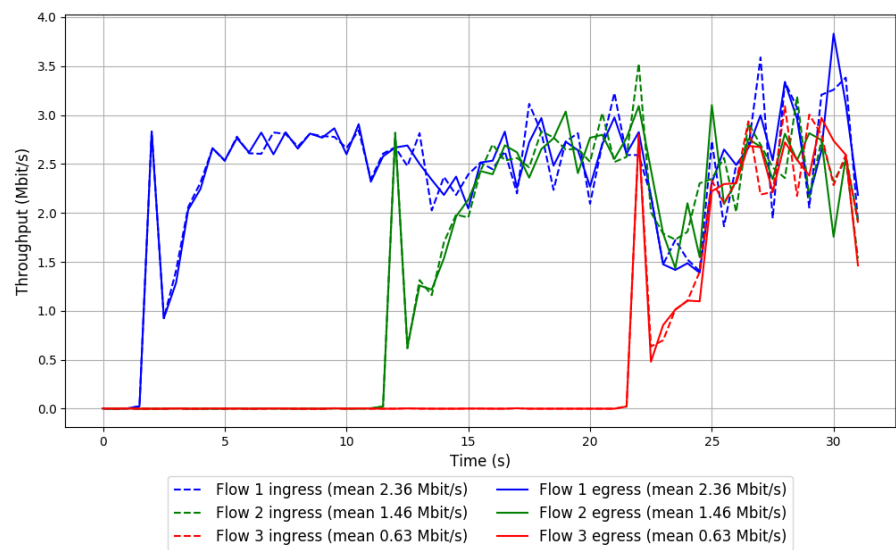


Run 1: Statistics of WebRTC media

Start at: 2018-01-09 23:47:55
End at: 2018-01-09 23:48:25
Local clock offset: 1.829 ms
Remote clock offset: -17.333 ms

Below is generated by plot.py at 2018-01-10 05:54:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.43 Mbit/s
95th percentile per-packet one-way delay: 34.318 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 34.235 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.46 Mbit/s
95th percentile per-packet one-way delay: 34.351 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 0.63 Mbit/s
95th percentile per-packet one-way delay: 34.492 ms
Loss rate: 1.10%

Run 1: Report of WebRTC media — Data Link

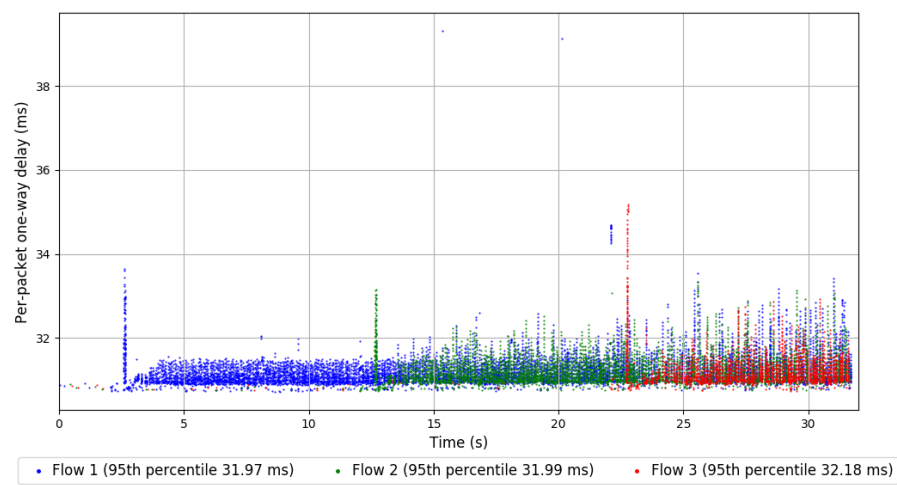
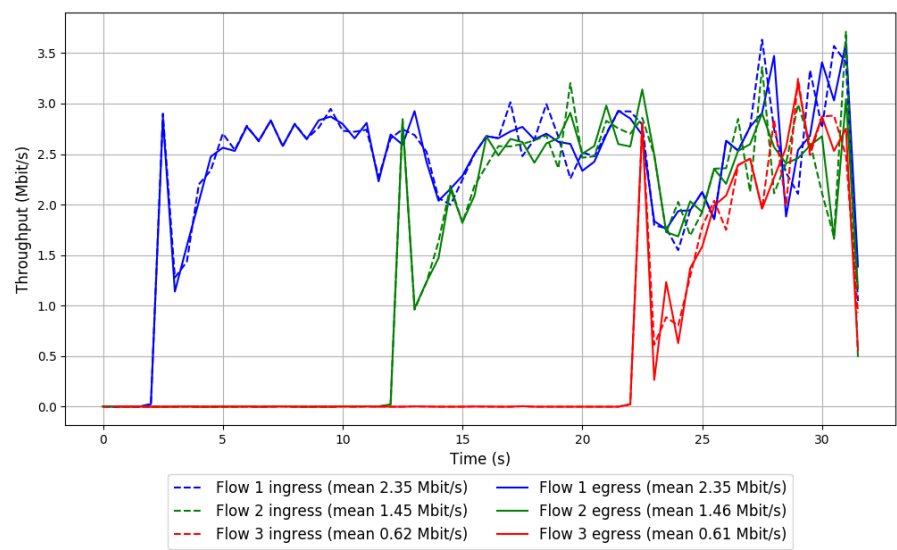


Run 2: Statistics of WebRTC media

Start at: 2018-01-10 00:05:41
End at: 2018-01-10 00:06:11
Local clock offset: -0.502 ms
Remote clock offset: -17.307 ms

Below is generated by plot.py at 2018-01-10 05:54:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.39 Mbit/s
95th percentile per-packet one-way delay: 32.000 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 31.966 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.46 Mbit/s
95th percentile per-packet one-way delay: 31.993 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.61 Mbit/s
95th percentile per-packet one-way delay: 32.181 ms
Loss rate: 1.16%

Run 2: Report of WebRTC media — Data Link

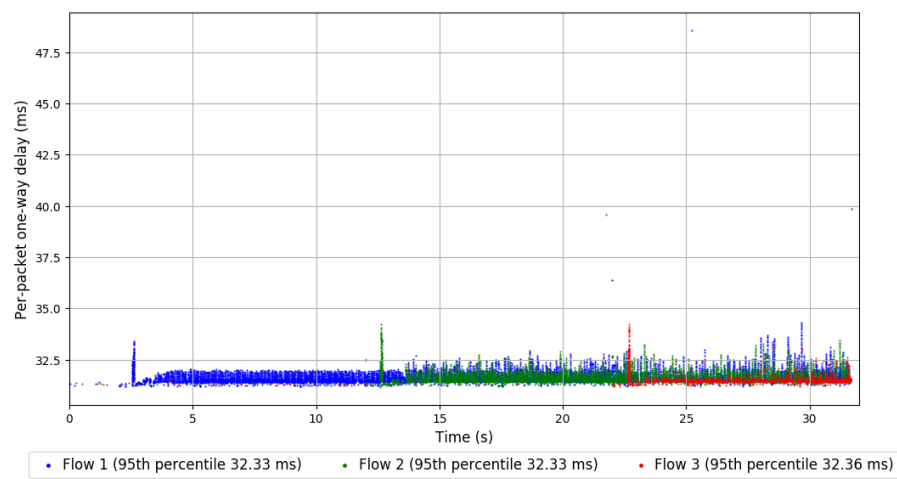
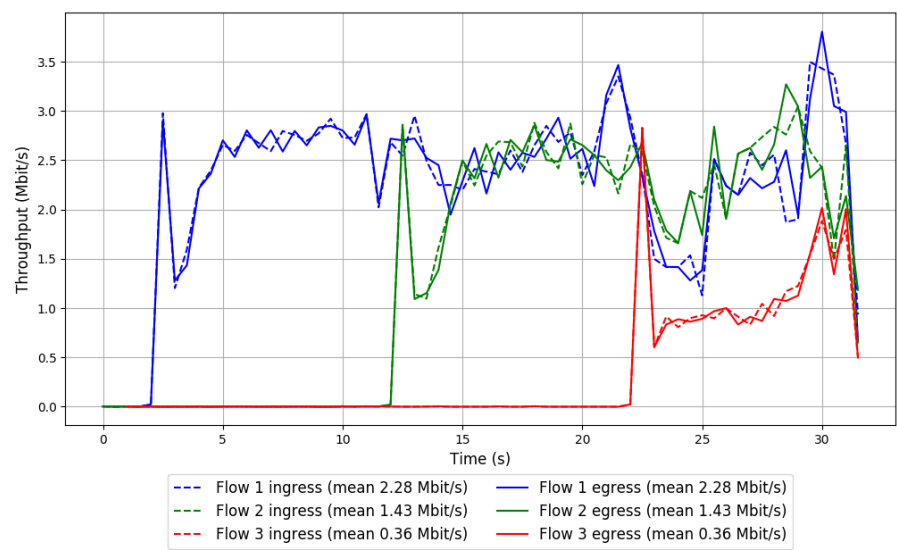


Run 3: Statistics of WebRTC media

Start at: 2018-01-10 00:23:20
End at: 2018-01-10 00:23:50
Local clock offset: 0.478 ms
Remote clock offset: -16.868 ms

Below is generated by plot.py at 2018-01-10 05:54:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.05 Mbit/s
95th percentile per-packet one-way delay: 32.330 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 32.326 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 1.43 Mbit/s
95th percentile per-packet one-way delay: 32.330 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 32.363 ms
Loss rate: 0.01%

Run 3: Report of WebRTC media — Data Link

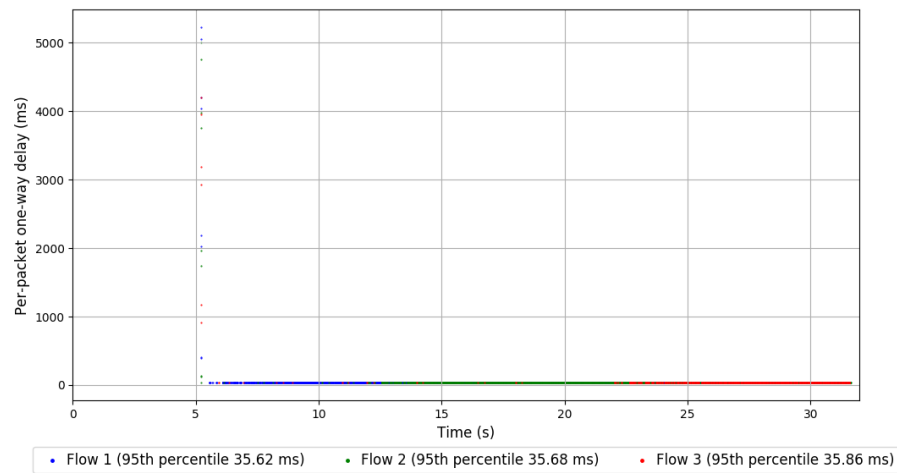
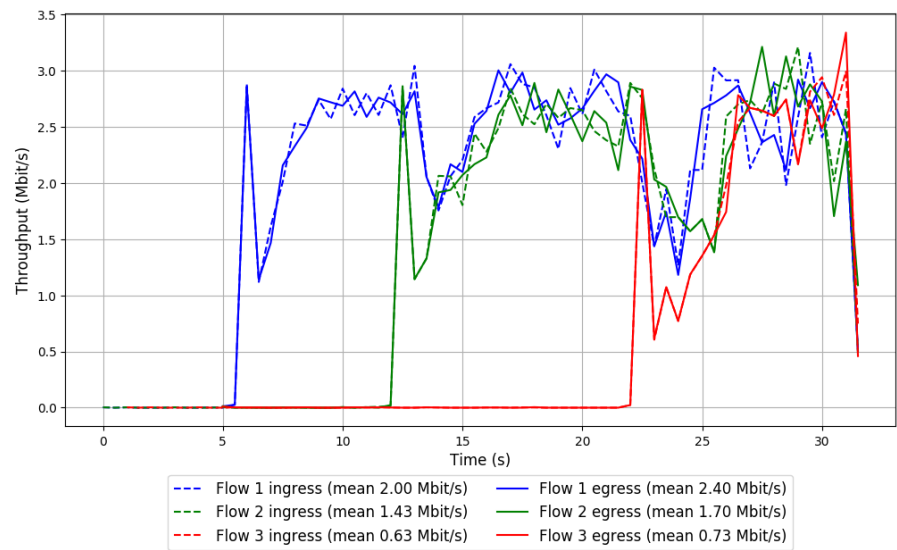


Run 4: Statistics of WebRTC media

Start at: 2018-01-10 00:41:03
End at: 2018-01-10 00:41:33
Local clock offset: 3.282 ms
Remote clock offset: -16.12 ms

Below is generated by plot.py at 2018-01-10 05:54:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.83 Mbit/s
95th percentile per-packet one-way delay: 35.679 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 2.40 Mbit/s
95th percentile per-packet one-way delay: 35.617 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.70 Mbit/s
95th percentile per-packet one-way delay: 35.681 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.73 Mbit/s
95th percentile per-packet one-way delay: 35.863 ms
Loss rate: 0.75%

Run 4: Report of WebRTC media — Data Link

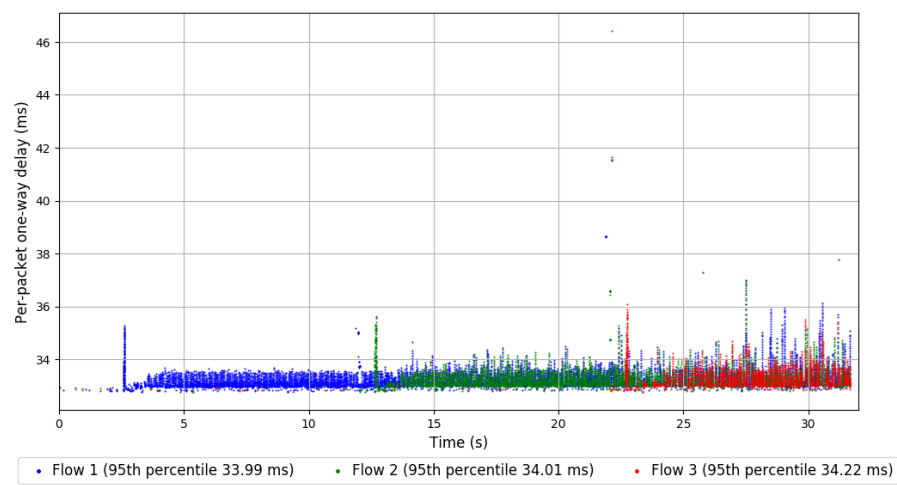
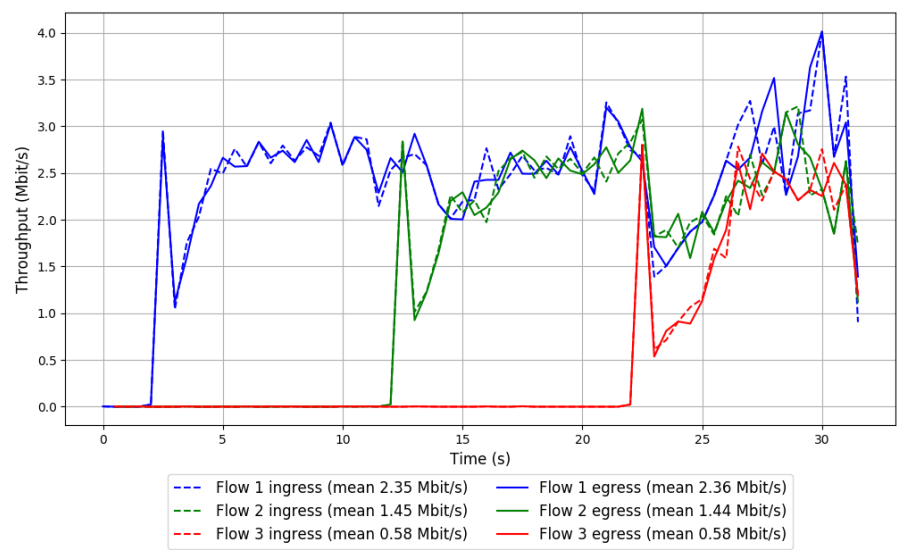


Run 5: Statistics of WebRTC media

Start at: 2018-01-10 00:58:54
End at: 2018-01-10 00:59:24
Local clock offset: 1.422 ms
Remote clock offset: -15.458 ms

Below is generated by plot.py at 2018-01-10 05:54:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.34 Mbit/s
95th percentile per-packet one-way delay: 34.052 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 33.994 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.44 Mbit/s
95th percentile per-packet one-way delay: 34.014 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 34.221 ms
Loss rate: 0.05%

Run 5: Report of WebRTC media — Data Link

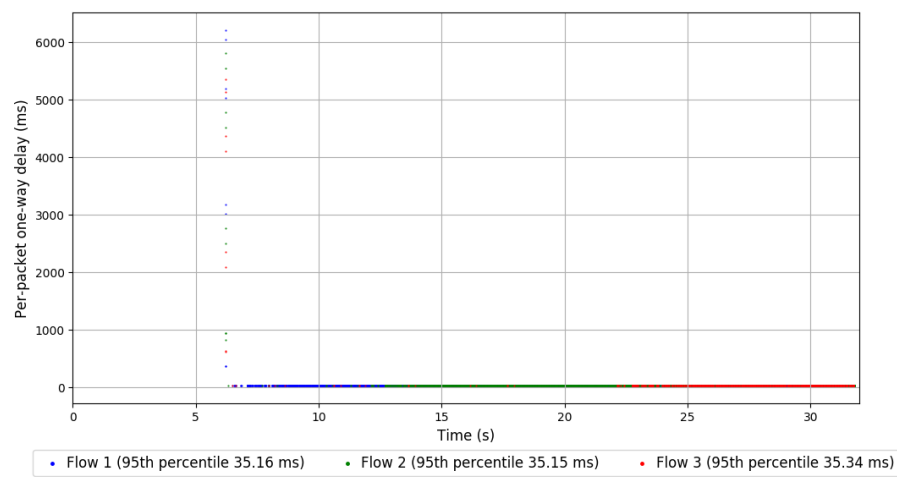
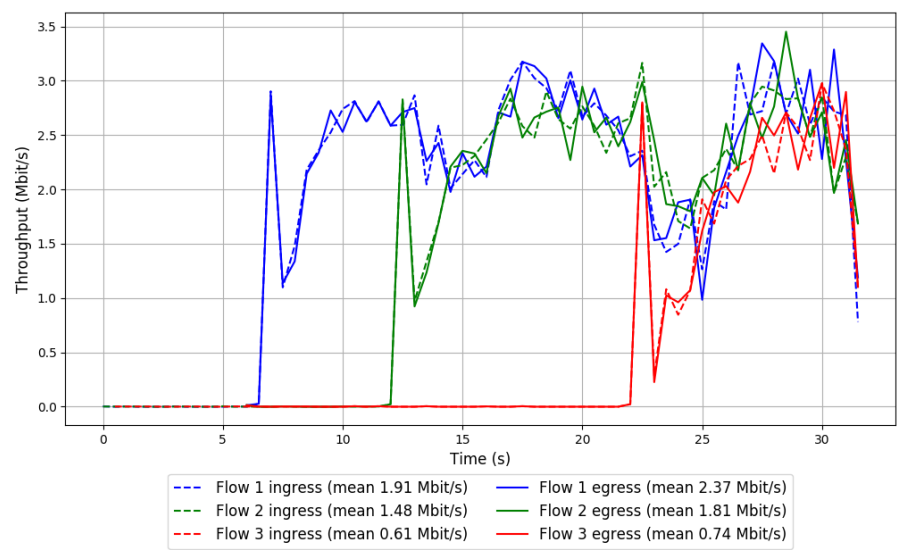


Run 6: Statistics of WebRTC media

Start at: 2018-01-10 01:16:26
End at: 2018-01-10 01:16:56
Local clock offset: 3.633 ms
Remote clock offset: -14.567 ms

Below is generated by plot.py at 2018-01-10 05:54:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.93 Mbit/s
95th percentile per-packet one-way delay: 35.183 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 35.165 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.81 Mbit/s
95th percentile per-packet one-way delay: 35.148 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.74 Mbit/s
95th percentile per-packet one-way delay: 35.340 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

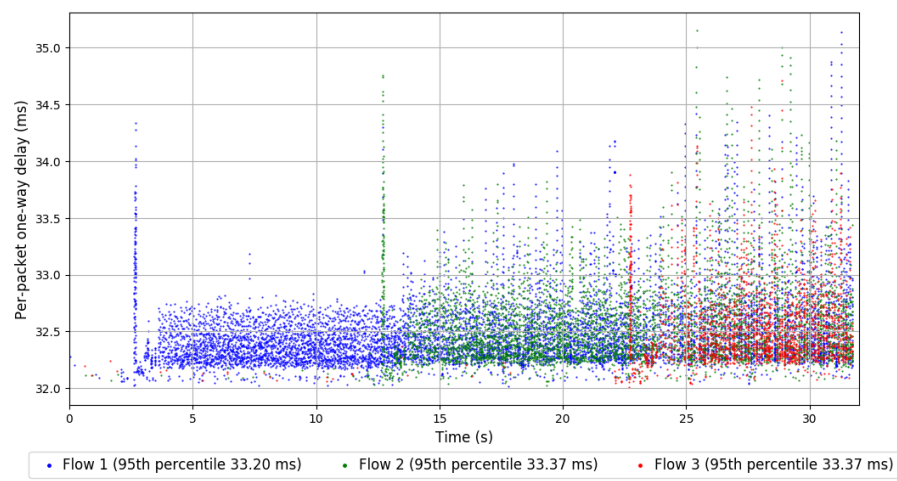
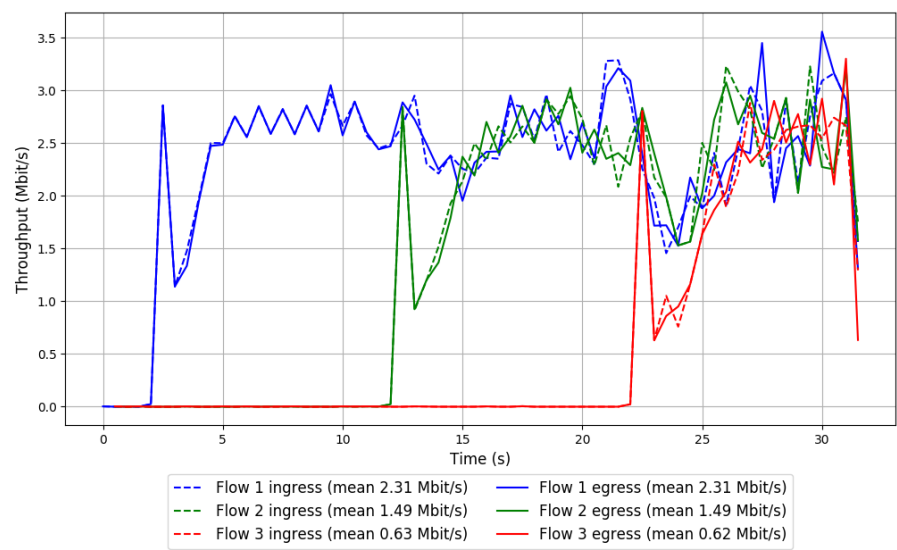


Run 7: Statistics of WebRTC media

Start at: 2018-01-10 01:34:02
End at: 2018-01-10 01:34:32
Local clock offset: 2.422 ms
Remote clock offset: -15.197 ms

Below is generated by plot.py at 2018-01-10 05:54:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.38 Mbit/s
95th percentile per-packet one-way delay: 33.288 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 33.196 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 1.49 Mbit/s
95th percentile per-packet one-way delay: 33.371 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: 33.366 ms
Loss rate: 1.68%

Run 7: Report of WebRTC media — Data Link

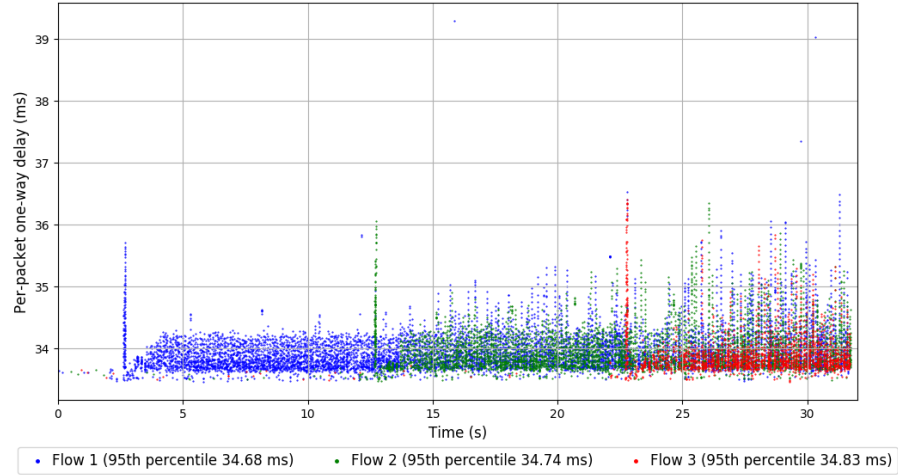
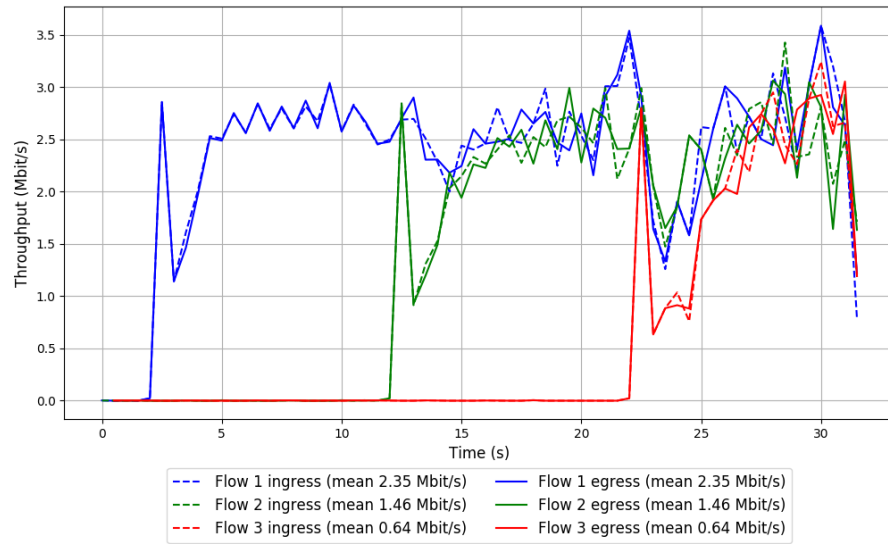


Run 8: Statistics of WebRTC media

Start at: 2018-01-10 01:52:13
End at: 2018-01-10 01:52:43
Local clock offset: 1.652 ms
Remote clock offset: -16.375 ms

Below is generated by plot.py at 2018-01-10 05:54:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.41 Mbit/s
95th percentile per-packet one-way delay: 34.718 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 34.681 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.46 Mbit/s
95th percentile per-packet one-way delay: 34.739 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 34.830 ms
Loss rate: 0.01%

Run 8: Report of WebRTC media — Data Link

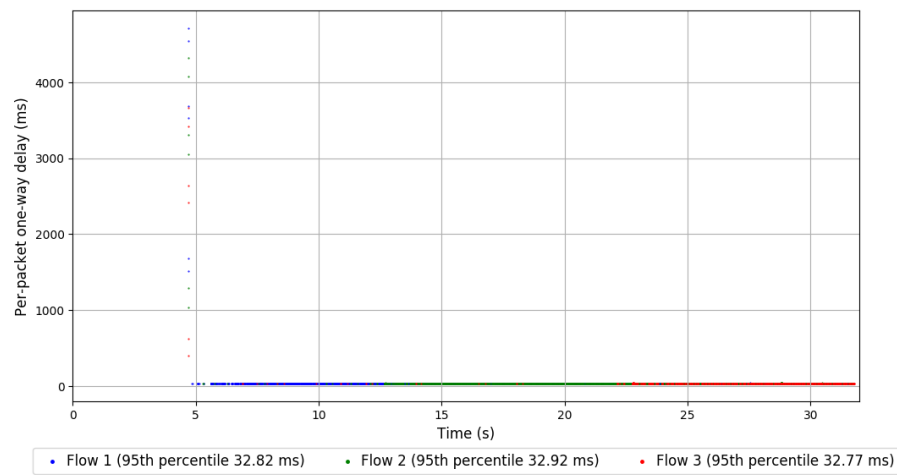
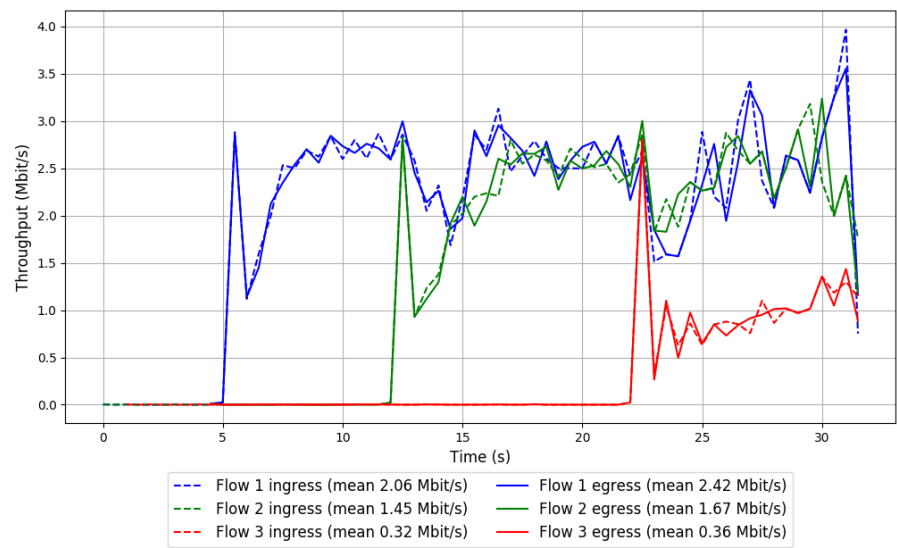


Run 9: Statistics of WebRTC media

Start at: 2018-01-10 02:10:21
End at: 2018-01-10 02:10:51
Local clock offset: 1.157 ms
Remote clock offset: -15.519 ms

Below is generated by plot.py at 2018-01-10 05:54:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.45 Mbit/s
95th percentile per-packet one-way delay: 32.846 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 32.822 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.67 Mbit/s
95th percentile per-packet one-way delay: 32.919 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 32.765 ms
Loss rate: 1.30%

Run 9: Report of WebRTC media — Data Link

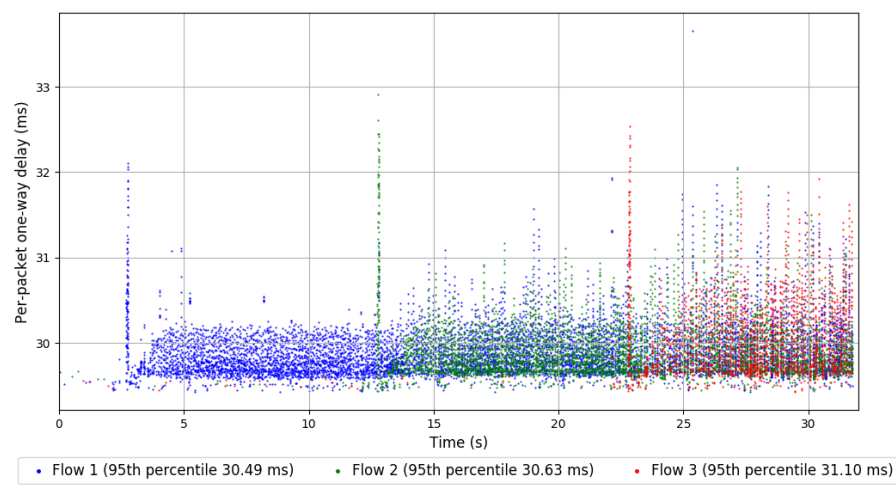
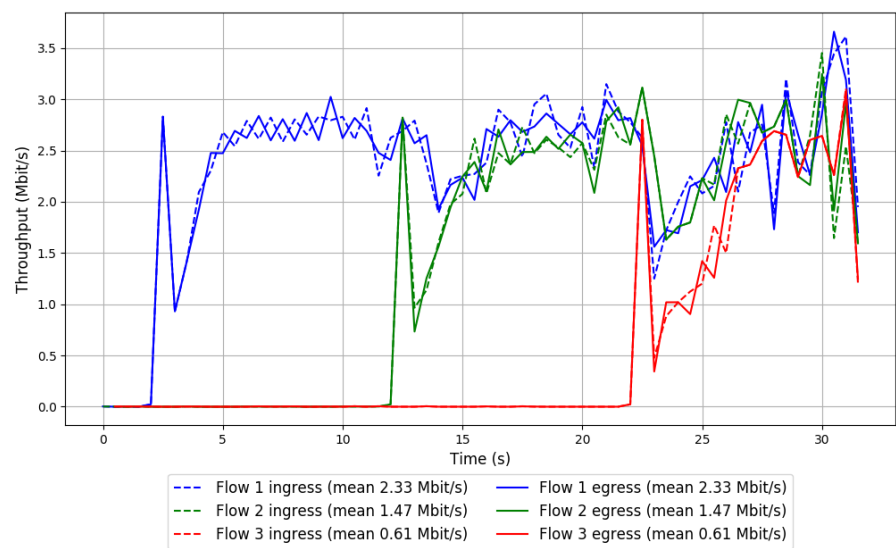


Run 10: Statistics of WebRTC media

Start at: 2018-01-10 02:28:06
End at: 2018-01-10 02:28:36
Local clock offset: 0.876 ms
Remote clock offset: -14.307 ms

Below is generated by plot.py at 2018-01-10 05:54:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.37 Mbit/s
95th percentile per-packet one-way delay: 30.652 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 30.493 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: 30.628 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.61 Mbit/s
95th percentile per-packet one-way delay: 31.104 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

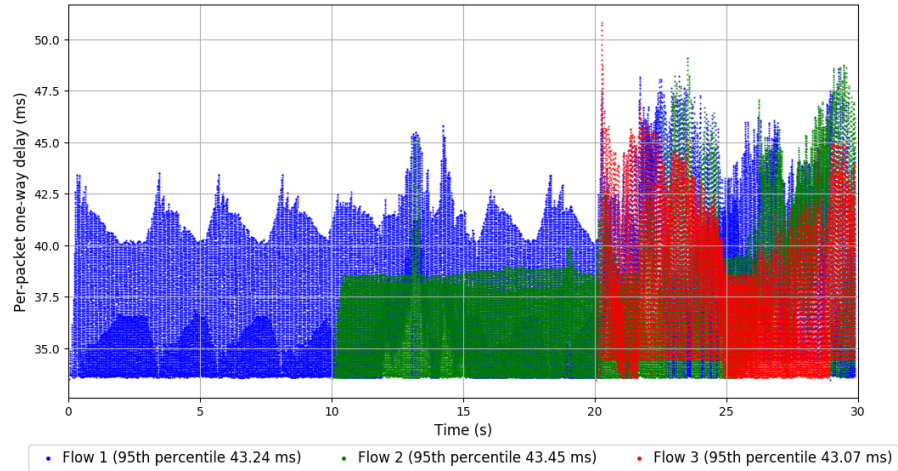
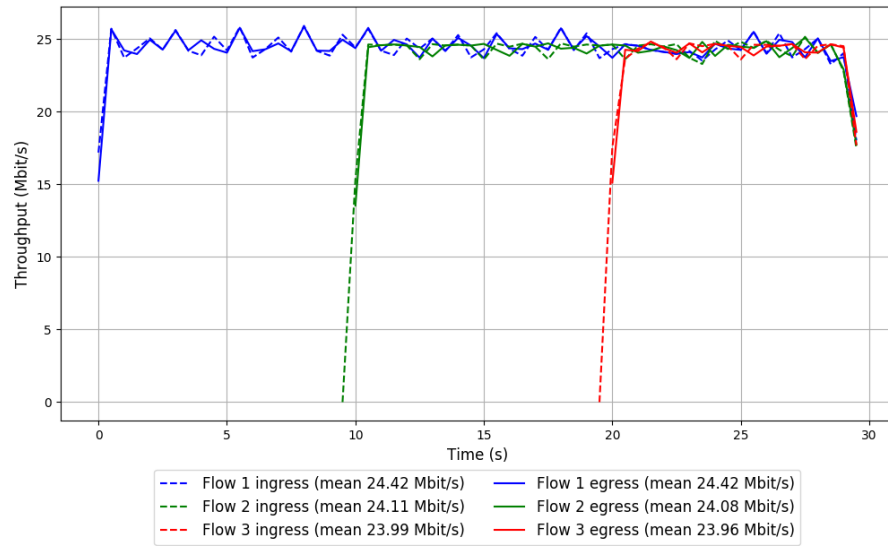


