

Pantheon Report

Generated at 2018-06-30 22:22:21 (UTC).

Data path: GCE Sydney Ethernet (*local*) → GCE London Ethernet (*remote*).

Repeated the test of 17 congestion control schemes 10 times.

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

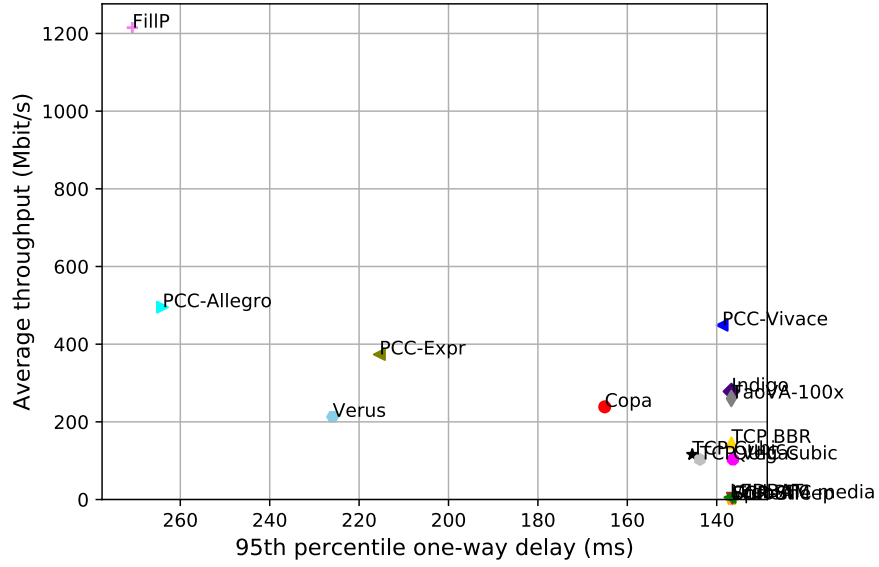
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

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

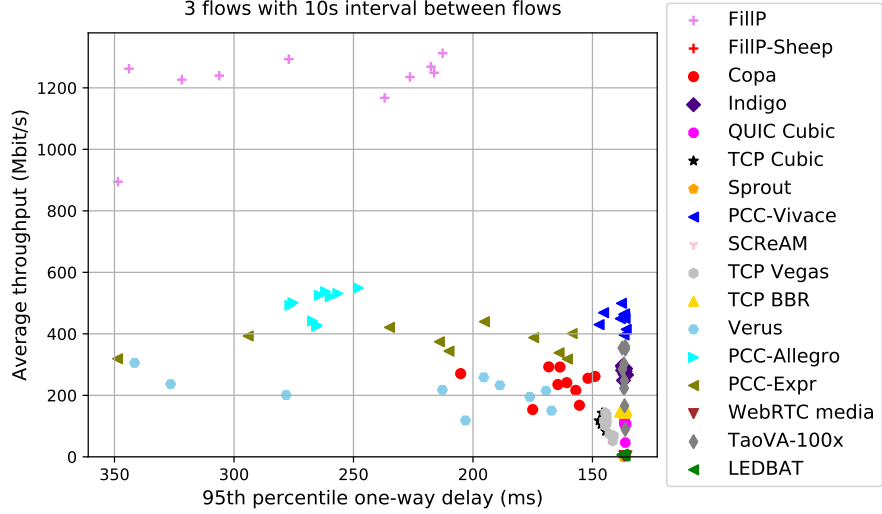
Git summary:

```
branch: master @ 715dc5f09d172e419699f6f17f1cb4c45064f212
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ 30060ab034deb3424347f5cc3db86198eac35d2a
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf5e58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
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/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
  M src/ScreamClient
  M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webRTC @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

test from GCE Sydney to GCE London, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows (mean of all runs by scheme)



test from GCE Sydney to GCE London, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows



scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	75.17	73.17	66.30	136.50	136.84	136.61	0.00	0.00	0.00
Copa	10	132.09	119.89	84.79	163.90	162.39	160.71	0.03	0.01	0.19
TCP Cubic	10	67.40	53.14	40.07	145.36	145.58	147.20	0.00	0.04	0.31
FillP	10	634.41	620.10	505.64	270.82	261.26	173.89	3.48	2.79	0.33
FillP-Sheep	10	0.00	0.00	0.00	136.38	136.34	136.57	0.00	0.00	0.00
Indigo	10	148.04	141.01	115.22	136.52	136.92	138.27	0.00	0.00	0.00
LEDBAT	10	3.36	2.69	1.18	137.06	136.97	136.87	0.00	0.00	0.00
PCC-Allegro	10	420.27	90.42	45.12	263.88	263.46	265.43	2.25	2.26	3.80
PCC-Expr	10	258.83	135.97	73.68	221.67	155.07	153.29	0.82	0.20	0.22
QUIC Cubic	10	49.26	57.07	50.74	136.15	136.25	136.03	0.00	0.00	0.00
SCReAM	10	0.22	0.22	0.22	136.41	136.48	136.30	0.00	0.00	0.00
Sprout	10	0.17	0.18	0.22	136.60	136.52	136.56	0.00	0.00	0.00
TaoVA-100x	10	123.59	163.31	83.92	136.51	136.78	138.19	0.00	0.02	0.00
TCP Vegas	10	58.37	51.40	32.39	142.53	143.02	143.90	0.00	0.01	0.07
Verus	10	142.42	82.71	51.15	227.53	213.93	178.00	1.19	0.62	0.13
PCC-Vivace	10	278.18	193.61	126.92	138.93	148.53	136.87	0.02	0.19	0.11
WebRTC media	10	1.83	1.09	0.36	136.00	136.42	136.39	0.00	0.00	0.00

Run 1: Statistics of TCP BBR

Start at: 2018-06-30 16:03:00

End at: 2018-06-30 16:03:30

Local clock offset: -0.217 ms

Remote clock offset: 0.026 ms

Below is generated by plot.py at 2018-06-30 20:30:48

Datalink statistics

-- Total of 3 flows:

Average throughput: 143.66 Mbit/s

95th percentile per-packet one-way delay: 136.405 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 74.51 Mbit/s

95th percentile per-packet one-way delay: 136.378 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 71.59 Mbit/s

95th percentile per-packet one-way delay: 136.424 ms

Loss rate: 0.00%

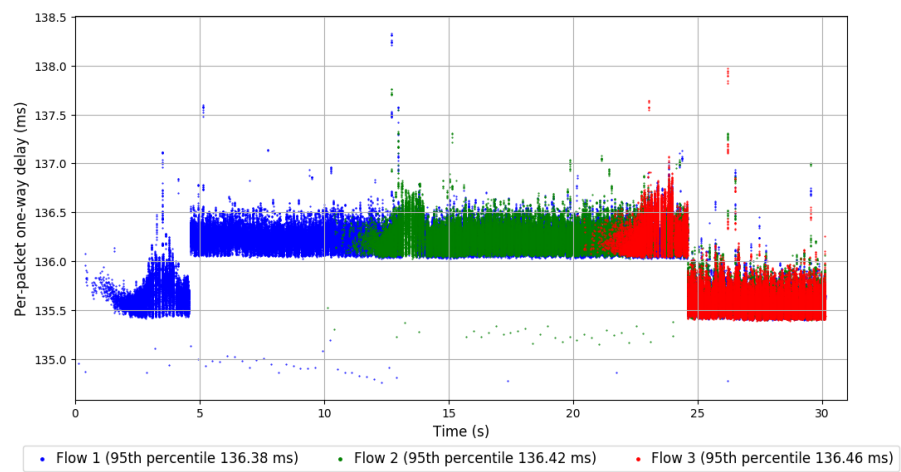
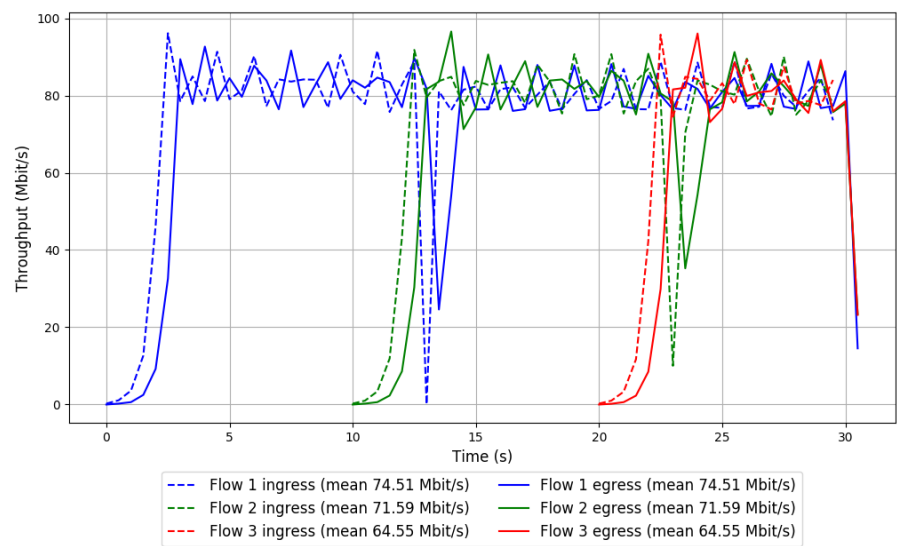
-- Flow 3:

Average throughput: 64.55 Mbit/s

95th percentile per-packet one-way delay: 136.458 ms

Loss rate: 0.00%

Run 1: Report of TCP BBR — Data Link

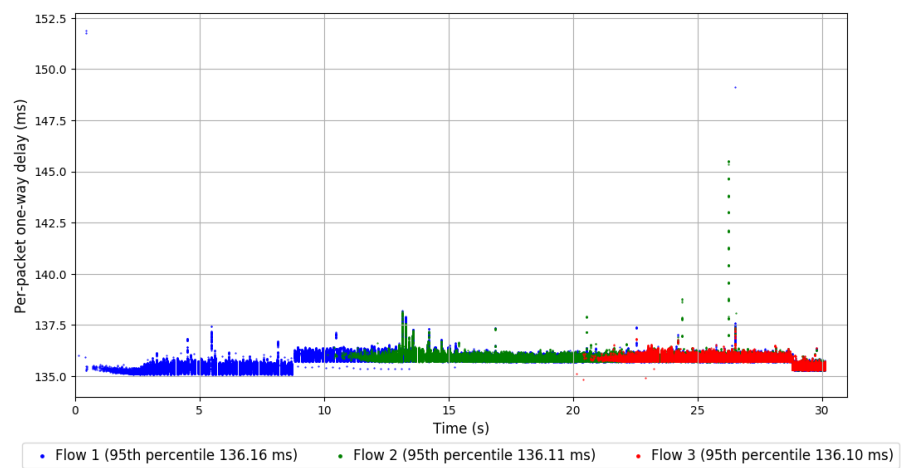
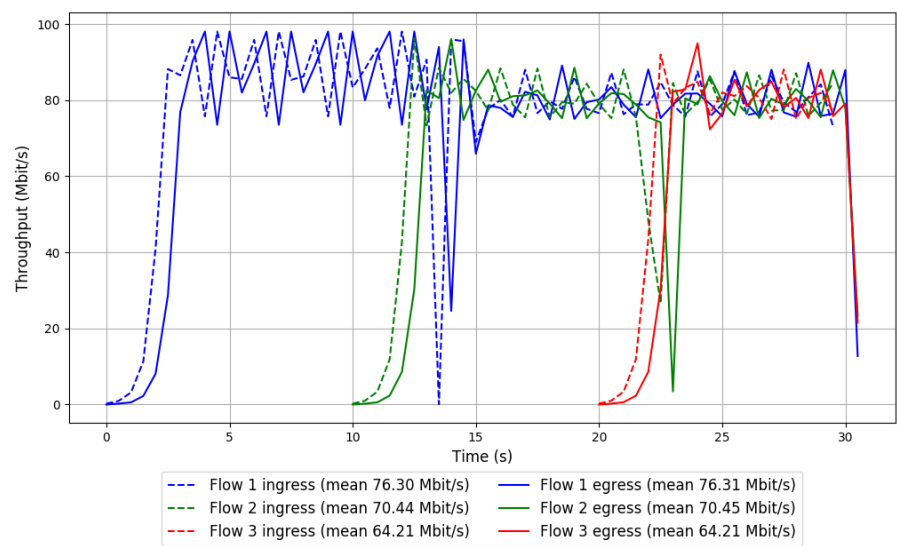


Run 2: Statistics of TCP BBR

Start at: 2018-06-30 16:28:26
End at: 2018-06-30 16:28:56
Local clock offset: -0.298 ms
Remote clock offset: -0.279 ms

Below is generated by plot.py at 2018-06-30 20:30:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 144.59 Mbit/s
95th percentile per-packet one-way delay: 136.134 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 76.31 Mbit/s
95th percentile per-packet one-way delay: 136.157 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 70.45 Mbit/s
95th percentile per-packet one-way delay: 136.108 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 64.21 Mbit/s
95th percentile per-packet one-way delay: 136.097 ms
Loss rate: 0.00%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2018-06-30 16:54:35

End at: 2018-06-30 16:55:05

Local clock offset: 0.416 ms

Remote clock offset: 0.408 ms

Below is generated by plot.py at 2018-06-30 20:30:53

Datalink statistics

-- Total of 3 flows:

Average throughput: 144.97 Mbit/s

95th percentile per-packet one-way delay: 136.176 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 75.09 Mbit/s

95th percentile per-packet one-way delay: 136.224 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 72.38 Mbit/s

95th percentile per-packet one-way delay: 136.035 ms

Loss rate: 0.00%

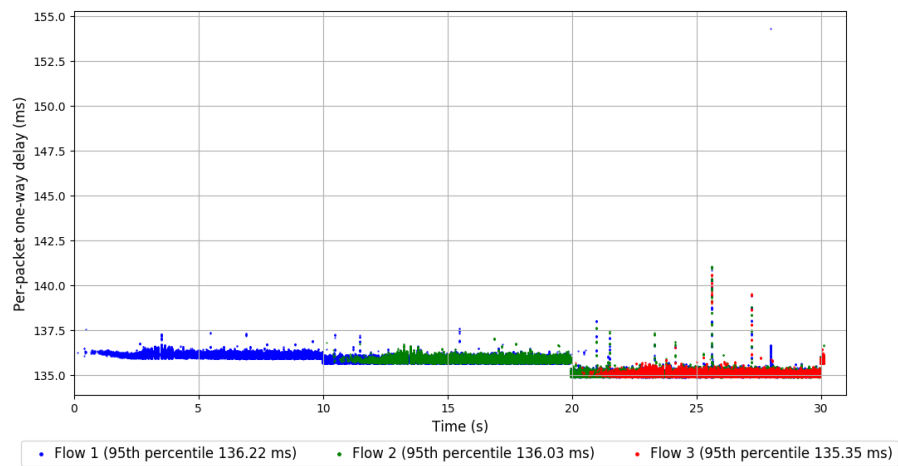
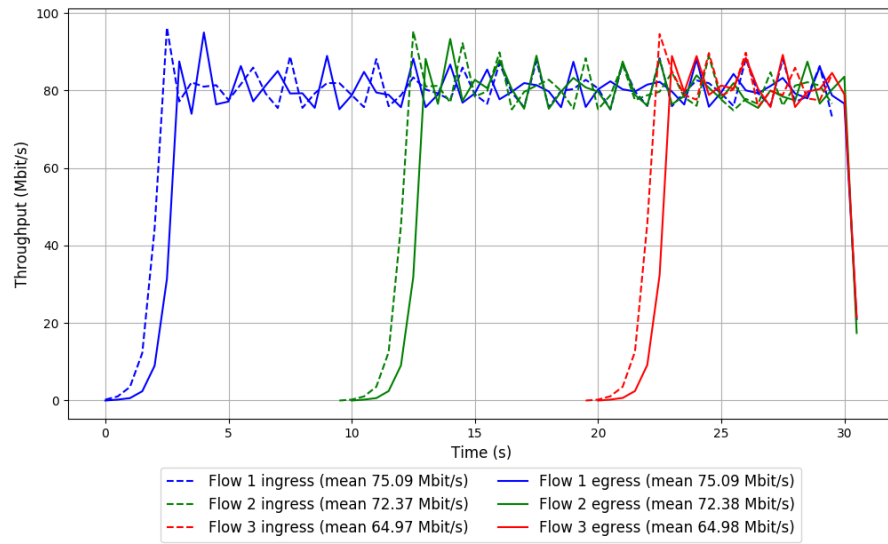
-- Flow 3:

Average throughput: 64.98 Mbit/s

95th percentile per-packet one-way delay: 135.348 ms

Loss rate: 0.00%

Run 3: Report of TCP BBR — Data Link

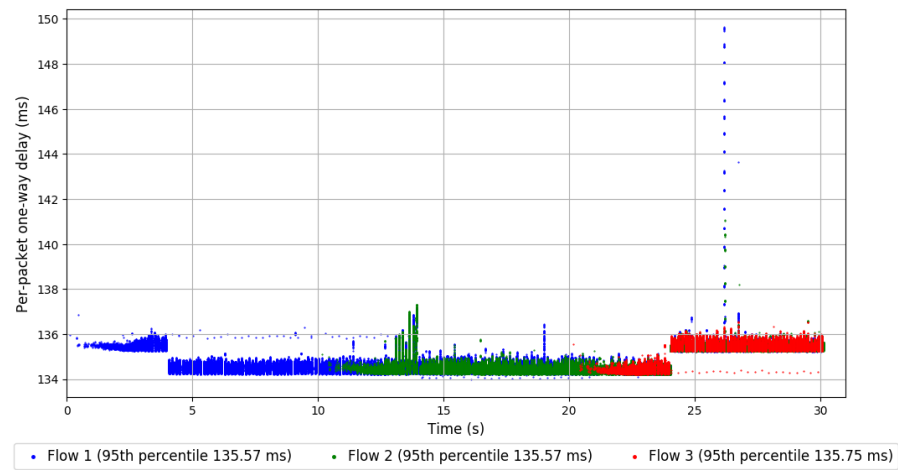
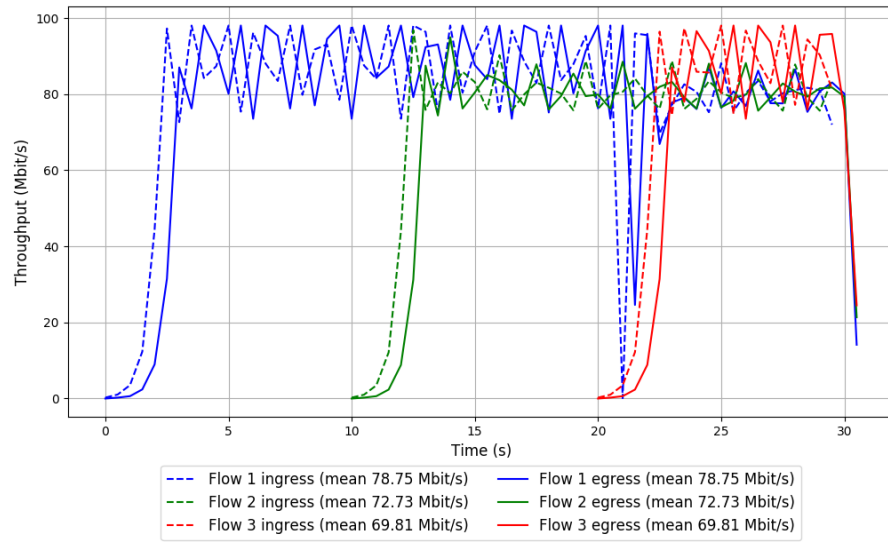


Run 4: Statistics of TCP BBR

Start at: 2018-06-30 17:20:31
End at: 2018-06-30 17:21:01
Local clock offset: 0.391 ms
Remote clock offset: -0.349 ms

Below is generated by plot.py at 2018-06-30 20:30:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 150.26 Mbit/s
95th percentile per-packet one-way delay: 135.629 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 78.75 Mbit/s
95th percentile per-packet one-way delay: 135.569 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 72.73 Mbit/s
95th percentile per-packet one-way delay: 135.568 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 69.81 Mbit/s
95th percentile per-packet one-way delay: 135.753 ms
Loss rate: 0.00%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-06-30 17:46:56

End at: 2018-06-30 17:47:26

Local clock offset: 0.008 ms

Remote clock offset: 0.008 ms

Below is generated by plot.py at 2018-06-30 20:30:59

Datalink statistics

-- Total of 3 flows:

Average throughput: 143.87 Mbit/s

95th percentile per-packet one-way delay: 136.057 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 73.61 Mbit/s

95th percentile per-packet one-way delay: 136.070 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 72.86 Mbit/s

95th percentile per-packet one-way delay: 136.075 ms

Loss rate: 0.00%

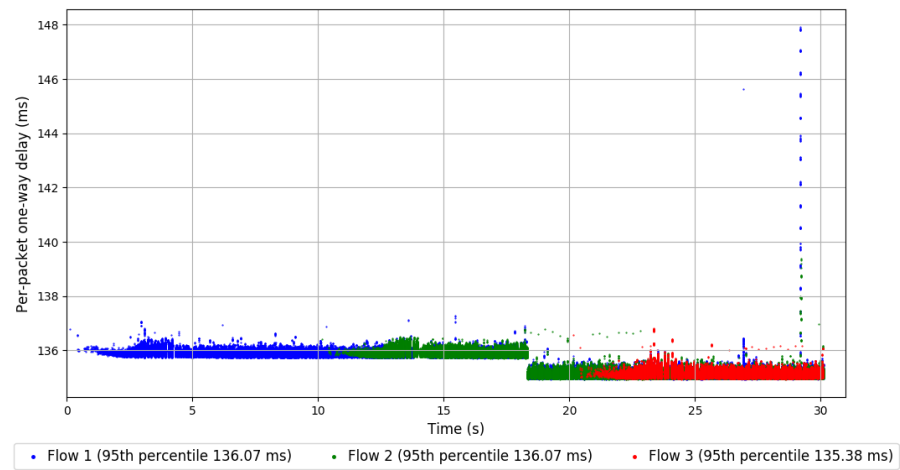
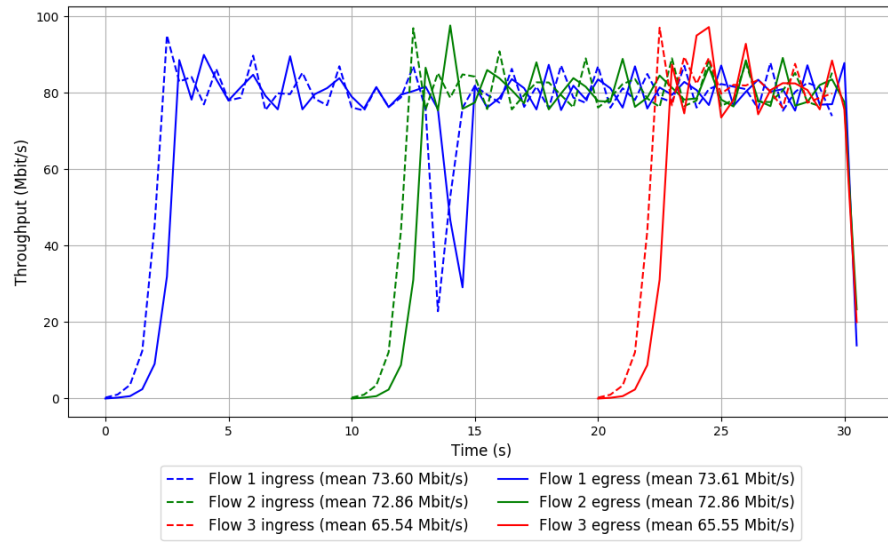
-- Flow 3:

Average throughput: 65.55 Mbit/s

95th percentile per-packet one-way delay: 135.382 ms

Loss rate: 0.00%

Run 5: Report of TCP BBR — Data Link

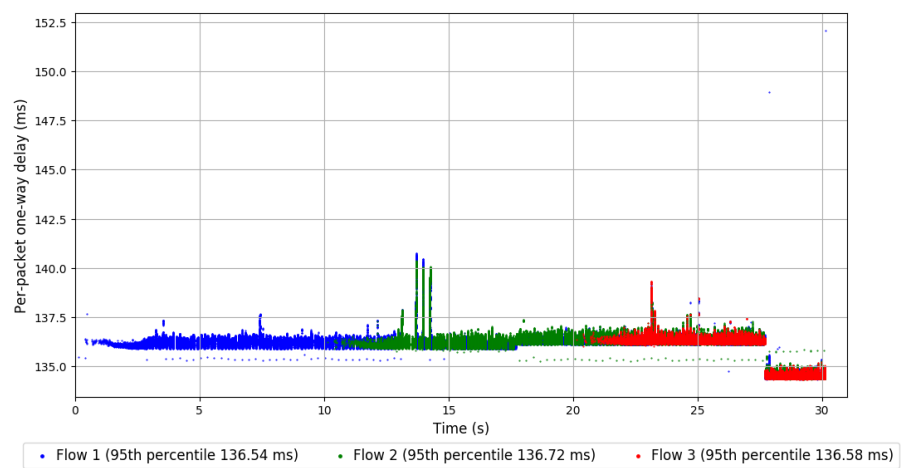
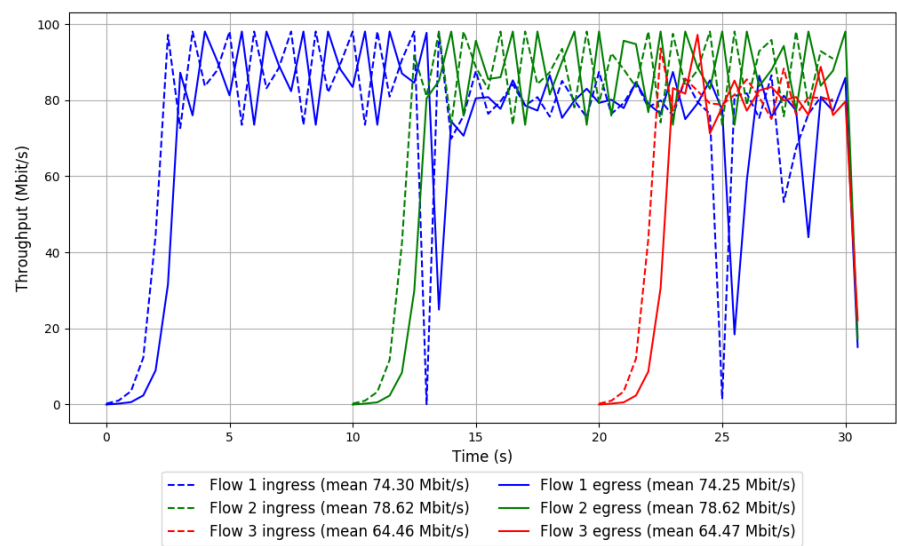


Run 6: Statistics of TCP BBR

Start at: 2018-06-30 18:13:17
End at: 2018-06-30 18:13:47
Local clock offset: 0.092 ms
Remote clock offset: -0.448 ms

Below is generated by plot.py at 2018-06-30 20:30:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 148.04 Mbit/s
95th percentile per-packet one-way delay: 136.633 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 74.25 Mbit/s
95th percentile per-packet one-way delay: 136.537 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 78.62 Mbit/s
95th percentile per-packet one-way delay: 136.716 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 64.47 Mbit/s
95th percentile per-packet one-way delay: 136.580 ms
Loss rate: 0.00%

Run 6: Report of TCP BBR — Data Link

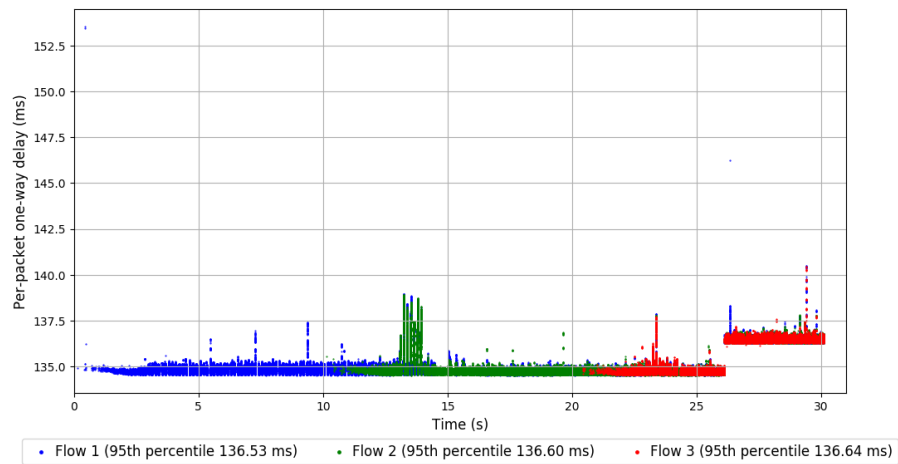
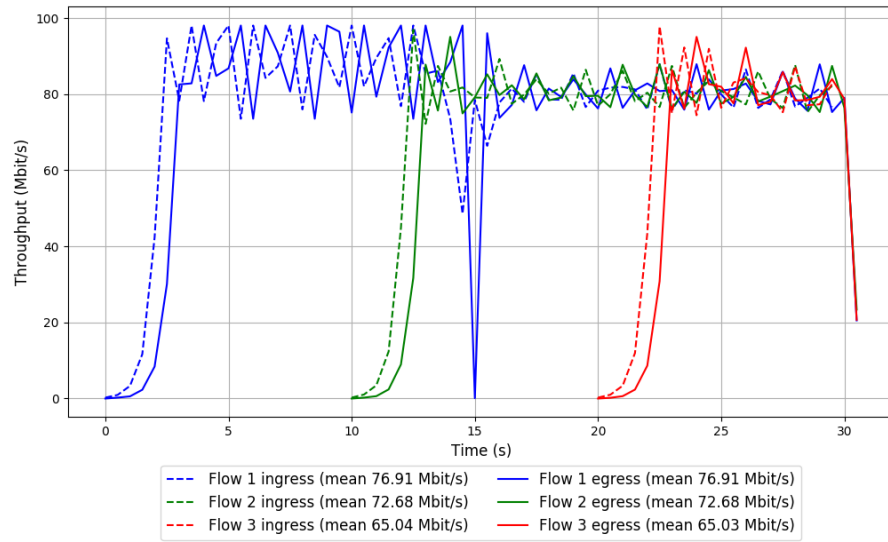


Run 7: Statistics of TCP BBR

Start at: 2018-06-30 18:39:19
End at: 2018-06-30 18:39:49
Local clock offset: 0.013 ms
Remote clock offset: -0.309 ms

Below is generated by plot.py at 2018-06-30 20:30:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 146.91 Mbit/s
95th percentile per-packet one-way delay: 136.581 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 76.91 Mbit/s
95th percentile per-packet one-way delay: 136.526 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 72.68 Mbit/s
95th percentile per-packet one-way delay: 136.603 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 65.03 Mbit/s
95th percentile per-packet one-way delay: 136.641 ms
Loss rate: 0.00%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-06-30 19:05:08

End at: 2018-06-30 19:05:38

Local clock offset: 0.04 ms

Remote clock offset: 0.044 ms

Below is generated by plot.py at 2018-06-30 20:30:59

Datalink statistics

-- Total of 3 flows:

Average throughput: 145.41 Mbit/s

95th percentile per-packet one-way delay: 138.629 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 72.11 Mbit/s

95th percentile per-packet one-way delay: 137.120 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 75.48 Mbit/s

95th percentile per-packet one-way delay: 138.874 ms

Loss rate: 0.00%

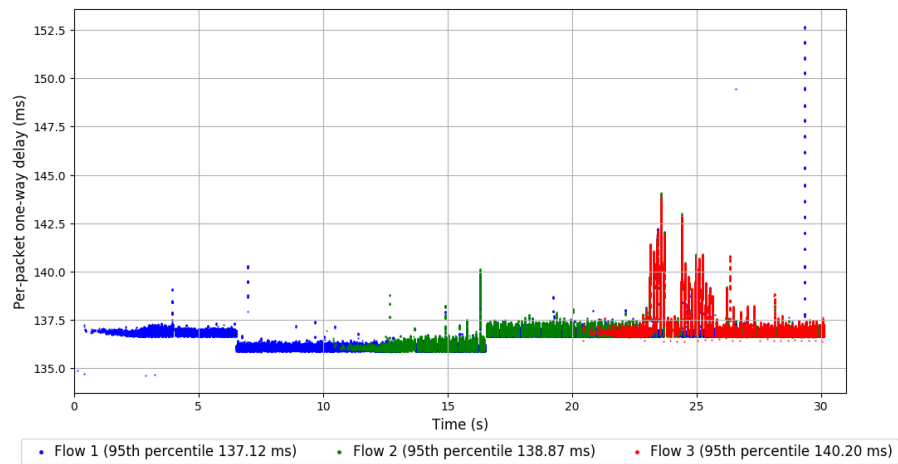
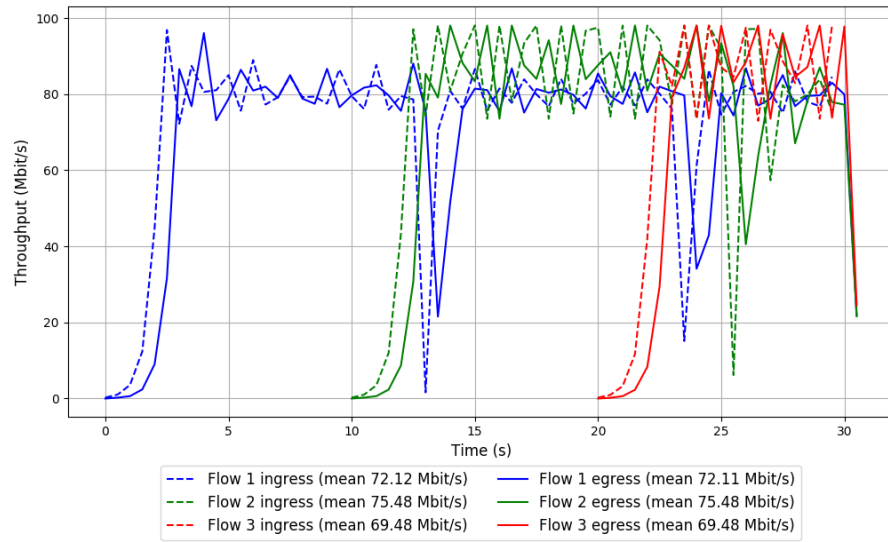
-- Flow 3:

Average throughput: 69.48 Mbit/s

95th percentile per-packet one-way delay: 140.196 ms

Loss rate: 0.00%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2018-06-30 19:31:35

End at: 2018-06-30 19:32:05

Local clock offset: 0.332 ms

Remote clock offset: 0.065 ms

Below is generated by plot.py at 2018-06-30 20:32:52

Datalink statistics

-- Total of 3 flows:

Average throughput: 149.66 Mbit/s

95th percentile per-packet one-way delay: 137.929 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 78.21 Mbit/s

95th percentile per-packet one-way delay: 137.553 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 72.63 Mbit/s

95th percentile per-packet one-way delay: 139.078 ms

Loss rate: 0.00%

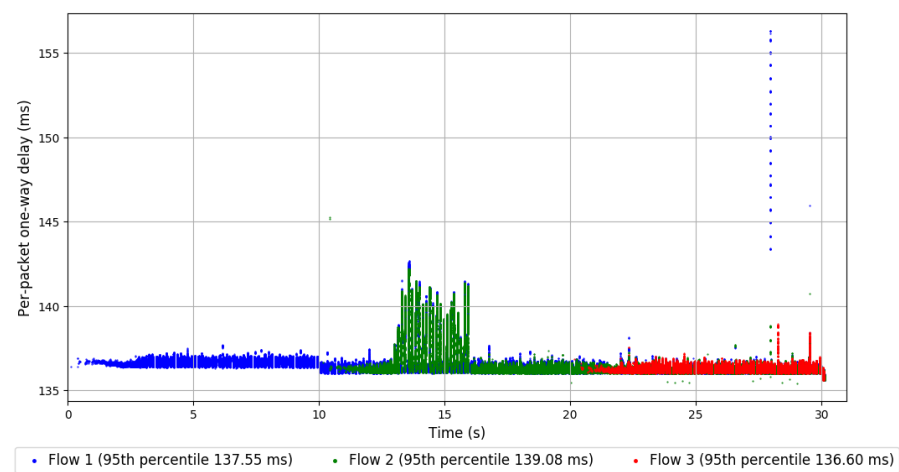
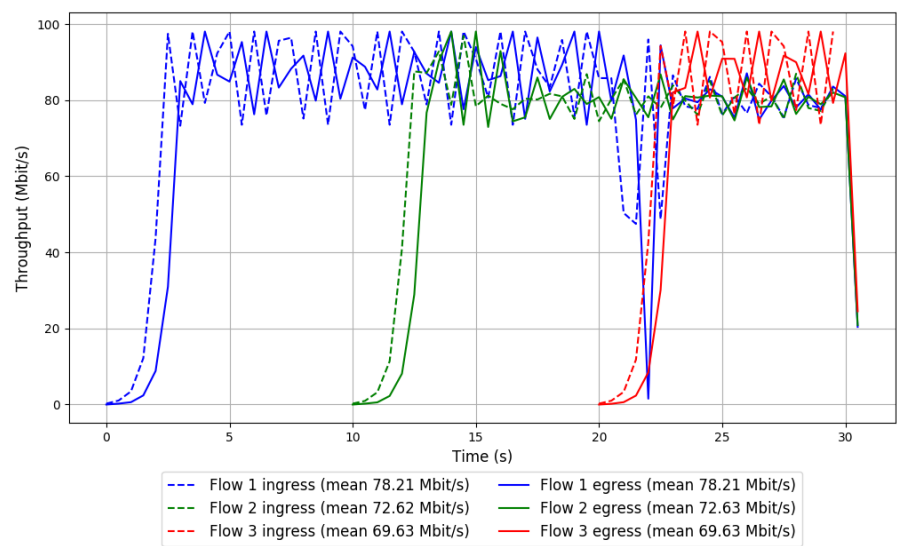
-- Flow 3:

Average throughput: 69.63 Mbit/s

95th percentile per-packet one-way delay: 136.598 ms

Loss rate: 0.00%

Run 9: Report of TCP BBR — Data Link

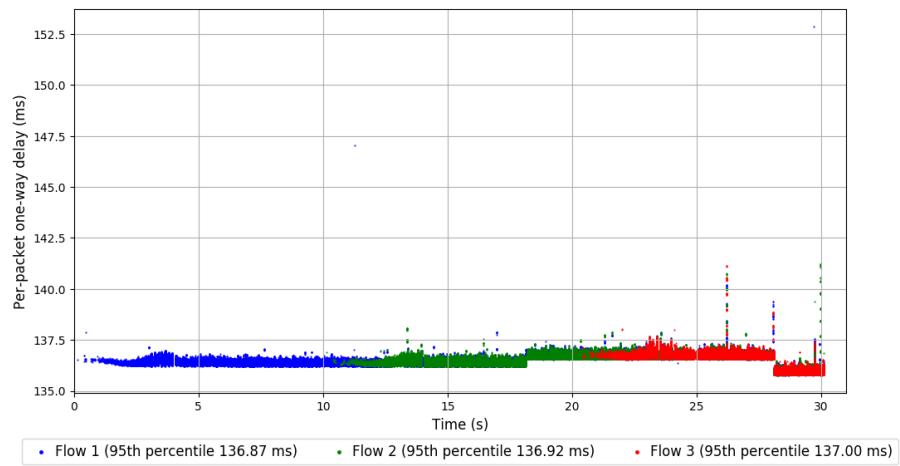
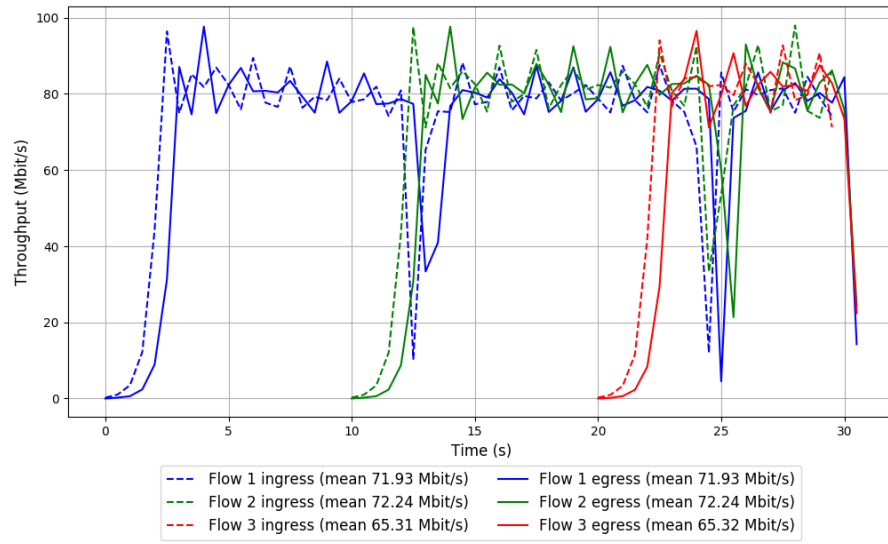


Run 10: Statistics of TCP BBR

Start at: 2018-06-30 19:57:57
End at: 2018-06-30 19:58:27
Local clock offset: 0.054 ms
Remote clock offset: -0.046 ms

Below is generated by plot.py at 2018-06-30 20:32:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 141.73 Mbit/s
95th percentile per-packet one-way delay: 136.917 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 71.93 Mbit/s
95th percentile per-packet one-way delay: 136.872 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 72.24 Mbit/s
95th percentile per-packet one-way delay: 136.923 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 65.32 Mbit/s
95th percentile per-packet one-way delay: 137.002 ms
Loss rate: 0.00%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

Start at: 2018-06-30 16:13:25

End at: 2018-06-30 16:13:55

Local clock offset: -0.576 ms

Remote clock offset: 0.064 ms

Below is generated by plot.py at 2018-06-30 20:34:57

Datalink statistics

-- Total of 3 flows:

Average throughput: 153.79 Mbit/s

95th percentile per-packet one-way delay: 175.014 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 85.29 Mbit/s

95th percentile per-packet one-way delay: 169.228 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 50.97 Mbit/s

95th percentile per-packet one-way delay: 207.784 ms

Loss rate: 0.00%

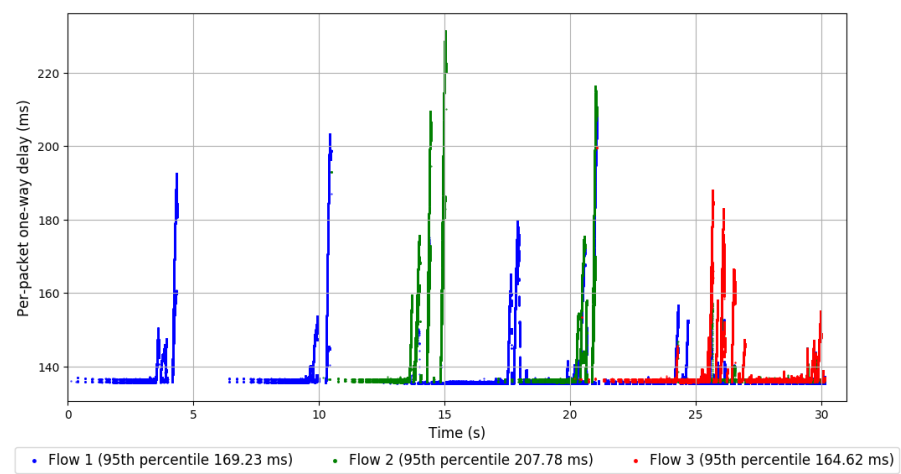
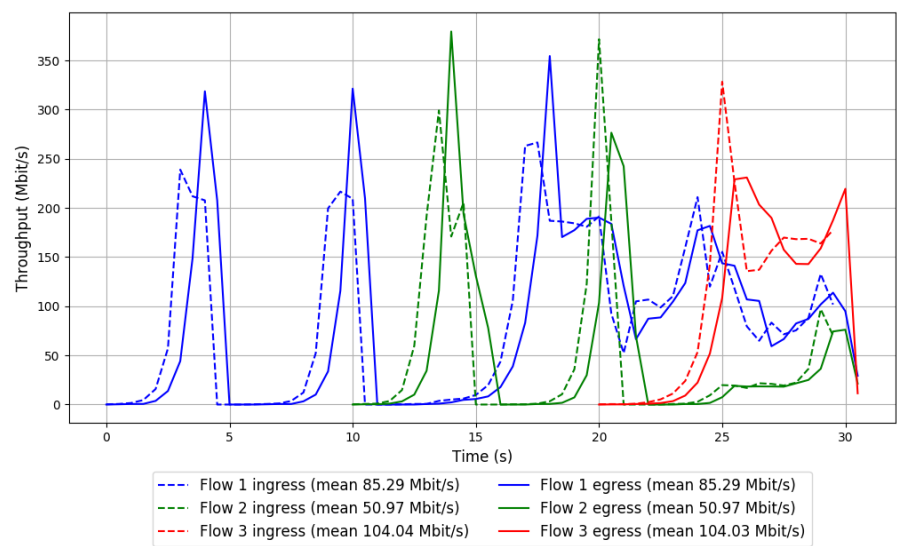
-- Flow 3:

Average throughput: 104.03 Mbit/s

95th percentile per-packet one-way delay: 164.624 ms

Loss rate: 0.01%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2018-06-30 16:39:19

End at: 2018-06-30 16:39:49

Local clock offset: -0.13 ms

Remote clock offset: -0.24 ms

Below is generated by plot.py at 2018-06-30 20:38:35

Datalink statistics

-- Total of 3 flows:

Average throughput: 255.48 Mbit/s

95th percentile per-packet one-way delay: 151.891 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 133.52 Mbit/s

95th percentile per-packet one-way delay: 154.940 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 138.18 Mbit/s

95th percentile per-packet one-way delay: 146.885 ms

Loss rate: 0.00%

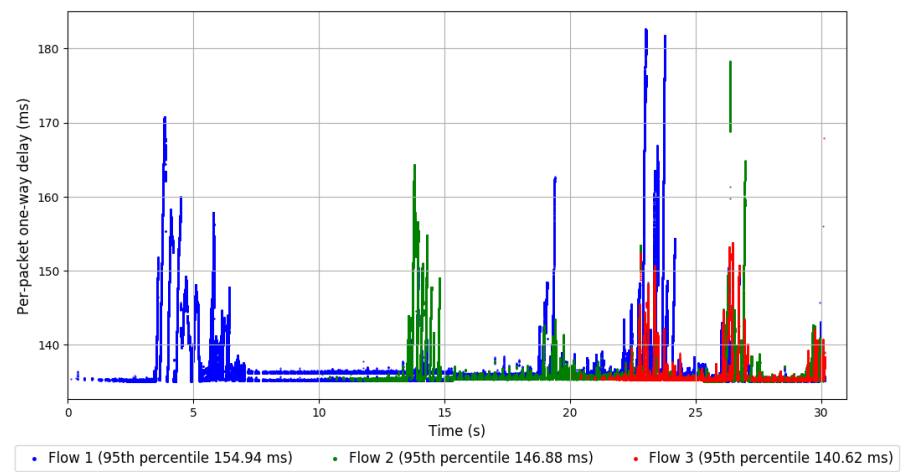
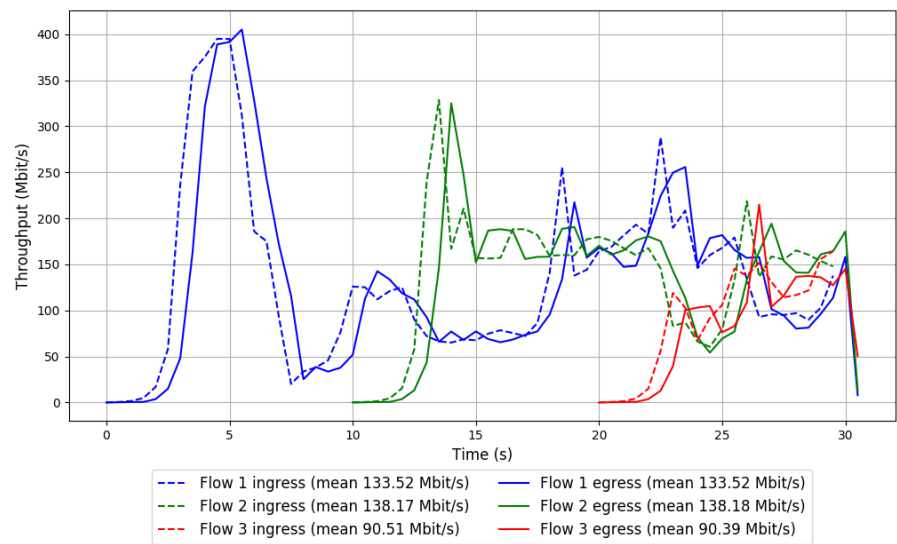
-- Flow 3:

Average throughput: 90.39 Mbit/s

95th percentile per-packet one-way delay: 140.625 ms

Loss rate: 0.11%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2018-06-30 17:05:16

End at: 2018-06-30 17:05:46

Local clock offset: 0.226 ms

Remote clock offset: 0.05 ms

Below is generated by plot.py at 2018-06-30 20:39:01

Datalink statistics

-- Total of 3 flows:

Average throughput: 270.65 Mbit/s

95th percentile per-packet one-way delay: 205.158 ms

Loss rate: 0.12%

-- Flow 1:

Average throughput: 161.14 Mbit/s

95th percentile per-packet one-way delay: 207.890 ms

Loss rate: 0.19%

-- Flow 2:

Average throughput: 121.79 Mbit/s

95th percentile per-packet one-way delay: 171.649 ms

Loss rate: 0.00%

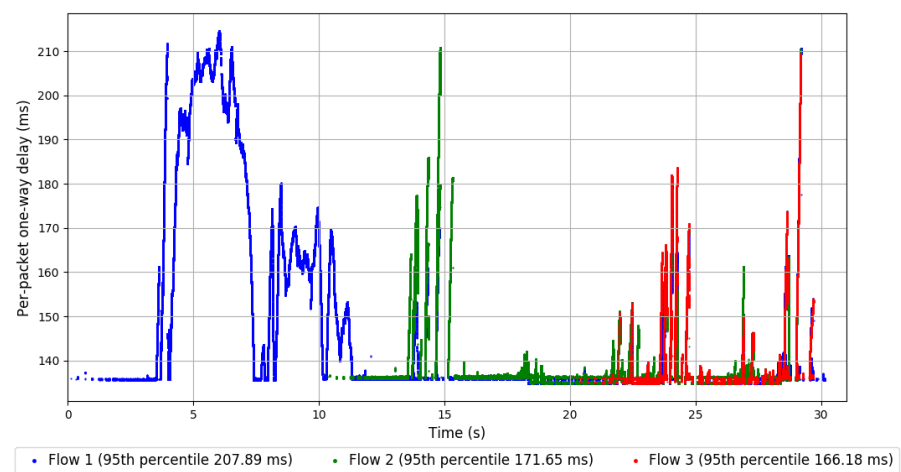
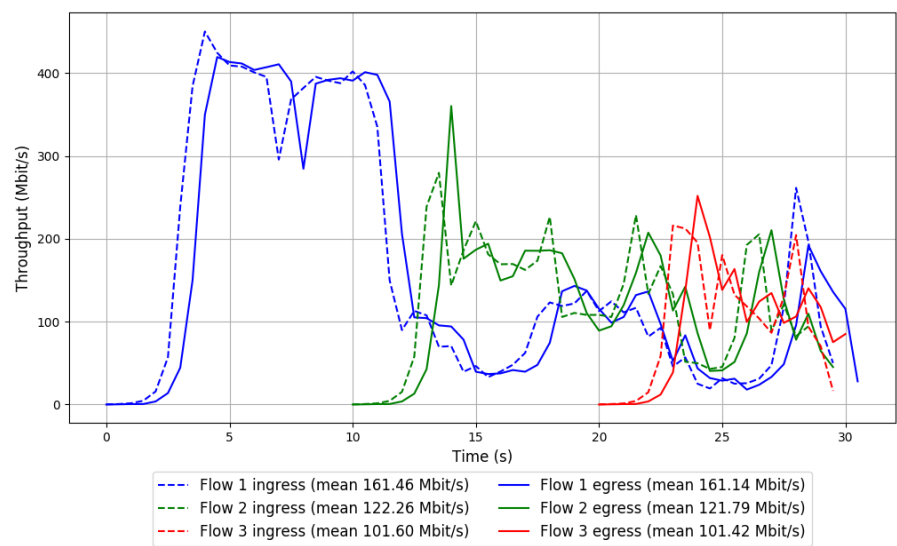
-- Flow 3:

Average throughput: 101.42 Mbit/s

95th percentile per-packet one-way delay: 166.176 ms

Loss rate: 0.00%

Run 3: Report of Copa — Data Link

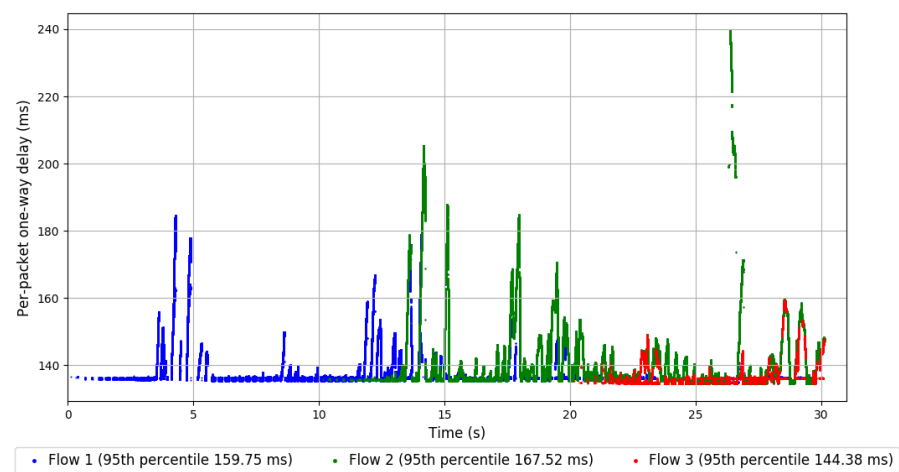
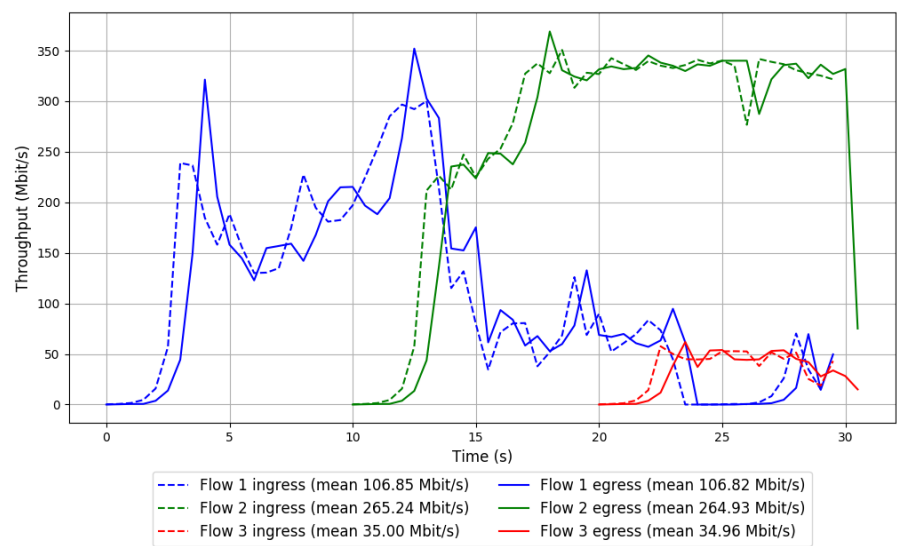


Run 4: Statistics of Copa

Start at: 2018-06-30 17:31:30
End at: 2018-06-30 17:32:00
Local clock offset: 0.253 ms
Remote clock offset: -0.001 ms

Below is generated by plot.py at 2018-06-30 20:39:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 292.05 Mbit/s
95th percentile per-packet one-way delay: 163.592 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 106.82 Mbit/s
95th percentile per-packet one-way delay: 159.755 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 264.93 Mbit/s
95th percentile per-packet one-way delay: 167.518 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 34.96 Mbit/s
95th percentile per-packet one-way delay: 144.376 ms
Loss rate: 0.00%

Run 4: Report of Copa — Data Link

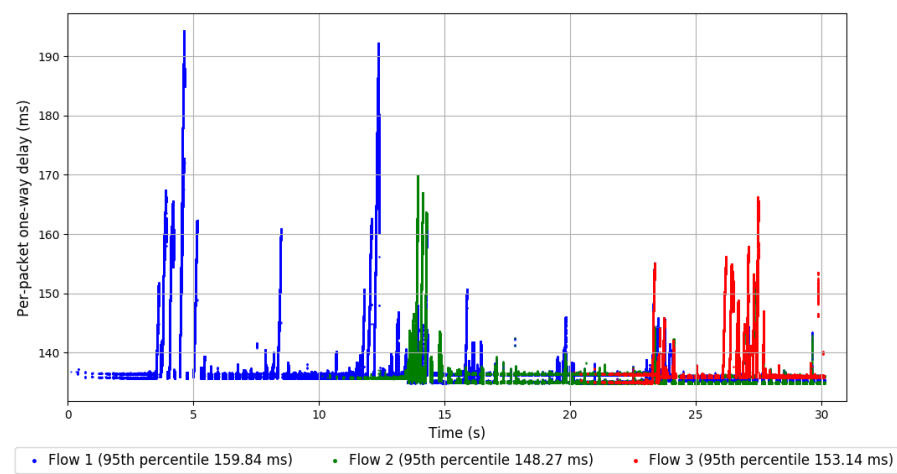
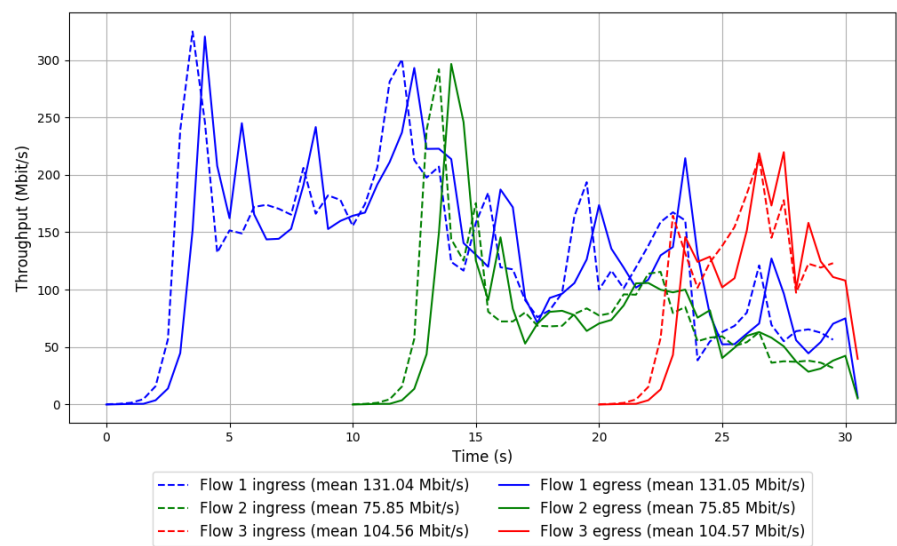


Run 5: Statistics of Copa

Start at: 2018-06-30 17:58:01
End at: 2018-06-30 17:58:31
Local clock offset: -0.012 ms
Remote clock offset: -0.025 ms

Below is generated by plot.py at 2018-06-30 20:39:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 216.23 Mbit/s
95th percentile per-packet one-way delay: 156.953 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 131.05 Mbit/s
95th percentile per-packet one-way delay: 159.840 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 75.85 Mbit/s
95th percentile per-packet one-way delay: 148.268 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 104.57 Mbit/s
95th percentile per-packet one-way delay: 153.143 ms
Loss rate: 0.00%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2018-06-30 18:24:00

End at: 2018-06-30 18:24:30

Local clock offset: 0.113 ms

Remote clock offset: -0.05 ms

Below is generated by plot.py at 2018-06-30 20:39:58

Datalink statistics

-- Total of 3 flows:

Average throughput: 235.25 Mbit/s

95th percentile per-packet one-way delay: 164.478 ms

Loss rate: 0.17%

-- Flow 1:

Average throughput: 125.72 Mbit/s

95th percentile per-packet one-way delay: 165.230 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 112.68 Mbit/s

95th percentile per-packet one-way delay: 169.203 ms

Loss rate: 0.00%

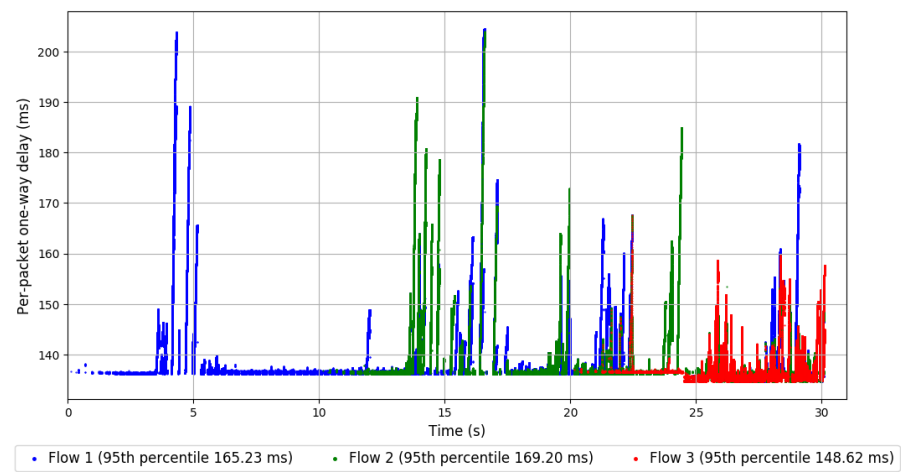
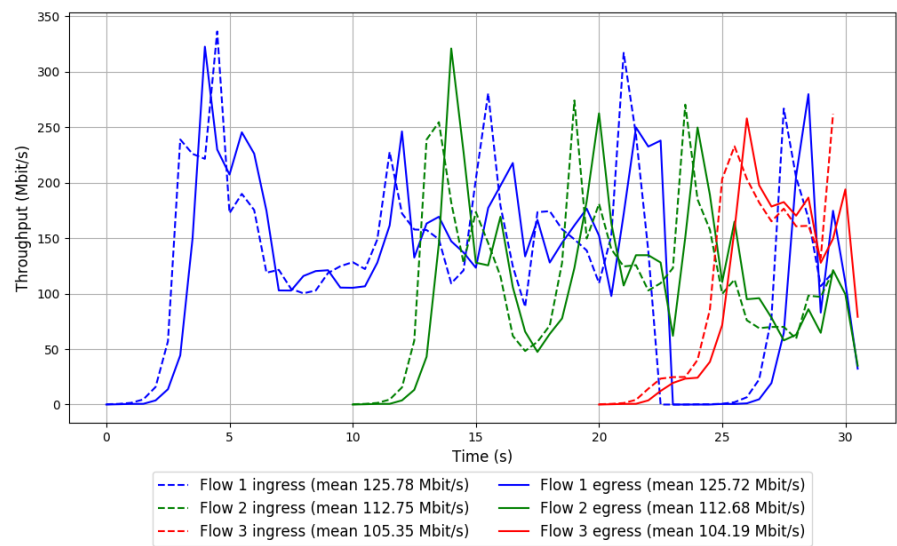
-- Flow 3:

Average throughput: 104.19 Mbit/s

95th percentile per-packet one-way delay: 148.625 ms

Loss rate: 1.09%

Run 6: Report of Copa — Data Link

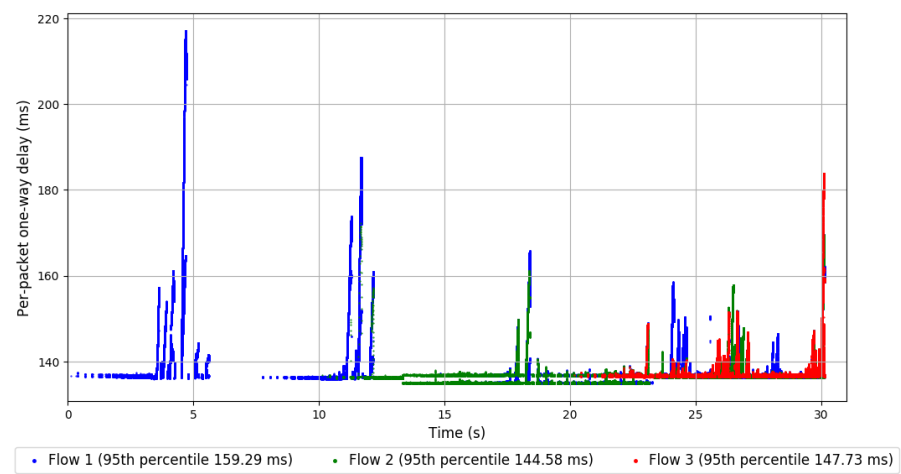
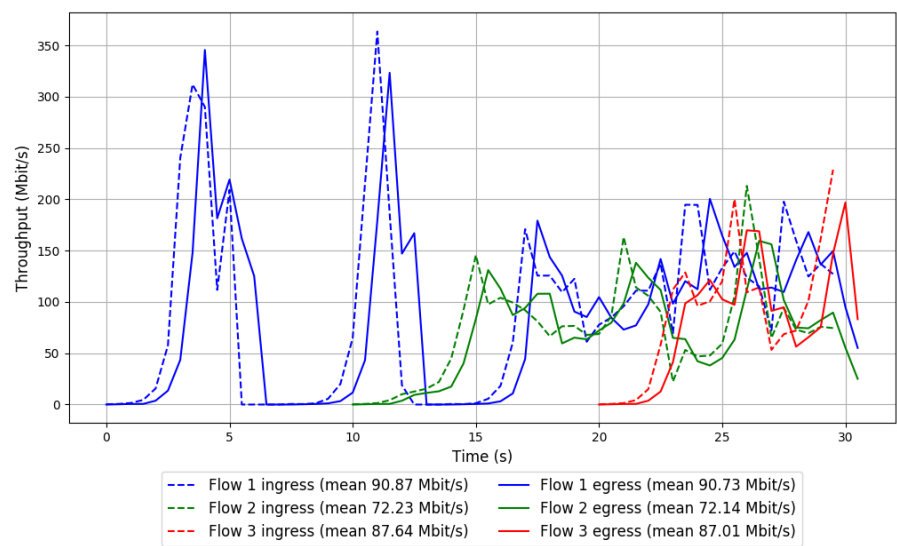


Run 7: Statistics of Copa

Start at: 2018-06-30 18:50:01
End at: 2018-06-30 18:50:31
Local clock offset: -0.01 ms
Remote clock offset: 0.069 ms

Below is generated by plot.py at 2018-06-30 20:39:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 167.69 Mbit/s
95th percentile per-packet one-way delay: 155.458 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 90.73 Mbit/s
95th percentile per-packet one-way delay: 159.292 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 72.14 Mbit/s
95th percentile per-packet one-way delay: 144.583 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 87.01 Mbit/s
95th percentile per-packet one-way delay: 147.730 ms
Loss rate: 0.71%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: 2018-06-30 19:16:08

End at: 2018-06-30 19:16:38

Local clock offset: 0.242 ms

Remote clock offset: 0.07 ms

Below is generated by plot.py at 2018-06-30 20:41:53

Datalink statistics

-- Total of 3 flows:

Average throughput: 261.53 Mbit/s

95th percentile per-packet one-way delay: 148.937 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 176.11 Mbit/s

95th percentile per-packet one-way delay: 147.526 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 100.81 Mbit/s

95th percentile per-packet one-way delay: 139.486 ms

Loss rate: 0.00%

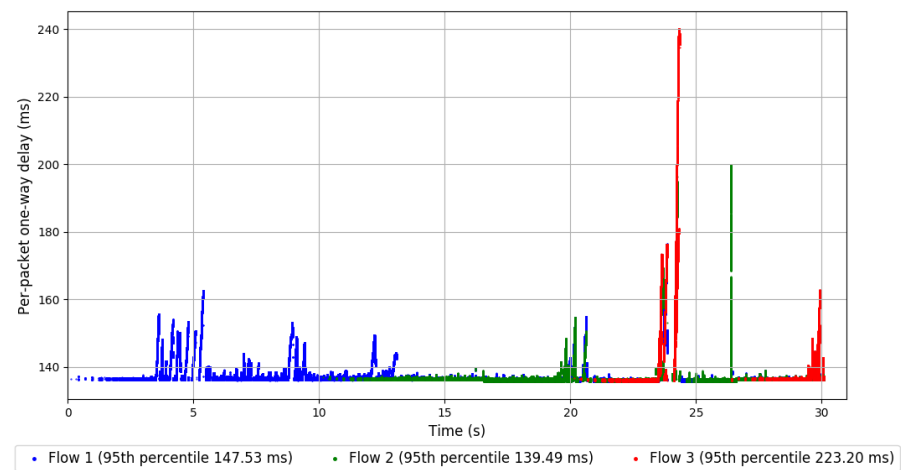
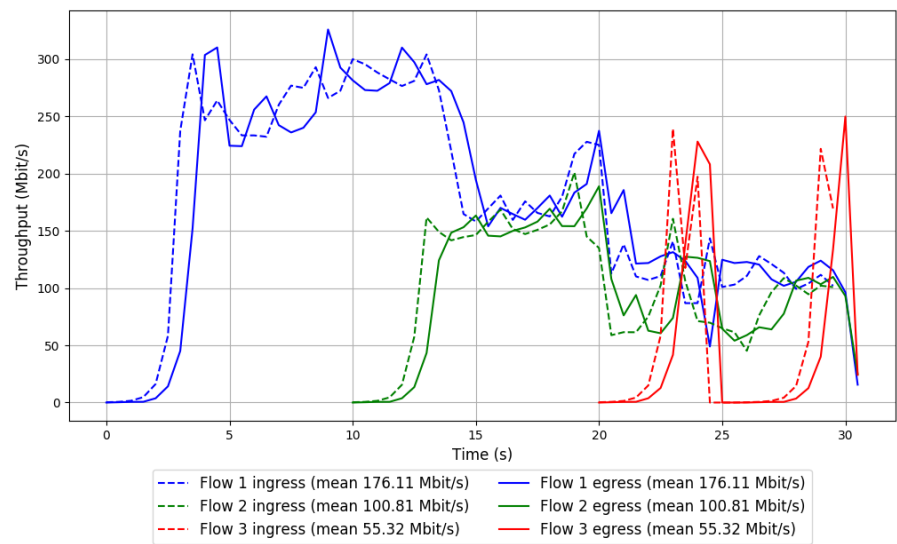
-- Flow 3:

Average throughput: 55.32 Mbit/s

95th percentile per-packet one-way delay: 223.204 ms

Loss rate: 0.00%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2018-06-30 19:42:46

End at: 2018-06-30 19:43:16

Local clock offset: 0.016 ms

Remote clock offset: 0.007 ms

Below is generated by plot.py at 2018-06-30 20:43:40

Datalink statistics

-- Total of 3 flows:

Average throughput: 241.30 Mbit/s

95th percentile per-packet one-way delay: 160.750 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 132.82 Mbit/s

95th percentile per-packet one-way delay: 145.010 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 130.30 Mbit/s

95th percentile per-packet one-way delay: 169.531 ms

Loss rate: 0.00%

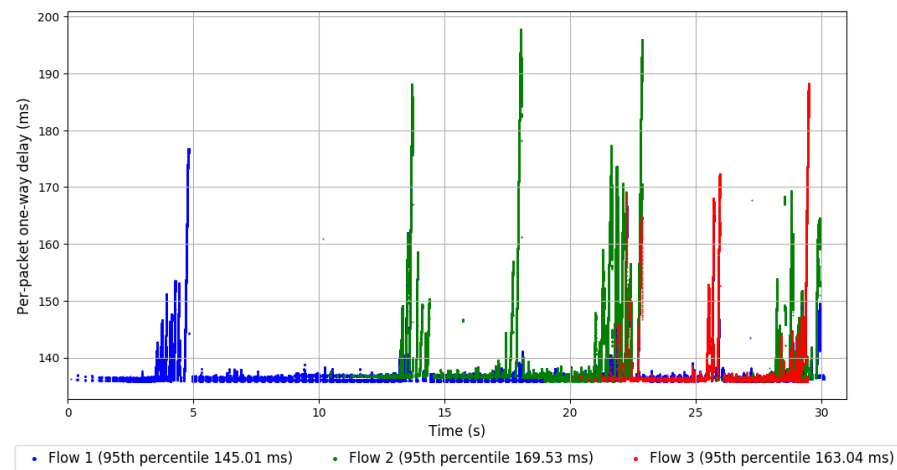
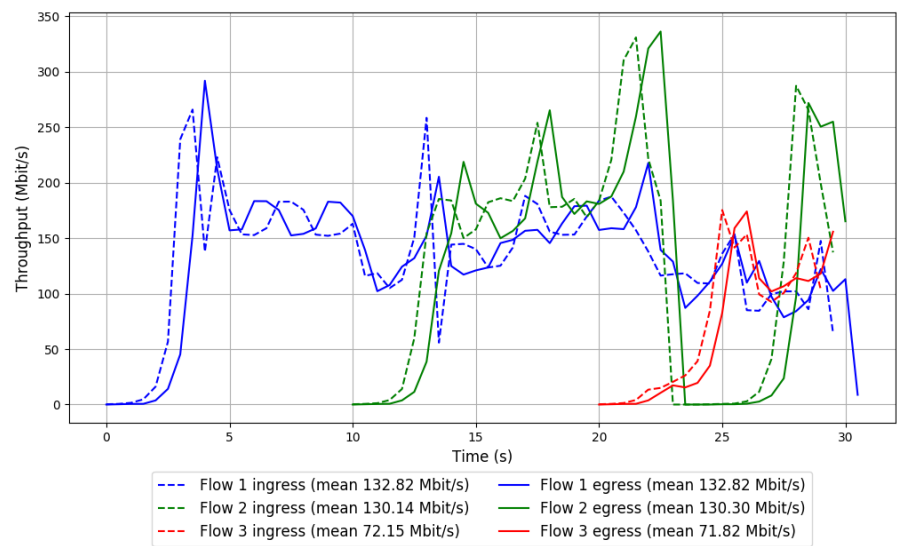
-- Flow 3:

Average throughput: 71.82 Mbit/s

95th percentile per-packet one-way delay: 163.044 ms

Loss rate: 0.00%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2018-06-30 20:08:56

End at: 2018-06-30 20:09:26

Local clock offset: 0.247 ms

Remote clock offset: 0.064 ms

Below is generated by plot.py at 2018-06-30 20:46:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 292.66 Mbit/s

95th percentile per-packet one-way delay: 168.299 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 177.72 Mbit/s

95th percentile per-packet one-way delay: 170.324 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 131.29 Mbit/s

95th percentile per-packet one-way delay: 158.947 ms

Loss rate: 0.00%

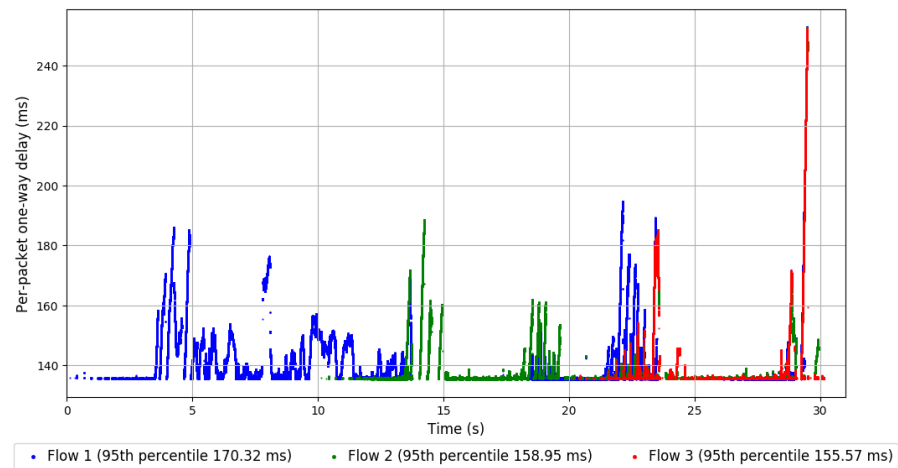
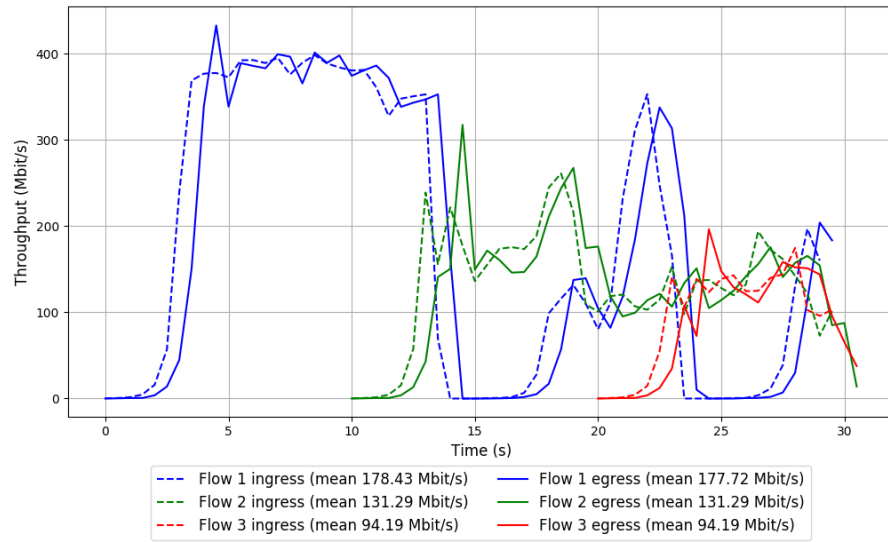
-- Flow 3:

Average throughput: 94.19 Mbit/s

95th percentile per-packet one-way delay: 155.570 ms

Loss rate: 0.00%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2018-06-30 16:16:11

End at: 2018-06-30 16:16:41

Local clock offset: -0.435 ms

Remote clock offset: 0.103 ms

Below is generated by plot.py at 2018-06-30 20:46:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 114.20 Mbit/s

95th percentile per-packet one-way delay: 145.214 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 81.46 Mbit/s

95th percentile per-packet one-way delay: 145.077 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 48.89 Mbit/s

95th percentile per-packet one-way delay: 146.072 ms

Loss rate: 0.00%

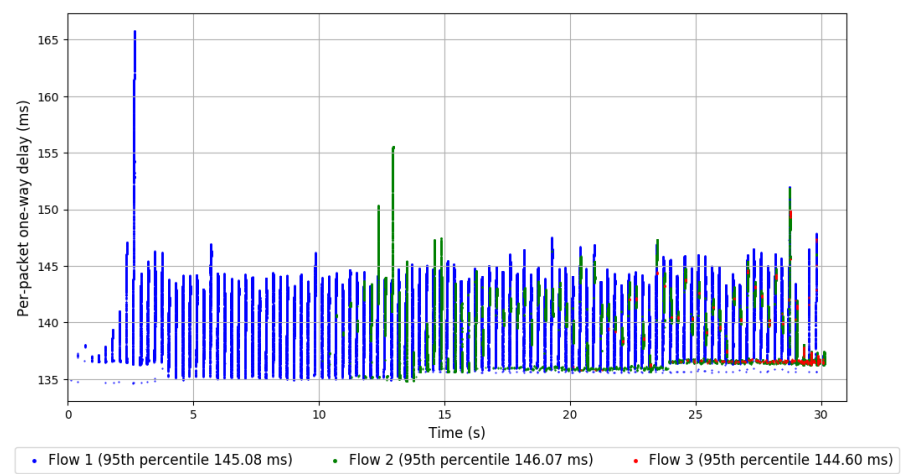
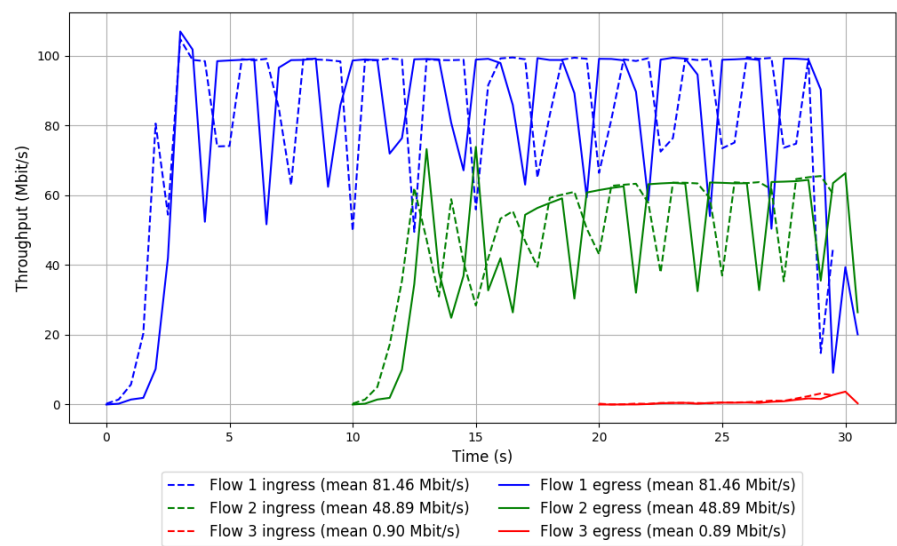
-- Flow 3:

Average throughput: 0.89 Mbit/s

95th percentile per-packet one-way delay: 144.602 ms

Loss rate: 1.35%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2018-06-30 16:42:17

End at: 2018-06-30 16:42:47

Local clock offset: -0.163 ms

Remote clock offset: 0.449 ms

Below is generated by plot.py at 2018-06-30 20:46:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 117.49 Mbit/s

95th percentile per-packet one-way delay: 147.243 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 52.28 Mbit/s

95th percentile per-packet one-way delay: 150.792 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 81.21 Mbit/s

95th percentile per-packet one-way delay: 146.005 ms

Loss rate: 0.00%

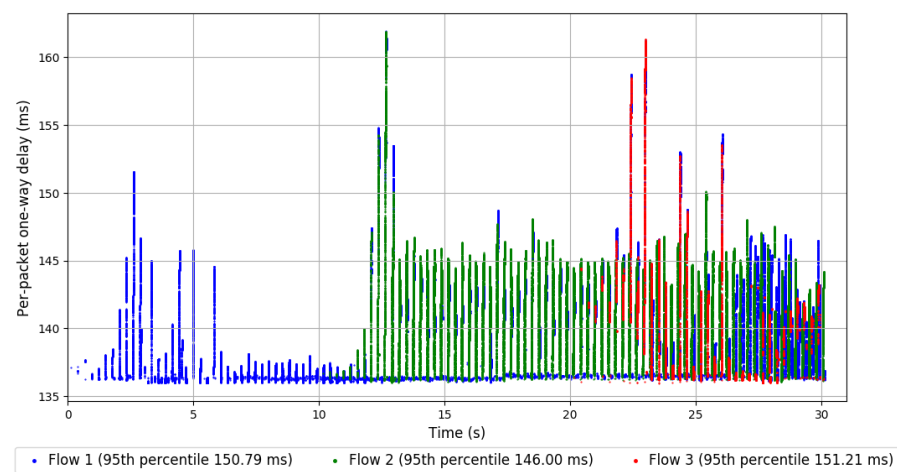
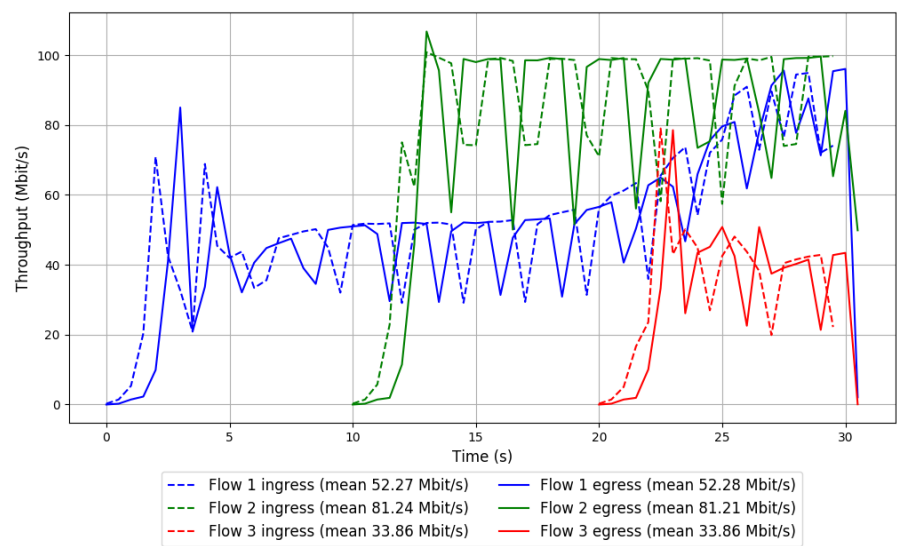
-- Flow 3:

Average throughput: 33.86 Mbit/s

95th percentile per-packet one-way delay: 151.206 ms

Loss rate: 0.00%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2018-06-30 17:08:15

End at: 2018-06-30 17:08:45

Local clock offset: 0.082 ms

Remote clock offset: 0.106 ms

Below is generated by plot.py at 2018-06-30 20:46:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.63 Mbit/s

95th percentile per-packet one-way delay: 144.648 ms

Loss rate: 0.06%

-- Flow 1:

Average throughput: 48.91 Mbit/s

95th percentile per-packet one-way delay: 143.315 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 35.97 Mbit/s

95th percentile per-packet one-way delay: 144.732 ms

Loss rate: 0.23%

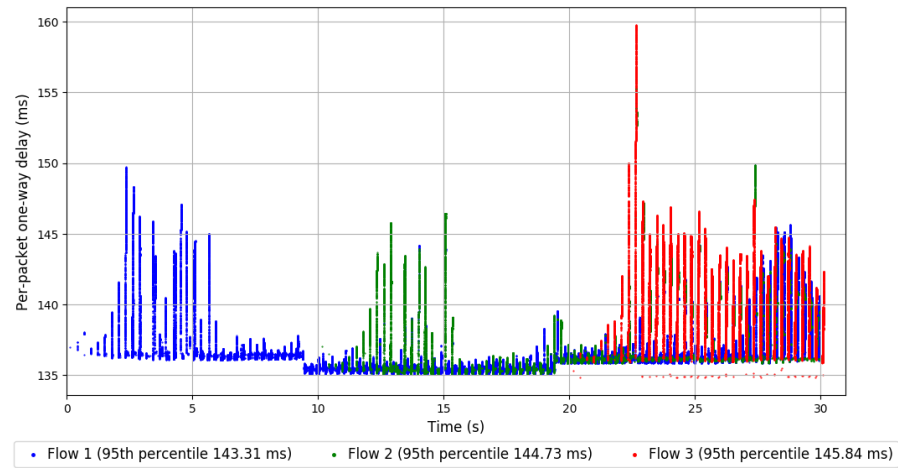
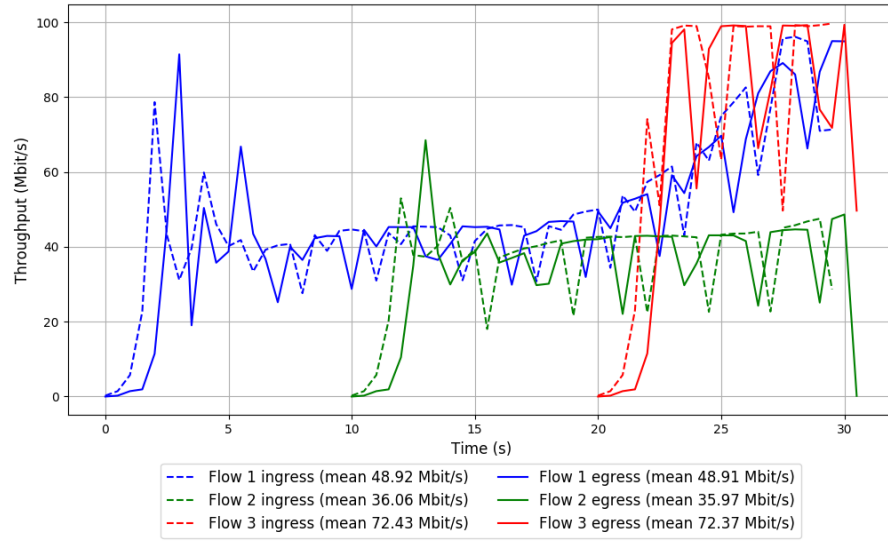
-- Flow 3:

Average throughput: 72.37 Mbit/s

95th percentile per-packet one-way delay: 145.841 ms

Loss rate: 0.03%

Run 3: Report of TCP Cubic — Data Link

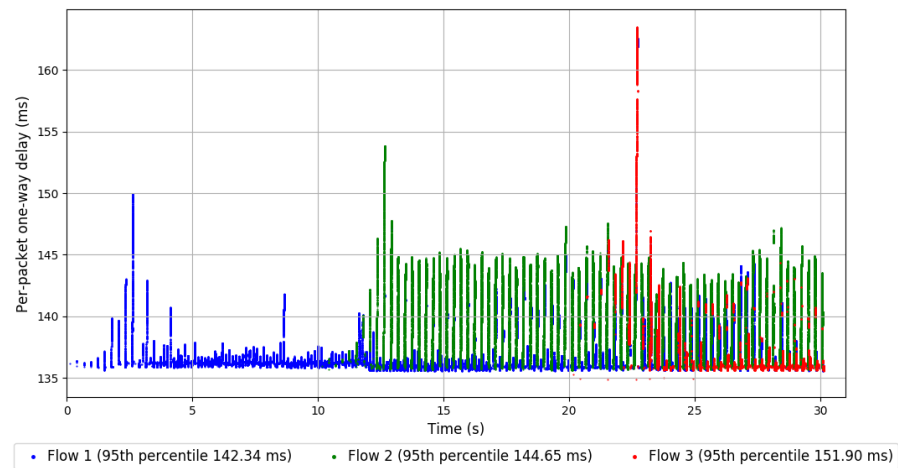
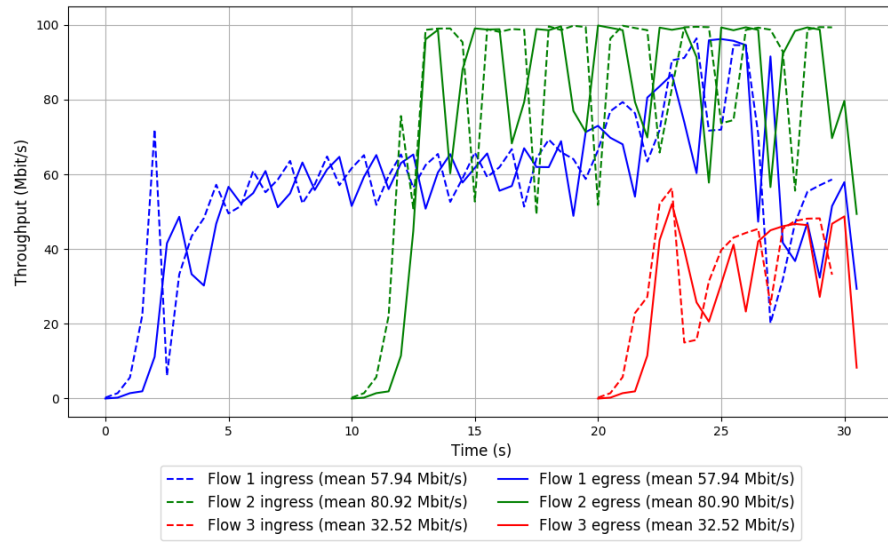


Run 4: Statistics of TCP Cubic

Start at: 2018-06-30 17:34:33
End at: 2018-06-30 17:35:03
Local clock offset: 0.137 ms
Remote clock offset: -0.008 ms

Below is generated by plot.py at 2018-06-30 20:46:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 122.52 Mbit/s
95th percentile per-packet one-way delay: 144.393 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.94 Mbit/s
95th percentile per-packet one-way delay: 142.335 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 80.90 Mbit/s
95th percentile per-packet one-way delay: 144.654 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 32.52 Mbit/s
95th percentile per-packet one-way delay: 151.903 ms
Loss rate: 0.00%

Run 4: Report of TCP Cubic — Data Link

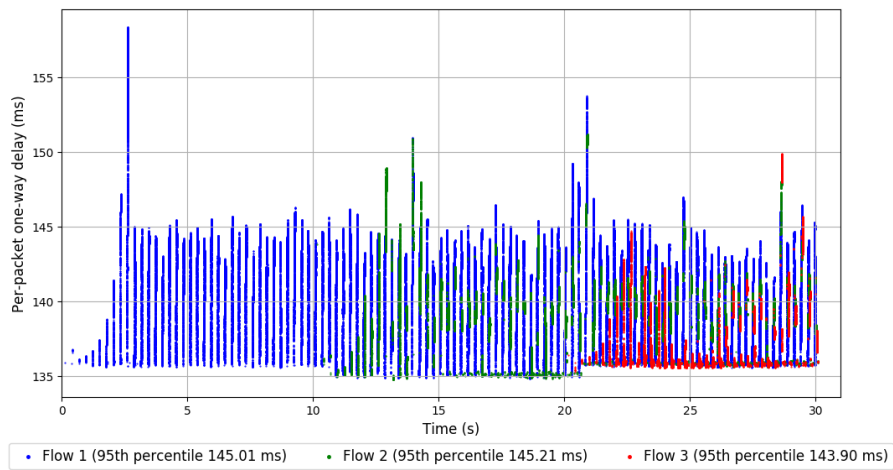
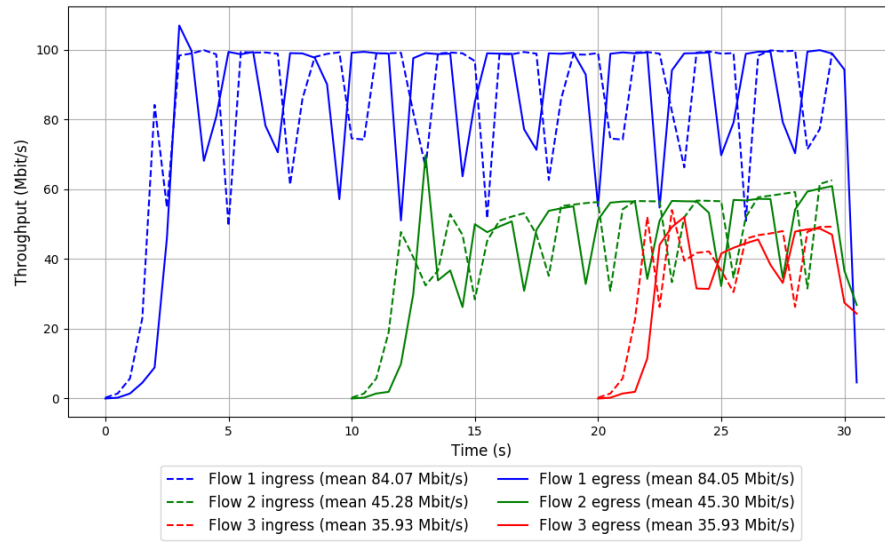


Run 5: Statistics of TCP Cubic

Start at: 2018-06-30 18:00:54
End at: 2018-06-30 18:01:24
Local clock offset: 0.083 ms
Remote clock offset: -0.002 ms

Below is generated by plot.py at 2018-06-30 20:46:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 125.85 Mbit/s
95th percentile per-packet one-way delay: 144.980 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 84.05 Mbit/s
95th percentile per-packet one-way delay: 145.015 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 45.30 Mbit/s
95th percentile per-packet one-way delay: 145.207 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 35.93 Mbit/s
95th percentile per-packet one-way delay: 143.899 ms
Loss rate: 0.00%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: 2018-06-30 18:26:54

End at: 2018-06-30 18:27:24

Local clock offset: 0.124 ms

Remote clock offset: 0.416 ms

Below is generated by plot.py at 2018-06-30 20:46:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 142.33 Mbit/s

95th percentile per-packet one-way delay: 145.976 ms

Loss rate: 0.07%

-- Flow 1:

Average throughput: 80.57 Mbit/s

95th percentile per-packet one-way delay: 145.944 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 57.64 Mbit/s

95th percentile per-packet one-way delay: 145.155 ms

Loss rate: 0.00%

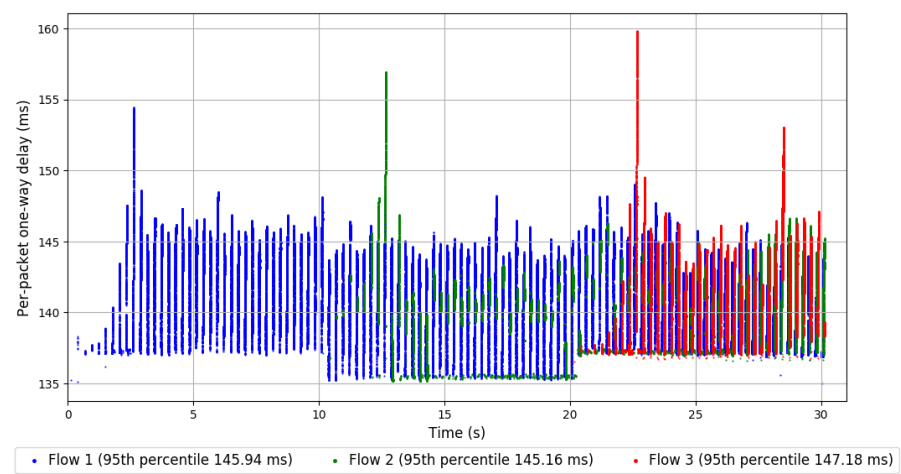
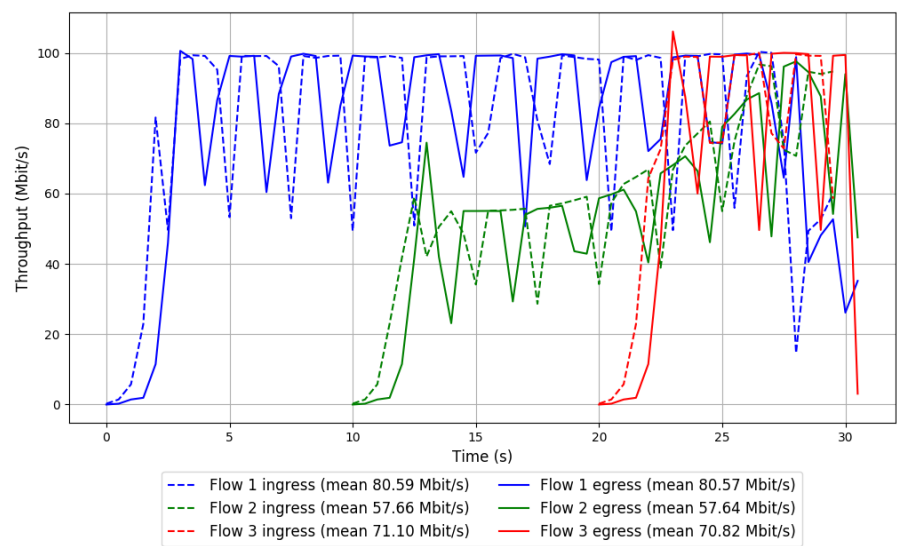
-- Flow 3:

Average throughput: 70.82 Mbit/s

95th percentile per-packet one-way delay: 147.183 ms

Loss rate: 0.39%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: 2018-06-30 18:52:49

End at: 2018-06-30 18:53:19

Local clock offset: 0.15 ms

Remote clock offset: 0.06 ms

Below is generated by plot.py at 2018-06-30 20:46:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 107.74 Mbit/s

95th percentile per-packet one-way delay: 145.622 ms

Loss rate: 0.08%

-- Flow 1:

Average throughput: 54.21 Mbit/s

95th percentile per-packet one-way delay: 145.358 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 80.42 Mbit/s

95th percentile per-packet one-way delay: 145.734 ms

Loss rate: 0.16%

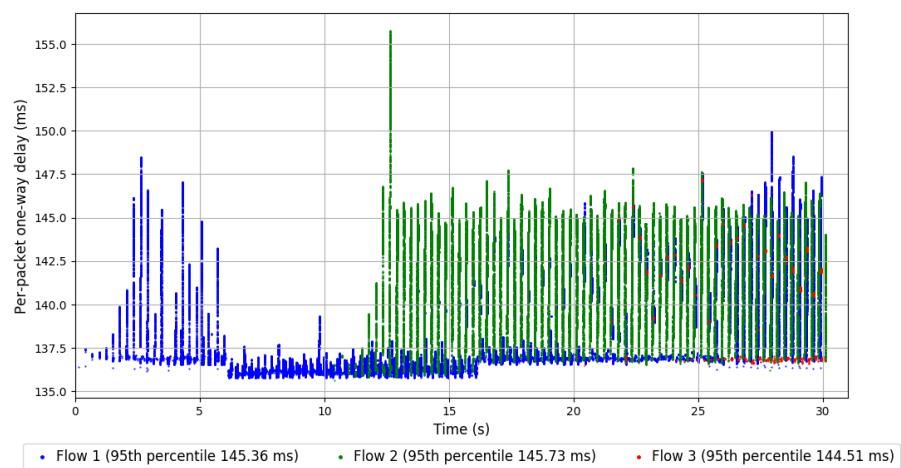
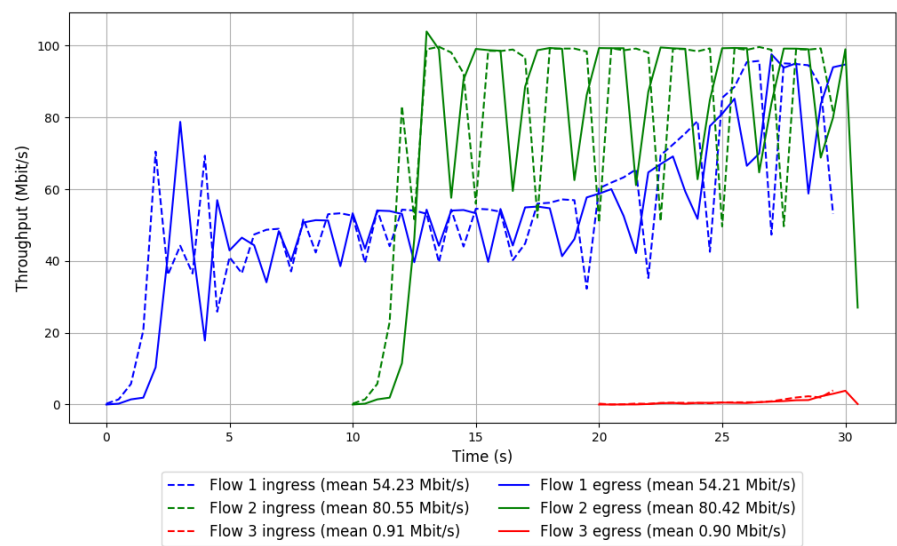
-- Flow 3:

Average throughput: 0.90 Mbit/s

95th percentile per-packet one-way delay: 144.507 ms

Loss rate: 1.33%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2018-06-30 19:19:07

End at: 2018-06-30 19:19:37

Local clock offset: 0.066 ms

Remote clock offset: 0.064 ms

Below is generated by plot.py at 2018-06-30 20:46:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 105.99 Mbit/s

95th percentile per-packet one-way delay: 146.368 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 83.33 Mbit/s

95th percentile per-packet one-way delay: 145.924 ms

Loss rate: 0.02%

-- Flow 2:

Average throughput: 17.15 Mbit/s

95th percentile per-packet one-way delay: 148.289 ms

Loss rate: 0.02%

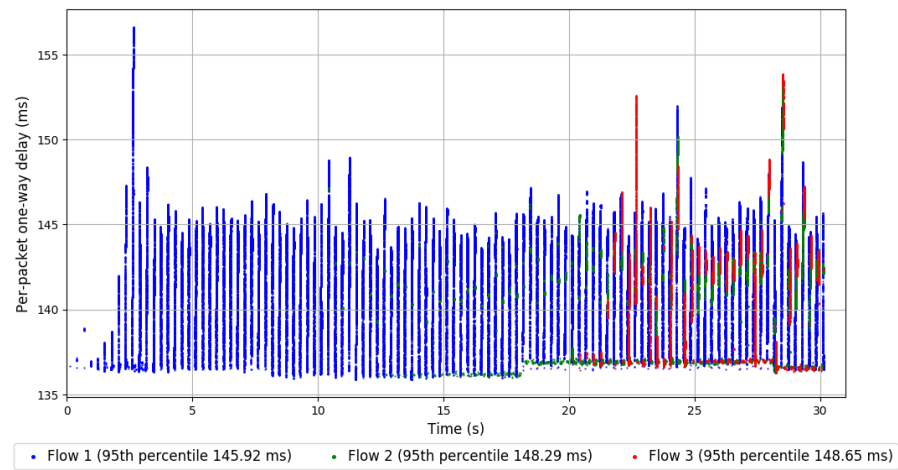
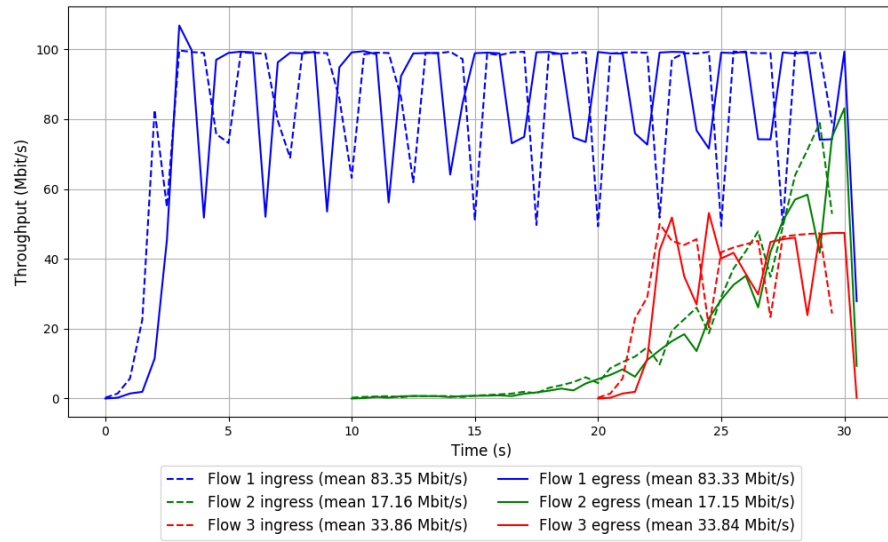
-- Flow 3:

Average throughput: 33.84 Mbit/s

95th percentile per-packet one-way delay: 148.647 ms

Loss rate: 0.00%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: 2018-06-30 19:45:43

End at: 2018-06-30 19:46:13

Local clock offset: 0.093 ms

Remote clock offset: 0.014 ms

Below is generated by plot.py at 2018-06-30 20:46:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 142.41 Mbit/s

95th percentile per-packet one-way delay: 145.692 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 75.10 Mbit/s

95th percentile per-packet one-way delay: 145.350 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 66.53 Mbit/s

95th percentile per-packet one-way delay: 145.286 ms

Loss rate: 0.00%

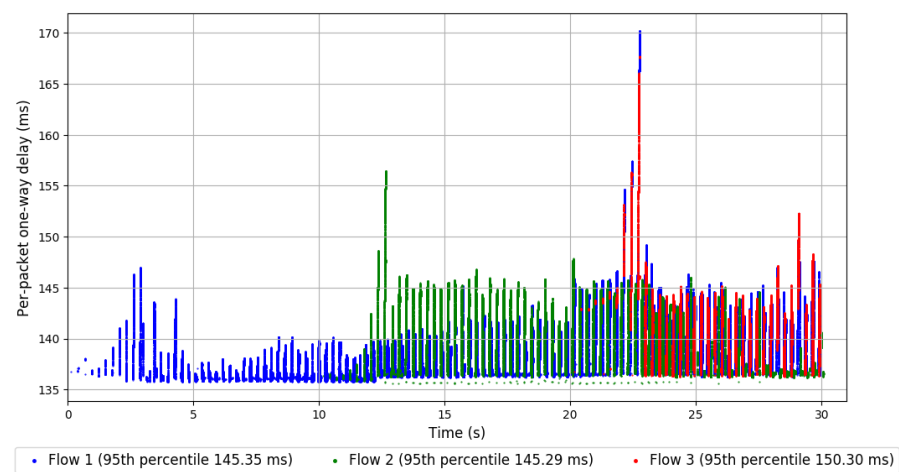
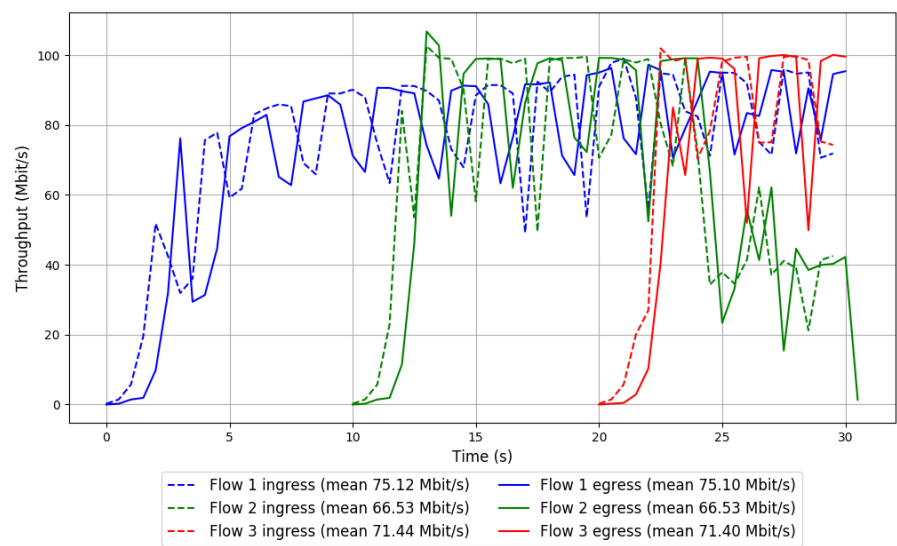
-- Flow 3:

Average throughput: 71.40 Mbit/s

95th percentile per-packet one-way delay: 150.300 ms

Loss rate: 0.00%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-06-30 20:11:58

End at: 2018-06-30 20:12:28

Local clock offset: -0.042 ms

Remote clock offset: 0.069 ms

Below is generated by plot.py at 2018-06-30 20:46:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 83.42 Mbit/s

95th percentile per-packet one-way delay: 144.489 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 56.11 Mbit/s

95th percentile per-packet one-way delay: 144.497 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 17.36 Mbit/s

95th percentile per-packet one-way delay: 144.620 ms

Loss rate: 0.00%

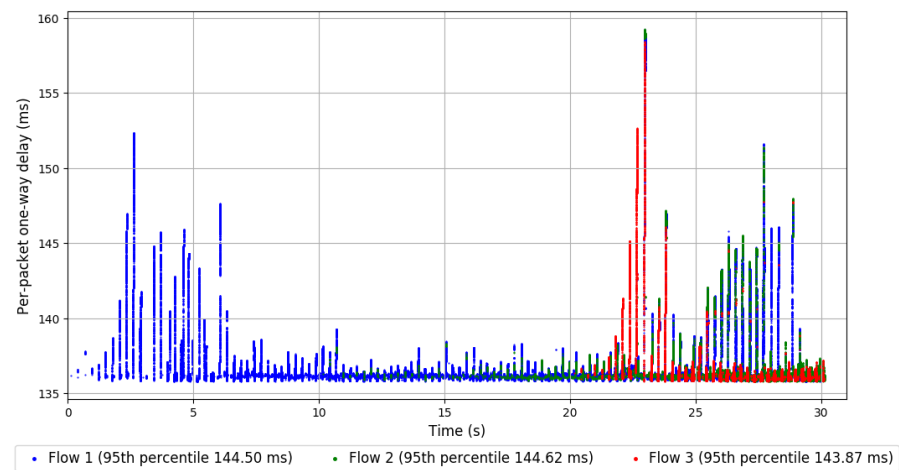
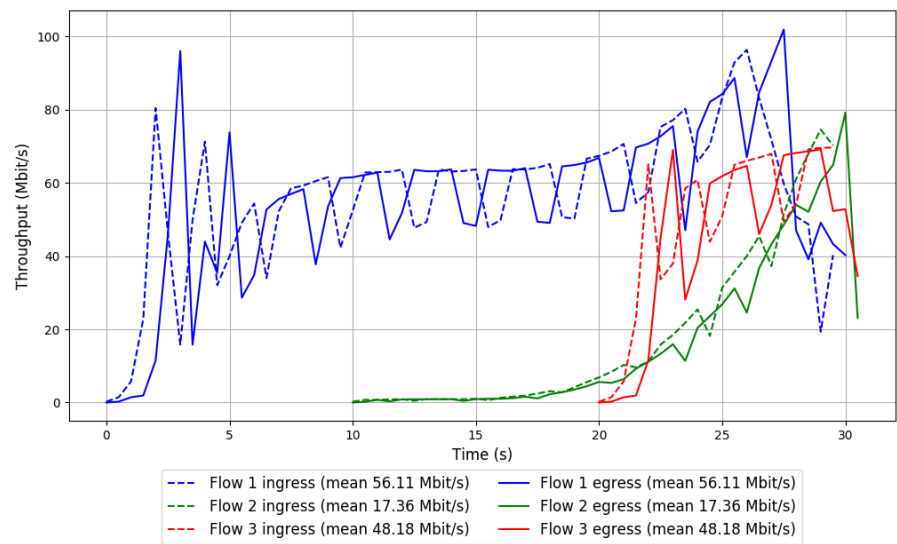
-- Flow 3:

Average throughput: 48.18 Mbit/s

95th percentile per-packet one-way delay: 143.872 ms

Loss rate: 0.00%

Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of FillP

Start at: 2018-06-30 16:11:07

End at: 2018-06-30 16:11:37

Local clock offset: -0.29 ms

Remote clock offset: 0.444 ms

Below is generated by plot.py at 2018-06-30 21:09:21

Datalink statistics

-- Total of 3 flows:

Average throughput: 1293.21 Mbit/s

95th percentile per-packet one-way delay: 277.075 ms

Loss rate: 3.12%

-- Flow 1:

Average throughput: 687.83 Mbit/s

95th percentile per-packet one-way delay: 240.693 ms

Loss rate: 4.29%

-- Flow 2:

Average throughput: 658.78 Mbit/s

95th percentile per-packet one-way delay: 320.933 ms

Loss rate: 2.39%

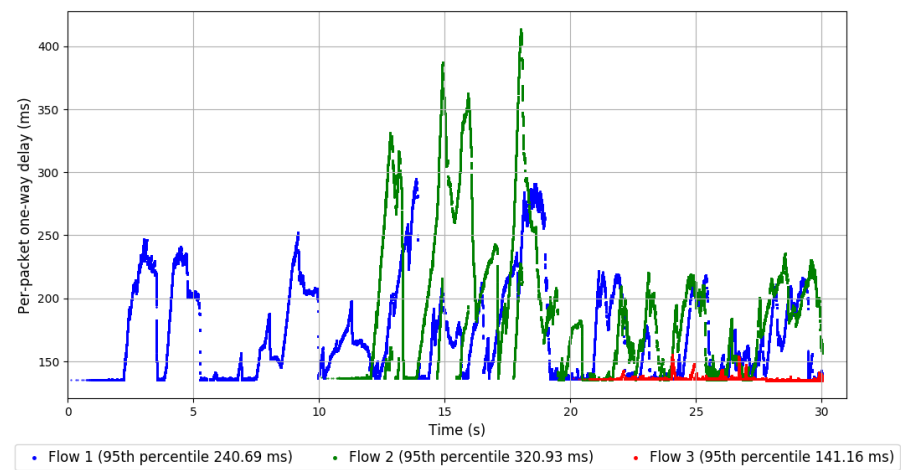
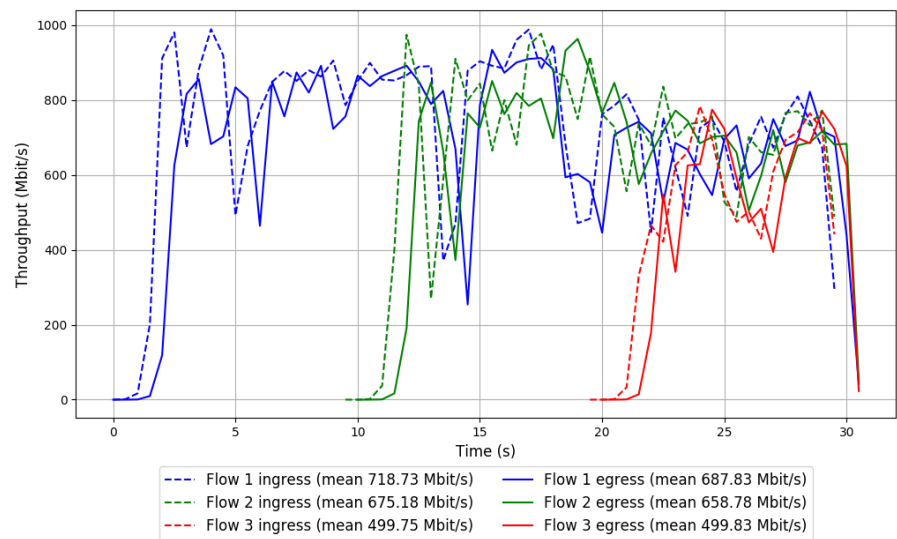
-- Flow 3:

Average throughput: 499.83 Mbit/s

95th percentile per-packet one-way delay: 141.164 ms

Loss rate: 0.00%

Run 1: Report of FillP — Data Link

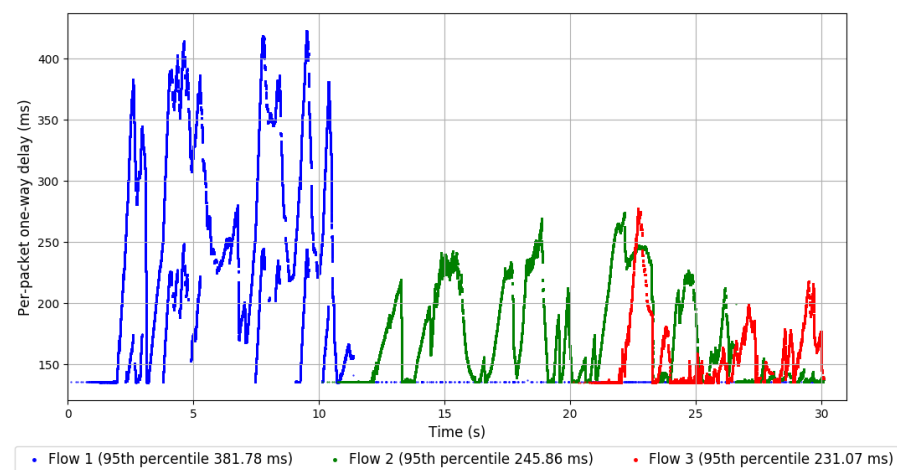
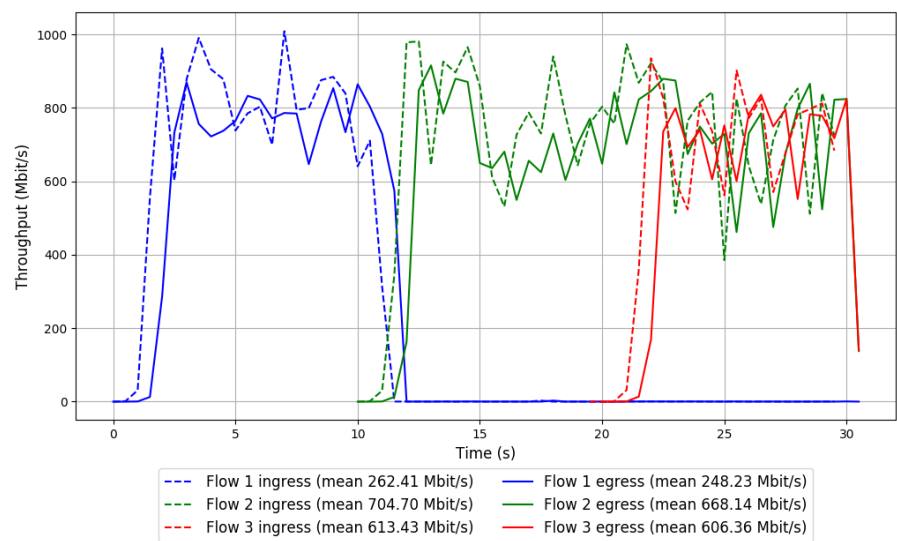


Run 2: Statistics of FillP

Start at: 2018-06-30 16:37:18
End at: 2018-06-30 16:37:48
Local clock offset: -0.467 ms
Remote clock offset: -0.276 ms

Below is generated by plot.py at 2018-06-30 21:09:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 894.73 Mbit/s
95th percentile per-packet one-way delay: 348.518 ms
Loss rate: 4.36%
-- Flow 1:
Average throughput: 248.23 Mbit/s
95th percentile per-packet one-way delay: 381.782 ms
Loss rate: 5.41%
-- Flow 2:
Average throughput: 668.14 Mbit/s
95th percentile per-packet one-way delay: 245.861 ms
Loss rate: 5.18%
-- Flow 3:
Average throughput: 606.36 Mbit/s
95th percentile per-packet one-way delay: 231.067 ms
Loss rate: 1.15%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2018-06-30 17:03:00

End at: 2018-06-30 17:03:30

Local clock offset: 0.318 ms

Remote clock offset: 0.116 ms

Below is generated by plot.py at 2018-06-30 21:09:21

Datalink statistics

-- Total of 3 flows:

Average throughput: 1226.61 Mbit/s

95th percentile per-packet one-way delay: 321.808 ms

Loss rate: 1.50%

-- Flow 1:

Average throughput: 659.39 Mbit/s

95th percentile per-packet one-way delay: 344.359 ms

Loss rate: 2.08%

-- Flow 2:

Average throughput: 614.53 Mbit/s

95th percentile per-packet one-way delay: 216.101 ms

Loss rate: 1.12%

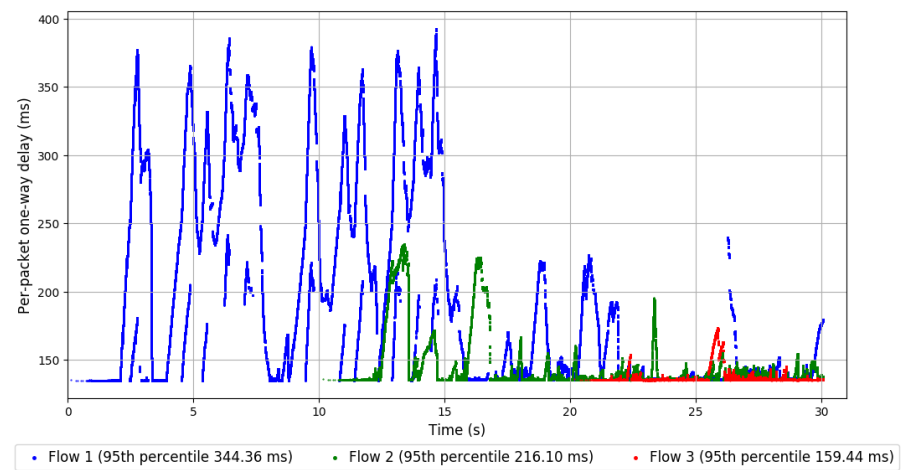
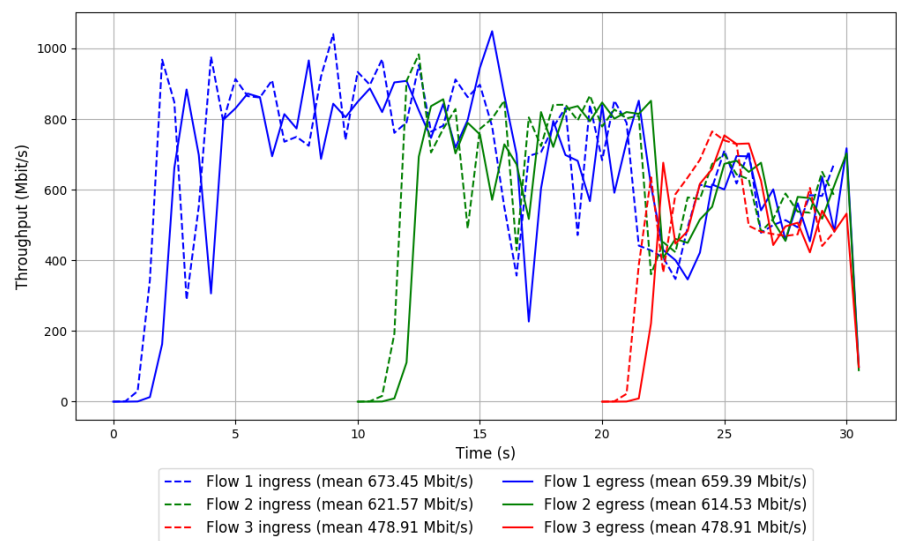
-- Flow 3:

Average throughput: 478.91 Mbit/s

95th percentile per-packet one-way delay: 159.438 ms

Loss rate: 0.00%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2018-06-30 17:29:11

End at: 2018-06-30 17:29:41

Local clock offset: 0.161 ms

Remote clock offset: 0.029 ms

Below is generated by plot.py at 2018-06-30 21:09:21

Datalink statistics

-- Total of 3 flows:

Average throughput: 1262.23 Mbit/s

95th percentile per-packet one-way delay: 343.929 ms

Loss rate: 1.43%

-- Flow 1:

Average throughput: 677.74 Mbit/s

95th percentile per-packet one-way delay: 350.205 ms

Loss rate: 2.33%

-- Flow 2:

Average throughput: 611.34 Mbit/s

95th percentile per-packet one-way delay: 343.556 ms

Loss rate: 0.52%

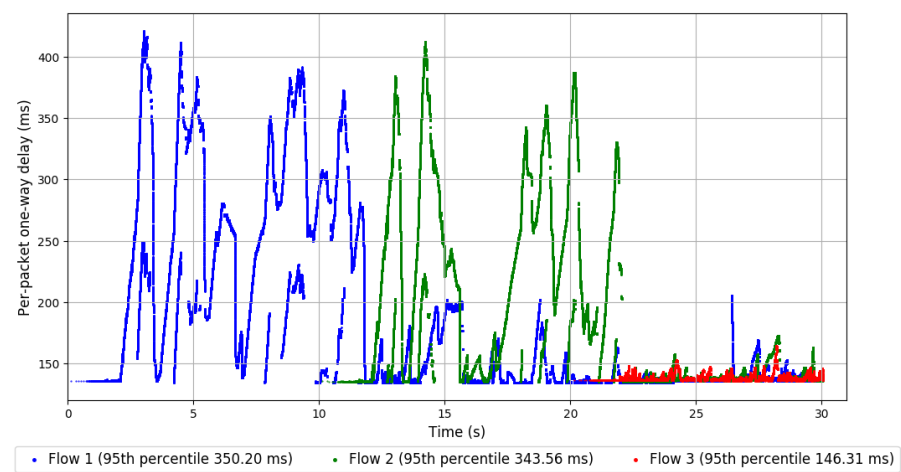
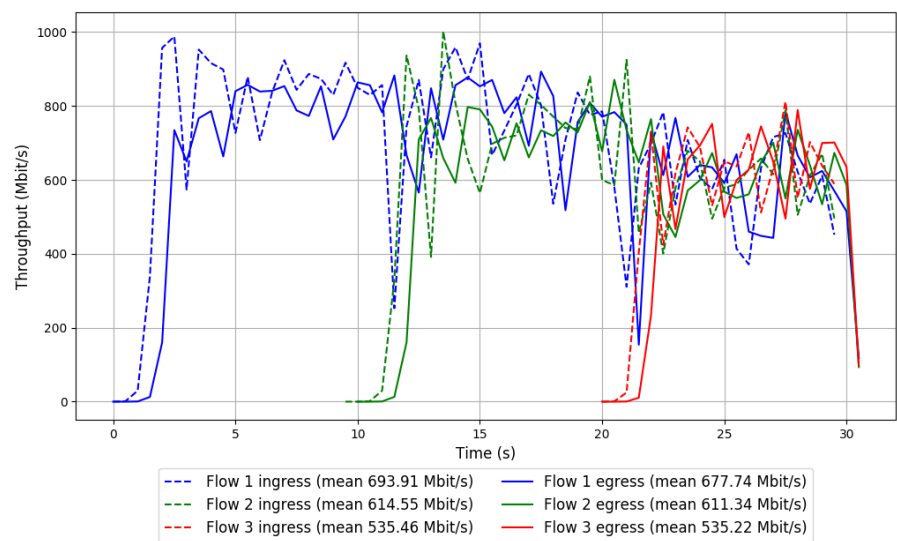
-- Flow 3:

Average throughput: 535.22 Mbit/s

95th percentile per-packet one-way delay: 146.315 ms

Loss rate: 0.00%

Run 4: Report of FillP — Data Link

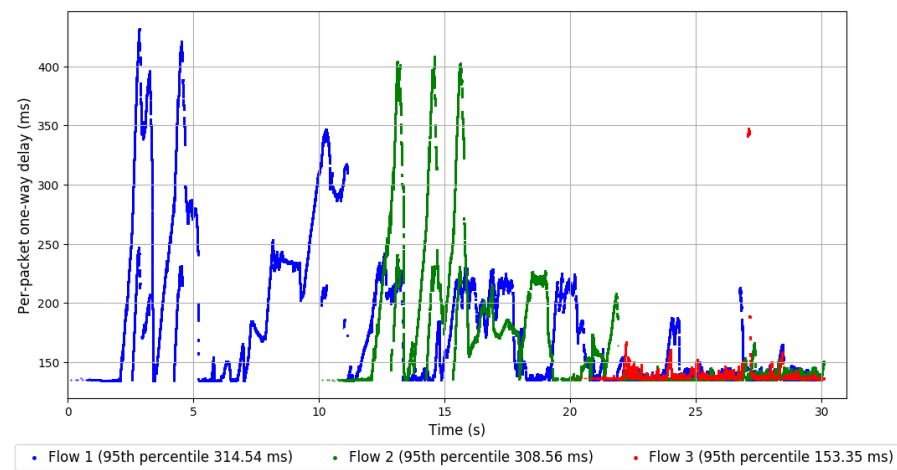
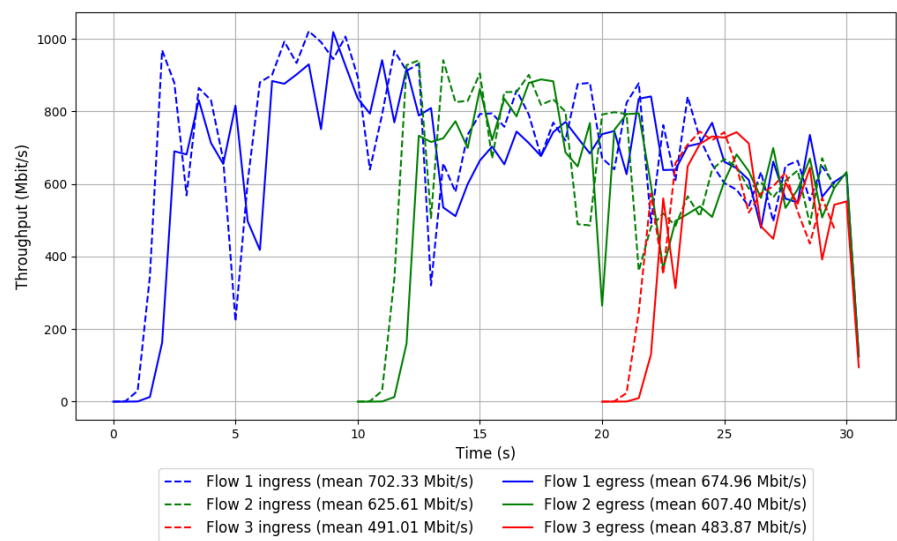


Run 5: Statistics of FillP

Start at: 2018-06-30 17:55:43
End at: 2018-06-30 17:56:13
Local clock offset: 0.057 ms
Remote clock offset: -0.027 ms

Below is generated by plot.py at 2018-06-30 21:09:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 1239.72 Mbit/s
95th percentile per-packet one-way delay: 306.176 ms
Loss rate: 3.27%
-- Flow 1:
Average throughput: 674.96 Mbit/s
95th percentile per-packet one-way delay: 314.544 ms
Loss rate: 3.90%
-- Flow 2:
Average throughput: 607.40 Mbit/s
95th percentile per-packet one-way delay: 308.563 ms
Loss rate: 2.91%
-- Flow 3:
Average throughput: 483.87 Mbit/s
95th percentile per-packet one-way delay: 153.354 ms
Loss rate: 1.47%

Run 5: Report of FillP — Data Link



Run 6: Statistics of FillP

Start at: 2018-06-30 18:21:42

End at: 2018-06-30 18:22:12

Local clock offset: 0.062 ms

Remote clock offset: 0.019 ms

Below is generated by plot.py at 2018-06-30 21:10:30

Datalink statistics

-- Total of 3 flows:

Average throughput: 1268.81 Mbit/s

95th percentile per-packet one-way delay: 217.580 ms

Loss rate: 2.16%

-- Flow 1:

Average throughput: 688.50 Mbit/s

95th percentile per-packet one-way delay: 213.448 ms

Loss rate: 2.70%

-- Flow 2:

Average throughput: 619.69 Mbit/s

95th percentile per-packet one-way delay: 225.734 ms

Loss rate: 2.12%

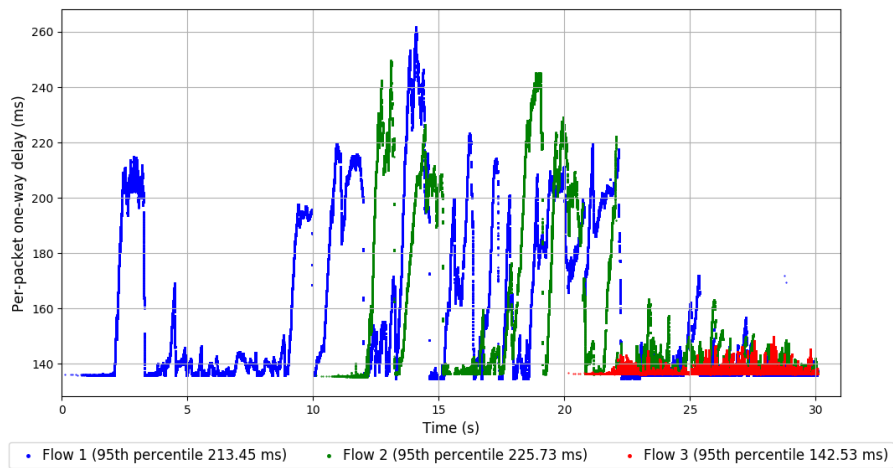
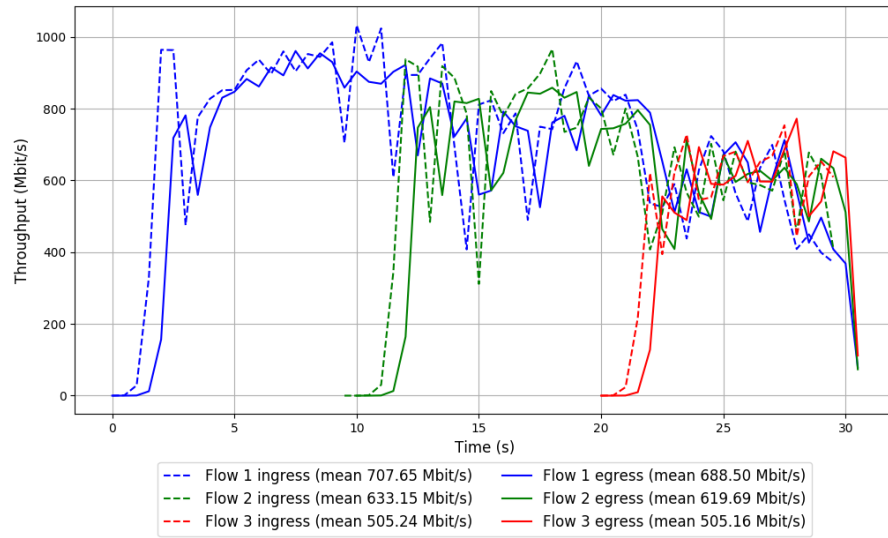
-- Flow 3:

Average throughput: 505.16 Mbit/s

95th percentile per-packet one-way delay: 142.531 ms

Loss rate: 0.00%

Run 6: Report of FillP — Data Link



Run 7: Statistics of FillP

Start at: 2018-06-30 18:47:47

End at: 2018-06-30 18:48:17

Local clock offset: 0.047 ms

Remote clock offset: 0.078 ms

Below is generated by plot.py at 2018-06-30 21:10:30

Datalink statistics

-- Total of 3 flows:

Average throughput: 1167.36 Mbit/s

95th percentile per-packet one-way delay: 236.962 ms

Loss rate: 5.11%

-- Flow 1:

Average throughput: 637.90 Mbit/s

95th percentile per-packet one-way delay: 223.105 ms

Loss rate: 5.39%

-- Flow 2:

Average throughput: 568.30 Mbit/s

95th percentile per-packet one-way delay: 261.924 ms

Loss rate: 6.43%

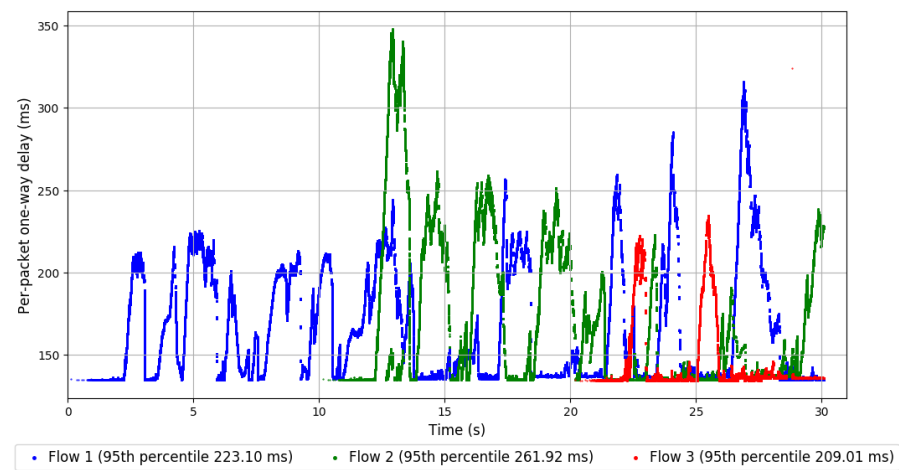
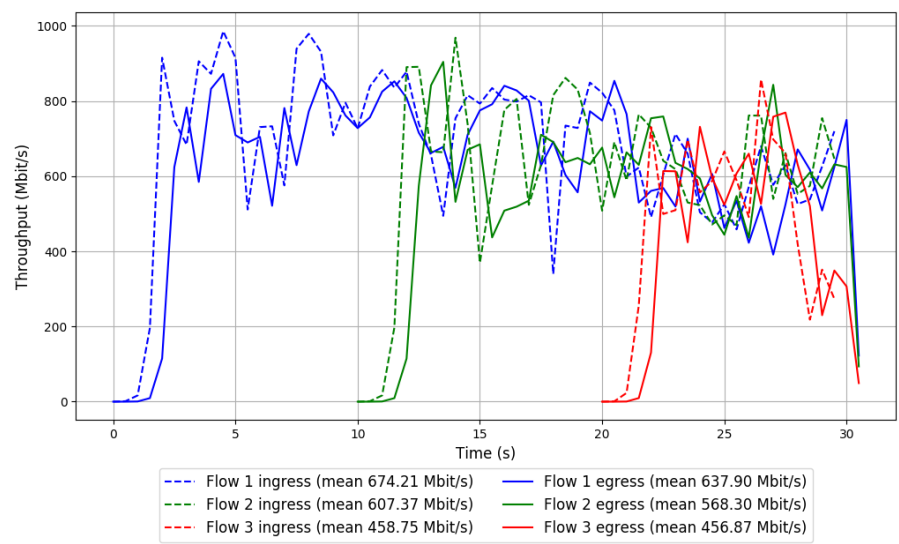
-- Flow 3:

Average throughput: 456.87 Mbit/s

95th percentile per-packet one-way delay: 209.014 ms

Loss rate: 0.40%

Run 7: Report of FillP — Data Link

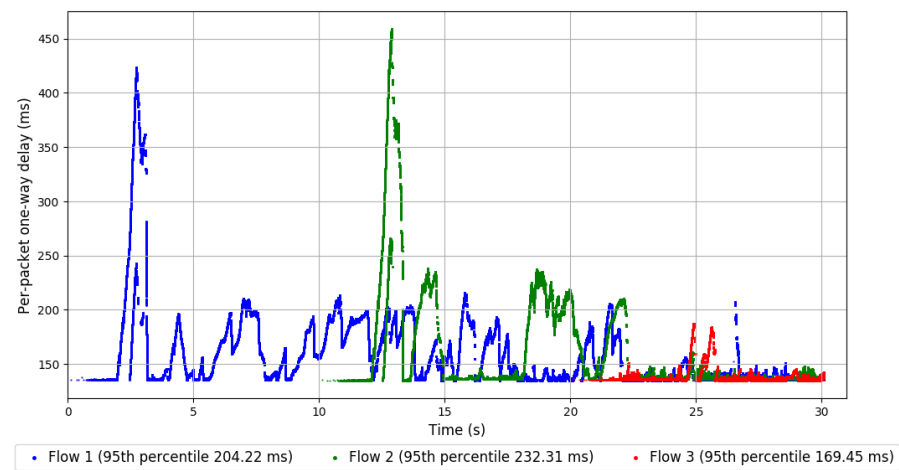
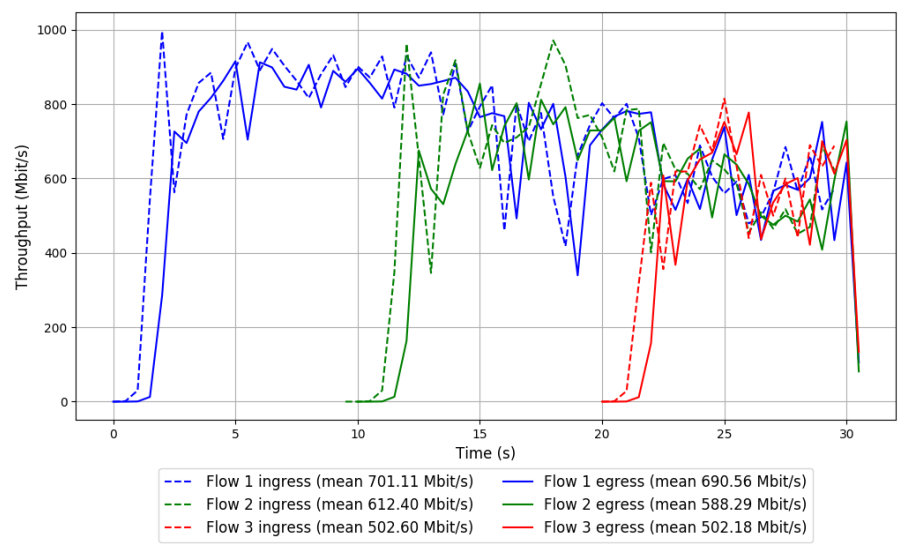


Run 8: Statistics of FillP

Start at: 2018-06-30 19:13:50
End at: 2018-06-30 19:14:20
Local clock offset: 0.087 ms
Remote clock offset: 0.043 ms

