

Pantheon Report

Generated at 2017-11-16 15:49:56 (UTC).

Data path: AWS Brazil 2 Ethernet (*local*) → Colombia Ethernet (*remote*).

Repeated the test of 14 congestion control schemes 10 times.

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

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

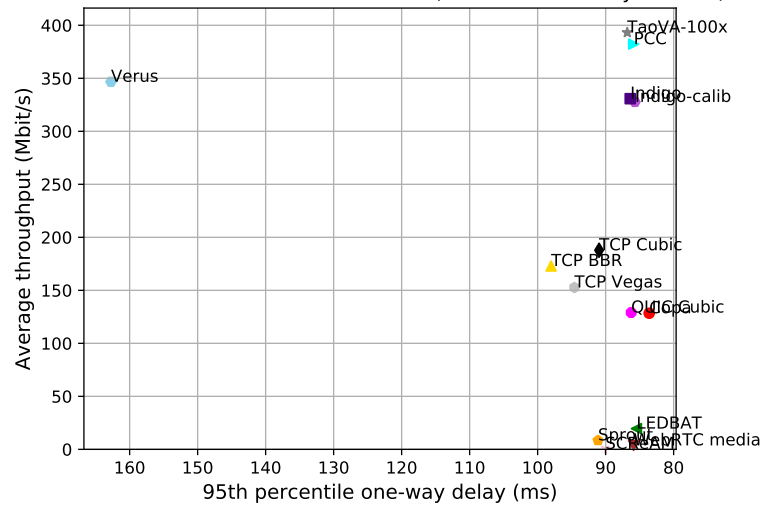
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

NTP offsets were measured against **gps.ntp.br** and have been applied to correct the timestamps in logs.