Run 1: Statistics of Sprout

Start at: 2018-01-09 23:38:26
End at: 2018-01-09 23:38:56
Local clock offset: 3.179 ms
Remote clock offset: -16.415 ms

Below is generated by plot.py at 2018-01-10 05:55:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.36 Mbit/s
95th percentile per-packet one-way delay: 43.265 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 24.42 Mbit/s
95th percentile per-packet one-way delay: 43.239 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 24.08 Mbit/s
95th percentile per-packet one-way delay: 43.452 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 23.96 Mbit/s
95th percentile per-packet one-way delay: 43.070 ms
Loss rate: 0.24%

Run 1: Report of Sprout — Data Link

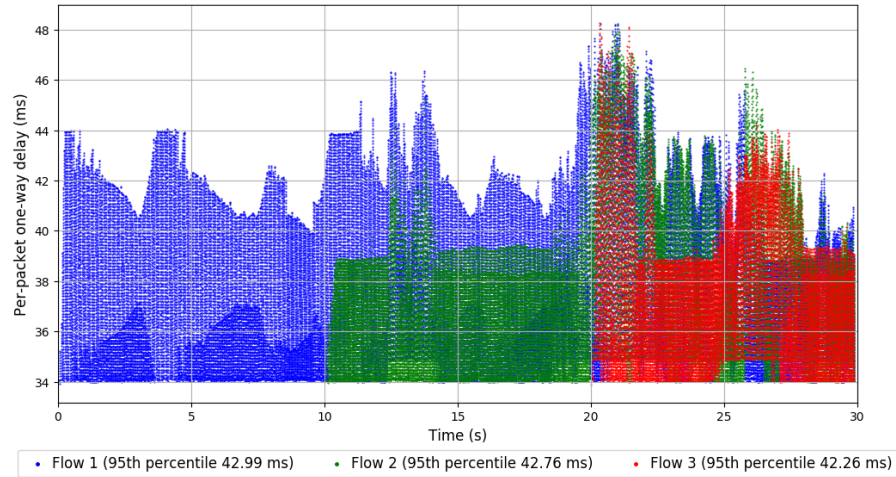
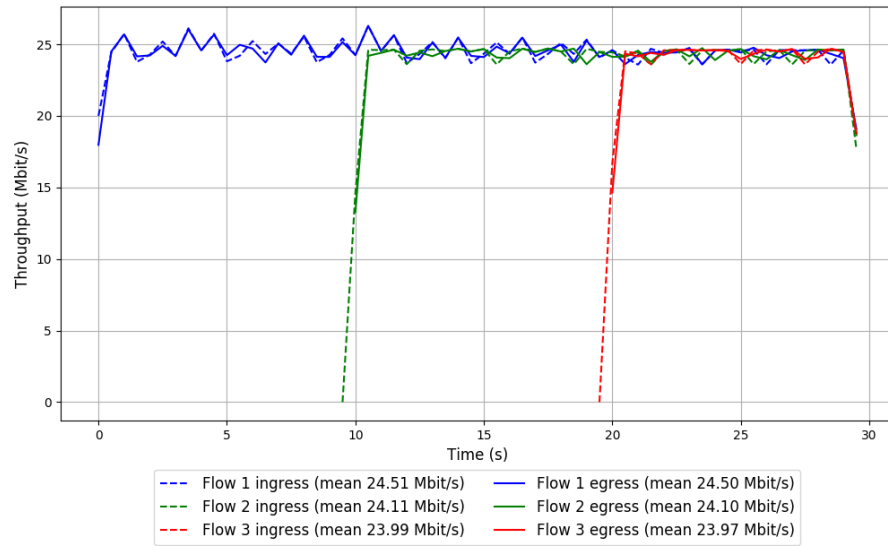


Run 2: Statistics of Sprout

Start at: 2018-01-09 23:56:18
End at: 2018-01-09 23:56:48
Local clock offset: 1.599 ms
Remote clock offset: -18.171 ms

Below is generated by plot.py at 2018-01-10 05:55:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.46 Mbit/s
95th percentile per-packet one-way delay: 42.806 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 24.50 Mbit/s
95th percentile per-packet one-way delay: 42.986 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 24.10 Mbit/s
95th percentile per-packet one-way delay: 42.762 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 23.97 Mbit/s
95th percentile per-packet one-way delay: 42.260 ms
Loss rate: 0.41%

Run 2: Report of Sprout — Data Link

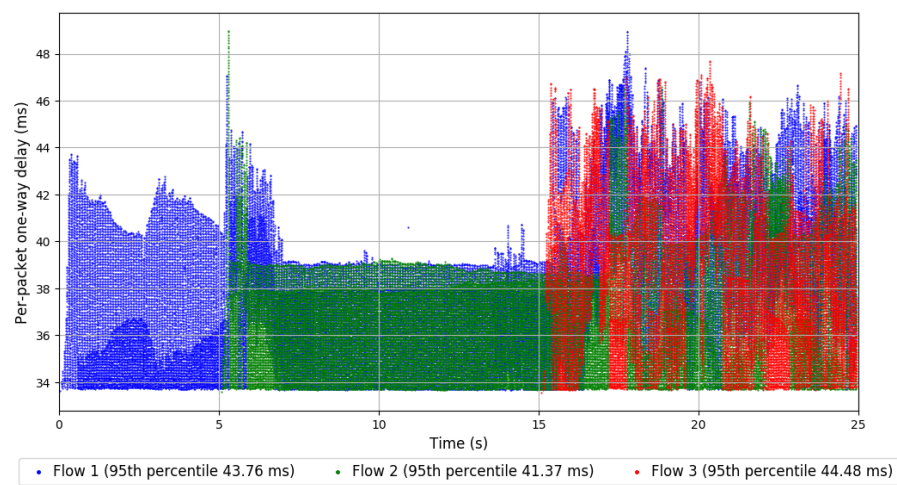
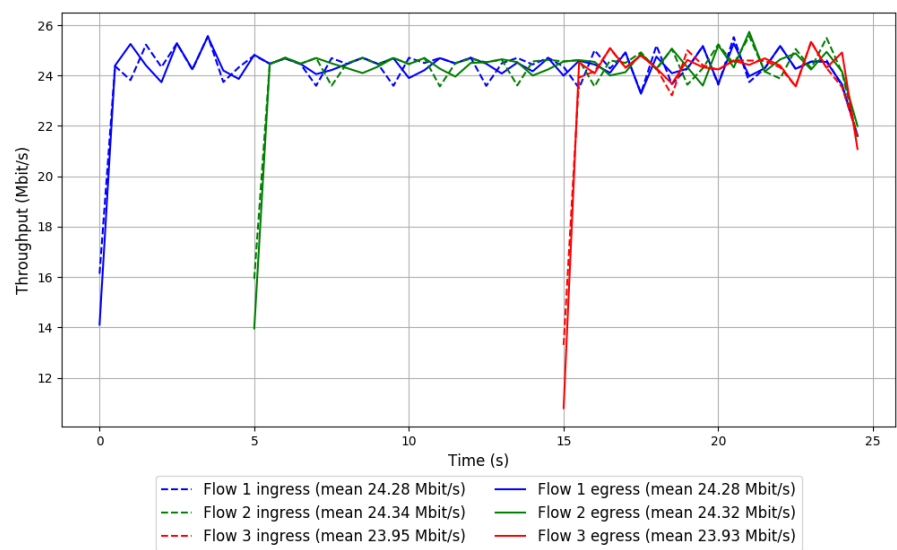


Run 3: Statistics of Sprout

Start at: 2018-01-10 00:14:01
End at: 2018-01-10 00:14:31
Local clock offset: 2.796 ms
Remote clock offset: -16.78 ms

```
# Below is generated by plot.py at 2018-01-10 05:55:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.13 Mbit/s
95th percentile per-packet one-way delay: 43.481 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 24.28 Mbit/s
95th percentile per-packet one-way delay: 43.759 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 24.32 Mbit/s
95th percentile per-packet one-way delay: 41.366 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 23.93 Mbit/s
95th percentile per-packet one-way delay: 44.479 ms
Loss rate: 0.24%
```


Run 3: Report of Sprout — Data Link

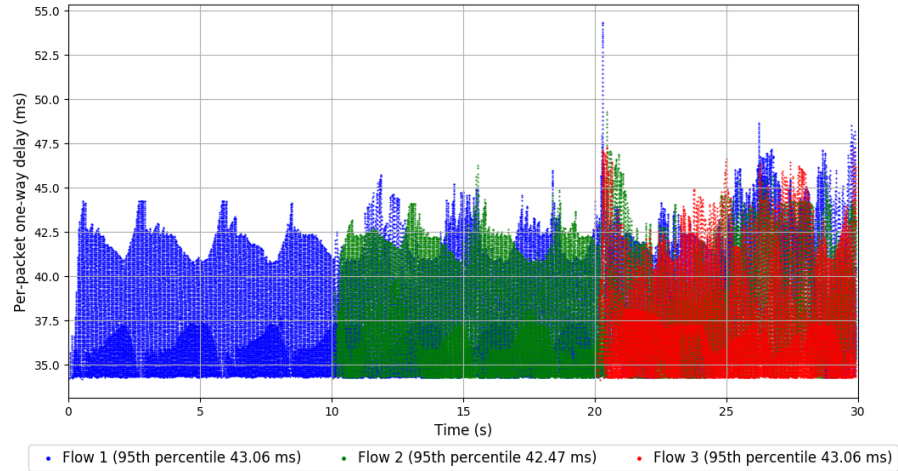
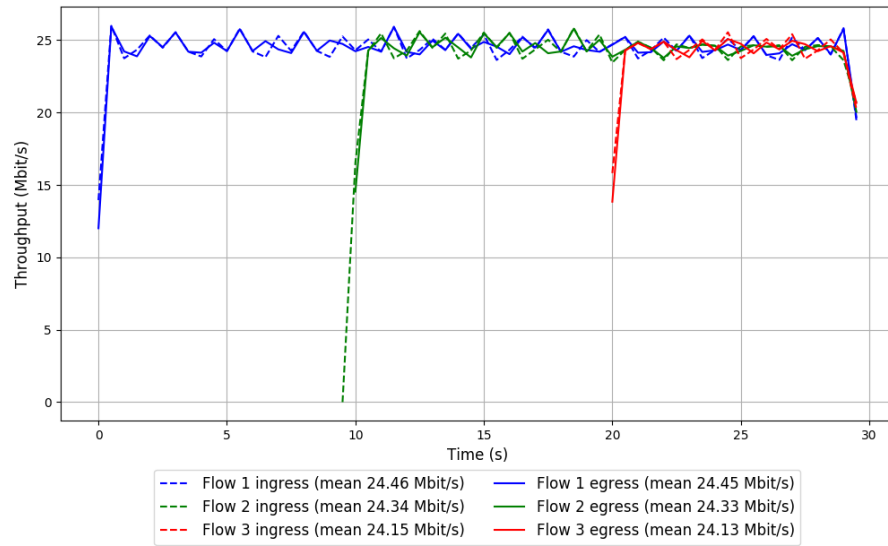


Run 4: Statistics of Sprout

Start at: 2018-01-10 00:31:37
End at: 2018-01-10 00:32:07
Local clock offset: 3.637 ms
Remote clock offset: -16.523 ms

```
# Below is generated by plot.py at 2018-01-10 05:56:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.59 Mbit/s
95th percentile per-packet one-way delay: 42.875 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 24.45 Mbit/s
95th percentile per-packet one-way delay: 43.064 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 24.33 Mbit/s
95th percentile per-packet one-way delay: 42.471 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 24.13 Mbit/s
95th percentile per-packet one-way delay: 43.061 ms
Loss rate: 0.32%
```

Run 4: Report of Sprout — Data Link

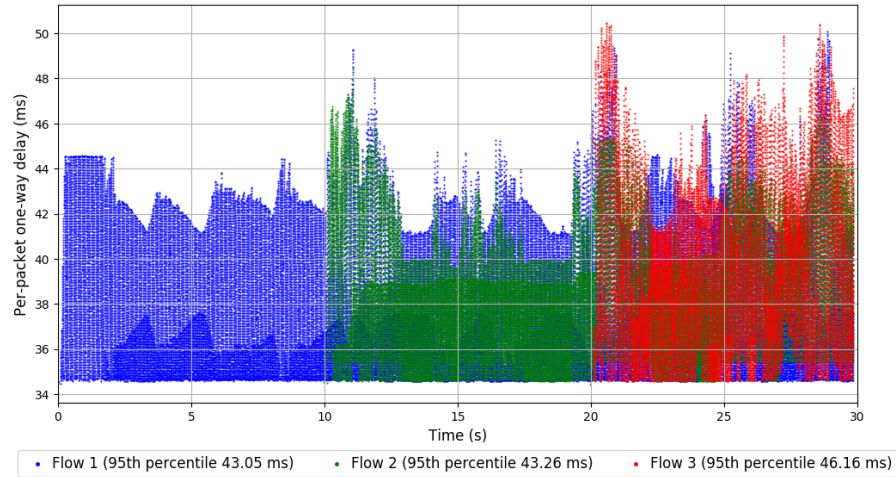
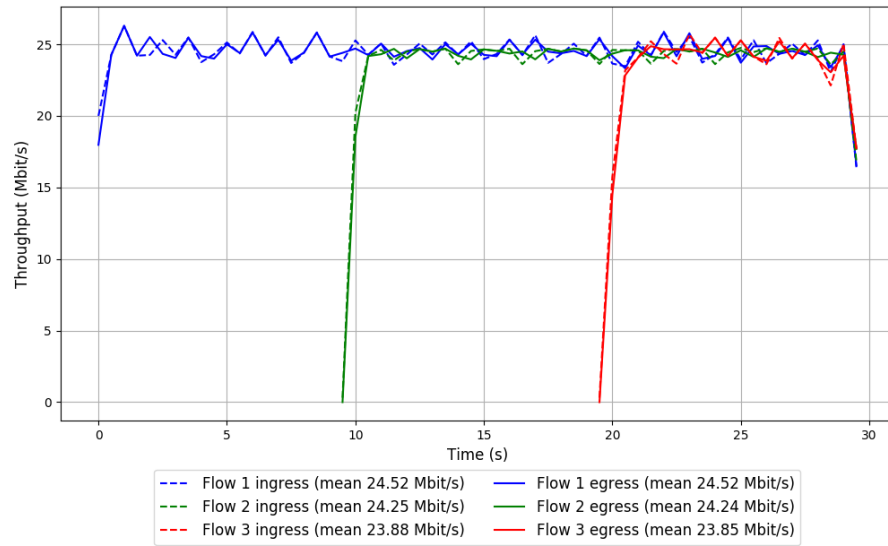


Run 5: Statistics of Sprout

Start at: 2018-01-10 00:49:26
End at: 2018-01-10 00:49:56
Local clock offset: 2.864 ms
Remote clock offset: -15.81 ms

Below is generated by plot.py at 2018-01-10 05:56:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.56 Mbit/s
95th percentile per-packet one-way delay: 43.790 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 24.52 Mbit/s
95th percentile per-packet one-way delay: 43.048 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 24.24 Mbit/s
95th percentile per-packet one-way delay: 43.262 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 23.85 Mbit/s
95th percentile per-packet one-way delay: 46.155 ms
Loss rate: 0.42%

Run 5: Report of Sprout — Data Link

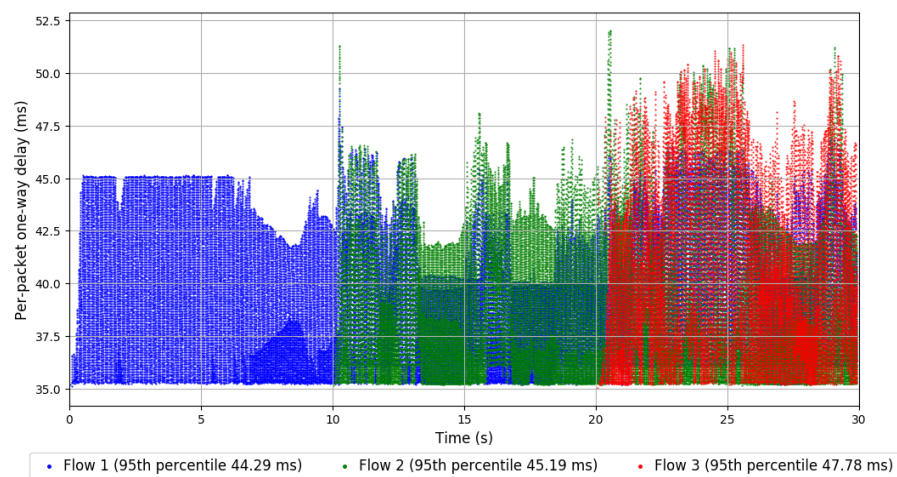
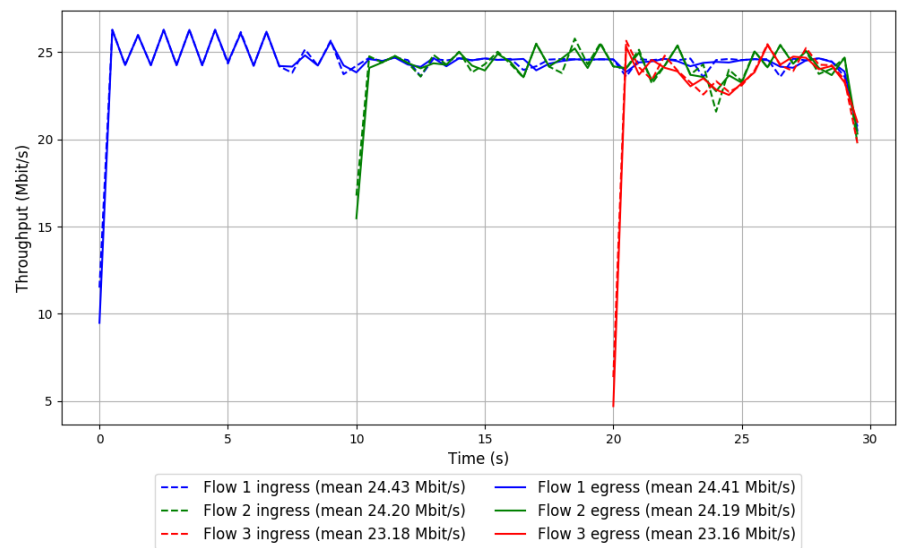


Run 6: Statistics of Sprout

Start at: 2018-01-10 01:07:11
End at: 2018-01-10 01:07:41
Local clock offset: 2.292 ms
Remote clock offset: -16.702 ms

Below is generated by plot.py at 2018-01-10 05:56:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.13 Mbit/s
95th percentile per-packet one-way delay: 45.216 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 24.41 Mbit/s
95th percentile per-packet one-way delay: 44.293 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 24.19 Mbit/s
95th percentile per-packet one-way delay: 45.185 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 23.16 Mbit/s
95th percentile per-packet one-way delay: 47.779 ms
Loss rate: 0.21%

Run 6: Report of Sprout — Data Link

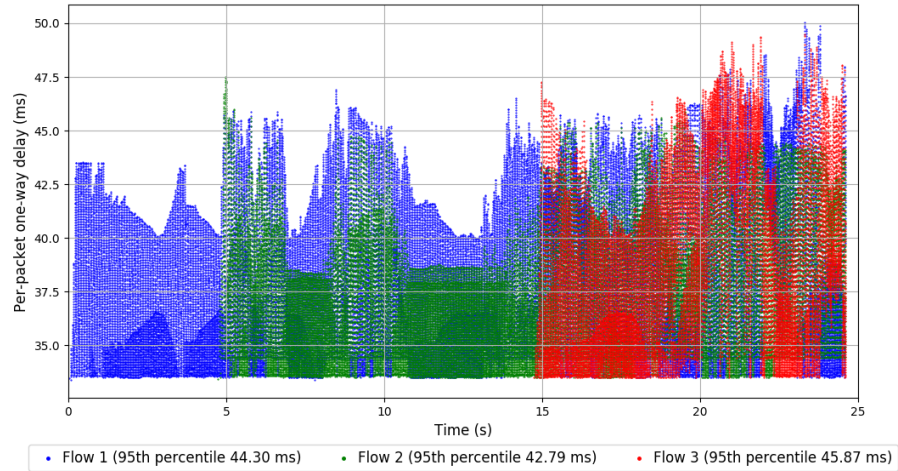
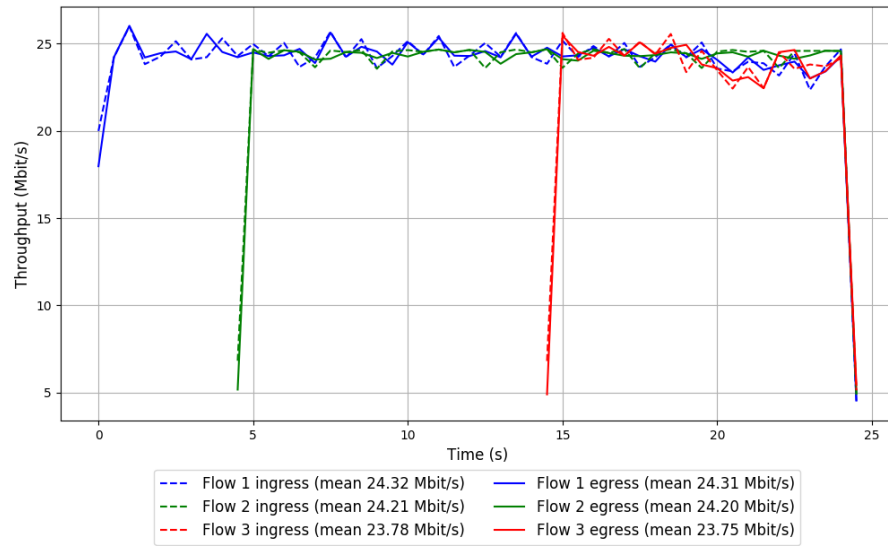


Run 7: Statistics of Sprout

Start at: 2018-01-10 01:24:39
End at: 2018-01-10 01:25:09
Local clock offset: 2.671 ms
Remote clock offset: -14.893 ms

Below is generated by plot.py at 2018-01-10 05:56:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 53.41 Mbit/s
95th percentile per-packet one-way delay: 44.262 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 24.31 Mbit/s
95th percentile per-packet one-way delay: 44.303 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 24.20 Mbit/s
95th percentile per-packet one-way delay: 42.786 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 23.75 Mbit/s
95th percentile per-packet one-way delay: 45.873 ms
Loss rate: 0.32%

Run 7: Report of Sprout — Data Link

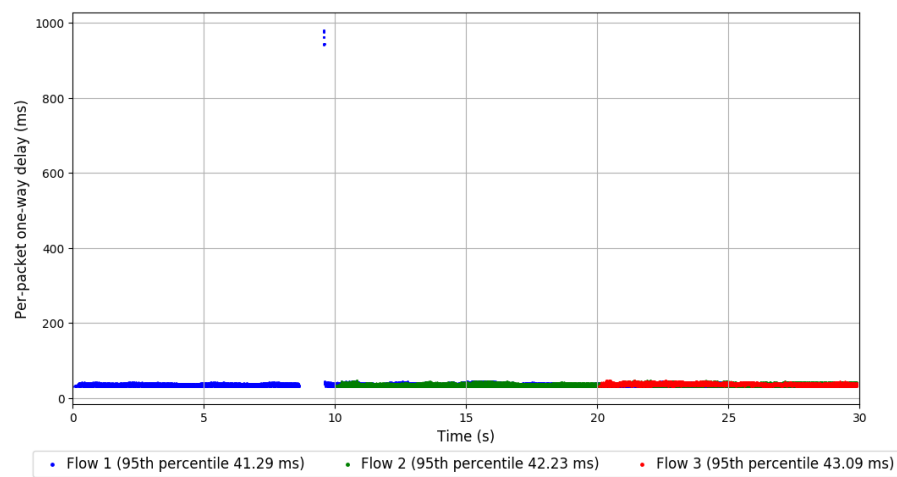
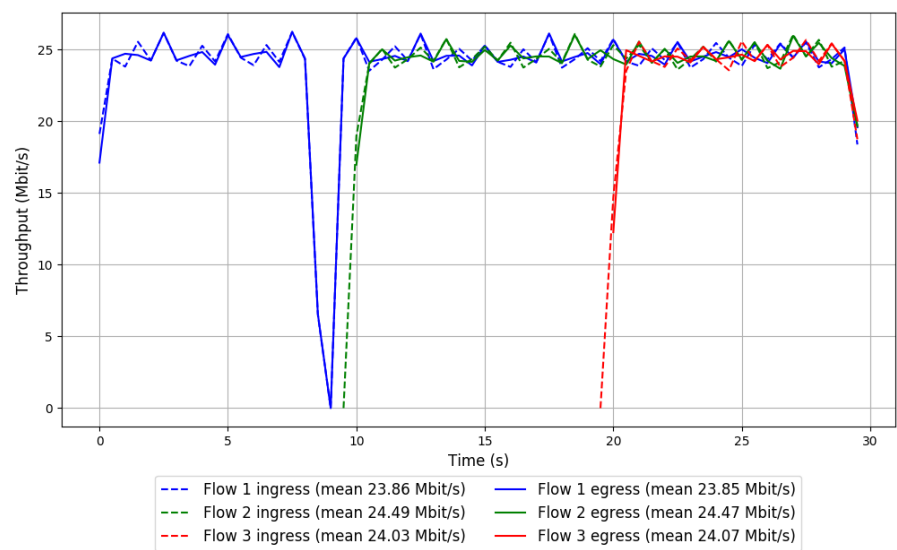


Run 8: Statistics of Sprout

Start at: 2018-01-10 01:42:27
End at: 2018-01-10 01:42:57
Local clock offset: 1.407 ms
Remote clock offset: -16.025 ms

Below is generated by plot.py at 2018-01-10 05:56:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.08 Mbit/s
95th percentile per-packet one-way delay: 41.991 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 23.85 Mbit/s
95th percentile per-packet one-way delay: 41.288 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 24.47 Mbit/s
95th percentile per-packet one-way delay: 42.234 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 24.07 Mbit/s
95th percentile per-packet one-way delay: 43.088 ms
Loss rate: 0.15%

Run 8: Report of Sprout — Data Link

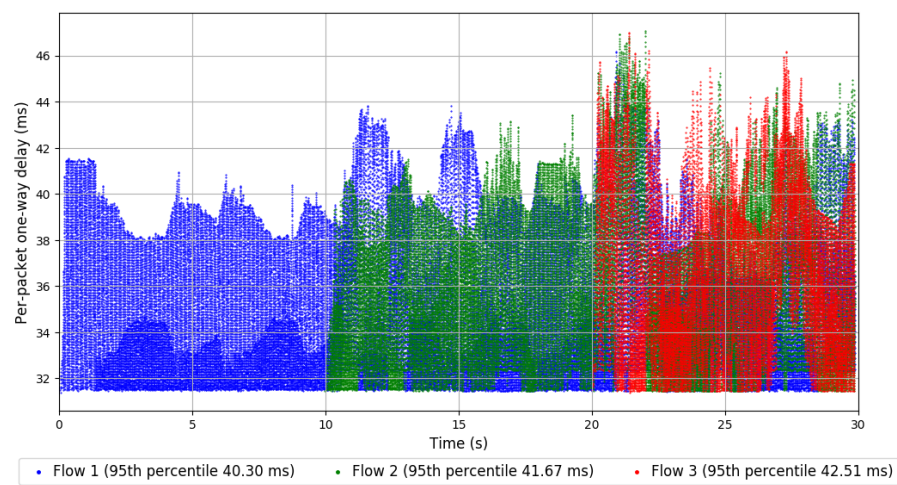
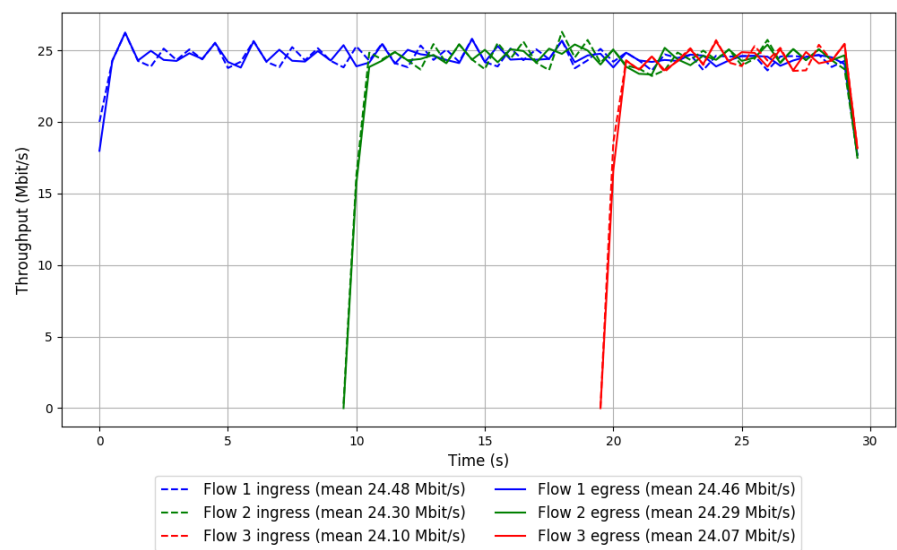


Run 9: Statistics of Sprout

Start at: 2018-01-10 02:00:44
End at: 2018-01-10 02:01:14
Local clock offset: 0.51 ms
Remote clock offset: -15.505 ms

Below is generated by plot.py at 2018-01-10 05:57:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.61 Mbit/s
95th percentile per-packet one-way delay: 41.316 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 24.46 Mbit/s
95th percentile per-packet one-way delay: 40.295 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 24.29 Mbit/s
95th percentile per-packet one-way delay: 41.668 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 24.07 Mbit/s
95th percentile per-packet one-way delay: 42.506 ms
Loss rate: 0.42%

Run 9: Report of Sprout — Data Link

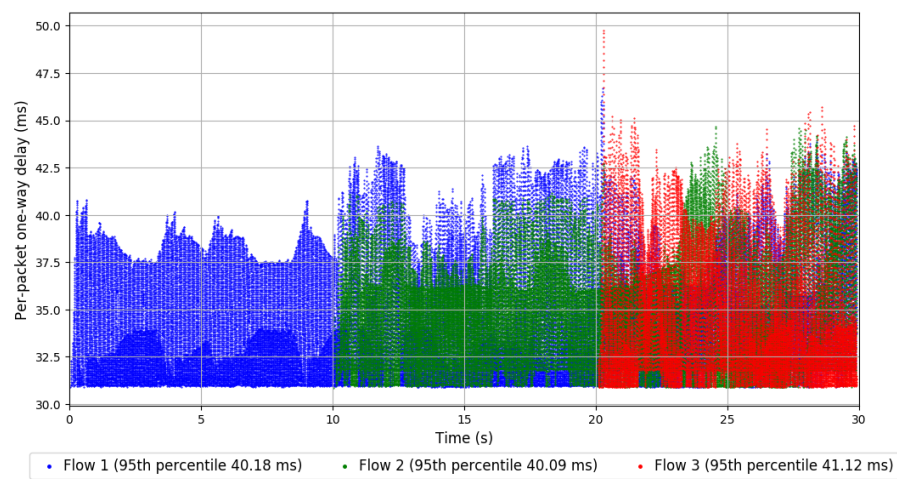
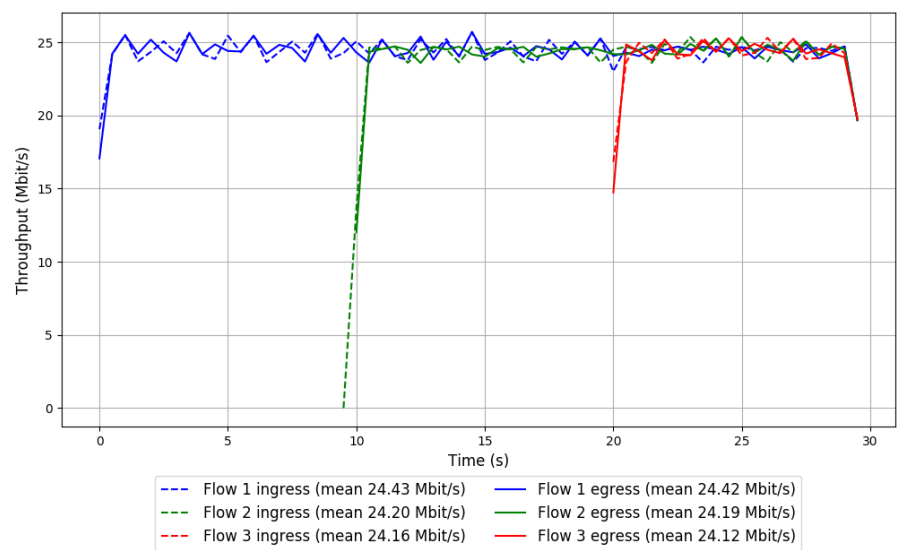


Run 10: Statistics of Sprout

Start at: 2018-01-10 02:18:35
End at: 2018-01-10 02:19:05
Local clock offset: 2.445 ms
Remote clock offset: -13.586 ms

Below is generated by plot.py at 2018-01-10 05:57:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.47 Mbit/s
95th percentile per-packet one-way delay: 40.336 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 24.42 Mbit/s
95th percentile per-packet one-way delay: 40.177 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 24.19 Mbit/s
95th percentile per-packet one-way delay: 40.094 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 24.12 Mbit/s
95th percentile per-packet one-way delay: 41.118 ms
Loss rate: 0.38%