```
# Below is generated by plot.py at 2018-06-30 21:15:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1249.15 Mbit/s
95th percentile per-packet one-way delay: 216.263 ms
Loss rate: 2.09%
-- Flow 1:
Average throughput: 690.56 Mbit/s
95th percentile per-packet one-way delay: 204.216 ms
Loss rate: 1.51%
-- Flow 2:
Average throughput: 588.29 Mbit/s
95th percentile per-packet one-way delay: 232.314 ms
Loss rate: 3.93%
-- Flow 3:
Average throughput: 502.18 Mbit/s
95th percentile per-packet one-way delay: 169.449 ms
Loss rate: 0.07%
```

Run 8: Report of FillP — Data Link



Run 9: Statistics of FillP

Start at: 2018-06-30 19:40:26

End at: 2018-06-30 19:40:56

Local clock offset: 0.355 ms

Remote clock offset: 0.023 ms

Below is generated by plot.py at 2018-06-30 21:32:51

Datalink statistics

-- Total of 3 flows:

Average throughput: 1312.58 Mbit/s

95th percentile per-packet one-way delay: 212.685 ms

Loss rate: 2.76%

-- Flow 1:

Average throughput: 719.17 Mbit/s

95th percentile per-packet one-way delay: 218.945 ms

Loss rate: 3.70%

-- Flow 2:

Average throughput: 650.87 Mbit/s

95th percentile per-packet one-way delay: 210.369 ms

Loss rate: 2.15%

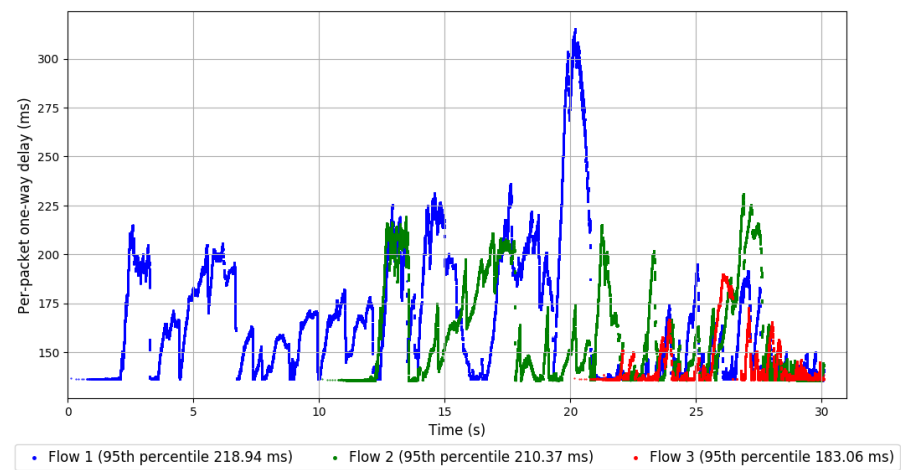
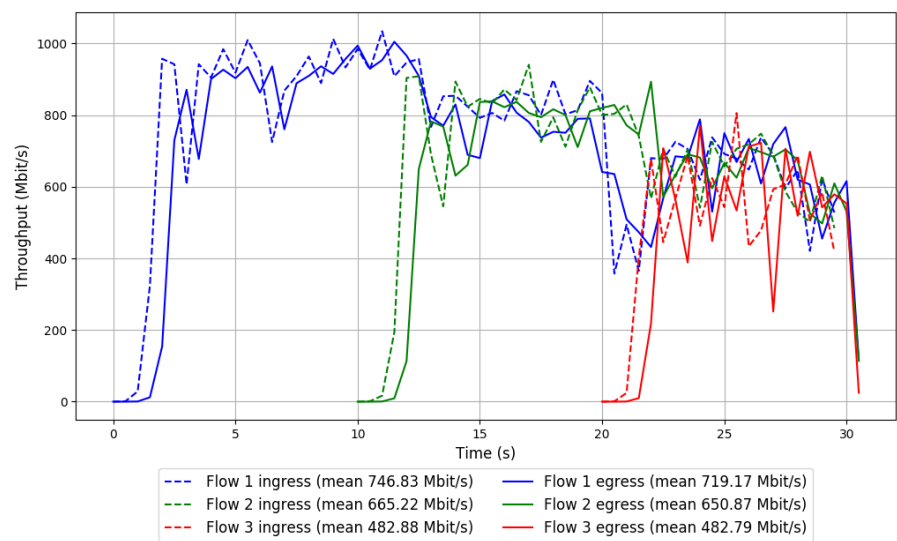
-- Flow 3:

Average throughput: 482.79 Mbit/s

95th percentile per-packet one-way delay: 183.062 ms

Loss rate: 0.01%

Run 9: Report of FillP — Data Link

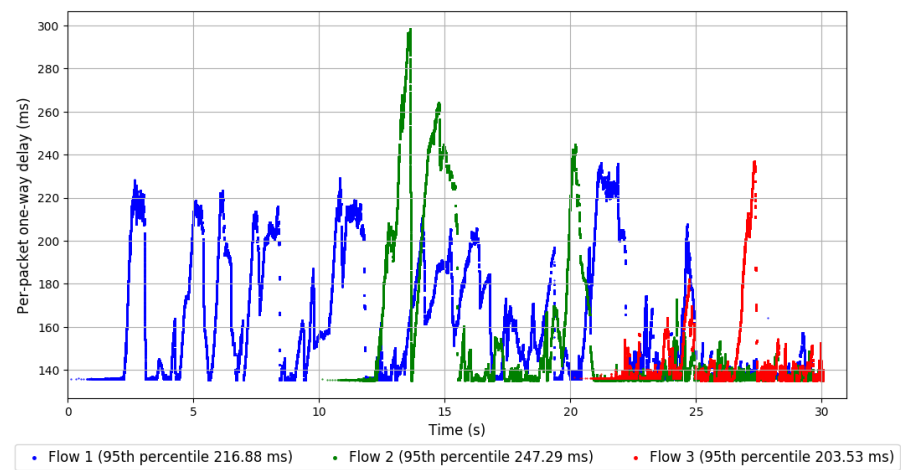
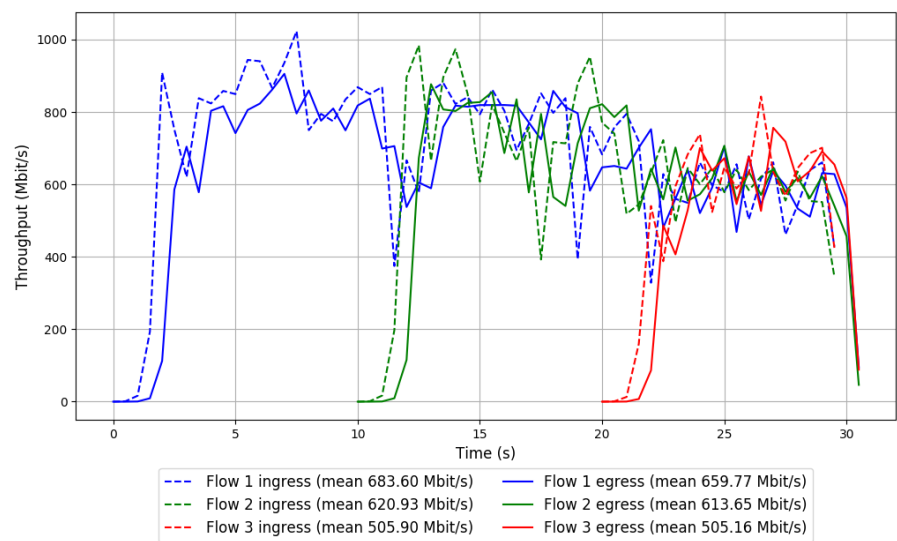


Run 10: Statistics of FillP

Start at: 2018-06-30 20:06:40
End at: 2018-06-30 20:07:10
Local clock offset: 0.174 ms
Remote clock offset: -0.365 ms

Below is generated by plot.py at 2018-06-30 21:36:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 1235.30 Mbit/s
95th percentile per-packet one-way delay: 226.357 ms
Loss rate: 2.29%
-- Flow 1:
Average throughput: 659.77 Mbit/s
95th percentile per-packet one-way delay: 216.881 ms
Loss rate: 3.49%
-- Flow 2:
Average throughput: 613.65 Mbit/s
95th percentile per-packet one-way delay: 247.293 ms
Loss rate: 1.17%
-- Flow 3:
Average throughput: 505.16 Mbit/s
95th percentile per-packet one-way delay: 203.534 ms
Loss rate: 0.16%

Run 10: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2018-06-30 16:01:45

End at: 2018-06-30 16:02:15

Local clock offset: -0.372 ms

Remote clock offset: 0.018 ms

Below is generated by plot.py at 2018-06-30 21:36:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 136.802 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 136.591 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 136.974 ms

Loss rate: 0.00%

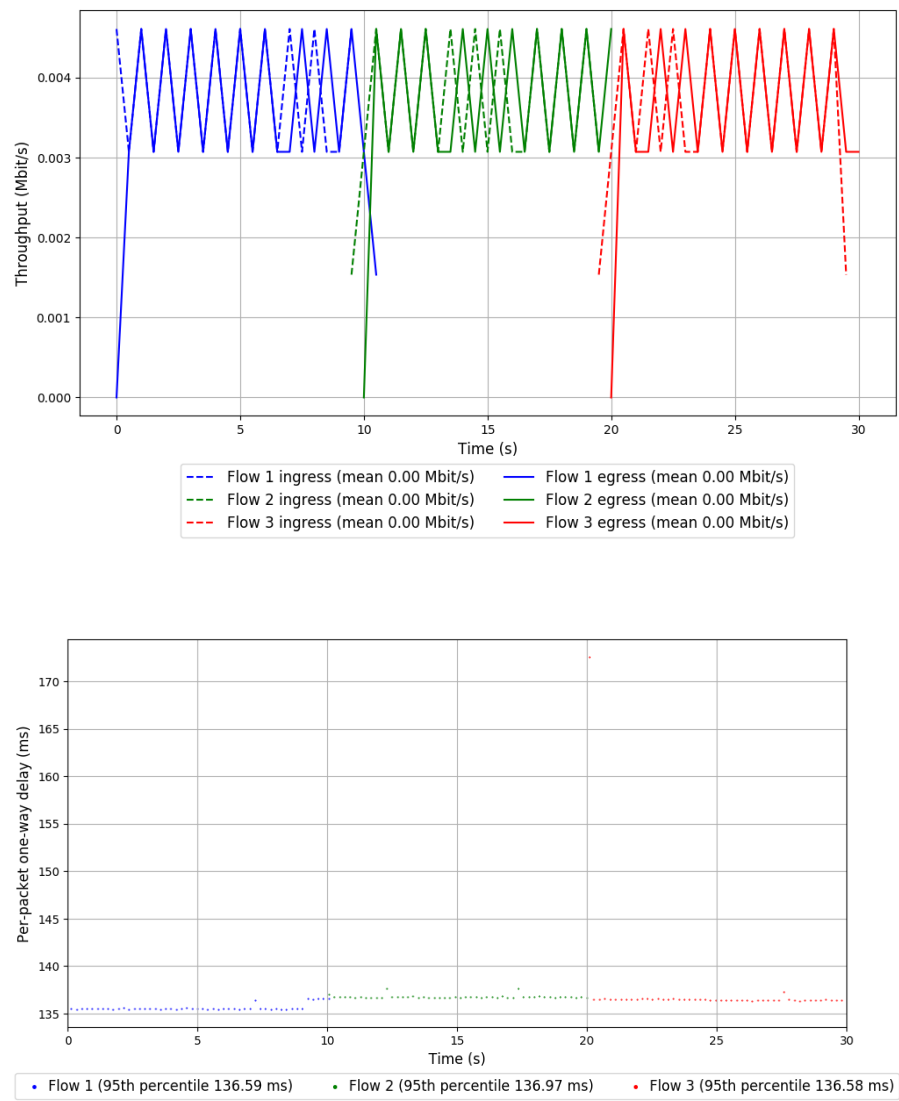
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 136.583 ms

Loss rate: 0.00%

Run 1: Report of FillP-Sheep — Data Link



Run 2: Statistics of FillP-Sheep

Start at: 2018-06-30 16:27:11

End at: 2018-06-30 16:27:41

Local clock offset: -0.218 ms

Remote clock offset: 0.082 ms

Below is generated by plot.py at 2018-06-30 21:36:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 136.395 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 136.442 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 135.690 ms

Loss rate: 0.00%

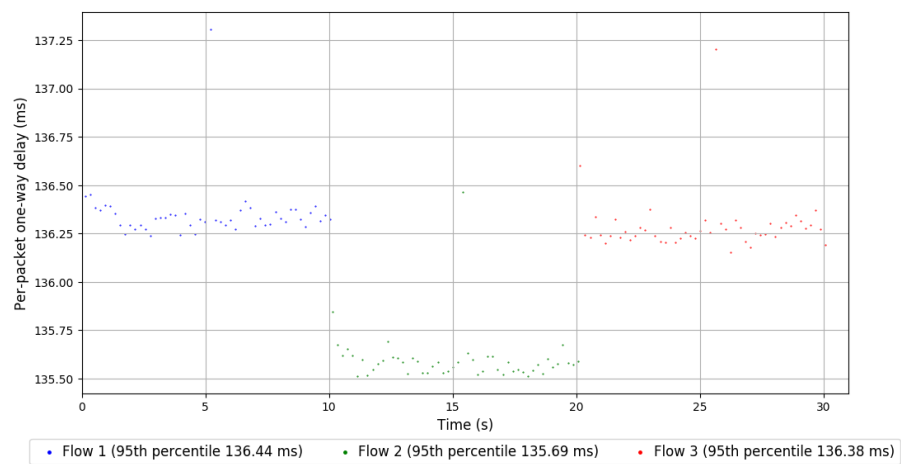
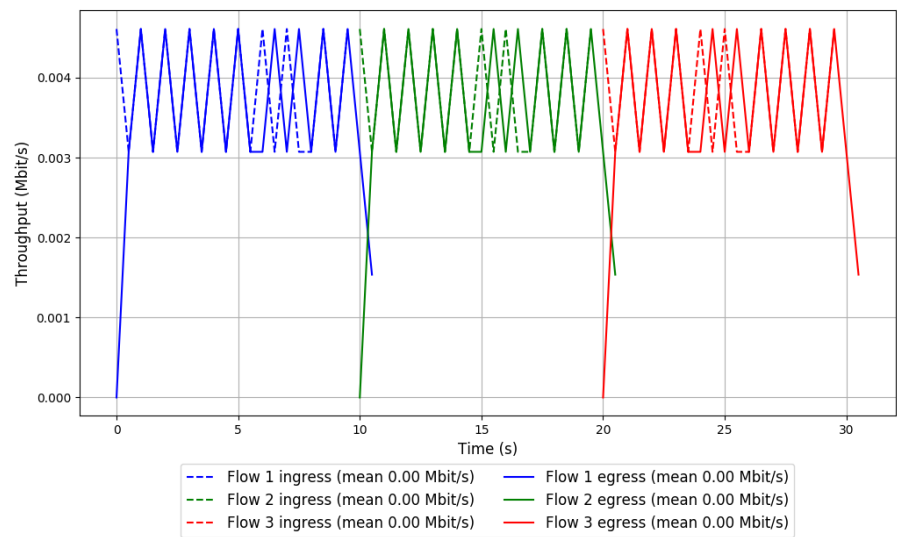
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 136.375 ms

Loss rate: 0.00%

Run 2: Report of FillP-Sheep — Data Link



Run 3: Statistics of FillP-Sheep

Start at: 2018-06-30 16:53:20

End at: 2018-06-30 16:53:50

Local clock offset: -0.041 ms

Remote clock offset: 0.078 ms

Below is generated by plot.py at 2018-06-30 21:36:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 136.257 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 136.263 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 135.359 ms

Loss rate: 0.00%

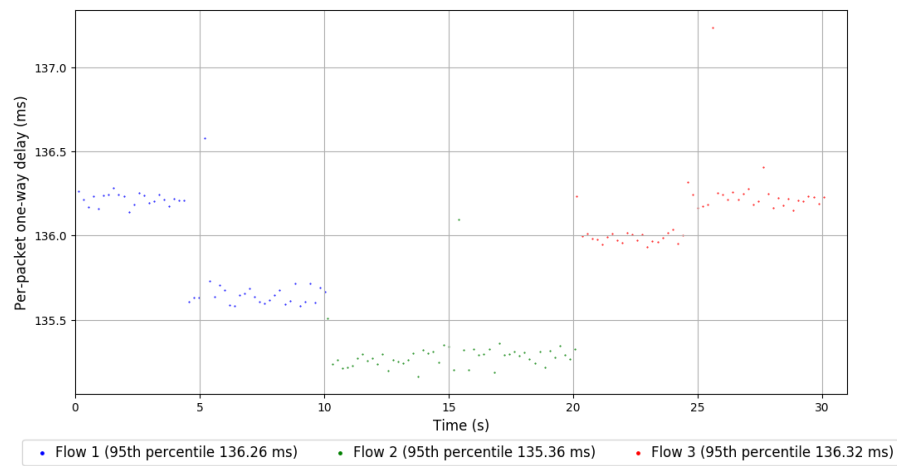
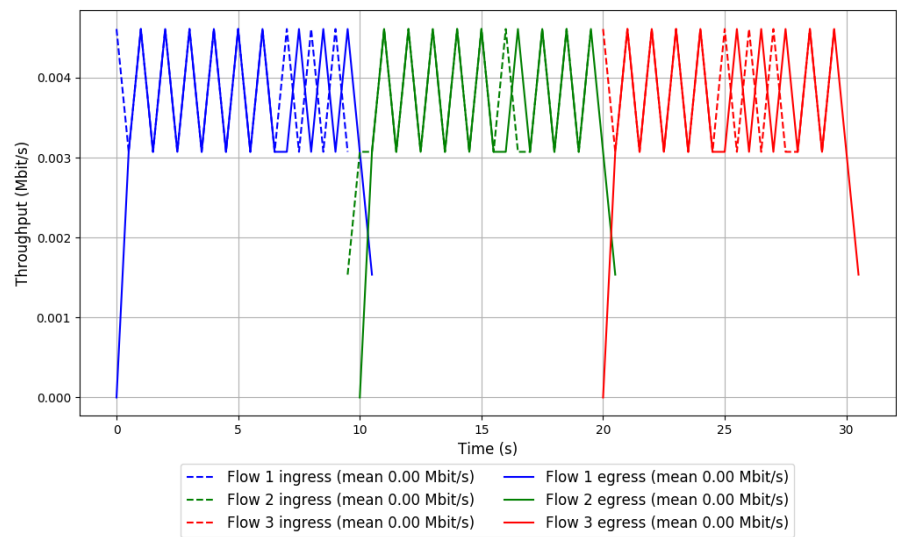
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 136.318 ms

Loss rate: 0.00%

Run 3: Report of FillP-Sheep — Data Link



Run 4: Statistics of FillP-Sheep

Start at: 2018-06-30 17:19:16

End at: 2018-06-30 17:19:46

Local clock offset: 0.096 ms

Remote clock offset: 0.012 ms

Below is generated by plot.py at 2018-06-30 21:36:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 136.343 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 136.289 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 136.343 ms

Loss rate: 0.00%

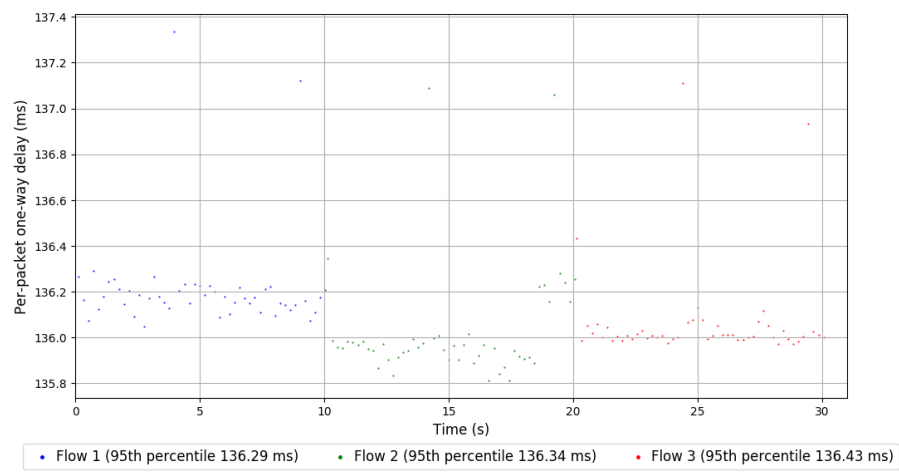
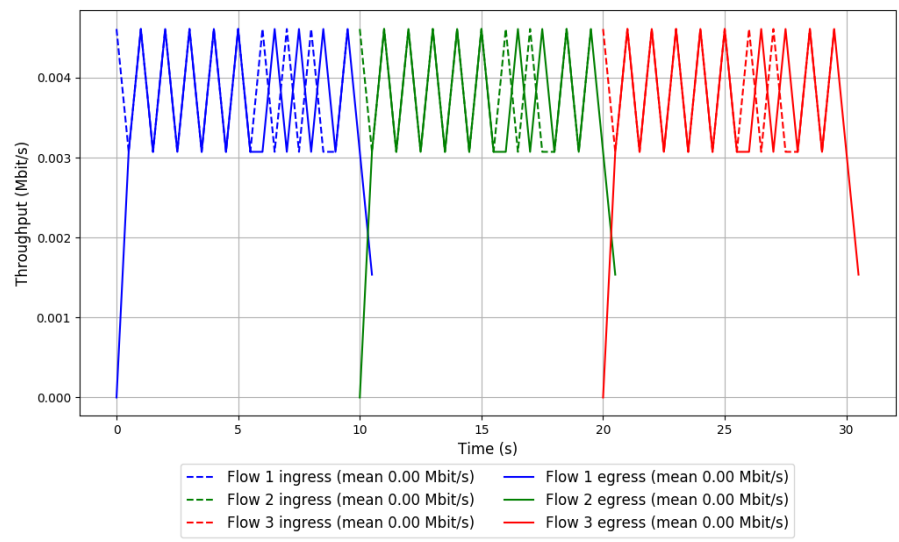
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 136.431 ms

Loss rate: 0.00%

Run 4: Report of FillP-Sheep — Data Link

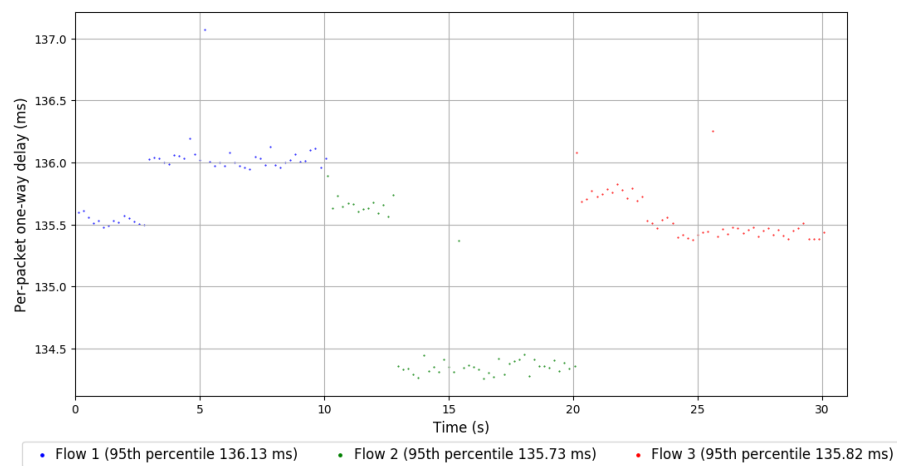
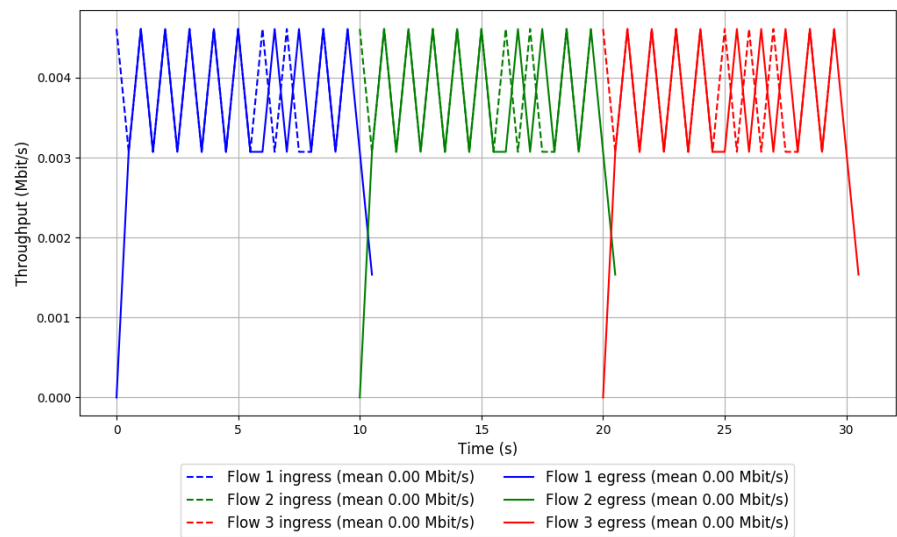


Run 5: Statistics of FillP-Sheep

Start at: 2018-06-30 17:45:42
End at: 2018-06-30 17:46:12
Local clock offset: 0.138 ms
Remote clock offset: -0.376 ms

Below is generated by plot.py at 2018-06-30 21:36:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 136.078 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 136.128 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 135.732 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 135.823 ms
Loss rate: 0.00%

Run 5: Report of FillP-Sheep — Data Link



Run 6: Statistics of FillP-Sheep

Start at: 2018-06-30 18:12:02

End at: 2018-06-30 18:12:32

Local clock offset: -0.199 ms

Remote clock offset: -0.01 ms

Below is generated by plot.py at 2018-06-30 21:36:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 136.854 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 135.479 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 136.904 ms

Loss rate: 0.00%

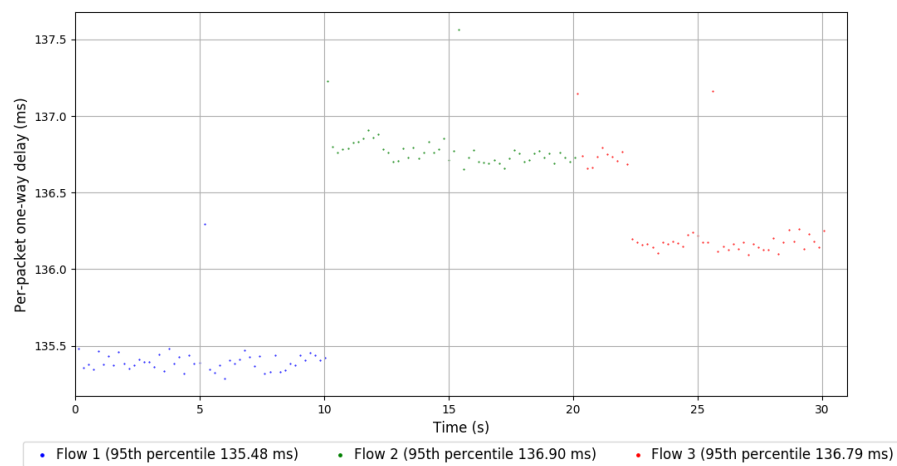
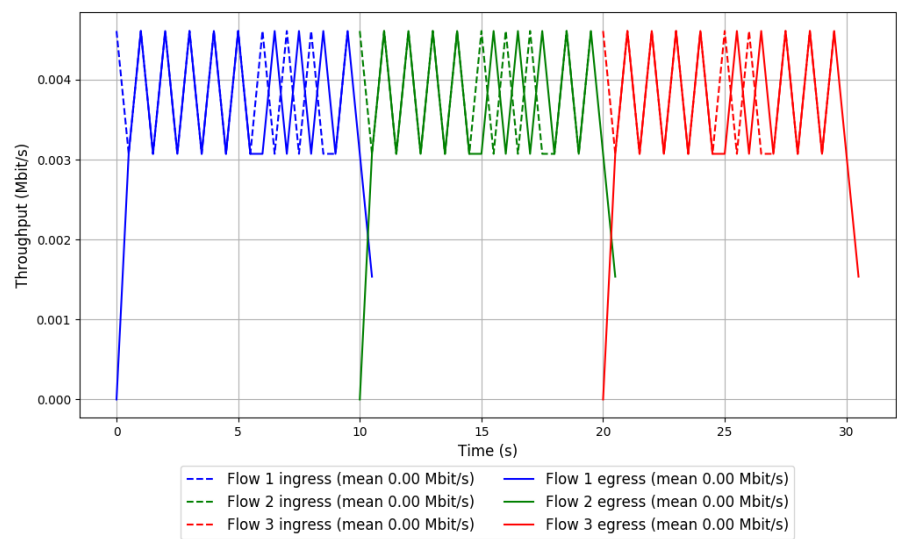
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 136.794 ms

Loss rate: 0.00%

Run 6: Report of FillP-Sheep — Data Link



Run 7: Statistics of FillP-Sheep

Start at: 2018-06-30 18:38:04

End at: 2018-06-30 18:38:34

Local clock offset: 0.063 ms

Remote clock offset: 0.032 ms

Below is generated by plot.py at 2018-06-30 21:36:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 136.714 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 136.723 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 135.767 ms

Loss rate: 0.00%

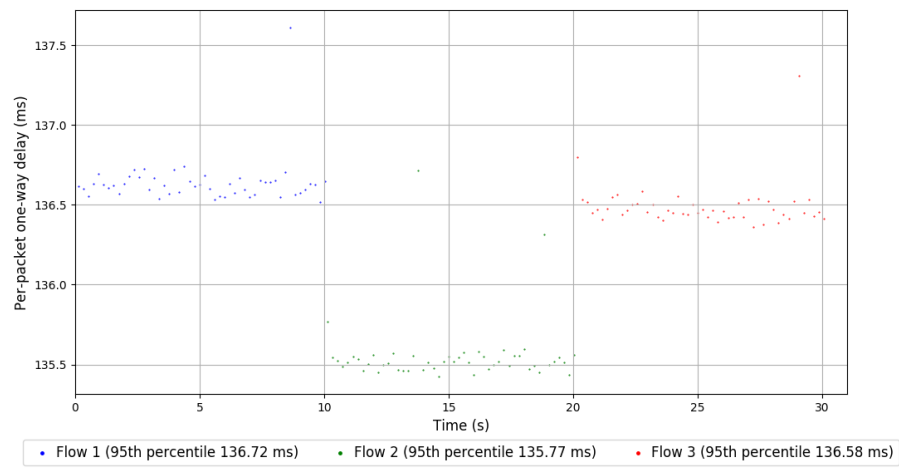
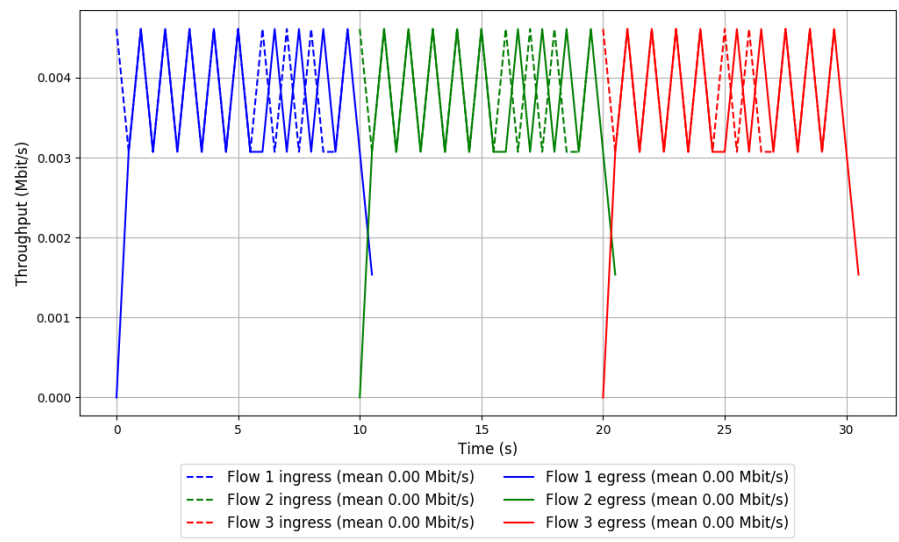
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 136.584 ms

Loss rate: 0.00%

Run 7: Report of FillP-Sheep — Data Link



Run 8: Statistics of FillP-Sheep

Start at: 2018-06-30 19:03:54

End at: 2018-06-30 19:04:24

Local clock offset: -0.032 ms

Remote clock offset: 0.047 ms

Below is generated by plot.py at 2018-06-30 21:36:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 137.190 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 136.717 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 136.696 ms

Loss rate: 0.00%

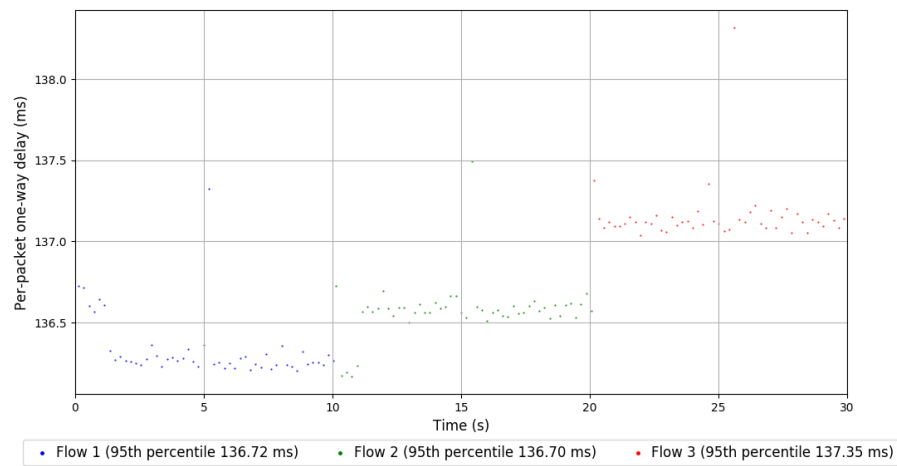
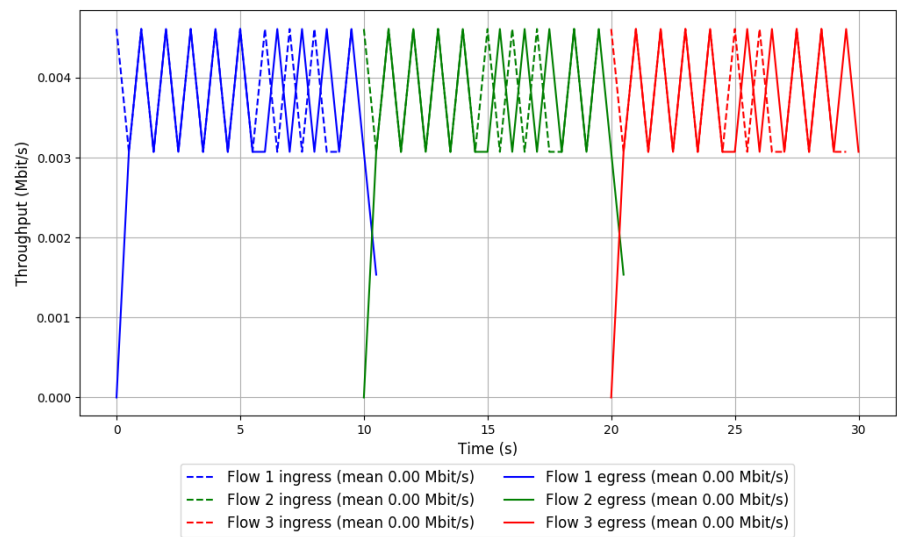
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 137.355 ms

Loss rate: 0.00%

Run 8: Report of FillP-Sheep — Data Link



Run 9: Statistics of FillP-Sheep

Start at: 2018-06-30 19:30:20

End at: 2018-06-30 19:30:50

Local clock offset: 0.154 ms

Remote clock offset: 0.016 ms

Below is generated by plot.py at 2018-06-30 21:36:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 136.764 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 136.499 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 136.775 ms

Loss rate: 0.00%

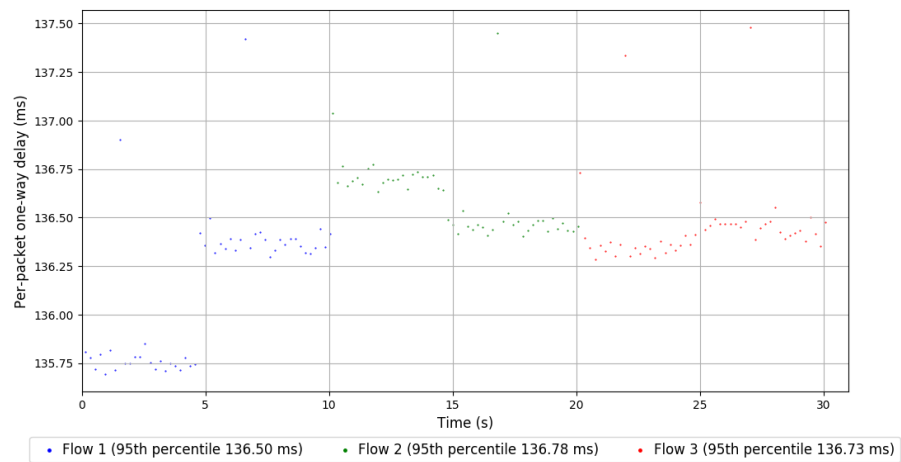
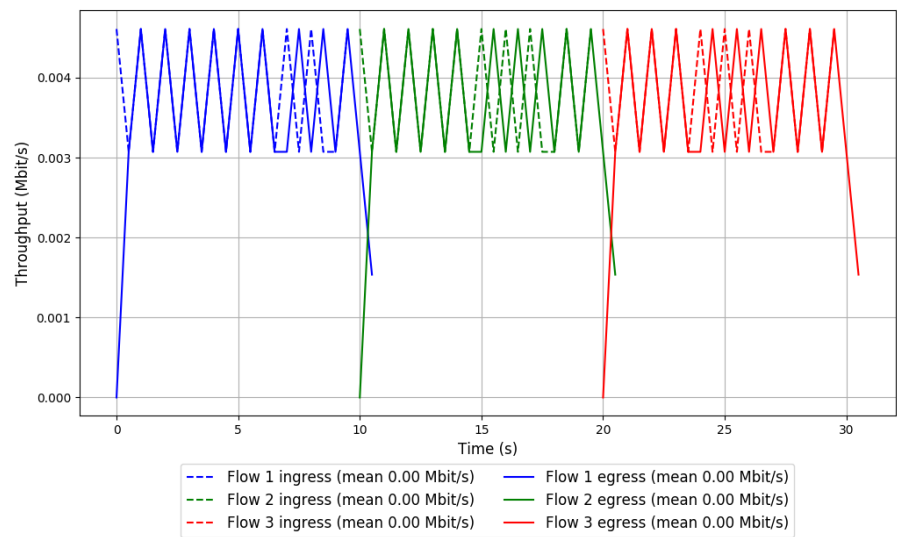
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 136.732 ms

Loss rate: 0.00%

Run 9: Report of FillP-Sheep — Data Link



Run 10: Statistics of FillP-Sheep

Start at: 2018-06-30 19:56:42

End at: 2018-06-30 19:57:12

Local clock offset: 0.018 ms

Remote clock offset: 0.018 ms

Below is generated by plot.py at 2018-06-30 21:36:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 136.943 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 136.696 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 137.132 ms

Loss rate: 0.00%

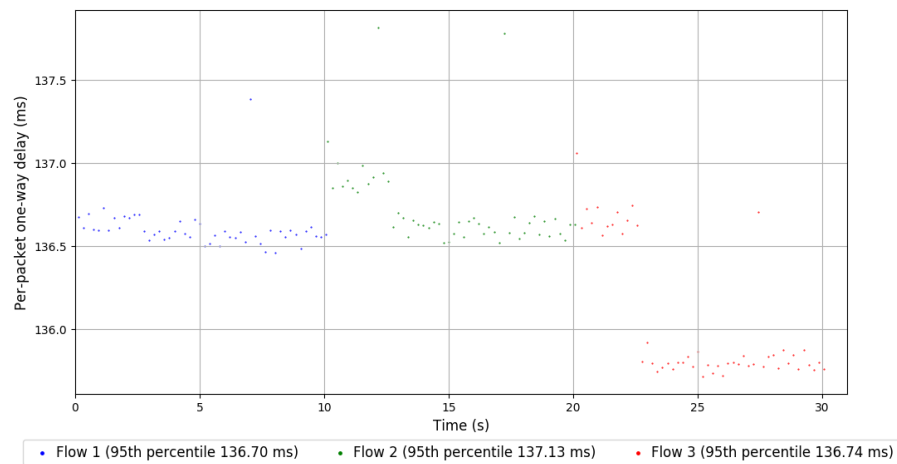
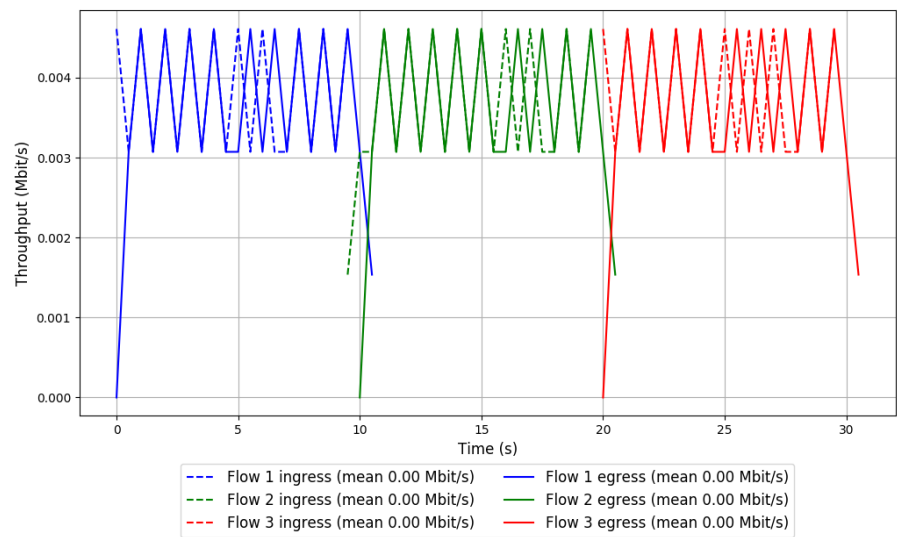
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 136.737 ms

Loss rate: 0.00%

Run 10: Report of FillP-Sheep — Data Link

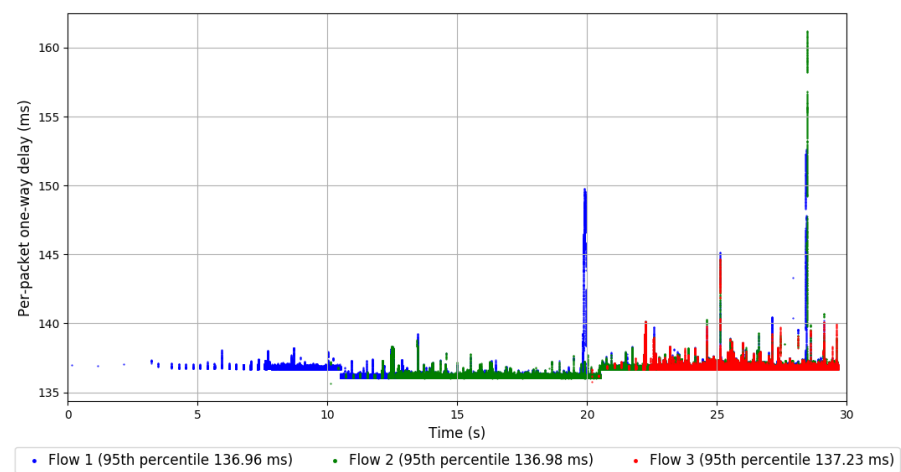
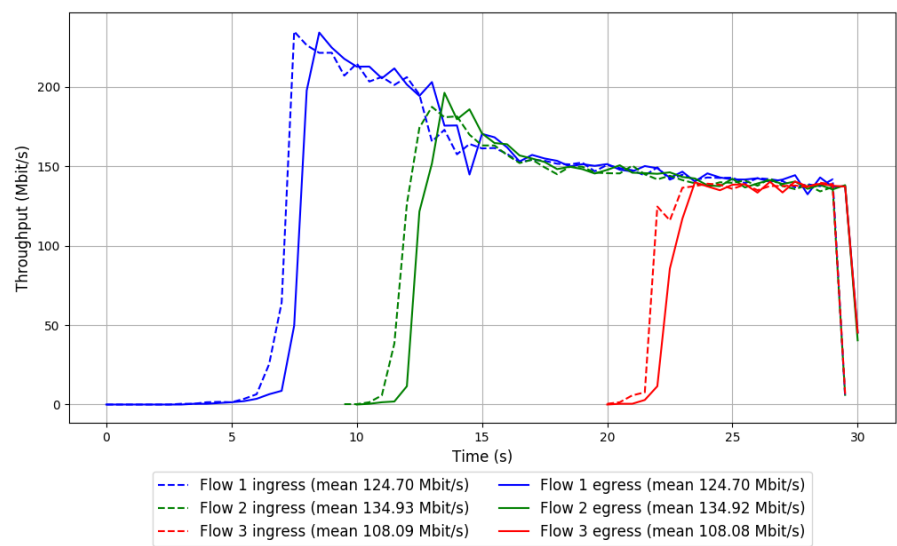