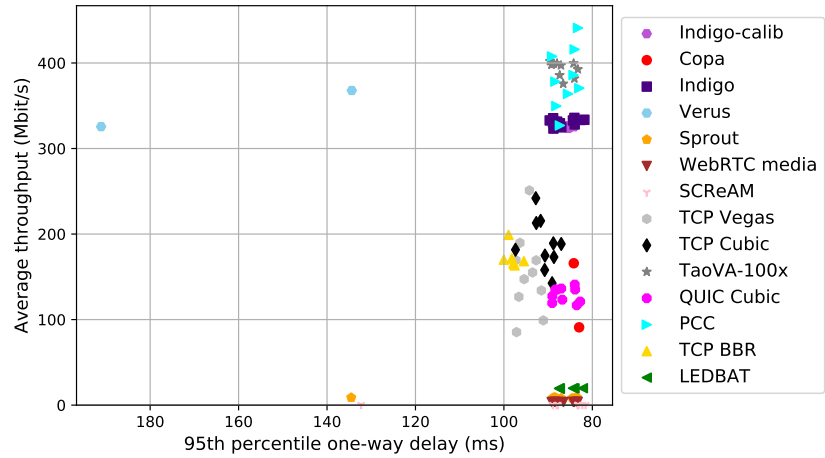
Git summary:

```
branch: indigos @ f54f2953f2a9765c9ffa988d13de5a9471790eb0
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ f7ca42f251bf49b432bb71de6d13fa903515c366
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
third_party/indigo-cellular @ aee99e8eb842cb053f8c9a80e28cd256a930bbc2
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/indigo-no-cwnd @ 3e58442c04028a11d7b02456e137604633ba2d6c
third_party/indigo-no-delivery-rate @ 57caa40858b964906edff4876d5a7e5bfff666c5
third_party/indigo-no-queuing-delay @ 03455460fd1a8ffbdad86fabb936fdca204b80db
third_party/indigo-no-send-rate @ b39dfa6b2c5f19cb7cd89626cb4f5bb81f9fecda
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eae30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

test from AWS Brazil 2 Ethernet to Colombia Ethernet, 10 runs of 30s each per scheme
3 flows with 10s interval between flows (mean of all runs by scheme)



test from AWS Brazil 2 Ethernet to Colombia Ethernet, 10 runs of 30s each per scheme
3 flows with 10s interval between flows



scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	6	92.41	81.71	80.93	98.20	97.58	97.47	0.06	0.01	0.02
TCP Cubic	10	102.71	87.85	80.36	91.28	90.06	89.33	0.01	0.01	0.01
LEDBAT	6	12.72	8.29	4.08	84.49	85.54	85.06	0.00	0.00	0.00
PCC	9	275.34	131.34	59.34	85.61	85.79	85.09	11.09	13.19	11.32
QUIC Cubic	10	69.09	63.84	53.55	85.37	85.40	85.33	0.00	0.00	0.00
SCReAM	9	0.22	0.22	0.22	89.03	89.40	89.18	0.00	0.00	0.00
WebRTC media	10	2.07	1.27	0.42	85.37	85.33	84.99	0.00	0.00	0.01
Sprout	10	4.24	4.11	3.85	90.67	90.26	90.67	0.00	0.00	0.00
TaoVA-100x	10	227.51	201.34	128.71	85.68	85.95	86.40	1.32	2.33	5.05
TCP Vegas	10	81.23	75.03	64.97	93.53	93.31	93.28	0.01	0.01	0.02
Verus	2	245.99	115.80	73.72	159.30	177.55	139.41	2.62	5.90	1.02
Copa	2	40.81	88.25	93.28	1476.16	83.00	82.87	0.00	0.00	0.01
Indigo	10	175.44	163.96	143.27	85.83	85.95	85.64	0.24	0.39	0.90
Indigo-calib	10	174.11	162.69	140.80	85.56	84.91	85.82	0.17	0.27	0.67

Run 1: Statistics of TCP BBR

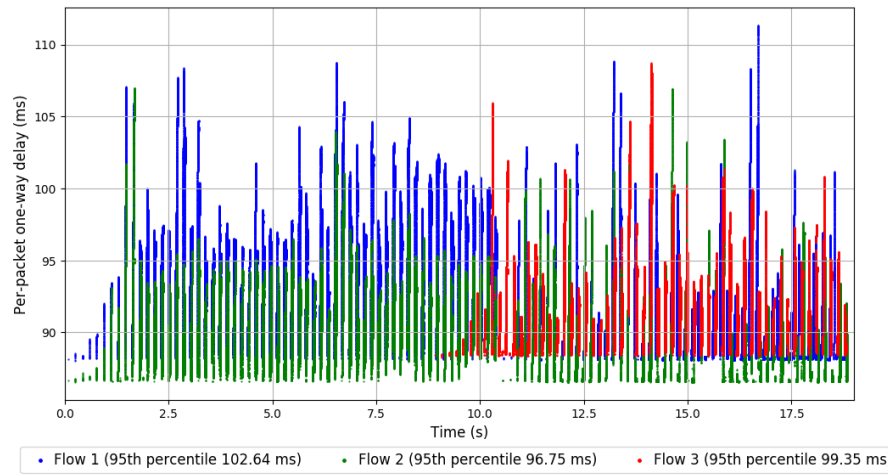
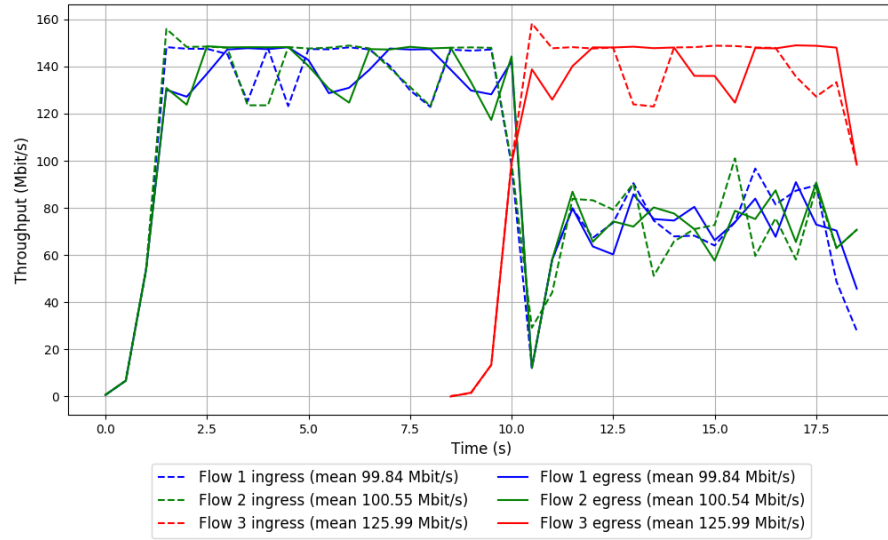
Start at: 2017-11-16 10:51:44

End at: 2017-11-16 10:52:14

Local clock offset: 0.096 ms

Remote clock offset: 0.433 ms

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

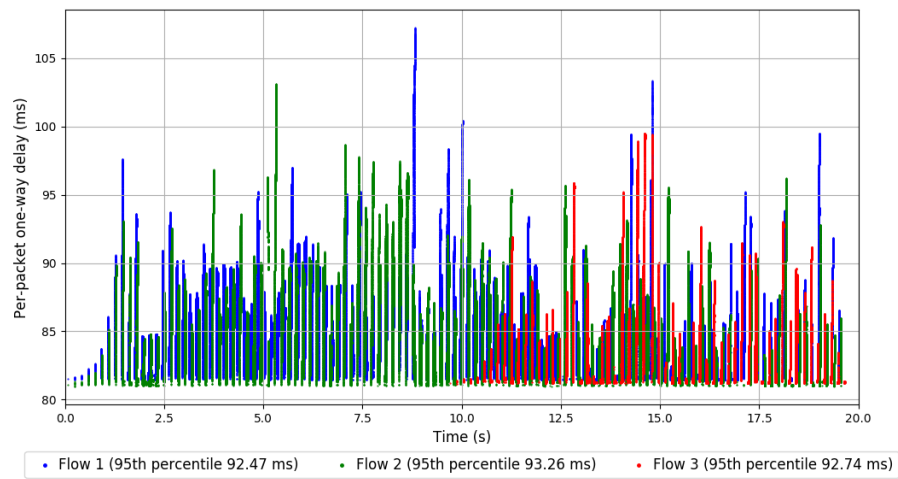
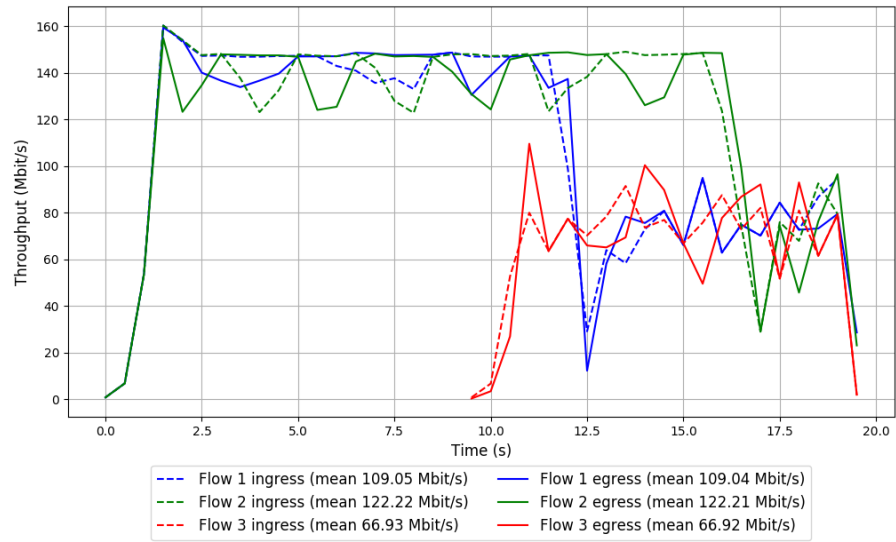
Start at: 2017-11-16 11:11:45

End at: 2017-11-16 11:12:15

Local clock offset: 0.044 ms

Remote clock offset: -4.552 ms

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2017-11-16 11:31:35

End at: 2017-11-16 11:32:05

Local clock offset: 0.119 ms

Remote clock offset: 0.652 ms

Below is generated by plot.py at 2017-11-16 15:01:54

Datalink statistics

-- Total of 3 flows:

Average throughput: 170.02 Mbit/s

95th percentile per-packet one-way delay: 100.022 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 97.56 Mbit/s

95th percentile per-packet one-way delay: 100.869 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 76.57 Mbit/s

95th percentile per-packet one-way delay: 96.838 ms

Loss rate: 0.01%

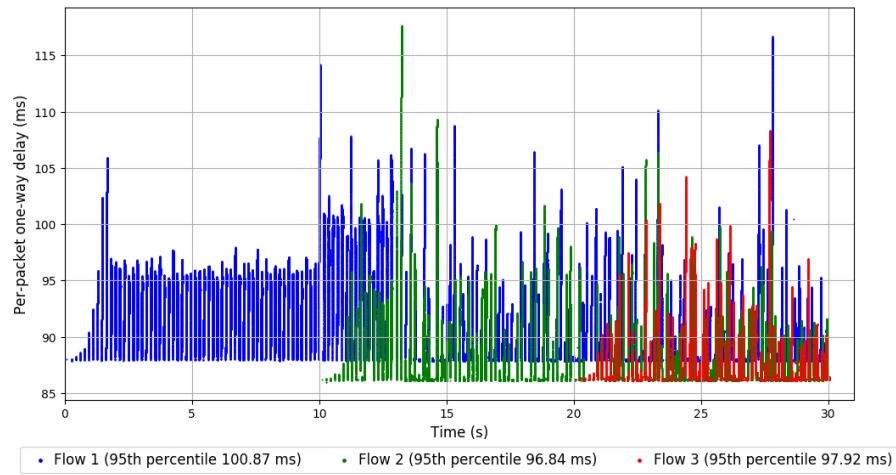
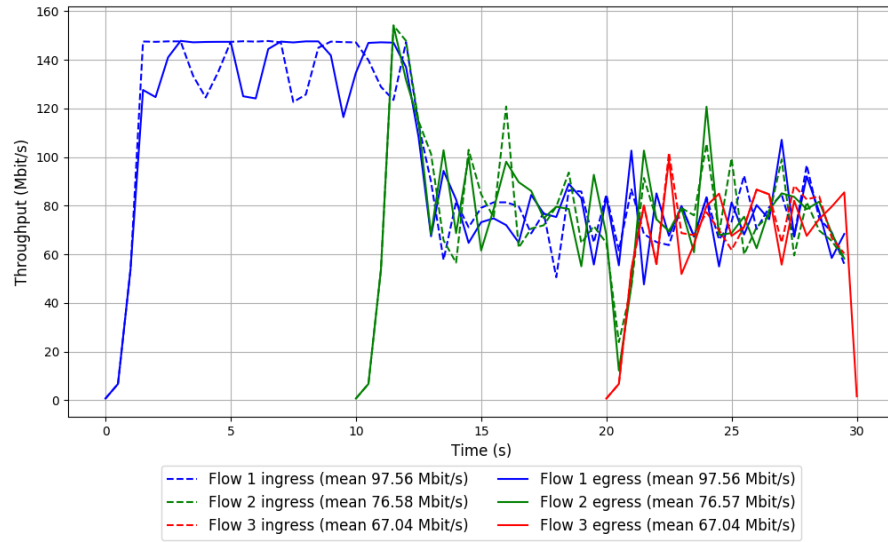
-- Flow 3:

Average throughput: 67.04 Mbit/s

95th percentile per-packet one-way delay: 97.925 ms

Loss rate: 0.00%

Run 3: Report of TCP BBR — Data Link

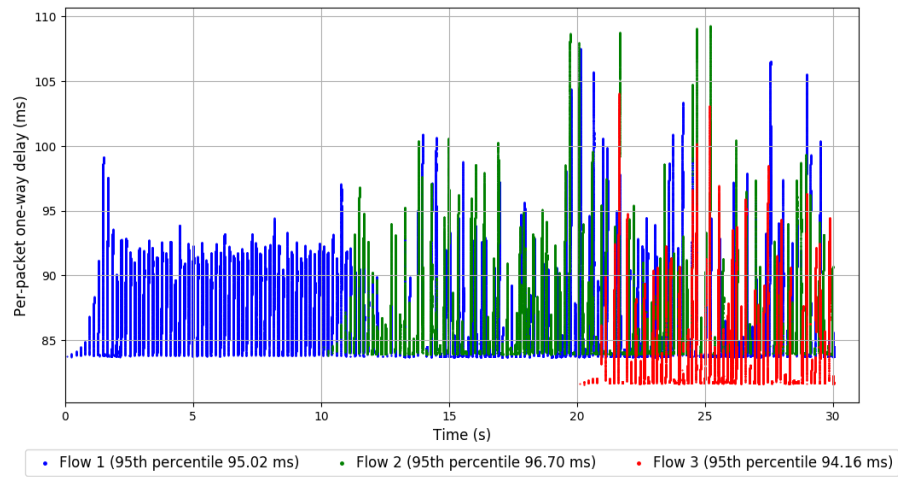
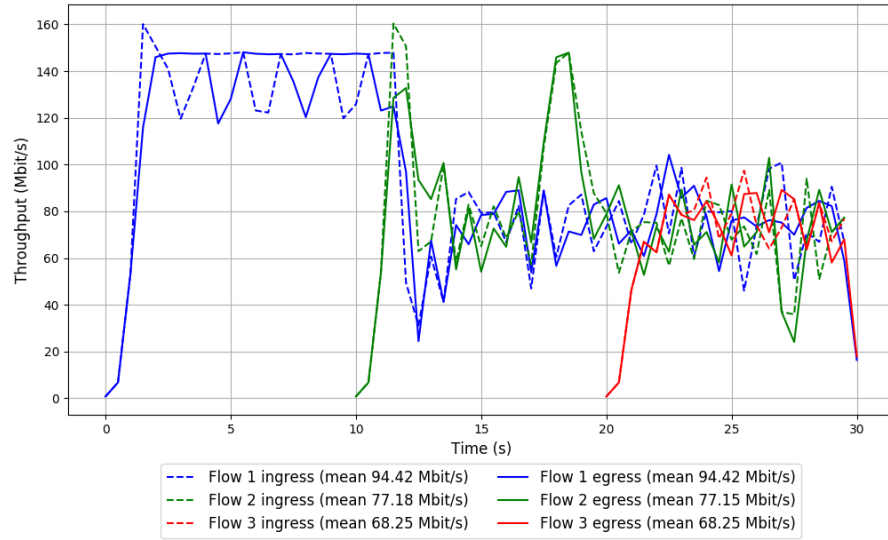


Run 4: Statistics of TCP BBR

Start at: 2017-11-16 11:51:36
End at: 2017-11-16 11:52:06
Local clock offset: 0.025 ms
Remote clock offset: -4.331 ms

Below is generated by plot.py at 2017-11-16 15:01:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 168.29 Mbit/s
95th percentile per-packet one-way delay: 95.494 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 94.42 Mbit/s
95th percentile per-packet one-way delay: 95.017 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 77.15 Mbit/s
95th percentile per-packet one-way delay: 96.699 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 68.25 Mbit/s
95th percentile per-packet one-way delay: 94.156 ms
Loss rate: 0.00%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

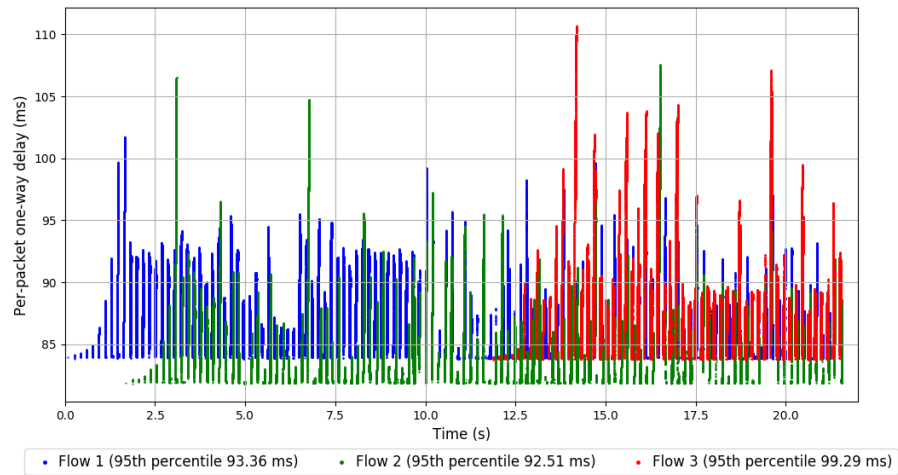
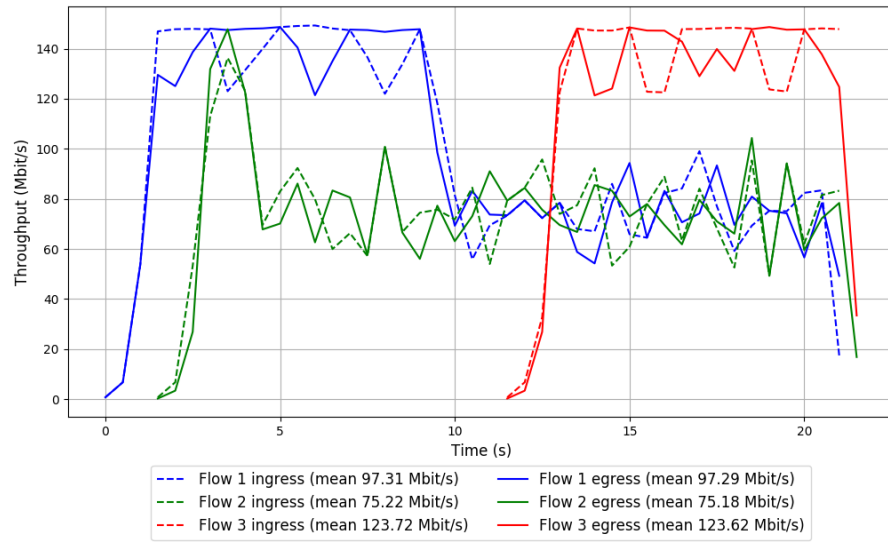
Start at: 2017-11-16 12:11:23

End at: 2017-11-16 12:11:53

Local clock offset: 0.106 ms

Remote clock offset: -5.285 ms

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2017-11-16 12:31:04

End at: 2017-11-16 12:31:34

Local clock offset: 0.055 ms

Remote clock offset: -2.96 ms

Below is generated by plot.py at 2017-11-16 15:01:54

Datalink statistics

-- Total of 3 flows:

Average throughput: 165.50 Mbit/s

95th percentile per-packet one-way delay: 97.845 ms

Loss rate: 0.11%

-- Flow 1:

Average throughput: 94.40 Mbit/s

95th percentile per-packet one-way delay: 98.638 ms

Loss rate: 0.16%

-- Flow 2:

Average throughput: 72.60 Mbit/s

95th percentile per-packet one-way delay: 96.507 ms

Loss rate: 0.02%

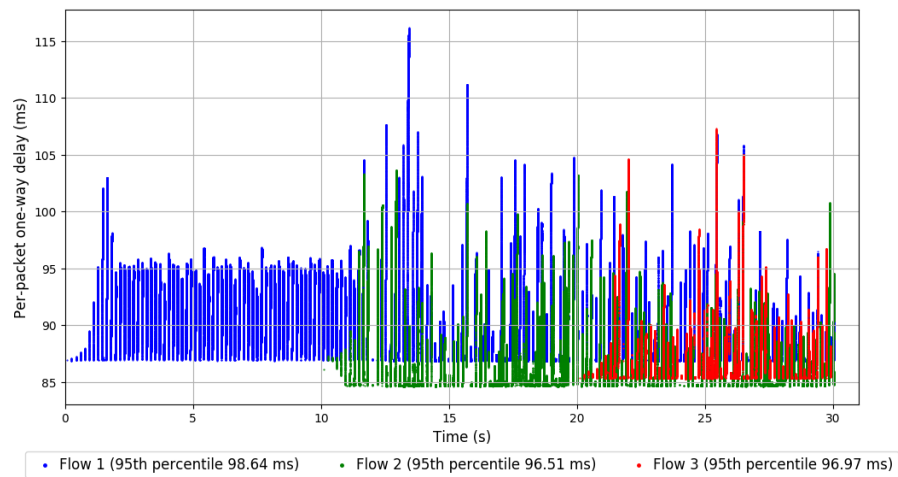
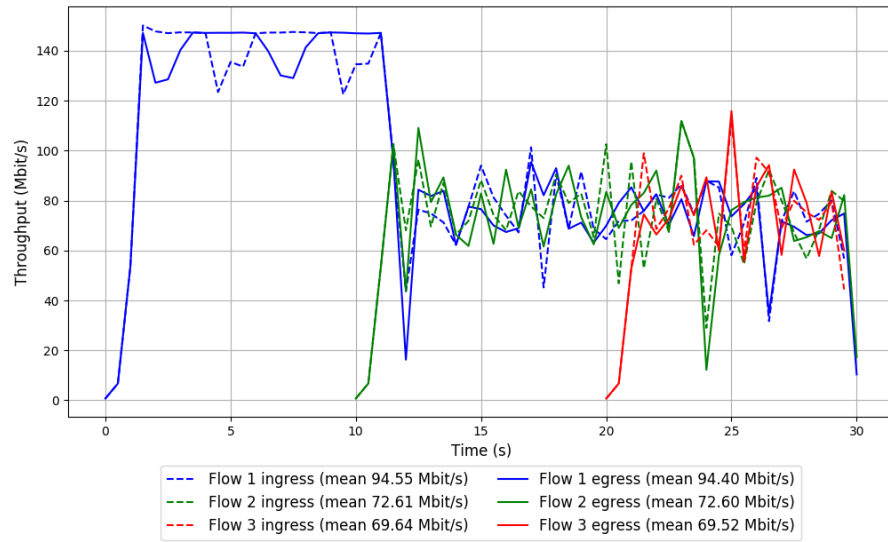
-- Flow 3:

Average throughput: 69.52 Mbit/s

95th percentile per-packet one-way delay: 96.973 ms

Loss rate: 0.14%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

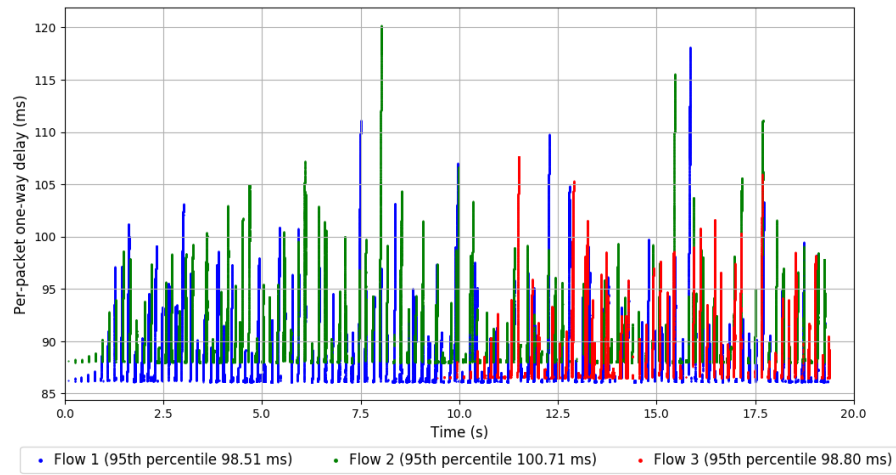
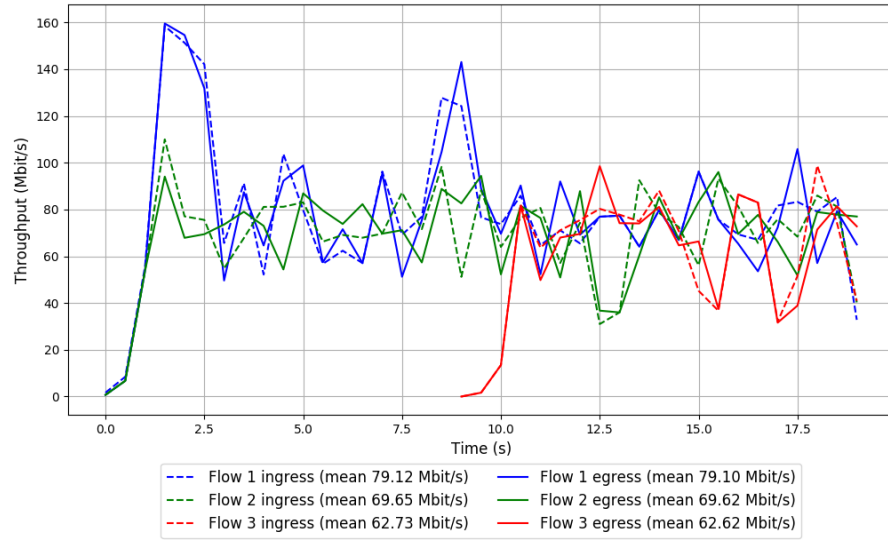
Start at: 2017-11-16 12:50:52

End at: 2017-11-16 12:51:22

Local clock offset: -0.065 ms

Remote clock offset: -2.309 ms

Run 7: Report of TCP BBR — Data Link

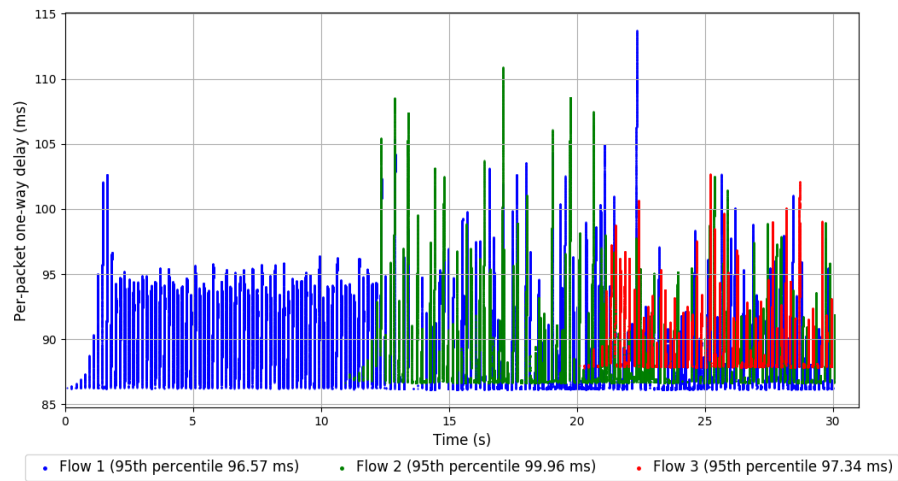
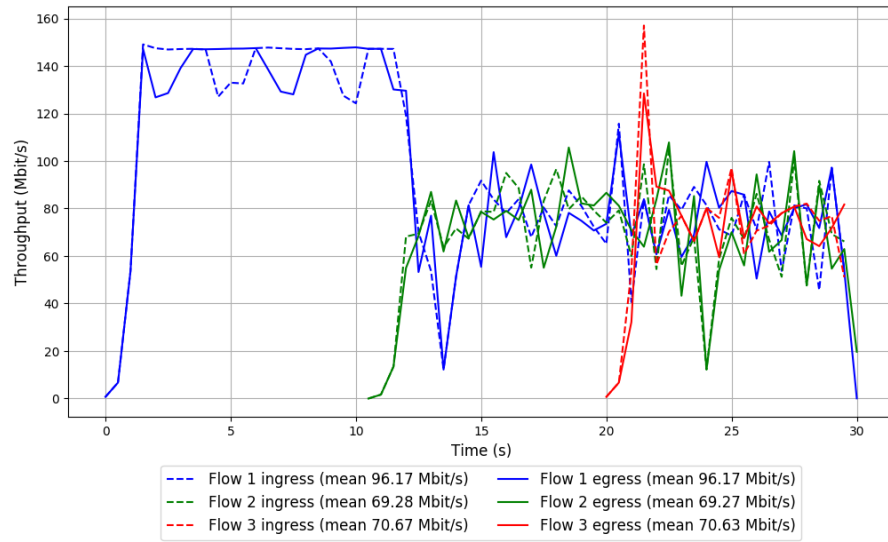


Run 8: Statistics of TCP BBR

Start at: 2017-11-16 13:10:42
End at: 2017-11-16 13:11:12
Local clock offset: -0.259 ms
Remote clock offset: -3.125 ms

Below is generated by plot.py at 2017-11-16 15:01:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 163.35 Mbit/s
95th percentile per-packet one-way delay: 97.584 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.17 Mbit/s
95th percentile per-packet one-way delay: 96.569 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 69.27 Mbit/s
95th percentile per-packet one-way delay: 99.960 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 70.63 Mbit/s
95th percentile per-packet one-way delay: 97.338 ms
Loss rate: 0.00%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2017-11-16 13:30:29

End at: 2017-11-16 13:30:59

Local clock offset: -0.247 ms

Remote clock offset: -2.48 ms

Below is generated by plot.py at 2017-11-16 15:03:46

Datalink statistics

-- Total of 3 flows:

Average throughput: 199.10 Mbit/s

95th percentile per-packet one-way delay: 98.956 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 93.90 Mbit/s

95th percentile per-packet one-way delay: 98.805 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 94.71 Mbit/s

95th percentile per-packet one-way delay: 98.922 ms

Loss rate: 0.00%

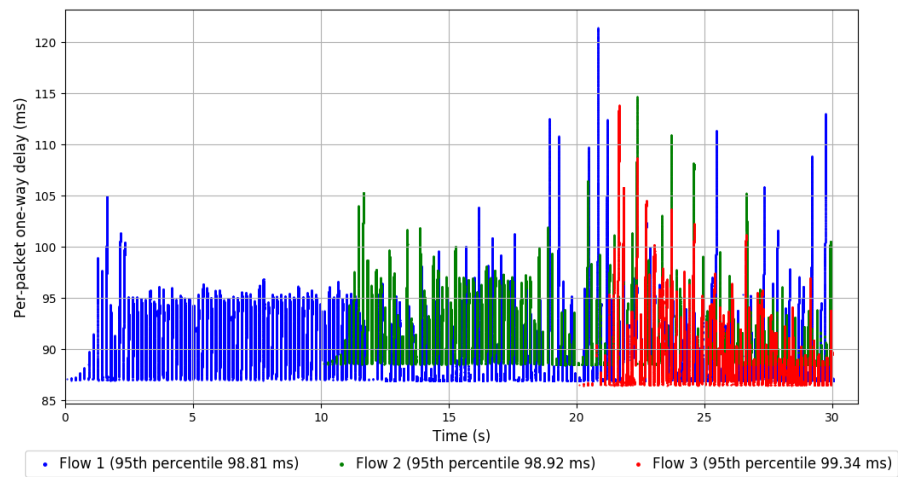
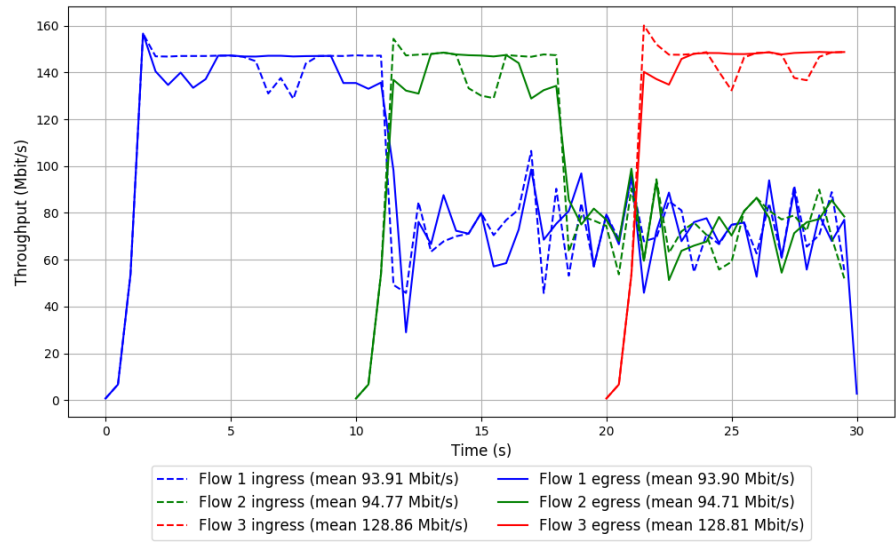
-- Flow 3:

Average throughput: 128.81 Mbit/s

95th percentile per-packet one-way delay: 99.343 ms

Loss rate: 0.00%

Run 9: Report of TCP BBR — Data Link

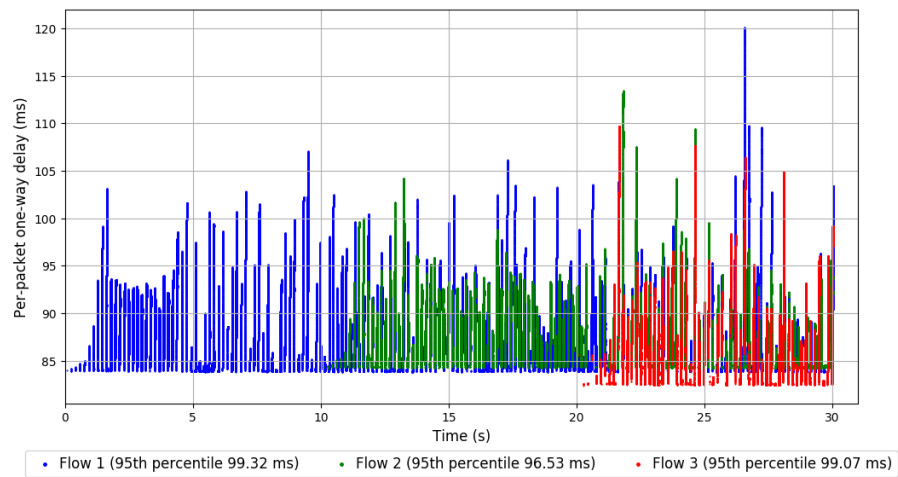
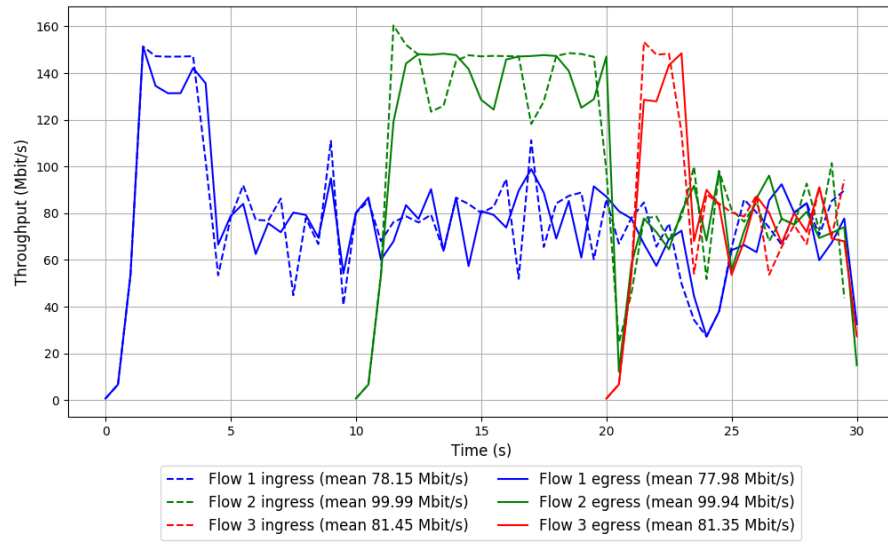


Run 10: Statistics of TCP BBR

Start at: 2017-11-16 13:50:27
End at: 2017-11-16 13:50:57
Local clock offset: -0.277 ms
Remote clock offset: -6.973 ms

Below is generated by plot.py at 2017-11-16 15:04:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 171.41 Mbit/s
95th percentile per-packet one-way delay: 98.208 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 77.98 Mbit/s
95th percentile per-packet one-way delay: 99.320 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 99.94 Mbit/s
95th percentile per-packet one-way delay: 96.525 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 81.35 Mbit/s
95th percentile per-packet one-way delay: 99.068 ms
Loss rate: 0.00%

Run 10: Report of TCP BBR — Data Link

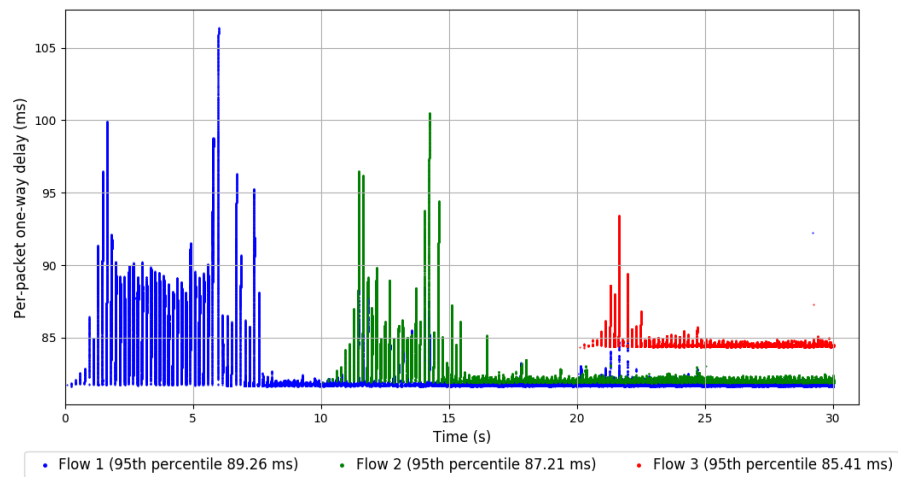
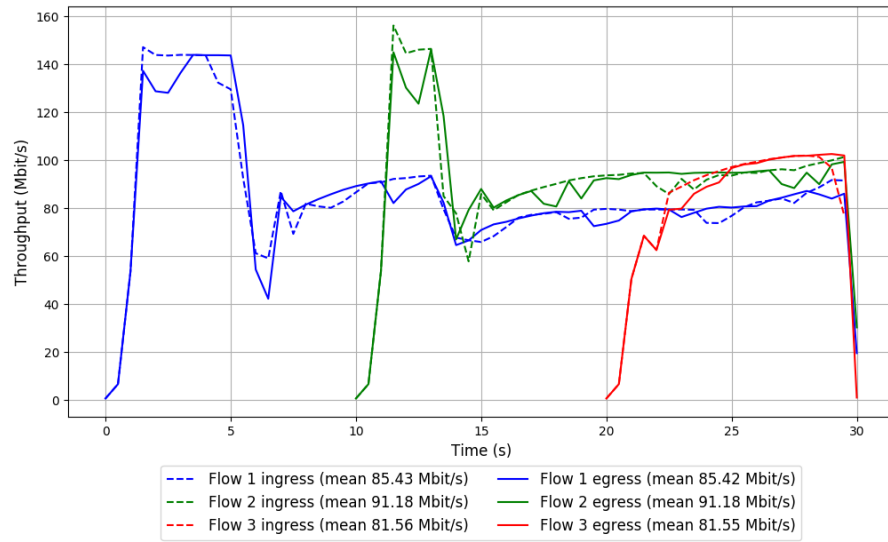


Run 1: Statistics of TCP Cubic

Start at: 2017-11-16 10:50:20
End at: 2017-11-16 10:50:50
Local clock offset: 0.07 ms
Remote clock offset: -3.882 ms

Below is generated by plot.py at 2017-11-16 15:04:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 173.12 Mbit/s
95th percentile per-packet one-way delay: 88.685 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 85.42 Mbit/s
95th percentile per-packet one-way delay: 89.260 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 91.18 Mbit/s
95th percentile per-packet one-way delay: 87.210 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 81.55 Mbit/s
95th percentile per-packet one-way delay: 85.408 ms
Loss rate: 0.00%

Run 1: Report of TCP Cubic — Data Link

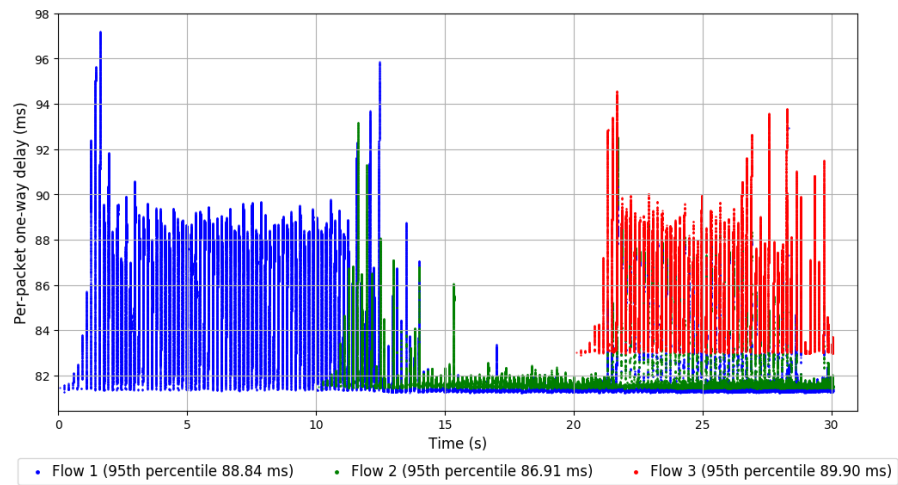
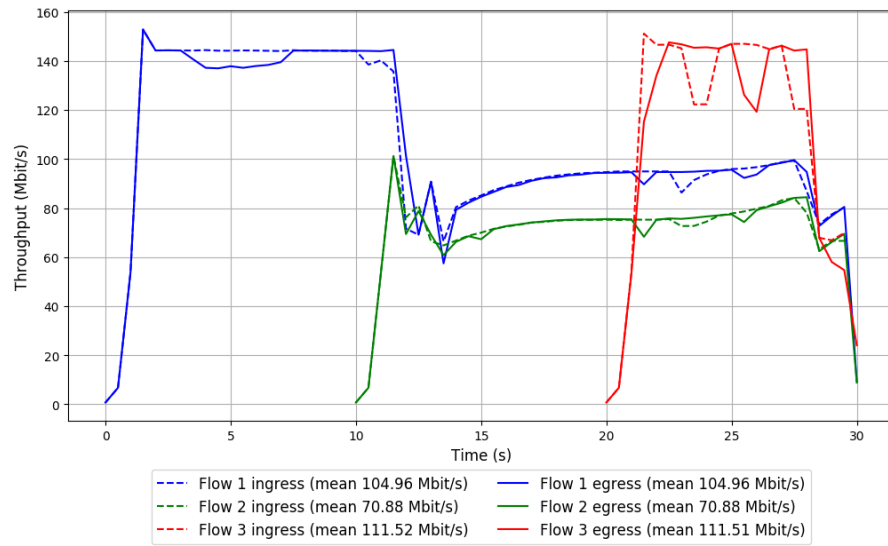


Run 2: Statistics of TCP Cubic

Start at: 2017-11-16 11:10:20
End at: 2017-11-16 11:10:50
Local clock offset: 0.083 ms
Remote clock offset: -4.255 ms

Below is generated by plot.py at 2017-11-16 15:04:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 189.15 Mbit/s
95th percentile per-packet one-way delay: 88.814 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 104.96 Mbit/s
95th percentile per-packet one-way delay: 88.840 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 70.88 Mbit/s
95th percentile per-packet one-way delay: 86.912 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 111.51 Mbit/s
95th percentile per-packet one-way delay: 89.900 ms
Loss rate: 0.00%

Run 2: Report of TCP Cubic — Data Link

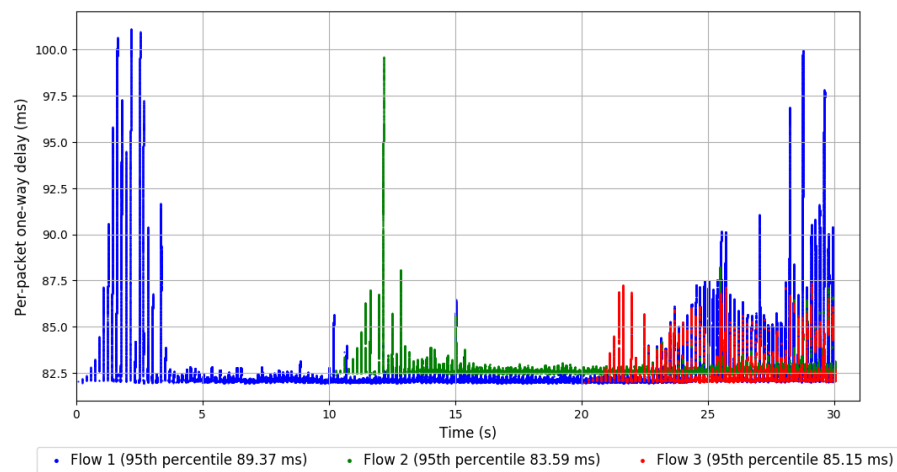
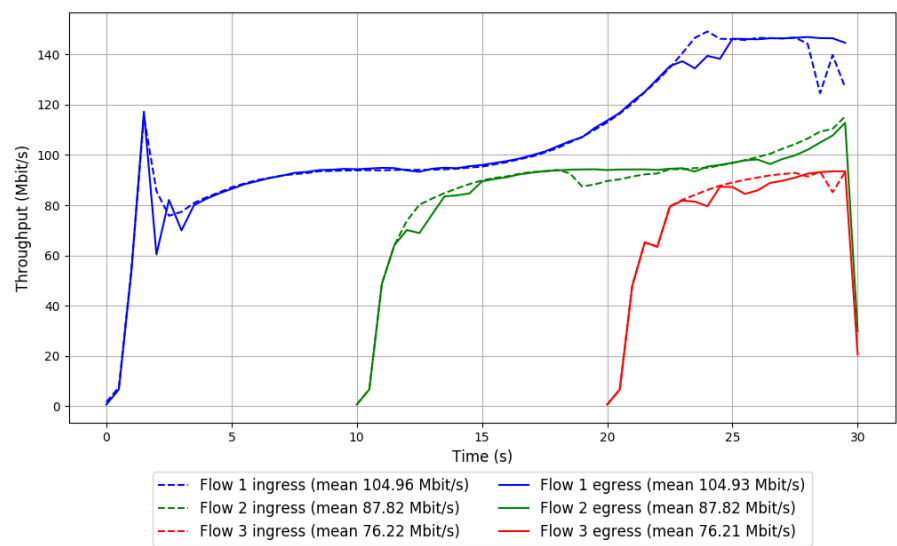


Run 3: Statistics of TCP Cubic

Start at: 2017-11-16 11:30:11
End at: 2017-11-16 11:30:41
Local clock offset: 0.113 ms
Remote clock offset: -3.277 ms

Below is generated by plot.py at 2017-11-16 15:04:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 188.39 Mbit/s
95th percentile per-packet one-way delay: 87.033 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 104.93 Mbit/s
95th percentile per-packet one-way delay: 89.368 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 87.82 Mbit/s
95th percentile per-packet one-way delay: 83.586 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 76.21 Mbit/s
95th percentile per-packet one-way delay: 85.149 ms
Loss rate: 0.00%

Run 3: Report of TCP Cubic — Data Link

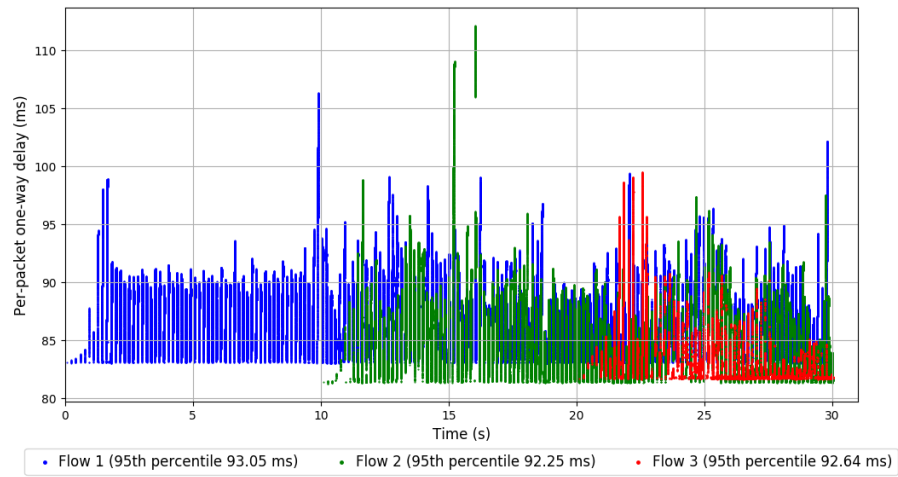
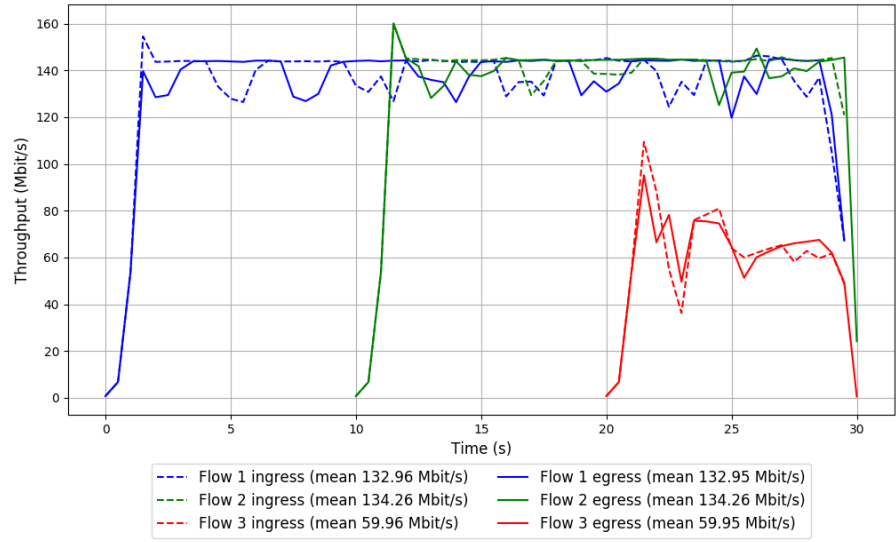


Run 4: Statistics of TCP Cubic

Start at: 2017-11-16 11:50:09
End at: 2017-11-16 11:50:39
Local clock offset: 0.12 ms
Remote clock offset: -4.841 ms

Below is generated by plot.py at 2017-11-16 15:05:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 241.92 Mbit/s
95th percentile per-packet one-way delay: 92.784 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 132.95 Mbit/s
95th percentile per-packet one-way delay: 93.045 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 134.26 Mbit/s
95th percentile per-packet one-way delay: 92.255 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 59.95 Mbit/s
95th percentile per-packet one-way delay: 92.640 ms
Loss rate: 0.01%

Run 4: Report of TCP Cubic — Data Link

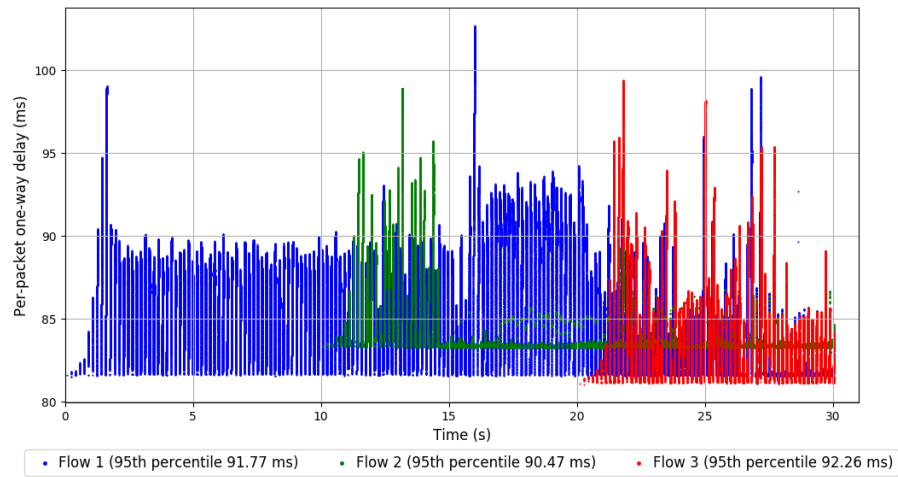
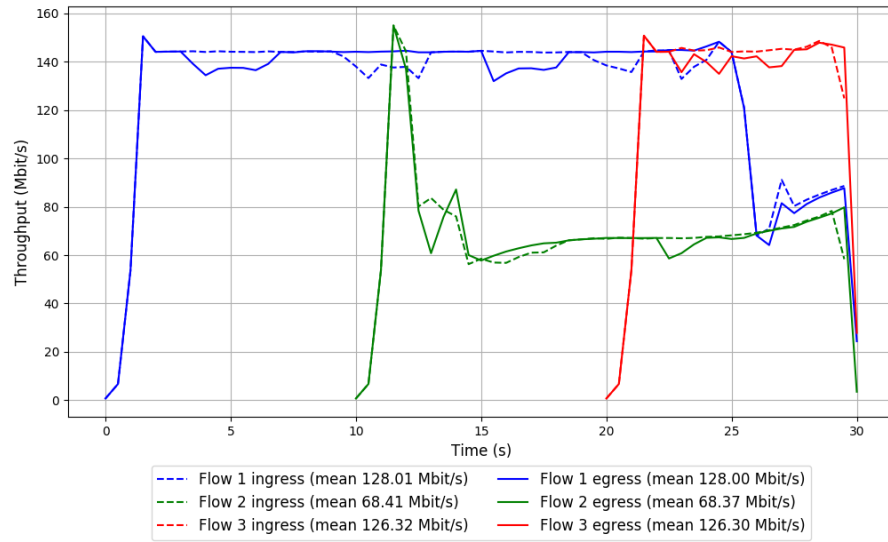


Run 5: Statistics of TCP Cubic

Start at: 2017-11-16 12:09:57
End at: 2017-11-16 12:10:27
Local clock offset: -0.019 ms
Remote clock offset: -6.099 ms

Below is generated by plot.py at 2017-11-16 15:05:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 215.43 Mbit/s
95th percentile per-packet one-way delay: 91.693 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 128.00 Mbit/s
95th percentile per-packet one-way delay: 91.768 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 68.37 Mbit/s
95th percentile per-packet one-way delay: 90.469 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 126.30 Mbit/s
95th percentile per-packet one-way delay: 92.259 ms
Loss rate: 0.00%

Run 5: Report of TCP Cubic — Data Link

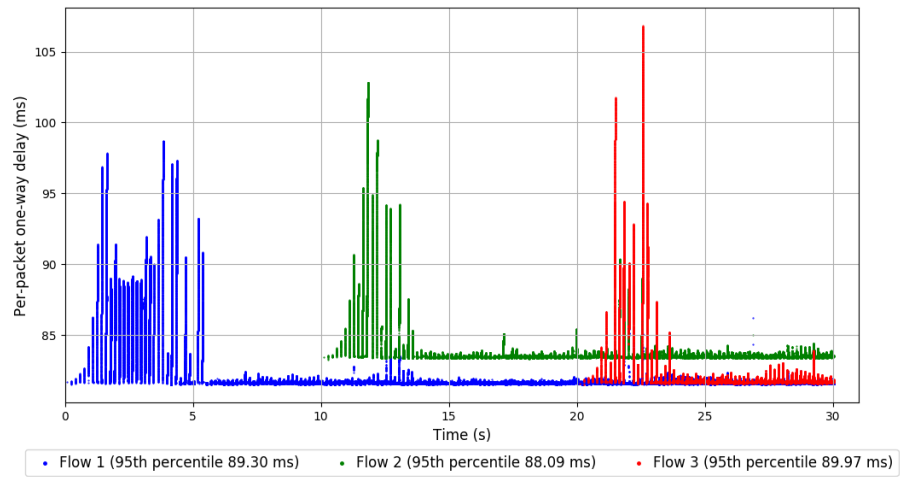
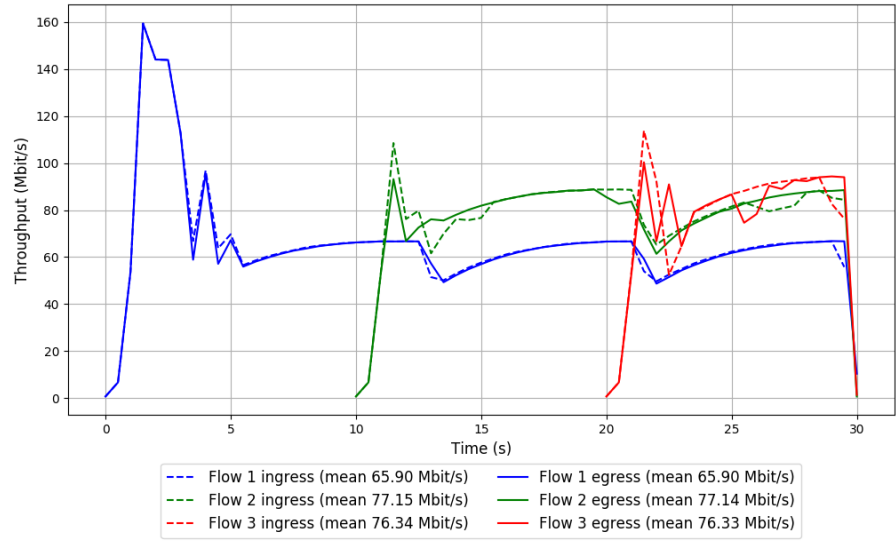


Run 6: Statistics of TCP Cubic

Start at: 2017-11-16 12:29:43
End at: 2017-11-16 12:30:13
Local clock offset: -0.015 ms
Remote clock offset: -6.564 ms

Below is generated by plot.py at 2017-11-16 15:05:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 142.56 Mbit/s
95th percentile per-packet one-way delay: 89.094 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 65.90 Mbit/s
95th percentile per-packet one-way delay: 89.298 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 77.14 Mbit/s
95th percentile per-packet one-way delay: 88.086 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 76.33 Mbit/s
95th percentile per-packet one-way delay: 89.974 ms
Loss rate: 0.01%

Run 6: Report of TCP Cubic — Data Link

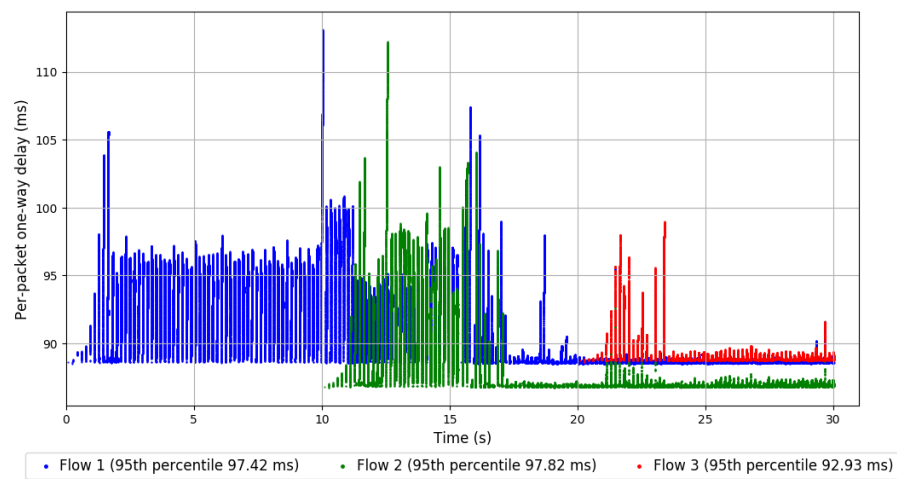
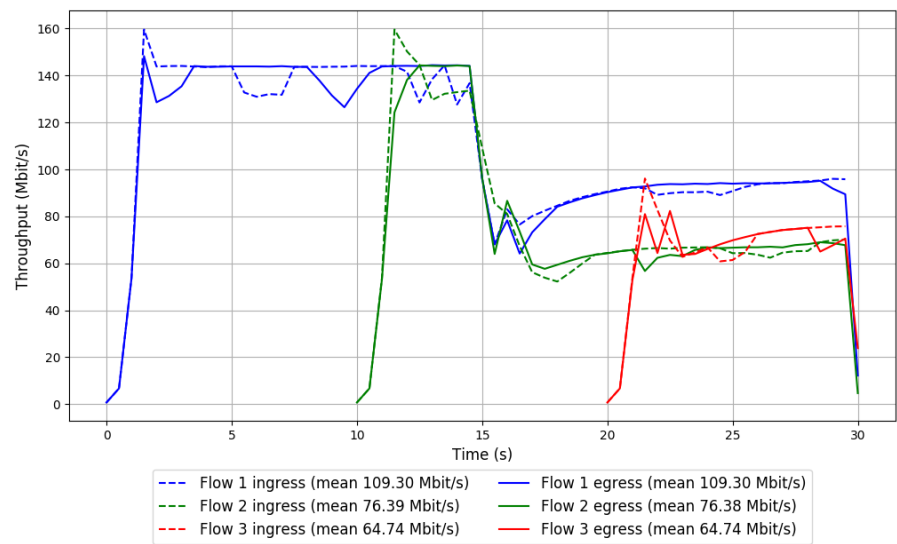


Run 7: Statistics of TCP Cubic

Start at: 2017-11-16 12:49:28
End at: 2017-11-16 12:49:58
Local clock offset: -0.014 ms
Remote clock offset: -1.668 ms

Below is generated by plot.py at 2017-11-16 15:06:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 181.65 Mbit/s
95th percentile per-packet one-way delay: 97.381 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 109.30 Mbit/s
95th percentile per-packet one-way delay: 97.423 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 76.38 Mbit/s
95th percentile per-packet one-way delay: 97.818 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 64.74 Mbit/s
95th percentile per-packet one-way delay: 92.931 ms
Loss rate: 0.00%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2017-11-16 13:09:19

End at: 2017-11-16 13:09:49

Local clock offset: -0.175 ms

Remote clock offset: -7.57 ms

Below is generated by plot.py at 2017-11-16 15:06:30

Datalink statistics

-- Total of 3 flows:

Average throughput: 157.96 Mbit/s

95th percentile per-packet one-way delay: 90.781 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 71.36 Mbit/s

95th percentile per-packet one-way delay: 89.623 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 94.74 Mbit/s

95th percentile per-packet one-way delay: 92.212 ms

Loss rate: 0.01%

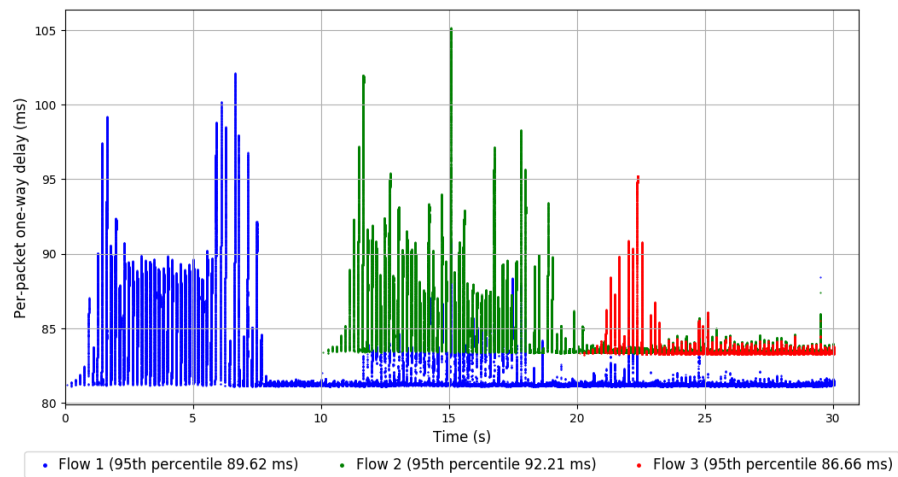
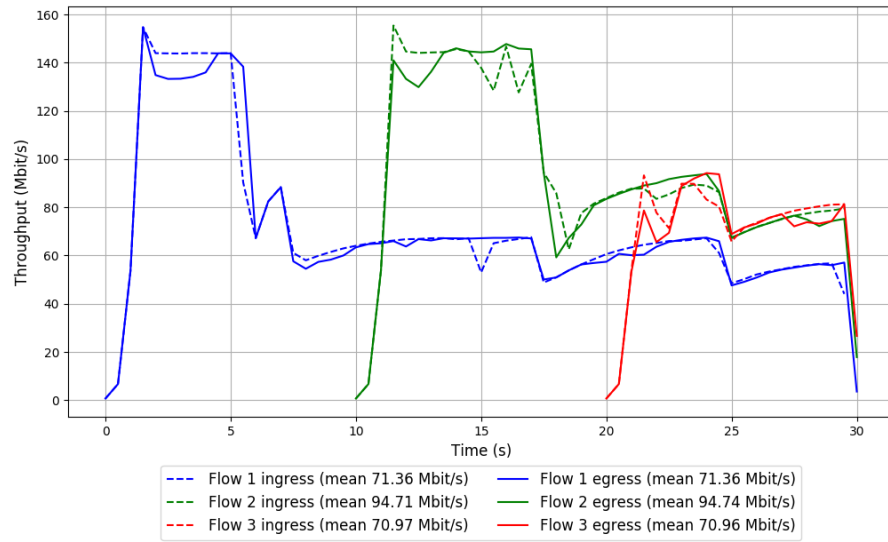
-- Flow 3:

Average throughput: 70.96 Mbit/s

95th percentile per-packet one-way delay: 86.658 ms

Loss rate: 0.02%

Run 8: Report of TCP Cubic — Data Link

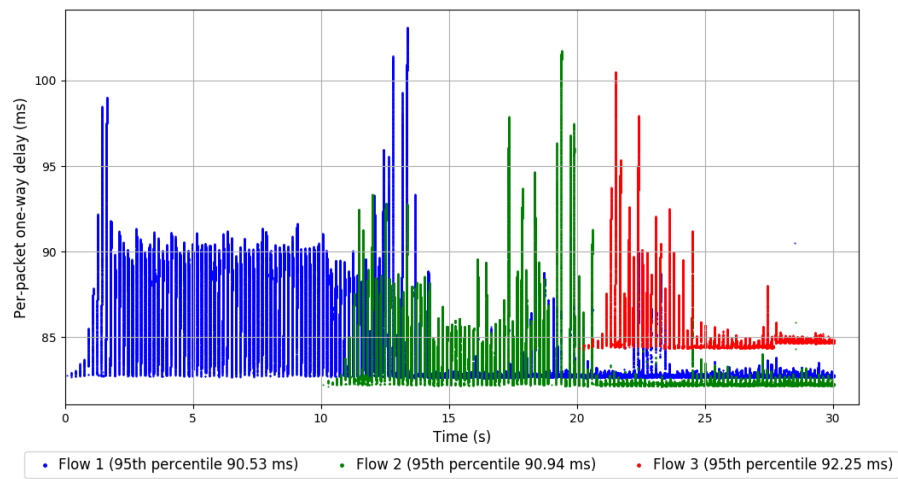
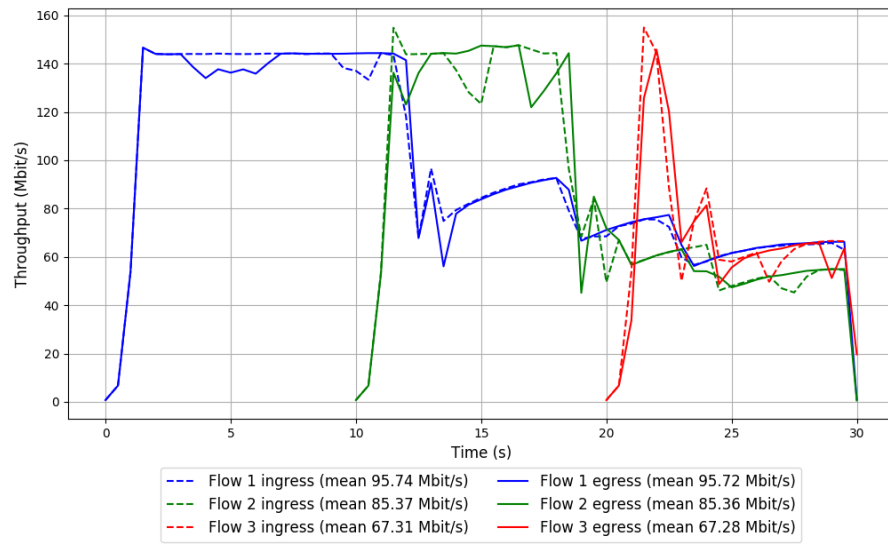


Run 9: Statistics of TCP Cubic

Start at: 2017-11-16 13:29:05
End at: 2017-11-16 13:29:35
Local clock offset: -0.236 ms
Remote clock offset: -7.265 ms

Below is generated by plot.py at 2017-11-16 15:06:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 174.86 Mbit/s
95th percentile per-packet one-way delay: 90.711 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 95.72 Mbit/s
95th percentile per-packet one-way delay: 90.530 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 85.36 Mbit/s
95th percentile per-packet one-way delay: 90.941 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 67.28 Mbit/s
95th percentile per-packet one-way delay: 92.248 ms
Loss rate: 0.04%

Run 9: Report of TCP Cubic — Data Link

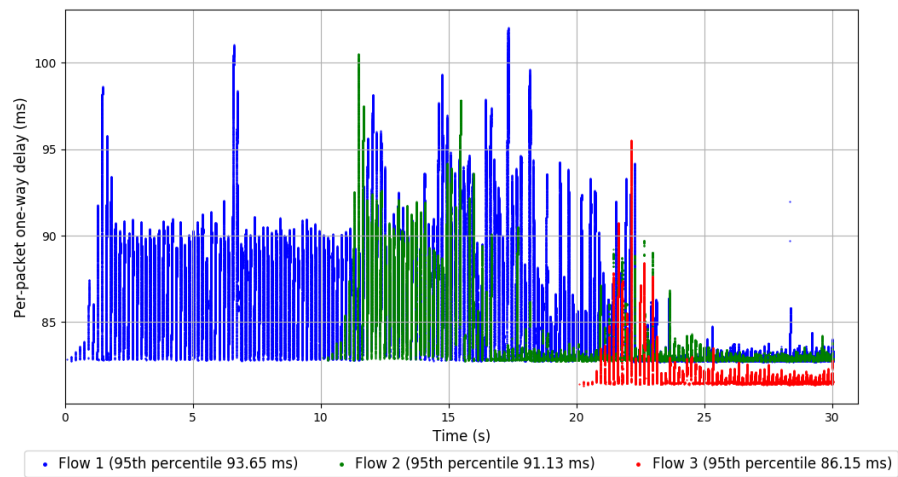
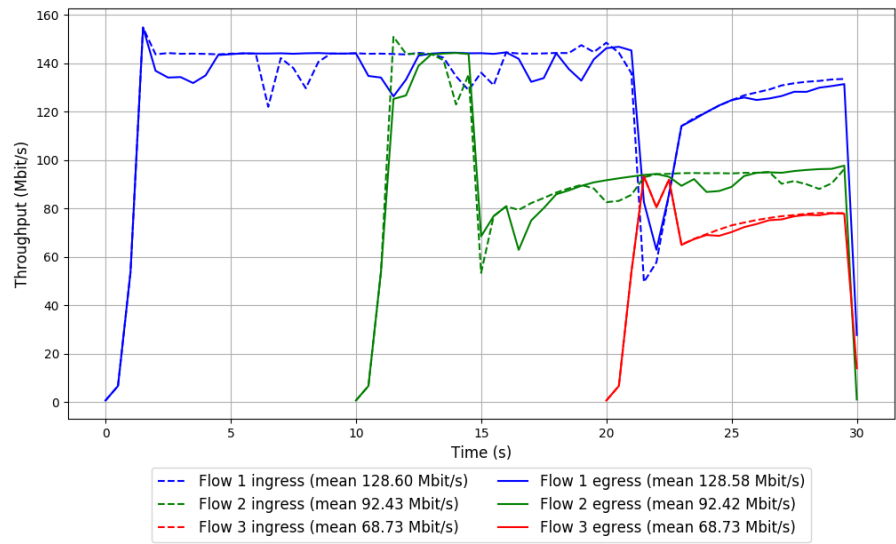


Run 10: Statistics of TCP Cubic

Start at: 2017-11-16 13:49:01
End at: 2017-11-16 13:49:31
Local clock offset: -0.348 ms
Remote clock offset: -8.283 ms

Below is generated by plot.py at 2017-11-16 15:07:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 212.90 Mbit/s
95th percentile per-packet one-way delay: 92.676 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 128.58 Mbit/s
95th percentile per-packet one-way delay: 93.654 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 92.42 Mbit/s
95th percentile per-packet one-way delay: 91.130 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 68.73 Mbit/s
95th percentile per-packet one-way delay: 86.150 ms
Loss rate: 0.00%

Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of LEDBAT

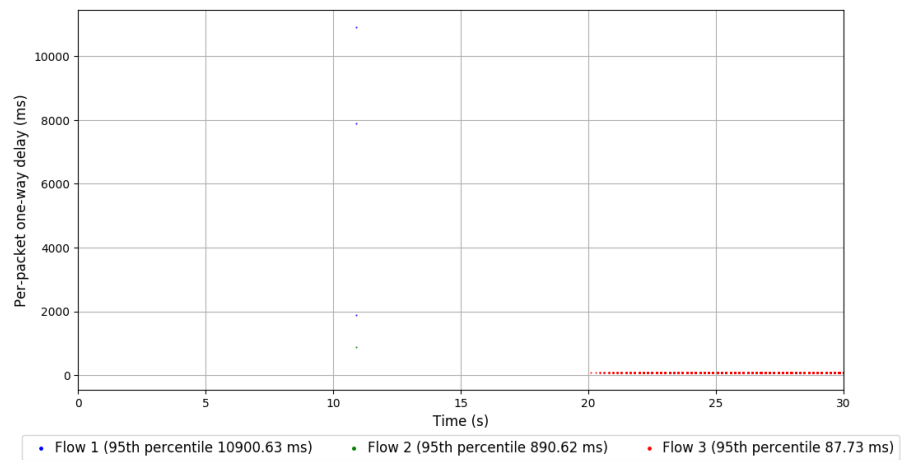
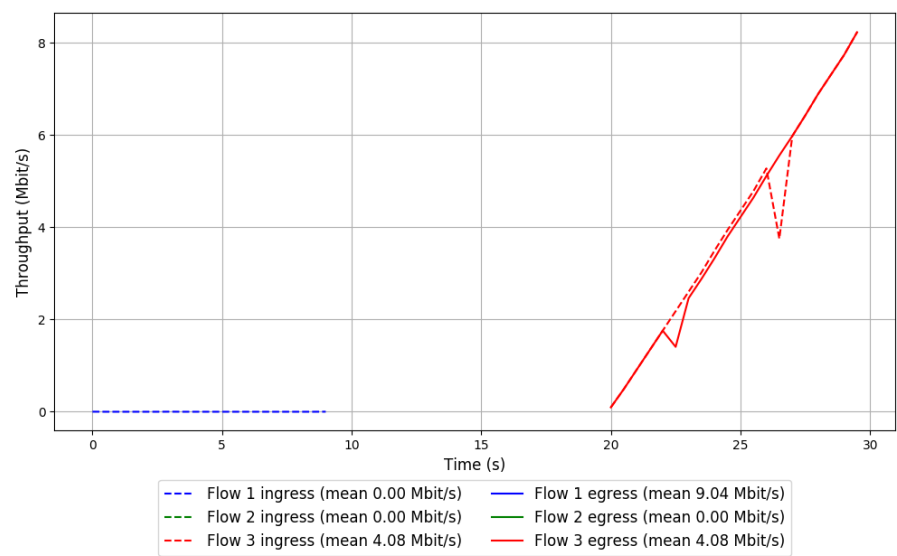
Start at: 2017-11-16 10:53:07

End at: 2017-11-16 10:53:37

Local clock offset: 0.041 ms

Remote clock offset: 1.29 ms

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

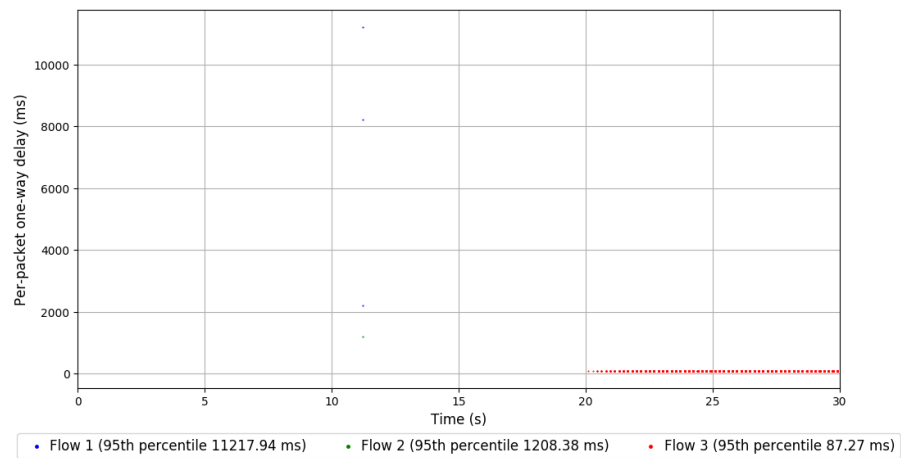
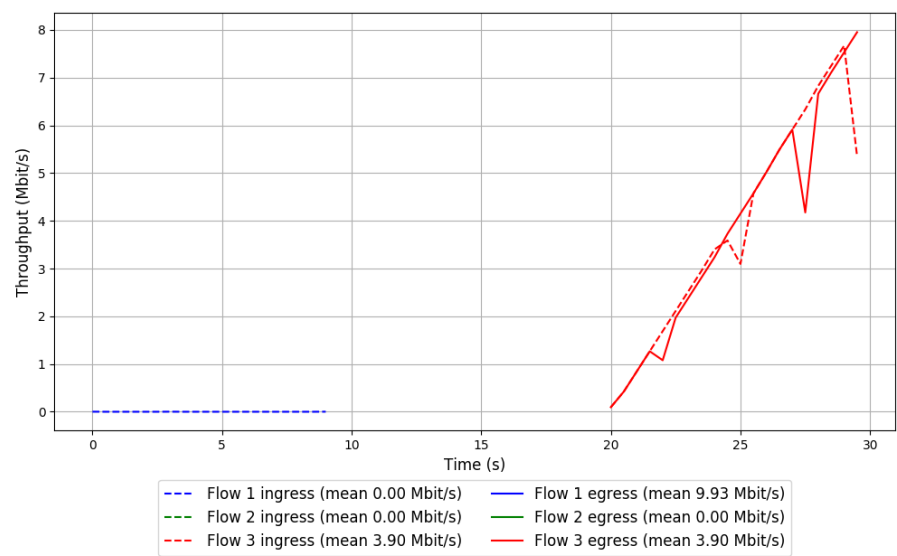
Start at: 2017-11-16 11:13:09

End at: 2017-11-16 11:13:39

Local clock offset: 0.119 ms

Remote clock offset: -0.296 ms

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

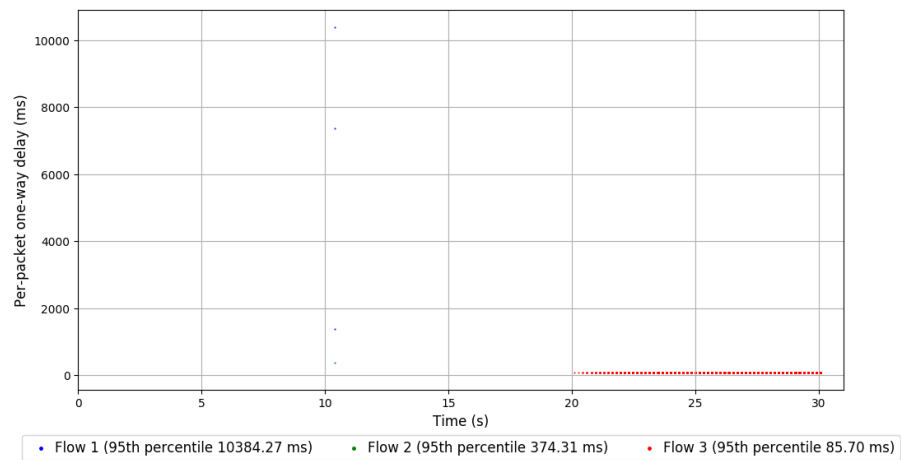
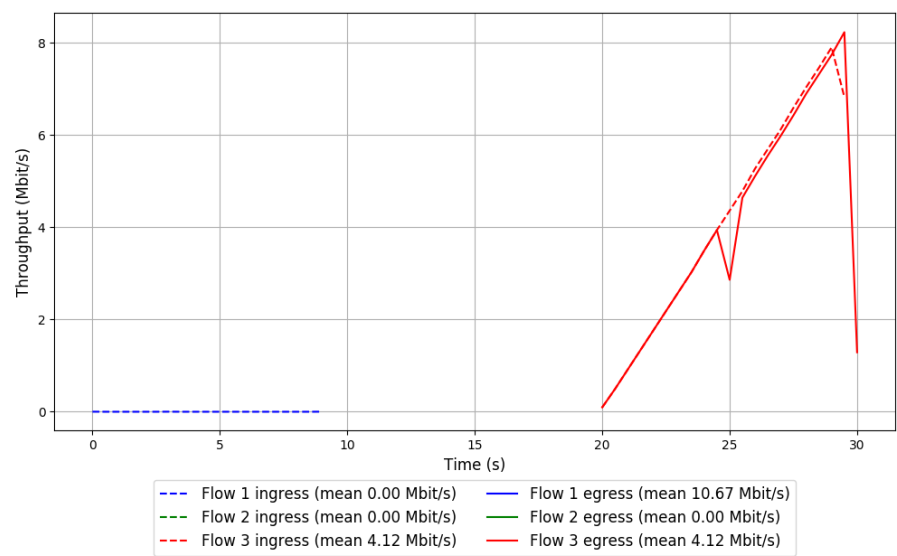
Start at: 2017-11-16 11:33:00

End at: 2017-11-16 11:33:30

Local clock offset: 0.104 ms

Remote clock offset: -0.297 ms

Run 3: Report of LEDBAT — Data Link

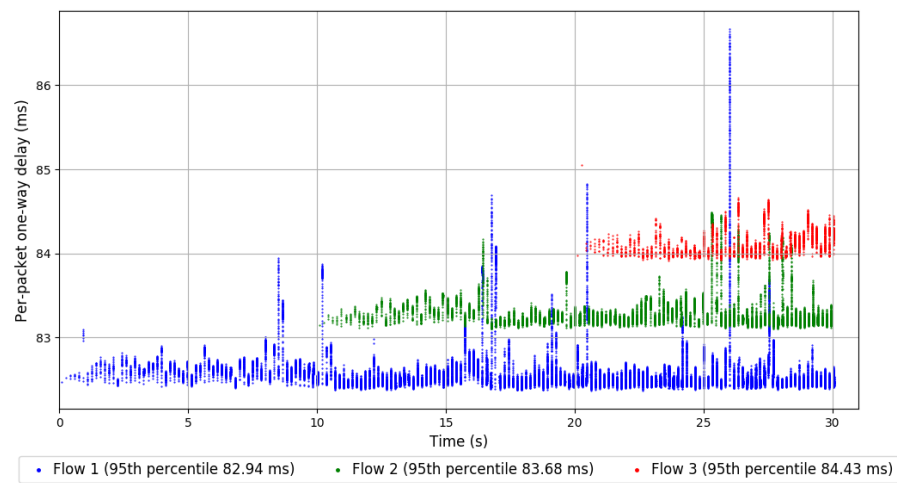
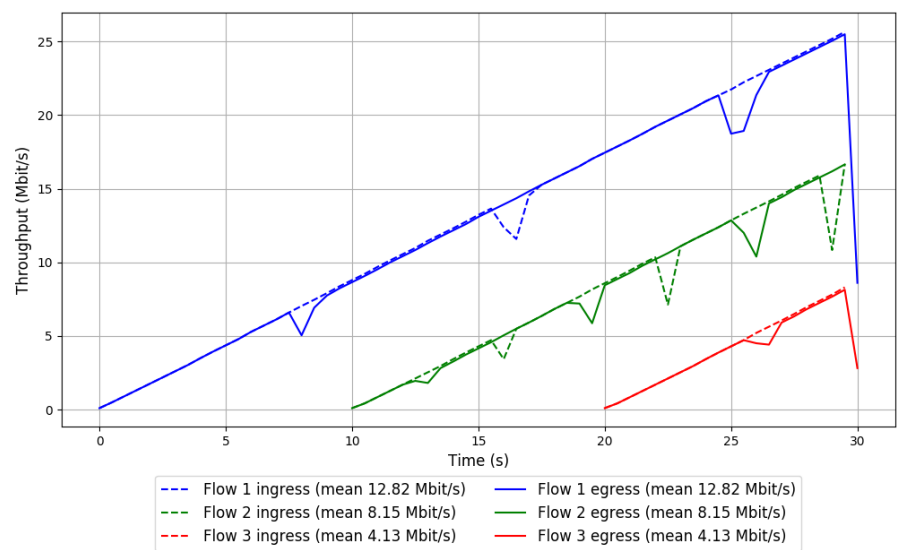


Run 4: Statistics of LEDBAT

Start at: 2017-11-16 11:53:01
End at: 2017-11-16 11:53:31
Local clock offset: 0.098 ms
Remote clock offset: -4.101 ms

Below is generated by plot.py at 2017-11-16 15:07:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 19.58 Mbit/s
95th percentile per-packet one-way delay: 84.045 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.82 Mbit/s
95th percentile per-packet one-way delay: 82.939 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.15 Mbit/s
95th percentile per-packet one-way delay: 83.682 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.13 Mbit/s
95th percentile per-packet one-way delay: 84.429 ms
Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link

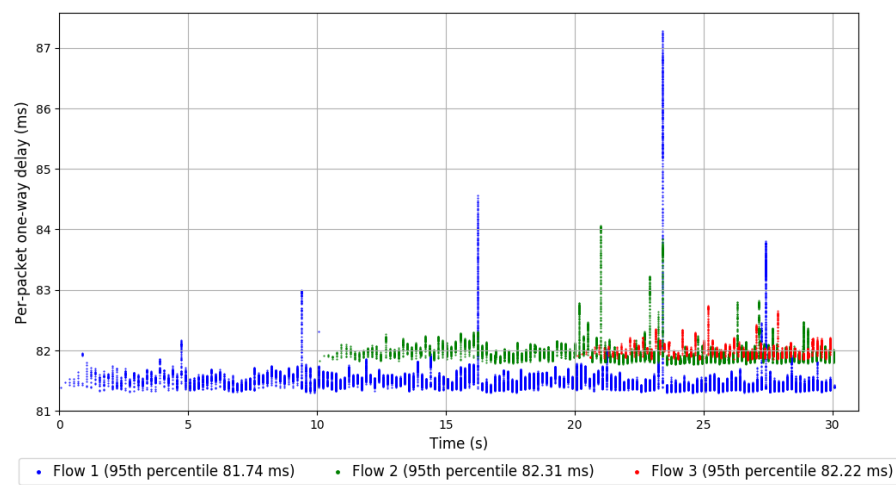
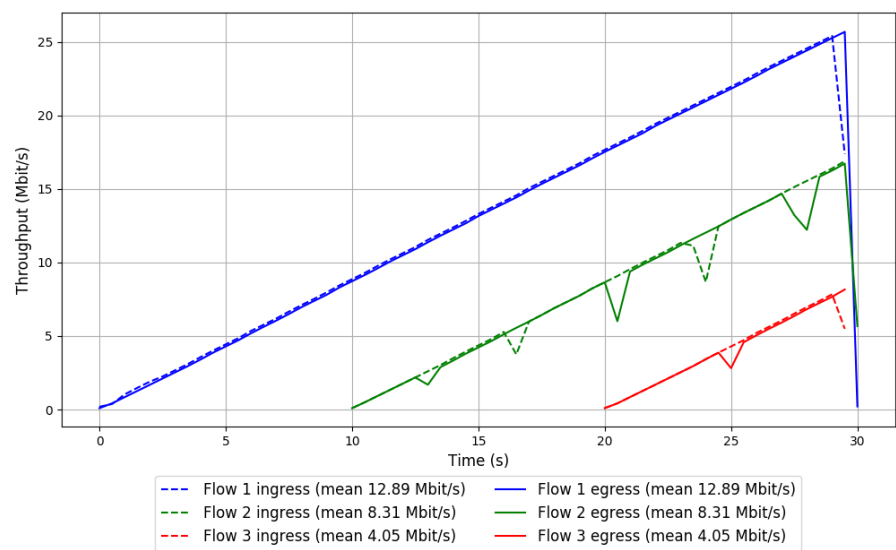


Run 5: Statistics of LEDBAT

Start at: 2017-11-16 12:12:46
End at: 2017-11-16 12:13:16
Local clock offset: 0.058 ms
Remote clock offset: -5.816 ms

Below is generated by plot.py at 2017-11-16 15:07:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 19.75 Mbit/s
95th percentile per-packet one-way delay: 82.143 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.89 Mbit/s
95th percentile per-packet one-way delay: 81.744 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.31 Mbit/s
95th percentile per-packet one-way delay: 82.315 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.05 Mbit/s
95th percentile per-packet one-way delay: 82.217 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

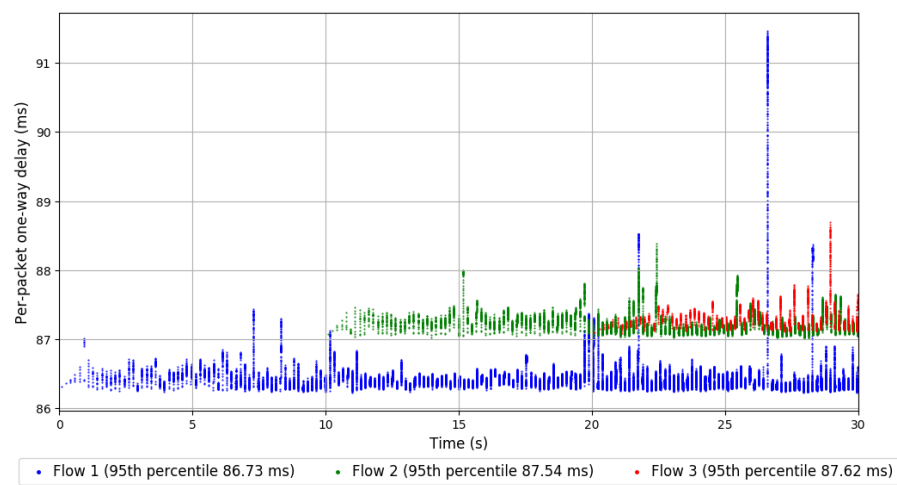
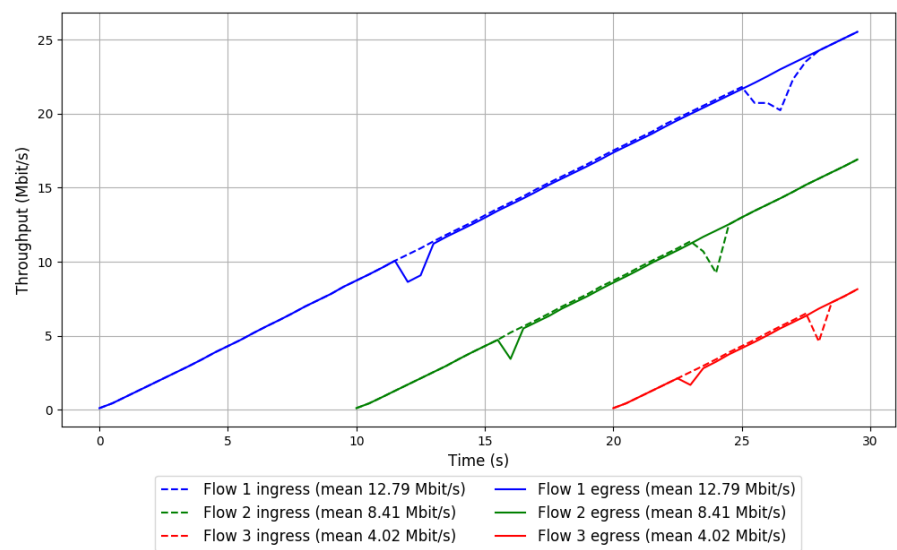


Run 6: Statistics of LEDBAT

Start at: 2017-11-16 12:32:29
End at: 2017-11-16 12:32:59
Local clock offset: 0.032 ms
Remote clock offset: -2.636 ms

Below is generated by plot.py at 2017-11-16 15:07:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 19.69 Mbit/s