Run 10: Report of Sprout — Data Link

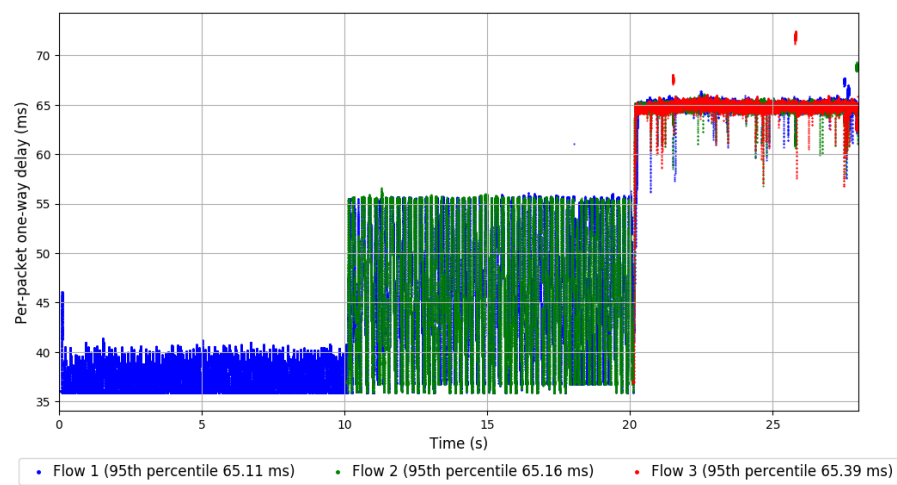
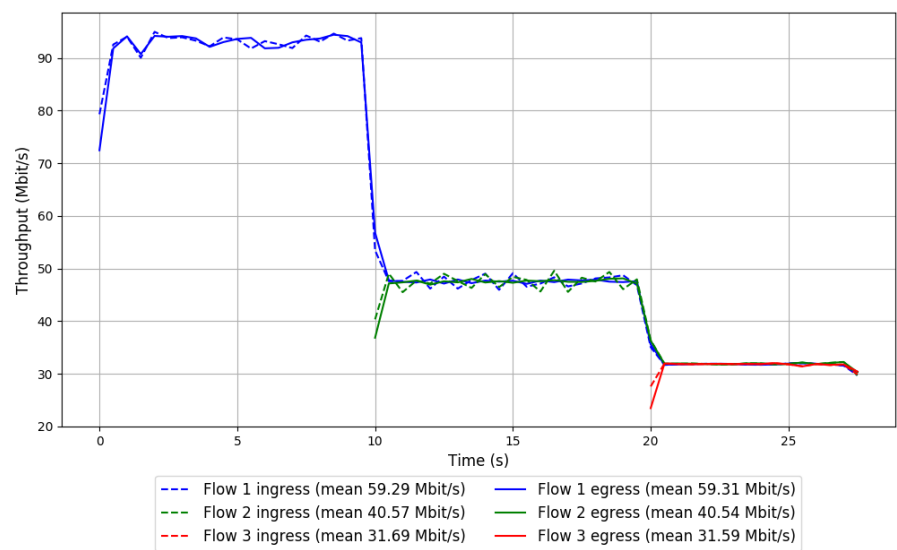


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-01-09 23:49:01
End at: 2018-01-09 23:49:31
Local clock offset: 3.595 ms
Remote clock offset: -18.192 ms

# Below is generated by plot.py at 2018-01-10 06:00:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.25 Mbit/s
95th percentile per-packet one-way delay: 65.181 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 59.31 Mbit/s
95th percentile per-packet one-way delay: 65.108 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.54 Mbit/s
95th percentile per-packet one-way delay: 65.158 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 31.59 Mbit/s
95th percentile per-packet one-way delay: 65.390 ms
Loss rate: 0.70%
```


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

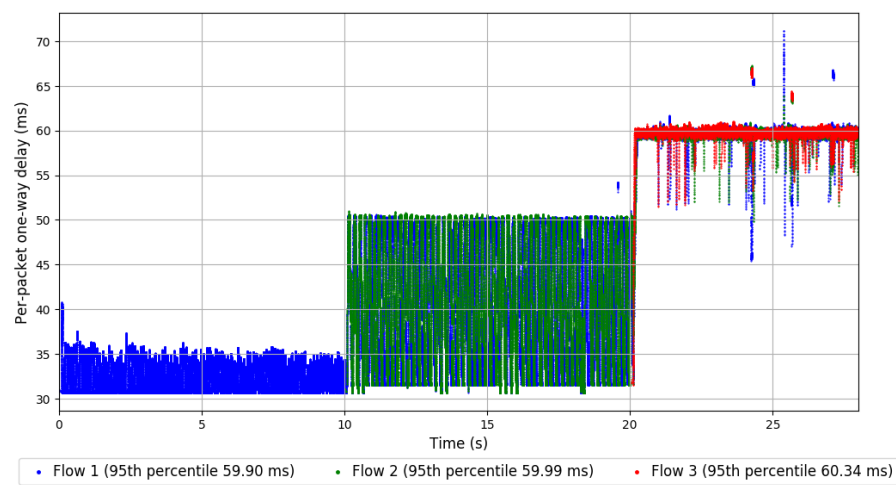
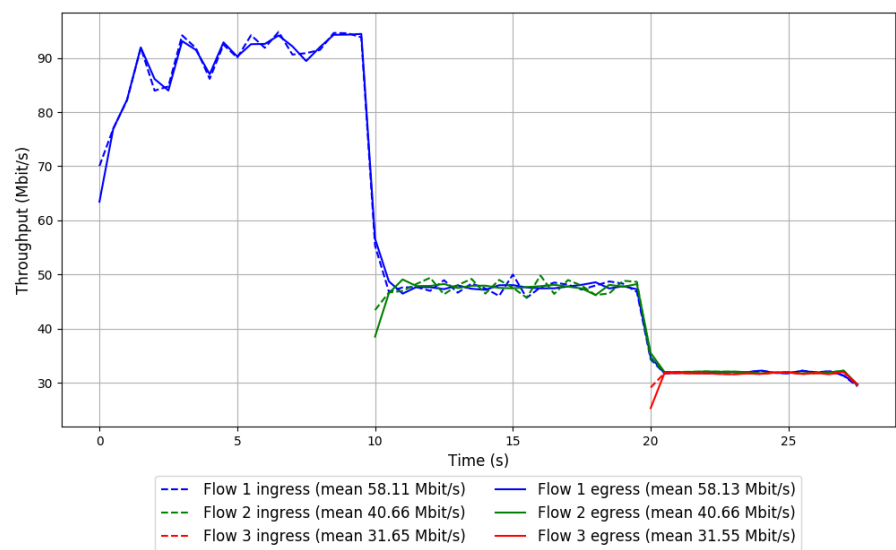


Run 2: Statistics of TaoVA-100x

Start at: 2018-01-10 00:06:47
End at: 2018-01-10 00:07:17
Local clock offset: 0.238 ms
Remote clock offset: -16.352 ms

Below is generated by plot.py at 2018-01-10 06:00:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.16 Mbit/s
95th percentile per-packet one-way delay: 60.039 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 58.13 Mbit/s
95th percentile per-packet one-way delay: 59.900 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.66 Mbit/s
95th percentile per-packet one-way delay: 59.994 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 31.55 Mbit/s
95th percentile per-packet one-way delay: 60.344 ms
Loss rate: 0.70%

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

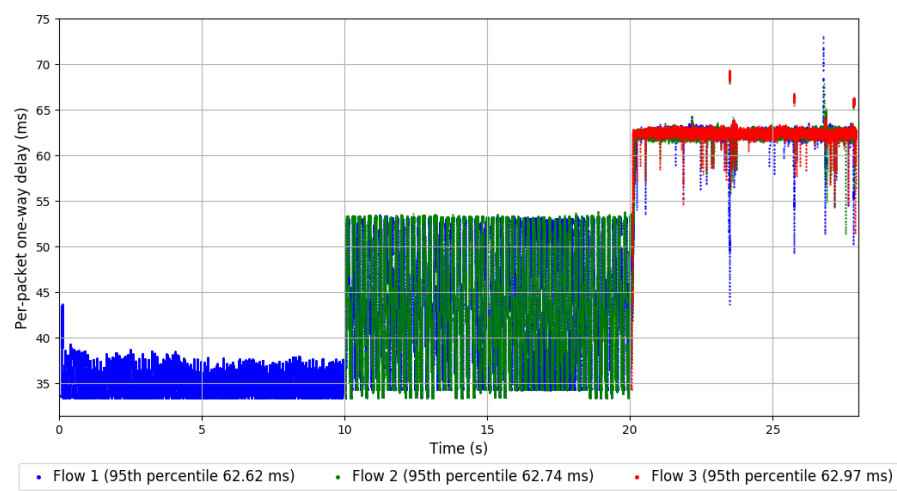
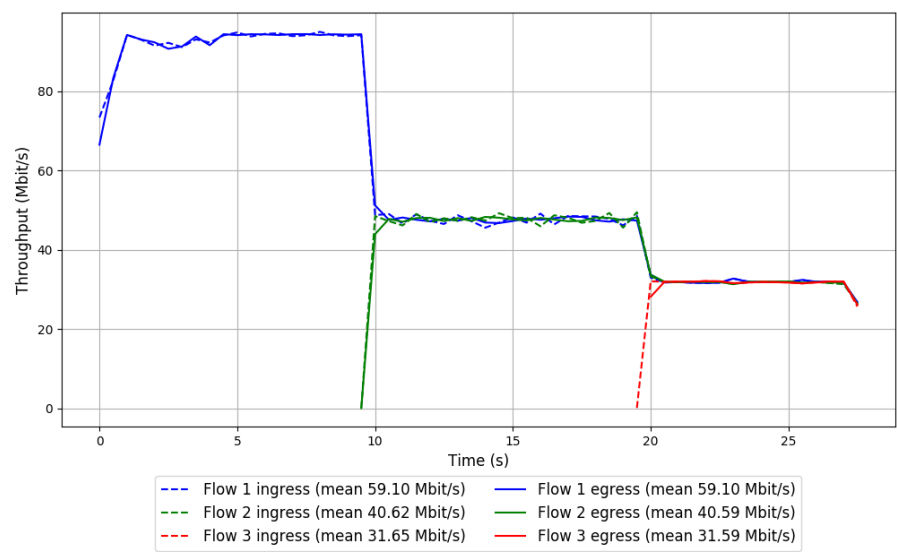


Run 3: Statistics of TaoVA-100x

Start at: 2018-01-10 00:24:25
End at: 2018-01-10 00:24:55
Local clock offset: 1.76 ms
Remote clock offset: -17.656 ms

Below is generated by plot.py at 2018-01-10 06:00:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.16 Mbit/s
95th percentile per-packet one-way delay: 62.742 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 59.10 Mbit/s
95th percentile per-packet one-way delay: 62.618 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.59 Mbit/s
95th percentile per-packet one-way delay: 62.744 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 31.59 Mbit/s
95th percentile per-packet one-way delay: 62.969 ms
Loss rate: 0.70%

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

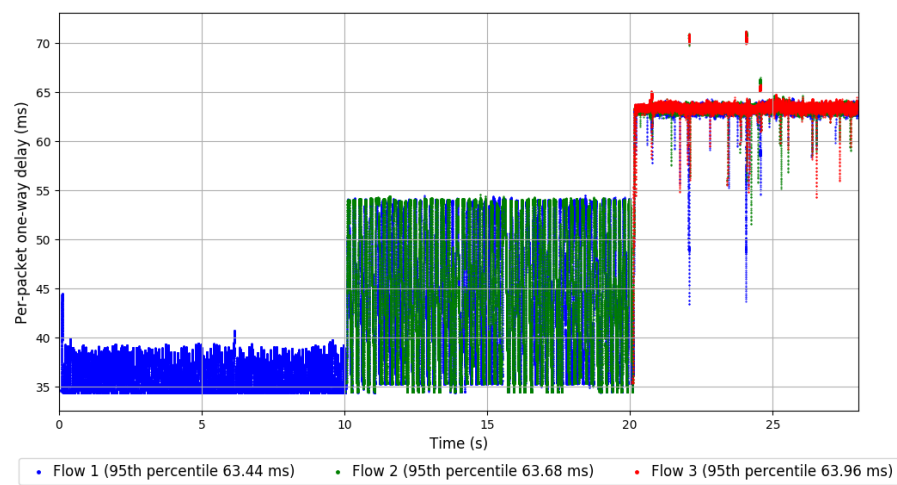
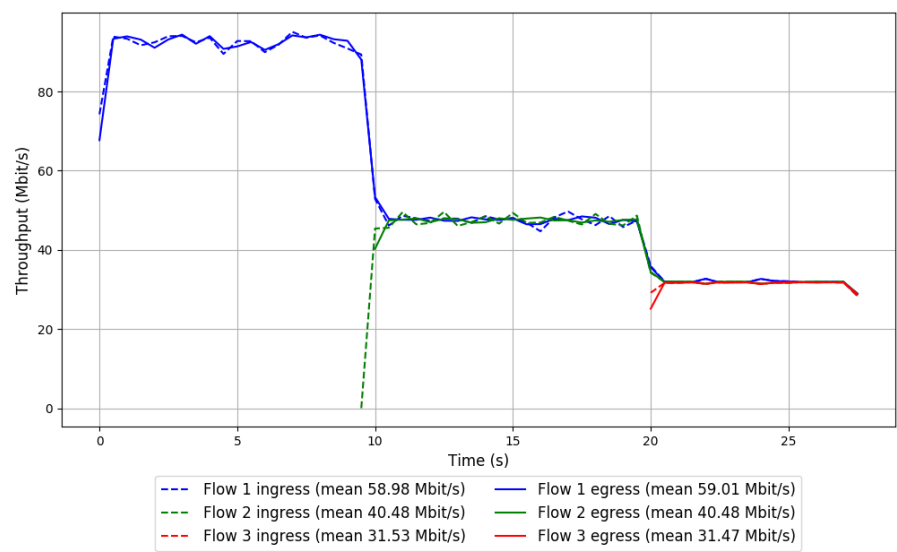


Run 4: Statistics of TaoVA-100x

Start at: 2018-01-10 00:42:09
End at: 2018-01-10 00:42:39
Local clock offset: 2.802 ms
Remote clock offset: -16.239 ms

Below is generated by plot.py at 2018-01-10 06:00:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.92 Mbit/s
95th percentile per-packet one-way delay: 63.666 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 59.01 Mbit/s
95th percentile per-packet one-way delay: 63.439 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.48 Mbit/s
95th percentile per-packet one-way delay: 63.683 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 31.47 Mbit/s
95th percentile per-packet one-way delay: 63.958 ms
Loss rate: 0.70%

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

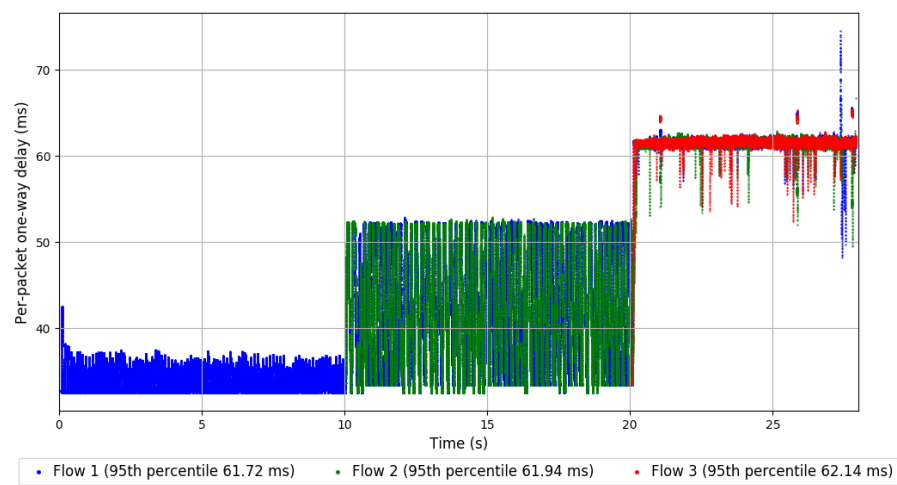
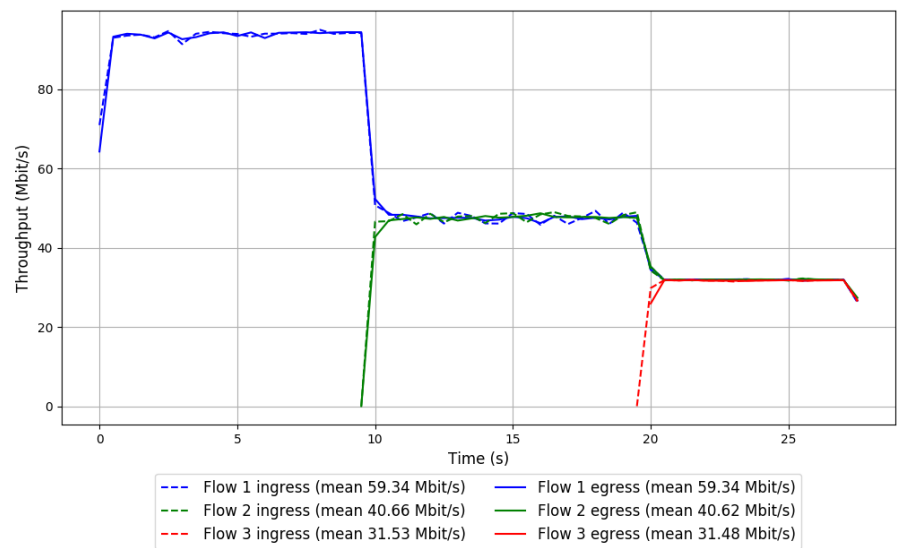


Run 5: Statistics of TaoVA-100x

Start at: 2018-01-10 01:00:00
End at: 2018-01-10 01:00:30
Local clock offset: 1.505 ms
Remote clock offset: -14.932 ms

Below is generated by plot.py at 2018-01-10 06:00:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.35 Mbit/s
95th percentile per-packet one-way delay: 61.894 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 59.34 Mbit/s
95th percentile per-packet one-way delay: 61.717 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.62 Mbit/s
95th percentile per-packet one-way delay: 61.942 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 31.48 Mbit/s
95th percentile per-packet one-way delay: 62.138 ms
Loss rate: 0.71%

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

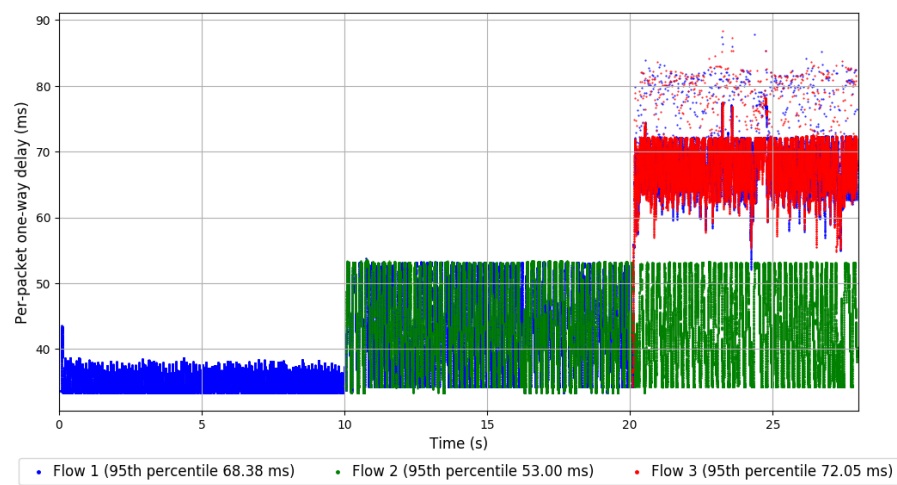
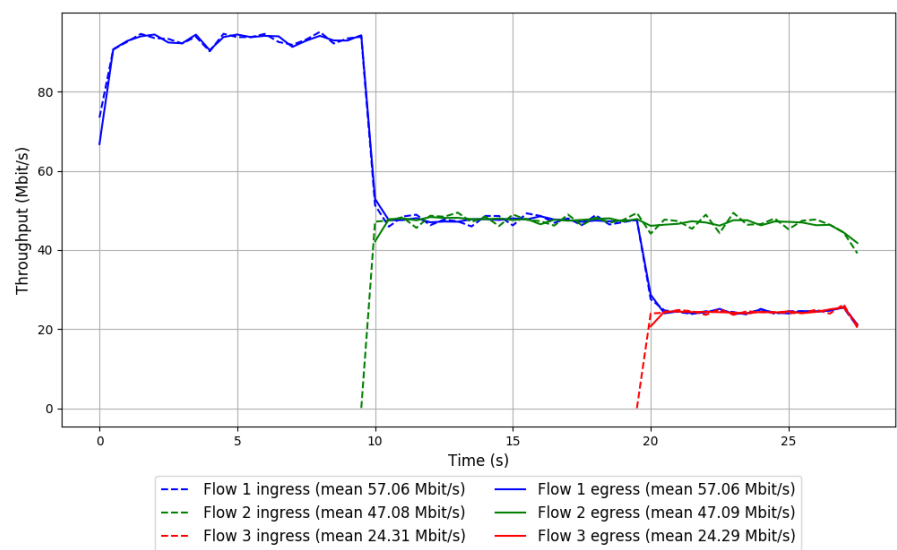


Run 6: Statistics of TaoVA-100x

Start at: 2018-01-10 01:17:31
End at: 2018-01-10 01:18:01
Local clock offset: 2.375 ms
Remote clock offset: -15.023 ms

Below is generated by plot.py at 2018-01-10 06:00:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.20 Mbit/s
95th percentile per-packet one-way delay: 69.154 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 57.06 Mbit/s
95th percentile per-packet one-way delay: 68.383 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 47.09 Mbit/s
95th percentile per-packet one-way delay: 53.001 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 24.29 Mbit/s
95th percentile per-packet one-way delay: 72.049 ms
Loss rate: 0.73%

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

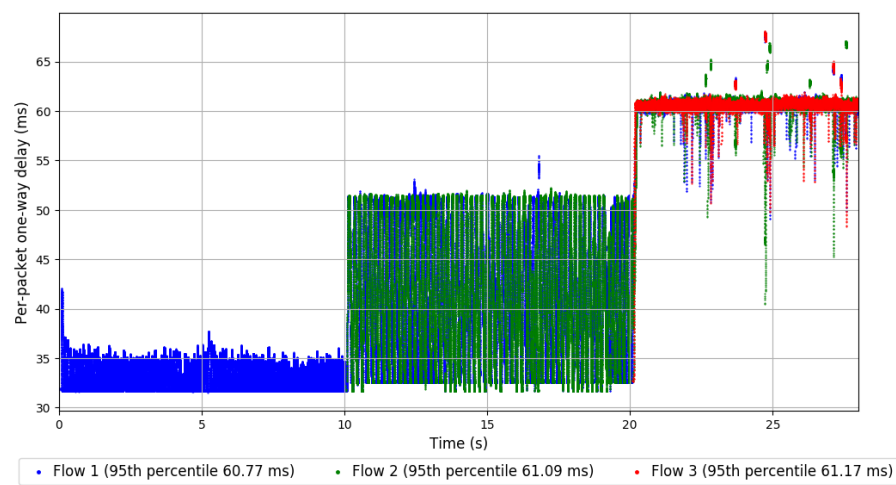
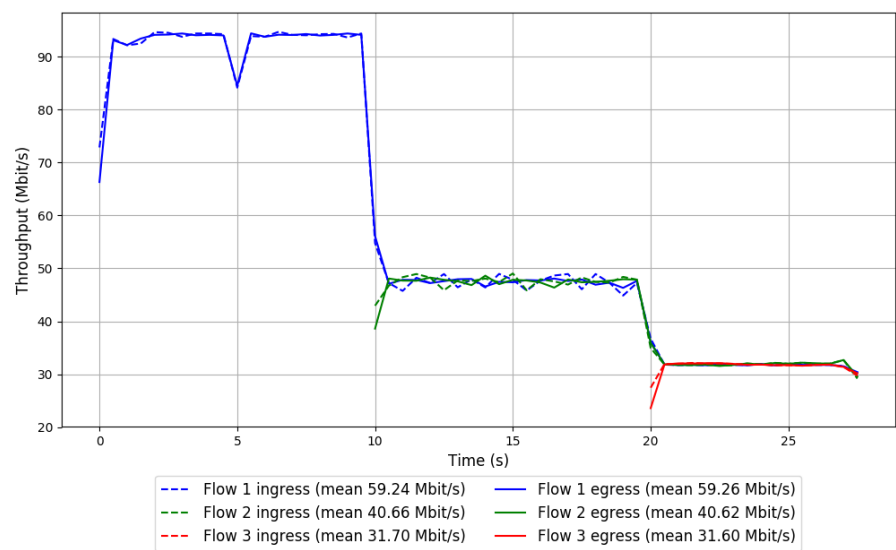


Run 7: Statistics of TaoVA-100x

Start at: 2018-01-10 01:35:08
End at: 2018-01-10 01:35:38
Local clock offset: 0.918 ms
Remote clock offset: -16.169 ms

Below is generated by plot.py at 2018-01-10 06:01:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.27 Mbit/s
95th percentile per-packet one-way delay: 60.971 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 59.26 Mbit/s
95th percentile per-packet one-way delay: 60.769 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.62 Mbit/s
95th percentile per-packet one-way delay: 61.085 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 31.60 Mbit/s
95th percentile per-packet one-way delay: 61.166 ms
Loss rate: 0.68%

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

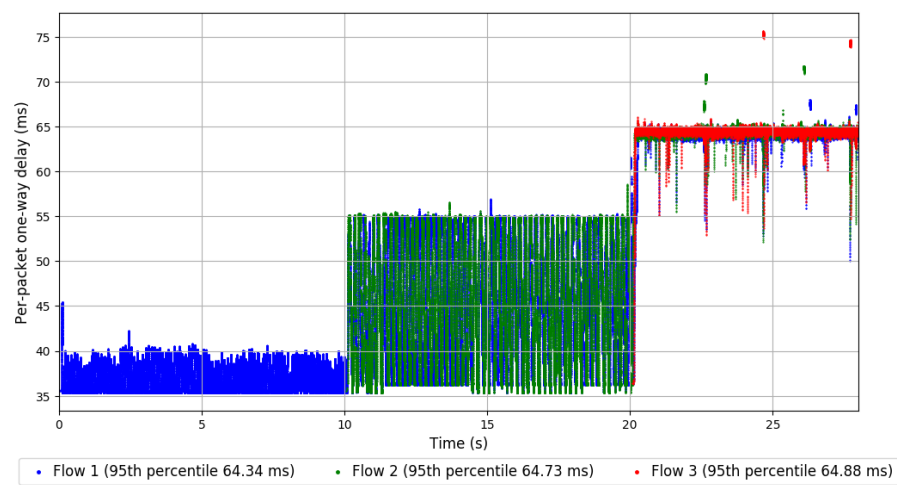
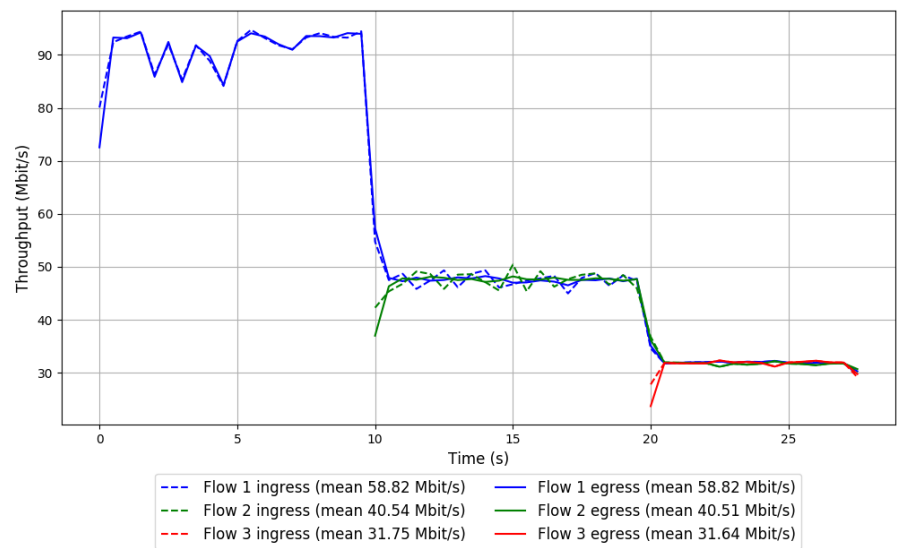


Run 8: Statistics of TaoVA-100x

Start at: 2018-01-10 01:53:19
End at: 2018-01-10 01:53:49
Local clock offset: 4.192 ms
Remote clock offset: -15.568 ms

Below is generated by plot.py at 2018-01-10 06:01:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.75 Mbit/s
95th percentile per-packet one-way delay: 64.650 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 58.82 Mbit/s
95th percentile per-packet one-way delay: 64.336 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.51 Mbit/s
95th percentile per-packet one-way delay: 64.732 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 31.64 Mbit/s
95th percentile per-packet one-way delay: 64.881 ms
Loss rate: 0.69%

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

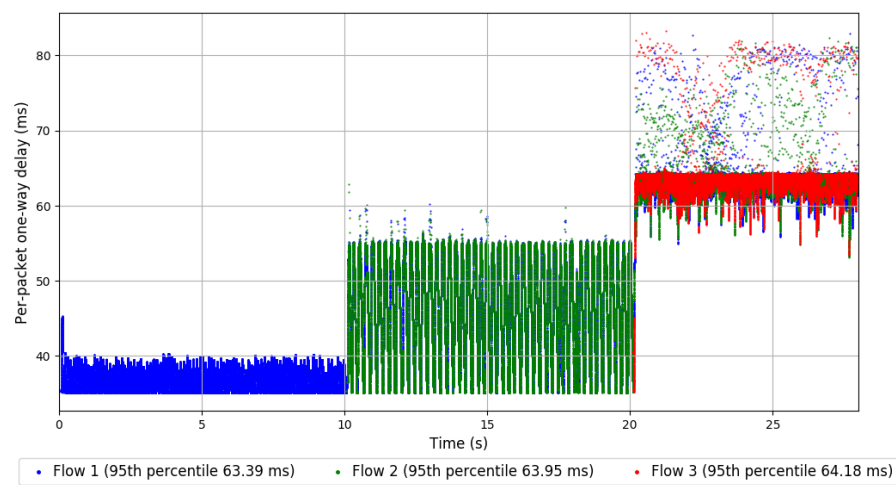
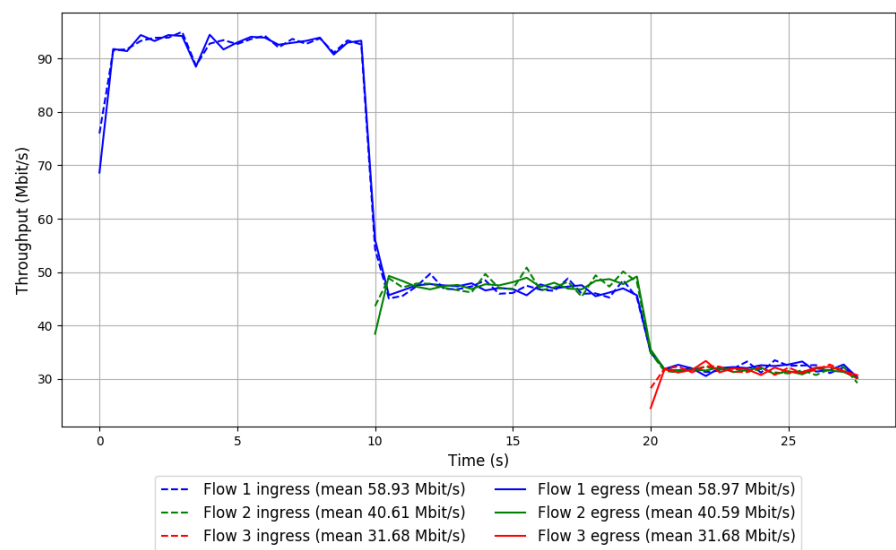


Run 9: Statistics of TaoVA-100x

Start at: 2018-01-10 02:11:26
End at: 2018-01-10 02:11:56
Local clock offset: 3.836 ms
Remote clock offset: -16.152 ms

Below is generated by plot.py at 2018-01-10 06:04:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.96 Mbit/s
95th percentile per-packet one-way delay: 63.918 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 58.97 Mbit/s
95th percentile per-packet one-way delay: 63.394 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.59 Mbit/s
95th percentile per-packet one-way delay: 63.955 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 31.68 Mbit/s
95th percentile per-packet one-way delay: 64.178 ms
Loss rate: 0.70%

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

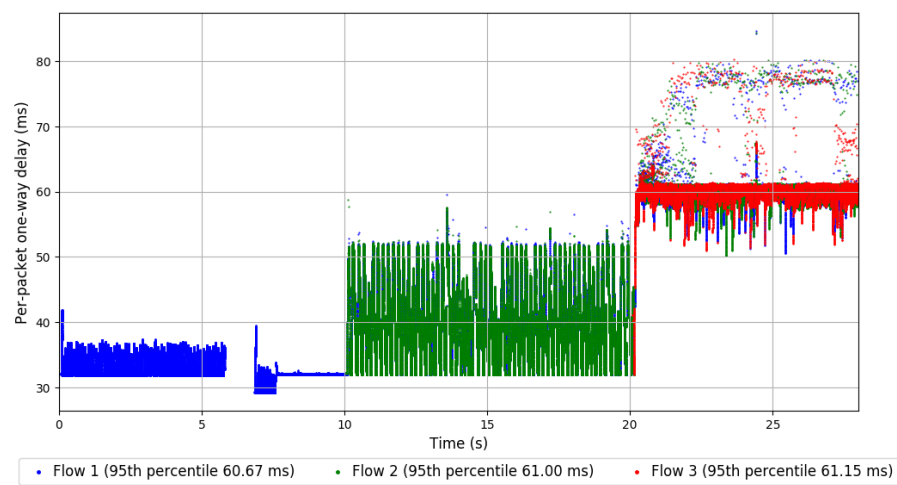
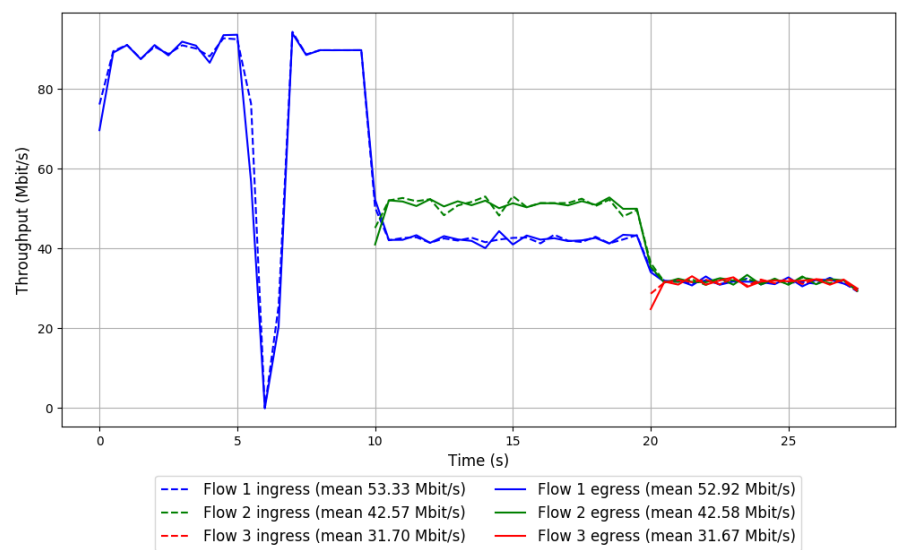


```
Run 10: Statistics of TaoVA-100x

Start at: 2018-01-10 02:29:12
End at: 2018-01-10 02:29:42
Local clock offset: 0.186 ms
Remote clock offset: -17.247 ms

