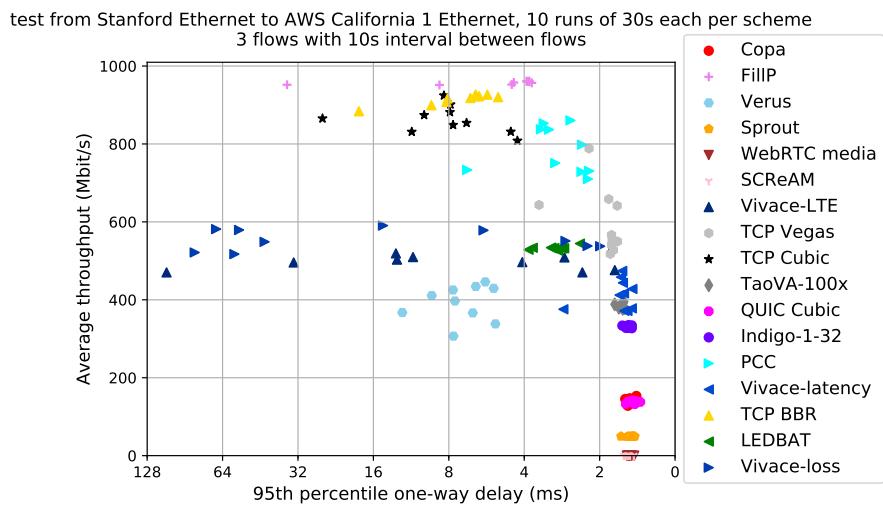
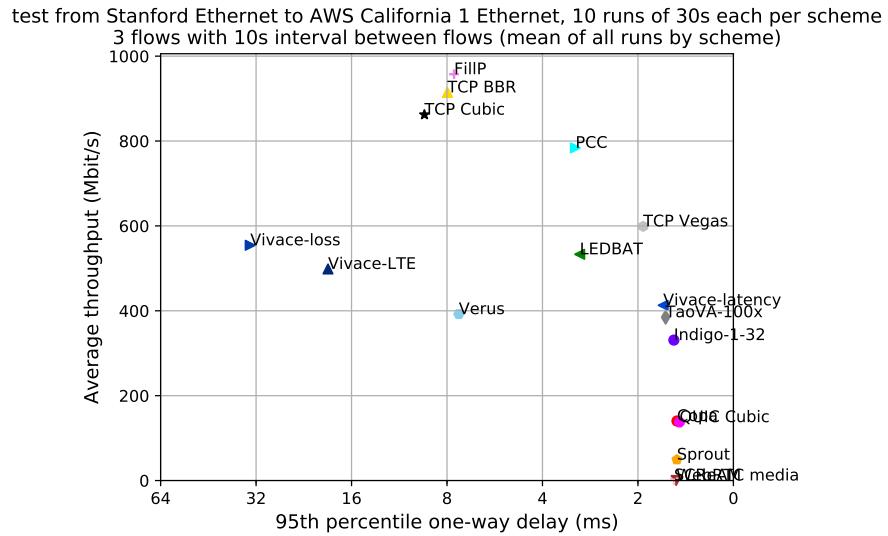


Pantheon Report

Generated at 2018-02-14 01:55:59 (UTC).
Data path: Stanford Ethernet (*remote*) → AWS California 1 Ethernet (*local*).
Repeated the test of 17 congestion control schemes 10 times.
Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).
NTP offsets were measured against `time.stanford.edu` and have been applied to correct the timestamps in logs.

Git summary:

```
branch: master @ 2efdadc57c2c56a9458b0d01ff33345e11732665
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ 828bbf95fd4941149b5cec90f281d1c69ae1a5c6
third_party/genericCC @ 80b516c448f795fd6e9675f7177b69c622f07da8
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/indigo-1-layer-32-unit-no-calib @ 1f3a7f75b41135ed5b540c0fd3505939528e2a5f
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179aab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeeb30b267cde681
third_party/sprout @ 6f2efef6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 7a4ba531e75b4a6f66f5c4580192120401784ce3
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```



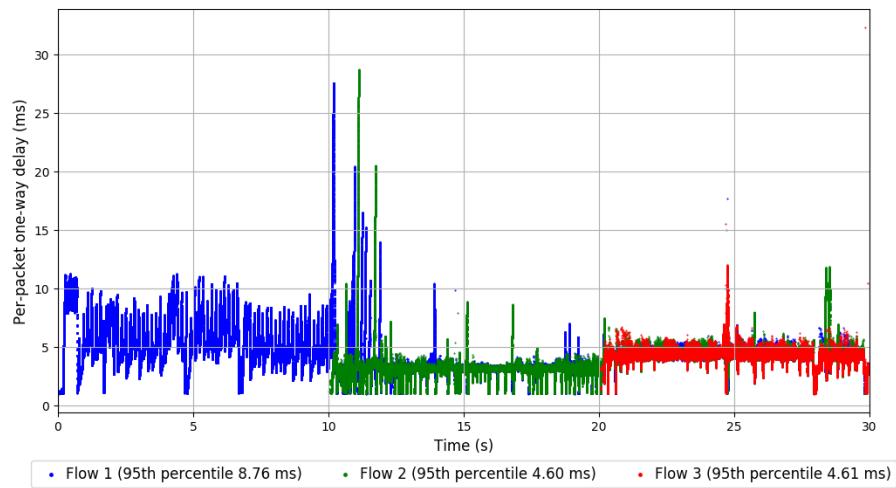
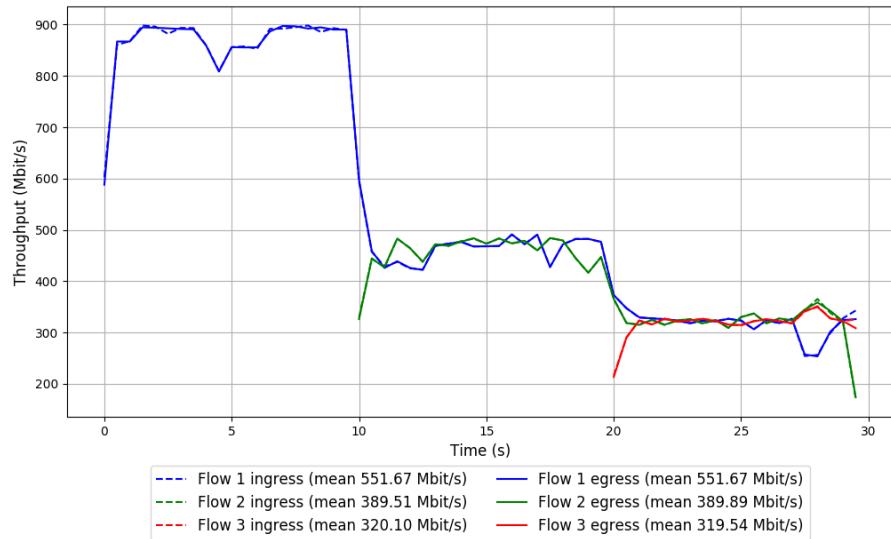
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	549.79	389.45	319.41	9.79	4.88	4.60	0.04	0.08	0.24
TCP Cubic	10	498.93	390.38	312.22	10.48	4.46	4.48	0.05	0.09	0.22
LEDBAT	10	310.88	244.66	179.98	2.74	3.43	2.97	0.04	0.09	0.25
PCC	10	641.25	156.82	117.50	3.98	2.67	2.33	0.08	0.11	0.22
QUIC Cubic	10	72.91	68.45	58.48	1.12	1.13	1.13	0.06	0.09	0.17
SCReAM	10	0.22	0.22	0.22	1.24	1.25	1.24	0.03	0.02	0.24
WebRTC media	10	0.05	0.05	0.05	1.20	1.20	1.19	0.00	0.01	0.00
Sprout	10	24.82	24.77	24.28	1.19	1.18	1.18	0.07	0.10	0.22
TaoVA-100x	10	214.80	192.05	127.96	1.29	1.51	1.83	0.04	0.08	0.16
TCP Vegas	10	336.50	248.37	293.10	1.85	1.88	1.95	0.06	0.08	0.20
Verus	10	232.42	171.35	139.45	8.21	7.30	3.67	0.14	0.06	0.26
Copa	10	74.58	68.95	59.97	1.18	1.18	1.20	0.05	0.07	0.20
FillP	10	586.18	400.83	316.67	16.41	3.90	3.96	0.33	0.08	0.21
Indigo-1-32	10	177.09	161.50	143.21	1.21	1.27	1.32	0.06	0.08	0.20
Vivace-latency	10	286.65	140.18	100.90	2.69	1.31	1.28	0.10	0.08	0.31
Vivace-loss	10	354.57	219.75	164.03	43.71	12.35	2.12	0.70	0.15	0.20
Vivace-LTE	10	332.12	181.46	139.98	39.29	2.00	1.56	0.36	0.09	0.20

Run 1: Statistics of TCP BBR

```
Start at: 2018-02-13 13:29:07
End at: 2018-02-13 13:29:37
Local clock offset: -0.034 ms
Remote clock offset: -6.826 ms

# Below is generated by plot.py at 2018-02-13 23:43:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 916.80 Mbit/s
95th percentile per-packet one-way delay: 8.090 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 551.67 Mbit/s
95th percentile per-packet one-way delay: 8.757 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 389.89 Mbit/s
95th percentile per-packet one-way delay: 4.598 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 319.54 Mbit/s
95th percentile per-packet one-way delay: 4.606 ms
Loss rate: 0.31%
```

Run 1: Report of TCP BBR — Data Link

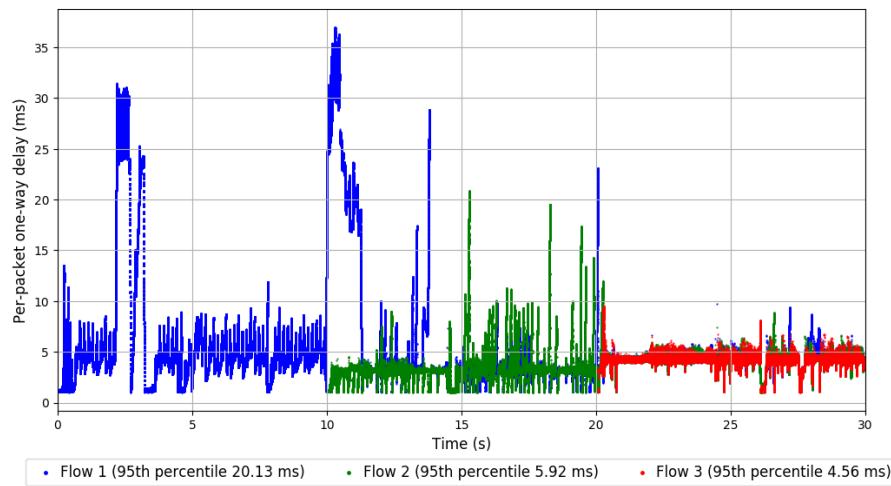
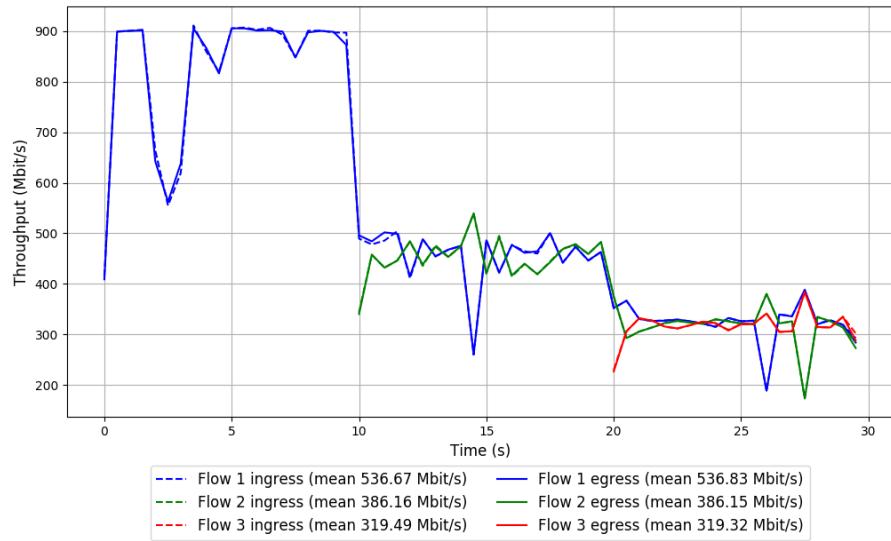


Run 2: Statistics of TCP BBR

```
Start at: 2018-02-13 13:58:07
End at: 2018-02-13 13:58:37
Local clock offset: 0.048 ms
Remote clock offset: -5.972 ms

# Below is generated by plot.py at 2018-02-13 23:43:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 899.49 Mbit/s
95th percentile per-packet one-way delay: 9.386 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 536.83 Mbit/s
95th percentile per-packet one-way delay: 20.133 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 386.15 Mbit/s
95th percentile per-packet one-way delay: 5.919 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 319.32 Mbit/s
95th percentile per-packet one-way delay: 4.559 ms
Loss rate: 0.26%
```

Run 2: Report of TCP BBR — Data Link

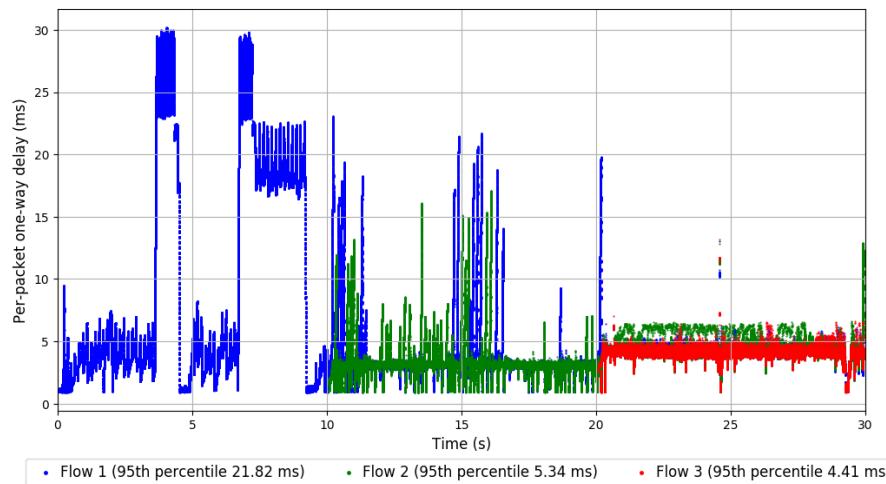
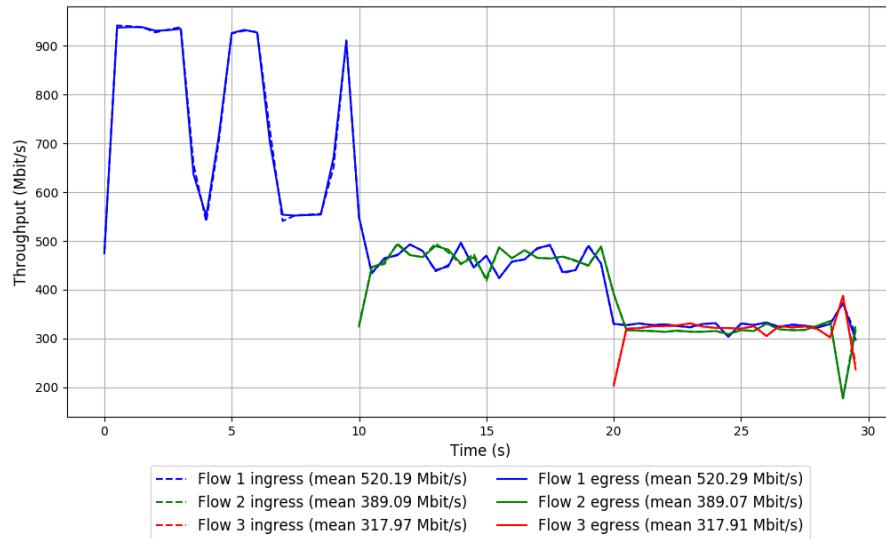


Run 3: Statistics of TCP BBR

```
Start at: 2018-02-13 14:27:06
End at: 2018-02-13 14:27:36
Local clock offset: 0.286 ms
Remote clock offset: -5.171 ms

# Below is generated by plot.py at 2018-02-13 23:43:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 884.04 Mbit/s
95th percentile per-packet one-way delay: 18.269 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 520.29 Mbit/s
95th percentile per-packet one-way delay: 21.821 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 389.07 Mbit/s
95th percentile per-packet one-way delay: 5.336 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 317.91 Mbit/s
95th percentile per-packet one-way delay: 4.408 ms
Loss rate: 0.22%
```

Run 3: Report of TCP BBR — Data Link

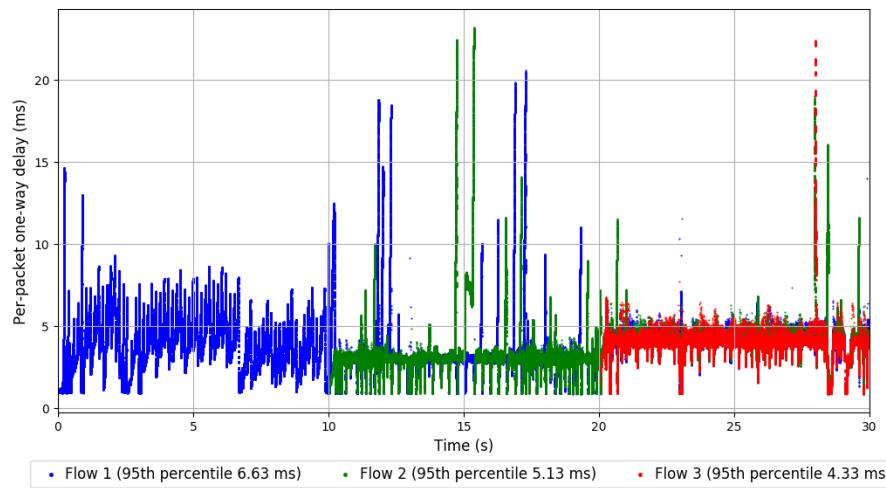
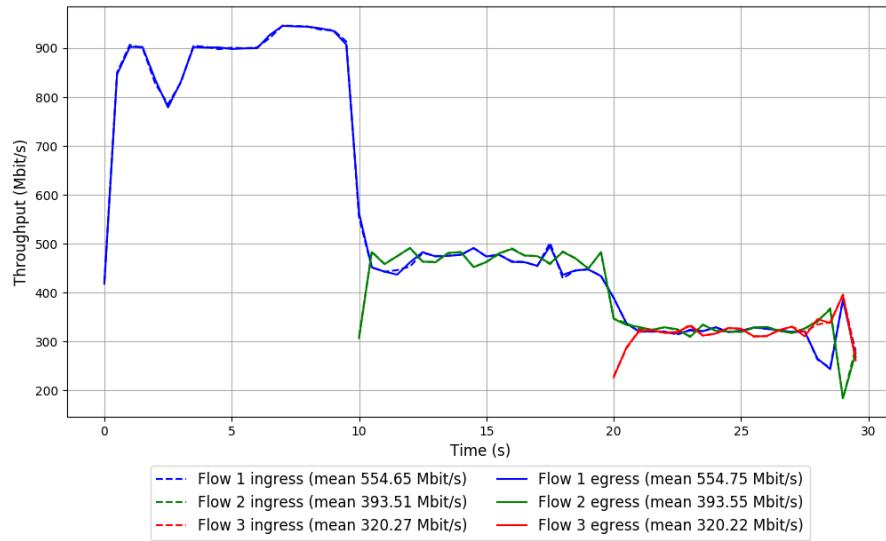


Run 4: Statistics of TCP BBR

```
Start at: 2018-02-13 14:56:17
End at: 2018-02-13 14:56:47
Local clock offset: 0.382 ms
Remote clock offset: -5.273 ms

# Below is generated by plot.py at 2018-02-13 23:43:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 922.52 Mbit/s
95th percentile per-packet one-way delay: 6.285 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 554.75 Mbit/s
95th percentile per-packet one-way delay: 6.632 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 393.55 Mbit/s
95th percentile per-packet one-way delay: 5.130 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 320.22 Mbit/s
95th percentile per-packet one-way delay: 4.327 ms
Loss rate: 0.22%
```

Run 4: Report of TCP BBR — Data Link

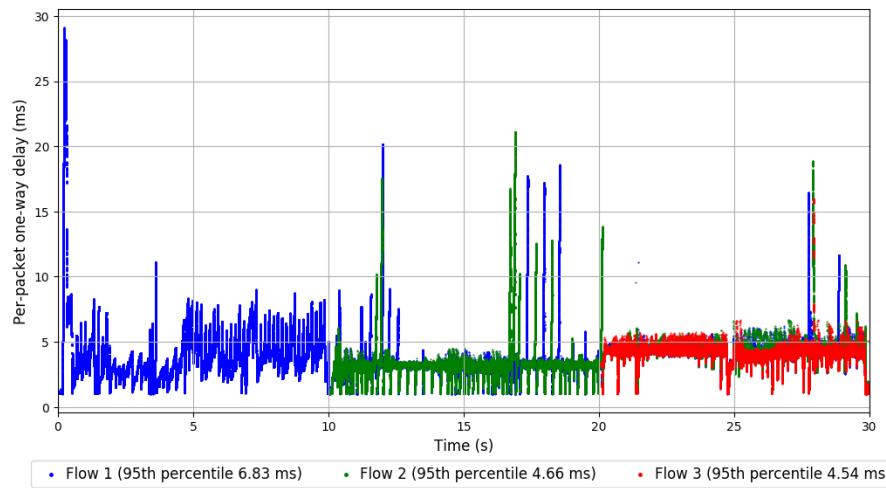
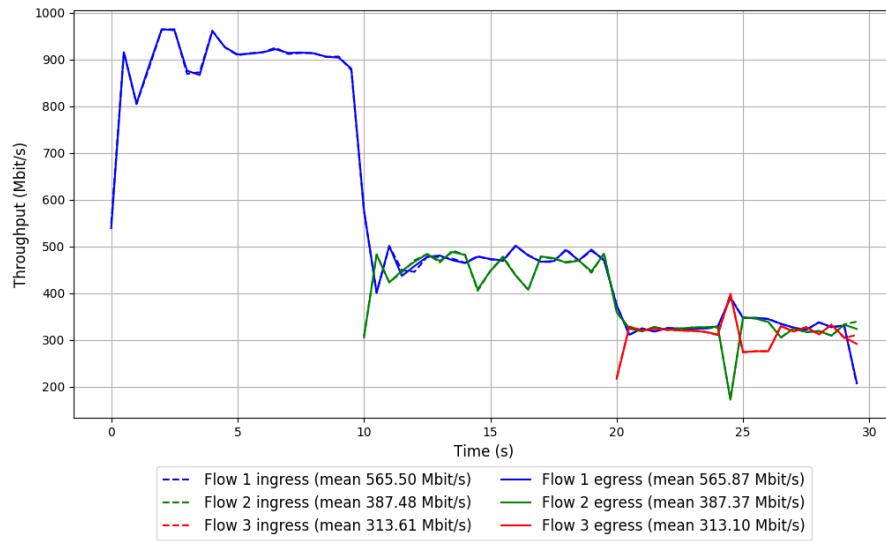


Run 5: Statistics of TCP BBR

```
Start at: 2018-02-13 15:25:19
End at: 2018-02-13 15:25:49
Local clock offset: 0.288 ms
Remote clock offset: -5.883 ms

# Below is generated by plot.py at 2018-02-13 23:43:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 927.05 Mbit/s
95th percentile per-packet one-way delay: 6.252 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 565.87 Mbit/s
95th percentile per-packet one-way delay: 6.826 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 387.37 Mbit/s
95th percentile per-packet one-way delay: 4.661 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 313.10 Mbit/s
95th percentile per-packet one-way delay: 4.542 ms
Loss rate: 0.33%
```

Run 5: Report of TCP BBR — Data Link

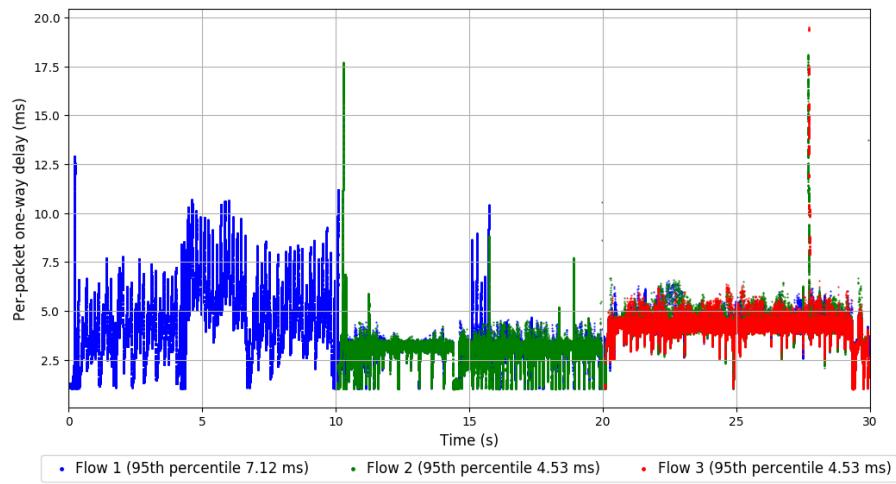
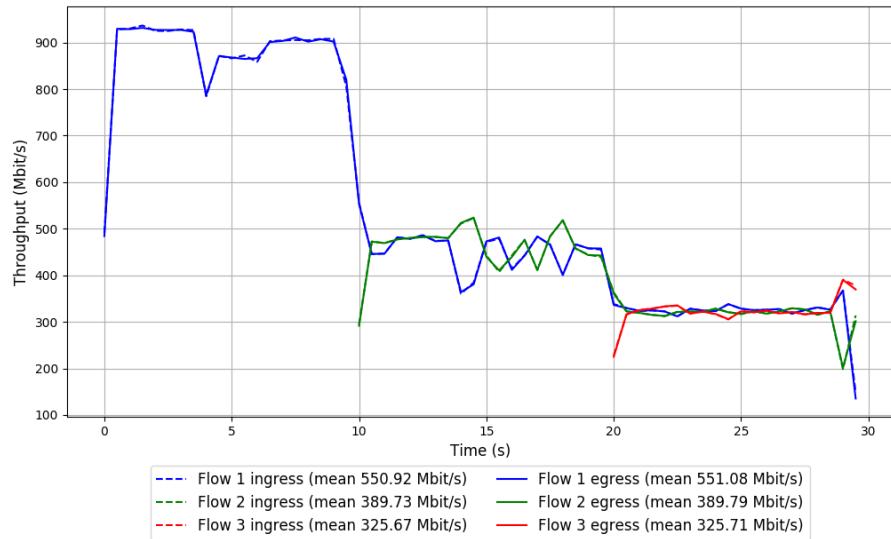


Run 6: Statistics of TCP BBR

```
Start at: 2018-02-13 15:54:29
End at: 2018-02-13 15:54:59
Local clock offset: -0.122 ms
Remote clock offset: -7.132 ms

# Below is generated by plot.py at 2018-02-13 23:43:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 917.88 Mbit/s
95th percentile per-packet one-way delay: 6.559 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 551.08 Mbit/s
95th percentile per-packet one-way delay: 7.119 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 389.79 Mbit/s
95th percentile per-packet one-way delay: 4.527 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 325.71 Mbit/s
95th percentile per-packet one-way delay: 4.525 ms
Loss rate: 0.18%
```

Run 6: Report of TCP BBR — Data Link

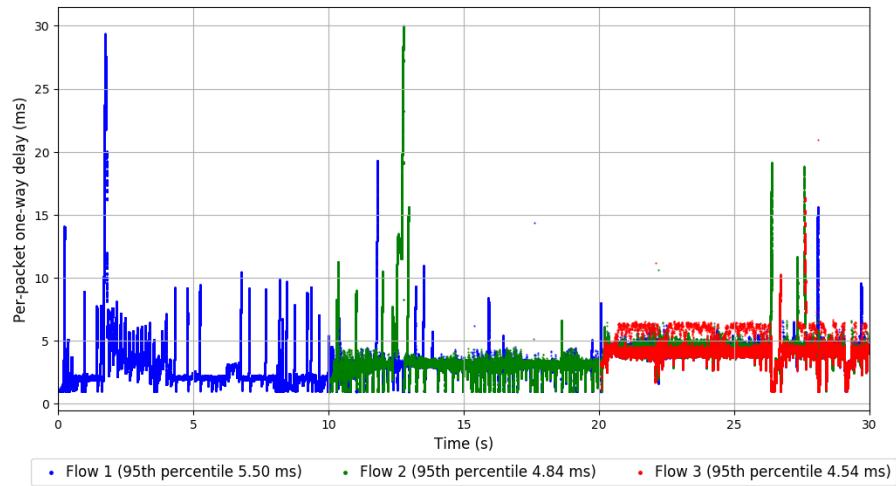
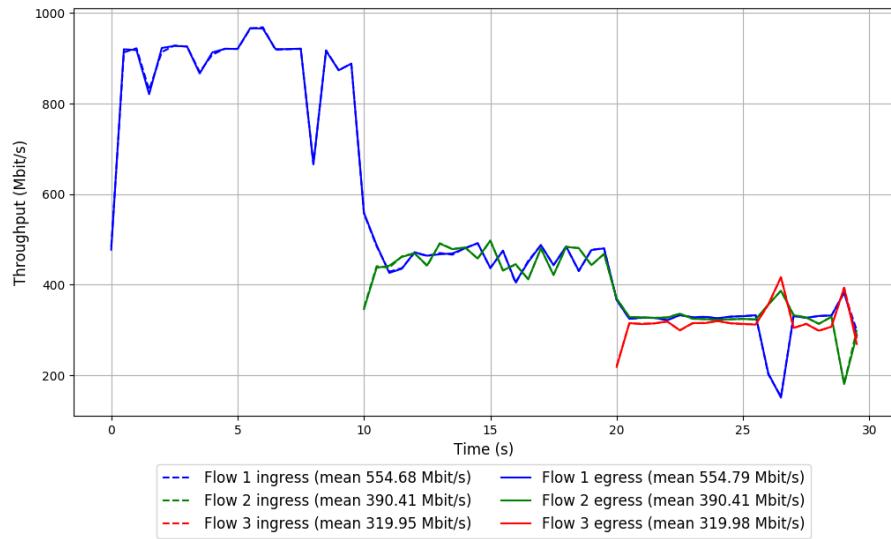


Run 7: Statistics of TCP BBR

```
Start at: 2018-02-13 16:23:41
End at: 2018-02-13 16:24:11
Local clock offset: -0.38 ms
Remote clock offset: -6.975 ms

# Below is generated by plot.py at 2018-02-13 23:43:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 920.11 Mbit/s
95th percentile per-packet one-way delay: 5.083 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 554.79 Mbit/s
95th percentile per-packet one-way delay: 5.496 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 390.41 Mbit/s
95th percentile per-packet one-way delay: 4.845 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 319.98 Mbit/s
95th percentile per-packet one-way delay: 4.536 ms
Loss rate: 0.22%
```

Run 7: Report of TCP BBR — Data Link

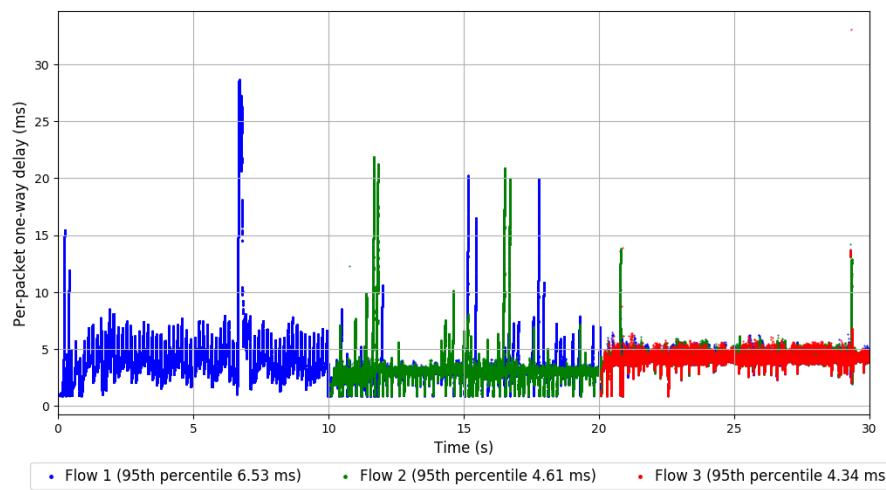
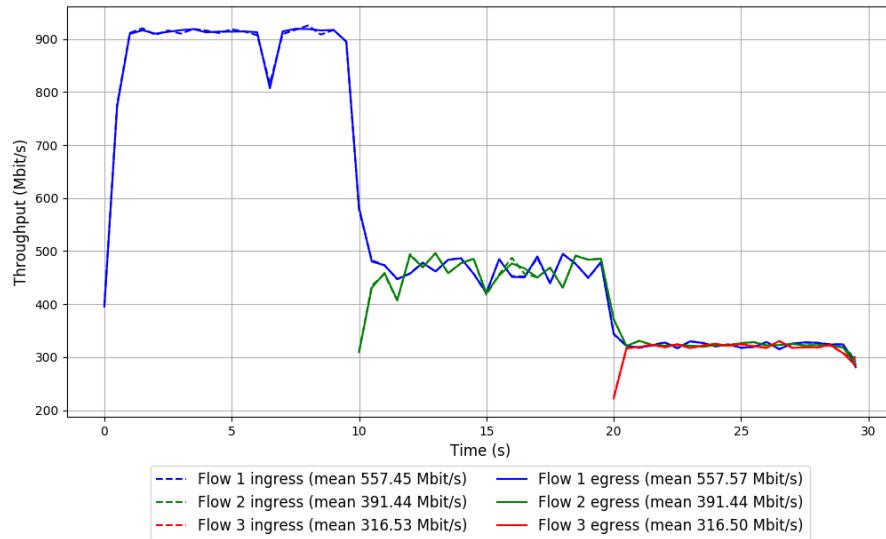


Run 8: Statistics of TCP BBR

```
Start at: 2018-02-13 16:52:38
End at: 2018-02-13 16:53:08
Local clock offset: 1.199 ms
Remote clock offset: -4.925 ms

# Below is generated by plot.py at 2018-02-13 23:43:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 922.58 Mbit/s
95th percentile per-packet one-way delay: 6.051 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 557.57 Mbit/s
95th percentile per-packet one-way delay: 6.529 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 391.44 Mbit/s
95th percentile per-packet one-way delay: 4.607 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 316.50 Mbit/s
95th percentile per-packet one-way delay: 4.344 ms
Loss rate: 0.22%
```

Run 8: Report of TCP BBR — Data Link

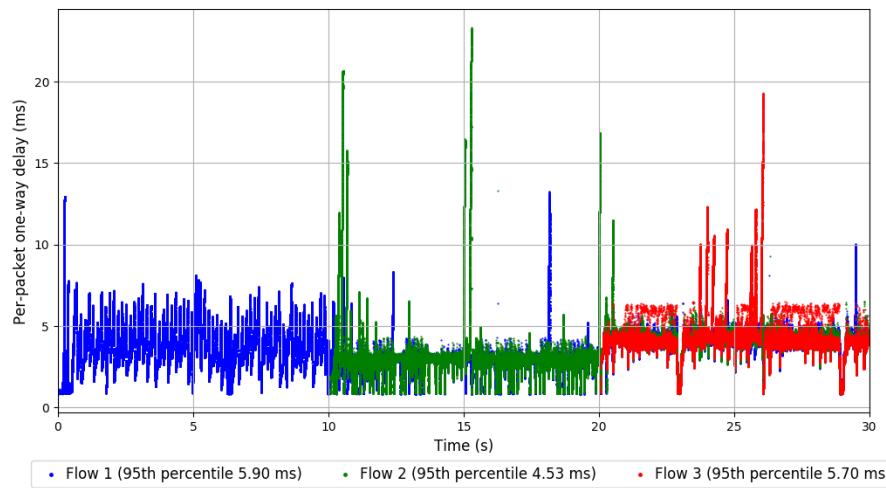
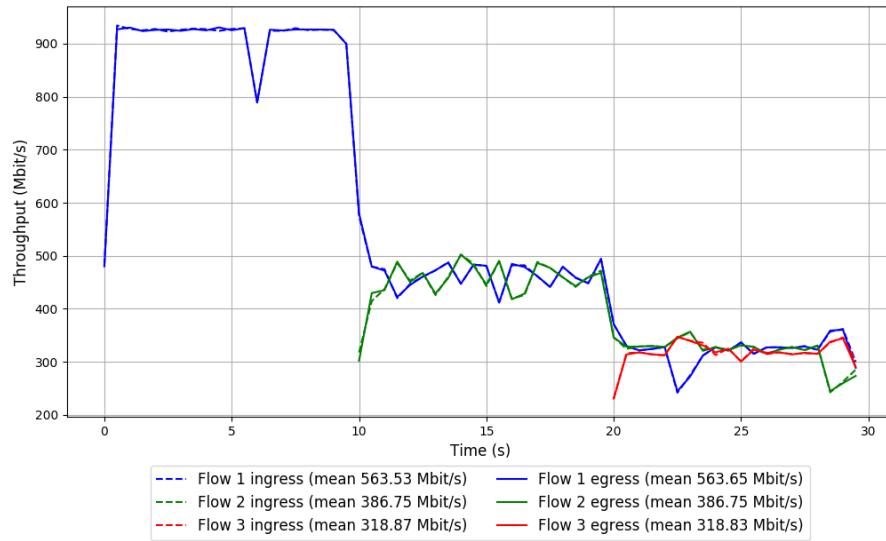


Run 9: Statistics of TCP BBR

```
Start at: 2018-02-13 17:21:32
End at: 2018-02-13 17:22:02
Local clock offset: 3.096 ms
Remote clock offset: -4.906 ms

# Below is generated by plot.py at 2018-02-13 23:55:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 926.56 Mbit/s
95th percentile per-packet one-way delay: 5.614 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 563.65 Mbit/s
95th percentile per-packet one-way delay: 5.899 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 386.75 Mbit/s
95th percentile per-packet one-way delay: 4.533 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 318.83 Mbit/s
95th percentile per-packet one-way delay: 5.697 ms
Loss rate: 0.22%
```

Run 9: Report of TCP BBR — Data Link

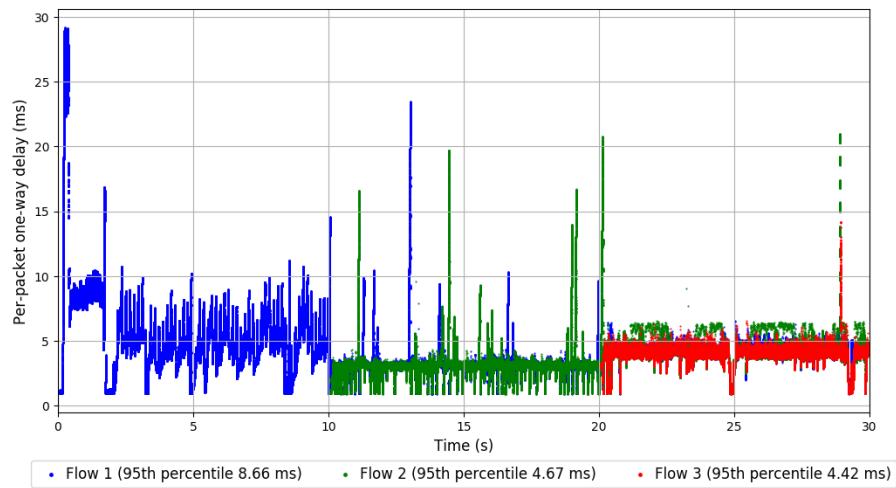
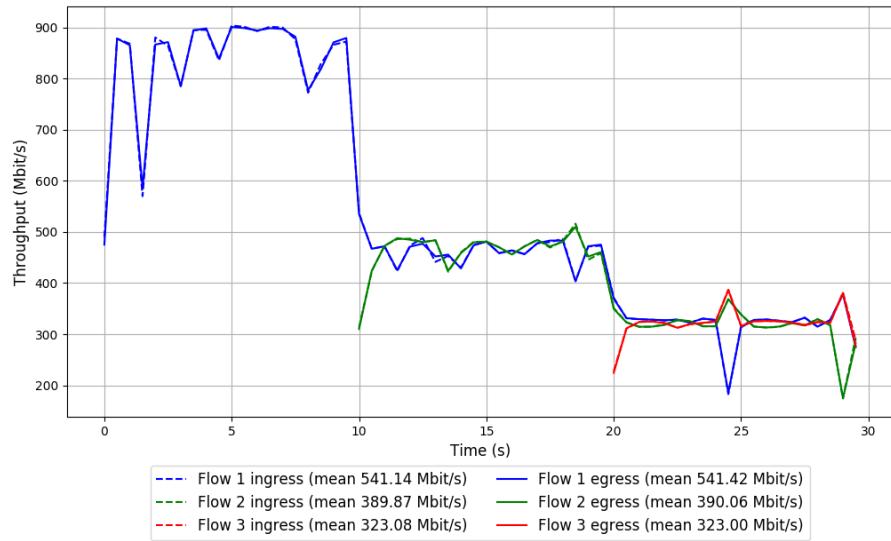


Run 10: Statistics of TCP BBR