95th percentile per-packet one-way delay: 87.407 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.79 Mbit/s
95th percentile per-packet one-way delay: 86.729 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.41 Mbit/s
95th percentile per-packet one-way delay: 87.536 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.02 Mbit/s
95th percentile per-packet one-way delay: 87.617 ms
Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link

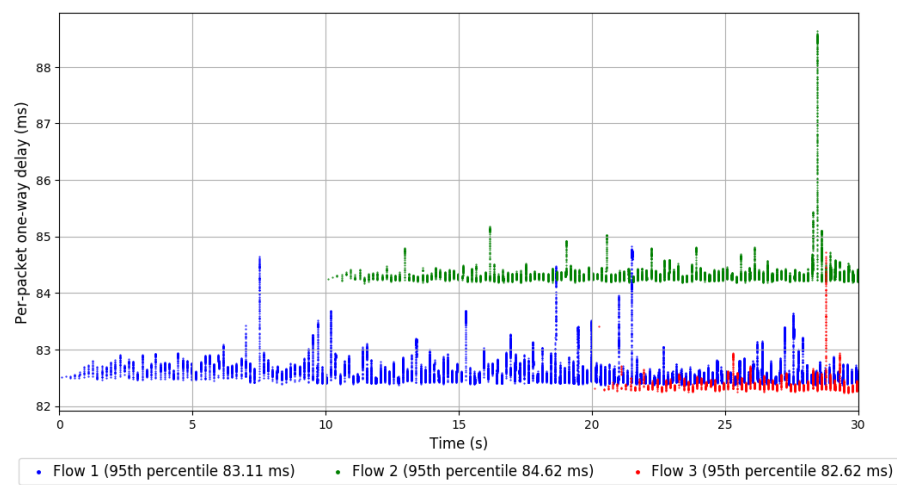
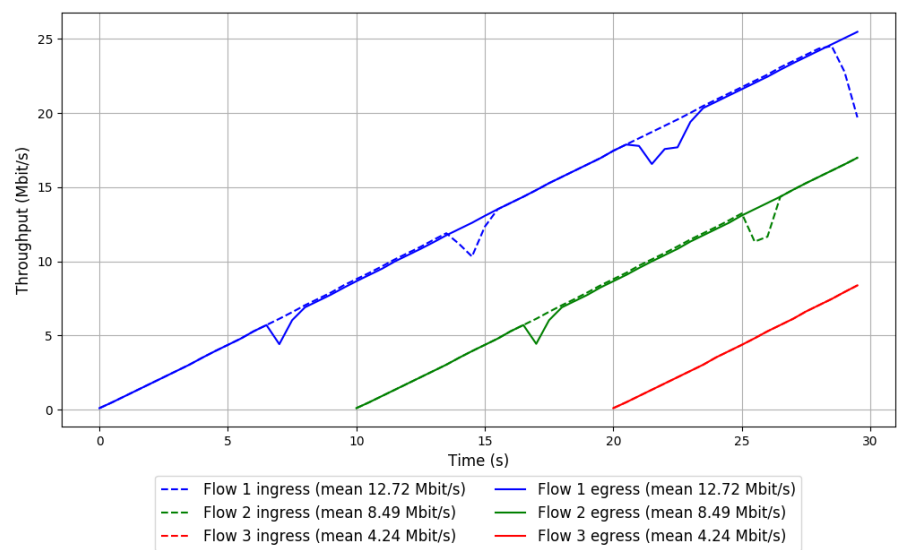


Run 7: Statistics of LEDBAT

Start at: 2017-11-16 12:52:13
End at: 2017-11-16 12:52:43
Local clock offset: -0.055 ms
Remote clock offset: -6.322 ms

Below is generated by plot.py at 2017-11-16 15:07:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 19.74 Mbit/s
95th percentile per-packet one-way delay: 84.387 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.72 Mbit/s
95th percentile per-packet one-way delay: 83.113 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.49 Mbit/s
95th percentile per-packet one-way delay: 84.618 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.24 Mbit/s
95th percentile per-packet one-way delay: 82.625 ms
Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

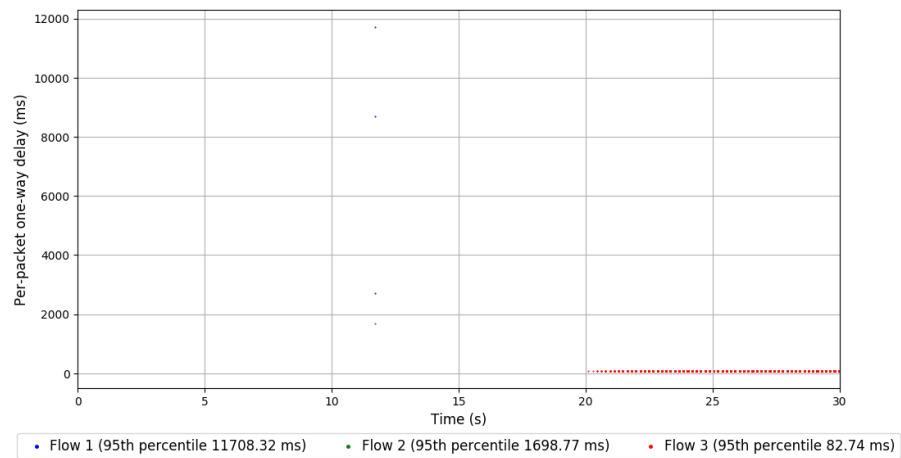
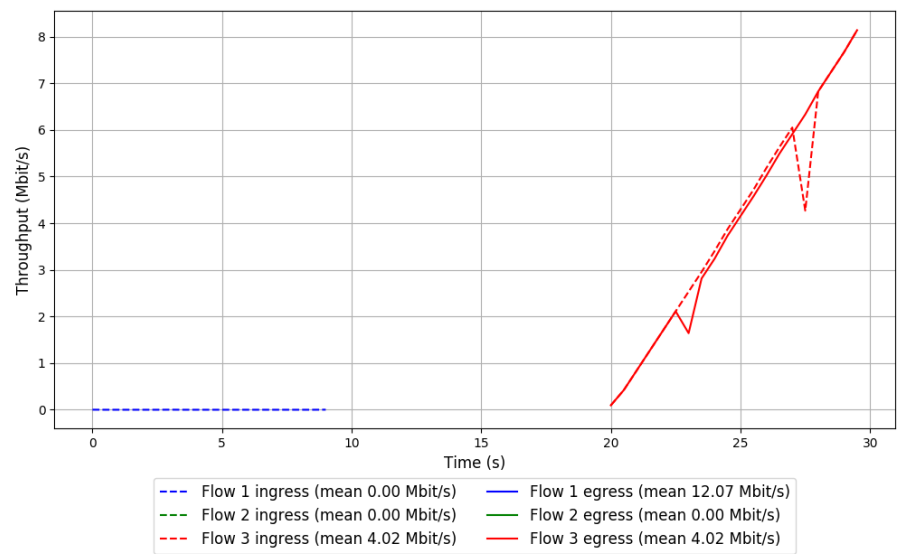
Start at: 2017-11-16 13:12:06

End at: 2017-11-16 13:12:36

Local clock offset: -0.175 ms

Remote clock offset: -8.027 ms

Run 8: Report of LEDBAT — Data Link

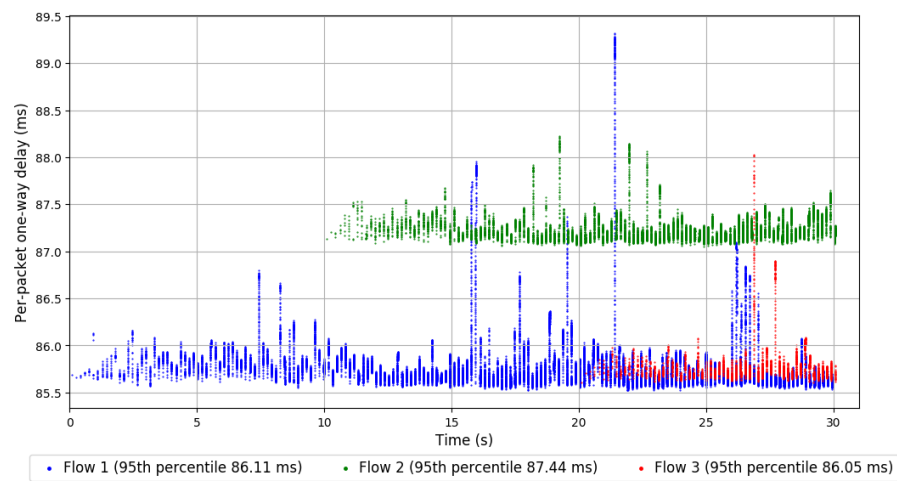
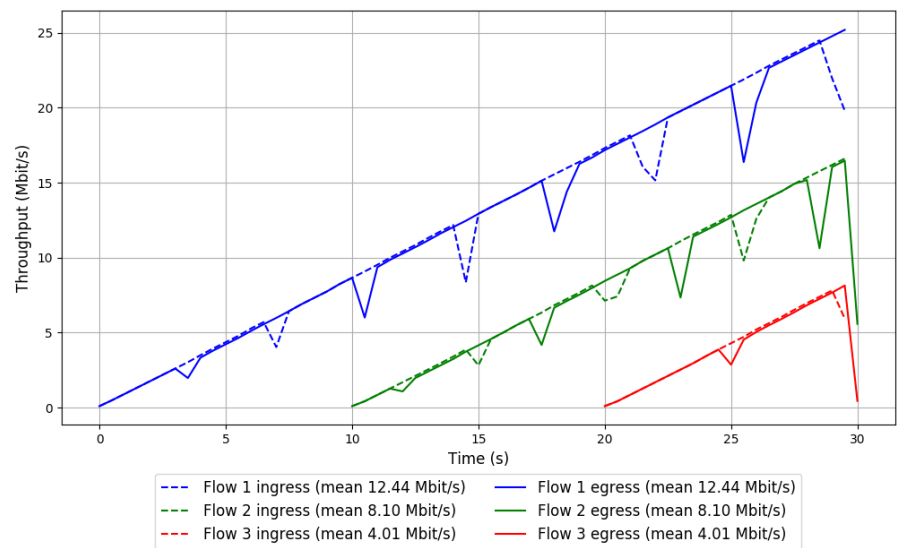


Run 9: Statistics of LEDBAT

Start at: 2017-11-16 13:31:54
End at: 2017-11-16 13:32:24
Local clock offset: -0.333 ms
Remote clock offset: -3.988 ms

Below is generated by plot.py at 2017-11-16 15:07:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 19.11 Mbit/s
95th percentile per-packet one-way delay: 87.347 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.44 Mbit/s
95th percentile per-packet one-way delay: 86.111 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.10 Mbit/s
95th percentile per-packet one-way delay: 87.444 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.01 Mbit/s
95th percentile per-packet one-way delay: 86.048 ms
Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link

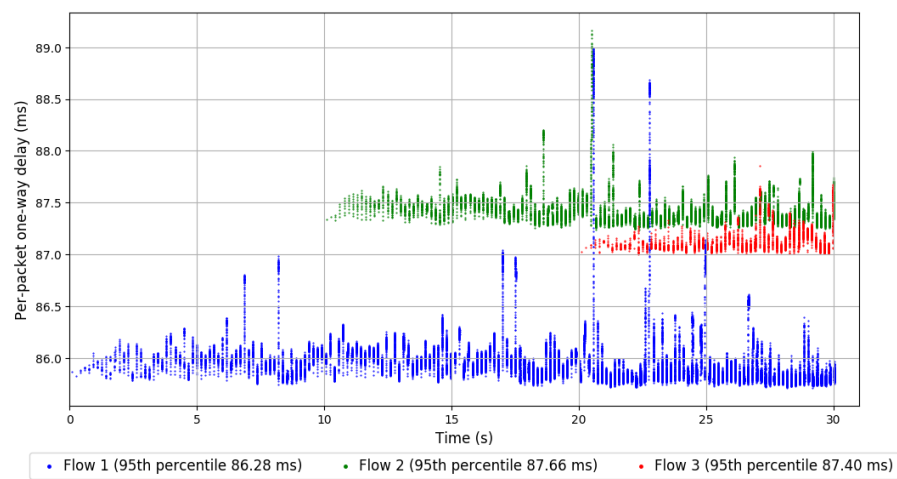
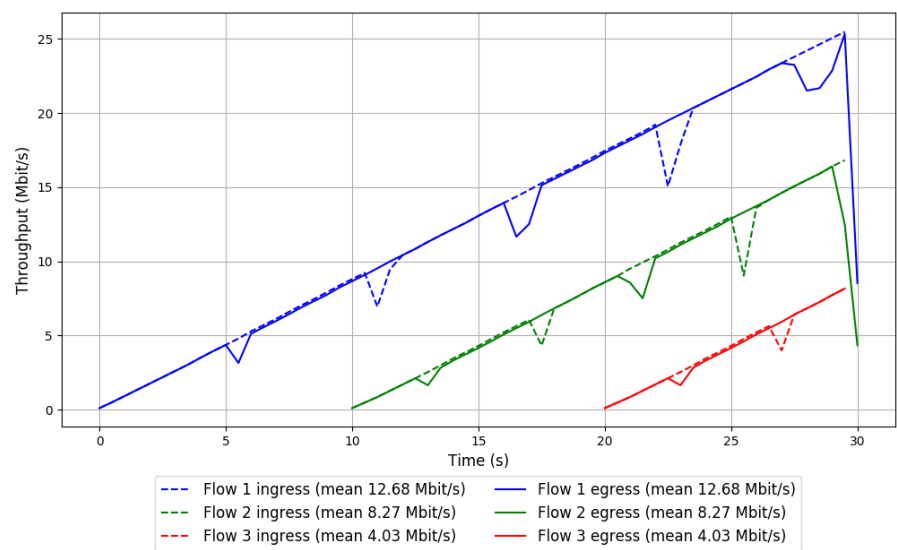


Run 10: Statistics of LEDBAT

Start at: 2017-11-16 13:51:51
End at: 2017-11-16 13:52:21
Local clock offset: -0.269 ms
Remote clock offset: -3.913 ms

Below is generated by plot.py at 2017-11-16 15:07:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 19.51 Mbit/s
95th percentile per-packet one-way delay: 87.530 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.68 Mbit/s
95th percentile per-packet one-way delay: 86.283 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.27 Mbit/s
95th percentile per-packet one-way delay: 87.655 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.03 Mbit/s
95th percentile per-packet one-way delay: 87.400 ms
Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

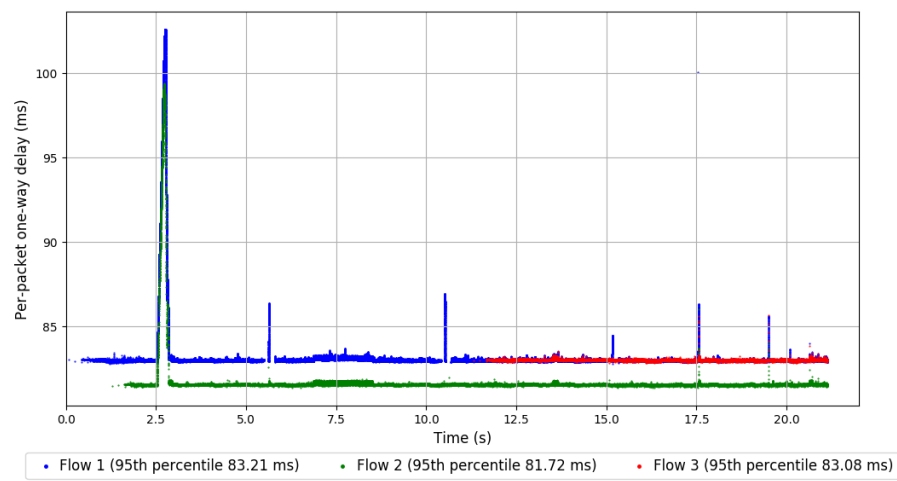
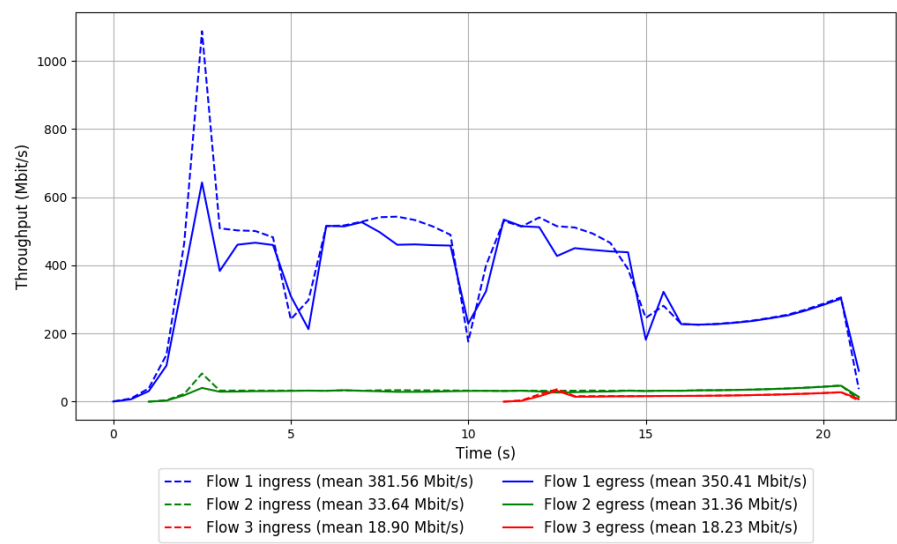
Start at: 2017-11-16 10:39:31

End at: 2017-11-16 10:40:01

Local clock offset: 0.094 ms

Remote clock offset: -4.769 ms

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: 2017-11-16 10:59:33

End at: 2017-11-16 11:00:03

Local clock offset: 0.016 ms

Remote clock offset: 1.098 ms

Below is generated by plot.py at 2017-11-16 15:10:00

Datalink statistics

-- Total of 3 flows:

Average throughput: 326.95 Mbit/s

95th percentile per-packet one-way delay: 87.342 ms

Loss rate: 15.39%

-- Flow 1:

Average throughput: 250.05 Mbit/s

95th percentile per-packet one-way delay: 87.132 ms

Loss rate: 11.23%

-- Flow 2:

Average throughput: 3.71 Mbit/s

95th percentile per-packet one-way delay: 88.744 ms

Loss rate: 13.25%

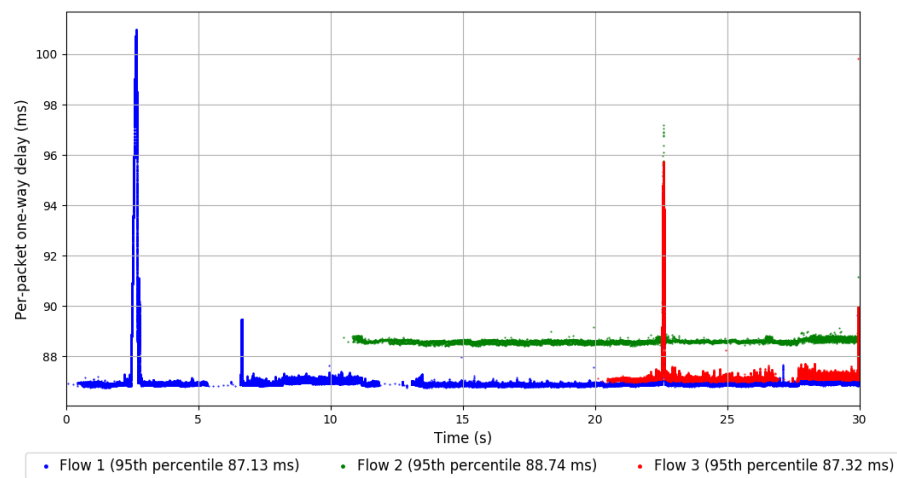
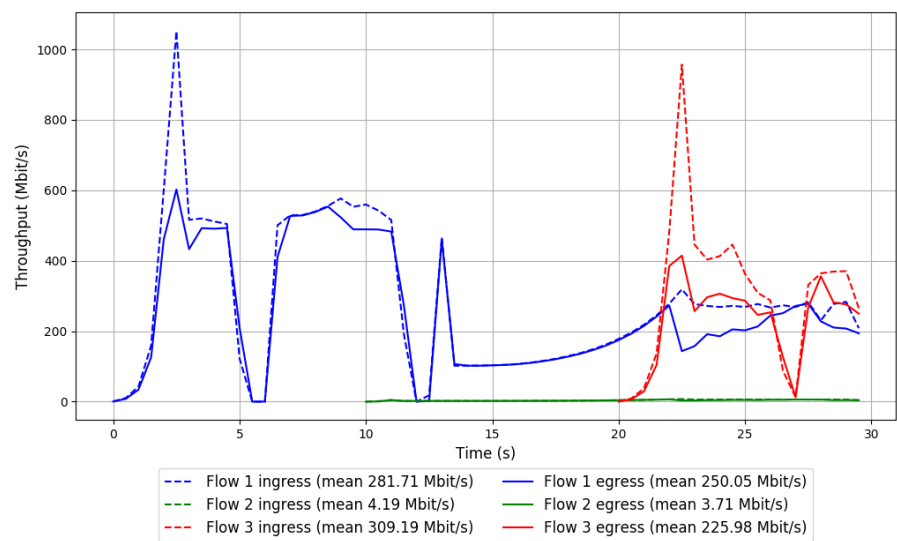
-- Flow 3:

Average throughput: 225.98 Mbit/s

95th percentile per-packet one-way delay: 87.319 ms

Loss rate: 26.93%

Run 2: Report of PCC — Data Link

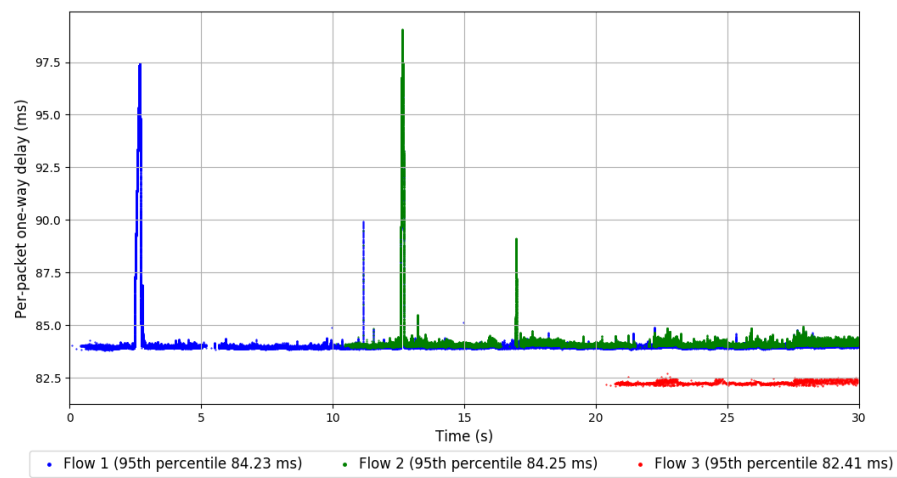
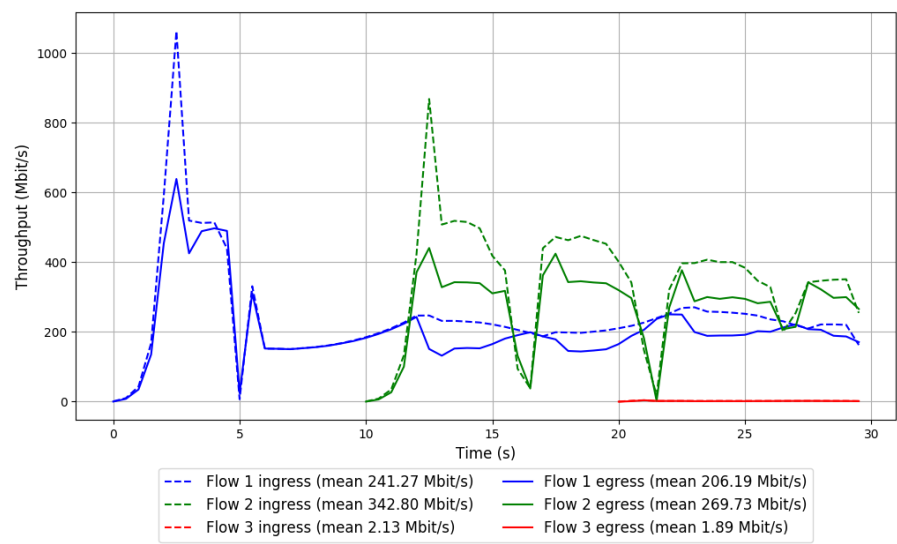


Run 3: Statistics of PCC

Start at: 2017-11-16 11:19:36
End at: 2017-11-16 11:20:06
Local clock offset: 0.115 ms
Remote clock offset: -3.185 ms

Below is generated by plot.py at 2017-11-16 15:11:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 385.95 Mbit/s
95th percentile per-packet one-way delay: 84.248 ms
Loss rate: 17.82%
-- Flow 1:
Average throughput: 206.19 Mbit/s
95th percentile per-packet one-way delay: 84.235 ms
Loss rate: 14.54%
-- Flow 2:
Average throughput: 269.73 Mbit/s
95th percentile per-packet one-way delay: 84.249 ms
Loss rate: 21.32%
-- Flow 3:
Average throughput: 1.89 Mbit/s
95th percentile per-packet one-way delay: 82.407 ms
Loss rate: 13.70%

Run 3: Report of PCC — Data Link

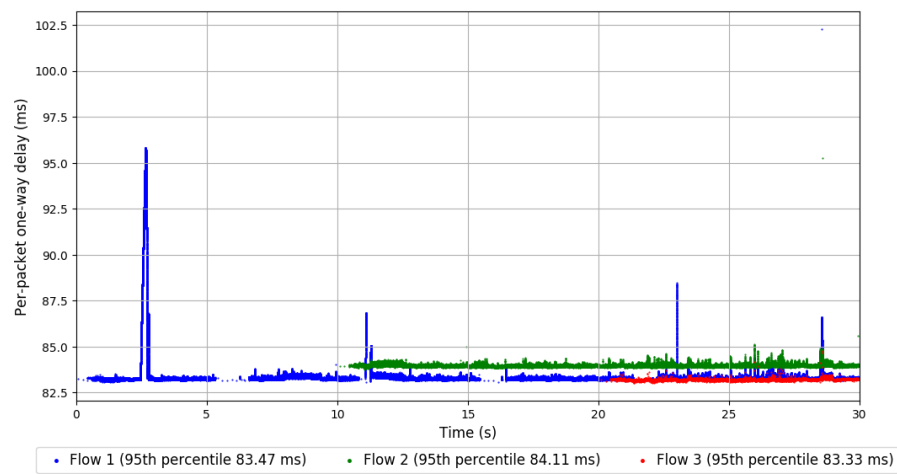
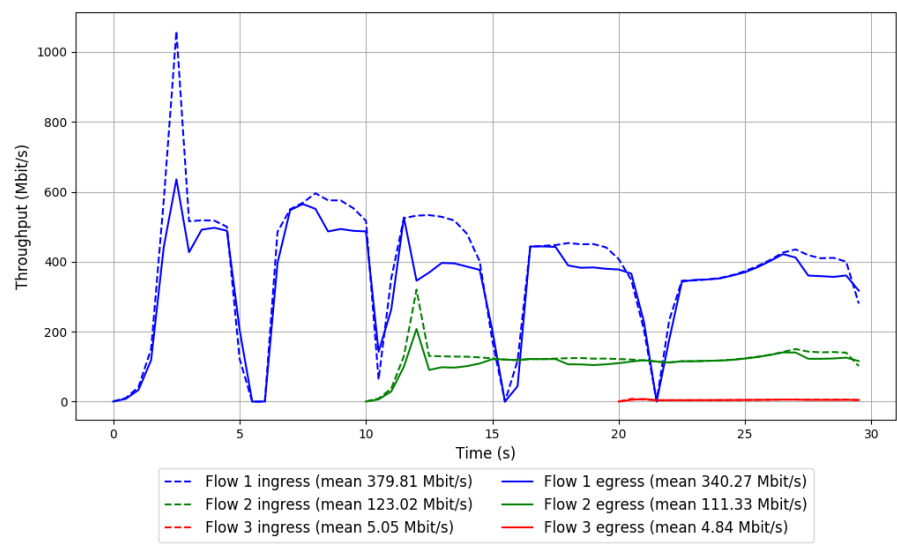


Run 4: Statistics of PCC

Start at: 2017-11-16 11:39:31
End at: 2017-11-16 11:40:01
Local clock offset: 0.065 ms
Remote clock offset: -4.385 ms

Below is generated by plot.py at 2017-11-16 15:11:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 415.86 Mbit/s
95th percentile per-packet one-way delay: 84.008 ms
Loss rate: 10.23%
-- Flow 1:
Average throughput: 340.27 Mbit/s
95th percentile per-packet one-way delay: 83.465 ms
Loss rate: 10.41%
-- Flow 2:
Average throughput: 111.33 Mbit/s
95th percentile per-packet one-way delay: 84.107 ms
Loss rate: 9.50%
-- Flow 3:
Average throughput: 4.84 Mbit/s
95th percentile per-packet one-way delay: 83.329 ms
Loss rate: 4.26%

Run 4: Report of PCC — Data Link

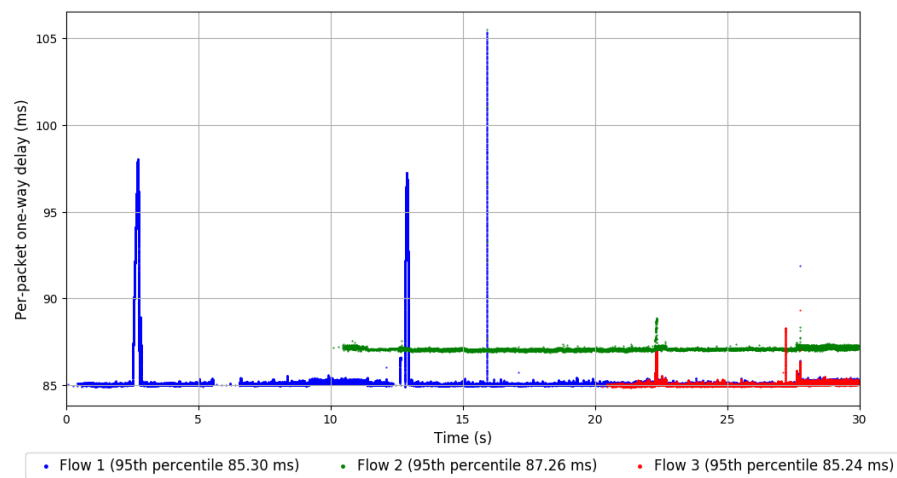
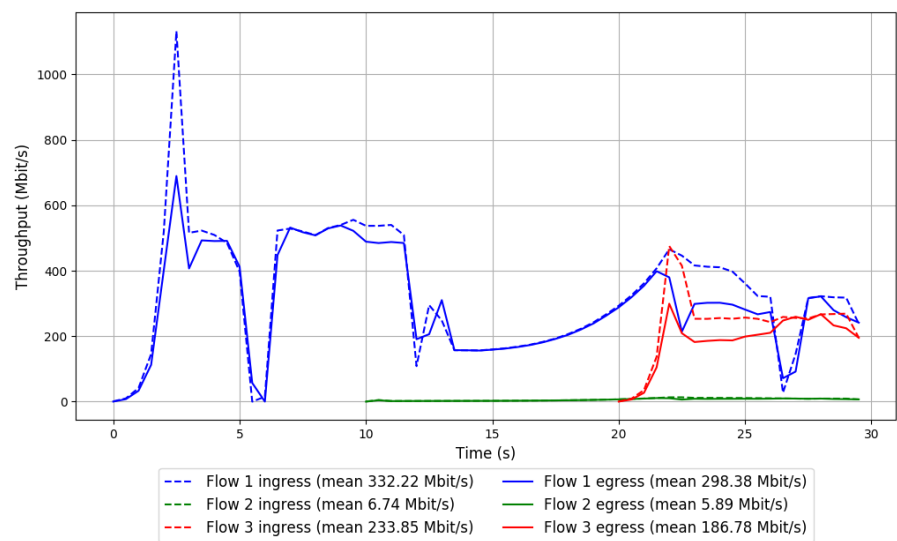


Run 5: Statistics of PCC

Start at: 2017-11-16 11:59:26
End at: 2017-11-16 11:59:56
Local clock offset: 0.052 ms
Remote clock offset: -1.693 ms

Below is generated by plot.py at 2017-11-16 15:11:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 363.89 Mbit/s
95th percentile per-packet one-way delay: 85.496 ms
Loss rate: 12.06%
-- Flow 1:
Average throughput: 298.38 Mbit/s
95th percentile per-packet one-way delay: 85.297 ms
Loss rate: 10.19%
-- Flow 2:
Average throughput: 5.89 Mbit/s
95th percentile per-packet one-way delay: 87.264 ms
Loss rate: 12.62%
-- Flow 3:
Average throughput: 186.78 Mbit/s
95th percentile per-packet one-way delay: 85.242 ms
Loss rate: 20.13%

Run 5: Report of PCC — Data Link

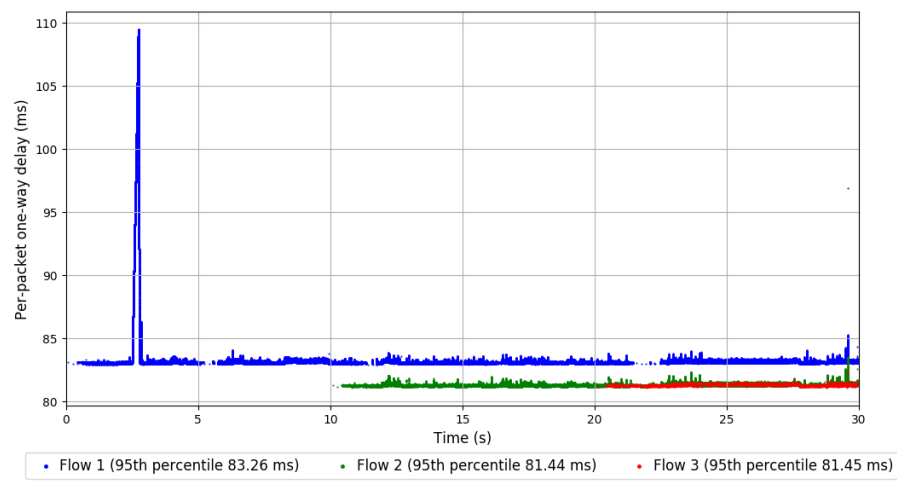
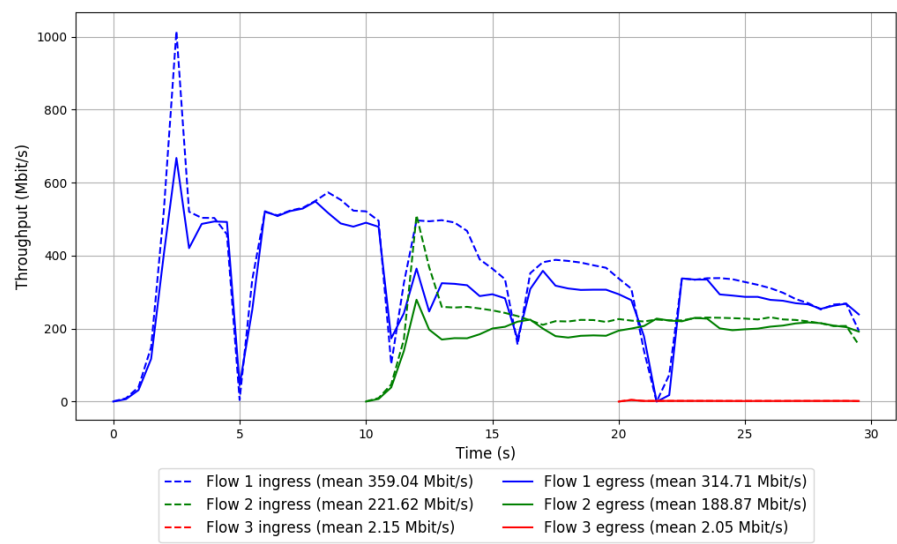


Run 6: Statistics of PCC

Start at: 2017-11-16 12:19:09
End at: 2017-11-16 12:19:39
Local clock offset: 0.043 ms
Remote clock offset: -6.483 ms

Below is generated by plot.py at 2017-11-16 15:13:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 440.95 Mbit/s
95th percentile per-packet one-way delay: 83.242 ms
Loss rate: 13.04%
-- Flow 1:
Average throughput: 314.71 Mbit/s
95th percentile per-packet one-way delay: 83.262 ms
Loss rate: 12.35%
-- Flow 2:
Average throughput: 188.87 Mbit/s
95th percentile per-packet one-way delay: 81.438 ms
Loss rate: 14.78%
-- Flow 3:
Average throughput: 2.05 Mbit/s
95th percentile per-packet one-way delay: 81.449 ms
Loss rate: 4.59%

Run 6: Report of PCC — Data Link

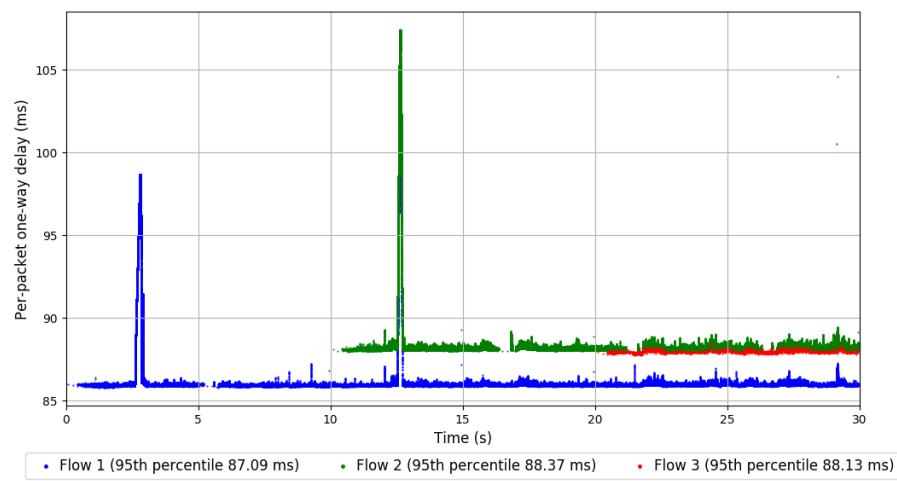
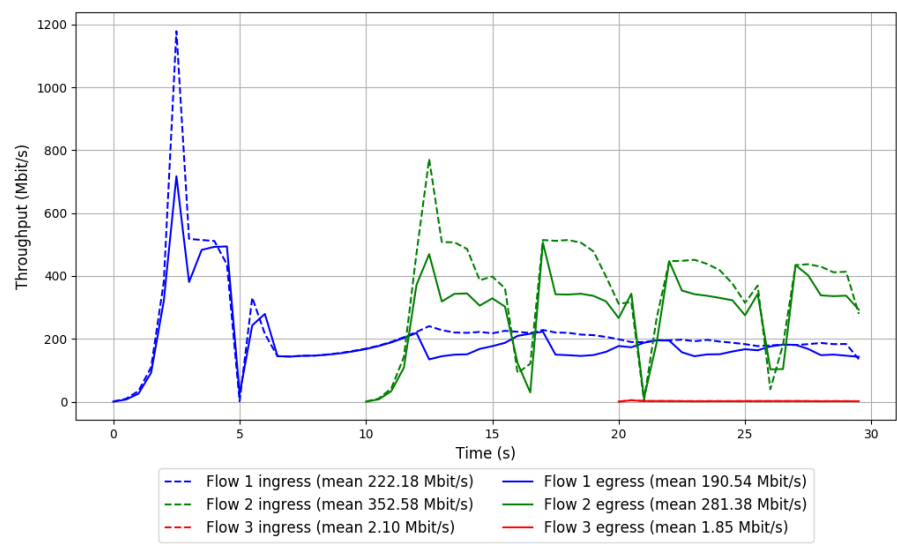


Run 7: Statistics of PCC

Start at: 2017-11-16 12:38:53
End at: 2017-11-16 12:39:23
Local clock offset: 0.034 ms
Remote clock offset: -2.346 ms

Below is generated by plot.py at 2017-11-16 15:13:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 378.22 Mbit/s
95th percentile per-packet one-way delay: 88.361 ms
Loss rate: 17.29%
-- Flow 1:
Average throughput: 190.54 Mbit/s
95th percentile per-packet one-way delay: 87.092 ms
Loss rate: 14.24%
-- Flow 2:
Average throughput: 281.38 Mbit/s
95th percentile per-packet one-way delay: 88.371 ms
Loss rate: 20.19%
-- Flow 3:
Average throughput: 1.85 Mbit/s
95th percentile per-packet one-way delay: 88.127 ms
Loss rate: 12.25%

Run 7: Report of PCC — Data Link

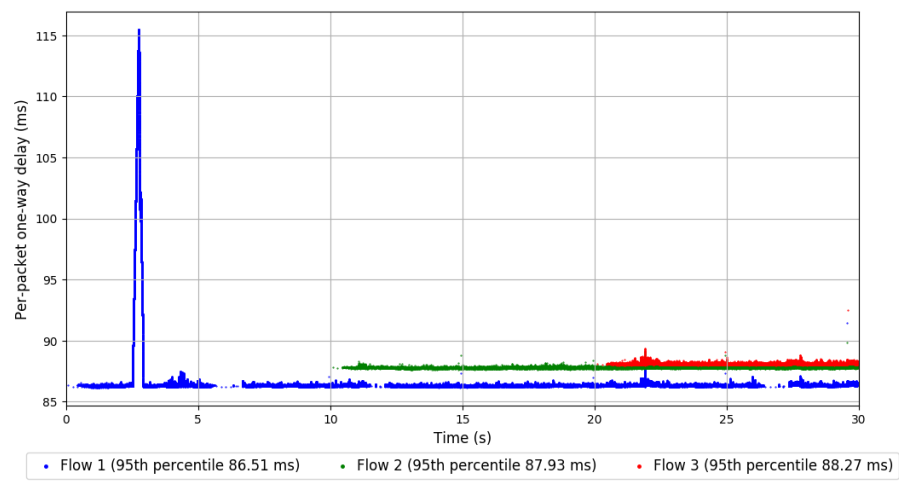
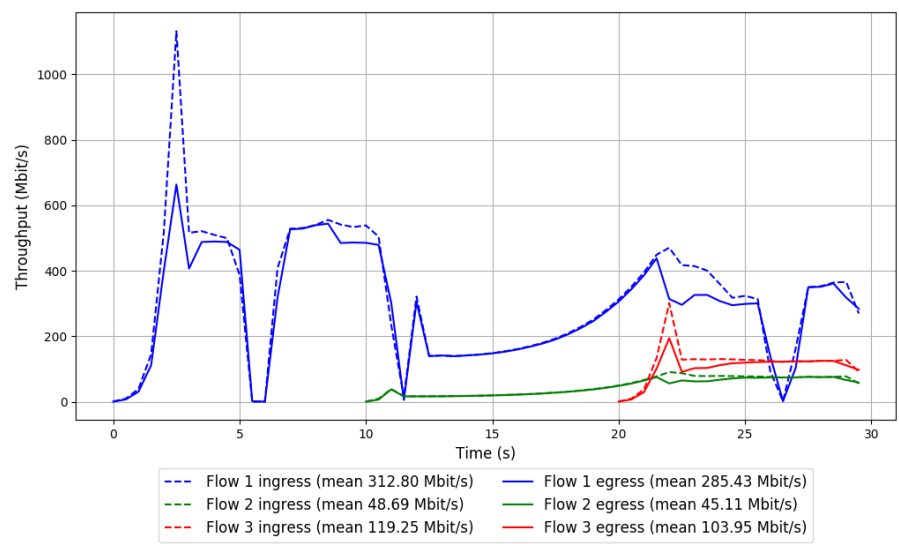


Run 8: Statistics of PCC

Start at: 2017-11-16 12:58:43
End at: 2017-11-16 12:59:13
Local clock offset: -0.176 ms
Remote clock offset: -2.515 ms

Below is generated by plot.py at 2017-11-16 15:13:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 349.63 Mbit/s
95th percentile per-packet one-way delay: 88.134 ms
Loss rate: 9.05%
-- Flow 1:
Average throughput: 285.43 Mbit/s
95th percentile per-packet one-way delay: 86.506 ms
Loss rate: 8.75%
-- Flow 2:
Average throughput: 45.11 Mbit/s
95th percentile per-packet one-way delay: 87.926 ms
Loss rate: 7.36%
-- Flow 3:
Average throughput: 103.95 Mbit/s
95th percentile per-packet one-way delay: 88.265 ms
Loss rate: 12.83%

Run 8: Report of PCC — Data Link

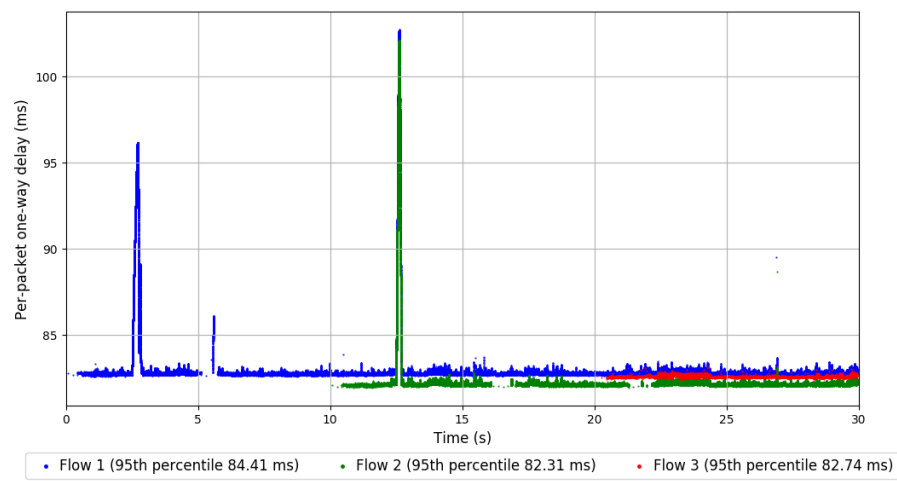
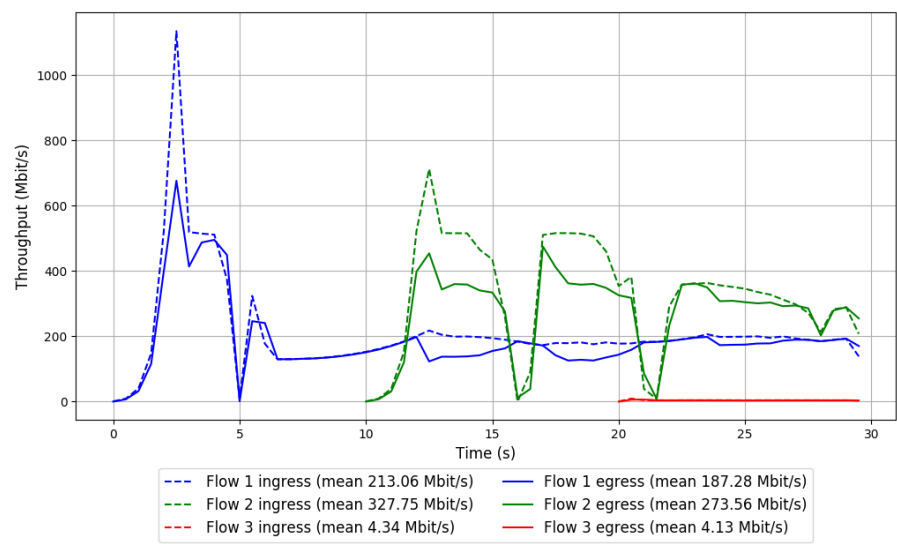


Run 9: Statistics of PCC

Start at: 2017-11-16 13:18:31
End at: 2017-11-16 13:19:01
Local clock offset: -0.218 ms
Remote clock offset: -7.302 ms

Below is generated by plot.py at 2017-11-16 15:15:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 370.54 Mbit/s
95th percentile per-packet one-way delay: 82.941 ms
Loss rate: 14.31%
-- Flow 1:
Average throughput: 187.28 Mbit/s
95th percentile per-packet one-way delay: 84.413 ms
Loss rate: 12.10%
-- Flow 2:
Average throughput: 273.56 Mbit/s
95th percentile per-packet one-way delay: 82.311 ms
Loss rate: 16.53%
-- Flow 3:
Average throughput: 4.13 Mbit/s
95th percentile per-packet one-way delay: 82.737 ms
Loss rate: 4.82%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: 2017-11-16 13:38:21

End at: 2017-11-16 13:38:51

Local clock offset: -0.289 ms

Remote clock offset: -2.47 ms

Below is generated by plot.py at 2017-11-16 15:16:57

Datalink statistics

-- Total of 3 flows:

Average throughput: 407.70 Mbit/s

95th percentile per-packet one-way delay: 89.099 ms

Loss rate: 6.02%

-- Flow 1:

Average throughput: 405.22 Mbit/s

95th percentile per-packet one-way delay: 89.103 ms

Loss rate: 6.04%

-- Flow 2:

Average throughput: 2.45 Mbit/s

95th percentile per-packet one-way delay: 87.731 ms

Loss rate: 3.18%

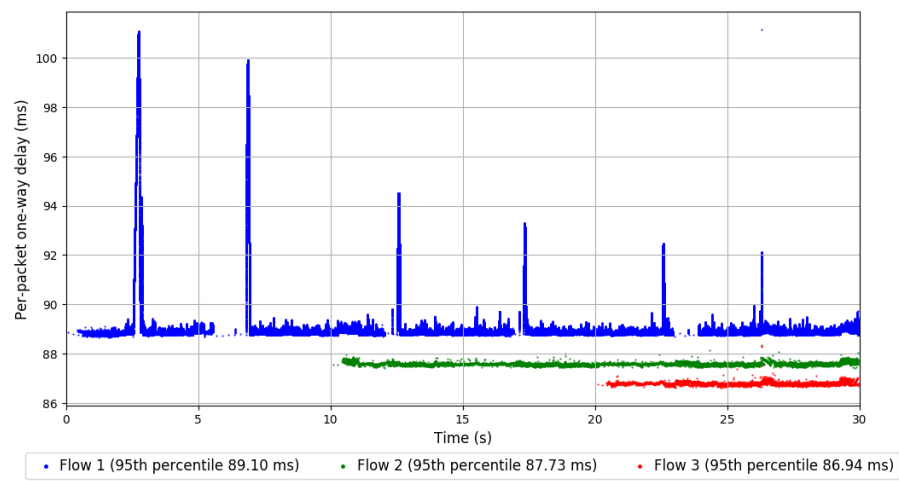
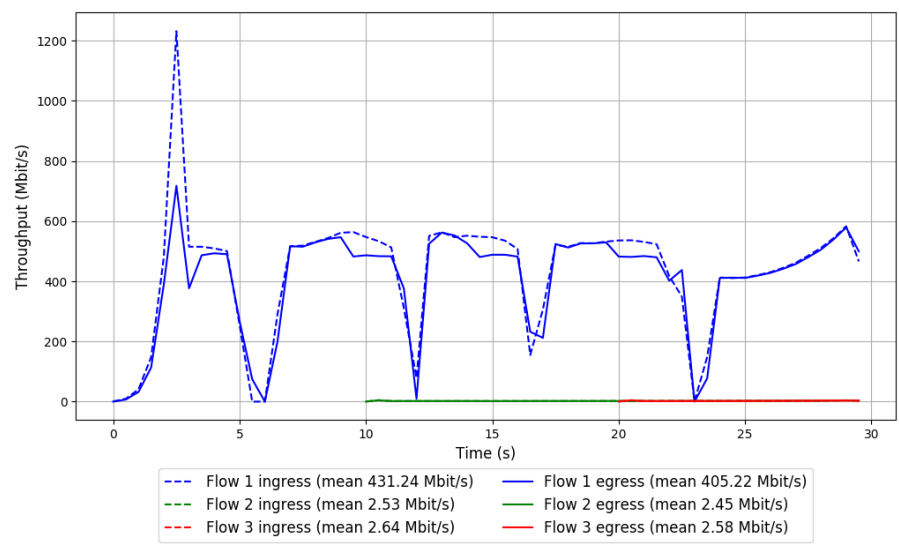
-- Flow 3:

Average throughput: 2.58 Mbit/s

95th percentile per-packet one-way delay: 86.935 ms

Loss rate: 2.39%

Run 10: Report of PCC — Data Link

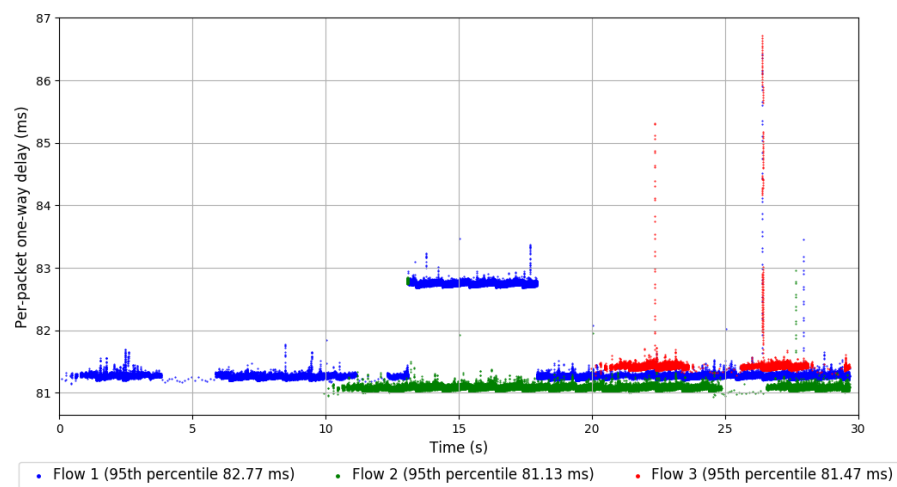
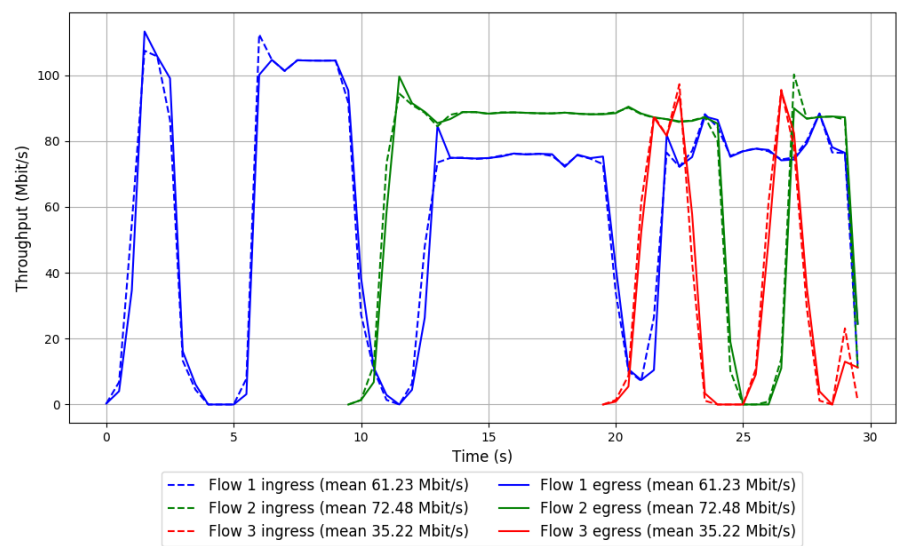


Run 1: Statistics of QUIC Cubic

Start at: 2017-11-16 10:56:48
End at: 2017-11-16 10:57:18
Local clock offset: 0.078 ms
Remote clock offset: -4.698 ms

Below is generated by plot.py at 2017-11-16 15:16:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 121.10 Mbit/s
95th percentile per-packet one-way delay: 82.754 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 61.23 Mbit/s
95th percentile per-packet one-way delay: 82.769 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 72.48 Mbit/s
95th percentile per-packet one-way delay: 81.127 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 35.22 Mbit/s
95th percentile per-packet one-way delay: 81.469 ms
Loss rate: 0.00%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2017-11-16 11:16:50

End at: 2017-11-16 11:17:20

Local clock offset: 0.084 ms

Remote clock offset: 0.7 ms

Below is generated by plot.py at 2017-11-16 15:16:57

Datalink statistics

-- Total of 3 flows:

Average throughput: 134.98 Mbit/s

95th percentile per-packet one-way delay: 88.009 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 78.54 Mbit/s

95th percentile per-packet one-way delay: 87.028 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 60.98 Mbit/s

95th percentile per-packet one-way delay: 88.019 ms

Loss rate: 0.00%

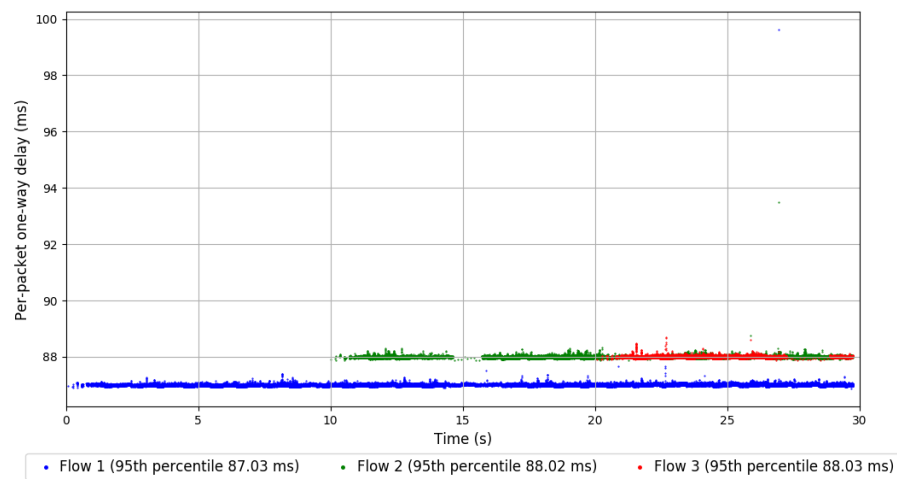
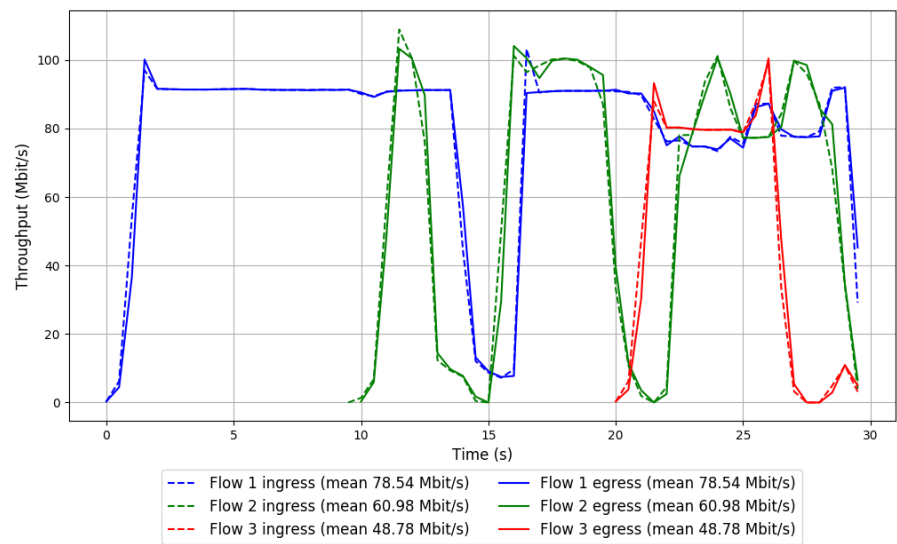
-- Flow 3:

Average throughput: 48.78 Mbit/s

95th percentile per-packet one-way delay: 88.028 ms

Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link

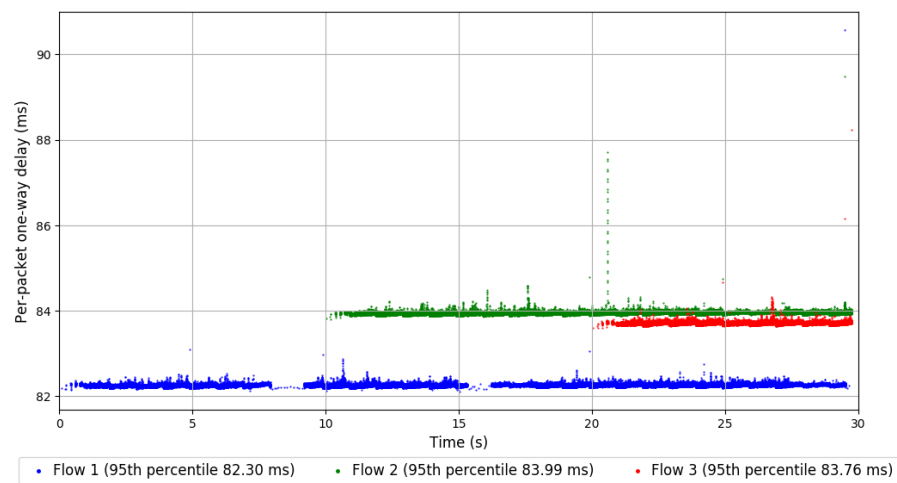
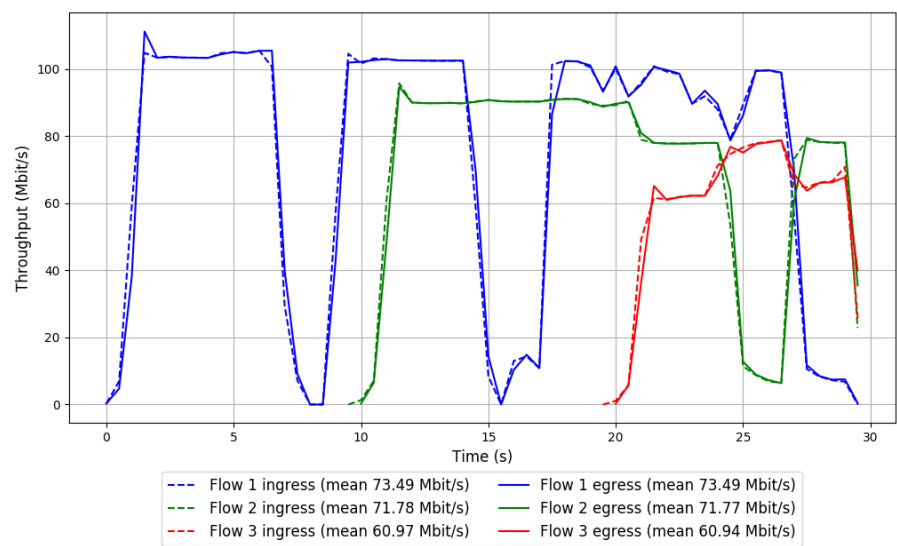


Run 3: Statistics of QUIC Cubic

Start at: 2017-11-16 11:36:41
End at: 2017-11-16 11:37:11
Local clock offset: 0.053 ms
Remote clock offset: -3.537 ms

Below is generated by plot.py at 2017-11-16 15:16:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 140.94 Mbit/s
95th percentile per-packet one-way delay: 83.974 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 73.49 Mbit/s
95th percentile per-packet one-way delay: 82.298 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 71.77 Mbit/s
95th percentile per-packet one-way delay: 83.990 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 60.94 Mbit/s
95th percentile per-packet one-way delay: 83.757 ms
Loss rate: 0.01%

Run 3: Report of QUIC Cubic — Data Link

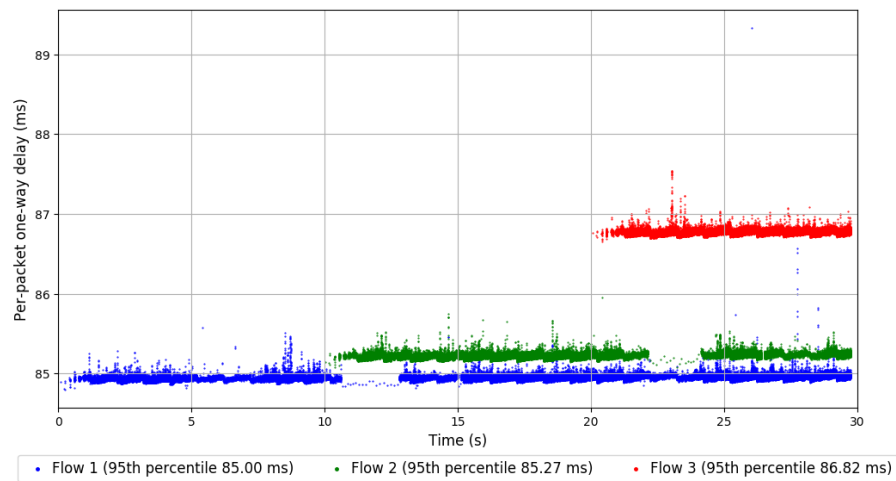
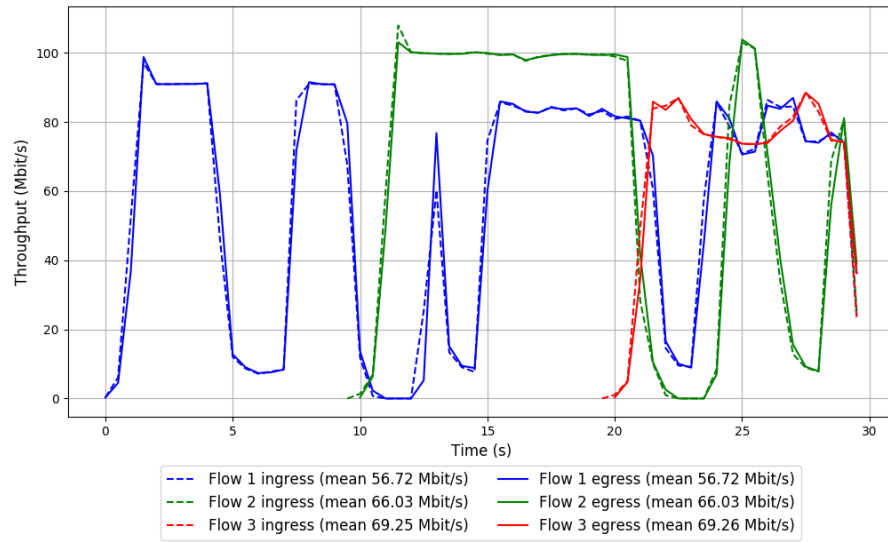


Run 4: Statistics of QUIC Cubic

Start at: 2017-11-16 11:56:44
End at: 2017-11-16 11:57:14
Local clock offset: 0.044 ms
Remote clock offset: -1.599 ms

Below is generated by plot.py at 2017-11-16 15:16:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 123.26 Mbit/s
95th percentile per-packet one-way delay: 86.791 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.72 Mbit/s
95th percentile per-packet one-way delay: 84.996 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 66.03 Mbit/s
95th percentile per-packet one-way delay: 85.269 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 69.26 Mbit/s
95th percentile per-packet one-way delay: 86.818 ms
Loss rate: 0.01%

Run 4: Report of QUIC Cubic — Data Link

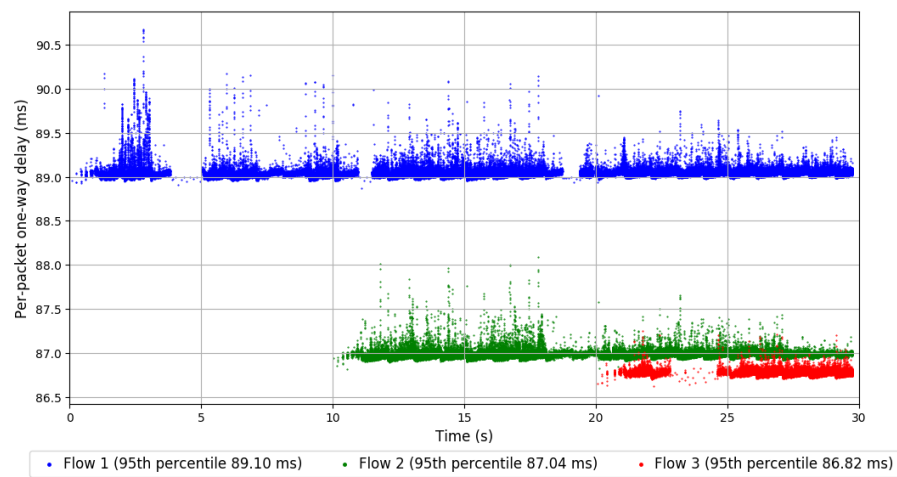
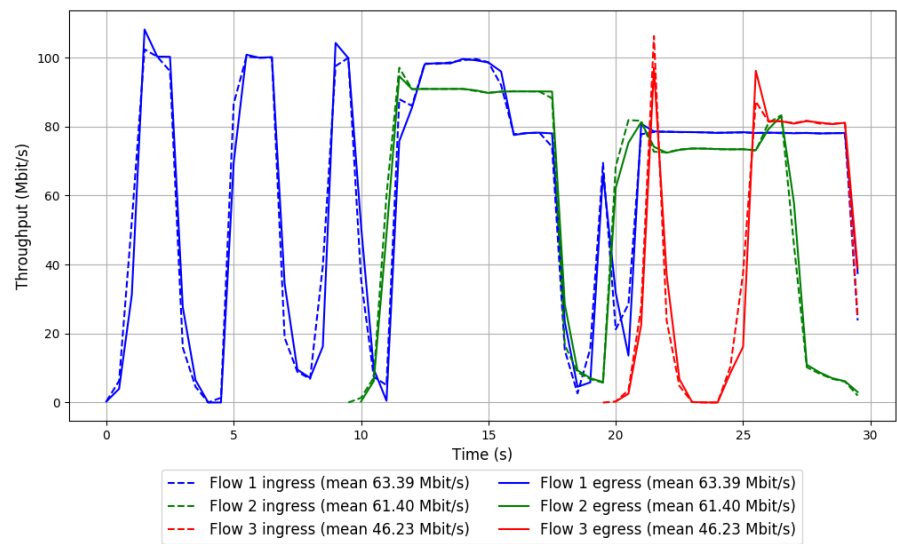


Run 5: Statistics of QUIC Cubic

Start at: 2017-11-16 12:16:29
End at: 2017-11-16 12:16:59
Local clock offset: -0.005 ms
Remote clock offset: -0.706 ms

Below is generated by plot.py at 2017-11-16 15:16:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 119.32 Mbit/s
95th percentile per-packet one-way delay: 89.082 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 63.39 Mbit/s
95th percentile per-packet one-way delay: 89.101 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 61.40 Mbit/s
95th percentile per-packet one-way delay: 87.036 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 46.23 Mbit/s
95th percentile per-packet one-way delay: 86.824 ms
Loss rate: 0.00%

Run 5: Report of QUIC Cubic — Data Link

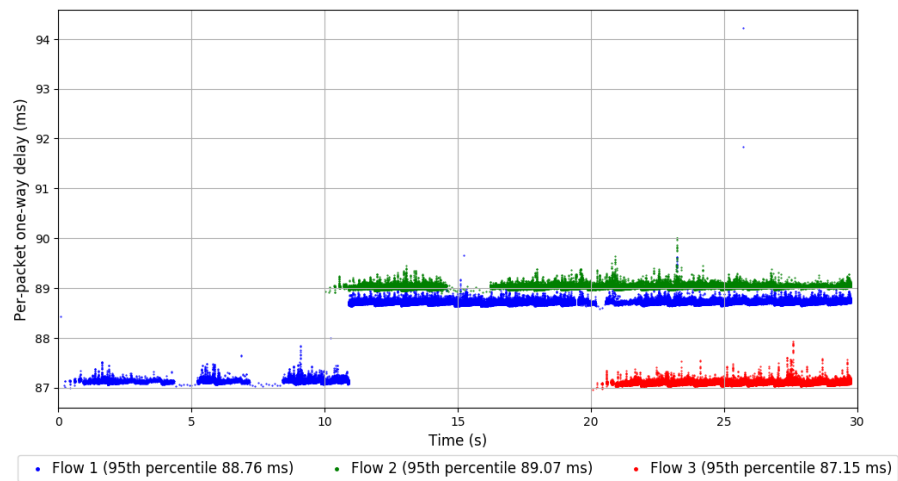
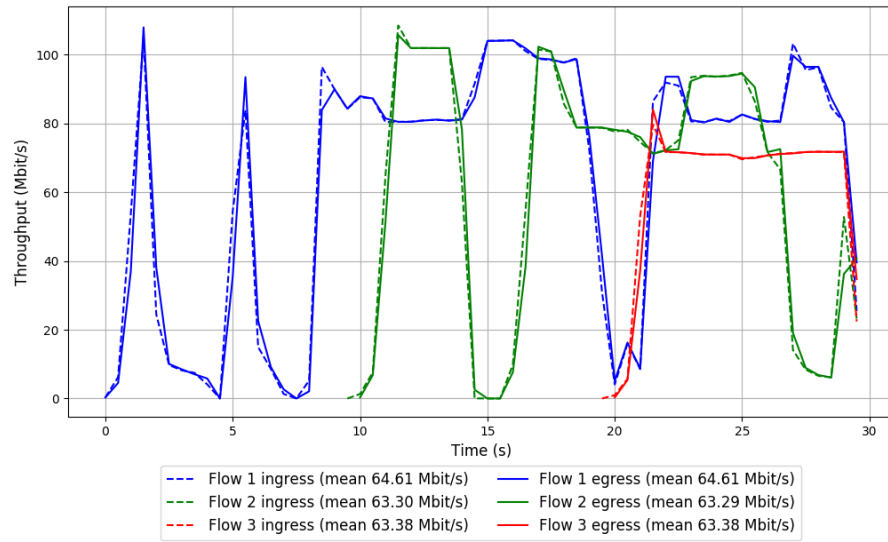


Run 6: Statistics of QUIC Cubic

Start at: 2017-11-16 12:36:13
End at: 2017-11-16 12:36:43
Local clock offset: 0.057 ms
Remote clock offset: -1.067 ms

Below is generated by plot.py at 2017-11-16 15:16:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 127.42 Mbit/s
95th percentile per-packet one-way delay: 89.053 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 64.61 Mbit/s
95th percentile per-packet one-way delay: 88.757 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 63.29 Mbit/s
95th percentile per-packet one-way delay: 89.074 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 63.38 Mbit/s
95th percentile per-packet one-way delay: 87.147 ms
Loss rate: 0.00%

Run 6: Report of QUIC Cubic — Data Link

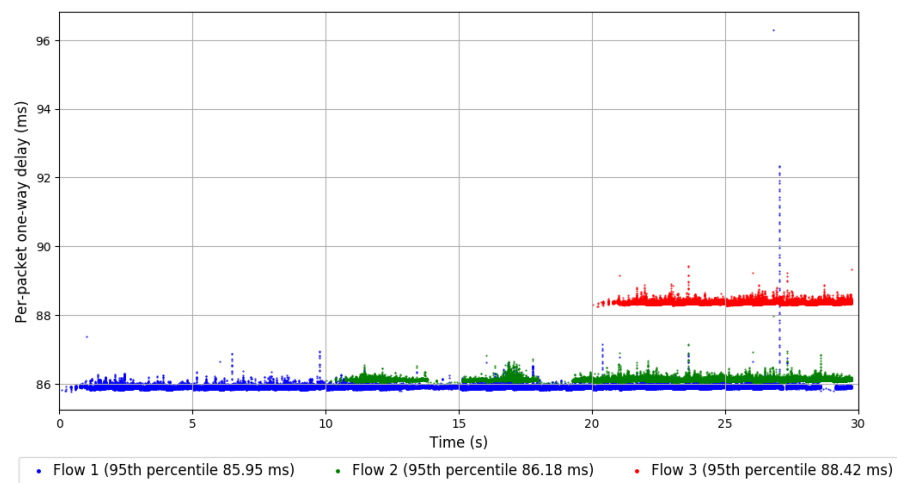
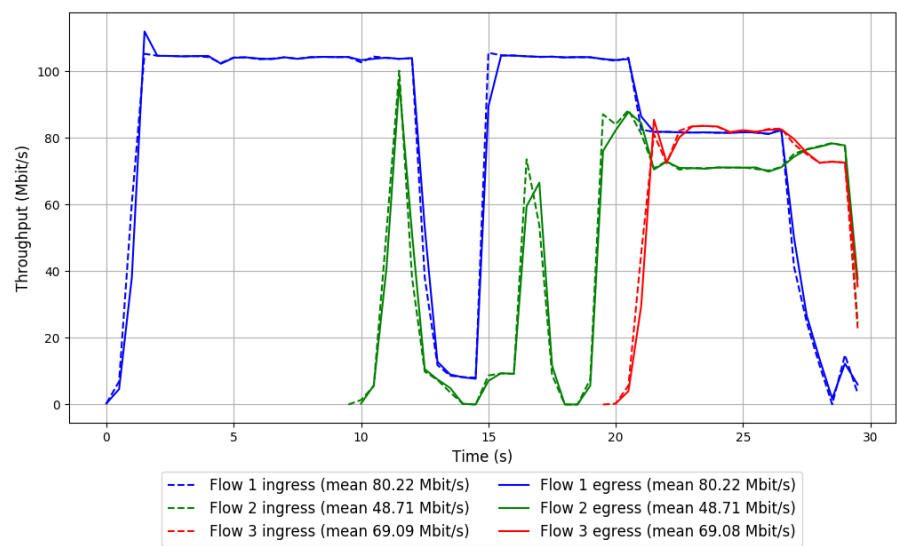


Run 7: Statistics of QUIC Cubic

Start at: 2017-11-16 12:55:56
End at: 2017-11-16 12:56:26
Local clock offset: -0.068 ms
Remote clock offset: -2.804 ms

Below is generated by plot.py at 2017-11-16 15:16:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 135.20 Mbit/s
95th percentile per-packet one-way delay: 88.379 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 80.22 Mbit/s
95th percentile per-packet one-way delay: 85.950 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 48.71 Mbit/s
95th percentile per-packet one-way delay: 86.176 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 69.08 Mbit/s
95th percentile per-packet one-way delay: 88.418 ms
Loss rate: 0.02%

Run 7: Report of QUIC Cubic — Data Link

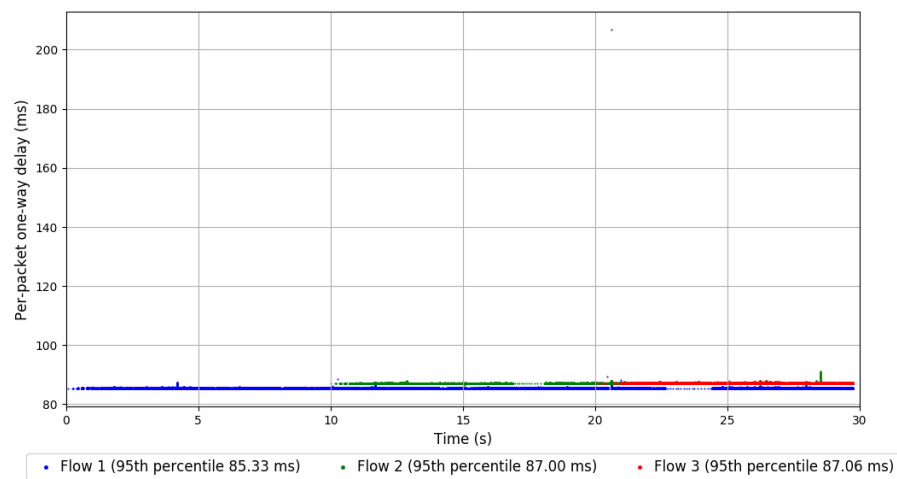
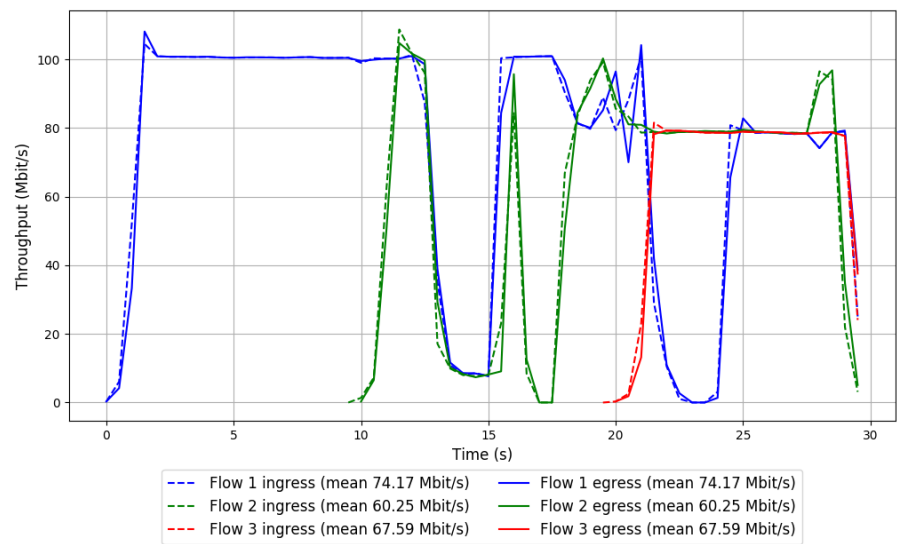


Run 8: Statistics of QUIC Cubic

Start at: 2017-11-16 13:15:48
End at: 2017-11-16 13:16:18
Local clock offset: -0.213 ms
Remote clock offset: -3.862 ms

Below is generated by plot.py at 2017-11-16 15:16:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 136.35 Mbit/s
95th percentile per-packet one-way delay: 87.026 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 74.17 Mbit/s
95th percentile per-packet one-way delay: 85.328 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 60.25 Mbit/s
95th percentile per-packet one-way delay: 87.000 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 67.59 Mbit/s
95th percentile per-packet one-way delay: 87.062 ms
Loss rate: 0.00%

Run 8: Report of QUIC Cubic — Data Link

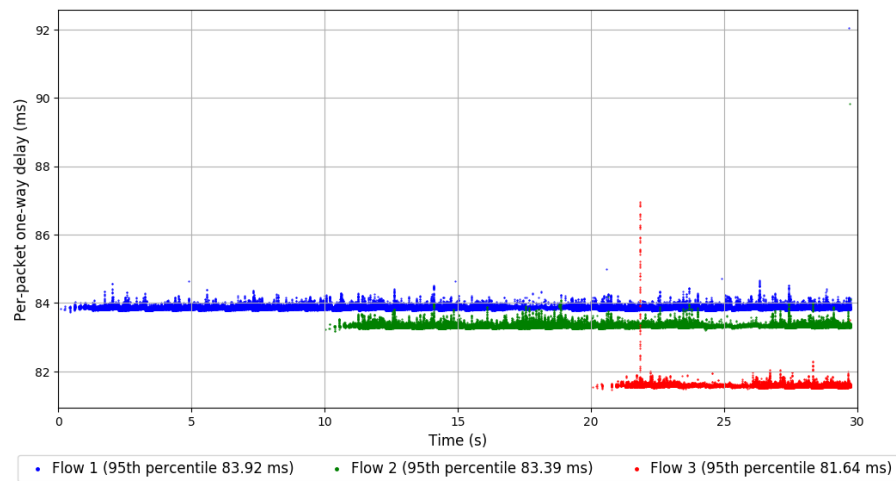
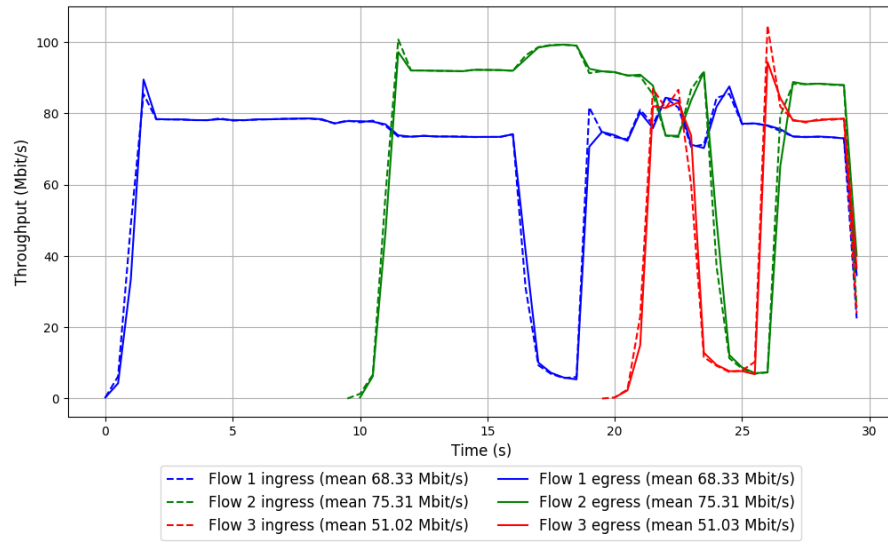


Run 9: Statistics of QUIC Cubic

Start at: 2017-11-16 13:35:37
End at: 2017-11-16 13:36:07
Local clock offset: -0.261 ms
Remote clock offset: -7.909 ms

Below is generated by plot.py at 2017-11-16 15:16:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 135.09 Mbit/s
95th percentile per-packet one-way delay: 83.894 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 68.33 Mbit/s
95th percentile per-packet one-way delay: 83.915 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 75.31 Mbit/s
95th percentile per-packet one-way delay: 83.387 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 51.03 Mbit/s
95th percentile per-packet one-way delay: 81.635 ms
Loss rate: 0.00%

Run 9: Report of QUIC Cubic — Data Link

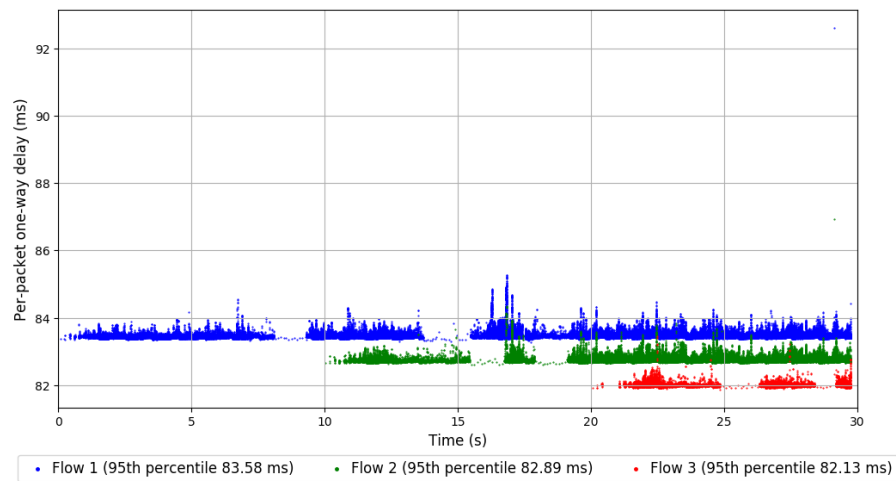
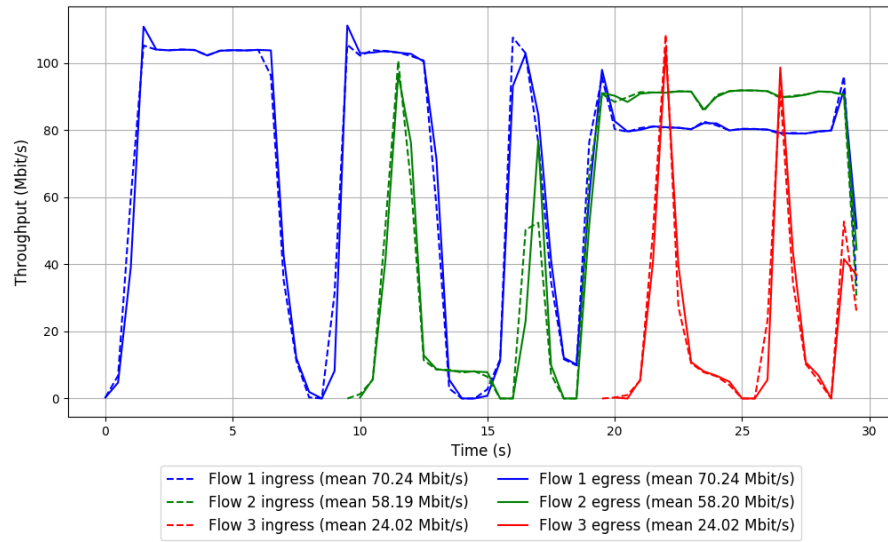


Run 10: Statistics of QUIC Cubic

Start at: 2017-11-16 13:55:34
End at: 2017-11-16 13:56:04
Local clock offset: -0.295 ms
Remote clock offset: -8.339 ms

Below is generated by plot.py at 2017-11-16 15:16:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 116.75 Mbit/s
95th percentile per-packet one-way delay: 83.533 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 70.24 Mbit/s
95th percentile per-packet one-way delay: 83.582 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 58.20 Mbit/s
95th percentile per-packet one-way delay: 82.893 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.02 Mbit/s
95th percentile per-packet one-way delay: 82.129 ms
Loss rate: 0.00%

Run 10: Report of QUIC Cubic — Data Link

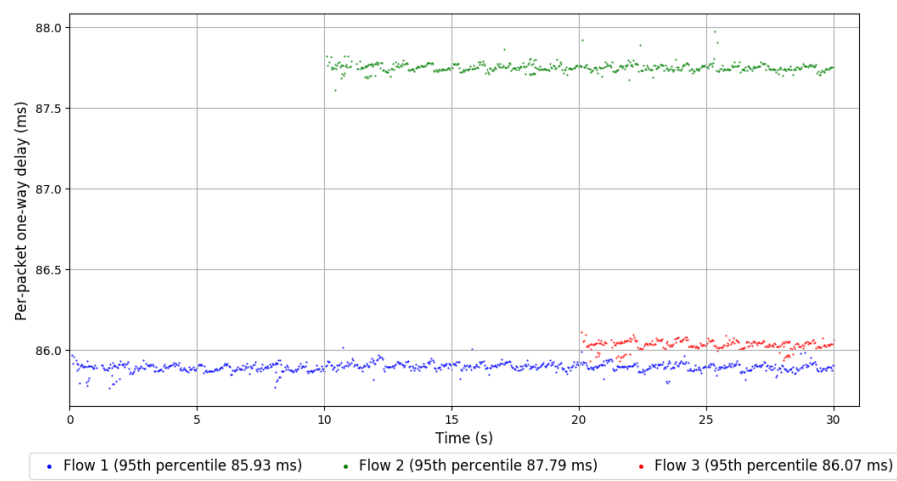
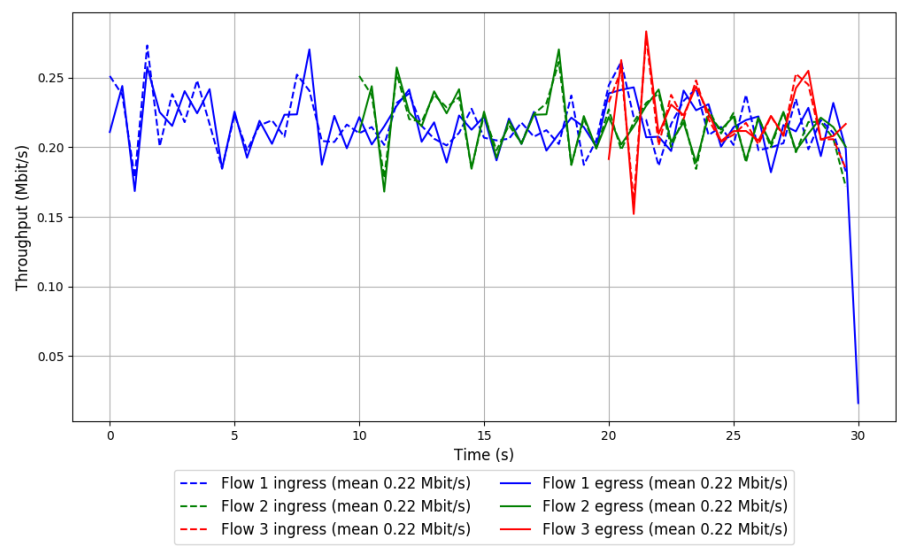