# Below is generated by plot.py at 2018-01-10 06:04:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.18 Mbit/s
95th percentile per-packet one-way delay: 60.961 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 52.92 Mbit/s
95th percentile per-packet one-way delay: 60.675 ms
Loss rate: 0.94%
-- Flow 2:
Average throughput: 42.58 Mbit/s
95th percentile per-packet one-way delay: 61.000 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 31.67 Mbit/s
95th percentile per-packet one-way delay: 61.145 ms
Loss rate: 0.67%
```

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

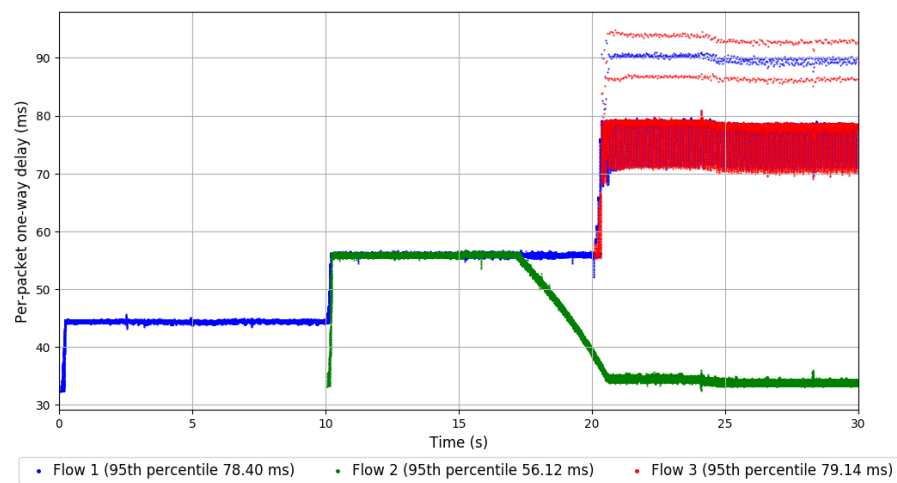
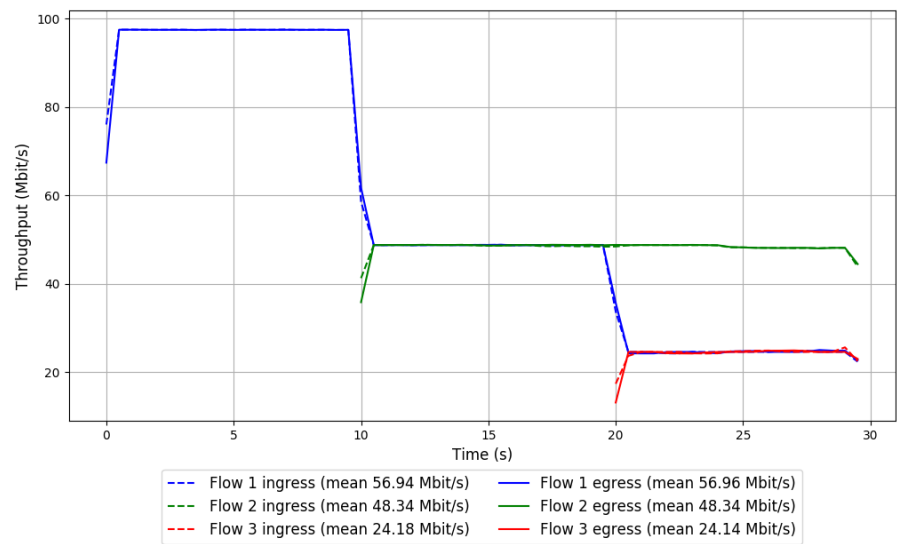


Run 1: Statistics of TCP Vegas

Start at: 2018-01-09 23:43:16
End at: 2018-01-09 23:43:46
Local clock offset: 0.898 ms
Remote clock offset: -17.378 ms

Below is generated by plot.py at 2018-01-10 06:04:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 78.531 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 56.96 Mbit/s
95th percentile per-packet one-way delay: 78.398 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 48.34 Mbit/s
95th percentile per-packet one-way delay: 56.123 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 24.14 Mbit/s
95th percentile per-packet one-way delay: 79.145 ms
Loss rate: 0.80%

Run 1: Report of TCP Vegas — Data Link

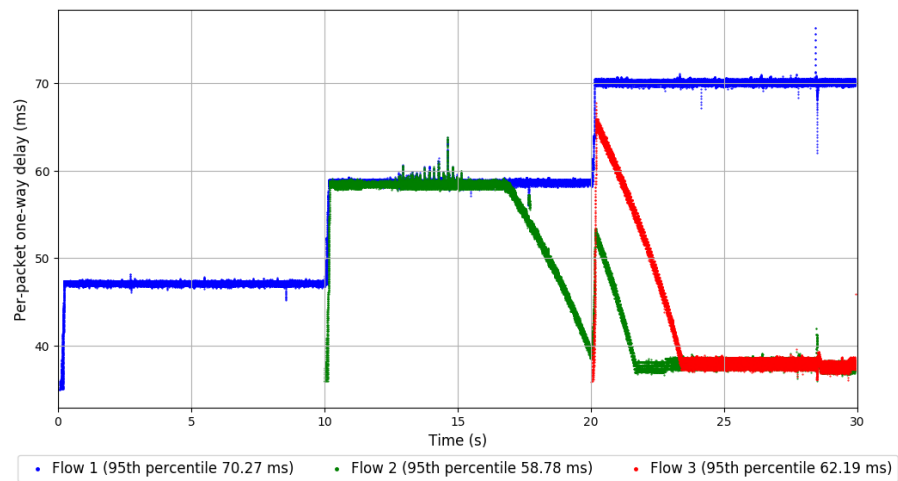
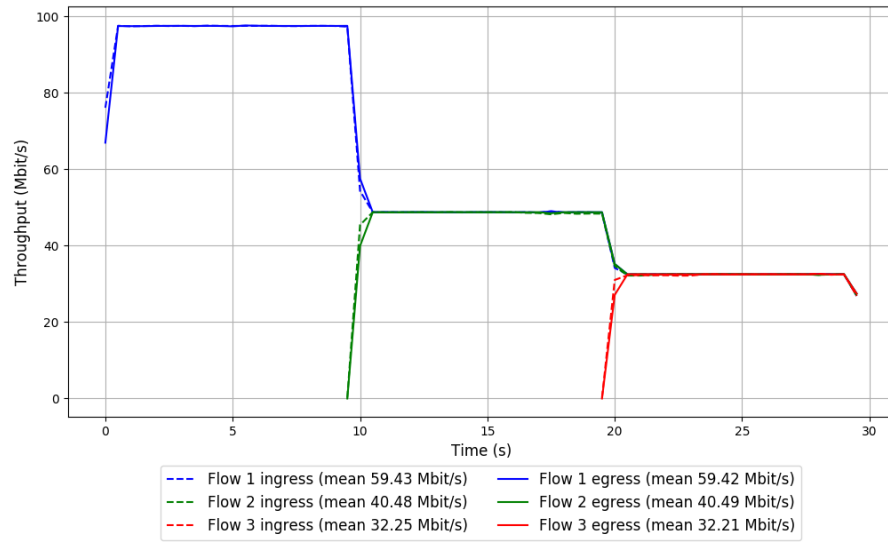


Run 2: Statistics of TCP Vegas

Start at: 2018-01-10 00:00:58
End at: 2018-01-10 00:01:28
Local clock offset: 3.532 ms
Remote clock offset: -17.29 ms

Below is generated by plot.py at 2018-01-10 06:04:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 70.178 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 59.42 Mbit/s
95th percentile per-packet one-way delay: 70.274 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.49 Mbit/s
95th percentile per-packet one-way delay: 58.777 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 32.21 Mbit/s
95th percentile per-packet one-way delay: 62.193 ms
Loss rate: 0.30%

Run 2: Report of TCP Vegas — Data Link

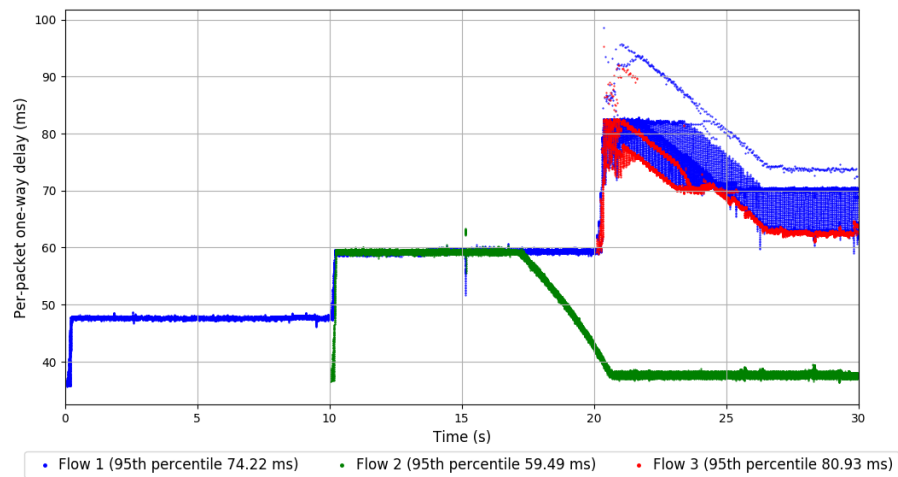
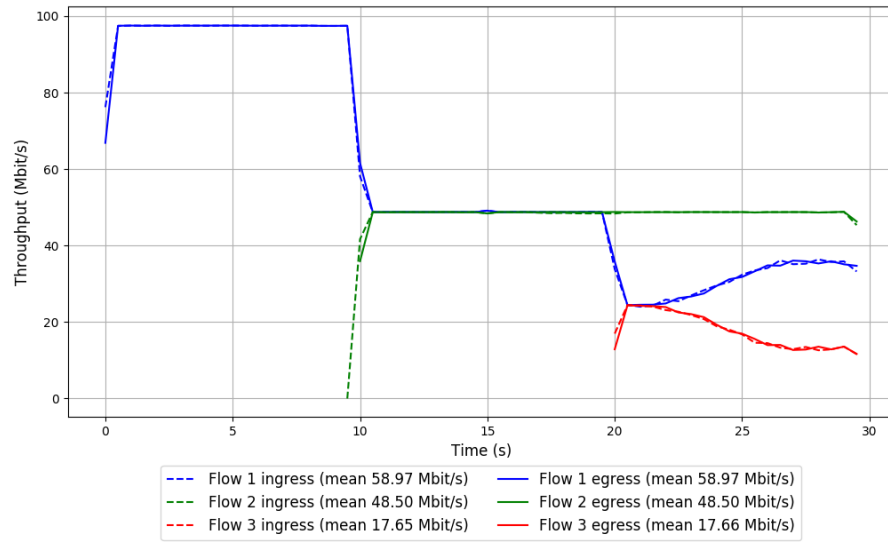


Run 3: Statistics of TCP Vegas

Start at: 2018-01-10 00:18:43
End at: 2018-01-10 00:19:13
Local clock offset: 2.439 ms
Remote clock offset: -19.18 ms

Below is generated by plot.py at 2018-01-10 06:04:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 73.993 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 58.97 Mbit/s
95th percentile per-packet one-way delay: 74.225 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 48.50 Mbit/s
95th percentile per-packet one-way delay: 59.490 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 17.66 Mbit/s
95th percentile per-packet one-way delay: 80.932 ms
Loss rate: 0.38%

Run 3: Report of TCP Vegas — Data Link

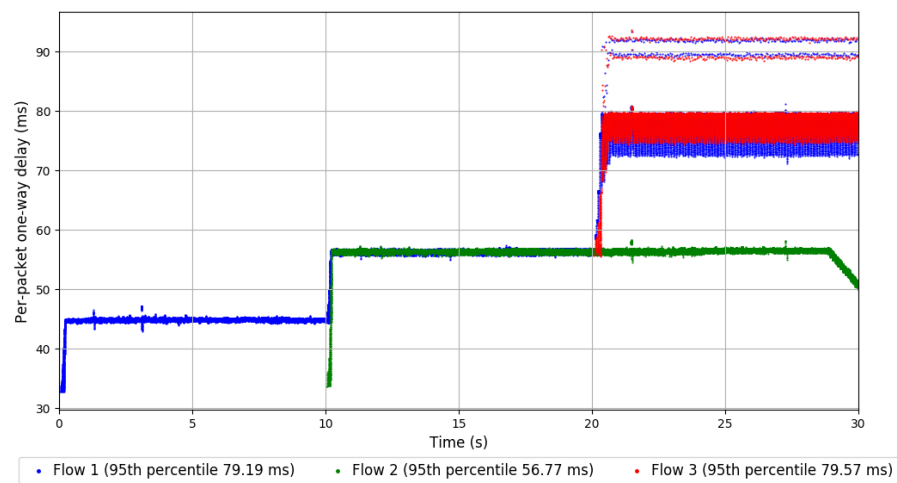
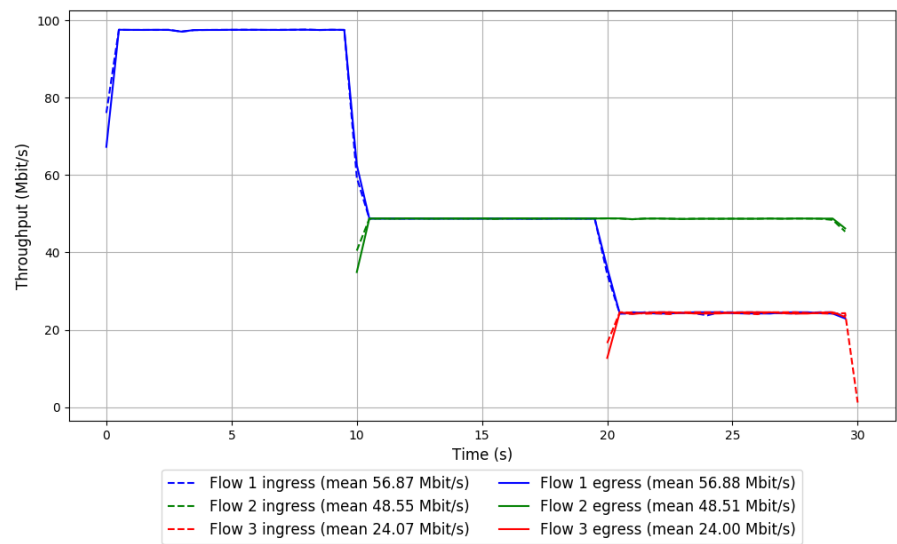


Run 4: Statistics of TCP Vegas

Start at: 2018-01-10 00:36:24
End at: 2018-01-10 00:36:54
Local clock offset: 0.993 ms
Remote clock offset: -17.179 ms

Below is generated by plot.py at 2018-01-10 06:04:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 79.237 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 56.88 Mbit/s
95th percentile per-packet one-way delay: 79.189 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 48.51 Mbit/s
95th percentile per-packet one-way delay: 56.768 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 24.00 Mbit/s
95th percentile per-packet one-way delay: 79.569 ms
Loss rate: 1.23%

Run 4: Report of TCP Vegas — Data Link

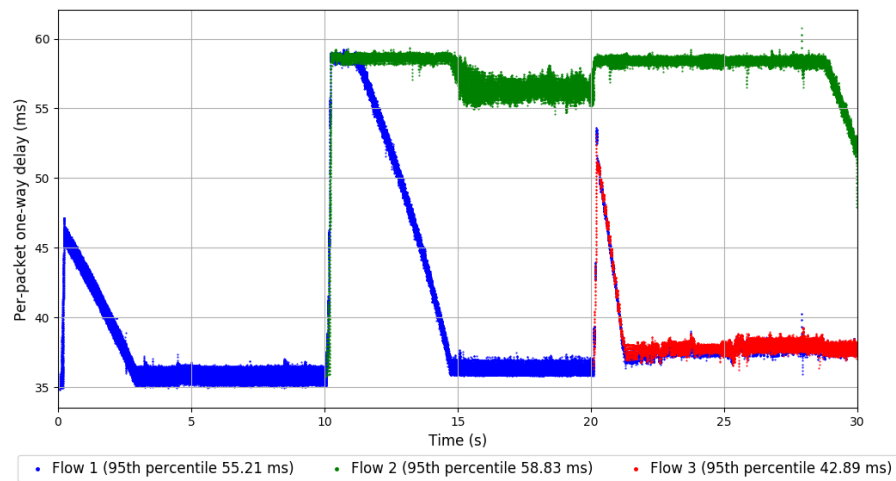
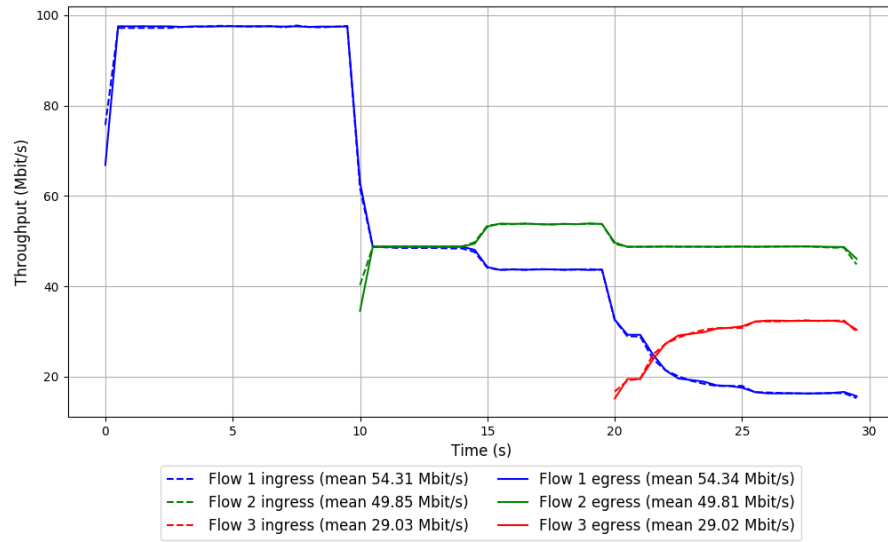


Run 5: Statistics of TCP Vegas

Start at: 2018-01-10 00:54:13
End at: 2018-01-10 00:54:43
Local clock offset: 2.237 ms
Remote clock offset: -16.717 ms

Below is generated by plot.py at 2018-01-10 06:04:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 58.716 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 54.34 Mbit/s
95th percentile per-packet one-way delay: 55.214 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 49.81 Mbit/s
95th percentile per-packet one-way delay: 58.829 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 29.02 Mbit/s
95th percentile per-packet one-way delay: 42.893 ms
Loss rate: 0.32%

Run 5: Report of TCP Vegas — Data Link

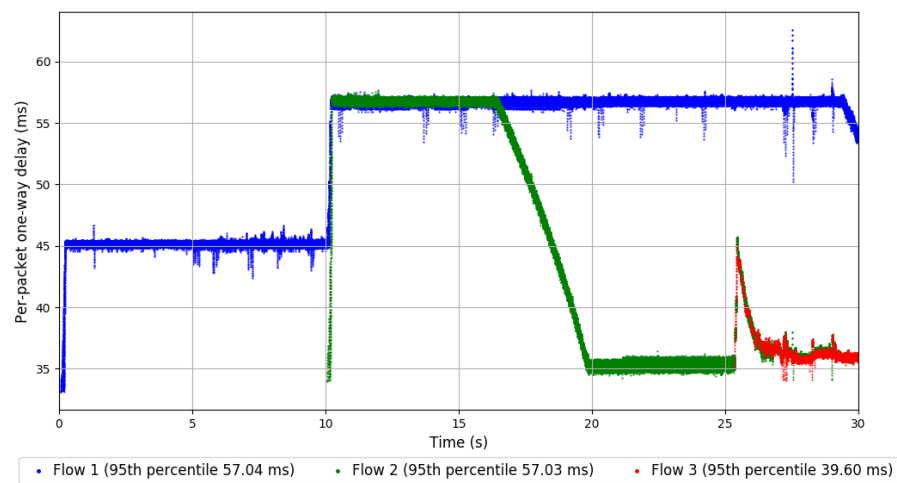
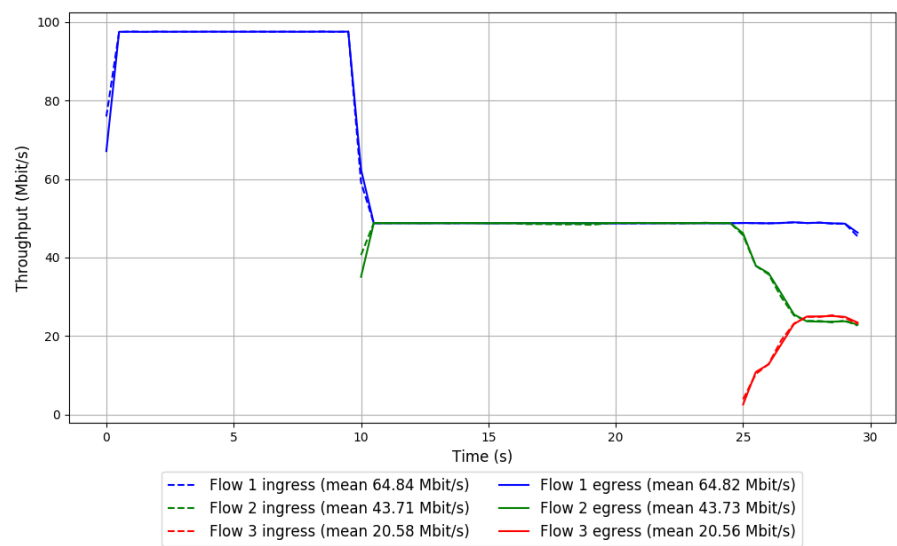


Run 6: Statistics of TCP Vegas

Start at: 2018-01-10 01:11:49
End at: 2018-01-10 01:12:19
Local clock offset: 1.2 ms
Remote clock offset: -15.779 ms

Below is generated by plot.py at 2018-01-10 06:04:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 57.036 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 64.82 Mbit/s
95th percentile per-packet one-way delay: 57.041 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 43.73 Mbit/s
95th percentile per-packet one-way delay: 57.032 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 20.56 Mbit/s
95th percentile per-packet one-way delay: 39.600 ms
Loss rate: 0.75%

Run 6: Report of TCP Vegas — Data Link

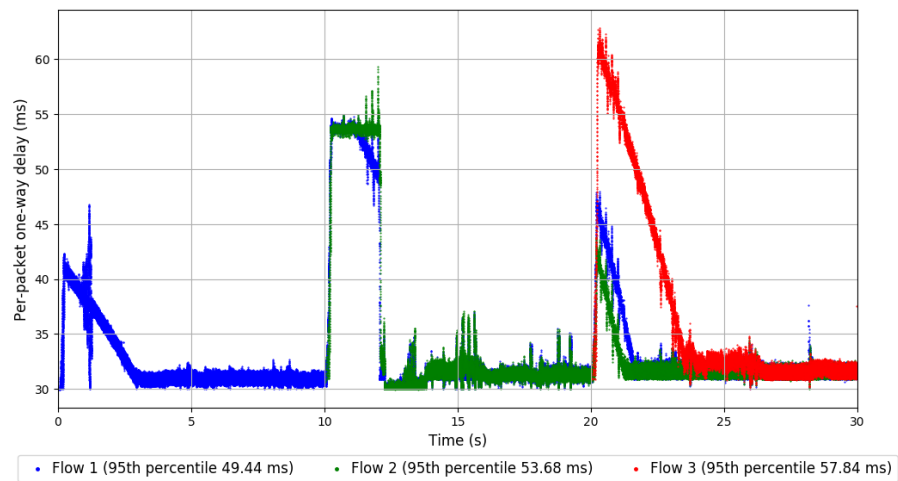
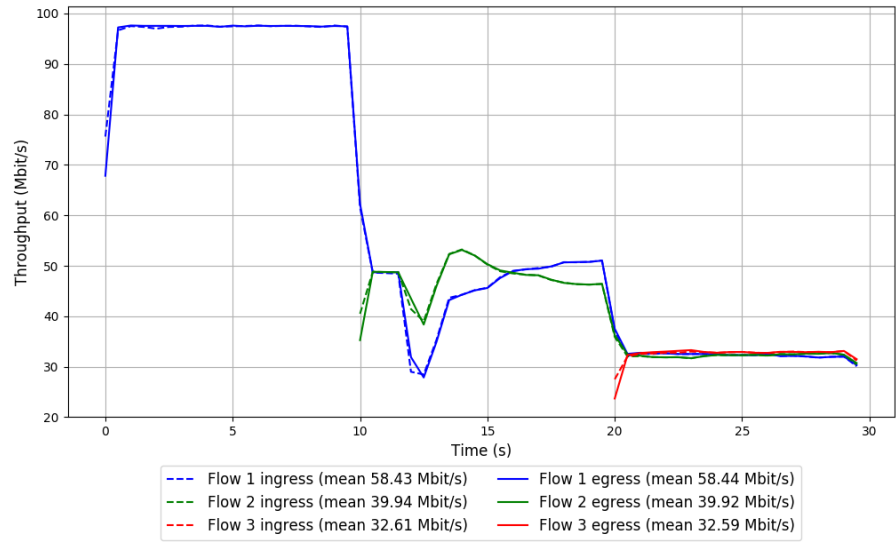


Run 7: Statistics of TCP Vegas

Start at: 2018-01-10 01:29:23
End at: 2018-01-10 01:29:53
Local clock offset: -0.16 ms
Remote clock offset: -14.268 ms

Below is generated by plot.py at 2018-01-10 06:05:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.81 Mbit/s
95th percentile per-packet one-way delay: 53.527 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 58.44 Mbit/s
95th percentile per-packet one-way delay: 49.443 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 39.92 Mbit/s
95th percentile per-packet one-way delay: 53.678 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 32.59 Mbit/s
95th percentile per-packet one-way delay: 57.838 ms
Loss rate: 0.28%

Run 7: Report of TCP Vegas — Data Link

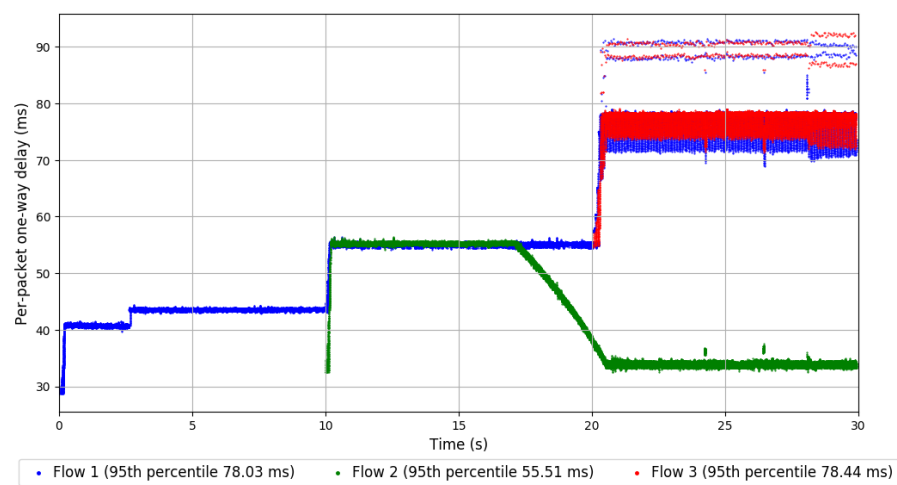
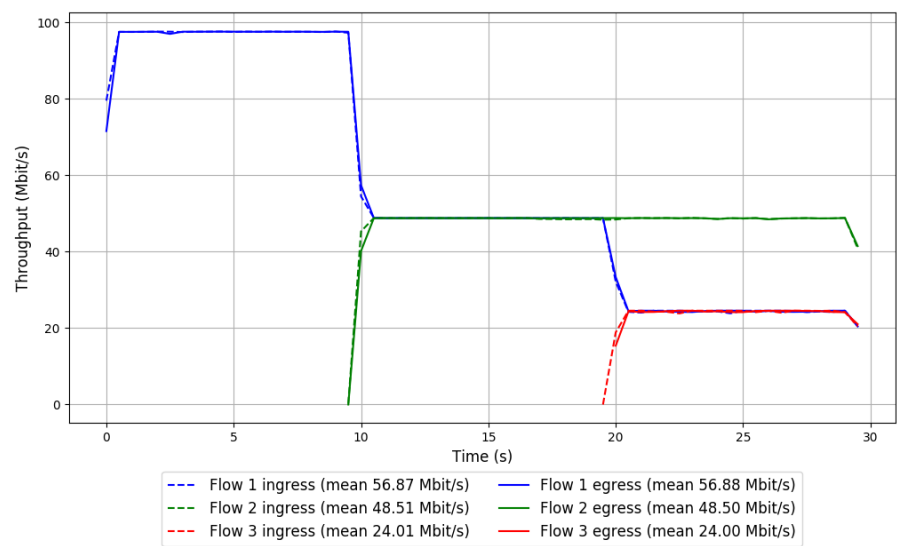


Run 8: Statistics of TCP Vegas

Start at: 2018-01-10 01:47:24
End at: 2018-01-10 01:47:54
Local clock offset: -0.513 ms
Remote clock offset: -16.412 ms

Below is generated by plot.py at 2018-01-10 06:05:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.17 Mbit/s
95th percentile per-packet one-way delay: 78.088 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 56.88 Mbit/s
95th percentile per-packet one-way delay: 78.025 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 48.50 Mbit/s
95th percentile per-packet one-way delay: 55.509 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 24.00 Mbit/s
95th percentile per-packet one-way delay: 78.440 ms
Loss rate: 0.72%

Run 8: Report of TCP Vegas — Data Link

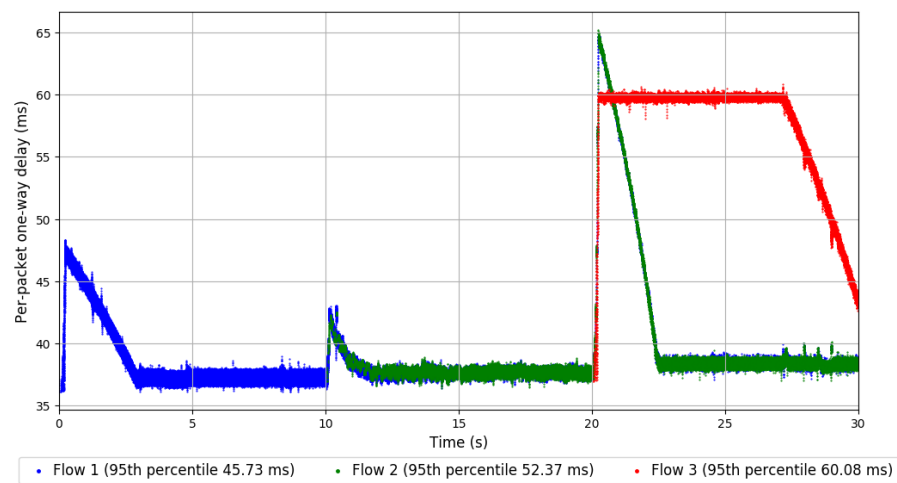
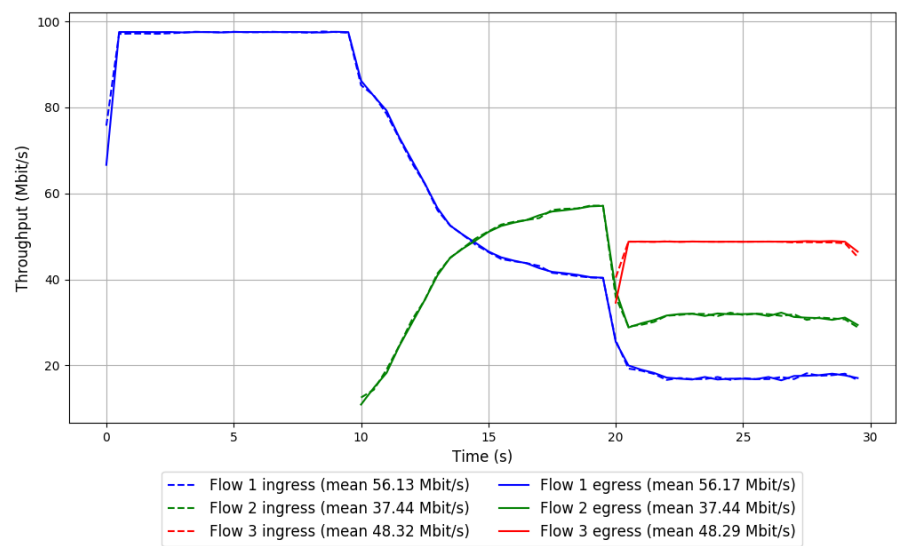


Run 9: Statistics of TCP Vegas

Start at: 2018-01-10 02:05:39
End at: 2018-01-10 02:06:09
Local clock offset: 2.991 ms
Remote clock offset: -17.869 ms

Below is generated by plot.py at 2018-01-10 06:05:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 59.934 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 56.17 Mbit/s
95th percentile per-packet one-way delay: 45.726 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 37.44 Mbit/s
95th percentile per-packet one-way delay: 52.366 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 48.29 Mbit/s
95th percentile per-packet one-way delay: 60.083 ms
Loss rate: 0.34%

Run 9: Report of TCP Vegas — Data Link

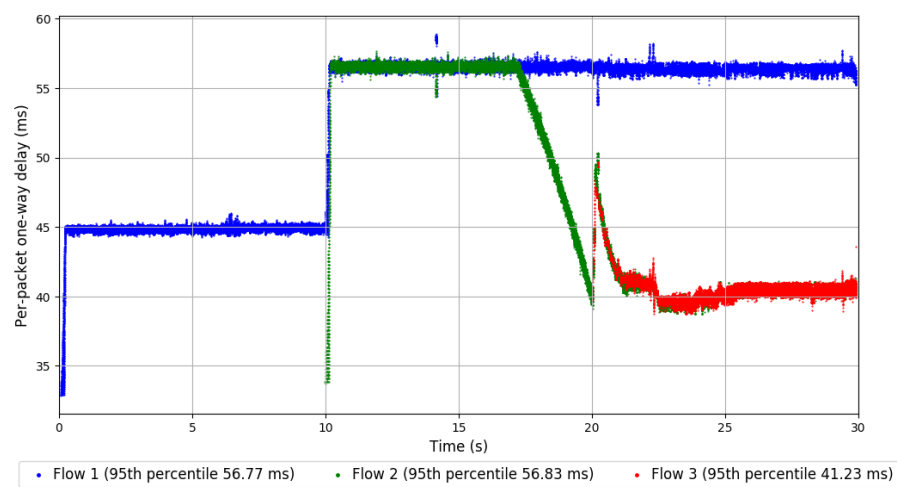
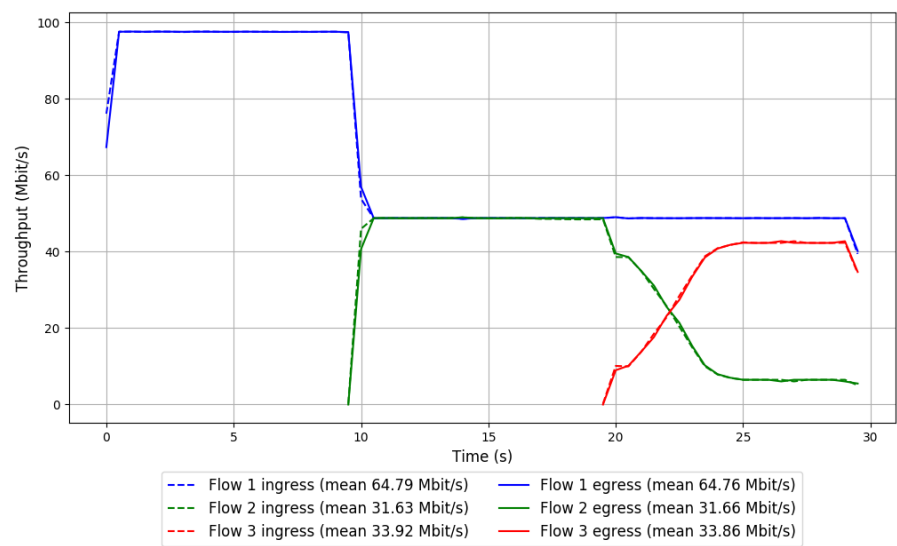


Run 10: Statistics of TCP Vegas

Start at: 2018-01-10 02:23:23
End at: 2018-01-10 02:23:53
Local clock offset: 3.411 ms
Remote clock offset: -14.84 ms

Below is generated by plot.py at 2018-01-10 06:05:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 56.781 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 64.76 Mbit/s