```
Run 1: Statistics of Indigo

Start at: 2018-06-30 16:04:24
End at: 2018-06-30 16:04:54
Local clock offset: -0.476 ms
Remote clock offset: 0.428 ms

# Below is generated by plot.py at 2018-06-30 21:36:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 248.72 Mbit/s
95th percentile per-packet one-way delay: 137.008 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 124.70 Mbit/s
95th percentile per-packet one-way delay: 136.960 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 134.92 Mbit/s
95th percentile per-packet one-way delay: 136.983 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 108.08 Mbit/s
95th percentile per-packet one-way delay: 137.233 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2018-06-30 16:29:49

End at: 2018-06-30 16:30:19

Local clock offset: -0.549 ms

Remote clock offset: 0.145 ms

Below is generated by plot.py at 2018-06-30 21:36:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 279.62 Mbit/s

95th percentile per-packet one-way delay: 136.773 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 148.74 Mbit/s

95th percentile per-packet one-way delay: 136.653 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 140.76 Mbit/s

95th percentile per-packet one-way delay: 136.818 ms

Loss rate: 0.00%

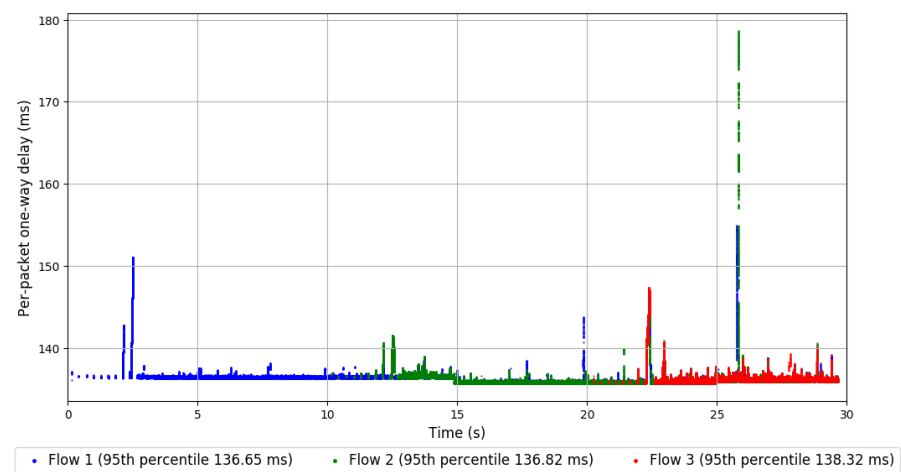
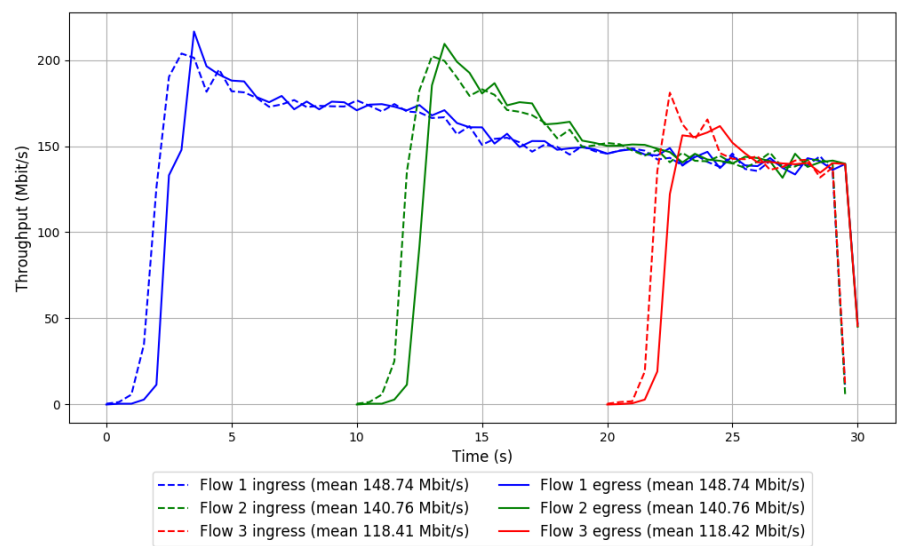
-- Flow 3:

Average throughput: 118.42 Mbit/s

95th percentile per-packet one-way delay: 138.321 ms

Loss rate: 0.00%

Run 2: Report of Indigo — Data Link

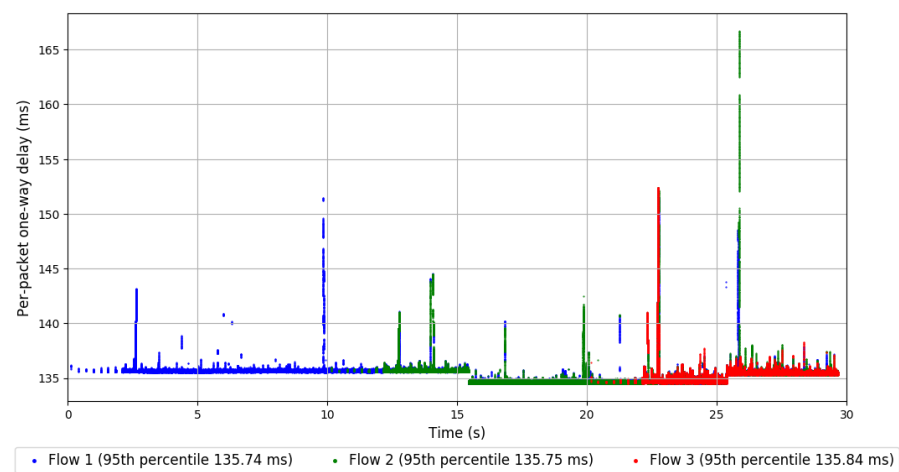
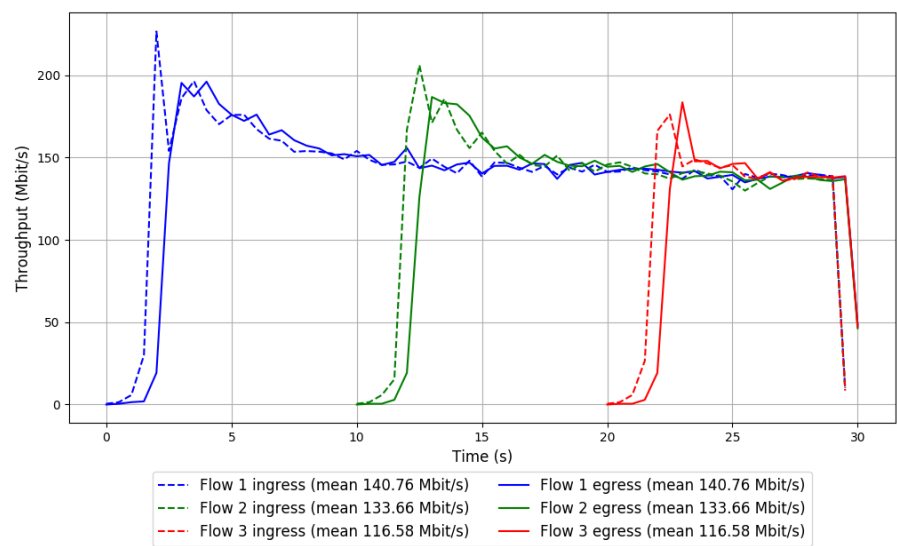


Run 3: Statistics of Indigo

Start at: 2018-06-30 16:55:59
End at: 2018-06-30 16:56:29
Local clock offset: 0.083 ms
Remote clock offset: -0.304 ms

```
# Below is generated by plot.py at 2018-06-30 21:36:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 266.64 Mbit/s
95th percentile per-packet one-way delay: 135.746 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 140.76 Mbit/s
95th percentile per-packet one-way delay: 135.736 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 133.66 Mbit/s
95th percentile per-packet one-way delay: 135.755 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 116.58 Mbit/s
95th percentile per-packet one-way delay: 135.836 ms
Loss rate: 0.00%
```


Run 3: Report of Indigo — Data Link

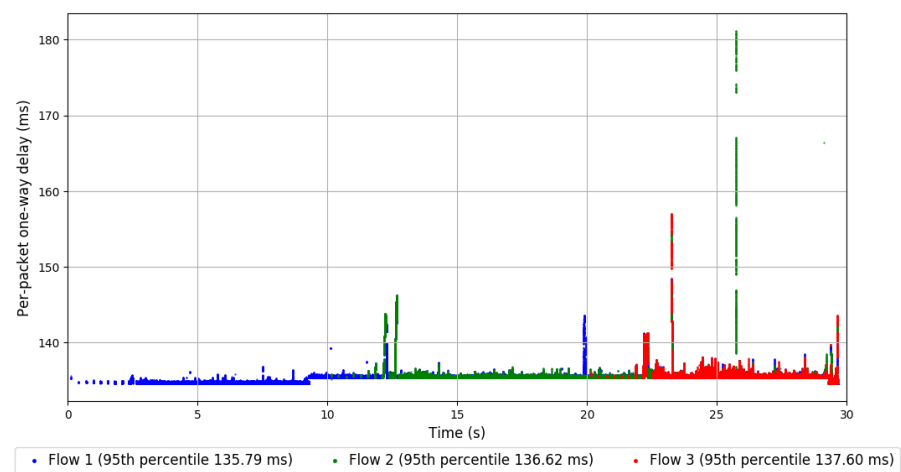
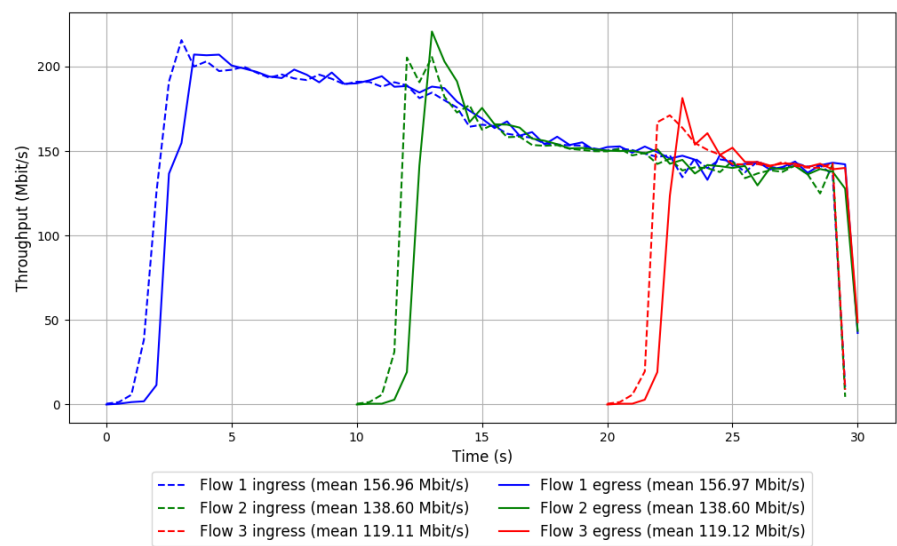


Run 4: Statistics of Indigo

Start at: 2018-06-30 17:21:55
End at: 2018-06-30 17:22:25
Local clock offset: -0.011 ms
Remote clock offset: -0.316 ms

```
# Below is generated by plot.py at 2018-06-30 21:36:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 286.98 Mbit/s
95th percentile per-packet one-way delay: 136.161 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 156.97 Mbit/s
95th percentile per-packet one-way delay: 135.794 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 138.60 Mbit/s
95th percentile per-packet one-way delay: 136.625 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 119.12 Mbit/s
95th percentile per-packet one-way delay: 137.597 ms
Loss rate: 0.00%
```

Run 4: Report of Indigo — Data Link

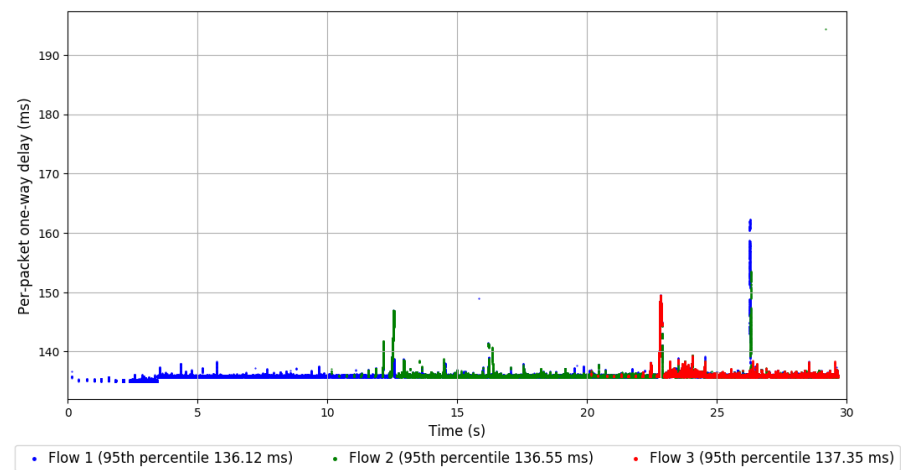
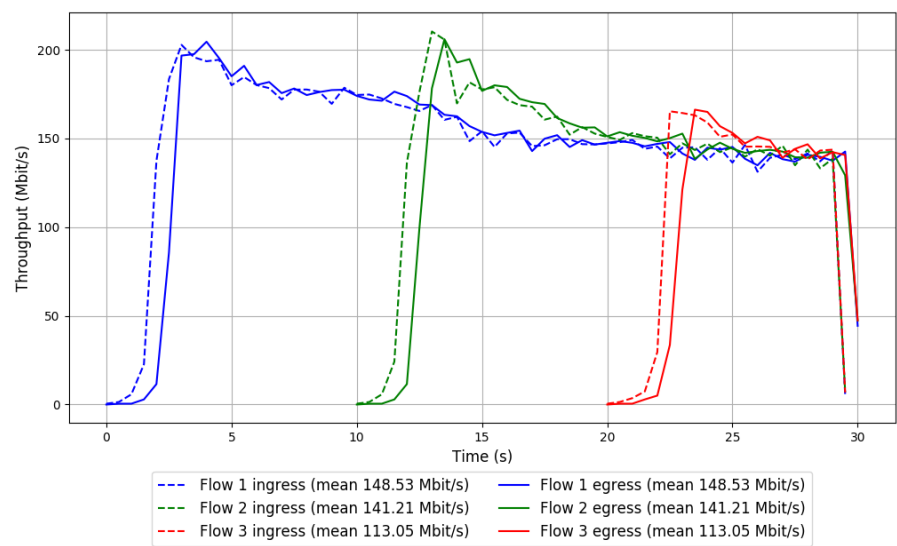


Run 5: Statistics of Indigo

Start at: 2018-06-30 17:48:21
End at: 2018-06-30 17:48:51
Local clock offset: -0.054 ms
Remote clock offset: -0.021 ms

Below is generated by plot.py at 2018-06-30 21:36:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 278.24 Mbit/s
95th percentile per-packet one-way delay: 136.379 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 148.53 Mbit/s
95th percentile per-packet one-way delay: 136.122 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 141.21 Mbit/s
95th percentile per-packet one-way delay: 136.549 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 113.05 Mbit/s
95th percentile per-packet one-way delay: 137.354 ms
Loss rate: 0.00%

Run 5: Report of Indigo — Data Link

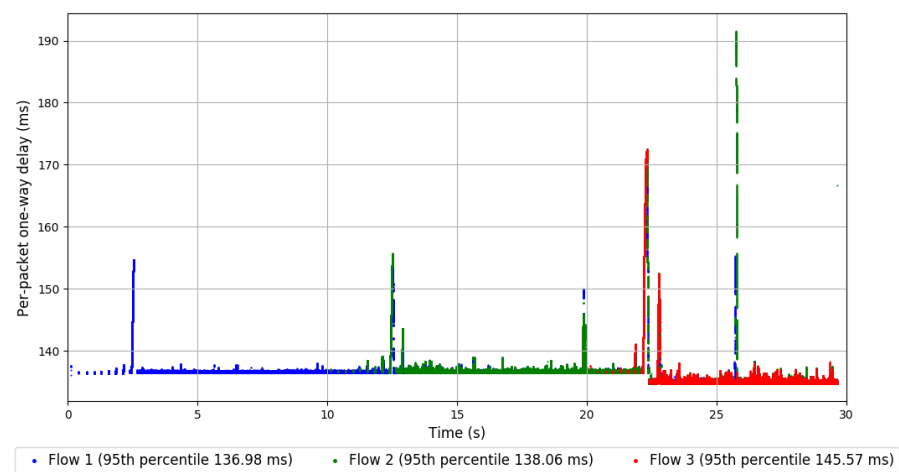
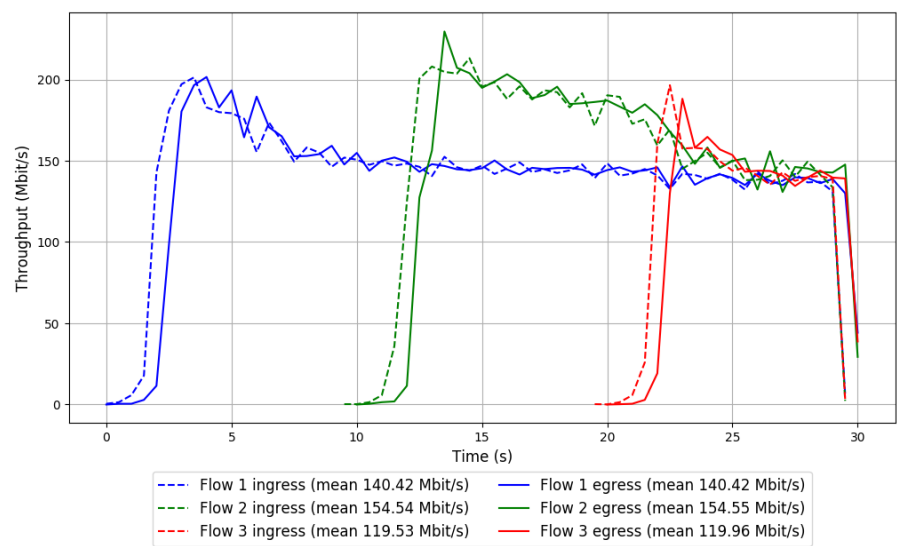


Run 6: Statistics of Indigo

Start at: 2018-06-30 18:14:42
End at: 2018-06-30 18:15:12
Local clock offset: 0.13 ms
Remote clock offset: -0.036 ms

Below is generated by plot.py at 2018-06-30 21:36:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 281.26 Mbit/s
95th percentile per-packet one-way delay: 137.402 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 140.42 Mbit/s
95th percentile per-packet one-way delay: 136.984 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 154.55 Mbit/s
95th percentile per-packet one-way delay: 138.058 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 119.96 Mbit/s
95th percentile per-packet one-way delay: 145.567 ms
Loss rate: 0.01%

Run 6: Report of Indigo — Data Link

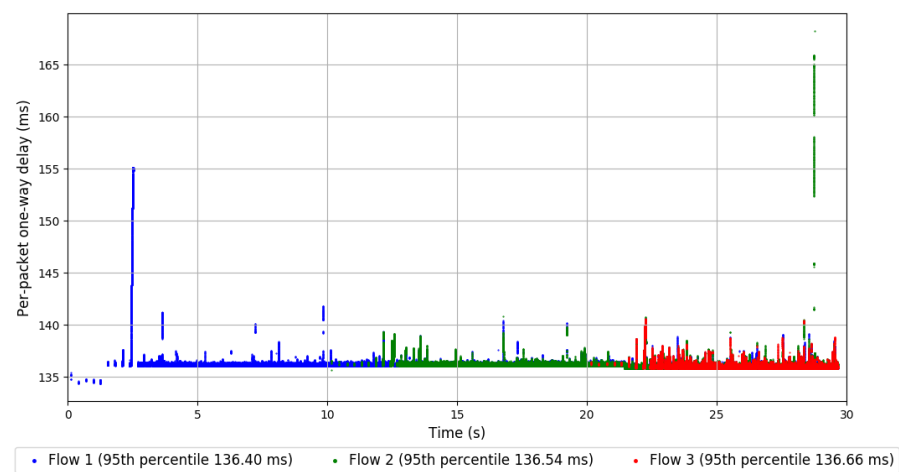
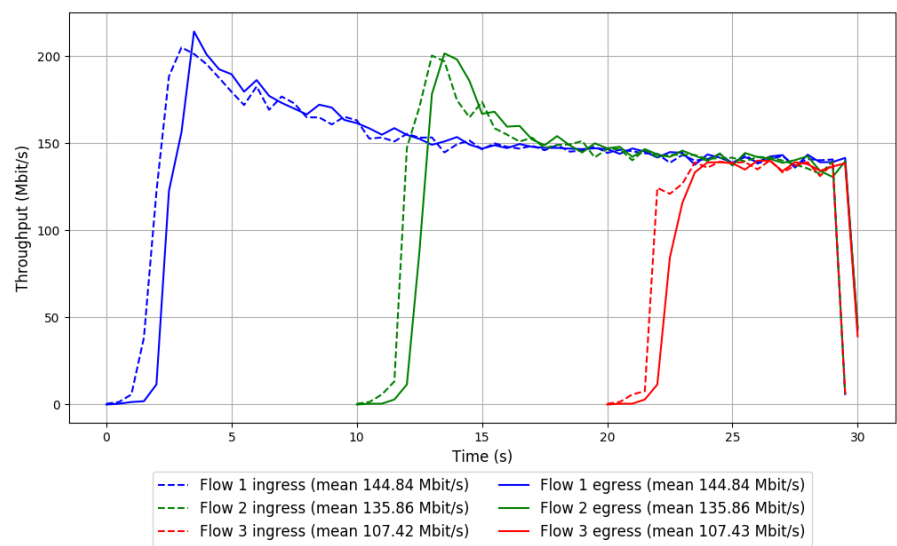


Run 7: Statistics of Indigo

Start at: 2018-06-30 18:40:43
End at: 2018-06-30 18:41:13
Local clock offset: 0.221 ms
Remote clock offset: -0.273 ms

Below is generated by plot.py at 2018-06-30 21:36:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 269.06 Mbit/s
95th percentile per-packet one-way delay: 136.462 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 144.84 Mbit/s
95th percentile per-packet one-way delay: 136.402 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 135.86 Mbit/s
95th percentile per-packet one-way delay: 136.544 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 107.43 Mbit/s
95th percentile per-packet one-way delay: 136.657 ms
Loss rate: 0.02%

Run 7: Report of Indigo — Data Link



Run 8: Statistics of Indigo

Start at: 2018-06-30 19:06:33

End at: 2018-06-30 19:07:03

Local clock offset: 0.171 ms

Remote clock offset: 0.054 ms

Below is generated by plot.py at 2018-06-30 21:36:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 291.65 Mbit/s

95th percentile per-packet one-way delay: 137.211 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 158.14 Mbit/s

95th percentile per-packet one-way delay: 136.946 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 141.53 Mbit/s

95th percentile per-packet one-way delay: 137.497 ms

Loss rate: 0.00%

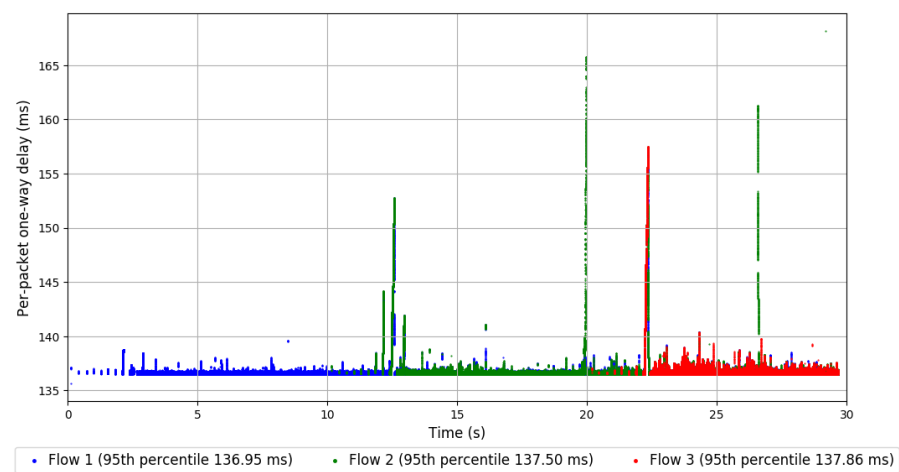
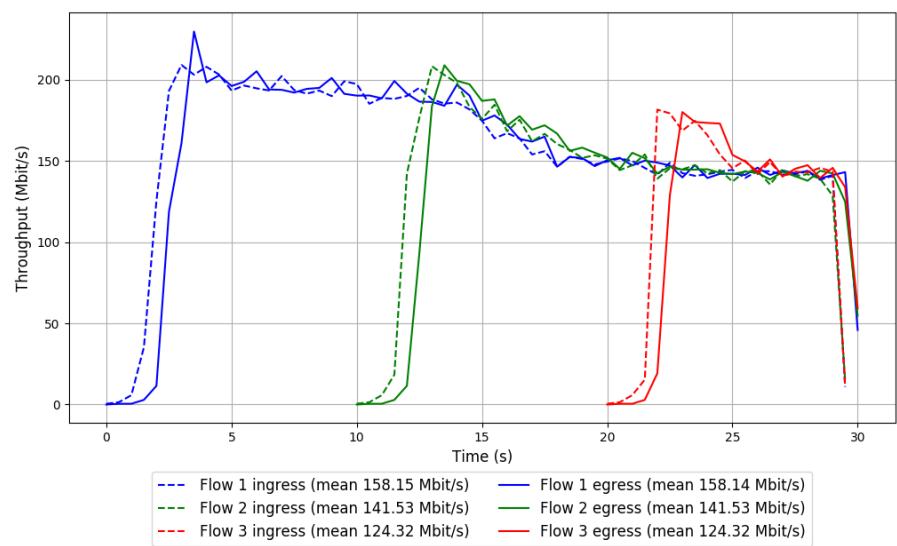
-- Flow 3:

Average throughput: 124.32 Mbit/s

95th percentile per-packet one-way delay: 137.858 ms

Loss rate: 0.00%

Run 8: Report of Indigo — Data Link



Run 9: Statistics of Indigo

Start at: 2018-06-30 19:33:00

End at: 2018-06-30 19:33:30

Local clock offset: 0.276 ms

Remote clock offset: 0.034 ms

Below is generated by plot.py at 2018-06-30 21:36:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 284.58 Mbit/s

95th percentile per-packet one-way delay: 136.557 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 155.38 Mbit/s

95th percentile per-packet one-way delay: 136.381 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 140.47 Mbit/s

95th percentile per-packet one-way delay: 136.710 ms

Loss rate: 0.00%

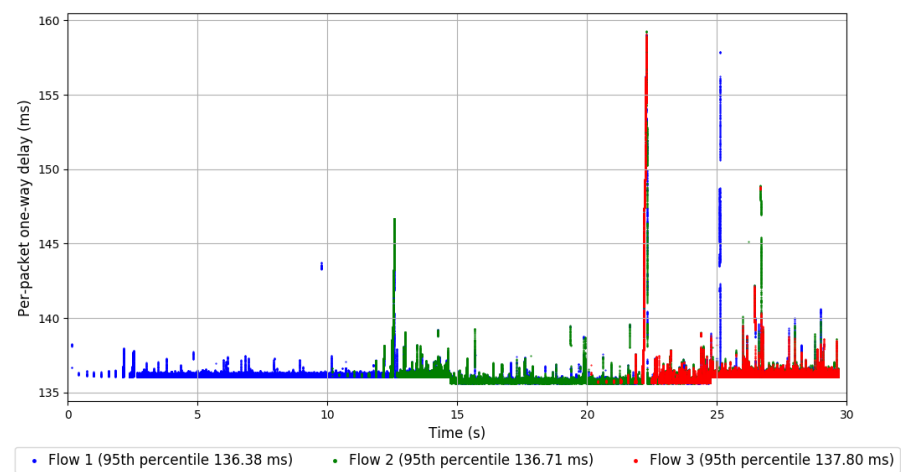
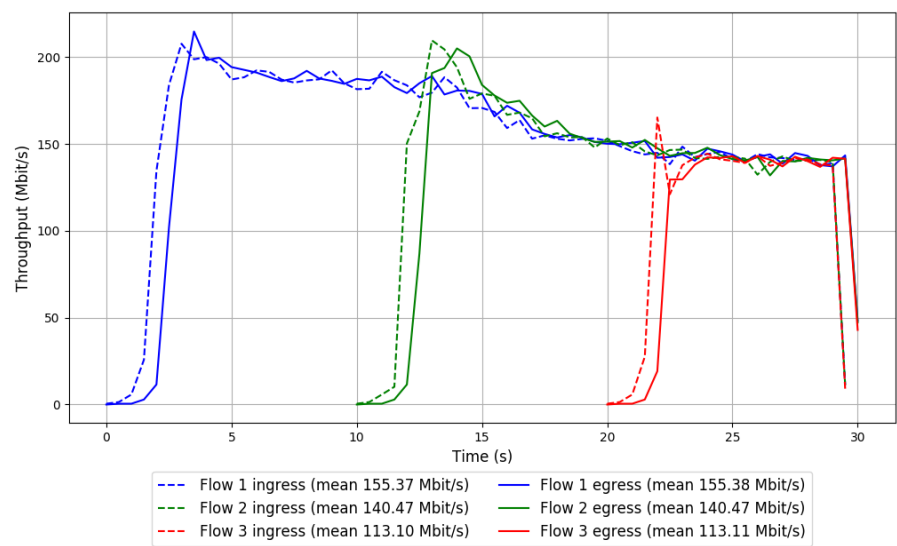
-- Flow 3:

Average throughput: 113.11 Mbit/s

95th percentile per-packet one-way delay: 137.799 ms

Loss rate: 0.00%

Run 9: Report of Indigo — Data Link

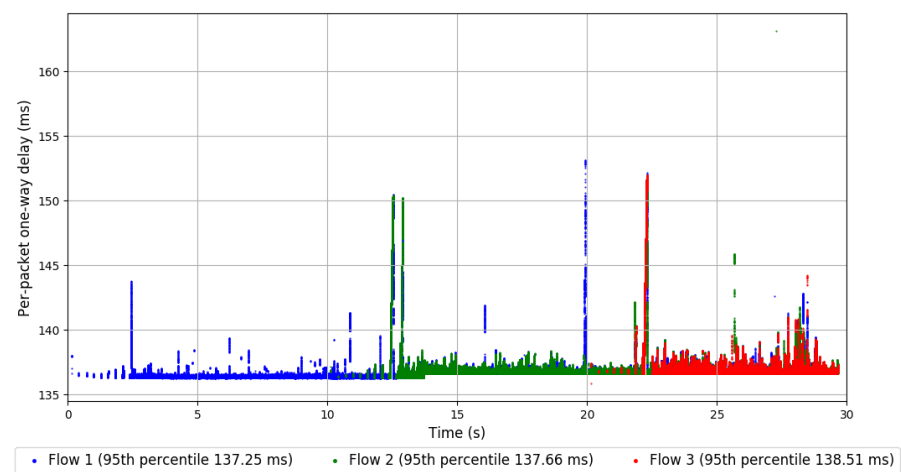
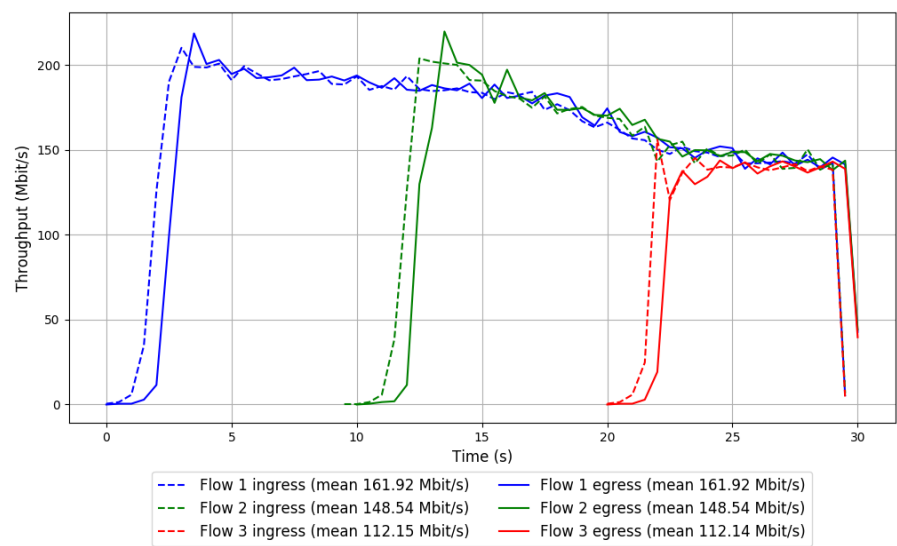


Run 10: Statistics of Indigo

Start at: 2018-06-30 19:59:21
End at: 2018-06-30 19:59:51
Local clock offset: 0.001 ms
Remote clock offset: -0.017 ms

Below is generated by plot.py at 2018-06-30 21:36:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 296.27 Mbit/s
95th percentile per-packet one-way delay: 137.495 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 161.92 Mbit/s
95th percentile per-packet one-way delay: 137.247 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 148.54 Mbit/s
95th percentile per-packet one-way delay: 137.661 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 112.14 Mbit/s
95th percentile per-packet one-way delay: 138.509 ms
Loss rate: 0.00%

Run 10: Report of Indigo — Data Link

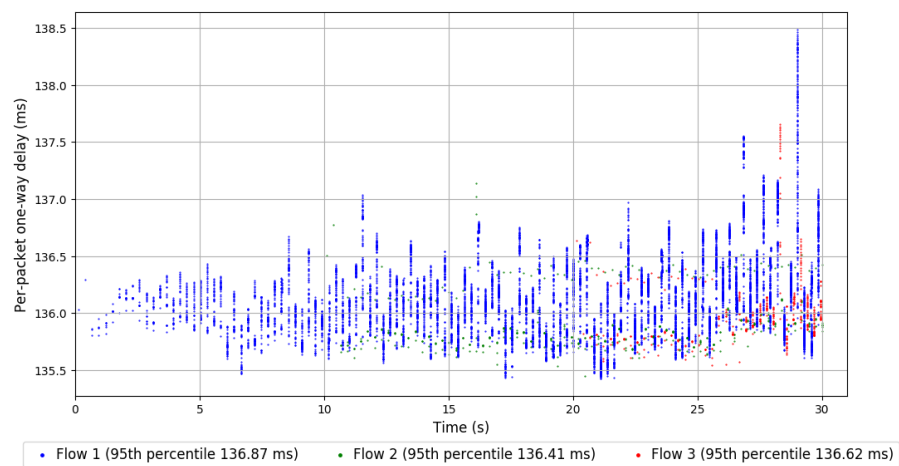
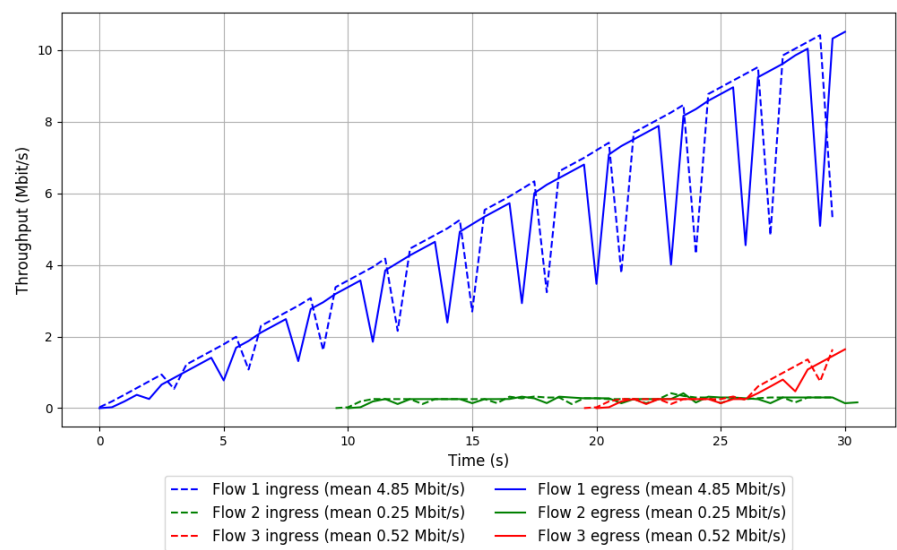


```
Run 1: Statistics of LEDBAT

Start at: 2018-06-30 16:19:09
End at: 2018-06-30 16:19:39
Local clock offset: -0.239 ms
Remote clock offset: 0.079 ms

# Below is generated by plot.py at 2018-06-30 21:36:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 5.16 Mbit/s
95th percentile per-packet one-way delay: 136.848 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.85 Mbit/s
95th percentile per-packet one-way delay: 136.866 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 136.405 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.52 Mbit/s
95th percentile per-packet one-way delay: 136.620 ms
Loss rate: 0.00%
```


Run 1: Report of LEDBAT — Data Link

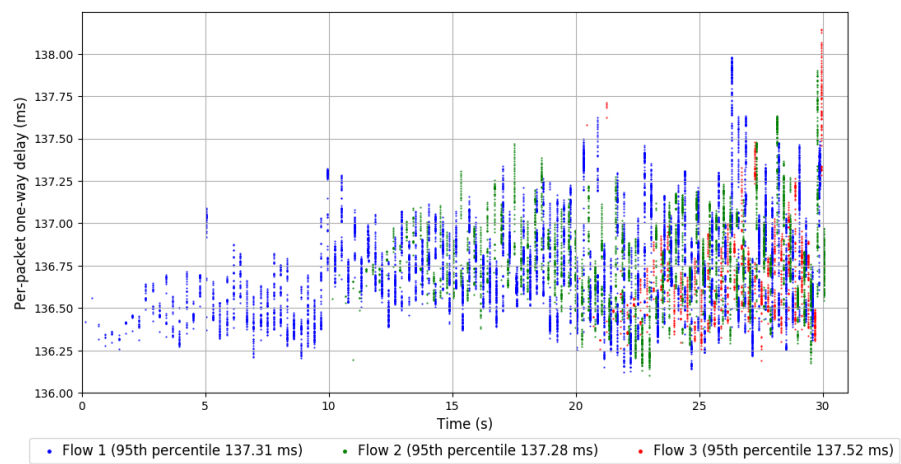
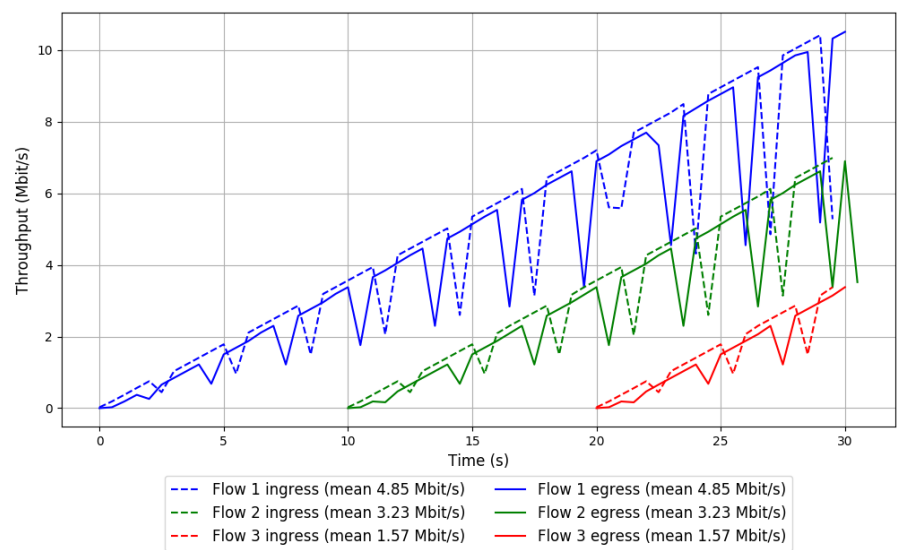


```
Run 2: Statistics of LEDBAT

Start at: 2018-06-30 16:45:15
End at: 2018-06-30 16:45:45
Local clock offset: -0.169 ms
Remote clock offset: 0.43 ms

# Below is generated by plot.py at 2018-06-30 21:36:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.48 Mbit/s
95th percentile per-packet one-way delay: 137.313 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.85 Mbit/s
95th percentile per-packet one-way delay: 137.314 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.23 Mbit/s
95th percentile per-packet one-way delay: 137.281 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.57 Mbit/s
95th percentile per-packet one-way delay: 137.521 ms
Loss rate: 0.00%
```

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2018-06-30 17:11:16

End at: 2018-06-30 17:11:46

Local clock offset: 0.262 ms

Remote clock offset: 0.04 ms

Below is generated by plot.py at 2018-06-30 21:36:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.56 Mbit/s