```
Start at: 2018-02-13 17:50:34
End at: 2018-02-13 17:51:04
Local clock offset: 4.131 ms
Remote clock offset: -5.115 ms

# Below is generated by plot.py at 2018-02-13 23:55:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 907.99 Mbit/s
95th percentile per-packet one-way delay: 8.174 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 541.42 Mbit/s
95th percentile per-packet one-way delay: 8.665 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 390.06 Mbit/s
95th percentile per-packet one-way delay: 4.674 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 323.00 Mbit/s
95th percentile per-packet one-way delay: 4.421 ms
Loss rate: 0.23%
```

Run 10: Report of TCP BBR — Data Link

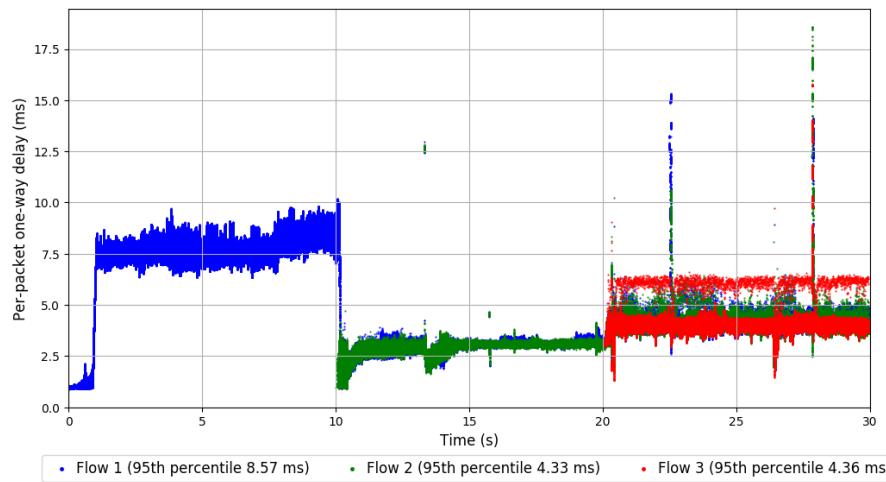
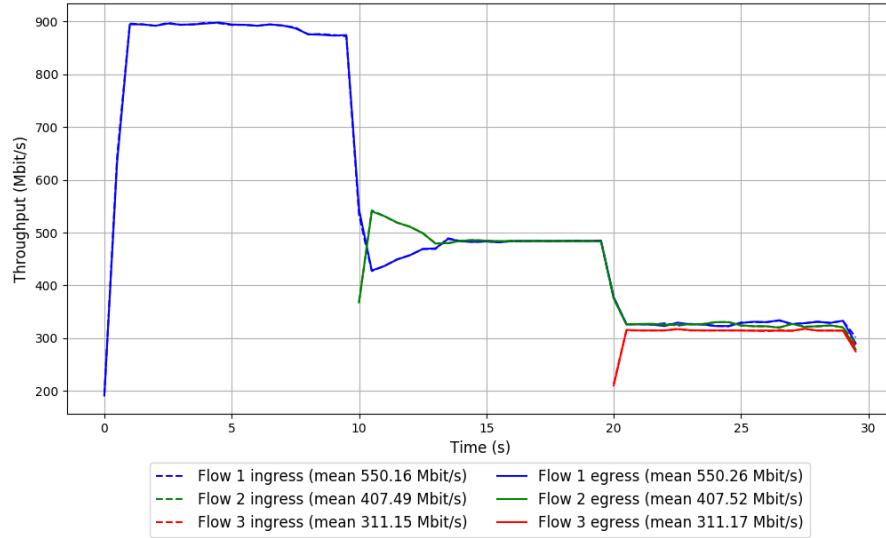


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2018-02-13 13:35:31
End at: 2018-02-13 13:36:01
Local clock offset: -0.117 ms
Remote clock offset: -6.818 ms

# Below is generated by plot.py at 2018-02-13 23:56:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 924.36 Mbit/s
95th percentile per-packet one-way delay: 8.367 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 550.26 Mbit/s
95th percentile per-packet one-way delay: 8.572 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 407.52 Mbit/s
95th percentile per-packet one-way delay: 4.333 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 311.17 Mbit/s
95th percentile per-packet one-way delay: 4.363 ms
Loss rate: 0.23%
```

Run 1: Report of TCP Cubic — Data Link

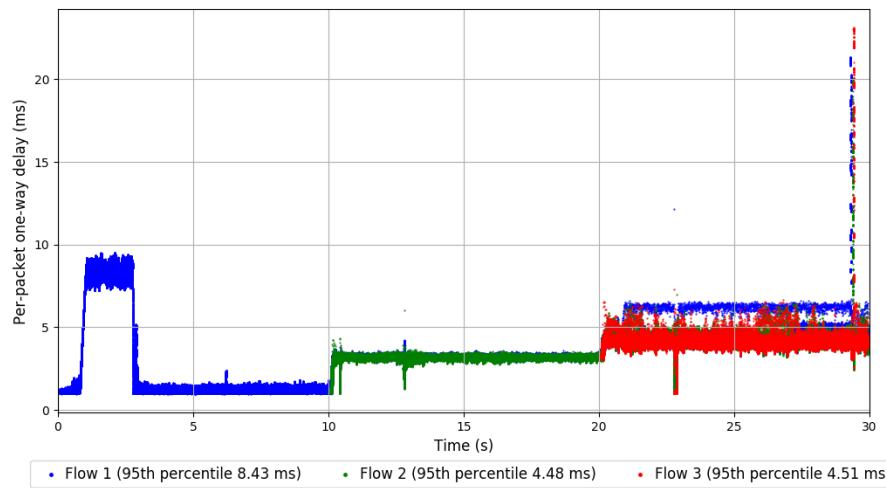
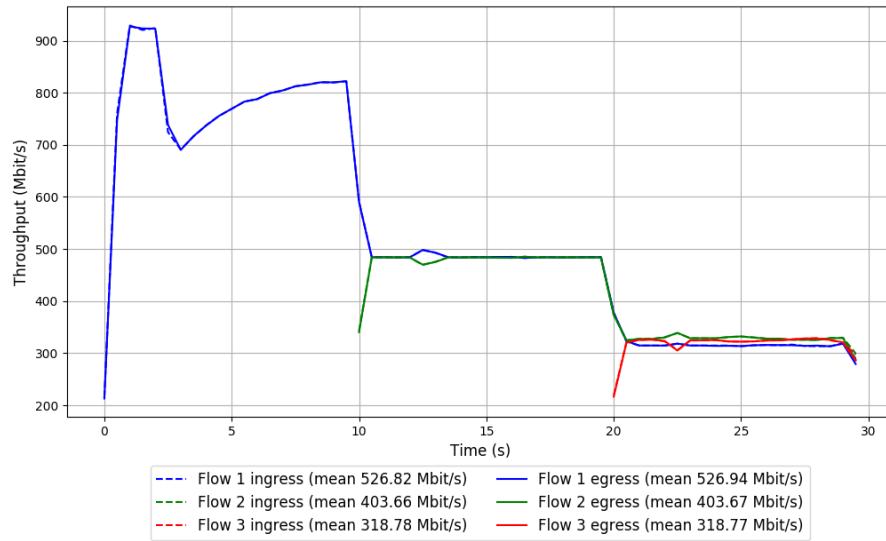


Run 2: Statistics of TCP Cubic

```
Start at: 2018-02-13 14:04:38
End at: 2018-02-13 14:05:08
Local clock offset: 0.128 ms
Remote clock offset: -5.725 ms

# Below is generated by plot.py at 2018-02-13 23:56:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 901.25 Mbit/s
95th percentile per-packet one-way delay: 7.878 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 526.94 Mbit/s
95th percentile per-packet one-way delay: 8.426 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 403.67 Mbit/s
95th percentile per-packet one-way delay: 4.484 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 318.77 Mbit/s
95th percentile per-packet one-way delay: 4.515 ms
Loss rate: 0.21%
```

Run 2: Report of TCP Cubic — Data Link

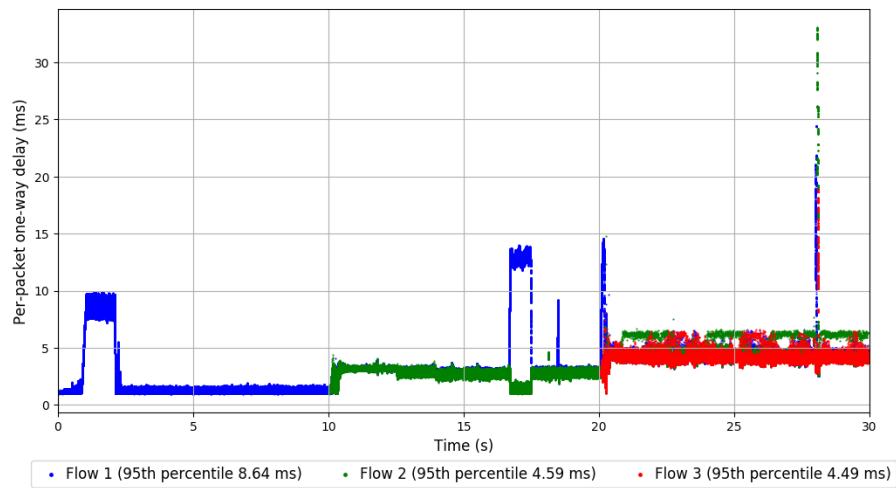
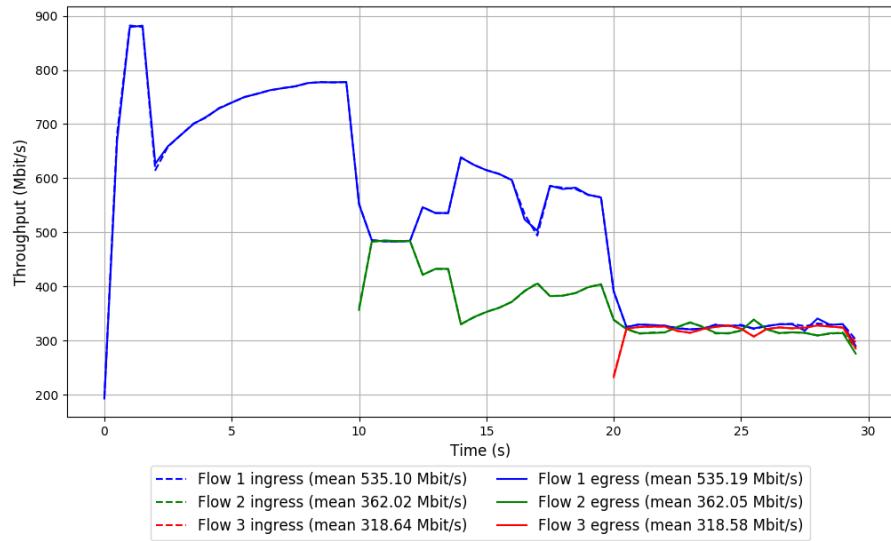


Run 3: Statistics of TCP Cubic

```
Start at: 2018-02-13 14:33:40
End at: 2018-02-13 14:34:10
Local clock offset: 0.323 ms
Remote clock offset: -5.105 ms

# Below is generated by plot.py at 2018-02-13 23:56:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 881.74 Mbit/s
95th percentile per-packet one-way delay: 7.916 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 535.19 Mbit/s
95th percentile per-packet one-way delay: 8.644 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 362.05 Mbit/s
95th percentile per-packet one-way delay: 4.587 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 318.58 Mbit/s
95th percentile per-packet one-way delay: 4.489 ms
Loss rate: 0.22%
```

Run 3: Report of TCP Cubic — Data Link

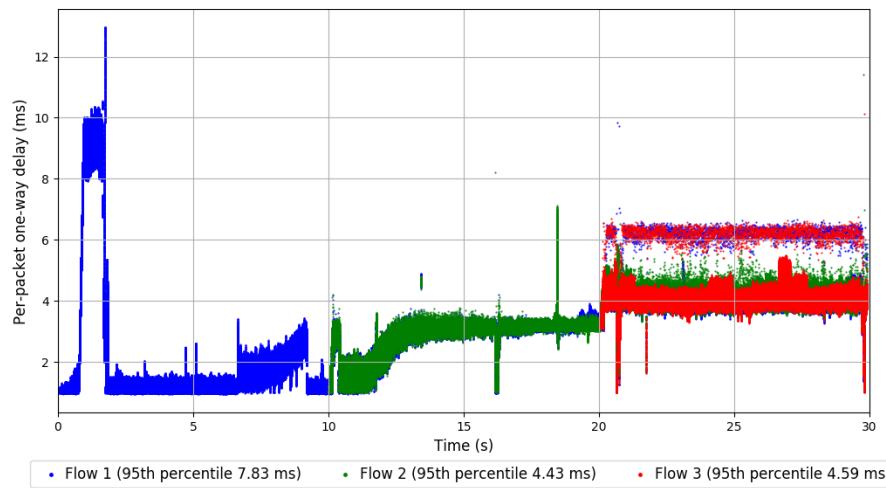
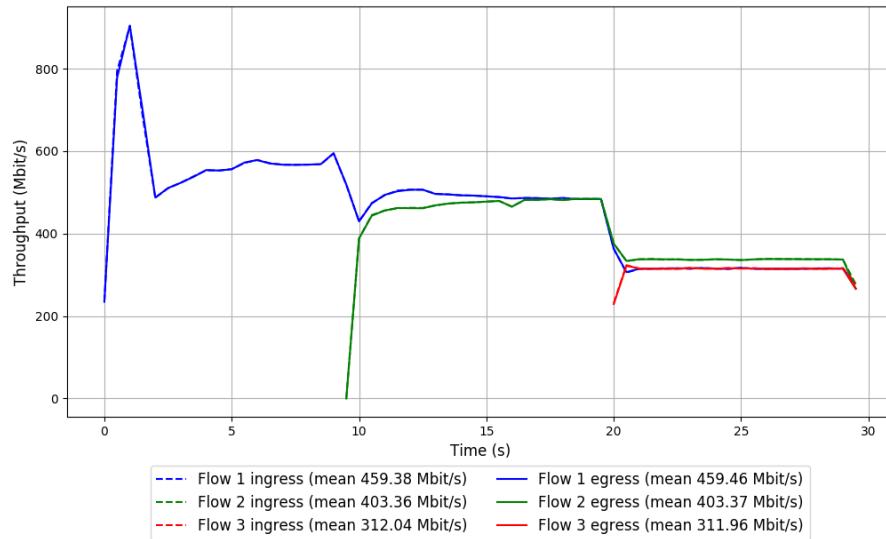


Run 4: Statistics of TCP Cubic

```
Start at: 2018-02-13 15:02:51
End at: 2018-02-13 15:03:21
Local clock offset: 0.521 ms
Remote clock offset: -5.557 ms

# Below is generated by plot.py at 2018-02-13 23:56:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 831.49 Mbit/s
95th percentile per-packet one-way delay: 4.526 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 459.46 Mbit/s
95th percentile per-packet one-way delay: 7.827 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 403.37 Mbit/s
95th percentile per-packet one-way delay: 4.429 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 311.96 Mbit/s
95th percentile per-packet one-way delay: 4.587 ms
Loss rate: 0.23%
```

Run 4: Report of TCP Cubic — Data Link

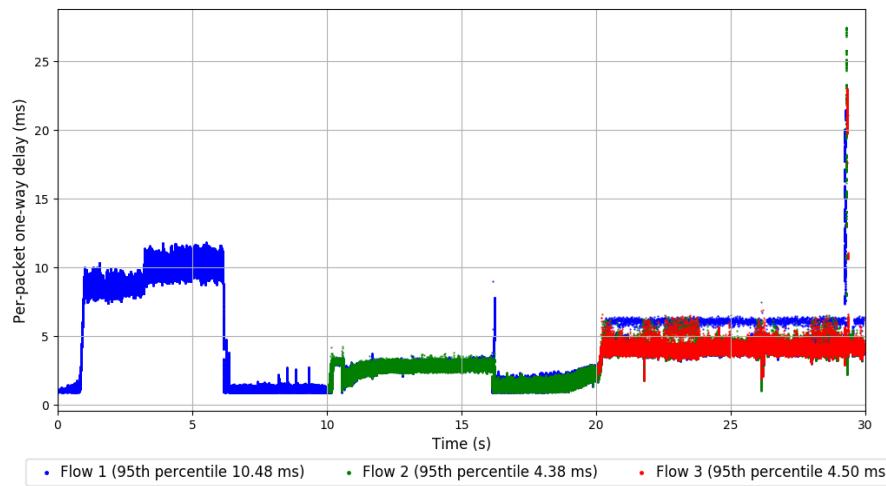
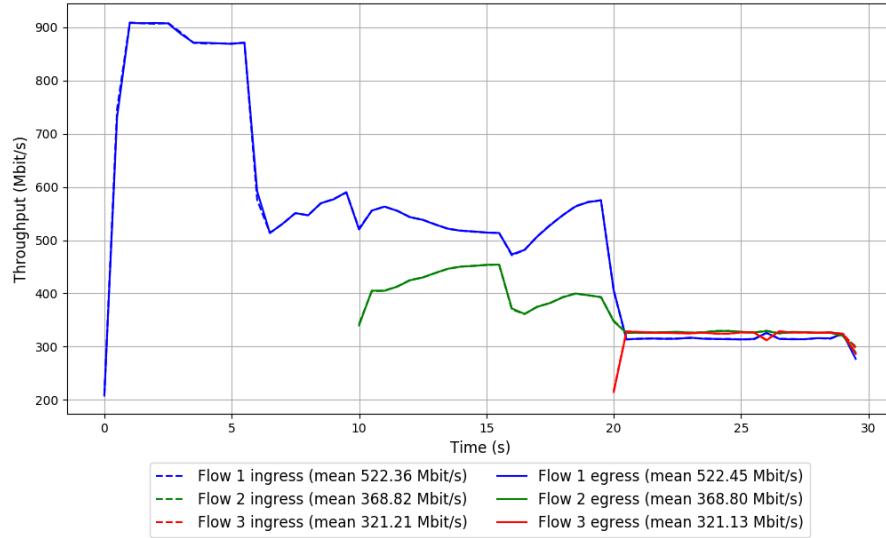


Run 5: Statistics of TCP Cubic

```
Start at: 2018-02-13 15:31:54
End at: 2018-02-13 15:32:24
Local clock offset: 0.282 ms
Remote clock offset: -6.314 ms

# Below is generated by plot.py at 2018-02-13 23:56:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 874.15 Mbit/s
95th percentile per-packet one-way delay: 10.035 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 522.45 Mbit/s
95th percentile per-packet one-way delay: 10.483 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 368.80 Mbit/s
95th percentile per-packet one-way delay: 4.382 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 321.13 Mbit/s
95th percentile per-packet one-way delay: 4.504 ms
Loss rate: 0.22%
```

Run 5: Report of TCP Cubic — Data Link

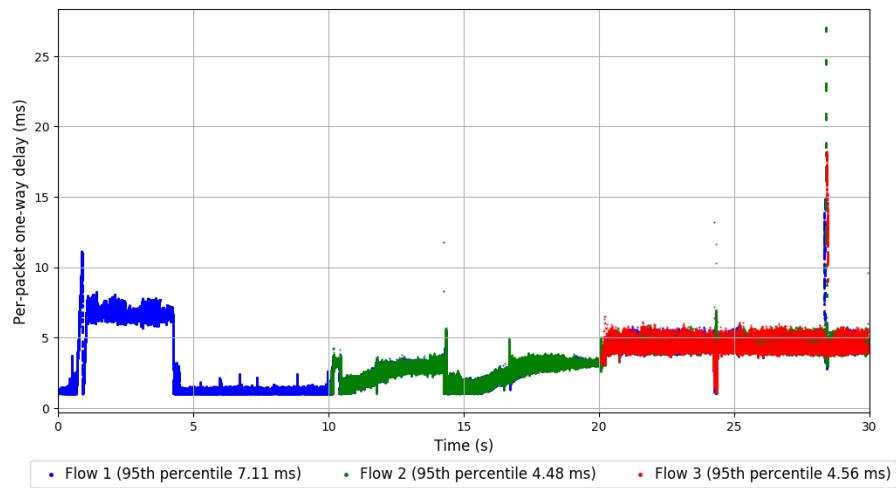
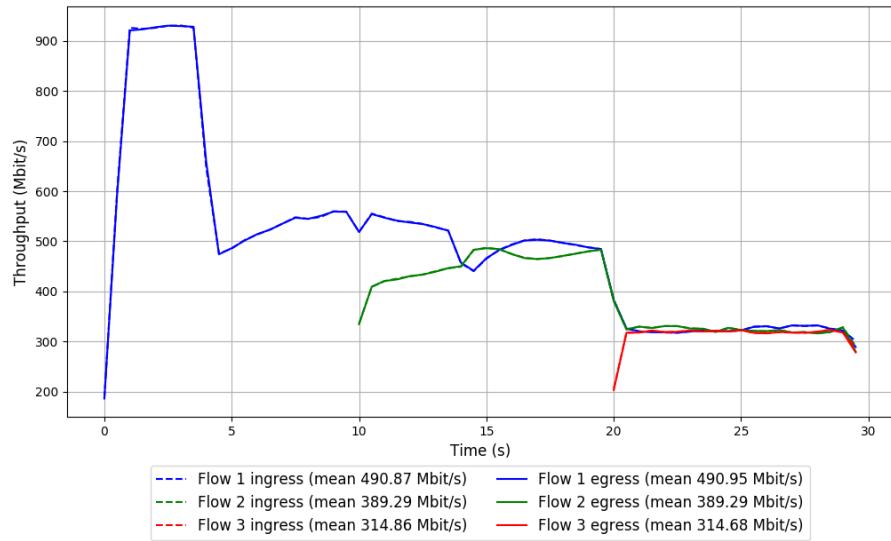


Run 6: Statistics of TCP Cubic

```
Start at: 2018-02-13 16:01:05
End at: 2018-02-13 16:01:35
Local clock offset: -0.179 ms
Remote clock offset: -7.12 ms

# Below is generated by plot.py at 2018-02-13 23:56:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 854.03 Mbit/s
95th percentile per-packet one-way delay: 6.797 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 490.95 Mbit/s
95th percentile per-packet one-way delay: 7.108 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 389.29 Mbit/s
95th percentile per-packet one-way delay: 4.479 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 314.68 Mbit/s
95th percentile per-packet one-way delay: 4.559 ms
Loss rate: 0.22%
```

Run 6: Report of TCP Cubic — Data Link

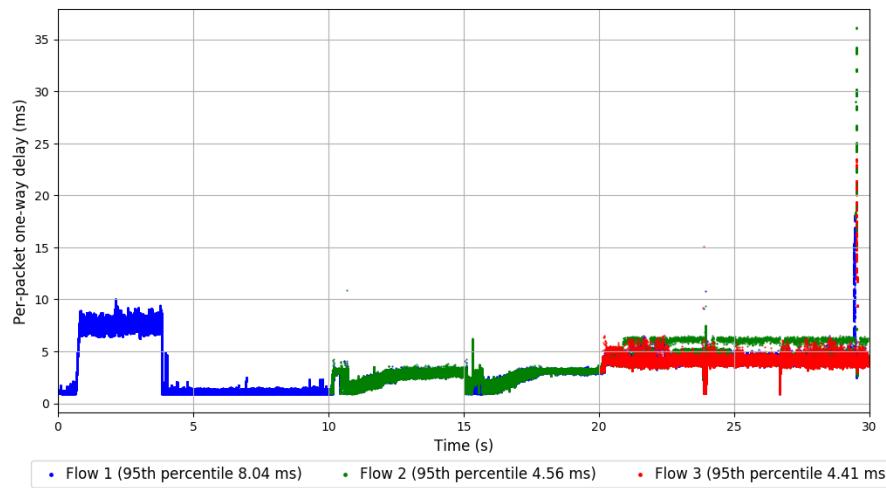
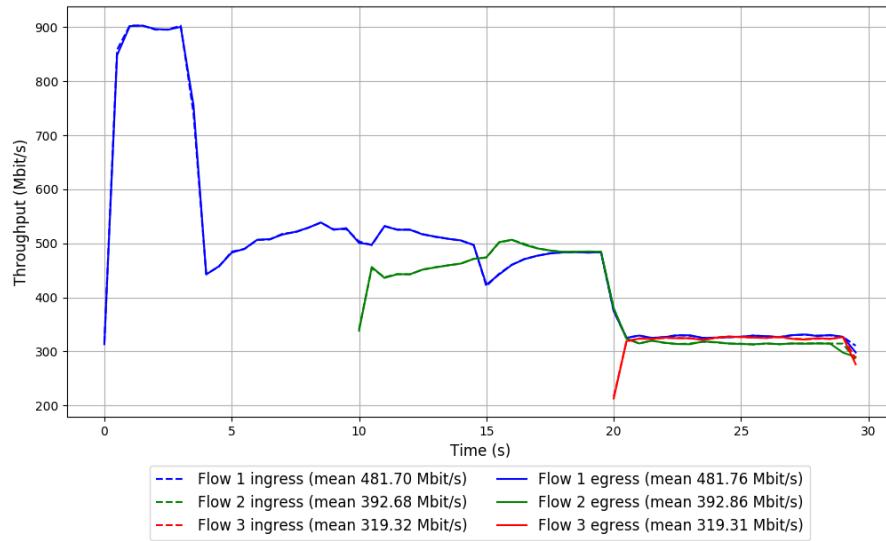


Run 7: Statistics of TCP Cubic

```
Start at: 2018-02-13 16:30:05
End at: 2018-02-13 16:30:35
Local clock offset: -0.492 ms
Remote clock offset: -6.984 ms

# Below is generated by plot.py at 2018-02-14 00:06:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 848.74 Mbit/s
95th percentile per-packet one-way delay: 7.692 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 481.76 Mbit/s
95th percentile per-packet one-way delay: 8.035 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 392.86 Mbit/s
95th percentile per-packet one-way delay: 4.563 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 319.31 Mbit/s
95th percentile per-packet one-way delay: 4.408 ms
Loss rate: 0.22%
```

Run 7: Report of TCP Cubic — Data Link

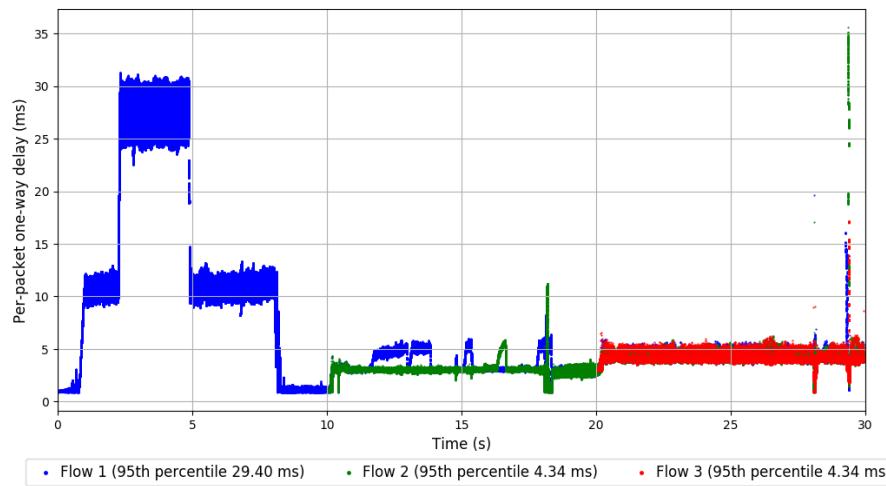
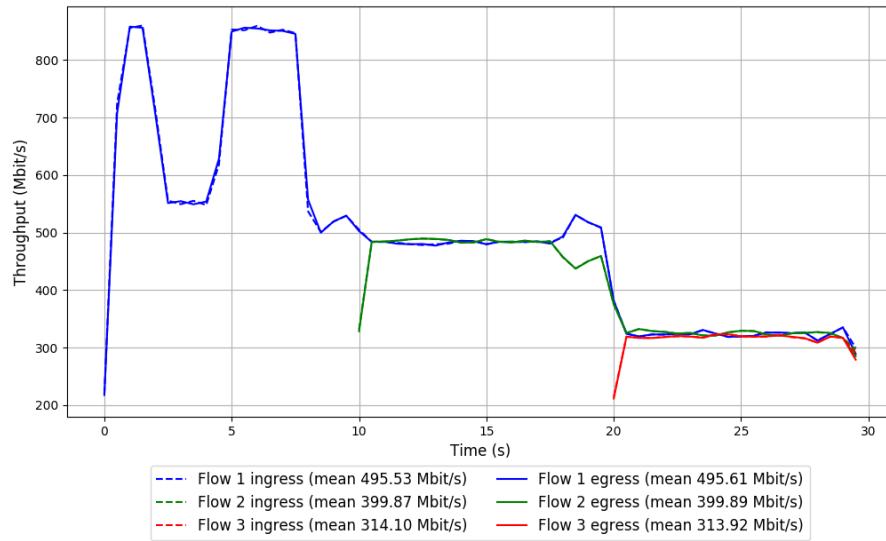


Run 8: Statistics of TCP Cubic

```
Start at: 2018-02-13 16:59:00
End at: 2018-02-13 16:59:30
Local clock offset: 1.931 ms
Remote clock offset: -4.513 ms

# Below is generated by plot.py at 2018-02-14 00:07:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 865.36 Mbit/s
95th percentile per-packet one-way delay: 25.544 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 495.61 Mbit/s
95th percentile per-packet one-way delay: 29.403 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 399.89 Mbit/s
95th percentile per-packet one-way delay: 4.344 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 313.92 Mbit/s
95th percentile per-packet one-way delay: 4.342 ms
Loss rate: 0.23%
```

Run 8: Report of TCP Cubic — Data Link

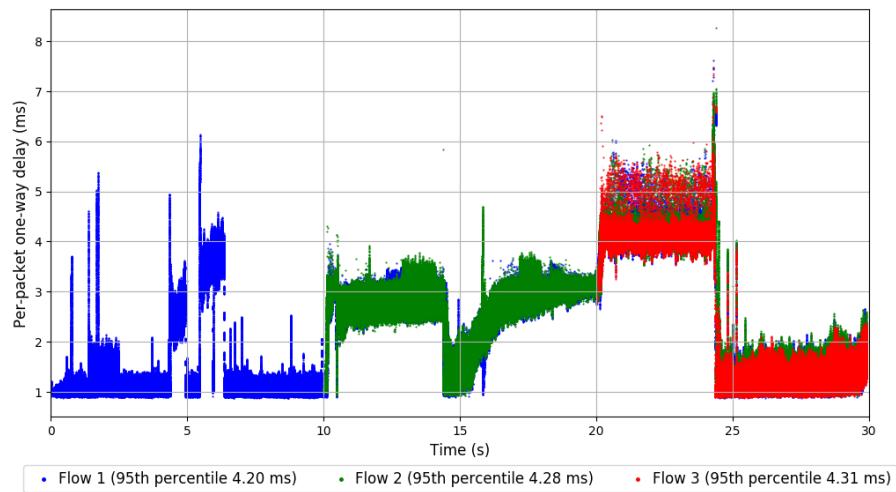
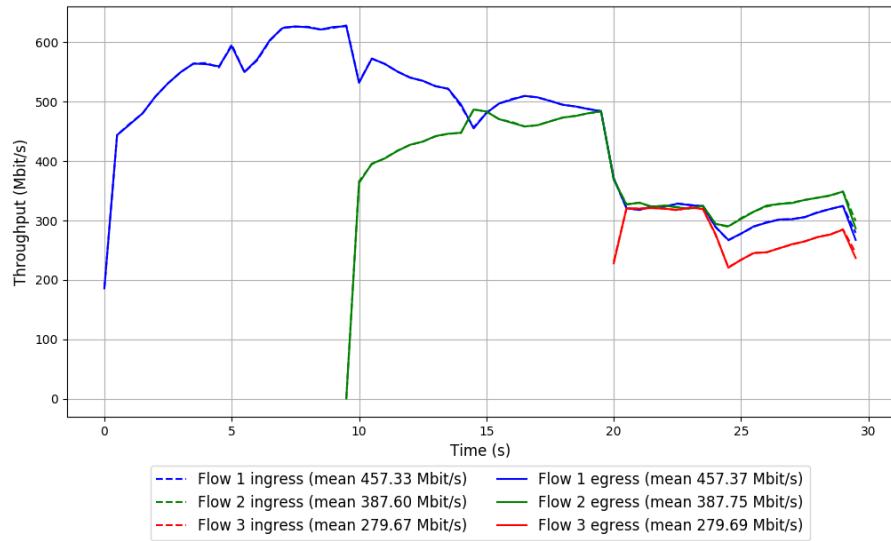


Run 9: Statistics of TCP Cubic

```
Start at: 2018-02-13 17:28:03
End at: 2018-02-13 17:28:33
Local clock offset: 3.327 ms
Remote clock offset: -4.956 ms

# Below is generated by plot.py at 2018-02-14 00:07:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 808.34 Mbit/s
95th percentile per-packet one-way delay: 4.259 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 457.37 Mbit/s
95th percentile per-packet one-way delay: 4.204 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 387.75 Mbit/s
95th percentile per-packet one-way delay: 4.284 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 279.69 Mbit/s
95th percentile per-packet one-way delay: 4.308 ms
Loss rate: 0.21%
```

Run 9: Report of TCP Cubic — Data Link

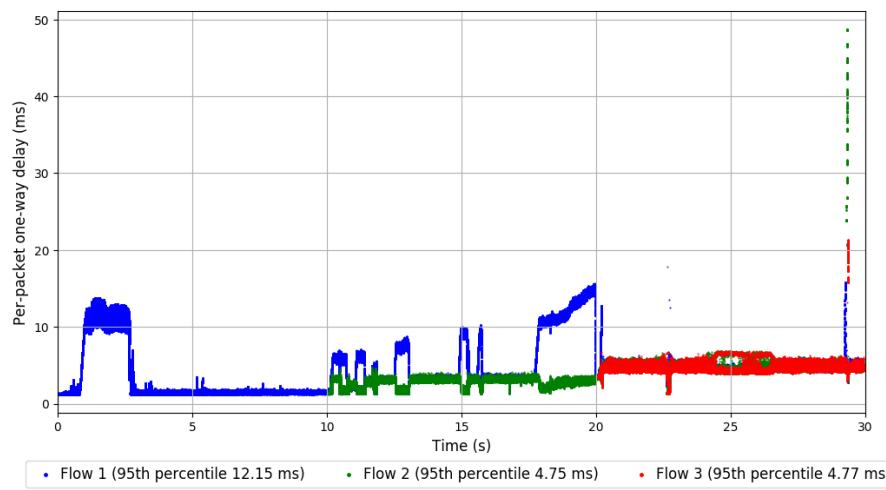
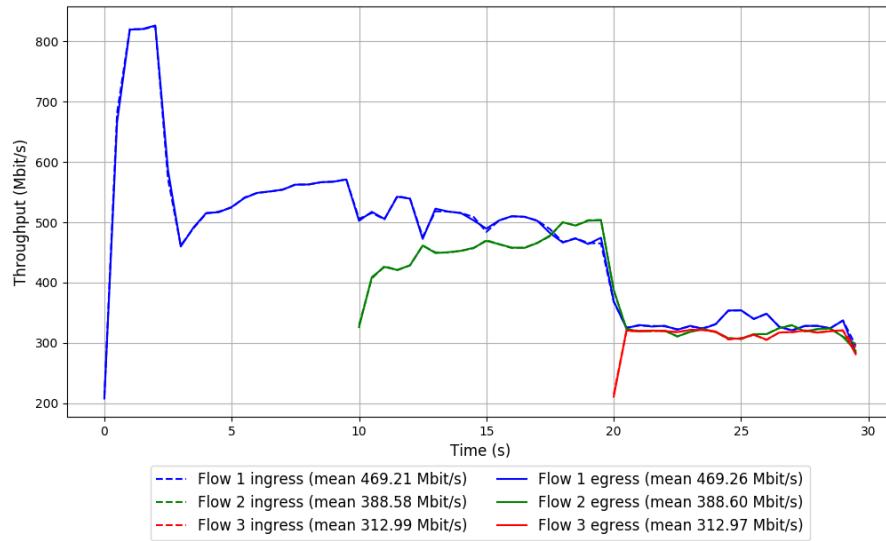


Run 10: Statistics of TCP Cubic

```
Start at: 2018-02-13 17:57:15
End at: 2018-02-13 17:57:45
Local clock offset: 2.495 ms
Remote clock offset: -5.206 ms

# Below is generated by plot.py at 2018-02-14 00:07:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 831.20 Mbit/s
95th percentile per-packet one-way delay: 11.247 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 469.26 Mbit/s
95th percentile per-packet one-way delay: 12.146 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 388.60 Mbit/s
95th percentile per-packet one-way delay: 4.749 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 312.97 Mbit/s
95th percentile per-packet one-way delay: 4.768 ms
Loss rate: 0.22%
```

Run 10: Report of TCP Cubic — Data Link

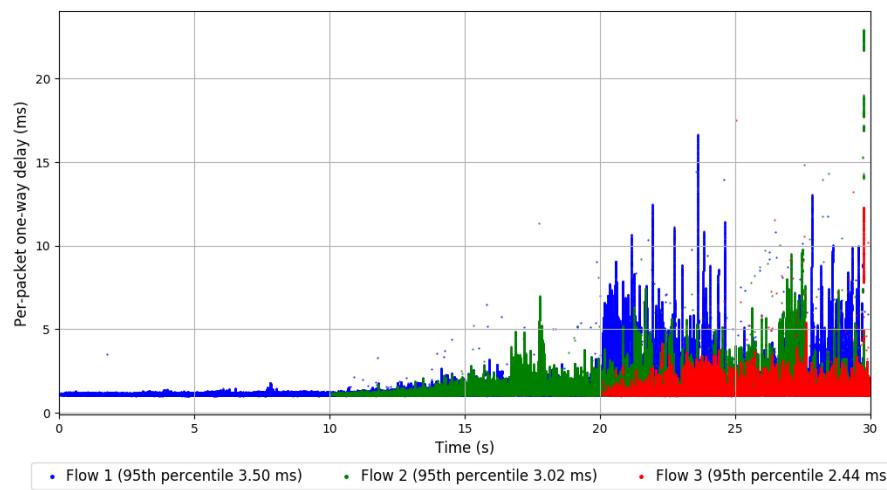
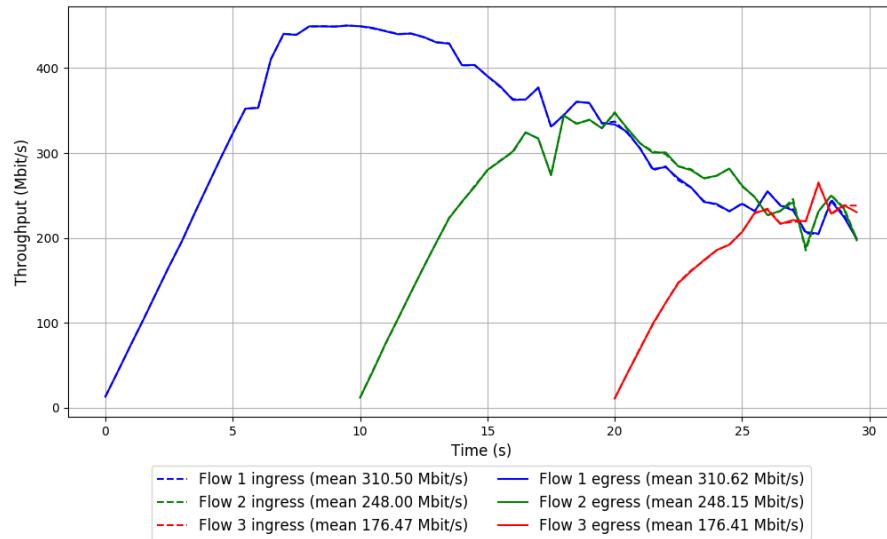


```
Run 1: Statistics of LEDBAT
```

```
Start at: 2018-02-13 13:53:04
End at: 2018-02-13 13:53:34
Local clock offset: -0.01 ms
Remote clock offset: -6.177 ms

# Below is generated by plot.py at 2018-02-14 00:07:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 533.95 Mbit/s
95th percentile per-packet one-way delay: 3.129 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 310.62 Mbit/s
95th percentile per-packet one-way delay: 3.500 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 248.15 Mbit/s
95th percentile per-packet one-way delay: 3.021 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 176.41 Mbit/s
95th percentile per-packet one-way delay: 2.440 ms
Loss rate: 0.22%
```