95th percentile per-packet one-way delay: 56.767 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 31.66 Mbit/s
95th percentile per-packet one-way delay: 56.829 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 33.86 Mbit/s
95th percentile per-packet one-way delay: 41.235 ms
Loss rate: 0.42%

Run 10: Report of TCP Vegas — Data Link

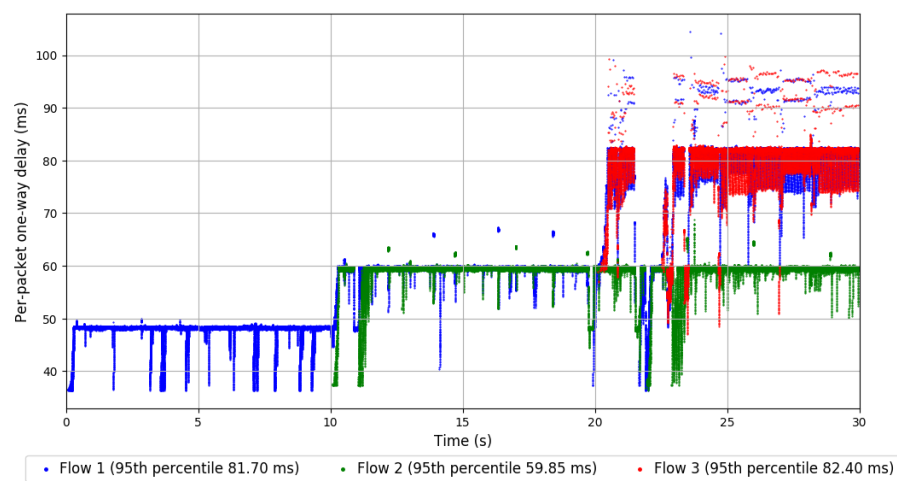
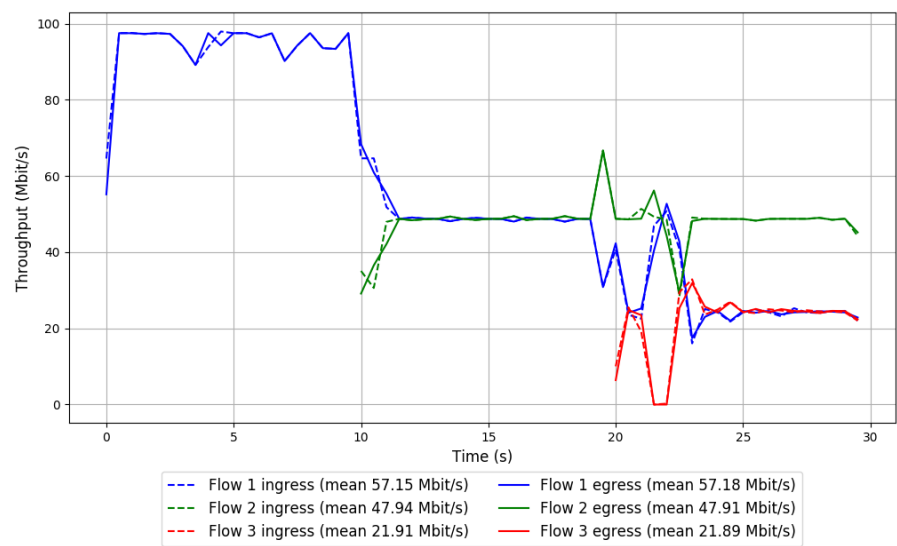


Run 1: Statistics of Verus

Start at: 2018-01-09 23:45:33
End at: 2018-01-09 23:46:03
Local clock offset: 3.202 ms
Remote clock offset: -19.052 ms

Below is generated by plot.py at 2018-01-10 06:06:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.29 Mbit/s
95th percentile per-packet one-way delay: 81.923 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 57.18 Mbit/s
95th percentile per-packet one-way delay: 81.701 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 47.91 Mbit/s
95th percentile per-packet one-way delay: 59.851 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 21.89 Mbit/s
95th percentile per-packet one-way delay: 82.399 ms
Loss rate: 0.76%

Run 1: Report of Verus — Data Link

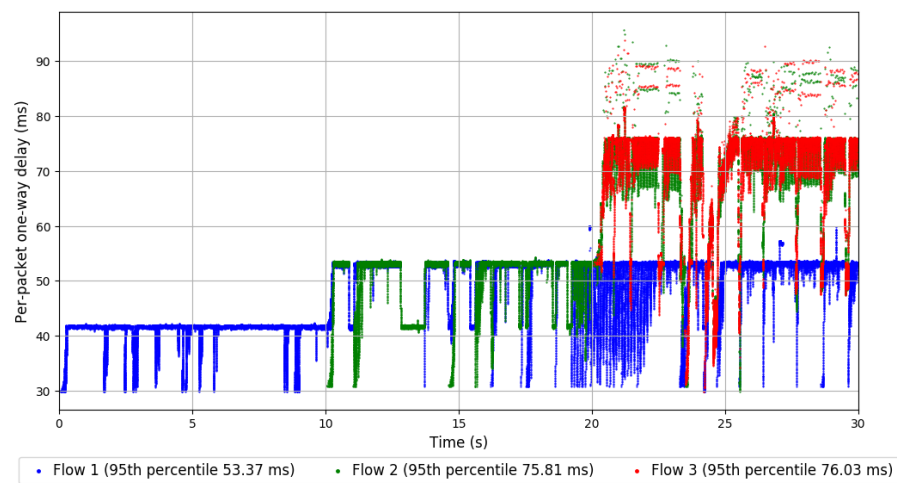
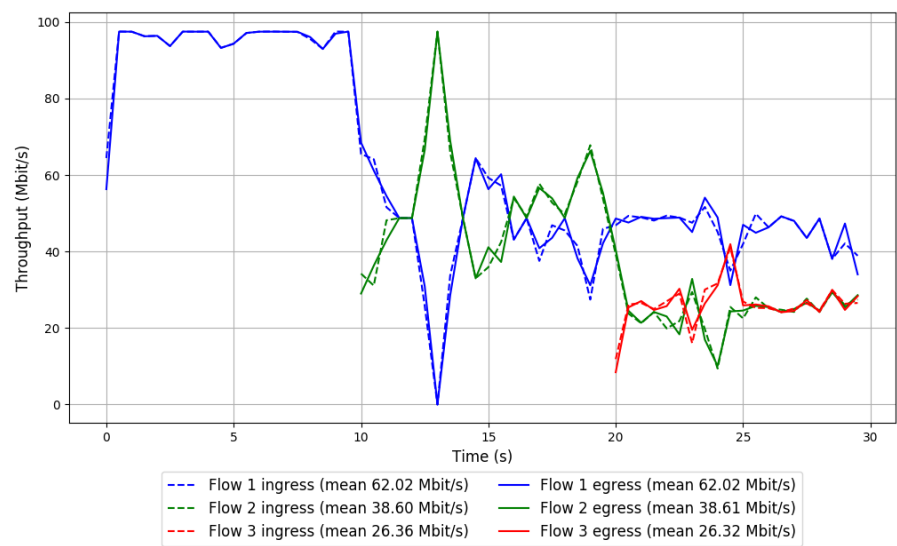


Run 2: Statistics of Verus

Start at: 2018-01-10 00:03:15
End at: 2018-01-10 00:03:45
Local clock offset: -0.297 ms
Remote clock offset: -16.043 ms

Below is generated by plot.py at 2018-01-10 06:06:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.42 Mbit/s
95th percentile per-packet one-way delay: 75.369 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 62.02 Mbit/s
95th percentile per-packet one-way delay: 53.367 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 38.61 Mbit/s
95th percentile per-packet one-way delay: 75.813 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 26.32 Mbit/s
95th percentile per-packet one-way delay: 76.026 ms
Loss rate: 0.66%

Run 2: Report of Verus — Data Link

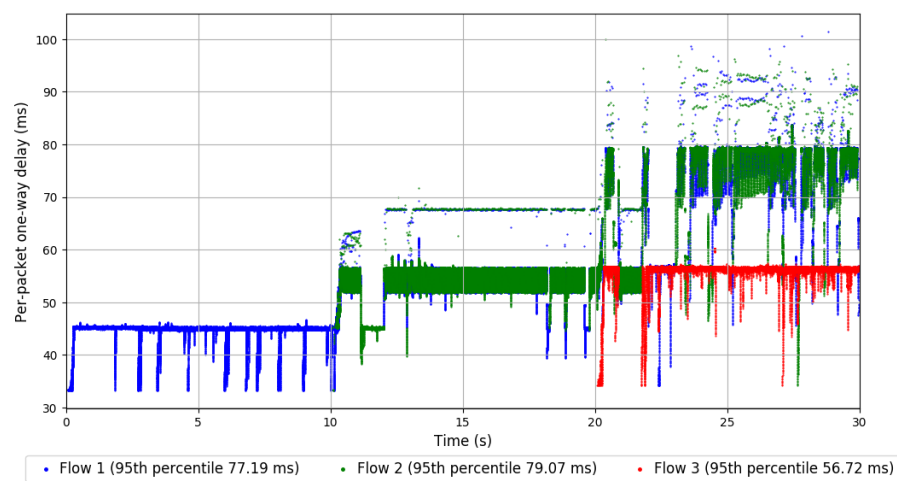
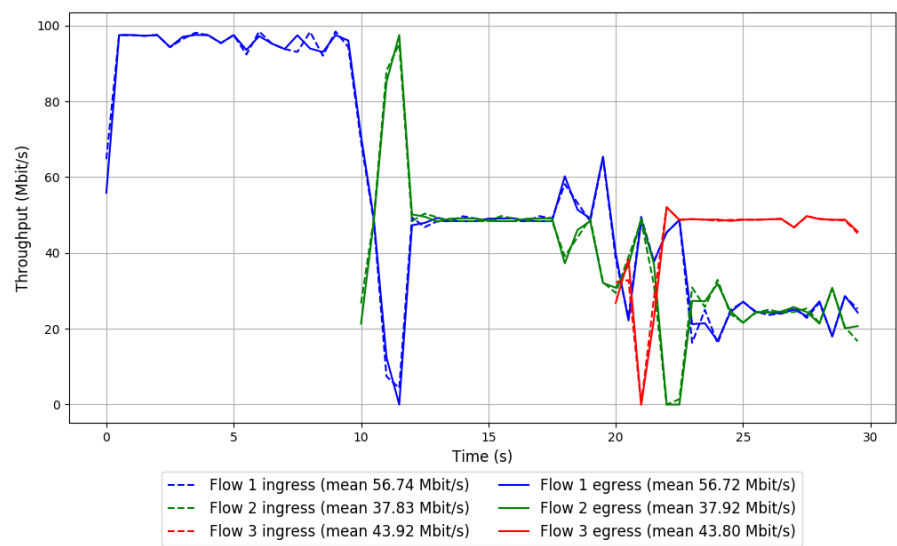


Run 3: Statistics of Verus

Start at: 2018-01-10 00:20:59
End at: 2018-01-10 00:21:29
Local clock offset: -2.554 ms
Remote clock offset: -21.735 ms

Below is generated by plot.py at 2018-01-10 06:07:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.37 Mbit/s
95th percentile per-packet one-way delay: 78.049 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 56.72 Mbit/s
95th percentile per-packet one-way delay: 77.190 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 37.92 Mbit/s
95th percentile per-packet one-way delay: 79.067 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 43.80 Mbit/s
95th percentile per-packet one-way delay: 56.716 ms
Loss rate: 0.55%

Run 3: Report of Verus — Data Link

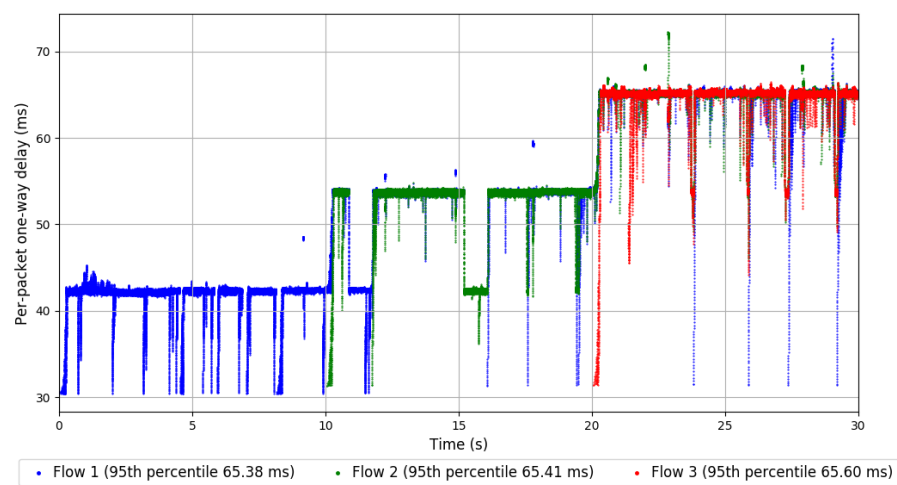
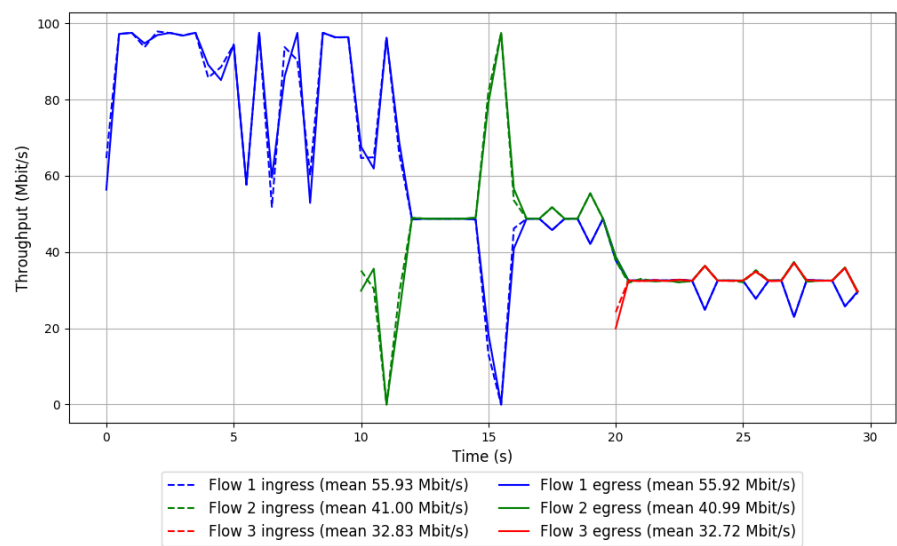


Run 4: Statistics of Verus

Start at: 2018-01-10 00:38:40
End at: 2018-01-10 00:39:10
Local clock offset: 0.162 ms
Remote clock offset: -15.341 ms

Below is generated by plot.py at 2018-01-10 06:07:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.05 Mbit/s
95th percentile per-packet one-way delay: 65.419 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 55.92 Mbit/s
95th percentile per-packet one-way delay: 65.376 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 40.99 Mbit/s
95th percentile per-packet one-way delay: 65.409 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 32.72 Mbit/s
95th percentile per-packet one-way delay: 65.598 ms
Loss rate: 0.61%

Run 4: Report of Verus — Data Link

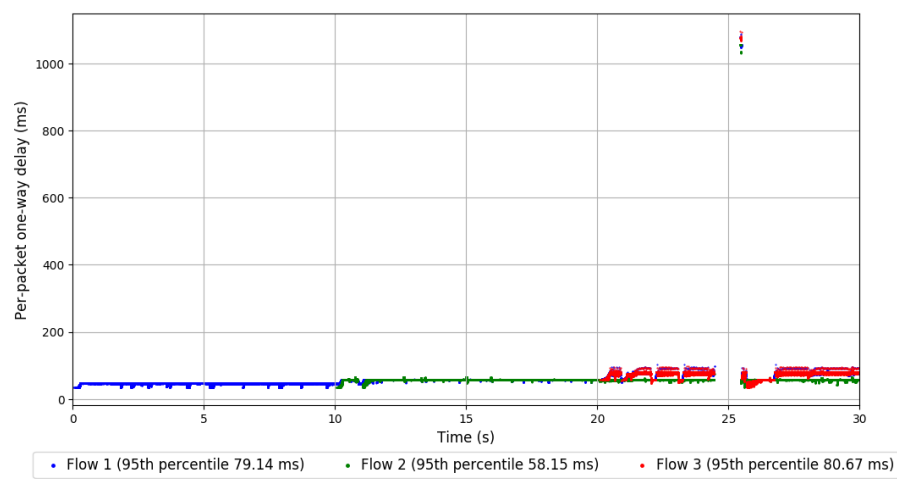
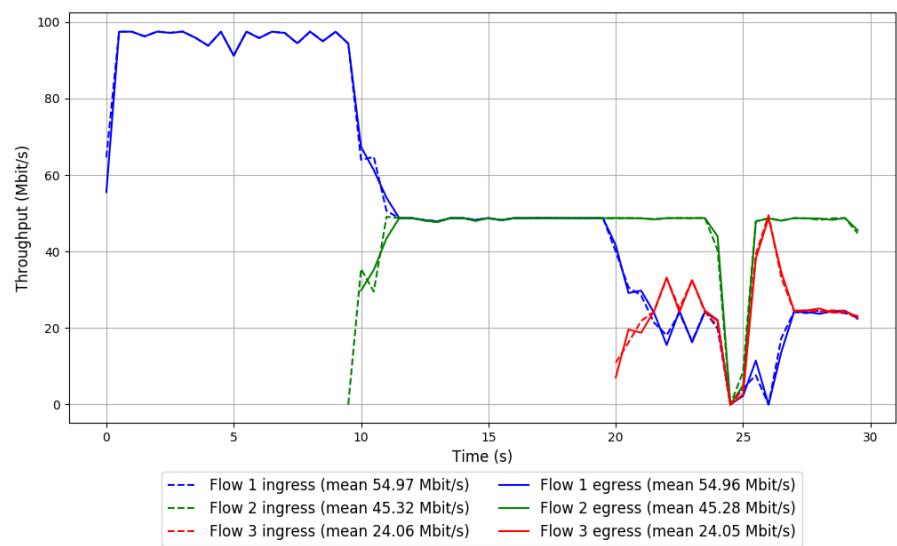


Run 5: Statistics of Verus

Start at: 2018-01-10 00:56:31
End at: 2018-01-10 00:57:01
Local clock offset: 2.014 ms
Remote clock offset: -16.448 ms

Below is generated by plot.py at 2018-01-10 06:08:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.07 Mbit/s
95th percentile per-packet one-way delay: 79.959 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 54.96 Mbit/s
95th percentile per-packet one-way delay: 79.136 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 45.28 Mbit/s
95th percentile per-packet one-way delay: 58.150 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 24.05 Mbit/s
95th percentile per-packet one-way delay: 80.671 ms
Loss rate: 0.70%

Run 5: Report of Verus — Data Link

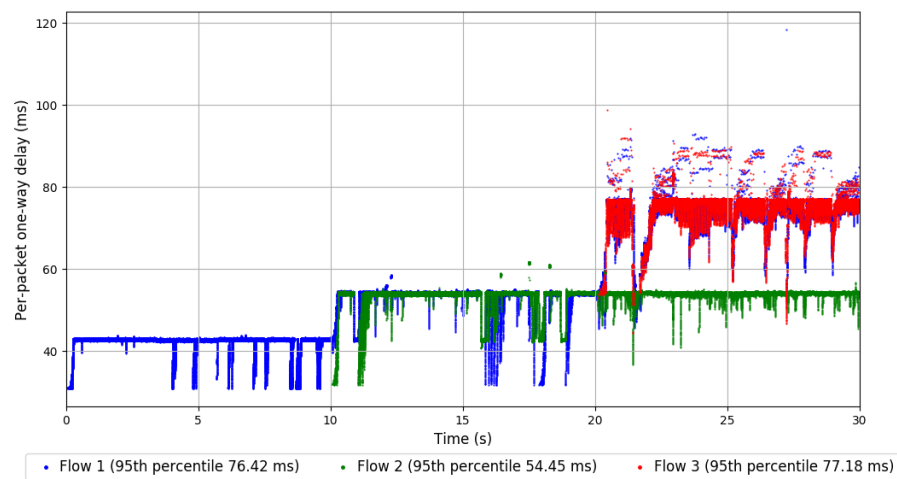
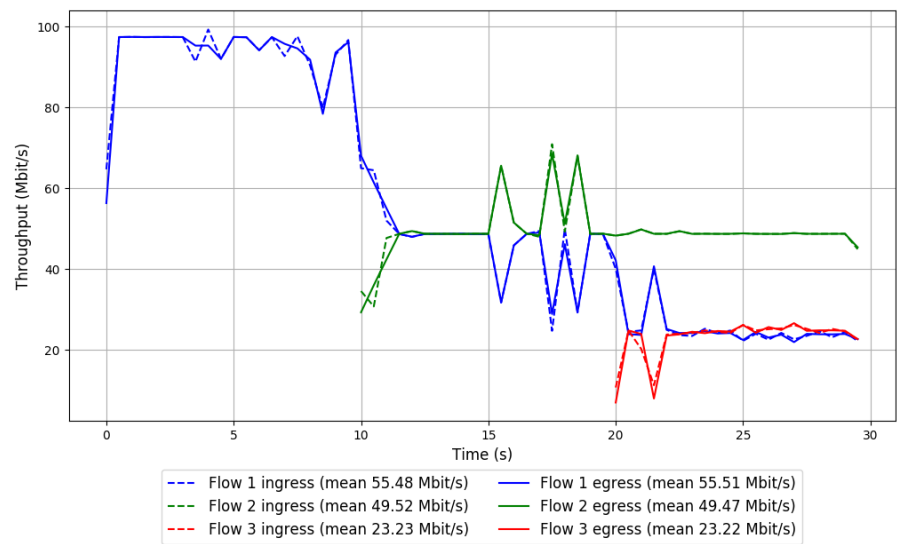


Run 6: Statistics of Verus

Start at: 2018-01-10 01:14:05
End at: 2018-01-10 01:14:35
Local clock offset: 0.548 ms
Remote clock offset: -14.272 ms

Below is generated by plot.py at 2018-01-10 06:08:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.10 Mbit/s
95th percentile per-packet one-way delay: 76.625 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 55.51 Mbit/s
95th percentile per-packet one-way delay: 76.424 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 49.47 Mbit/s
95th percentile per-packet one-way delay: 54.454 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 23.22 Mbit/s
95th percentile per-packet one-way delay: 77.181 ms
Loss rate: 0.75%

Run 6: Report of Verus — Data Link

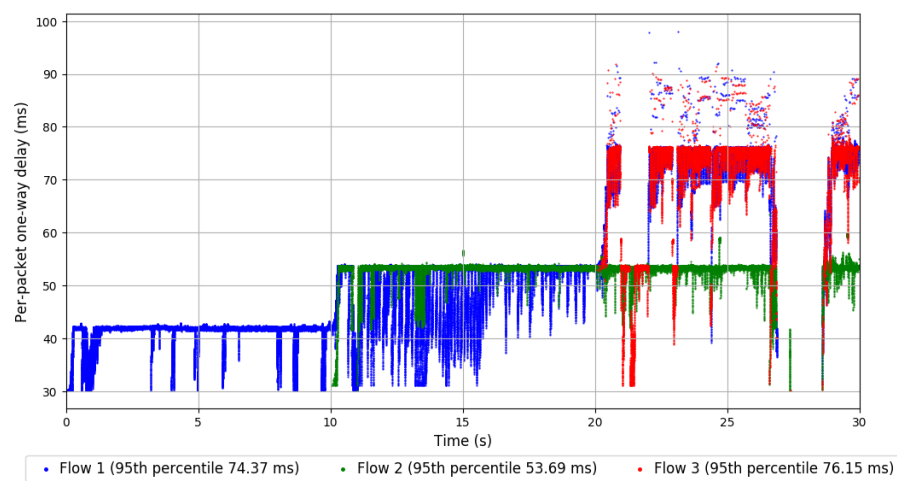
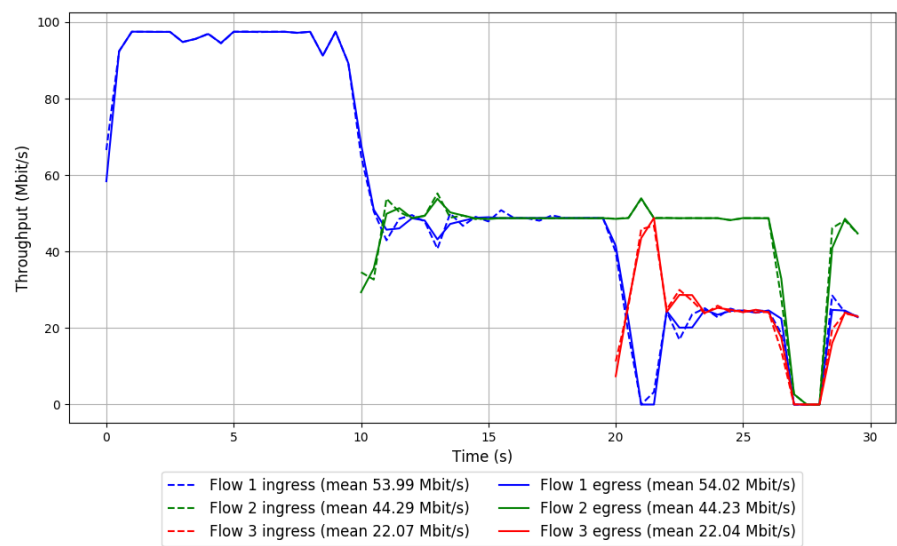


Run 7: Statistics of Verus

Start at: 2018-01-10 01:31:40
End at: 2018-01-10 01:32:10
Local clock offset: 1.437 ms
Remote clock offset: -14.072 ms

Below is generated by plot.py at 2018-01-10 06:08:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.72 Mbit/s
95th percentile per-packet one-way delay: 75.124 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 54.02 Mbit/s
95th percentile per-packet one-way delay: 74.370 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 44.23 Mbit/s
95th percentile per-packet one-way delay: 53.686 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 22.04 Mbit/s
95th percentile per-packet one-way delay: 76.152 ms
Loss rate: 0.80%

Run 7: Report of Verus — Data Link

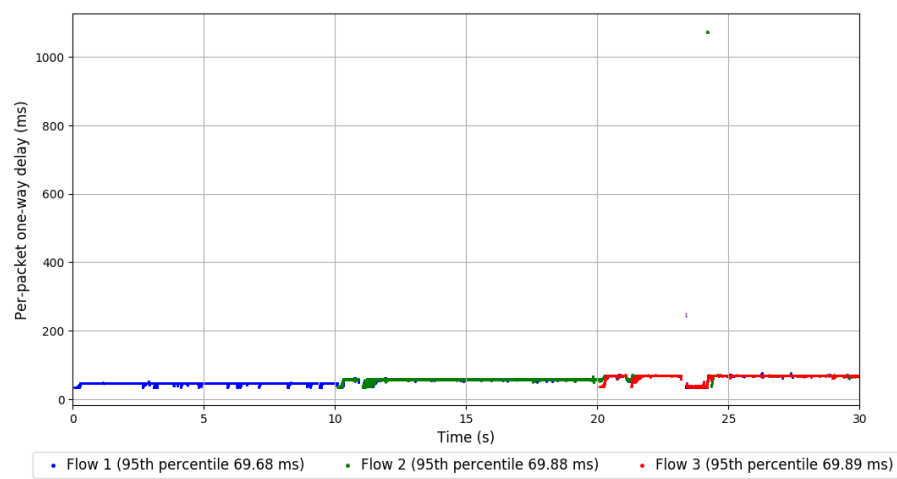
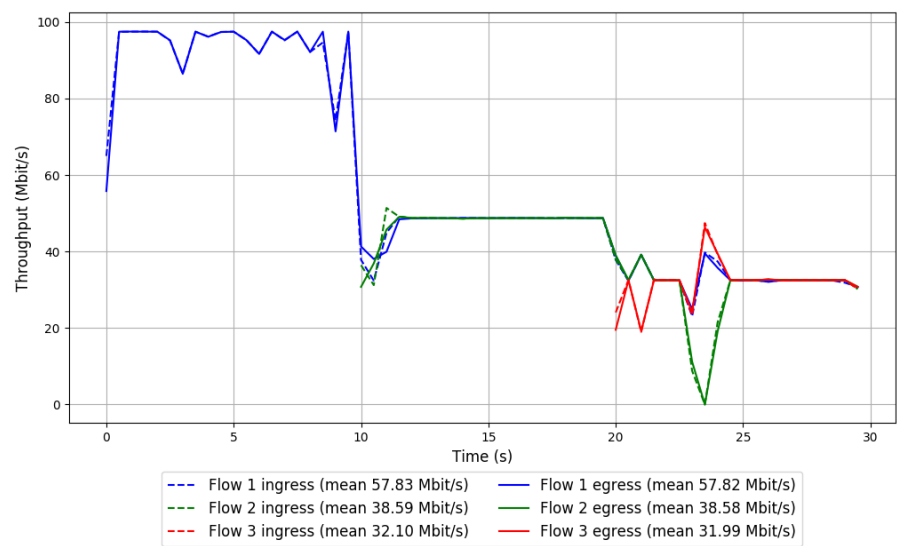


Run 8: Statistics of Verus

Start at: 2018-01-10 01:49:43
End at: 2018-01-10 01:50:13
Local clock offset: 3.362 ms
Remote clock offset: -15.885 ms

Below is generated by plot.py at 2018-01-10 06:08:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.09 Mbit/s
95th percentile per-packet one-way delay: 69.832 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 57.82 Mbit/s
95th percentile per-packet one-way delay: 69.684 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 38.58 Mbit/s
95th percentile per-packet one-way delay: 69.884 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 31.99 Mbit/s
95th percentile per-packet one-way delay: 69.891 ms
Loss rate: 0.62%

Run 8: Report of Verus — Data Link

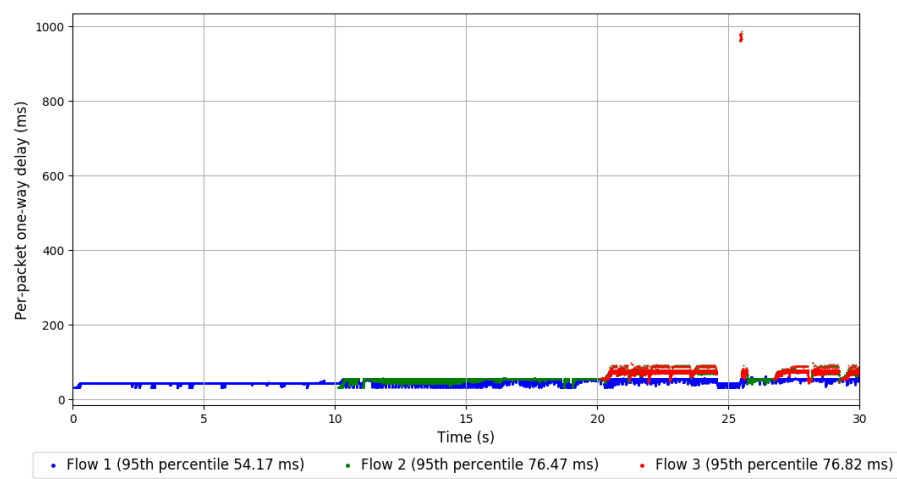
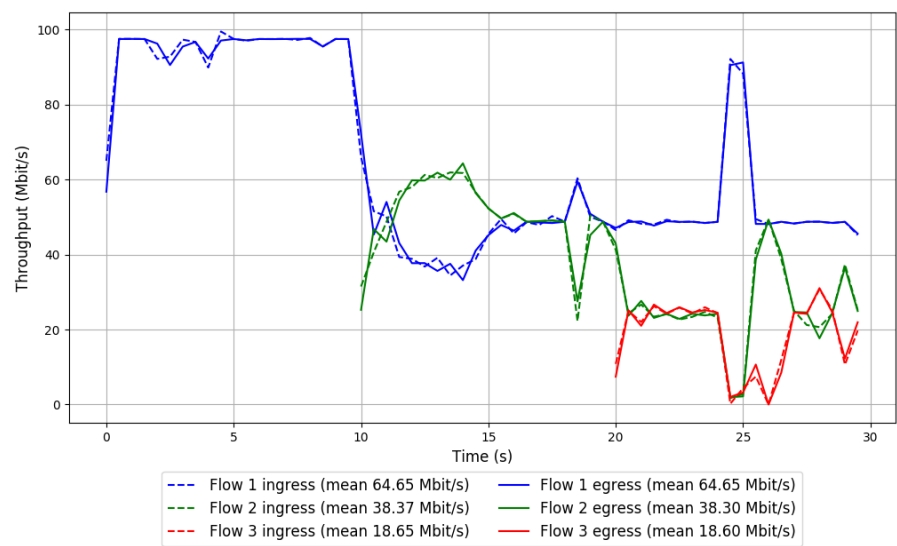


Run 9: Statistics of Verus

Start at: 2018-01-10 02:07:57
End at: 2018-01-10 02:08:27
Local clock offset: 1.438 ms
Remote clock offset: -14.071 ms

Below is generated by plot.py at 2018-01-10 06:09:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.23 Mbit/s
95th percentile per-packet one-way delay: 75.564 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 64.65 Mbit/s
95th percentile per-packet one-way delay: 54.171 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 38.30 Mbit/s
95th percentile per-packet one-way delay: 76.471 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 18.60 Mbit/s
95th percentile per-packet one-way delay: 76.822 ms
Loss rate: 0.00%

Run 9: Report of Verus — Data Link

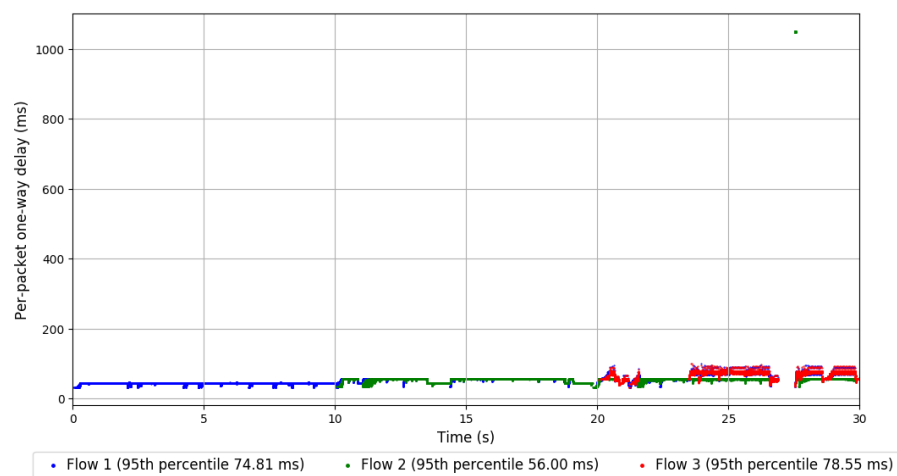
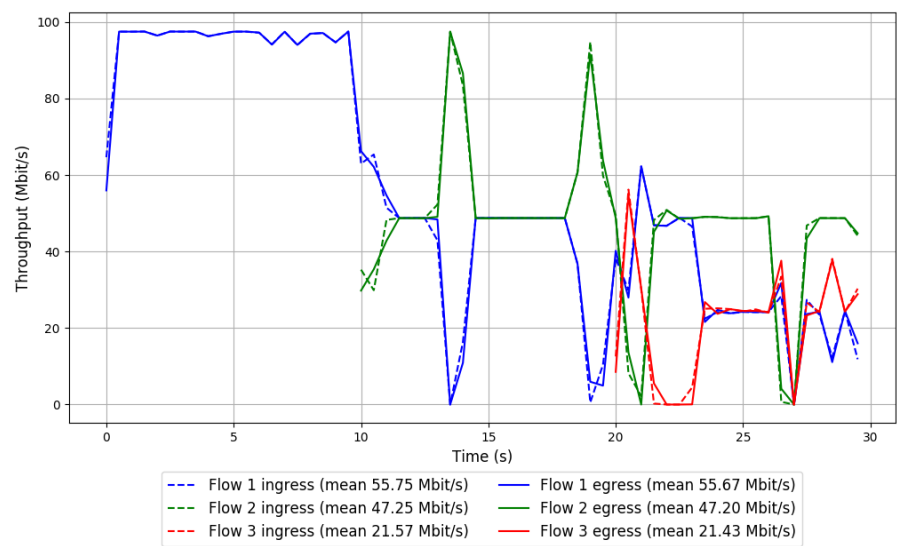


Run 10: Statistics of Verus

Start at: 2018-01-10 02:25:40
End at: 2018-01-10 02:26:10
Local clock offset: 1.988 ms
Remote clock offset: -15.927 ms

Below is generated by plot.py at 2018-01-10 06:09:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.91 Mbit/s
95th percentile per-packet one-way delay: 76.289 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 55.67 Mbit/s