95th percentile per-packet one-way delay: 136.773 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.61 Mbit/s

95th percentile per-packet one-way delay: 136.782 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 2.82 Mbit/s

95th percentile per-packet one-way delay: 136.774 ms

Loss rate: 0.00%

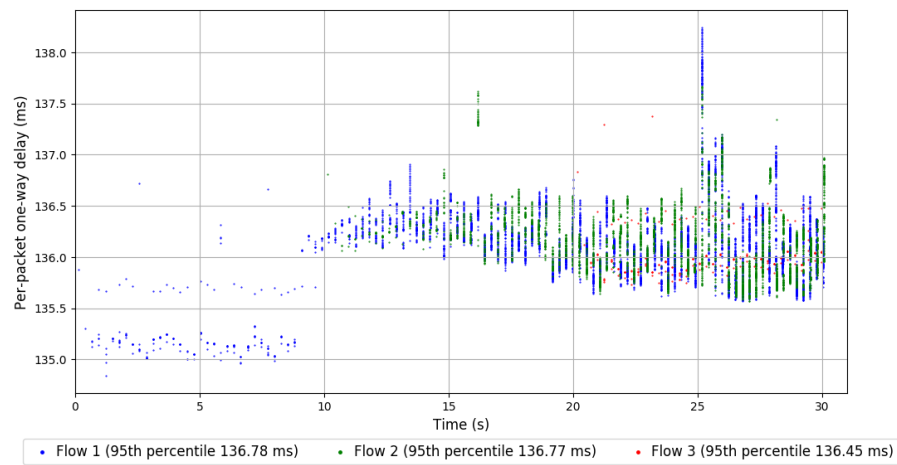
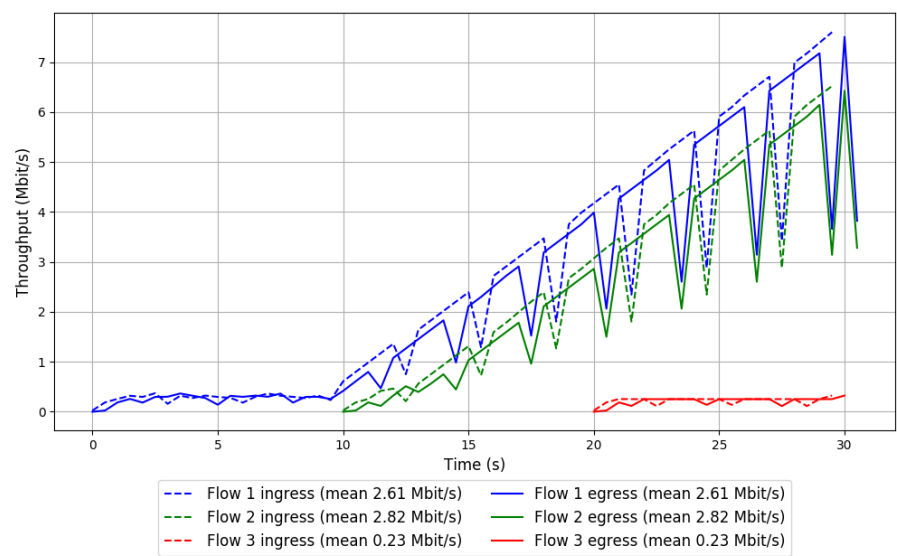
-- Flow 3:

Average throughput: 0.23 Mbit/s

95th percentile per-packet one-way delay: 136.454 ms

Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2018-06-30 17:37:35

End at: 2018-06-30 17:38:05

Local clock offset: 0.231 ms

Remote clock offset: 0.013 ms

Below is generated by plot.py at 2018-06-30 21:36:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 2.90 Mbit/s

95th percentile per-packet one-way delay: 136.530 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.25 Mbit/s

95th percentile per-packet one-way delay: 136.443 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 3.21 Mbit/s

95th percentile per-packet one-way delay: 136.578 ms

Loss rate: 0.00%

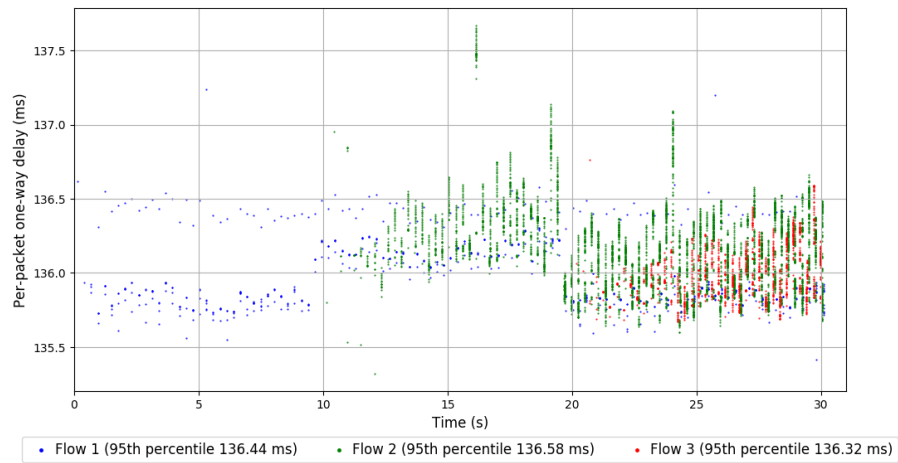
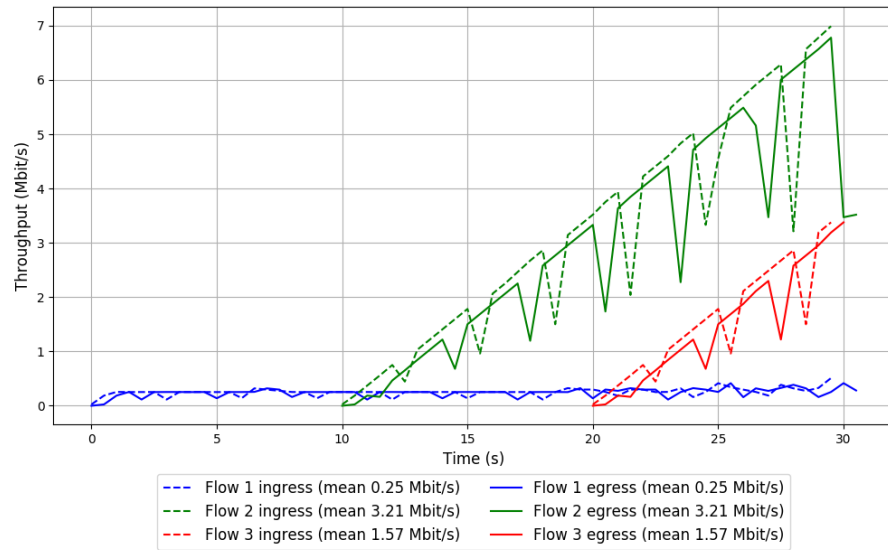
-- Flow 3:

Average throughput: 1.57 Mbit/s

95th percentile per-packet one-way delay: 136.321 ms

Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link

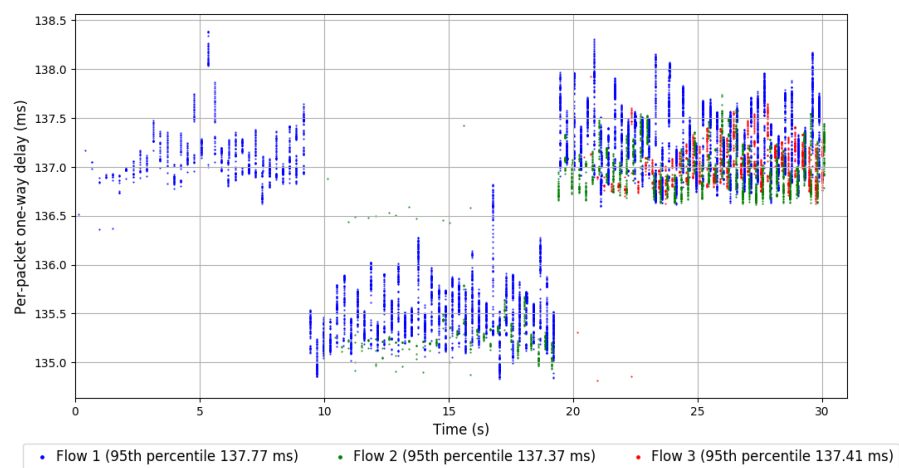
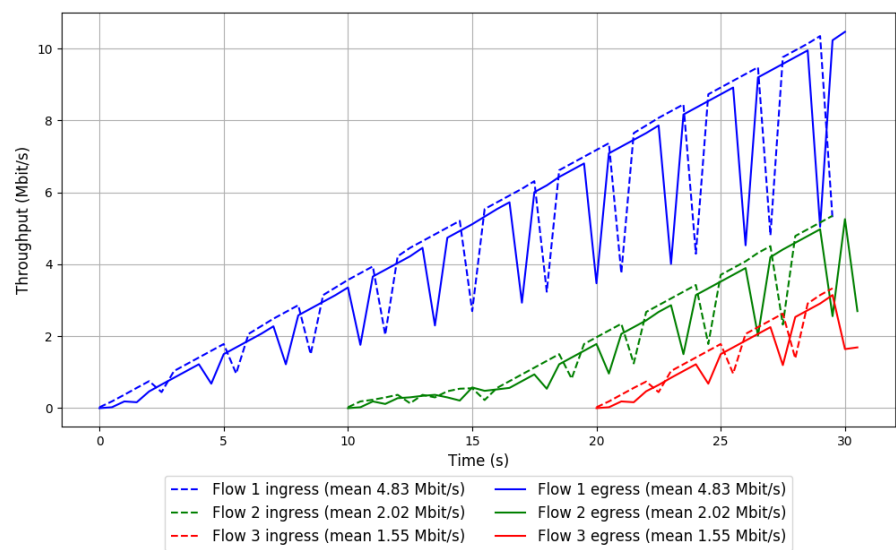


Run 5: Statistics of LEDBAT

Start at: 2018-06-30 18:03:55
End at: 2018-06-30 18:04:25
Local clock offset: 0.054 ms
Remote clock offset: -0.007 ms

Below is generated by plot.py at 2018-06-30 21:36:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 6.64 Mbit/s
95th percentile per-packet one-way delay: 137.700 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.83 Mbit/s
95th percentile per-packet one-way delay: 137.766 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 2.02 Mbit/s
95th percentile per-packet one-way delay: 137.373 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.55 Mbit/s
95th percentile per-packet one-way delay: 137.413 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: 2018-06-30 18:29:56

End at: 2018-06-30 18:30:26

Local clock offset: -0.062 ms

Remote clock offset: 0.061 ms

Below is generated by plot.py at 2018-06-30 21:36:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 5.16 Mbit/s

95th percentile per-packet one-way delay: 137.584 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.52 Mbit/s

95th percentile per-packet one-way delay: 137.537 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 3.21 Mbit/s

95th percentile per-packet one-way delay: 137.671 ms

Loss rate: 0.00%

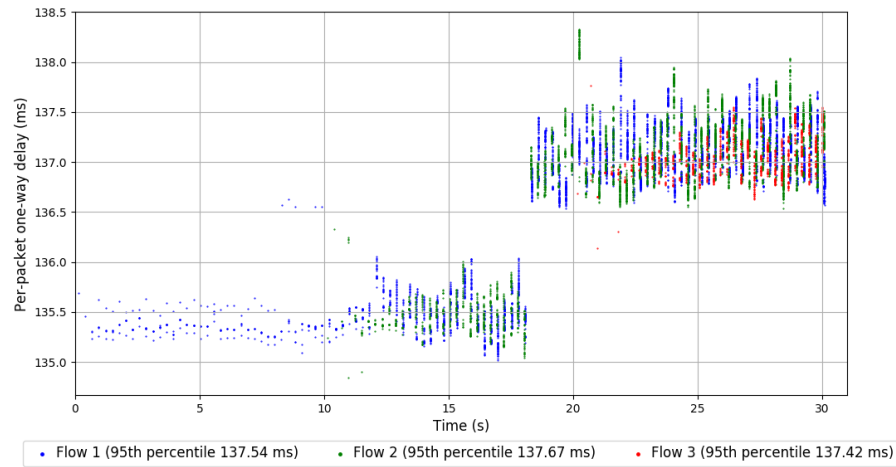
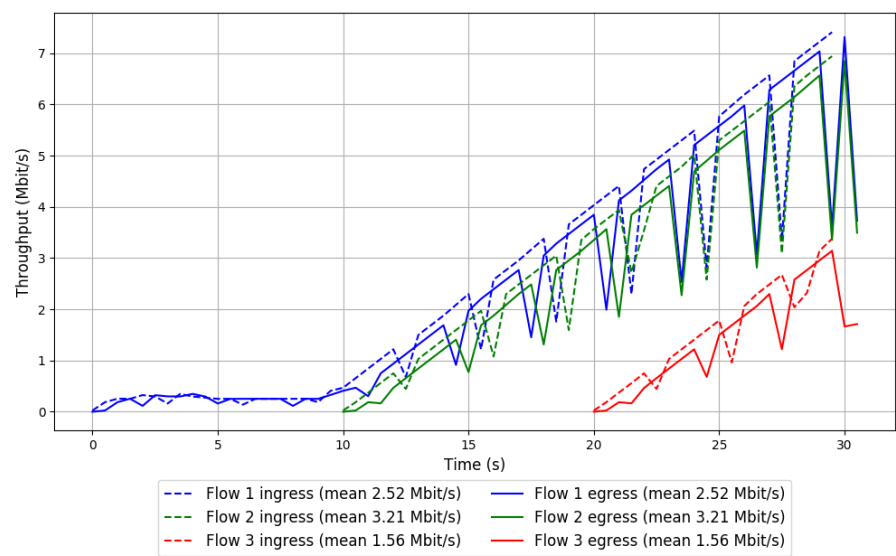
-- Flow 3:

Average throughput: 1.56 Mbit/s

95th percentile per-packet one-way delay: 137.424 ms

Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2018-06-30 18:55:51

End at: 2018-06-30 18:56:21

Local clock offset: 0.202 ms

Remote clock offset: 0.076 ms

Below is generated by plot.py at 2018-06-30 21:36:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 7.40 Mbit/s

95th percentile per-packet one-way delay: 137.490 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 4.83 Mbit/s

95th percentile per-packet one-way delay: 137.568 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 3.21 Mbit/s

95th percentile per-packet one-way delay: 137.340 ms

Loss rate: 0.00%

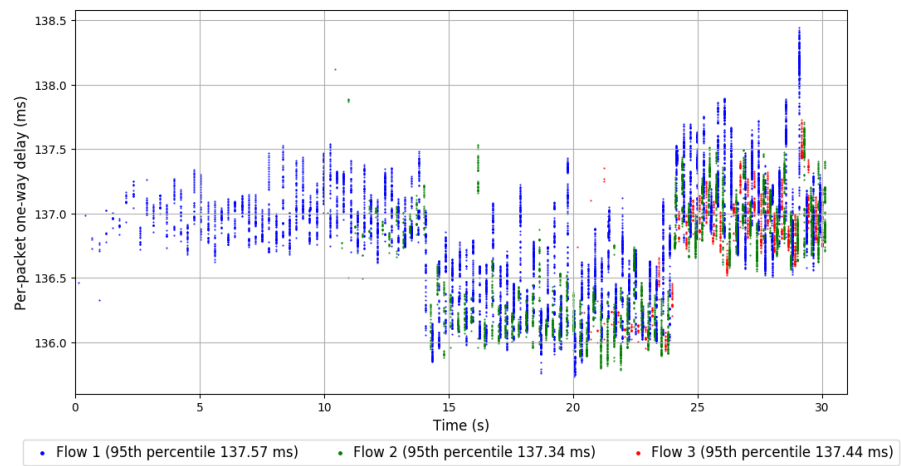
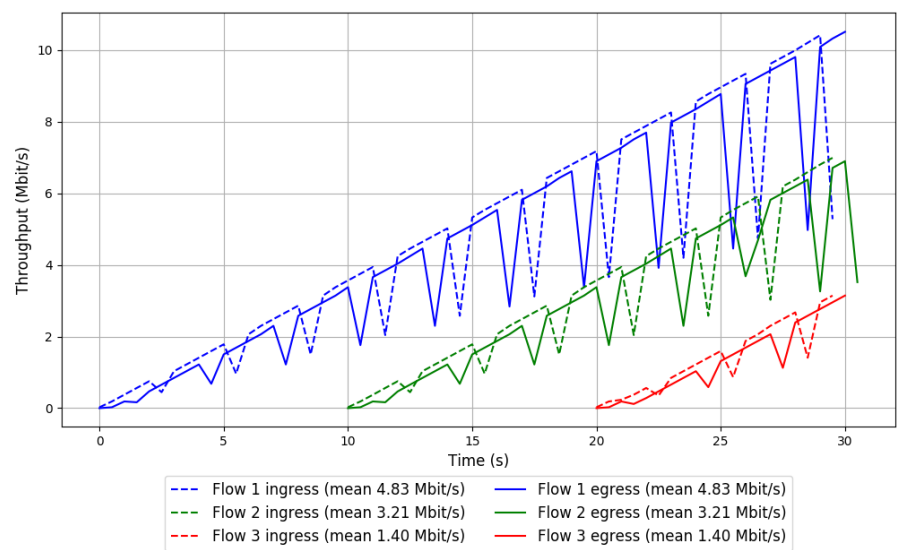
-- Flow 3:

Average throughput: 1.40 Mbit/s

95th percentile per-packet one-way delay: 137.436 ms

Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2018-06-30 19:22:08

End at: 2018-06-30 19:22:38

Local clock offset: 0.291 ms

Remote clock offset: 0.093 ms

Below is generated by plot.py at 2018-06-30 21:36:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 7.04 Mbit/s

95th percentile per-packet one-way delay: 136.857 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 4.82 Mbit/s

95th percentile per-packet one-way delay: 136.886 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 3.23 Mbit/s

95th percentile per-packet one-way delay: 136.783 ms

Loss rate: 0.00%

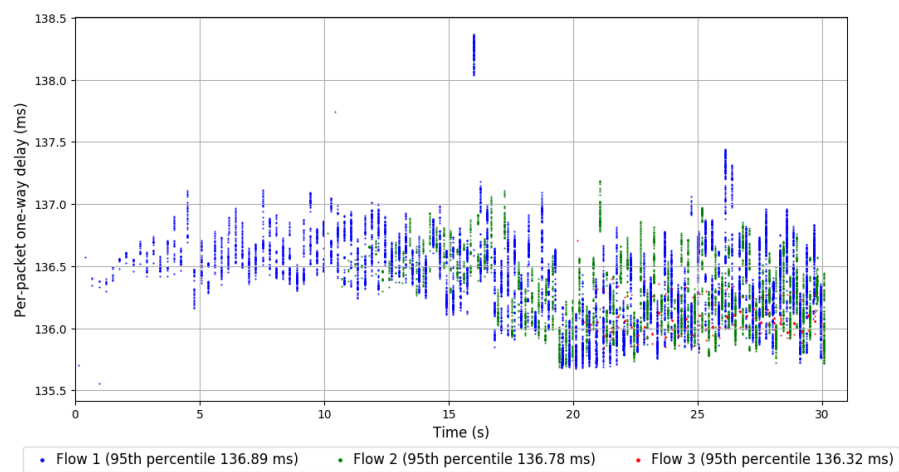
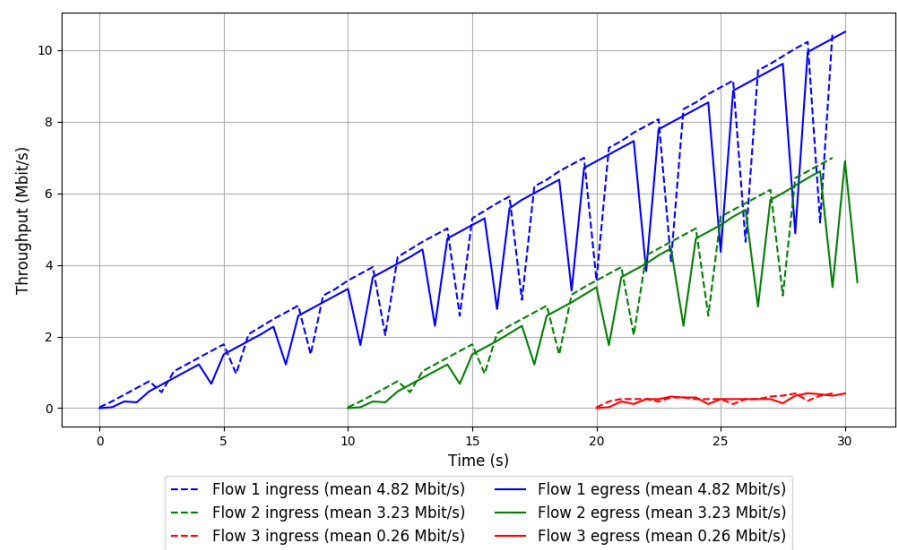
-- Flow 3:

Average throughput: 0.26 Mbit/s

95th percentile per-packet one-way delay: 136.317 ms

Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link

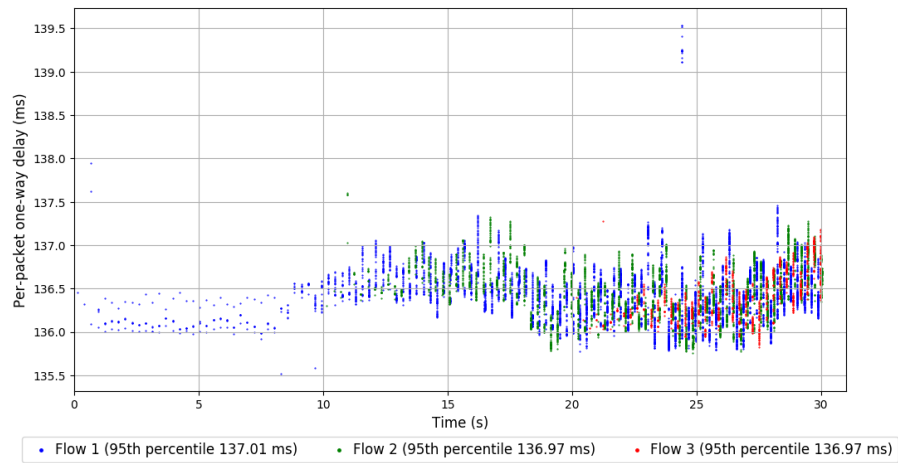
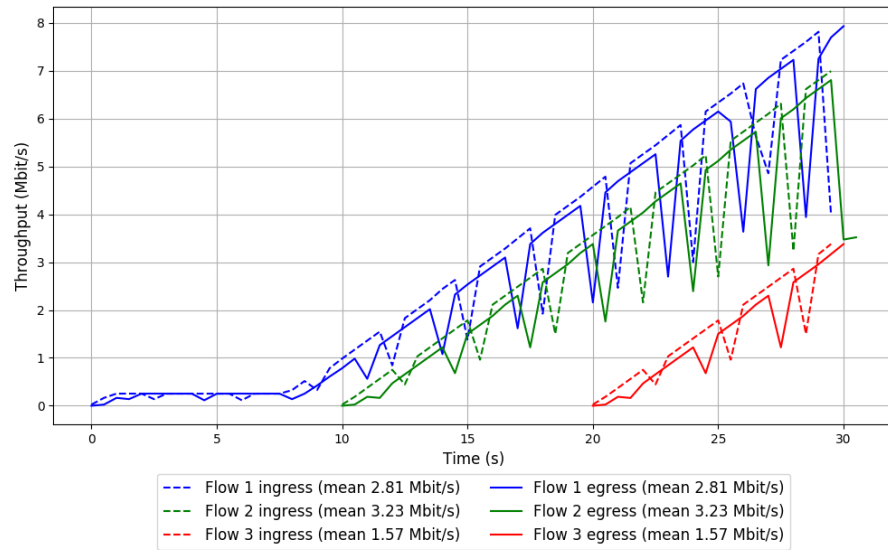


Run 9: Statistics of LEDBAT

Start at: 2018-06-30 19:48:47
End at: 2018-06-30 19:49:17
Local clock offset: 0.159 ms
Remote clock offset: -0.378 ms

Below is generated by plot.py at 2018-06-30 21:36:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 5.46 Mbit/s
95th percentile per-packet one-way delay: 136.987 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.81 Mbit/s
95th percentile per-packet one-way delay: 137.006 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.23 Mbit/s
95th percentile per-packet one-way delay: 136.969 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.57 Mbit/s
95th percentile per-packet one-way delay: 136.975 ms
Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link

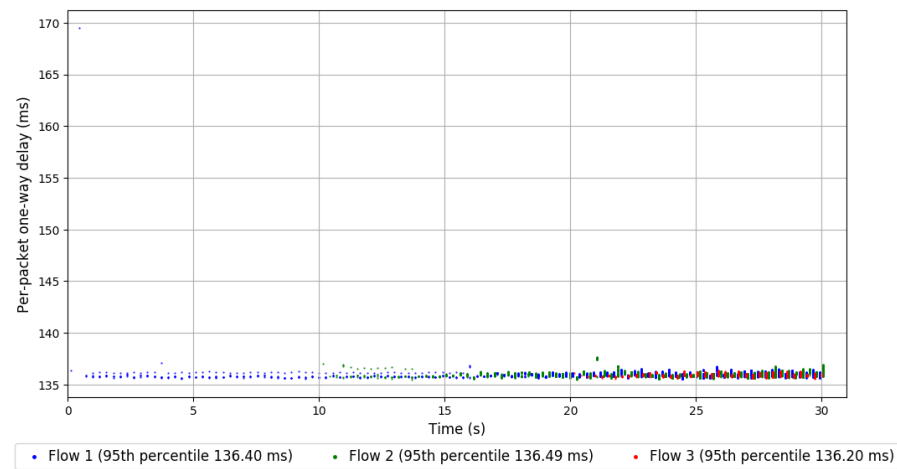
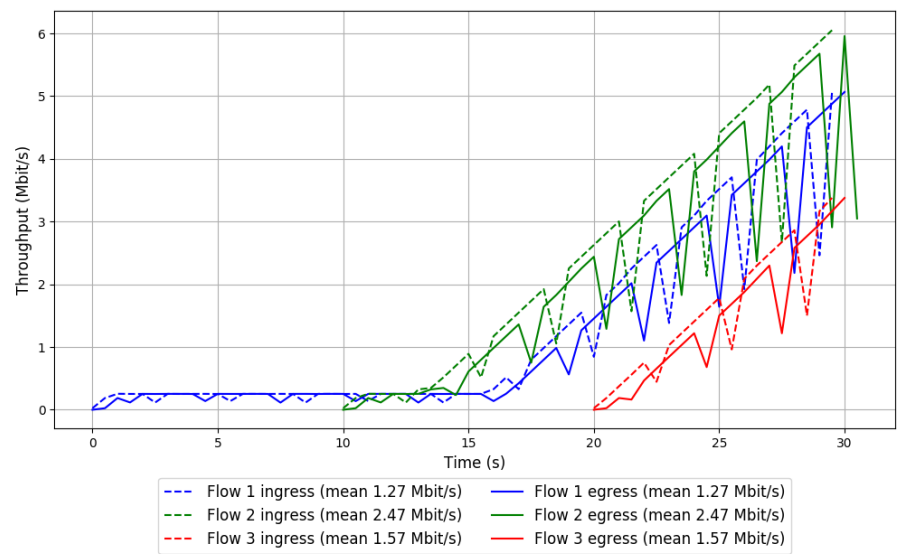


Run 10: Statistics of LEDBAT

Start at: 2018-06-30 20:14:54
End at: 2018-06-30 20:15:24
Local clock offset: -0.057 ms
Remote clock offset: -0.308 ms

Below is generated by plot.py at 2018-06-30 21:36:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.42 Mbit/s
95th percentile per-packet one-way delay: 136.421 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.27 Mbit/s
95th percentile per-packet one-way delay: 136.400 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 2.47 Mbit/s
95th percentile per-packet one-way delay: 136.489 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.57 Mbit/s
95th percentile per-packet one-way delay: 136.203 ms
Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link

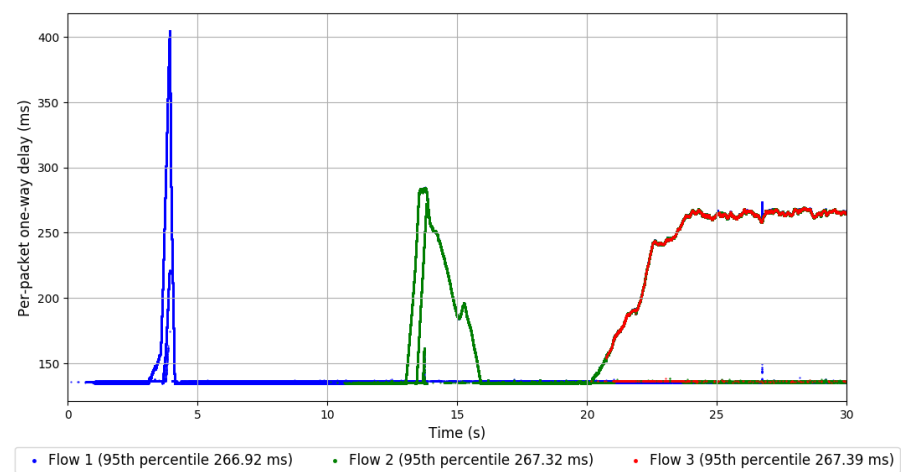
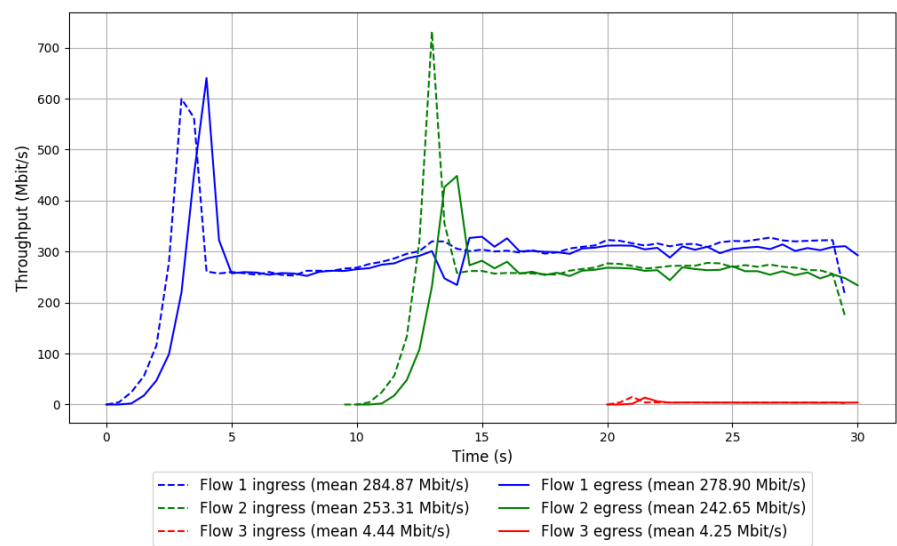


```
Run 1: Statistics of PCC-Allegro

Start at: 2018-06-30 16:17:33
End at: 2018-06-30 16:18:03
Local clock offset: -0.239 ms
Remote clock offset: 0.105 ms

# Below is generated by plot.py at 2018-06-30 21:36:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 441.74 Mbit/s
95th percentile per-packet one-way delay: 267.083 ms
Loss rate: 2.87%
-- Flow 1:
Average throughput: 278.90 Mbit/s
95th percentile per-packet one-way delay: 266.924 ms
Loss rate: 2.08%
-- Flow 2:
Average throughput: 242.65 Mbit/s
95th percentile per-packet one-way delay: 267.320 ms
Loss rate: 4.20%
-- Flow 3:
Average throughput: 4.25 Mbit/s
95th percentile per-packet one-way delay: 267.386 ms
Loss rate: 4.24%
```

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2018-06-30 16:43:40

End at: 2018-06-30 16:44:10

Local clock offset: -0.18 ms

Remote clock offset: 0.054 ms

Below is generated by plot.py at 2018-06-30 21:36:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 428.14 Mbit/s

95th percentile per-packet one-way delay: 265.286 ms

Loss rate: 3.25%

-- Flow 1:

Average throughput: 313.78 Mbit/s

95th percentile per-packet one-way delay: 264.758 ms

Loss rate: 2.73%

-- Flow 2:

Average throughput: 142.88 Mbit/s

95th percentile per-packet one-way delay: 265.908 ms

Loss rate: 3.96%

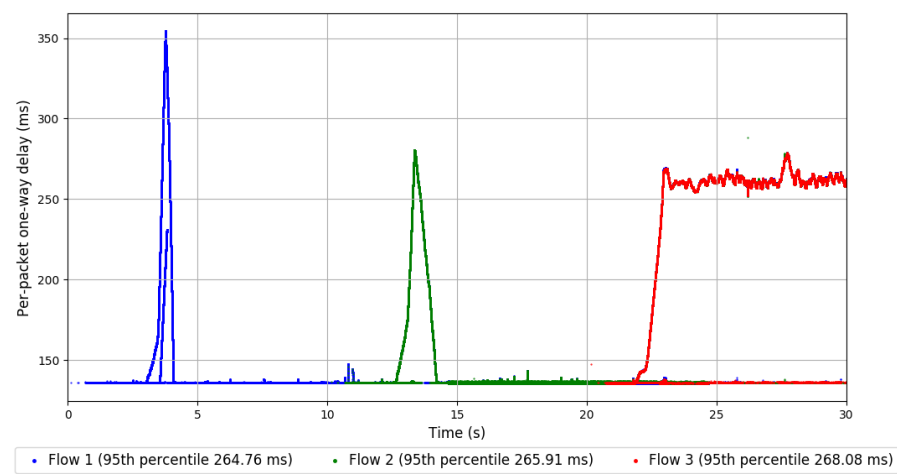
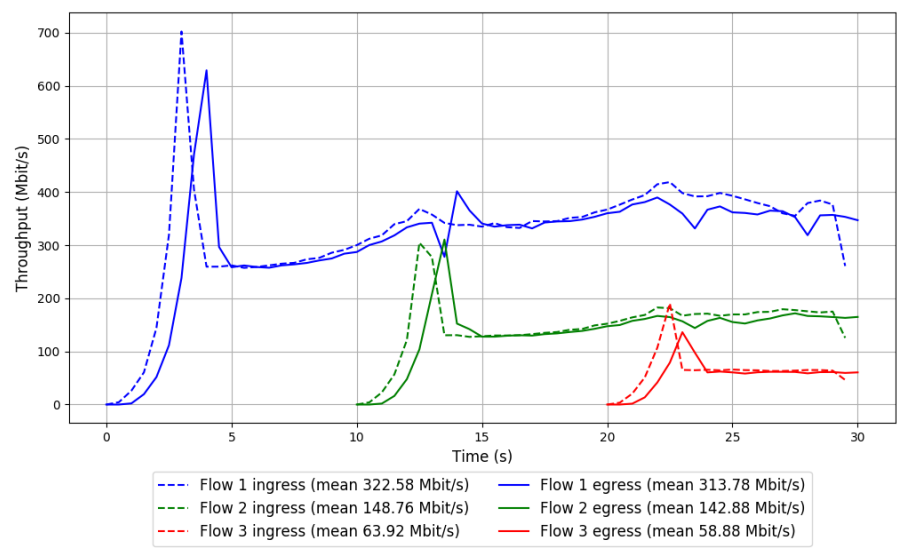
-- Flow 3:

Average throughput: 58.88 Mbit/s

95th percentile per-packet one-way delay: 268.080 ms

Loss rate: 7.99%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2018-06-30 17:09:37

End at: 2018-06-30 17:10:07

Local clock offset: 0.348 ms

Remote clock offset: 0.047 ms

Below is generated by plot.py at 2018-06-30 21:36:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 525.65 Mbit/s

95th percentile per-packet one-way delay: 264.246 ms

Loss rate: 1.29%

-- Flow 1:

Average throughput: 469.53 Mbit/s

95th percentile per-packet one-way delay: 264.362 ms

Loss rate: 1.31%

-- Flow 2:

Average throughput: 68.18 Mbit/s

95th percentile per-packet one-way delay: 263.733 ms

Loss rate: 0.92%

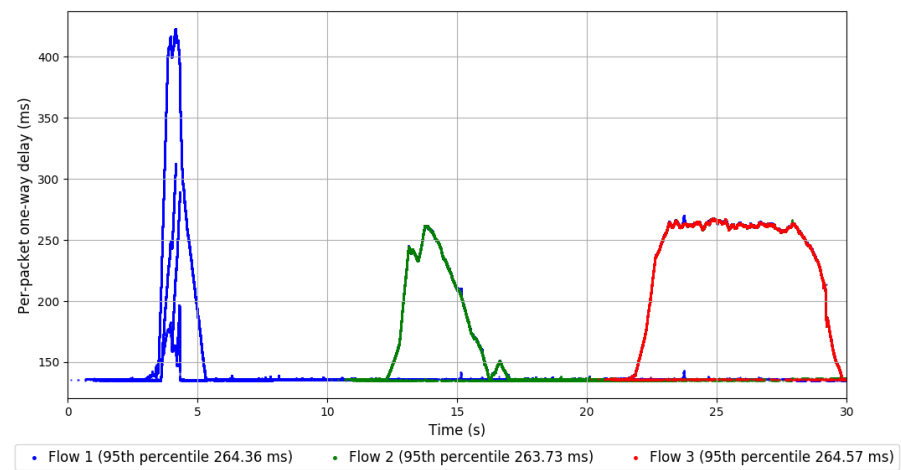
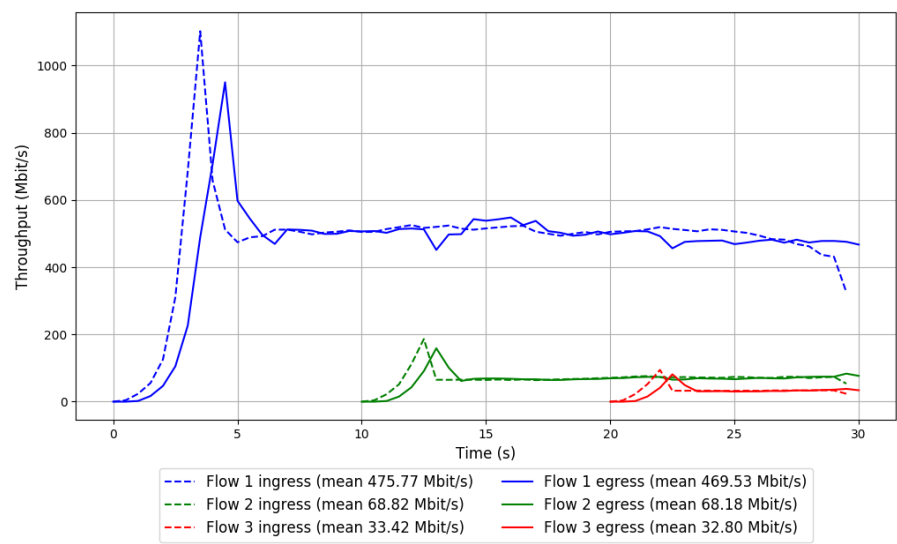
-- Flow 3:

Average throughput: 32.80 Mbit/s

95th percentile per-packet one-way delay: 264.569 ms

Loss rate: 1.88%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2018-06-30 17:35:56

End at: 2018-06-30 17:36:26

Local clock offset: -0.01 ms

Remote clock offset: 0.417 ms

Below is generated by plot.py at 2018-06-30 21:36:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 531.13 Mbit/s

95th percentile per-packet one-way delay: 256.522 ms

Loss rate: 2.03%

-- Flow 1:

Average throughput: 467.60 Mbit/s

95th percentile per-packet one-way delay: 256.504 ms

Loss rate: 2.02%

-- Flow 2:

Average throughput: 64.70 Mbit/s

95th percentile per-packet one-way delay: 256.419 ms

Loss rate: 1.52%

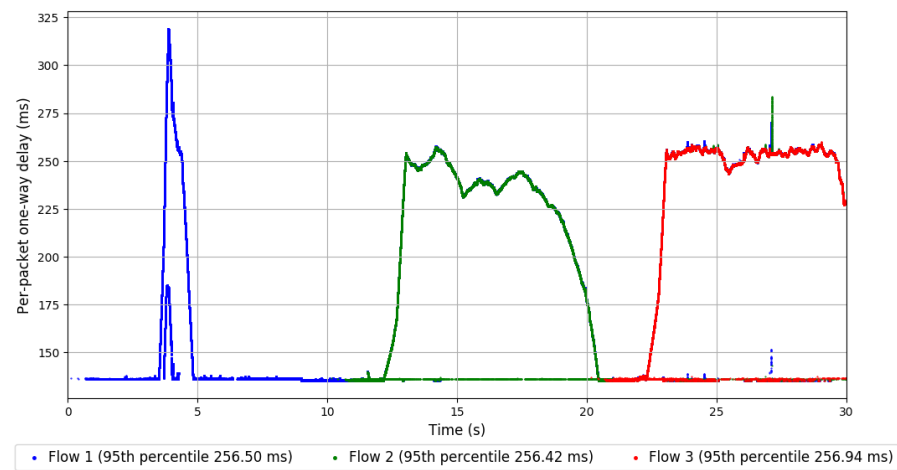
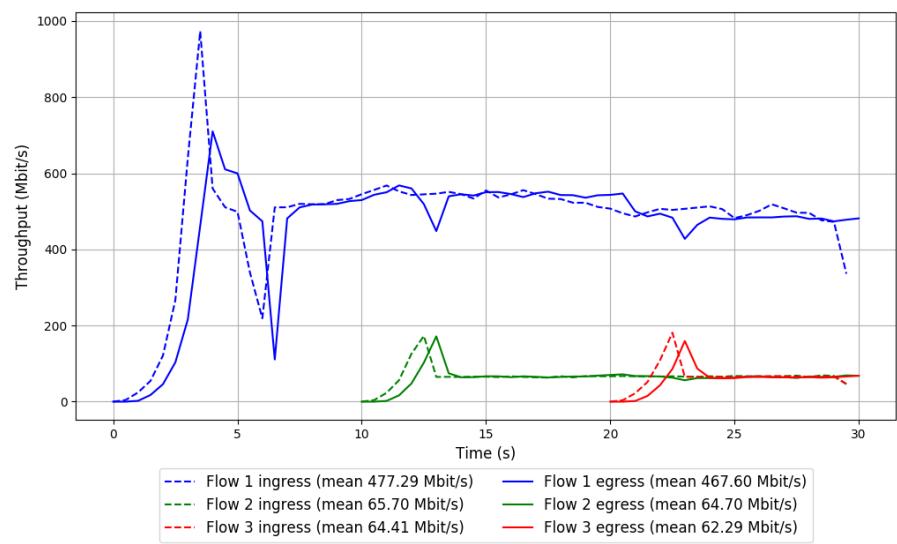
-- Flow 3:

Average throughput: 62.29 Mbit/s

95th percentile per-packet one-way delay: 256.945 ms

Loss rate: 3.28%

Run 4: Report of PCC-Allegro — Data Link

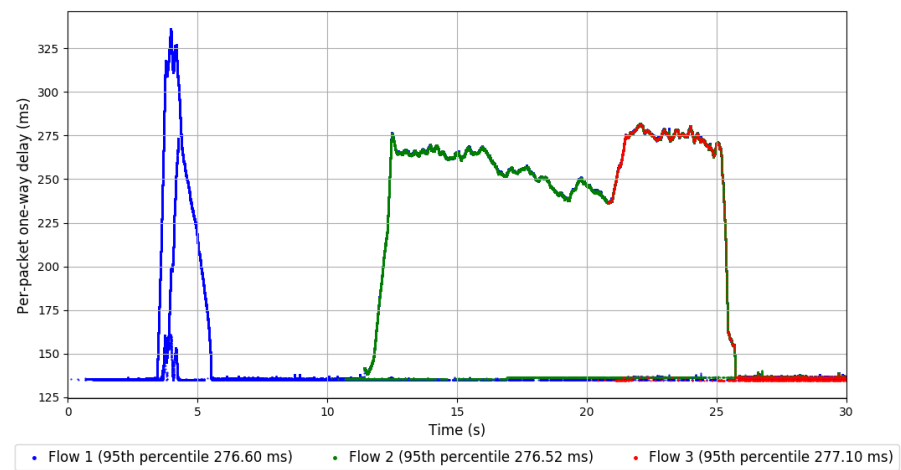
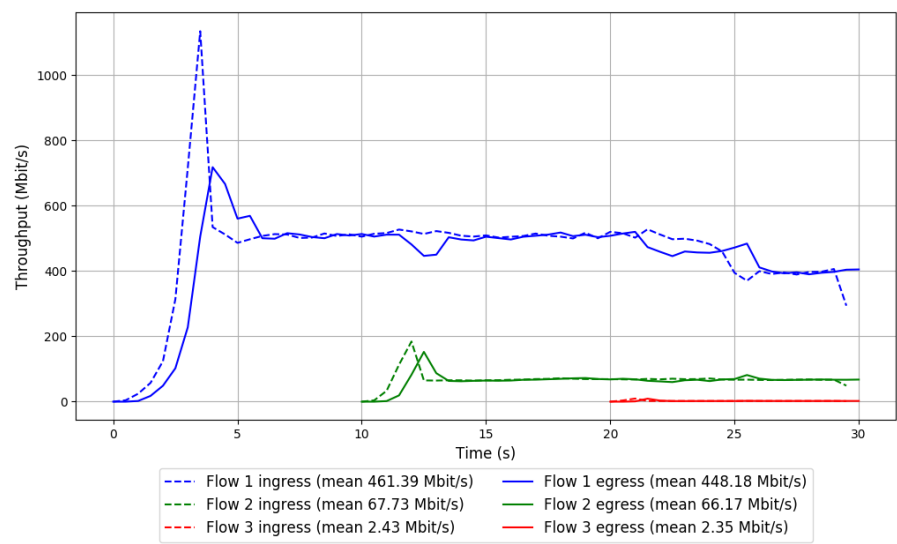


Run 5: Statistics of PCC-Allegro

Start at: 2018-06-30 18:02:18
End at: 2018-06-30 18:02:48
Local clock offset: 0.05 ms
Remote clock offset: -0.407 ms

Below is generated by plot.py at 2018-06-30 21:36:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 492.94 Mbit/s
95th percentile per-packet one-way delay: 276.596 ms
Loss rate: 2.81%
-- Flow 1:
Average throughput: 448.18 Mbit/s
95th percentile per-packet one-way delay: 276.604 ms
Loss rate: 2.86%
-- Flow 2:
Average throughput: 66.17 Mbit/s
95th percentile per-packet one-way delay: 276.522 ms
Loss rate: 2.30%
-- Flow 3:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 277.104 ms
Loss rate: 3.36%

Run 5: Report of PCC-Allegro — Data Link



Run 6: Statistics of PCC-Allegro

Start at: 2018-06-30 18:28:19

End at: 2018-06-30 18:28:49

Local clock offset: 0.192 ms

Remote clock offset: 0.04 ms

Below is generated by plot.py at 2018-06-30 21:36:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 501.29 Mbit/s

95th percentile per-packet one-way delay: 275.348 ms

Loss rate: 2.04%

-- Flow 1:

Average throughput: 485.09 Mbit/s

95th percentile per-packet one-way delay: 275.245 ms

Loss rate: 2.05%

-- Flow 2:

Average throughput: 16.26 Mbit/s

95th percentile per-packet one-way delay: 275.502 ms

Loss rate: 1.27%

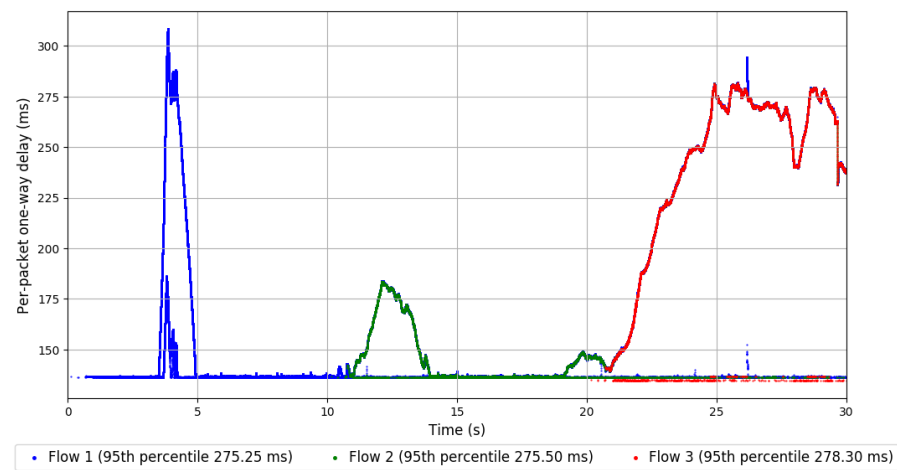
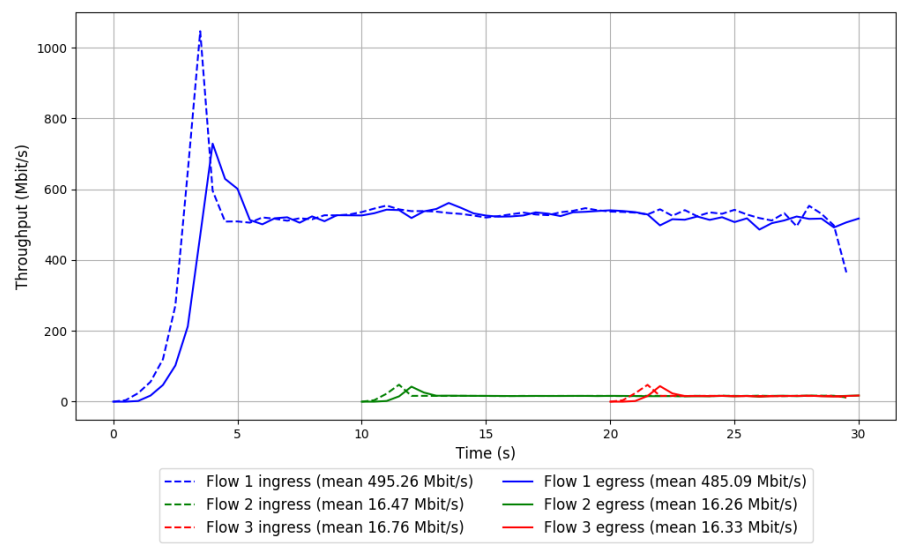
-- Flow 3:

Average throughput: 16.33 Mbit/s

95th percentile per-packet one-way delay: 278.300 ms

Loss rate: 2.53%

Run 6: Report of PCC-Allegro — Data Link



Run 7: Statistics of PCC-Allegro

Start at: 2018-06-30 18:54:11

End at: 2018-06-30 18:54:41

Local clock offset: 0.09 ms

Remote clock offset: 0.447 ms

Below is generated by plot.py at 2018-06-30 21:36:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 536.98 Mbit/s

95th percentile per-packet one-way delay: 261.680 ms

Loss rate: 4.54%

-- Flow 1:

Average throughput: 457.96 Mbit/s

95th percentile per-packet one-way delay: 261.483 ms

Loss rate: 4.30%

-- Flow 2:

Average throughput: 61.67 Mbit/s

95th percentile per-packet one-way delay: 261.990 ms

Loss rate: 4.99%

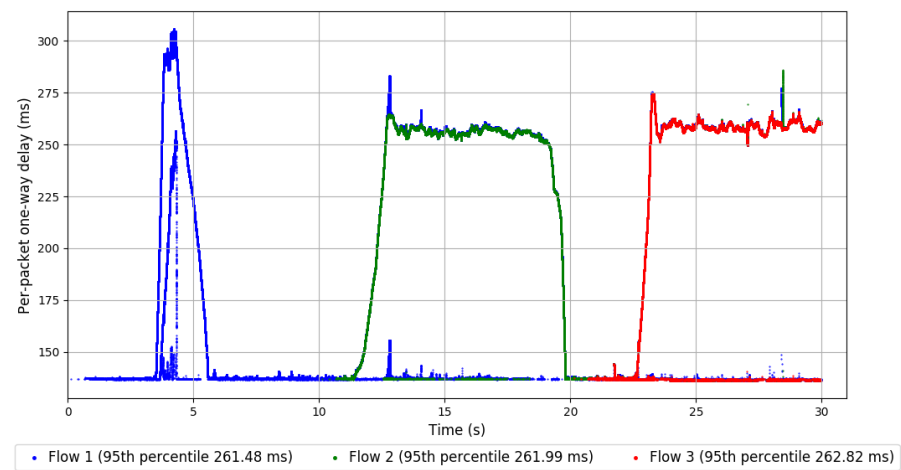
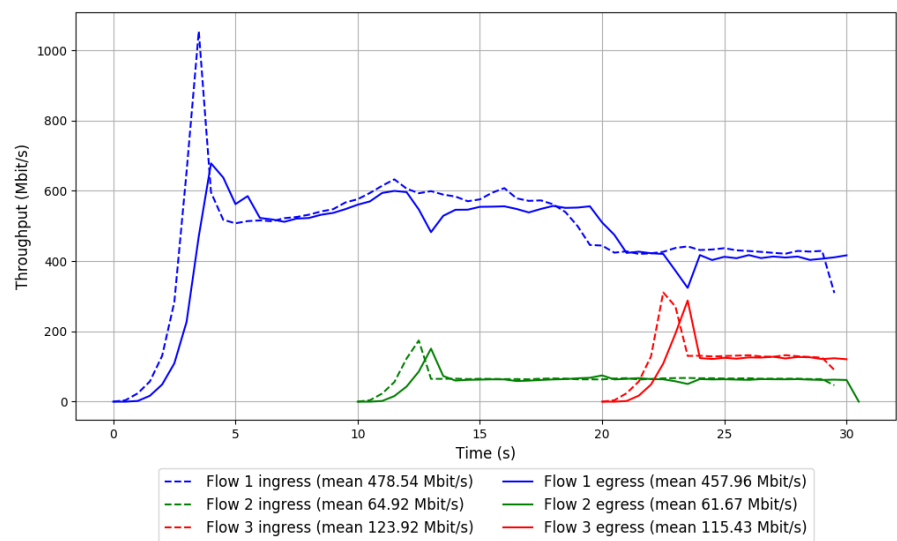
-- Flow 3:

Average throughput: 115.43 Mbit/s

95th percentile per-packet one-way delay: 262.824 ms

Loss rate: 6.85%

Run 7: Report of PCC-Allegro — Data Link



Run 8: Statistics of PCC-Allegro

Start at: 2018-06-30 19:20:29

End at: 2018-06-30 19:20:59

Local clock offset: 0.182 ms

Remote clock offset: 0.043 ms

Below is generated by plot.py at 2018-06-30 21:36:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 520.97 Mbit/s

95th percentile per-packet one-way delay: 259.707 ms

Loss rate: 1.87%

-- Flow 1:

Average throughput: 456.81 Mbit/s

95th percentile per-packet one-way delay: 259.778 ms

Loss rate: 1.99%

-- Flow 2:

Average throughput: 65.24 Mbit/s

95th percentile per-packet one-way delay: 258.827 ms

Loss rate: 0.52%

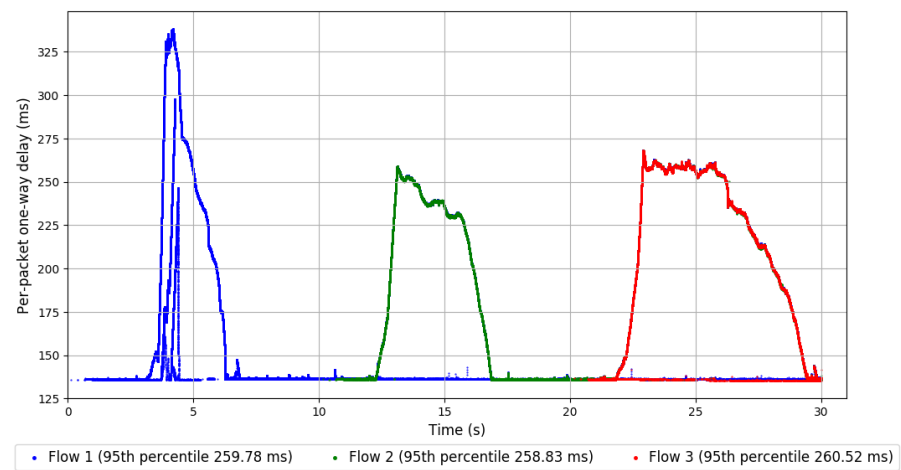
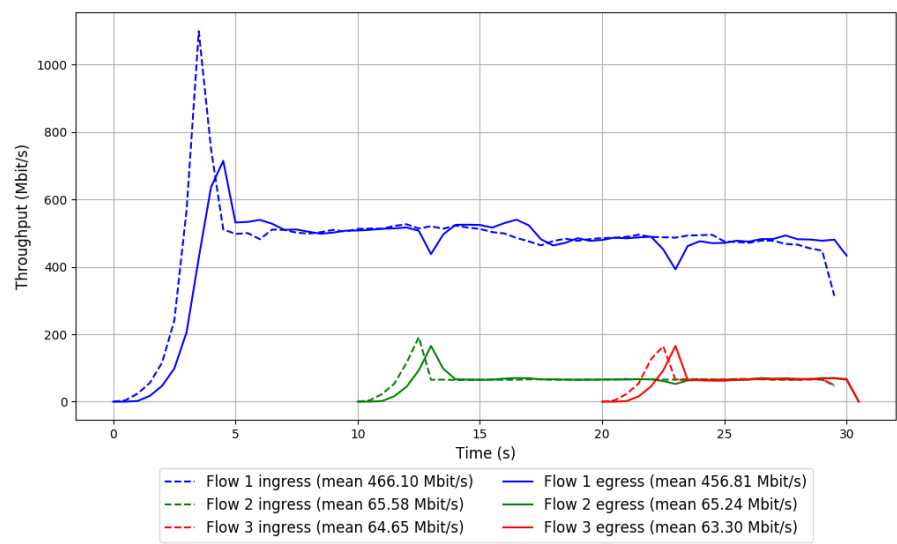
-- Flow 3:

Average throughput: 63.30 Mbit/s

95th percentile per-packet one-way delay: 260.516 ms

Loss rate: 2.06%

Run 8: Report of PCC-Allegro — Data Link

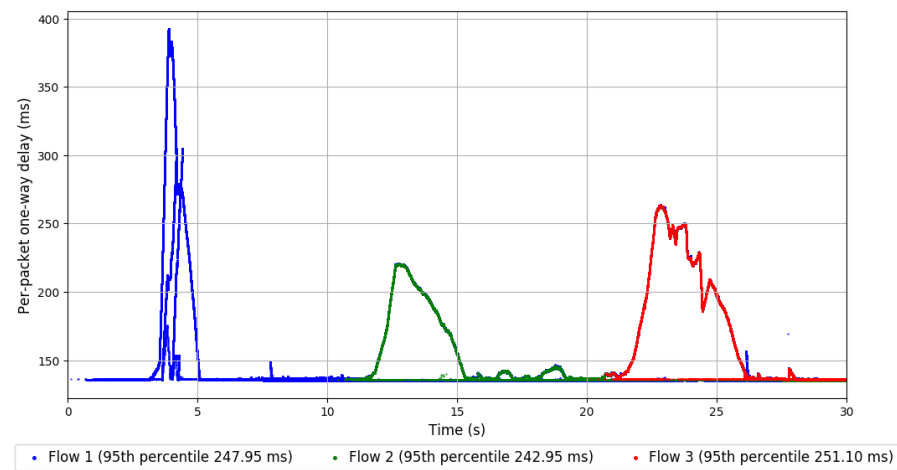
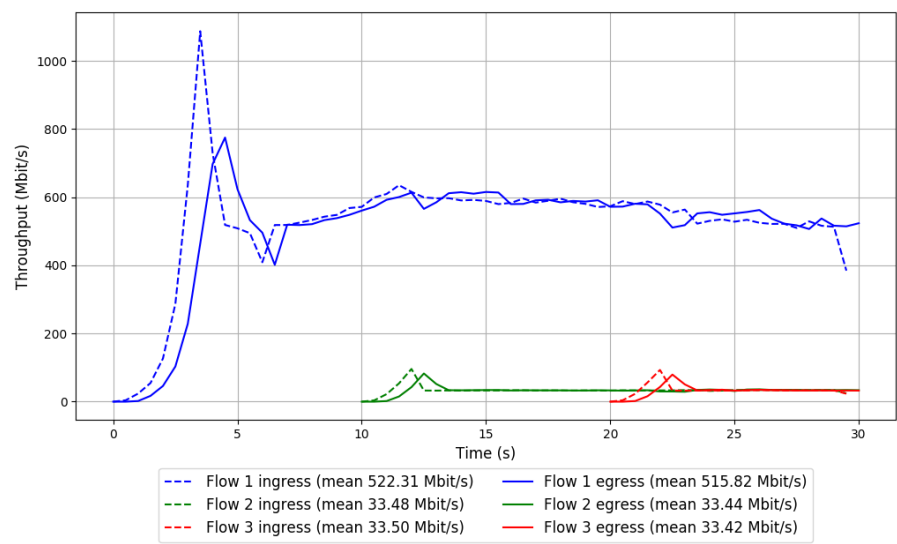


Run 9: Statistics of PCC-Allegro

Start at: 2018-06-30 19:47:07
End at: 2018-06-30 19:47:37
Local clock offset: 0.096 ms
Remote clock offset: -0.302 ms

Below is generated by plot.py at 2018-06-30 21:38:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 549.05 Mbit/s
95th percentile per-packet one-way delay: 247.899 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 515.82 Mbit/s
95th percentile per-packet one-way delay: 247.948 ms
Loss rate: 1.24%
-- Flow 2:
Average throughput: 33.44 Mbit/s
95th percentile per-packet one-way delay: 242.951 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 33.42 Mbit/s
95th percentile per-packet one-way delay: 251.100 ms
Loss rate: 0.24%

Run 9: Report of PCC-Allegro — Data Link



Run 10: Statistics of PCC-Allegro

Start at: 2018-06-30 20:13:18

End at: 2018-06-30 20:13:48

Local clock offset: 0.101 ms

Remote clock offset: 0.06 ms

Below is generated by plot.py at 2018-06-30 21:38:34

Datalink statistics

-- Total of 3 flows:

Average throughput: 424.59 Mbit/s

95th percentile per-packet one-way delay: 265.384 ms

Loss rate: 2.33%

-- Flow 1:

Average throughput: 309.08 Mbit/s

95th percentile per-packet one-way delay: 265.234 ms

Loss rate: 1.96%

-- Flow 2:

Average throughput: 143.02 Mbit/s

95th percentile per-packet one-way delay: 265.433 ms

Loss rate: 2.81%

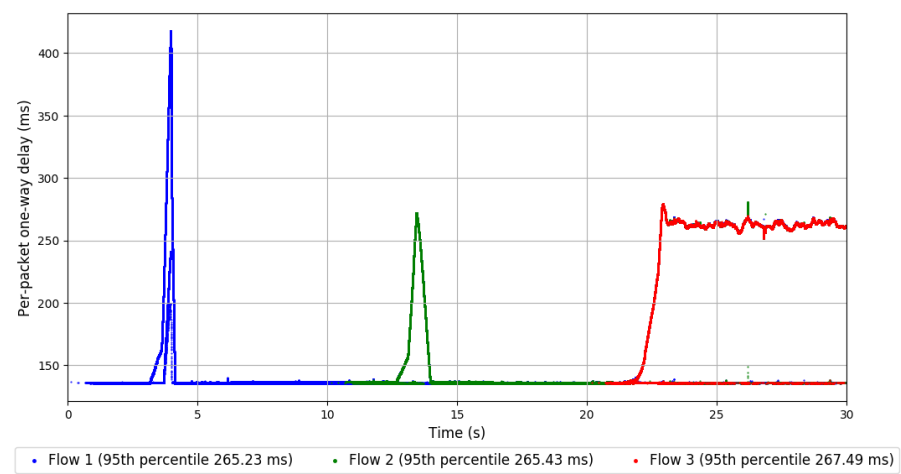
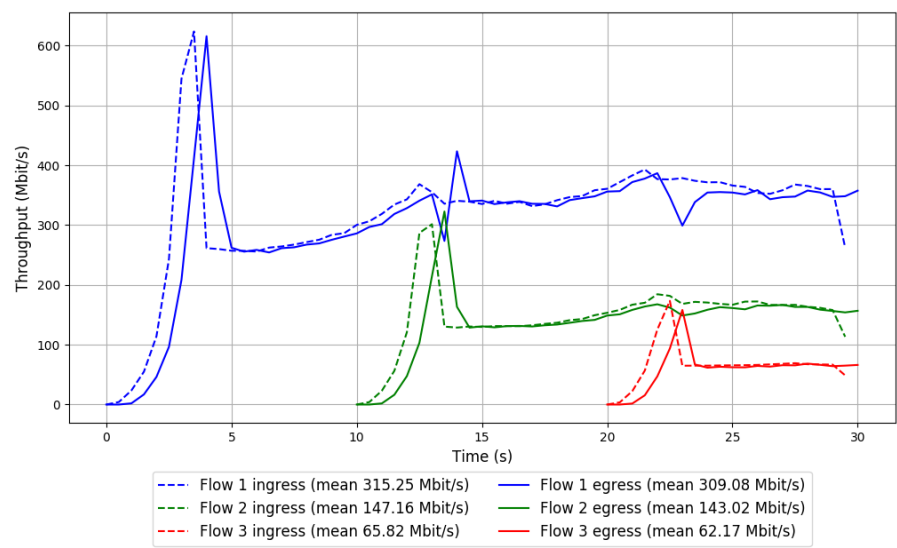
-- Flow 3:

Average throughput: 62.17 Mbit/s

95th percentile per-packet one-way delay: 267.489 ms

Loss rate: 5.55%

Run 10: Report of PCC-Allegro — Data Link

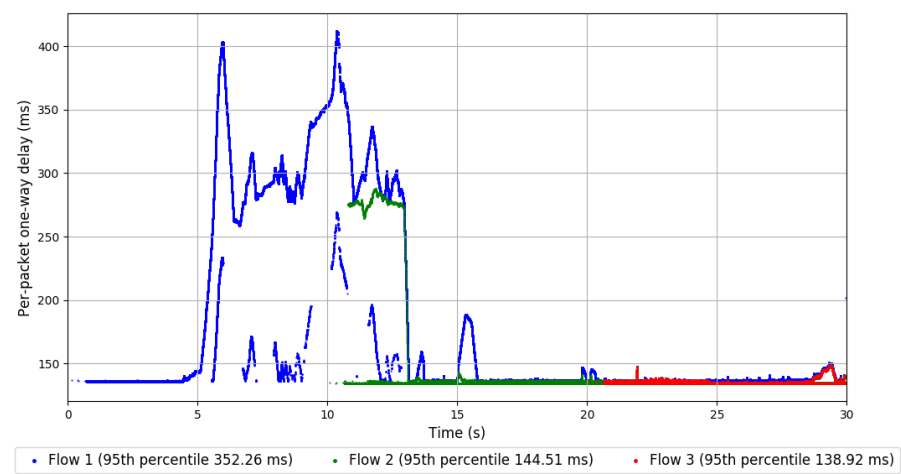
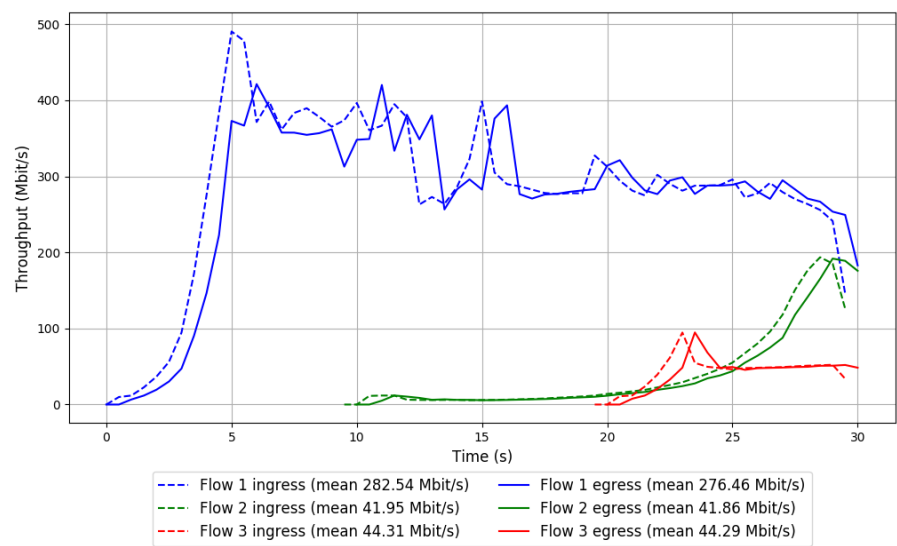


```
Run 1: Statistics of PCC-Expr

Start at: 2018-06-30 16:06:00
End at: 2018-06-30 16:06:30
Local clock offset: -0.338 ms
Remote clock offset: 0.049 ms

# Below is generated by plot.py at 2018-06-30 21:39:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 319.02 Mbit/s
95th percentile per-packet one-way delay: 348.735 ms
Loss rate: 1.87%
-- Flow 1:
Average throughput: 276.46 Mbit/s
95th percentile per-packet one-way delay: 352.258 ms
Loss rate: 2.14%
-- Flow 2:
Average throughput: 41.86 Mbit/s
95th percentile per-packet one-way delay: 144.512 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 44.29 Mbit/s
95th percentile per-packet one-way delay: 138.919 ms
Loss rate: 0.03%
```


Run 1: Report of PCC-Expr — Data Link

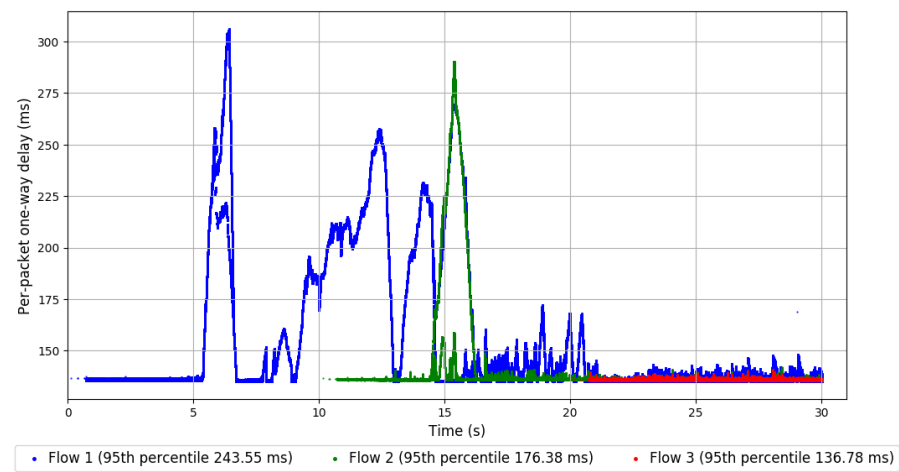
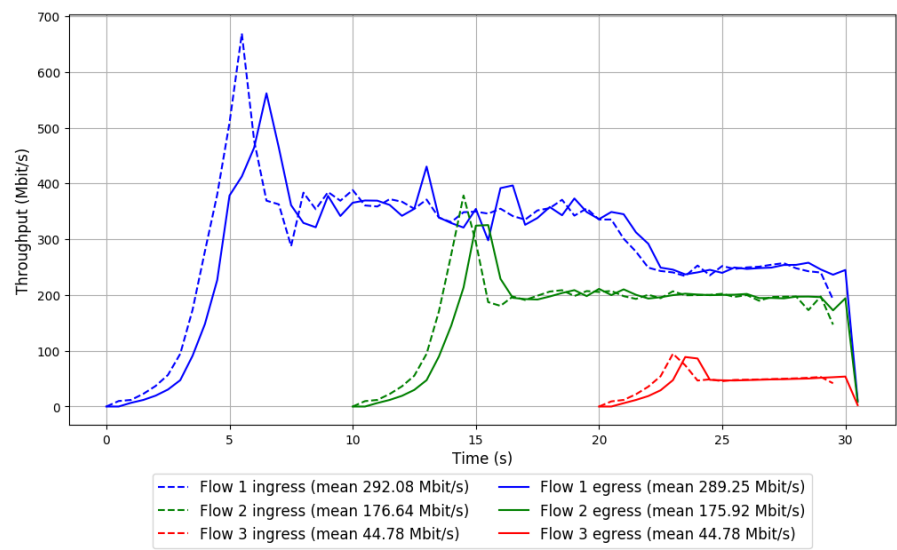


```
Run 2: Statistics of PCC-Expr

Start at: 2018-06-30 16:31:28
End at: 2018-06-30 16:31:58
Local clock offset: -0.365 ms
Remote clock offset: 0.071 ms

# Below is generated by plot.py at 2018-06-30 21:44:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 421.02 Mbit/s
95th percentile per-packet one-way delay: 234.949 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 289.25 Mbit/s
95th percentile per-packet one-way delay: 243.551 ms
Loss rate: 0.97%
-- Flow 2:
Average throughput: 175.92 Mbit/s
95th percentile per-packet one-way delay: 176.380 ms
Loss rate: 0.41%
-- Flow 3:
Average throughput: 44.78 Mbit/s
95th percentile per-packet one-way delay: 136.778 ms
Loss rate: 0.00%
```

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

Start at: 2018-06-30 16:57:36

End at: 2018-06-30 16:58:06

Local clock offset: 0.33 ms

Remote clock offset: 0.045 ms

Below is generated by plot.py at 2018-06-30 21:44:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 343.88 Mbit/s

95th percentile per-packet one-way delay: 210.055 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 204.74 Mbit/s

95th percentile per-packet one-way delay: 238.695 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 168.28 Mbit/s

95th percentile per-packet one-way delay: 136.466 ms

Loss rate: 0.00%

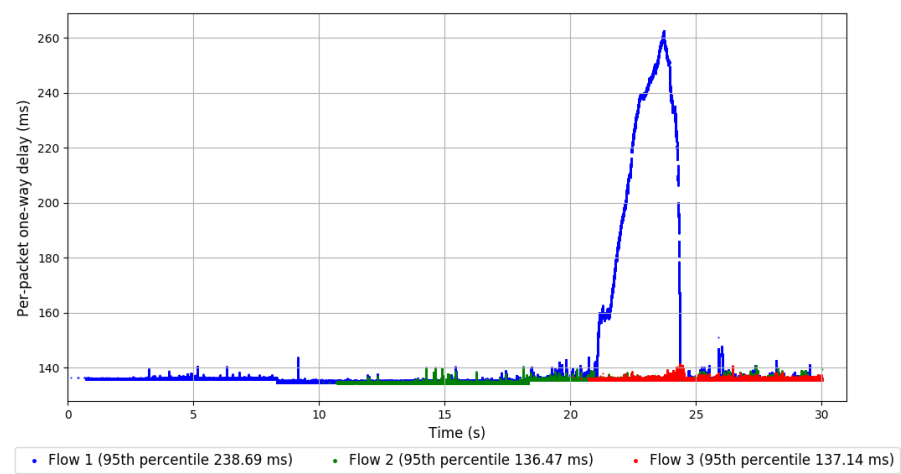
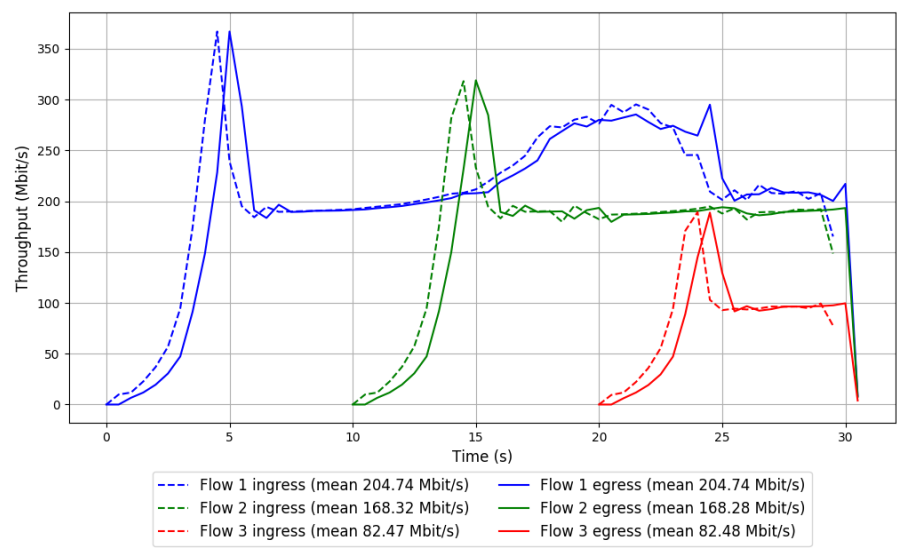
-- Flow 3:

Average throughput: 82.48 Mbit/s

95th percentile per-packet one-way delay: 137.138 ms

Loss rate: 0.00%

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

Start at: 2018-06-30 17:23:36

End at: 2018-06-30 17:24:06

Local clock offset: 0.303 ms

Remote clock offset: 0.02 ms

Below is generated by plot.py at 2018-06-30 21:46:43

Datalink statistics

-- Total of 3 flows:

Average throughput: 338.41 Mbit/s

95th percentile per-packet one-way delay: 163.980 ms

Loss rate: 0.38%

-- Flow 1:

Average throughput: 174.52 Mbit/s

95th percentile per-packet one-way delay: 137.938 ms

Loss rate: 0.17%

-- Flow 2:

Average throughput: 171.73 Mbit/s

95th percentile per-packet one-way delay: 160.942 ms

Loss rate: 0.28%

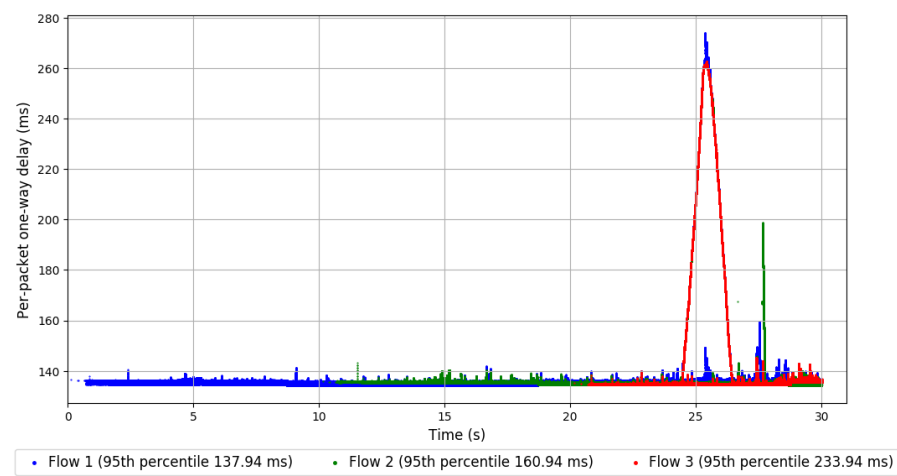
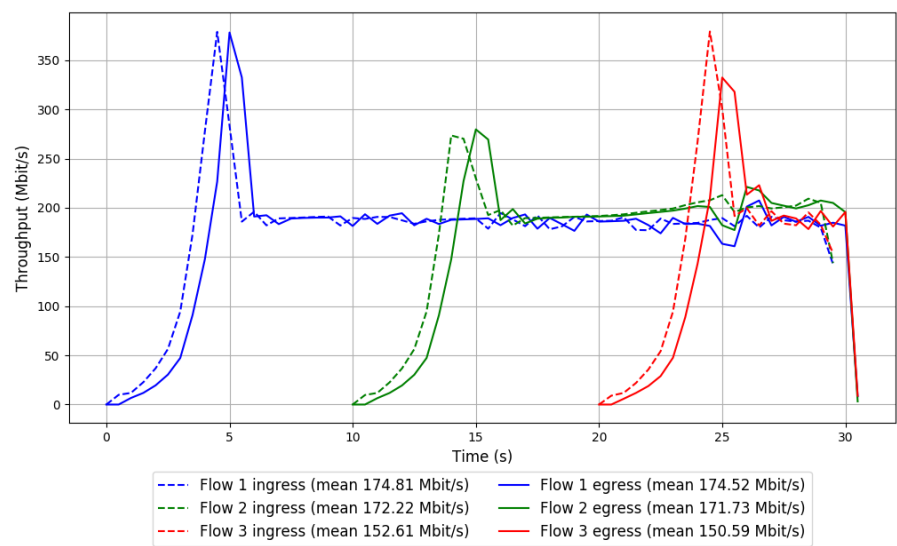
-- Flow 3:

Average throughput: 150.59 Mbit/s

95th percentile per-packet one-way delay: 233.945 ms

Loss rate: 1.36%

Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

Start at: 2018-06-30 17:50:00

End at: 2018-06-30 17:50:30

Local clock offset: 0.185 ms

Remote clock offset: 0.029 ms

Below is generated by plot.py at 2018-06-30 21:49:48

Datalink statistics

-- Total of 3 flows:

Average throughput: 400.92 Mbit/s

95th percentile per-packet one-way delay: 158.524 ms

Loss rate: 0.30%

-- Flow 1:

Average throughput: 261.99 Mbit/s

95th percentile per-packet one-way delay: 157.917 ms

Loss rate: 0.20%

-- Flow 2:

Average throughput: 168.46 Mbit/s

95th percentile per-packet one-way delay: 193.030 ms

Loss rate: 0.60%

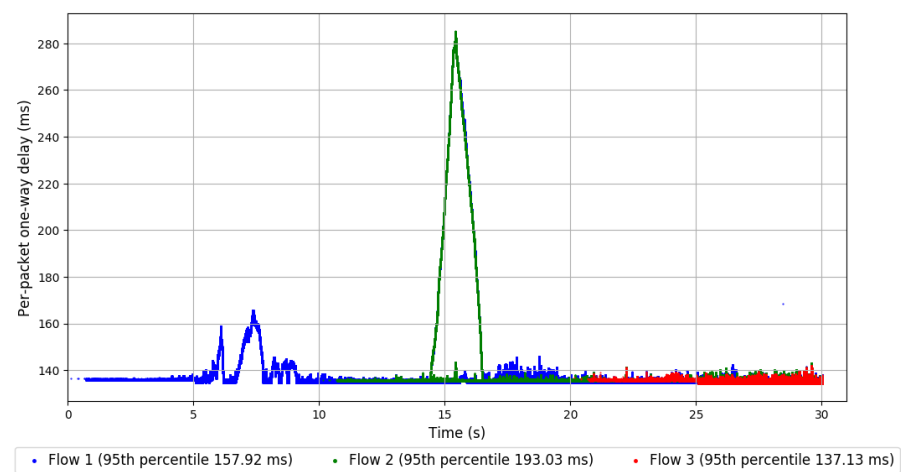
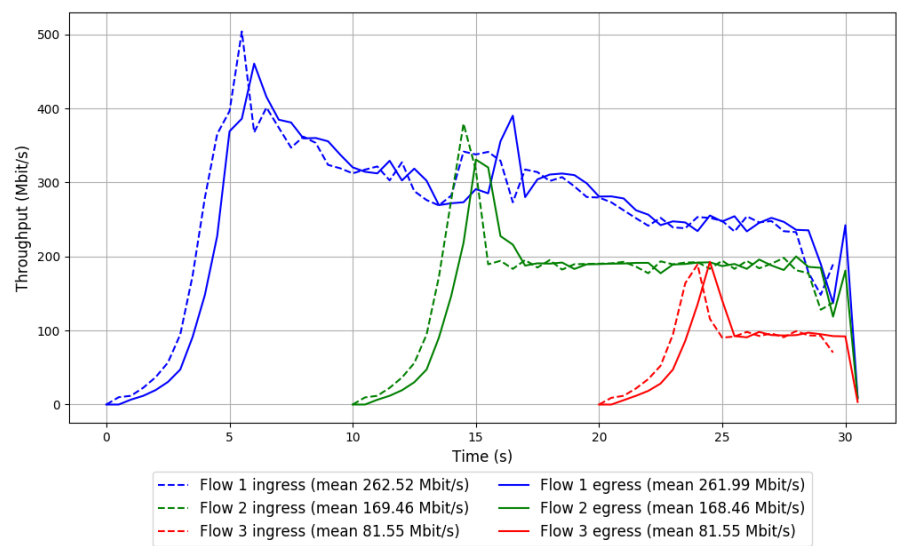
-- Flow 3:

Average throughput: 81.55 Mbit/s

95th percentile per-packet one-way delay: 137.127 ms

Loss rate: 0.00%

Run 5: Report of PCC-Expr — Data Link

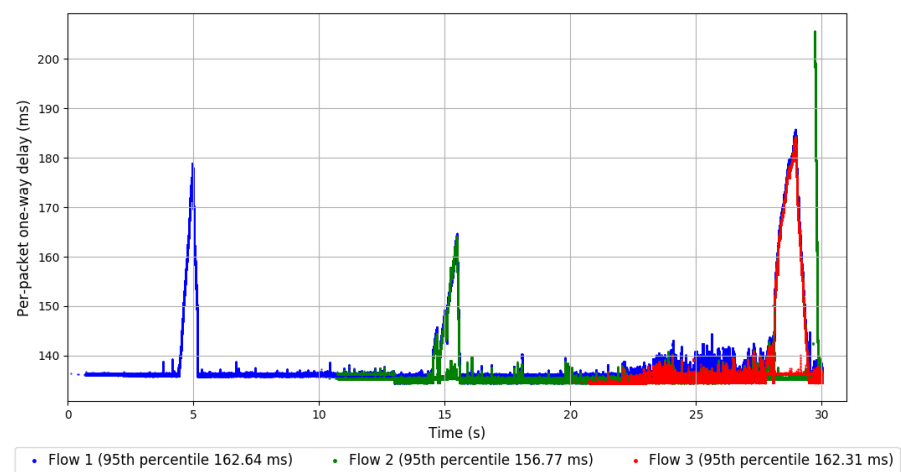
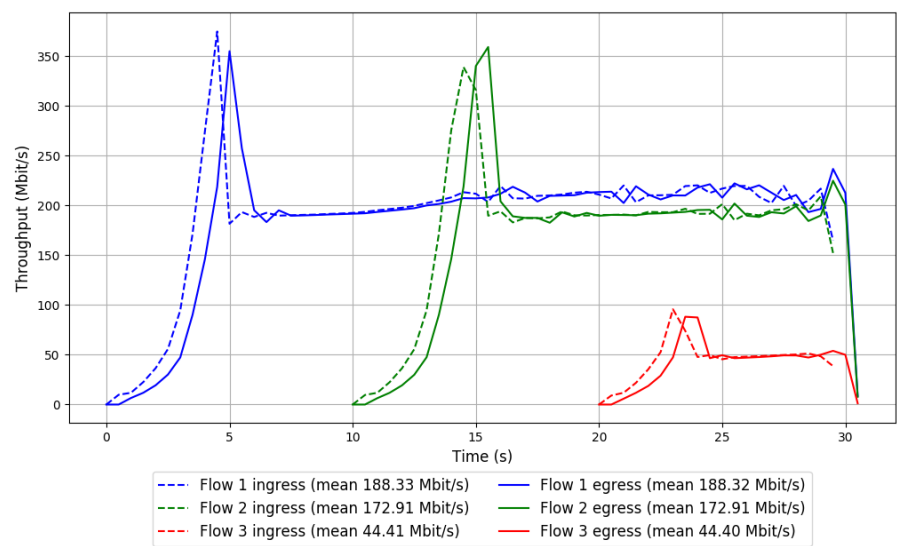


Run 6: Statistics of PCC-Expr

Start at: 2018-06-30 18:16:22
End at: 2018-06-30 18:16:52
Local clock offset: 0.077 ms
Remote clock offset: -0.421 ms

Below is generated by plot.py at 2018-06-30 21:49:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 317.95 Mbit/s
95th percentile per-packet one-way delay: 160.502 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 188.32 Mbit/s
95th percentile per-packet one-way delay: 162.636 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 172.91 Mbit/s
95th percentile per-packet one-way delay: 156.767 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 44.40 Mbit/s
95th percentile per-packet one-way delay: 162.306 ms
Loss rate: 0.00%

Run 6: Report of PCC-Expr — Data Link



Run 7: Statistics of PCC-Expr

Start at: 2018-06-30 18:42:22

End at: 2018-06-30 18:42:52

Local clock offset: -0.041 ms

Remote clock offset: 0.067 ms

Below is generated by plot.py at 2018-06-30 21:49:48

Datalink statistics

-- Total of 3 flows:

Average throughput: 374.25 Mbit/s

95th percentile per-packet one-way delay: 214.071 ms

Loss rate: 0.40%

-- Flow 1:

Average throughput: 288.51 Mbit/s

95th percentile per-packet one-way delay: 235.338 ms

Loss rate: 0.52%

-- Flow 2:

Average throughput: 88.80 Mbit/s

95th percentile per-packet one-way delay: 137.113 ms

Loss rate: 0.00%

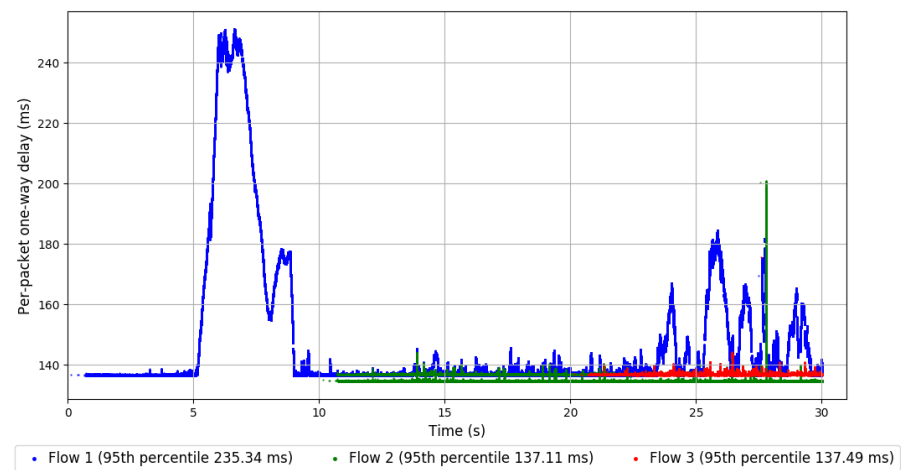
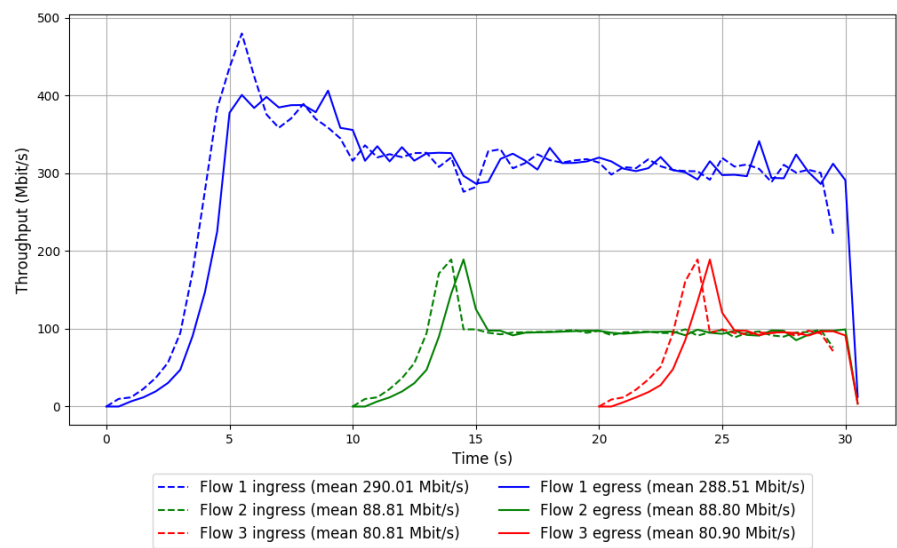
-- Flow 3:

Average throughput: 80.90 Mbit/s

95th percentile per-packet one-way delay: 137.492 ms

Loss rate: 0.01%

Run 7: Report of PCC-Expr — Data Link



Run 8: Statistics of PCC-Expr

Start at: 2018-06-30 19:08:13

End at: 2018-06-30 19:08:43

Local clock offset: 0.1 ms

Remote clock offset: 0.089 ms

Below is generated by plot.py at 2018-06-30 21:52:44

Datalink statistics

-- Total of 3 flows:

Average throughput: 387.71 Mbit/s

95th percentile per-packet one-way delay: 174.614 ms

Loss rate: 0.16%

-- Flow 1:

Average throughput: 295.20 Mbit/s

95th percentile per-packet one-way delay: 190.771 ms

Loss rate: 0.13%

-- Flow 2:

Average throughput: 98.44 Mbit/s

95th percentile per-packet one-way delay: 151.327 ms

Loss rate: 0.18%

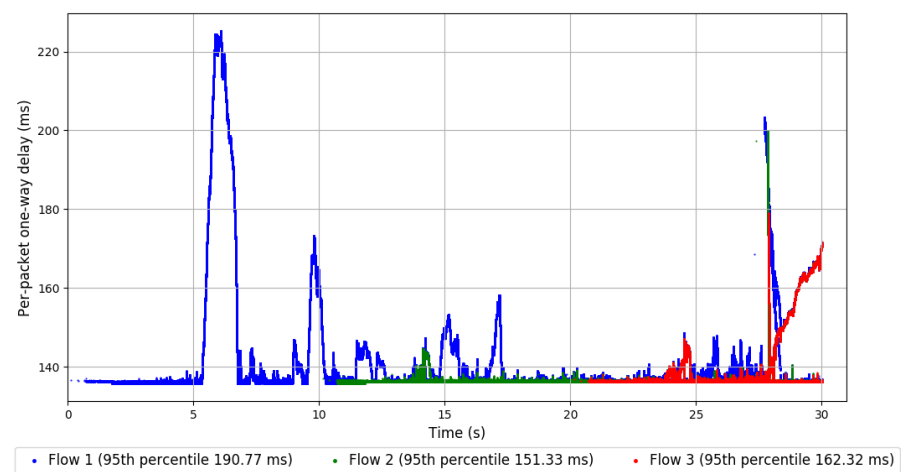
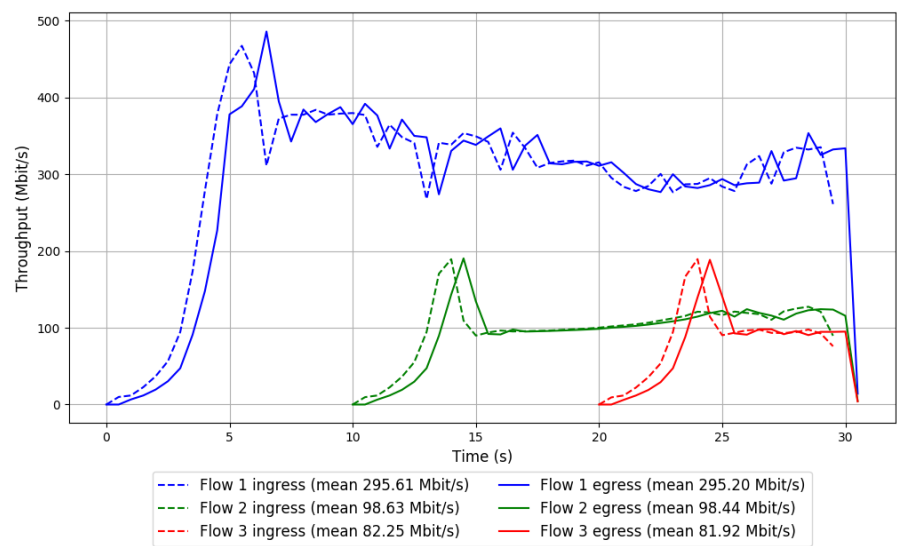
-- Flow 3:

Average throughput: 81.92 Mbit/s

95th percentile per-packet one-way delay: 162.321 ms

Loss rate: 0.38%

Run 8: Report of PCC-Expr — Data Link

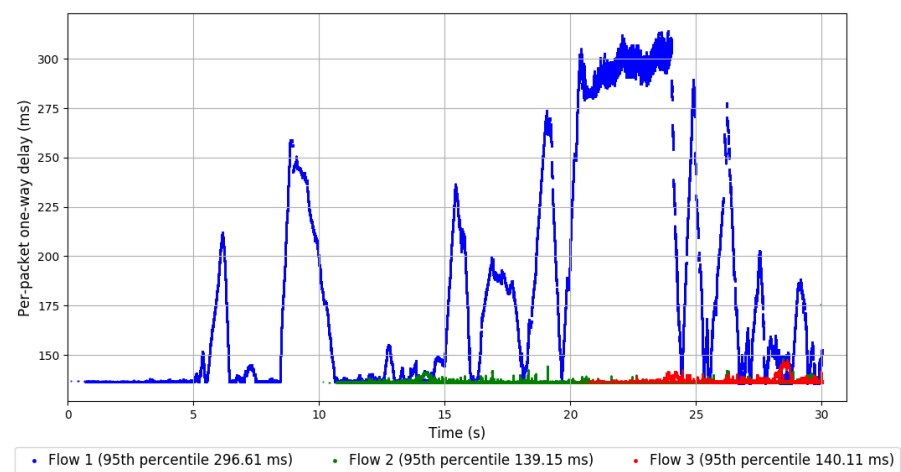
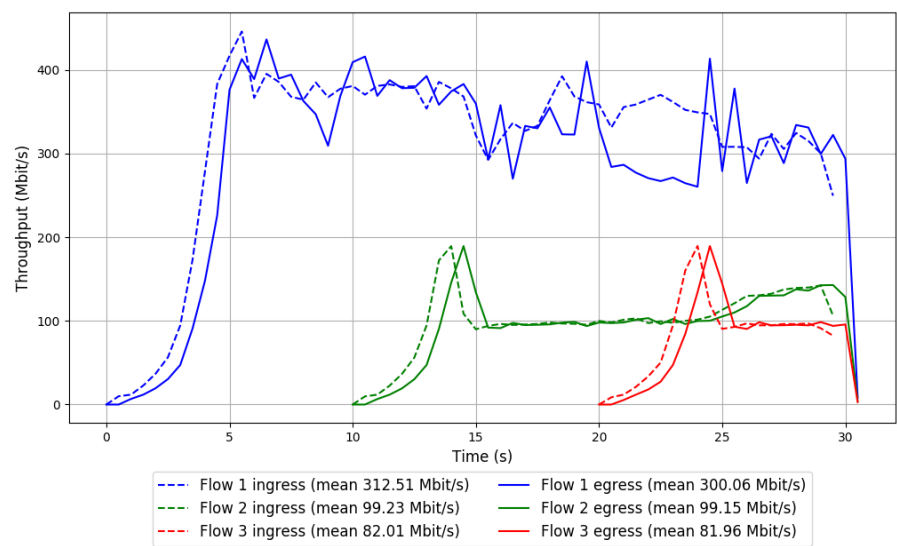


```
Run 9: Statistics of PCC-Expr

Start at: 2018-06-30 19:34:39
End at: 2018-06-30 19:35:09
Local clock offset: 0.022 ms
Remote clock offset: 0.063 ms

# Below is generated by plot.py at 2018-06-30 21:54:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 393.03 Mbit/s
95th percentile per-packet one-way delay: 294.057 ms
Loss rate: 3.24%
-- Flow 1:
Average throughput: 300.06 Mbit/s
95th percentile per-packet one-way delay: 296.606 ms
Loss rate: 4.11%
-- Flow 2:
Average throughput: 99.15 Mbit/s
95th percentile per-packet one-way delay: 139.146 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 81.96 Mbit/s
95th percentile per-packet one-way delay: 140.112 ms
Loss rate: 0.45%
```


Run 9: Report of PCC-Expr — Data Link



Run 10: Statistics of PCC-Expr

Start at: 2018-06-30 20:01:01

End at: 2018-06-30 20:01:31

Local clock offset: 0.161 ms

Remote clock offset: 0.023 ms

Below is generated by plot.py at 2018-06-30 22:00:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 439.59 Mbit/s

95th percentile per-packet one-way delay: 195.205 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 309.29 Mbit/s

95th percentile per-packet one-way delay: 201.000 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 174.13 Mbit/s

95th percentile per-packet one-way delay: 155.005 ms

Loss rate: 0.01%

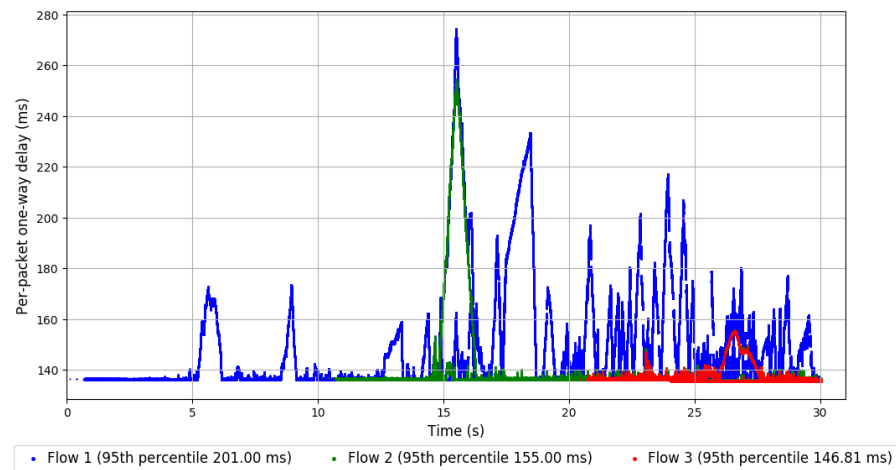
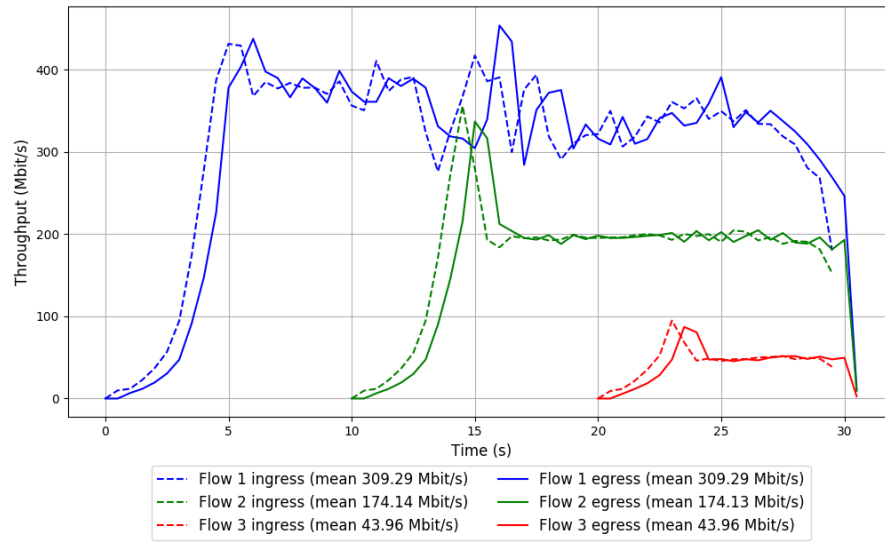
-- Flow 3:

Average throughput: 43.96 Mbit/s

95th percentile per-packet one-way delay: 146.807 ms

Loss rate: 0.00%

Run 10: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-06-30 15:55:04

End at: 2018-06-30 15:55:34

Local clock offset: -0.383 ms

Remote clock offset: 0.006 ms

Below is generated by plot.py at 2018-06-30 22:00:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 46.40 Mbit/s

95th percentile per-packet one-way delay: 136.257 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.04 Mbit/s

95th percentile per-packet one-way delay: 136.538 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 49.06 Mbit/s

95th percentile per-packet one-way delay: 135.644 ms

Loss rate: 0.00%

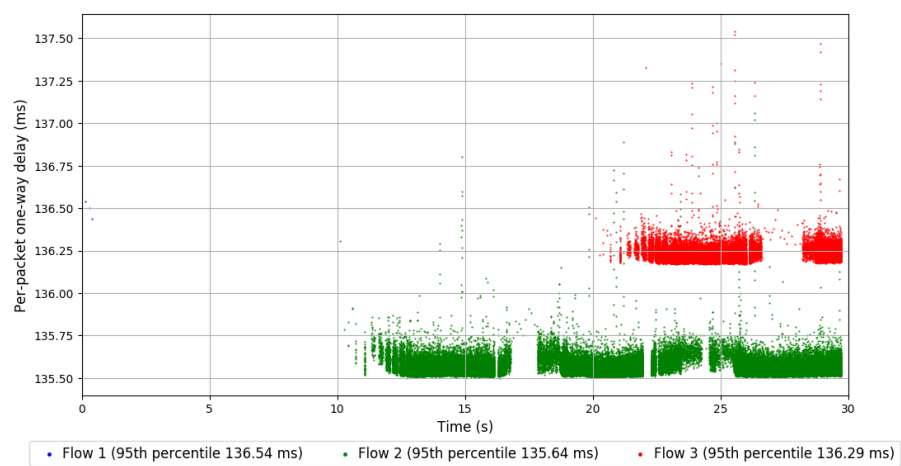
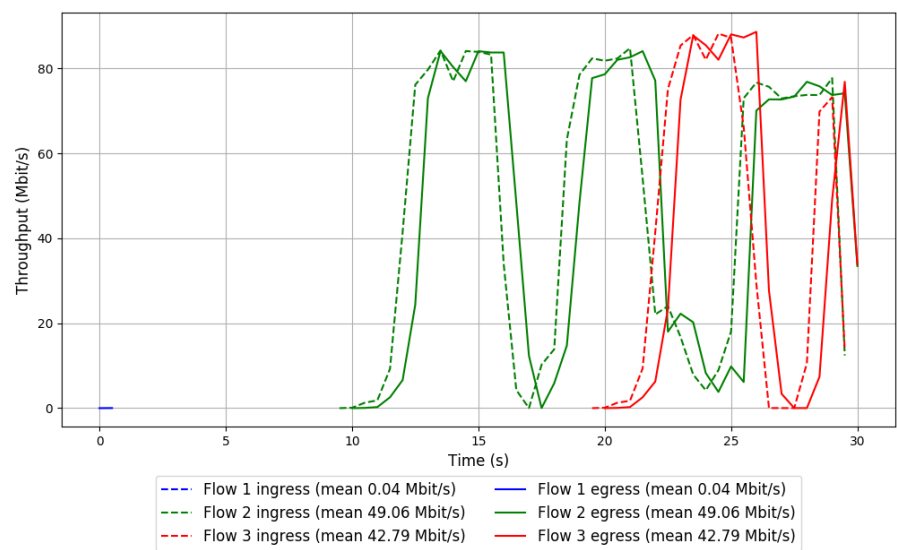
-- Flow 3:

Average throughput: 42.79 Mbit/s

95th percentile per-packet one-way delay: 136.294 ms

Loss rate: 0.01%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-06-30 16:20:25

End at: 2018-06-30 16:20:55

Local clock offset: -0.409 ms

Remote clock offset: 0.063 ms

Below is generated by plot.py at 2018-06-30 22:00:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 101.70 Mbit/s

95th percentile per-packet one-way delay: 136.321 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 51.62 Mbit/s

95th percentile per-packet one-way delay: 136.345 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 49.96 Mbit/s

95th percentile per-packet one-way delay: 135.664 ms

Loss rate: 0.00%

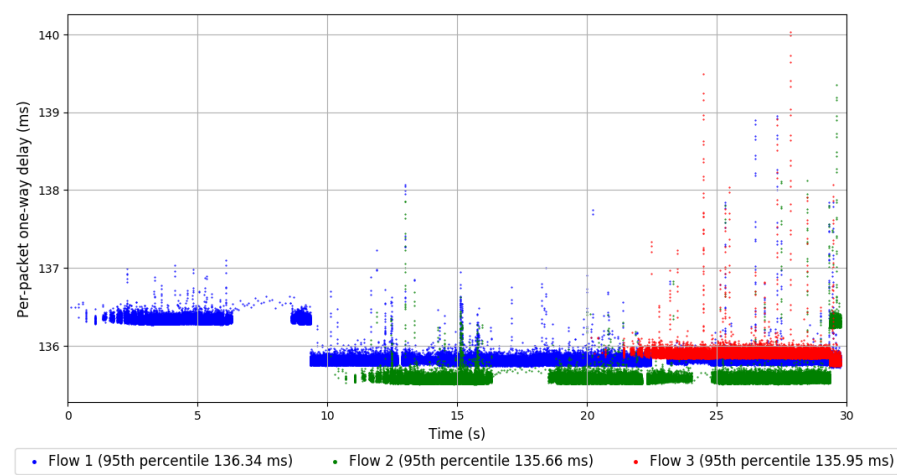
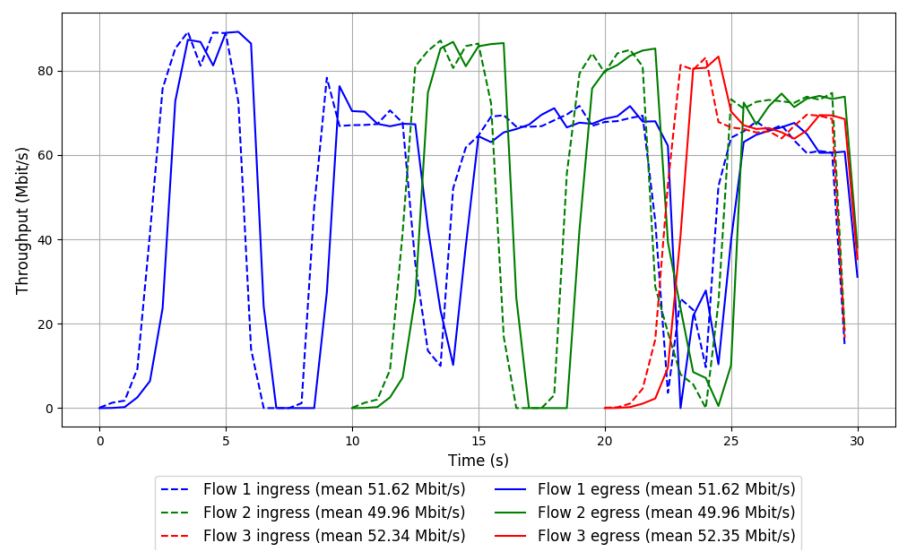
-- Flow 3:

Average throughput: 52.35 Mbit/s

95th percentile per-packet one-way delay: 135.952 ms

Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-06-30 16:46:31

End at: 2018-06-30 16:47:01

Local clock offset: -0.018 ms

Remote clock offset: 0.108 ms

Below is generated by plot.py at 2018-06-30 22:00:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 109.45 Mbit/s

95th percentile per-packet one-way delay: 136.298 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 52.43 Mbit/s

95th percentile per-packet one-way delay: 135.902 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 59.49 Mbit/s

95th percentile per-packet one-way delay: 136.331 ms

Loss rate: 0.00%

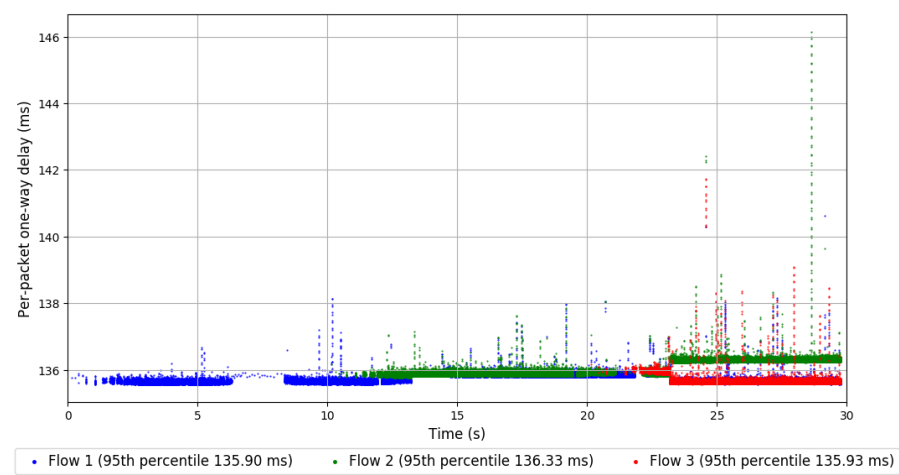
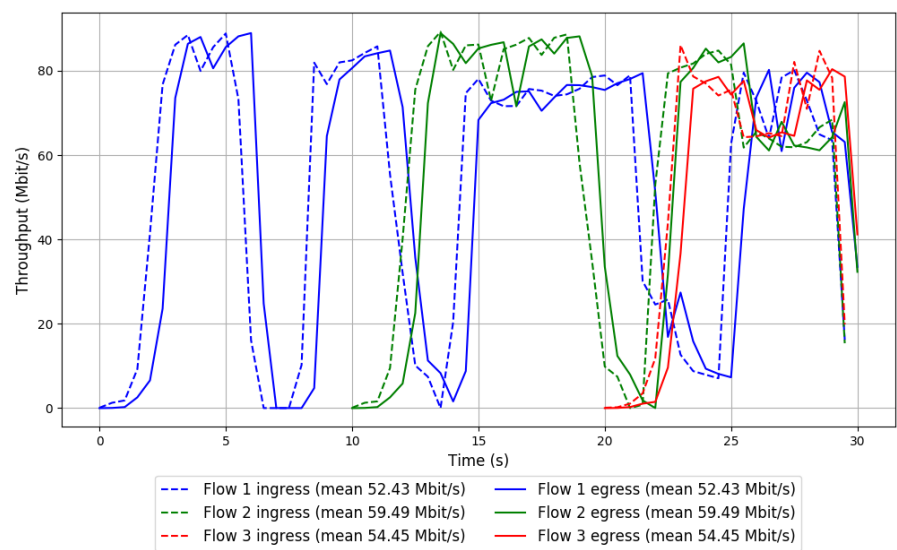
-- Flow 3:

Average throughput: 54.45 Mbit/s

95th percentile per-packet one-way delay: 135.925 ms

Loss rate: 0.00%

Run 3: Report of QUIC Cubic — Data Link

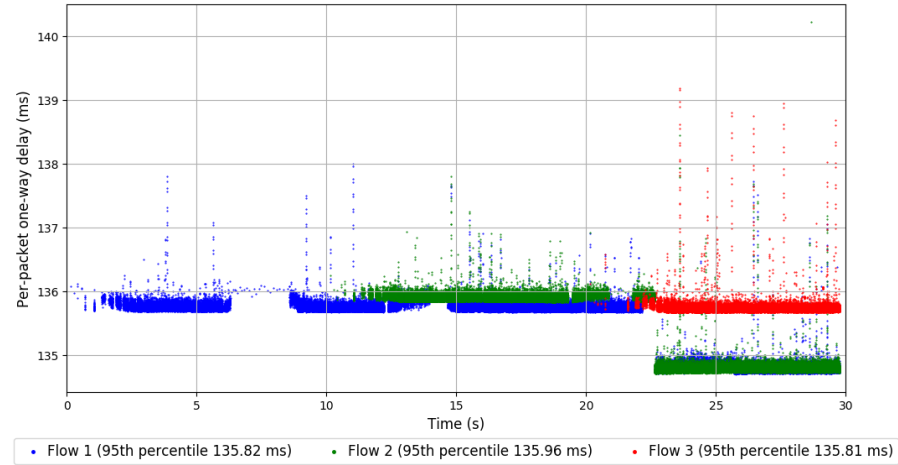
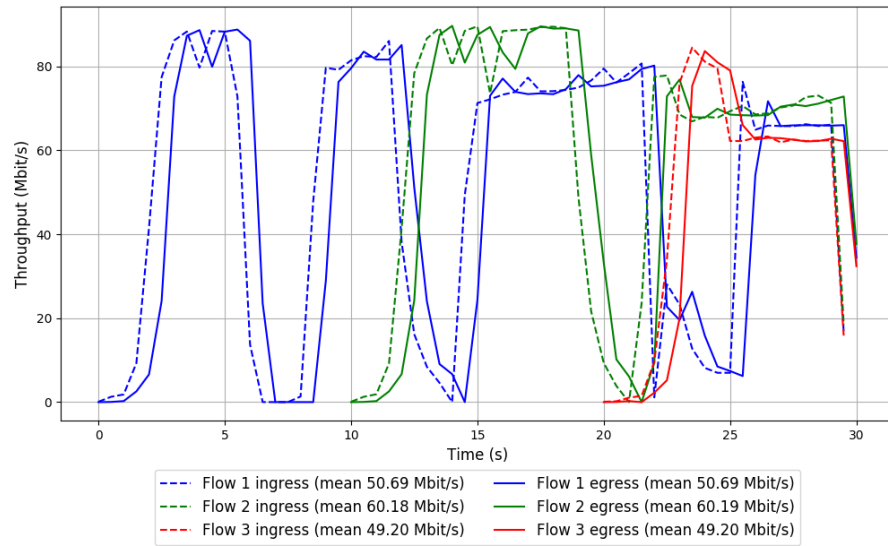


Run 4: Statistics of QUIC Cubic

Start at: 2018-06-30 17:12:32
End at: 2018-06-30 17:13:02
Local clock offset: 0.374 ms
Remote clock offset: -0.298 ms

Below is generated by plot.py at 2018-06-30 22:00:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 106.49 Mbit/s
95th percentile per-packet one-way delay: 135.926 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.69 Mbit/s
95th percentile per-packet one-way delay: 135.820 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 60.19 Mbit/s
95th percentile per-packet one-way delay: 135.959 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 49.20 Mbit/s
95th percentile per-packet one-way delay: 135.805 ms
Loss rate: 0.01%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-06-30 17:38:51

End at: 2018-06-30 17:39:21

Local clock offset: -0.009 ms

Remote clock offset: 0.015 ms

Below is generated by plot.py at 2018-06-30 22:00:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 115.49 Mbit/s

95th percentile per-packet one-way delay: 136.539 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 58.62 Mbit/s

95th percentile per-packet one-way delay: 135.914 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 61.16 Mbit/s

95th percentile per-packet one-way delay: 136.446 ms

Loss rate: 0.00%

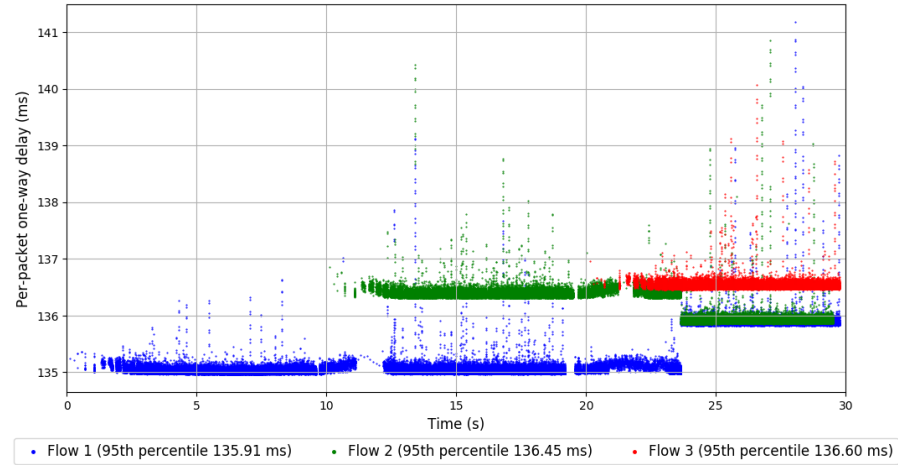
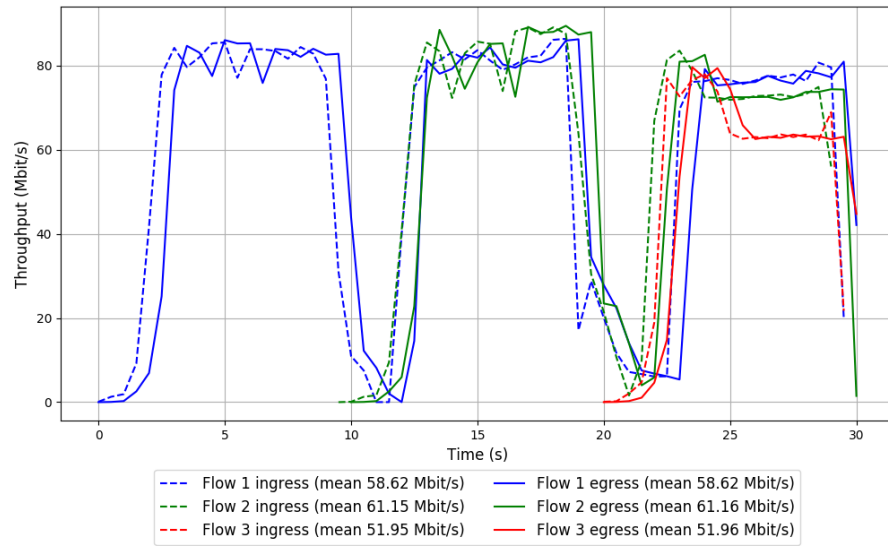
-- Flow 3:

Average throughput: 51.96 Mbit/s

95th percentile per-packet one-way delay: 136.604 ms

Loss rate: 0.00%

Run 5: Report of QUIC Cubic — Data Link

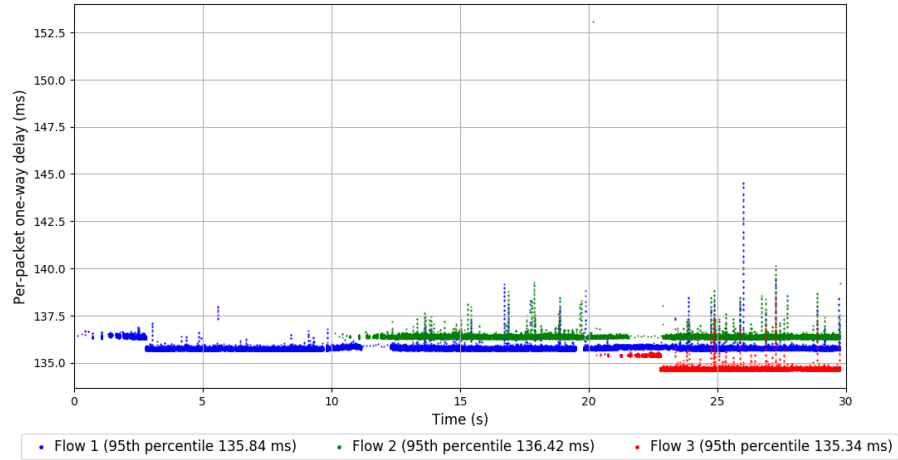
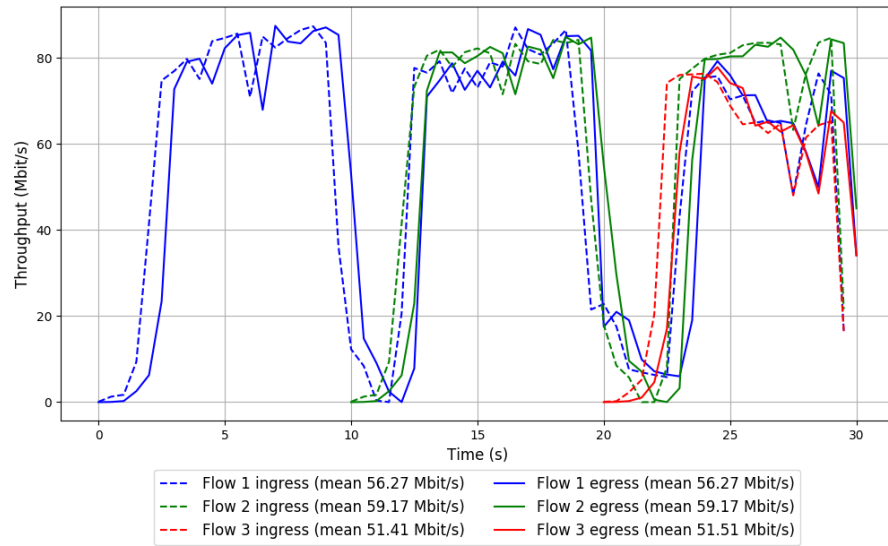


Run 6: Statistics of QUIC Cubic

Start at: 2018-06-30 18:05:12
End at: 2018-06-30 18:05:42
Local clock offset: -0.097 ms
Remote clock offset: -0.064 ms

Below is generated by plot.py at 2018-06-30 22:00:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 112.10 Mbit/s
95th percentile per-packet one-way delay: 136.387 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.27 Mbit/s
95th percentile per-packet one-way delay: 135.835 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 59.17 Mbit/s
95th percentile per-packet one-way delay: 136.421 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 51.51 Mbit/s
95th percentile per-packet one-way delay: 135.335 ms
Loss rate: 0.00%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-06-30 18:31:12

End at: 2018-06-30 18:31:42

Local clock offset: 0.091 ms

Remote clock offset: 0.048 ms

Below is generated by plot.py at 2018-06-30 22:00:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 115.33 Mbit/s

95th percentile per-packet one-way delay: 136.427 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 56.56 Mbit/s

95th percentile per-packet one-way delay: 135.729 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 61.09 Mbit/s

95th percentile per-packet one-way delay: 136.465 ms

Loss rate: 0.00%

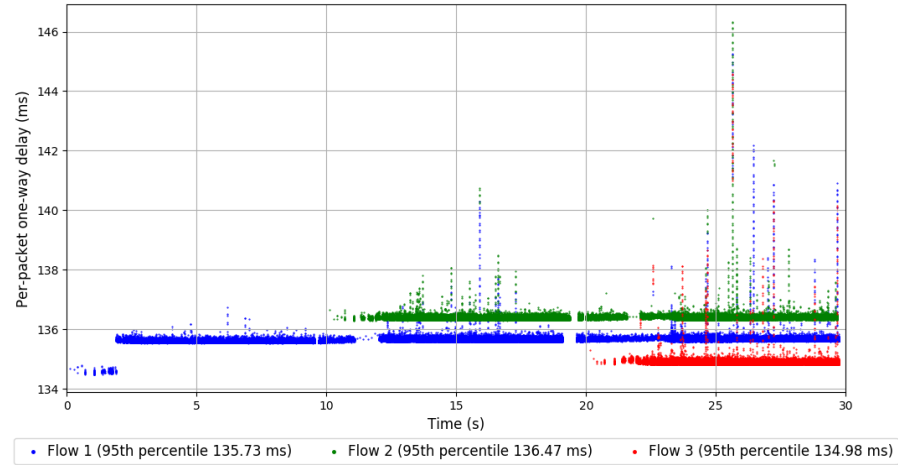
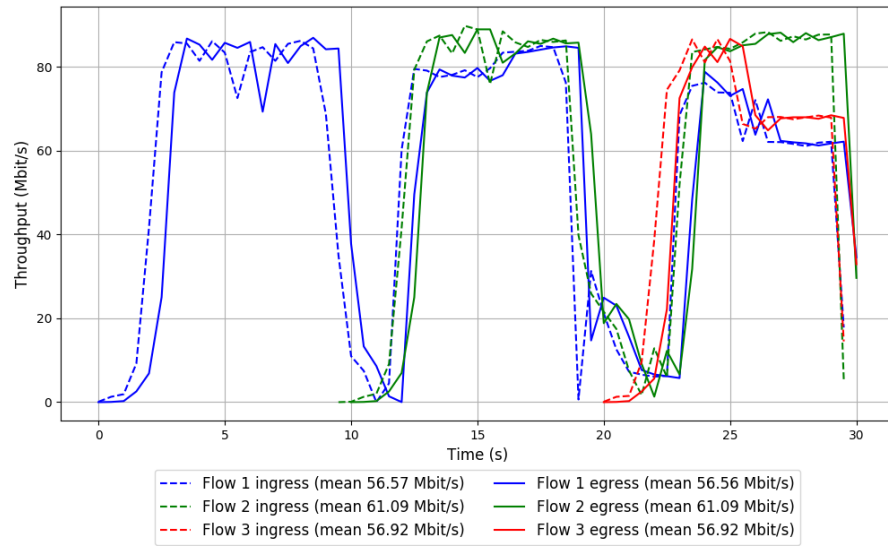
-- Flow 3:

Average throughput: 56.92 Mbit/s

95th percentile per-packet one-way delay: 134.978 ms

Loss rate: 0.00%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-06-30 18:57:07

End at: 2018-06-30 18:57:37

Local clock offset: 0.127 ms

Remote clock offset: 0.107 ms

Below is generated by plot.py at 2018-06-30 22:00:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 109.18 Mbit/s

95th percentile per-packet one-way delay: 136.434 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 56.63 Mbit/s

95th percentile per-packet one-way delay: 136.446 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 53.90 Mbit/s

95th percentile per-packet one-way delay: 136.425 ms

Loss rate: 0.00%

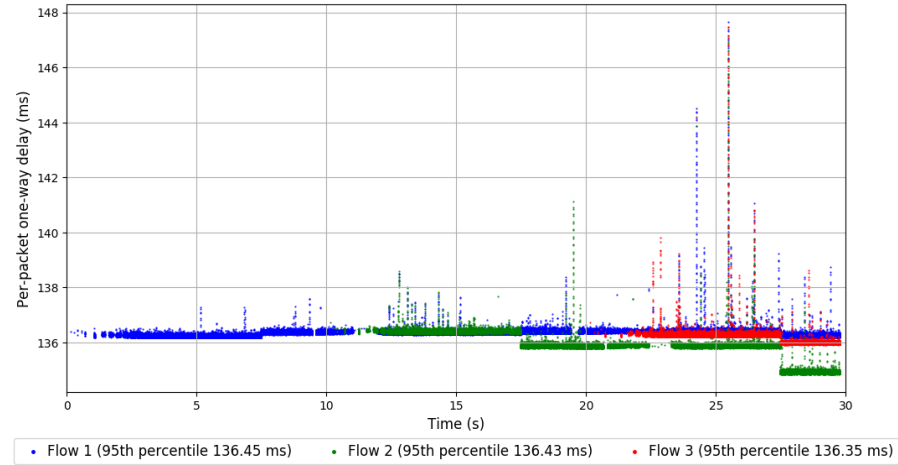
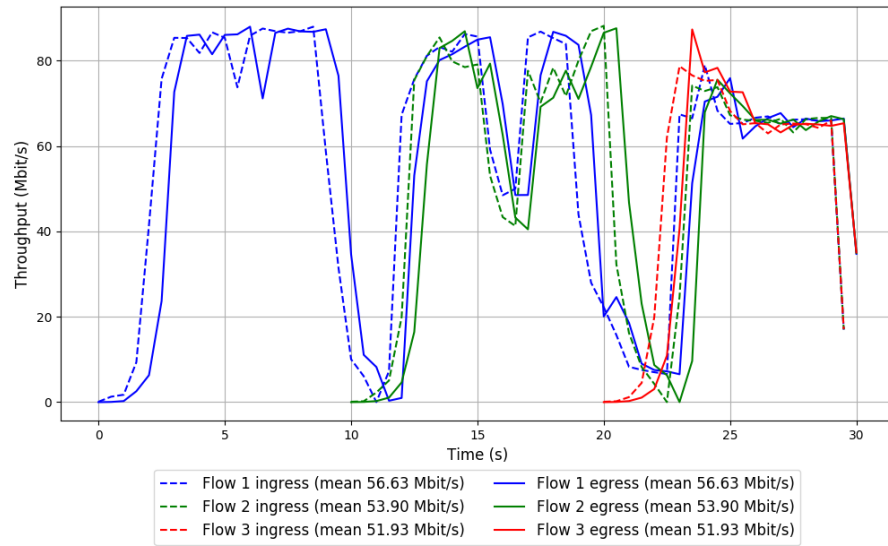
-- Flow 3:

Average throughput: 51.93 Mbit/s

95th percentile per-packet one-way delay: 136.346 ms

Loss rate: 0.00%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-06-30 19:23:24

End at: 2018-06-30 19:23:54

Local clock offset: 0.043 ms

Remote clock offset: 0.064 ms

Below is generated by plot.py at 2018-06-30 22:00:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 111.50 Mbit/s

95th percentile per-packet one-way delay: 136.596 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 52.78 Mbit/s

95th percentile per-packet one-way delay: 136.536 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 59.64 Mbit/s

95th percentile per-packet one-way delay: 136.544 ms

Loss rate: 0.00%

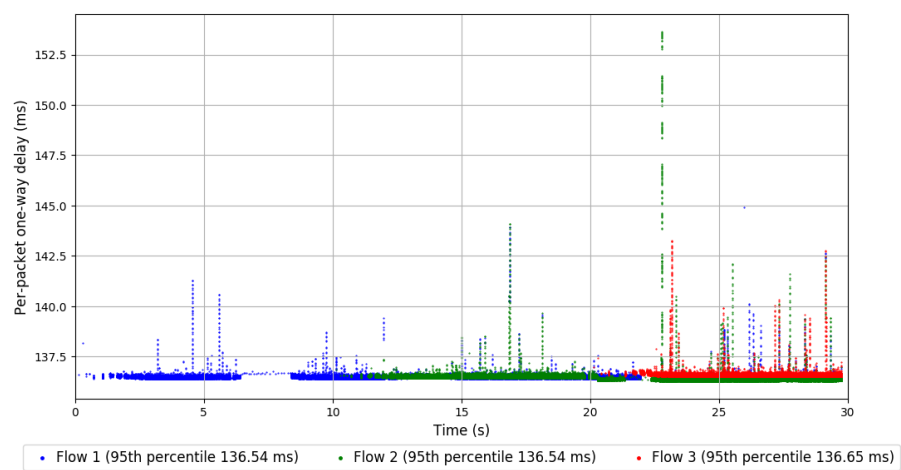
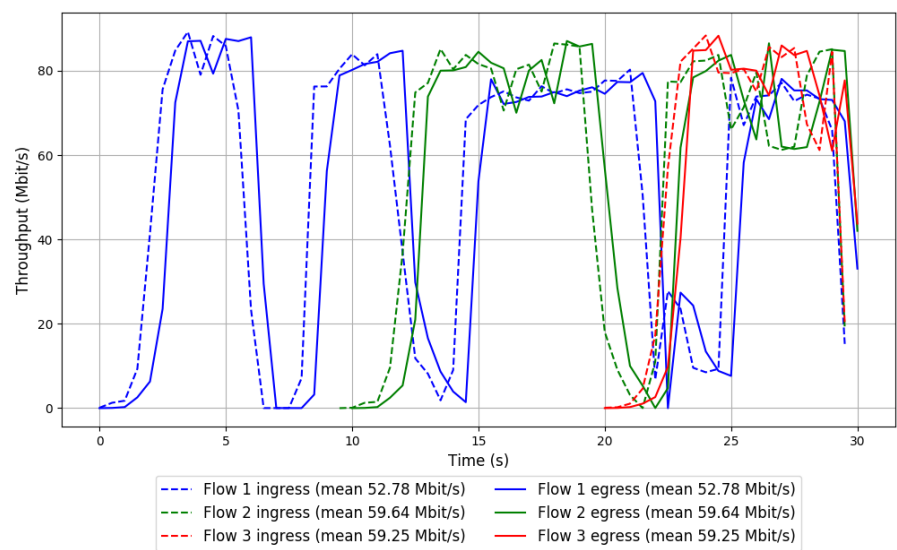
-- Flow 3:

Average throughput: 59.25 Mbit/s

95th percentile per-packet one-way delay: 136.652 ms

Loss rate: 0.00%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-06-30 19:50:03

End at: 2018-06-30 19:50:33

Local clock offset: 0.087 ms

Remote clock offset: 0.018 ms

Below is generated by plot.py at 2018-06-30 22:00:08

Datalink statistics

-- Total of 3 flows:

Average throughput: 106.70 Mbit/s

95th percentile per-packet one-way delay: 136.585 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 56.94 Mbit/s

95th percentile per-packet one-way delay: 136.442 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 57.03 Mbit/s

95th percentile per-packet one-way delay: 136.623 ms

Loss rate: 0.00%

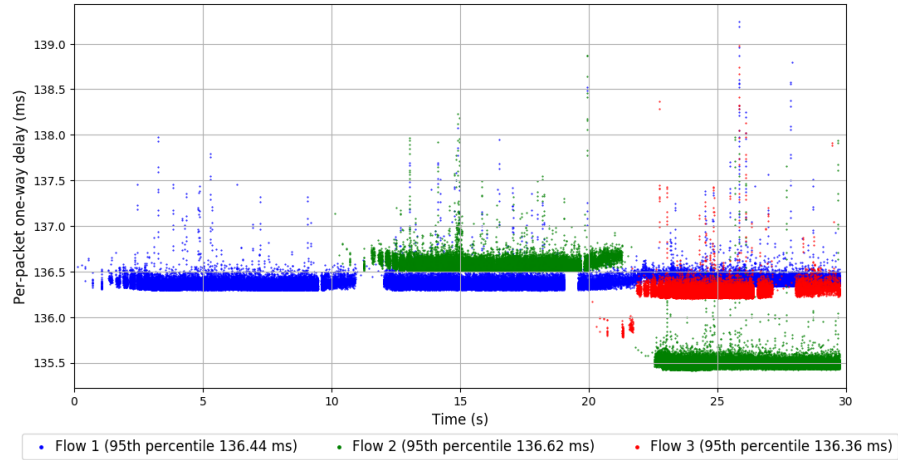
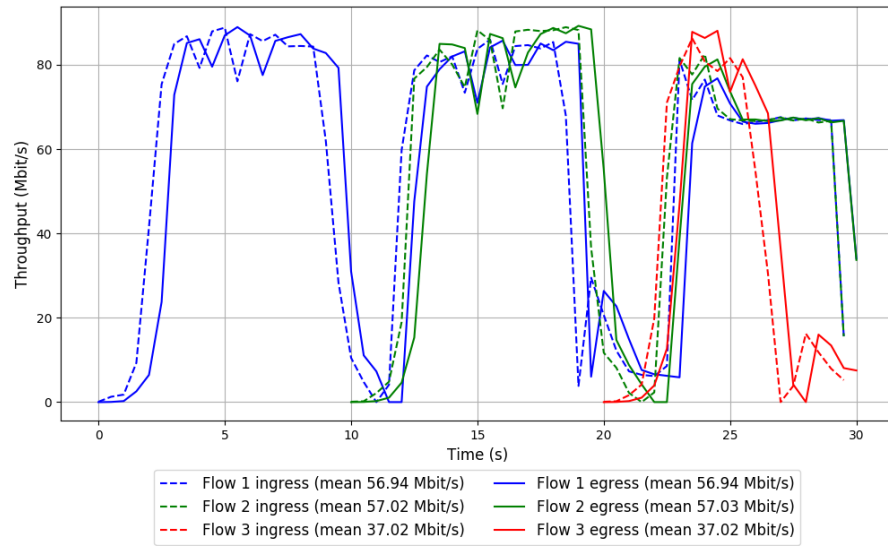
-- Flow 3:

Average throughput: 37.02 Mbit/s

95th percentile per-packet one-way delay: 136.361 ms

Loss rate: 0.00%

Run 10: Report of QUIC Cubic — Data Link

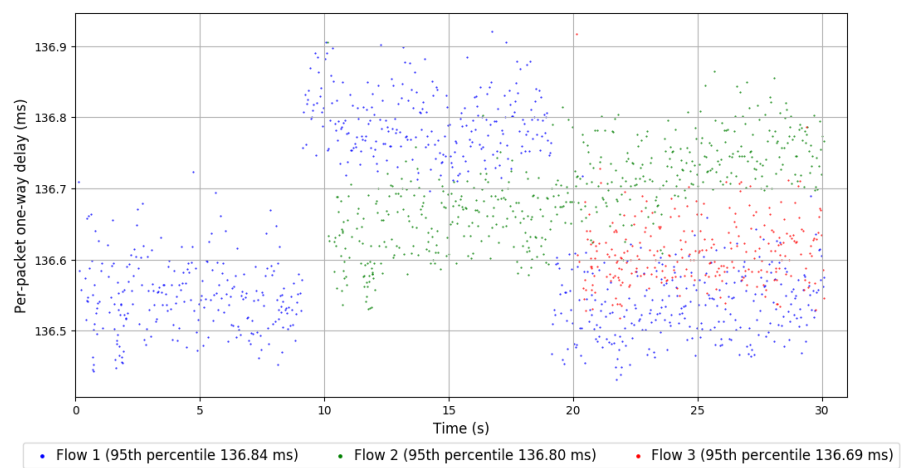
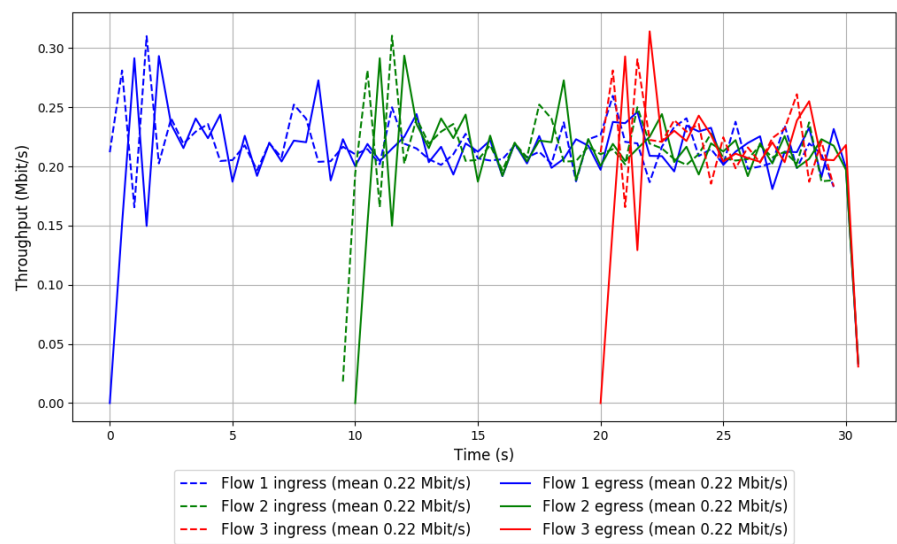


```
Run 1: Statistics of SReAM

Start at: 2018-06-30 16:14:56
End at: 2018-06-30 16:15:26
Local clock offset: -0.596 ms
Remote clock offset: 0.071 ms

# Below is generated by plot.py at 2018-06-30 22:00:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 136.818 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.838 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.798 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.695 ms
Loss rate: 0.00%
```


Run 1: Report of SReAM — Data Link

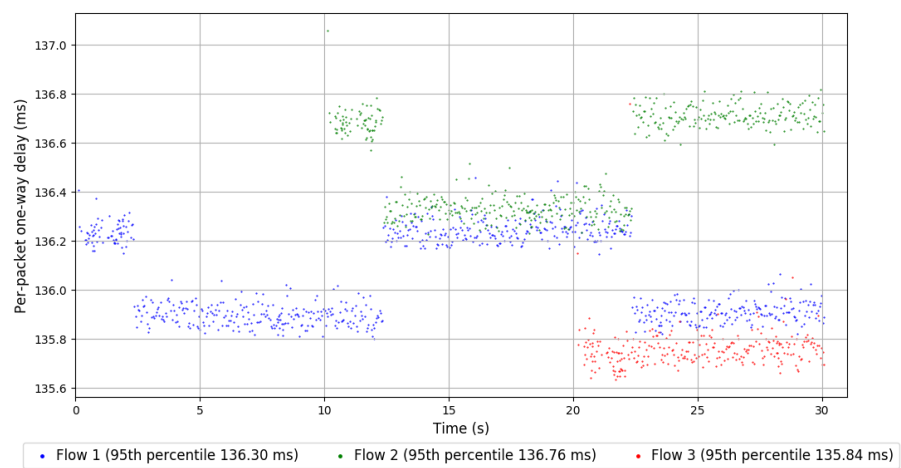
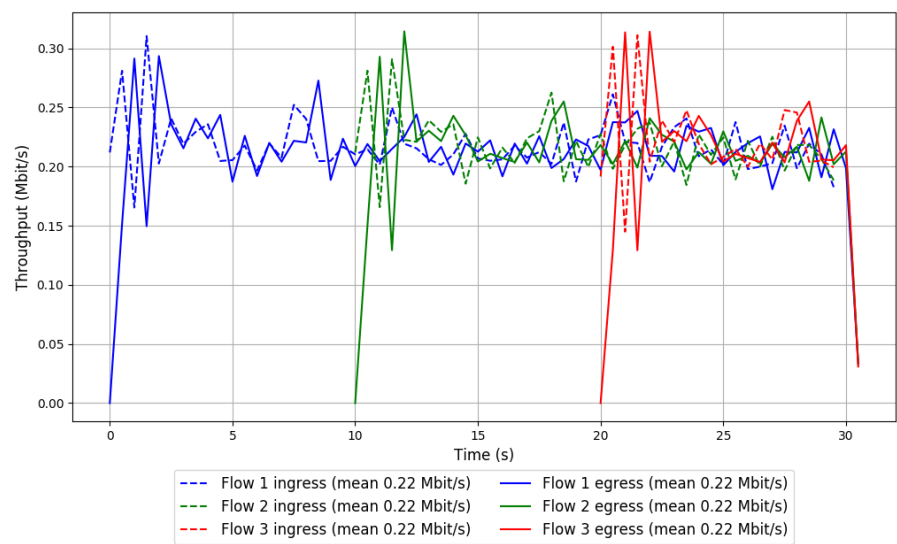


```
Run 2: Statistics of SReAM

Start at: 2018-06-30 16:41:02
End at: 2018-06-30 16:41:32
Local clock offset: 0.068 ms
Remote clock offset: 0.086 ms

# Below is generated by plot.py at 2018-06-30 22:00:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 136.725 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.297 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.765 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 135.840 ms
Loss rate: 0.00%
```

Run 2: Report of SReAM — Data Link

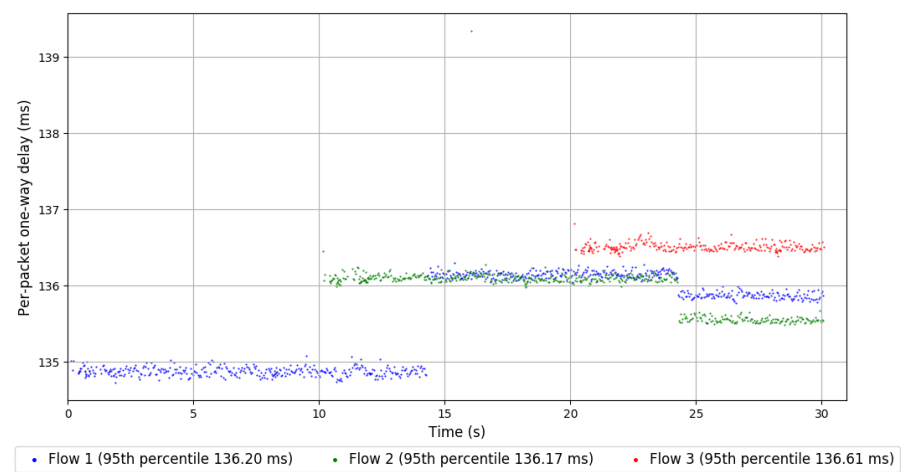
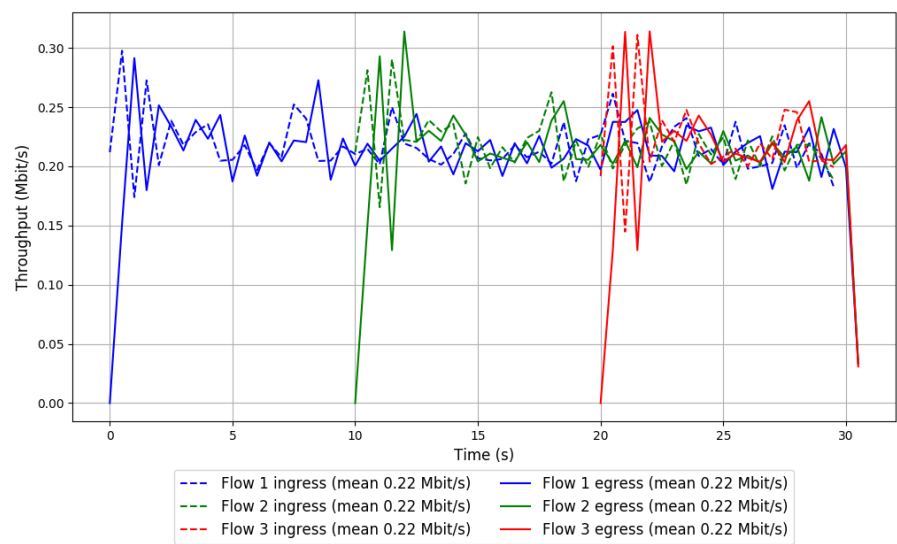


Run 3: Statistics of SReAM

Start at: 2018-06-30 17:07:00
End at: 2018-06-30 17:07:30
Local clock offset: 0.184 ms
Remote clock offset: 0.11 ms

Below is generated by plot.py at 2018-06-30 22:00:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 136.526 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.196 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.169 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.609 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SReAM

Start at: 2018-06-30 17:33:18

End at: 2018-06-30 17:33:48

Local clock offset: 0.132 ms

Remote clock offset: 0.041 ms

Below is generated by plot.py at 2018-06-30 22:00:08

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 135.966 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 135.837 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 136.023 ms

Loss rate: 0.00%

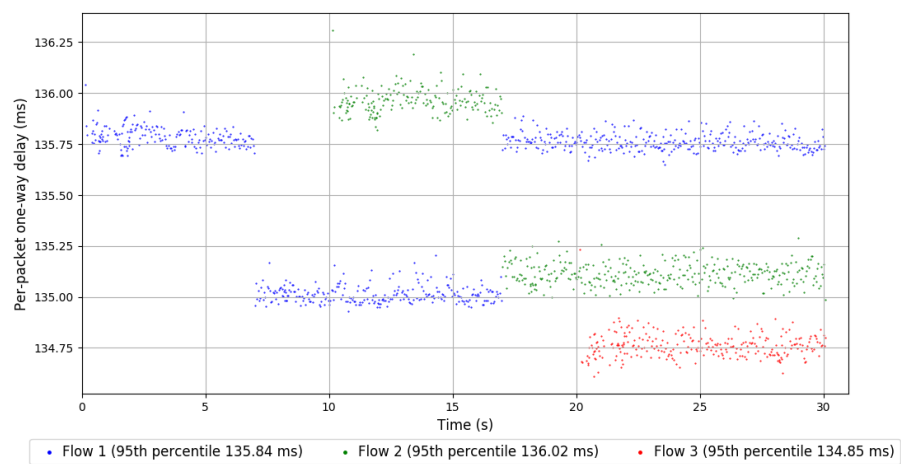
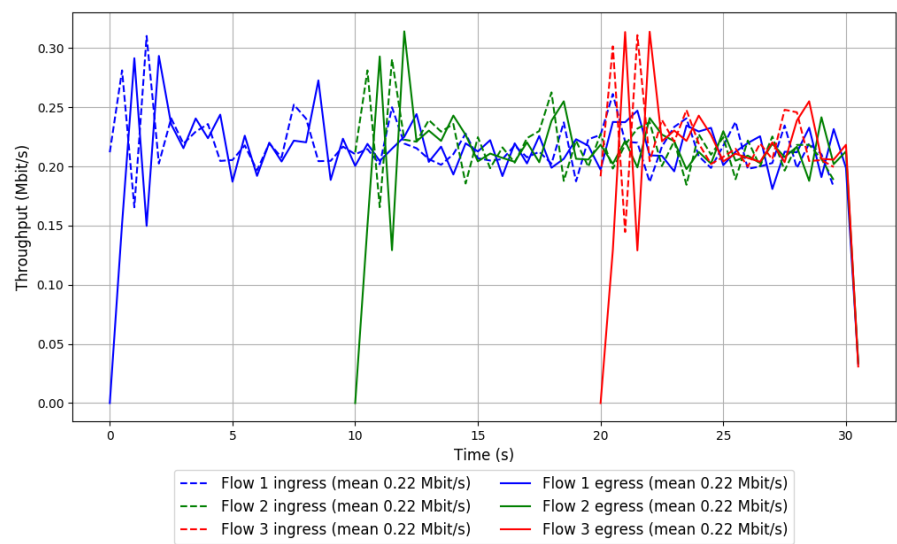
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 134.852 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