Run 1: Report of LEDBAT — Data Link

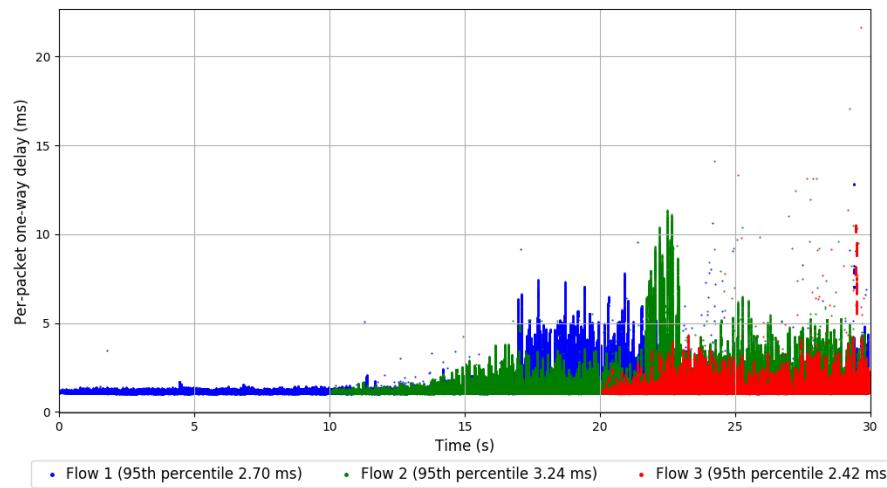
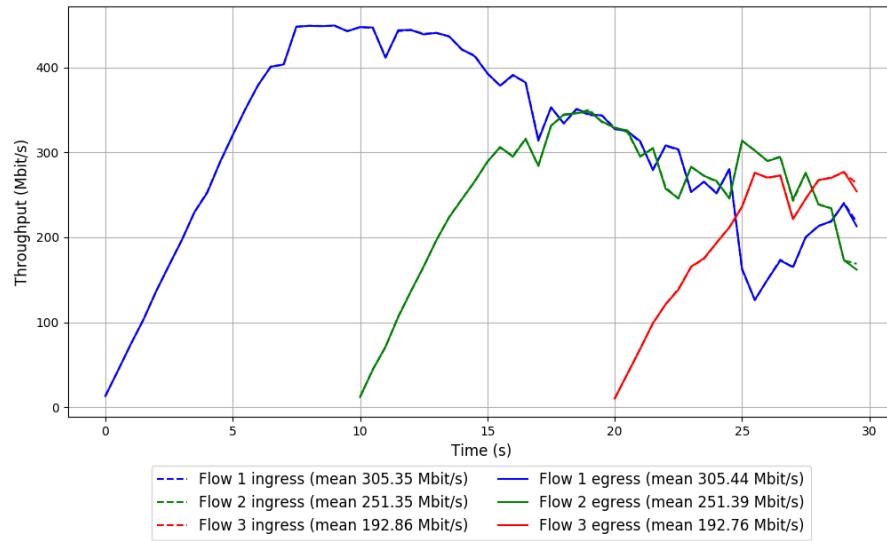


Run 2: Statistics of LEDBAT

```
Start at: 2018-02-13 14:22:04
End at: 2018-02-13 14:22:34
Local clock offset: 0.241 ms
Remote clock offset: -5.417 ms

# Below is generated by plot.py at 2018-02-14 00:07:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 536.29 Mbit/s
95th percentile per-packet one-way delay: 2.822 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 305.44 Mbit/s
95th percentile per-packet one-way delay: 2.696 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 251.39 Mbit/s
95th percentile per-packet one-way delay: 3.237 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 192.76 Mbit/s
95th percentile per-packet one-way delay: 2.420 ms
Loss rate: 0.24%
```

Run 2: Report of LEDBAT — Data Link

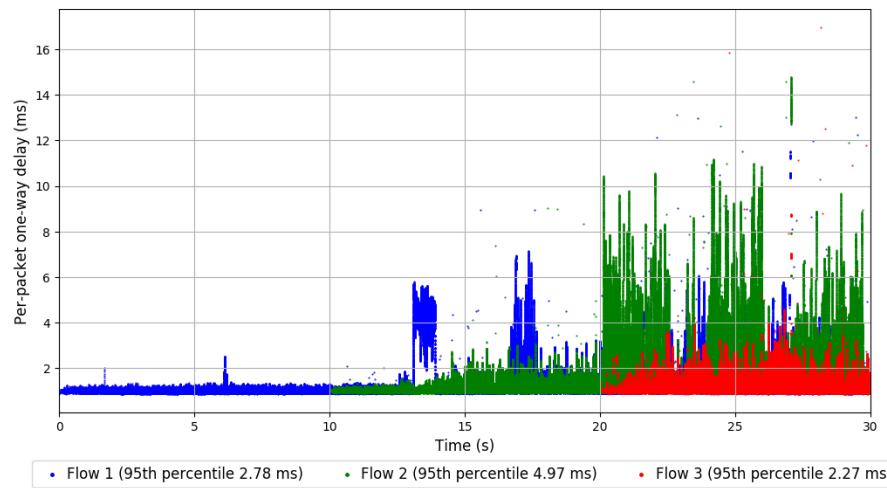
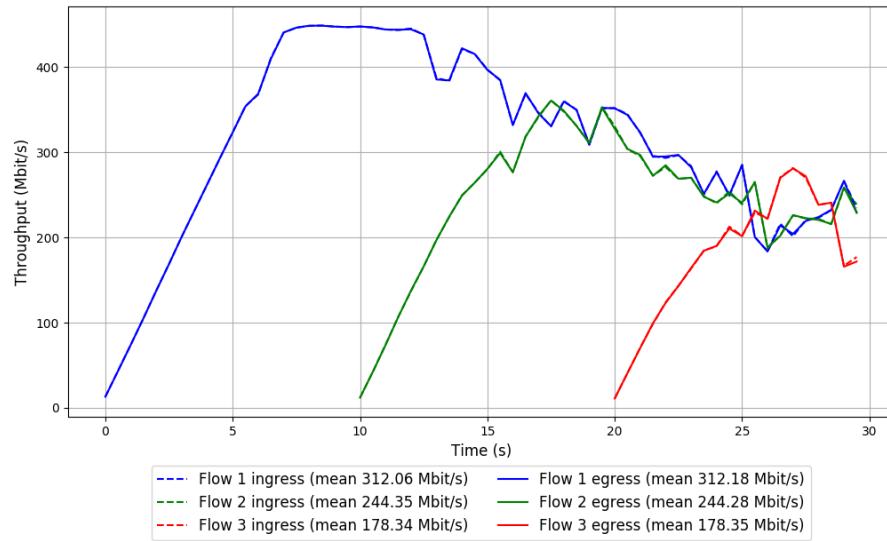


Run 3: Statistics of LEDBAT

```
Start at: 2018-02-13 14:51:14
End at: 2018-02-13 14:51:44
Local clock offset: 0.352 ms
Remote clock offset: -4.799 ms

# Below is generated by plot.py at 2018-02-14 00:07:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 533.54 Mbit/s
95th percentile per-packet one-way delay: 3.700 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 312.18 Mbit/s
95th percentile per-packet one-way delay: 2.777 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 244.28 Mbit/s
95th percentile per-packet one-way delay: 4.969 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 178.35 Mbit/s
95th percentile per-packet one-way delay: 2.267 ms
Loss rate: 0.18%
```

Run 3: Report of LEDBAT — Data Link

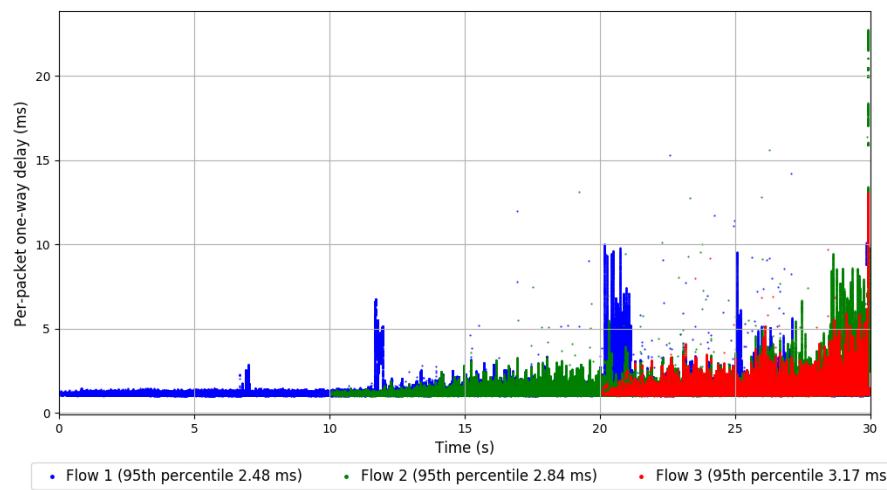
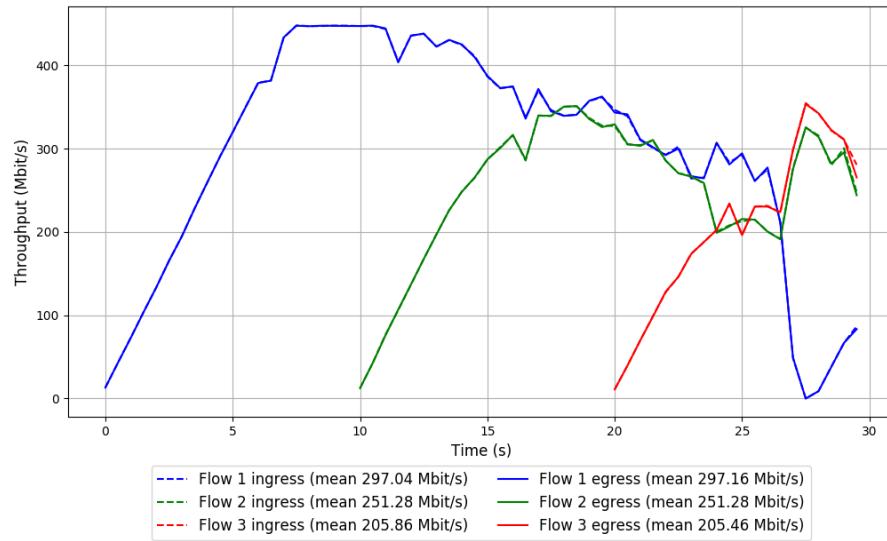


Run 4: Statistics of LEDBAT

```
Start at: 2018-02-13 15:20:23
End at: 2018-02-13 15:20:53
Local clock offset: 0.328 ms
Remote clock offset: -5.87 ms

# Below is generated by plot.py at 2018-02-14 00:07:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 532.16 Mbit/s
95th percentile per-packet one-way delay: 2.771 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 297.16 Mbit/s
95th percentile per-packet one-way delay: 2.481 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 251.28 Mbit/s
95th percentile per-packet one-way delay: 2.841 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 205.46 Mbit/s
95th percentile per-packet one-way delay: 3.166 ms
Loss rate: 0.37%
```

Run 4: Report of LEDBAT — Data Link

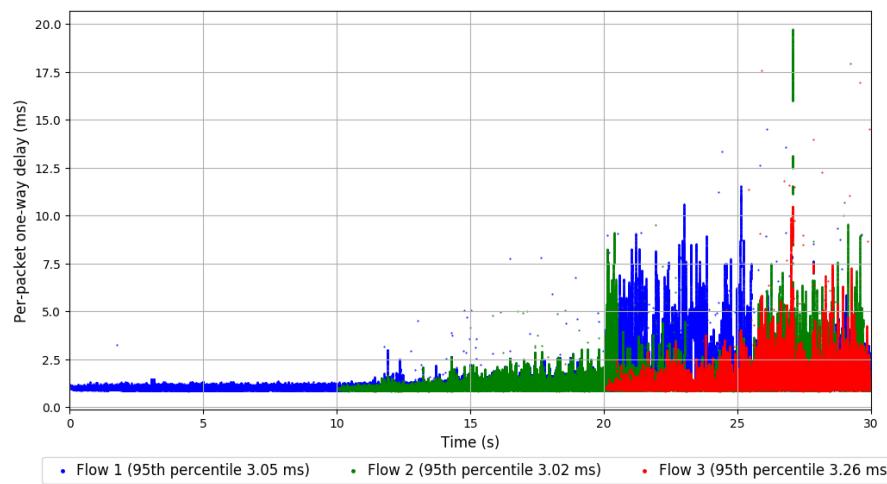
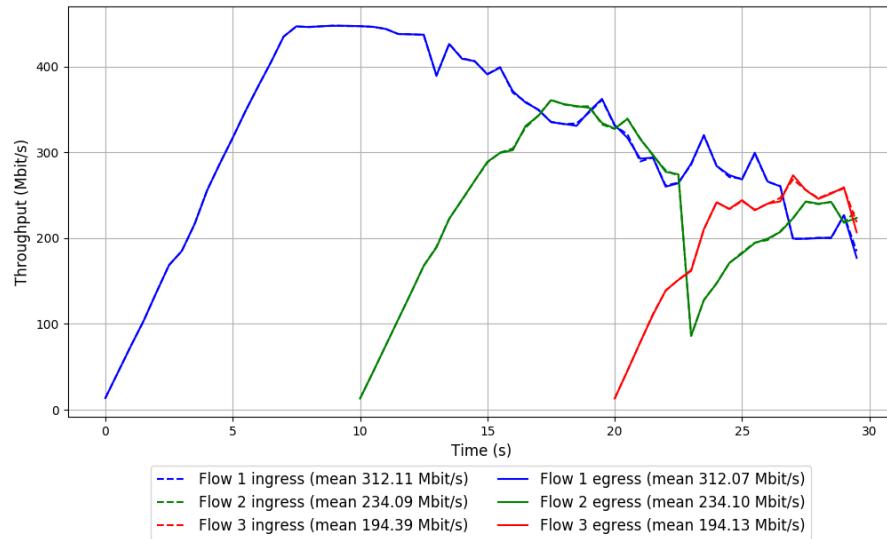


Run 5: Statistics of LEDBAT

```
Start at: 2018-02-13 15:49:26
End at: 2018-02-13 15:49:56
Local clock offset: -0.162 ms
Remote clock offset: -7.0 ms

# Below is generated by plot.py at 2018-02-14 00:10:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 531.88 Mbit/s
95th percentile per-packet one-way delay: 3.083 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 312.07 Mbit/s
95th percentile per-packet one-way delay: 3.046 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 234.10 Mbit/s
95th percentile per-packet one-way delay: 3.021 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 194.13 Mbit/s
95th percentile per-packet one-way delay: 3.256 ms
Loss rate: 0.32%
```

Run 5: Report of LEDBAT — Data Link

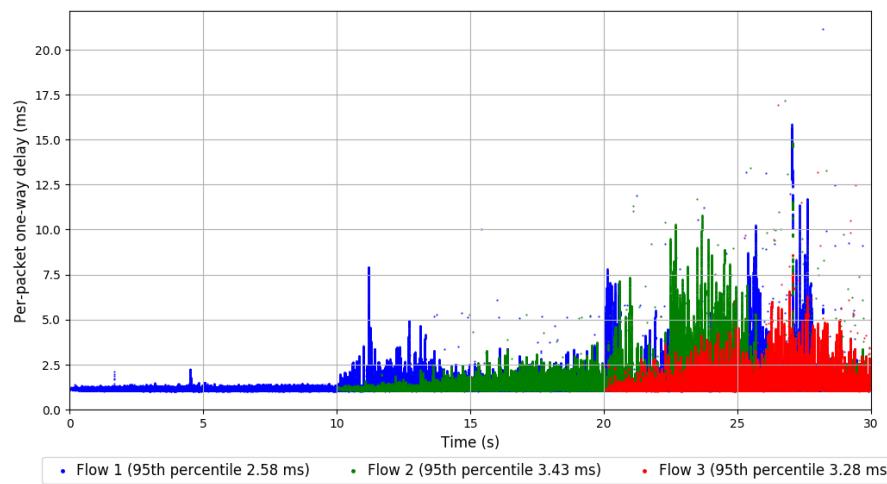
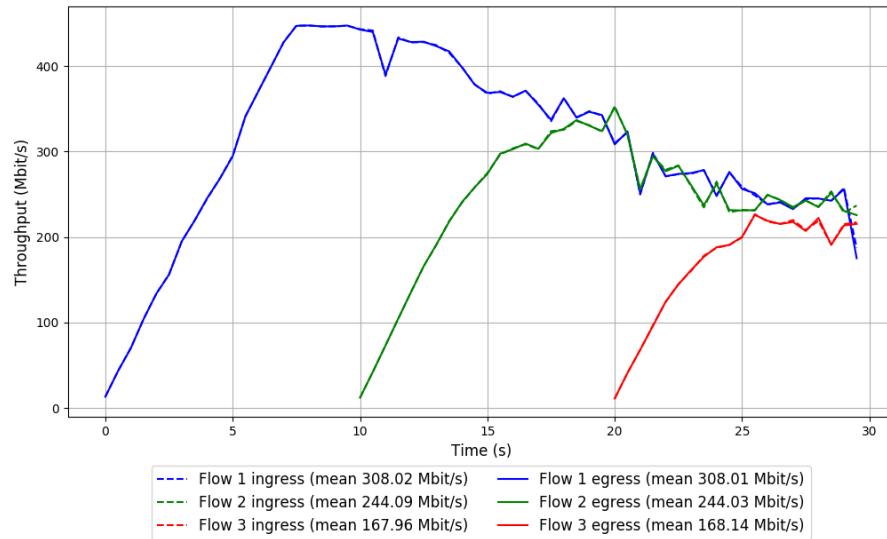


Run 6: Statistics of LEDBAT

```
Start at: 2018-02-13 16:18:38
End at: 2018-02-13 16:19:08
Local clock offset: -0.315 ms
Remote clock offset: -7.003 ms

# Below is generated by plot.py at 2018-02-14 00:10:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 525.84 Mbit/s
95th percentile per-packet one-way delay: 2.926 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 308.01 Mbit/s
95th percentile per-packet one-way delay: 2.585 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 244.03 Mbit/s
95th percentile per-packet one-way delay: 3.430 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 168.14 Mbit/s
95th percentile per-packet one-way delay: 3.281 ms
Loss rate: 0.10%
```

Run 6: Report of LEDBAT — Data Link

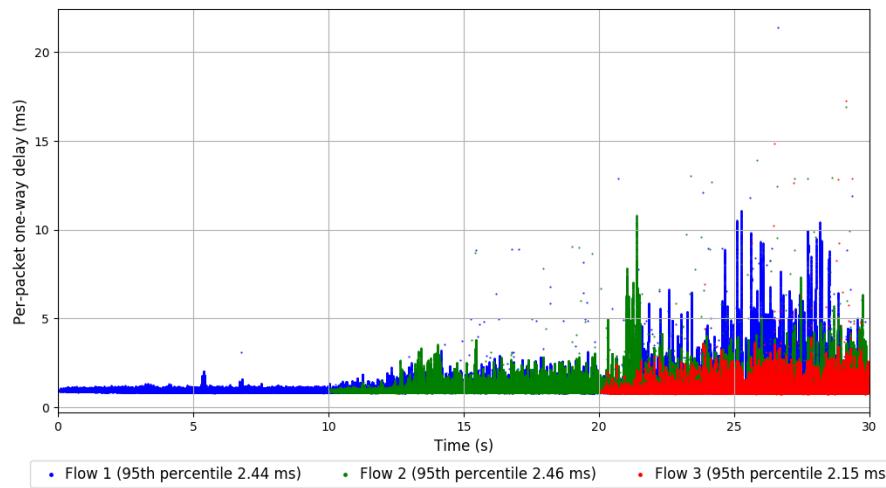
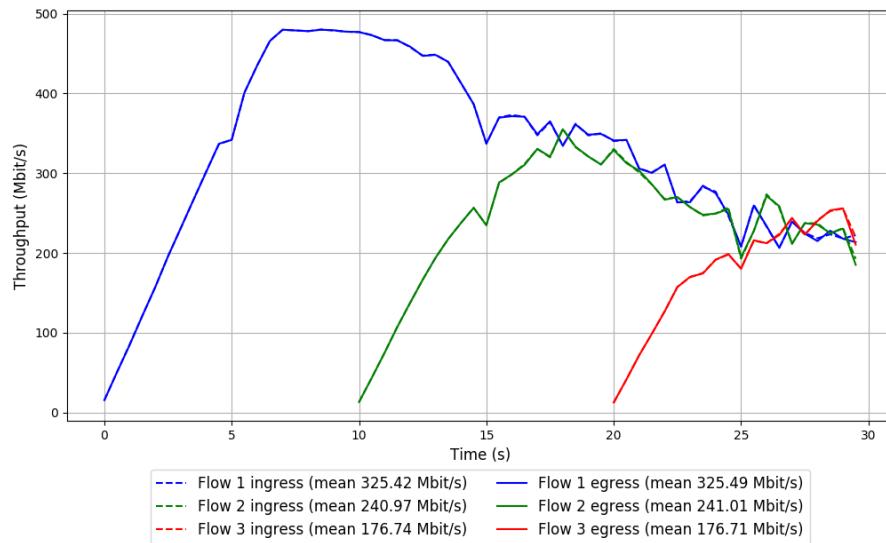


Run 7: Statistics of LEDBAT

```
Start at: 2018-02-13 16:47:33
End at: 2018-02-13 16:48:03
Local clock offset: 0.171 ms
Remote clock offset: -5.338 ms

# Below is generated by plot.py at 2018-02-14 00:11:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 544.32 Mbit/s
95th percentile per-packet one-way delay: 2.398 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 325.49 Mbit/s
95th percentile per-packet one-way delay: 2.445 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 241.01 Mbit/s
95th percentile per-packet one-way delay: 2.457 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 176.71 Mbit/s
95th percentile per-packet one-way delay: 2.149 ms
Loss rate: 0.26%
```

Run 7: Report of LEDBAT — Data Link

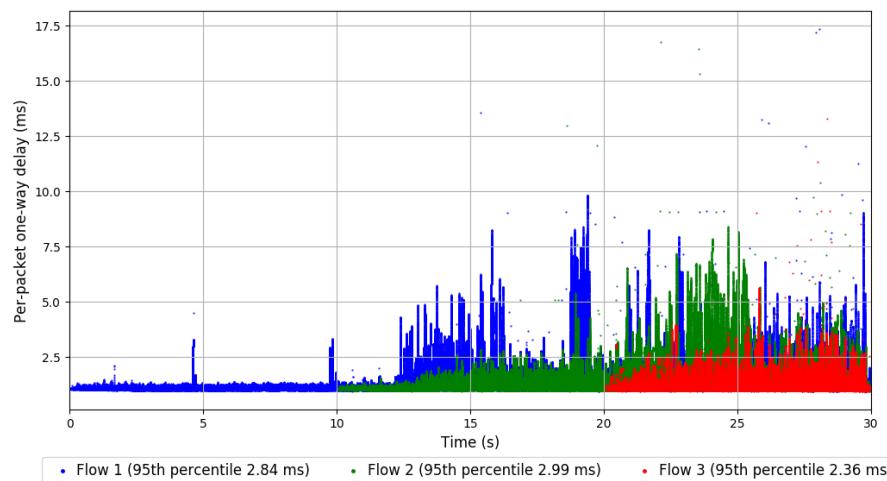
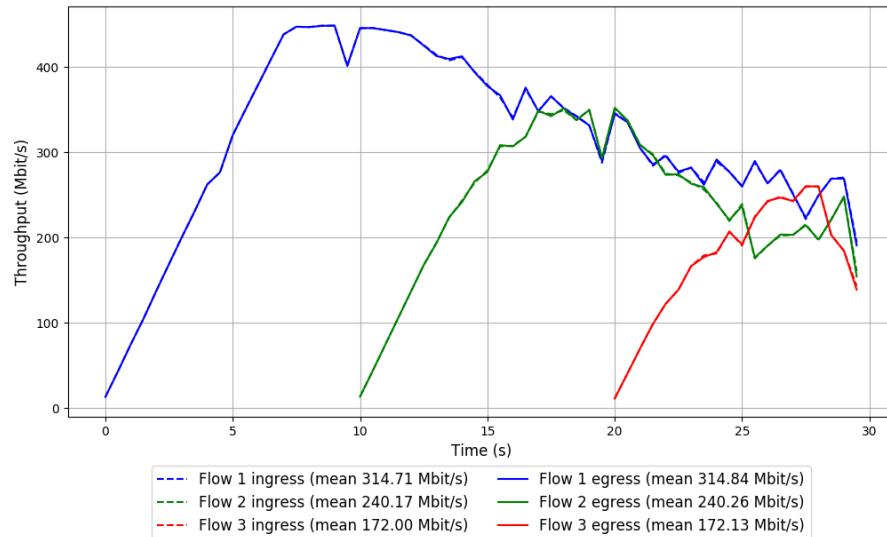


Run 8: Statistics of LEDBAT

```
Start at: 2018-02-13 17:16:28
End at: 2018-02-13 17:16:58
Local clock offset: 2.958 ms
Remote clock offset: -4.826 ms

# Below is generated by plot.py at 2018-02-14 00:11:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 531.59 Mbit/s
95th percentile per-packet one-way delay: 2.822 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 314.84 Mbit/s
95th percentile per-packet one-way delay: 2.843 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 240.26 Mbit/s
95th percentile per-packet one-way delay: 2.989 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 172.13 Mbit/s
95th percentile per-packet one-way delay: 2.360 ms
Loss rate: 0.12%
```

Run 8: Report of LEDBAT — Data Link

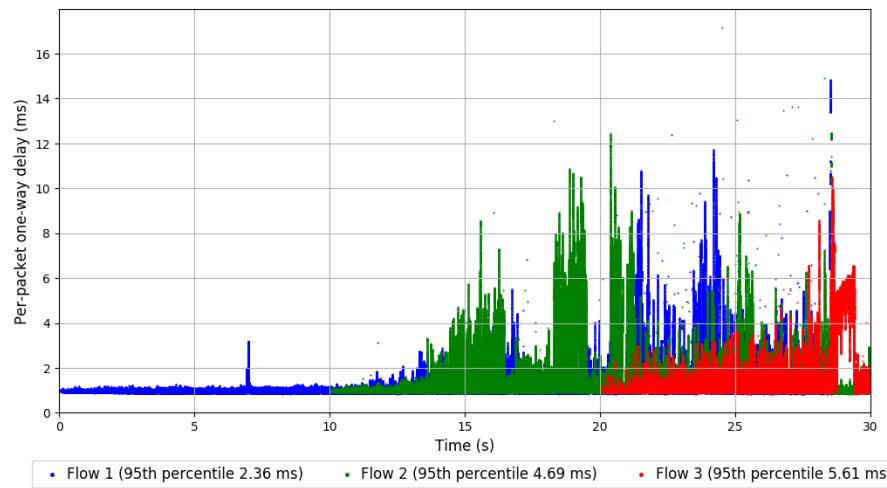
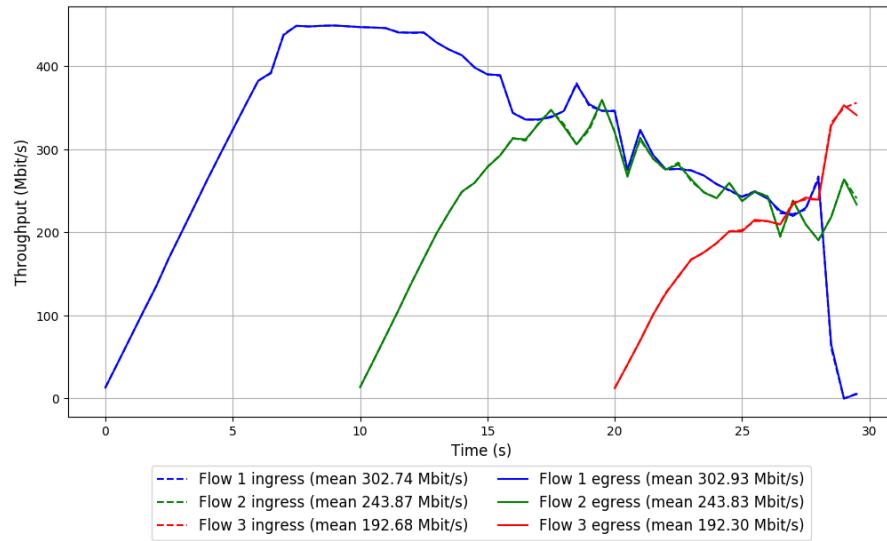


Run 9: Statistics of LEDBAT

```
Start at: 2018-02-13 17:45:31
End at: 2018-02-13 17:46:01
Local clock offset: 4.014 ms
Remote clock offset: -4.82 ms

# Below is generated by plot.py at 2018-02-14 00:13:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 528.61 Mbit/s
95th percentile per-packet one-way delay: 3.846 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 302.93 Mbit/s
95th percentile per-packet one-way delay: 2.360 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 243.83 Mbit/s
95th percentile per-packet one-way delay: 4.691 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 192.30 Mbit/s
95th percentile per-packet one-way delay: 5.607 ms
Loss rate: 0.40%
```

Run 9: Report of LEDBAT — Data Link

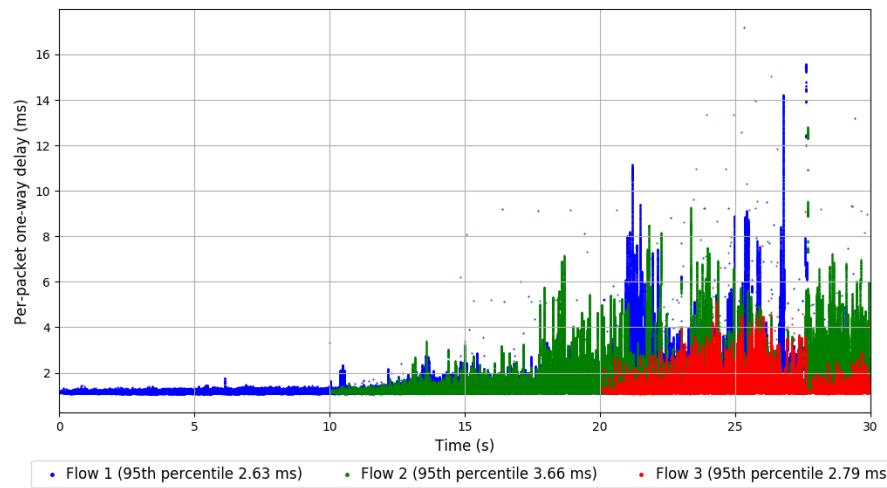
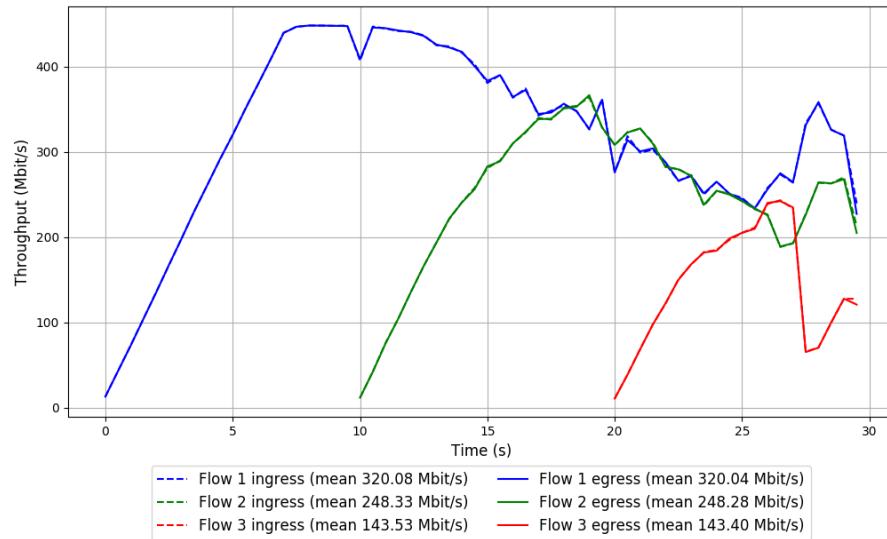


Run 10: Statistics of LEDBAT

```
Start at: 2018-02-13 18:14:47
End at: 2018-02-13 18:15:17
Local clock offset: -0.553 ms
Remote clock offset: -5.286 ms

# Below is generated by plot.py at 2018-02-14 00:14:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 532.55 Mbit/s
95th percentile per-packet one-way delay: 3.032 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 320.04 Mbit/s
95th percentile per-packet one-way delay: 2.628 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 248.28 Mbit/s
95th percentile per-packet one-way delay: 3.662 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 143.40 Mbit/s
95th percentile per-packet one-way delay: 2.786 ms
Loss rate: 0.24%
```

Run 10: Report of LEDBAT — Data Link

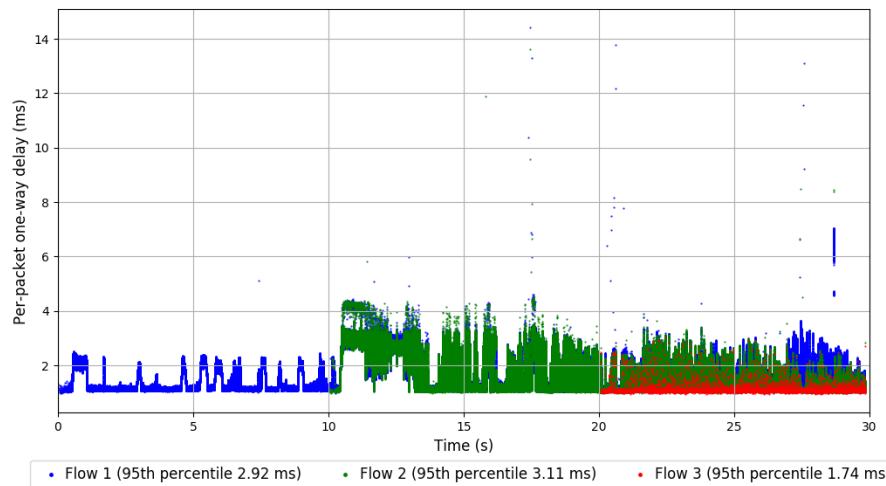
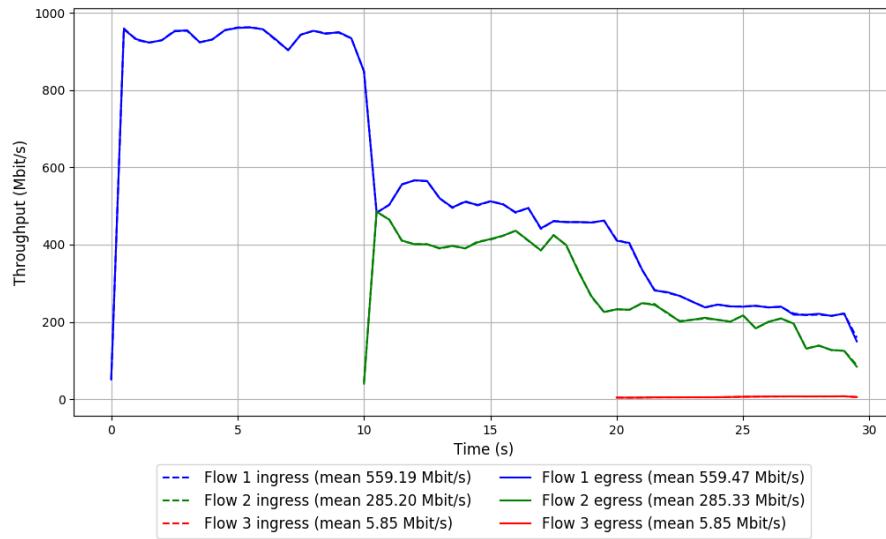


Run 1: Statistics of PCC

```
Start at: 2018-02-13 13:37:24
End at: 2018-02-13 13:37:54
Local clock offset: -0.011 ms
Remote clock offset: -6.801 ms

# Below is generated by plot.py at 2018-02-14 00:17:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 750.79 Mbit/s
95th percentile per-packet one-way delay: 3.007 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 559.47 Mbit/s
95th percentile per-packet one-way delay: 2.921 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 285.33 Mbit/s
95th percentile per-packet one-way delay: 3.108 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 5.85 Mbit/s
95th percentile per-packet one-way delay: 1.735 ms
Loss rate: 0.23%
```

Run 1: Report of PCC — Data Link

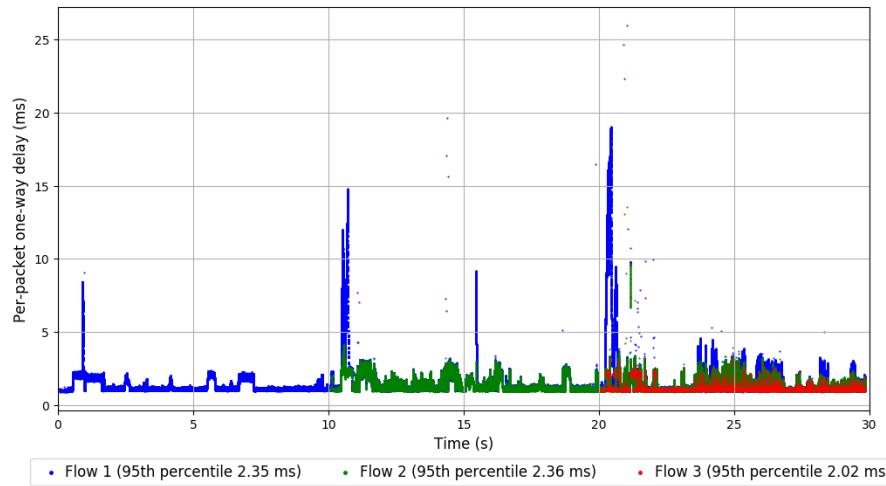
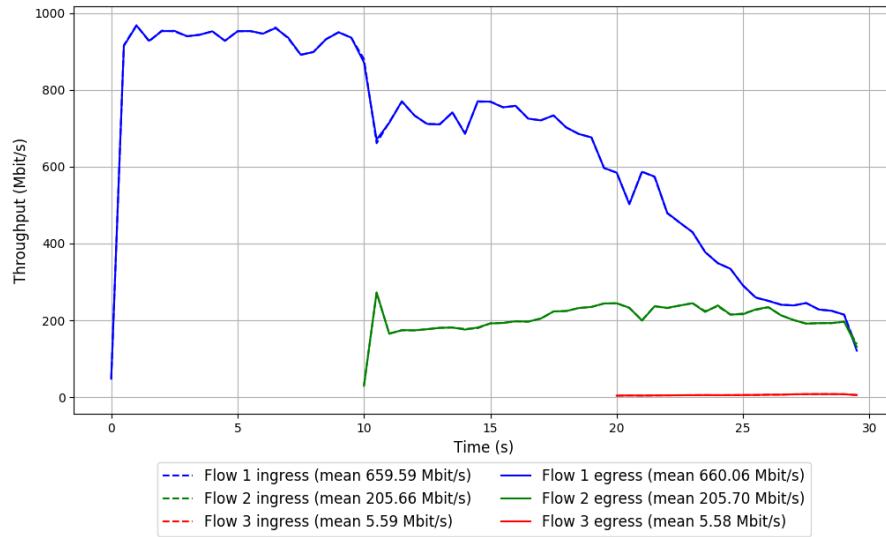