```
Run 1: Statistics of SCReAM

Start at: 2017-11-16 10:54:21
End at: 2017-11-16 10:54:51
Local clock offset: 0.096 ms
Remote clock offset: 0.061 ms

# Below is generated by plot.py at 2017-11-16 15:16:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 87.774 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.931 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 87.786 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.070 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SReAM

Start at: 2017-11-16 11:14:23

End at: 2017-11-16 11:14:53

Local clock offset: 0.11 ms

Remote clock offset: -4.2 ms

Below is generated by plot.py at 2017-11-16 15:16:57

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 83.333 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 81.402 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 83.350 ms

Loss rate: 0.00%

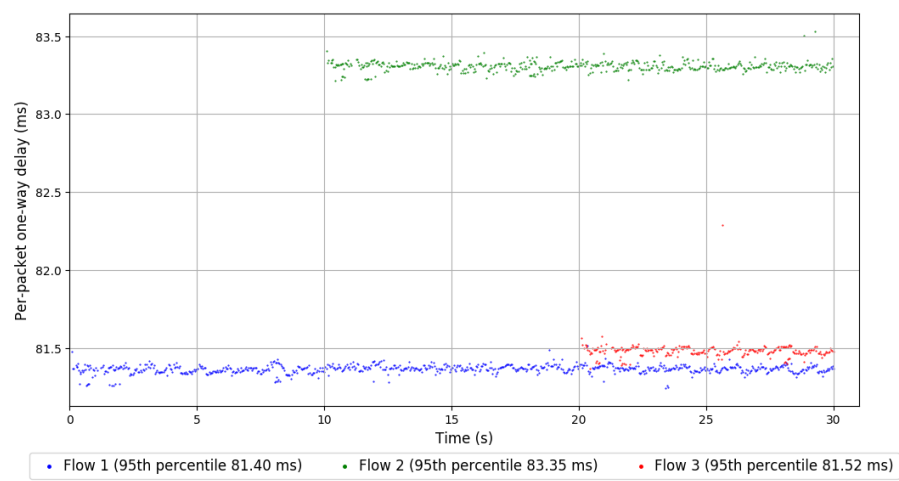
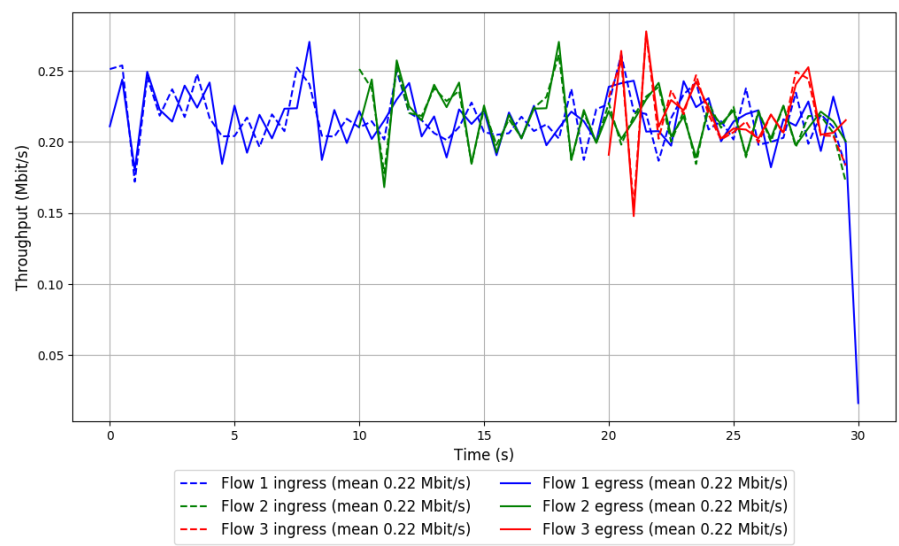
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 81.515 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SReAM

Start at: 2017-11-16 11:34:13

End at: 2017-11-16 11:34:43

Local clock offset: 0.142 ms

Remote clock offset: 0.658 ms

Below is generated by plot.py at 2017-11-16 15:16:57

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 88.042 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 86.497 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 86.369 ms

Loss rate: 0.00%

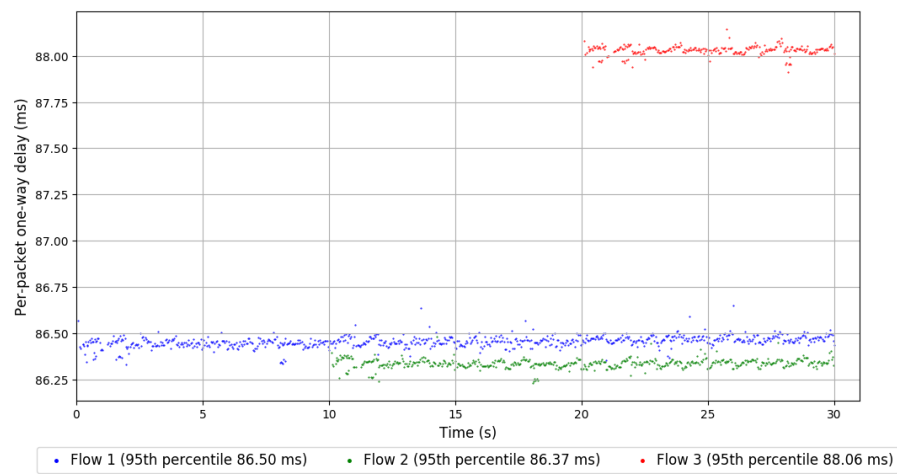
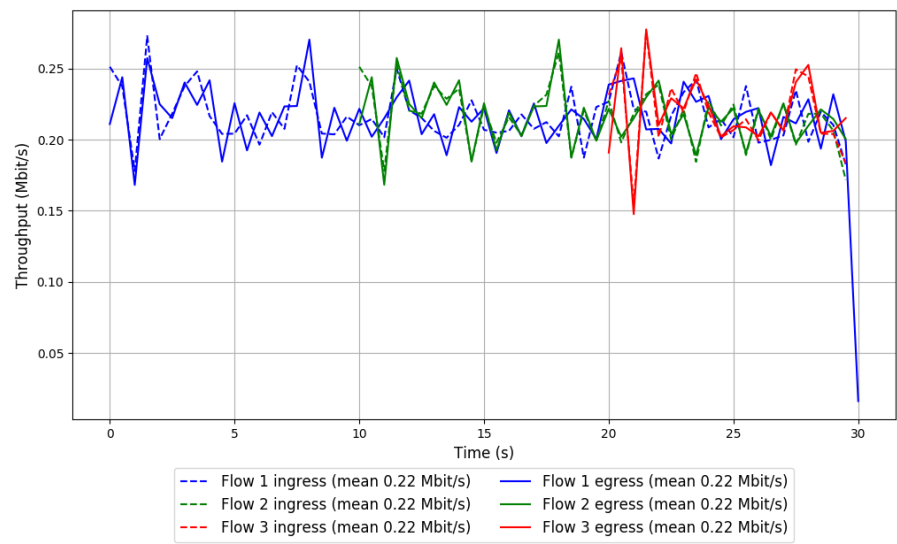
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 88.064 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SReAM

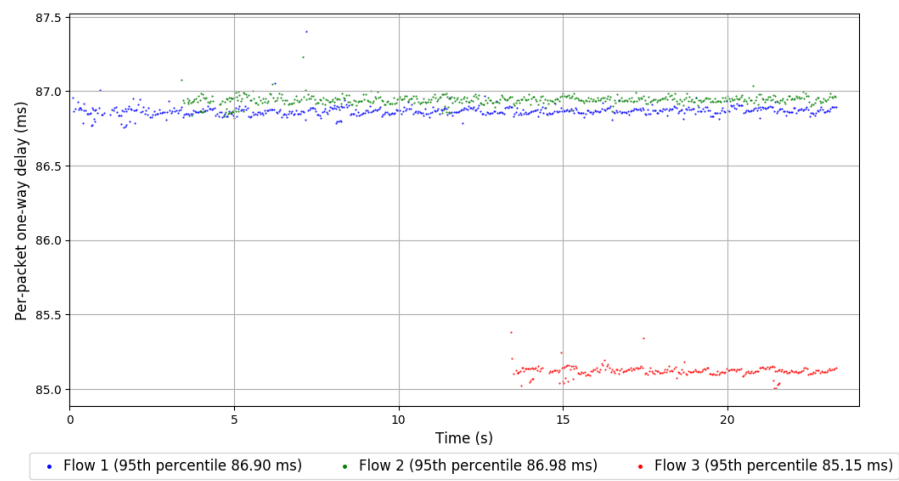
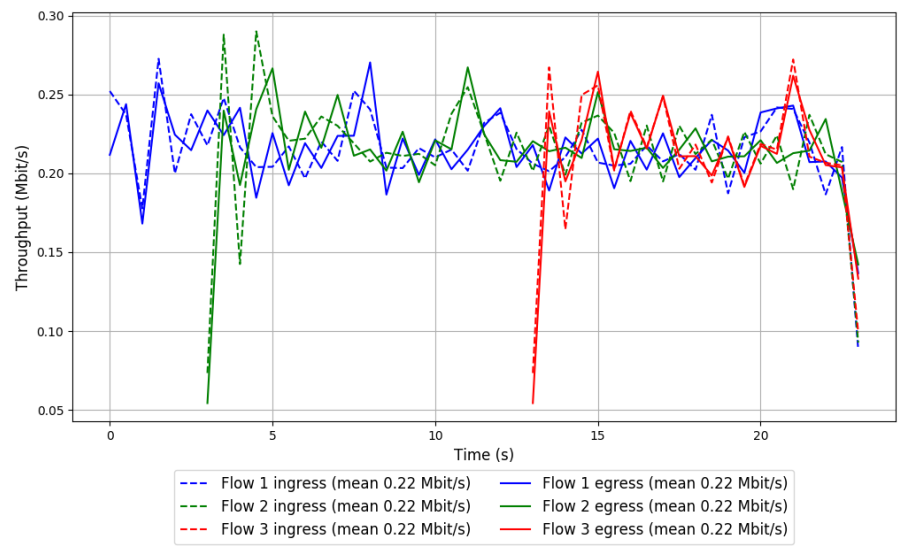
Start at: 2017-11-16 11:54:16

End at: 2017-11-16 11:54:46

Local clock offset: 0.12 ms

Remote clock offset: -1.496 ms

Run 4: Report of SReAM — Data Link

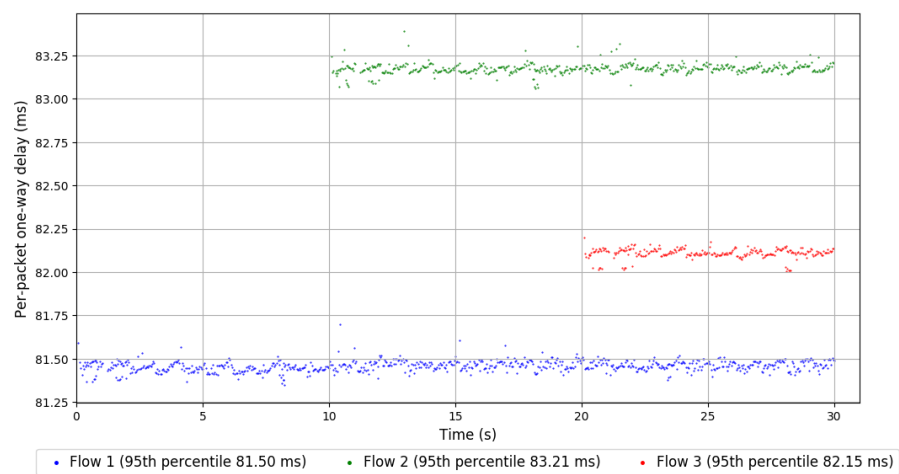
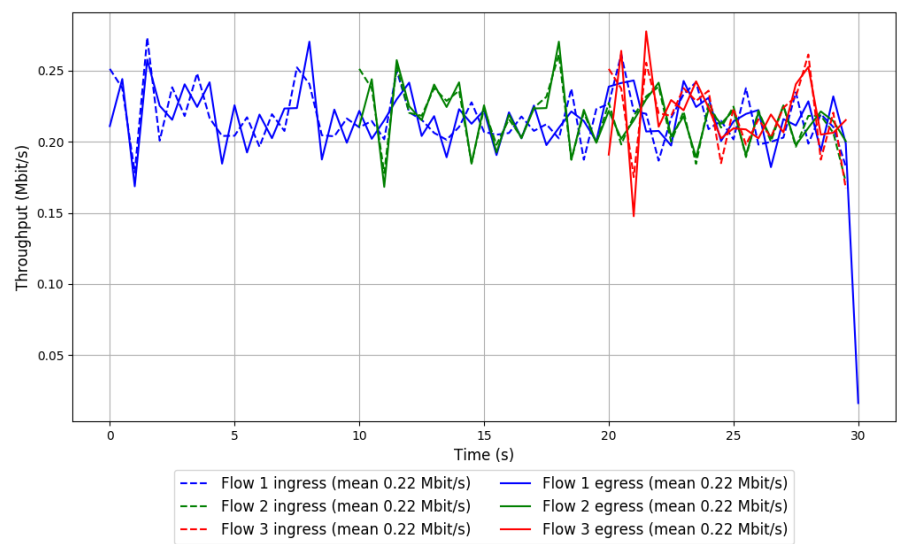


Run 5: Statistics of SReAM

Start at: 2017-11-16 12:14:01
End at: 2017-11-16 12:14:31
Local clock offset: 0.077 ms
Remote clock offset: -5.879 ms

Below is generated by plot.py at 2017-11-16 15:16:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 83.195 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 81.502 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.208 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 82.147 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

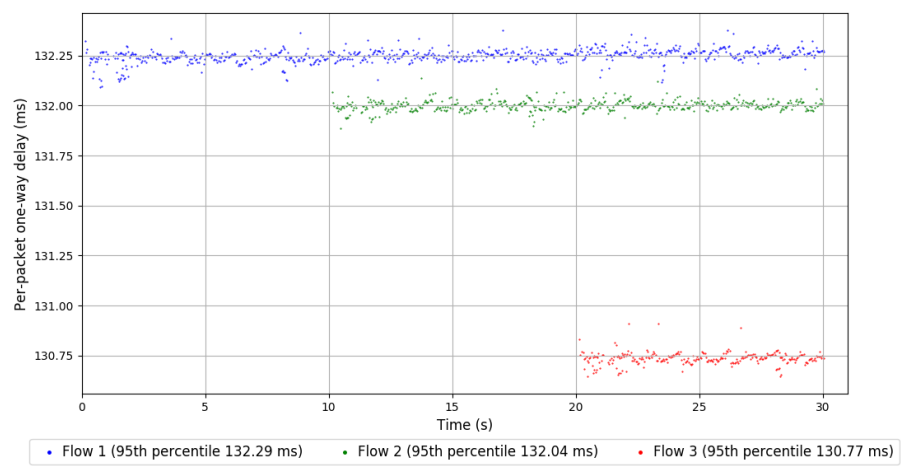
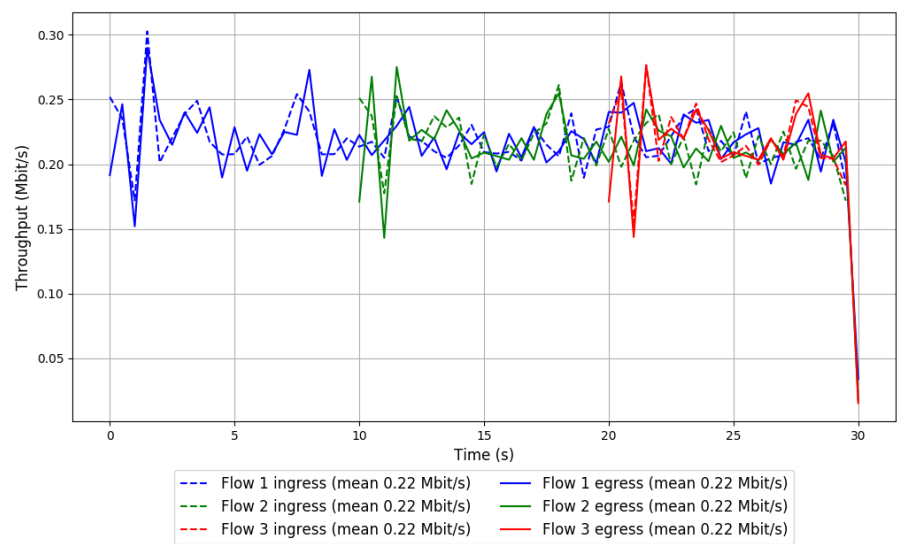


Run 6: Statistics of SReAM

Start at: 2017-11-16 12:33:44
End at: 2017-11-16 12:34:14
Local clock offset: 0.053 ms
Remote clock offset: 42.452 ms

Below is generated by plot.py at 2017-11-16 15:16:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 132.282 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 132.294 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 132.041 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 130.771 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

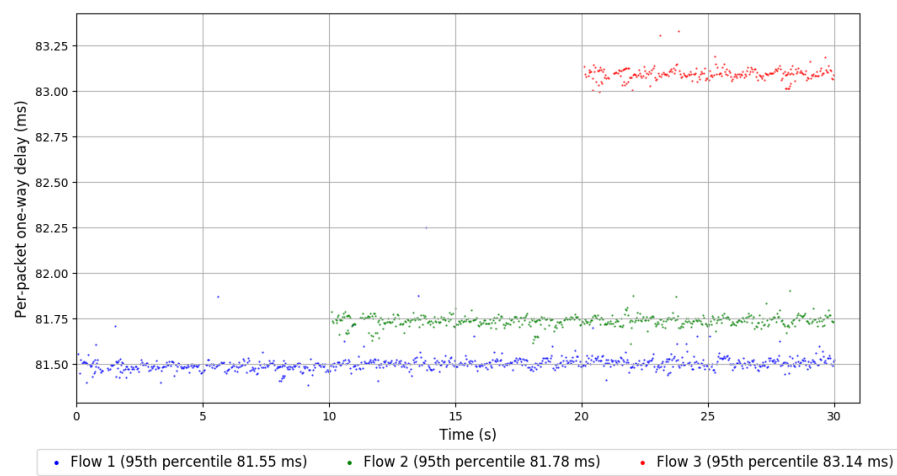
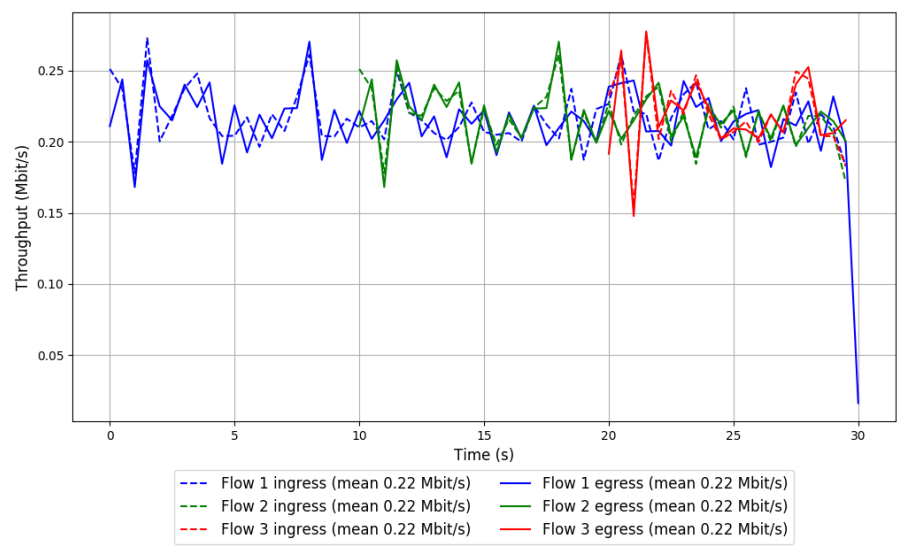


Run 7: Statistics of SReAM

Start at: 2017-11-16 12:53:29
End at: 2017-11-16 12:53:59
Local clock offset: -0.064 ms
Remote clock offset: -7.326 ms

Below is generated by plot.py at 2017-11-16 15:16:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 83.108 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 81.547 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 81.778 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.138 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

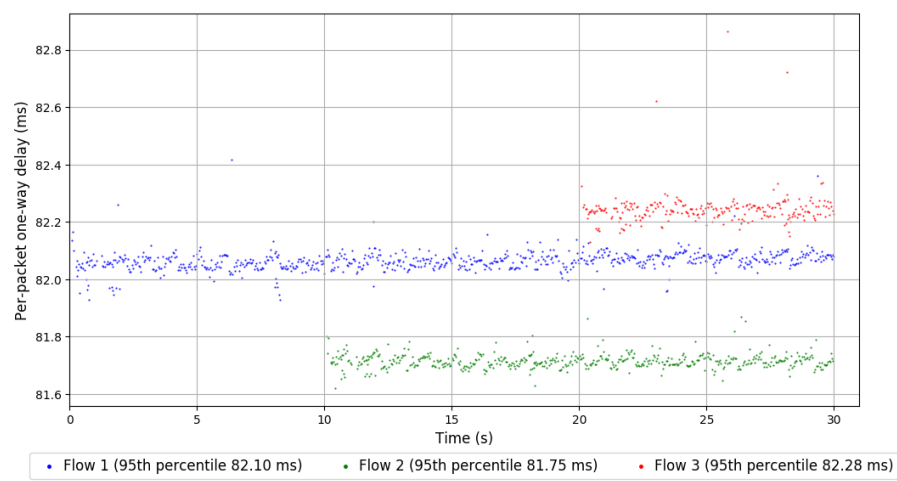
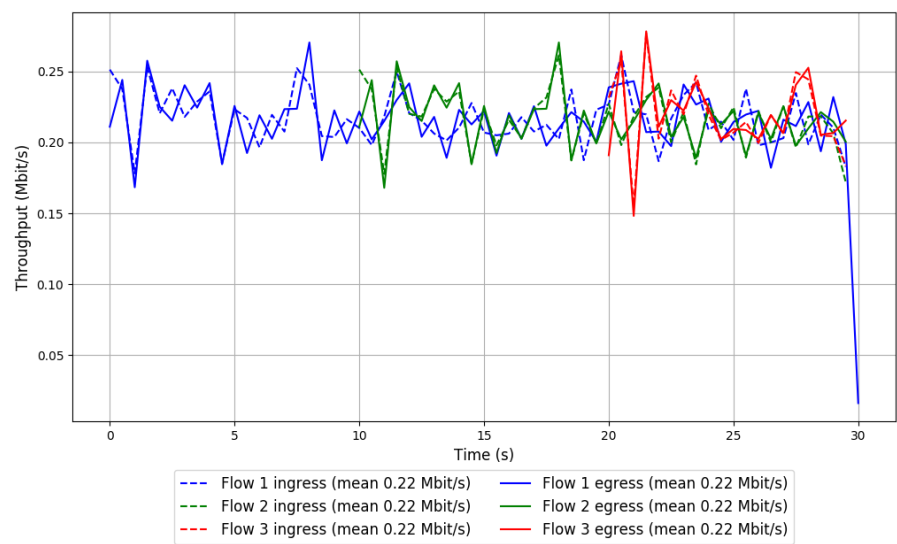


Run 8: Statistics of SReAM

Start at: 2017-11-16 13:13:20
End at: 2017-11-16 13:13:50
Local clock offset: -0.202 ms
Remote clock offset: -7.087 ms

Below is generated by plot.py at 2017-11-16 15:16:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 82.255 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 82.104 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 81.754 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 82.283 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

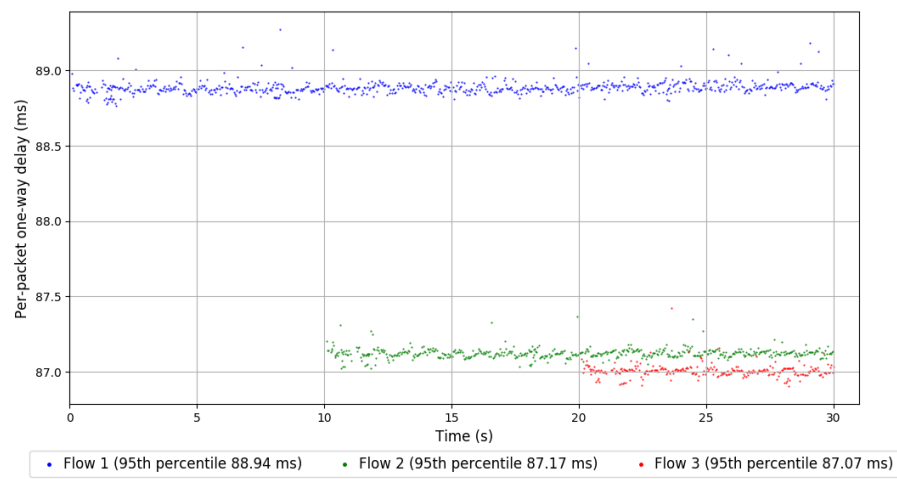
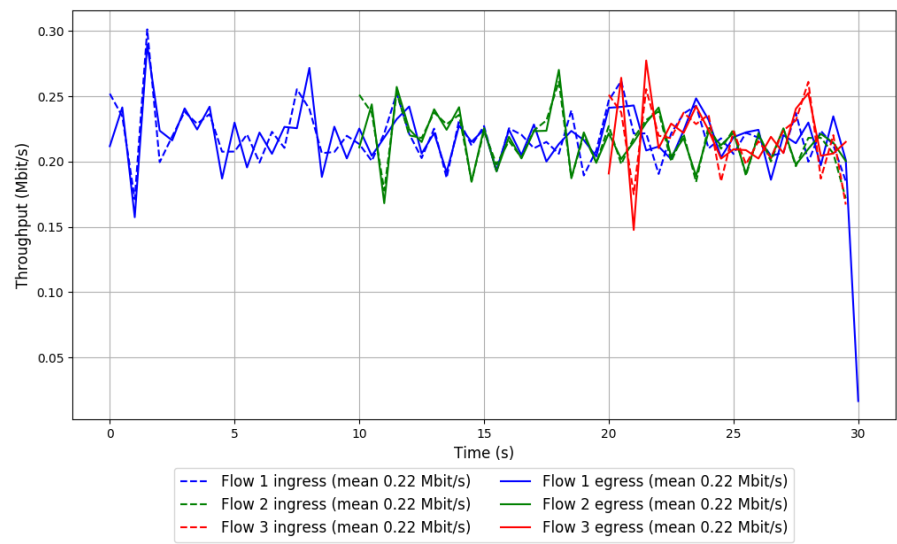


Run 9: Statistics of SReAM

Start at: 2017-11-16 13:33:10
End at: 2017-11-16 13:33:40
Local clock offset: -0.26 ms
Remote clock offset: -2.191 ms

Below is generated by plot.py at 2017-11-16 15:16:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 88.925 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 88.942 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 87.166 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 87.068 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

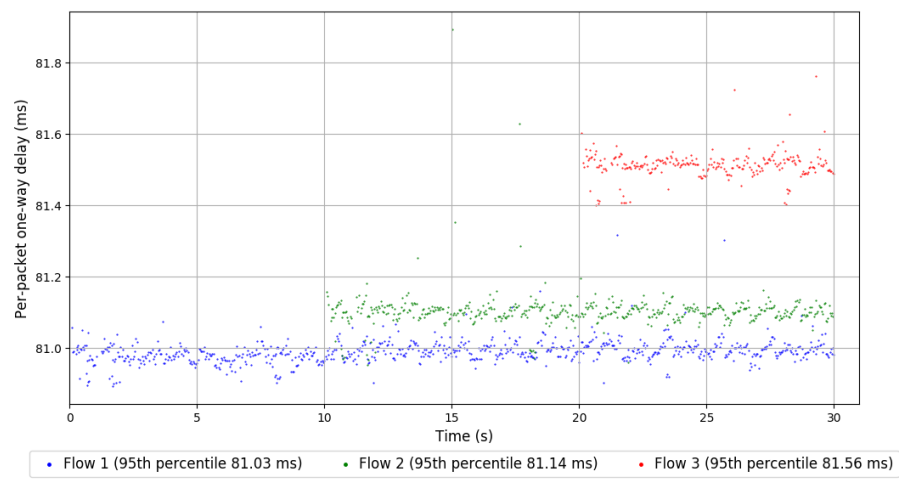
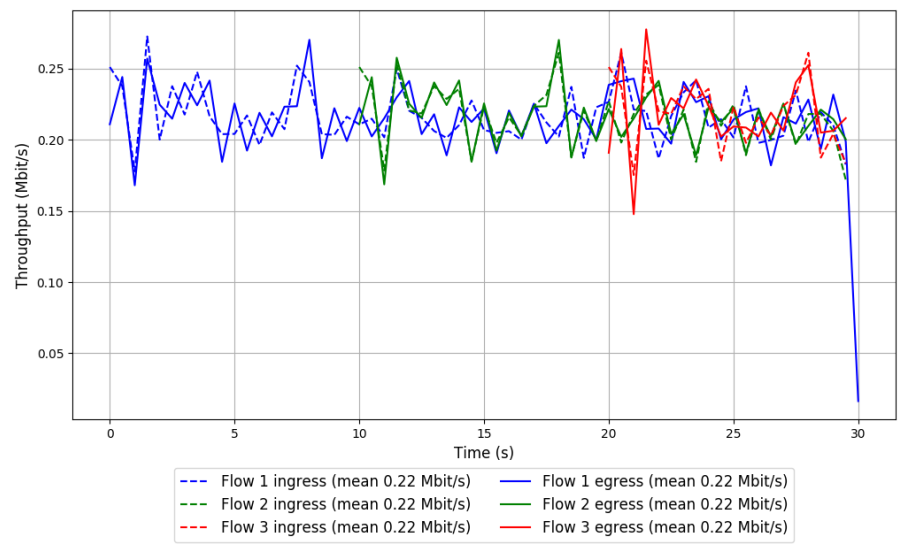


Run 10: Statistics of SReAM

Start at: 2017-11-16 13:53:06
End at: 2017-11-16 13:53:36
Local clock offset: -0.296 ms
Remote clock offset: -8.258 ms

Below is generated by plot.py at 2017-11-16 15:16:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 81.527 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 81.033 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 81.143 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 81.556 ms
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of WebRTC media

Start at: 2017-11-16 10:49:06

End at: 2017-11-16 10:49:36

Local clock offset: 0.068 ms

Remote clock offset: -4.55 ms

Below is generated by plot.py at 2017-11-16 15:16:57

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.72 Mbit/s

95th percentile per-packet one-way delay: 83.446 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.06 Mbit/s

95th percentile per-packet one-way delay: 83.504 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.25 Mbit/s

95th percentile per-packet one-way delay: 83.128 ms

Loss rate: 0.00%

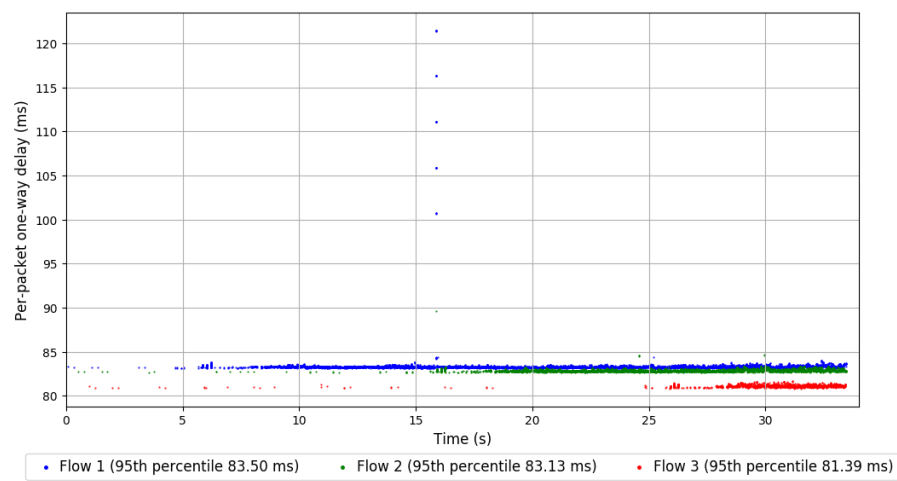
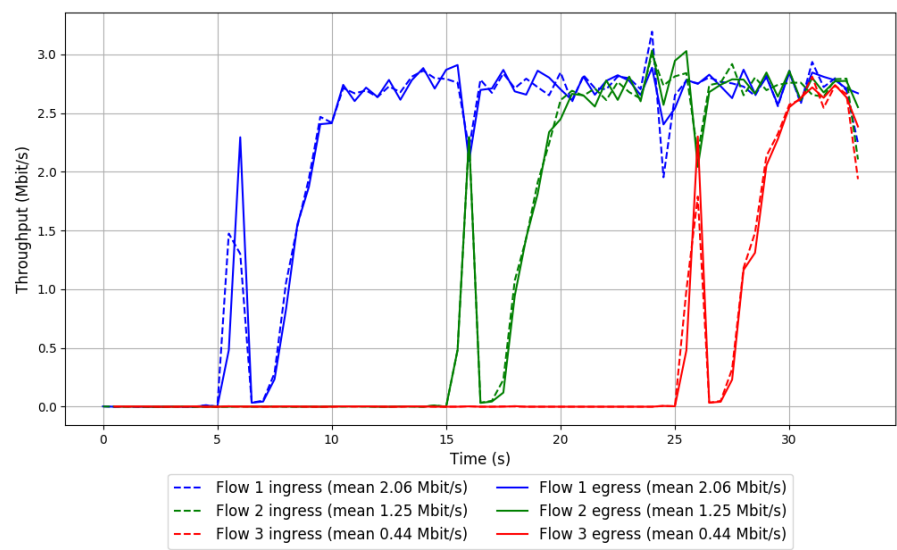
-- Flow 3:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 81.393 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

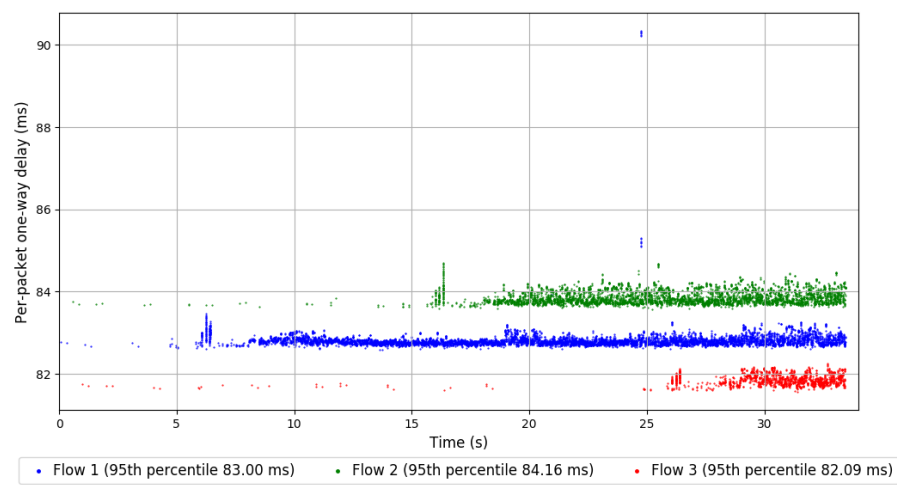
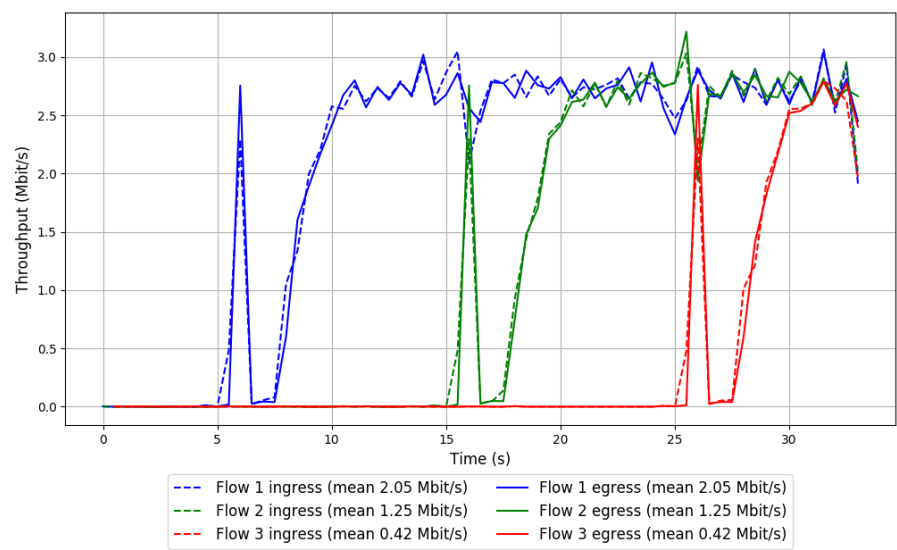


Run 2: Statistics of WebRTC media

Start at: 2017-11-16 11:09:06
End at: 2017-11-16 11:09:36
Local clock offset: 0.07 ms
Remote clock offset: -3.642 ms

Below is generated by plot.py at 2017-11-16 15:16:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.68 Mbit/s
95th percentile per-packet one-way delay: 84.042 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.05 Mbit/s
95th percentile per-packet one-way delay: 82.997 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.25 Mbit/s
95th percentile per-packet one-way delay: 84.162 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 82.092 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

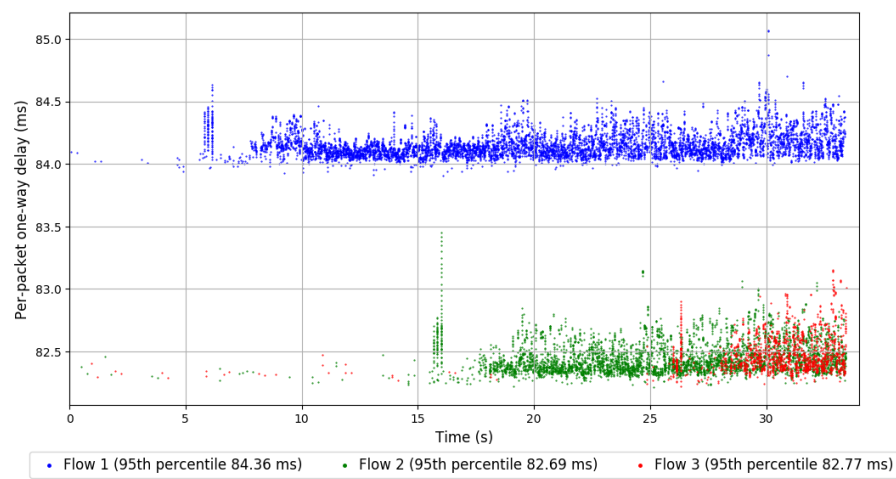
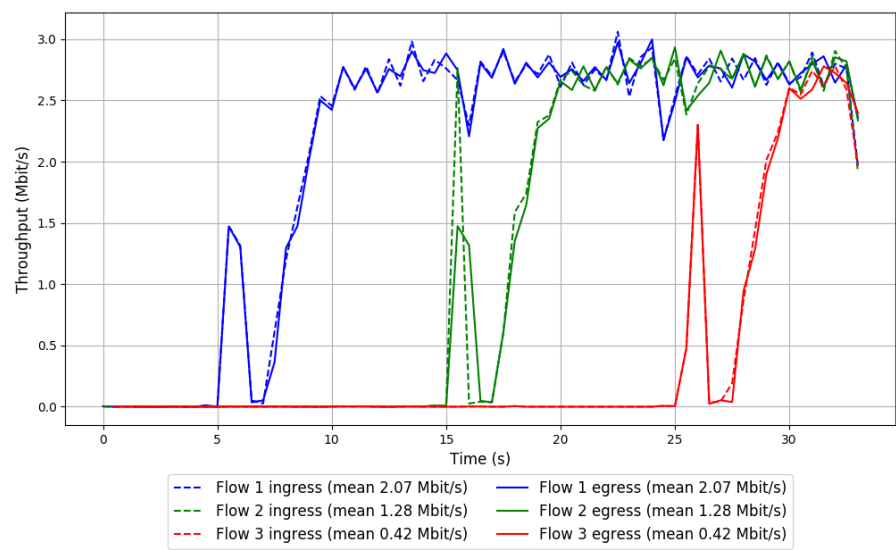


Run 3: Statistics of WebRTC media

Start at: 2017-11-16 11:28:57
End at: 2017-11-16 11:29:27
Local clock offset: 0.108 ms
Remote clock offset: -3.143 ms

Below is generated by plot.py at 2017-11-16 15:16:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.74 Mbit/s
95th percentile per-packet one-way delay: 84.308 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.07 Mbit/s
95th percentile per-packet one-way delay: 84.355 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.28 Mbit/s
95th percentile per-packet one-way delay: 82.694 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 82.770 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

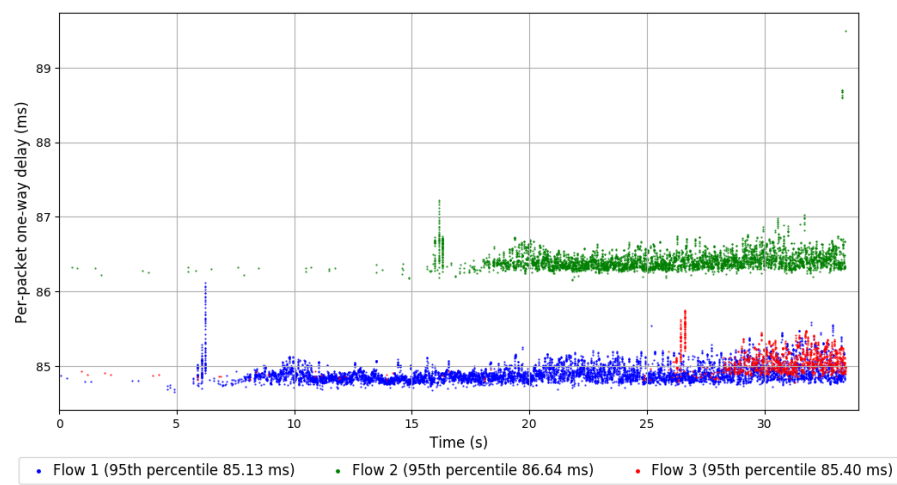
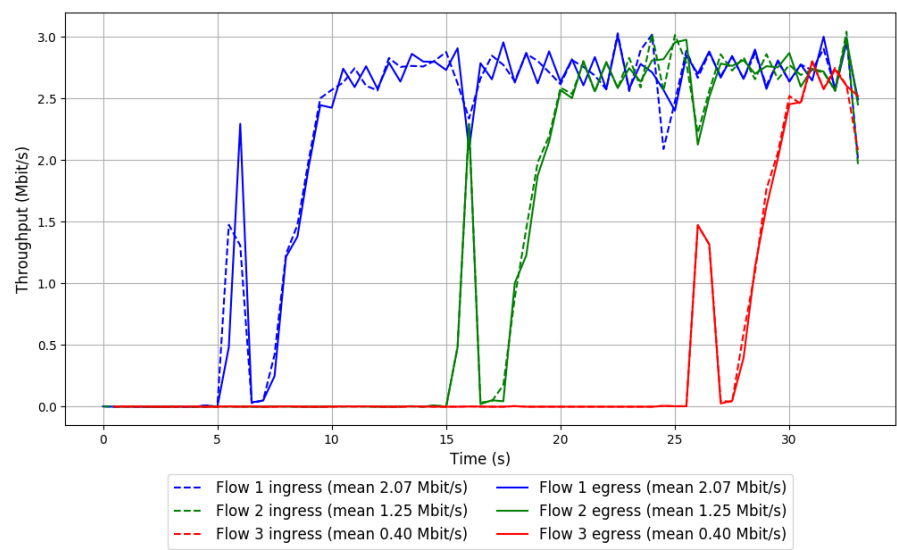


Run 4: Statistics of WebRTC media

Start at: 2017-11-16 11:48:55
End at: 2017-11-16 11:49:25
Local clock offset: 0.117 ms
Remote clock offset: -1.224 ms

Below is generated by plot.py at 2017-11-16 15:16:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.69 Mbit/s
95th percentile per-packet one-way delay: 86.531 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.07 Mbit/s
95th percentile per-packet one-way delay: 85.133 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.25 Mbit/s
95th percentile per-packet one-way delay: 86.636 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 85.401 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

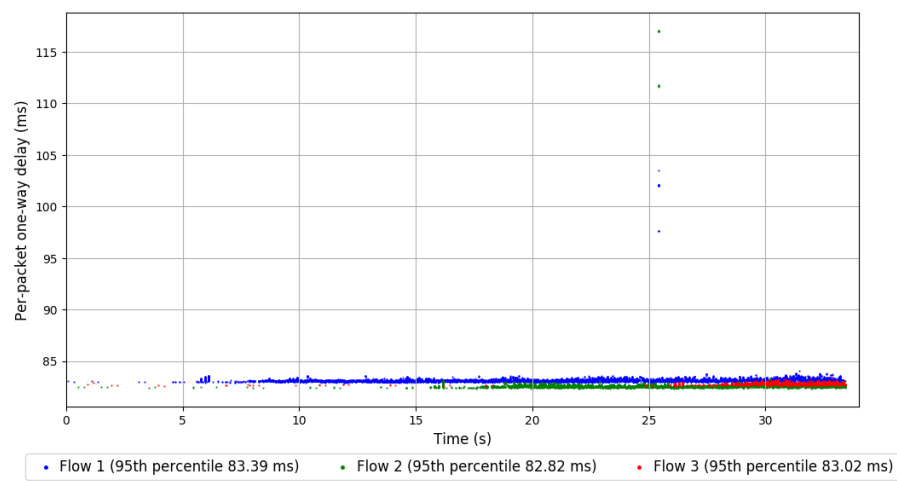
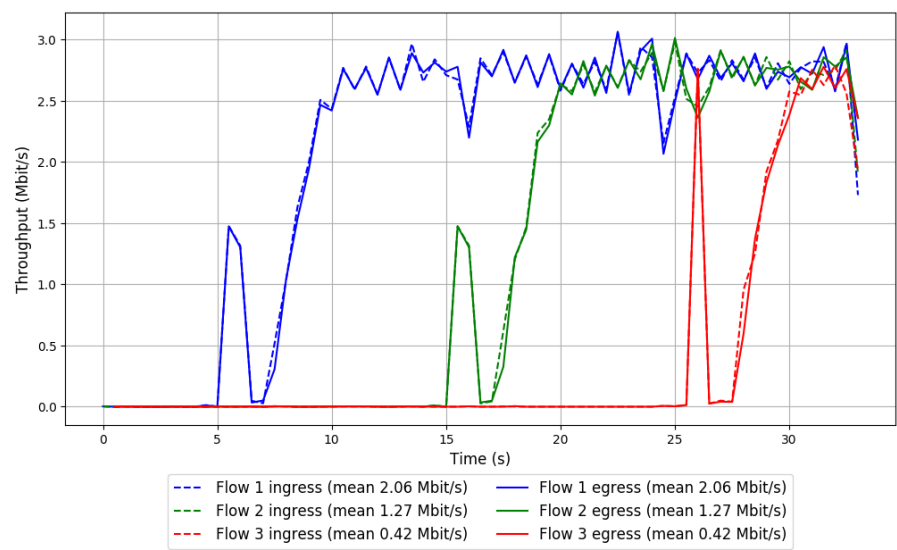


Run 5: Statistics of WebRTC media

Start at: 2017-11-16 12:08:43
End at: 2017-11-16 12:09:13
Local clock offset: 0.071 ms
Remote clock offset: -4.848 ms

Below is generated by plot.py at 2017-11-16 15:16:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.72 Mbit/s
95th percentile per-packet one-way delay: 83.325 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.06 Mbit/s
95th percentile per-packet one-way delay: 83.393 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.27 Mbit/s
95th percentile per-packet one-way delay: 82.819 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 83.017 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

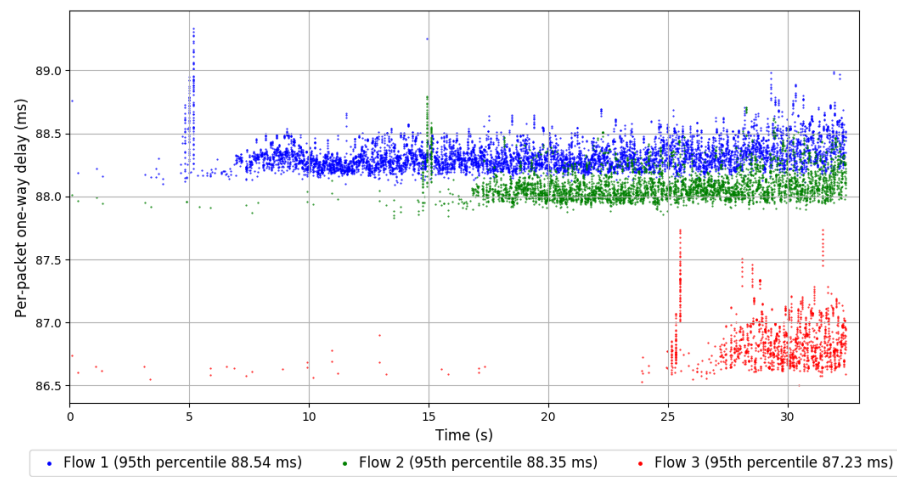
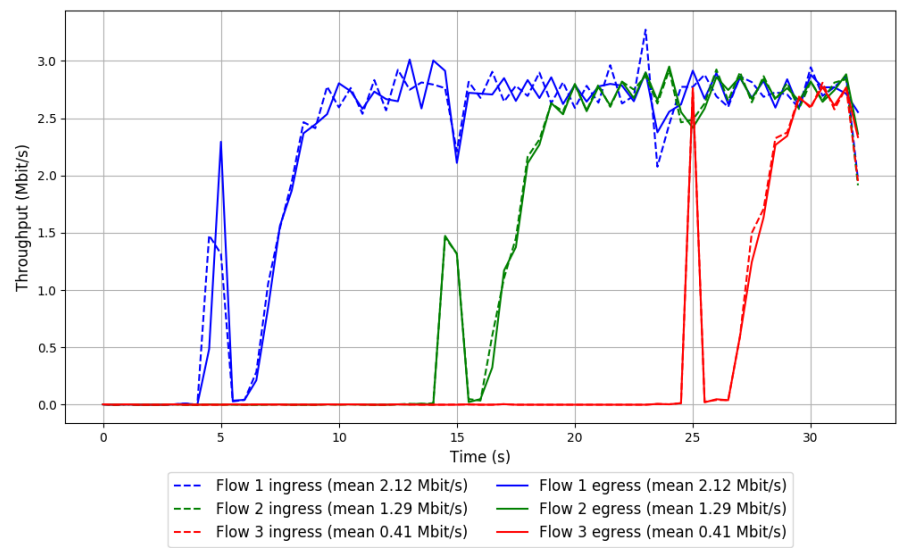


Run 6: Statistics of WebRTC media

Start at: 2017-11-16 12:28:29
End at: 2017-11-16 12:28:59
Local clock offset: 0.028 ms
Remote clock offset: -1.661 ms

Below is generated by plot.py at 2017-11-16 15:16:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.82 Mbit/s
95th percentile per-packet one-way delay: 88.497 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 2.12 Mbit/s
95th percentile per-packet one-way delay: 88.542 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.29 Mbit/s
95th percentile per-packet one-way delay: 88.350 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 87.229 ms
Loss rate: 0.14%

Run 6: Report of WebRTC media — Data Link

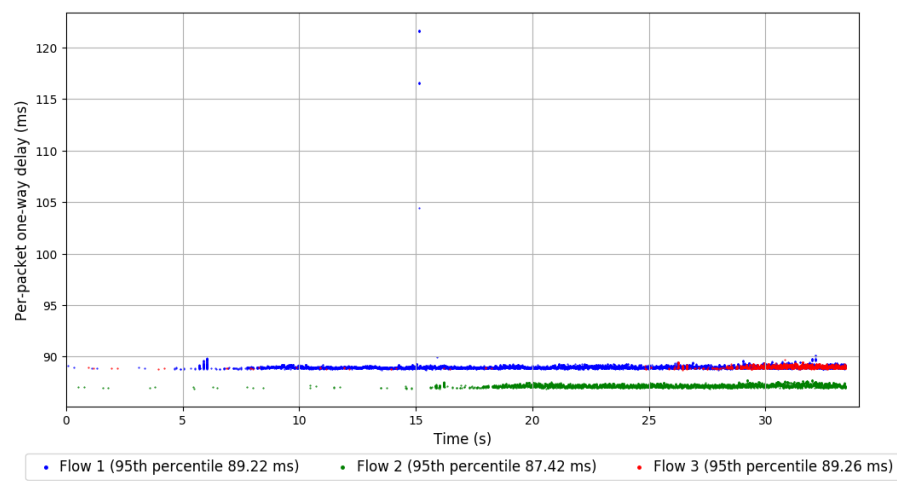
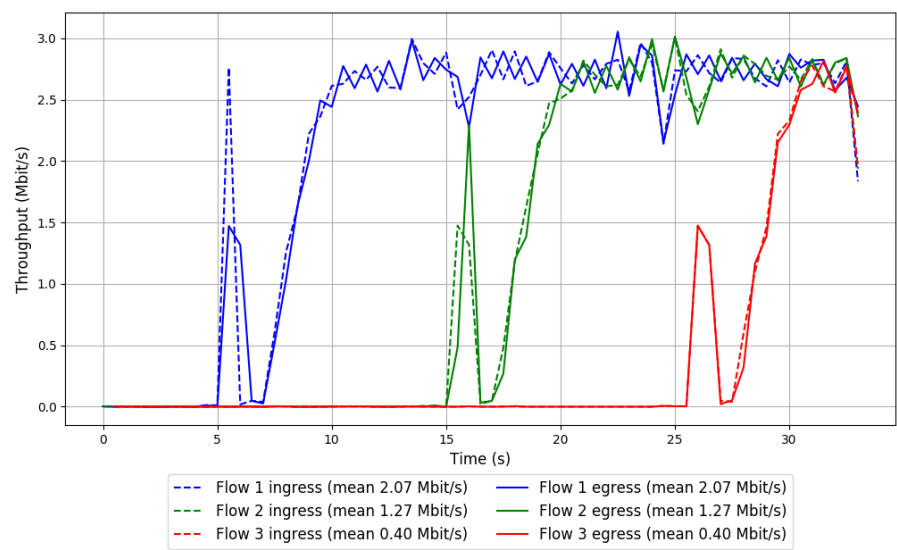


Run 7: Statistics of WebRTC media

Start at: 2017-11-16 12:48:14
End at: 2017-11-16 12:48:44
Local clock offset: -0.057 ms
Remote clock offset: -1.365 ms

Below is generated by plot.py at 2017-11-16 15:16:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.71 Mbit/s
95th percentile per-packet one-way delay: 89.192 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.07 Mbit/s
95th percentile per-packet one-way delay: 89.218 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.27 Mbit/s
95th percentile per-packet one-way delay: 87.423 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 89.259 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2017-11-16 13:08:05

End at: 2017-11-16 13:08:35

Local clock offset: -0.156 ms

Remote clock offset: -6.68 ms

Below is generated by plot.py at 2017-11-16 15:16:57

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.73 Mbit/s

95th percentile per-packet one-way delay: 83.435 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.07 Mbit/s

95th percentile per-packet one-way delay: 83.460 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.27 Mbit/s

95th percentile per-packet one-way delay: 82.676 ms

Loss rate: 0.00%

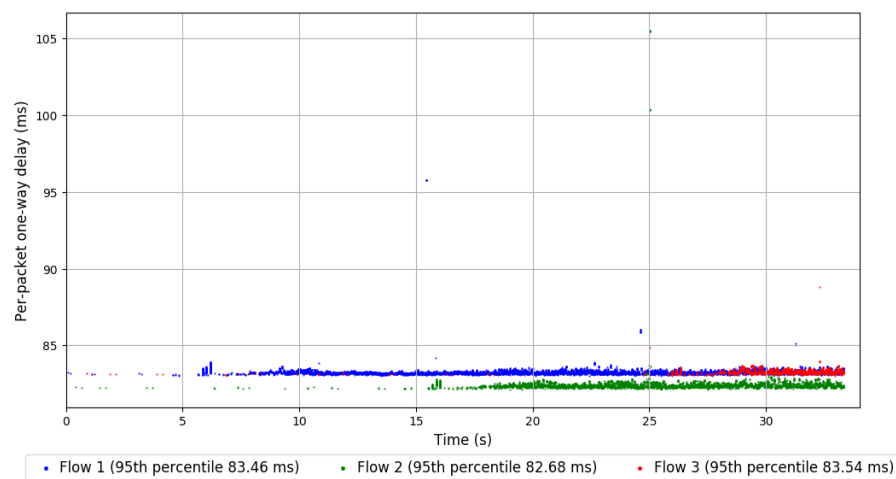
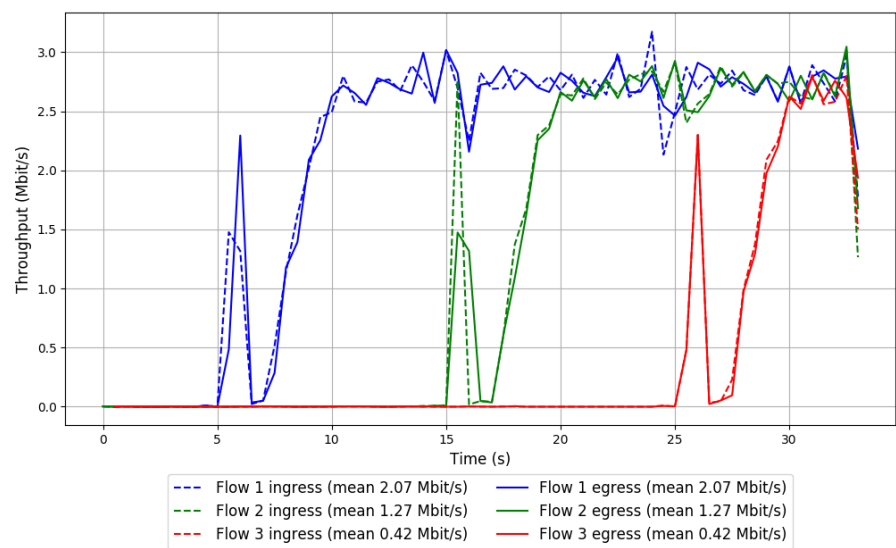
-- Flow 3:

Average throughput: 0.42 Mbit/s

95th percentile per-packet one-way delay: 83.542 ms

Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

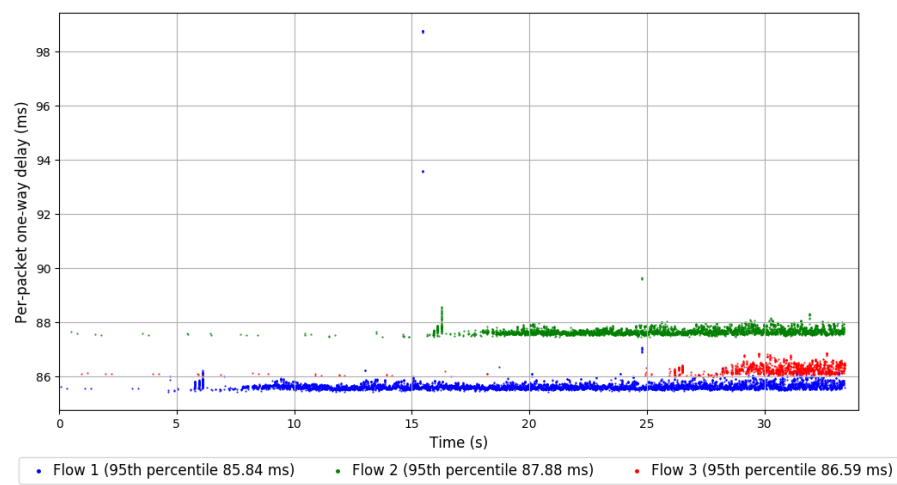
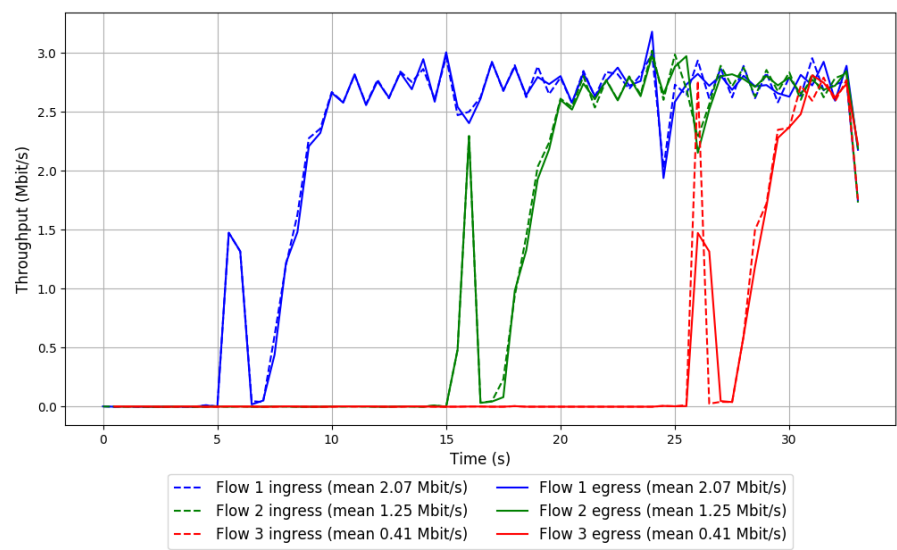


Run 9: Statistics of WebRTC media

Start at: 2017-11-16 13:27:51
End at: 2017-11-16 13:28:21
Local clock offset: -0.29 ms
Remote clock offset: -3.414 ms

Below is generated by plot.py at 2017-11-16 15:16:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.70 Mbit/s
95th percentile per-packet one-way delay: 87.769 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.07 Mbit/s
95th percentile per-packet one-way delay: 85.839 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.25 Mbit/s
95th percentile per-packet one-way delay: 87.881 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 86.586 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2017-11-16 13:47:47