95th percentile per-packet one-way delay: 74.809 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 47.20 Mbit/s
95th percentile per-packet one-way delay: 56.001 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 21.43 Mbit/s
95th percentile per-packet one-way delay: 78.548 ms
Loss rate: 1.12%

Run 10: Report of Verus — Data Link

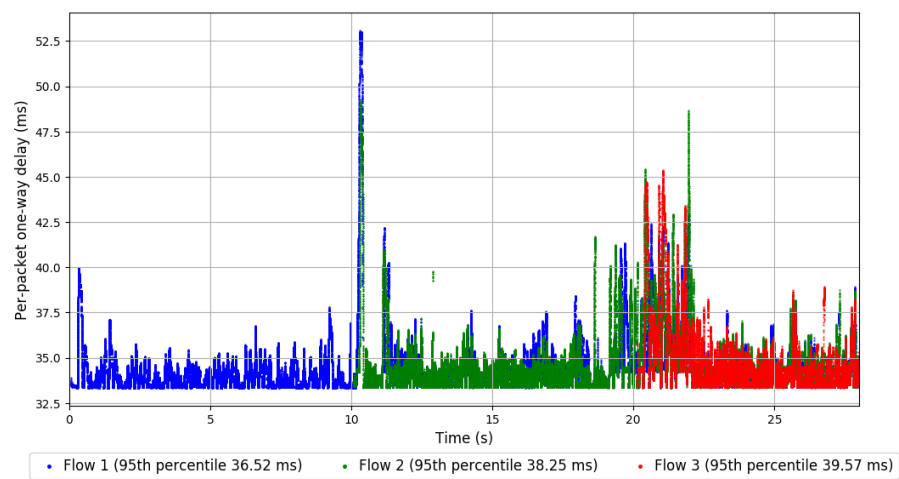
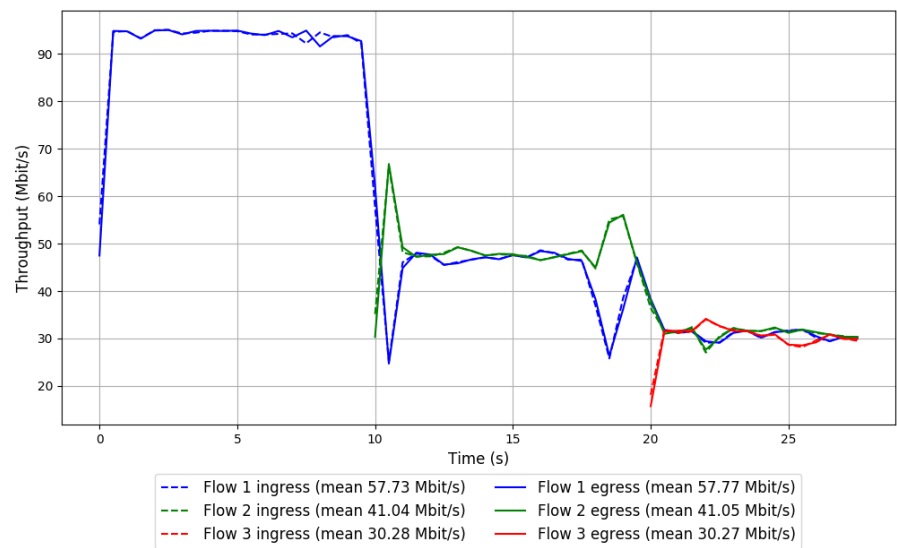


Run 1: Statistics of Copa

Start at: 2018-01-09 23:40:46
End at: 2018-01-09 23:41:16
Local clock offset: 2.892 ms
Remote clock offset: -16.475 ms

Below is generated by plot.py at 2018-01-10 06:11:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.68 Mbit/s
95th percentile per-packet one-way delay: 37.296 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 57.77 Mbit/s
95th percentile per-packet one-way delay: 36.523 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 41.05 Mbit/s
95th percentile per-packet one-way delay: 38.247 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 30.27 Mbit/s
95th percentile per-packet one-way delay: 39.570 ms
Loss rate: 0.36%

Run 1: Report of Copa — Data Link

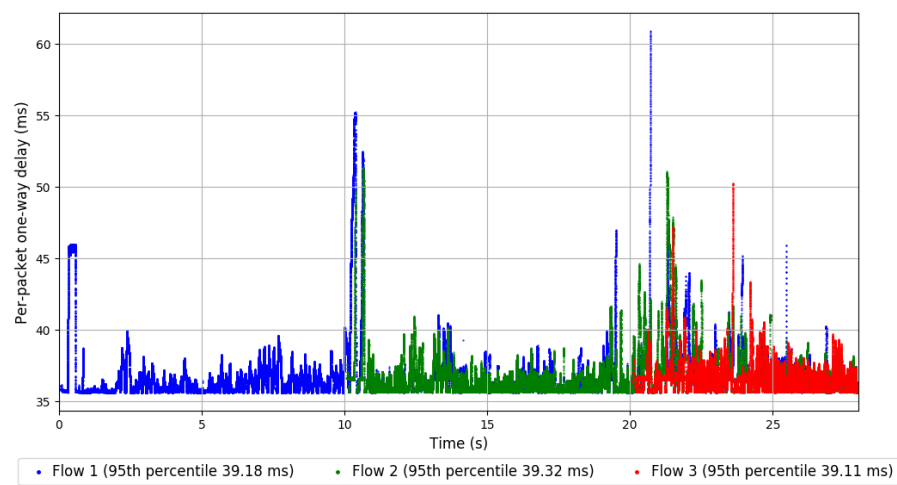
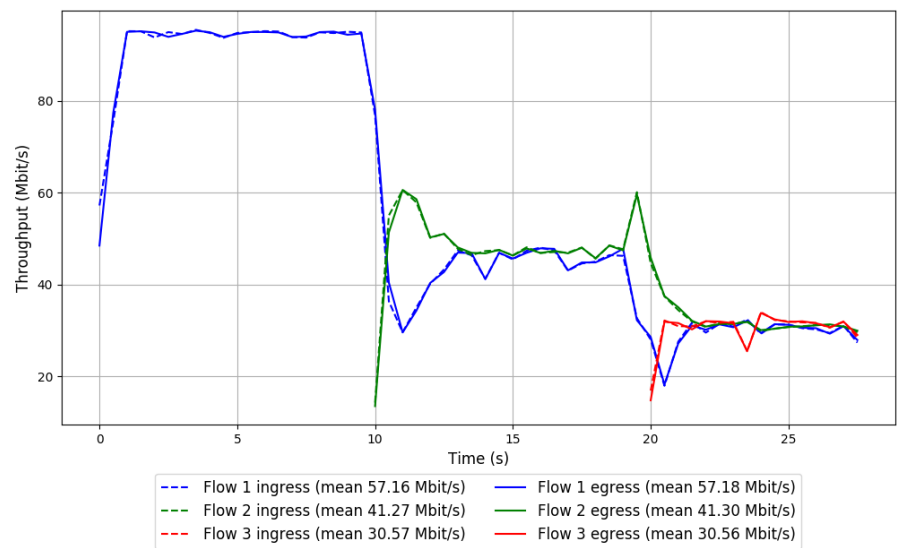


Run 2: Statistics of Copa

Start at: 2018-01-09 23:58:35
End at: 2018-01-09 23:59:05
Local clock offset: 3.839 ms
Remote clock offset: -17.595 ms

Below is generated by plot.py at 2018-01-10 06:11:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.31 Mbit/s
95th percentile per-packet one-way delay: 39.205 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 57.18 Mbit/s
95th percentile per-packet one-way delay: 39.176 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 41.30 Mbit/s
95th percentile per-packet one-way delay: 39.319 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 30.56 Mbit/s
95th percentile per-packet one-way delay: 39.110 ms
Loss rate: 0.36%

Run 2: Report of Copa — Data Link

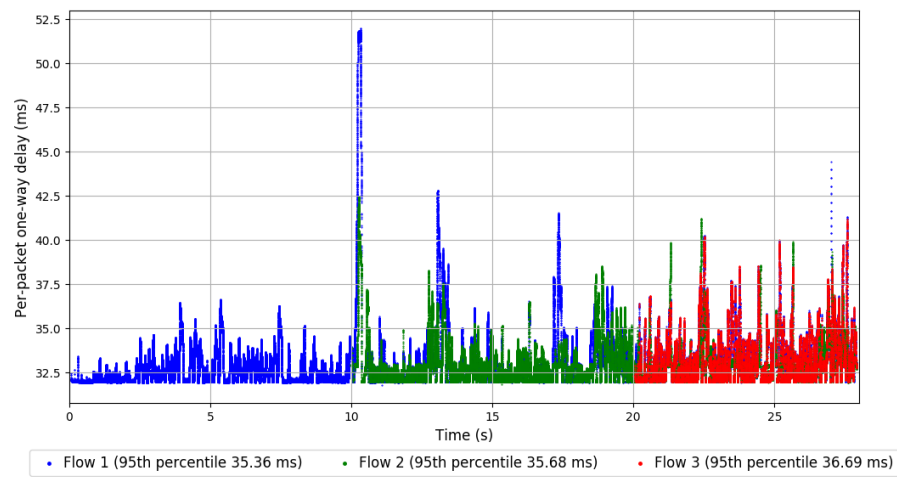
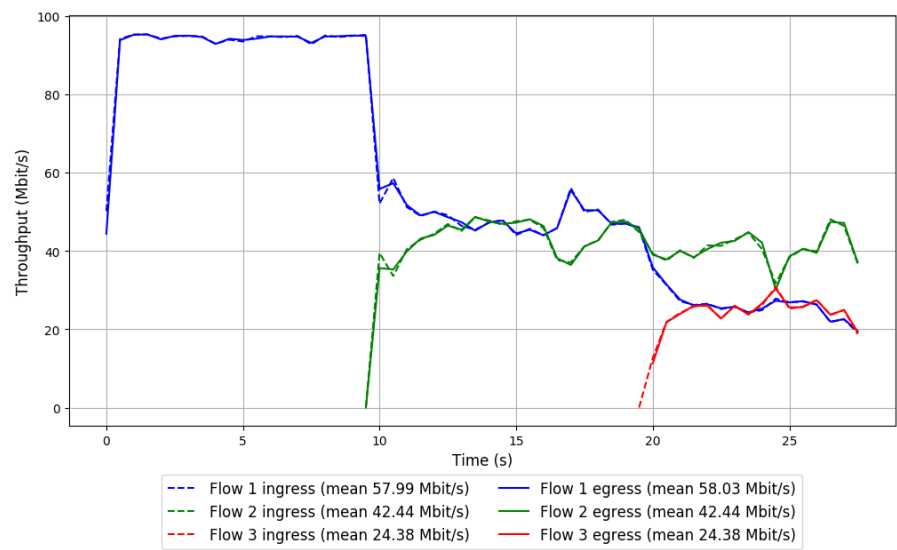


Run 3: Statistics of Copa

Start at: 2018-01-10 00:16:19
End at: 2018-01-10 00:16:49
Local clock offset: 0.336 ms
Remote clock offset: -17.559 ms

Below is generated by plot.py at 2018-01-10 06:12:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.23 Mbit/s
95th percentile per-packet one-way delay: 35.585 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 58.03 Mbit/s
95th percentile per-packet one-way delay: 35.363 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 42.44 Mbit/s
95th percentile per-packet one-way delay: 35.679 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 24.38 Mbit/s
95th percentile per-packet one-way delay: 36.686 ms
Loss rate: 0.32%

Run 3: Report of Copa — Data Link

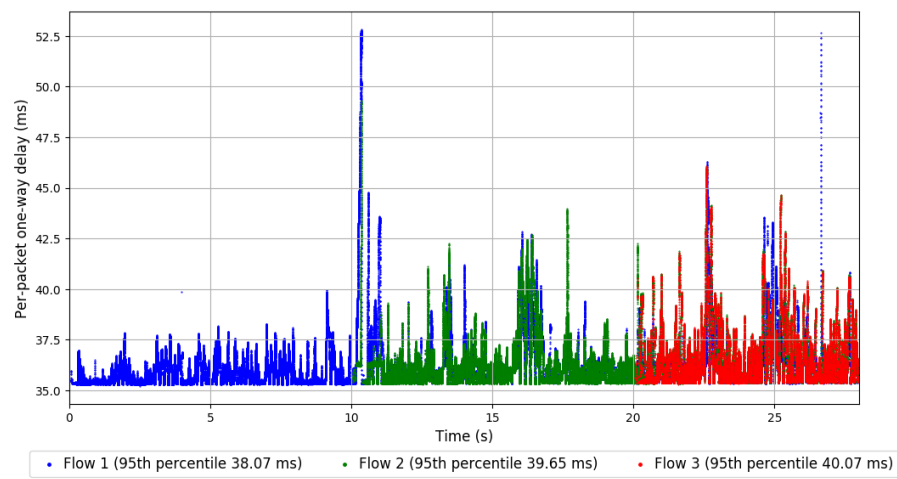
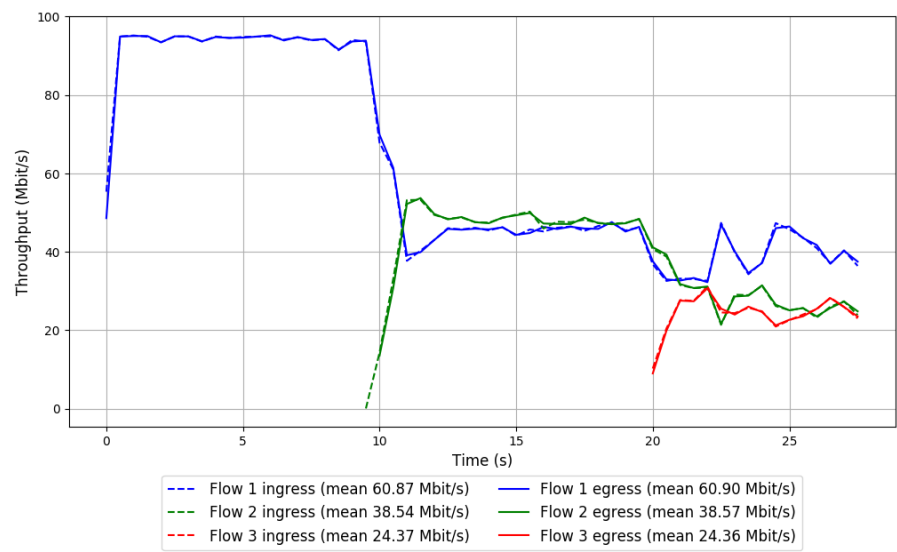


Run 4: Statistics of Copa

Start at: 2018-01-10 00:33:59
End at: 2018-01-10 00:34:29
Local clock offset: 3.201 ms
Remote clock offset: -17.81 ms

Below is generated by plot.py at 2018-01-10 06:12:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.55 Mbit/s
95th percentile per-packet one-way delay: 38.832 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 60.90 Mbit/s
95th percentile per-packet one-way delay: 38.072 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 38.57 Mbit/s
95th percentile per-packet one-way delay: 39.651 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 24.36 Mbit/s
95th percentile per-packet one-way delay: 40.074 ms
Loss rate: 0.38%

Run 4: Report of Copa — Data Link

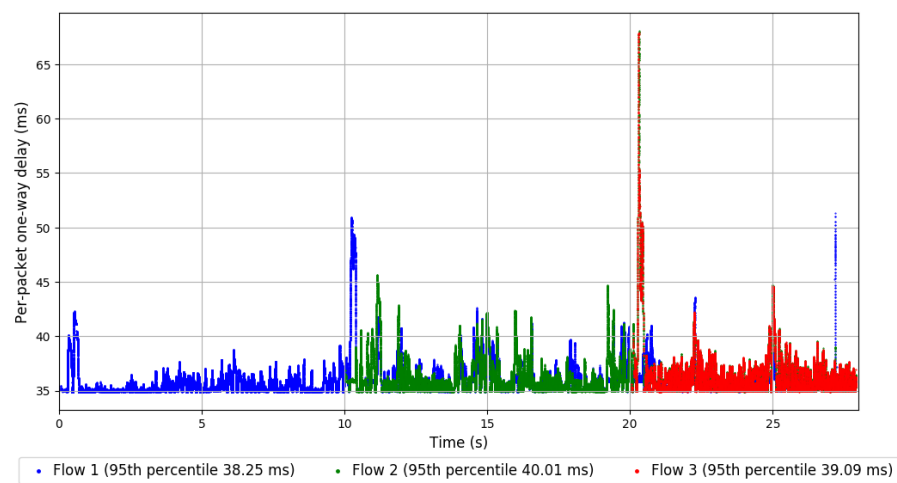
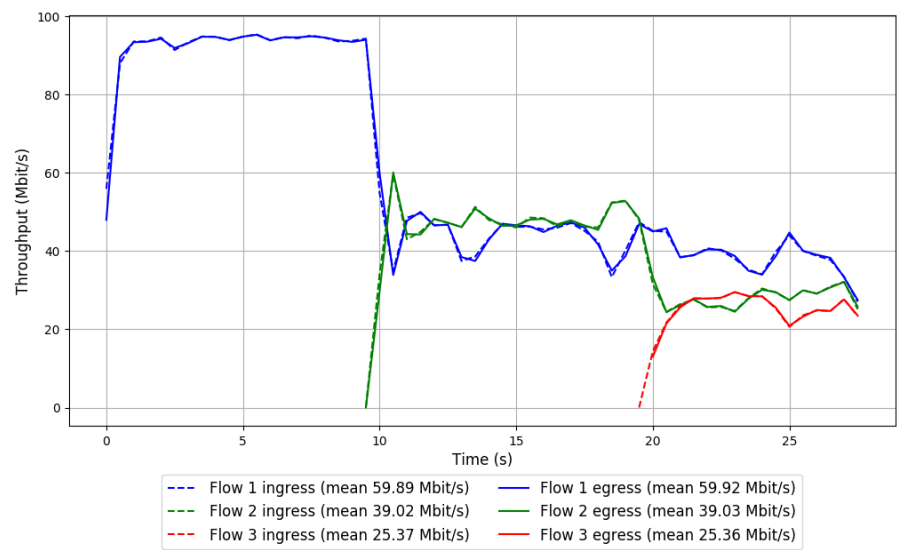


Run 5: Statistics of Copa

Start at: 2018-01-10 00:51:49
End at: 2018-01-10 00:52:19
Local clock offset: 3.954 ms
Remote clock offset: -15.035 ms

Below is generated by plot.py at 2018-01-10 06:12:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.20 Mbit/s
95th percentile per-packet one-way delay: 38.911 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 59.92 Mbit/s
95th percentile per-packet one-way delay: 38.247 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 39.03 Mbit/s
95th percentile per-packet one-way delay: 40.014 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 25.36 Mbit/s
95th percentile per-packet one-way delay: 39.093 ms
Loss rate: 0.42%

Run 5: Report of Copa — Data Link

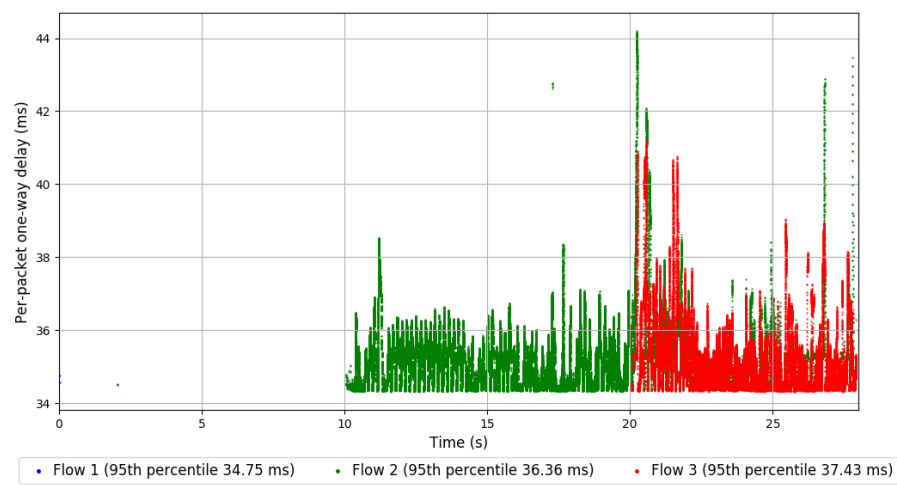
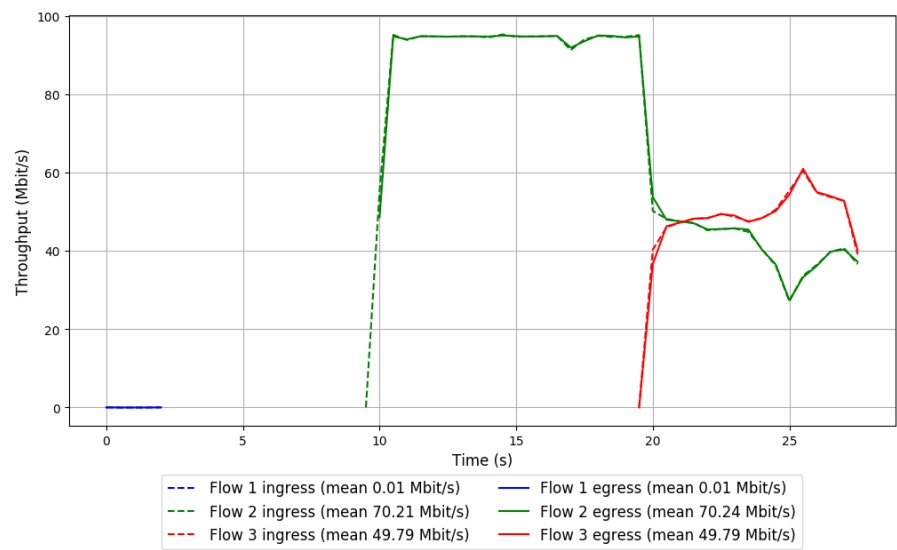


Run 6: Statistics of Copa

Start at: 2018-01-10 01:09:28
End at: 2018-01-10 01:09:58
Local clock offset: 2.879 ms
Remote clock offset: -15.285 ms

Below is generated by plot.py at 2018-01-10 06:12:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 59.23 Mbit/s
95th percentile per-packet one-way delay: 36.614 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 0.01 Mbit/s
95th percentile per-packet one-way delay: 34.751 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 70.24 Mbit/s
95th percentile per-packet one-way delay: 36.359 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 49.79 Mbit/s
95th percentile per-packet one-way delay: 37.431 ms
Loss rate: 0.32%

Run 6: Report of Copa — Data Link

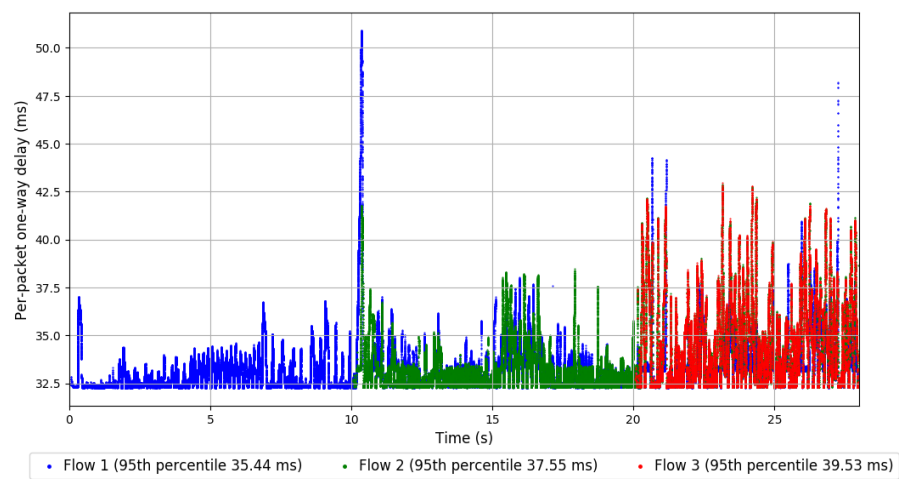
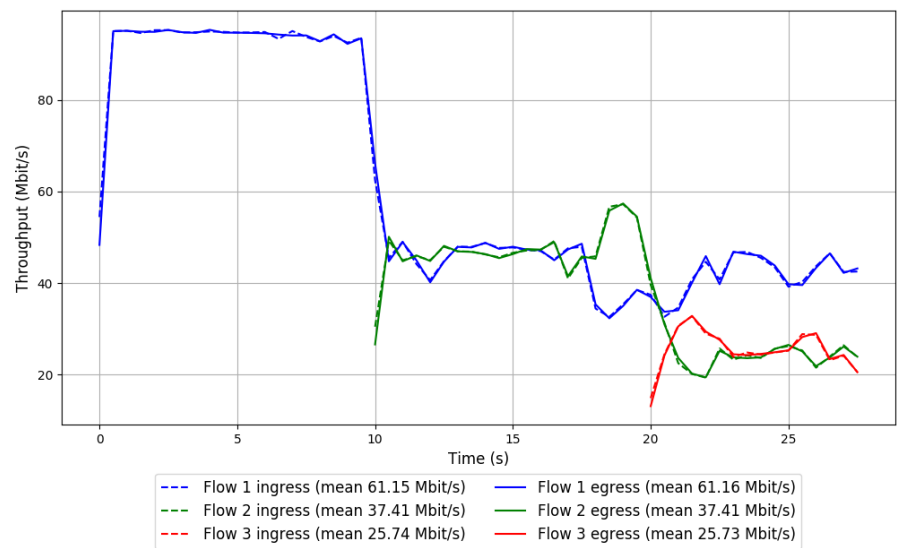


Run 7: Statistics of Copa

Start at: 2018-01-10 01:26:59
End at: 2018-01-10 01:27:29
Local clock offset: 1.519 ms
Remote clock offset: -14.875 ms

Below is generated by plot.py at 2018-01-10 06:13:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.43 Mbit/s
95th percentile per-packet one-way delay: 36.612 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 61.16 Mbit/s
95th percentile per-packet one-way delay: 35.442 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 37.41 Mbit/s
95th percentile per-packet one-way delay: 37.555 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 25.73 Mbit/s
95th percentile per-packet one-way delay: 39.533 ms
Loss rate: 0.37%

Run 7: Report of Copa — Data Link

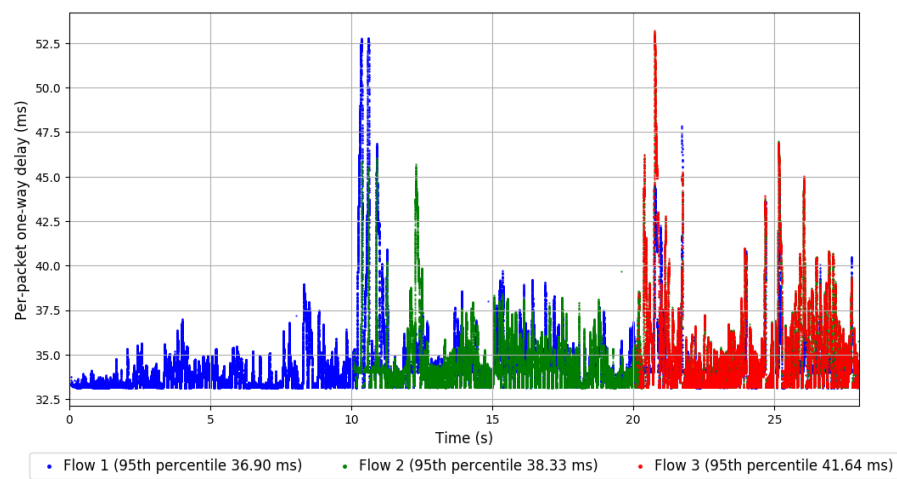
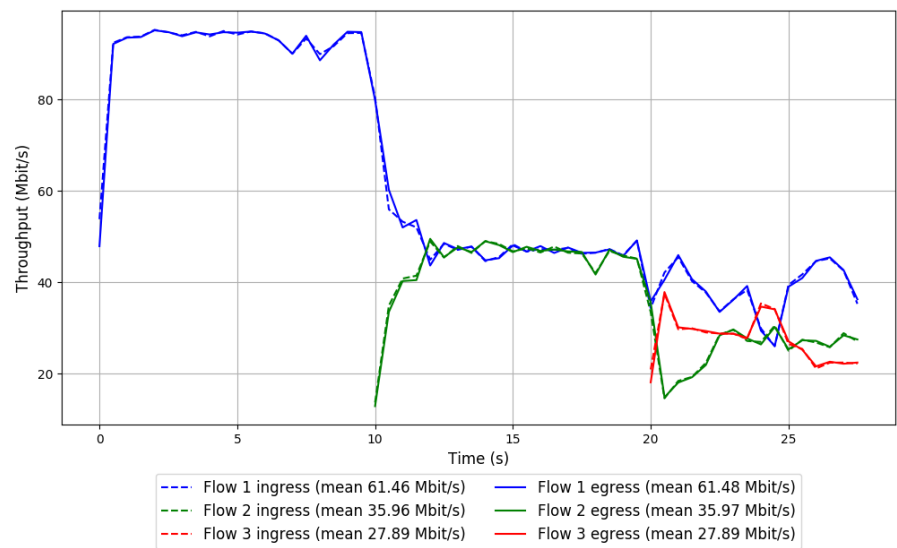


Run 8: Statistics of Copa

Start at: 2018-01-10 01:44:52
End at: 2018-01-10 01:45:22
Local clock offset: 3.6 ms
Remote clock offset: -14.953 ms

Below is generated by plot.py at 2018-01-10 06:13:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.43 Mbit/s
95th percentile per-packet one-way delay: 37.889 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 61.48 Mbit/s
95th percentile per-packet one-way delay: 36.896 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 35.97 Mbit/s
95th percentile per-packet one-way delay: 38.328 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 27.89 Mbit/s
95th percentile per-packet one-way delay: 41.644 ms
Loss rate: 0.32%

Run 8: Report of Copa — Data Link

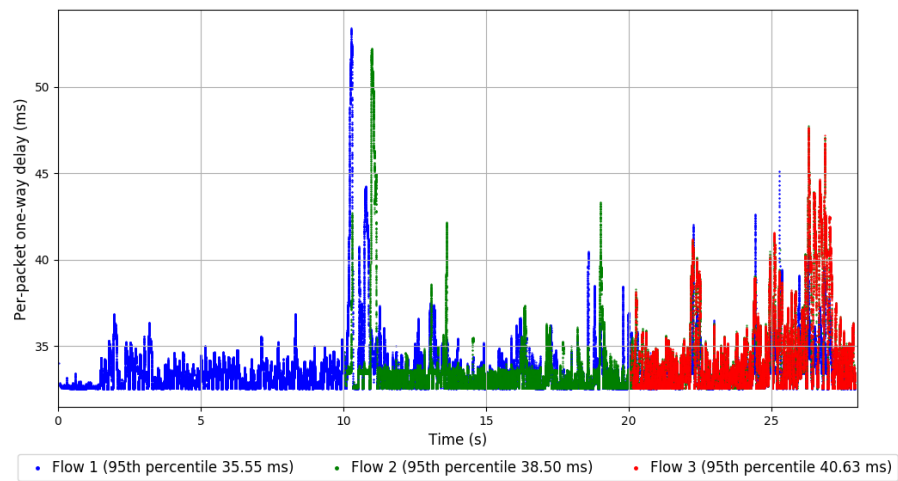
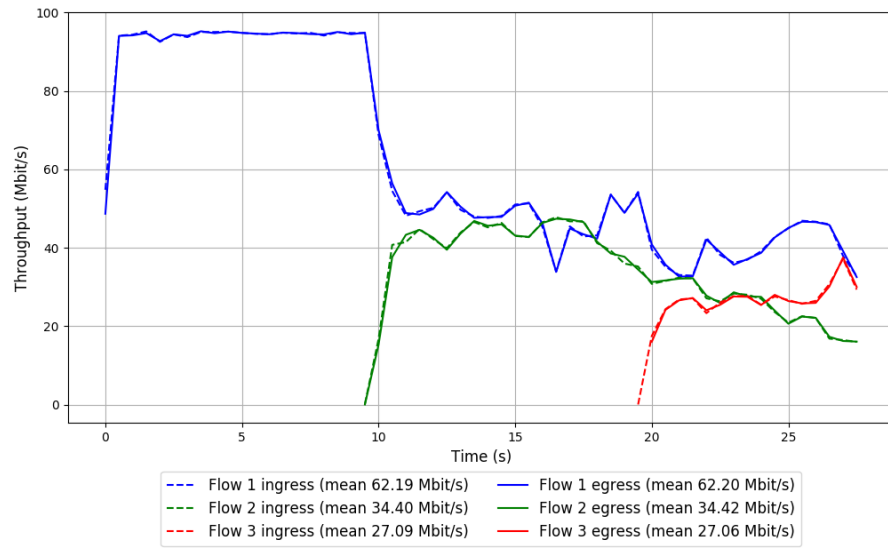


Run 9: Statistics of Copa

Start at: 2018-01-10 02:03:08
End at: 2018-01-10 02:03:38
Local clock offset: 1.81 ms
Remote clock offset: -15.405 ms

Below is generated by plot.py at 2018-01-10 06:15:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.00 Mbit/s
95th percentile per-packet one-way delay: 36.605 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 62.20 Mbit/s
95th percentile per-packet one-way delay: 35.546 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 34.42 Mbit/s
95th percentile per-packet one-way delay: 38.499 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 27.06 Mbit/s
95th percentile per-packet one-way delay: 40.628 ms
Loss rate: 0.44%

Run 9: Report of Copa — Data Link

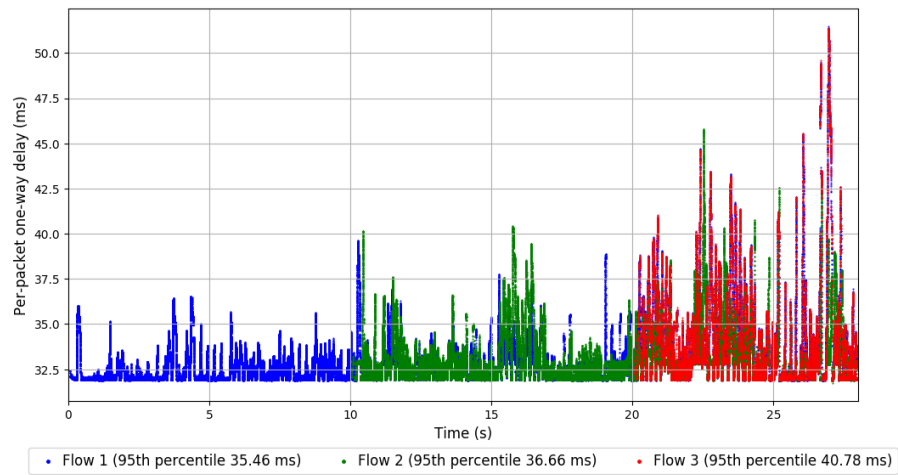
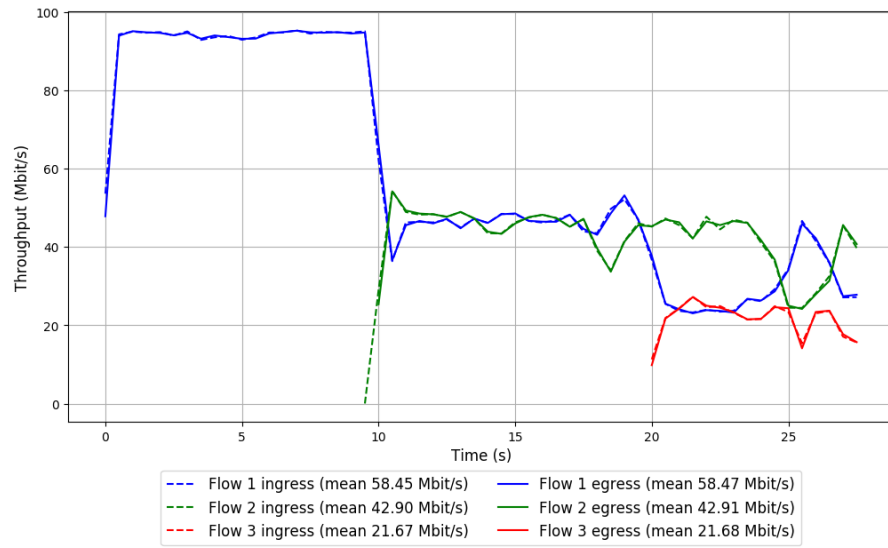


Run 10: Statistics of Copa

Start at: 2018-01-10 02:20:55
End at: 2018-01-10 02:21:25
Local clock offset: 0.79 ms
Remote clock offset: -16.377 ms

Below is generated by plot.py at 2018-01-10 06:15:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.15 Mbit/s