Run 2: Statistics of PCC

```
Start at: 2018-02-13 14:06:30
End at: 2018-02-13 14:07:00
Local clock offset: 0.119 ms
Remote clock offset: -5.674 ms

# Below is generated by plot.py at 2018-02-14 00:17:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 798.21 Mbit/s
95th percentile per-packet one-way delay: 2.350 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 660.06 Mbit/s
95th percentile per-packet one-way delay: 2.346 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 205.70 Mbit/s
95th percentile per-packet one-way delay: 2.362 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 5.58 Mbit/s
95th percentile per-packet one-way delay: 2.018 ms
Loss rate: 0.24%
```

Run 2: Report of PCC — Data Link

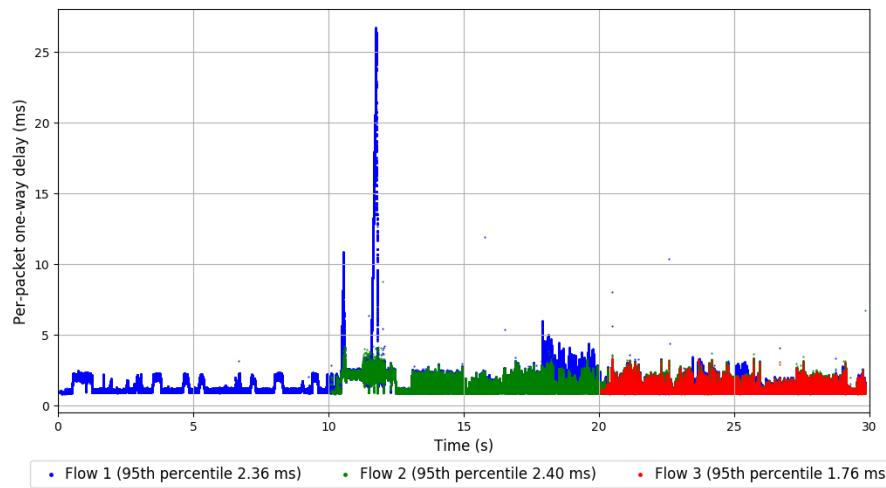
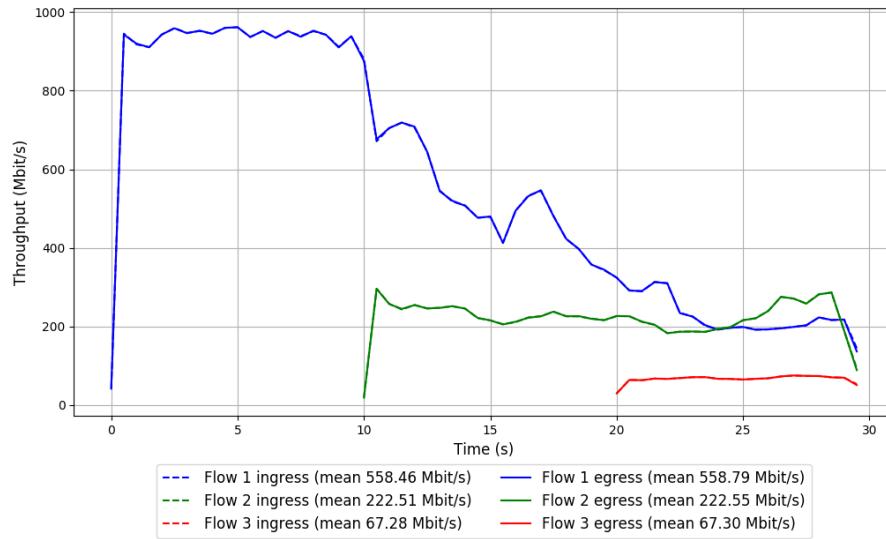


Run 3: Statistics of PCC

```
Start at: 2018-02-13 14:35:31
End at: 2018-02-13 14:36:01
Local clock offset: 0.242 ms
Remote clock offset: -5.039 ms

# Below is generated by plot.py at 2018-02-14 00:21:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 728.43 Mbit/s
95th percentile per-packet one-way delay: 2.363 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 558.79 Mbit/s
95th percentile per-packet one-way delay: 2.363 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 222.55 Mbit/s
95th percentile per-packet one-way delay: 2.397 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 67.30 Mbit/s
95th percentile per-packet one-way delay: 1.759 ms
Loss rate: 0.21%
```

Run 3: Report of PCC — Data Link

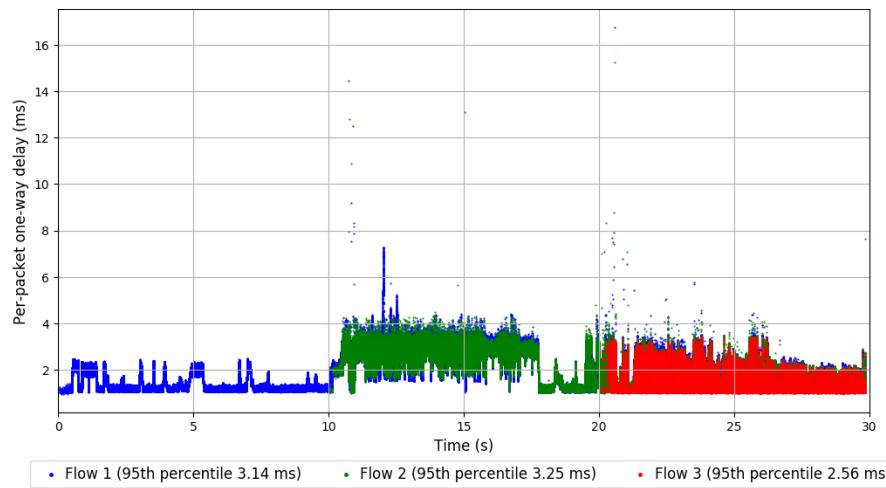
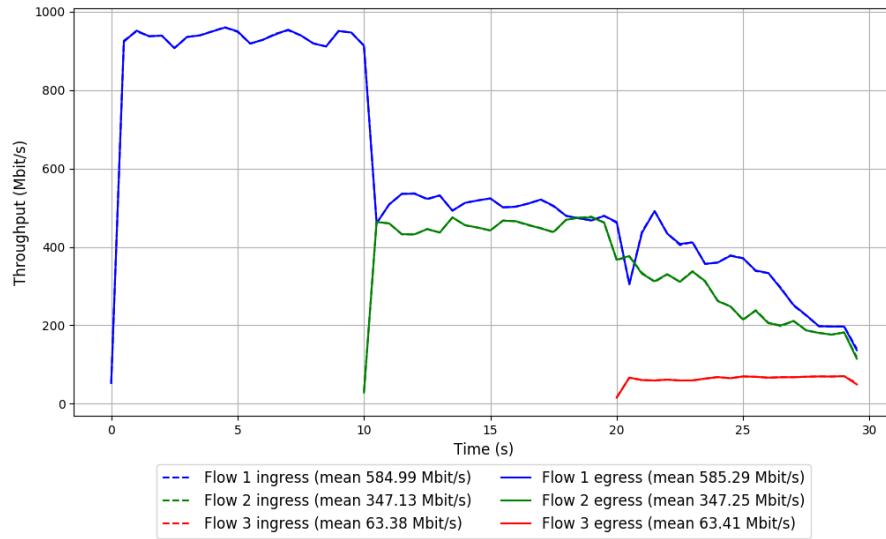


Run 4: Statistics of PCC

```
Start at: 2018-02-13 15:04:39
End at: 2018-02-13 15:05:09
Local clock offset: 0.46 ms
Remote clock offset: -5.667 ms

# Below is generated by plot.py at 2018-02-14 00:22:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 836.75 Mbit/s
95th percentile per-packet one-way delay: 3.186 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 585.29 Mbit/s
95th percentile per-packet one-way delay: 3.138 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 347.25 Mbit/s
95th percentile per-packet one-way delay: 3.251 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 63.41 Mbit/s
95th percentile per-packet one-way delay: 2.555 ms
Loss rate: 0.24%
```

Run 4: Report of PCC — Data Link

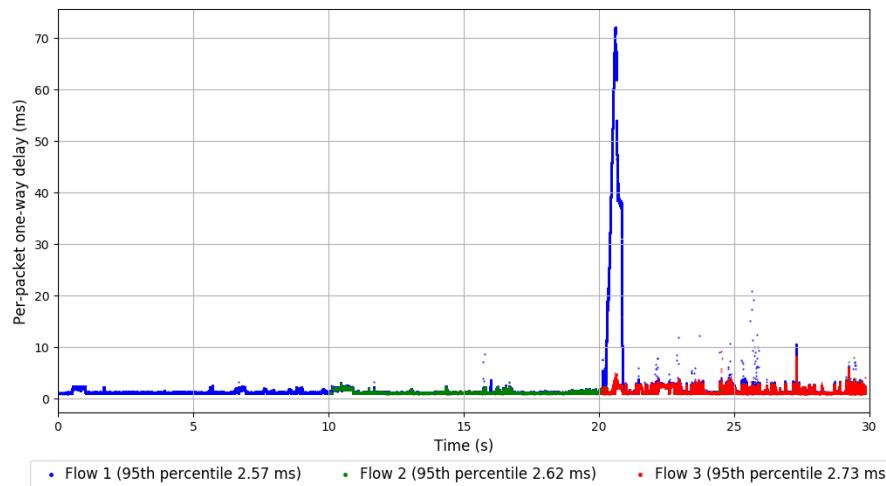
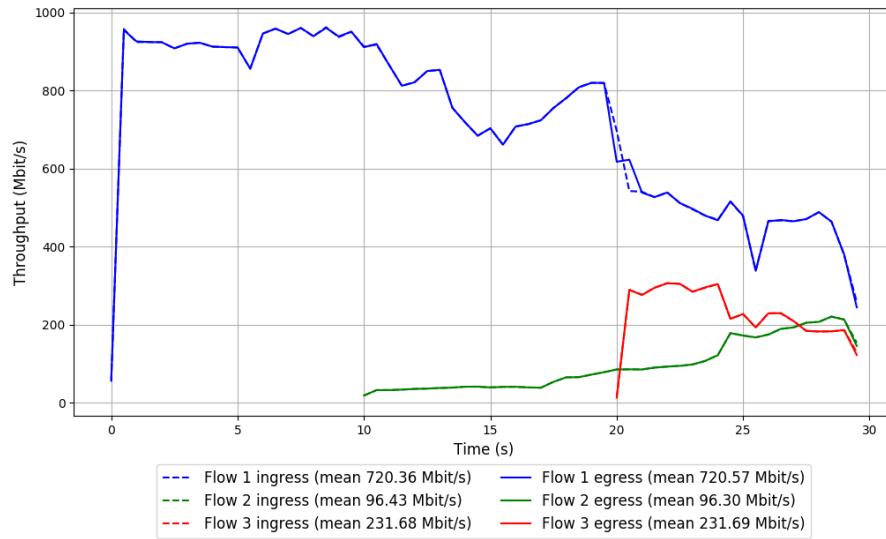


Run 5: Statistics of PCC

```
Start at: 2018-02-13 15:33:44
End at: 2018-02-13 15:34:14
Local clock offset: 0.266 ms
Remote clock offset: -6.479 ms

# Below is generated by plot.py at 2018-02-14 00:23:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 860.43 Mbit/s
95th percentile per-packet one-way delay: 2.615 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 720.57 Mbit/s
95th percentile per-packet one-way delay: 2.569 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 96.30 Mbit/s
95th percentile per-packet one-way delay: 2.618 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 231.69 Mbit/s
95th percentile per-packet one-way delay: 2.735 ms
Loss rate: 0.15%
```

Run 5: Report of PCC — Data Link

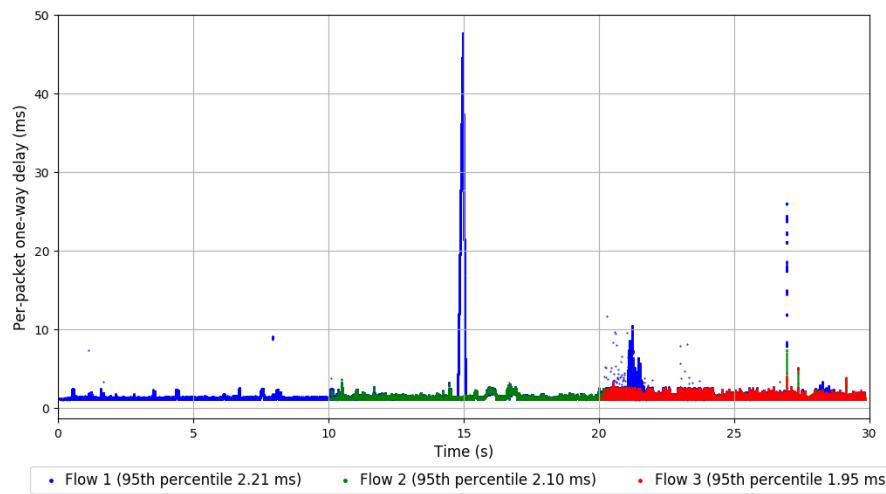
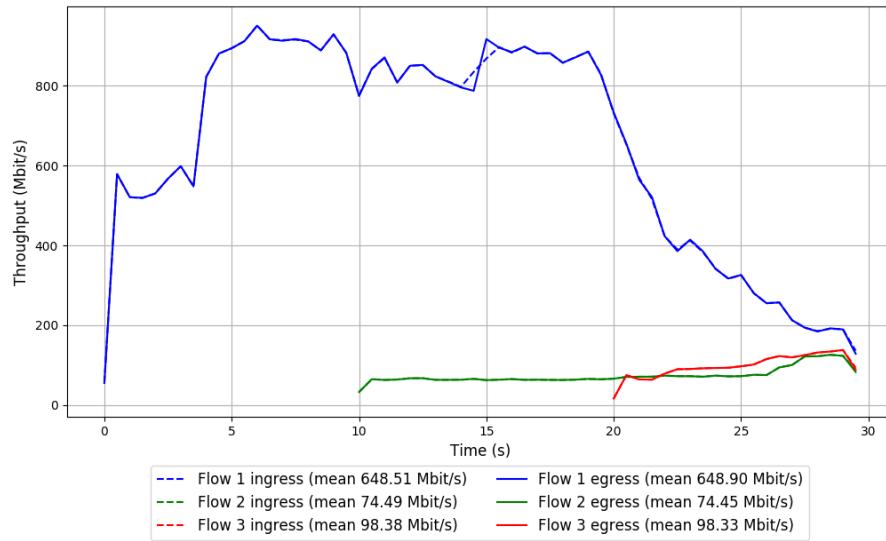


Run 6: Statistics of PCC

```
Start at: 2018-02-13 16:02:55
End at: 2018-02-13 16:03:25
Local clock offset: -0.173 ms
Remote clock offset: -7.119 ms

# Below is generated by plot.py at 2018-02-14 00:23:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 730.53 Mbit/s
95th percentile per-packet one-way delay: 2.202 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 648.90 Mbit/s
95th percentile per-packet one-way delay: 2.214 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 74.45 Mbit/s
95th percentile per-packet one-way delay: 2.096 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 98.33 Mbit/s
95th percentile per-packet one-way delay: 1.947 ms
Loss rate: 0.26%
```

Run 6: Report of PCC — Data Link

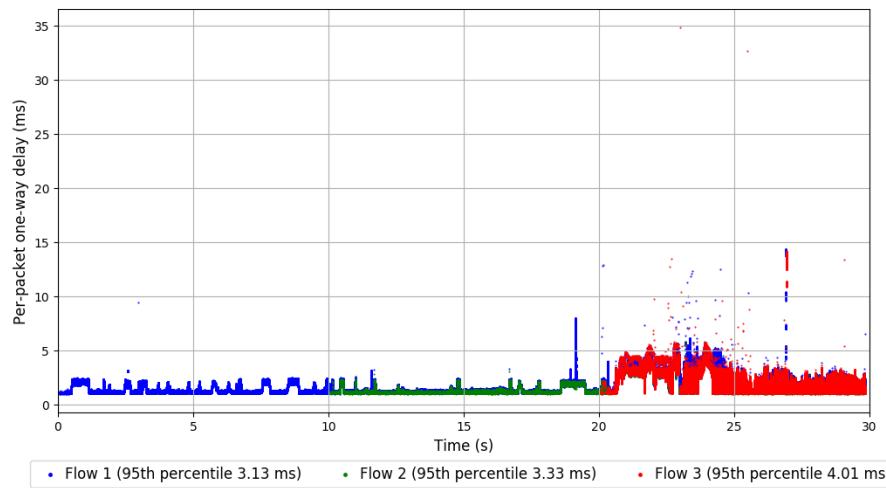
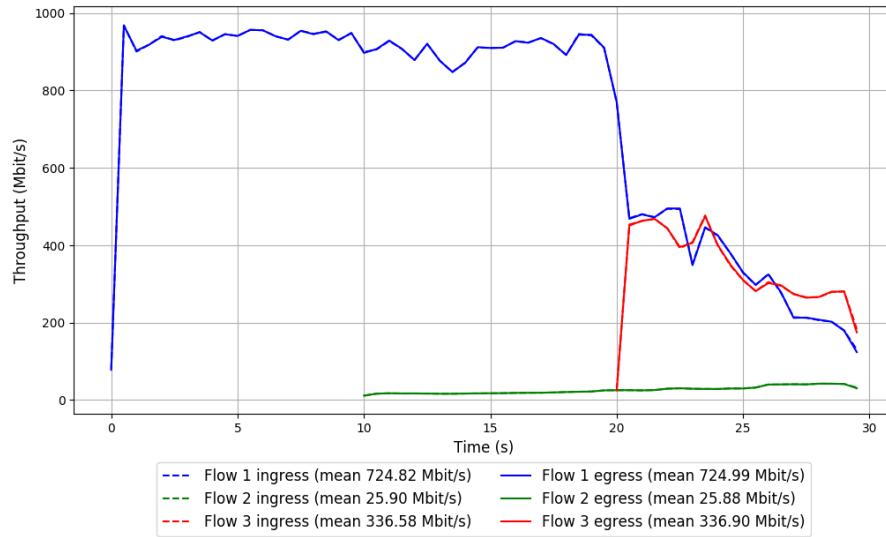


Run 7: Statistics of PCC

```
Start at: 2018-02-13 16:31:56
End at: 2018-02-13 16:32:26
Local clock offset: -0.44 ms
Remote clock offset: -7.047 ms

# Below is generated by plot.py at 2018-02-14 00:27:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 852.90 Mbit/s
95th percentile per-packet one-way delay: 3.345 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 724.99 Mbit/s
95th percentile per-packet one-way delay: 3.134 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 25.88 Mbit/s
95th percentile per-packet one-way delay: 3.327 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 336.90 Mbit/s
95th percentile per-packet one-way delay: 4.012 ms
Loss rate: 0.17%
```

Run 7: Report of PCC — Data Link

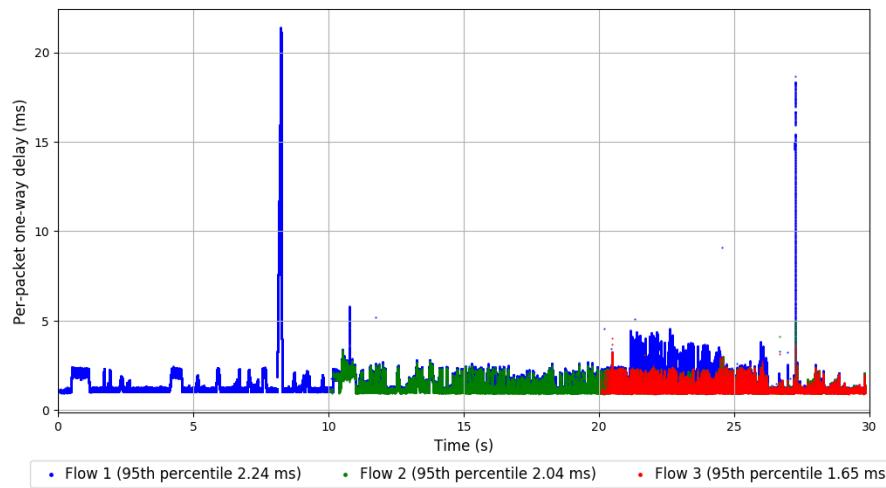
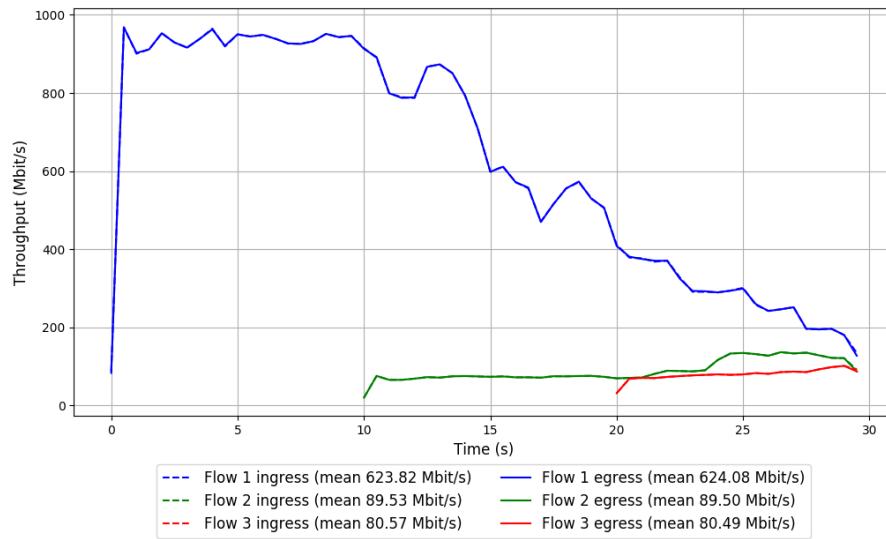


Run 8: Statistics of PCC

```
Start at: 2018-02-13 17:00:51
End at: 2018-02-13 17:01:21
Local clock offset: 2.083 ms
Remote clock offset: -4.51 ms

# Below is generated by plot.py at 2018-02-14 00:27:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 709.98 Mbit/s
95th percentile per-packet one-way delay: 2.226 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 624.08 Mbit/s
95th percentile per-packet one-way delay: 2.237 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 89.50 Mbit/s
95th percentile per-packet one-way delay: 2.037 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 80.49 Mbit/s
95th percentile per-packet one-way delay: 1.651 ms
Loss rate: 0.30%
```

Run 8: Report of PCC — Data Link

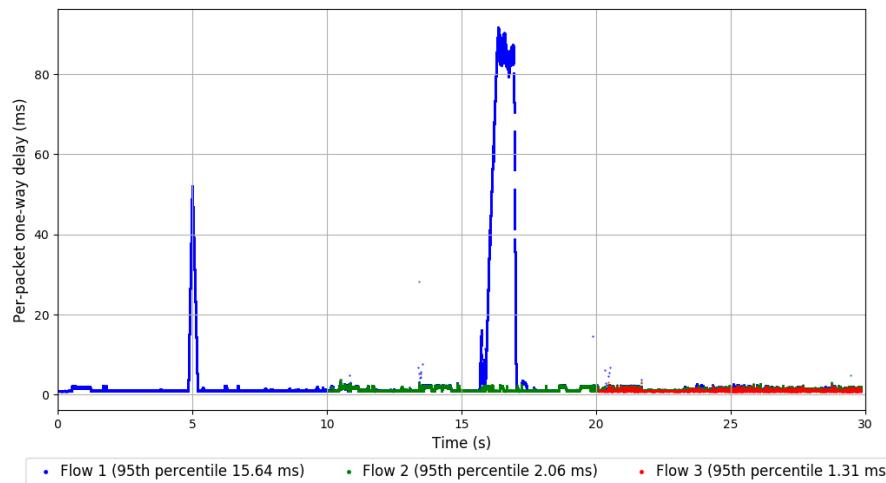
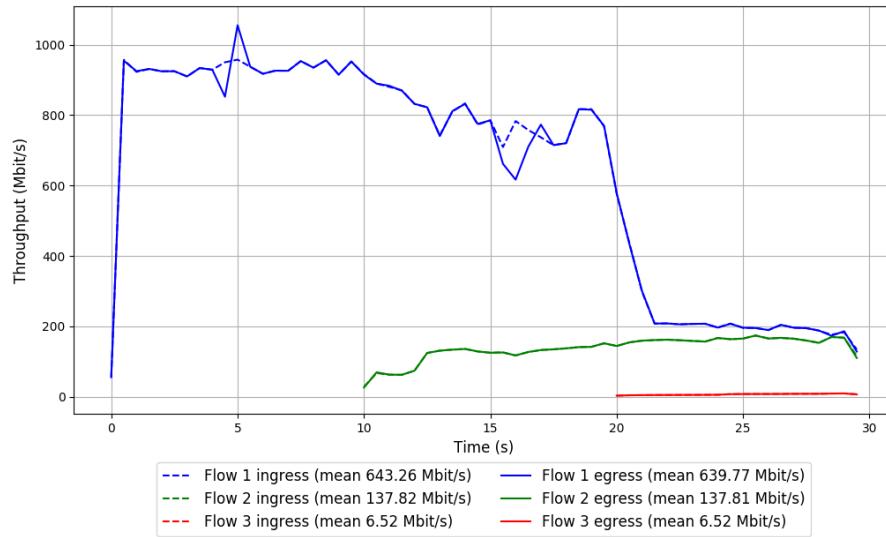


Run 9: Statistics of PCC

```
Start at: 2018-02-13 17:29:52
End at: 2018-02-13 17:30:22
Local clock offset: 3.384 ms
Remote clock offset: -4.835 ms

# Below is generated by plot.py at 2018-02-14 00:29:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 733.40 Mbit/s
95th percentile per-packet one-way delay: 6.758 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 639.77 Mbit/s
95th percentile per-packet one-way delay: 15.644 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 137.81 Mbit/s
95th percentile per-packet one-way delay: 2.065 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 6.52 Mbit/s
95th percentile per-packet one-way delay: 1.310 ms
Loss rate: 0.25%
```

Run 9: Report of PCC — Data Link

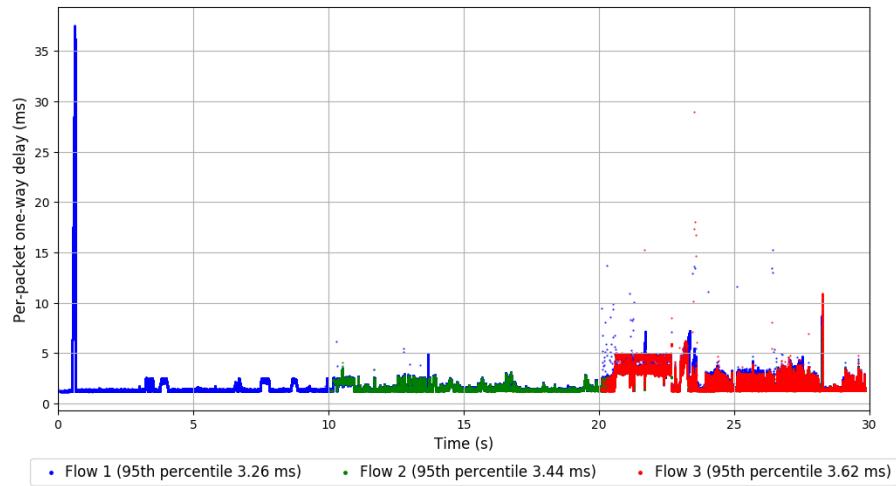
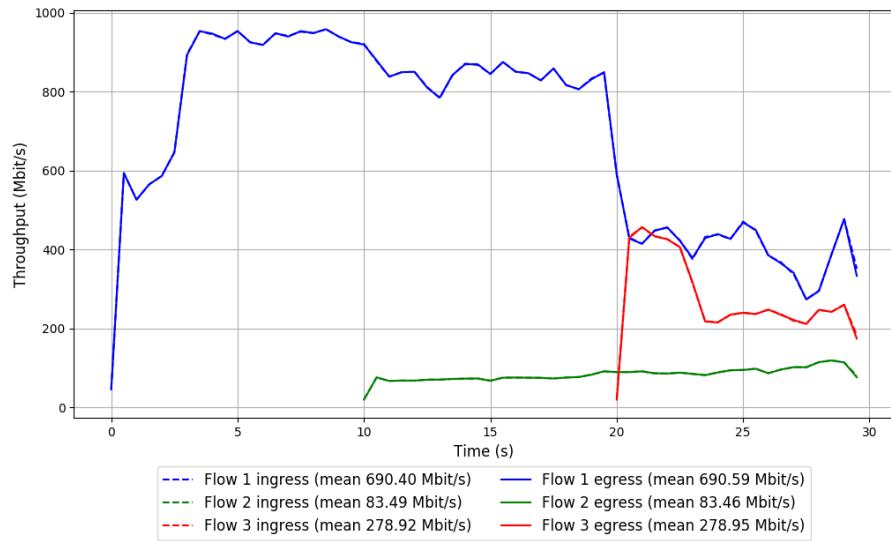


Run 10: Statistics of PCC

```
Start at: 2018-02-13 17:59:04
End at: 2018-02-13 17:59:34
Local clock offset: 1.889 ms
Remote clock offset: -5.246 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 837.66 Mbit/s
95th percentile per-packet one-way delay: 3.428 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 690.59 Mbit/s
95th percentile per-packet one-way delay: 3.256 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 83.46 Mbit/s
95th percentile per-packet one-way delay: 3.440 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 278.95 Mbit/s
95th percentile per-packet one-way delay: 3.622 ms
Loss rate: 0.18%
```

Run 10: Report of PCC — Data Link

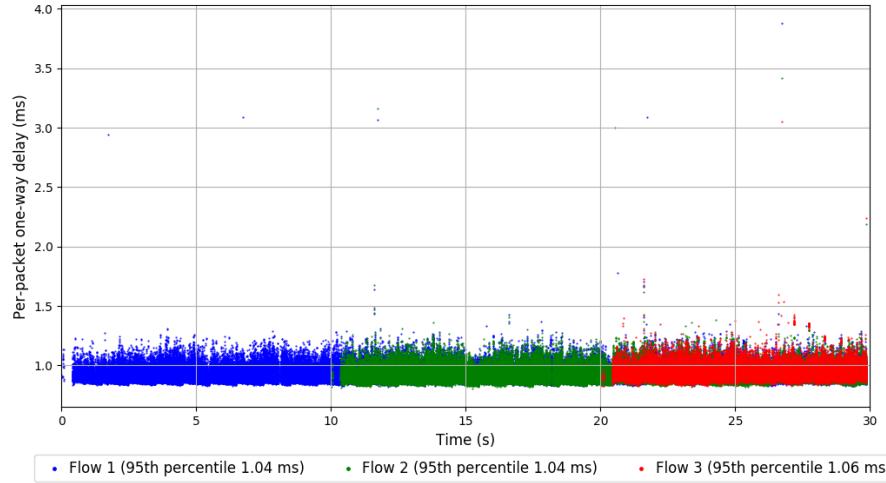
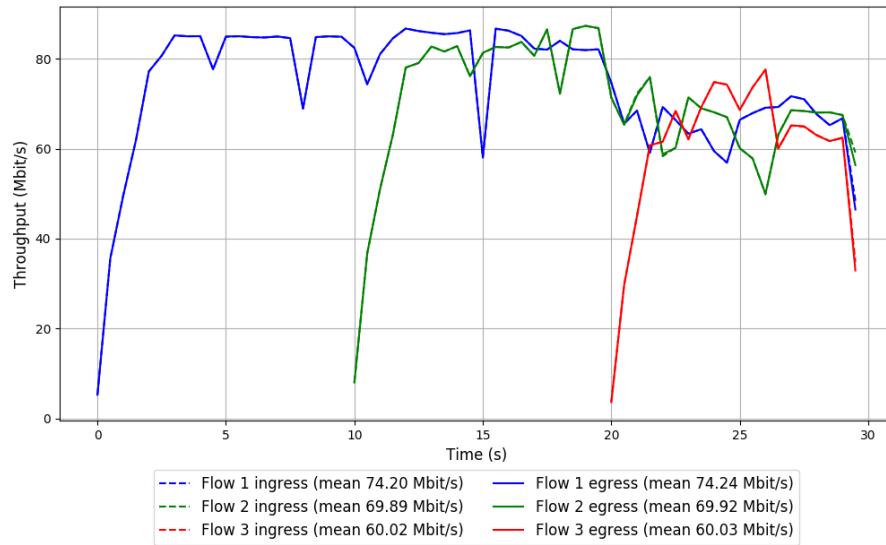


```
Run 1: Statistics of QUIC Cubic
```

```
Start at: 2018-02-13 13:31:01
End at: 2018-02-13 13:31:31
Local clock offset: -0.112 ms
Remote clock offset: -6.738 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 140.47 Mbit/s
95th percentile per-packet one-way delay: 1.045 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 74.24 Mbit/s
95th percentile per-packet one-way delay: 1.042 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 69.92 Mbit/s
95th percentile per-packet one-way delay: 1.042 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 60.03 Mbit/s
95th percentile per-packet one-way delay: 1.057 ms
Loss rate: 0.16%
```

Run 1: Report of QUIC Cubic — Data Link

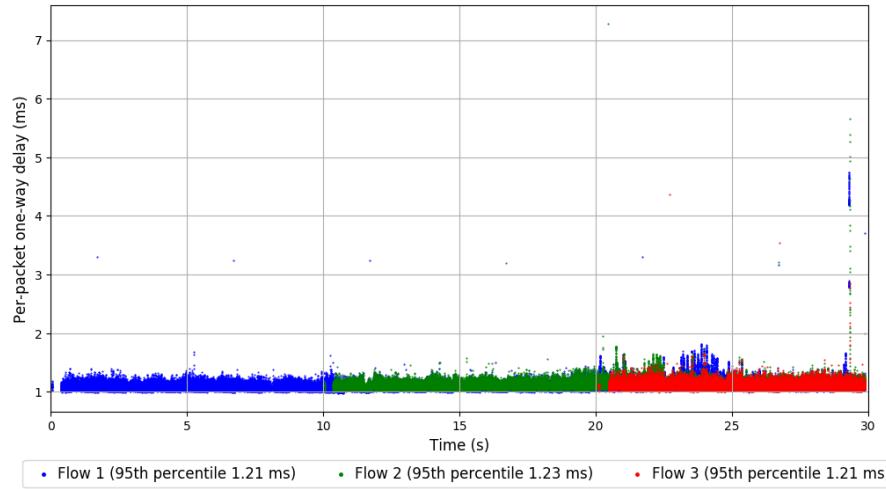
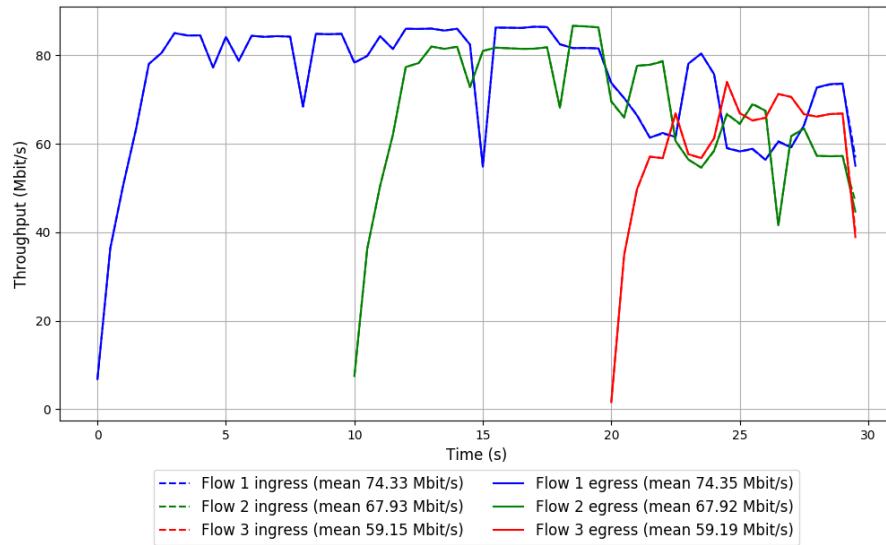


Run 2: Statistics of QUIC Cubic

```
Start at: 2018-02-13 14:00:01
End at: 2018-02-13 14:00:31
Local clock offset: 0.068 ms
Remote clock offset: -5.903 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 138.96 Mbit/s
95th percentile per-packet one-way delay: 1.215 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 74.35 Mbit/s
95th percentile per-packet one-way delay: 1.208 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 67.92 Mbit/s
95th percentile per-packet one-way delay: 1.227 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 59.19 Mbit/s
95th percentile per-packet one-way delay: 1.211 ms
Loss rate: 0.12%
```

Run 2: Report of QUIC Cubic — Data Link

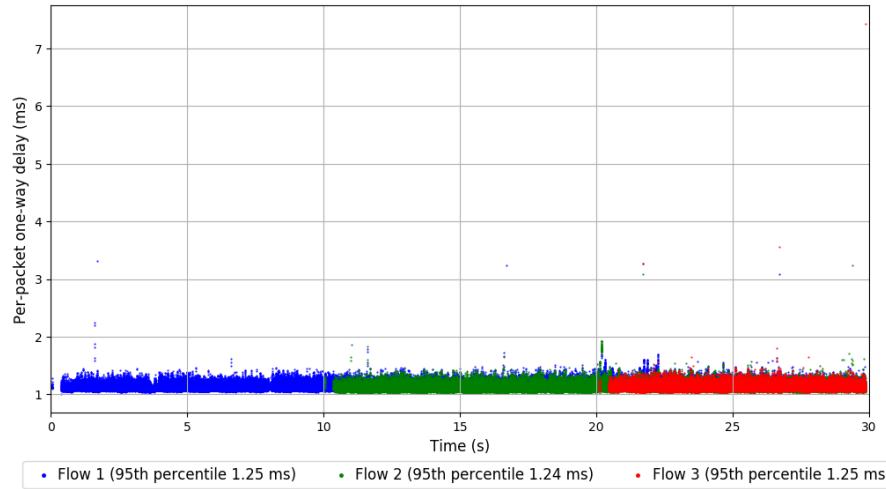
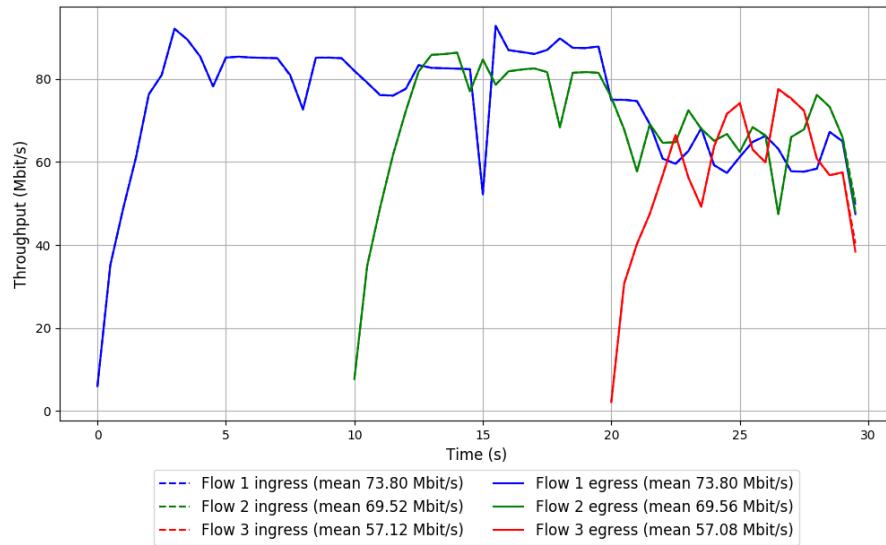


Run 3: Statistics of QUIC Cubic

```
Start at: 2018-02-13 14:29:00
End at: 2018-02-13 14:29:30
Local clock offset: 0.288 ms
Remote clock offset: -5.259 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 138.77 Mbit/s
95th percentile per-packet one-way delay: 1.247 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 73.80 Mbit/s
95th percentile per-packet one-way delay: 1.254 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 69.56 Mbit/s
95th percentile per-packet one-way delay: 1.236 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 57.08 Mbit/s
95th percentile per-packet one-way delay: 1.245 ms
Loss rate: 0.19%
```