End at: 2017-11-16 13:48:17

Local clock offset: -0.275 ms

Remote clock offset: -2.44 ms

Below is generated by plot.py at 2017-11-16 15:16:57

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.72 Mbit/s

95th percentile per-packet one-way delay: 88.378 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.06 Mbit/s

95th percentile per-packet one-way delay: 87.257 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.28 Mbit/s

95th percentile per-packet one-way delay: 87.518 ms

Loss rate: 0.00%

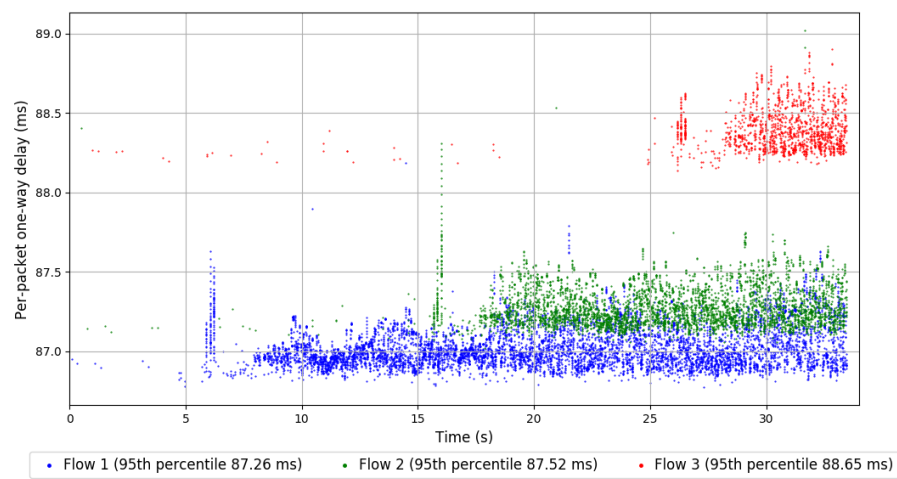
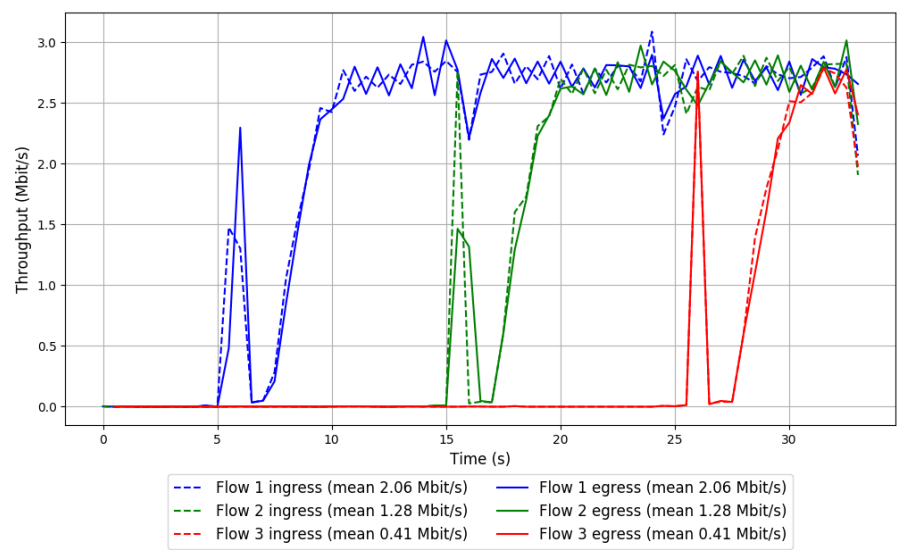
-- Flow 3:

Average throughput: 0.41 Mbit/s

95th percentile per-packet one-way delay: 88.649 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link



Run 1: Statistics of Sprout

Start at: 2017-11-16 10:55:34

End at: 2017-11-16 10:56:04

Local clock offset: 0.088 ms

Remote clock offset: 1.04 ms

Below is generated by plot.py at 2017-11-16 15:16:57

Datalink statistics

-- Total of 3 flows:

Average throughput: 9.18 Mbit/s

95th percentile per-packet one-way delay: 88.570 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 4.55 Mbit/s

95th percentile per-packet one-way delay: 87.767 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 4.17 Mbit/s

95th percentile per-packet one-way delay: 87.929 ms

Loss rate: 0.00%

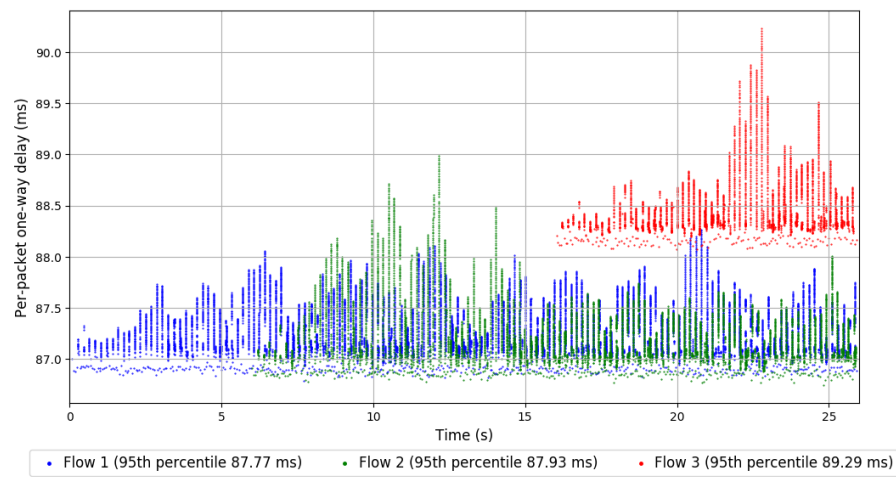
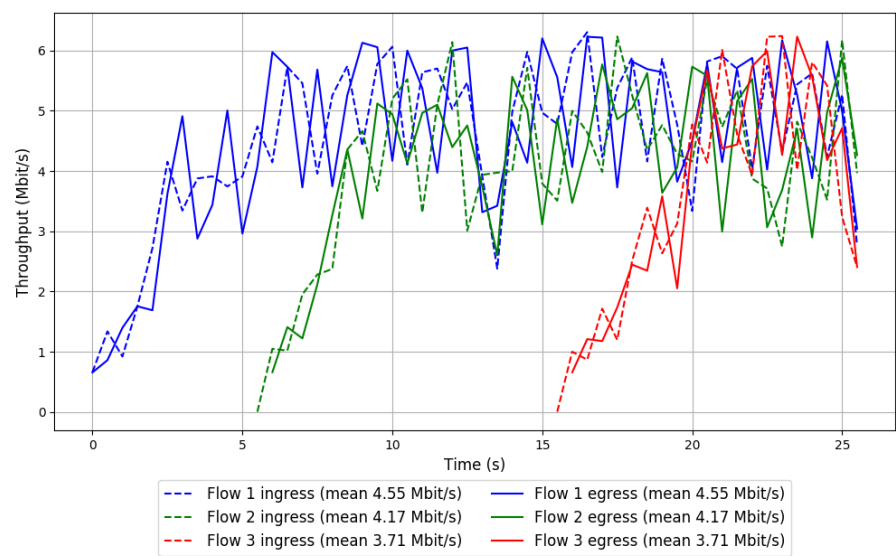
-- Flow 3:

Average throughput: 3.71 Mbit/s

95th percentile per-packet one-way delay: 89.292 ms

Loss rate: 0.00%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: 2017-11-16 11:15:36

End at: 2017-11-16 11:16:06

Local clock offset: 0.084 ms

Remote clock offset: 0.635 ms

Below is generated by plot.py at 2017-11-16 15:16:57

Datalink statistics

-- Total of 3 flows:

Average throughput: 8.64 Mbit/s

95th percentile per-packet one-way delay: 88.362 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 4.35 Mbit/s

95th percentile per-packet one-way delay: 88.324 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 4.10 Mbit/s

95th percentile per-packet one-way delay: 88.448 ms

Loss rate: 0.00%

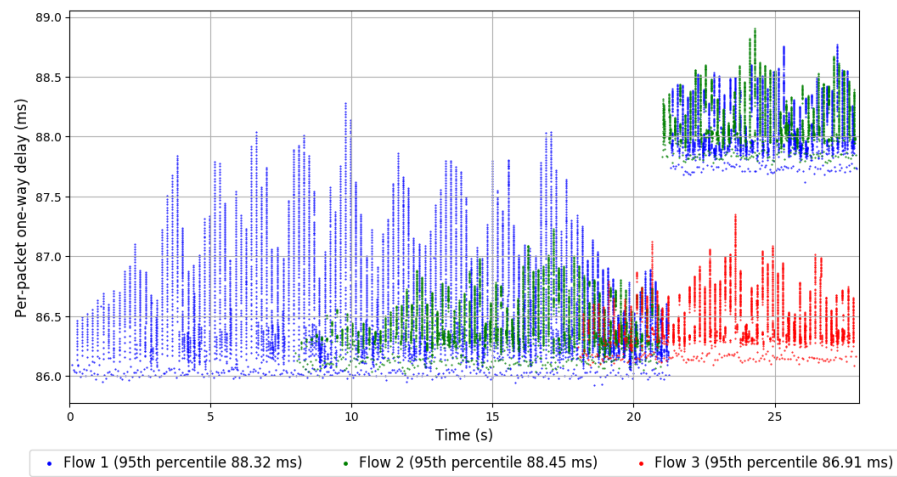
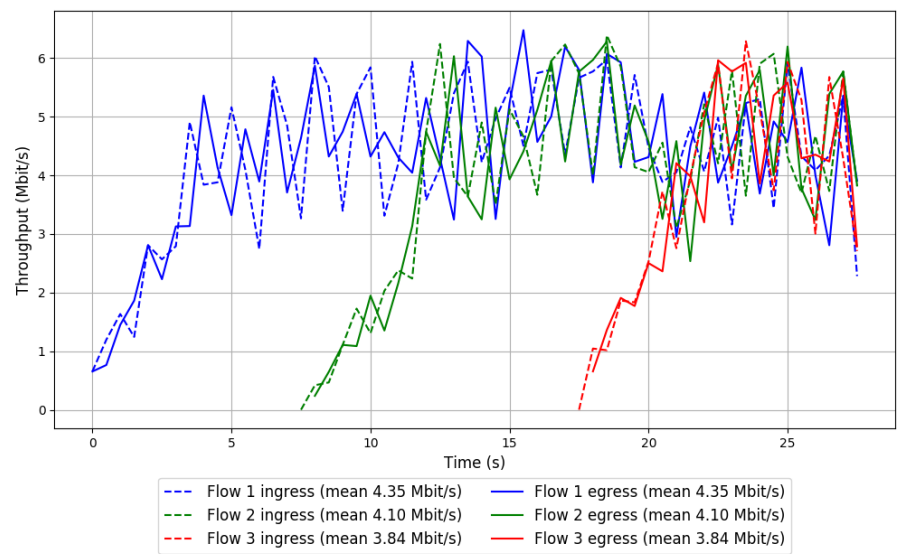
-- Flow 3:

Average throughput: 3.84 Mbit/s

95th percentile per-packet one-way delay: 86.912 ms

Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

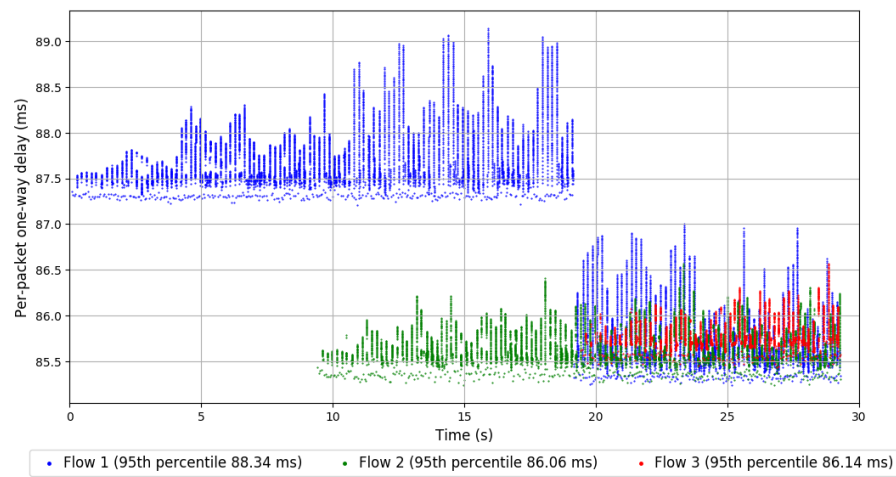
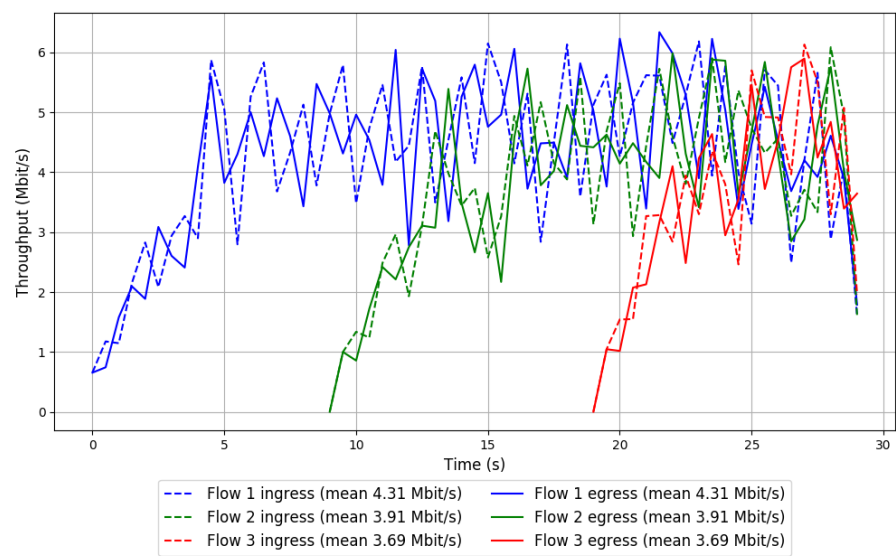


Run 3: Statistics of Sprout

Start at: 2017-11-16 11:35:27
End at: 2017-11-16 11:35:57
Local clock offset: 0.118 ms
Remote clock offset: -0.319 ms

```
# Below is generated by plot.py at 2017-11-16 15:16:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.22 Mbit/s
95th percentile per-packet one-way delay: 88.117 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.31 Mbit/s
95th percentile per-packet one-way delay: 88.339 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.91 Mbit/s
95th percentile per-packet one-way delay: 86.055 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.69 Mbit/s
95th percentile per-packet one-way delay: 86.141 ms
Loss rate: 0.00%
```


Run 3: Report of Sprout — Data Link

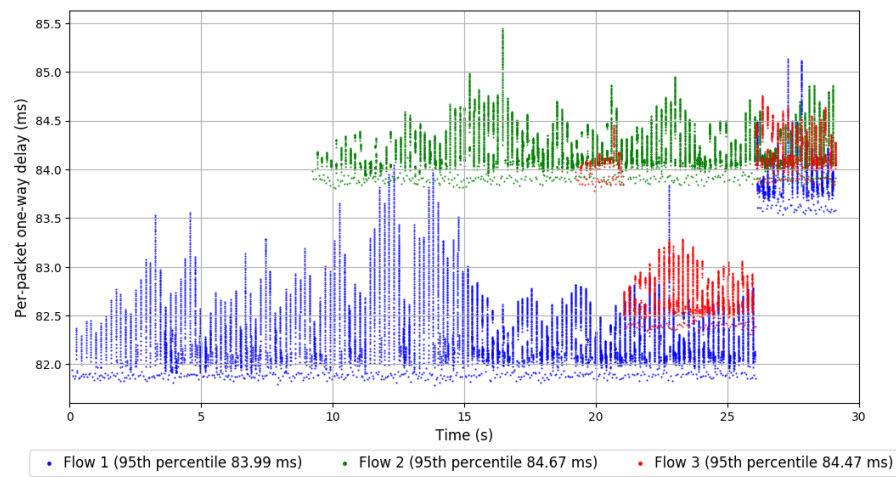
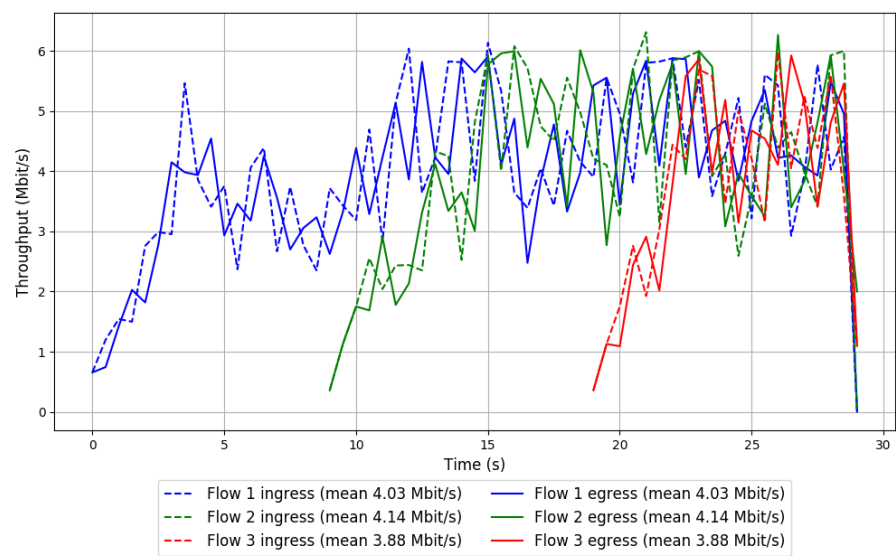


Run 4: Statistics of Sprout

Start at: 2017-11-16 11:55:30
End at: 2017-11-16 11:56:00
Local clock offset: 0.082 ms
Remote clock offset: -4.267 ms

```
# Below is generated by plot.py at 2017-11-16 15:16:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.19 Mbit/s
95th percentile per-packet one-way delay: 84.545 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.03 Mbit/s
95th percentile per-packet one-way delay: 83.988 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.14 Mbit/s
95th percentile per-packet one-way delay: 84.670 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.88 Mbit/s
95th percentile per-packet one-way delay: 84.469 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

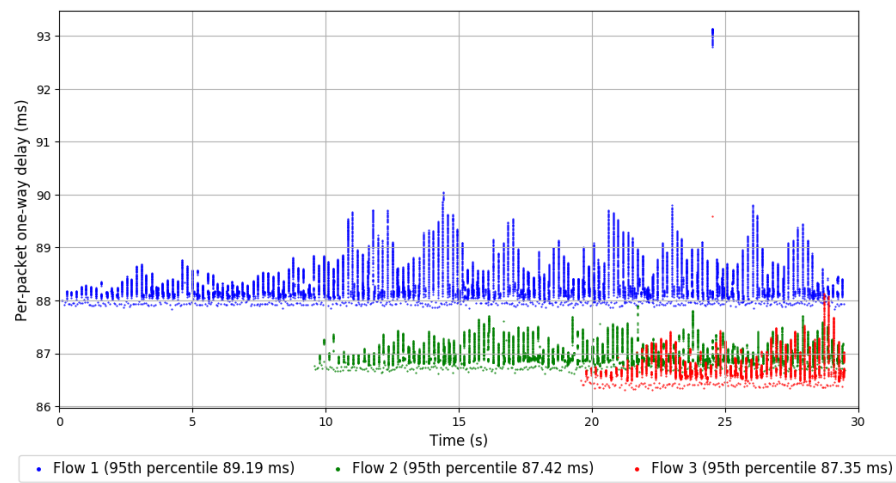
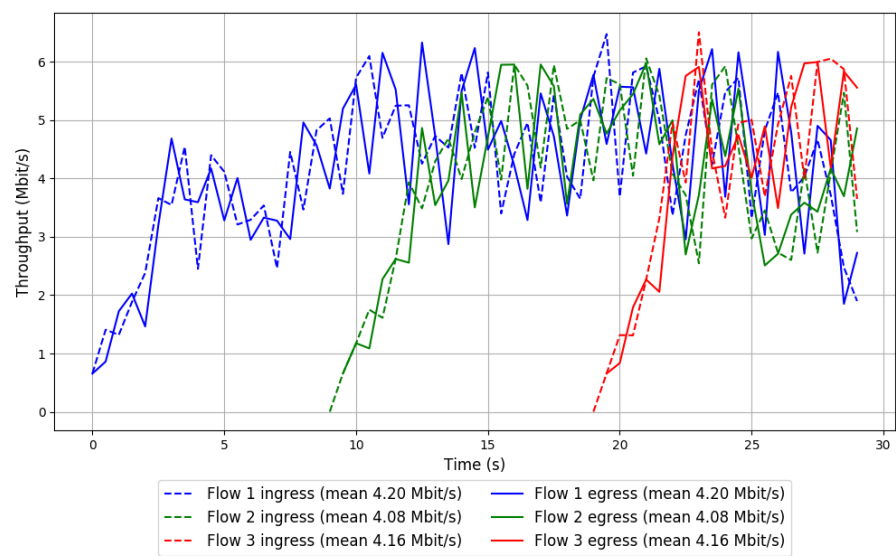


Run 5: Statistics of Sprout

Start at: 2017-11-16 12:15:15
End at: 2017-11-16 12:15:45
Local clock offset: 0.053 ms
Remote clock offset: -1.109 ms

```
# Below is generated by plot.py at 2017-11-16 15:16:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.36 Mbit/s
95th percentile per-packet one-way delay: 88.954 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.20 Mbit/s
95th percentile per-packet one-way delay: 89.190 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 4.08 Mbit/s
95th percentile per-packet one-way delay: 87.419 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.16 Mbit/s
95th percentile per-packet one-way delay: 87.351 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

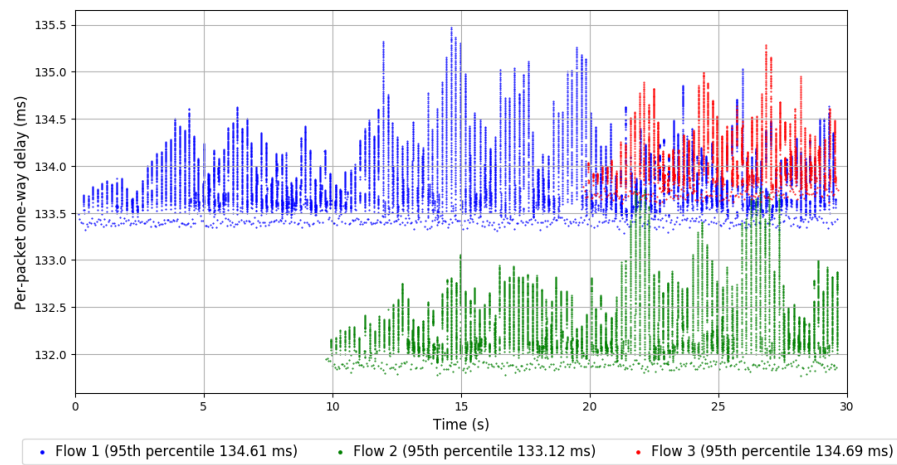
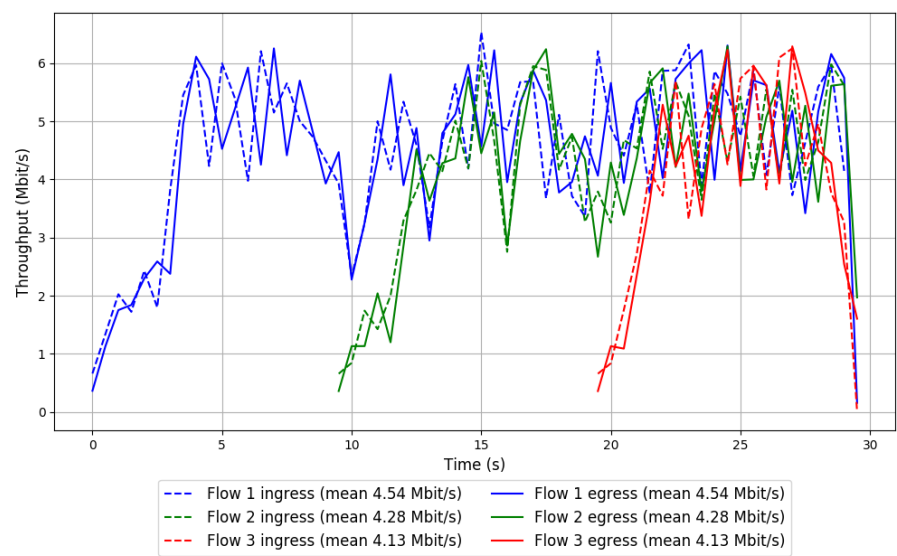


Run 6: Statistics of Sprout

Start at: 2017-11-16 12:34:58
End at: 2017-11-16 12:35:28
Local clock offset: 0.033 ms
Remote clock offset: 43.611 ms

Below is generated by plot.py at 2017-11-16 15:16:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.81 Mbit/s
95th percentile per-packet one-way delay: 134.526 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.54 Mbit/s
95th percentile per-packet one-way delay: 134.610 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.28 Mbit/s
95th percentile per-packet one-way delay: 133.123 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.13 Mbit/s
95th percentile per-packet one-way delay: 134.689 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

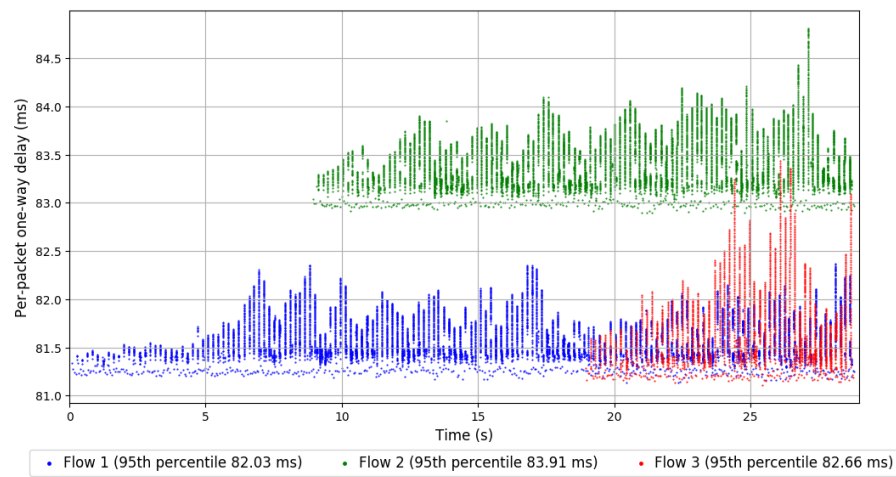
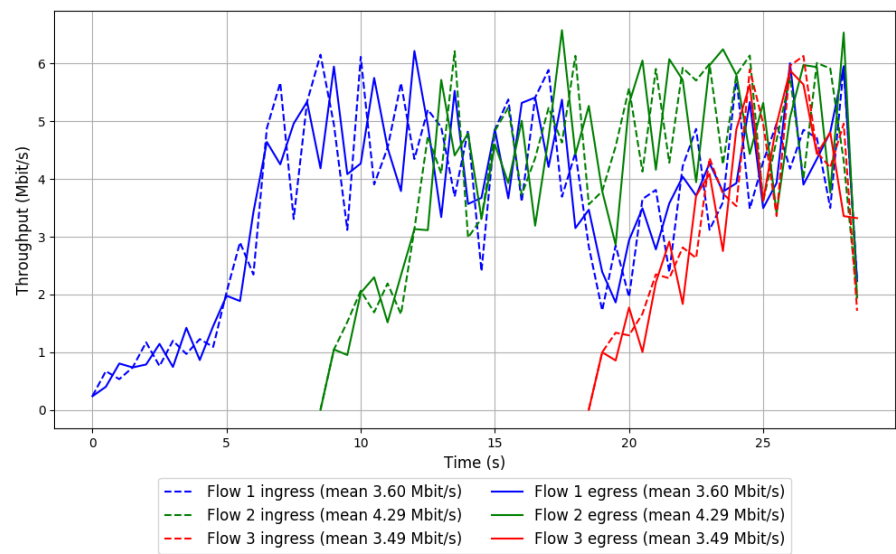


Run 7: Statistics of Sprout

Start at: 2017-11-16 12:54:42
End at: 2017-11-16 12:55:12
Local clock offset: -0.132 ms
Remote clock offset: -7.716 ms

Below is generated by plot.py at 2017-11-16 15:16:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 7.77 Mbit/s
95th percentile per-packet one-way delay: 83.758 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.60 Mbit/s
95th percentile per-packet one-way delay: 82.034 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.29 Mbit/s
95th percentile per-packet one-way delay: 83.912 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.49 Mbit/s
95th percentile per-packet one-way delay: 82.662 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

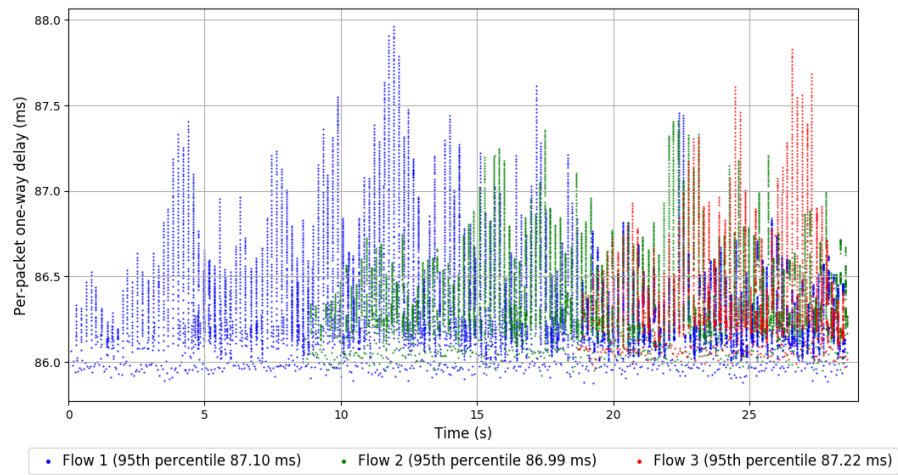
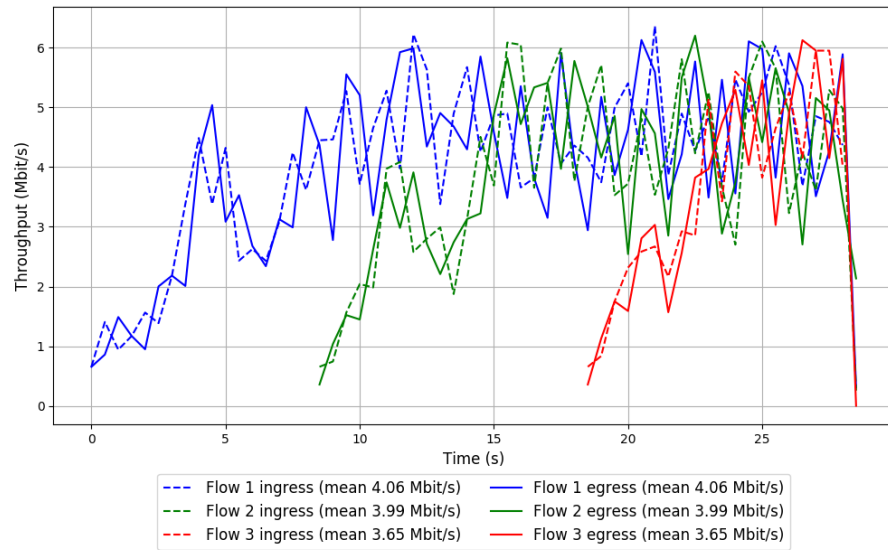


Run 8: Statistics of Sprout

Start at: 2017-11-16 13:14:33
End at: 2017-11-16 13:15:03
Local clock offset: -0.221 ms
Remote clock offset: -3.227 ms

```
# Below is generated by plot.py at 2017-11-16 15:16:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.10 Mbit/s
95th percentile per-packet one-way delay: 87.079 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.06 Mbit/s
95th percentile per-packet one-way delay: 87.099 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.99 Mbit/s
95th percentile per-packet one-way delay: 86.994 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.65 Mbit/s
95th percentile per-packet one-way delay: 87.216 ms
Loss rate: 0.00%
```

Run 8: Report of Sprout — Data Link

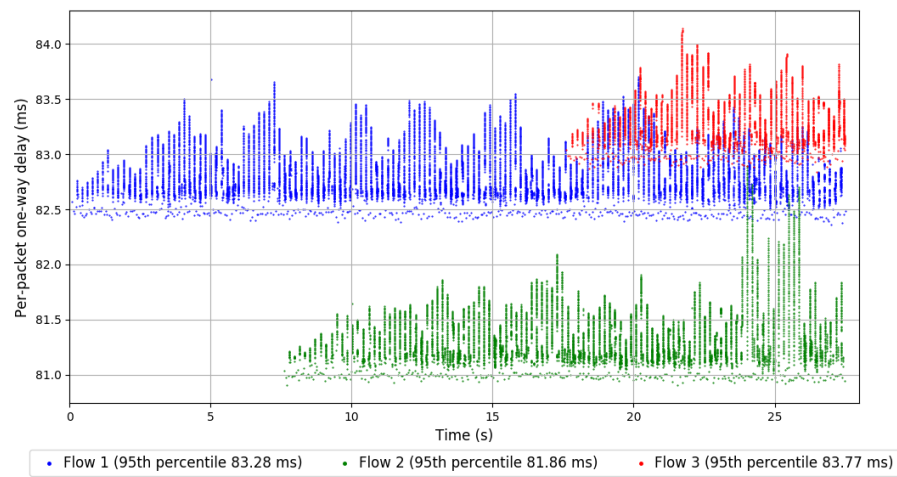
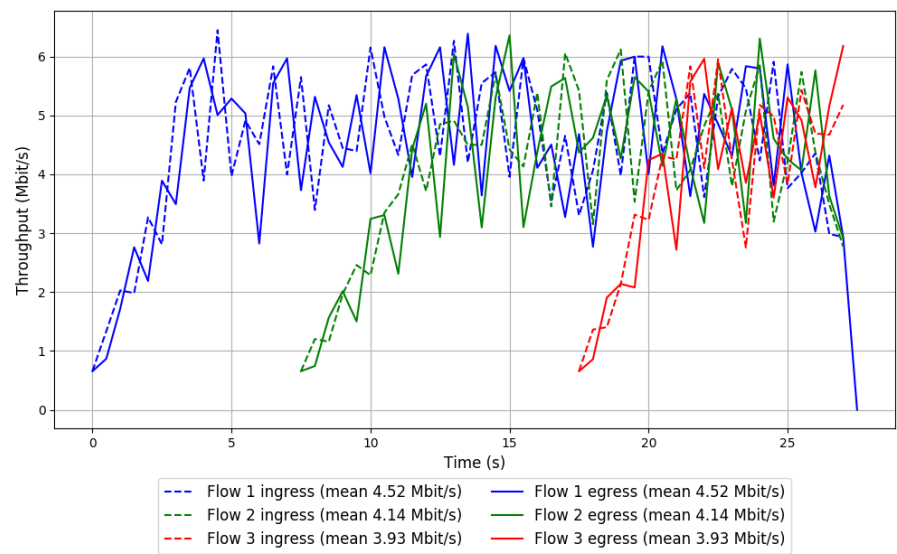


Run 9: Statistics of Sprout

Start at: 2017-11-16 13:34:23
End at: 2017-11-16 13:34:53
Local clock offset: -0.342 ms
Remote clock offset: -8.3 ms

```
# Below is generated by plot.py at 2017-11-16 15:16:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.93 Mbit/s
95th percentile per-packet one-way delay: 83.443 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.52 Mbit/s
95th percentile per-packet one-way delay: 83.281 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.14 Mbit/s
95th percentile per-packet one-way delay: 81.862 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.93 Mbit/s
95th percentile per-packet one-way delay: 83.765 ms
Loss rate: 0.00%
```

Run 9: Report of Sprout — Data Link

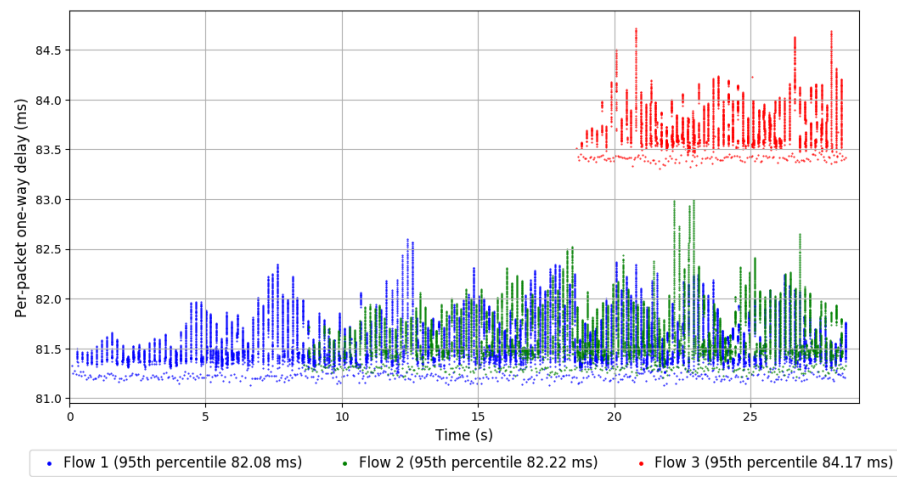
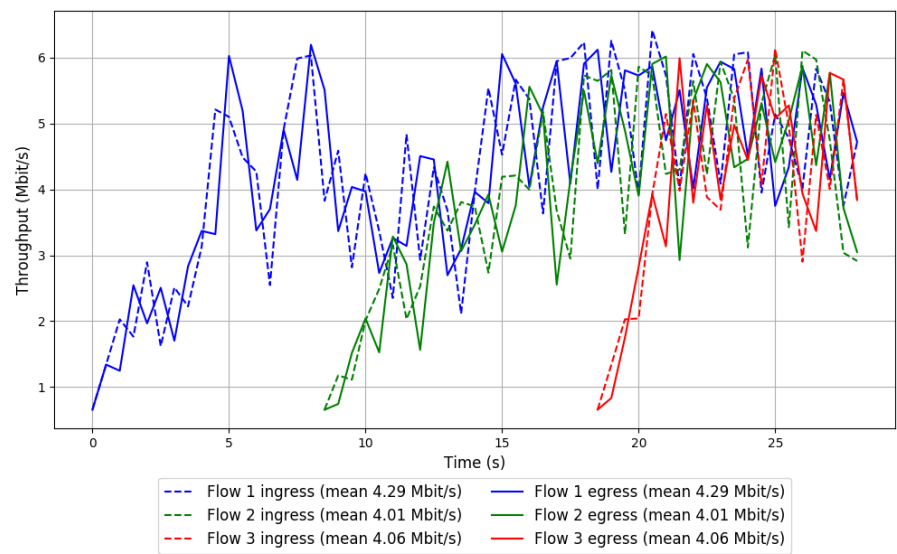


Run 10: Statistics of Sprout

Start at: 2017-11-16 13:54:20
End at: 2017-11-16 13:54:50
Local clock offset: -0.266 ms
Remote clock offset: -8.247 ms

Below is generated by plot.py at 2017-11-16 15:16:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.50 Mbit/s
95th percentile per-packet one-way delay: 83.877 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.29 Mbit/s
95th percentile per-packet one-way delay: 82.078 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.01 Mbit/s
95th percentile per-packet one-way delay: 82.221 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.06 Mbit/s
95th percentile per-packet one-way delay: 84.175 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

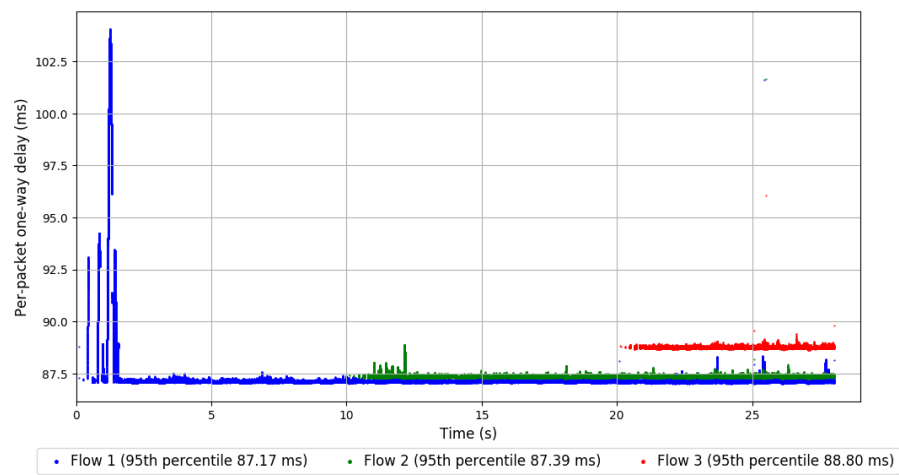
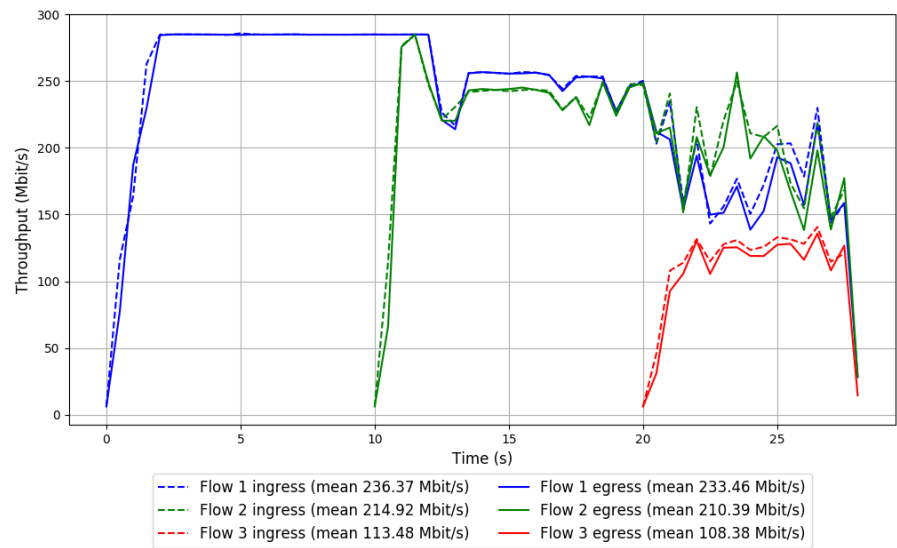


```
Run 1: Statistics of TaoVA-100x

Start at: 2017-11-16 10:47:17
End at: 2017-11-16 10:47:47
Local clock offset: 0.107 ms
Remote clock offset: 1.216 ms

# Below is generated by plot.py at 2017-11-16 15:25:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 399.18 Mbit/s
95th percentile per-packet one-way delay: 88.753 ms
Loss rate: 1.79%
-- Flow 1:
Average throughput: 233.46 Mbit/s
95th percentile per-packet one-way delay: 87.170 ms
Loss rate: 1.24%
-- Flow 2:
Average throughput: 210.39 Mbit/s
95th percentile per-packet one-way delay: 87.390 ms
Loss rate: 2.11%
-- Flow 3:
Average throughput: 108.38 Mbit/s
95th percentile per-packet one-way delay: 88.803 ms
Loss rate: 4.50%
```


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



Run 2: Statistics of TaoVA-100x

Start at: 2017-11-16 11:07:17

End at: 2017-11-16 11:07:47

Local clock offset: 0.054 ms

Remote clock offset: 1.463 ms

Below is generated by plot.py at 2017-11-16 15:26:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 402.11 Mbit/s

95th percentile per-packet one-way delay: 89.577 ms

Loss rate: 1.96%

-- Flow 1:

Average throughput: 236.08 Mbit/s

95th percentile per-packet one-way delay: 87.133 ms

Loss rate: 1.27%

-- Flow 2:

Average throughput: 206.38 Mbit/s

95th percentile per-packet one-way delay: 87.140 ms

Loss rate: 2.35%

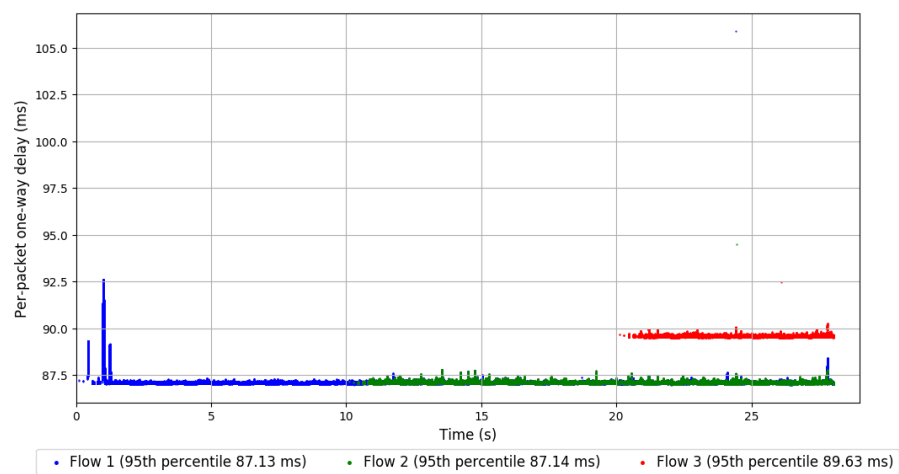
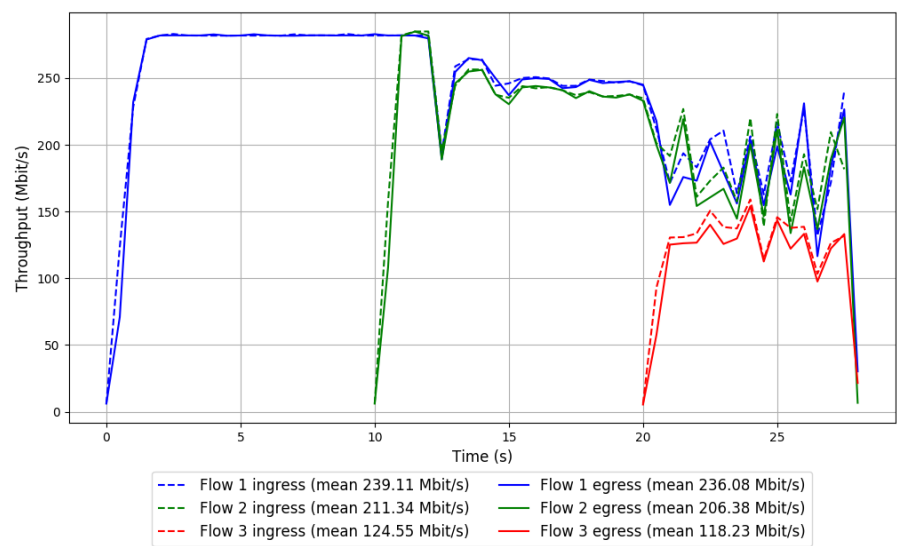
-- Flow 3:

Average throughput: 118.23 Mbit/s

95th percentile per-packet one-way delay: 89.632 ms

Loss rate: 5.09%

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



Run 3: Statistics of TaoVA-100x

Start at: 2017-11-16 11:27:08

End at: 2017-11-16 11:27:38

Local clock offset: 0.114 ms

Remote clock offset: 1.372 ms

Below is generated by plot.py at 2017-11-16 15:26:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 397.97 Mbit/s

95th percentile per-packet one-way delay: 89.243 ms

Loss rate: 2.01%

-- Flow 1:

Average throughput: 221.13 Mbit/s

95th percentile per-packet one-way delay: 86.857 ms

Loss rate: 1.17%

-- Flow 2:

Average throughput: 204.70 Mbit/s

95th percentile per-packet one-way delay: 86.685 ms

Loss rate: 2.29%

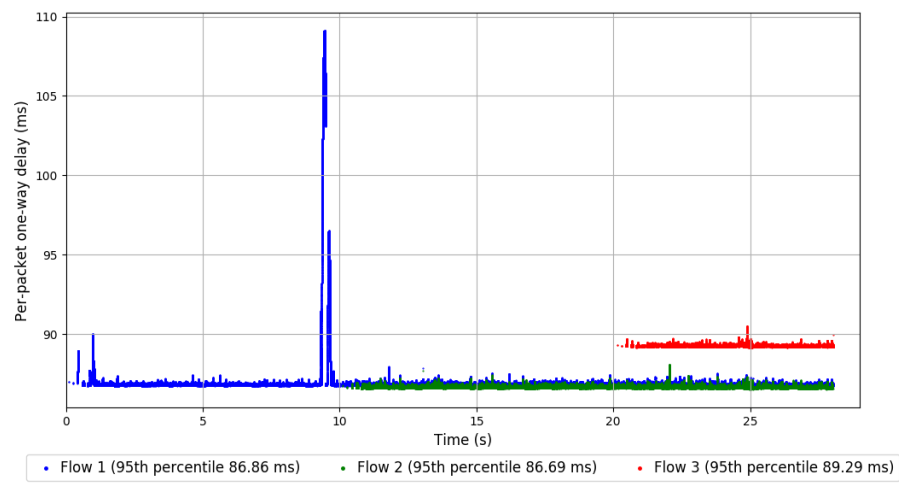
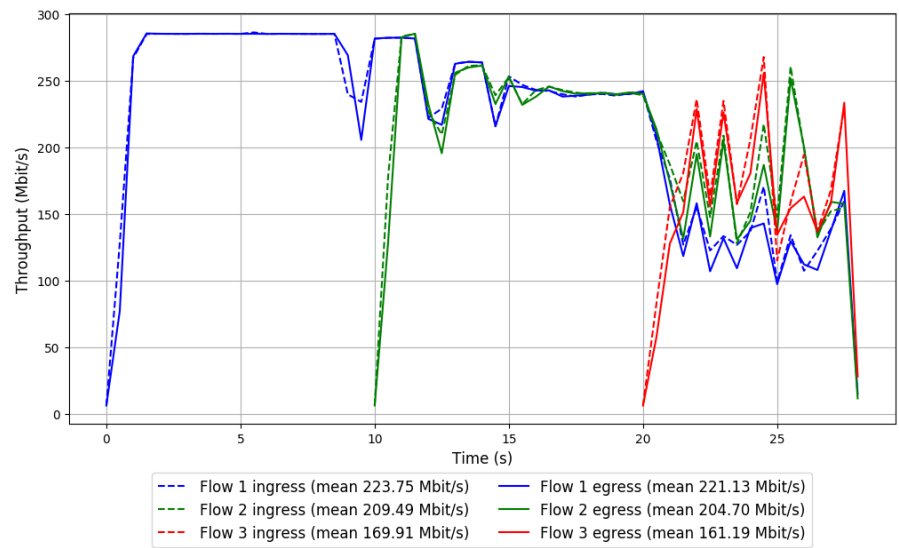
-- Flow 3:

Average throughput: 161.19 Mbit/s

95th percentile per-packet one-way delay: 89.294 ms

Loss rate: 5.13%

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



Run 4: Statistics of TaoVA-100x

Start at: 2017-11-16 11:47:06

End at: 2017-11-16 11:47:36

Local clock offset: 0.113 ms

Remote clock offset: 0.108 ms

Below is generated by plot.py at 2017-11-16 15:26:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 397.22 Mbit/s

95th percentile per-packet one-way delay: 87.099 ms

Loss rate: 2.11%

-- Flow 1:

Average throughput: 231.72 Mbit/s

95th percentile per-packet one-way delay: 86.247 ms

Loss rate: 1.36%

-- Flow 2:

Average throughput: 206.03 Mbit/s

95th percentile per-packet one-way delay: 87.123 ms

Loss rate: 2.32%

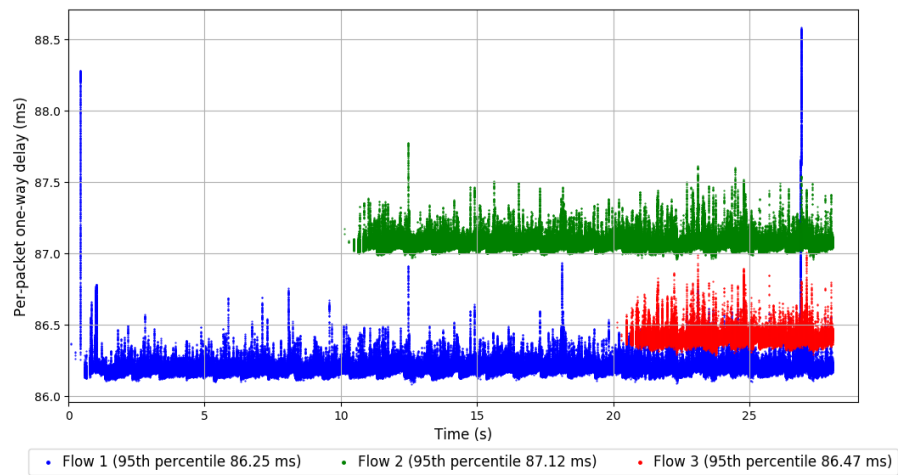
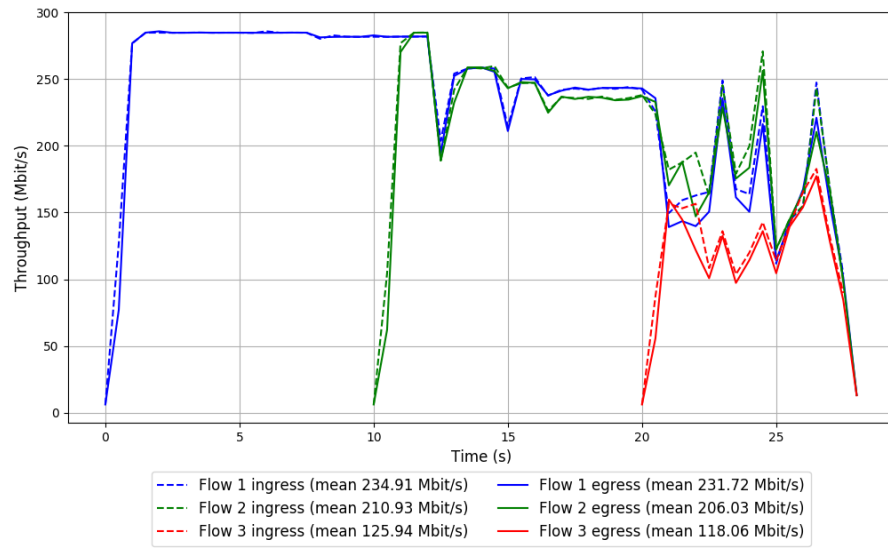
-- Flow 3:

Average throughput: 118.06 Mbit/s

95th percentile per-packet one-way delay: 86.473 ms

Loss rate: 6.26%

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

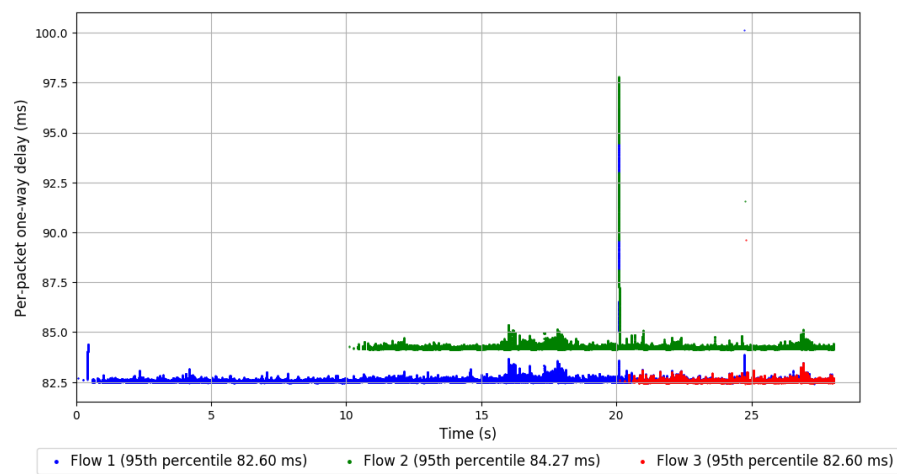
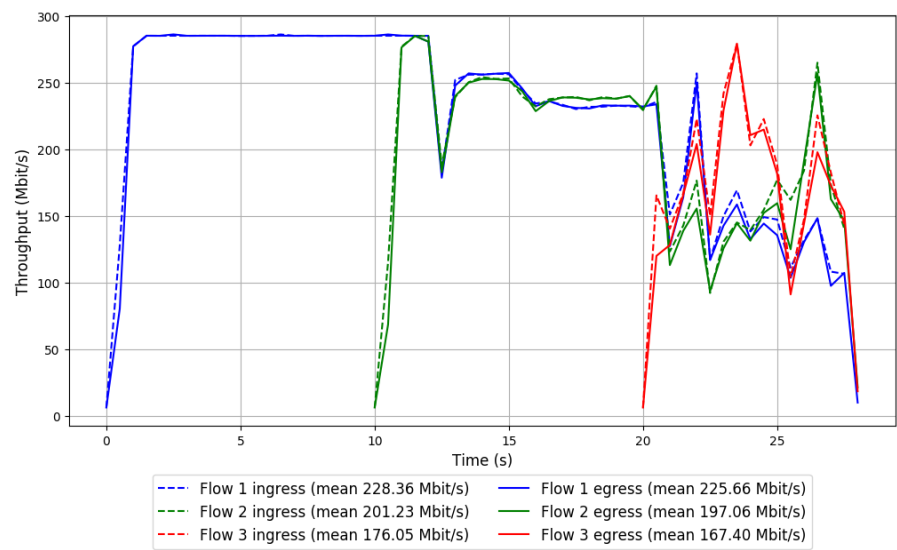


Run 5: Statistics of TaoVA-100x

Start at: 2017-11-16 12:06:54
End at: 2017-11-16 12:07:24
Local clock offset: 0.071 ms
Remote clock offset: -4.818 ms

Below is generated by plot.py at 2017-11-16 15:26:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 399.53 Mbit/s
95th percentile per-packet one-way delay: 84.244 ms
Loss rate: 1.92%
-- Flow 1:
Average throughput: 225.66 Mbit/s
95th percentile per-packet one-way delay: 82.603 ms
Loss rate: 1.18%
-- Flow 2:
Average throughput: 197.06 Mbit/s
95th percentile per-packet one-way delay: 84.274 ms
Loss rate: 2.07%
-- Flow 3:
Average throughput: 167.40 Mbit/s
95th percentile per-packet one-way delay: 82.603 ms
Loss rate: 4.92%

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

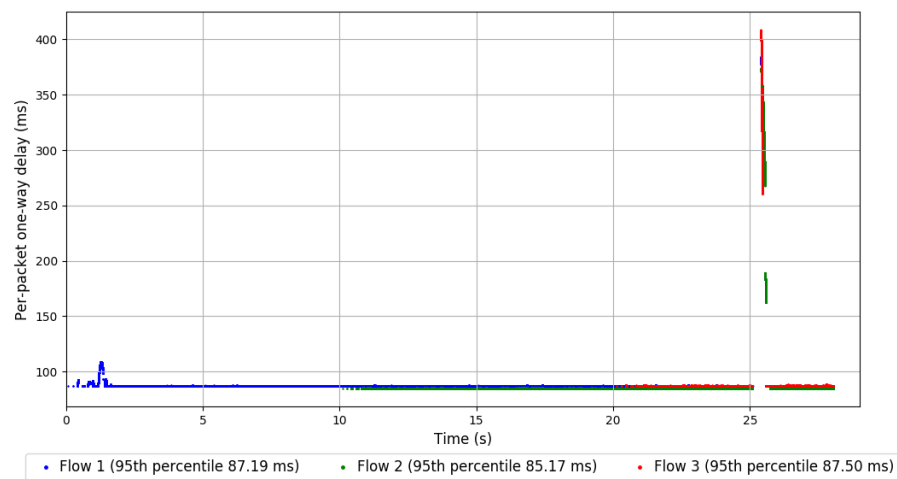
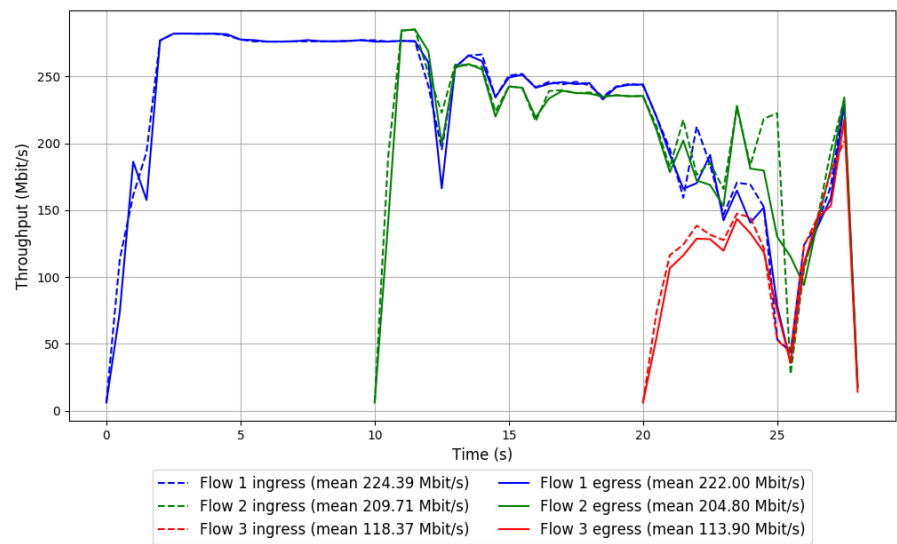


Run 6: Statistics of TaoVA-100x

Start at: 2017-11-16 12:26:39
End at: 2017-11-16 12:27:09
Local clock offset: 0.036 ms
Remote clock offset: -2.433 ms

Below is generated by plot.py at 2017-11-16 15:26:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 385.71 Mbit/s
95th percentile per-packet one-way delay: 87.386 ms
Loss rate: 1.74%
-- Flow 1:
Average throughput: 222.00 Mbit/s
95th percentile per-packet one-way delay: 87.188 ms
Loss rate: 1.07%
-- Flow 2:
Average throughput: 204.80 Mbit/s
95th percentile per-packet one-way delay: 85.170 ms
Loss rate: 2.34%
-- Flow 3:
Average throughput: 113.90 Mbit/s
95th percentile per-packet one-way delay: 87.496 ms
Loss rate: 3.78%