95th percentile per-packet one-way delay: 36.347 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 58.47 Mbit/s
95th percentile per-packet one-way delay: 35.458 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 42.91 Mbit/s
95th percentile per-packet one-way delay: 36.658 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 21.68 Mbit/s
95th percentile per-packet one-way delay: 40.783 ms
Loss rate: 0.30%

Run 10: Report of Copa — Data Link

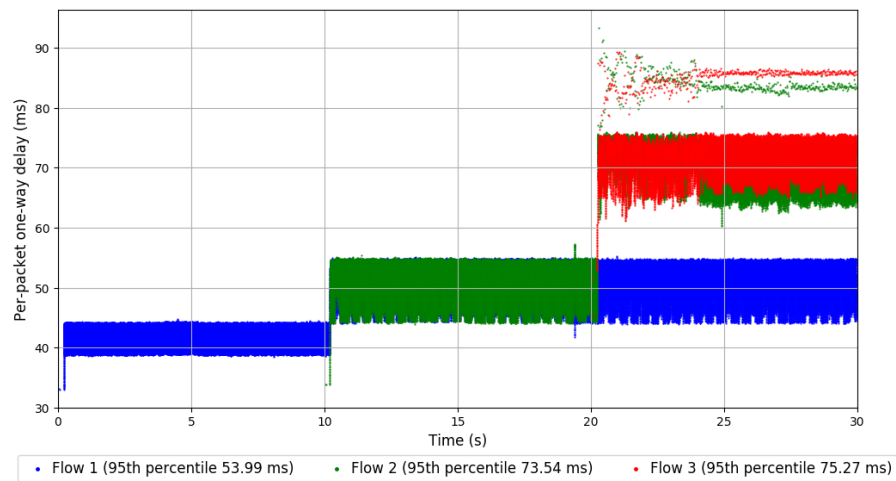
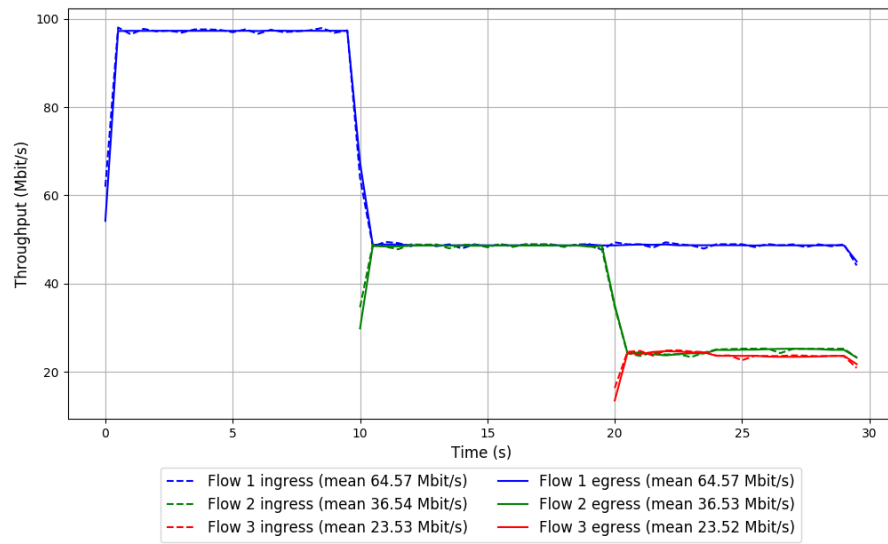


Run 1: Statistics of FillP

Start at: 2018-01-09 23:42:06
End at: 2018-01-09 23:42:36
Local clock offset: 0.911 ms
Remote clock offset: -18.148 ms

Below is generated by plot.py at 2018-01-10 06:15:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.65 Mbit/s
95th percentile per-packet one-way delay: 72.620 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 64.57 Mbit/s
95th percentile per-packet one-way delay: 53.993 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 36.53 Mbit/s
95th percentile per-packet one-way delay: 73.541 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 23.52 Mbit/s
95th percentile per-packet one-way delay: 75.270 ms
Loss rate: 0.60%

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2018-01-09 23:59:49

End at: 2018-01-10 00:00:19

Local clock offset: 2.106 ms

Remote clock offset: -17.152 ms

Run 2: Report of FillP — Data Link

Figure is missing

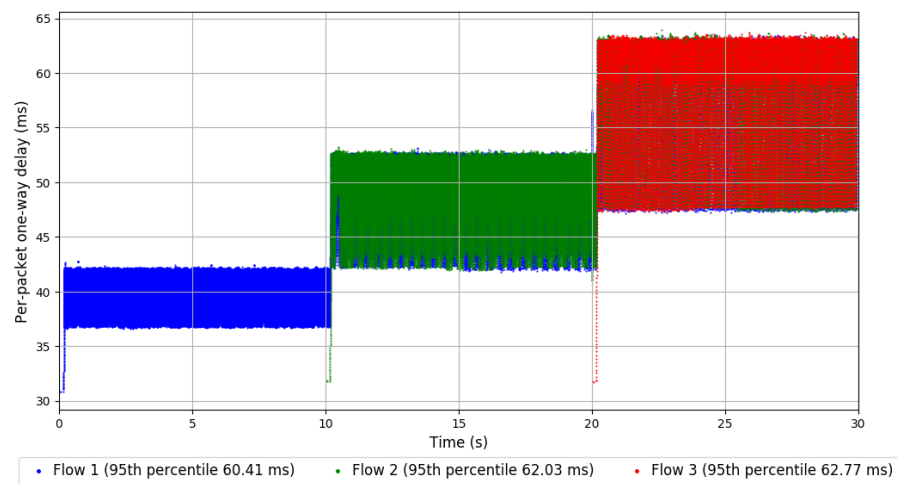
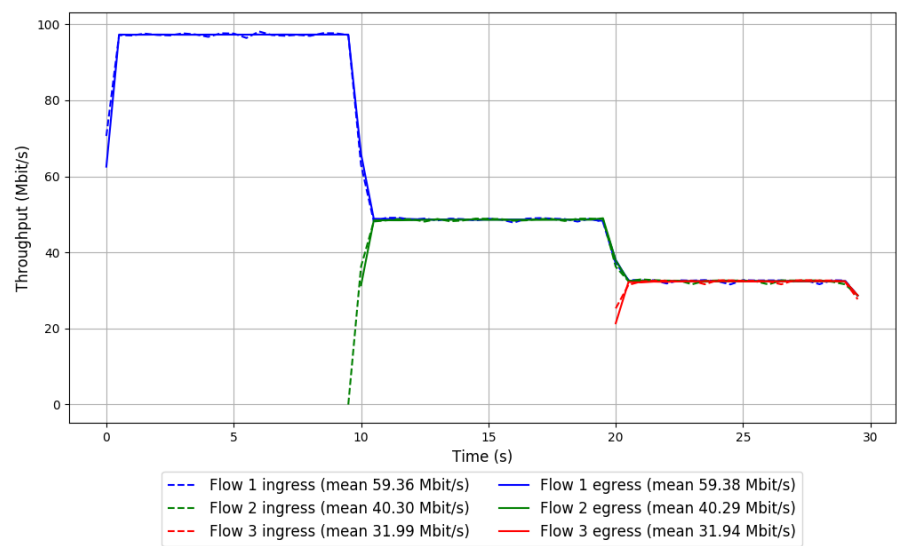
Figure is missing

Run 3: Statistics of FillP

Start at: 2018-01-10 00:17:33
End at: 2018-01-10 00:18:03
Local clock offset: -0.096 ms
Remote clock offset: -16.976 ms

Below is generated by plot.py at 2018-01-10 06:15:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.77 Mbit/s
95th percentile per-packet one-way delay: 61.749 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 59.38 Mbit/s
95th percentile per-packet one-way delay: 60.405 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 40.29 Mbit/s
95th percentile per-packet one-way delay: 62.033 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 31.94 Mbit/s
95th percentile per-packet one-way delay: 62.767 ms
Loss rate: 0.45%

Run 3: Report of FillP — Data Link

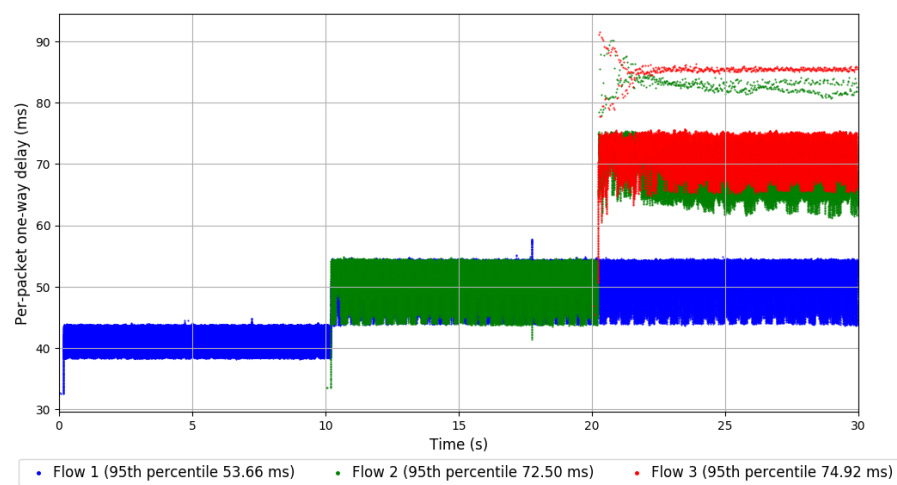
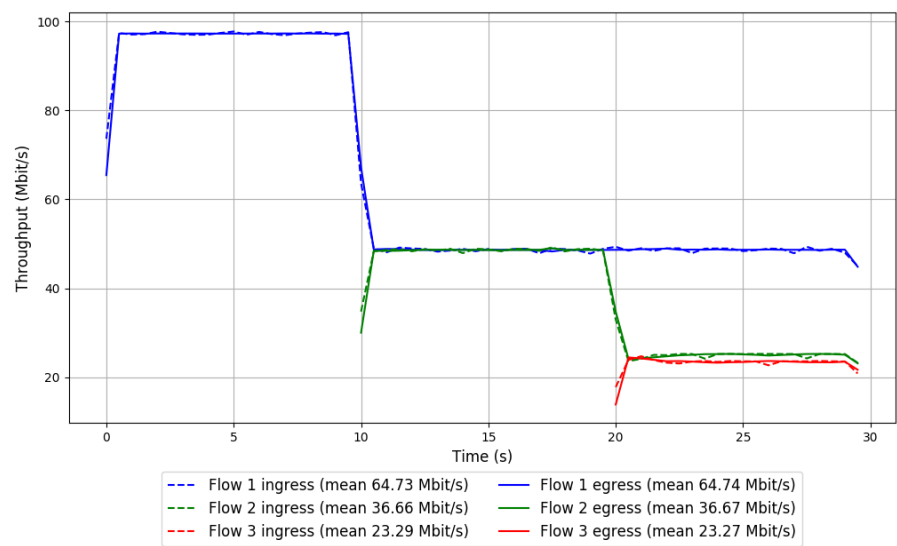


Run 4: Statistics of FillP

Start at: 2018-01-10 00:35:14
End at: 2018-01-10 00:35:44
Local clock offset: 1.153 ms
Remote clock offset: -17.019 ms

Below is generated by plot.py at 2018-01-10 06:15:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.83 Mbit/s
95th percentile per-packet one-way delay: 72.000 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 64.74 Mbit/s
95th percentile per-packet one-way delay: 53.660 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 36.67 Mbit/s
95th percentile per-packet one-way delay: 72.503 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 23.27 Mbit/s
95th percentile per-packet one-way delay: 74.920 ms
Loss rate: 0.63%

Run 4: Report of FillP — Data Link

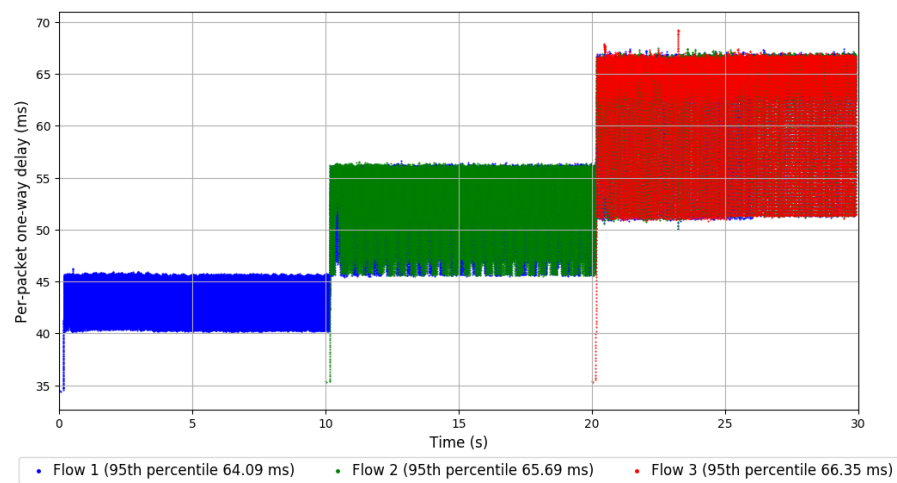
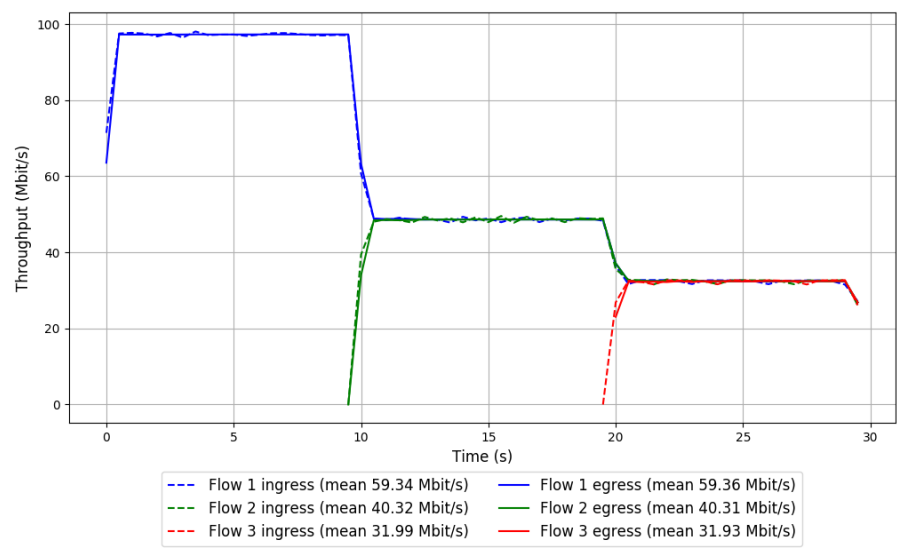


Run 5: Statistics of FillP

Start at: 2018-01-10 00:53:04
End at: 2018-01-10 00:53:34
Local clock offset: 2.627 ms
Remote clock offset: -15.956 ms

Below is generated by plot.py at 2018-01-10 06:15:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.80 Mbit/s
95th percentile per-packet one-way delay: 65.402 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 59.36 Mbit/s
95th percentile per-packet one-way delay: 64.094 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 40.31 Mbit/s
95th percentile per-packet one-way delay: 65.692 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 31.93 Mbit/s
95th percentile per-packet one-way delay: 66.350 ms
Loss rate: 0.52%

Run 5: Report of FillP — Data Link

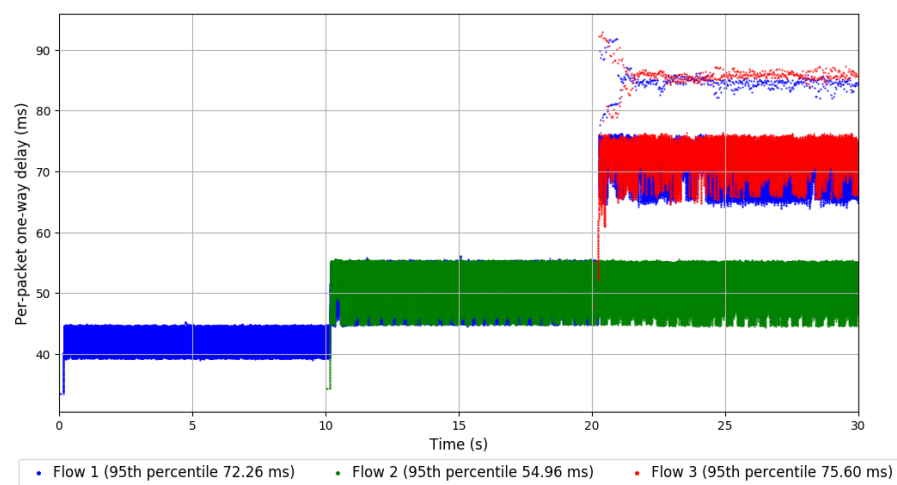
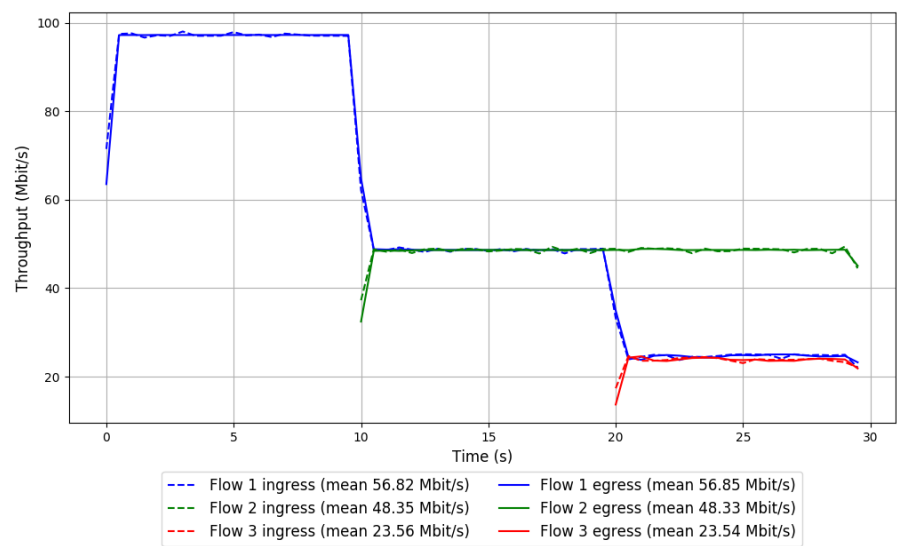


Run 6: Statistics of FillP

Start at: 2018-01-10 01:10:39
End at: 2018-01-10 01:11:09
Local clock offset: 2.656 ms
Remote clock offset: -14.771 ms

Below is generated by plot.py at 2018-01-10 06:16:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.81 Mbit/s
95th percentile per-packet one-way delay: 73.334 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 56.85 Mbit/s
95th percentile per-packet one-way delay: 72.263 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 48.33 Mbit/s
95th percentile per-packet one-way delay: 54.957 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 23.54 Mbit/s
95th percentile per-packet one-way delay: 75.596 ms
Loss rate: 0.63%

Run 6: Report of FillP — Data Link

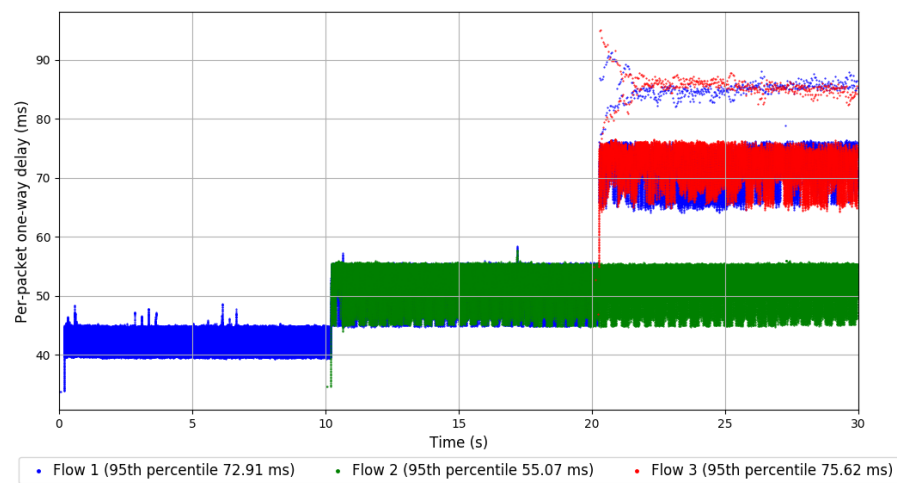
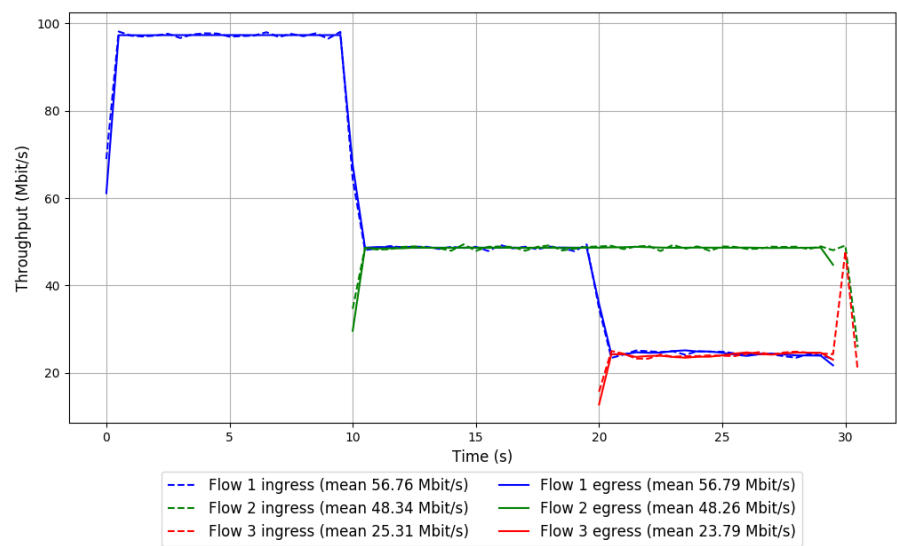


Run 7: Statistics of FillP

Start at: 2018-01-10 01:28:12
End at: 2018-01-10 01:28:42
Local clock offset: 3.225 ms
Remote clock offset: -14.656 ms

Below is generated by plot.py at 2018-01-10 06:16:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.77 Mbit/s
95th percentile per-packet one-way delay: 73.442 ms
Loss rate: 2.72%
-- Flow 1:
Average throughput: 56.79 Mbit/s
95th percentile per-packet one-way delay: 72.913 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 48.26 Mbit/s
95th percentile per-packet one-way delay: 55.074 ms
Loss rate: 4.17%
-- Flow 3:
Average throughput: 23.79 Mbit/s
95th percentile per-packet one-way delay: 75.617 ms
Loss rate: 13.51%

Run 7: Report of FillP — Data Link

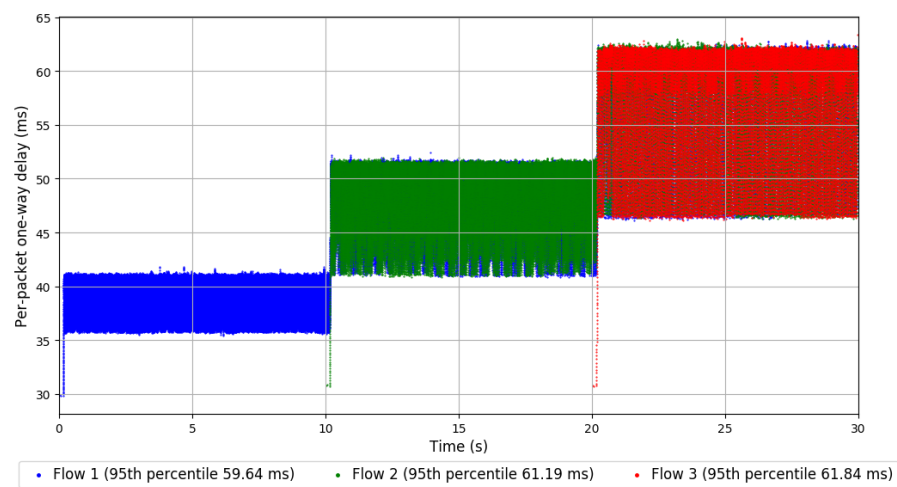
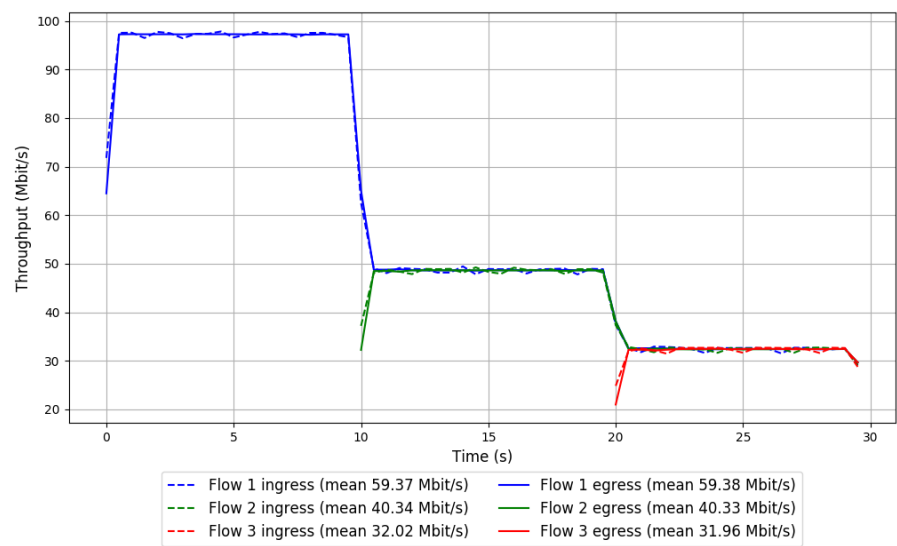


Run 8: Statistics of FillP

Start at: 2018-01-10 01:46:10
End at: 2018-01-10 01:46:40
Local clock offset: 0.405 ms
Remote clock offset: -14.964 ms

Below is generated by plot.py at 2018-01-10 06:17:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.80 Mbit/s
95th percentile per-packet one-way delay: 60.963 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 59.38 Mbit/s
95th percentile per-packet one-way delay: 59.641 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 40.33 Mbit/s
95th percentile per-packet one-way delay: 61.187 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 31.96 Mbit/s
95th percentile per-packet one-way delay: 61.836 ms
Loss rate: 0.43%

Run 8: Report of FillP — Data Link

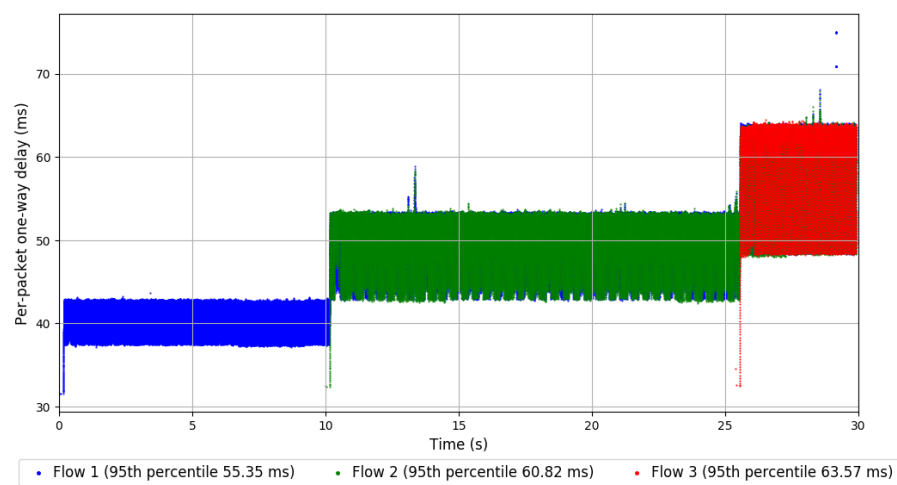
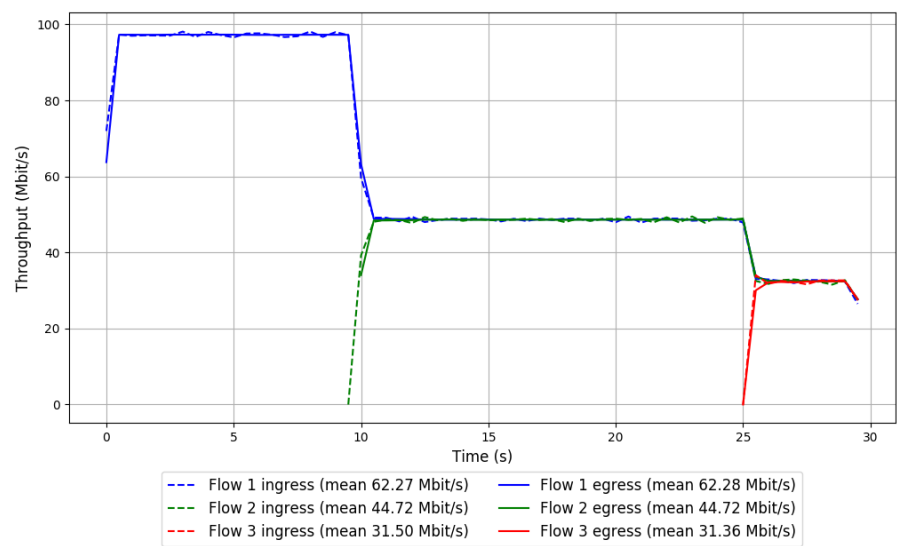


Run 9: Statistics of FillP

Start at: 2018-01-10 02:04:28
End at: 2018-01-10 02:04:58
Local clock offset: 0.921 ms
Remote clock offset: -15.385 ms

Below is generated by plot.py at 2018-01-10 06:18:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.79 Mbit/s
95th percentile per-packet one-way delay: 60.668 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 62.28 Mbit/s
95th percentile per-packet one-way delay: 55.354 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 44.72 Mbit/s
95th percentile per-packet one-way delay: 60.817 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 31.36 Mbit/s
95th percentile per-packet one-way delay: 63.571 ms
Loss rate: 1.23%

Run 9: Report of FillP — Data Link

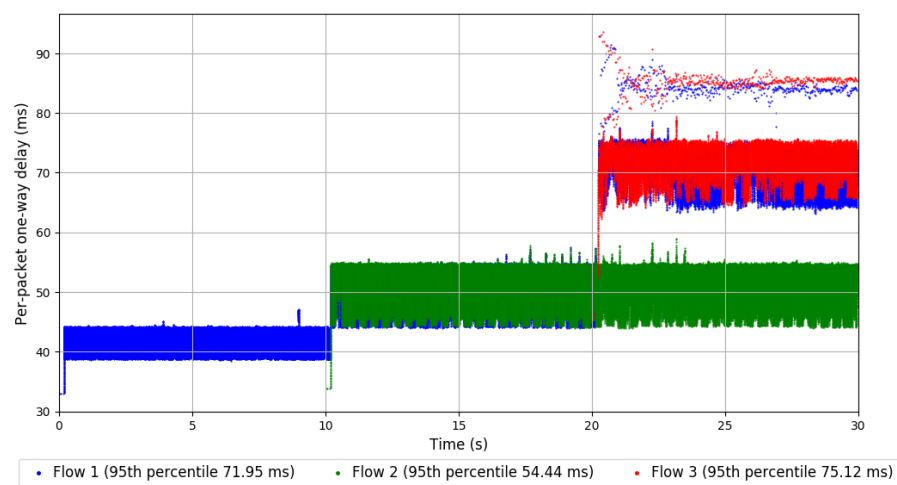
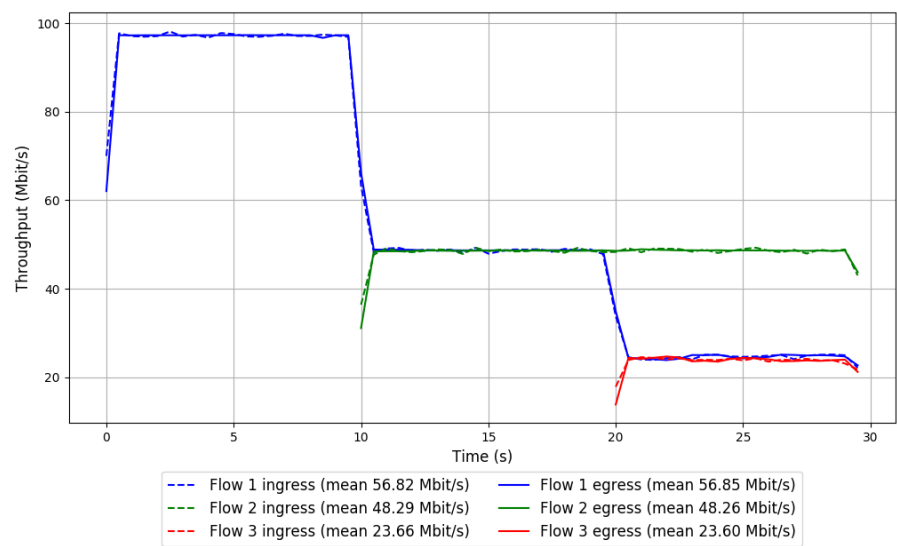


Run 10: Statistics of FillP

Start at: 2018-01-10 02:22:11
End at: 2018-01-10 02:22:41
Local clock offset: 3.365 ms
Remote clock offset: -14.975 ms

Below is generated by plot.py at 2018-01-10 06:18:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.75 Mbit/s
95th percentile per-packet one-way delay: 72.856 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 56.85 Mbit/s
95th percentile per-packet one-way delay: 71.952 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 48.26 Mbit/s
95th percentile per-packet one-way delay: 54.438 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 23.60 Mbit/s
95th percentile per-packet one-way delay: 75.121 ms
Loss rate: 0.75%

Run 10: Report of FillP — Data Link

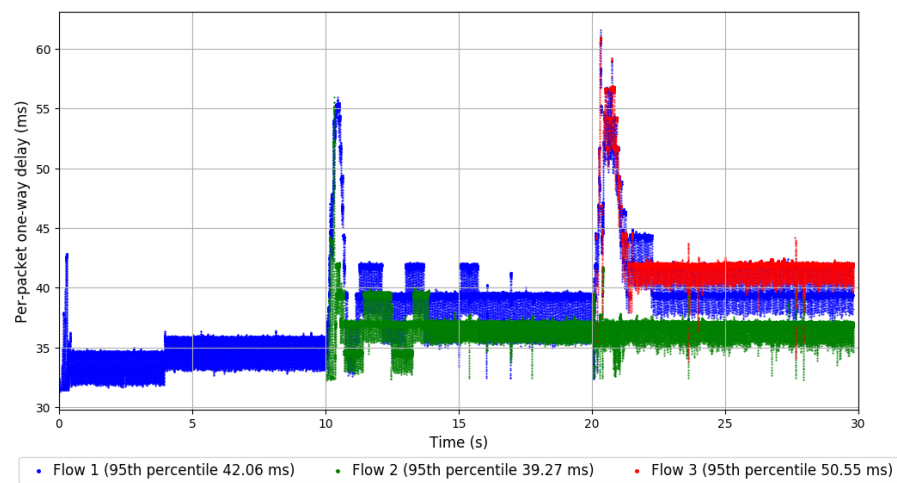
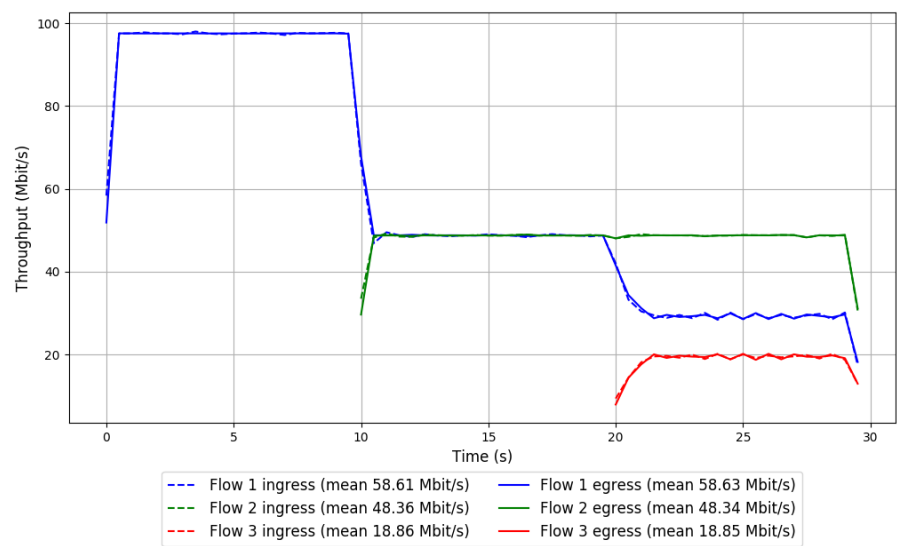