Run 3: Report of QUIC Cubic — Data Link

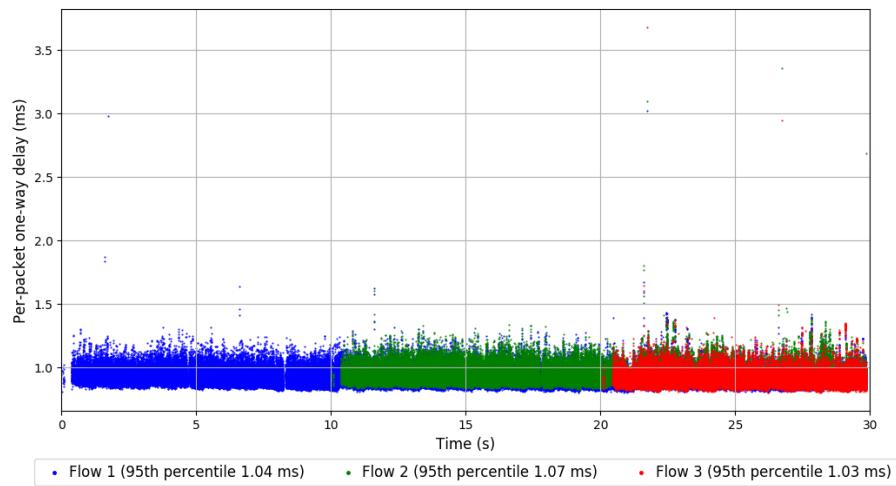
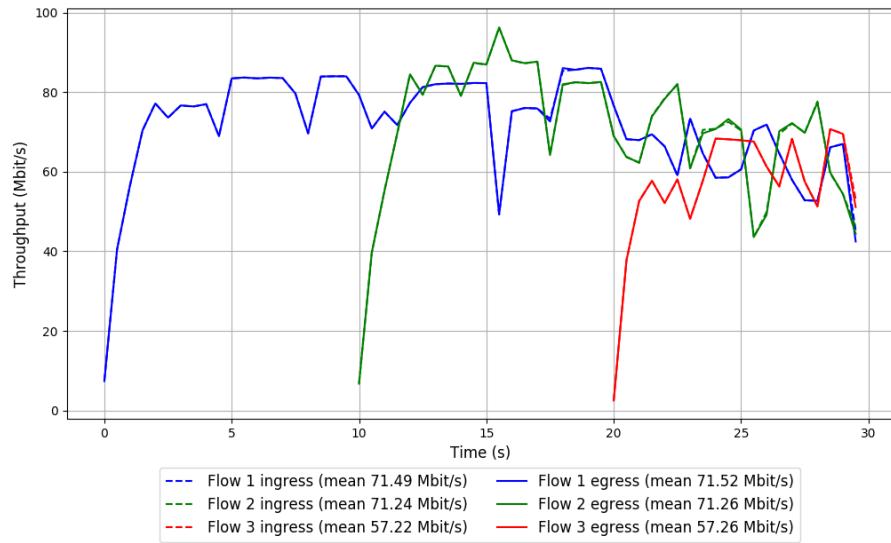


Run 4: Statistics of QUIC Cubic

```
Start at: 2018-02-13 14:58:12
End at: 2018-02-13 14:58:42
Local clock offset: 0.4 ms
Remote clock offset: -5.36 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 137.72 Mbit/s
95th percentile per-packet one-way delay: 1.049 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 71.52 Mbit/s
95th percentile per-packet one-way delay: 1.039 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 71.26 Mbit/s
95th percentile per-packet one-way delay: 1.067 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 57.26 Mbit/s
95th percentile per-packet one-way delay: 1.026 ms
Loss rate: 0.19%
```

Run 4: Report of QUIC Cubic — Data Link

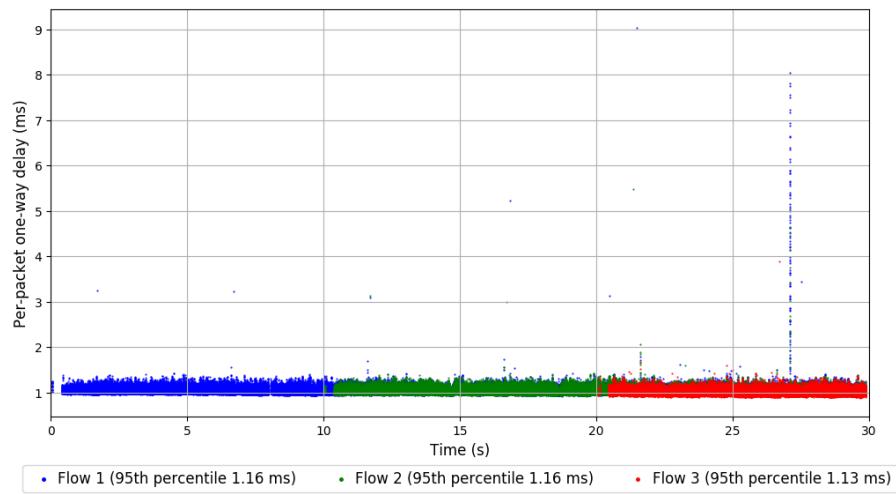
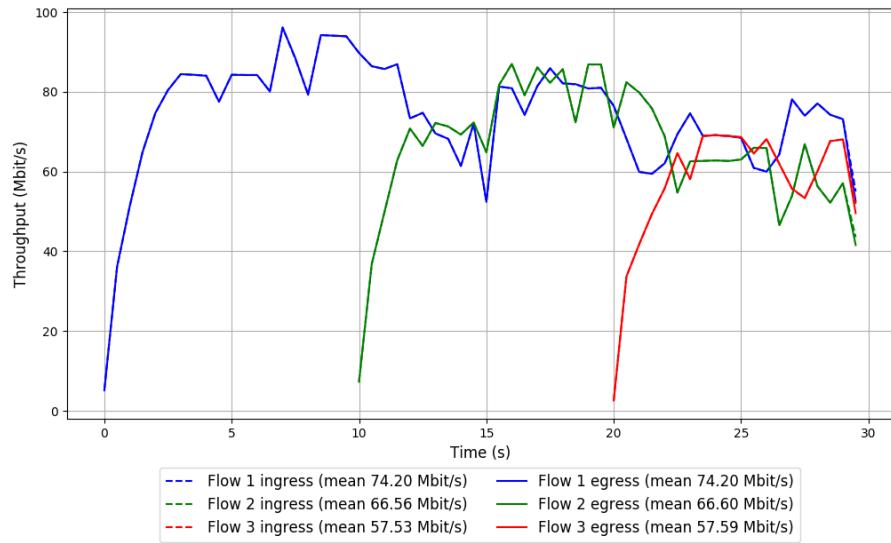


Run 5: Statistics of QUIC Cubic

```
Start at: 2018-02-13 15:27:13
End at: 2018-02-13 15:27:43
Local clock offset: 0.25 ms
Remote clock offset: -6.028 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 137.42 Mbit/s
95th percentile per-packet one-way delay: 1.155 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 74.20 Mbit/s
95th percentile per-packet one-way delay: 1.160 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 66.60 Mbit/s
95th percentile per-packet one-way delay: 1.155 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 57.59 Mbit/s
95th percentile per-packet one-way delay: 1.127 ms
Loss rate: 0.22%
```

Run 5: Report of QUIC Cubic — Data Link

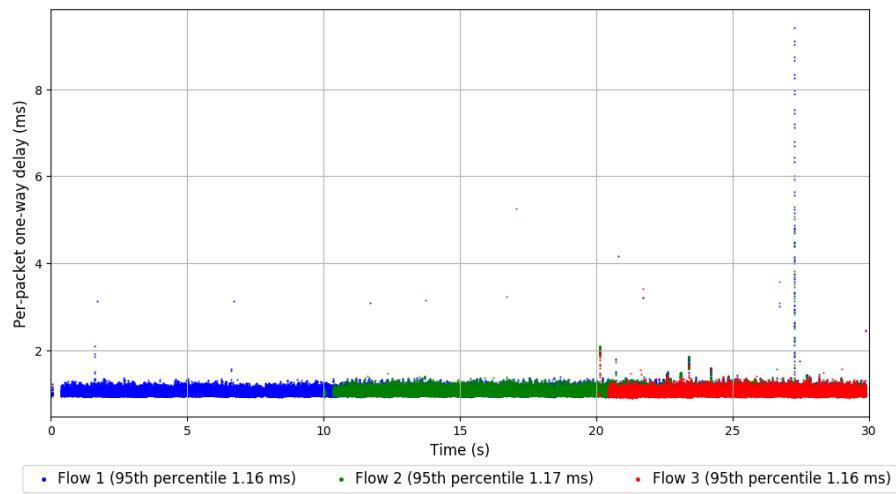
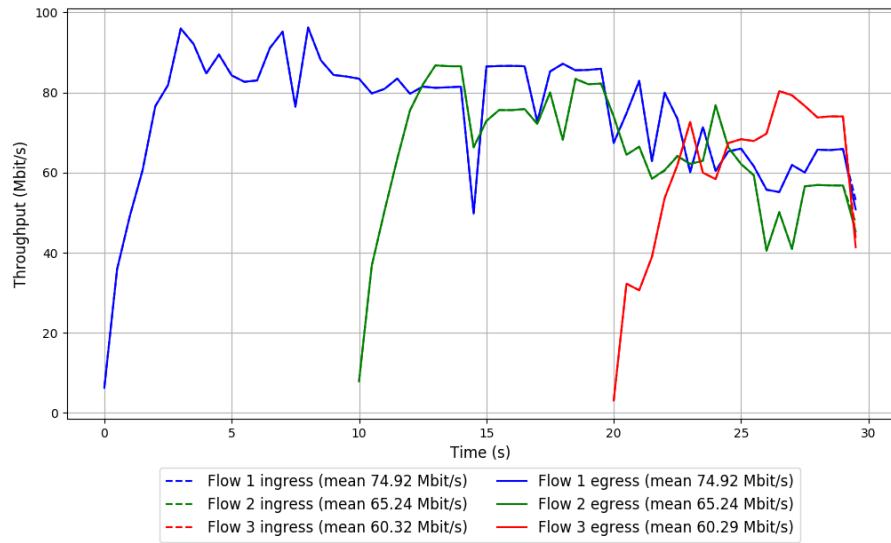


Run 6: Statistics of QUIC Cubic

```
Start at: 2018-02-13 15:56:23
End at: 2018-02-13 15:56:53
Local clock offset: -0.129 ms
Remote clock offset: -7.078 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 138.13 Mbit/s
95th percentile per-packet one-way delay: 1.165 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 74.92 Mbit/s
95th percentile per-packet one-way delay: 1.164 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 65.24 Mbit/s
95th percentile per-packet one-way delay: 1.170 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 60.29 Mbit/s
95th percentile per-packet one-way delay: 1.159 ms
Loss rate: 0.21%
```

Run 6: Report of QUIC Cubic — Data Link

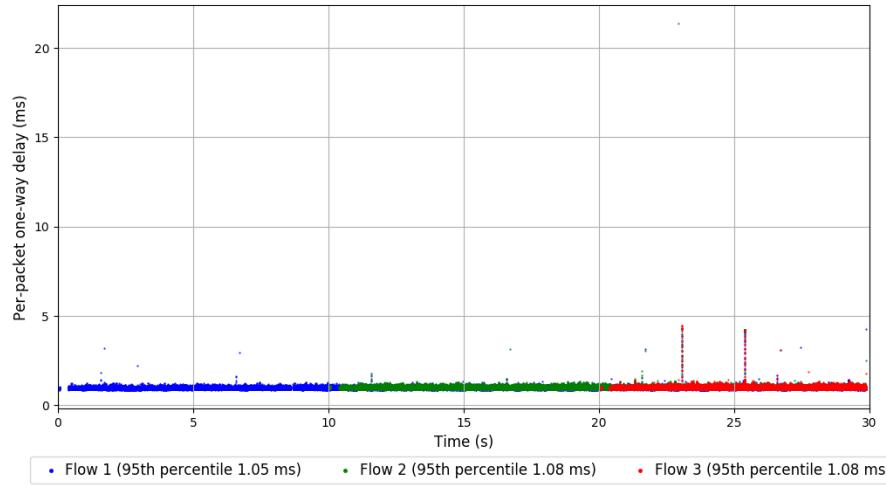
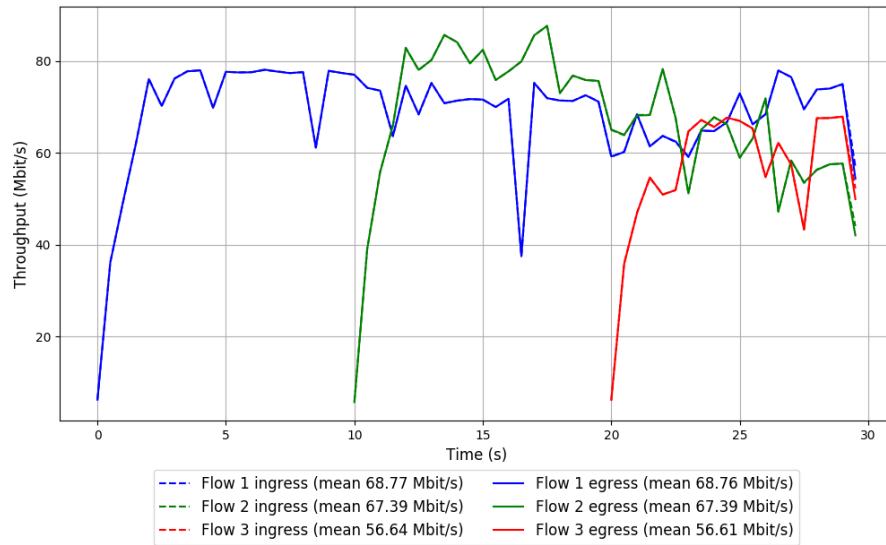


Run 7: Statistics of QUIC Cubic

```
Start at: 2018-02-13 16:25:36
End at: 2018-02-13 16:26:06
Local clock offset: -0.47 ms
Remote clock offset: -6.957 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 132.22 Mbit/s
95th percentile per-packet one-way delay: 1.067 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 68.76 Mbit/s
95th percentile per-packet one-way delay: 1.051 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 67.39 Mbit/s
95th percentile per-packet one-way delay: 1.078 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 56.61 Mbit/s
95th percentile per-packet one-way delay: 1.080 ms
Loss rate: 0.22%
```

Run 7: Report of QUIC Cubic — Data Link

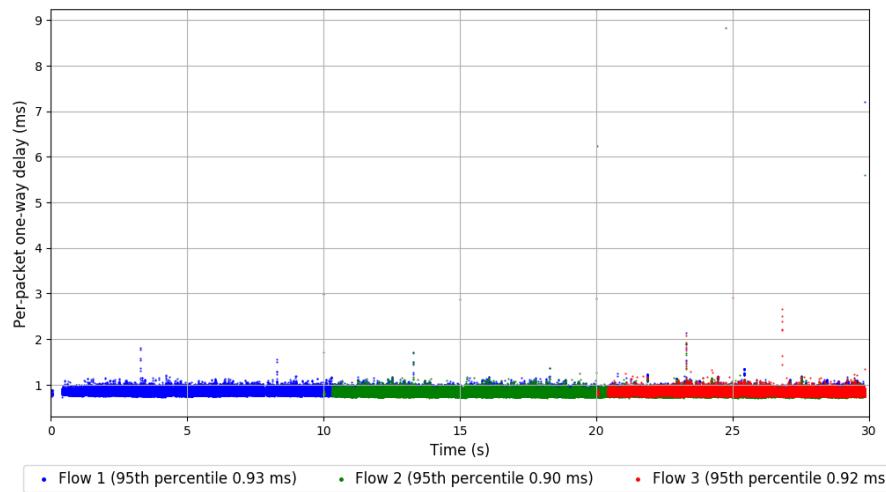
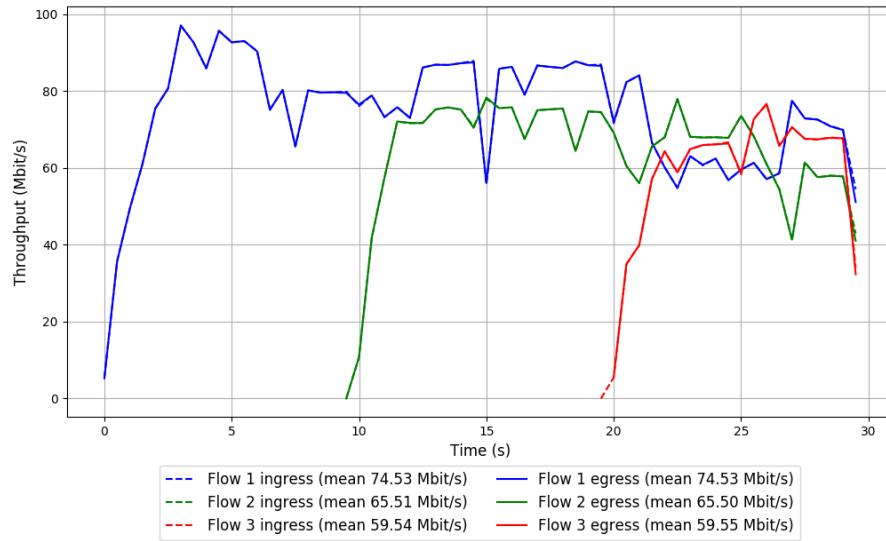


Run 8: Statistics of QUIC Cubic

```
Start at: 2018-02-13 16:54:32
End at: 2018-02-13 16:55:02
Local clock offset: 1.386 ms
Remote clock offset: -4.749 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 137.76 Mbit/s
95th percentile per-packet one-way delay: 0.922 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 74.53 Mbit/s
95th percentile per-packet one-way delay: 0.931 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 65.50 Mbit/s
95th percentile per-packet one-way delay: 0.902 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 59.55 Mbit/s
95th percentile per-packet one-way delay: 0.920 ms
Loss rate: 0.16%
```

Run 8: Report of QUIC Cubic — Data Link

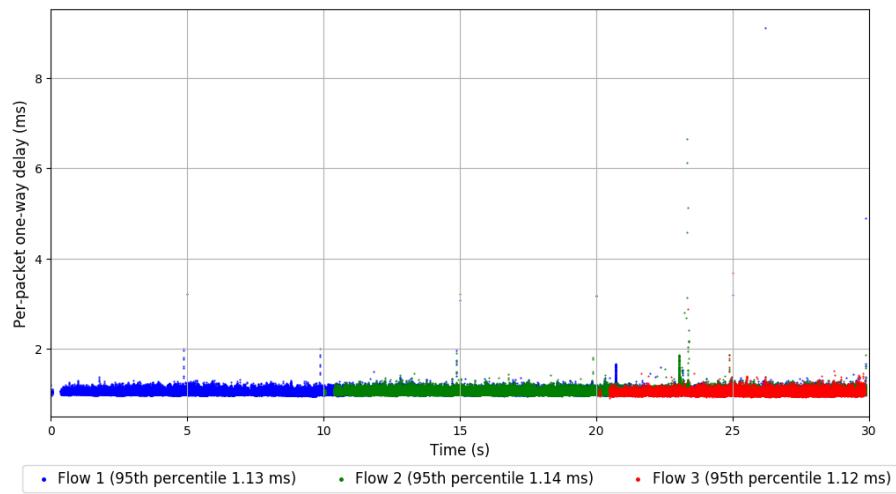
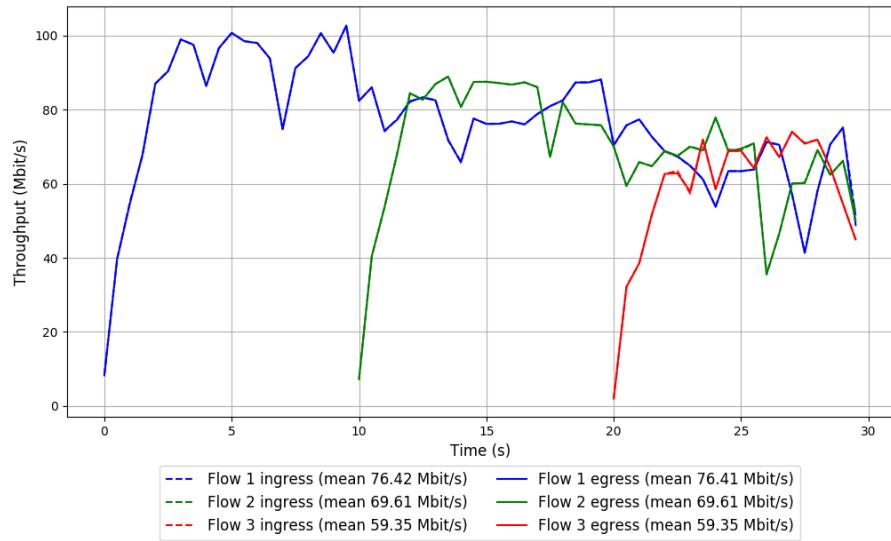


Run 9: Statistics of QUIC Cubic

```
Start at: 2018-02-13 17:23:26
End at: 2018-02-13 17:23:56
Local clock offset: 3.234 ms
Remote clock offset: -4.97 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 142.11 Mbit/s
95th percentile per-packet one-way delay: 1.131 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 76.41 Mbit/s
95th percentile per-packet one-way delay: 1.131 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 69.61 Mbit/s
95th percentile per-packet one-way delay: 1.137 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 59.35 Mbit/s
95th percentile per-packet one-way delay: 1.116 ms
Loss rate: 0.00%
```

Run 9: Report of QUIC Cubic — Data Link

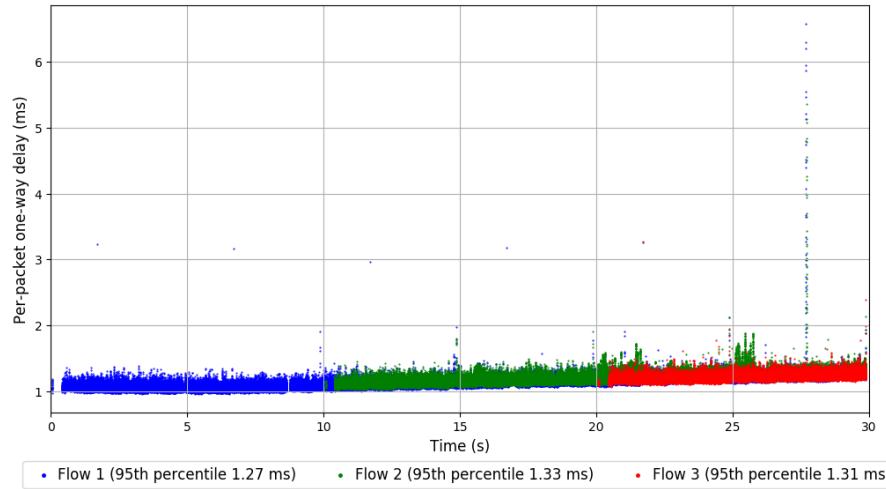
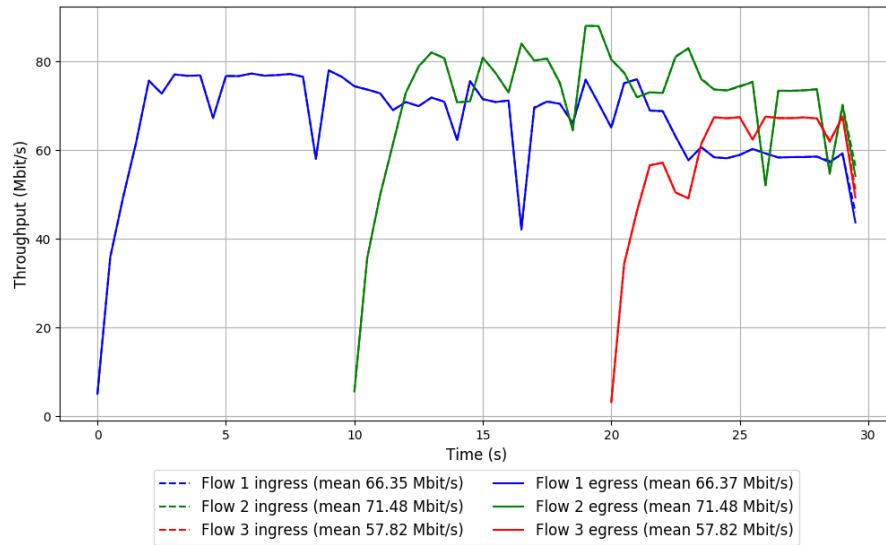


Run 10: Statistics of QUIC Cubic

```
Start at: 2018-02-13 17:52:29
End at: 2018-02-13 17:52:59
Local clock offset: 4.282 ms
Remote clock offset: -5.149 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 132.95 Mbit/s
95th percentile per-packet one-way delay: 1.304 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 66.37 Mbit/s
95th percentile per-packet one-way delay: 1.267 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 71.48 Mbit/s
95th percentile per-packet one-way delay: 1.332 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 57.82 Mbit/s
95th percentile per-packet one-way delay: 1.312 ms
Loss rate: 0.18%
```

Run 10: Report of QUIC Cubic — Data Link

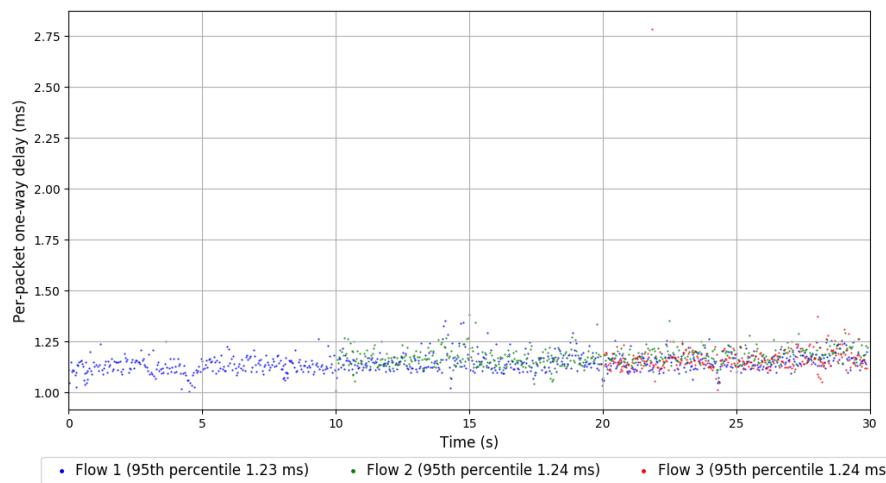
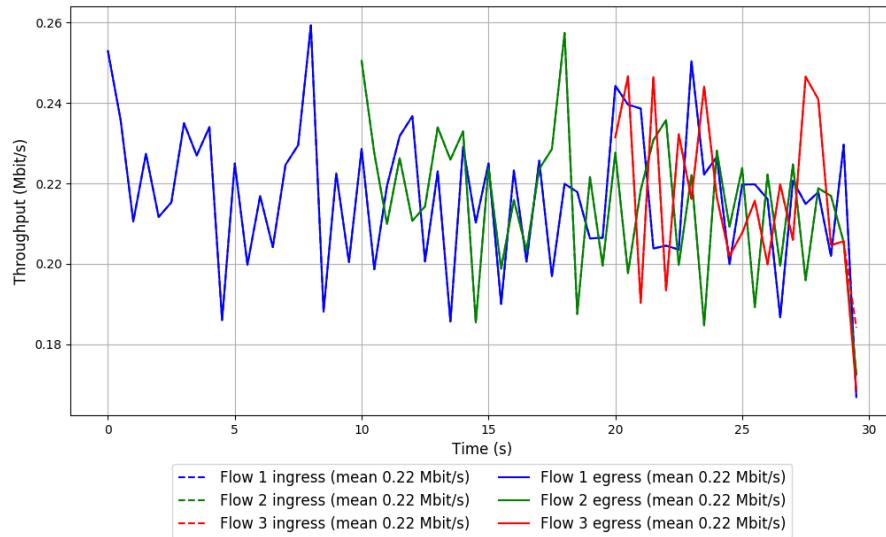


```
Run 1: Statistics of SCReAM

Start at: 2018-02-13 13:46:57
End at: 2018-02-13 13:47:27
Local clock offset: -0.005 ms
Remote clock offset: -6.442 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1.238 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.232 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.242 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.237 ms
Loss rate: 0.35%
```

Run 1: Report of SCReAM — Data Link

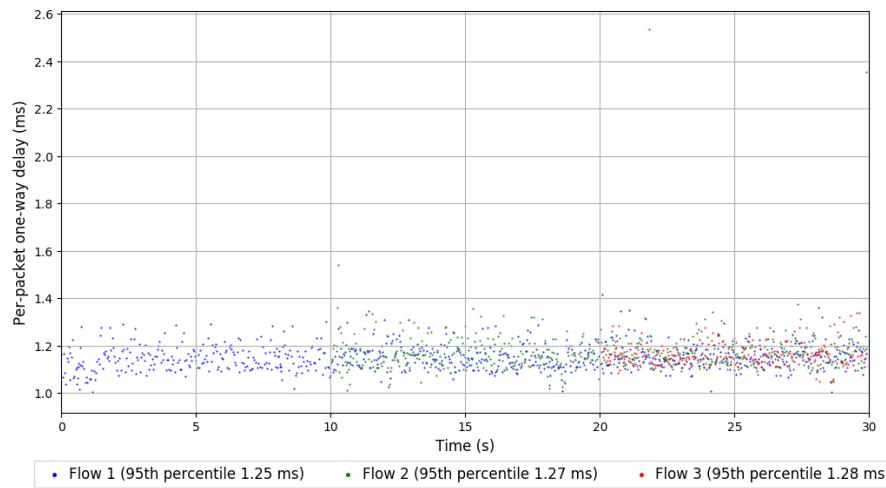
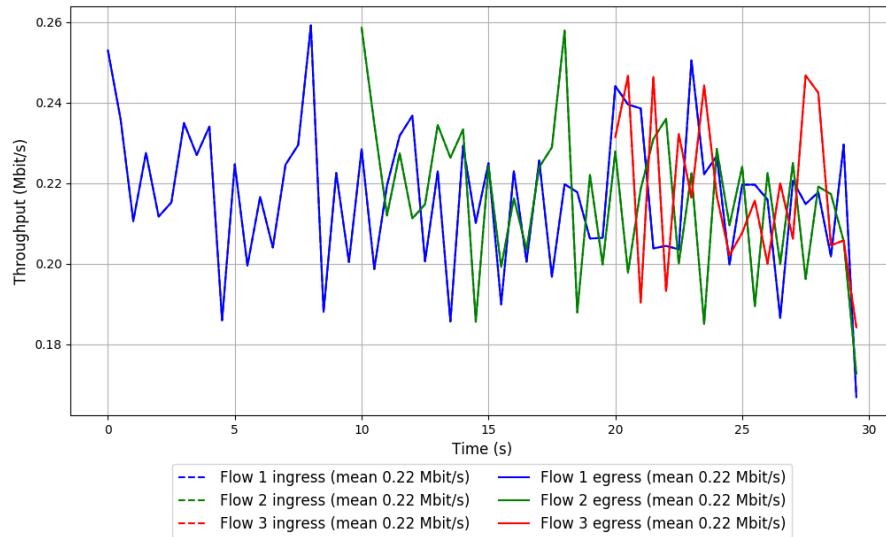


Run 2: Statistics of SCReAM

```
Start at: 2018-02-13 14:16:02
End at: 2018-02-13 14:16:32
Local clock offset: 0.192 ms
Remote clock offset: -5.513 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1.266 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.249 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.271 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.284 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

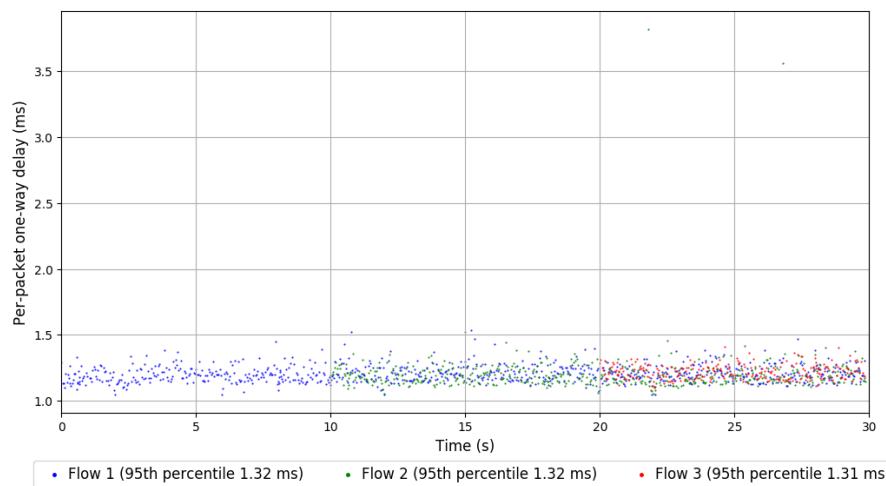
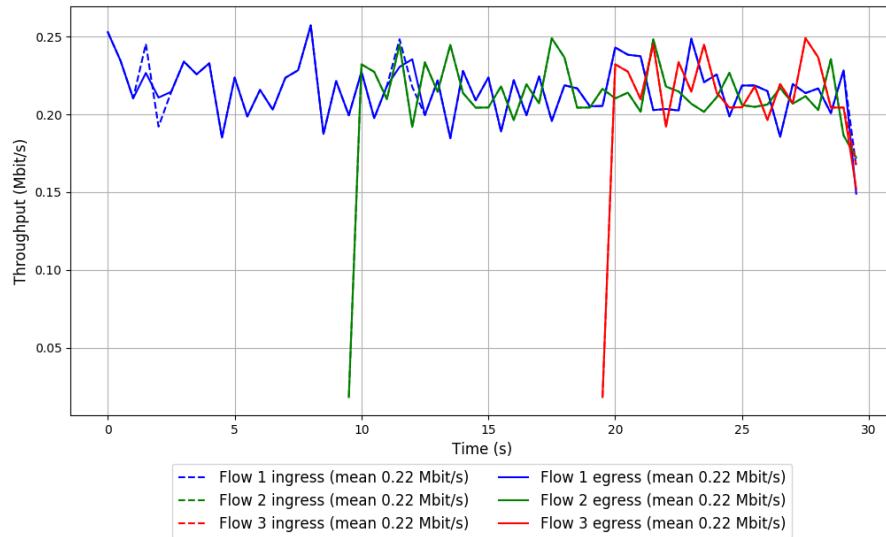


Run 3: Statistics of SCReAM

```
Start at: 2018-02-13 14:45:09
End at: 2018-02-13 14:45:39
Local clock offset: 0.421 ms
Remote clock offset: -4.918 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1.321 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.321 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.323 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.312 ms
Loss rate: 0.35%
```

Run 3: Report of SCReAM — Data Link

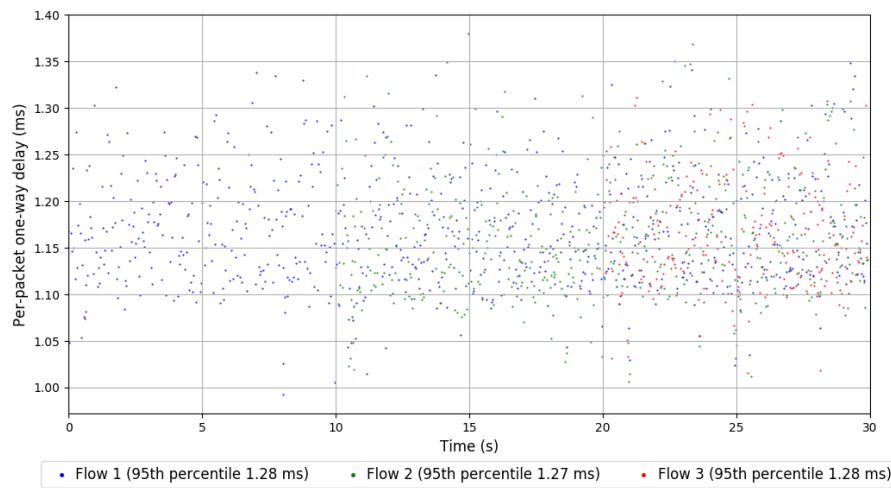
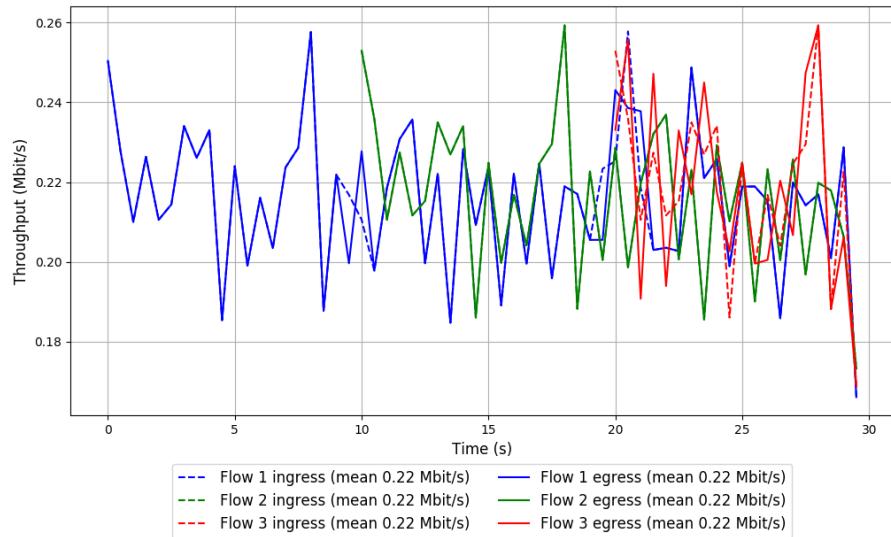


Run 4: Statistics of SCReAM

```
Start at: 2018-02-13 15:14:20
End at: 2018-02-13 15:14:50
Local clock offset: 0.356 ms
Remote clock offset: -5.798 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1.276 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.282 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.269 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.279 ms
Loss rate: 0.35%
```

Run 4: Report of SCReAM — Data Link

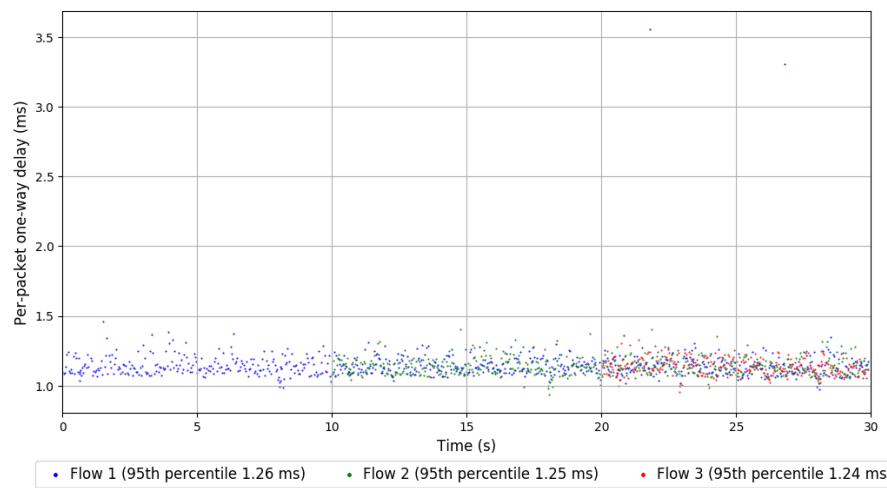
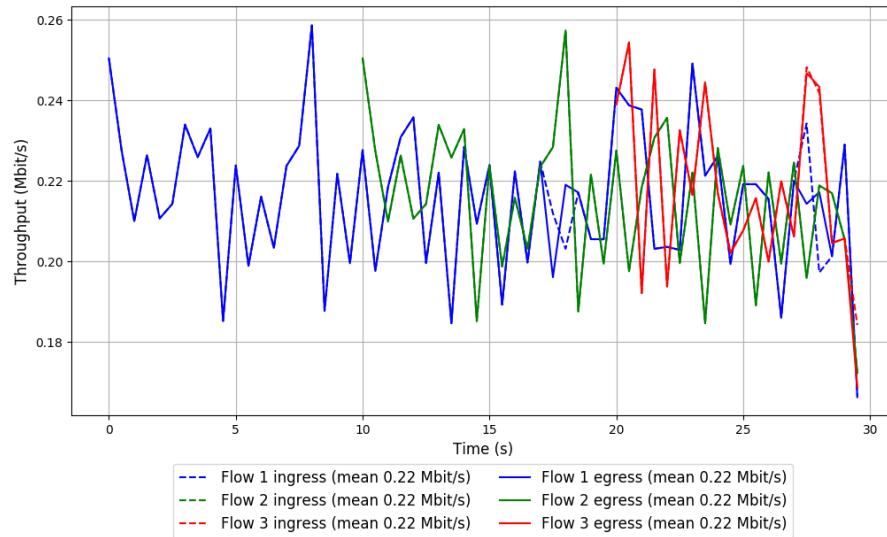


Run 5: Statistics of SCReAM