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

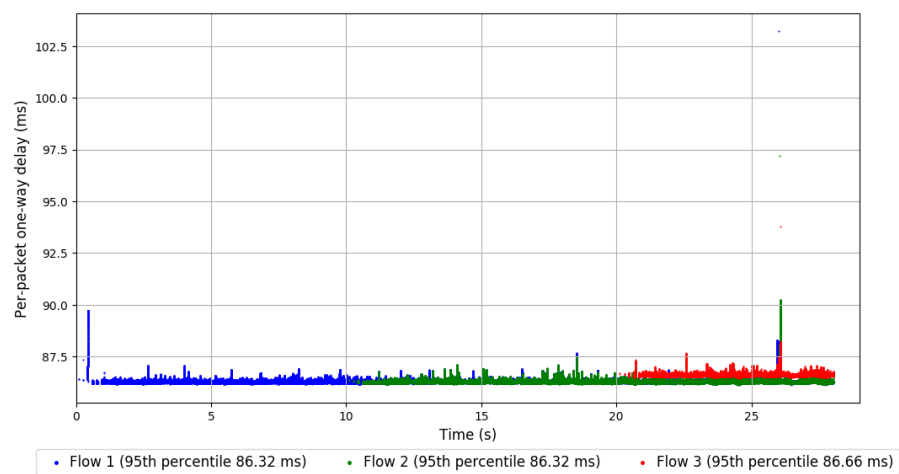
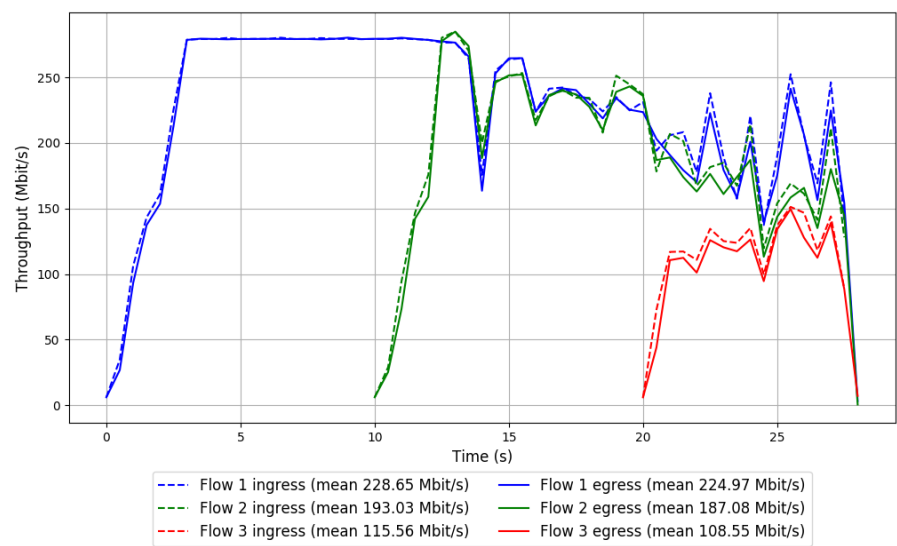


Run 7: Statistics of TaoVA-100x

Start at: 2017-11-16 12:46:26
End at: 2017-11-16 12:46:56
Local clock offset: -0.011 ms
Remote clock offset: -2.243 ms

Below is generated by plot.py at 2017-11-16 15:26:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 375.75 Mbit/s
95th percentile per-packet one-way delay: 86.593 ms
Loss rate: 2.46%
-- Flow 1:
Average throughput: 224.97 Mbit/s
95th percentile per-packet one-way delay: 86.318 ms
Loss rate: 1.61%
-- Flow 2:
Average throughput: 187.08 Mbit/s
95th percentile per-packet one-way delay: 86.322 ms
Loss rate: 3.08%
-- Flow 3:
Average throughput: 108.55 Mbit/s
95th percentile per-packet one-way delay: 86.664 ms
Loss rate: 6.07%

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

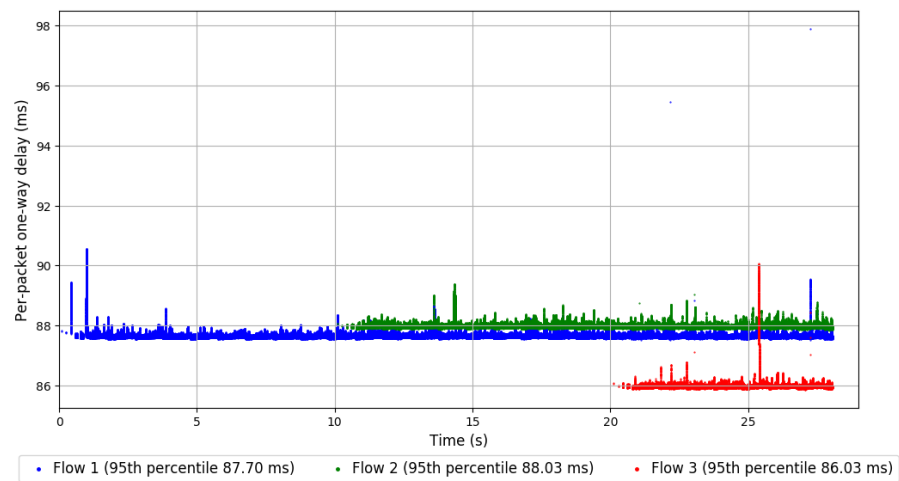
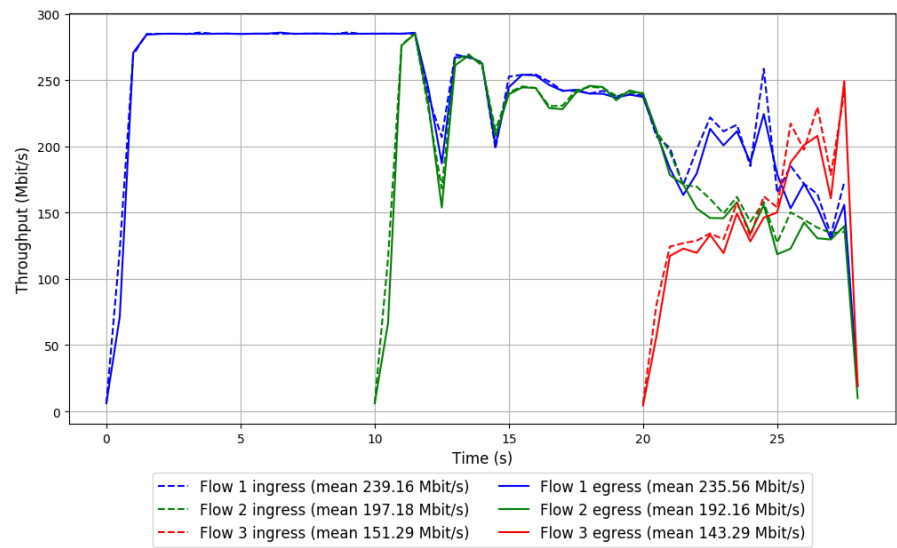


Run 8: Statistics of TaoVA-100x

Start at: 2017-11-16 13:06:14
End at: 2017-11-16 13:06:44
Local clock offset: -0.152 ms
Remote clock offset: -3.003 ms

Below is generated by plot.py at 2017-11-16 15:26:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 399.56 Mbit/s
95th percentile per-packet one-way delay: 87.998 ms
Loss rate: 2.22%
-- Flow 1:
Average throughput: 235.56 Mbit/s
95th percentile per-packet one-way delay: 87.698 ms
Loss rate: 1.50%
-- Flow 2:
Average throughput: 192.16 Mbit/s
95th percentile per-packet one-way delay: 88.030 ms
Loss rate: 2.54%
-- Flow 3:
Average throughput: 143.29 Mbit/s
95th percentile per-packet one-way delay: 86.026 ms
Loss rate: 5.29%

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

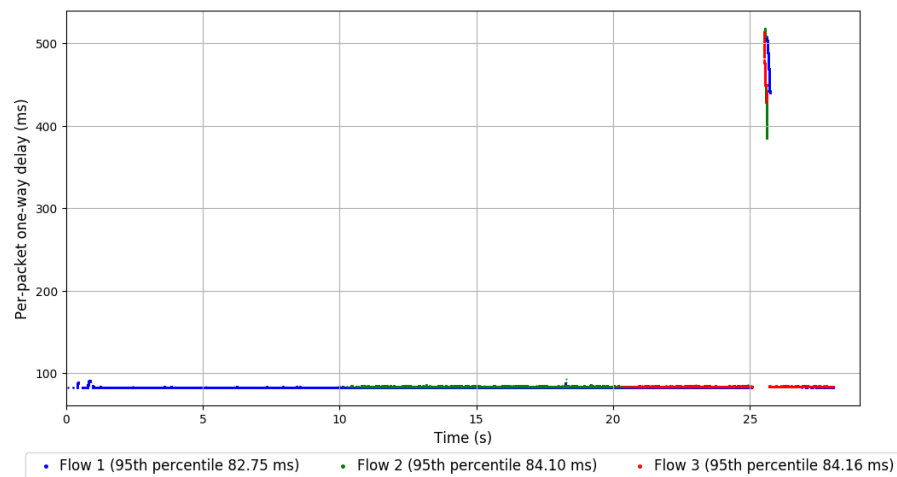
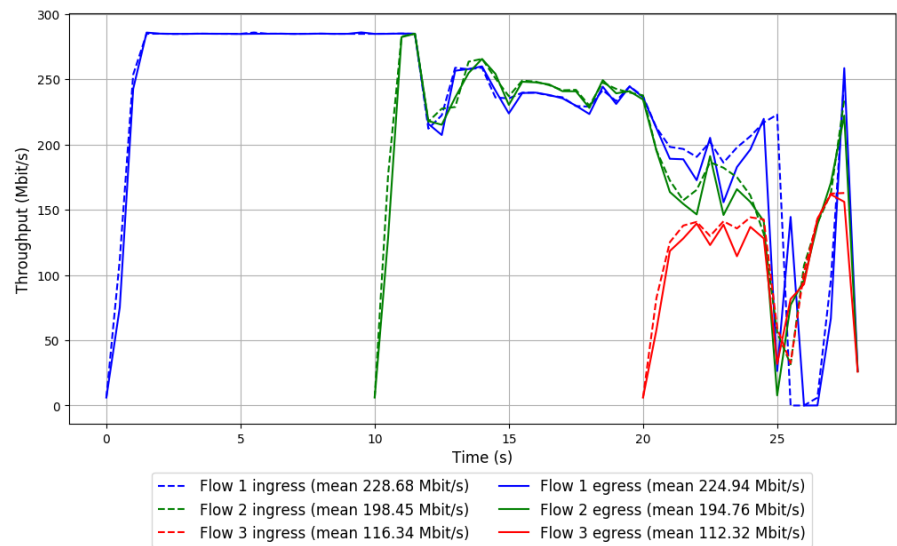


Run 9: Statistics of TaoVA-100x

Start at: 2017-11-16 13:26:03
End at: 2017-11-16 13:26:33
Local clock offset: -0.255 ms
Remote clock offset: -6.967 ms

Below is generated by plot.py at 2017-11-16 15:35:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 381.83 Mbit/s
95th percentile per-packet one-way delay: 84.057 ms
Loss rate: 1.87%
-- Flow 1:
Average throughput: 224.94 Mbit/s
95th percentile per-packet one-way delay: 82.749 ms
Loss rate: 1.64%
-- Flow 2:
Average throughput: 194.76 Mbit/s
95th percentile per-packet one-way delay: 84.101 ms
Loss rate: 1.86%
-- Flow 3:
Average throughput: 112.32 Mbit/s
95th percentile per-packet one-way delay: 84.157 ms
Loss rate: 3.45%

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

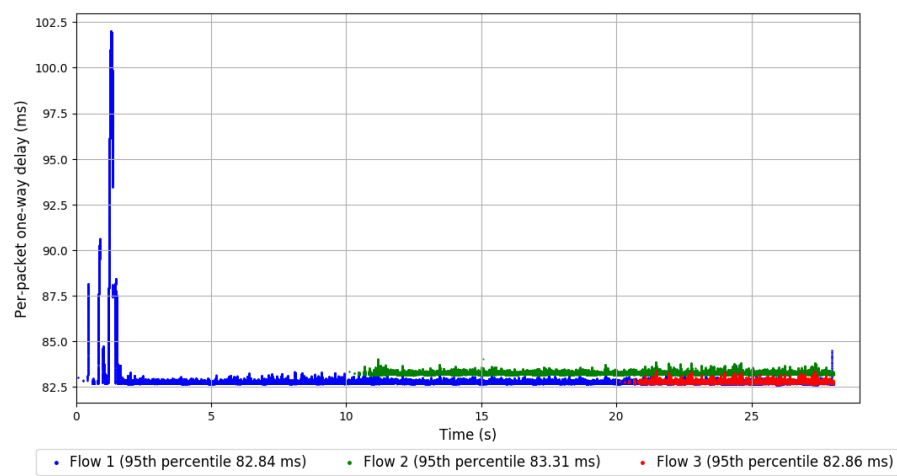
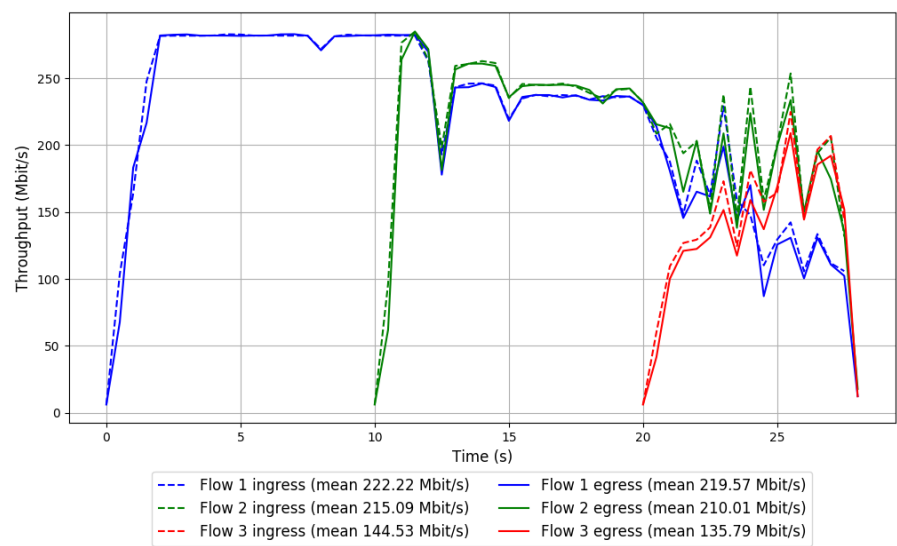


Run 10: Statistics of TaoVA-100x

Start at: 2017-11-16 13:45:58
End at: 2017-11-16 13:46:28
Local clock offset: -0.304 ms
Remote clock offset: -8.265 ms

Below is generated by plot.py at 2017-11-16 15:35:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 392.66 Mbit/s
95th percentile per-packet one-way delay: 83.279 ms
Loss rate: 2.09%
-- Flow 1:
Average throughput: 219.57 Mbit/s
95th percentile per-packet one-way delay: 82.843 ms
Loss rate: 1.19%
-- Flow 2:
Average throughput: 210.01 Mbit/s
95th percentile per-packet one-way delay: 83.310 ms
Loss rate: 2.36%
-- Flow 3:
Average throughput: 135.79 Mbit/s
95th percentile per-packet one-way delay: 82.862 ms
Loss rate: 6.04%

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

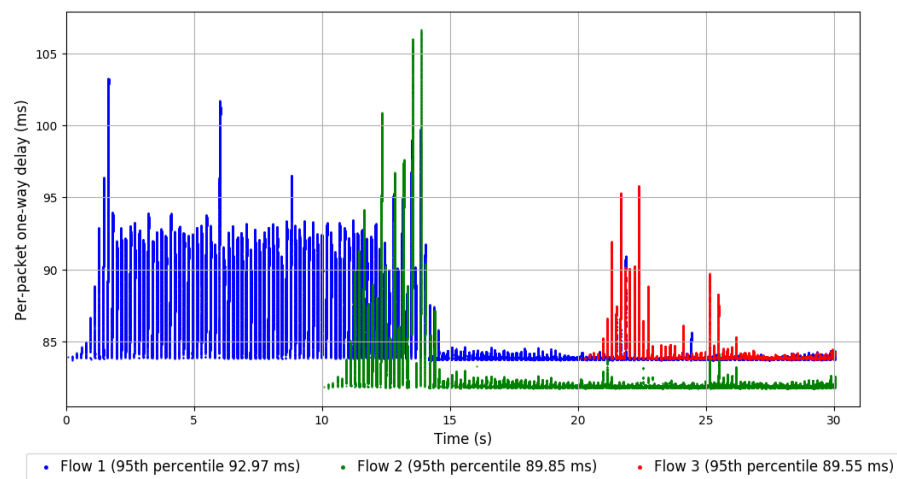
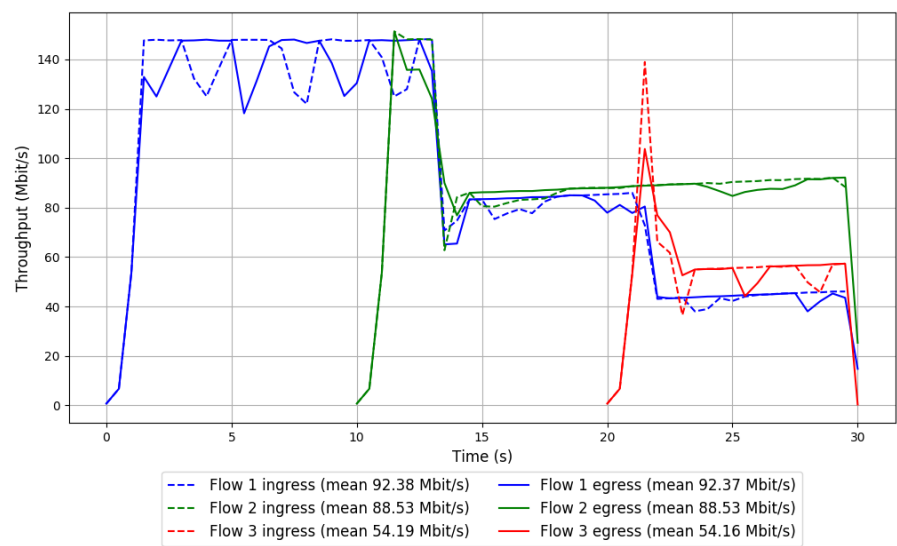


Run 1: Statistics of TCP Vegas

Start at: 2017-11-16 10:58:09
End at: 2017-11-16 10:58:39
Local clock offset: 0.101 ms
Remote clock offset: -3.891 ms

Below is generated by plot.py at 2017-11-16 15:35:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 169.27 Mbit/s
95th percentile per-packet one-way delay: 92.695 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 92.37 Mbit/s
95th percentile per-packet one-way delay: 92.969 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 88.53 Mbit/s
95th percentile per-packet one-way delay: 89.851 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 54.16 Mbit/s
95th percentile per-packet one-way delay: 89.552 ms
Loss rate: 0.05%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2017-11-16 11:18:12

End at: 2017-11-16 11:18:42

Local clock offset: 0.13 ms

Remote clock offset: 0.345 ms

Below is generated by plot.py at 2017-11-16 15:35:53

Datalink statistics

-- Total of 3 flows:

Average throughput: 169.43 Mbit/s

95th percentile per-packet one-way delay: 97.281 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 96.38 Mbit/s

95th percentile per-packet one-way delay: 94.445 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 53.72 Mbit/s

95th percentile per-packet one-way delay: 99.588 ms

Loss rate: 0.01%

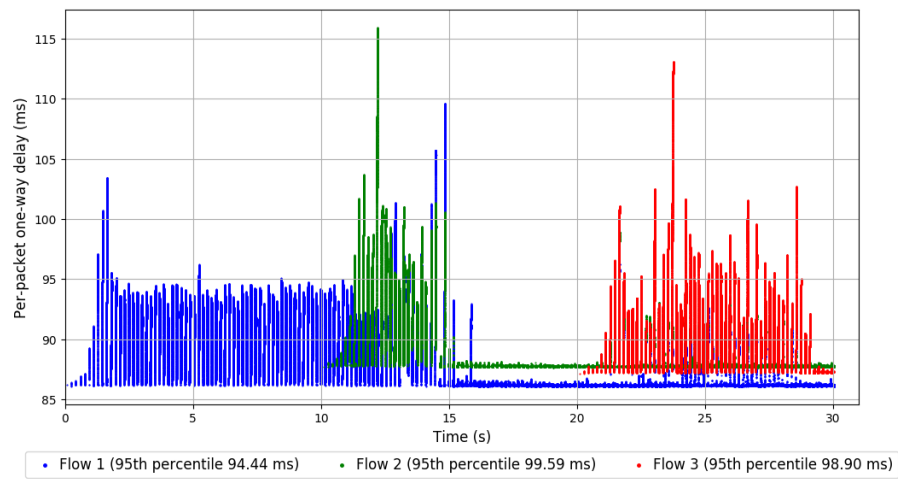
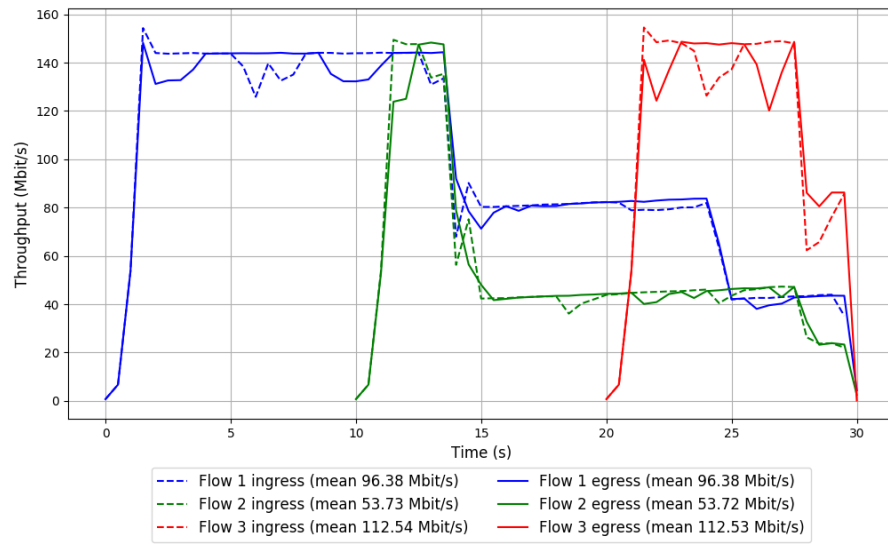
-- Flow 3:

Average throughput: 112.53 Mbit/s

95th percentile per-packet one-way delay: 98.901 ms

Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link

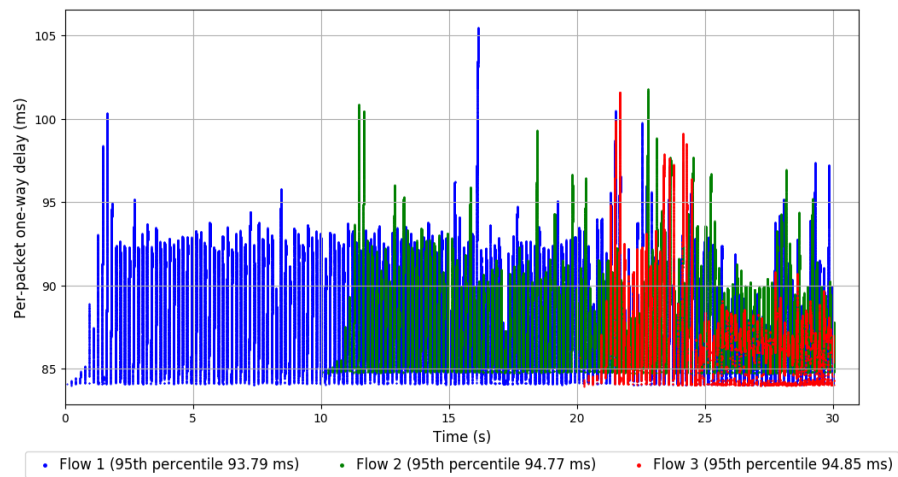
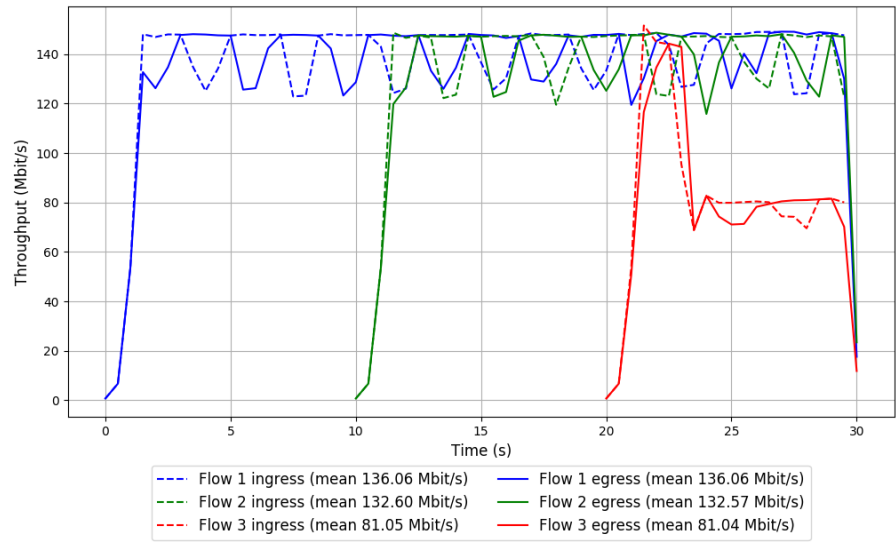


Run 3: Statistics of TCP Vegas

Start at: 2017-11-16 11:38:03
End at: 2017-11-16 11:38:33
Local clock offset: 0.126 ms
Remote clock offset: -3.471 ms

Below is generated by plot.py at 2017-11-16 15:35:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 251.03 Mbit/s
95th percentile per-packet one-way delay: 94.230 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 136.06 Mbit/s
95th percentile per-packet one-way delay: 93.788 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 132.57 Mbit/s
95th percentile per-packet one-way delay: 94.771 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 81.04 Mbit/s
95th percentile per-packet one-way delay: 94.847 ms
Loss rate: 0.03%

Run 3: Report of TCP Vegas — Data Link

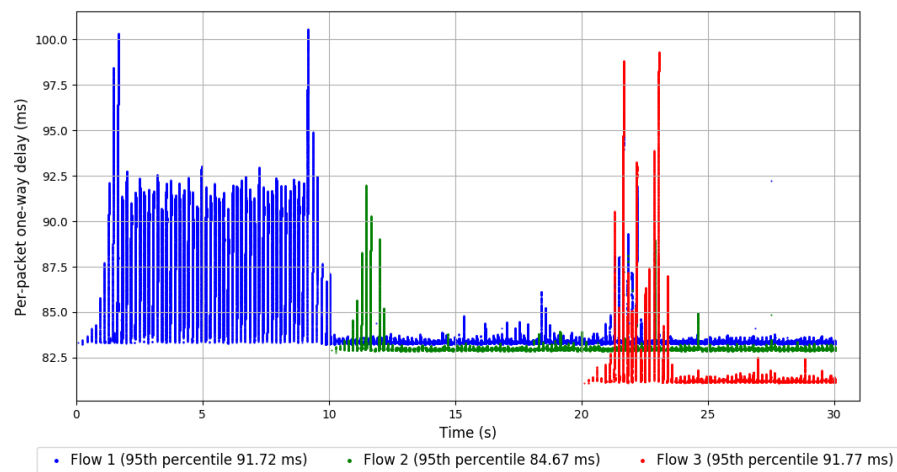
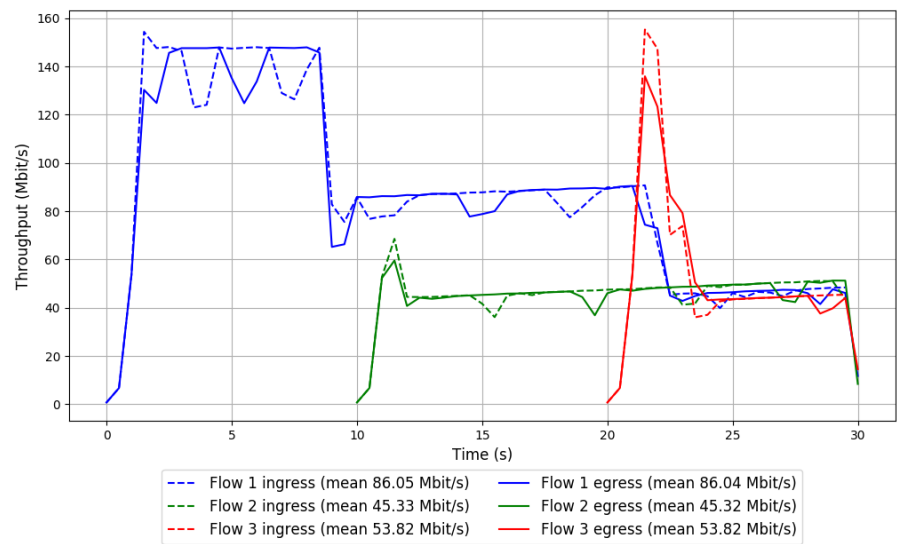


Run 4: Statistics of TCP Vegas

Start at: 2017-11-16 11:58:05
End at: 2017-11-16 11:58:35
Local clock offset: 0.025 ms
Remote clock offset: -5.539 ms

Below is generated by plot.py at 2017-11-16 15:35:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 134.05 Mbit/s
95th percentile per-packet one-way delay: 91.531 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 86.04 Mbit/s
95th percentile per-packet one-way delay: 91.724 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 45.32 Mbit/s
95th percentile per-packet one-way delay: 84.670 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 53.82 Mbit/s
95th percentile per-packet one-way delay: 91.774 ms
Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2017-11-16 12:17:50

End at: 2017-11-16 12:18:20

Local clock offset: 0.045 ms

Remote clock offset: -0.31 ms

Below is generated by plot.py at 2017-11-16 15:35:53

Datalink statistics

-- Total of 3 flows:

Average throughput: 85.33 Mbit/s

95th percentile per-packet one-way delay: 97.139 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 34.57 Mbit/s

95th percentile per-packet one-way delay: 96.375 ms

Loss rate: 0.02%

-- Flow 2:

Average throughput: 45.93 Mbit/s

95th percentile per-packet one-way delay: 97.738 ms

Loss rate: 0.04%

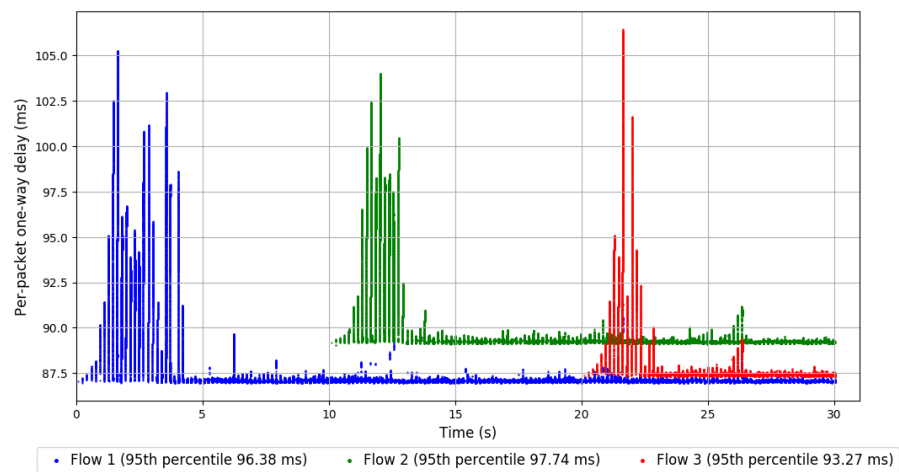
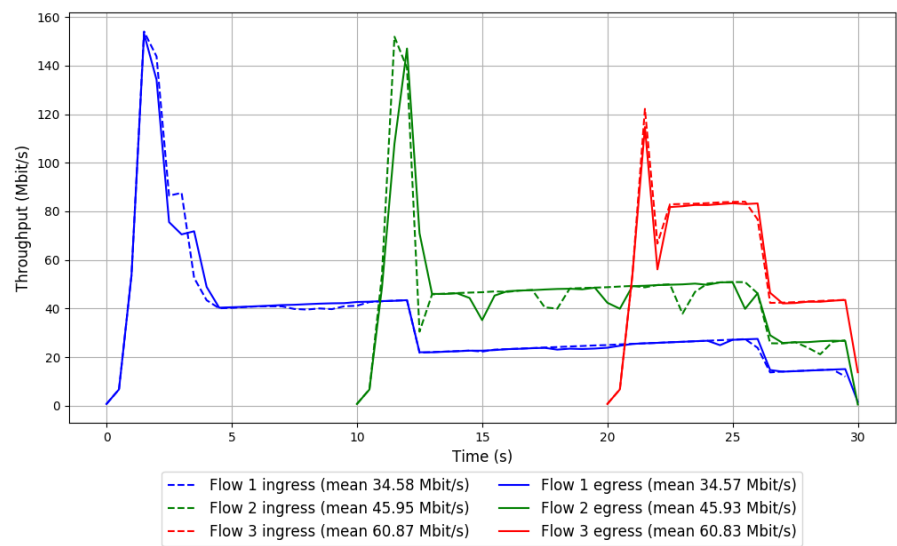
-- Flow 3:

Average throughput: 60.83 Mbit/s

95th percentile per-packet one-way delay: 93.273 ms

Loss rate: 0.06%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2017-11-16 12:37:34

End at: 2017-11-16 12:38:04

Local clock offset: 0.076 ms

Remote clock offset: -6.32 ms

Below is generated by plot.py at 2017-11-16 15:35:53

Datalink statistics

-- Total of 3 flows:

Average throughput: 99.03 Mbit/s

95th percentile per-packet one-way delay: 91.095 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 23.10 Mbit/s

95th percentile per-packet one-way delay: 84.271 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 91.96 Mbit/s

95th percentile per-packet one-way delay: 91.420 ms

Loss rate: 0.01%

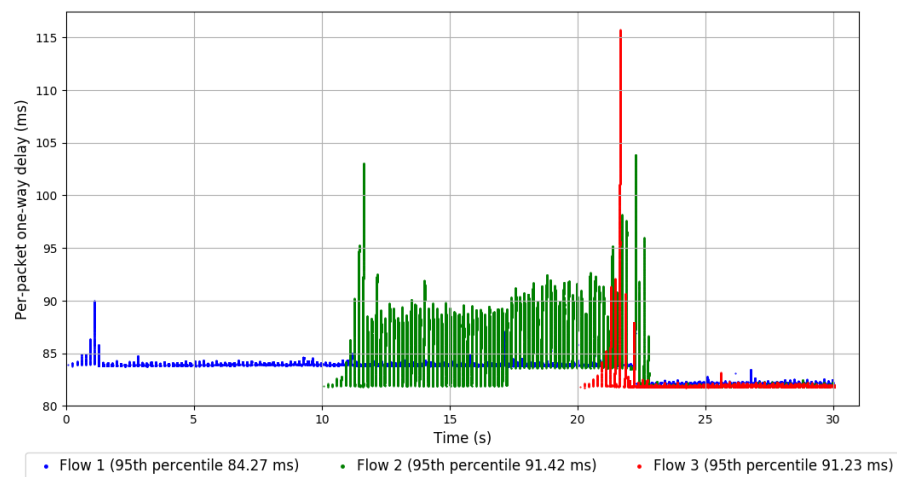
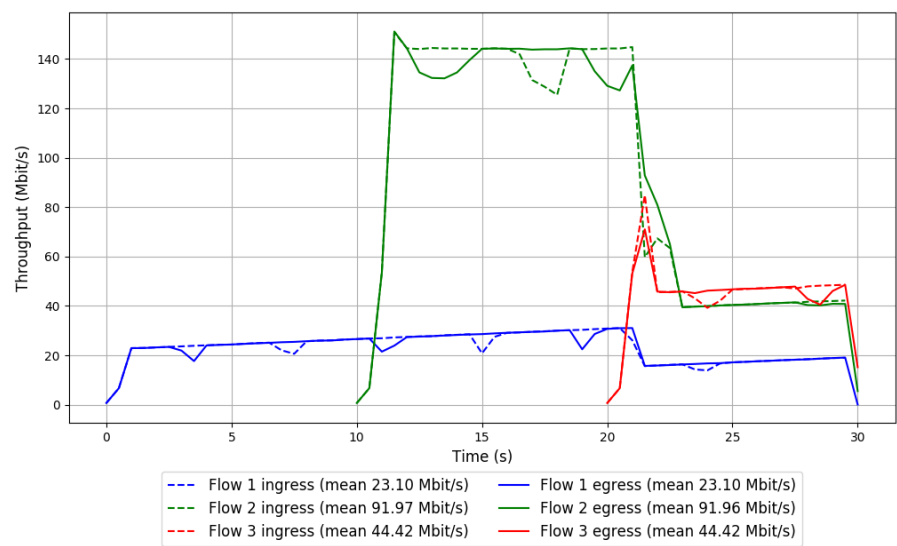
-- Flow 3:

Average throughput: 44.42 Mbit/s

95th percentile per-packet one-way delay: 91.230 ms

Loss rate: 0.01%

Run 6: Report of TCP Vegas — Data Link

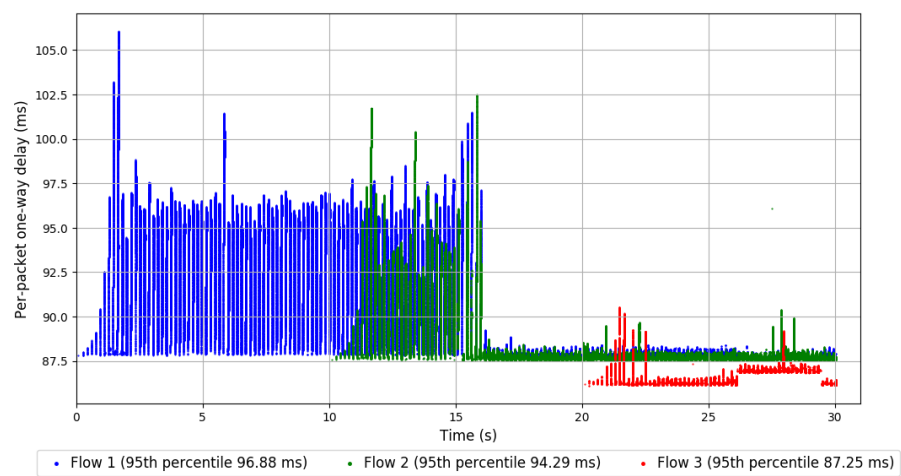
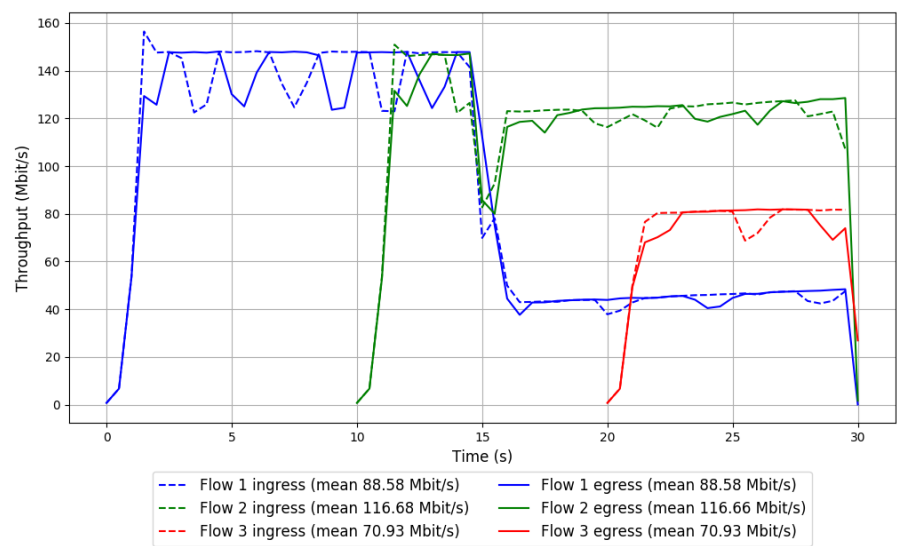


Run 7: Statistics of TCP Vegas

Start at: 2017-11-16 12:57:18
End at: 2017-11-16 12:57:48
Local clock offset: -0.162 ms
Remote clock offset: -2.937 ms

Below is generated by plot.py at 2017-11-16 15:35:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 189.72 Mbit/s
95th percentile per-packet one-way delay: 96.374 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 88.58 Mbit/s
95th percentile per-packet one-way delay: 96.884 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 116.66 Mbit/s
95th percentile per-packet one-way delay: 94.291 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 70.93 Mbit/s
95th percentile per-packet one-way delay: 87.247 ms
Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link

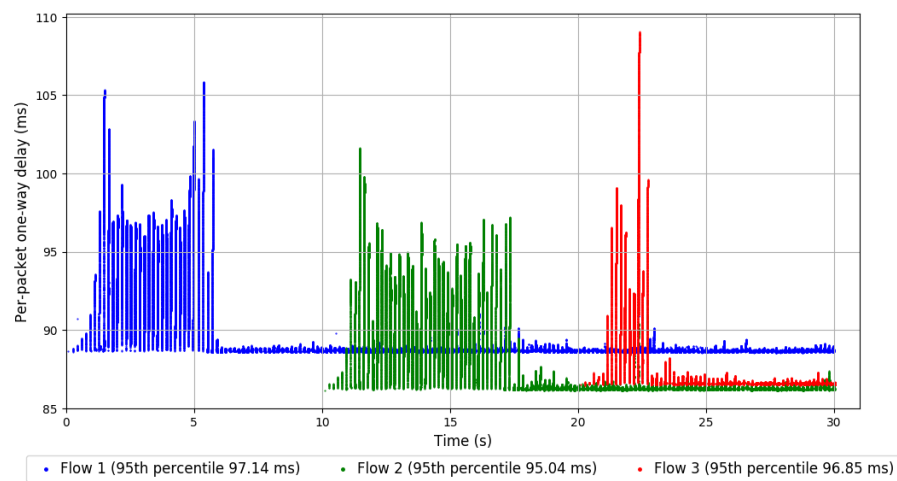
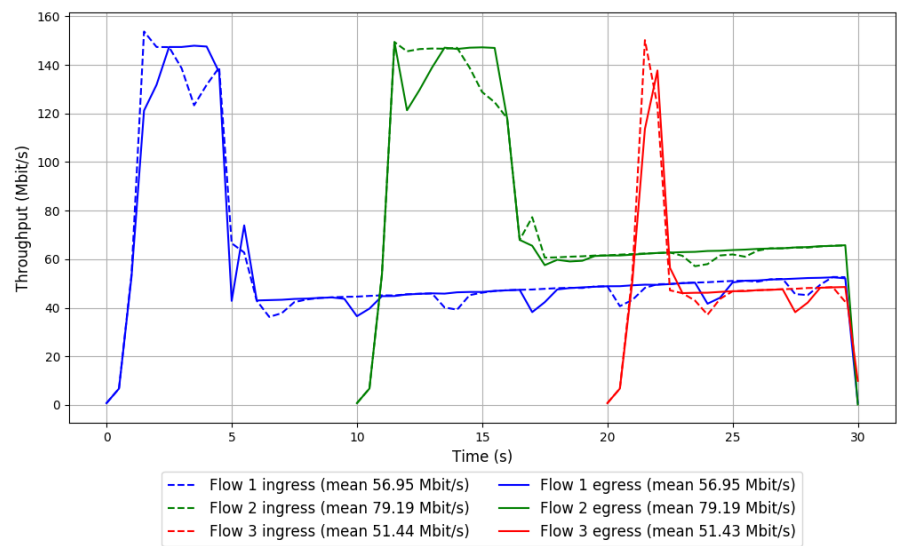


Run 8: Statistics of TCP Vegas

Start at: 2017-11-16 13:17:09
End at: 2017-11-16 13:17:39
Local clock offset: -0.224 ms
Remote clock offset: -2.966 ms

Below is generated by plot.py at 2017-11-16 15:35:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 126.65 Mbit/s
95th percentile per-packet one-way delay: 96.622 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 56.95 Mbit/s
95th percentile per-packet one-way delay: 97.145 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 79.19 Mbit/s
95th percentile per-packet one-way delay: 95.042 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 51.43 Mbit/s
95th percentile per-packet one-way delay: 96.852 ms
Loss rate: 0.01%

Run 8: Report of TCP Vegas — Data Link

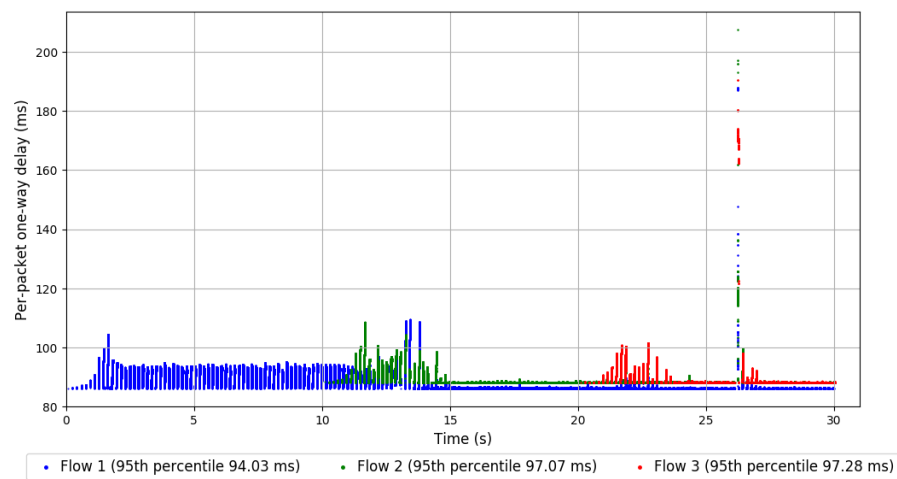
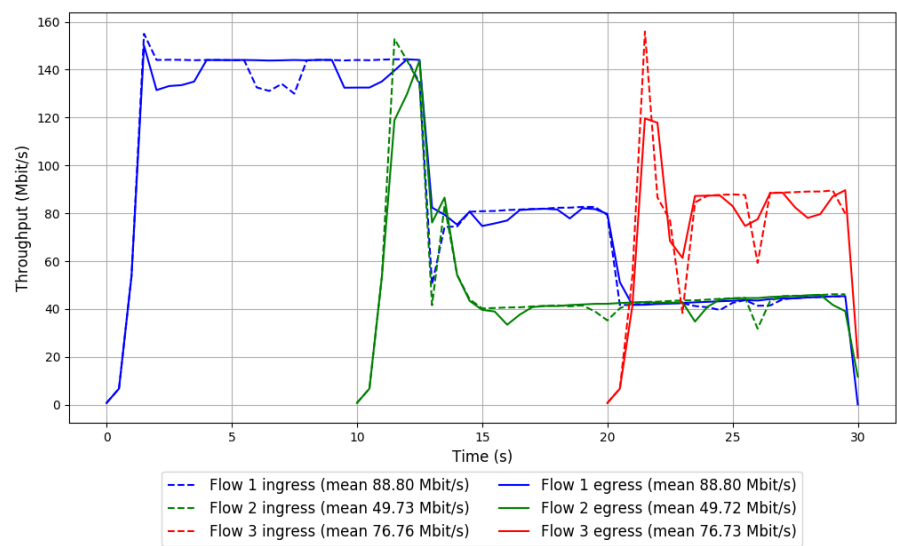


Run 9: Statistics of TCP Vegas

Start at: 2017-11-16 13:36:59
End at: 2017-11-16 13:37:29
Local clock offset: -0.26 ms
Remote clock offset: -3.097 ms

Below is generated by plot.py at 2017-11-16 15:35:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 147.26 Mbit/s
95th percentile per-packet one-way delay: 95.423 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 88.80 Mbit/s
95th percentile per-packet one-way delay: 94.031 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 49.72 Mbit/s
95th percentile per-packet one-way delay: 97.071 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 76.73 Mbit/s
95th percentile per-packet one-way delay: 97.277 ms
Loss rate: 0.04%

Run 9: Report of TCP Vegas — Data Link

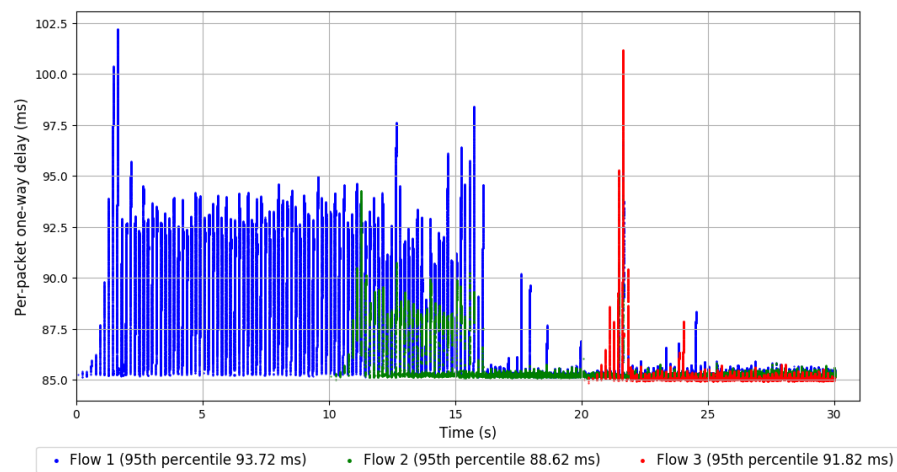
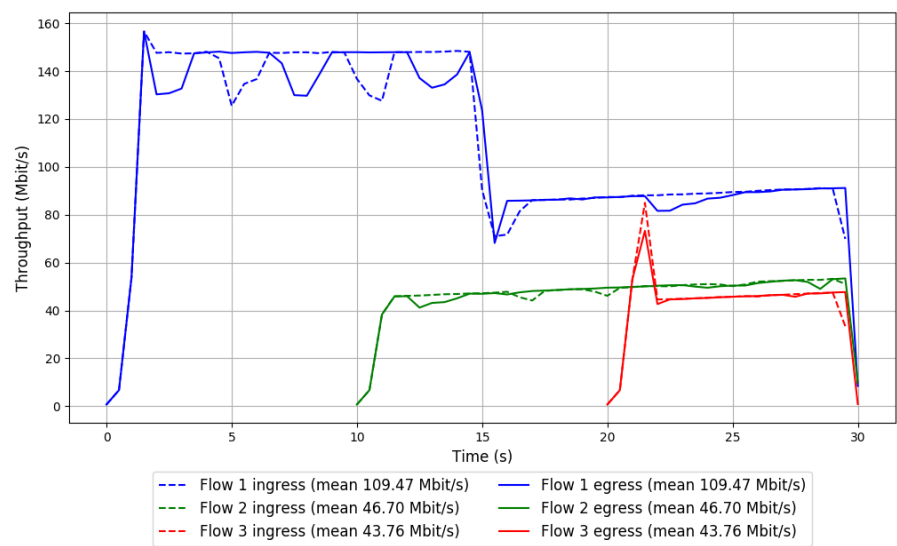


Run 10: Statistics of TCP Vegas

Start at: 2017-11-16 13:56:55
End at: 2017-11-16 13:57:25
Local clock offset: -0.337 ms
Remote clock offset: -4.395 ms

Below is generated by plot.py at 2017-11-16 15:35:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 155.06 Mbit/s
95th percentile per-packet one-way delay: 93.523 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 109.47 Mbit/s
95th percentile per-packet one-way delay: 93.717 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 46.70 Mbit/s
95th percentile per-packet one-way delay: 88.625 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 43.76 Mbit/s
95th percentile per-packet one-way delay: 91.821 ms
Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link

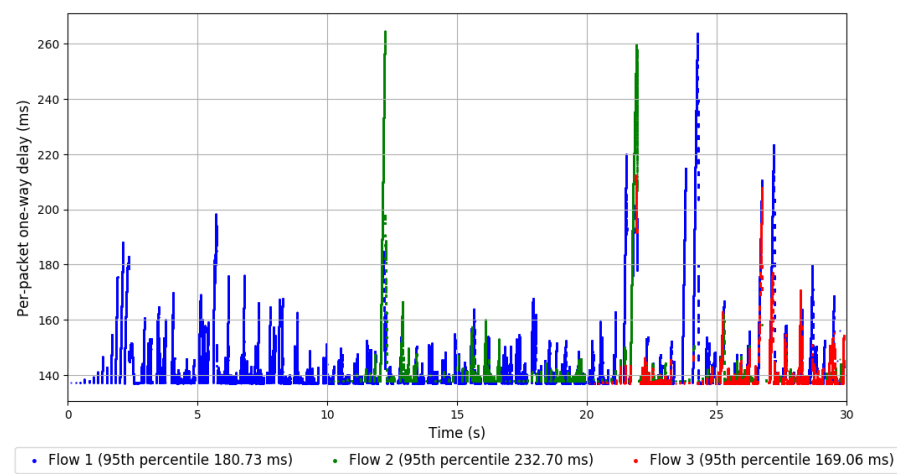
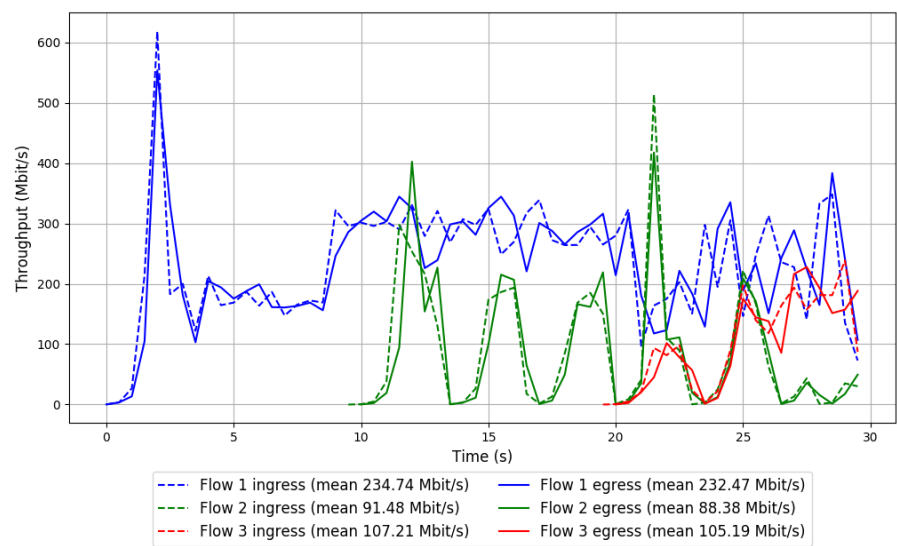


Run 1: Statistics of Verus

Start at: 2017-11-16 10:42:27
End at: 2017-11-16 10:42:57
Local clock offset: 0.058 ms
Remote clock offset: 49.378 ms

Below is generated by plot.py at 2017-11-16 15:35:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 325.57 Mbit/s
95th percentile per-packet one-way delay: 191.089 ms
Loss rate: 1.49%
-- Flow 1:
Average throughput: 232.47 Mbit/s
95th percentile per-packet one-way delay: 180.733 ms
Loss rate: 0.95%
-- Flow 2:
Average throughput: 88.38 Mbit/s
95th percentile per-packet one-way delay: 232.701 ms
Loss rate: 3.36%
-- Flow 3:
Average throughput: 105.19 Mbit/s
95th percentile per-packet one-way delay: 169.059 ms
Loss rate: 1.85%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2017-11-16 11:02:23

End at: 2017-11-16 11:02:53

Local clock offset: 0.09 ms

Remote clock offset: 1.045 ms

Below is generated by plot.py at 2017-11-16 15:35:53

Datalink statistics

-- Total of 3 flows:

Average throughput: 367.84 Mbit/s

95th percentile per-packet one-way delay: 134.408 ms

Loss rate: 5.26%

-- Flow 1:

Average throughput: 259.50 Mbit/s

95th percentile per-packet one-way delay: 137.865 ms

Loss rate: 4.29%

-- Flow 2:

Average throughput: 143.21 Mbit/s

95th percentile per-packet one-way delay: 122.393 ms

Loss rate: 8.44%

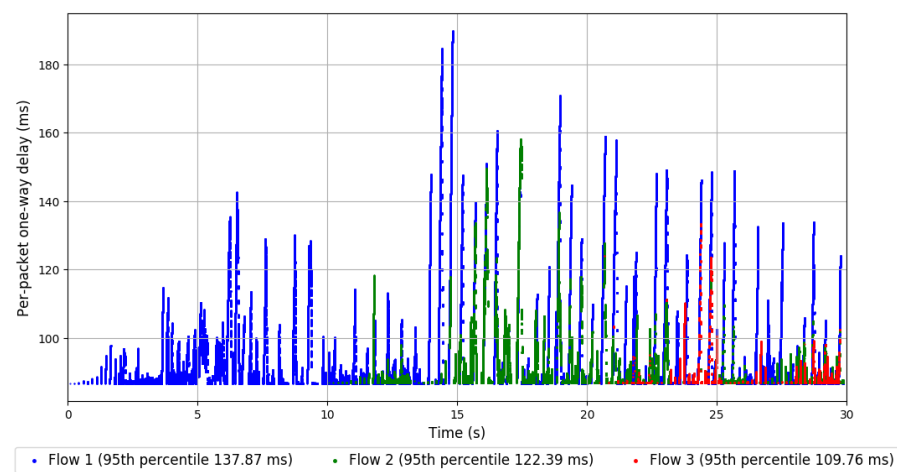
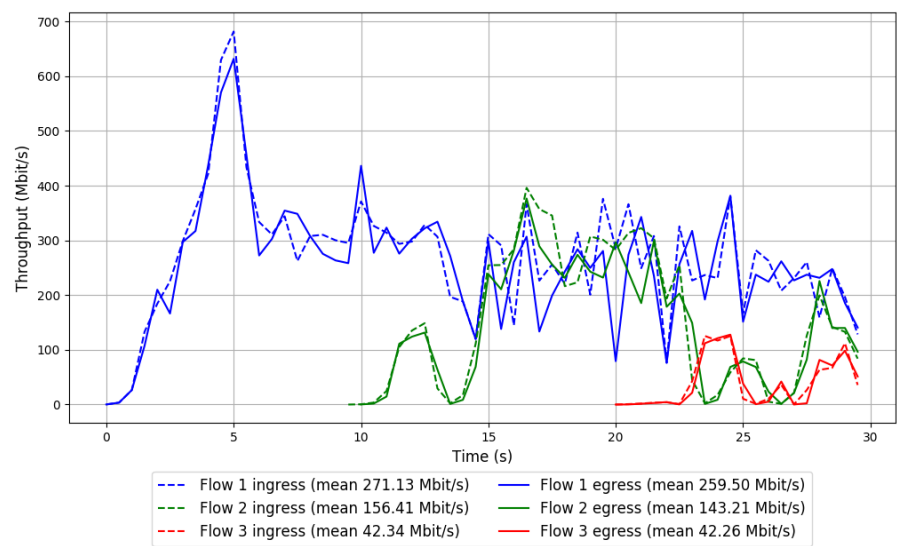
-- Flow 3:

Average throughput: 42.26 Mbit/s

95th percentile per-packet one-way delay: 109.763 ms

Loss rate: 0.19%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

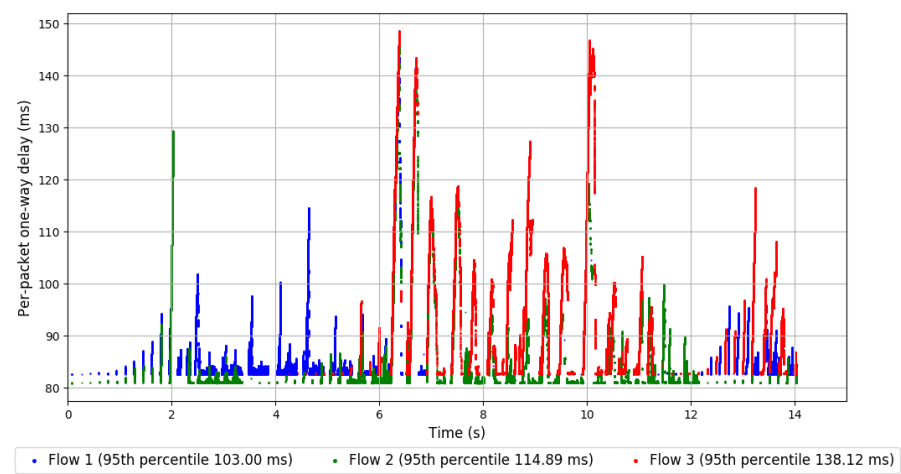
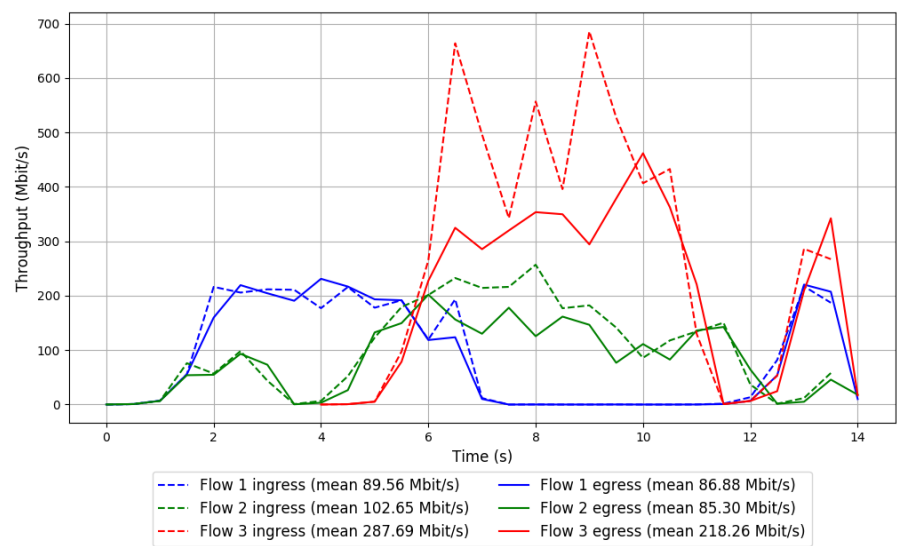
Start at: 2017-11-16 11:22:28