```
Run 1: Statistics of Indigo

Start at: 2018-01-09 23:50:18
End at: 2018-01-09 23:50:48
Local clock offset: 1.046 ms
Remote clock offset: -16.252 ms

# Below is generated by plot.py at 2018-01-10 06:18:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 42.002 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 58.63 Mbit/s
95th percentile per-packet one-way delay: 42.057 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 48.34 Mbit/s
95th percentile per-packet one-way delay: 39.274 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 18.85 Mbit/s
95th percentile per-packet one-way delay: 50.547 ms
Loss rate: 0.39%
```

Run 1: Report of Indigo — Data Link

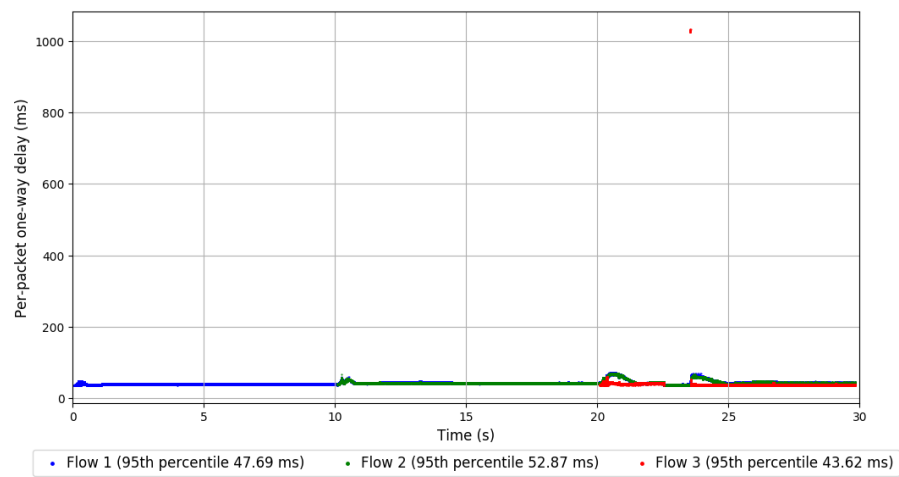
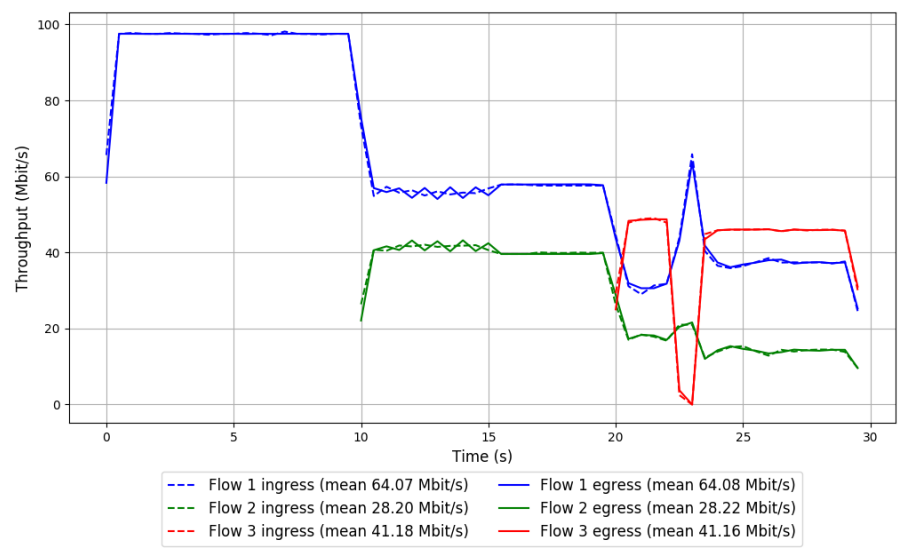


Run 2: Statistics of Indigo

Start at: 2018-01-10 00:08:03
End at: 2018-01-10 00:08:33
Local clock offset: 4.472 ms
Remote clock offset: -17.062 ms

Below is generated by plot.py at 2018-01-10 06:18:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.26 Mbit/s
95th percentile per-packet one-way delay: 47.689 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 64.08 Mbit/s
95th percentile per-packet one-way delay: 47.685 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 28.22 Mbit/s
95th percentile per-packet one-way delay: 52.868 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 41.16 Mbit/s
95th percentile per-packet one-way delay: 43.621 ms
Loss rate: 0.32%

Run 2: Report of Indigo — Data Link

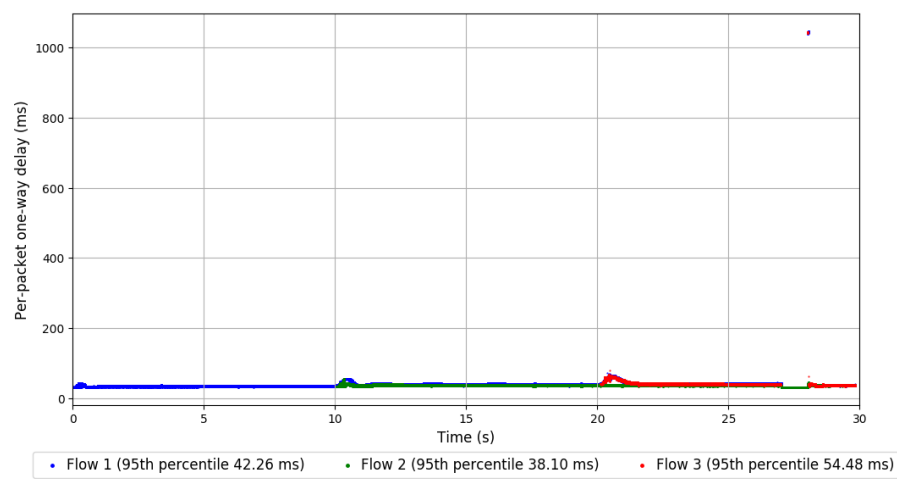
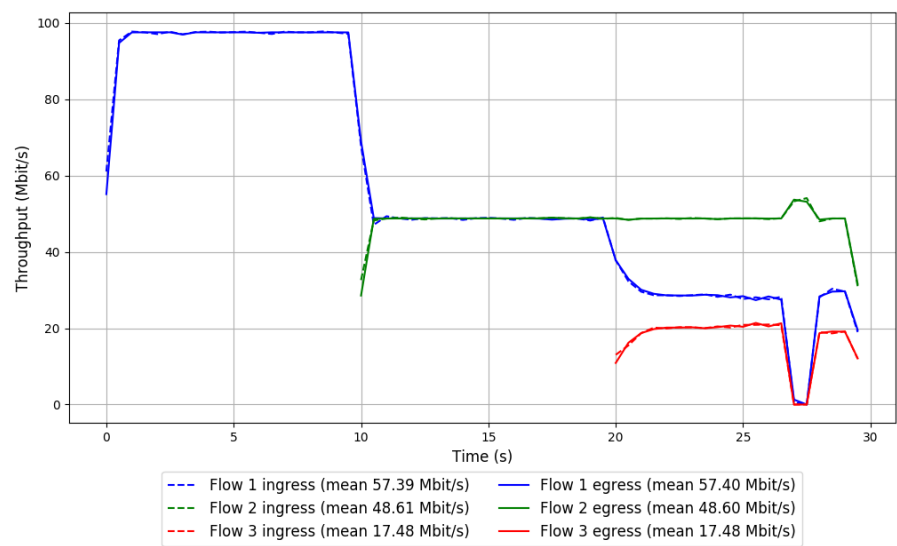


Run 3: Statistics of Indigo

Start at: 2018-01-10 00:25:39
End at: 2018-01-10 00:26:09
Local clock offset: 1.894 ms
Remote clock offset: -15.704 ms

Below is generated by plot.py at 2018-01-10 06:18:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.35 Mbit/s
95th percentile per-packet one-way delay: 42.188 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 57.40 Mbit/s
95th percentile per-packet one-way delay: 42.264 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 48.60 Mbit/s
95th percentile per-packet one-way delay: 38.105 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 17.48 Mbit/s
95th percentile per-packet one-way delay: 54.476 ms
Loss rate: 0.35%

Run 3: Report of Indigo — Data Link

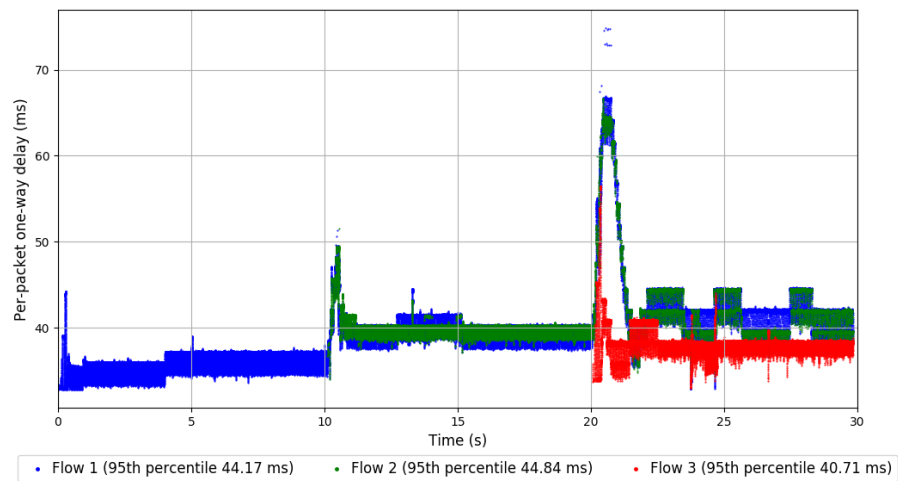
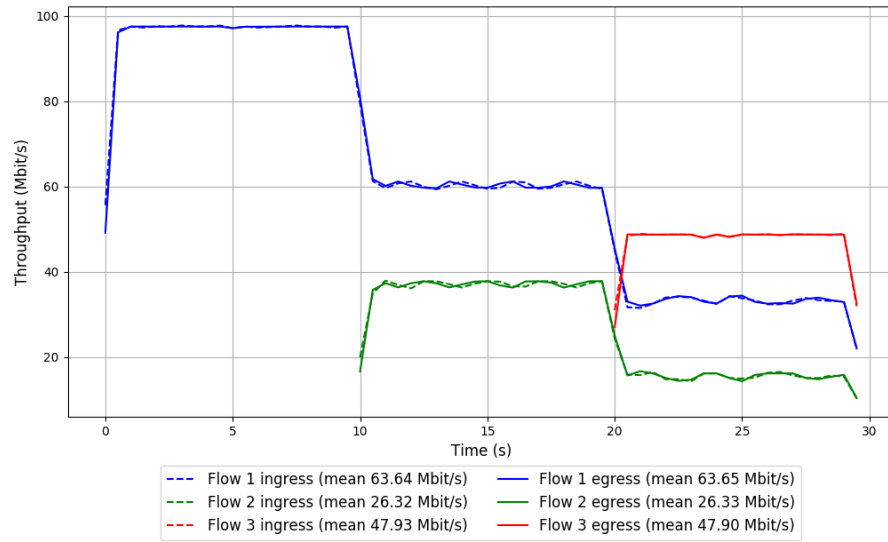


Run 4: Statistics of Indigo

Start at: 2018-01-10 00:43:25
End at: 2018-01-10 00:43:55
Local clock offset: 0.317 ms
Remote clock offset: -16.953 ms

Below is generated by plot.py at 2018-01-10 06:19:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.78 Mbit/s
95th percentile per-packet one-way delay: 44.116 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 63.65 Mbit/s
95th percentile per-packet one-way delay: 44.171 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 26.33 Mbit/s
95th percentile per-packet one-way delay: 44.836 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 47.90 Mbit/s
95th percentile per-packet one-way delay: 40.714 ms
Loss rate: 0.32%

Run 4: Report of Indigo — Data Link

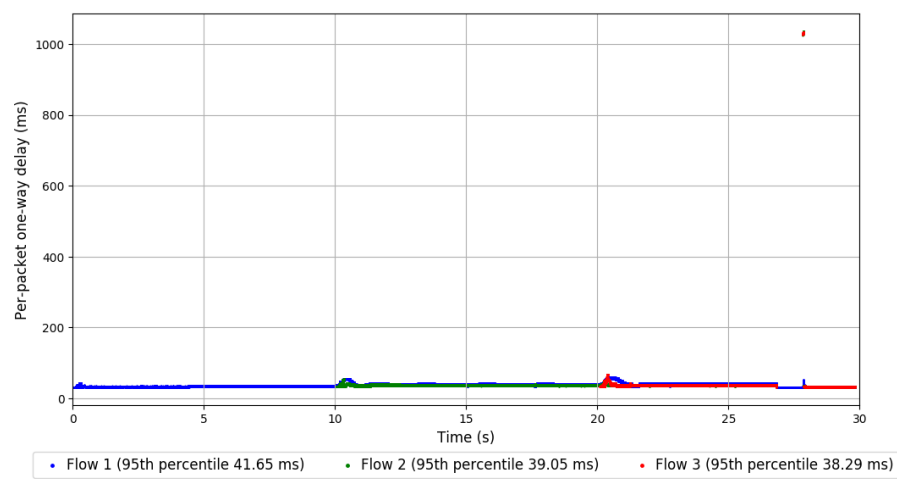
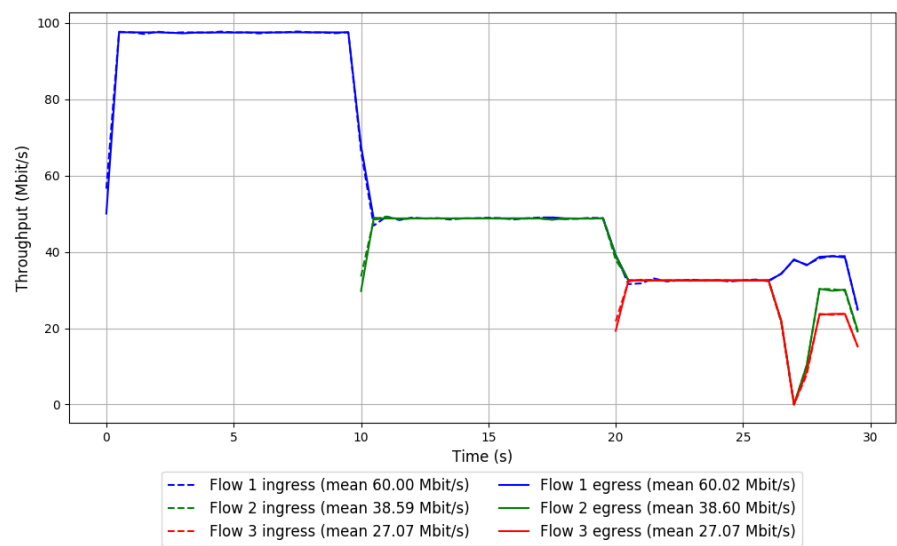


Run 5: Statistics of Indigo

Start at: 2018-01-10 01:01:15
End at: 2018-01-10 01:01:45
Local clock offset: 1.497 ms
Remote clock offset: -13.543 ms

Below is generated by plot.py at 2018-01-10 06:19:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.48 Mbit/s
95th percentile per-packet one-way delay: 41.579 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 60.02 Mbit/s
95th percentile per-packet one-way delay: 41.649 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 38.60 Mbit/s
95th percentile per-packet one-way delay: 39.048 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 27.07 Mbit/s
95th percentile per-packet one-way delay: 38.292 ms
Loss rate: 0.25%

Run 5: Report of Indigo — Data Link

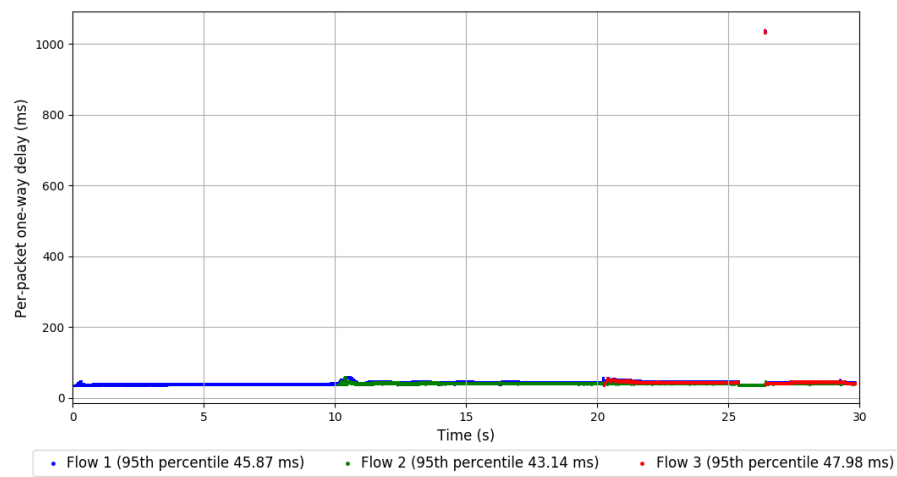
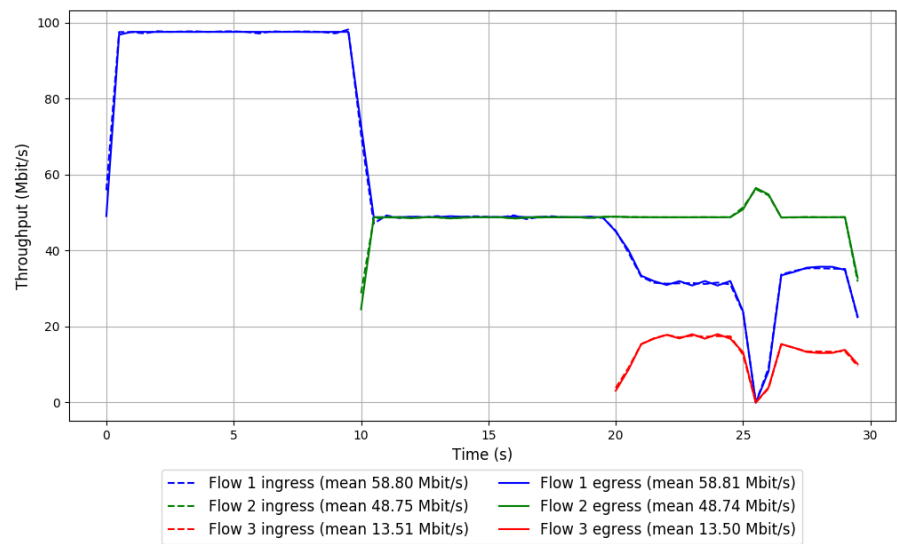


Run 6: Statistics of Indigo

Start at: 2018-01-10 01:18:47
End at: 2018-01-10 01:19:17
Local clock offset: 1.976 ms
Remote clock offset: -17.286 ms

Below is generated by plot.py at 2018-01-10 06:19:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.44 Mbit/s
95th percentile per-packet one-way delay: 45.777 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 58.81 Mbit/s
95th percentile per-packet one-way delay: 45.865 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 48.74 Mbit/s
95th percentile per-packet one-way delay: 43.139 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 13.50 Mbit/s
95th percentile per-packet one-way delay: 47.983 ms
Loss rate: 0.37%

Run 6: Report of Indigo — Data Link

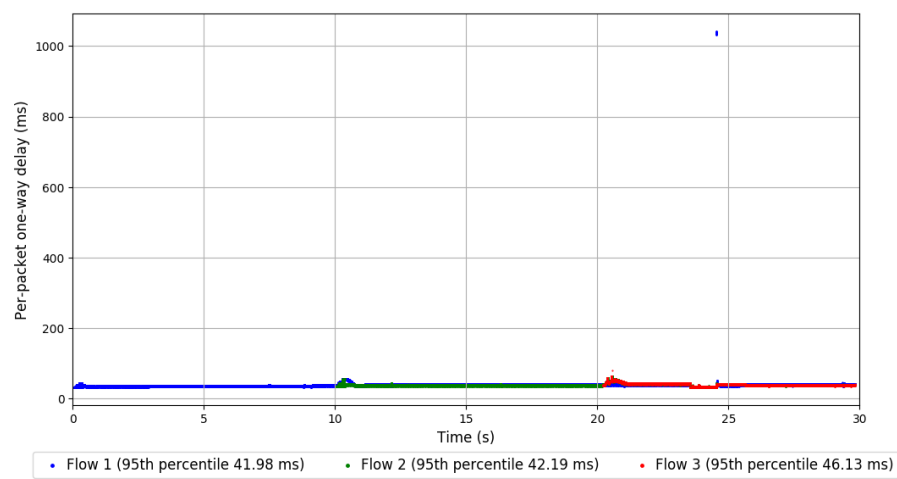
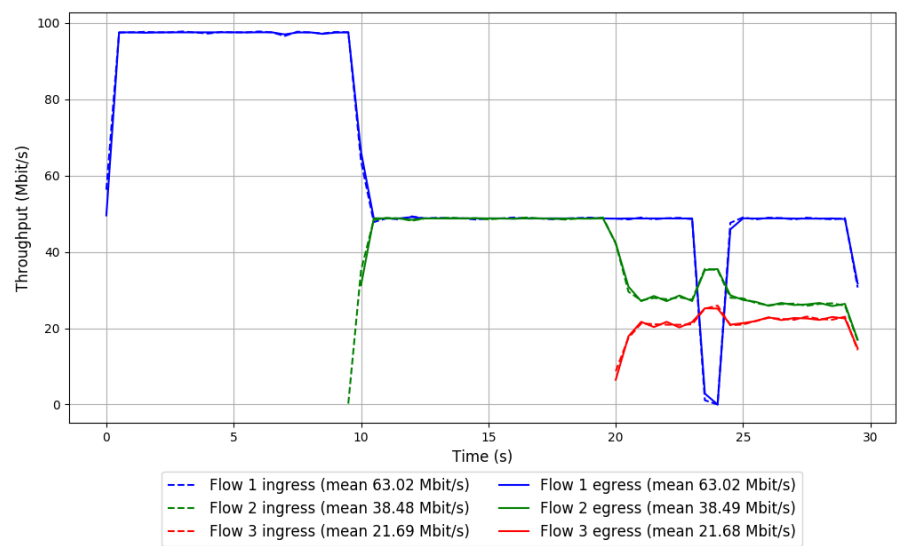


Run 7: Statistics of Indigo

Start at: 2018-01-10 01:36:22
End at: 2018-01-10 01:36:52
Local clock offset: -0.557 ms
Remote clock offset: -18.655 ms

Below is generated by plot.py at 2018-01-10 06:19:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.57 Mbit/s
95th percentile per-packet one-way delay: 42.091 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 63.02 Mbit/s
95th percentile per-packet one-way delay: 41.981 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 38.49 Mbit/s
95th percentile per-packet one-way delay: 42.186 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 21.68 Mbit/s
95th percentile per-packet one-way delay: 46.134 ms
Loss rate: 0.33%

Run 7: Report of Indigo — Data Link

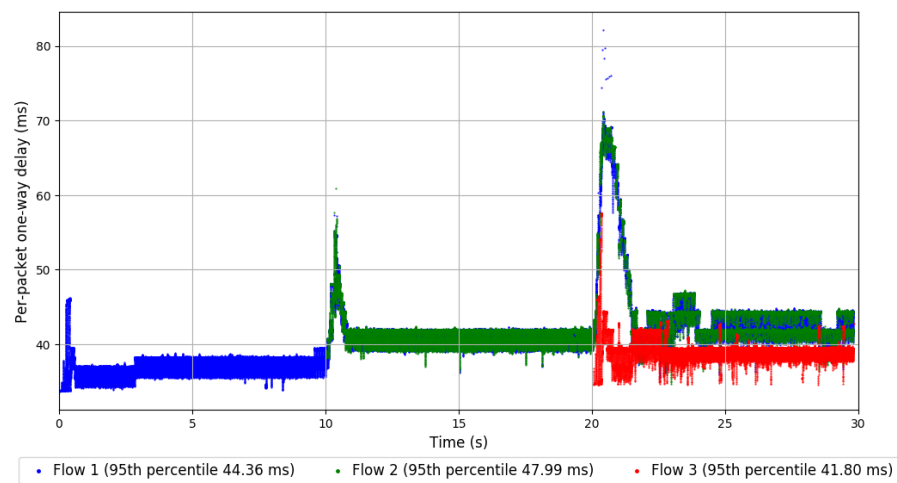
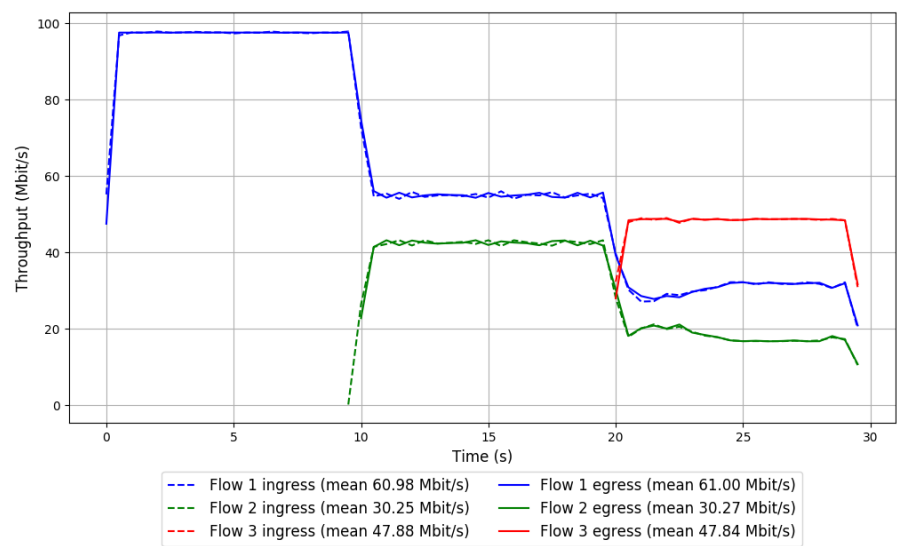


Run 8: Statistics of Indigo

Start at: 2018-01-10 01:54:36
End at: 2018-01-10 01:55:06
Local clock offset: 2.466 ms
Remote clock offset: -15.592 ms

Below is generated by plot.py at 2018-01-10 06:19:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.78 Mbit/s
95th percentile per-packet one-way delay: 44.374 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 61.00 Mbit/s
95th percentile per-packet one-way delay: 44.364 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 30.27 Mbit/s
95th percentile per-packet one-way delay: 47.990 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 47.84 Mbit/s
95th percentile per-packet one-way delay: 41.802 ms
Loss rate: 0.33%

Run 8: Report of Indigo — Data Link

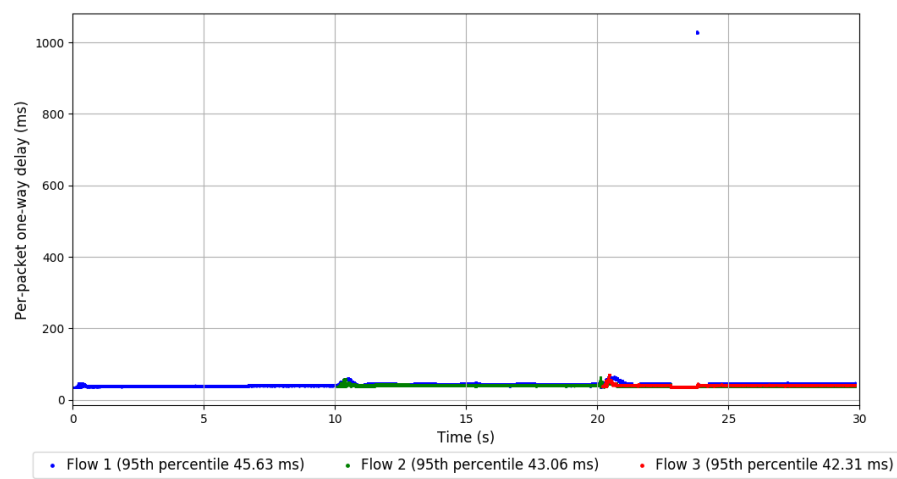
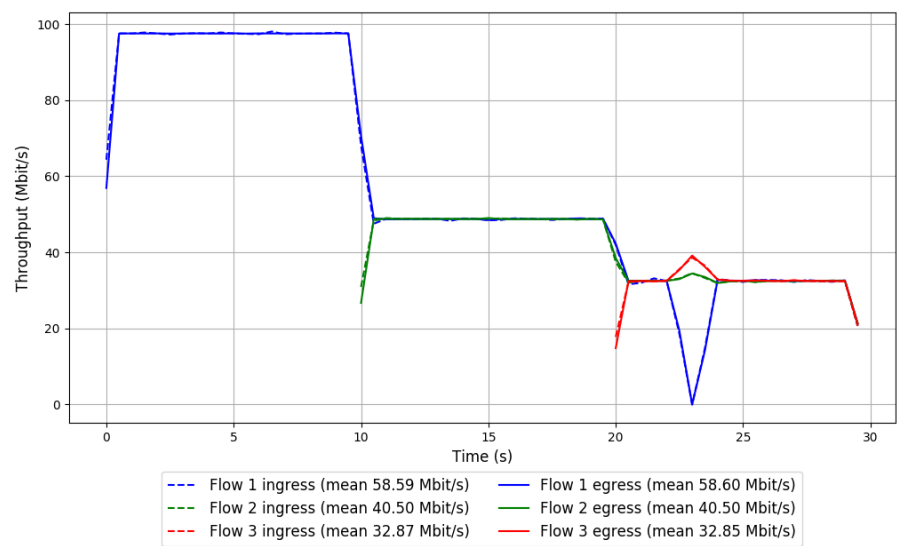


Run 9: Statistics of Indigo

Start at: 2018-01-10 02:12:42
End at: 2018-01-10 02:13:12
Local clock offset: 4.109 ms
Remote clock offset: -15.701 ms

Below is generated by plot.py at 2018-01-10 06:19:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.12 Mbit/s
95th percentile per-packet one-way delay: 45.544 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 58.60 Mbit/s
95th percentile per-packet one-way delay: 45.633 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 40.50 Mbit/s
95th percentile per-packet one-way delay: 43.061 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 32.85 Mbit/s
95th percentile per-packet one-way delay: 42.312 ms
Loss rate: 0.34%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2018-01-10 02:30:29
End at: 2018-01-10 02:30:59
Local clock offset: 4.341 ms
Remote clock offset: -15.091 ms

Below is generated by plot.py at 2018-01-10 06:19:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.45 Mbit/s
95th percentile per-packet one-way delay: 44.384 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 60.49 Mbit/s
95th percentile per-packet one-way delay: 46.112 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 41.40 Mbit/s
95th percentile per-packet one-way delay: 41.851 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 26.20 Mbit/s
95th percentile per-packet one-way delay: 40.641 ms
Loss rate: 0.31%

Run 10: Report of Indigo — Data Link