```
Start at: 2018-02-13 15:43:22
End at: 2018-02-13 15:43:52
Local clock offset: 0.037 ms
Remote clock offset: -6.851 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1.252 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.258 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.255 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.239 ms
Loss rate: 0.35%
```

Run 5: Report of SCReAM — Data Link

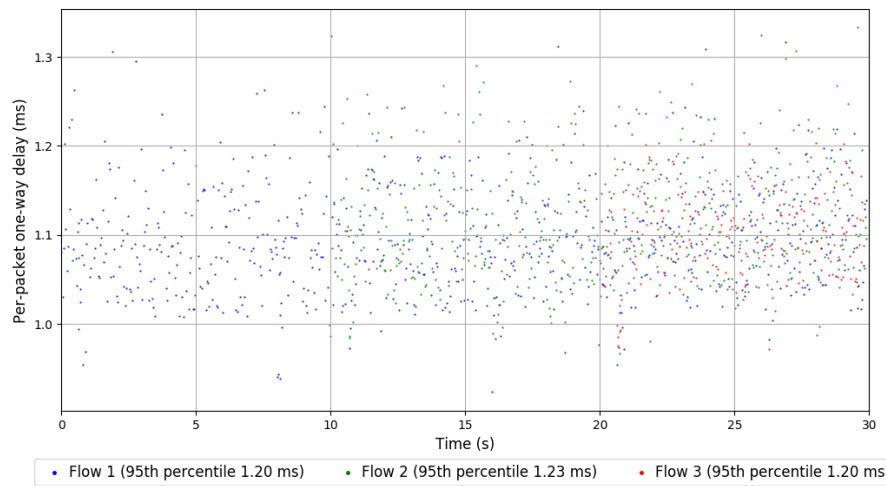
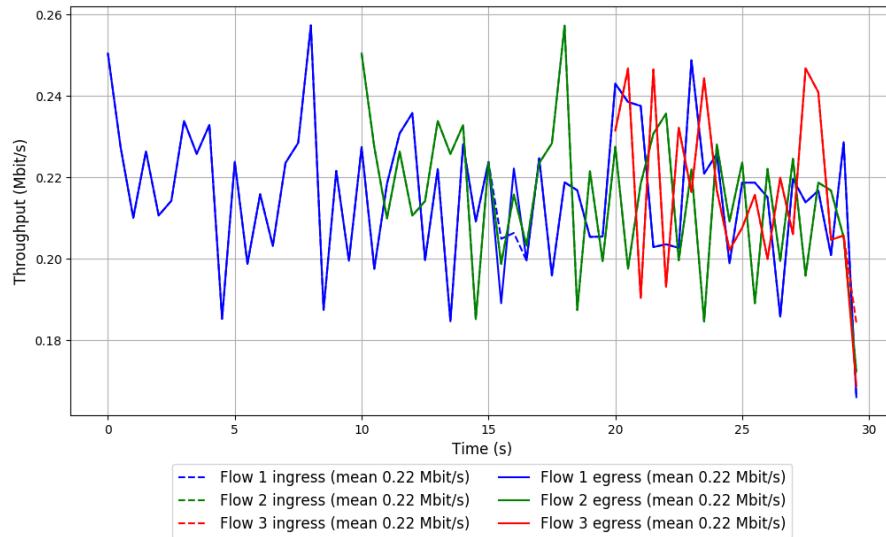


Run 6: Statistics of SCReAM

```
Start at: 2018-02-13 16:12:28
End at: 2018-02-13 16:12:58
Local clock offset: -0.299 ms
Remote clock offset: -6.896 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1.215 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.201 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.230 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.203 ms
Loss rate: 0.35%
```

Run 6: Report of SCReAM — Data Link

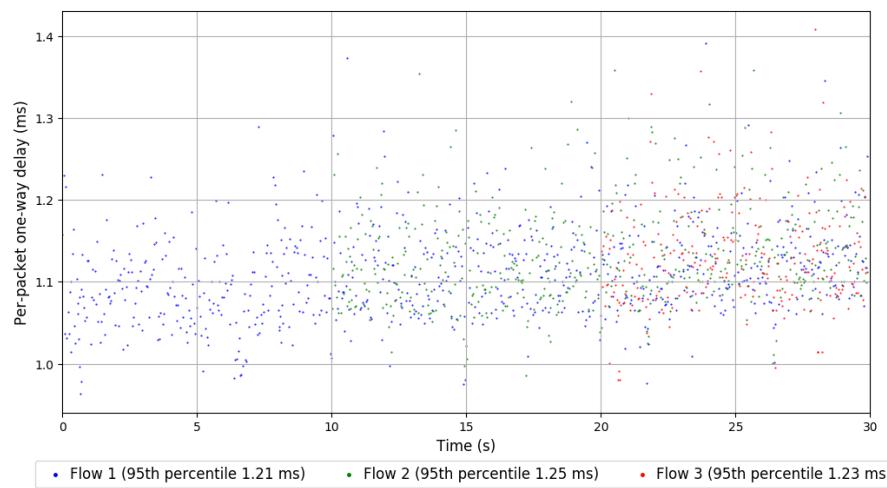
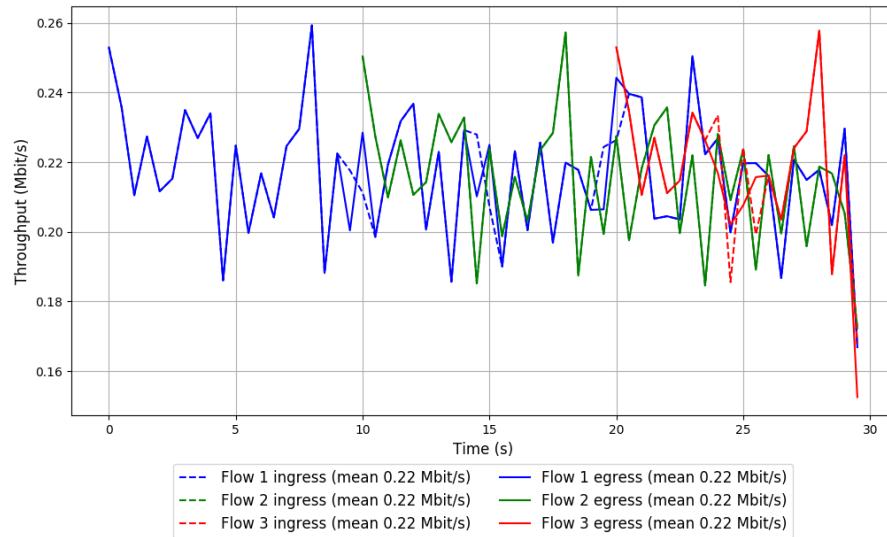


Run 7: Statistics of SCReAM

```
Start at: 2018-02-13 16:41:32
End at: 2018-02-13 16:42:02
Local clock offset: -0.518 ms
Remote clock offset: -5.789 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1.228 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.206 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.249 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.225 ms
Loss rate: 0.35%
```

Run 7: Report of SCReAM — Data Link

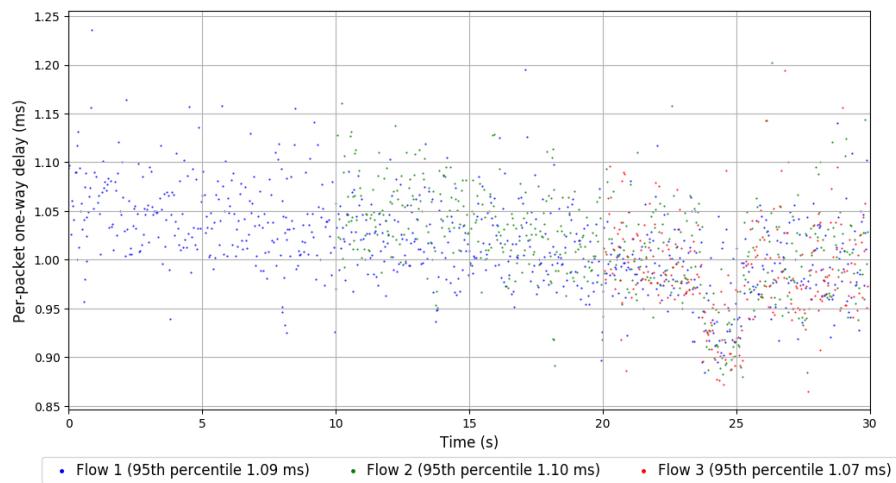
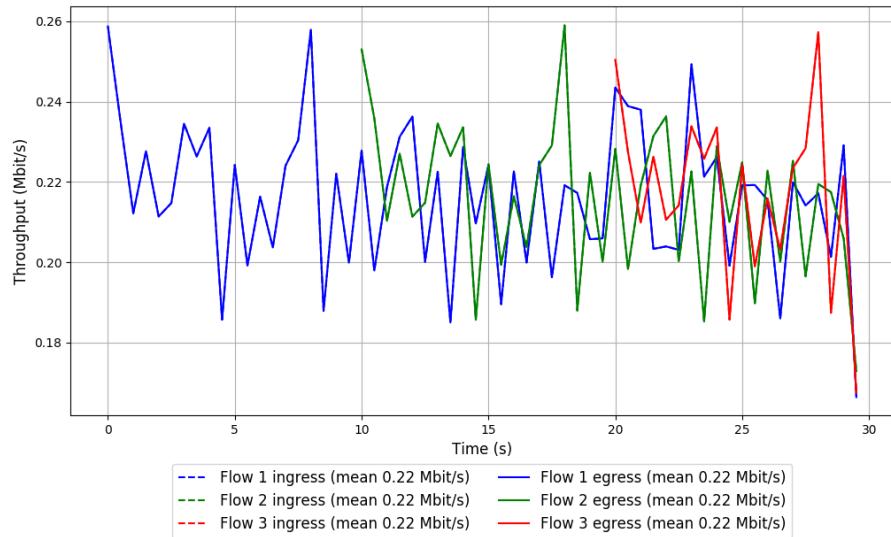


Run 8: Statistics of SCReAM

```
Start at: 2018-02-13 17:10:24
End at: 2018-02-13 17:10:54
Local clock offset: 2.677 ms
Remote clock offset: -4.337 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1.094 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.094 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.104 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.073 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

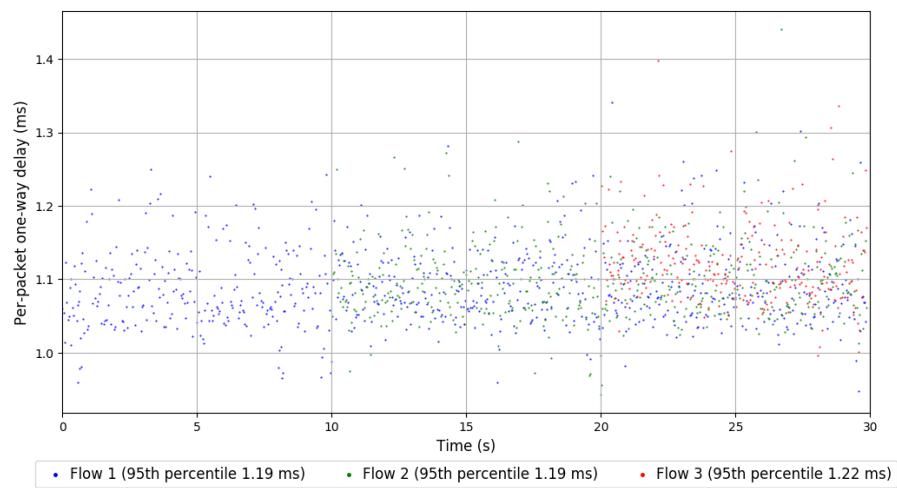
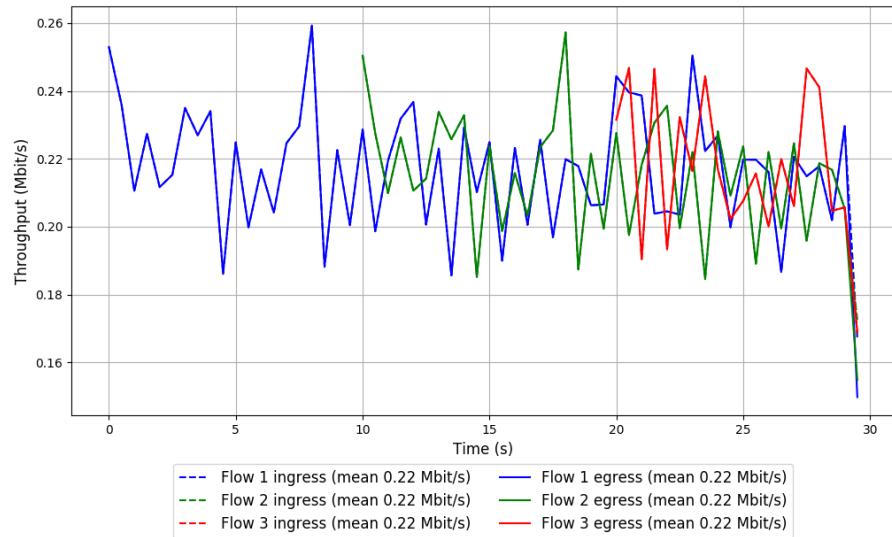


Run 9: Statistics of SCReAM

```
Start at: 2018-02-13 17:39:28
End at: 2018-02-13 17:39:58
Local clock offset: 3.825 ms
Remote clock offset: -4.666 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1.195 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.187 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.193 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.224 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

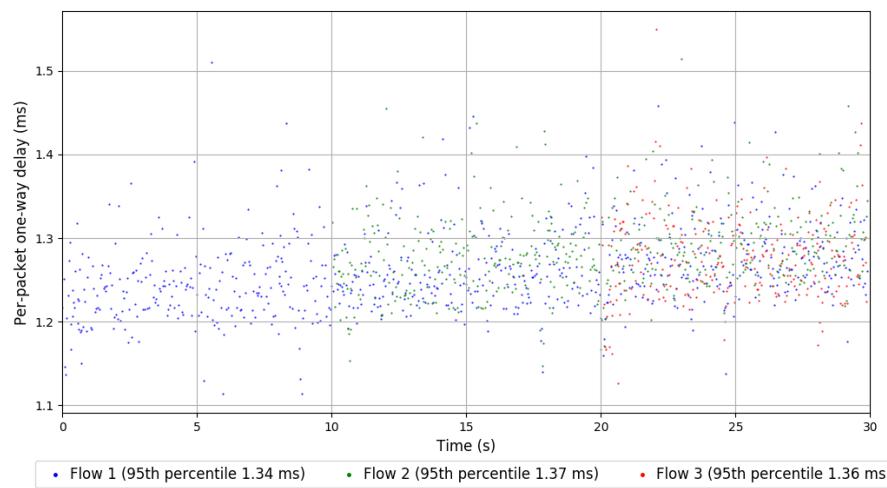
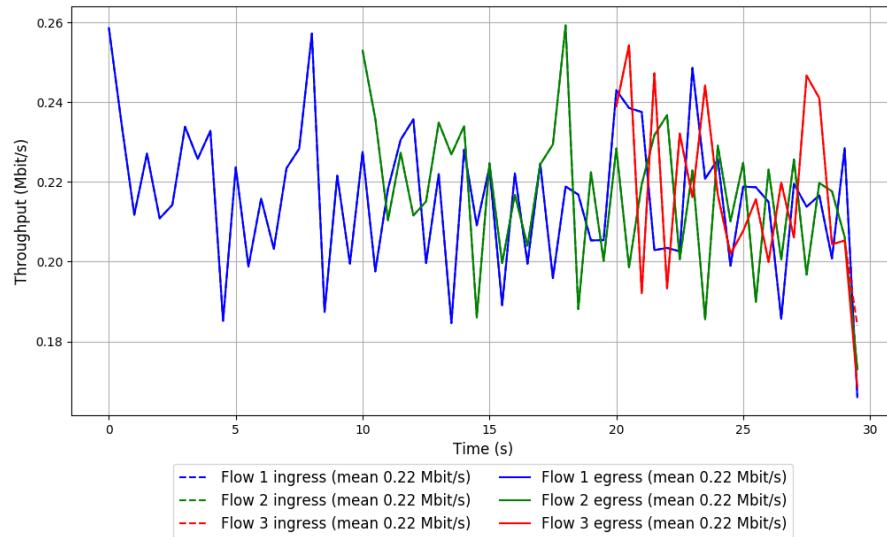


Run 10: Statistics of SCReAM

```
Start at: 2018-02-13 18:08:38
End at: 2018-02-13 18:09:08
Local clock offset: 0.087 ms
Remote clock offset: -5.258 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1.360 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.344 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.368 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.360 ms
Loss rate: 0.35%
```

Run 10: Report of SCReAM — Data Link

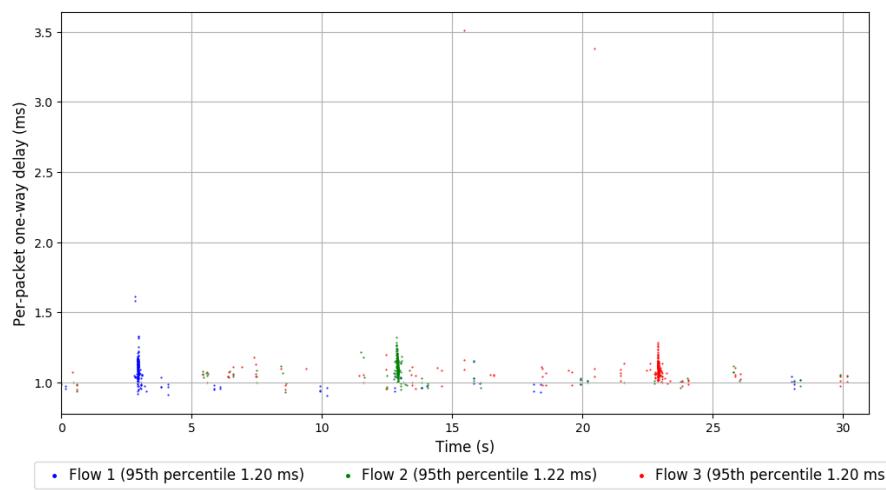
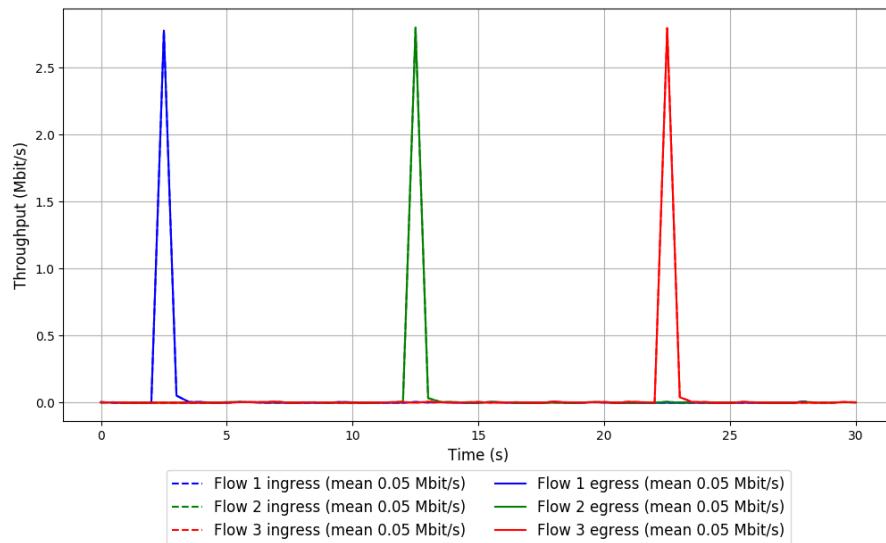


Run 1: Statistics of WebRTC media

```
Start at: 2018-02-13 13:48:15
End at: 2018-02-13 13:48:45
Local clock offset: -0.012 ms
Remote clock offset: -6.337 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 1.209 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.195 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.223 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.196 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

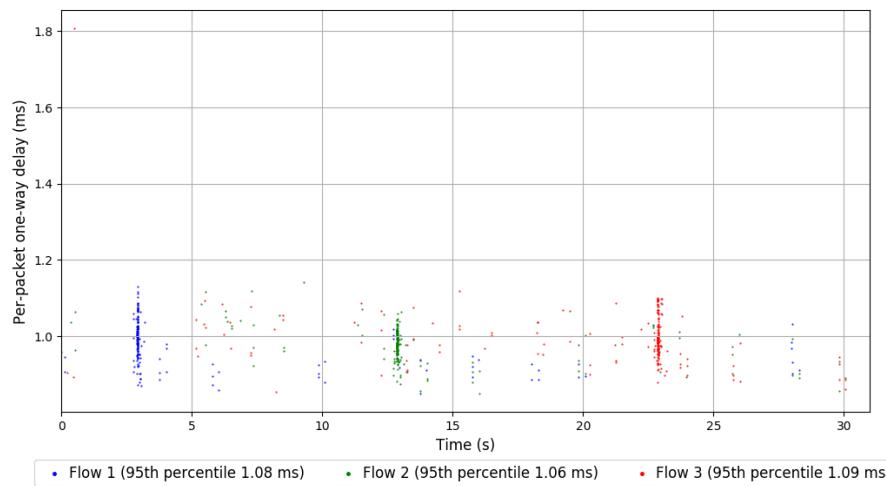
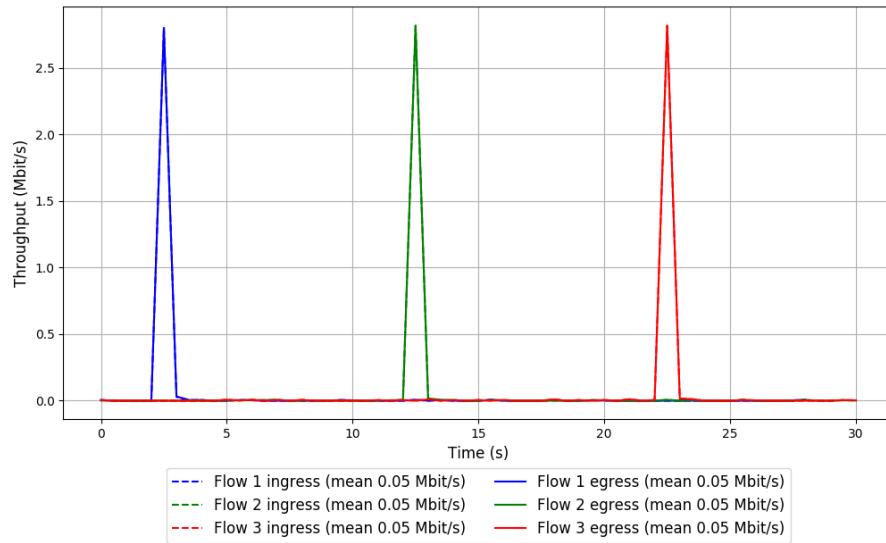


Run 2: Statistics of WebRTC media

```
Start at: 2018-02-13 14:17:21
End at: 2018-02-13 14:17:51
Local clock offset: 0.1 ms
Remote clock offset: -5.505 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 1.083 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.077 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.056 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.094 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

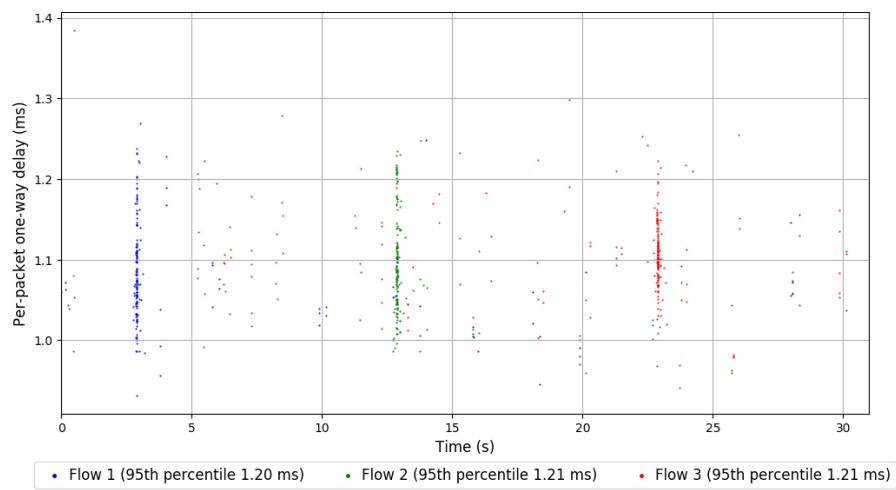
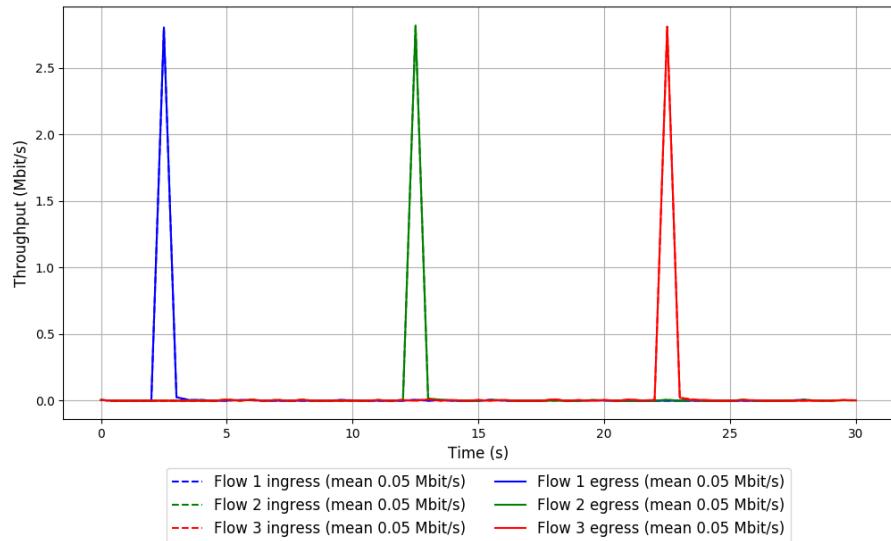


Run 3: Statistics of WebRTC media

```
Start at: 2018-02-13 14:46:27
End at: 2018-02-13 14:46:57
Local clock offset: 0.385 ms
Remote clock offset: -4.907 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 1.210 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.202 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.213 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.210 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

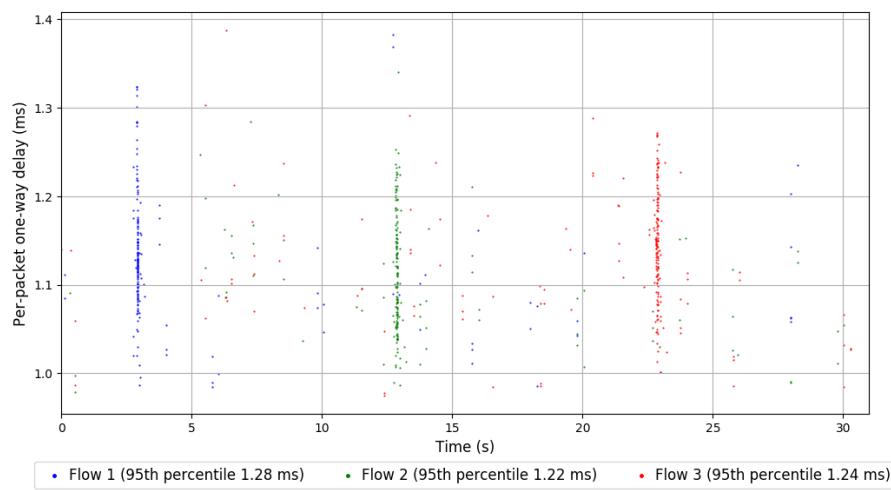
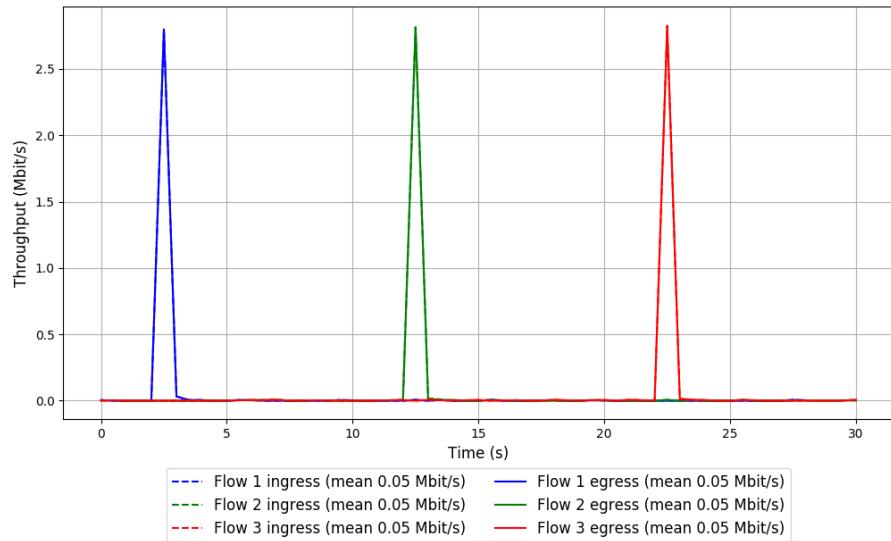


Run 4: Statistics of WebRTC media

```
Start at: 2018-02-13 15:15:38
End at: 2018-02-13 15:16:08
Local clock offset: 0.332 ms
Remote clock offset: -5.832 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 1.238 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.283 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.224 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.241 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

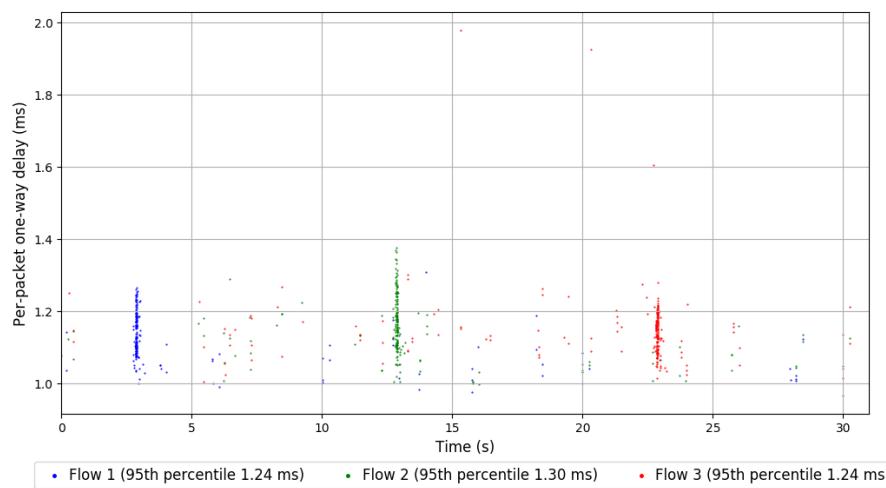
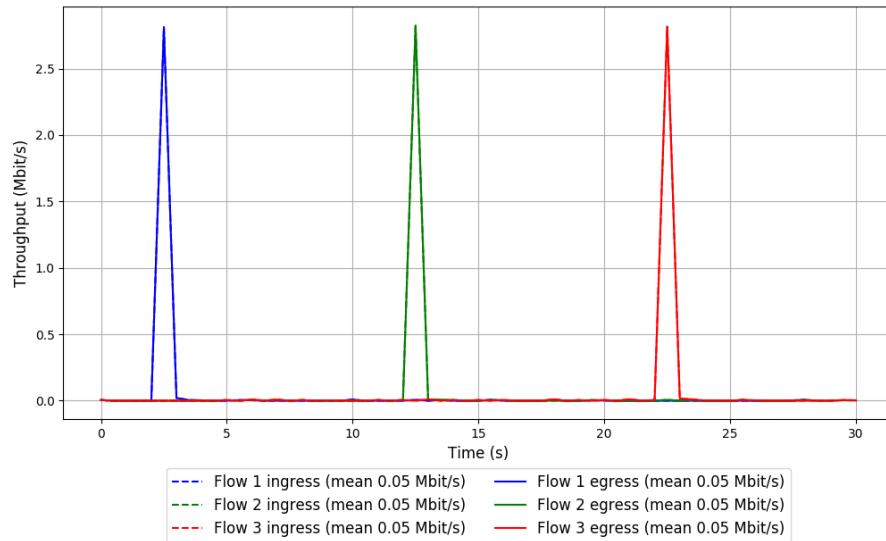


Run 5: Statistics of WebRTC media

```
Start at: 2018-02-13 15:44:40
End at: 2018-02-13 15:45:10
Local clock offset: 0.026 ms
Remote clock offset: -6.936 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 1.265 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.241 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.297 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.242 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

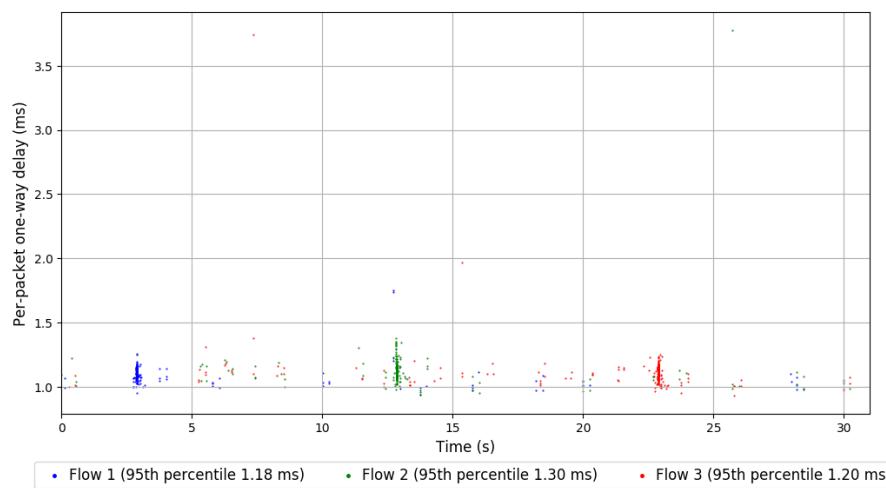
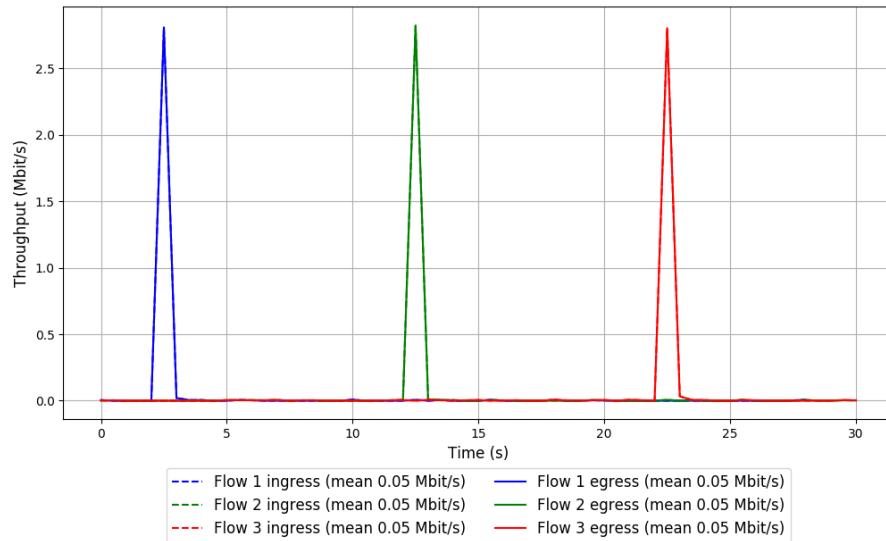


Run 6: Statistics of WebRTC media

```
Start at: 2018-02-13 16:13:47
End at: 2018-02-13 16:14:17
Local clock offset: -0.302 ms
Remote clock offset: -6.956 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 1.229 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.175 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.299 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.203 ms
Loss rate: 0.00%
```

Run 6: Report of WebRTC media — Data Link

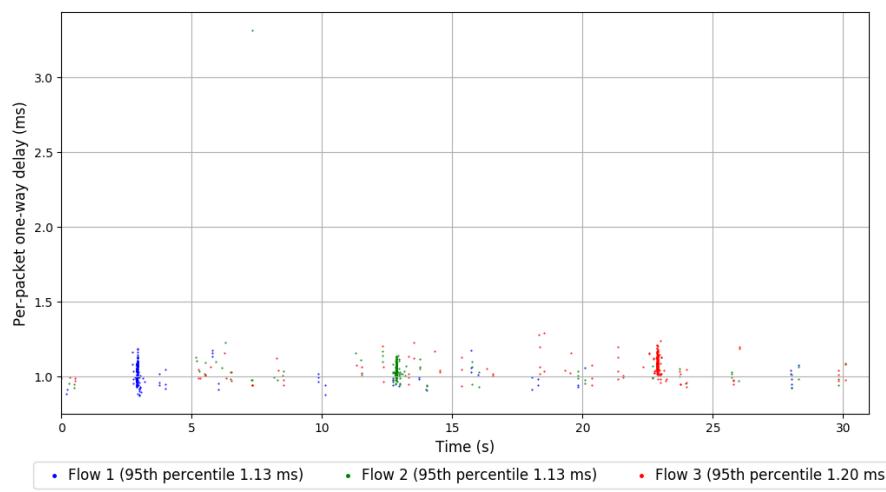
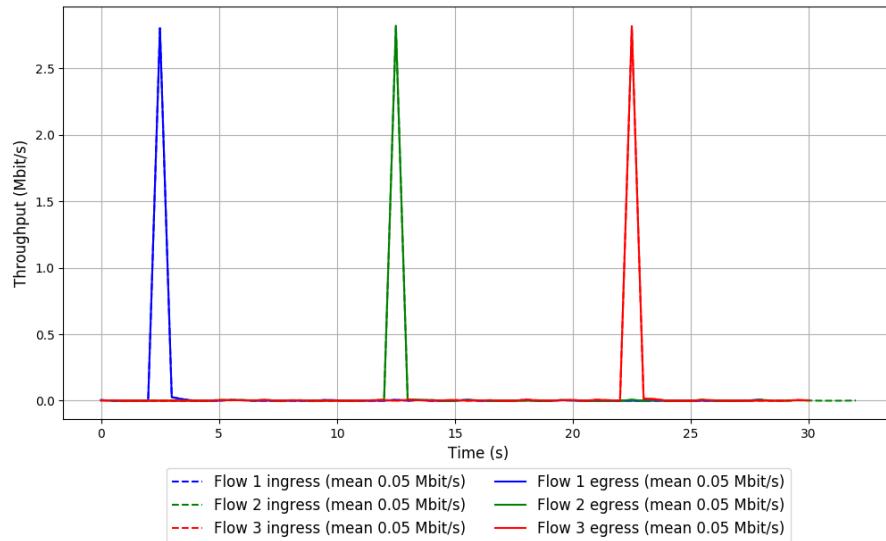


Run 7: Statistics of WebRTC media

```
Start at: 2018-02-13 16:42:51
End at: 2018-02-13 16:43:21
Local clock offset: -0.592 ms
Remote clock offset: -5.689 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 1.166 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.134 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.132 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.196 ms
Loss rate: 0.00%
```