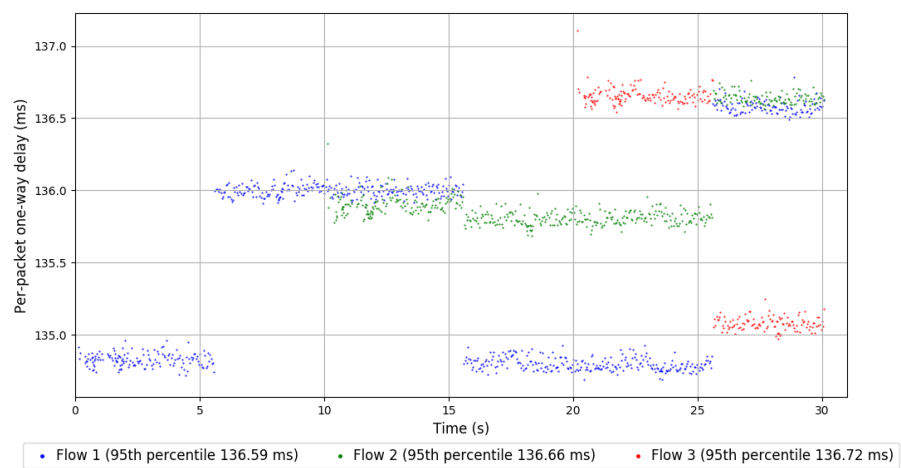
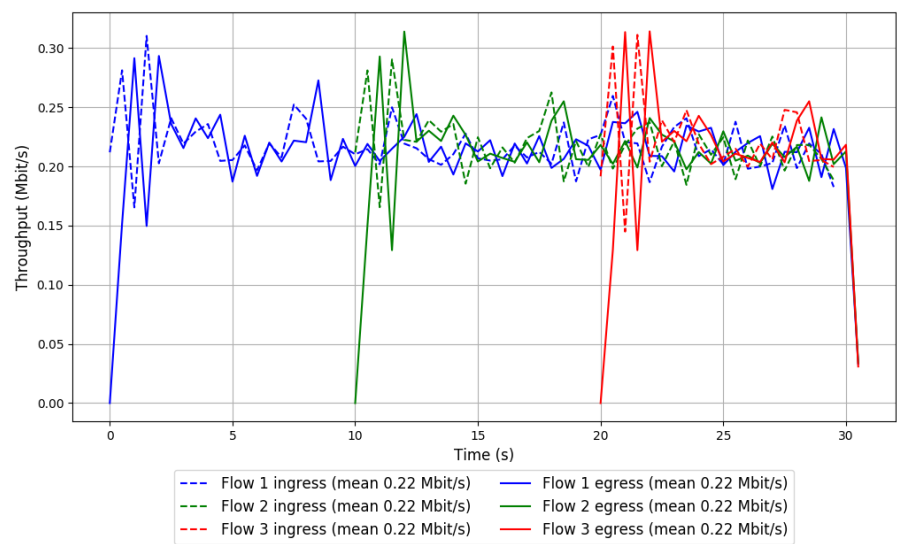


Run 5: Statistics of SReAM

Start at: 2018-06-30 17:59:39
End at: 2018-06-30 18:00:09
Local clock offset: 0.007 ms
Remote clock offset: -0.027 ms

Below is generated by plot.py at 2018-06-30 22:00:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 136.668 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.591 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.661 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.723 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SReAM

Start at: 2018-06-30 18:25:40

End at: 2018-06-30 18:26:10

Local clock offset: 0.239 ms

Remote clock offset: 0.021 ms

Below is generated by plot.py at 2018-06-30 22:00:08

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 136.638 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 136.658 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 136.248 ms

Loss rate: 0.00%

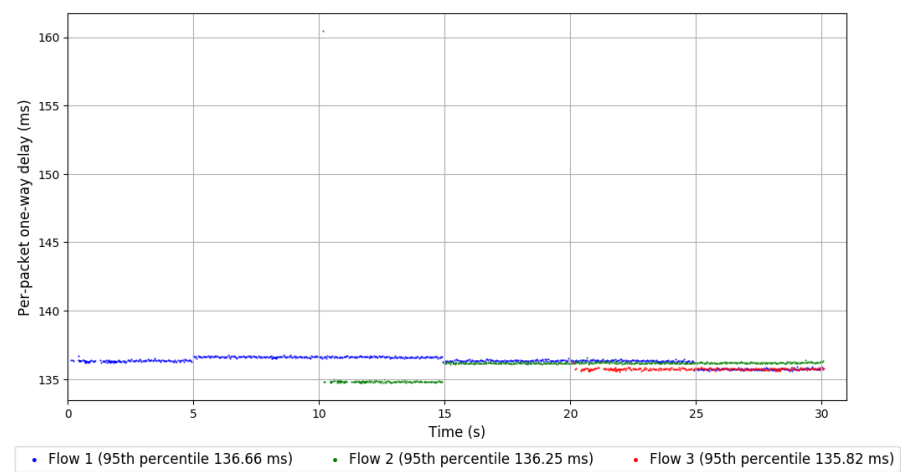
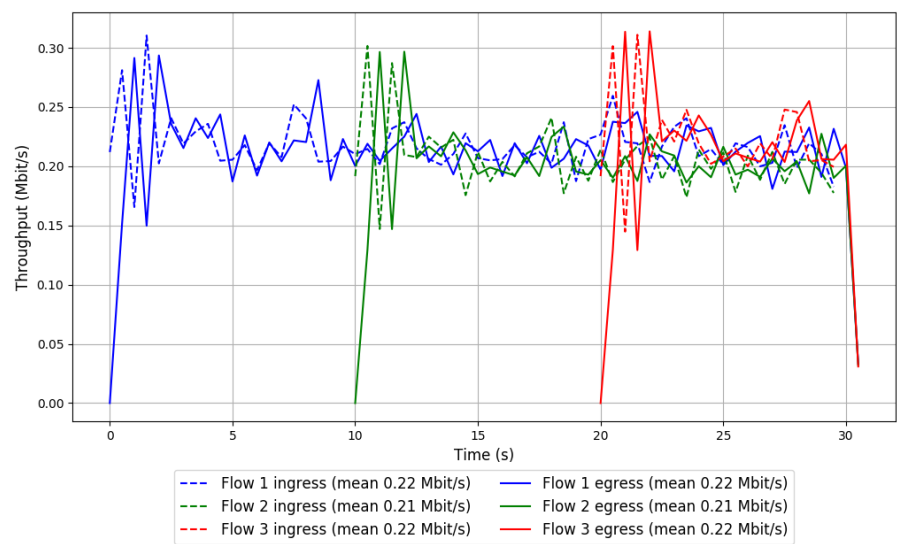
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 135.825 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SReAM

Start at: 2018-06-30 18:51:33

End at: 2018-06-30 18:52:04

Local clock offset: 0.15 ms

Remote clock offset: 0.109 ms

Below is generated by plot.py at 2018-06-30 22:00:08

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 136.588 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 136.566 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 136.601 ms

Loss rate: 0.00%

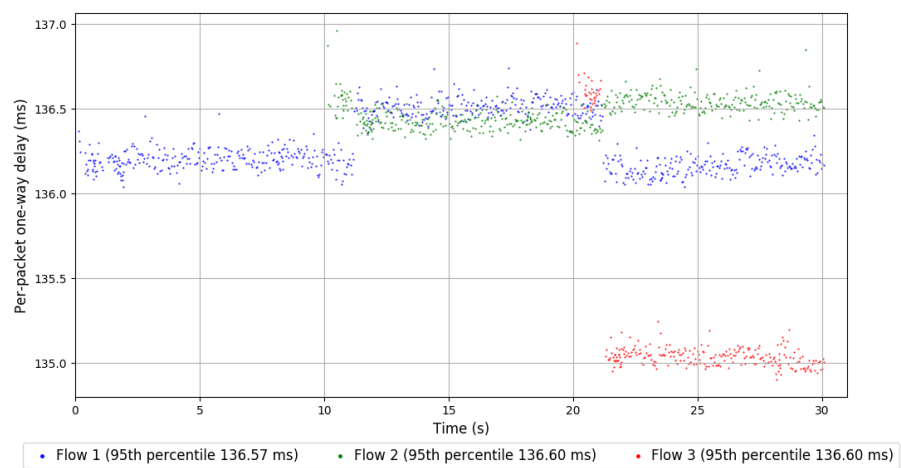
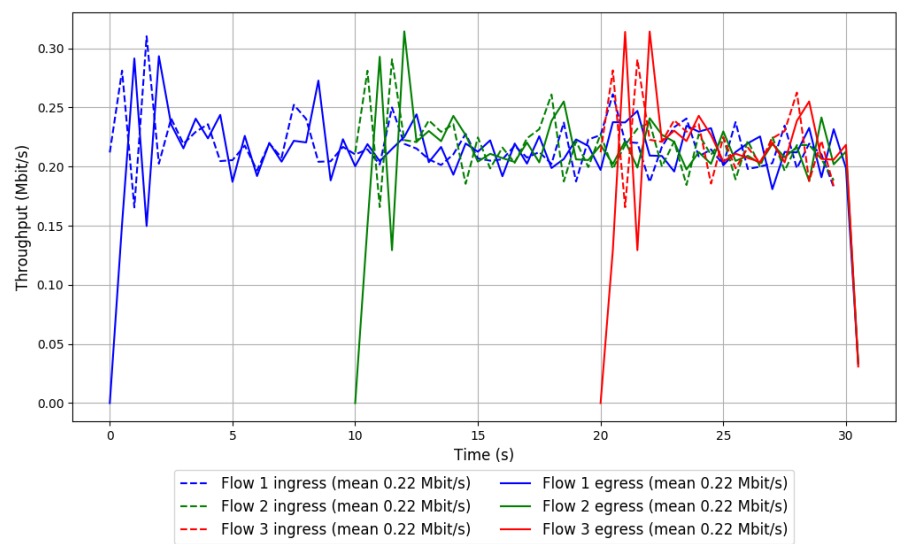
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 136.598 ms

Loss rate: 0.00%

Run 7: Report of SCSReAM — Data Link



Run 8: Statistics of SReAM

Start at: 2018-06-30 19:17:52

End at: 2018-06-30 19:18:22

Local clock offset: 0.299 ms

Remote clock offset: 0.105 ms

Below is generated by plot.py at 2018-06-30 22:00:08

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 136.529 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 136.538 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 136.519 ms

Loss rate: 0.00%

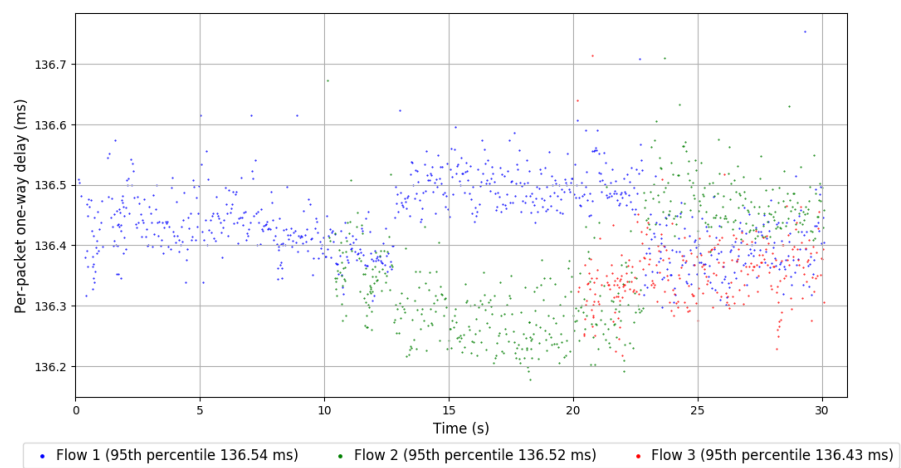
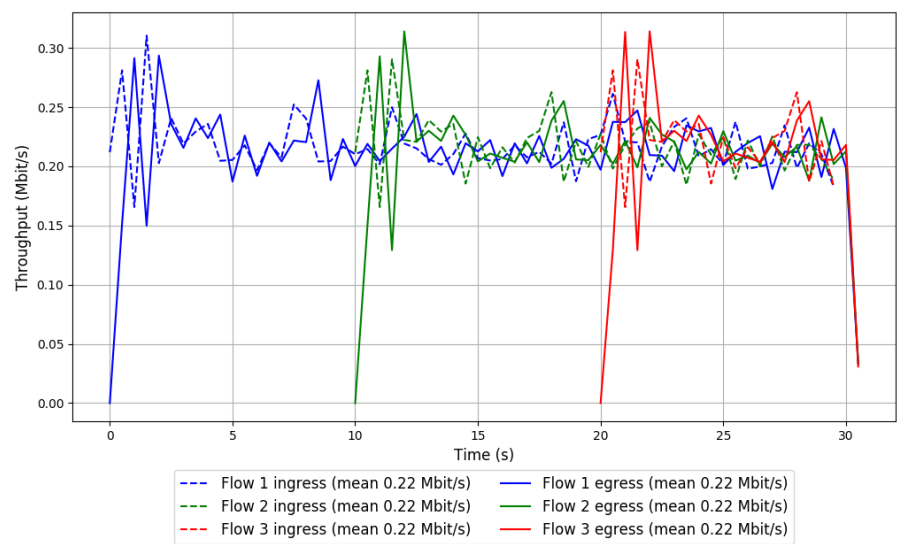
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 136.429 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SReAM

Start at: 2018-06-30 19:44:28

End at: 2018-06-30 19:44:58

Local clock offset: 0.237 ms

Remote clock offset: 0.061 ms

Below is generated by plot.py at 2018-06-30 22:00:08

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 136.612 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 135.911 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 136.420 ms

Loss rate: 0.00%

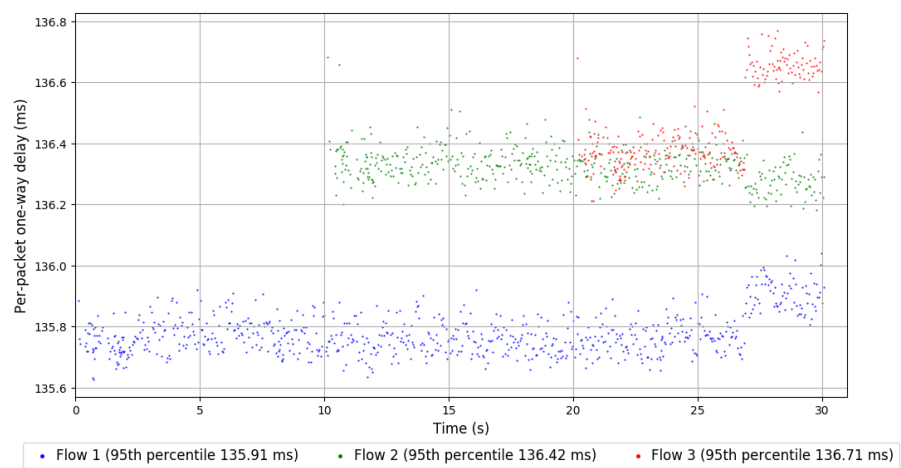
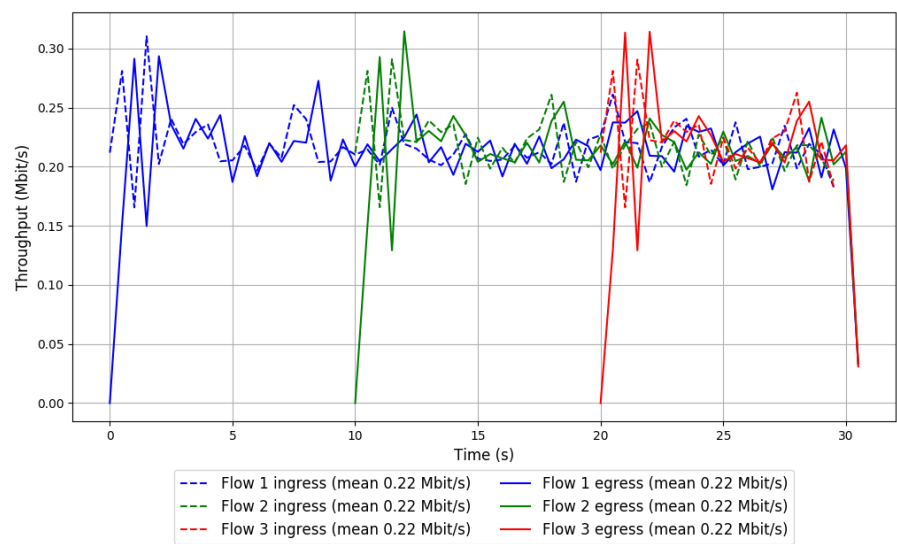
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 136.706 ms

Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

Start at: 2018-06-30 20:10:43

End at: 2018-06-30 20:11:13

Local clock offset: 0.234 ms

Remote clock offset: 0.07 ms

Below is generated by plot.py at 2018-06-30 22:00:08

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 136.681 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 136.662 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 136.634 ms

Loss rate: 0.00%

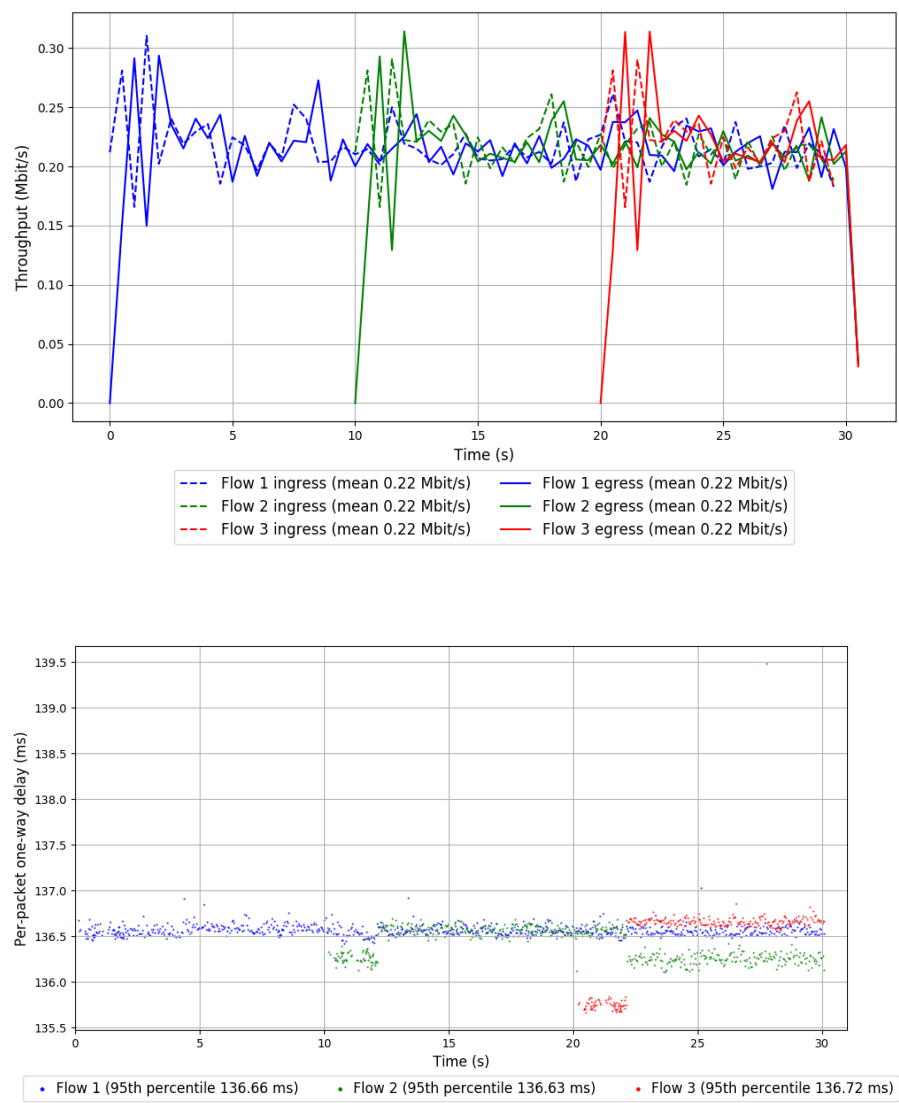
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 136.719 ms

Loss rate: 0.00%

Run 10: Report of SCReAM — Data Link

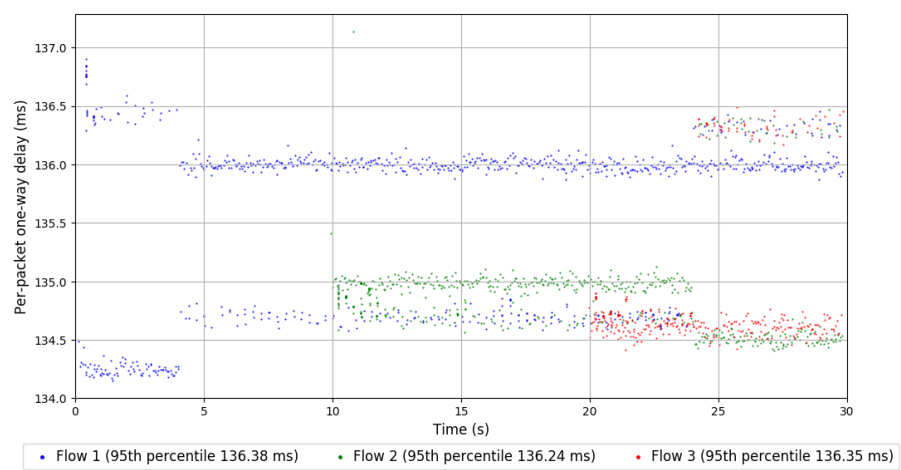
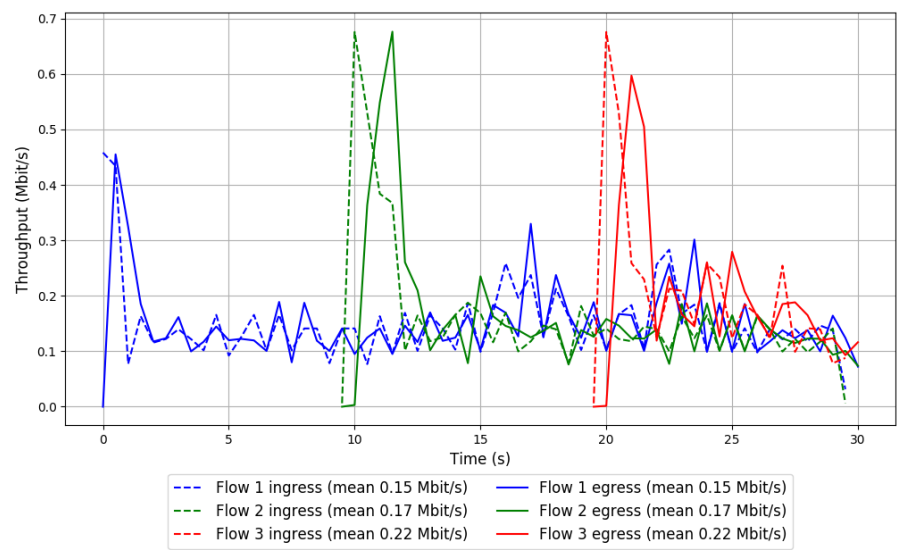


Run 1: Statistics of Sprout

Start at: 2018-06-30 16:00:30
End at: 2018-06-30 16:01:00
Local clock offset: -0.345 ms
Remote clock offset: -0.361 ms

Below is generated by plot.py at 2018-06-30 22:00:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.34 Mbit/s
95th percentile per-packet one-way delay: 136.346 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 136.385 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 136.236 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.351 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

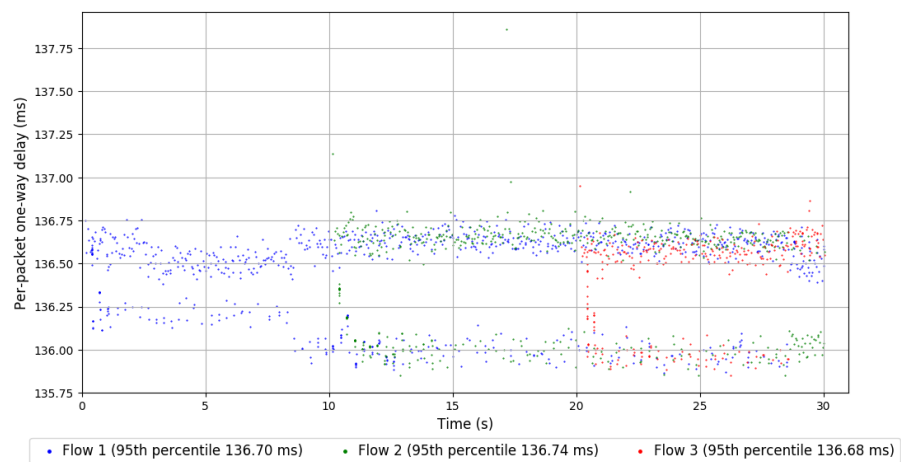
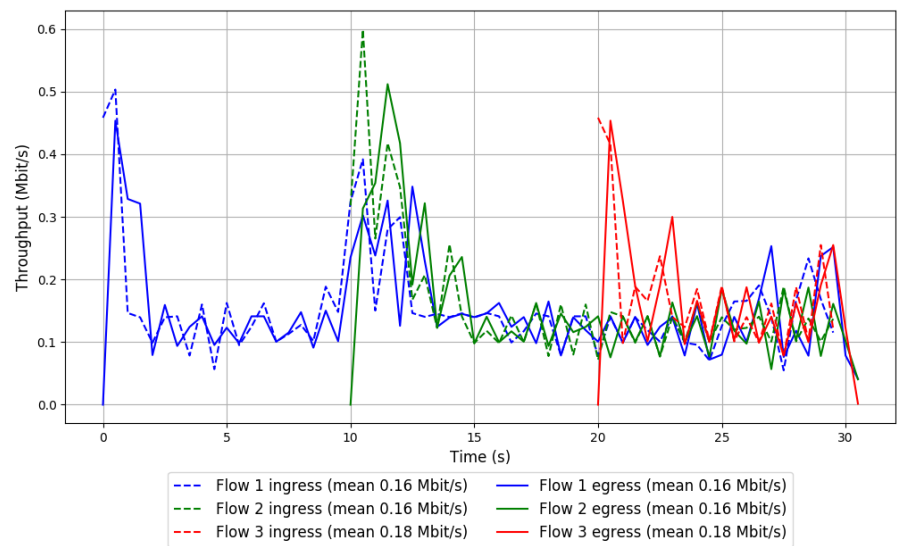


Run 2: Statistics of Sprout

Start at: 2018-06-30 16:25:56
End at: 2018-06-30 16:26:26
Local clock offset: -0.531 ms
Remote clock offset: 0.126 ms

```
# Below is generated by plot.py at 2018-06-30 22:00:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 136.712 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 136.702 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 136.741 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 136.679 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

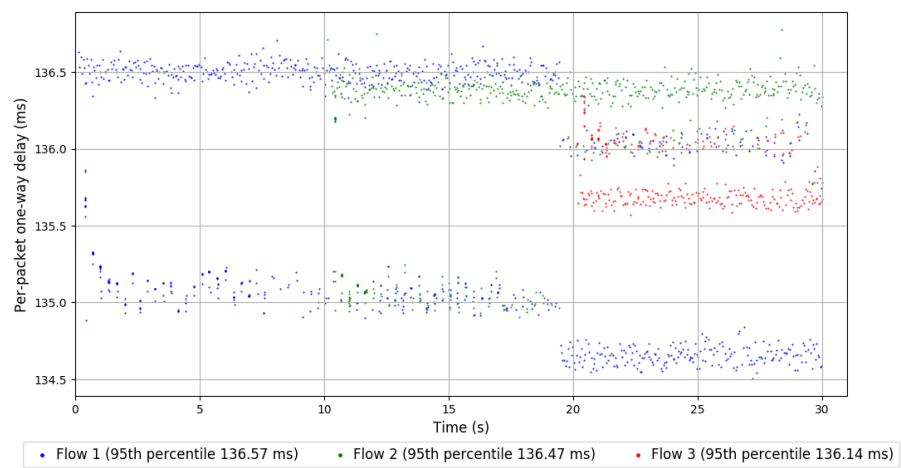
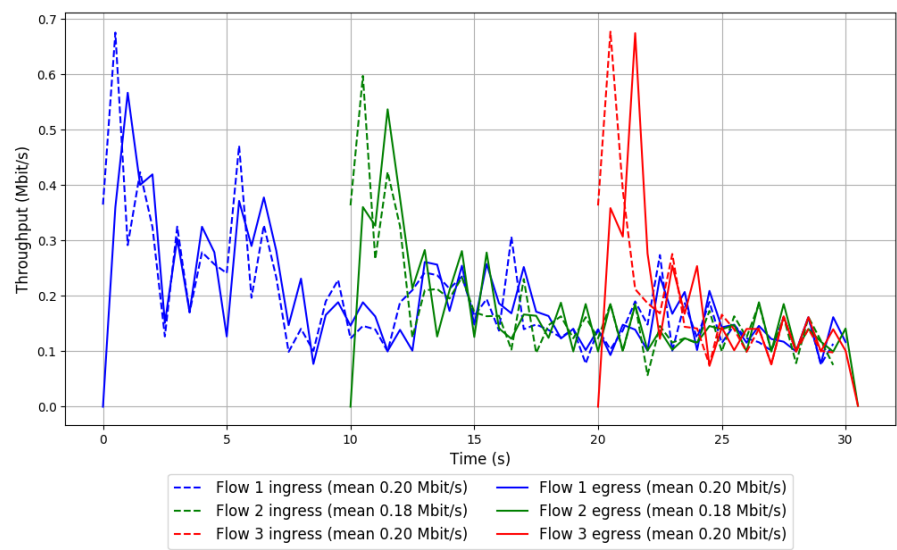


Run 3: Statistics of Sprout

Start at: 2018-06-30 16:52:05
End at: 2018-06-30 16:52:35
Local clock offset: 0.186 ms
Remote clock offset: 0.084 ms

```
# Below is generated by plot.py at 2018-06-30 22:00:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 136.544 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 136.568 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 136.474 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 136.141 ms
Loss rate: 0.00%
```


Run 3: Report of Sprout — Data Link

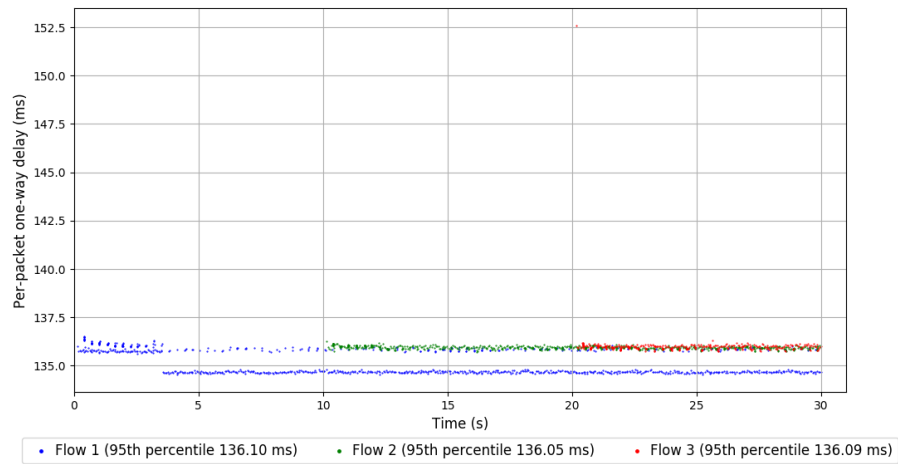
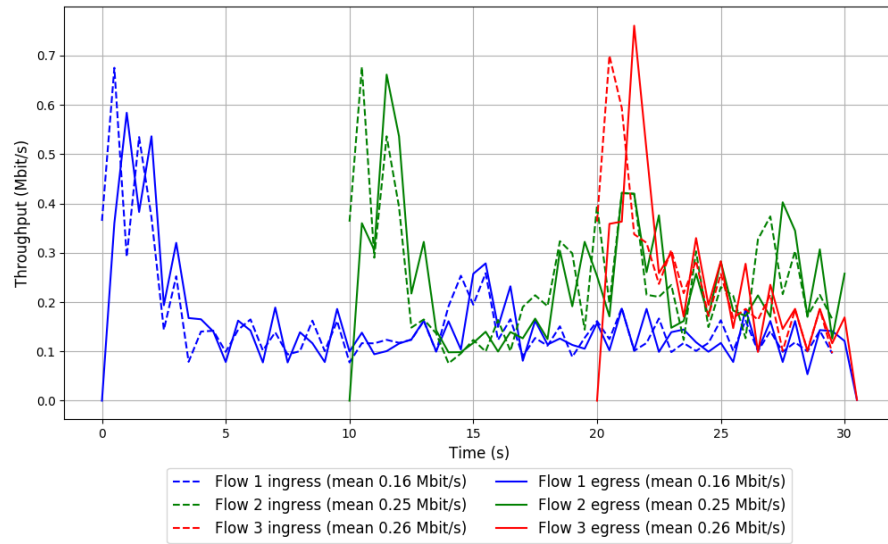


Run 4: Statistics of Sprout

Start at: 2018-06-30 17:18:01
End at: 2018-06-30 17:18:31
Local clock offset: 0.204 ms
Remote clock offset: 0.041 ms

```
# Below is generated by plot.py at 2018-06-30 22:00:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 136.078 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 136.101 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 136.047 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 136.094 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2018-06-30 17:44:27

End at: 2018-06-30 17:44:57

Local clock offset: 0.113 ms

Remote clock offset: 0.039 ms

Below is generated by plot.py at 2018-06-30 22:00:08

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.34 Mbit/s

95th percentile per-packet one-way delay: 136.573 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.15 Mbit/s

95th percentile per-packet one-way delay: 136.593 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.18 Mbit/s

95th percentile per-packet one-way delay: 136.010 ms

Loss rate: 0.00%

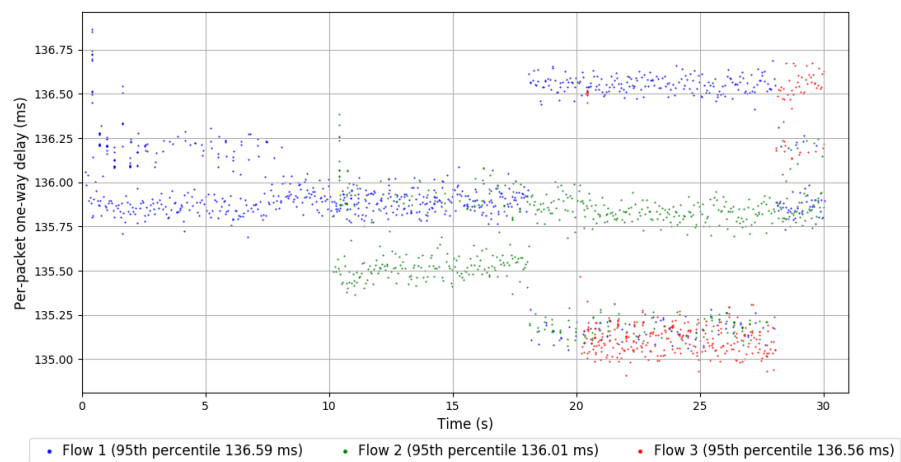
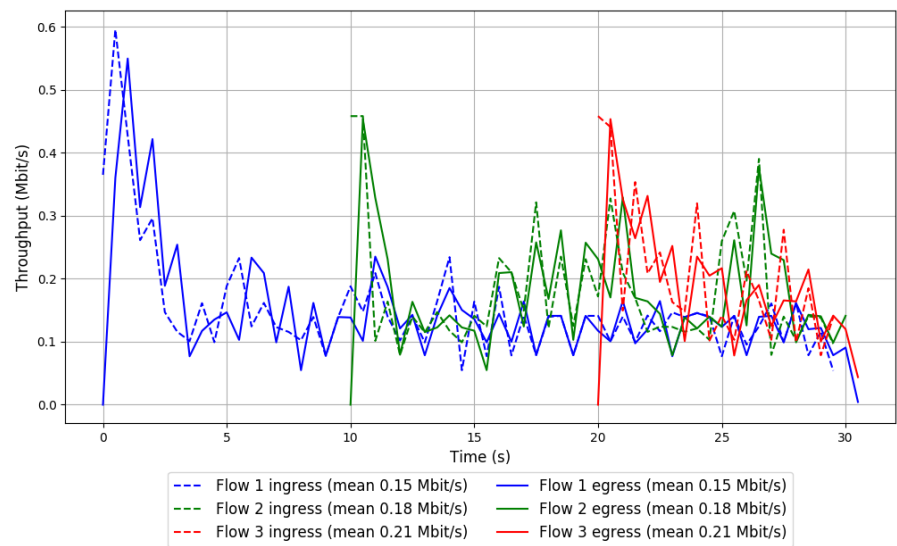
-- Flow 3:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 136.561 ms

Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

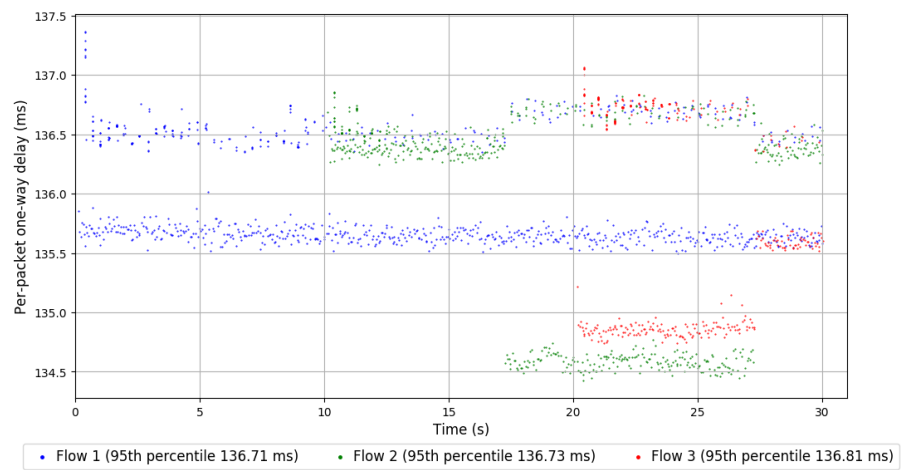
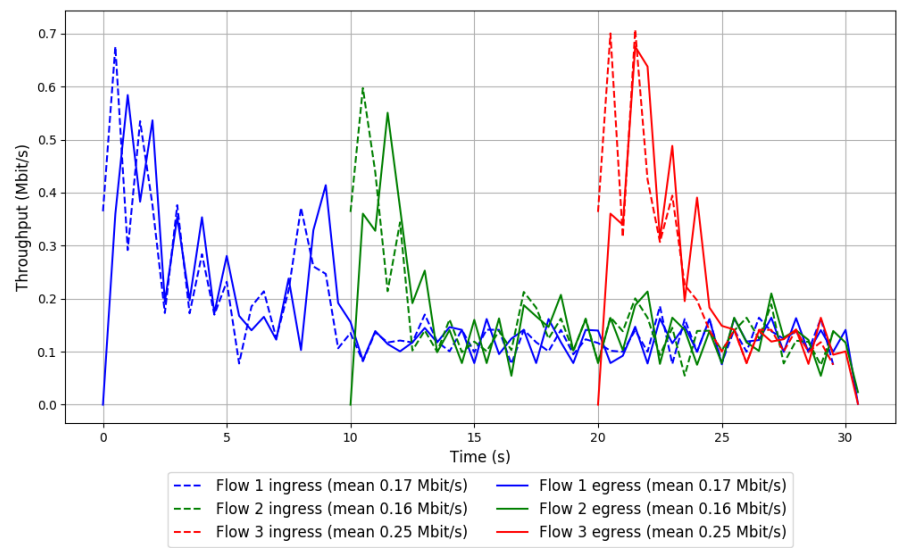


Run 6: Statistics of Sprout

Start at: 2018-06-30 18:10:47
End at: 2018-06-30 18:11:17
Local clock offset: 0.182 ms
Remote clock offset: -0.044 ms

```
# Below is generated by plot.py at 2018-06-30 22:00:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 136.753 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 136.713 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 136.726 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 136.813 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link

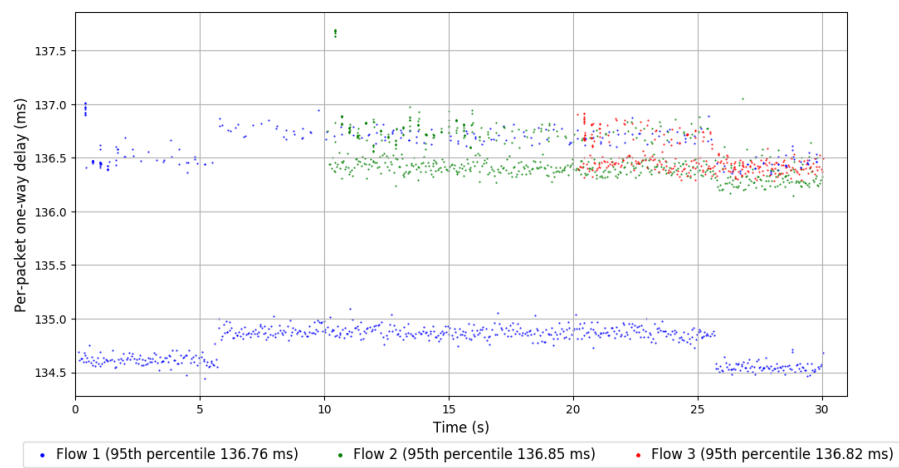
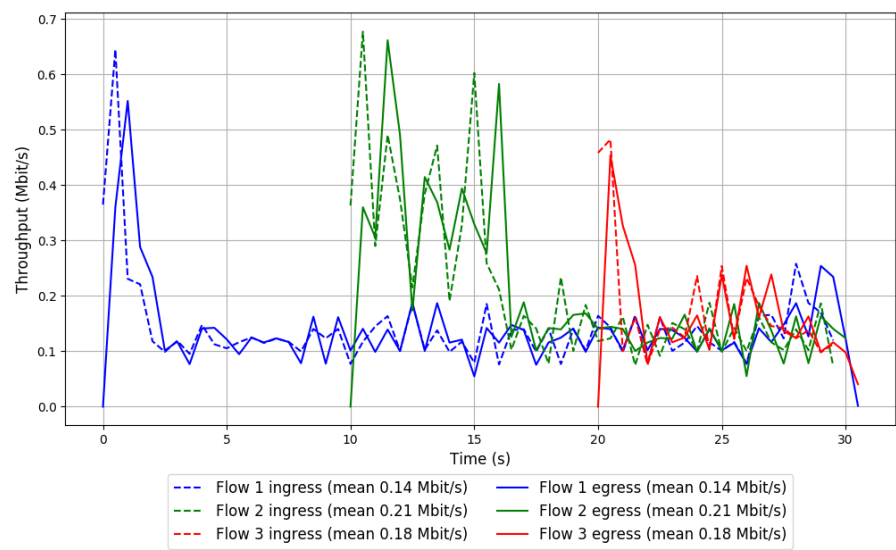


Run 7: Statistics of Sprout

Start at: 2018-06-30 18:36:49
End at: 2018-06-30 18:37:19
Local clock offset: 0.204 ms
Remote clock offset: 0.065 ms

```
# Below is generated by plot.py at 2018-06-30 22:00:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.34 Mbit/s
95th percentile per-packet one-way delay: 136.818 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 136.757 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 136.850 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 136.821 ms
Loss rate: 0.00%
```


Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: 2018-06-30 19:02:38

End at: 2018-06-30 19:03:08

Local clock offset: 0.187 ms

Remote clock offset: 0.066 ms

Below is generated by plot.py at 2018-06-30 22:00:08

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.40 Mbit/s

95th percentile per-packet one-way delay: 136.714 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.23 Mbit/s

95th percentile per-packet one-way delay: 136.787 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.17 Mbit/s

95th percentile per-packet one-way delay: 136.609 ms

Loss rate: 0.00%

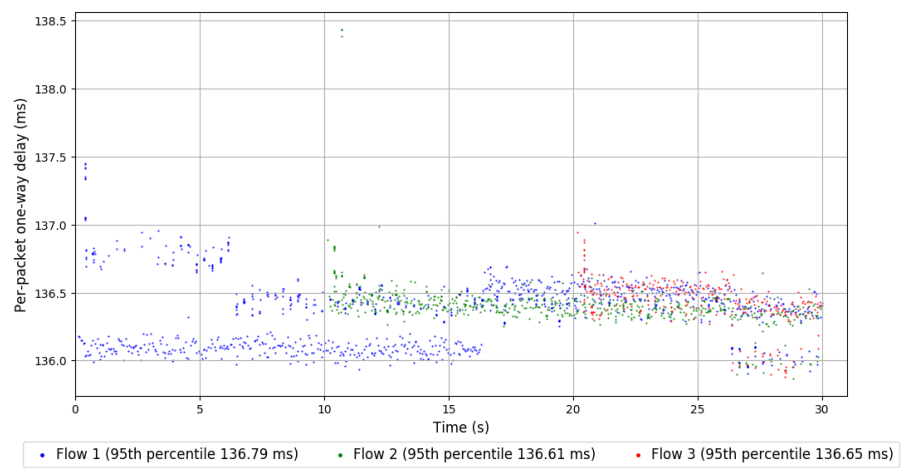
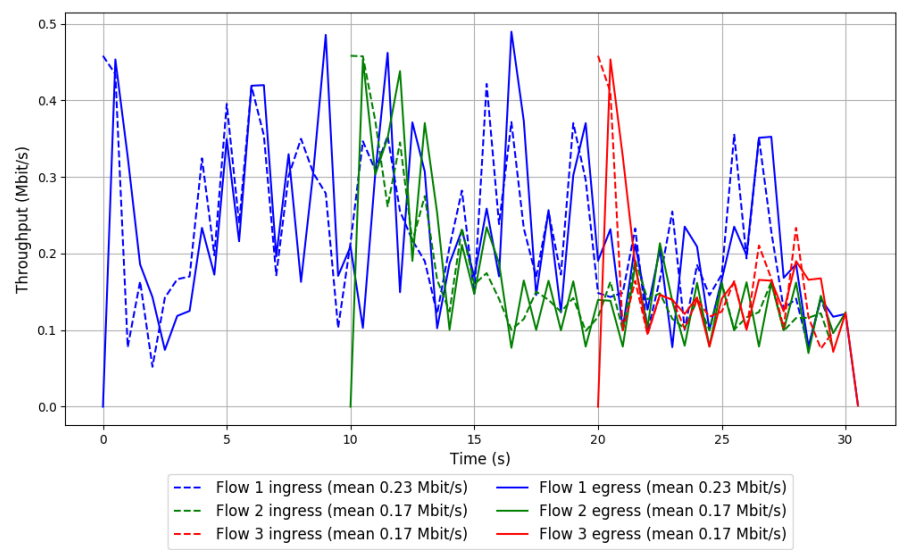
-- Flow 3:

Average throughput: 0.17 Mbit/s

95th percentile per-packet one-way delay: 136.652 ms

Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

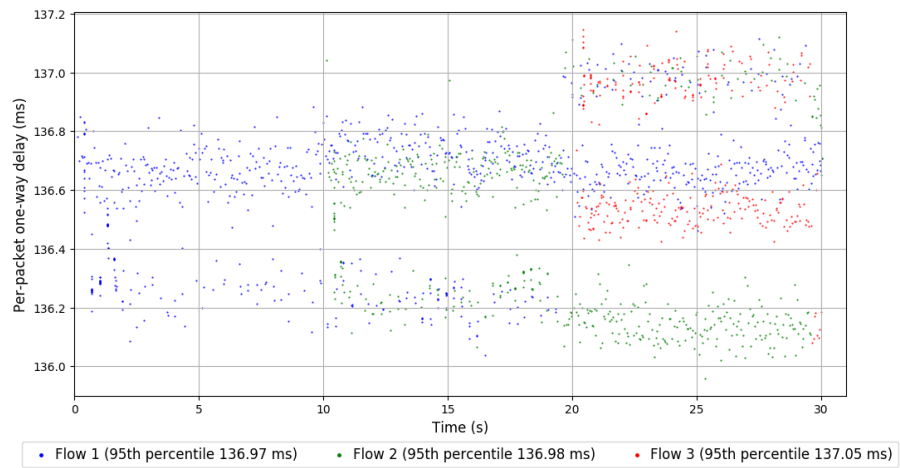
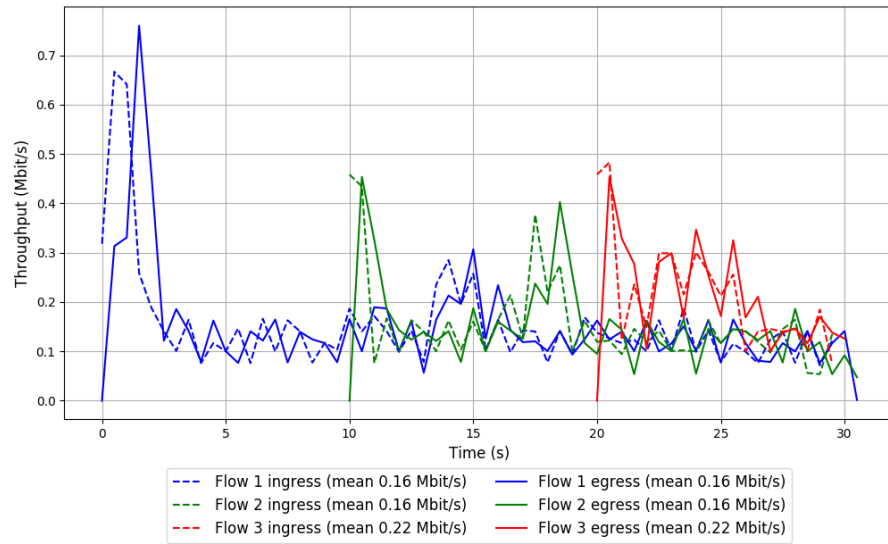


Run 9: Statistics of Sprout

Start at: 2018-06-30 19:29:05
End at: 2018-06-30 19:29:35
Local clock offset: 0.015 ms
Remote clock offset: 0.107 ms

```
# Below is generated by plot.py at 2018-06-30 22:00:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 137.003 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 136.965 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 136.979 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 137.047 ms
Loss rate: 0.00%
```

Run 9: Report of Sprout — Data Link

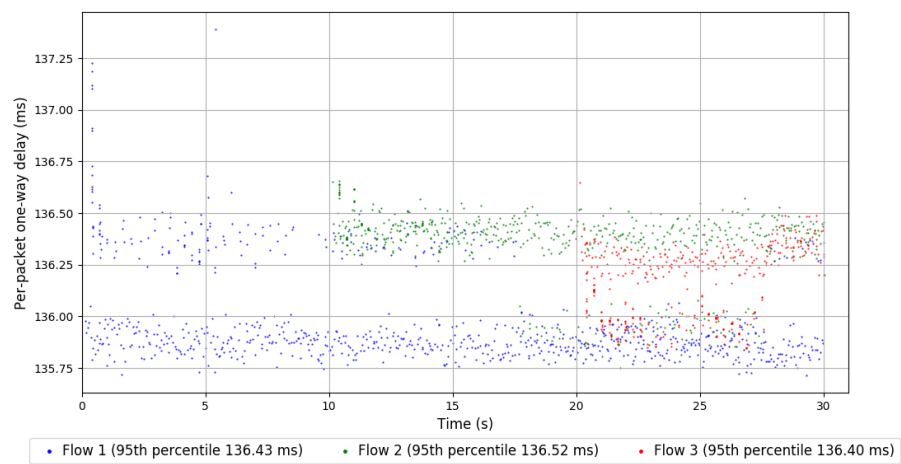
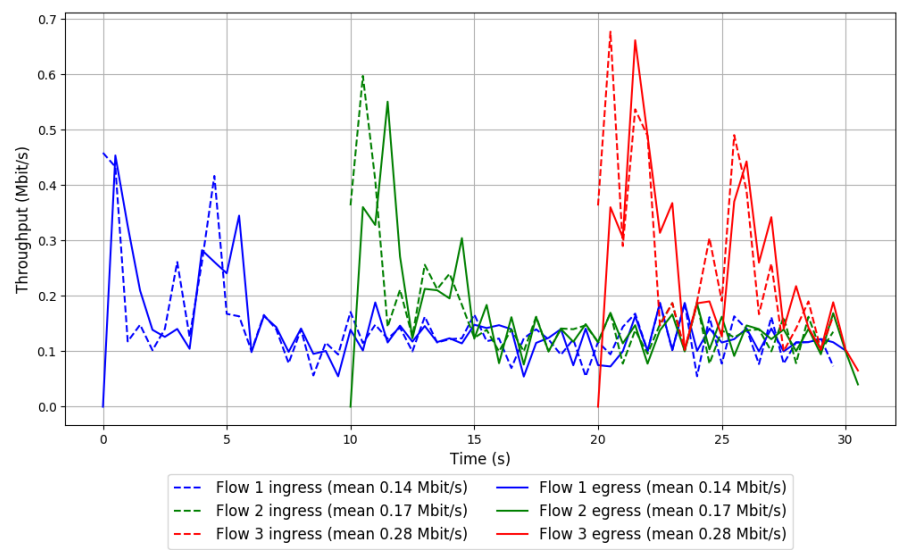


Run 10: Statistics of Sprout

Start at: 2018-06-30 19:55:27
End at: 2018-06-30 19:55:57
Local clock offset: 0.194 ms
Remote clock offset: -0.0 ms

Below is generated by plot.py at 2018-06-30 22:00:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 136.486 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 136.432 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 136.523 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 136.396 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

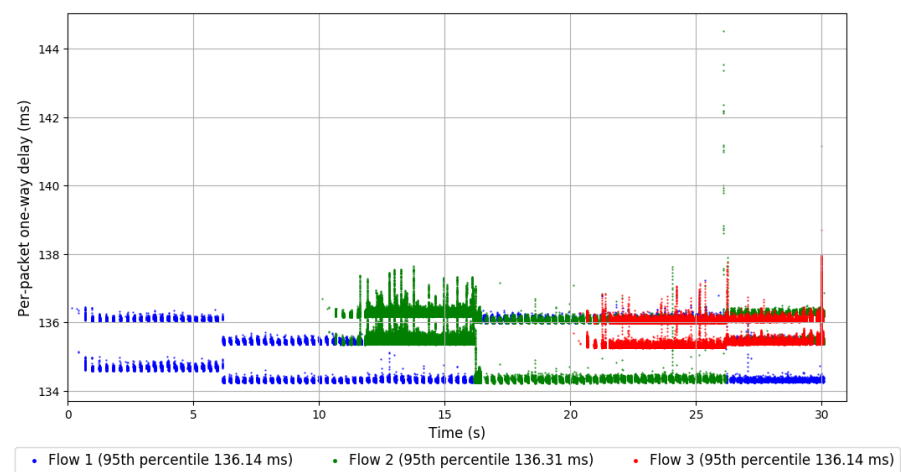
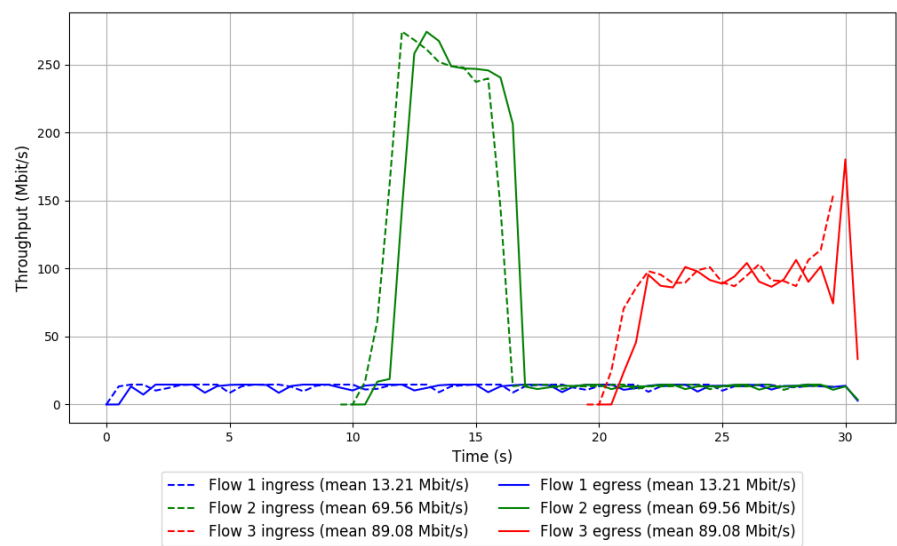


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-06-30 16:07:48
End at: 2018-06-30 16:08:18
Local clock offset: -0.188 ms
Remote clock offset: 0.051 ms

# Below is generated by plot.py at 2018-06-30 22:00:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.17 Mbit/s
95th percentile per-packet one-way delay: 136.285 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.21 Mbit/s
95th percentile per-packet one-way delay: 136.137 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 69.56 Mbit/s
95th percentile per-packet one-way delay: 136.313 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 89.08 Mbit/s
95th percentile per-packet one-way delay: 136.136 ms
Loss rate: 0.00%
```


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

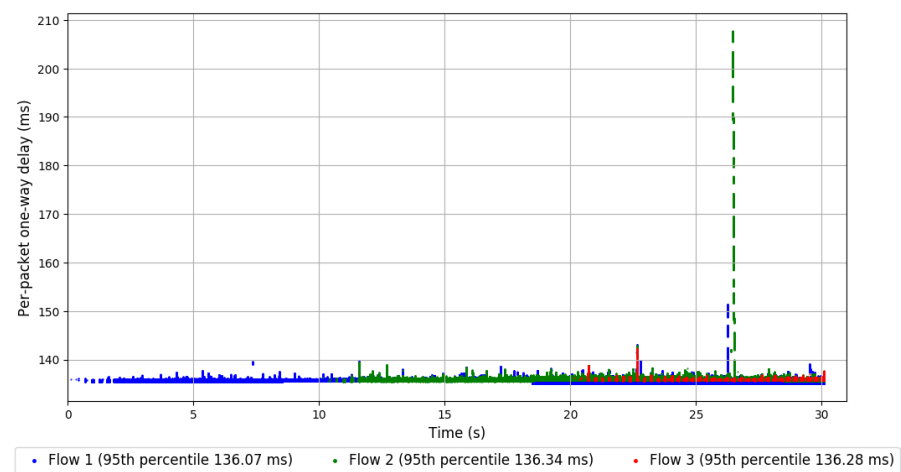
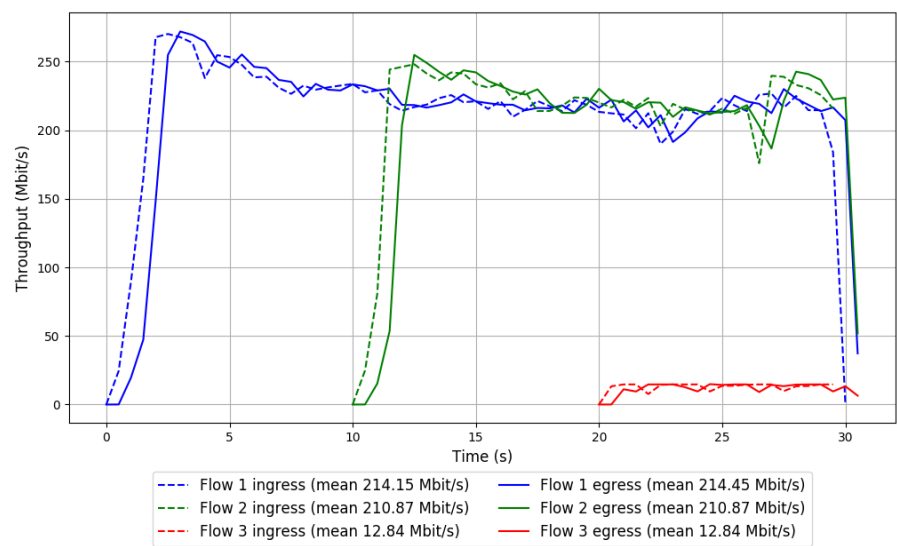


```
Run 2: Statistics of TaoVA-100x

Start at: 2018-06-30 16:33:26
End at: 2018-06-30 16:33:56
Local clock offset: -0.321 ms
Remote clock offset: 0.114 ms

# Below is generated by plot.py at 2018-06-30 22:04:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 359.13 Mbit/s
95th percentile per-packet one-way delay: 136.235 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 214.45 Mbit/s
95th percentile per-packet one-way delay: 136.068 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 210.87 Mbit/s
95th percentile per-packet one-way delay: 136.342 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 12.84 Mbit/s
95th percentile per-packet one-way delay: 136.281 ms
Loss rate: 0.00%
```

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-06-30 16:59:29

End at: 2018-06-30 16:59:59

Local clock offset: 0.255 ms

Remote clock offset: 0.441 ms

Below is generated by plot.py at 2018-06-30 22:04:02

Datalink statistics

-- Total of 3 flows:

Average throughput: 224.84 Mbit/s

95th percentile per-packet one-way delay: 136.800 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 13.21 Mbit/s

95th percentile per-packet one-way delay: 136.555 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 220.27 Mbit/s

95th percentile per-packet one-way delay: 136.807 ms

Loss rate: 0.00%

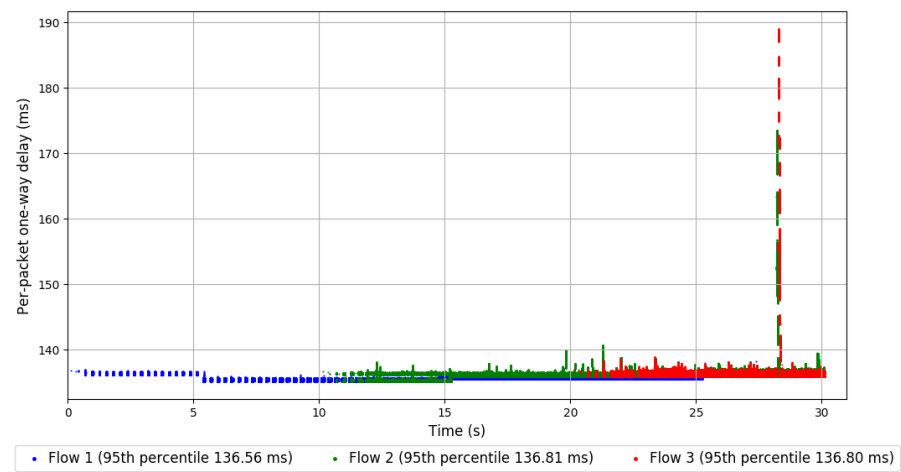
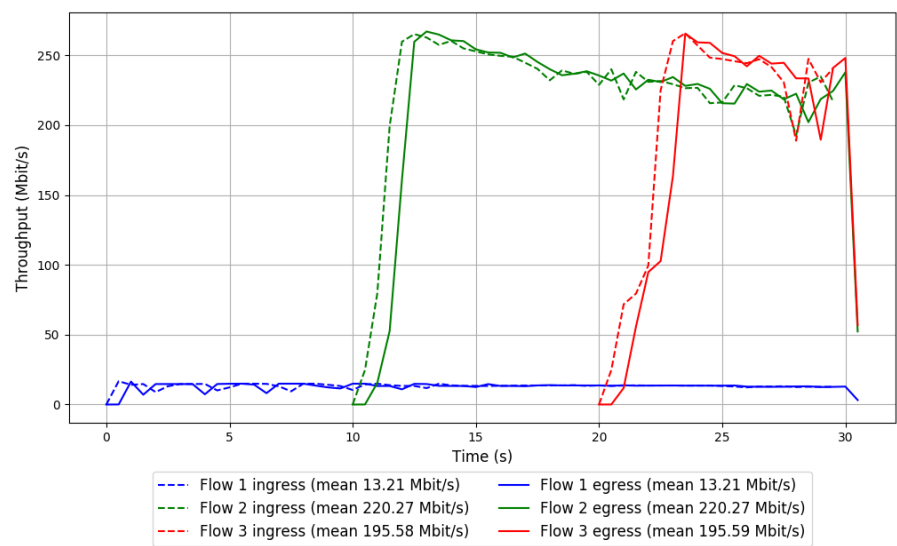
-- Flow 3:

Average throughput: 195.59 Mbit/s

95th percentile per-packet one-way delay: 136.803 ms

Loss rate: 0.00%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-06-30 17:25:27

End at: 2018-06-30 17:25:57

Local clock offset: 0.015 ms

Remote clock offset: 0.365 ms

Below is generated by plot.py at 2018-06-30 22:04:02

Datalink statistics

-- Total of 3 flows:

Average throughput: 302.30 Mbit/s

95th percentile per-packet one-way delay: 136.826 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 159.86 Mbit/s

95th percentile per-packet one-way delay: 136.725 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 130.64 Mbit/s

95th percentile per-packet one-way delay: 136.827 ms

Loss rate: 0.00%

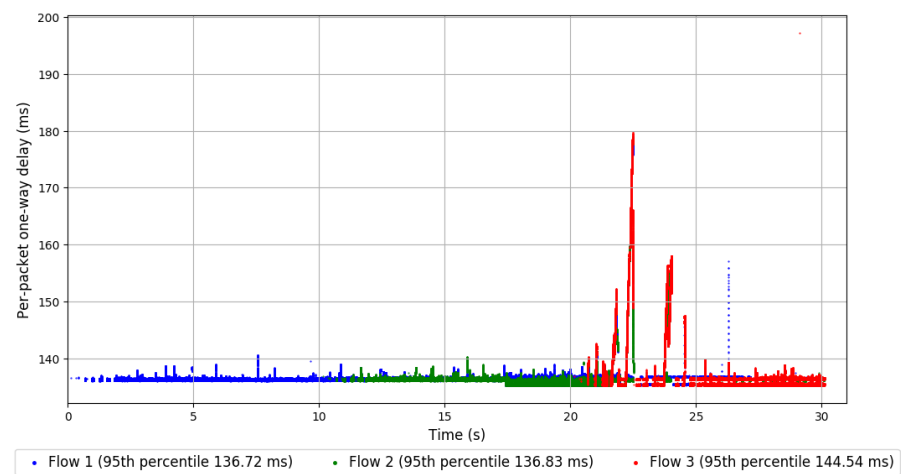
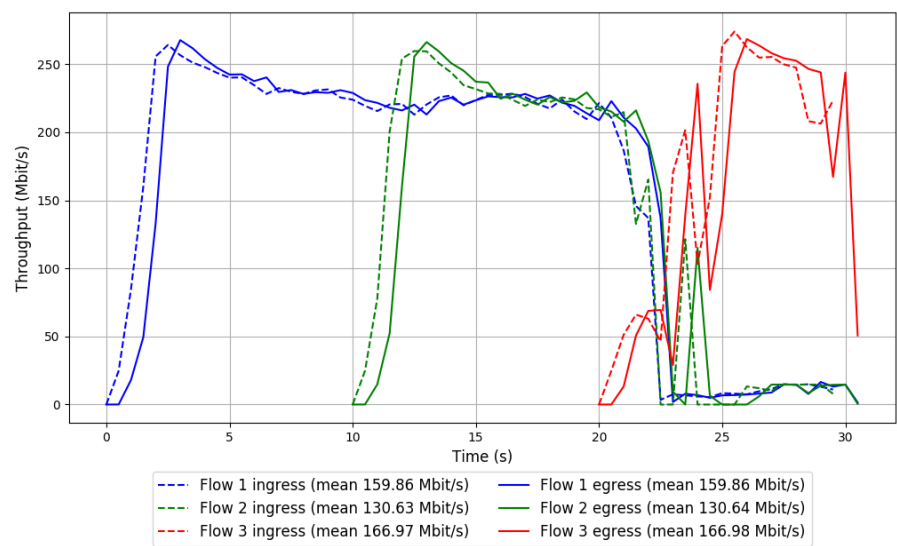
-- Flow 3:

Average throughput: 166.98 Mbit/s

95th percentile per-packet one-way delay: 144.545 ms

Loss rate: 0.00%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-06-30 17:51:57

End at: 2018-06-30 17:52:27

Local clock offset: 0.235 ms

Remote clock offset: 0.016 ms

Below is generated by plot.py at 2018-06-30 22:04:19

Datalink statistics

-- Total of 3 flows:

Average throughput: 350.74 Mbit/s

95th percentile per-packet one-way delay: 136.215 ms

Loss rate: 0.08%

-- Flow 1:

Average throughput: 181.22 Mbit/s

95th percentile per-packet one-way delay: 135.762 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 202.76 Mbit/s

95th percentile per-packet one-way delay: 136.424 ms

Loss rate: 0.20%

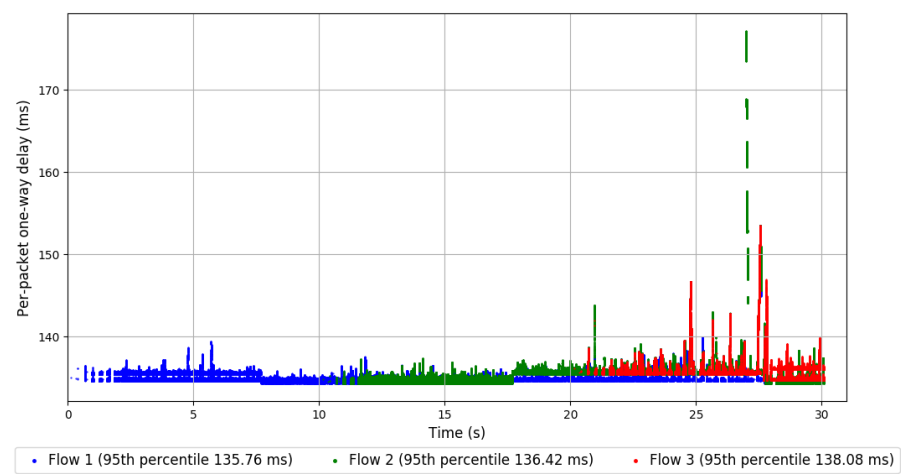
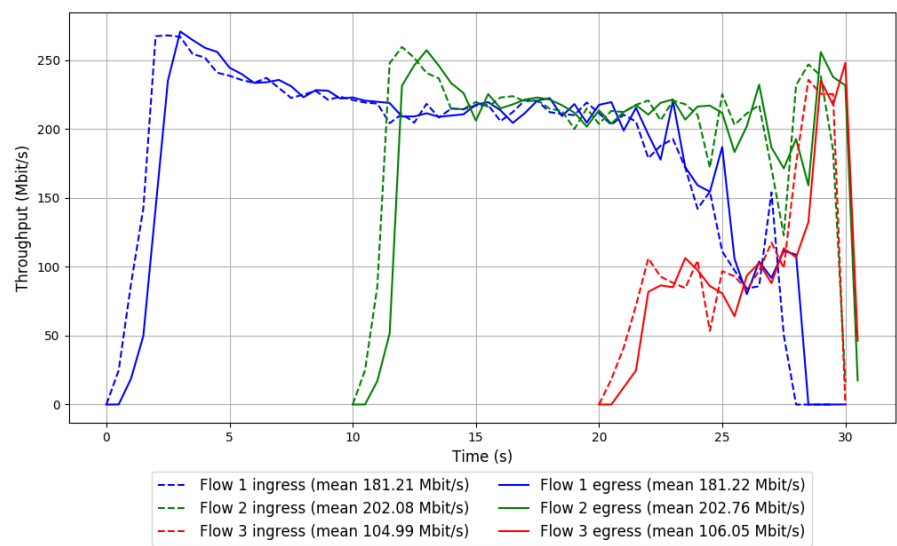
-- Flow 3:

Average throughput: 106.05 Mbit/s

95th percentile per-packet one-way delay: 138.083 ms

Loss rate: 0.00%

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

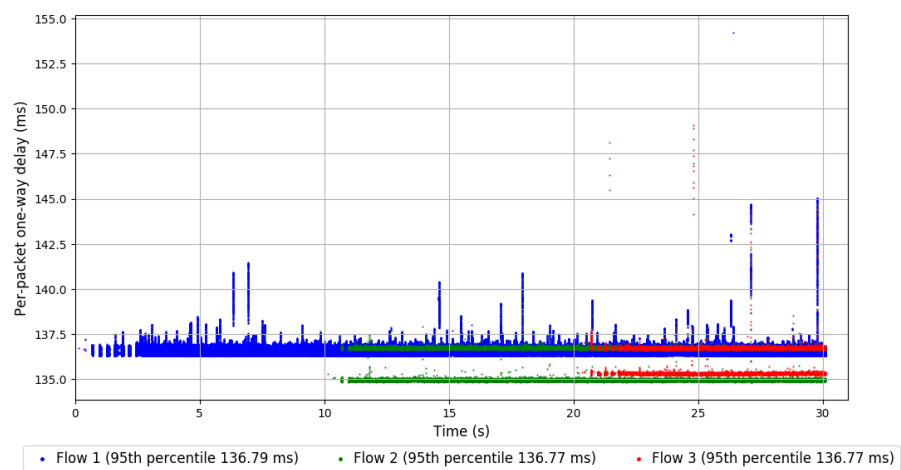
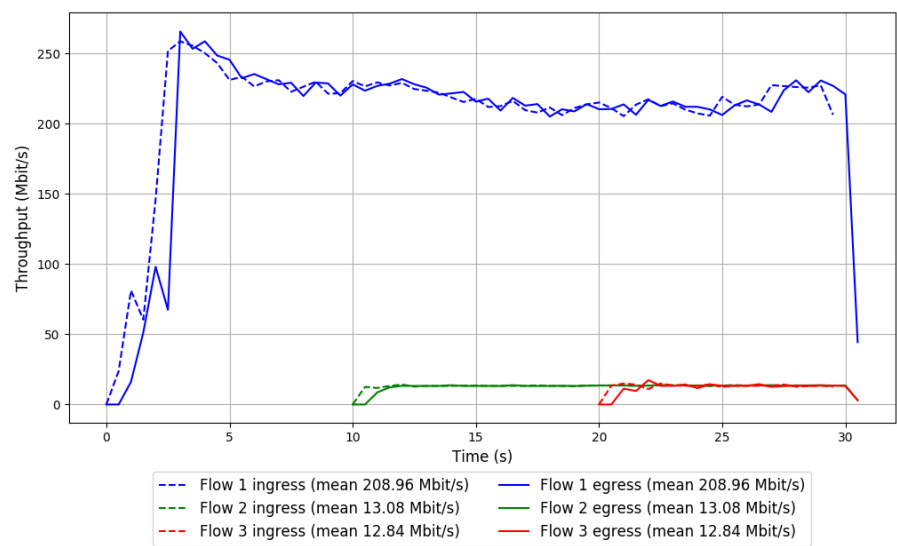


Run 6: Statistics of TaoVA-100x

Start at: 2018-06-30 18:18:12
End at: 2018-06-30 18:18:42
Local clock offset: 0.015 ms
Remote clock offset: -0.035 ms

Below is generated by plot.py at 2018-06-30 22:04:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 221.93 Mbit/s
95th percentile per-packet one-way delay: 136.791 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 208.96 Mbit/s
95th percentile per-packet one-way delay: 136.793 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 13.08 Mbit/s
95th percentile per-packet one-way delay: 136.769 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 12.84 Mbit/s
95th percentile per-packet one-way delay: 136.766 ms
Loss rate: 0.00%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-06-30 18:44:18

End at: 2018-06-30 18:44:48

Local clock offset: 0.239 ms

Remote clock offset: 0.063 ms

Below is generated by plot.py at 2018-06-30 22:04:20

Datalink statistics

-- Total of 3 flows:

Average throughput: 166.20 Mbit/s

95th percentile per-packet one-way delay: 136.570 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 13.27 Mbit/s

95th percentile per-packet one-way delay: 136.623 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 223.23 Mbit/s

95th percentile per-packet one-way delay: 136.560 ms

Loss rate: 0.00%

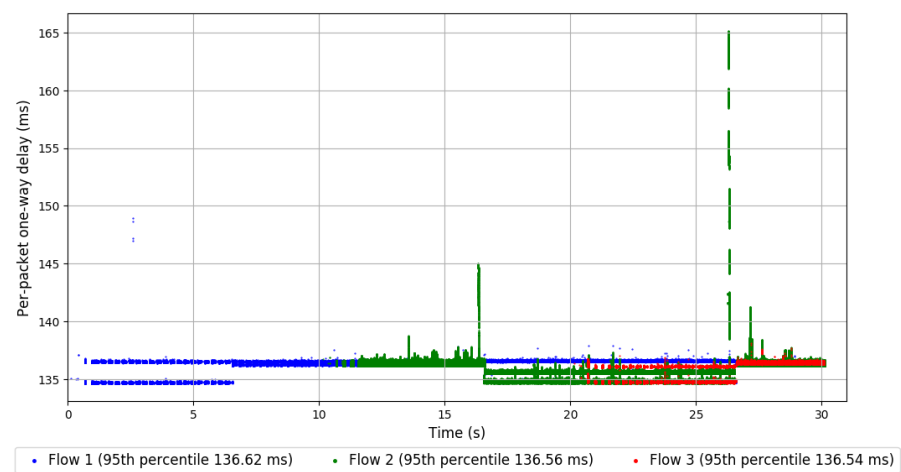
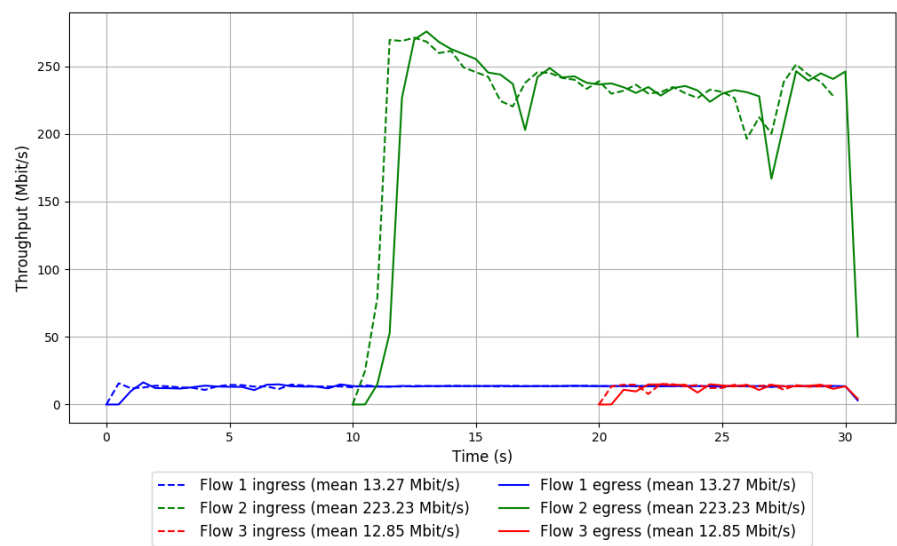
-- Flow 3:

Average throughput: 12.85 Mbit/s

95th percentile per-packet one-way delay: 136.543 ms

Loss rate: 0.00%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-06-30 19:10:09

End at: 2018-06-30 19:10:39

Local clock offset: 0.215 ms

Remote clock offset: 0.109 ms

Below is generated by plot.py at 2018-06-30 22:04:27

Datalink statistics

-- Total of 3 flows:

Average throughput: 284.76 Mbit/s

95th percentile per-packet one-way delay: 137.468 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 80.73 Mbit/s

95th percentile per-packet one-way delay: 136.514 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 211.76 Mbit/s

95th percentile per-packet one-way delay: 137.238 ms

Loss rate: 0.00%

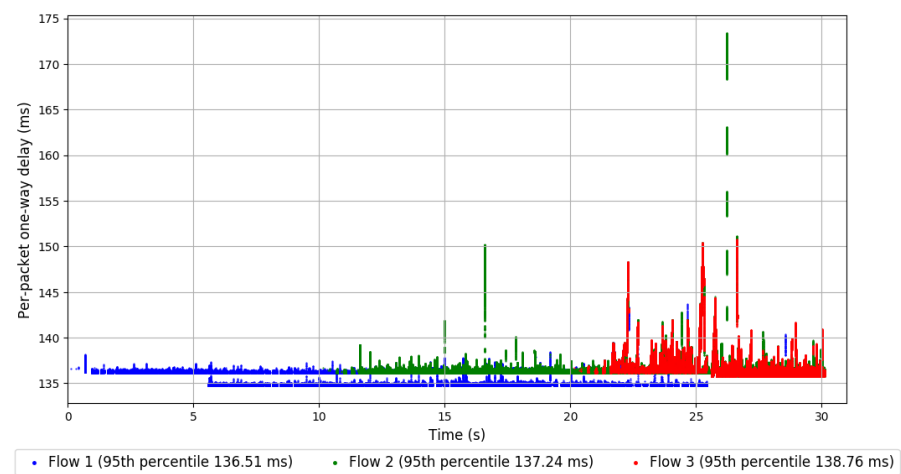
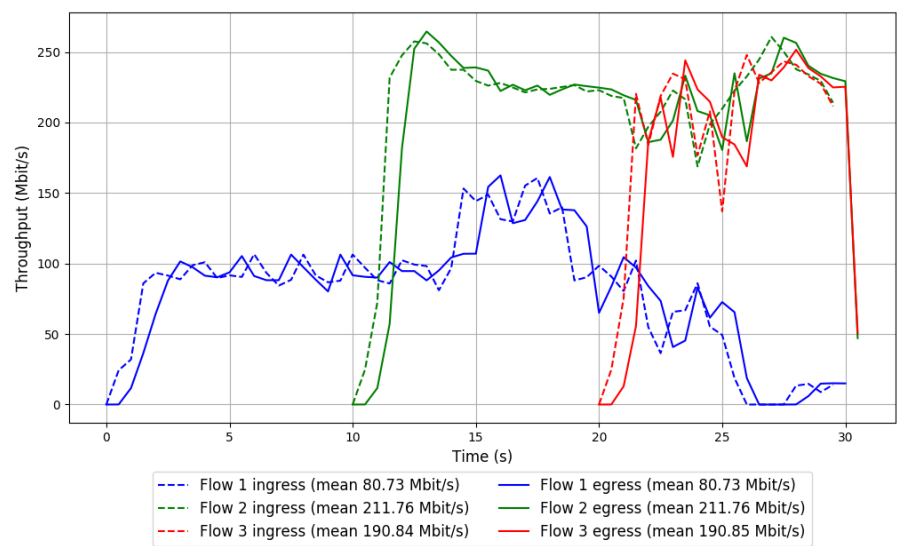
-- Flow 3:

Average throughput: 190.85 Mbit/s

95th percentile per-packet one-way delay: 138.765 ms

Loss rate: 0.00%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-06-30 19:36:36

End at: 2018-06-30 19:37:06

Local clock offset: 0.018 ms

Remote clock offset: 0.029 ms

Below is generated by plot.py at 2018-06-30 22:11:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 353.84 Mbit/s

95th percentile per-packet one-way delay: 137.547 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 203.39 Mbit/s

95th percentile per-packet one-way delay: 137.249 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 208.16 Mbit/s

95th percentile per-packet one-way delay: 138.000 ms

Loss rate: 0.00%

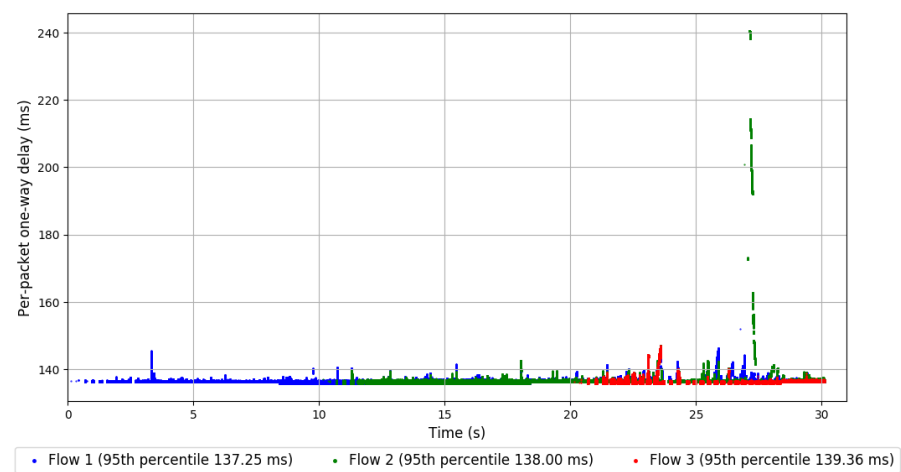
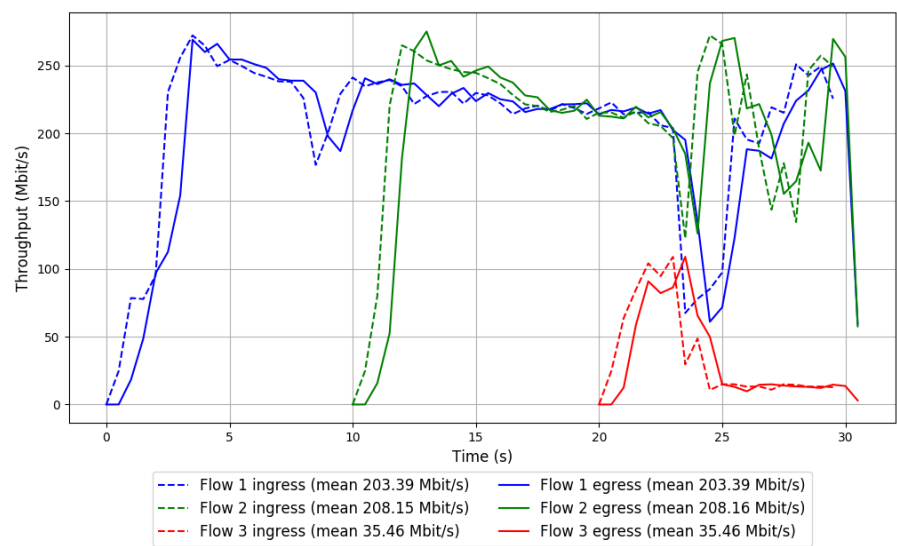
-- Flow 3:

Average throughput: 35.46 Mbit/s

95th percentile per-packet one-way delay: 139.362 ms

Loss rate: 0.00%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-06-30 20:03:01

End at: 2018-06-30 20:03:31

Local clock offset: 0.072 ms

Remote clock offset: 0.002 ms

Below is generated by plot.py at 2018-06-30 22:11:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 248.26 Mbit/s

95th percentile per-packet one-way delay: 136.648 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 147.61 Mbit/s

95th percentile per-packet one-way delay: 136.669 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 142.81 Mbit/s

95th percentile per-packet one-way delay: 136.542 ms

Loss rate: 0.00%

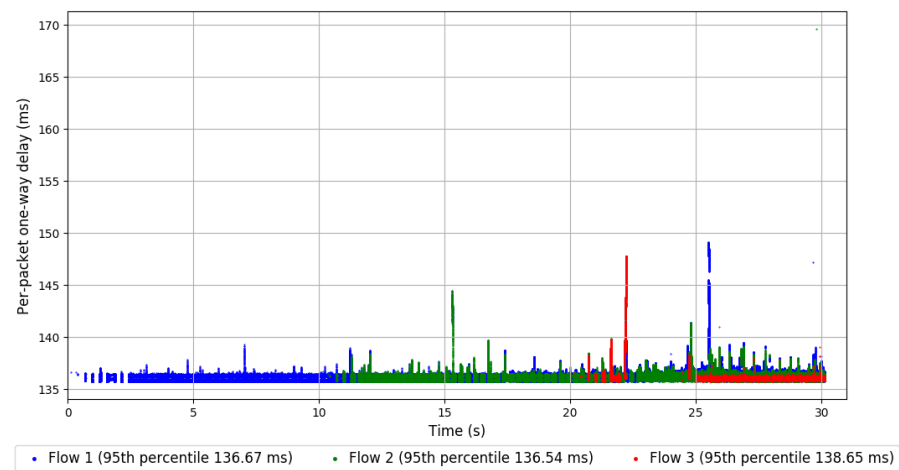
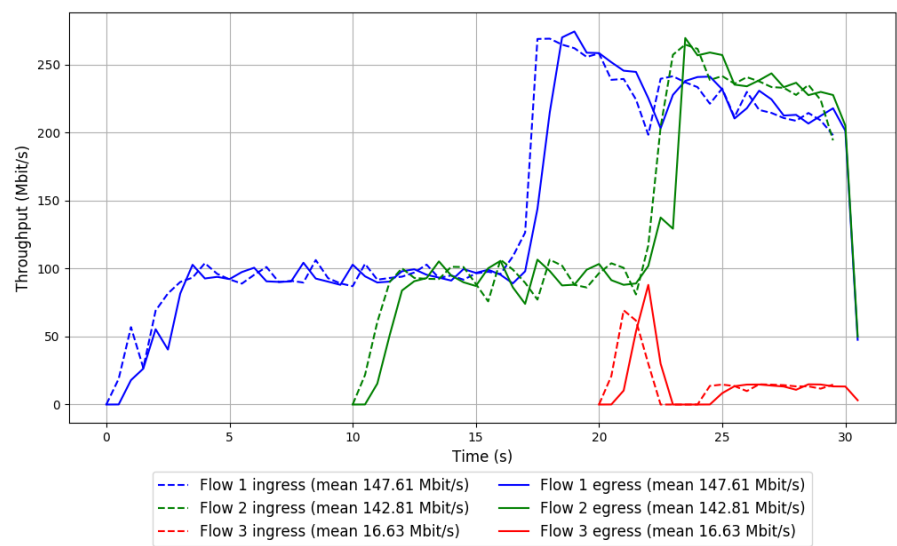
-- Flow 3:

Average throughput: 16.63 Mbit/s

95th percentile per-packet one-way delay: 138.651 ms

Loss rate: 0.00%

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

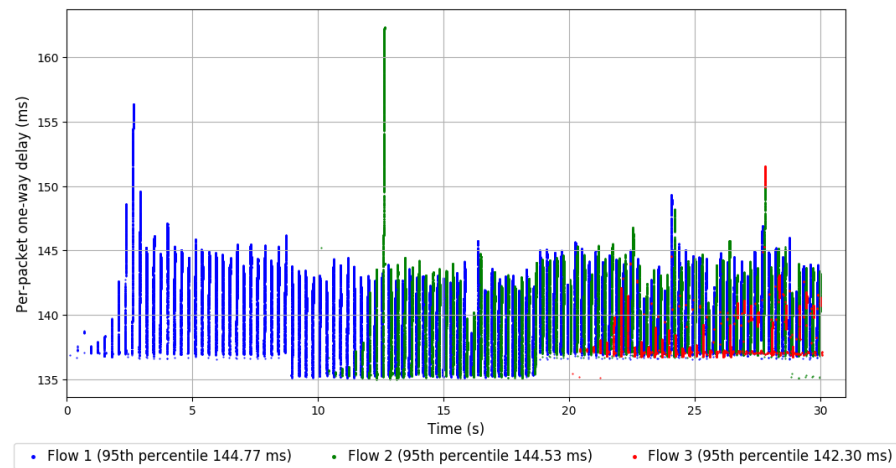
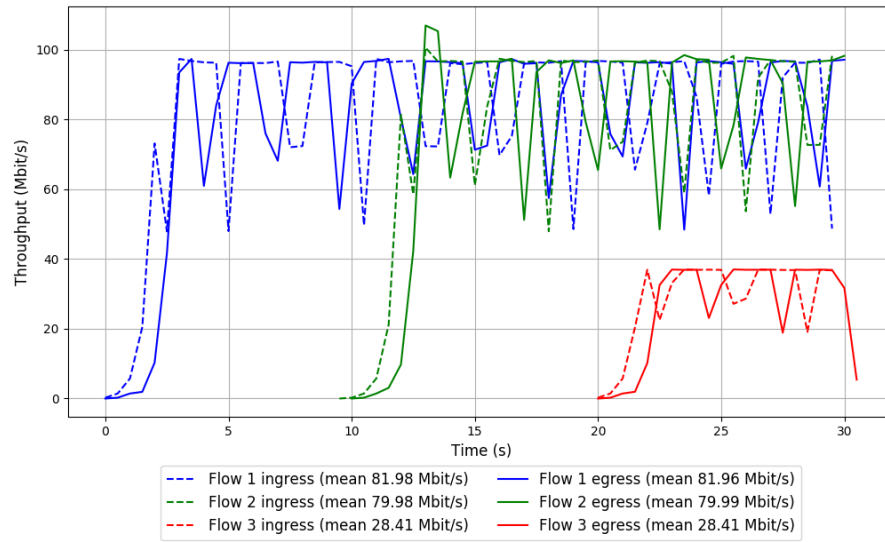


Run 1: Statistics of TCP Vegas

Start at: 2018-06-30 15:59:06
End at: 2018-06-30 15:59:36
Local clock offset: -0.539 ms
Remote clock offset: 0.044 ms

Below is generated by plot.py at 2018-06-30 22:11:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 143.93 Mbit/s
95th percentile per-packet one-way delay: 144.687 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 81.96 Mbit/s
95th percentile per-packet one-way delay: 144.770 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 79.99 Mbit/s
95th percentile per-packet one-way delay: 144.529 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 28.41 Mbit/s
95th percentile per-packet one-way delay: 142.304 ms
Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2018-06-30 16:24:34

End at: 2018-06-30 16:25:04

Local clock offset: -0.319 ms

Remote clock offset: 0.095 ms

Below is generated by plot.py at 2018-06-30 22:11:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 110.30 Mbit/s

95th percentile per-packet one-way delay: 144.638 ms

Loss rate: 0.03%

-- Flow 1:

Average throughput: 82.38 Mbit/s

95th percentile per-packet one-way delay: 144.902 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 31.19 Mbit/s

95th percentile per-packet one-way delay: 141.398 ms

Loss rate: 0.14%

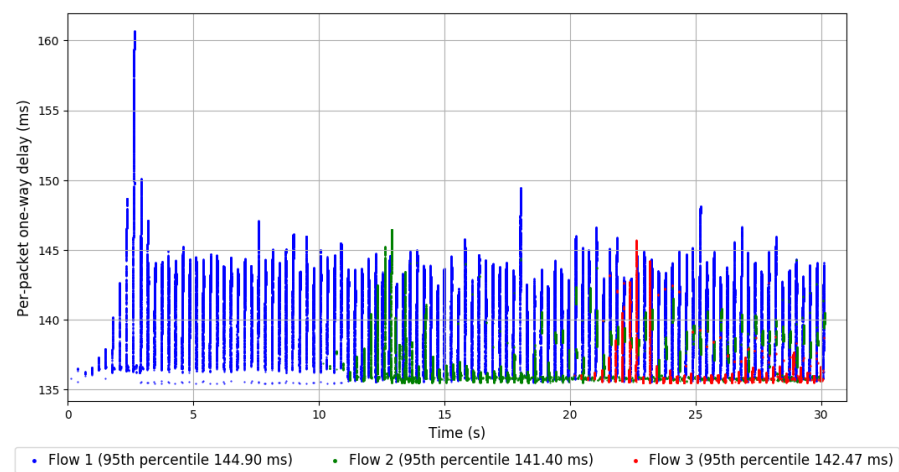
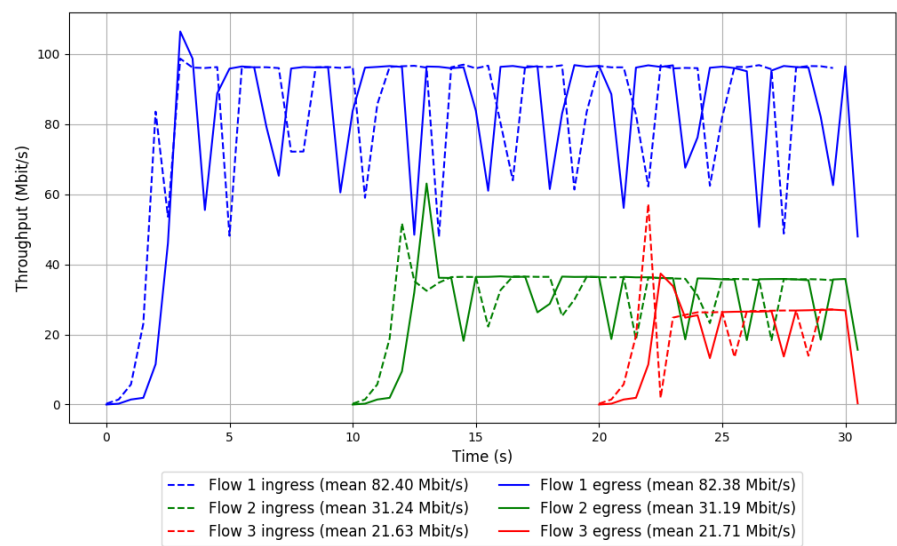
-- Flow 3:

Average throughput: 21.71 Mbit/s

95th percentile per-packet one-way delay: 142.473 ms

Loss rate: 0.01%

Run 2: Report of TCP Vegas — Data Link

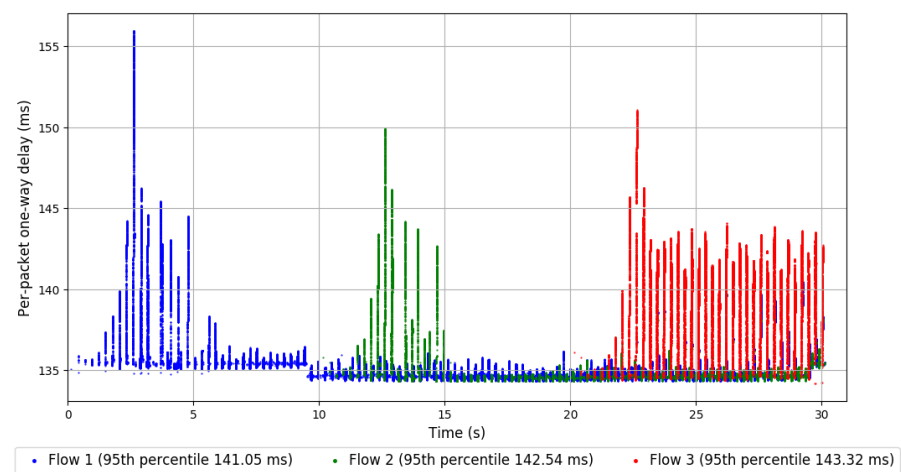
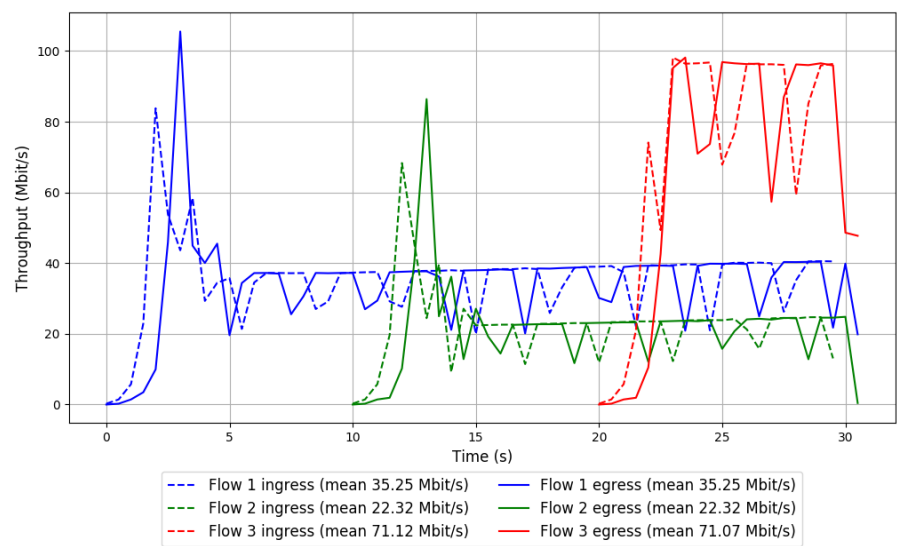


Run 3: Statistics of TCP Vegas

Start at: 2018-06-30 16:50:45
End at: 2018-06-30 16:51:15
Local clock offset: 0.257 ms
Remote clock offset: -0.243 ms

Below is generated by plot.py at 2018-06-30 22:11:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.57 Mbit/s
95th percentile per-packet one-way delay: 142.870 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 35.25 Mbit/s
95th percentile per-packet one-way delay: 141.050 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 22.32 Mbit/s
95th percentile per-packet one-way delay: 142.544 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 71.07 Mbit/s
95th percentile per-packet one-way delay: 143.320 ms
Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2018-06-30 17:16:41

End at: 2018-06-30 17:17:11

Local clock offset: 0.194 ms

Remote clock offset: 0.377 ms

Below is generated by plot.py at 2018-06-30 22:11:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 68.62 Mbit/s

95th percentile per-packet one-way delay: 141.171 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 35.22 Mbit/s

95th percentile per-packet one-way delay: 140.143 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 38.19 Mbit/s

95th percentile per-packet one-way delay: 139.679 ms

Loss rate: 0.00%

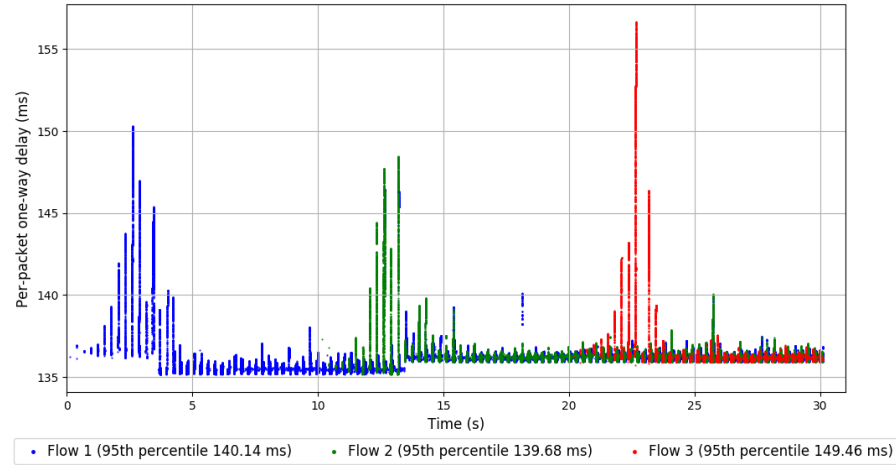
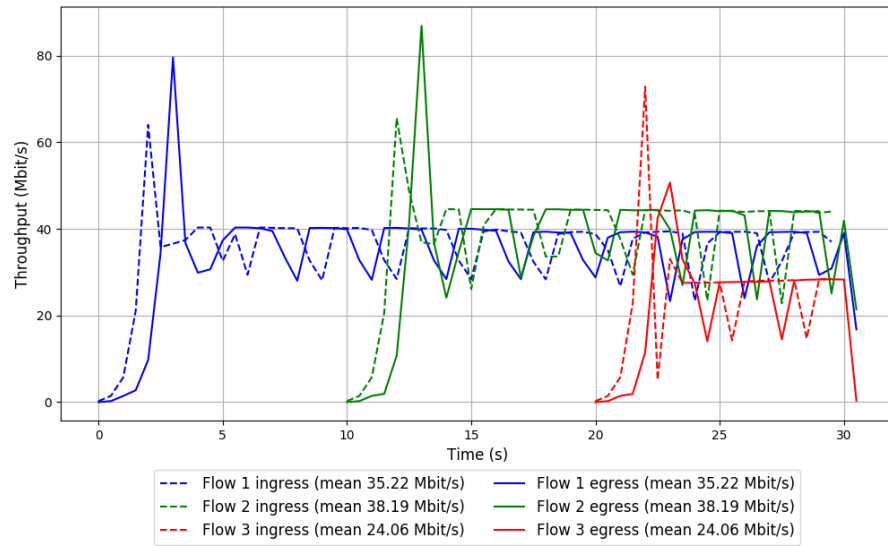
-- Flow 3:

Average throughput: 24.06 Mbit/s

95th percentile per-packet one-way delay: 149.458 ms

Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link

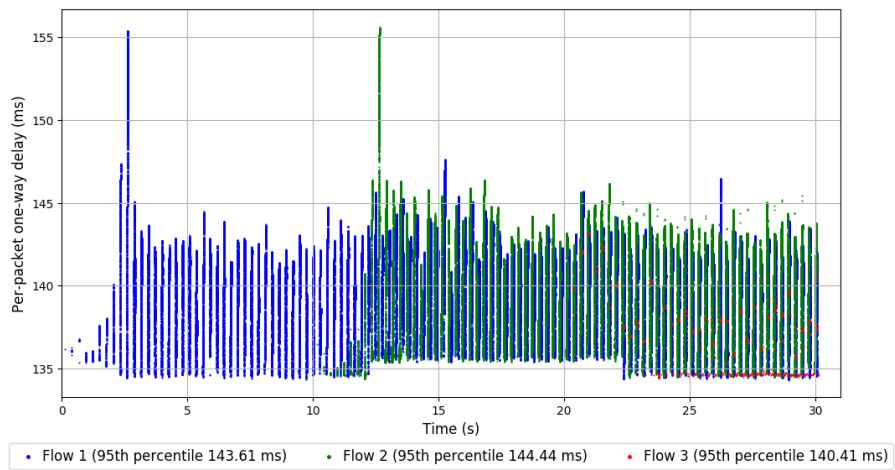
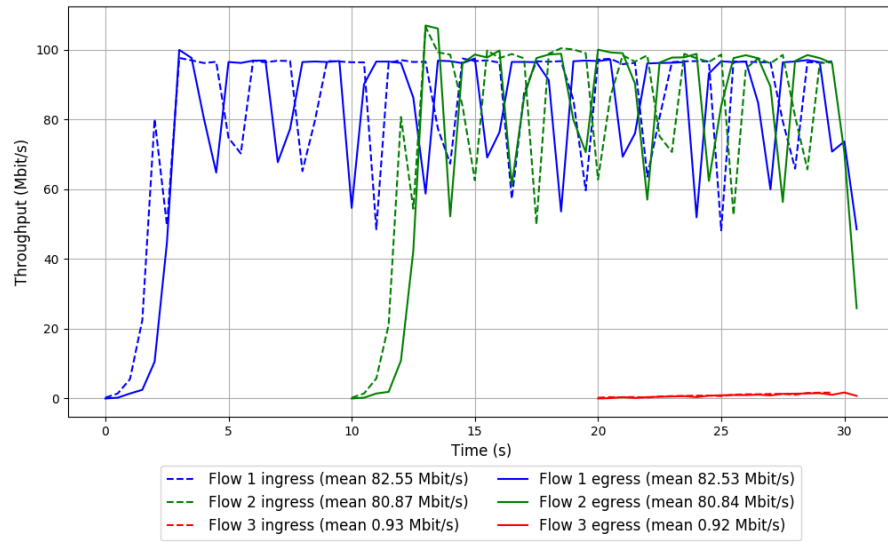


Run 5: Statistics of TCP Vegas

Start at: 2018-06-30 17:43:02
End at: 2018-06-30 17:43:32
Local clock offset: 0.298 ms
Remote clock offset: -0.348 ms

Below is generated by plot.py at 2018-06-30 22:11:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 136.35 Mbit/s
95th percentile per-packet one-way delay: 144.094 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 82.53 Mbit/s
95th percentile per-packet one-way delay: 143.613 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 80.84 Mbit/s
95th percentile per-packet one-way delay: 144.442 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.92 Mbit/s
95th percentile per-packet one-way delay: 140.413 ms
Loss rate: 0.65%

Run 5: Report of TCP Vegas — Data Link

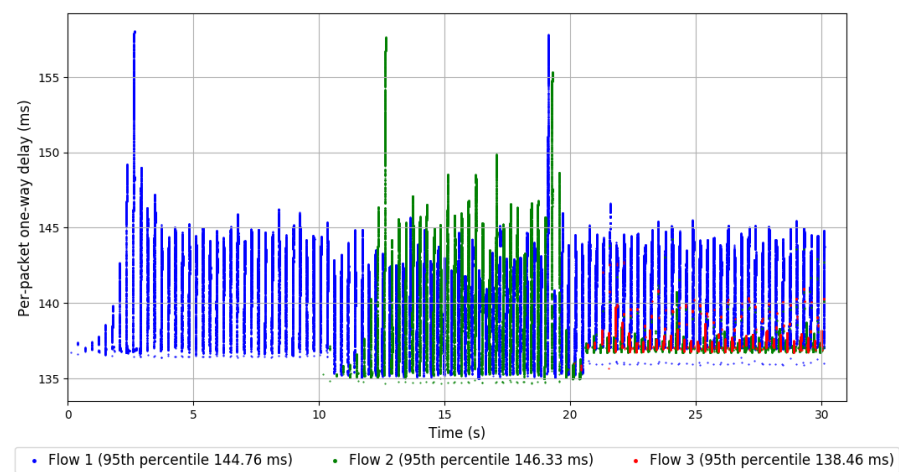
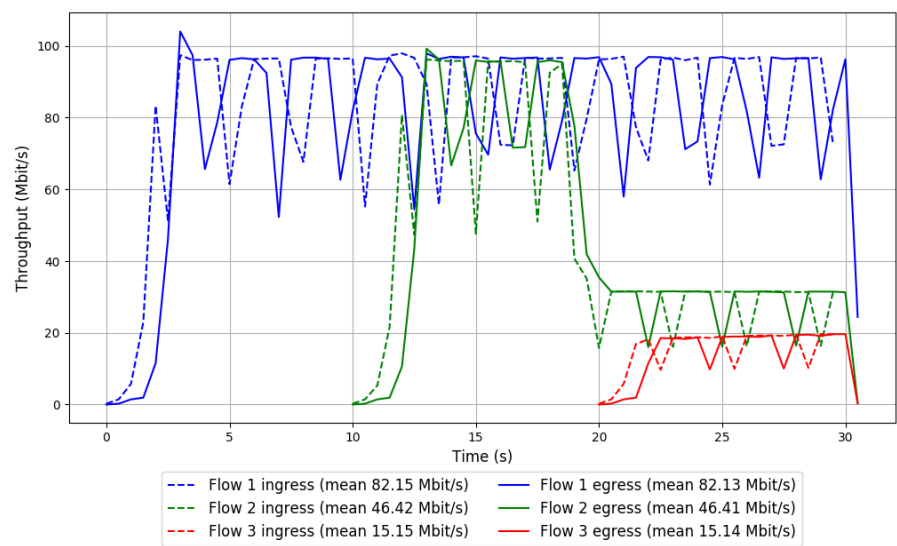


Run 6: Statistics of TCP Vegas

Start at: 2018-06-30 18:09:24
End at: 2018-06-30 18:09:54
Local clock offset: -0.096 ms
Remote clock offset: -0.026 ms

Below is generated by plot.py at 2018-06-30 22:11:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 118.08 Mbit/s
95th percentile per-packet one-way delay: 145.196 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 82.13 Mbit/s
95th percentile per-packet one-way delay: 144.759 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 46.41 Mbit/s
95th percentile per-packet one-way delay: 146.326 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 15.14 Mbit/s
95th percentile per-packet one-way delay: 138.463 ms
Loss rate: 0.00%

Run 6: Report of TCP Vegas — Data Link

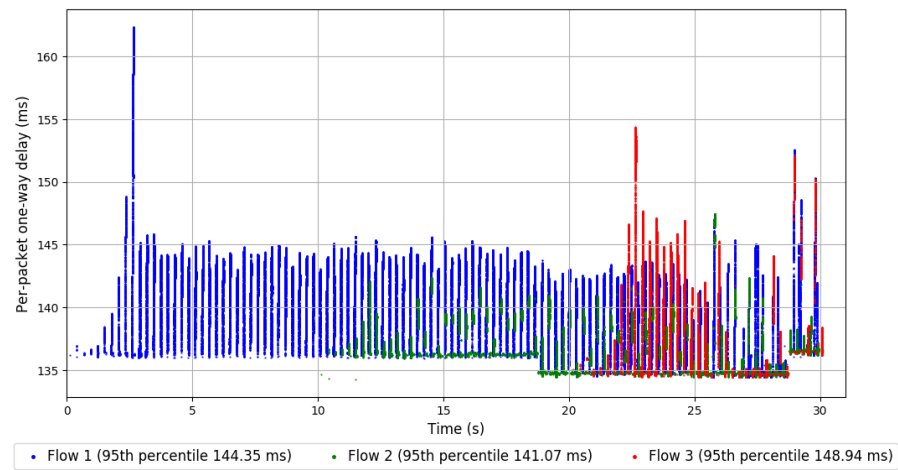
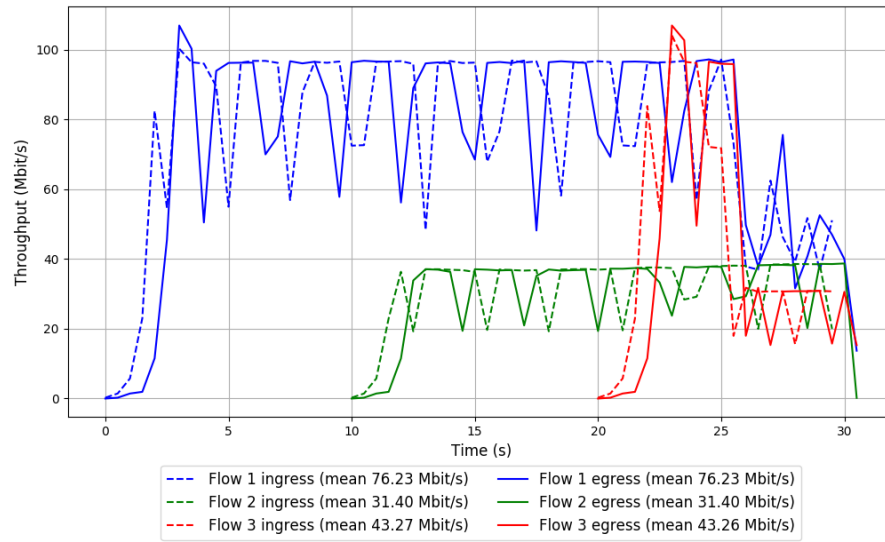


Run 7: Statistics of TCP Vegas

Start at: 2018-06-30 18:35:26
End at: 2018-06-30 18:35:56
Local clock offset: 0.085 ms
Remote clock offset: -0.306 ms

Below is generated by plot.py at 2018-06-30 22:11:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 111.37 Mbit/s
95th percentile per-packet one-way delay: 144.529 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 76.23 Mbit/s
95th percentile per-packet one-way delay: 144.347 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 31.40 Mbit/s
95th percentile per-packet one-way delay: 141.067 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 43.26 Mbit/s
95th percentile per-packet one-way delay: 148.937 ms
Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2018-06-30 19:01:20

End at: 2018-06-30 19:01:50

Local clock offset: 0.014 ms

Remote clock offset: 0.113 ms

Below is generated by plot.py at 2018-06-30 22:11:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 51.48 Mbit/s

95th percentile per-packet one-way delay: 141.554 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 27.18 Mbit/s

95th percentile per-packet one-way delay: 139.323 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 24.36 Mbit/s

95th percentile per-packet one-way delay: 140.367 ms

Loss rate: 0.00%

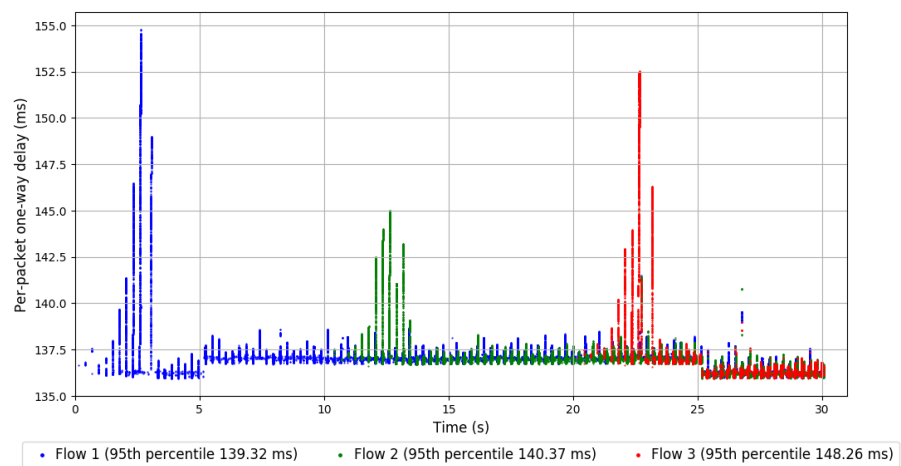
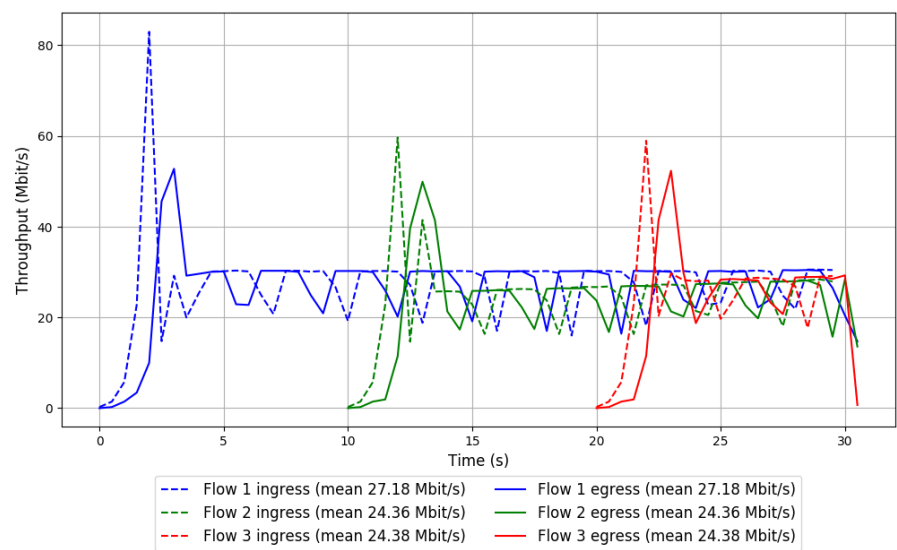
-- Flow 3:

Average throughput: 24.38 Mbit/s

95th percentile per-packet one-way delay: 148.257 ms

Loss rate: 0.00%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2018-06-30 19:27:43

End at: 2018-06-30 19:28:13

Local clock offset: 0.415 ms

Remote clock offset: 0.499 ms

Below is generated by plot.py at 2018-06-30 22:11:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 116.75 Mbit/s

95th percentile per-packet one-way delay: 144.043 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 40.57 Mbit/s

95th percentile per-packet one-way delay: 141.609 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 79.76 Mbit/s

95th percentile per-packet one-way delay: 144.450 ms

Loss rate: 0.00%

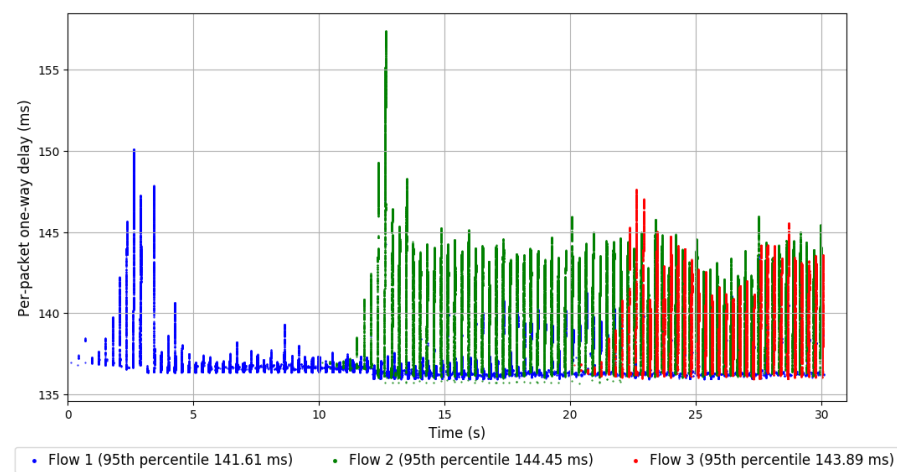
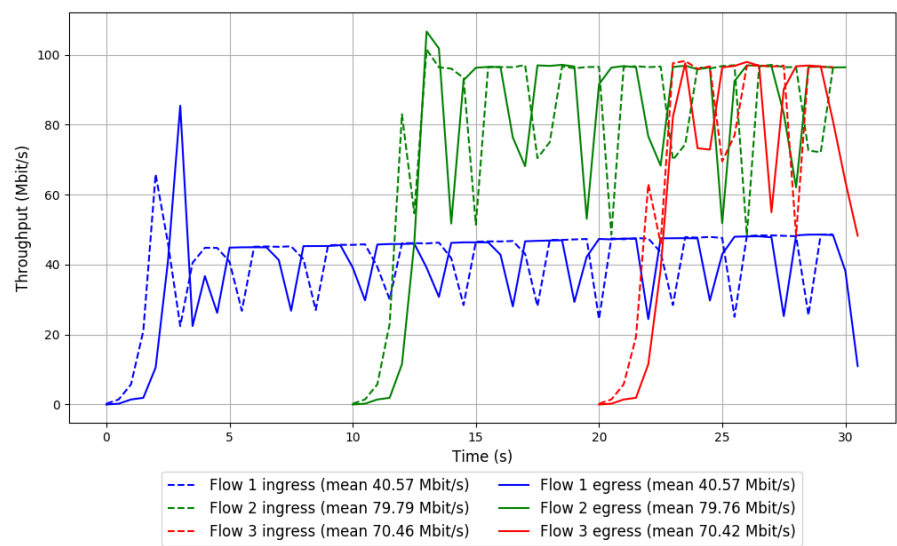
-- Flow 3:

Average throughput: 70.42 Mbit/s

95th percentile per-packet one-way delay: 143.890 ms

Loss rate: 0.00%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-06-30 19:54:05

End at: 2018-06-30 19:54:35

Local clock offset: 0.046 ms

Remote clock offset: 0.038 ms

Below is generated by plot.py at 2018-06-30 22:11:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 100.91 Mbit/s

95th percentile per-packet one-way delay: 144.742 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 40.20 Mbit/s

95th percentile per-packet one-way delay: 140.815 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 79.56 Mbit/s

95th percentile per-packet one-way delay: 145.362 ms

Loss rate: 0.00%

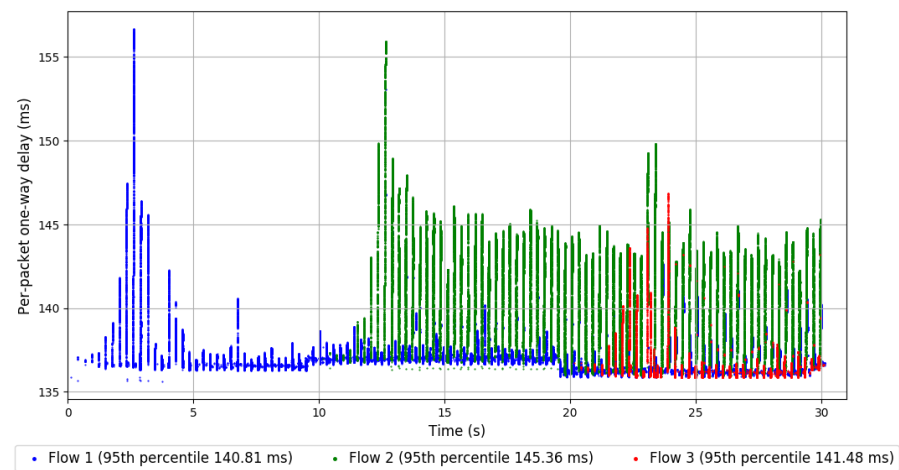
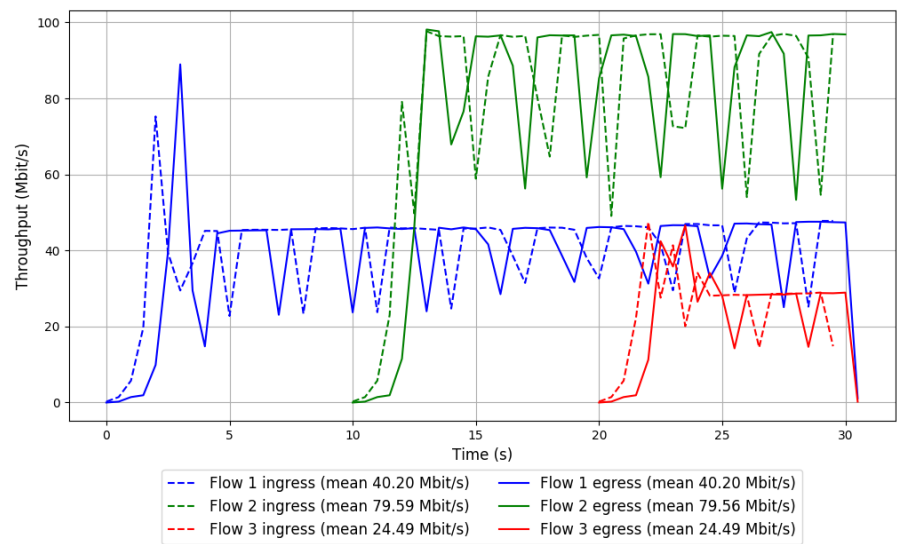
-- Flow 3:

Average throughput: 24.49 Mbit/s

95th percentile per-packet one-way delay: 141.481 ms

Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link

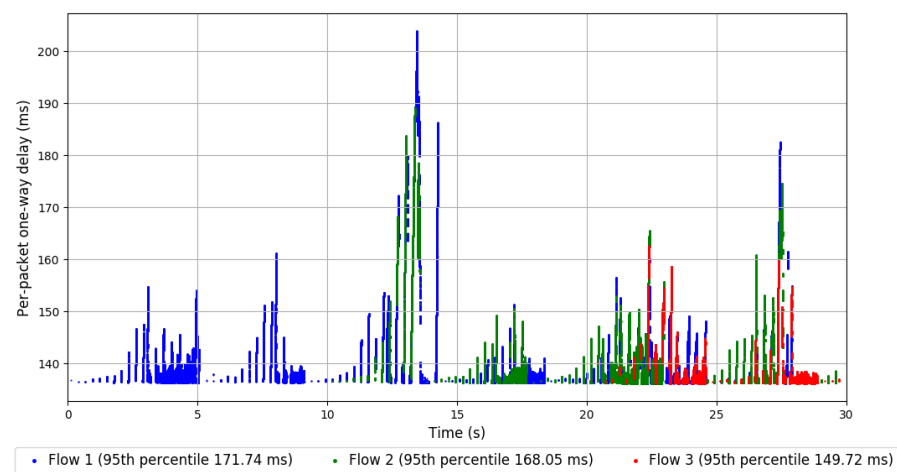
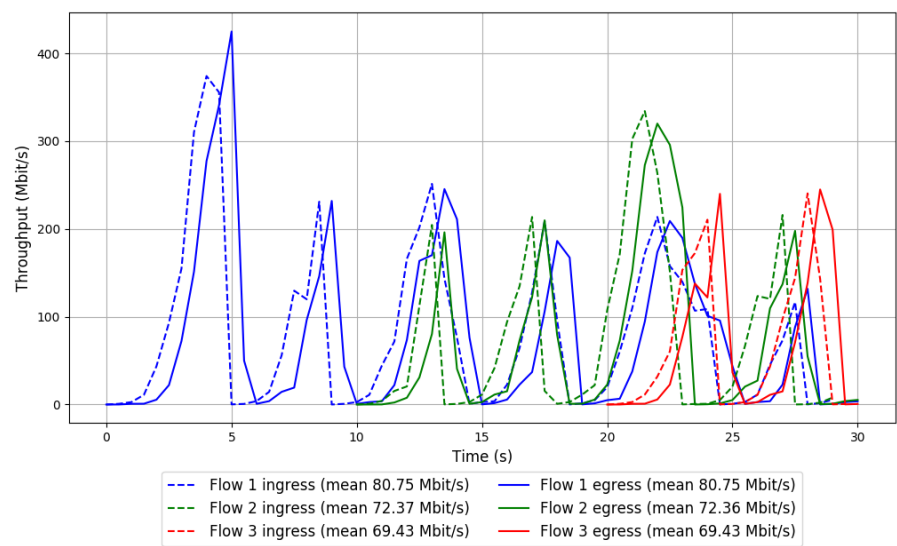


Run 1: Statistics of Verus

Start at: 2018-06-30 15:56:23
End at: 2018-06-30 15:56:53
Local clock offset: -0.166 ms
Remote clock offset: -0.006 ms

Below is generated by plot.py at 2018-06-30 22:11:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 150.27 Mbit/s
95th percentile per-packet one-way delay: 167.128 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 80.75 Mbit/s
95th percentile per-packet one-way delay: 171.738 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 72.36 Mbit/s
95th percentile per-packet one-way delay: 168.054 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 69.43 Mbit/s
95th percentile per-packet one-way delay: 149.718 ms
Loss rate: 0.00%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2018-06-30 16:21:47

End at: 2018-06-30 16:22:17

Local clock offset: -0.223 ms

Remote clock offset: 0.075 ms

Below is generated by plot.py at 2018-06-30 22:11:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 195.00 Mbit/s

95th percentile per-packet one-way delay: 176.212 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 154.93 Mbit/s

95th percentile per-packet one-way delay: 178.451 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 43.97 Mbit/s

95th percentile per-packet one-way delay: 156.948 ms

Loss rate: 0.00%

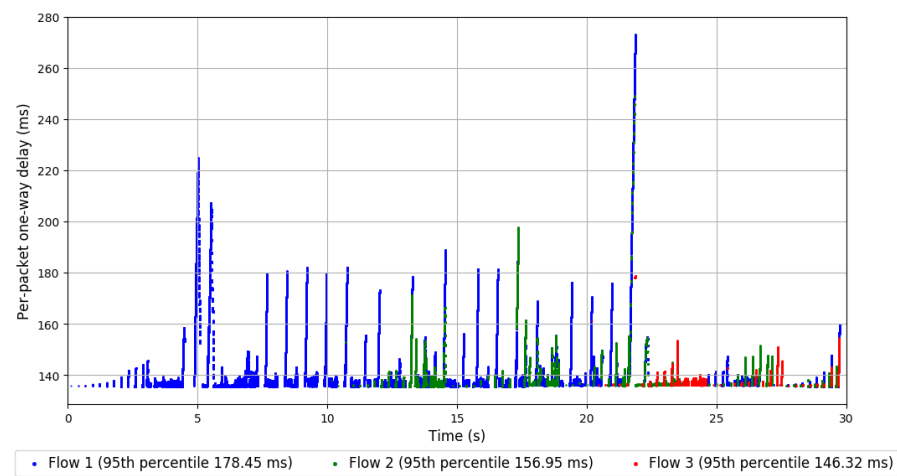
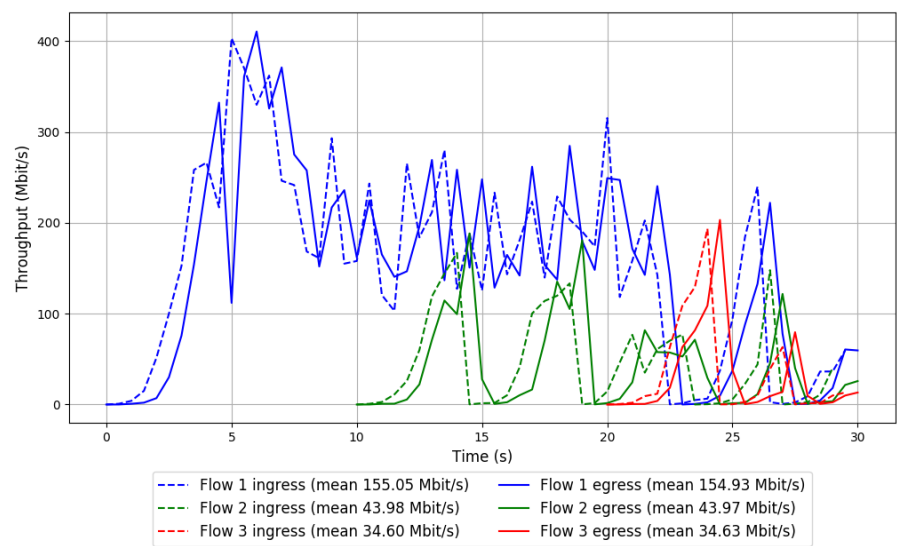
-- Flow 3:

Average throughput: 34.63 Mbit/s

95th percentile per-packet one-way delay: 146.318 ms

Loss rate: 0.00%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2018-06-30 16:47:53

End at: 2018-06-30 16:48:23

Local clock offset: -0.057 ms

Remote clock offset: 0.128 ms

Below is generated by plot.py at 2018-06-30 22:11:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 258.36 Mbit/s

95th percentile per-packet one-way delay: 195.483 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 207.69 Mbit/s

95th percentile per-packet one-way delay: 198.595 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 57.27 Mbit/s

95th percentile per-packet one-way delay: 180.110 ms

Loss rate: 0.00%

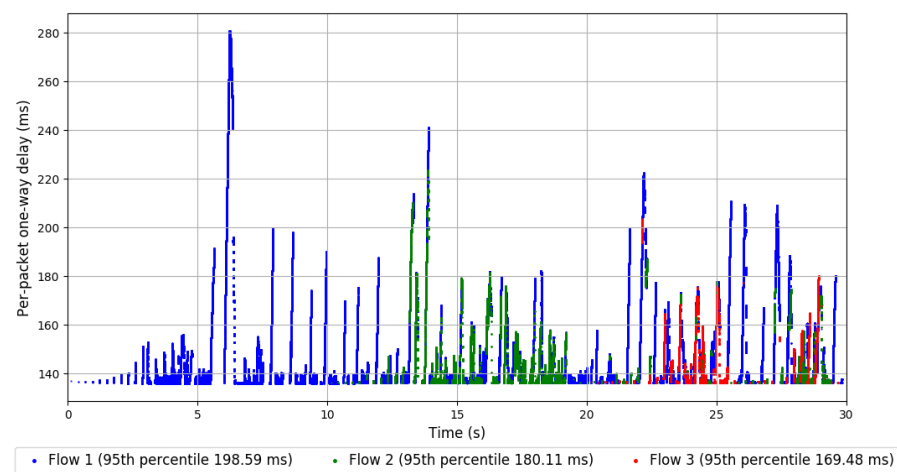
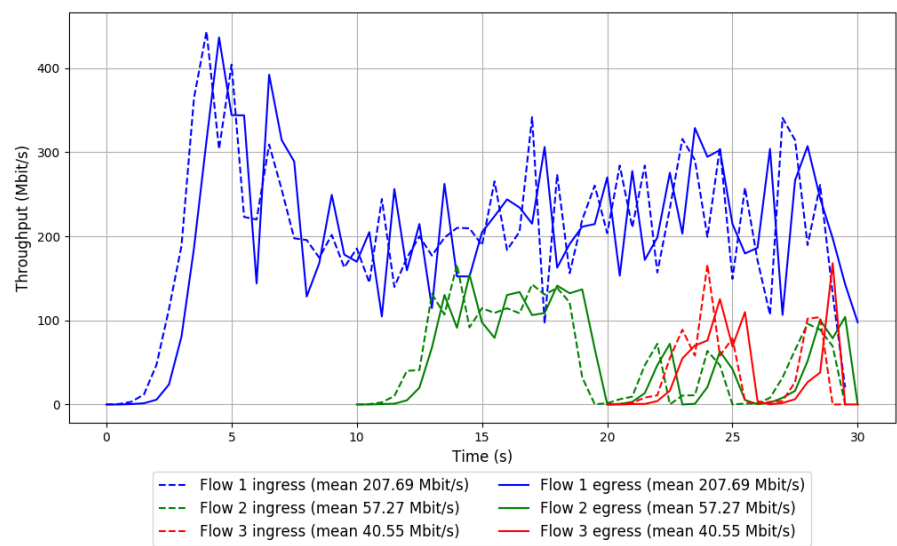
-- Flow 3:

Average throughput: 40.55 Mbit/s

95th percentile per-packet one-way delay: 169.484 ms

Loss rate: 0.00%

Run 3: Report of Verus — Data Link

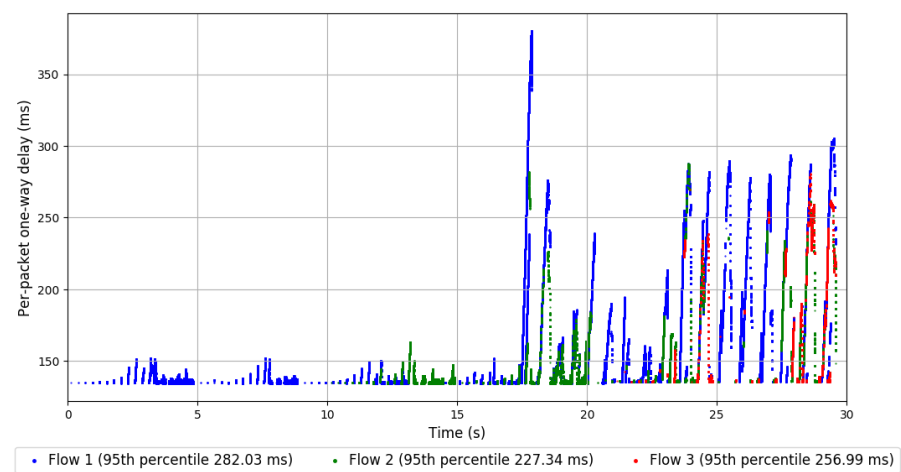
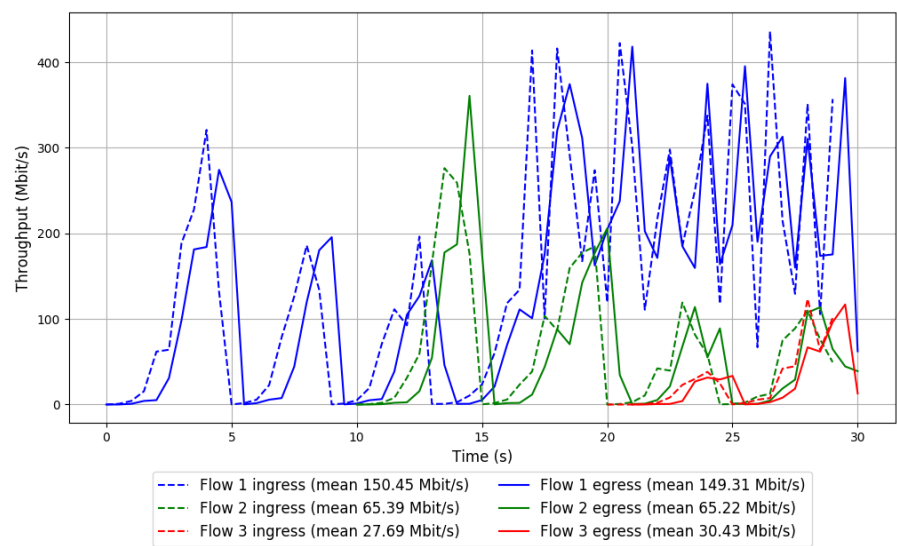


Run 4: Statistics of Verus

Start at: 2018-06-30 17:13:54
End at: 2018-06-30 17:14:24
Local clock offset: 0.128 ms
Remote clock offset: -0.36 ms

Below is generated by plot.py at 2018-06-30 22:11:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 201.04 Mbit/s
95th percentile per-packet one-way delay: 278.166 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 149.31 Mbit/s
95th percentile per-packet one-way delay: 282.033 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 65.22 Mbit/s
95th percentile per-packet one-way delay: 227.339 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 30.43 Mbit/s
95th percentile per-packet one-way delay: 256.991 ms
Loss rate: 1.02%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2018-06-30 17:40:14

End at: 2018-06-30 17:40:44

Local clock offset: 0.049 ms

Remote clock offset: 0.347 ms

Below is generated by plot.py at 2018-06-30 22:11:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 214.61 Mbit/s

95th percentile per-packet one-way delay: 169.453 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 139.33 Mbit/s

95th percentile per-packet one-way delay: 167.429 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 69.88 Mbit/s

95th percentile per-packet one-way delay: 165.171 ms

Loss rate: 0.00%

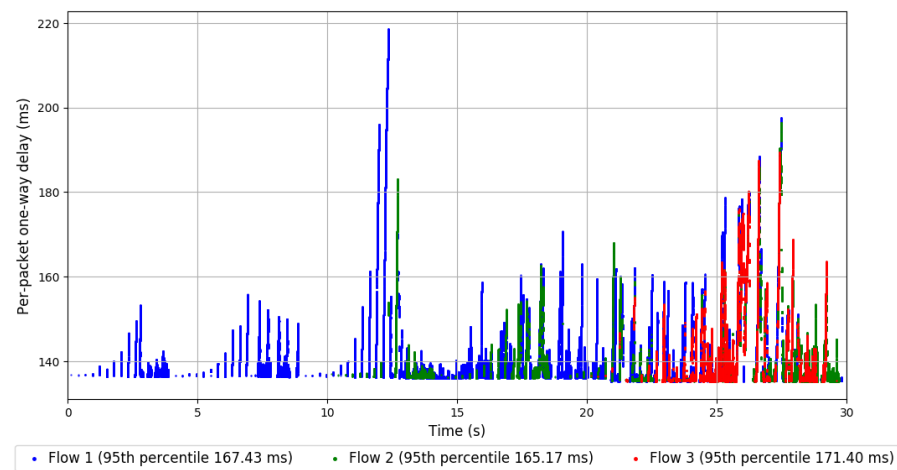
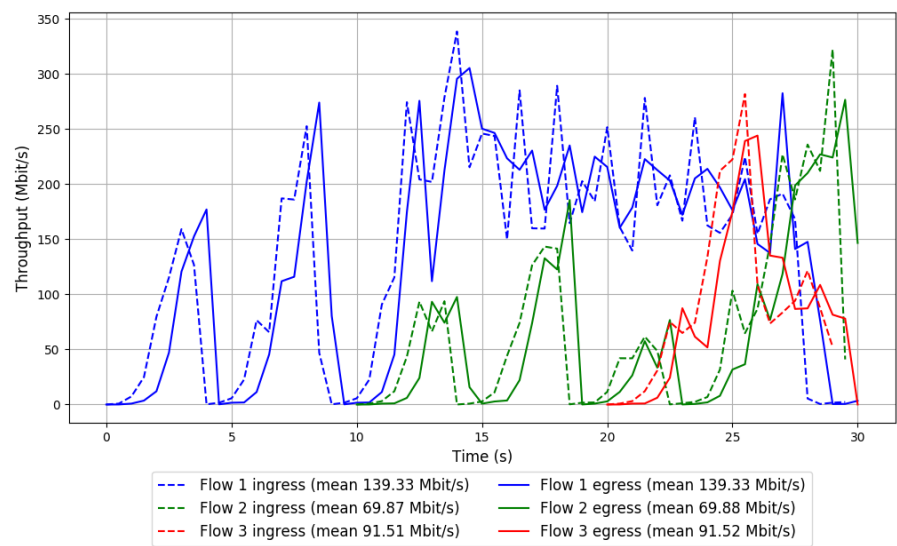
-- Flow 3:

Average throughput: 91.52 Mbit/s

95th percentile per-packet one-way delay: 171.404 ms

Loss rate: 0.00%

Run 5: Report of Verus — Data Link

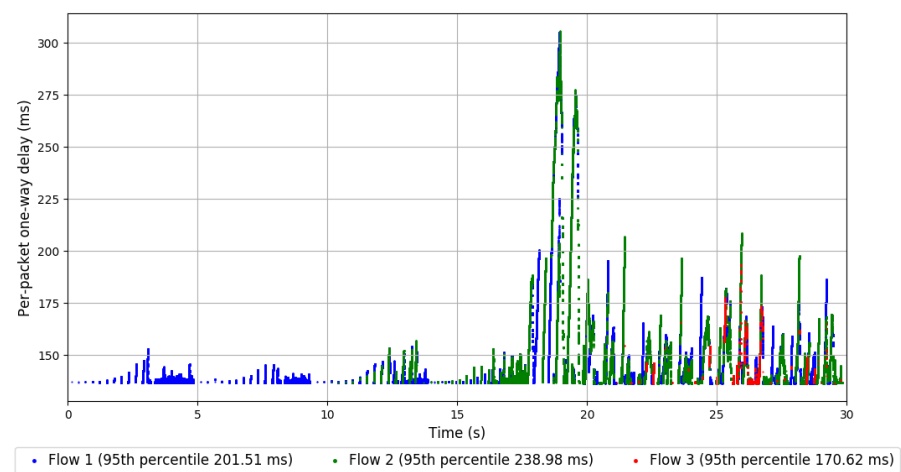
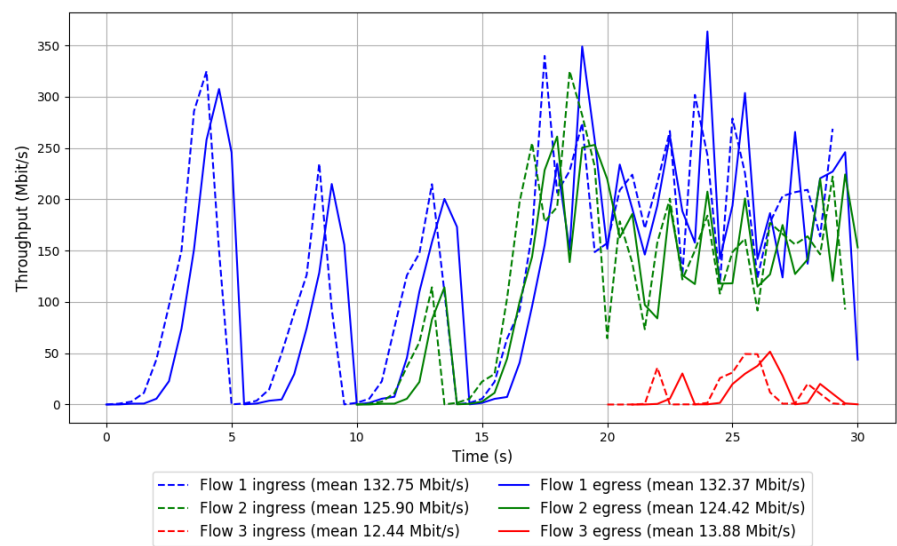


Run 6: Statistics of Verus

Start at: 2018-06-30 18:06:35
End at: 2018-06-30 18:07:05
Local clock offset: -0.068 ms
Remote clock offset: -0.058 ms

Below is generated by plot.py at 2018-06-30 22:11:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 217.87 Mbit/s
95th percentile per-packet one-way delay: 212.788 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 132.37 Mbit/s
95th percentile per-packet one-way delay: 201.507 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 124.42 Mbit/s
95th percentile per-packet one-way delay: 238.980 ms
Loss rate: 1.17%
-- Flow 3:
Average throughput: 13.88 Mbit/s
95th percentile per-packet one-way delay: 170.624 ms
Loss rate: 0.01%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2018-06-30 18:32:35

End at: 2018-06-30 18:33:05

Local clock offset: 0.295 ms

Remote clock offset: 0.446 ms

Below is generated by plot.py at 2018-06-30 22:12:15

Datalink statistics

-- Total of 3 flows:

Average throughput: 236.57 Mbit/s

95th percentile per-packet one-way delay: 326.509 ms

Loss rate: 1.65%

-- Flow 1:

Average throughput: 74.27 Mbit/s

95th percentile per-packet one-way delay: 228.721 ms

Loss rate: 0.17%

-- Flow 2:

Average throughput: 220.26 Mbit/s

95th percentile per-packet one-way delay: 335.260 ms

Loss rate: 2.55%

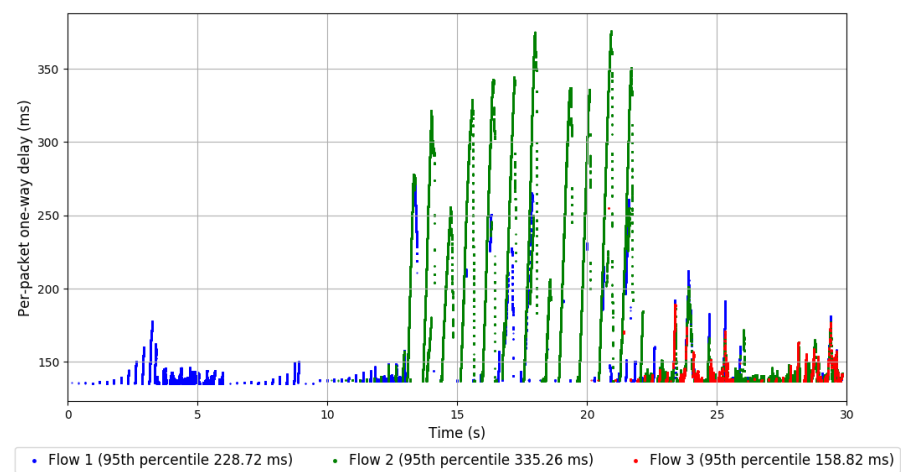
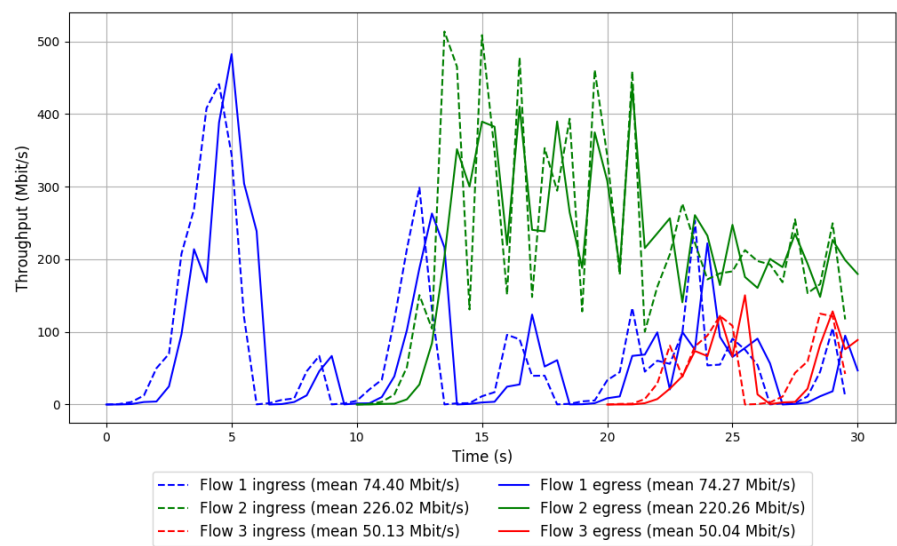
-- Flow 3:

Average throughput: 50.04 Mbit/s

95th percentile per-packet one-way delay: 158.819 ms

Loss rate: 0.18%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: 2018-06-30 18:58:30

End at: 2018-06-30 18:59:00

Local clock offset: -0.032 ms

Remote clock offset: 0.061 ms

Below is generated by plot.py at 2018-06-30 22:13:21

Datalink statistics

-- Total of 3 flows:

Average throughput: 232.80 Mbit/s

95th percentile per-packet one-way delay: 188.738 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 173.04 Mbit/s

95th percentile per-packet one-way delay: 206.380 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 60.35 Mbit/s

95th percentile per-packet one-way delay: 168.133 ms

Loss rate: 0.00%

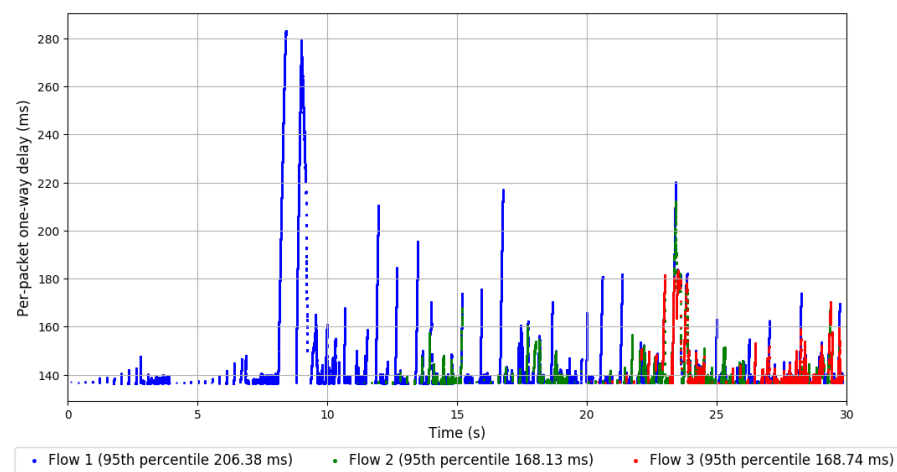
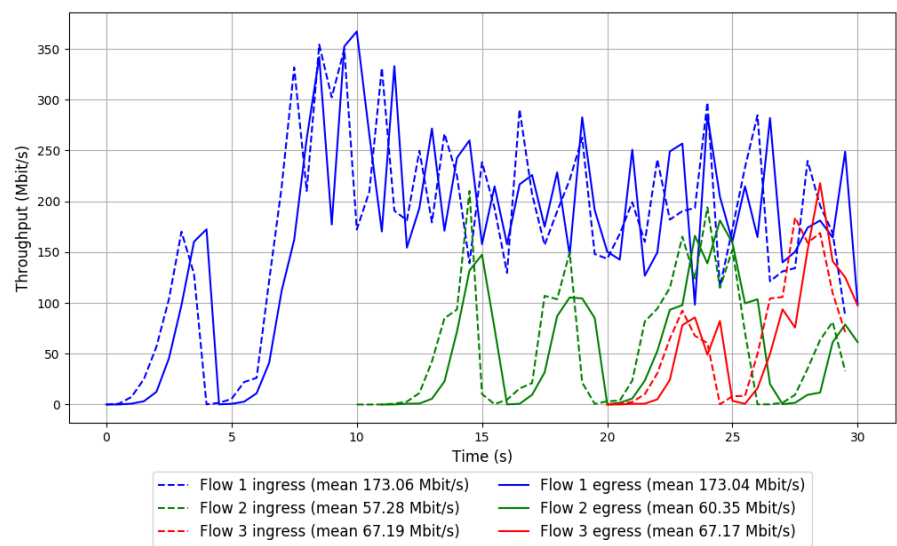
-- Flow 3:

Average throughput: 67.17 Mbit/s

95th percentile per-packet one-way delay: 168.740 ms

Loss rate: 0.00%

Run 8: Report of Verus — Data Link

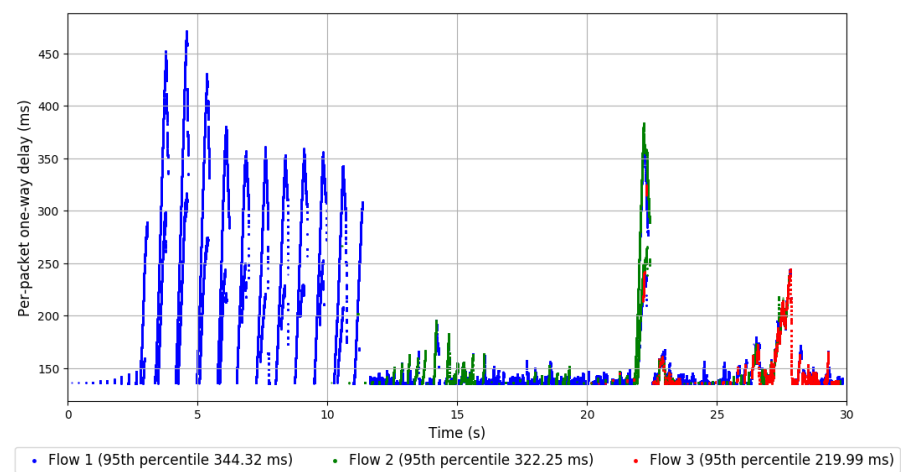
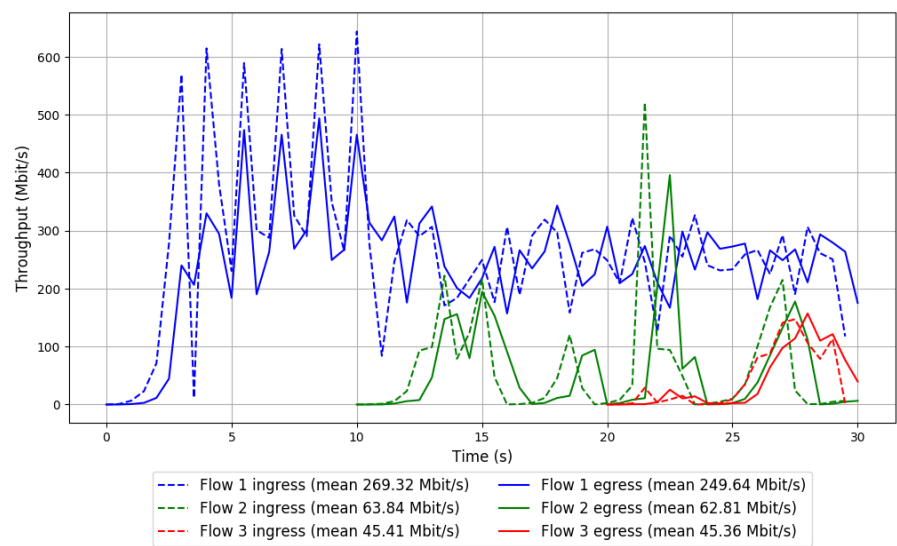


Run 9: Statistics of Verus

Start at: 2018-06-30 19:24:47
End at: 2018-06-30 19:25:17
Local clock offset: 0.224 ms
Remote clock offset: -0.312 ms

Below is generated by plot.py at 2018-06-30 22:14:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 305.62 Mbit/s
95th percentile per-packet one-way delay: 341.581 ms
Loss rate: 6.24%
-- Flow 1:
Average throughput: 249.64 Mbit/s
95th percentile per-packet one-way delay: 344.324 ms
Loss rate: 7.29%
-- Flow 2:
Average throughput: 62.81 Mbit/s
95th percentile per-packet one-way delay: 322.252 ms
Loss rate: 1.60%
-- Flow 3:
Average throughput: 45.36 Mbit/s
95th percentile per-packet one-way delay: 219.988 ms
Loss rate: 0.09%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: 2018-06-30 19:51:25

End at: 2018-06-30 19:51:55

Local clock offset: 0.23 ms

Remote clock offset: 0.041 ms

Below is generated by plot.py at 2018-06-30 22:14:27

Datalink statistics

-- Total of 3 flows:

Average throughput: 118.25 Mbit/s

95th percentile per-packet one-way delay: 203.131 ms

Loss rate: 2.17%

-- Flow 1:

Average throughput: 62.85 Mbit/s

95th percentile per-packet one-way delay: 296.166 ms

Loss rate: 3.68%

-- Flow 2:

Average throughput: 50.60 Mbit/s

95th percentile per-packet one-way delay: 177.020 ms

Loss rate: 0.66%

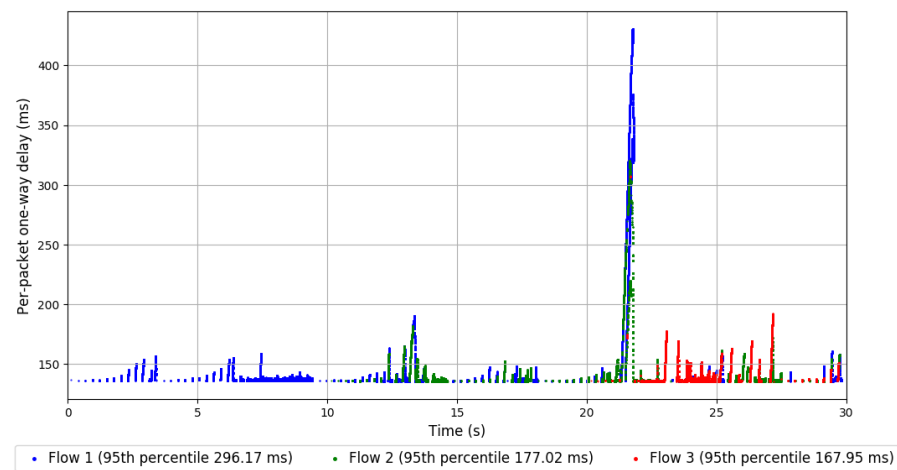
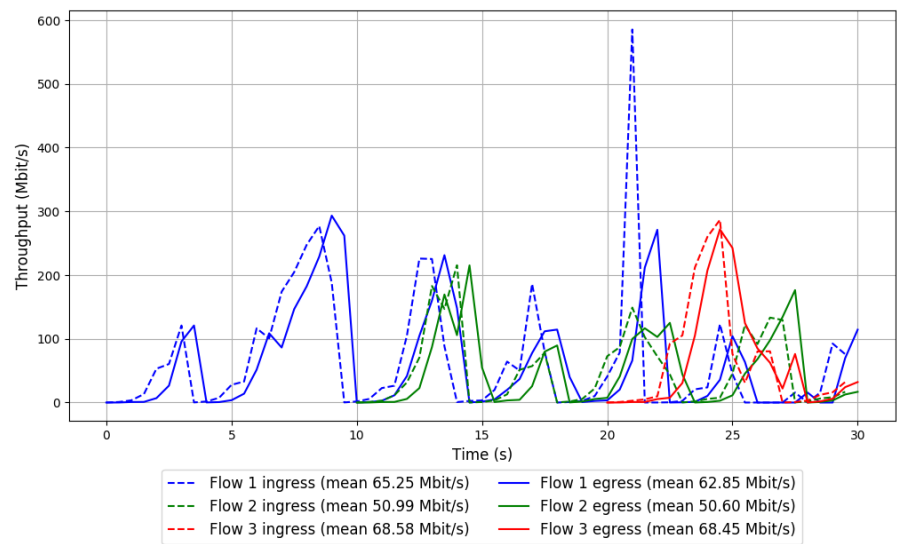
-- Flow 3:

Average throughput: 68.45 Mbit/s

95th percentile per-packet one-way delay: 167.953 ms

Loss rate: 0.03%

Run 10: Report of Verus — Data Link



Run 1: Statistics of PCC-Vivace

Start at: 2018-06-30 16:09:13

End at: 2018-06-30 16:09:43

Local clock offset: -0.399 ms

Remote clock offset: 0.06 ms

Below is generated by plot.py at 2018-06-30 22:18:27

Datalink statistics

-- Total of 3 flows:

Average throughput: 449.37 Mbit/s

95th percentile per-packet one-way delay: 138.357 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 273.04 Mbit/s

95th percentile per-packet one-way delay: 140.088 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 201.16 Mbit/s

95th percentile per-packet one-way delay: 137.809 ms

Loss rate: 0.01%

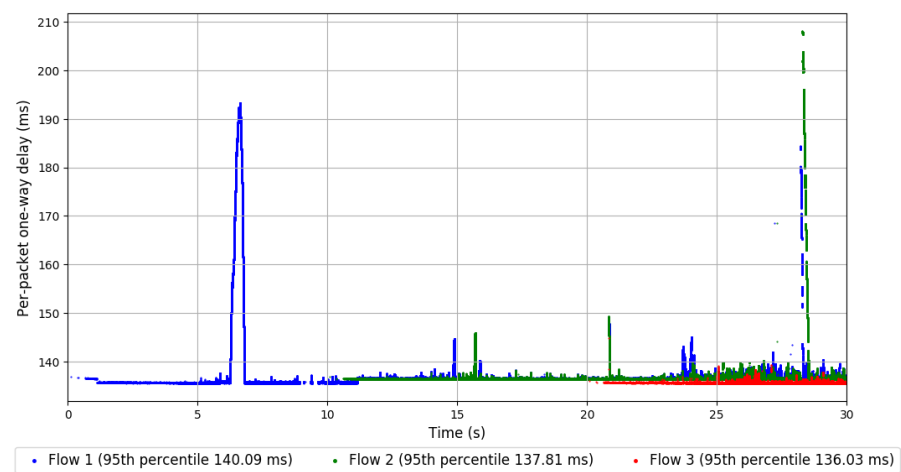
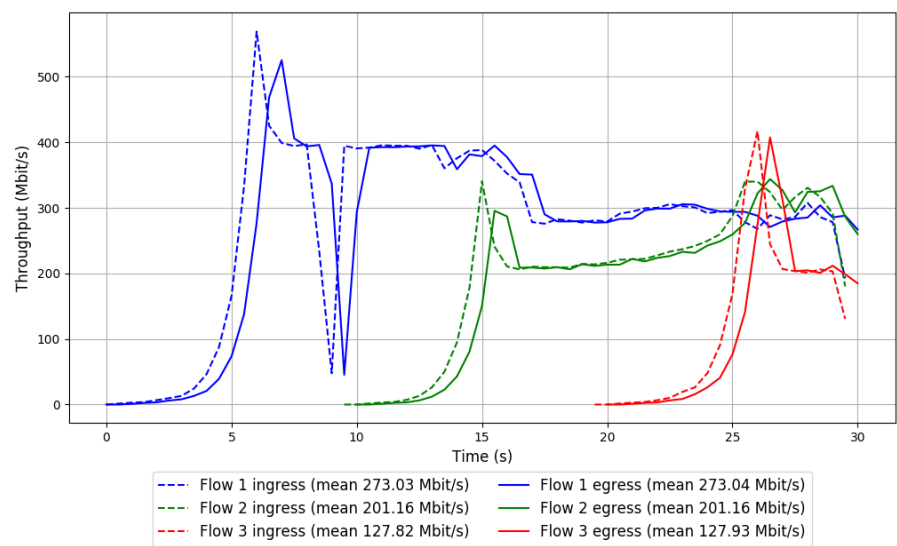
-- Flow 3:

Average throughput: 127.93 Mbit/s

95th percentile per-packet one-way delay: 136.029 ms

Loss rate: 0.00%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2018-06-30 16:35:21

End at: 2018-06-30 16:35:51

Local clock offset: -0.616 ms

Remote clock offset: 0.103 ms

Below is generated by plot.py at 2018-06-30 22:19:31

Datalink statistics

-- Total of 3 flows:

Average throughput: 499.26 Mbit/s

95th percentile per-packet one-way delay: 137.893 ms

Loss rate: 0.31%

-- Flow 1:

Average throughput: 292.36 Mbit/s

95th percentile per-packet one-way delay: 136.995 ms

Loss rate: 0.19%

-- Flow 2:

Average throughput: 252.93 Mbit/s

95th percentile per-packet one-way delay: 160.679 ms

Loss rate: 0.31%

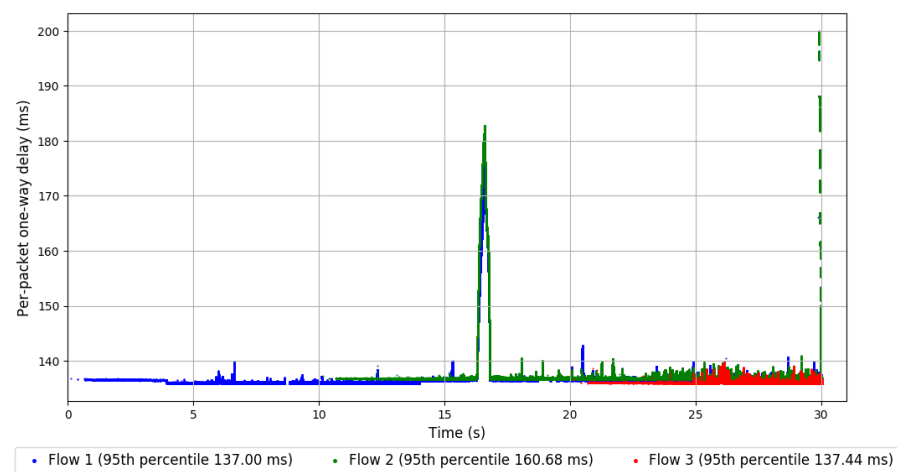
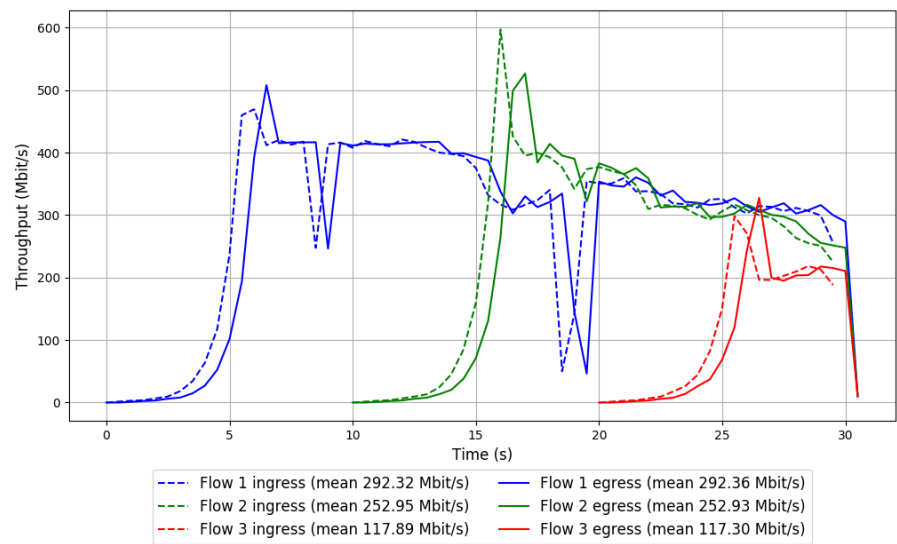
-- Flow 3:

Average throughput: 117.30 Mbit/s

95th percentile per-packet one-way delay: 137.441 ms

Loss rate: 1.11%

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

Start at: 2018-06-30 17:01:09

End at: 2018-06-30 17:01:39

Local clock offset: 0.394 ms

Remote clock offset: 0.095 ms

Below is generated by plot.py at 2018-06-30 22:19:31

Datalink statistics

-- Total of 3 flows:

Average throughput: 414.55 Mbit/s

95th percentile per-packet one-way delay: 135.891 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 249.24 Mbit/s

95th percentile per-packet one-way delay: 135.839 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 191.97 Mbit/s

95th percentile per-packet one-way delay: 135.690 ms

Loss rate: 0.00%

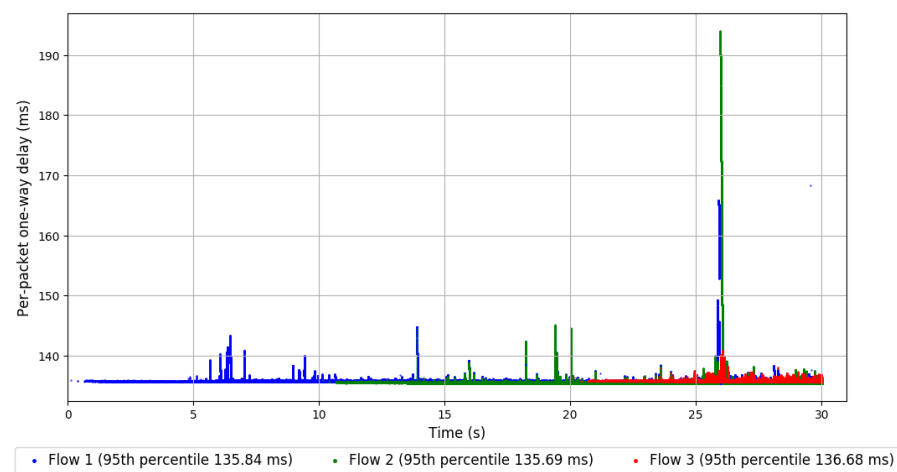
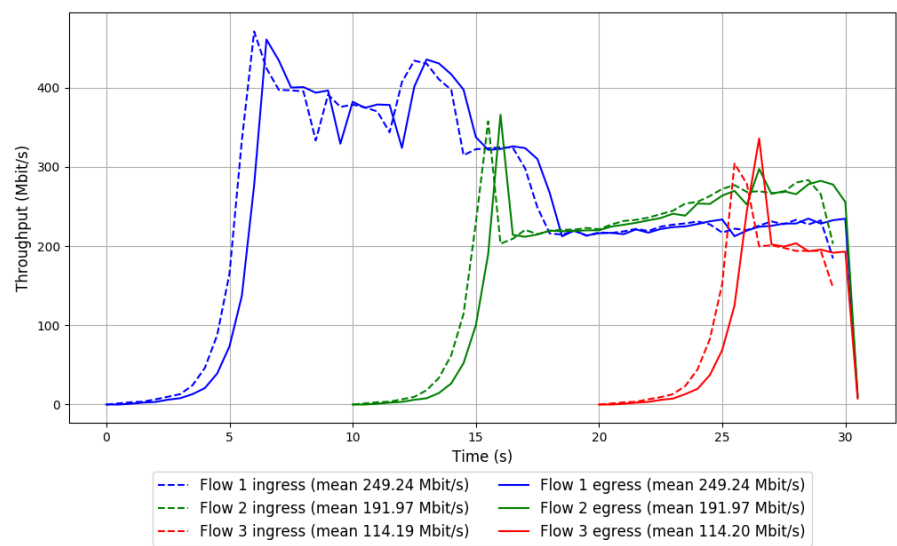
-- Flow 3:

Average throughput: 114.20 Mbit/s

95th percentile per-packet one-way delay: 136.675 ms

Loss rate: 0.00%

Run 3: Report of PCC-Vivace — Data Link



Run 4: Statistics of PCC-Vivace

Start at: 2018-06-30 17:27:16

End at: 2018-06-30 17:27:46

Local clock offset: 0.146 ms

Remote clock offset: 0.036 ms

Below is generated by plot.py at 2018-06-30 22:20:13

Datalink statistics

-- Total of 3 flows:

Average throughput: 452.08 Mbit/s

95th percentile per-packet one-way delay: 136.421 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 291.43 Mbit/s

95th percentile per-packet one-way delay: 136.232 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 187.03 Mbit/s

95th percentile per-packet one-way delay: 136.415 ms

Loss rate: 0.00%

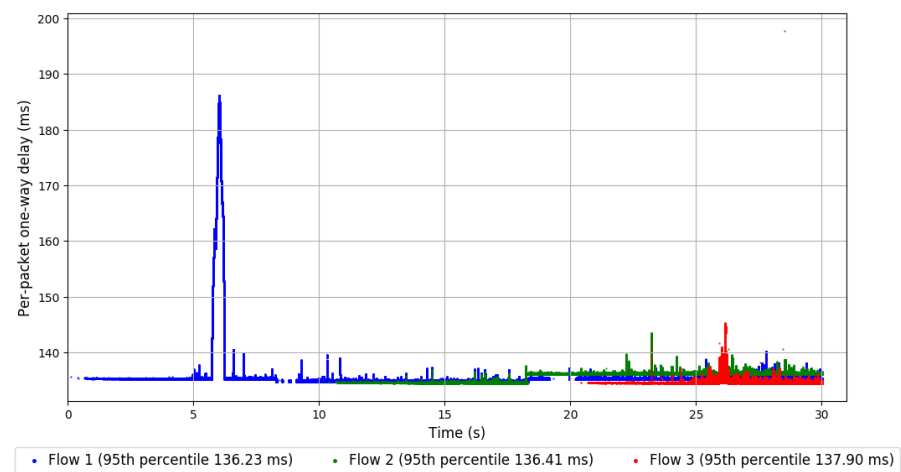
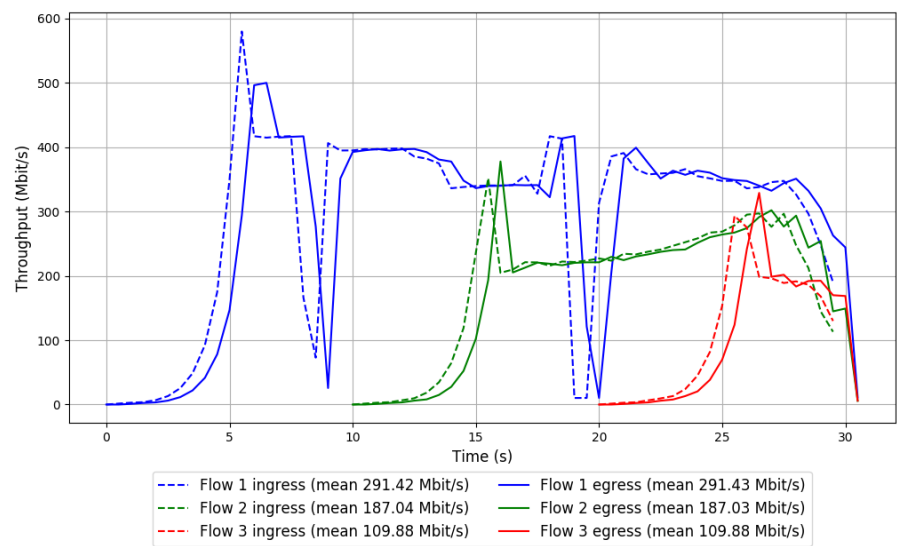
-- Flow 3:

Average throughput: 109.88 Mbit/s

95th percentile per-packet one-way delay: 137.898 ms

Loss rate: 0.00%

Run 4: Report of PCC-Vivace — Data Link

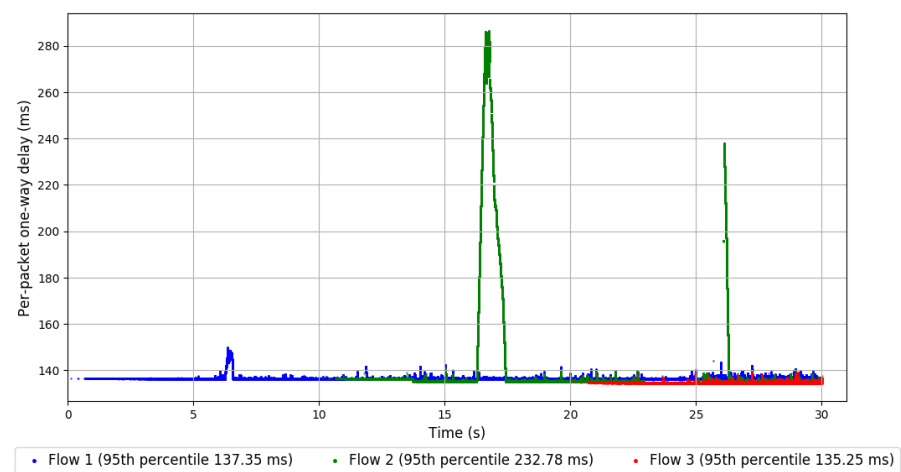
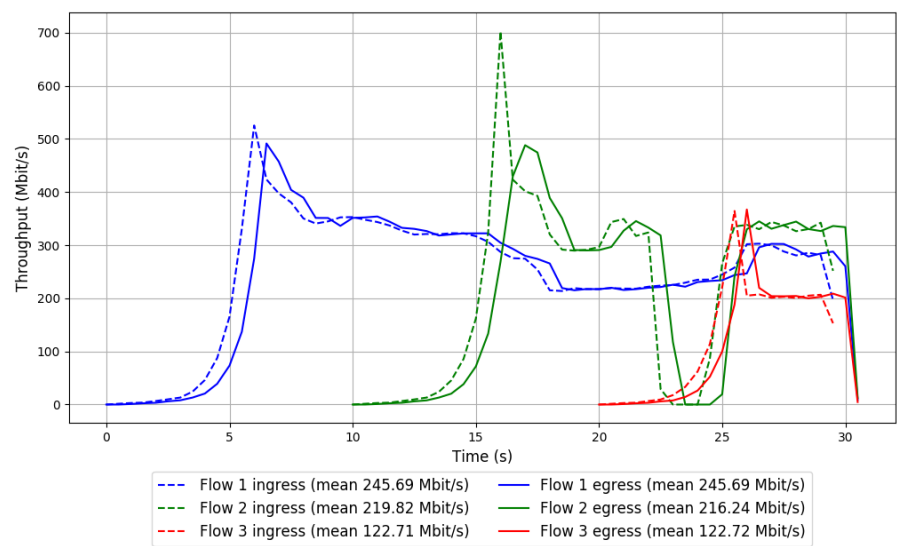


Run 5: Statistics of PCC-Vivace

Start at: 2018-06-30 17:53:51
End at: 2018-06-30 17:54:21
Local clock offset: 0.1 ms
Remote clock offset: -0.023 ms

Below is generated by plot.py at 2018-06-30 22:20:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 429.95 Mbit/s
95th percentile per-packet one-way delay: 147.235 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 245.69 Mbit/s
95th percentile per-packet one-way delay: 137.352 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 216.24 Mbit/s
95th percentile per-packet one-way delay: 232.778 ms
Loss rate: 1.62%
-- Flow 3:
Average throughput: 122.72 Mbit/s
95th percentile per-packet one-way delay: 135.253 ms
Loss rate: 0.00%

Run 5: Report of PCC-Vivace — Data Link

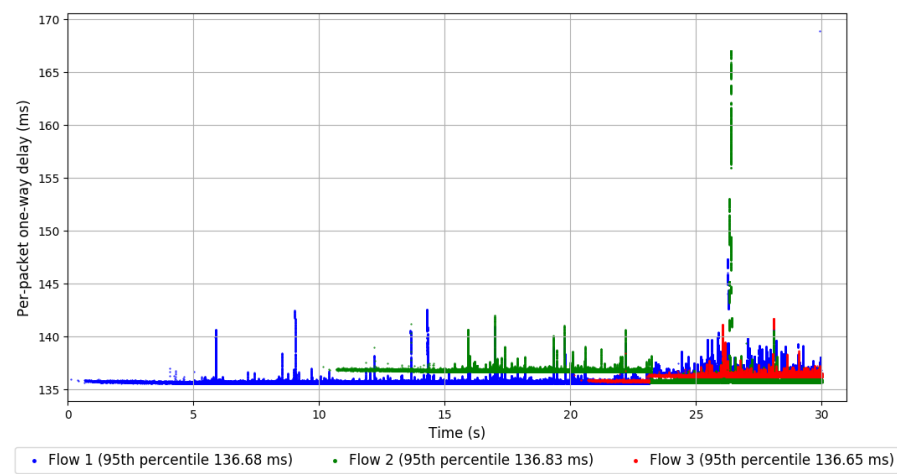
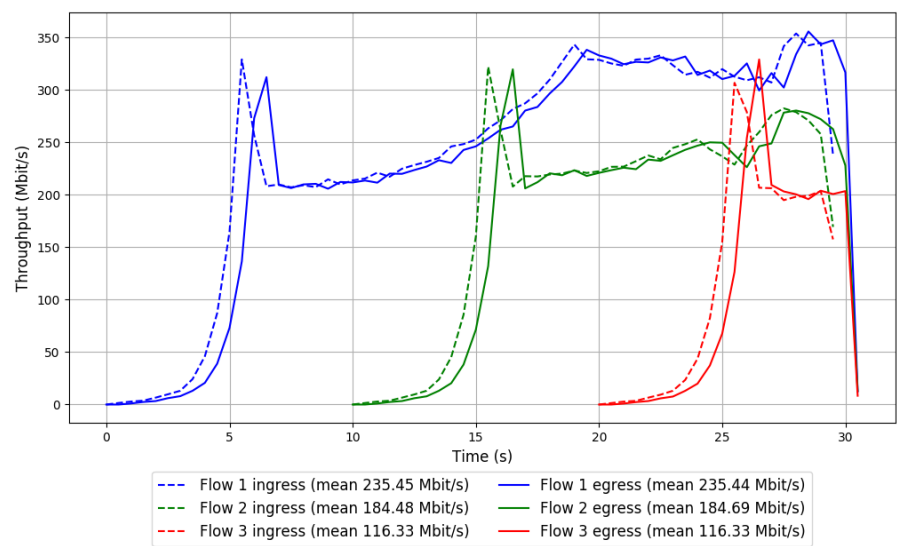


Run 6: Statistics of PCC-Vivace

Start at: 2018-06-30 18:19:51
End at: 2018-06-30 18:20:21
Local clock offset: 0.021 ms
Remote clock offset: -0.047 ms

Below is generated by plot.py at 2018-06-30 22:20:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 396.59 Mbit/s
95th percentile per-packet one-way delay: 136.806 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 235.44 Mbit/s
95th percentile per-packet one-way delay: 136.676 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 184.69 Mbit/s
95th percentile per-packet one-way delay: 136.830 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 116.33 Mbit/s
95th percentile per-packet one-way delay: 136.646 ms
Loss rate: 0.00%

Run 6: Report of PCC-Vivace — Data Link



Run 7: Statistics of PCC-Vivace

Start at: 2018-06-30 18:45:52

End at: 2018-06-30 18:46:22

Local clock offset: 0.132 ms

Remote clock offset: 0.056 ms

Below is generated by plot.py at 2018-06-30 22:21:10

Datalink statistics

-- Total of 3 flows:

Average throughput: 468.86 Mbit/s

95th percentile per-packet one-way delay: 145.361 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 293.27 Mbit/s

95th percentile per-packet one-way delay: 155.915 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 158.12 Mbit/s

95th percentile per-packet one-way delay: 135.720 ms

Loss rate: 0.00%

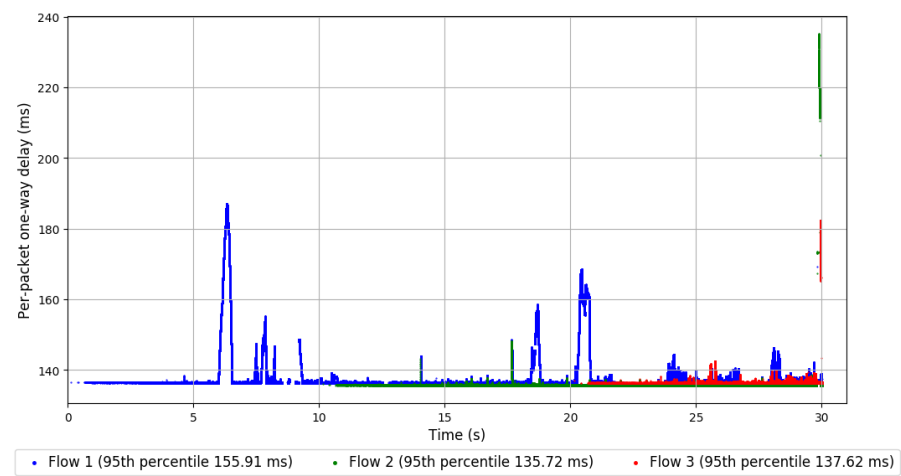
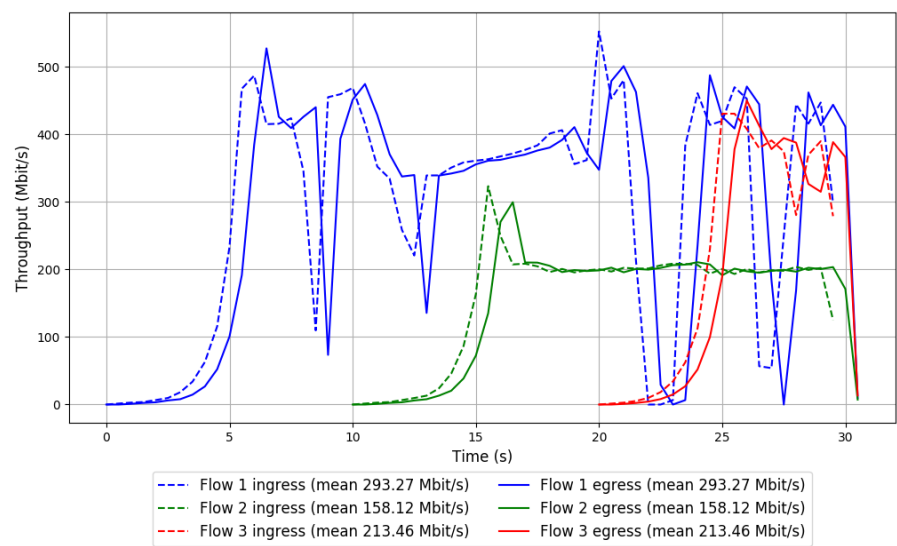
-- Flow 3:

Average throughput: 213.46 Mbit/s

95th percentile per-packet one-way delay: 137.618 ms

Loss rate: 0.01%

Run 7: Report of PCC-Vivace — Data Link

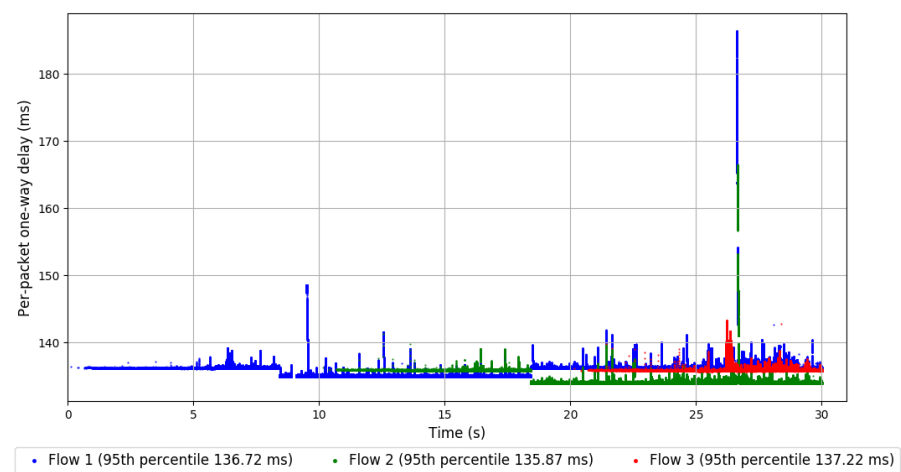
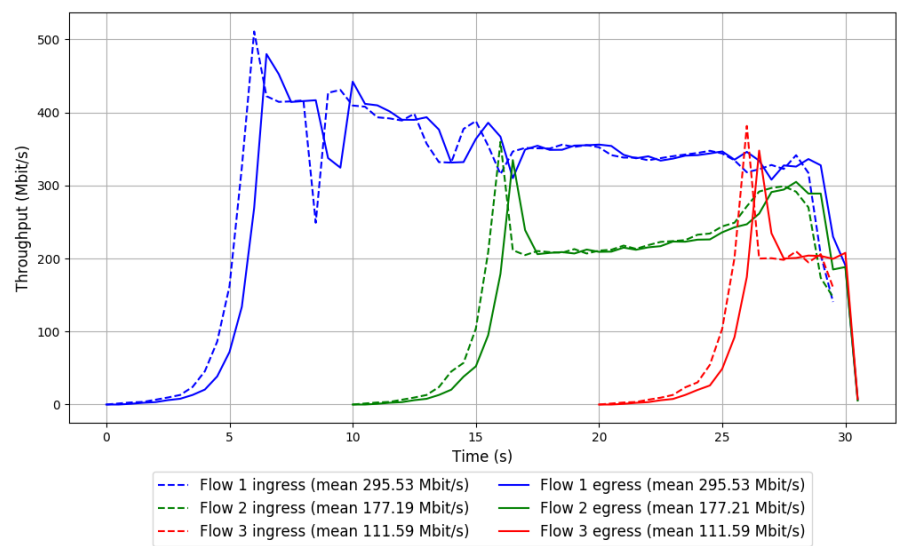


Run 8: Statistics of PCC-Vivace

Start at: 2018-06-30 19:11:56
End at: 2018-06-30 19:12:26
Local clock offset: 0.325 ms
Remote clock offset: -0.299 ms

Below is generated by plot.py at 2018-06-30 22:21:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 450.17 Mbit/s
95th percentile per-packet one-way delay: 136.522 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 295.53 Mbit/s
95th percentile per-packet one-way delay: 136.717 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 177.21 Mbit/s
95th percentile per-packet one-way delay: 135.868 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 111.59 Mbit/s
95th percentile per-packet one-way delay: 137.218 ms
Loss rate: 0.00%

Run 8: Report of PCC-Vivace — Data Link



Run 9: Statistics of PCC-Vivace

Start at: 2018-06-30 19:38:31

End at: 2018-06-30 19:39:01

Local clock offset: 0.278 ms

Remote clock offset: 0.395 ms

Below is generated by plot.py at 2018-06-30 22:22:15

Datalink statistics

-- Total of 3 flows:

Average throughput: 462.75 Mbit/s

95th percentile per-packet one-way delay: 136.963 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 302.55 Mbit/s

95th percentile per-packet one-way delay: 136.934 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 183.47 Mbit/s

95th percentile per-packet one-way delay: 136.951 ms

Loss rate: 0.00%

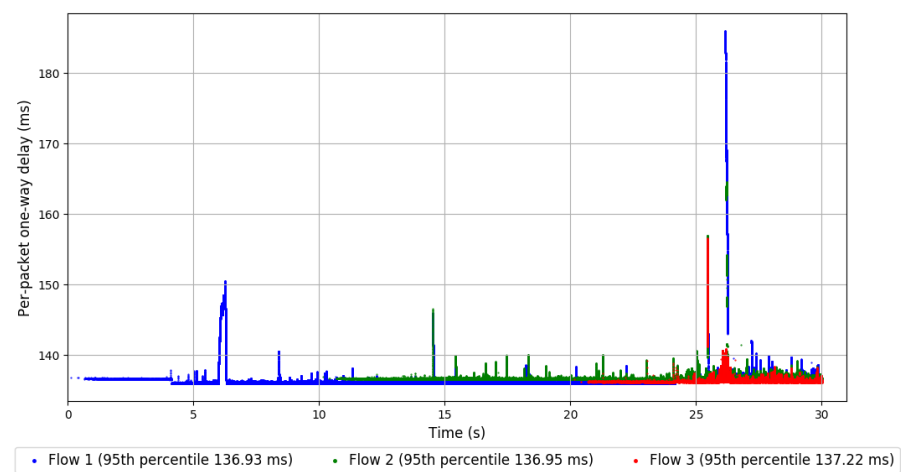
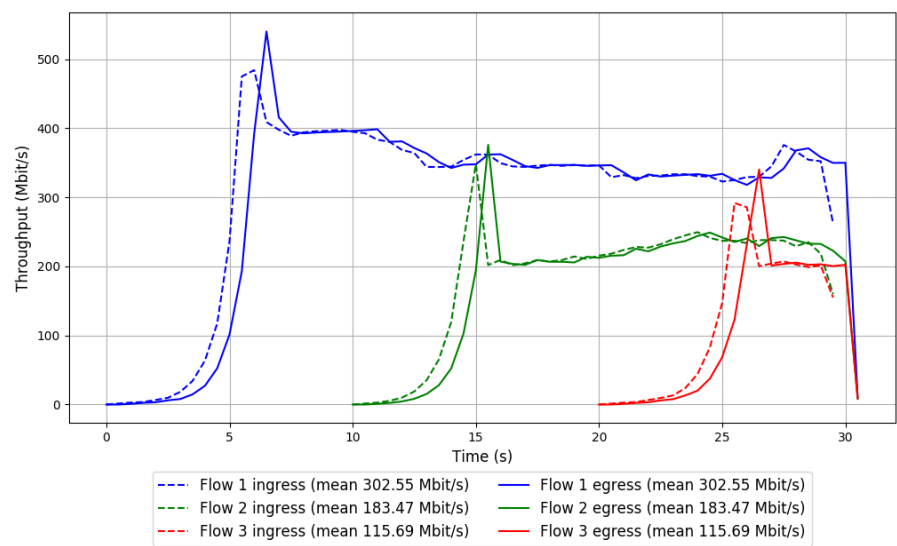
-- Flow 3:

Average throughput: 115.69 Mbit/s

95th percentile per-packet one-way delay: 137.220 ms

Loss rate: 0.00%

Run 9: Report of PCC-Vivace — Data Link



Run 10: Statistics of PCC-Vivace

Start at: 2018-06-30 20:04:45

End at: 2018-06-30 20:05:15

Local clock offset: -0.095 ms

Remote clock offset: 0.058 ms

Below is generated by plot.py at 2018-06-30 22:22:18

Datalink statistics

-- Total of 3 flows:

Average throughput: 464.72 Mbit/s

95th percentile per-packet one-way delay: 136.568 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 303.26 Mbit/s

95th percentile per-packet one-way delay: 136.571 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 183.25 Mbit/s

95th percentile per-packet one-way delay: 136.536 ms

Loss rate: 0.00%

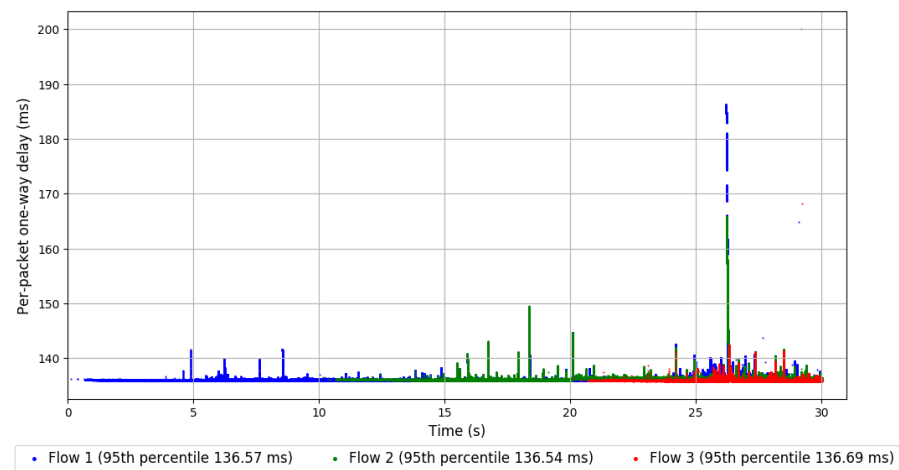
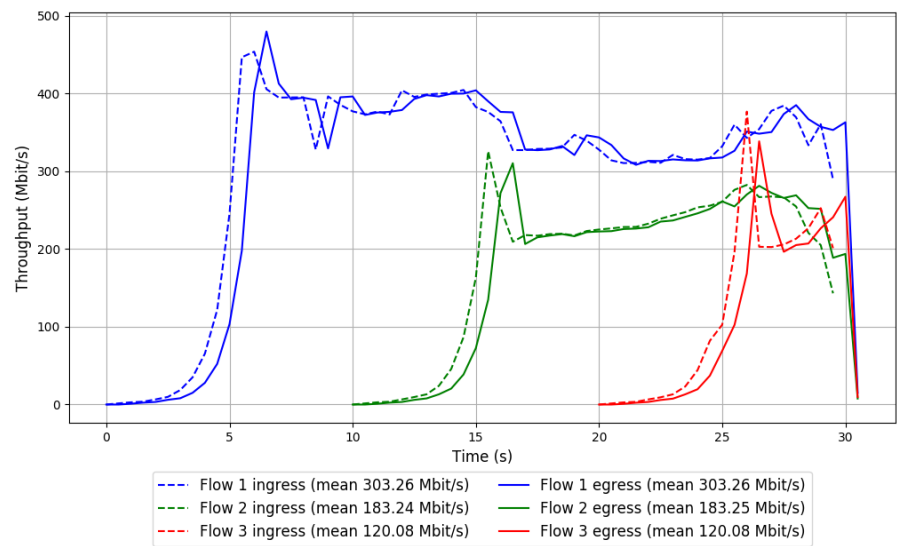
-- Flow 3:

Average throughput: 120.08 Mbit/s

95th percentile per-packet one-way delay: 136.690 ms

Loss rate: 0.00%

Run 10: Report of PCC-Vivace — Data Link

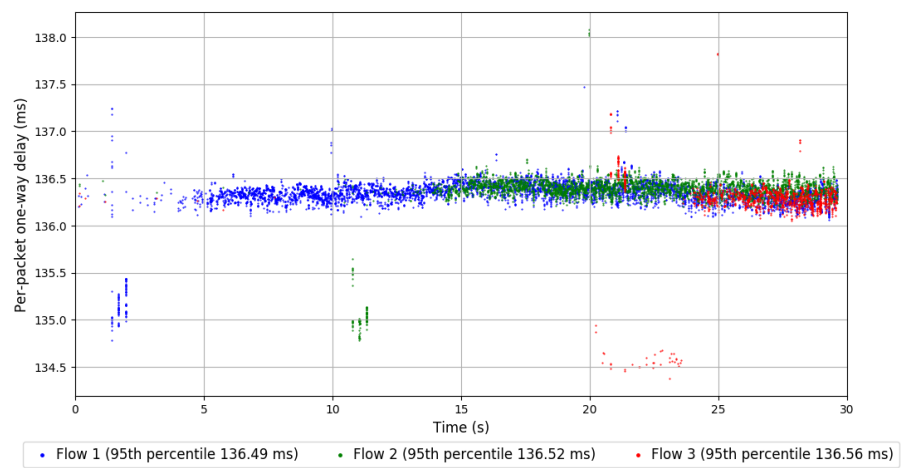
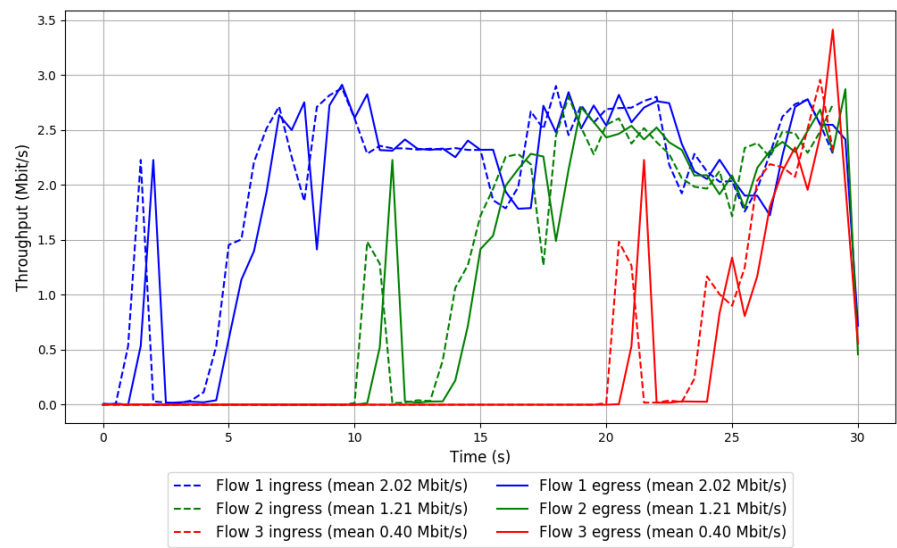


Run 1: Statistics of WebRTC media

Start at: 2018-06-30 15:57:51
End at: 2018-06-30 15:58:21
Local clock offset: -0.281 ms
Remote clock offset: -0.004 ms

Below is generated by plot.py at 2018-06-30 22:22:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.63 Mbit/s
95th percentile per-packet one-way delay: 136.508 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.02 Mbit/s
95th percentile per-packet one-way delay: 136.493 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.21 Mbit/s
95th percentile per-packet one-way delay: 136.523 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 136.556 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2018-06-30 16:23:18

End at: 2018-06-30 16:23:48

Local clock offset: -0.428 ms

Remote clock offset: 0.108 ms

Below is generated by plot.py at 2018-06-30 22:22:18

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.23 Mbit/s

95th percentile per-packet one-way delay: 136.612 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 1.81 Mbit/s

95th percentile per-packet one-way delay: 136.631 ms

Loss rate: 0.02%

-- Flow 2:

Average throughput: 1.08 Mbit/s

95th percentile per-packet one-way delay: 136.270 ms

Loss rate: 0.00%

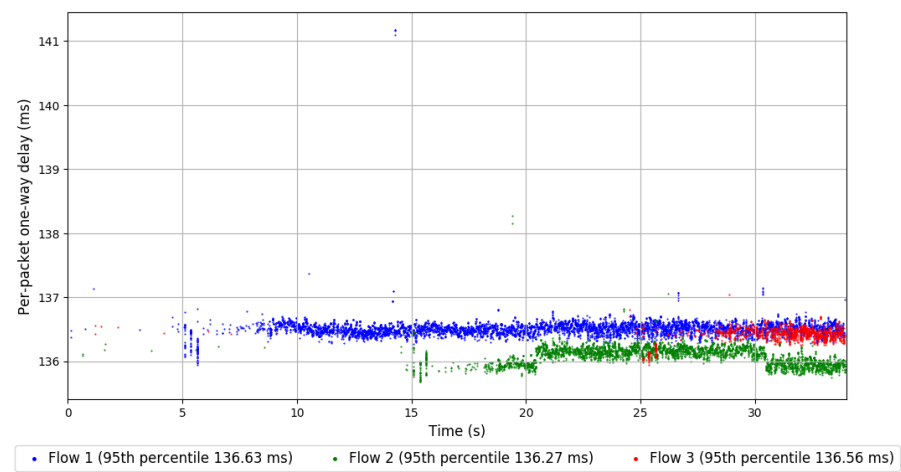
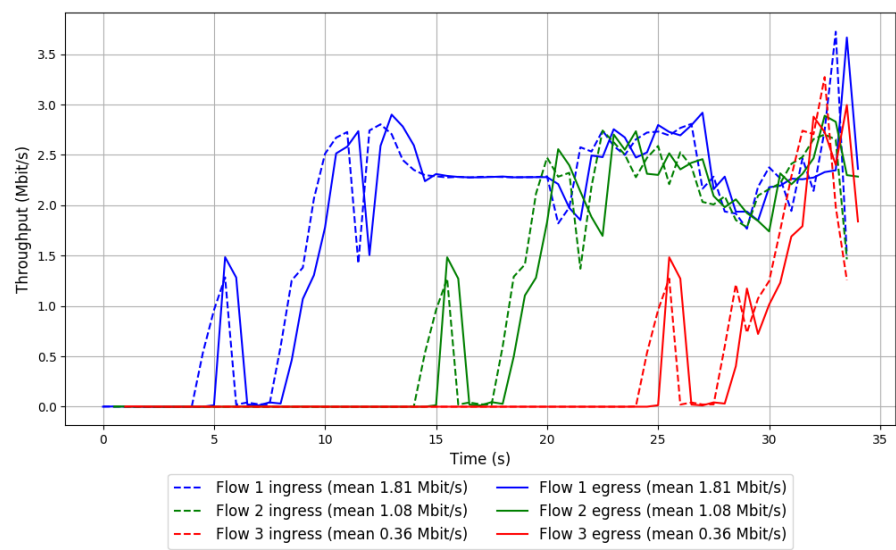
-- Flow 3:

Average throughput: 0.36 Mbit/s

95th percentile per-packet one-way delay: 136.565 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2018-06-30 16:49:29

End at: 2018-06-30 16:49:59

Local clock offset: 0.261 ms

Remote clock offset: 0.485 ms

Below is generated by plot.py at 2018-06-30 22:22:18

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.20 Mbit/s

95th percentile per-packet one-way delay: 136.842 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.79 Mbit/s

95th percentile per-packet one-way delay: 135.092 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.07 Mbit/s

95th percentile per-packet one-way delay: 136.885 ms

Loss rate: 0.00%

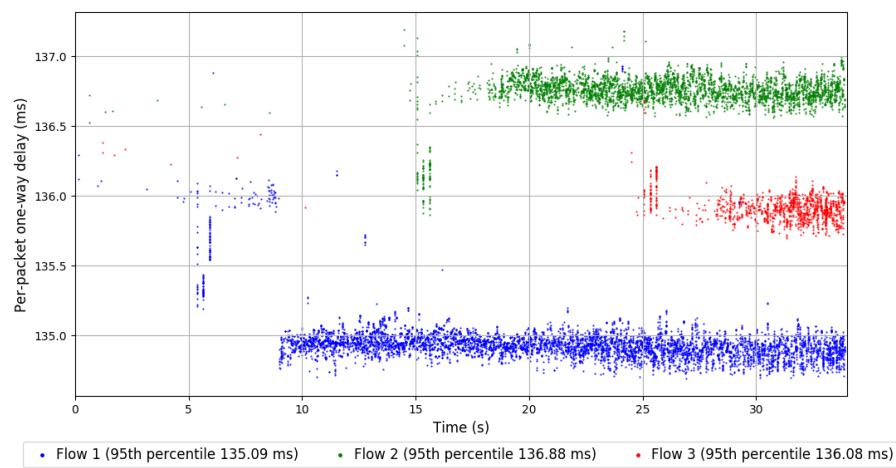
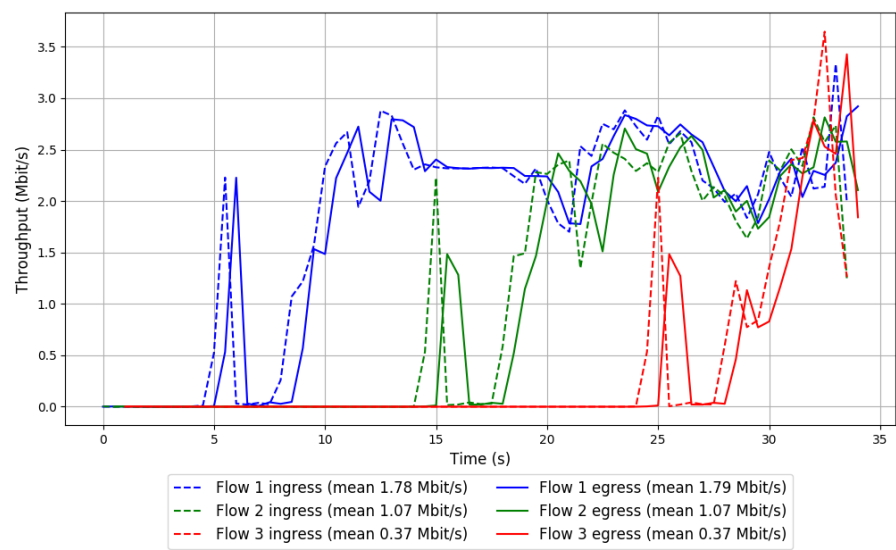
-- Flow 3:

Average throughput: 0.37 Mbit/s

95th percentile per-packet one-way delay: 136.076 ms

Loss rate: 0.01%

Run 3: Report of WebRTC media — Data Link

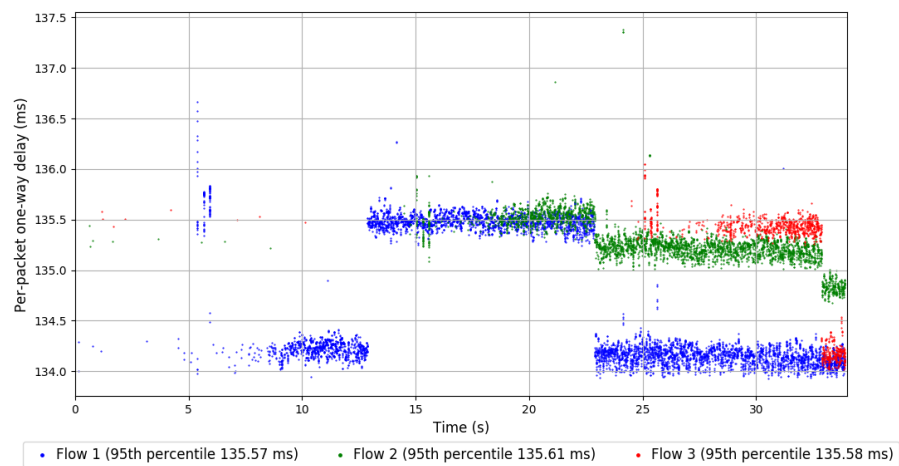
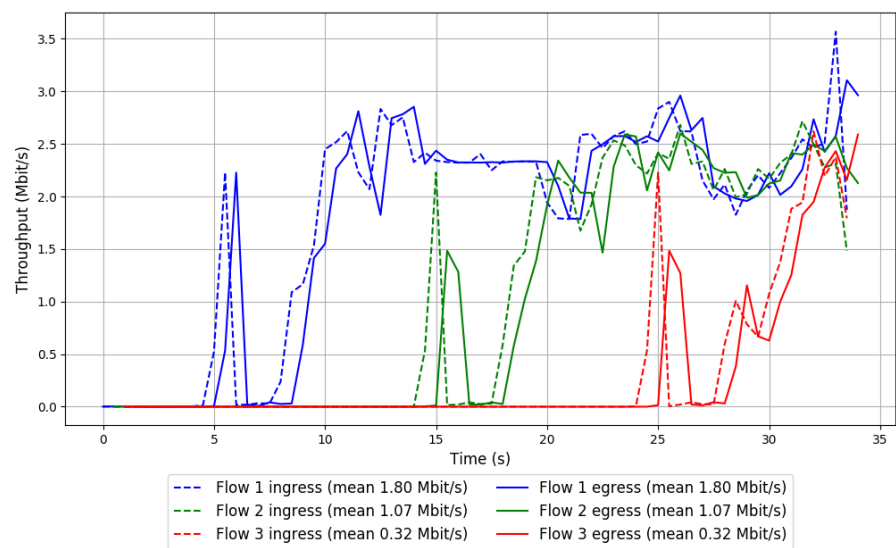


Run 4: Statistics of WebRTC media

Start at: 2018-06-30 17:15:26
End at: 2018-06-30 17:15:56
Local clock offset: 0.389 ms
Remote clock offset: -0.331 ms

```
# Below is generated by plot.py at 2018-06-30 22:22:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.17 Mbit/s
95th percentile per-packet one-way delay: 135.582 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.80 Mbit/s
95th percentile per-packet one-way delay: 135.571 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.07 Mbit/s
95th percentile per-packet one-way delay: 135.606 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 135.582 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2018-06-30 17:41:47

End at: 2018-06-30 17:42:17

Local clock offset: 0.119 ms

Remote clock offset: 0.007 ms

Below is generated by plot.py at 2018-06-30 22:22:18

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.20 Mbit/s

95th percentile per-packet one-way delay: 136.672 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.81 Mbit/s

95th percentile per-packet one-way delay: 135.830 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.08 Mbit/s

95th percentile per-packet one-way delay: 136.718 ms

Loss rate: 0.00%

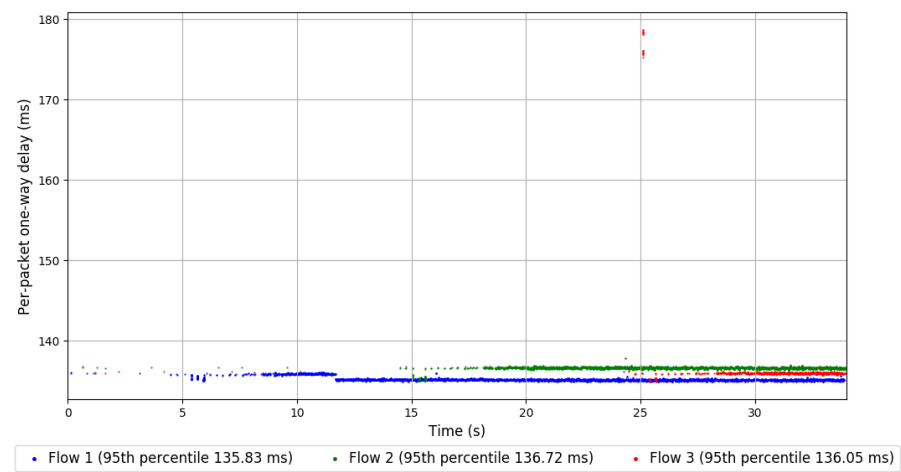
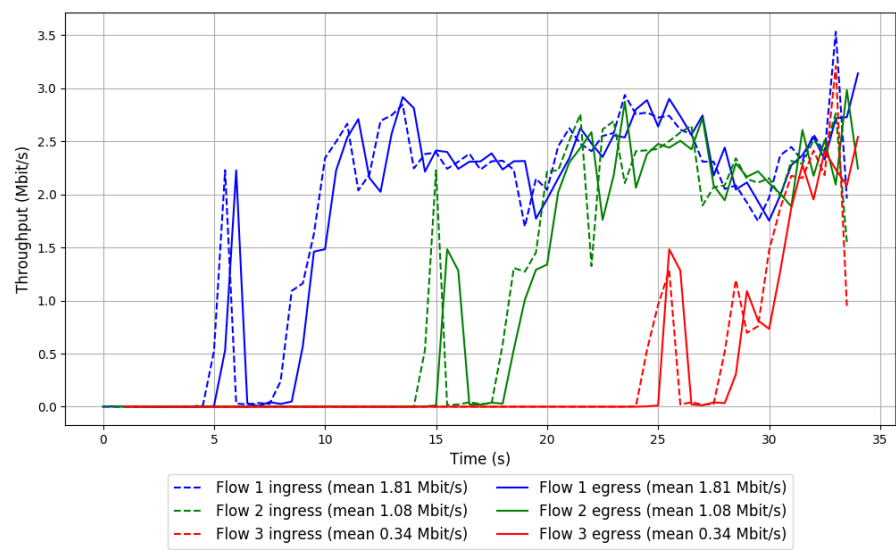
-- Flow 3:

Average throughput: 0.34 Mbit/s

95th percentile per-packet one-way delay: 136.051 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

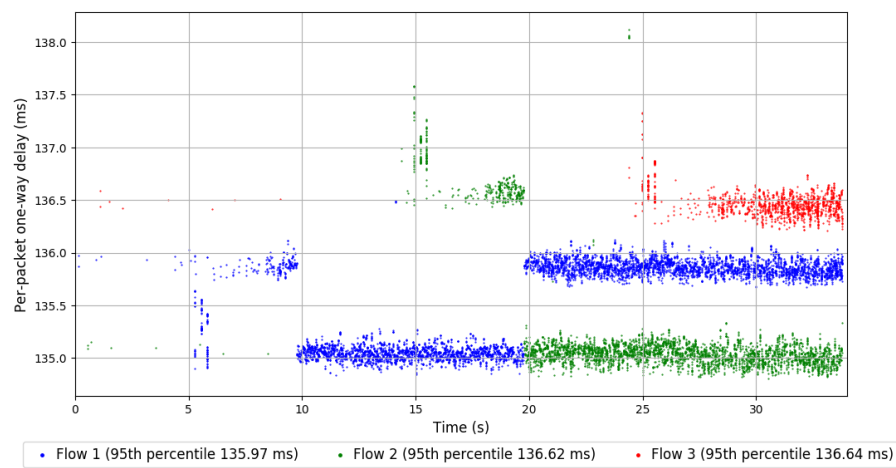
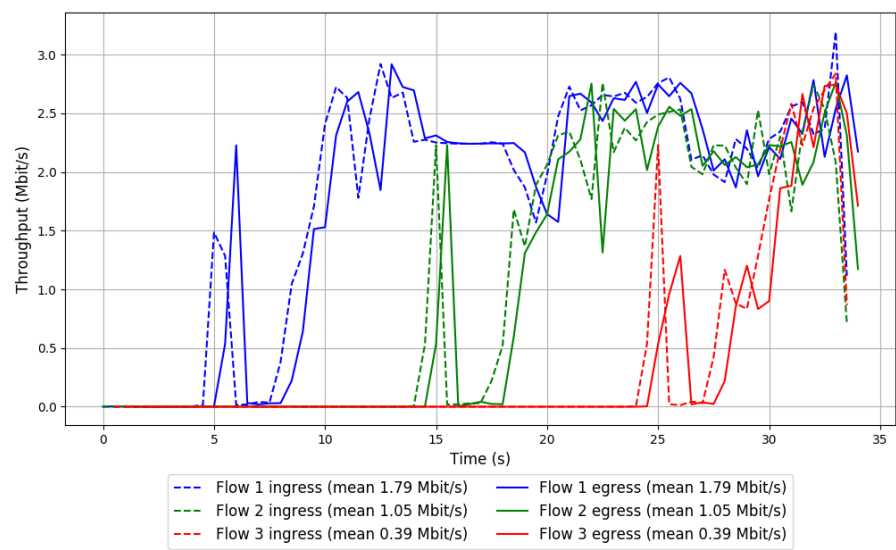


Run 6: Statistics of WebRTC media

Start at: 2018-06-30 18:08:09
End at: 2018-06-30 18:08:39
Local clock offset: 0.031 ms
Remote clock offset: -0.043 ms

Below is generated by plot.py at 2018-06-30 22:22:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.20 Mbit/s
95th percentile per-packet one-way delay: 136.533 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.79 Mbit/s
95th percentile per-packet one-way delay: 135.965 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.05 Mbit/s
95th percentile per-packet one-way delay: 136.622 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 136.644 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

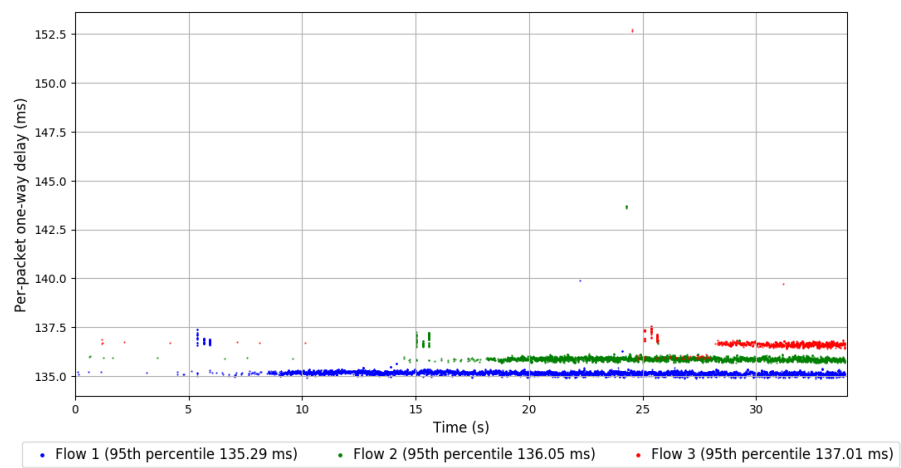
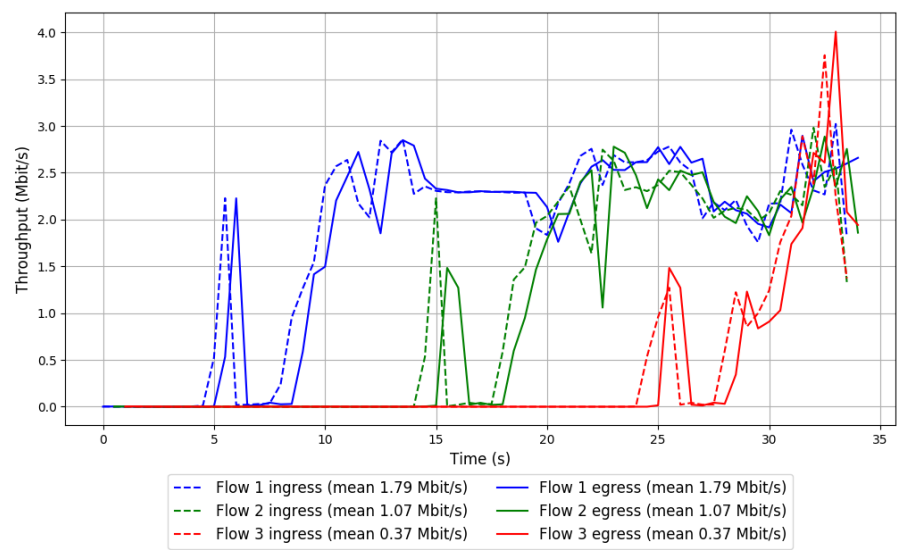


Run 7: Statistics of WebRTC media

Start at: 2018-06-30 18:34:10
End at: 2018-06-30 18:34:40
Local clock offset: -0.009 ms
Remote clock offset: 0.039 ms

```
# Below is generated by plot.py at 2018-06-30 22:22:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.21 Mbit/s
95th percentile per-packet one-way delay: 136.670 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.79 Mbit/s
95th percentile per-packet one-way delay: 135.293 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.07 Mbit/s
95th percentile per-packet one-way delay: 136.050 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 137.011 ms
Loss rate: 0.00%
```

Run 7: Report of WebRTC media — Data Link

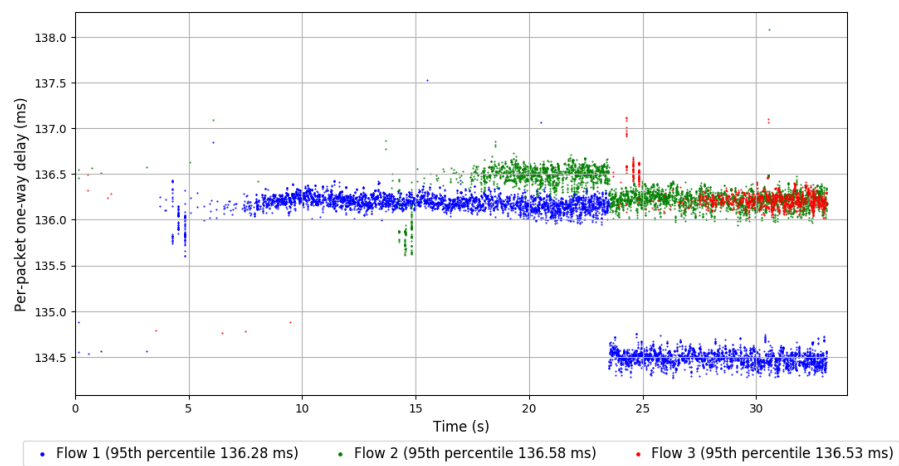
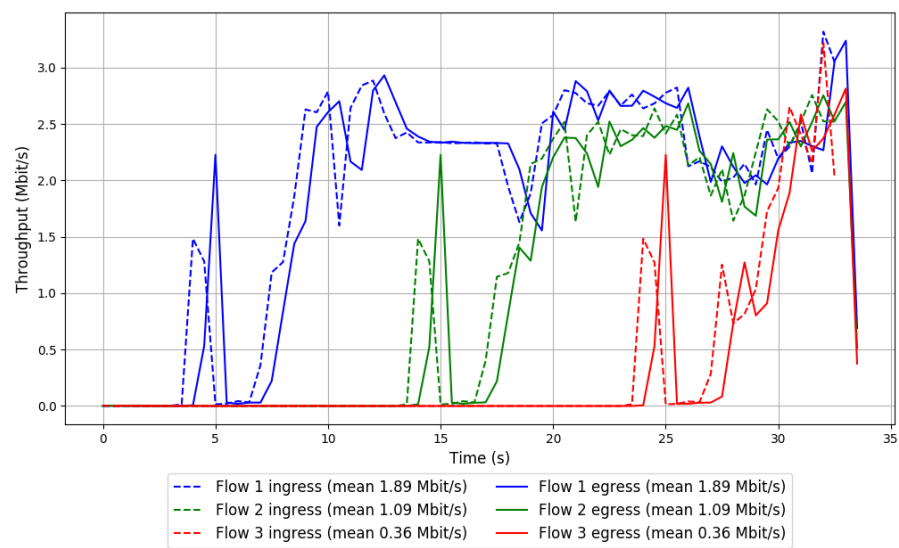


Run 8: Statistics of WebRTC media

Start at: 2018-06-30 19:00:04
End at: 2018-06-30 19:00:34
Local clock offset: 0.035 ms
Remote clock offset: -0.277 ms

Below is generated by plot.py at 2018-06-30 22:22:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.33 Mbit/s
95th percentile per-packet one-way delay: 136.530 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.89 Mbit/s
95th percentile per-packet one-way delay: 136.285 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.09 Mbit/s
95th percentile per-packet one-way delay: 136.584 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 136.532 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

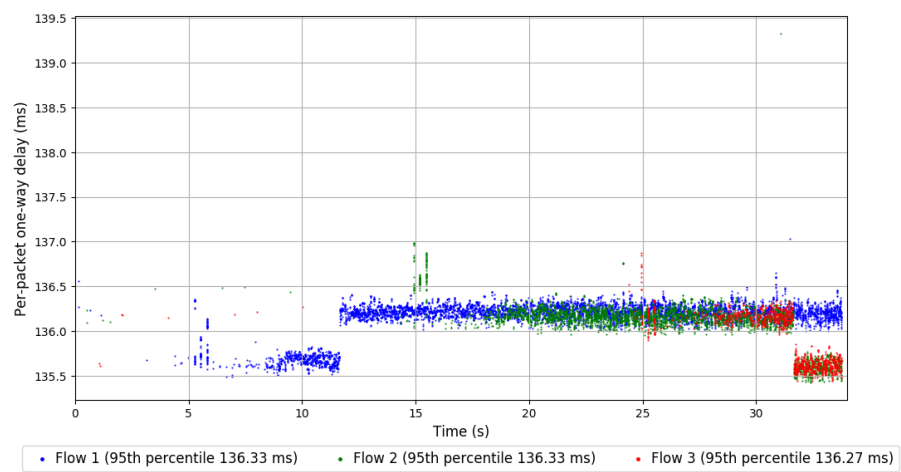
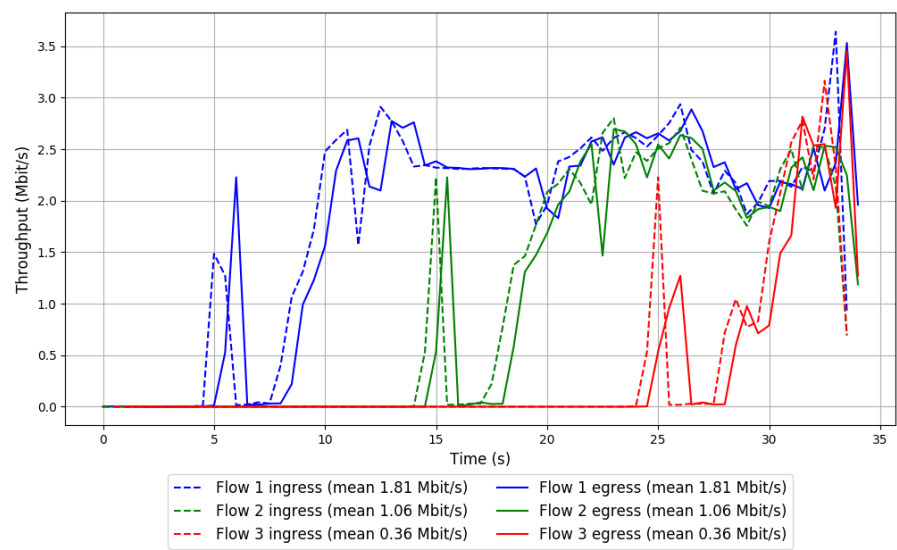


Run 9: Statistics of WebRTC media

Start at: 2018-06-30 19:26:27
End at: 2018-06-30 19:26:57
Local clock offset: 0.158 ms
Remote clock offset: -0.276 ms

Below is generated by plot.py at 2018-06-30 22:22:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.21 Mbit/s
95th percentile per-packet one-way delay: 136.324 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.81 Mbit/s
95th percentile per-packet one-way delay: 136.328 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.06 Mbit/s
95th percentile per-packet one-way delay: 136.328 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 136.271 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-06-30 19:52:50

End at: 2018-06-30 19:53:20

Local clock offset: 0.155 ms

Remote clock offset: 0.005 ms

Below is generated by plot.py at 2018-06-30 22:22:18

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.19 Mbit/s

95th percentile per-packet one-way delay: 136.567 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.77 Mbit/s

95th percentile per-packet one-way delay: 136.561 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.08 Mbit/s

95th percentile per-packet one-way delay: 136.569 ms

Loss rate: 0.00%

-- Flow 3:

Average throughput: 0.37 Mbit/s

95th percentile per-packet one-way delay: 136.593 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