End at: 2017-11-16 11:22:58

Local clock offset: 0.099 ms

Remote clock offset: -4.433 ms

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

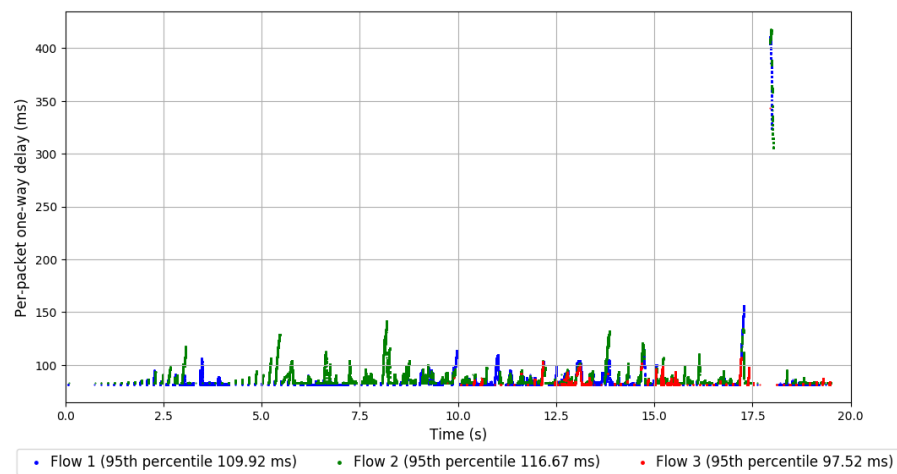
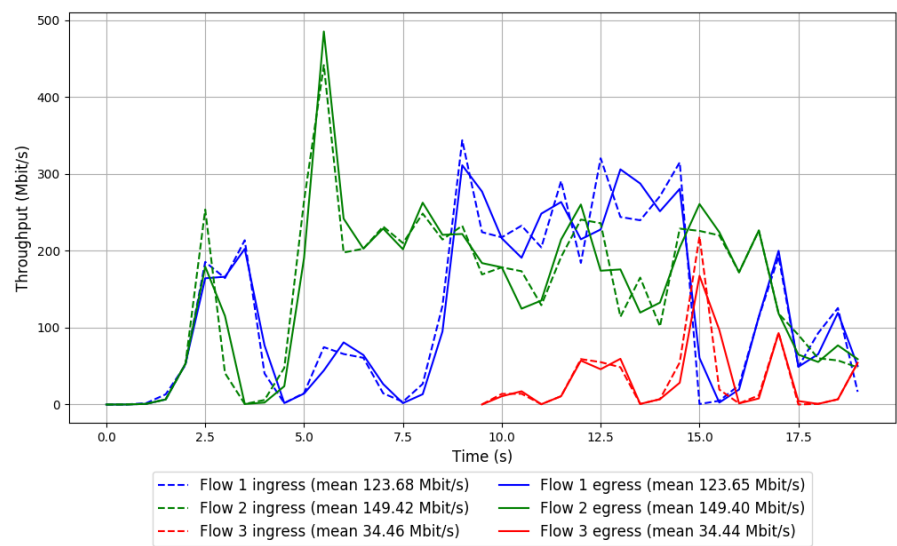
Start at: 2017-11-16 11:42:24

End at: 2017-11-16 11:42:54

Local clock offset: 0.106 ms

Remote clock offset: -4.564 ms

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

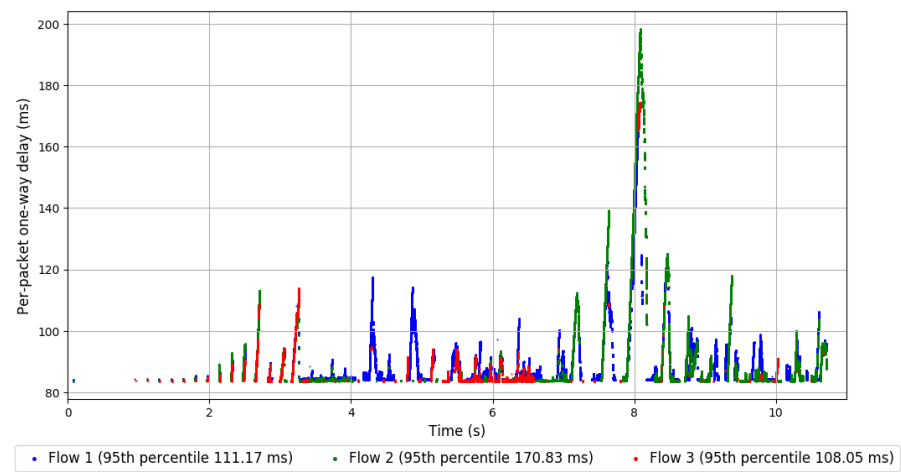
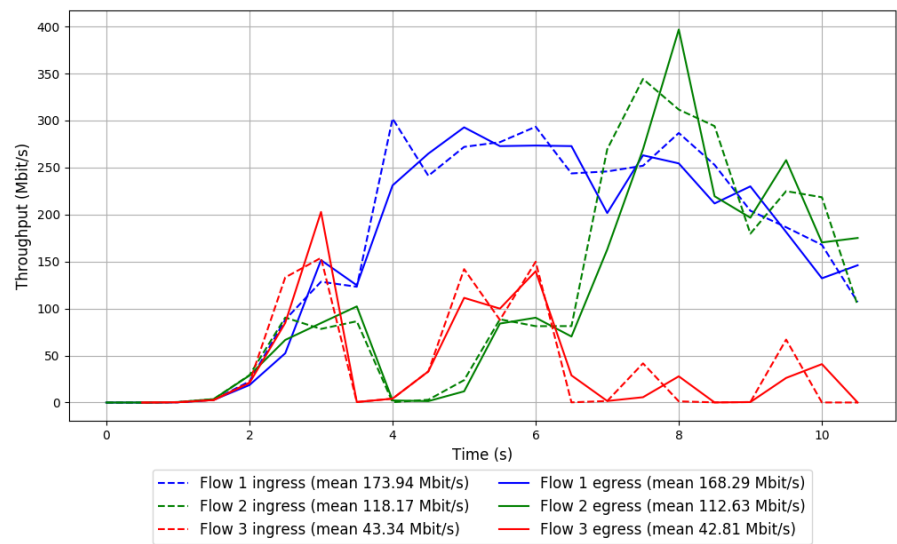
Start at: 2017-11-16 12:02:17

End at: 2017-11-16 12:02:47

Local clock offset: 0.119 ms

Remote clock offset: -4.892 ms

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

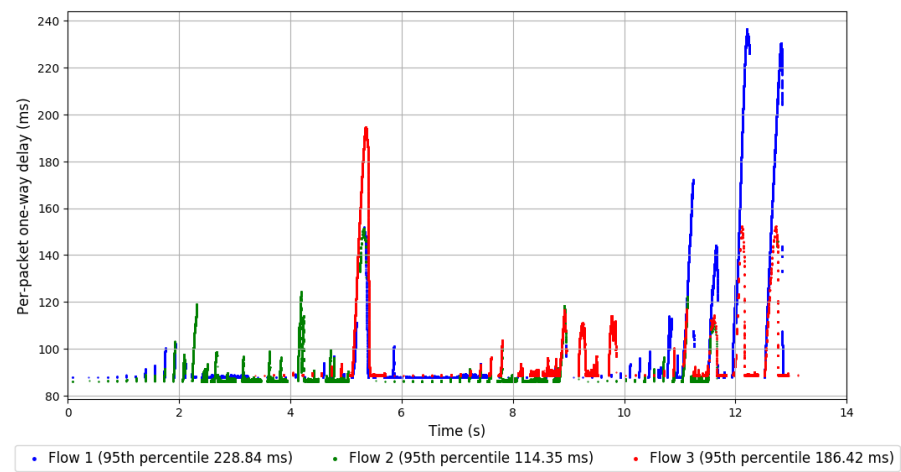
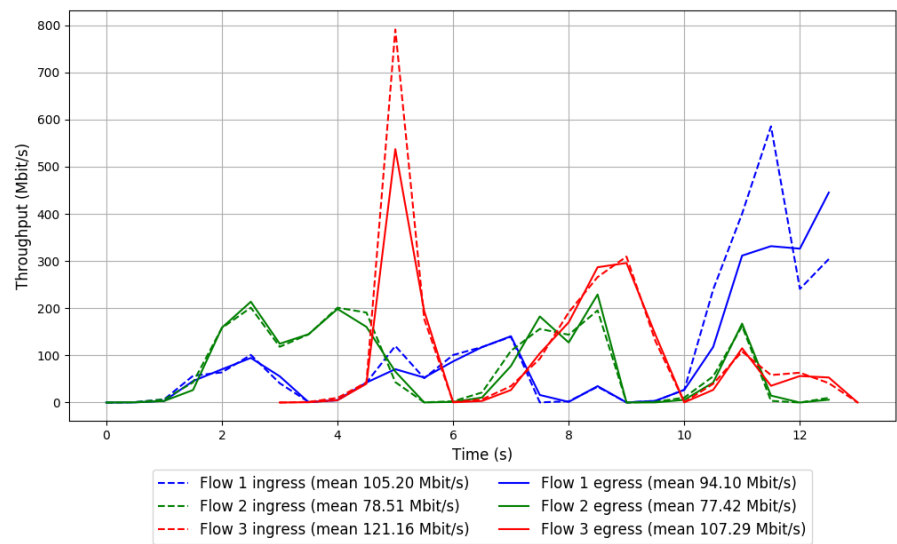
Start at: 2017-11-16 12:22:03

End at: 2017-11-16 12:22:33

Local clock offset: 0.046 ms

Remote clock offset: -1.475 ms

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

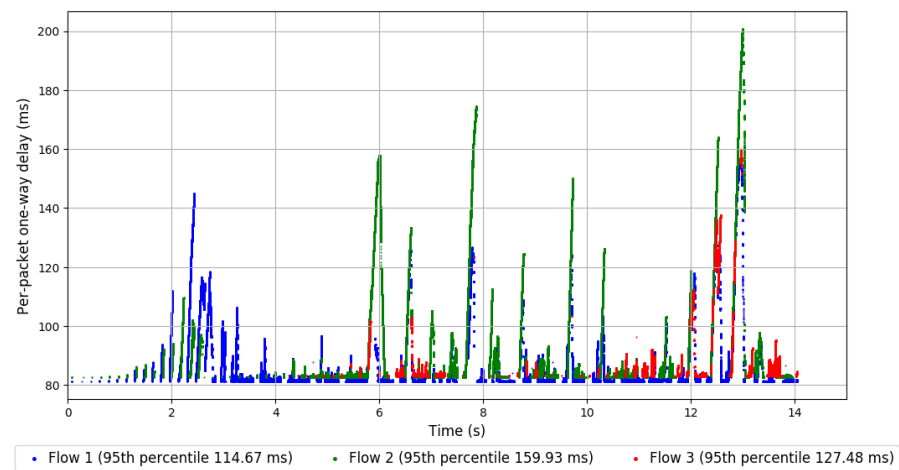
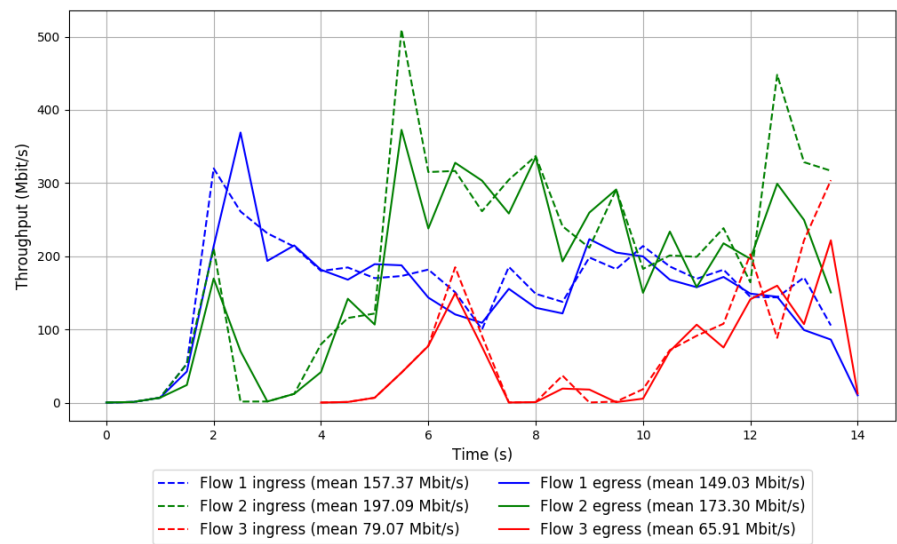
Start at: 2017-11-16 12:41:46

End at: 2017-11-16 12:42:16

Local clock offset: 0.01 ms

Remote clock offset: -7.266 ms

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

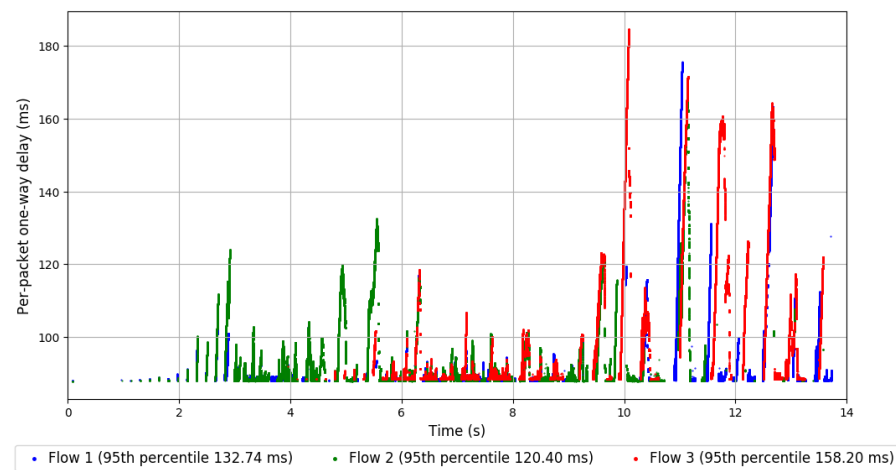
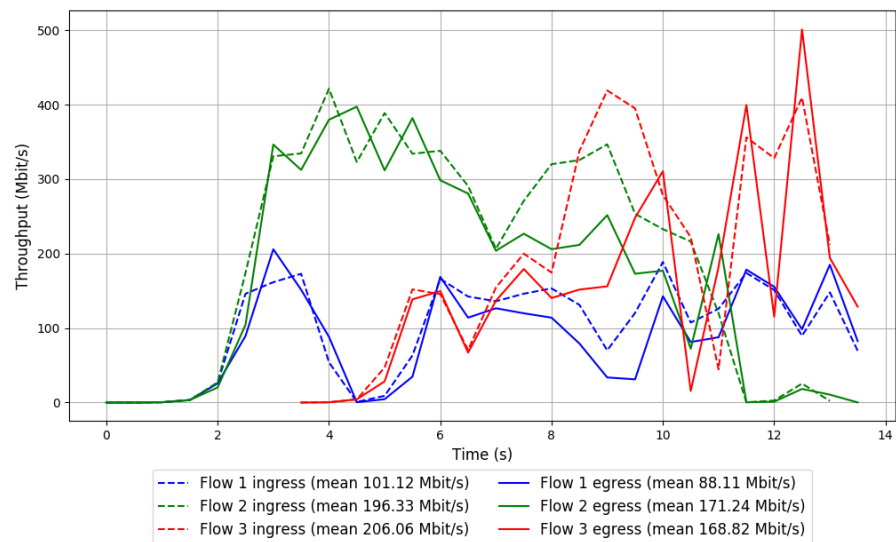
Start at: 2017-11-16 13:01:33

End at: 2017-11-16 13:02:03

Local clock offset: -0.126 ms

Remote clock offset: -2.615 ms

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

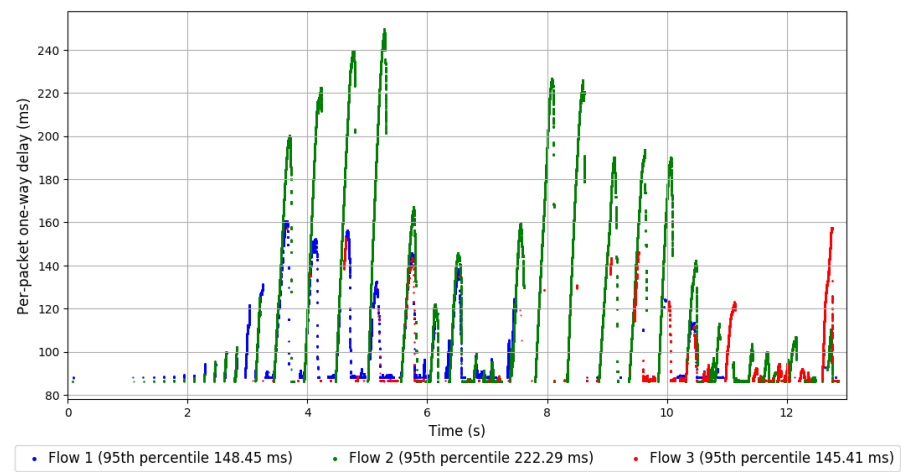
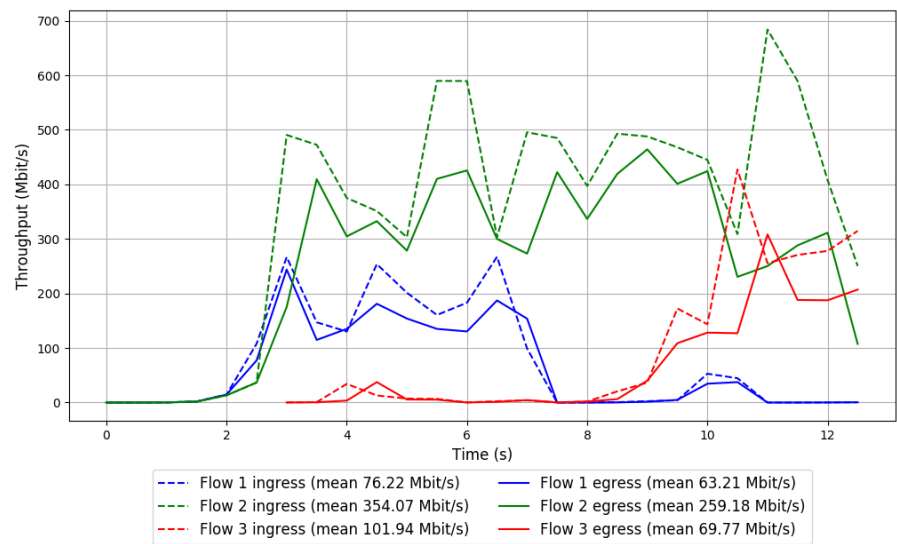
Start at: 2017-11-16 13:21:22

End at: 2017-11-16 13:21:52

Local clock offset: -0.247 ms

Remote clock offset: -2.894 ms

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

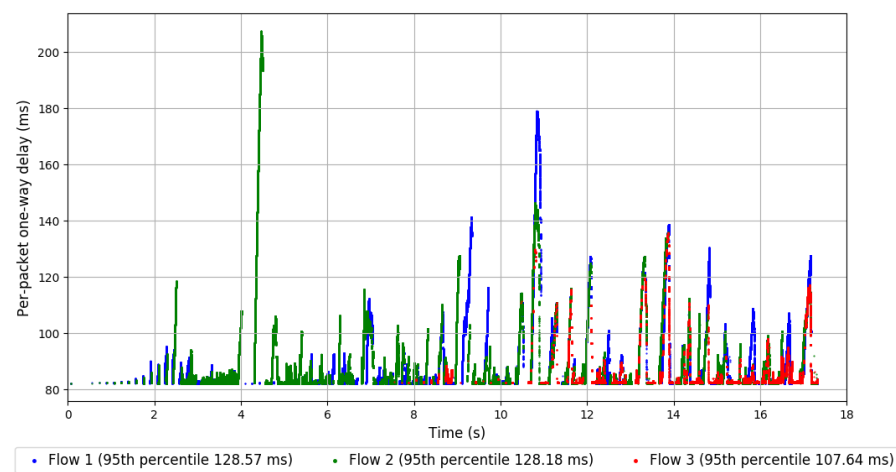
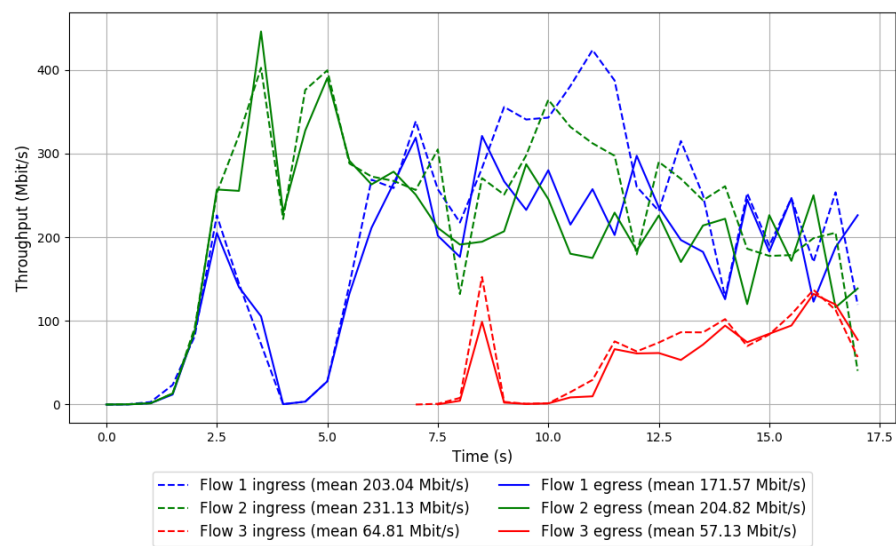
Start at: 2017-11-16 13:41:13

End at: 2017-11-16 13:41:43

Local clock offset: -0.251 ms

Remote clock offset: -7.046 ms

Run 10: Report of Verus — Data Link

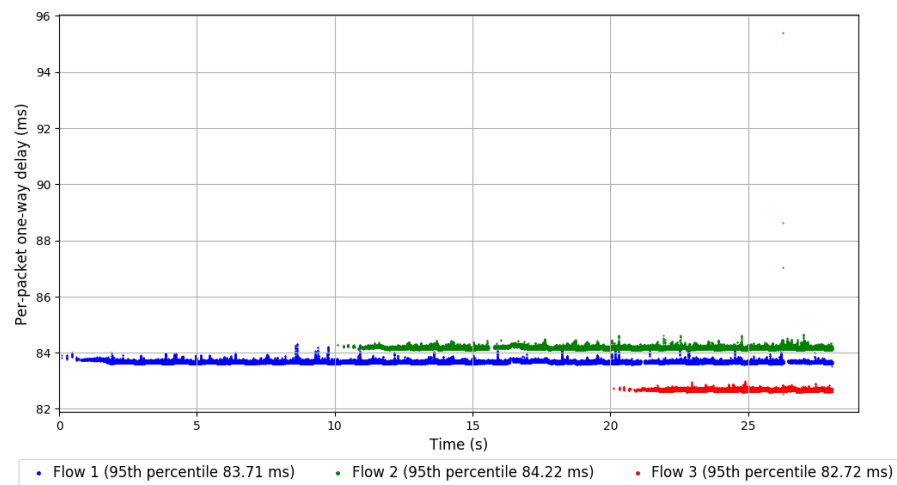
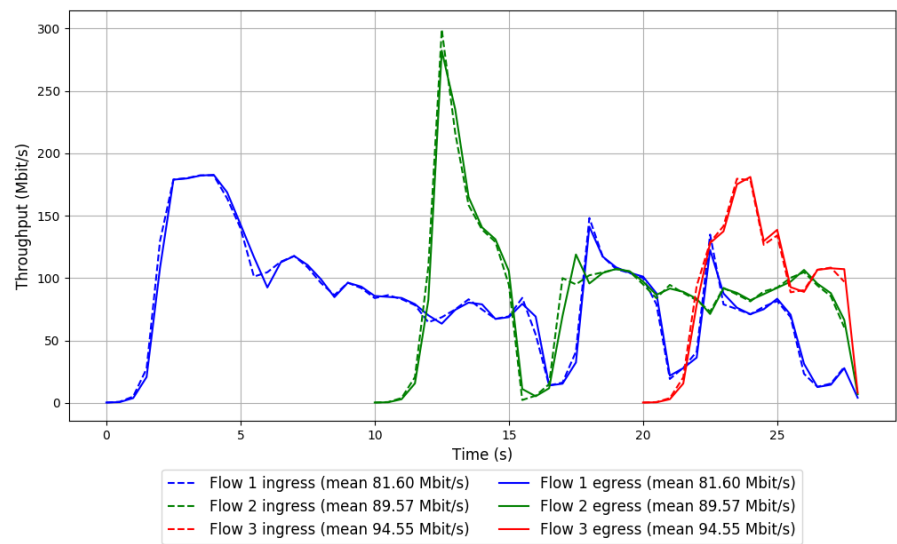


Run 1: Statistics of Copa

Start at: 2017-11-16 10:40:56
End at: 2017-11-16 10:41:26
Local clock offset: 0.063 ms
Remote clock offset: -4.114 ms

Below is generated by plot.py at 2017-11-16 15:37:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 165.85 Mbit/s
95th percentile per-packet one-way delay: 84.200 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 81.60 Mbit/s
95th percentile per-packet one-way delay: 83.712 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 89.57 Mbit/s
95th percentile per-packet one-way delay: 84.218 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 94.55 Mbit/s
95th percentile per-packet one-way delay: 82.723 ms
Loss rate: 0.00%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

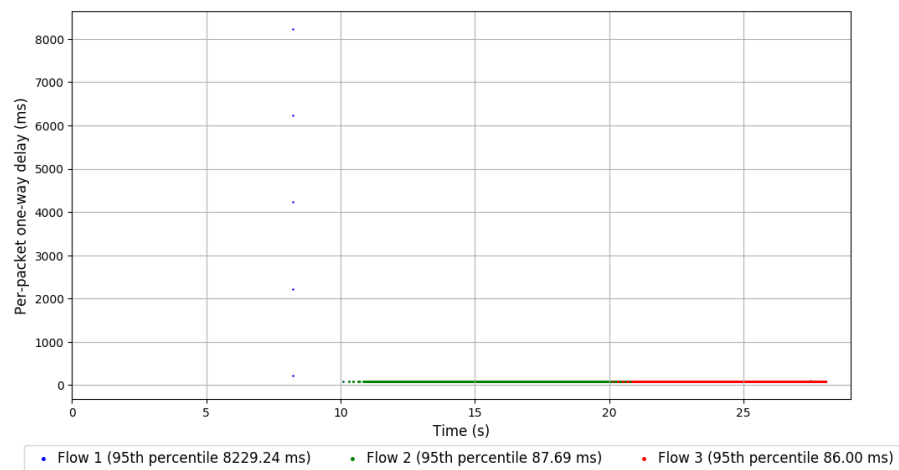
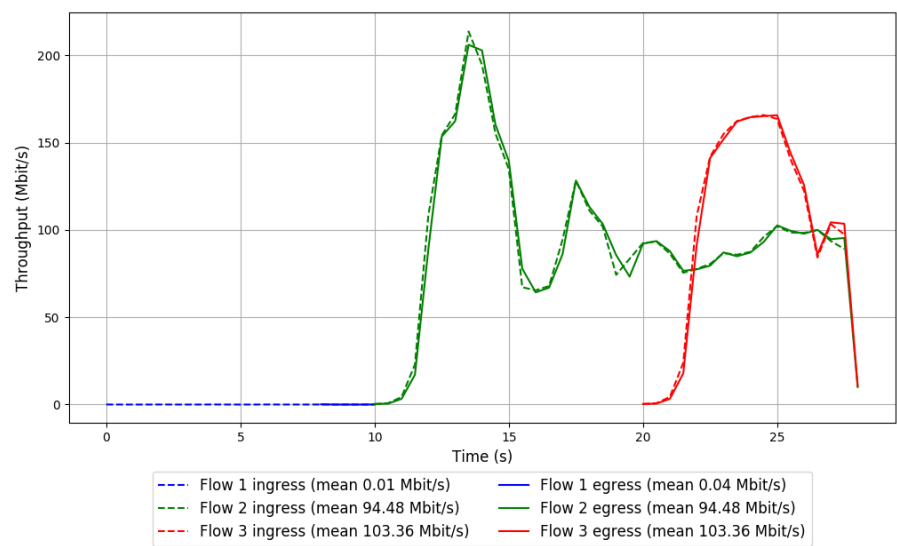
Start at: 2017-11-16 11:01:01

End at: 2017-11-16 11:01:31

Local clock offset: 0.095 ms

Remote clock offset: 0.531 ms

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

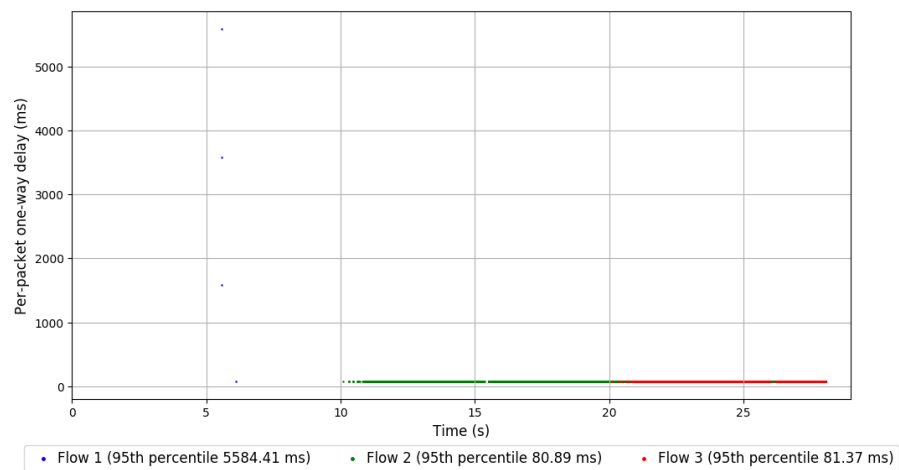
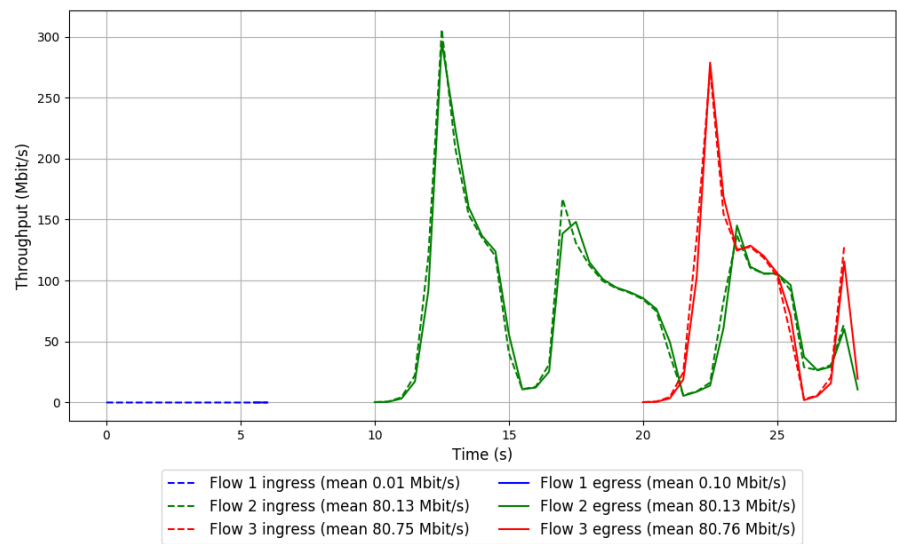
Start at: 2017-11-16 11:21:08

End at: 2017-11-16 11:21:38

Local clock offset: 0.099 ms

Remote clock offset: -4.512 ms

Run 3: Report of Copa — Data Link

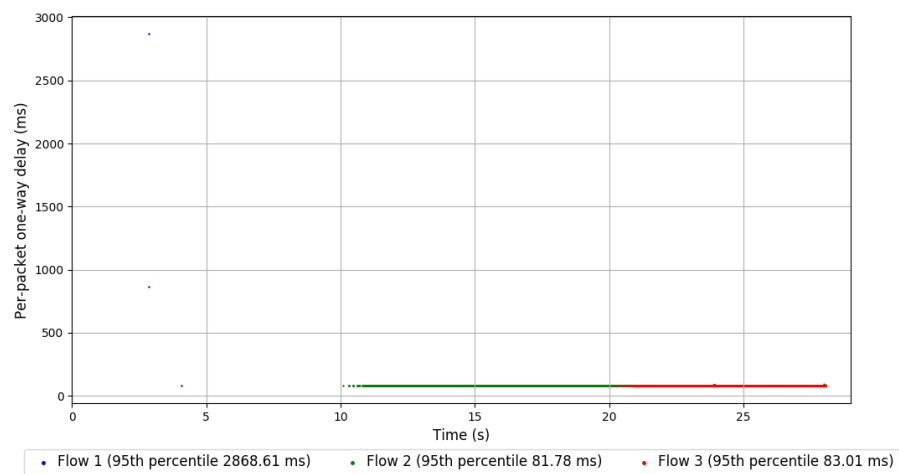
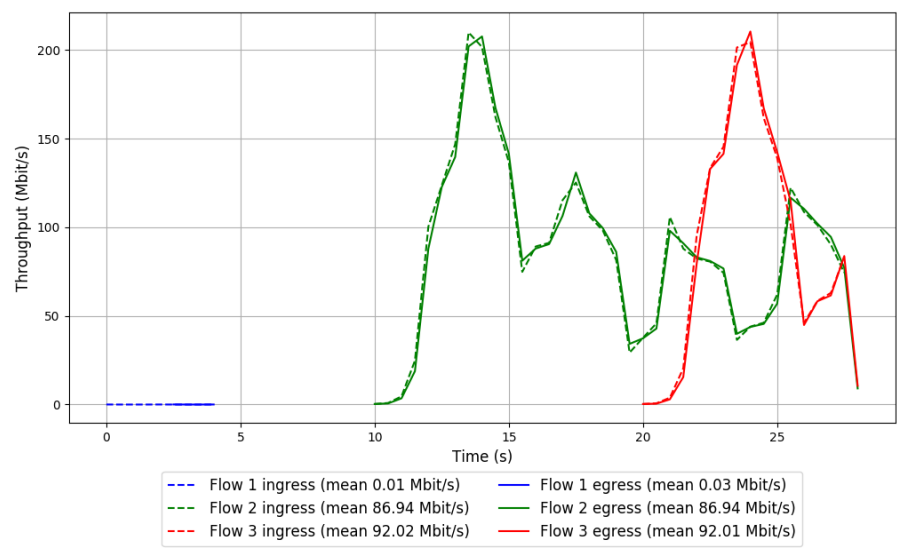


Run 4: Statistics of Copa

Start at: 2017-11-16 11:41:02
End at: 2017-11-16 11:41:32
Local clock offset: 0.122 ms
Remote clock offset: -4.904 ms

Below is generated by plot.py at 2017-11-16 15:37:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.95 Mbit/s
95th percentile per-packet one-way delay: 82.989 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.03 Mbit/s
95th percentile per-packet one-way delay: 2868.610 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 86.94 Mbit/s
95th percentile per-packet one-way delay: 81.775 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 92.01 Mbit/s
95th percentile per-packet one-way delay: 83.014 ms
Loss rate: 0.01%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

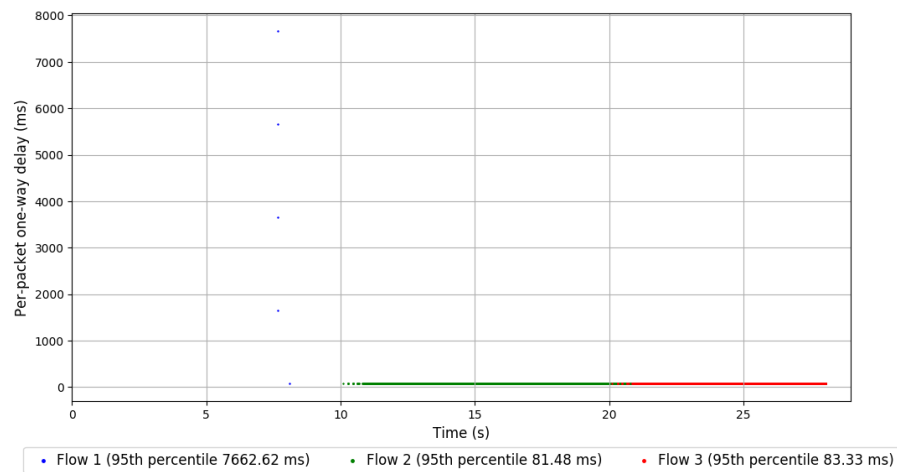
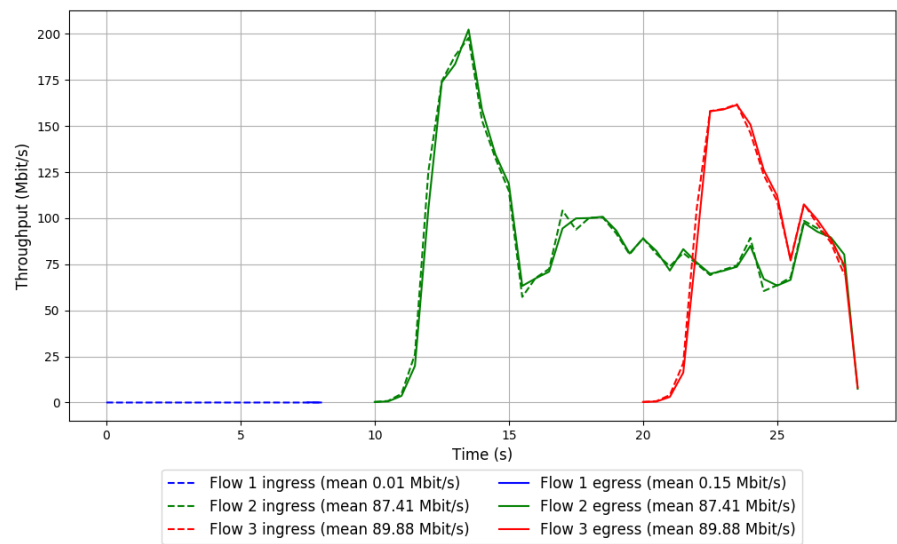
Start at: 2017-11-16 12:00:56

End at: 2017-11-16 12:01:26

Local clock offset: 0.094 ms

Remote clock offset: -5.375 ms

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

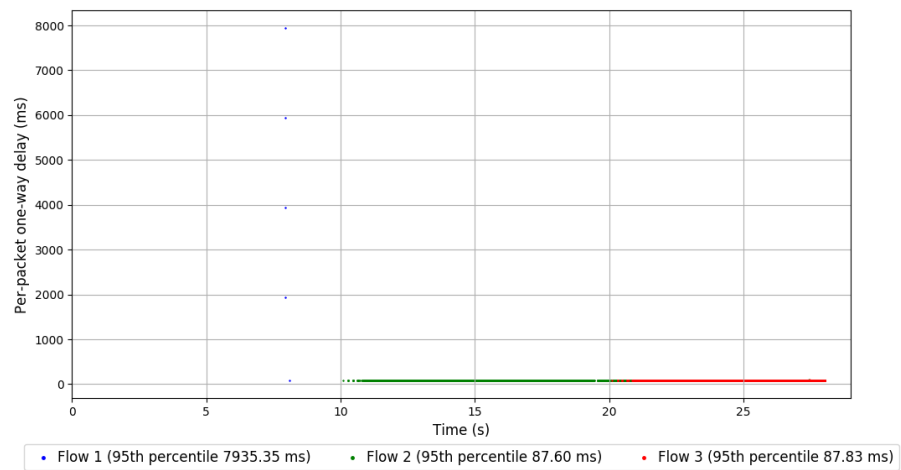
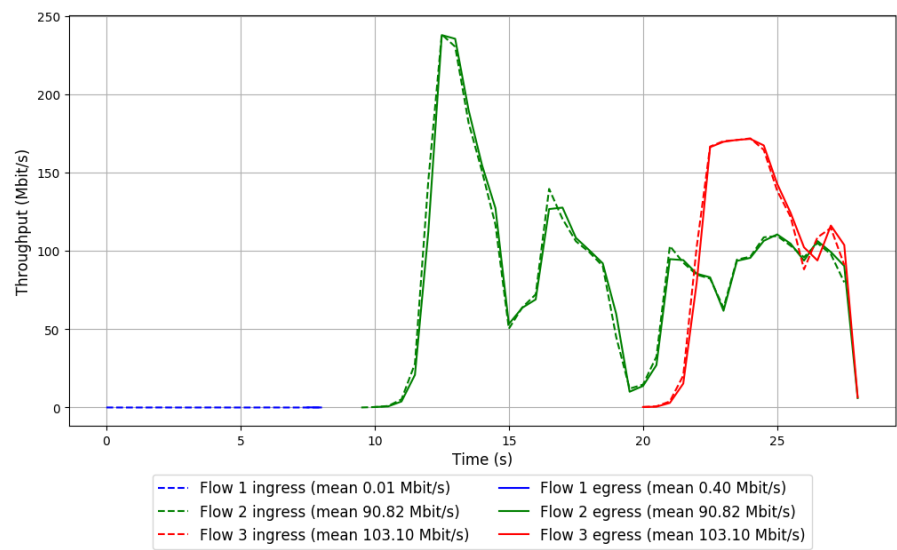
Start at: 2017-11-16 12:20:41

End at: 2017-11-16 12:21:11

Local clock offset: 0.062 ms

Remote clock offset: -1.764 ms

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

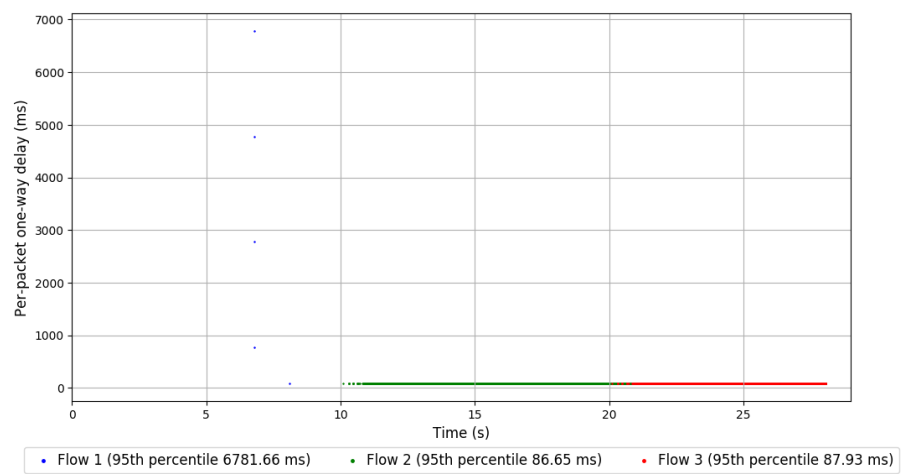
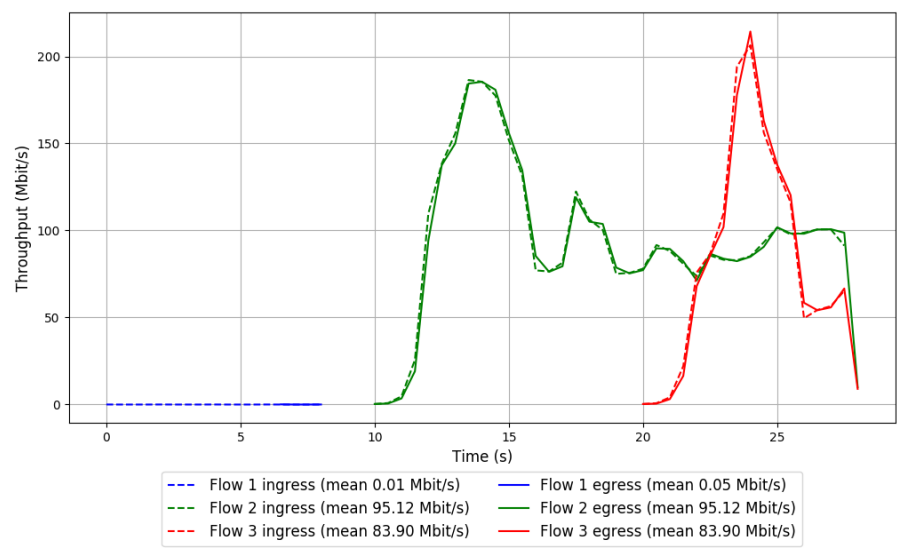
Start at: 2017-11-16 12:40:24

End at: 2017-11-16 12:40:54

Local clock offset: -0.004 ms

Remote clock offset: -2.068 ms

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

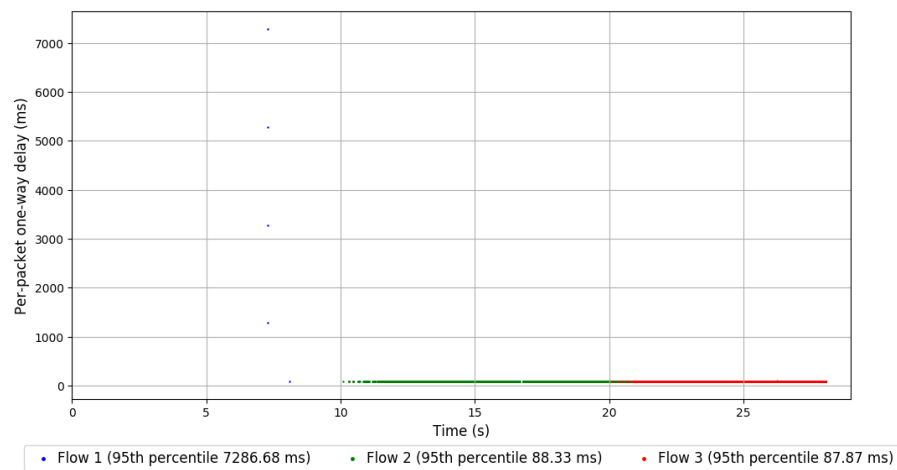
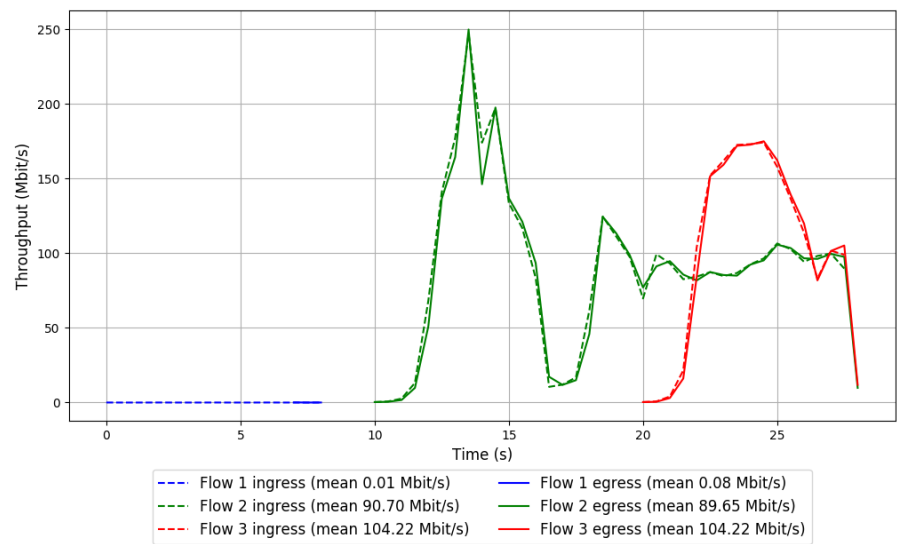
Start at: 2017-11-16 13:00:11

End at: 2017-11-16 13:00:41

Local clock offset: -0.113 ms

Remote clock offset: -2.976 ms

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

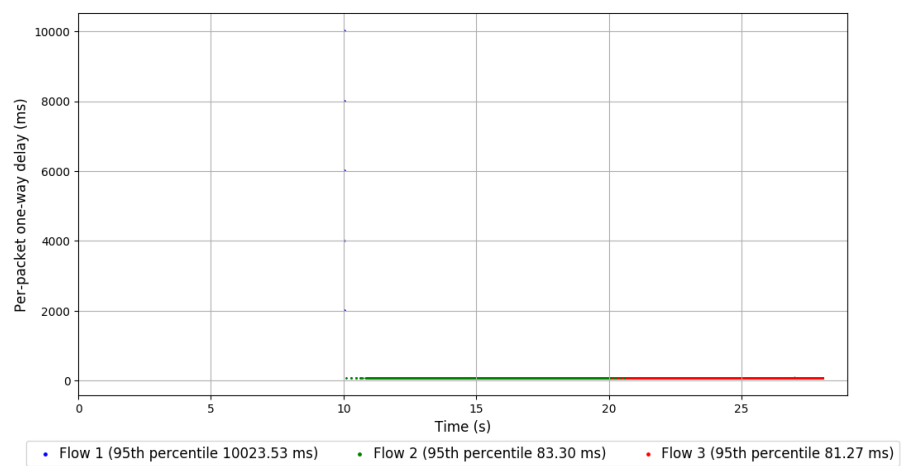
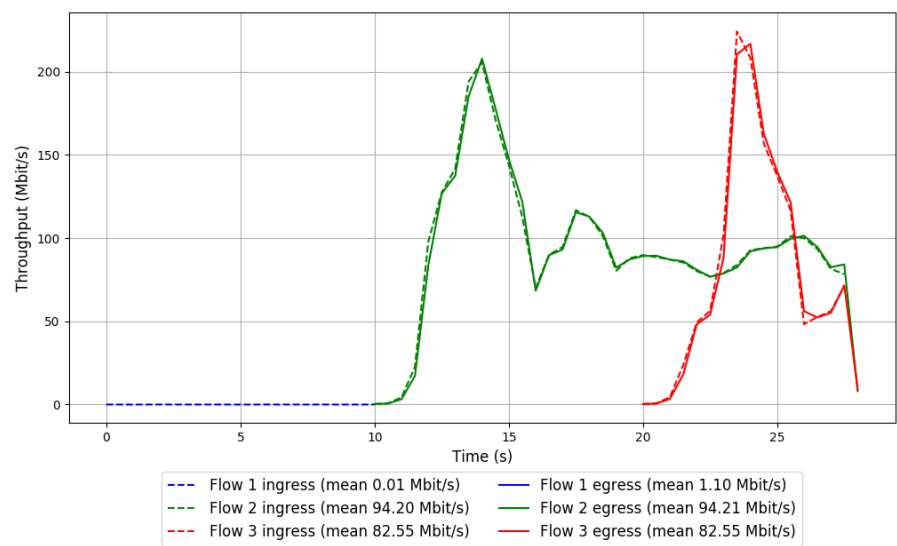
Start at: 2017-11-16 13:20:01

End at: 2017-11-16 13:20:31

Local clock offset: -0.22 ms

Remote clock offset: -7.824 ms

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

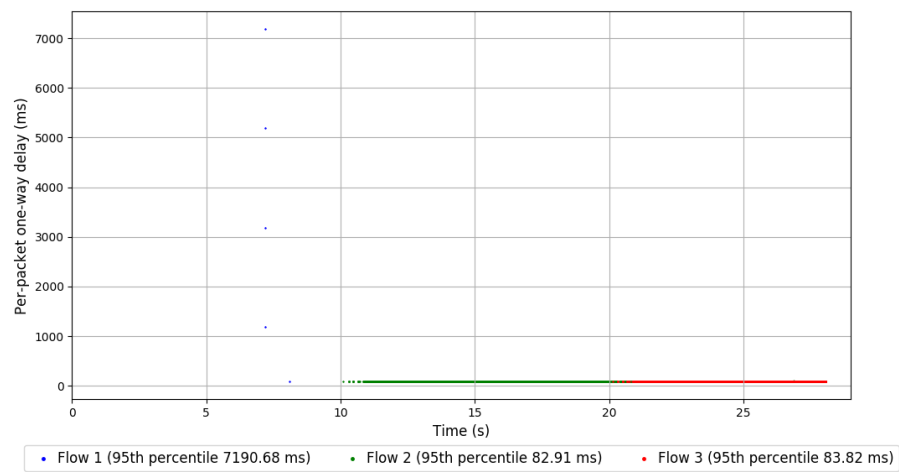
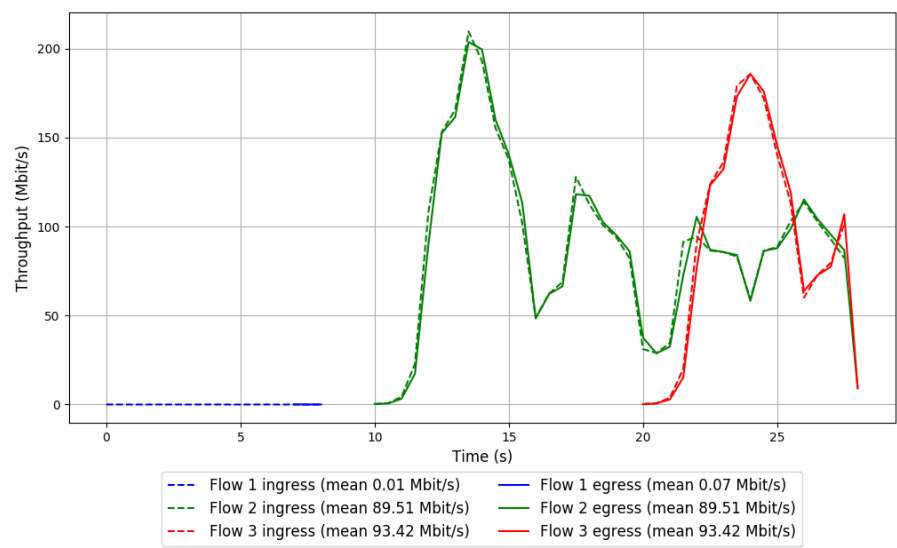
Start at: 2017-11-16 13:39:51

End at: 2017-11-16 13:40:21

Local clock offset: -0.36 ms

Remote clock offset: -7.367 ms

Run 10: Report of Copa — Data Link

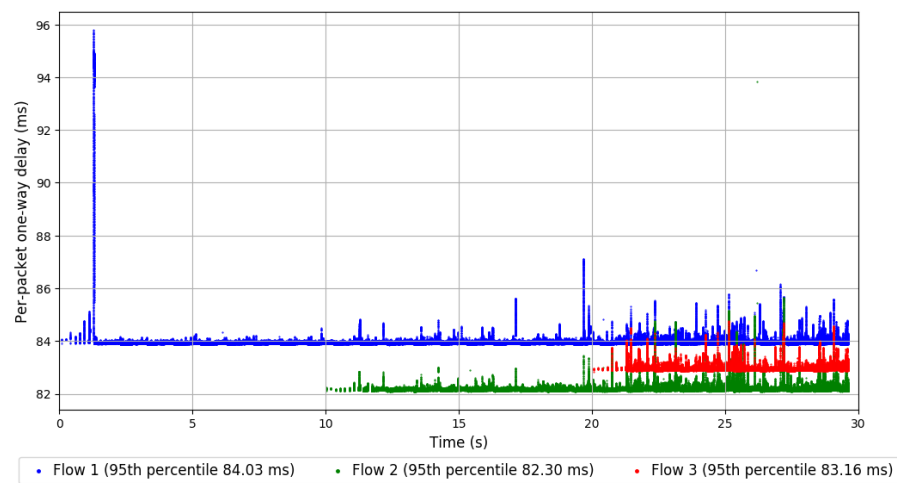
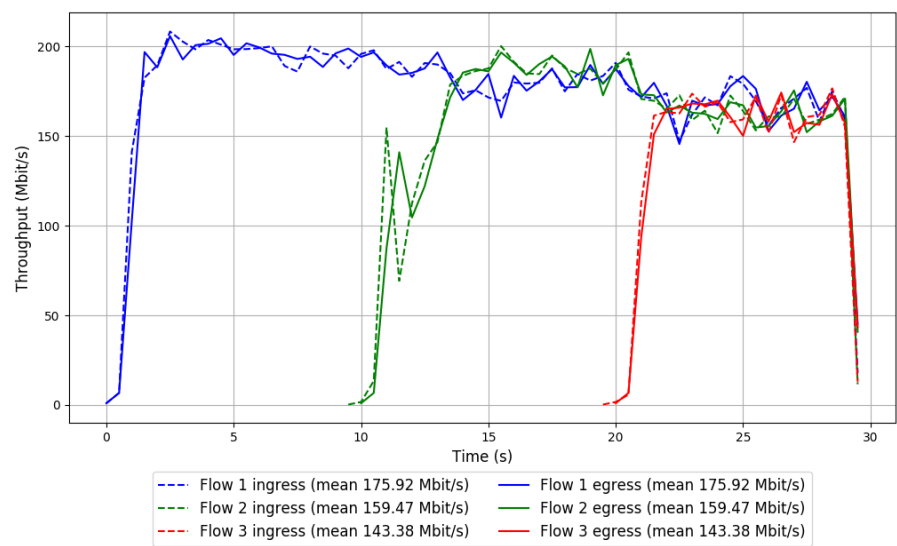


```
Run 1: Statistics of Indigo

Start at: 2017-11-16 10:45:40
End at: 2017-11-16 10:46:10
Local clock offset: 0.063 ms
Remote clock offset: -3.746 ms

# Below is generated by plot.py at 2017-11-16 15:41:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 328.15 Mbit/s
95th percentile per-packet one-way delay: 83.994 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 175.92 Mbit/s
95th percentile per-packet one-way delay: 84.030 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 159.47 Mbit/s
95th percentile per-packet one-way delay: 82.296 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 143.38 Mbit/s
95th percentile per-packet one-way delay: 83.156 ms
Loss rate: 0.00%
```


Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2017-11-16 11:05:40

End at: 2017-11-16 11:06:10

Local clock offset: 0.092 ms

Remote clock offset: 1.491 ms

Below is generated by plot.py at 2017-11-16 15:41:57

Datalink statistics

-- Total of 3 flows:

Average throughput: 332.83 Mbit/s

95th percentile per-packet one-way delay: 89.644 ms

Loss rate: 1.20%

-- Flow 1:

Average throughput: 175.33 Mbit/s

95th percentile per-packet one-way delay: 88.940 ms

Loss rate: 0.70%

-- Flow 2:

Average throughput: 164.62 Mbit/s

95th percentile per-packet one-way delay: 89.795 ms

Loss rate: 1.21%

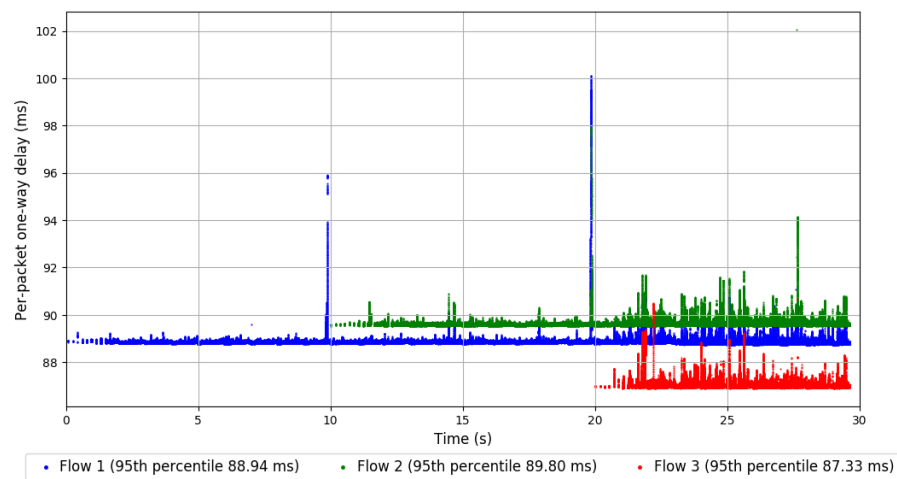
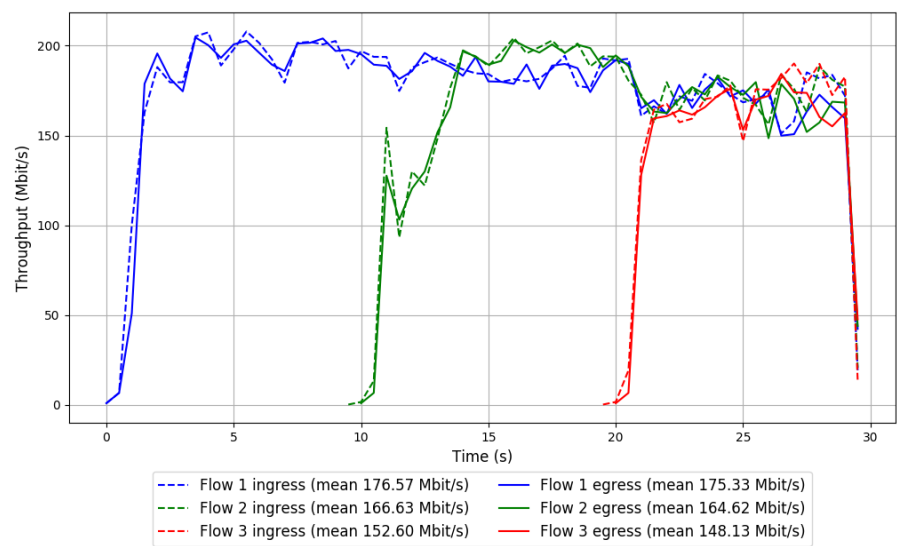
-- Flow 3:

Average throughput: 148.13 Mbit/s

95th percentile per-packet one-way delay: 87.330 ms

Loss rate: 2.92%

Run 2: Report of Indigo — Data Link

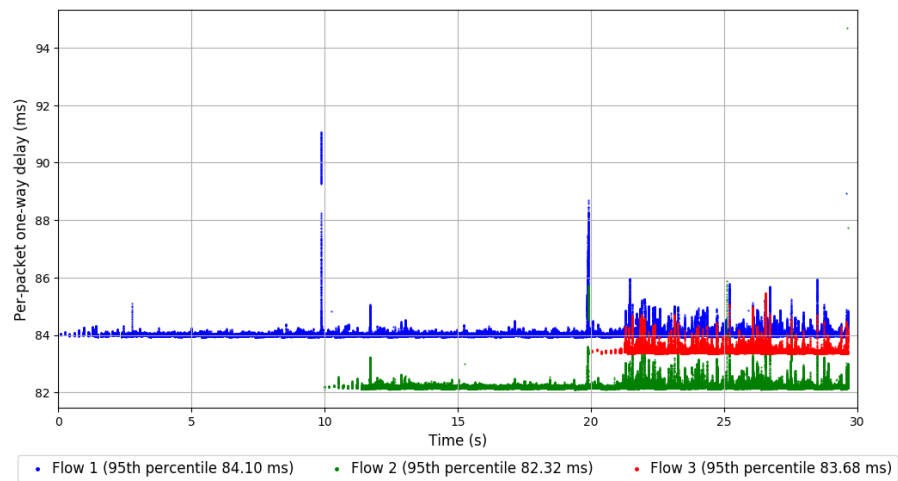
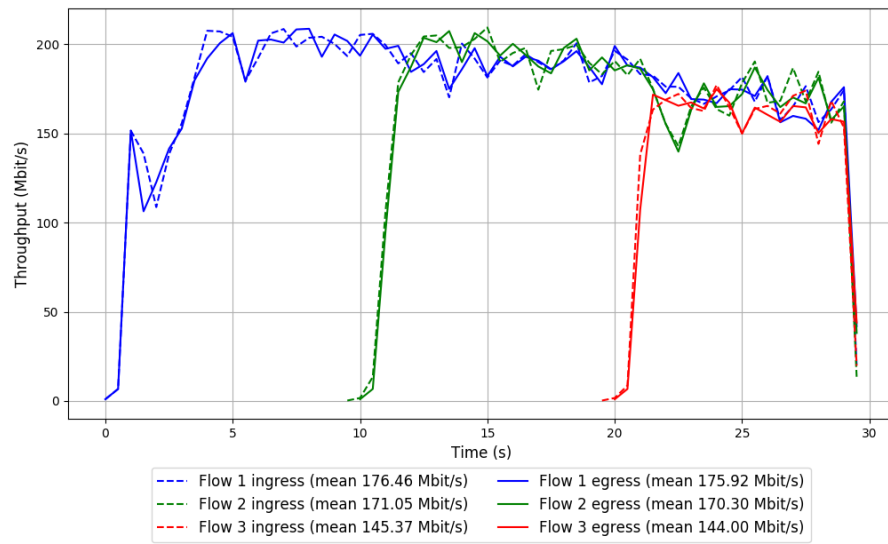