Run 7: Report of WebRTC media — Data Link

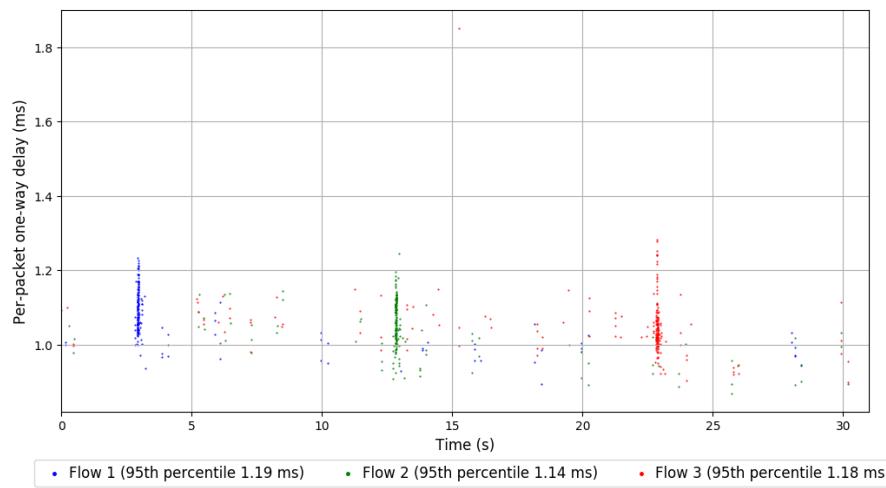
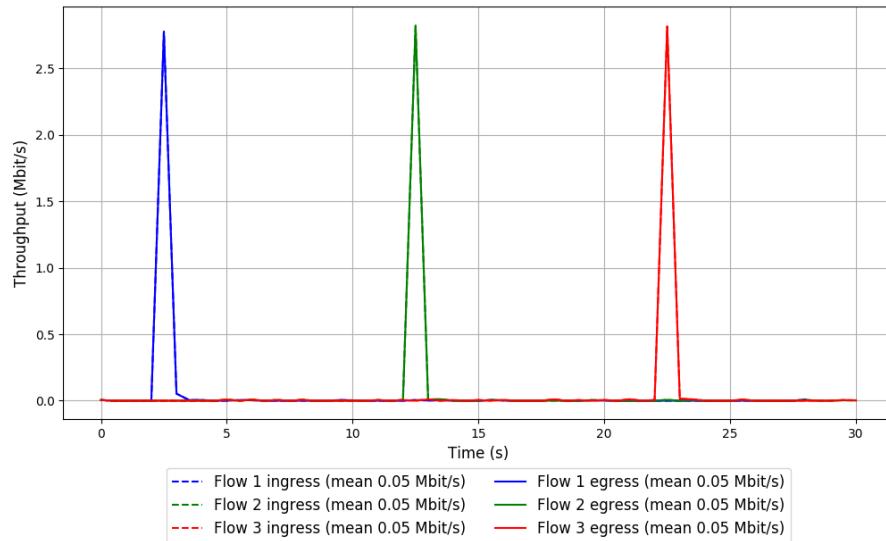


Run 8: Statistics of WebRTC media

```
Start at: 2018-02-13 17:11:43
End at: 2018-02-13 17:12:13
Local clock offset: 2.749 ms
Remote clock offset: -4.502 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 1.172 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.190 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.142 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.176 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

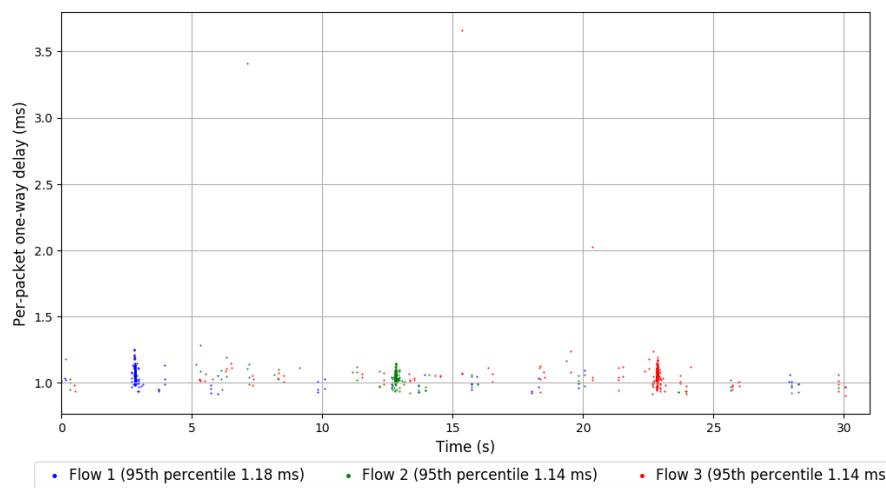
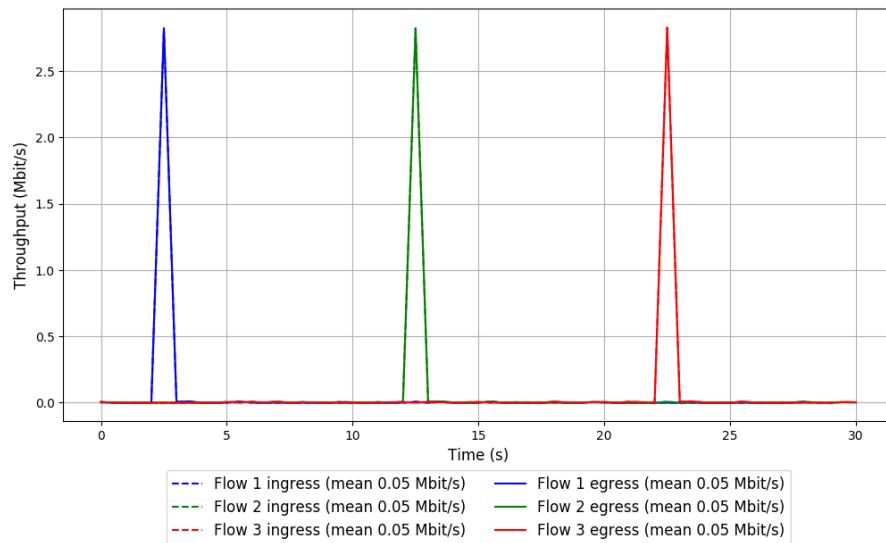


Run 9: Statistics of WebRTC media

```
Start at: 2018-02-13 17:40:47
End at: 2018-02-13 17:41:17
Local clock offset: 3.869 ms
Remote clock offset: -4.625 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 1.142 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.175 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.136 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.144 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link

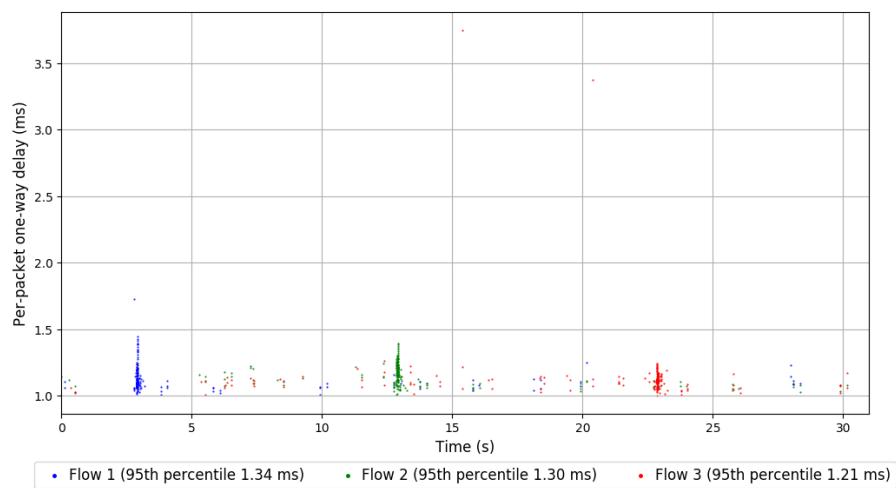
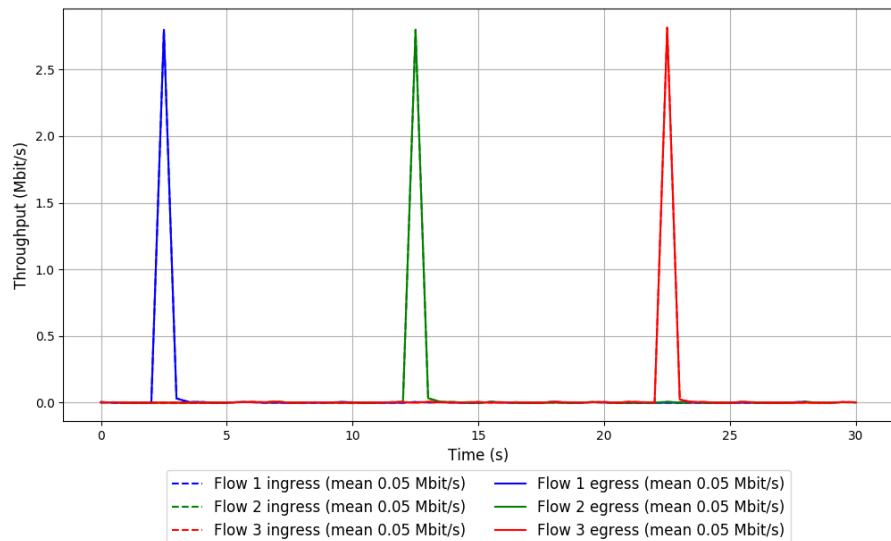


Run 10: Statistics of WebRTC media

```
Start at: 2018-02-13 18:09:57
End at: 2018-02-13 18:10:27
Local clock offset: -0.084 ms
Remote clock offset: -5.204 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 1.280 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.342 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.296 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.209 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

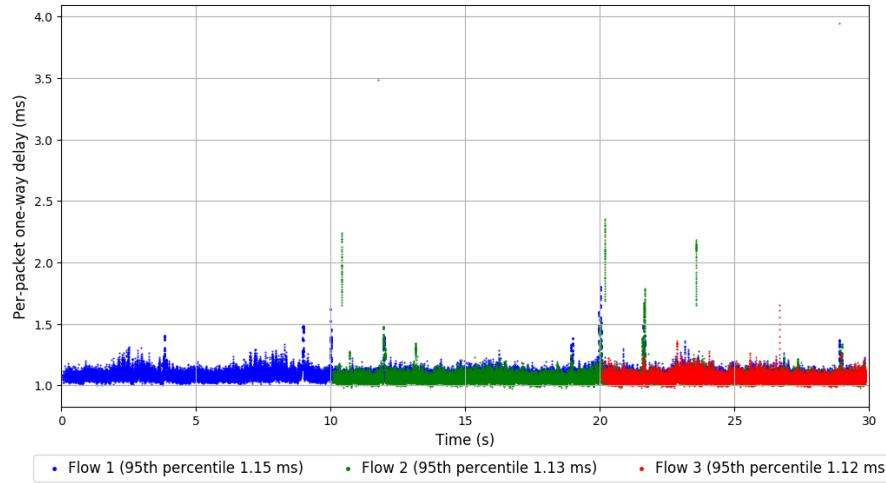
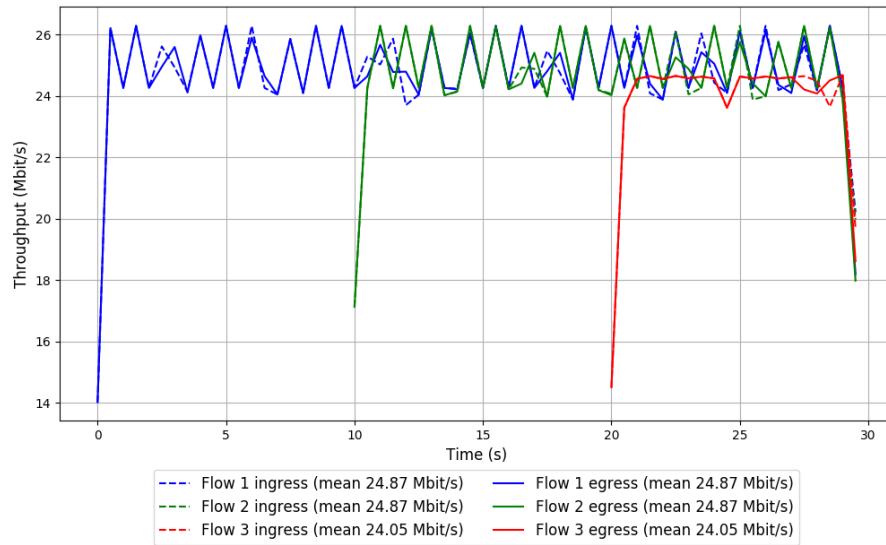


Run 1: Statistics of Sprout

```
Start at: 2018-02-13 13:39:03
End at: 2018-02-13 13:39:33
Local clock offset: -0.025 ms
Remote clock offset: -6.769 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.26 Mbit/s
95th percentile per-packet one-way delay: 1.142 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 24.87 Mbit/s
95th percentile per-packet one-way delay: 1.153 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 24.87 Mbit/s
95th percentile per-packet one-way delay: 1.126 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 24.05 Mbit/s
95th percentile per-packet one-way delay: 1.123 ms
Loss rate: 0.22%
```

Run 1: Report of Sprout — Data Link

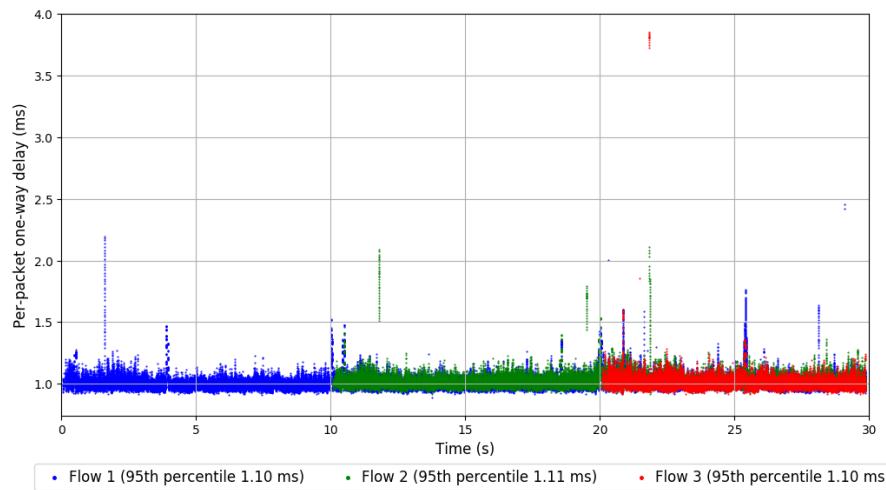
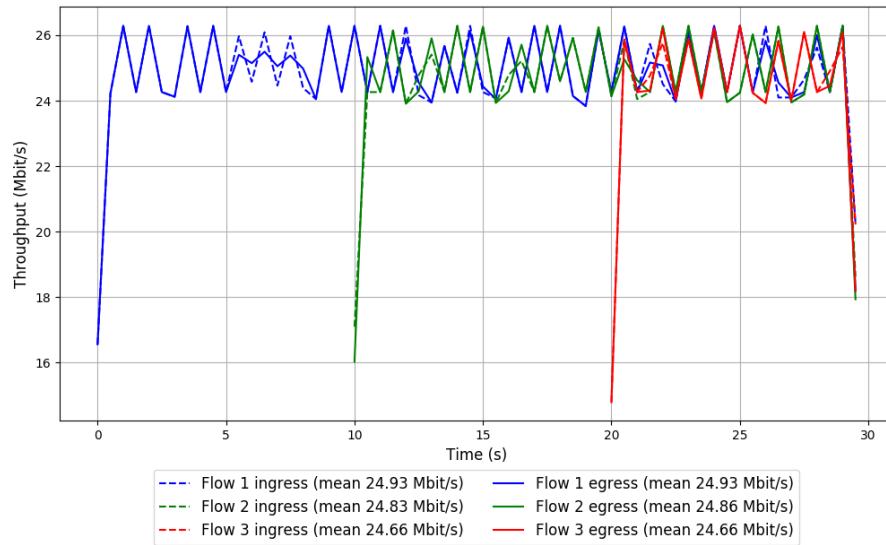


Run 2: Statistics of Sprout

```
Start at: 2018-02-13 14:08:11
End at: 2018-02-13 14:08:41
Local clock offset: 0.04 ms
Remote clock offset: -5.682 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.52 Mbit/s
95th percentile per-packet one-way delay: 1.101 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 24.93 Mbit/s
95th percentile per-packet one-way delay: 1.097 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 24.86 Mbit/s
95th percentile per-packet one-way delay: 1.107 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 24.66 Mbit/s
95th percentile per-packet one-way delay: 1.096 ms
Loss rate: 0.42%
```

Run 2: Report of Sprout — Data Link

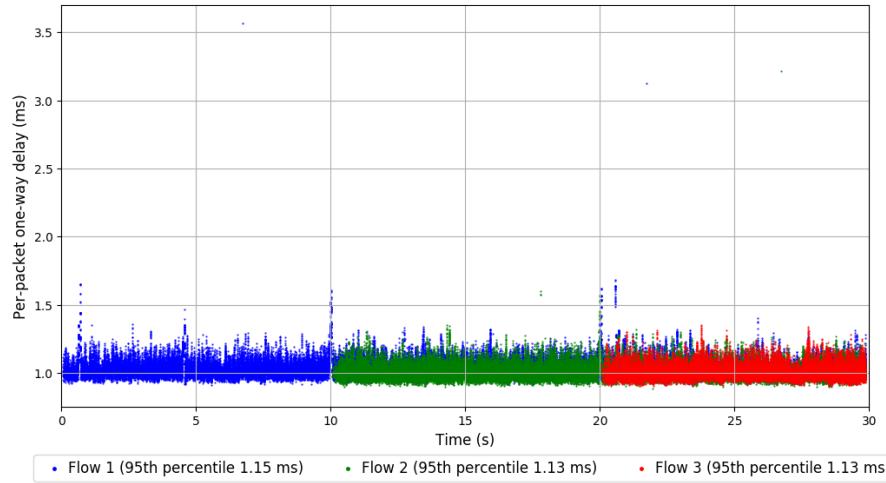
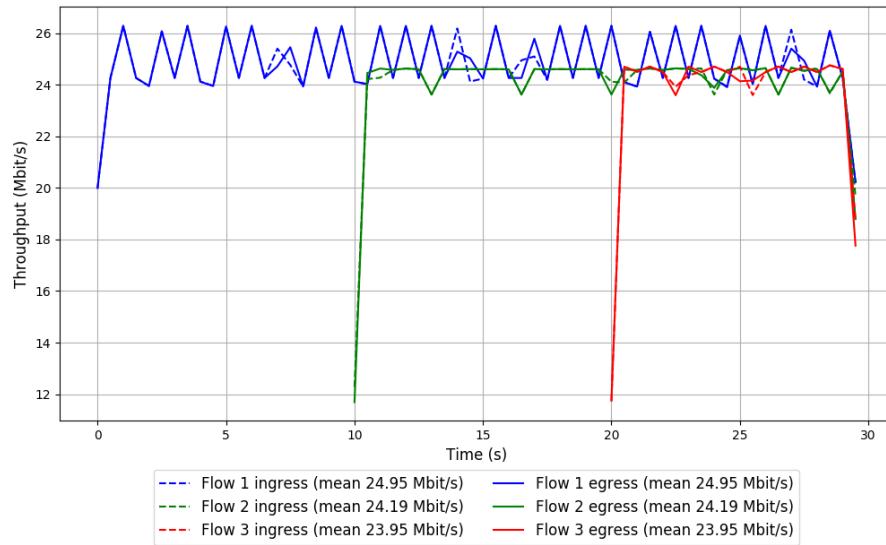


Run 3: Statistics of Sprout

```
Start at: 2018-02-13 14:37:10
End at: 2018-02-13 14:37:40
Local clock offset: 0.317 ms
Remote clock offset: -4.979 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.88 Mbit/s
95th percentile per-packet one-way delay: 1.137 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 24.95 Mbit/s
95th percentile per-packet one-way delay: 1.146 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.19 Mbit/s
95th percentile per-packet one-way delay: 1.127 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 23.95 Mbit/s
95th percentile per-packet one-way delay: 1.127 ms
Loss rate: 0.21%
```

Run 3: Report of Sprout — Data Link

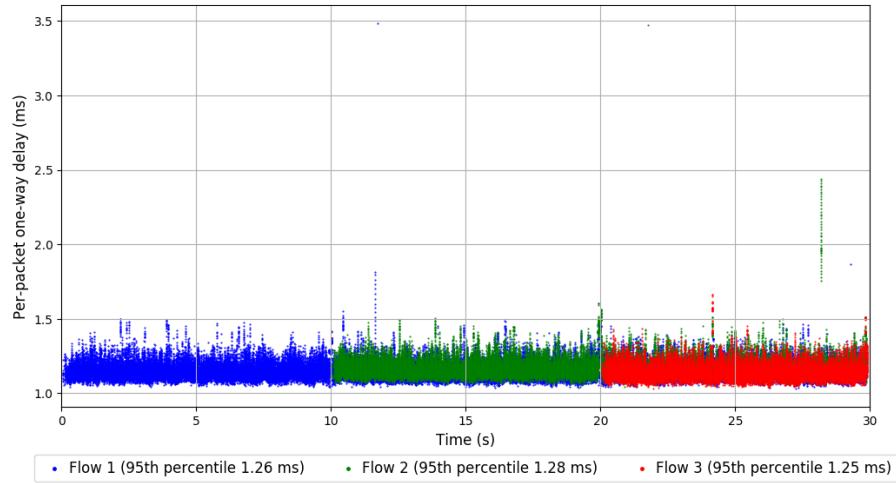
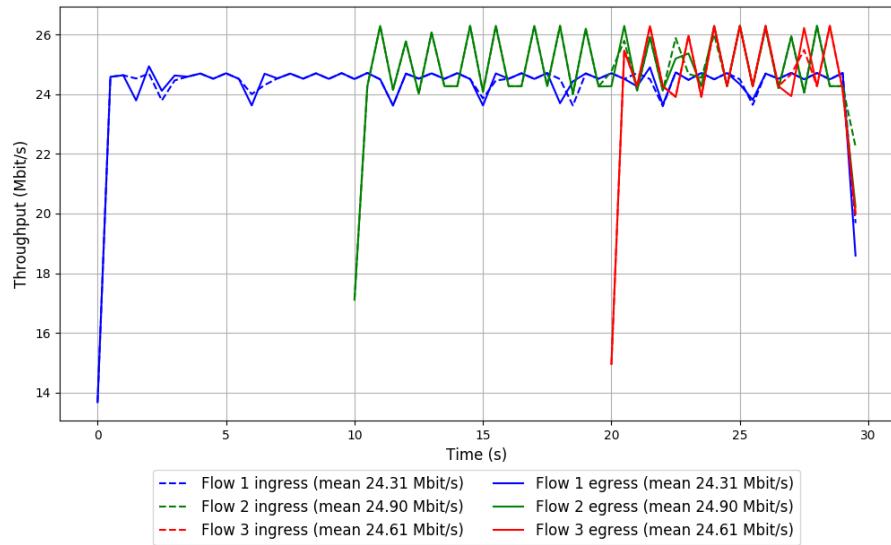


Run 4: Statistics of Sprout

```
Start at: 2018-02-13 15:06:20
End at: 2018-02-13 15:06:50
Local clock offset: 0.46 ms
Remote clock offset: -5.691 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.97 Mbit/s
95th percentile per-packet one-way delay: 1.268 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 24.31 Mbit/s
95th percentile per-packet one-way delay: 1.262 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 24.90 Mbit/s
95th percentile per-packet one-way delay: 1.282 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 24.61 Mbit/s
95th percentile per-packet one-way delay: 1.253 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

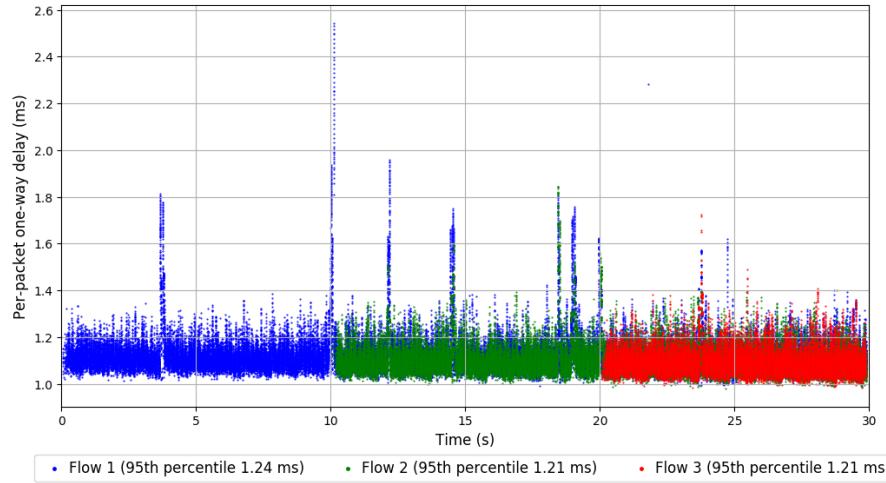
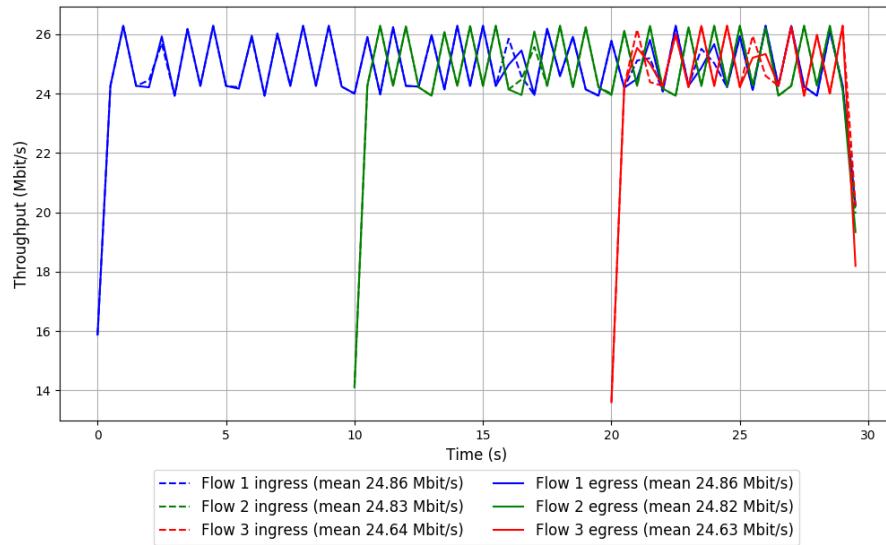


Run 5: Statistics of Sprout

```
Start at: 2018-02-13 15:35:26
End at: 2018-02-13 15:35:56
Local clock offset: 0.232 ms
Remote clock offset: -6.622 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.43 Mbit/s
95th percentile per-packet one-way delay: 1.223 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 24.86 Mbit/s
95th percentile per-packet one-way delay: 1.237 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.82 Mbit/s
95th percentile per-packet one-way delay: 1.214 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 24.63 Mbit/s
95th percentile per-packet one-way delay: 1.205 ms
Loss rate: 0.42%
```

Run 5: Report of Sprout — Data Link

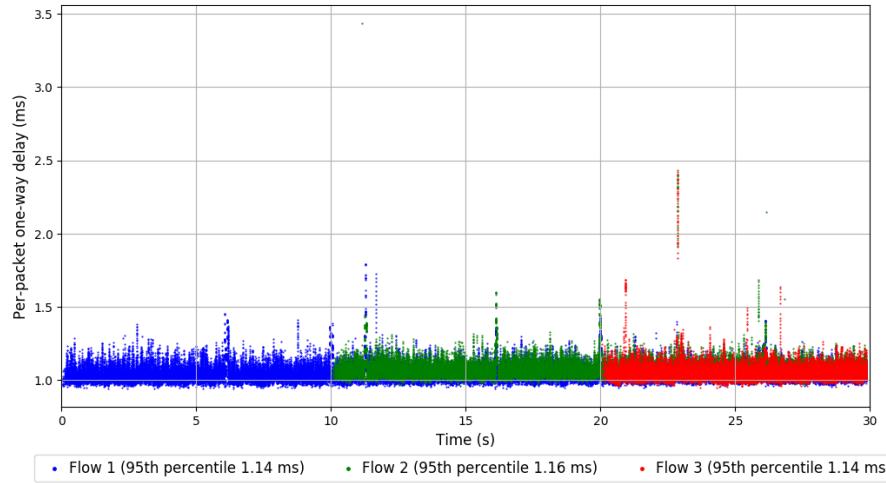
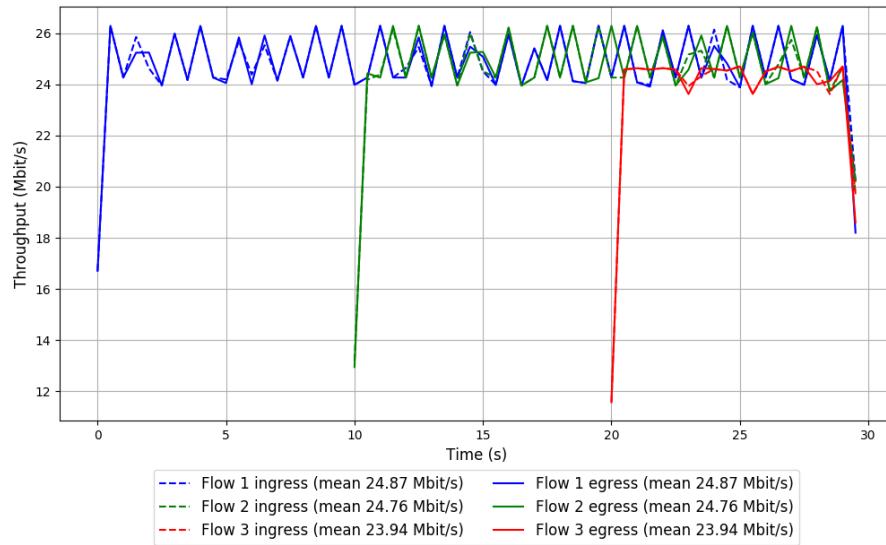


Run 6: Statistics of Sprout

```
Start at: 2018-02-13 16:04:33
End at: 2018-02-13 16:05:03
Local clock offset: -0.201 ms
Remote clock offset: -6.973 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.17 Mbit/s
95th percentile per-packet one-way delay: 1.147 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 24.87 Mbit/s
95th percentile per-packet one-way delay: 1.139 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 24.76 Mbit/s
95th percentile per-packet one-way delay: 1.157 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 23.94 Mbit/s
95th percentile per-packet one-way delay: 1.144 ms
Loss rate: 0.23%
```

Run 6: Report of Sprout — Data Link

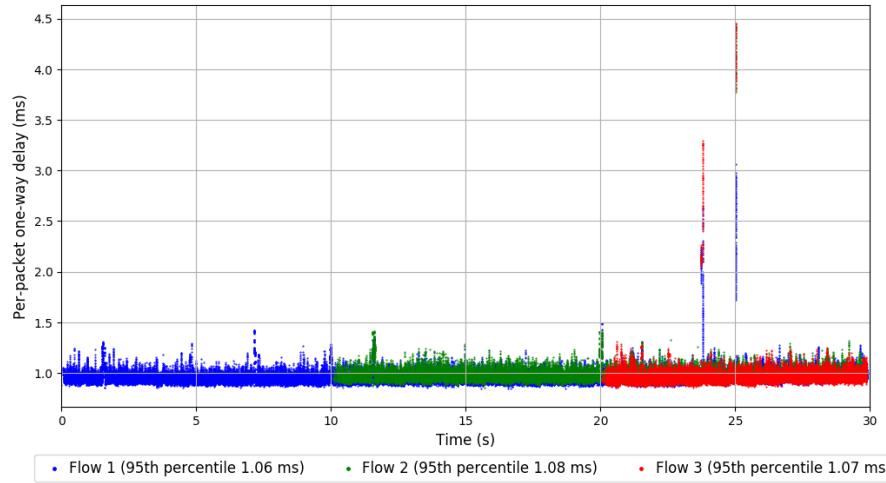
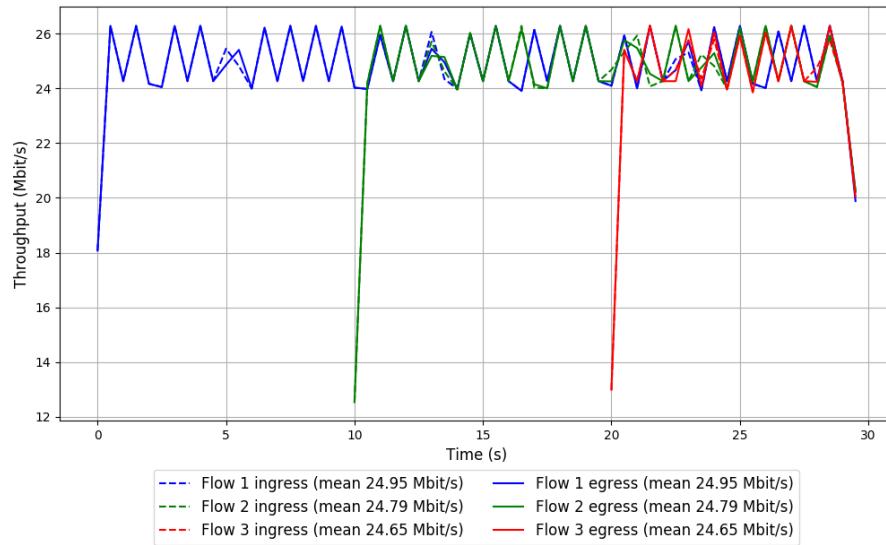


Run 7: Statistics of Sprout

```
Start at: 2018-02-13 16:33:37
End at: 2018-02-13 16:34:07
Local clock offset: -0.573 ms
Remote clock offset: -6.982 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.49 Mbit/s
95th percentile per-packet one-way delay: 1.069 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 24.95 Mbit/s
95th percentile per-packet one-way delay: 1.060 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 24.79 Mbit/s
95th percentile per-packet one-way delay: 1.079 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.65 Mbit/s
95th percentile per-packet one-way delay: 1.068 ms
Loss rate: 0.00%
```

Run 7: Report of Sprout — Data Link

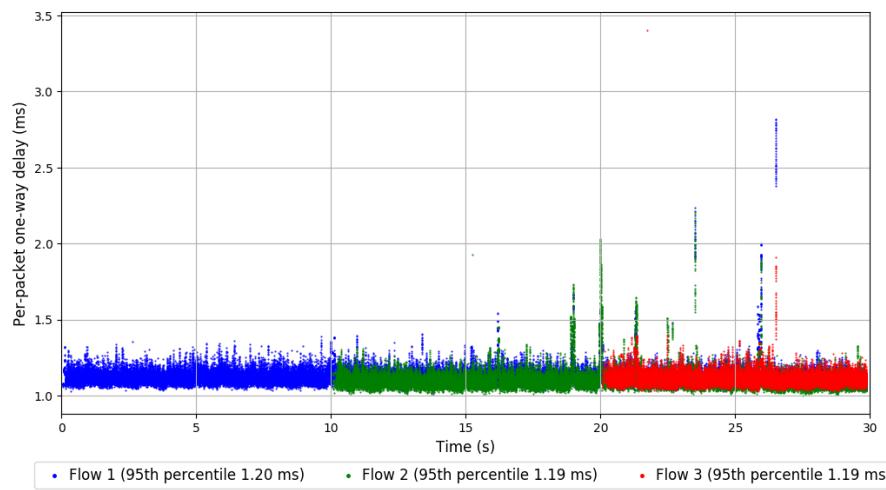
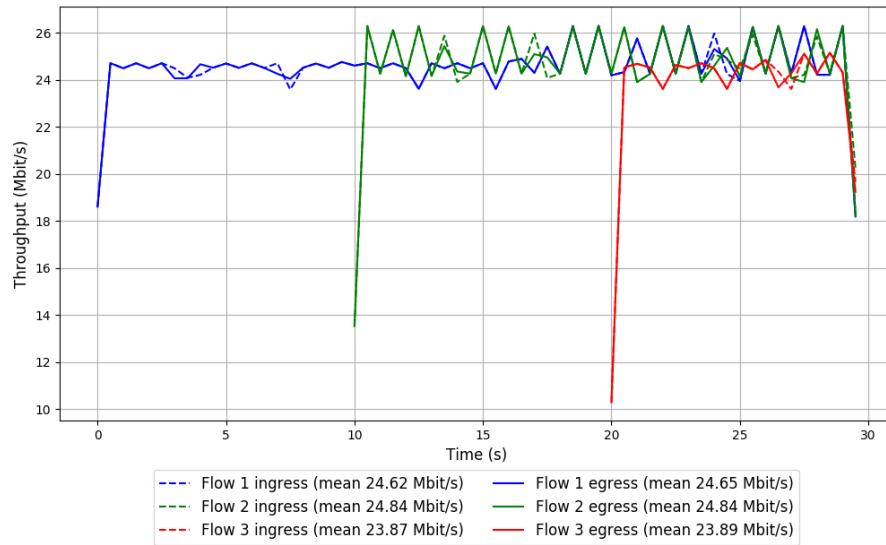


Run 8: Statistics of Sprout

```
Start at: 2018-02-13 17:02:28
End at: 2018-02-13 17:02:58
Local clock offset: 2.223 ms
Remote clock offset: -4.431 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.97 Mbit/s
95th percentile per-packet one-way delay: 1.198 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 24.65 Mbit/s
95th percentile per-packet one-way delay: 1.203 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 24.84 Mbit/s
95th percentile per-packet one-way delay: 1.190 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 23.89 Mbit/s
95th percentile per-packet one-way delay: 1.192 ms
Loss rate: 0.09%
```

Run 8: Report of Sprout — Data Link

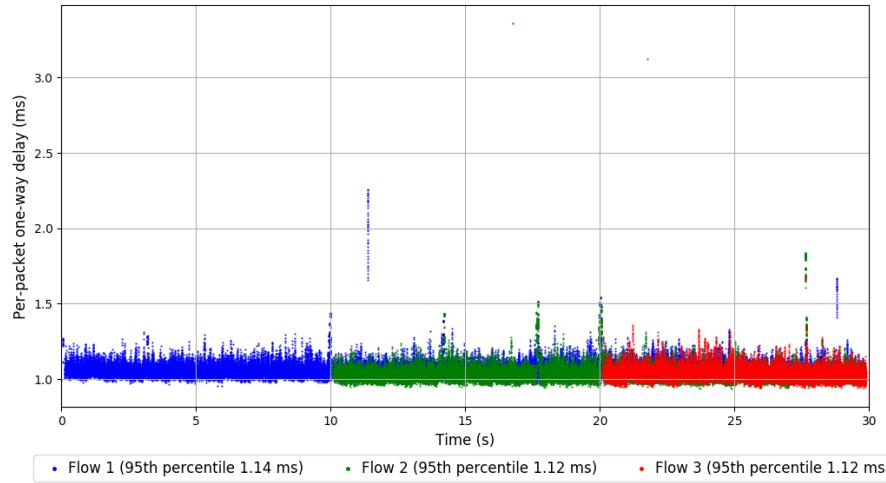
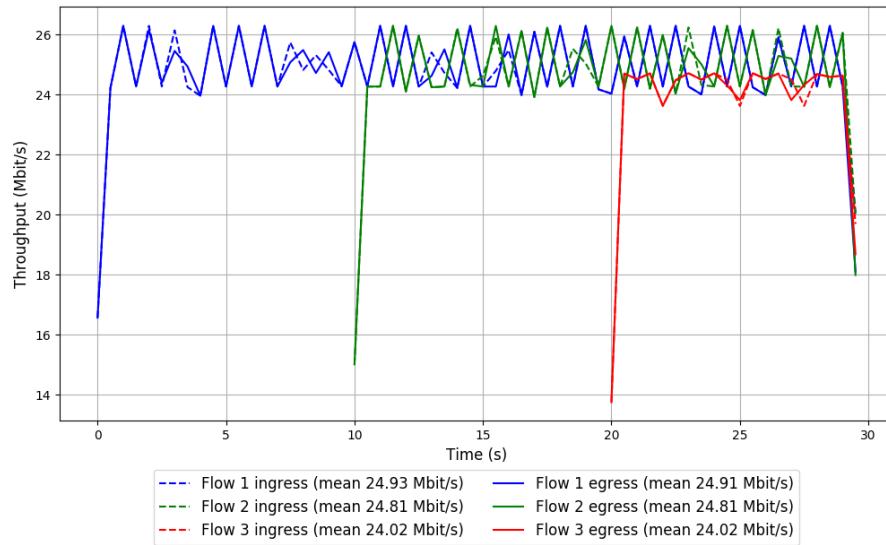