Run 3: Statistics of Indigo

Start at: 2017-11-16 11:25:30
End at: 2017-11-16 11:26:01
Local clock offset: 0.111 ms
Remote clock offset: -3.437 ms

Below is generated by plot.py at 2017-11-16 15:42:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 335.82 Mbit/s
95th percentile per-packet one-way delay: 84.055 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 175.92 Mbit/s
95th percentile per-packet one-way delay: 84.103 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 170.30 Mbit/s
95th percentile per-packet one-way delay: 82.324 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 144.00 Mbit/s
95th percentile per-packet one-way delay: 83.679 ms
Loss rate: 0.99%

Run 3: Report of Indigo — Data Link

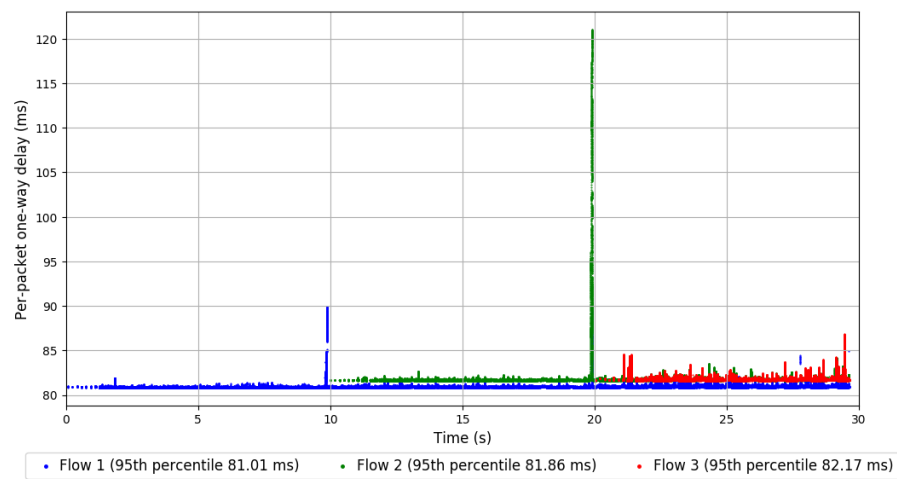
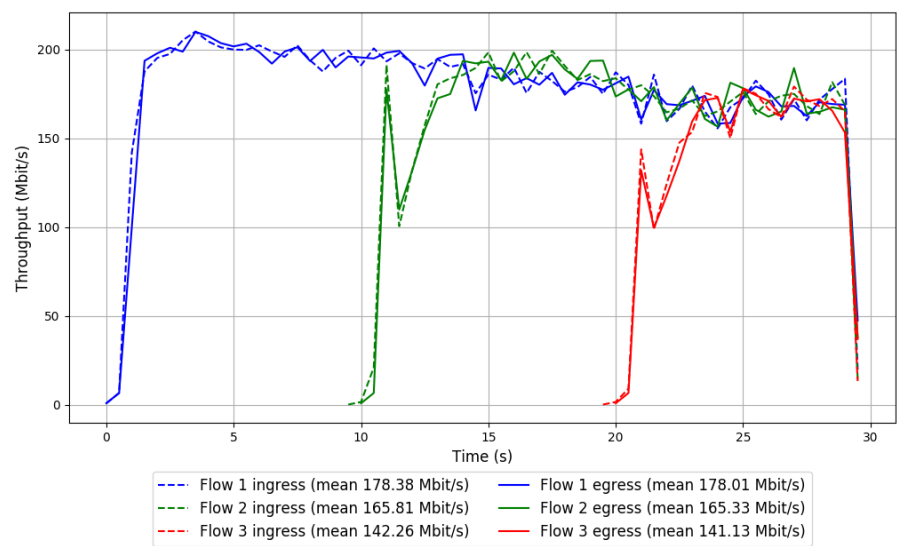


Run 4: Statistics of Indigo

Start at: 2017-11-16 11:45:29
End at: 2017-11-16 11:45:59
Local clock offset: 0.108 ms
Remote clock offset: -5.077 ms

Below is generated by plot.py at 2017-11-16 15:42:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 333.65 Mbit/s
95th percentile per-packet one-way delay: 81.804 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 178.01 Mbit/s
95th percentile per-packet one-way delay: 81.006 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 165.33 Mbit/s
95th percentile per-packet one-way delay: 81.861 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 141.13 Mbit/s
95th percentile per-packet one-way delay: 82.175 ms
Loss rate: 0.79%

Run 4: Report of Indigo — Data Link

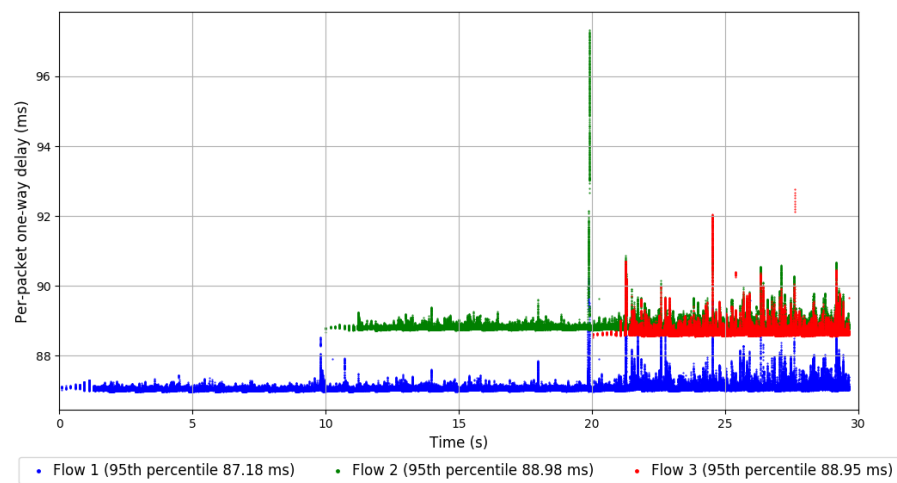
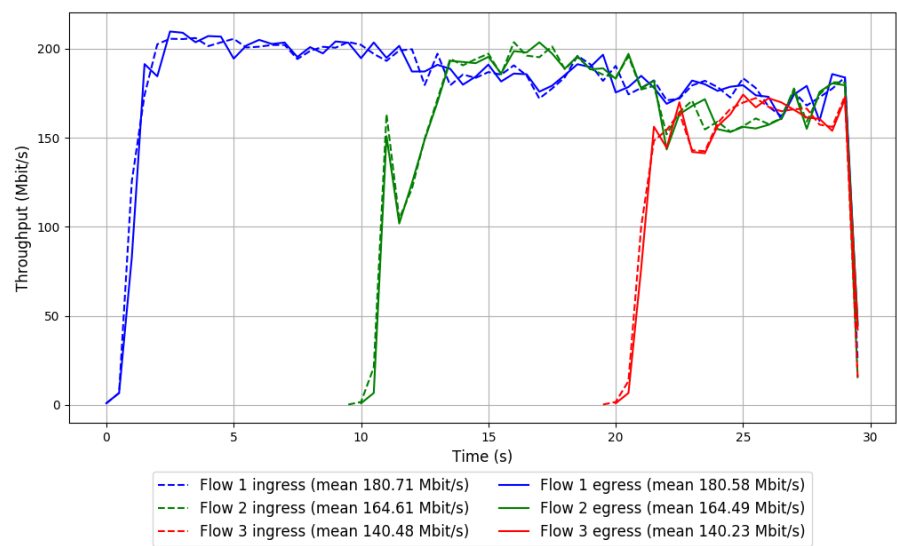


Run 5: Statistics of Indigo

Start at: 2017-11-16 12:05:16
End at: 2017-11-16 12:05:46
Local clock offset: 0.037 ms
Remote clock offset: -0.153 ms

Below is generated by plot.py at 2017-11-16 15:42:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 335.41 Mbit/s
95th percentile per-packet one-way delay: 88.863 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 180.58 Mbit/s
95th percentile per-packet one-way delay: 87.180 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 164.49 Mbit/s
95th percentile per-packet one-way delay: 88.979 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 140.23 Mbit/s
95th percentile per-packet one-way delay: 88.949 ms
Loss rate: 0.17%

Run 5: Report of Indigo — Data Link

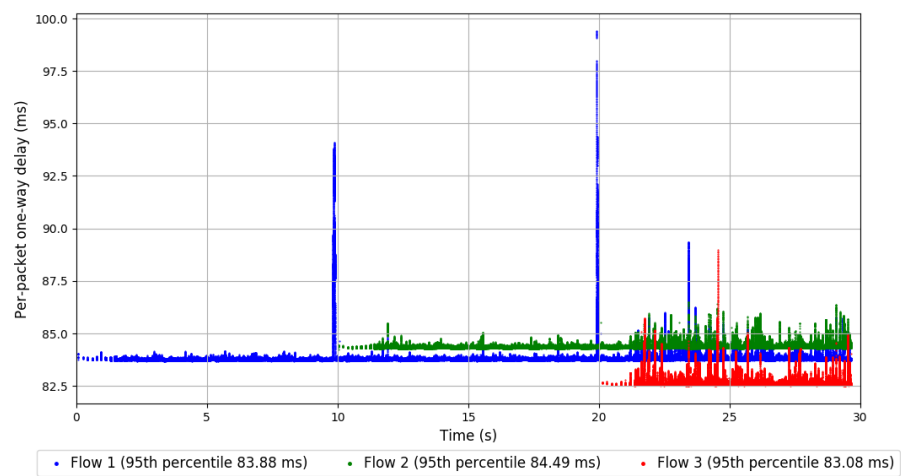
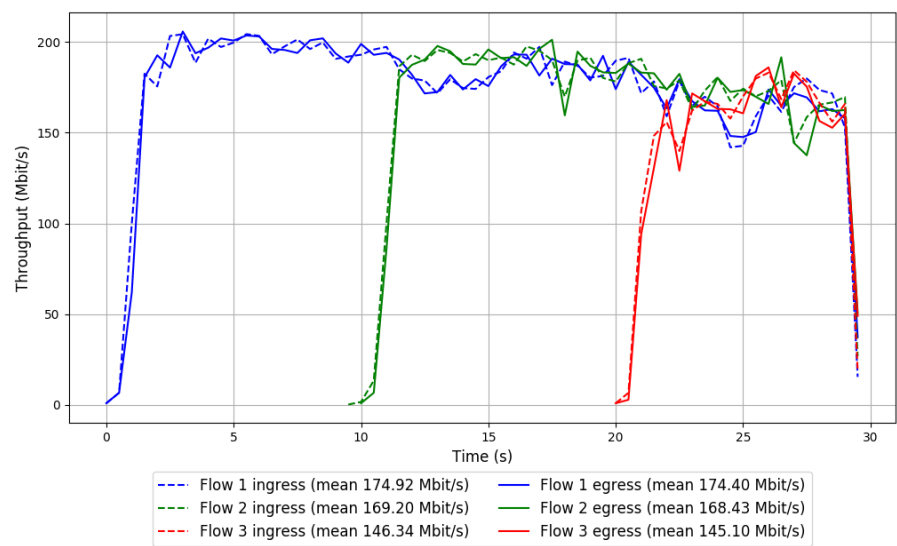


Run 6: Statistics of Indigo

Start at: 2017-11-16 12:25:02
End at: 2017-11-16 12:25:32
Local clock offset: -0.031 ms
Remote clock offset: -5.522 ms

Below is generated by plot.py at 2017-11-16 15:43:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 332.79 Mbit/s
95th percentile per-packet one-way delay: 84.390 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 174.40 Mbit/s
95th percentile per-packet one-way delay: 83.877 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 168.43 Mbit/s
95th percentile per-packet one-way delay: 84.492 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 145.10 Mbit/s
95th percentile per-packet one-way delay: 83.084 ms
Loss rate: 0.85%

Run 6: Report of Indigo — Data Link

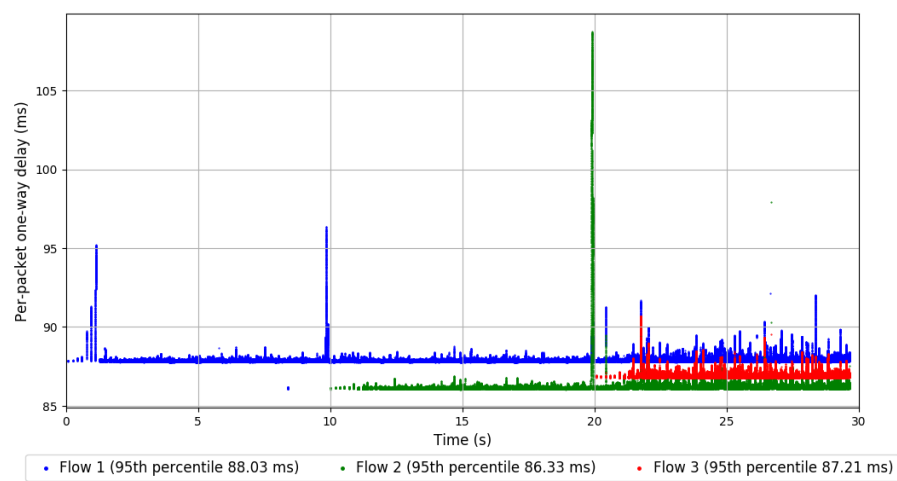
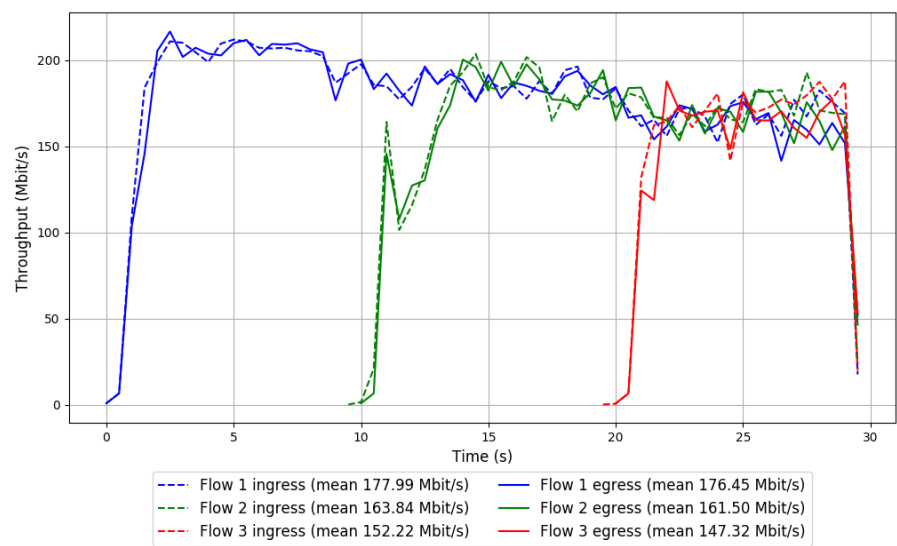


Run 7: Statistics of Indigo

Start at: 2017-11-16 12:44:49
End at: 2017-11-16 12:45:19
Local clock offset: 0.002 ms
Remote clock offset: -2.497 ms

Below is generated by plot.py at 2017-11-16 15:43:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 331.40 Mbit/s
95th percentile per-packet one-way delay: 87.947 ms
Loss rate: 1.40%
-- Flow 1:
Average throughput: 176.45 Mbit/s
95th percentile per-packet one-way delay: 88.026 ms
Loss rate: 0.86%
-- Flow 2:
Average throughput: 161.50 Mbit/s
95th percentile per-packet one-way delay: 86.334 ms
Loss rate: 1.43%
-- Flow 3:
Average throughput: 147.32 Mbit/s
95th percentile per-packet one-way delay: 87.209 ms
Loss rate: 3.26%

Run 7: Report of Indigo — Data Link

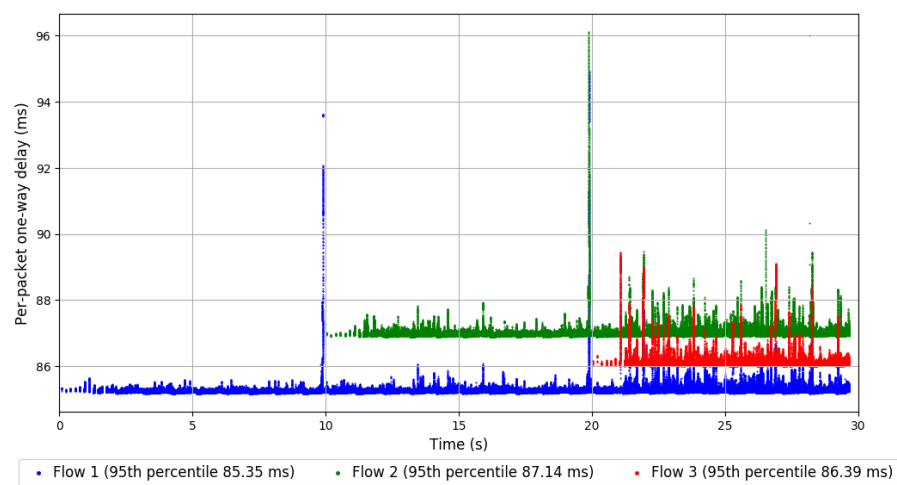
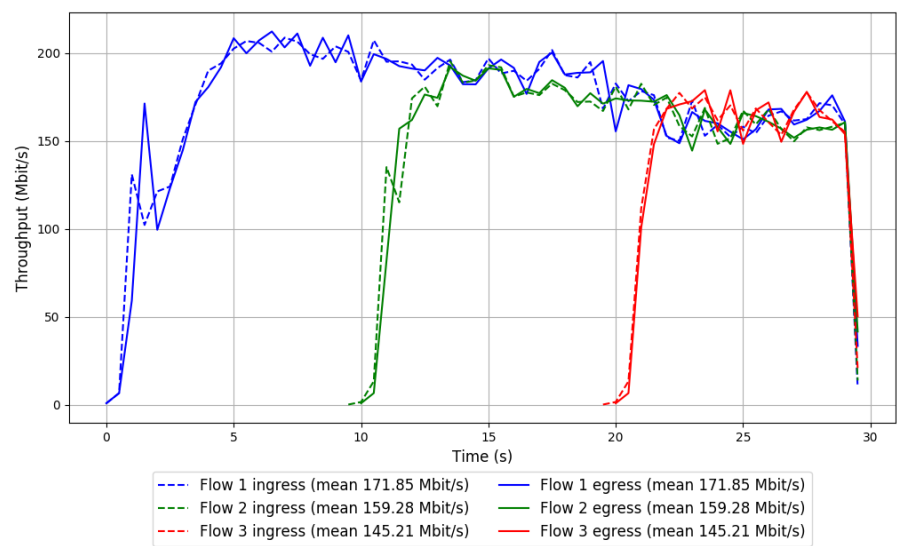


Run 8: Statistics of Indigo

Start at: 2017-11-16 13:04:37
End at: 2017-11-16 13:05:07
Local clock offset: -0.145 ms
Remote clock offset: -3.575 ms

Below is generated by plot.py at 2017-11-16 15:43:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 324.74 Mbit/s
95th percentile per-packet one-way delay: 87.021 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 171.85 Mbit/s
95th percentile per-packet one-way delay: 85.352 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 159.28 Mbit/s
95th percentile per-packet one-way delay: 87.145 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 145.21 Mbit/s
95th percentile per-packet one-way delay: 86.393 ms
Loss rate: 0.00%

Run 8: Report of Indigo — Data Link

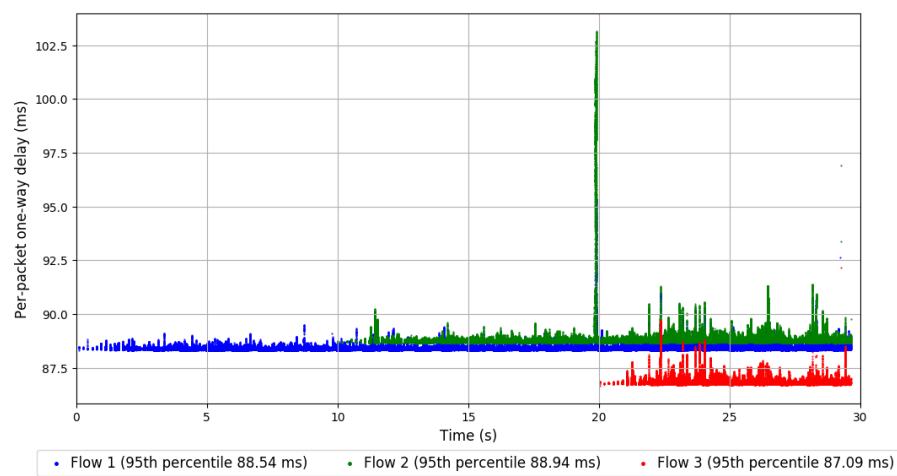
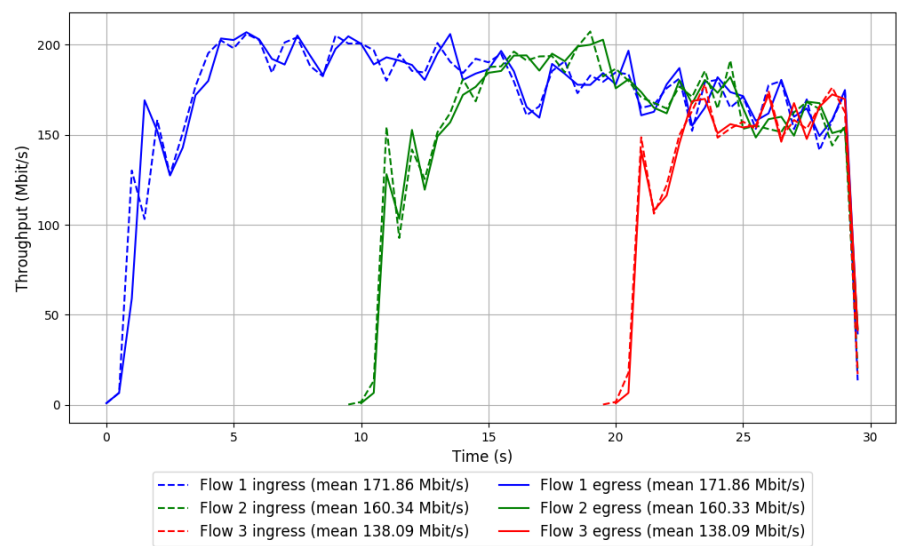


Run 9: Statistics of Indigo

Start at: 2017-11-16 13:24:27
End at: 2017-11-16 13:24:57
Local clock offset: -0.226 ms
Remote clock offset: -2.432 ms

Below is generated by plot.py at 2017-11-16 15:46:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 323.30 Mbit/s
95th percentile per-packet one-way delay: 88.800 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 171.86 Mbit/s
95th percentile per-packet one-way delay: 88.541 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 160.33 Mbit/s
95th percentile per-packet one-way delay: 88.938 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 138.09 Mbit/s
95th percentile per-packet one-way delay: 87.090 ms
Loss rate: 0.00%

Run 9: Report of Indigo — Data Link

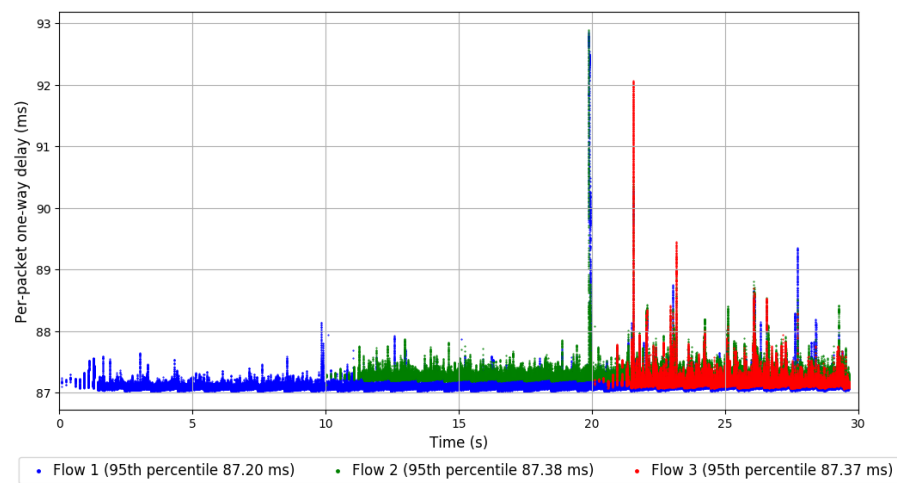
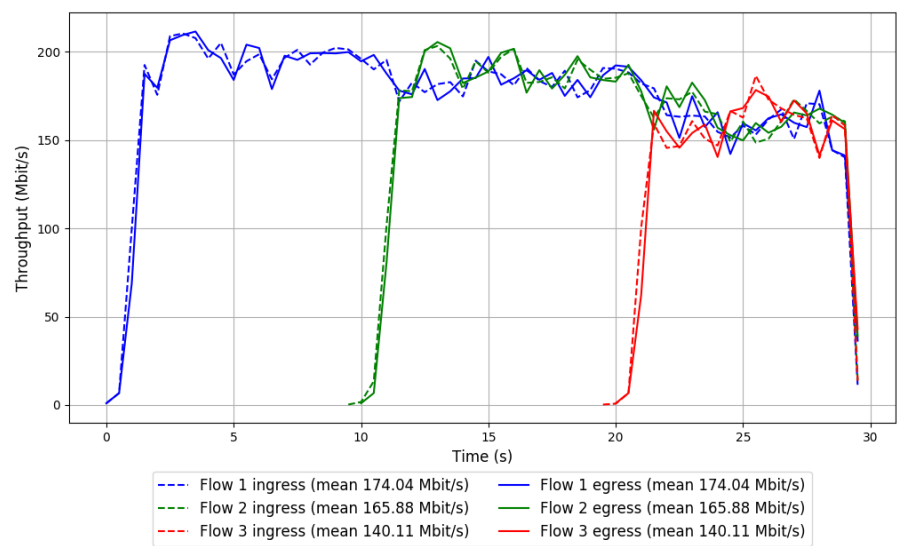


Run 10: Statistics of Indigo

Start at: 2017-11-16 13:44:21
End at: 2017-11-16 13:44:51
Local clock offset: -0.289 ms
Remote clock offset: -2.149 ms

Below is generated by plot.py at 2017-11-16 15:46:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 329.47 Mbit/s
95th percentile per-packet one-way delay: 87.327 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 174.04 Mbit/s
95th percentile per-packet one-way delay: 87.202 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 165.88 Mbit/s
95th percentile per-packet one-way delay: 87.380 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 140.11 Mbit/s
95th percentile per-packet one-way delay: 87.368 ms
Loss rate: 0.00%

Run 10: Report of Indigo — Data Link

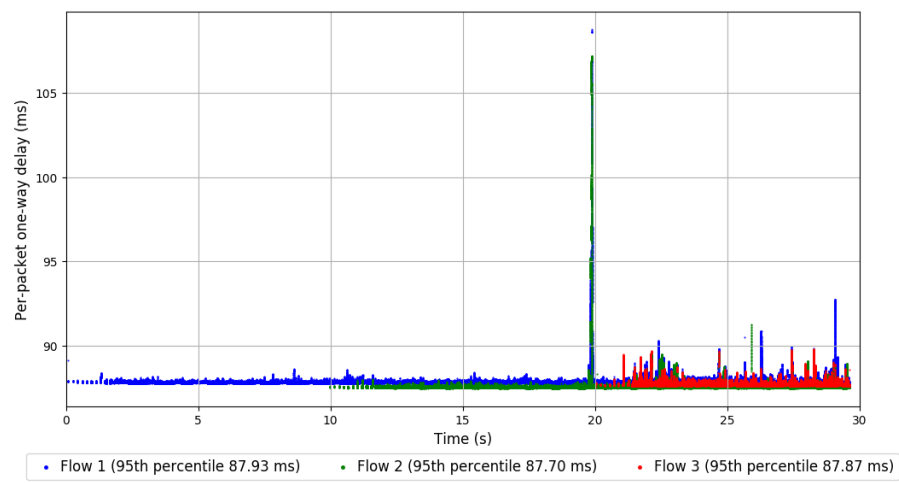
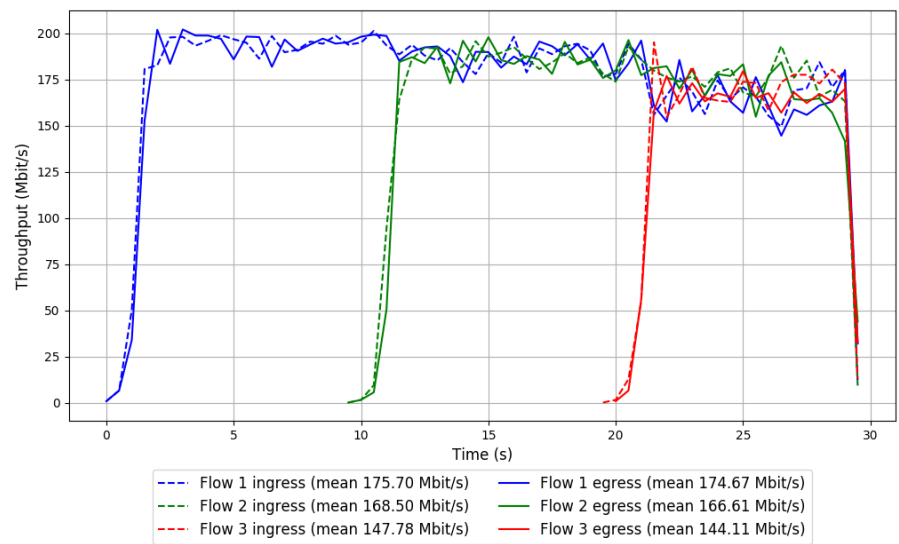


```
Run 1: Statistics of Indigo-calib

Start at: 2017-11-16 10:44:03
End at: 2017-11-16 10:44:33
Local clock offset: -0.004 ms
Remote clock offset: -0.141 ms

# Below is generated by plot.py at 2017-11-16 15:46:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 332.19 Mbit/s
95th percentile per-packet one-way delay: 87.886 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 174.67 Mbit/s
95th percentile per-packet one-way delay: 87.931 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 166.61 Mbit/s
95th percentile per-packet one-way delay: 87.697 ms
Loss rate: 1.14%
-- Flow 3:
Average throughput: 144.11 Mbit/s
95th percentile per-packet one-way delay: 87.871 ms
Loss rate: 2.51%
```

Run 1: Report of Indigo-calib — Data Link

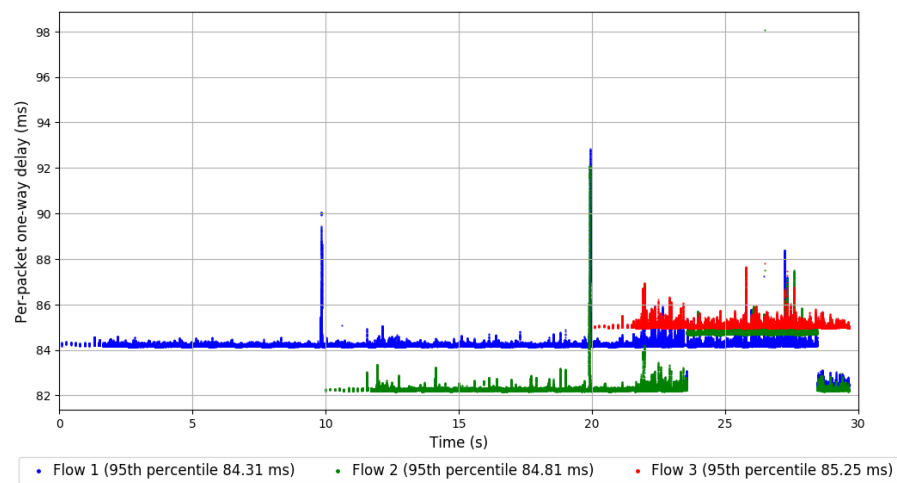
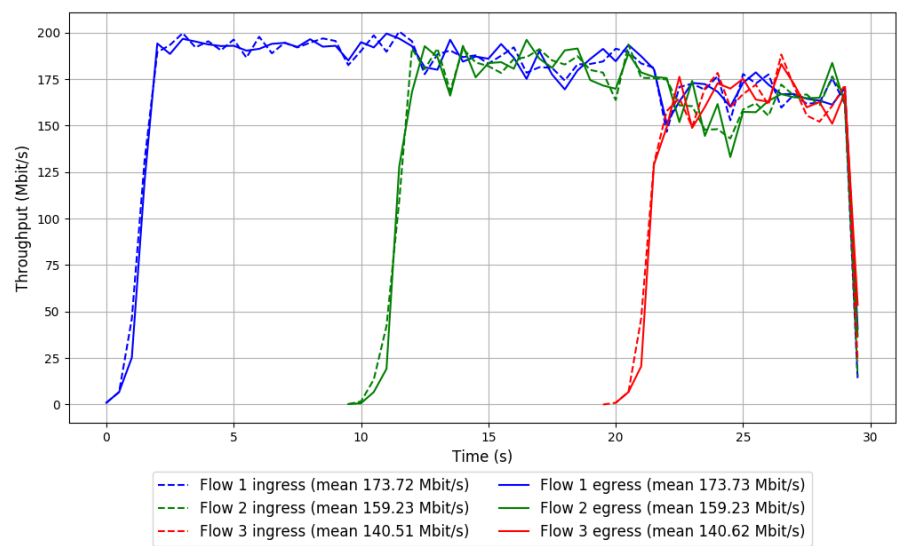


Run 2: Statistics of Indigo-calib

Start at: 2017-11-16 11:04:03
End at: 2017-11-16 11:04:33
Local clock offset: 0.112 ms
Remote clock offset: -3.371 ms

Below is generated by plot.py at 2017-11-16 15:47:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 324.95 Mbit/s
95th percentile per-packet one-way delay: 85.059 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 173.73 Mbit/s
95th percentile per-packet one-way delay: 84.309 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 159.23 Mbit/s
95th percentile per-packet one-way delay: 84.812 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 140.62 Mbit/s
95th percentile per-packet one-way delay: 85.254 ms
Loss rate: 0.00%

Run 2: Report of Indigo-calib — Data Link

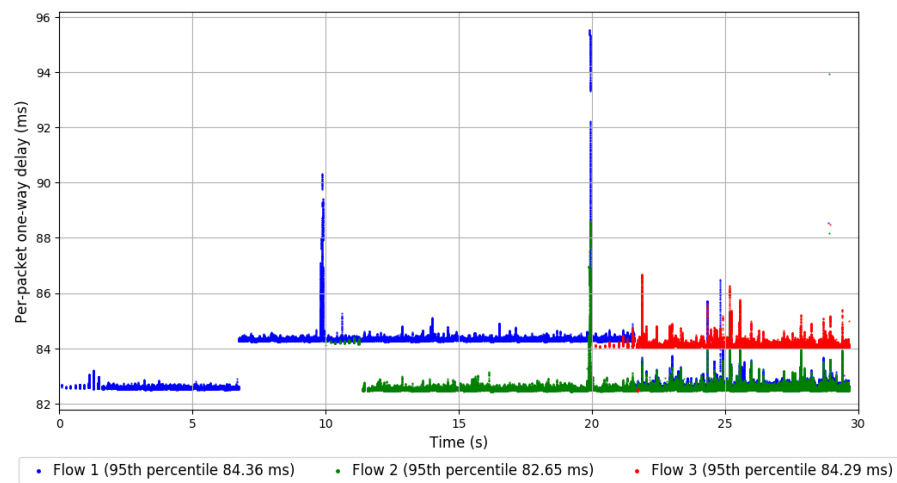
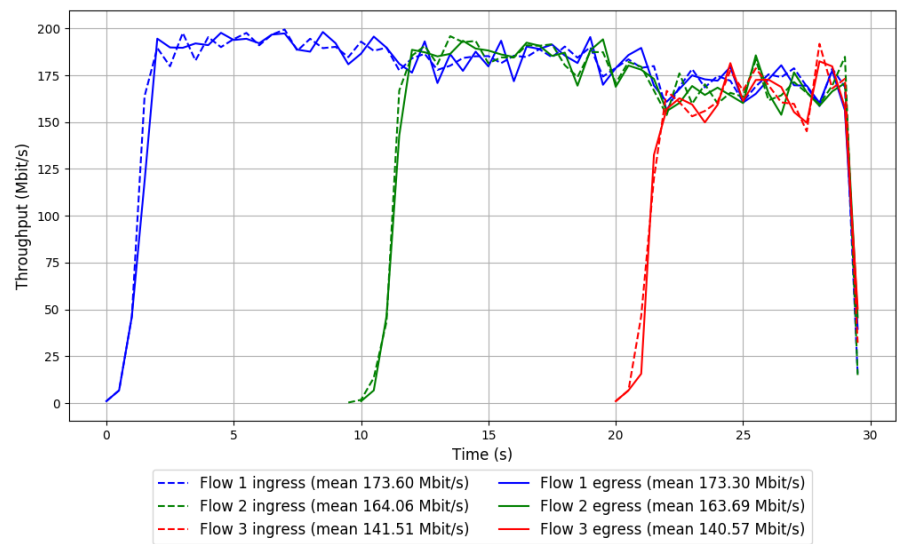


Run 3: Statistics of Indigo-calib

Start at: 2017-11-16 11:23:54
End at: 2017-11-16 11:24:24
Local clock offset: 0.049 ms
Remote clock offset: -3.183 ms

Below is generated by plot.py at 2017-11-16 15:47:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 327.23 Mbit/s
95th percentile per-packet one-way delay: 84.346 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 173.30 Mbit/s
95th percentile per-packet one-way delay: 84.356 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 163.69 Mbit/s
95th percentile per-packet one-way delay: 82.652 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 140.57 Mbit/s
95th percentile per-packet one-way delay: 84.290 ms
Loss rate: 0.67%

Run 3: Report of Indigo-calib — Data Link



Run 4: Statistics of Indigo-calib

Start at: 2017-11-16 11:43:52

End at: 2017-11-16 11:44:22

Local clock offset: 0.096 ms

Remote clock offset: 0.261 ms

Below is generated by plot.py at 2017-11-16 15:48:20

Datalink statistics

-- Total of 3 flows:

Average throughput: 331.89 Mbit/s

95th percentile per-packet one-way delay: 88.282 ms

Loss rate: 0.07%

-- Flow 1:

Average throughput: 174.47 Mbit/s

95th percentile per-packet one-way delay: 88.345 ms

Loss rate: 0.05%

-- Flow 2:

Average throughput: 166.53 Mbit/s

95th percentile per-packet one-way delay: 86.166 ms

Loss rate: 0.08%

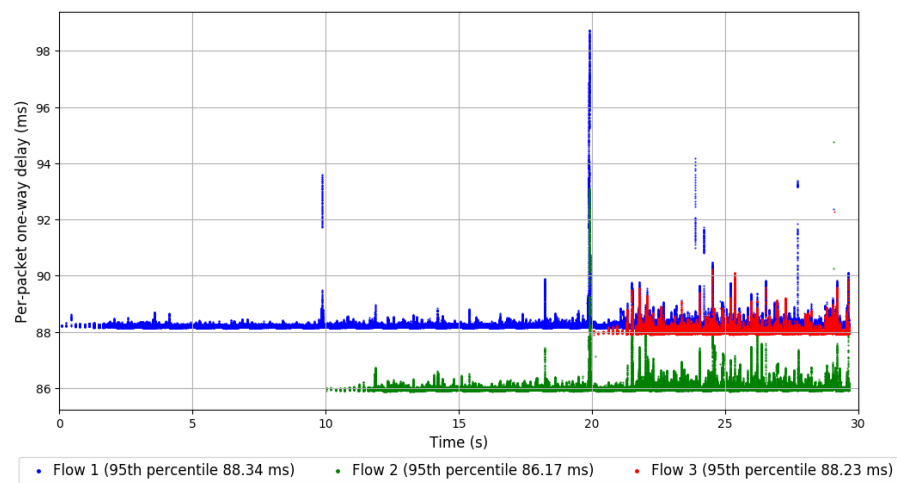
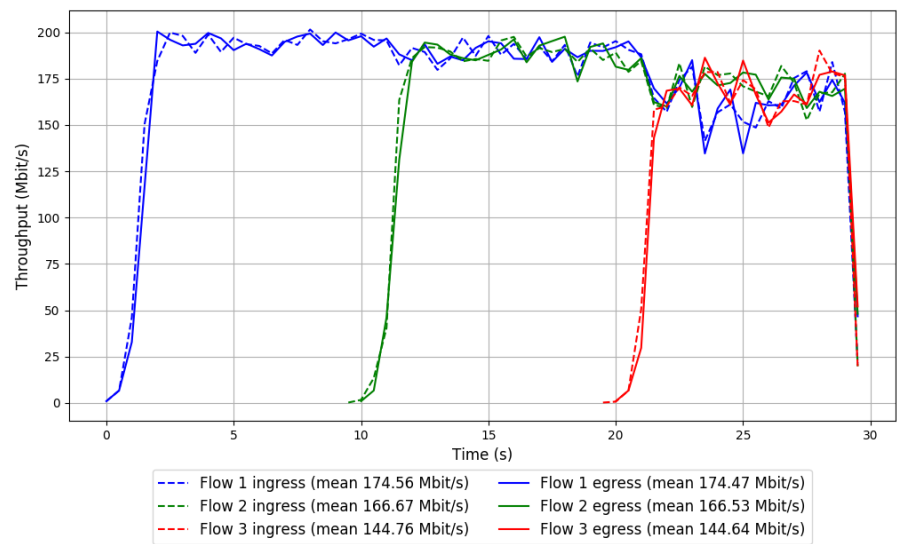
-- Flow 3:

Average throughput: 144.64 Mbit/s

95th percentile per-packet one-way delay: 88.227 ms

Loss rate: 0.12%

Run 4: Report of Indigo-calib — Data Link

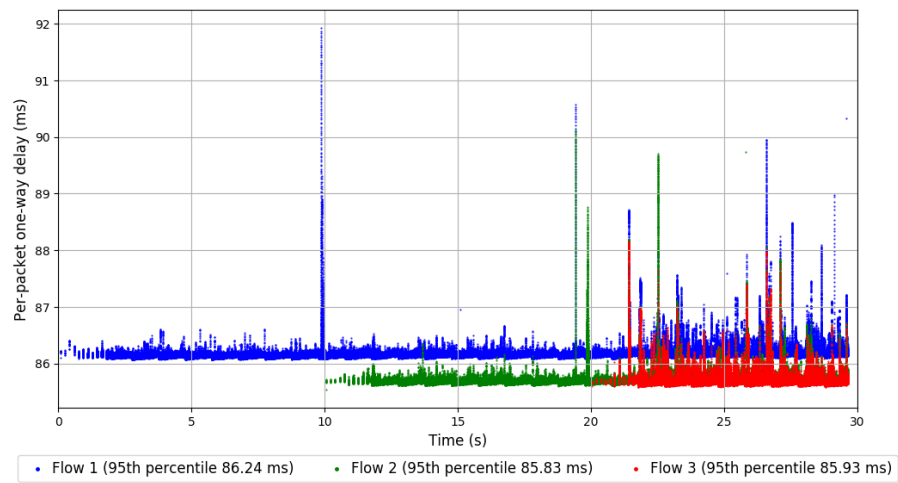
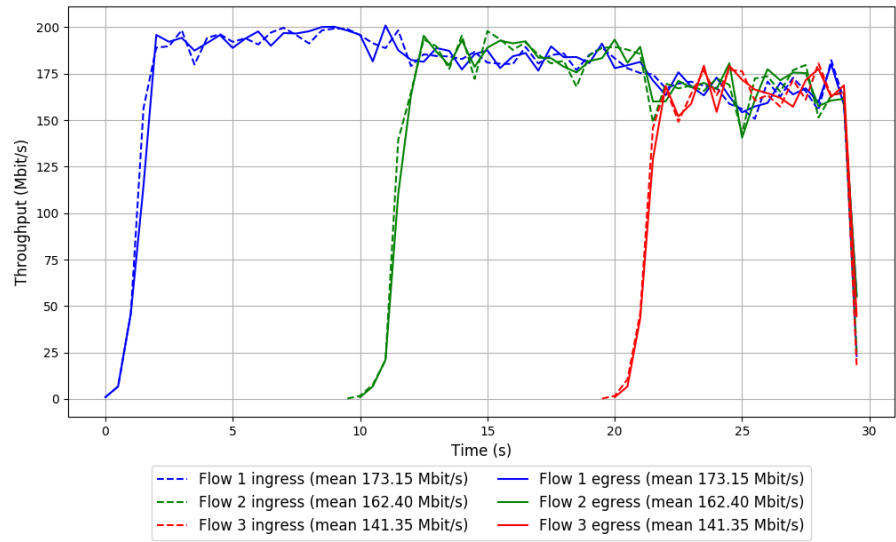


Run 5: Statistics of Indigo-calib

Start at: 2017-11-16 12:03:39
End at: 2017-11-16 12:04:09
Local clock offset: 0.059 ms
Remote clock offset: -1.659 ms

Below is generated by plot.py at 2017-11-16 15:48:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 326.75 Mbit/s
95th percentile per-packet one-way delay: 86.212 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 173.15 Mbit/s
95th percentile per-packet one-way delay: 86.244 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 162.40 Mbit/s
95th percentile per-packet one-way delay: 85.826 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 141.35 Mbit/s
95th percentile per-packet one-way delay: 85.932 ms
Loss rate: 0.00%

Run 5: Report of Indigo-calib — Data Link

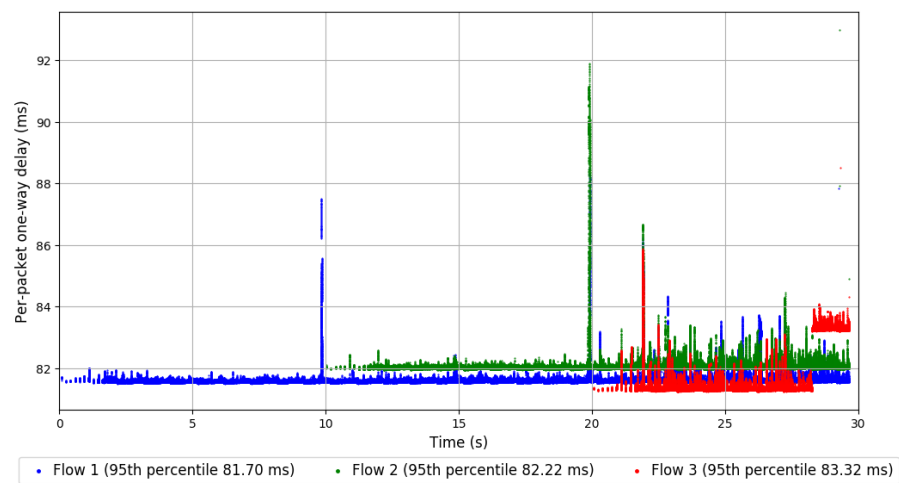
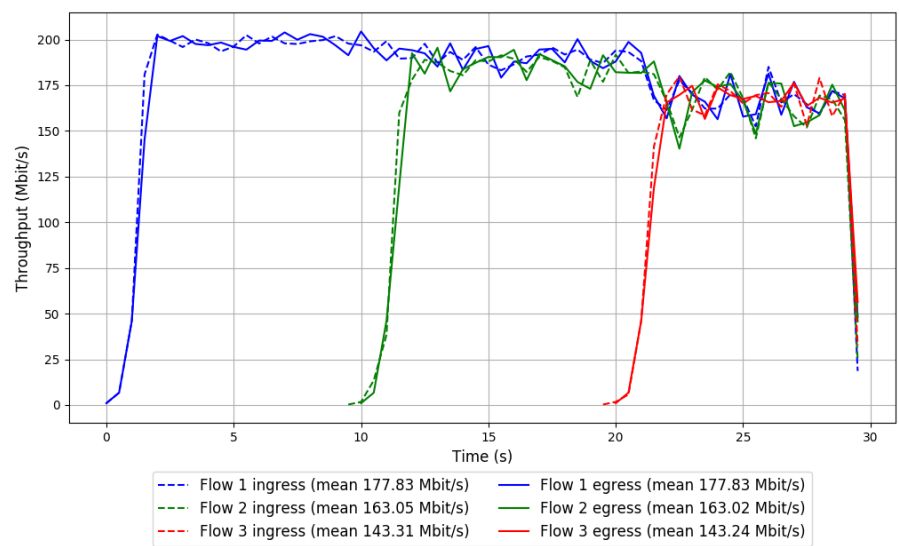


Run 6: Statistics of Indigo-calib

Start at: 2017-11-16 12:23:25
End at: 2017-11-16 12:23:55
Local clock offset: 0.046 ms
Remote clock offset: -6.399 ms

Below is generated by plot.py at 2017-11-16 15:48:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 332.49 Mbit/s
95th percentile per-packet one-way delay: 82.188 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 177.83 Mbit/s
95th percentile per-packet one-way delay: 81.698 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 163.02 Mbit/s
95th percentile per-packet one-way delay: 82.217 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 143.24 Mbit/s
95th percentile per-packet one-way delay: 83.320 ms
Loss rate: 0.03%

Run 6: Report of Indigo-calib — Data Link

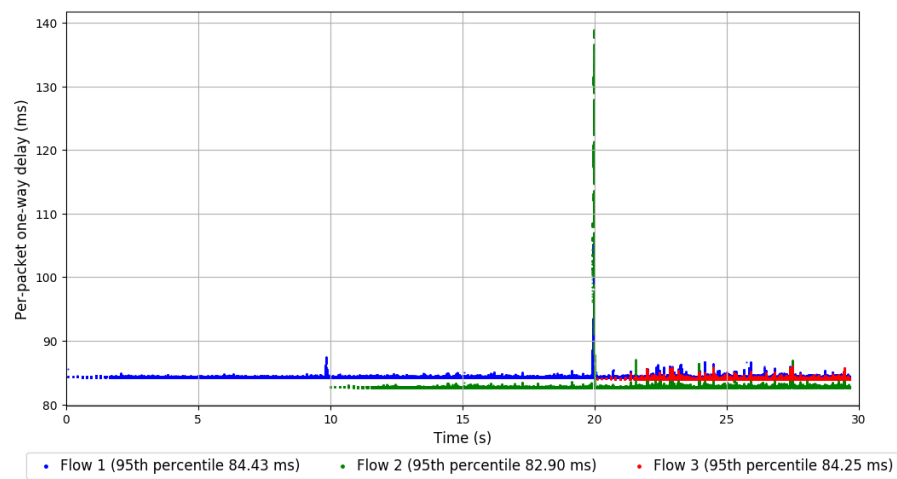
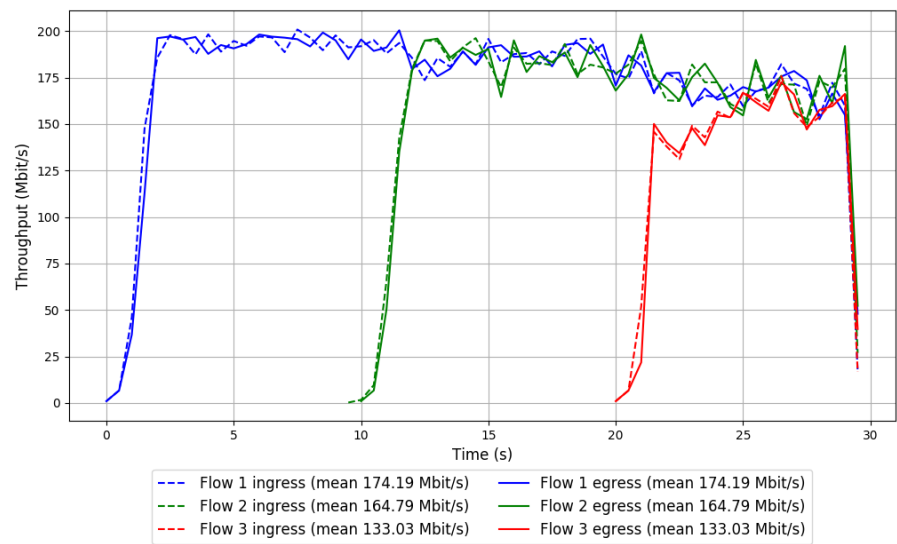


Run 7: Statistics of Indigo-calib

Start at: 2017-11-16 12:43:13
End at: 2017-11-16 12:43:43
Local clock offset: -0.087 ms
Remote clock offset: -6.165 ms

Below is generated by plot.py at 2017-11-16 15:49:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 326.61 Mbit/s
95th percentile per-packet one-way delay: 84.380 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 174.19 Mbit/s
95th percentile per-packet one-way delay: 84.434 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 164.79 Mbit/s
95th percentile per-packet one-way delay: 82.901 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 133.03 Mbit/s
95th percentile per-packet one-way delay: 84.253 ms
Loss rate: 0.00%

Run 7: Report of Indigo-calib — Data Link

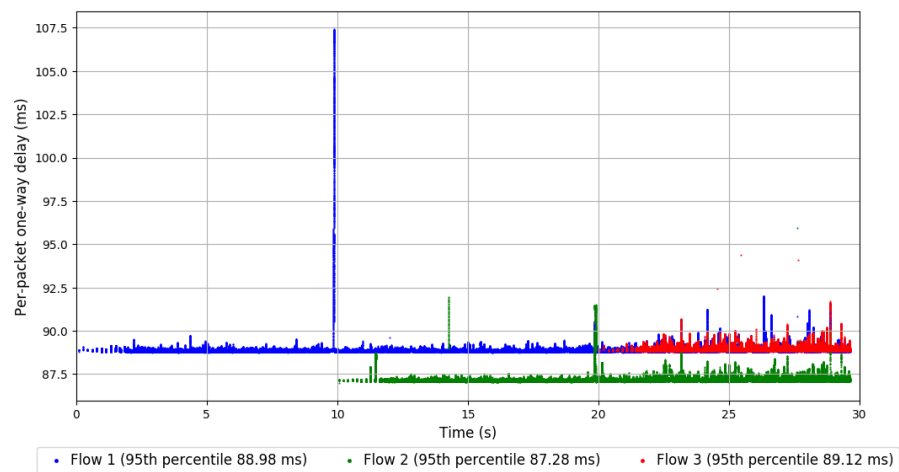
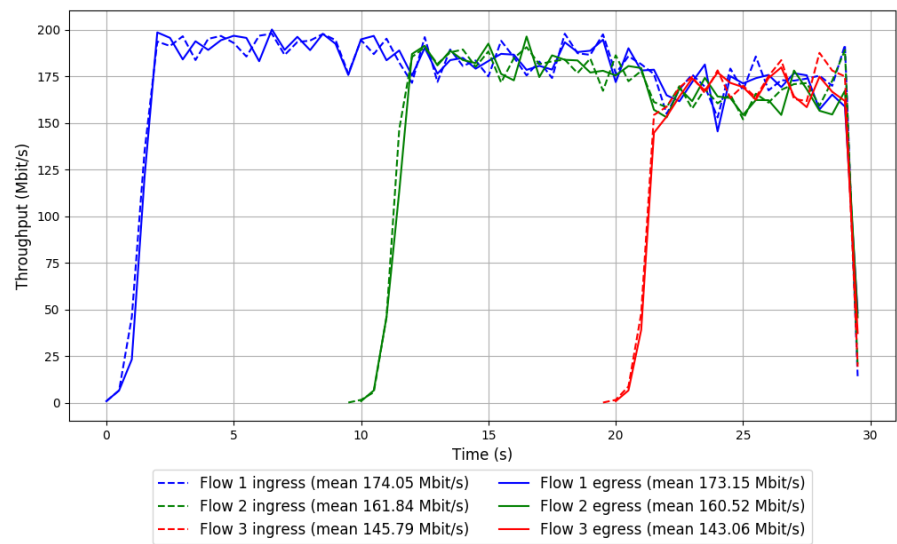


Run 8: Statistics of Indigo-calib

Start at: 2017-11-16 13:03:01
End at: 2017-11-16 13:03:31
Local clock offset: -0.183 ms
Remote clock offset: -1.826 ms

Below is generated by plot.py at 2017-11-16 15:49:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 326.05 Mbit/s
95th percentile per-packet one-way delay: 88.975 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 173.15 Mbit/s
95th percentile per-packet one-way delay: 88.984 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 160.52 Mbit/s
95th percentile per-packet one-way delay: 87.281 ms
Loss rate: 0.81%
-- Flow 3:
Average throughput: 143.06 Mbit/s
95th percentile per-packet one-way delay: 89.121 ms
Loss rate: 1.87%

Run 8: Report of Indigo-calib — Data Link



Run 9: Statistics of Indigo-calib

Start at: 2017-11-16 13:22:50

End at: 2017-11-16 13:23:20

Local clock offset: -0.295 ms

Remote clock offset: -3.99 ms

Below is generated by plot.py at 2017-11-16 15:49:54

Datalink statistics

-- Total of 3 flows:

Average throughput: 323.52 Mbit/s

95th percentile per-packet one-way delay: 85.383 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 172.72 Mbit/s

95th percentile per-packet one-way delay: 85.255 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 159.55 Mbit/s

95th percentile per-packet one-way delay: 85.429 ms

Loss rate: 0.00%

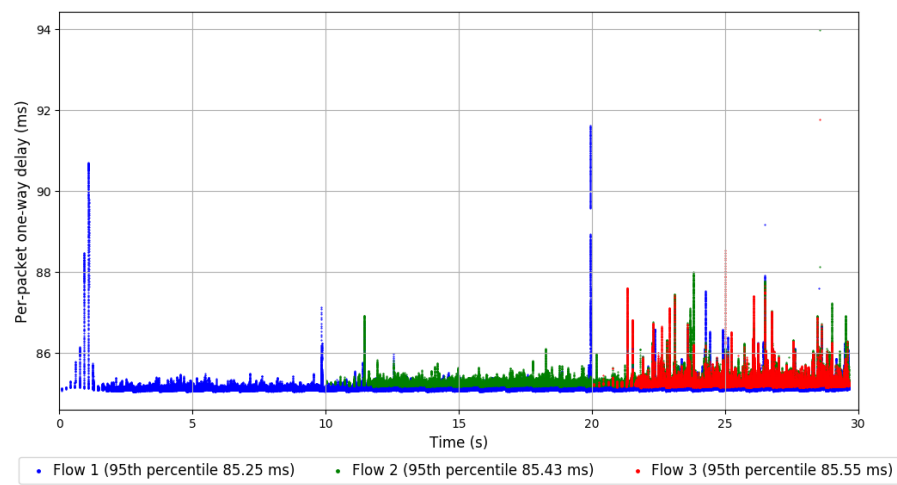
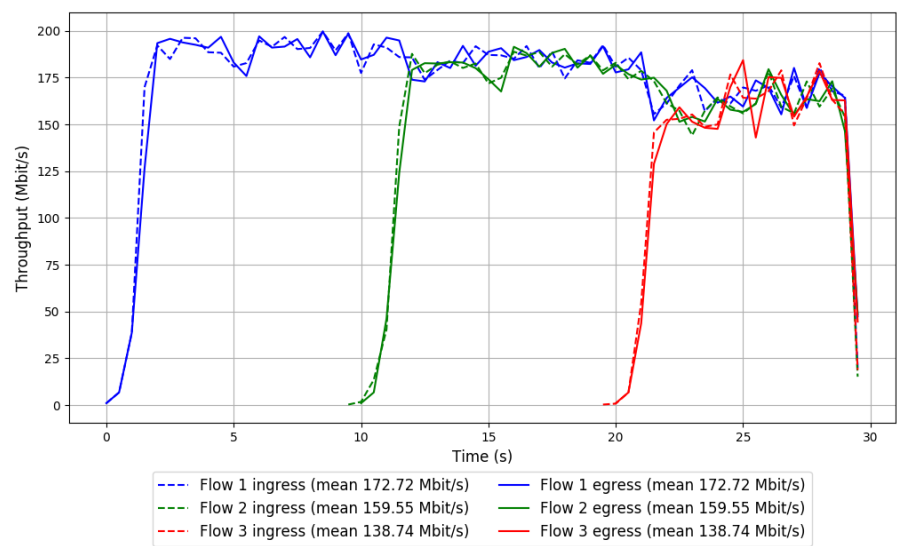
-- Flow 3:

Average throughput: 138.74 Mbit/s

95th percentile per-packet one-way delay: 85.553 ms

Loss rate: 0.00%

Run 9: Report of Indigo-calib — Data Link



Run 10: Statistics of Indigo-calib

Start at: 2017-11-16 13:42:44
End at: 2017-11-16 13:43:15
Local clock offset: -0.28 ms
Remote clock offset: -7.074 ms

Below is generated by plot.py at 2017-11-16 15:49:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 325.43 Mbit/s
95th percentile per-packet one-way delay: 84.129 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 173.86 Mbit/s
95th percentile per-packet one-way delay: 84.080 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 160.57 Mbit/s
95th percentile per-packet one-way delay: 84.113 ms
Loss rate: 0.41%
-- Flow 3:
Average throughput: 138.63 Mbit/s
95th percentile per-packet one-way delay: 84.336 ms
Loss rate: 1.45%

Run 10: Report of Indigo-calib — Data Link