Run 9: Statistics of Sprout

```
Start at: 2018-02-13 17:31:30
End at: 2018-02-13 17:32:00
Local clock offset: 3.543 ms
Remote clock offset: -4.85 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.29 Mbit/s
95th percentile per-packet one-way delay: 1.132 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 24.91 Mbit/s
95th percentile per-packet one-way delay: 1.139 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 24.81 Mbit/s
95th percentile per-packet one-way delay: 1.118 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 24.02 Mbit/s
95th percentile per-packet one-way delay: 1.125 ms
Loss rate: 0.21%
```

Run 9: Report of Sprout — Data Link

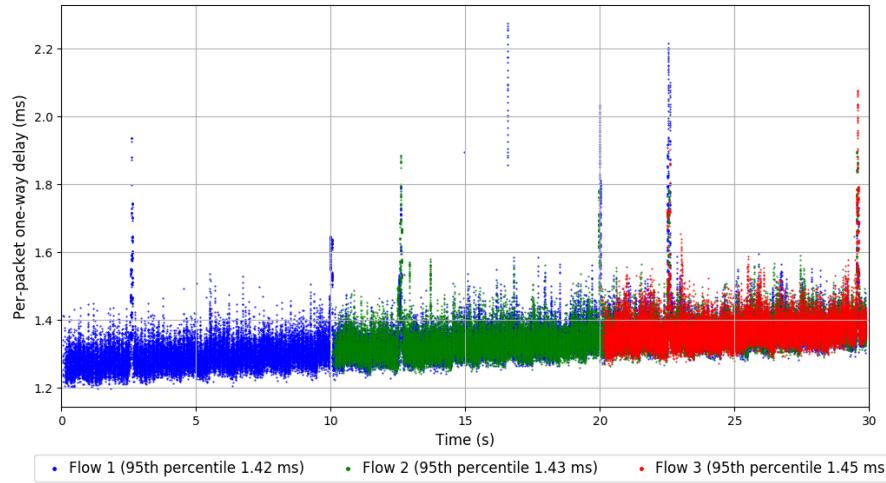
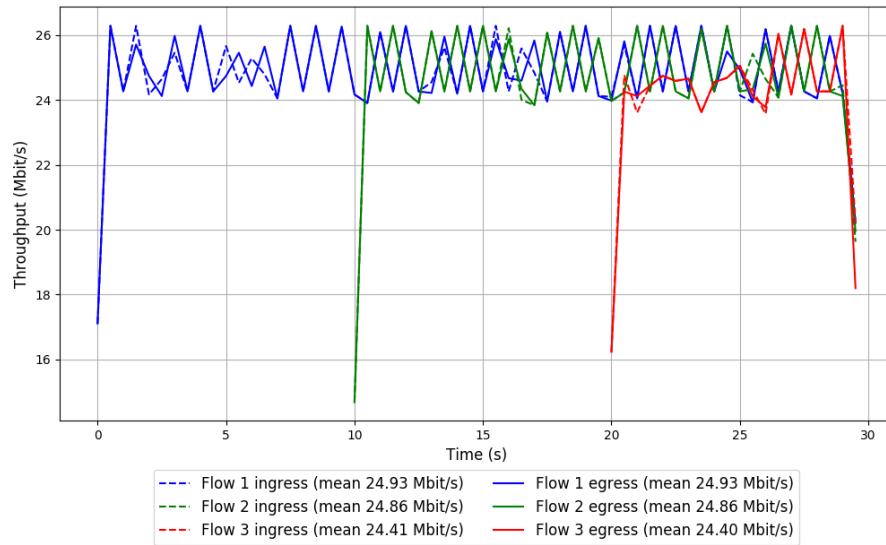


Run 10: Statistics of Sprout

```
Start at: 2018-02-13 18:00:45
End at: 2018-02-13 18:01:15
Local clock offset: 1.498 ms
Remote clock offset: -5.254 ms

# Below is generated by plot.py at 2018-02-14 00:31:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.43 Mbit/s
95th percentile per-packet one-way delay: 1.431 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 24.93 Mbit/s
95th percentile per-packet one-way delay: 1.421 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.86 Mbit/s
95th percentile per-packet one-way delay: 1.432 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.40 Mbit/s
95th percentile per-packet one-way delay: 1.452 ms
Loss rate: 0.42%
```

Run 10: Report of Sprout — Data Link

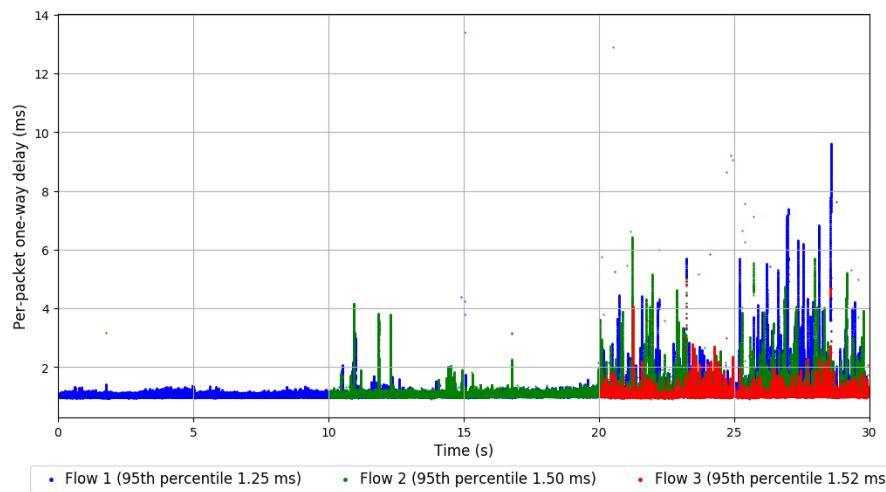
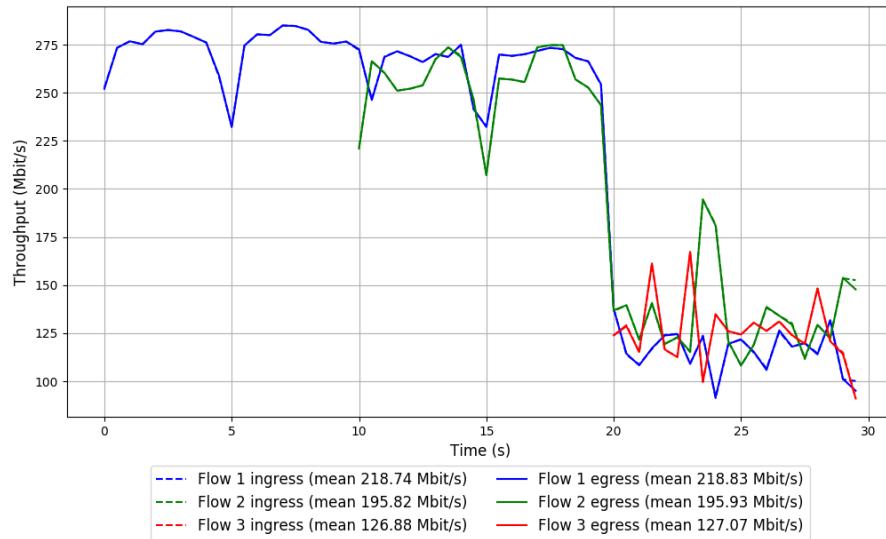


Run 1: Statistics of TaoVA-100x

```
Start at: 2018-02-13 13:43:37
End at: 2018-02-13 13:44:07
Local clock offset: -0.099 ms
Remote clock offset: -6.773 ms

# Below is generated by plot.py at 2018-02-14 00:38:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 391.14 Mbit/s
95th percentile per-packet one-way delay: 1.376 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 218.83 Mbit/s
95th percentile per-packet one-way delay: 1.247 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 195.93 Mbit/s
95th percentile per-packet one-way delay: 1.501 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 127.07 Mbit/s
95th percentile per-packet one-way delay: 1.517 ms
Loss rate: 0.05%
```

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

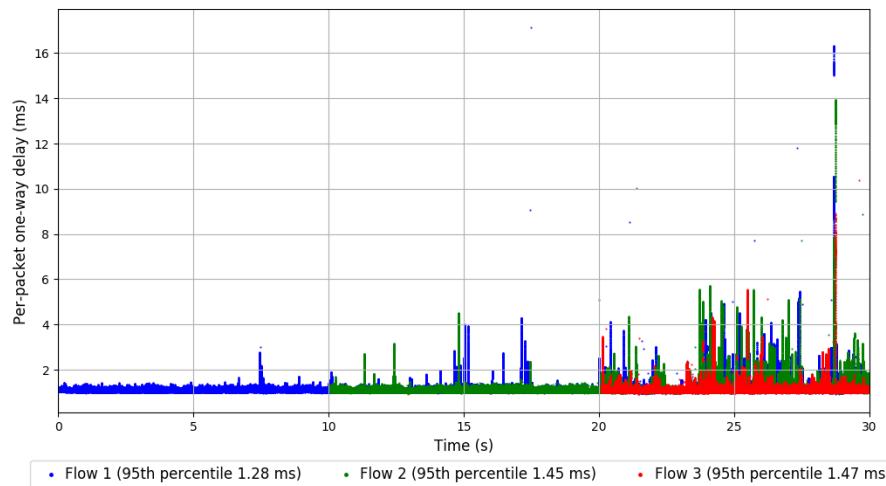
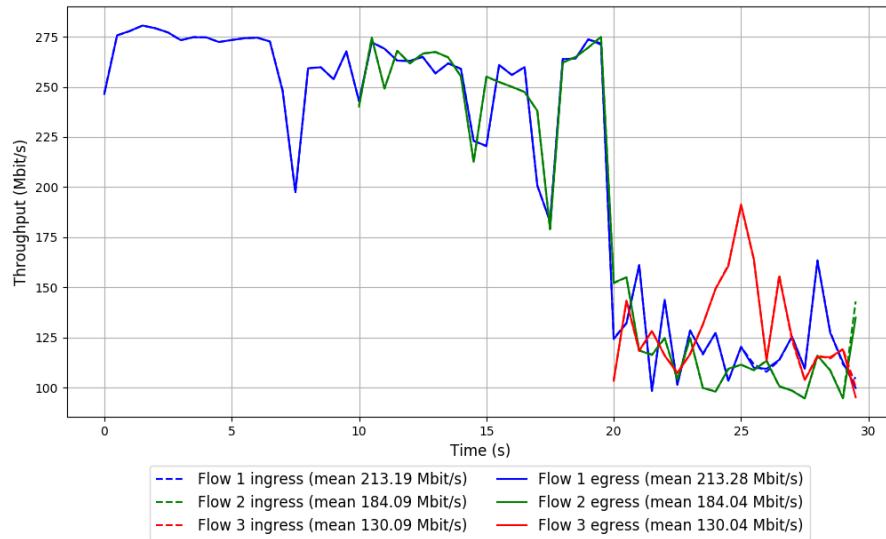


Run 2: Statistics of TaoVA-100x

```
Start at: 2018-02-13 14:12:44
End at: 2018-02-13 14:13:14
Local clock offset: 0.148 ms
Remote clock offset: -5.619 ms

# Below is generated by plot.py at 2018-02-14 00:38:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 378.75 Mbit/s
95th percentile per-packet one-way delay: 1.350 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 213.28 Mbit/s
95th percentile per-packet one-way delay: 1.284 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 184.04 Mbit/s
95th percentile per-packet one-way delay: 1.448 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 130.04 Mbit/s
95th percentile per-packet one-way delay: 1.467 ms
Loss rate: 0.22%
```

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

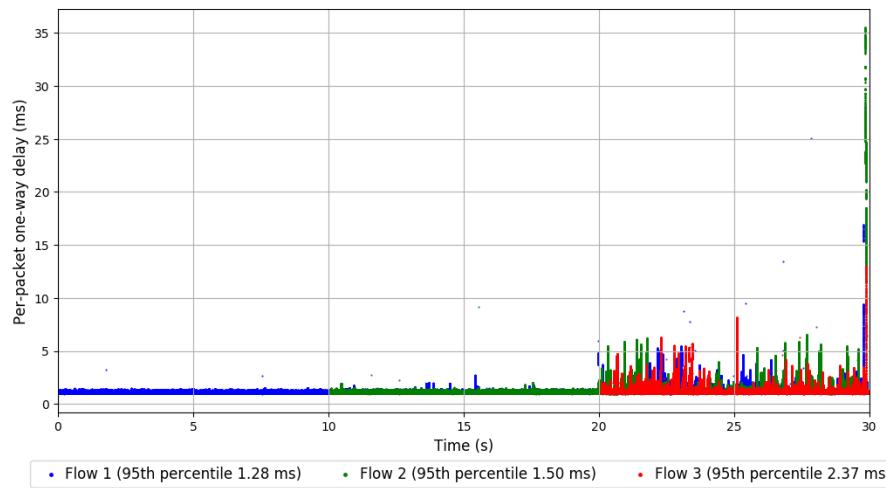
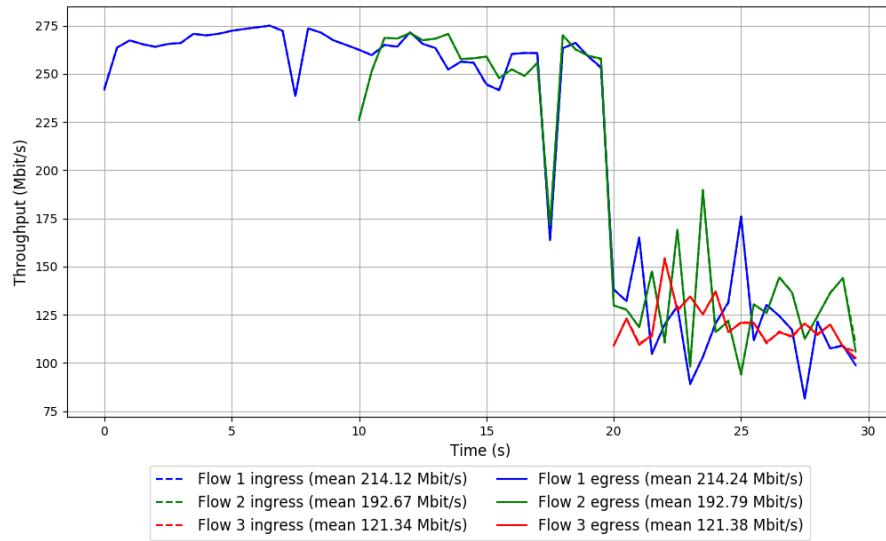


Run 3: Statistics of TaoVA-100x

```
Start at: 2018-02-13 14:41:43
End at: 2018-02-13 14:42:13
Local clock offset: 0.365 ms
Remote clock offset: -4.994 ms

# Below is generated by plot.py at 2018-02-14 00:38:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 382.51 Mbit/s
95th percentile per-packet one-way delay: 1.436 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 214.24 Mbit/s
95th percentile per-packet one-way delay: 1.285 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 192.79 Mbit/s
95th percentile per-packet one-way delay: 1.504 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 121.38 Mbit/s
95th percentile per-packet one-way delay: 2.367 ms
Loss rate: 0.15%
```

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

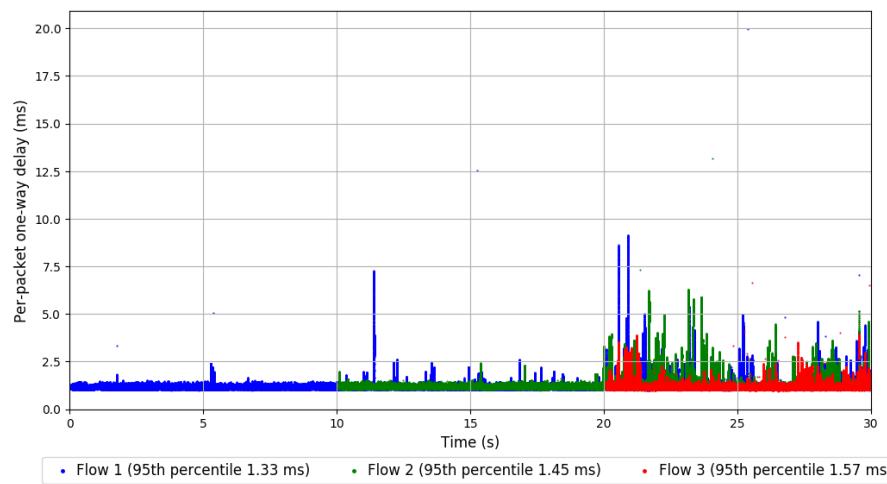
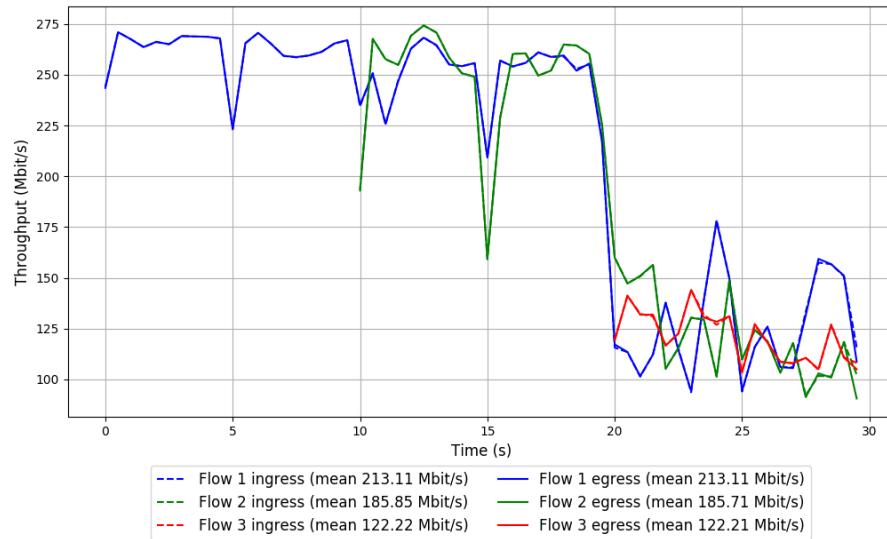


Run 4: Statistics of TaoVA-100x

```
Start at: 2018-02-13 15:10:55
End at: 2018-02-13 15:11:25
Local clock offset: 0.386 ms
Remote clock offset: -5.787 ms

# Below is generated by plot.py at 2018-02-14 00:38:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 376.98 Mbit/s
95th percentile per-packet one-way delay: 1.389 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 213.11 Mbit/s
95th percentile per-packet one-way delay: 1.331 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 185.71 Mbit/s
95th percentile per-packet one-way delay: 1.450 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 122.21 Mbit/s
95th percentile per-packet one-way delay: 1.571 ms
Loss rate: 0.15%
```

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

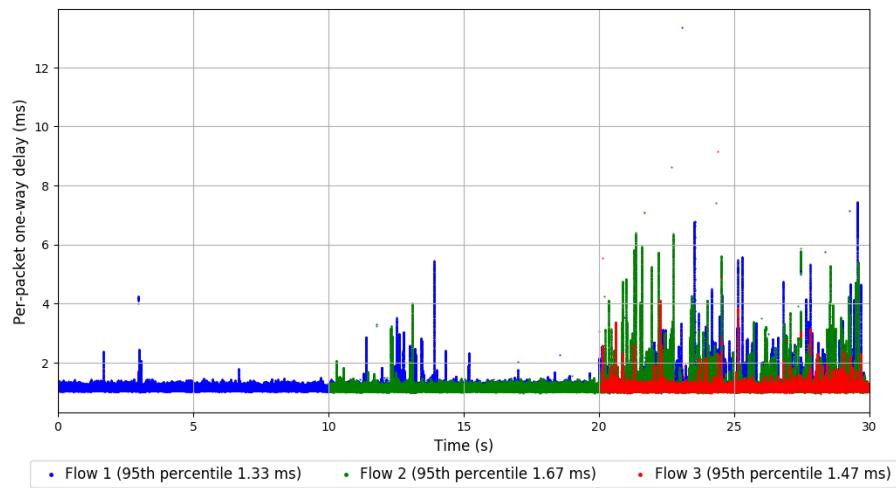
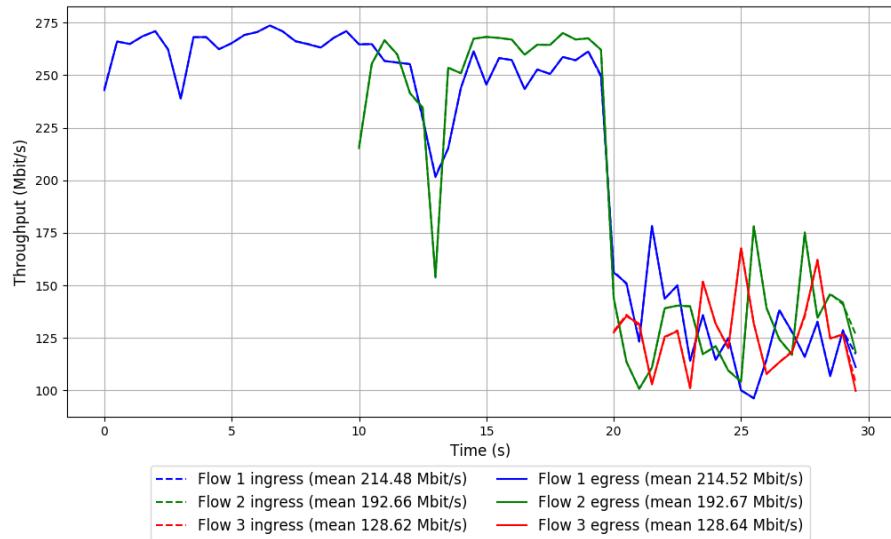


Run 5: Statistics of TaoVA-100x

```
Start at: 2018-02-13 15:39:57
End at: 2018-02-13 15:40:27
Local clock offset: 0.159 ms
Remote clock offset: -6.782 ms

# Below is generated by plot.py at 2018-02-14 00:39:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 385.13 Mbit/s
95th percentile per-packet one-way delay: 1.437 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 214.52 Mbit/s
95th percentile per-packet one-way delay: 1.335 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 192.67 Mbit/s
95th percentile per-packet one-way delay: 1.673 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 128.64 Mbit/s
95th percentile per-packet one-way delay: 1.466 ms
Loss rate: 0.17%
```

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

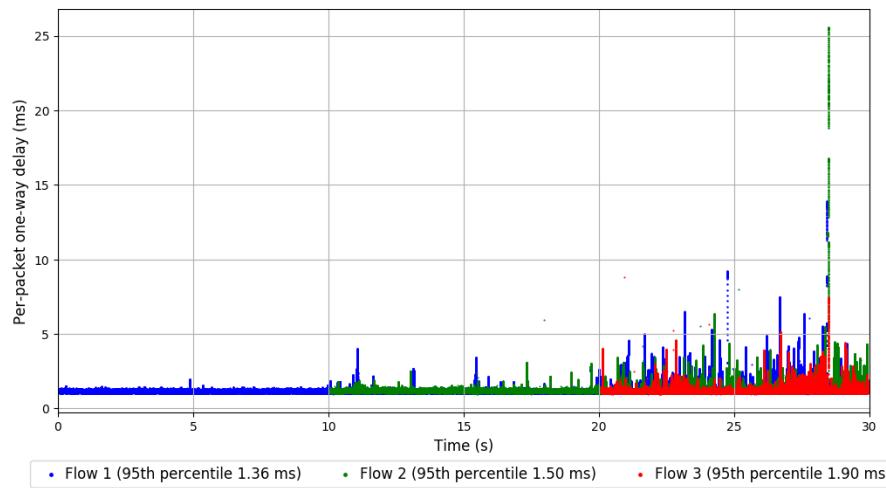
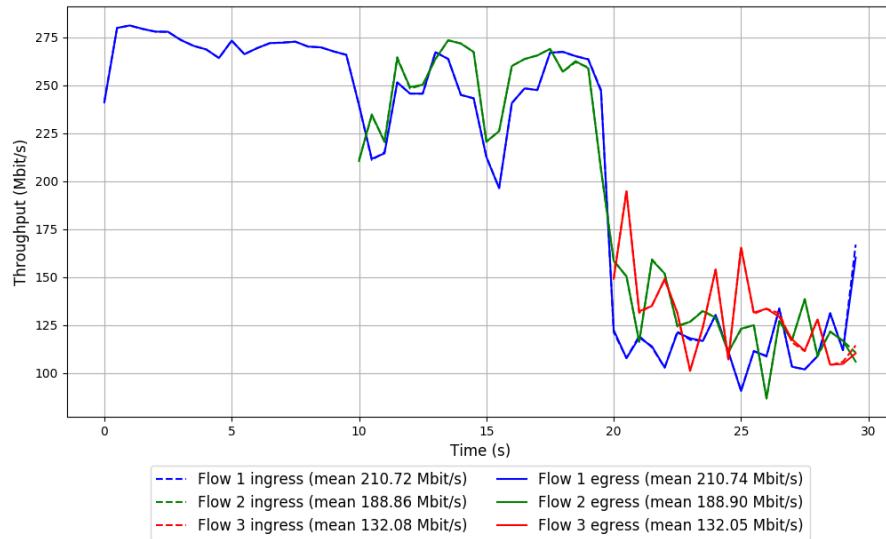


Run 6: Statistics of TaoVA-100x

```
Start at: 2018-02-13 16:09:04
End at: 2018-02-13 16:09:34
Local clock offset: -0.248 ms
Remote clock offset: -7.005 ms

# Below is generated by plot.py at 2018-02-14 00:39:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 379.99 Mbit/s
95th percentile per-packet one-way delay: 1.491 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 210.74 Mbit/s
95th percentile per-packet one-way delay: 1.359 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 188.90 Mbit/s
95th percentile per-packet one-way delay: 1.499 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 132.05 Mbit/s
95th percentile per-packet one-way delay: 1.903 ms
Loss rate: 0.20%
```

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

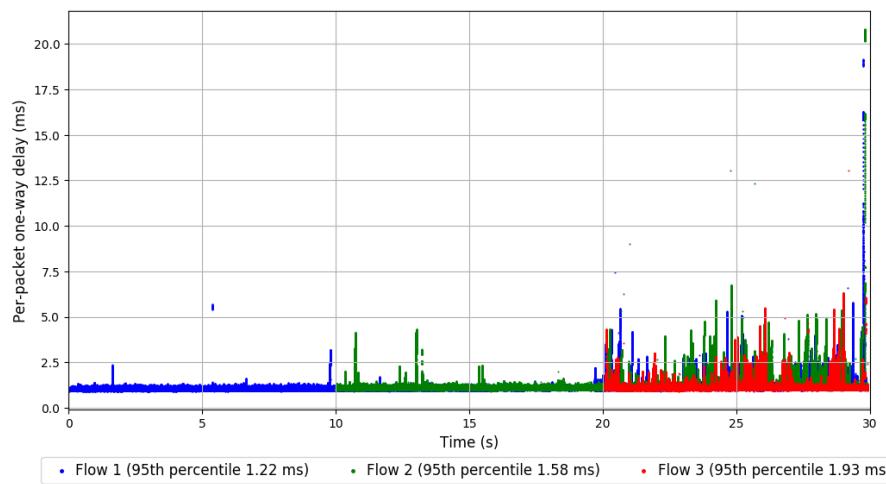
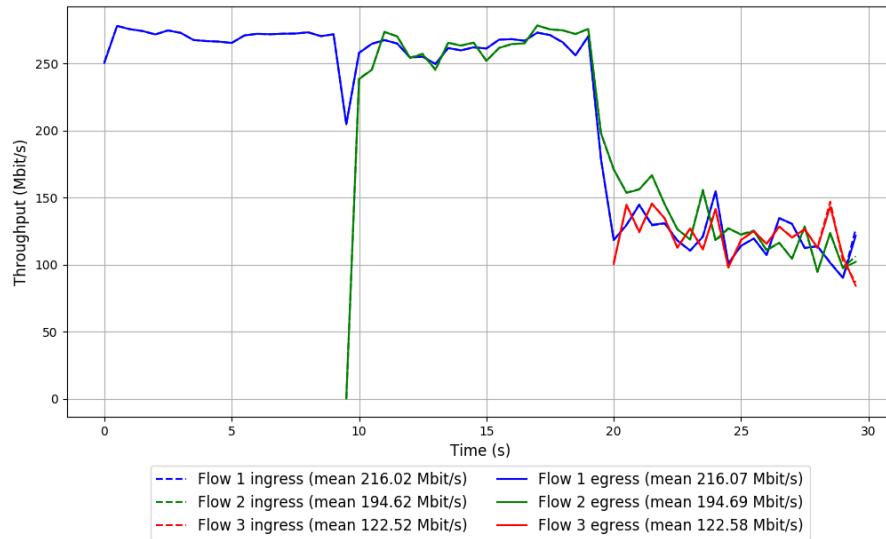


Run 7: Statistics of TaoVA-100x

```
Start at: 2018-02-13 16:38:09
End at: 2018-02-13 16:38:39
Local clock offset: -0.592 ms
Remote clock offset: -6.316 ms

# Below is generated by plot.py at 2018-02-14 00:39:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 386.25 Mbit/s
95th percentile per-packet one-way delay: 1.400 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 216.07 Mbit/s
95th percentile per-packet one-way delay: 1.218 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 194.69 Mbit/s
95th percentile per-packet one-way delay: 1.583 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 122.58 Mbit/s
95th percentile per-packet one-way delay: 1.934 ms
Loss rate: 0.13%
```

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

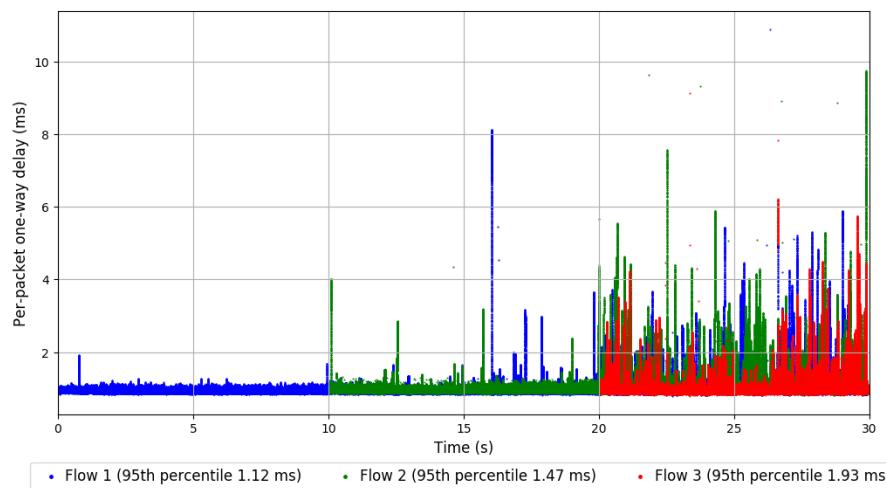
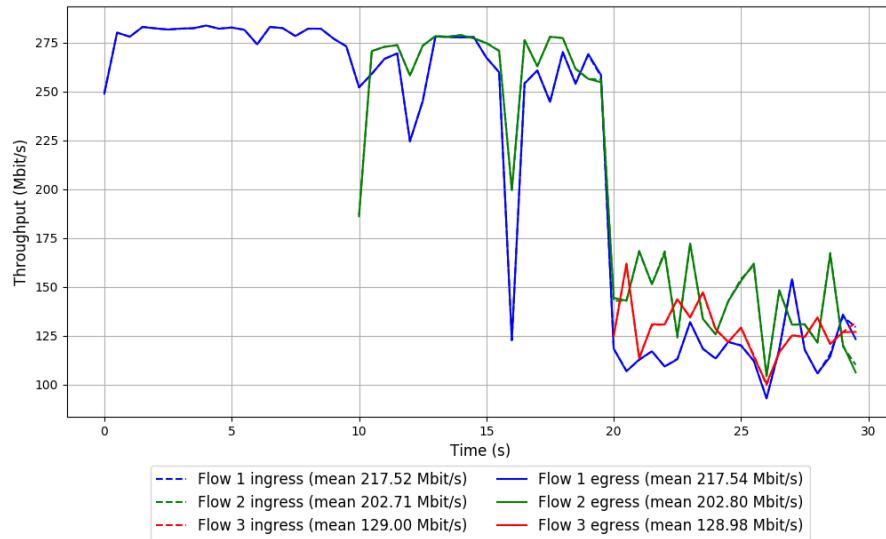


Run 8: Statistics of TaoVA-100x

```
Start at: 2018-02-13 17:07:02
End at: 2018-02-13 17:07:32
Local clock offset: 2.402 ms
Remote clock offset: -4.146 ms

# Below is generated by plot.py at 2018-02-14 00:41:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 395.06 Mbit/s
95th percentile per-packet one-way delay: 1.353 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 217.54 Mbit/s
95th percentile per-packet one-way delay: 1.116 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 202.80 Mbit/s
95th percentile per-packet one-way delay: 1.467 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 128.98 Mbit/s
95th percentile per-packet one-way delay: 1.926 ms
Loss rate: 0.20%
```

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

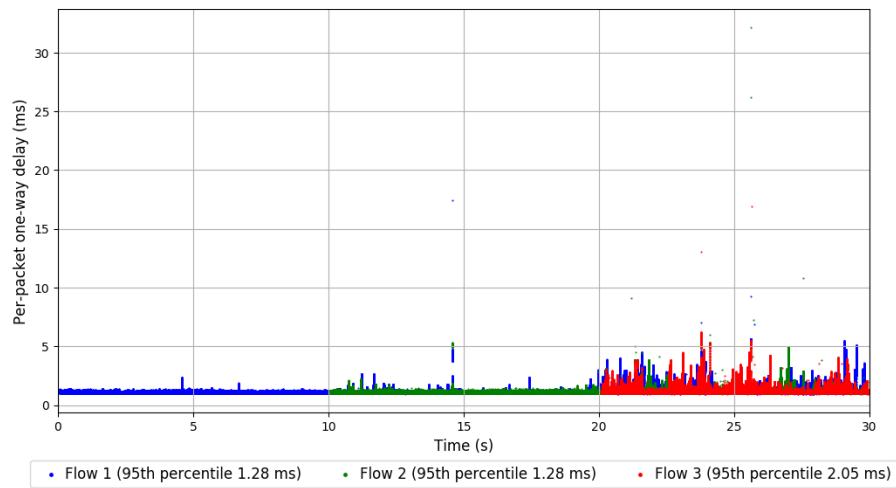
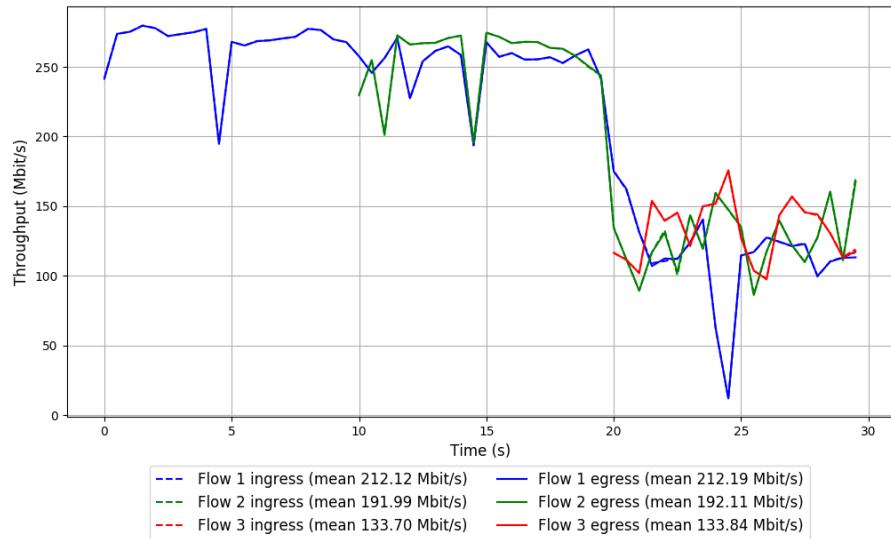


Run 9: Statistics of TaoVA-100x

```
Start at: 2018-02-13 17:36:03
End at: 2018-02-13 17:36:33
Local clock offset: 3.706 ms
Remote clock offset: -4.814 ms

# Below is generated by plot.py at 2018-02-14 00:48:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 384.31 Mbit/s
95th percentile per-packet one-way delay: 1.370 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 212.19 Mbit/s
95th percentile per-packet one-way delay: 1.278 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 192.11 Mbit/s
95th percentile per-packet one-way delay: 1.277 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 133.84 Mbit/s
95th percentile per-packet one-way delay: 2.047 ms
Loss rate: 0.08%
```

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

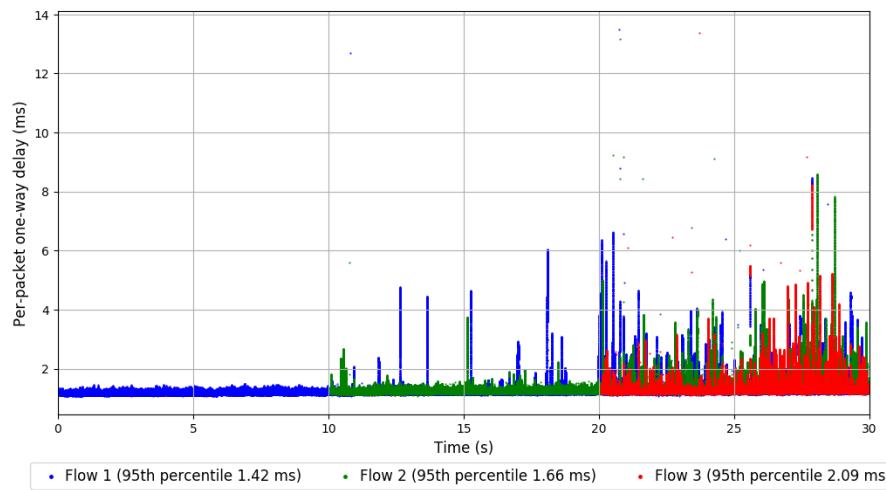
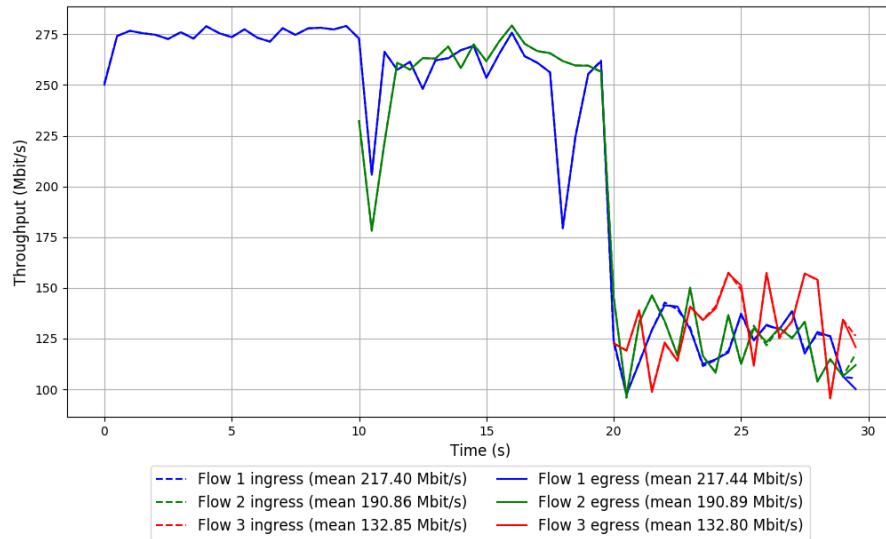


Run 10: Statistics of TaoVA-100x

```
Start at: 2018-02-13 18:05:16
End at: 2018-02-13 18:05:47
Local clock offset: 0.532 ms
Remote clock offset: -5.273 ms

# Below is generated by plot.py at 2018-02-14 00:48:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 388.30 Mbit/s
95th percentile per-packet one-way delay: 1.601 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 217.44 Mbit/s
95th percentile per-packet one-way delay: 1.422 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 190.89 Mbit/s
95th percentile per-packet one-way delay: 1.660 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 132.80 Mbit/s
95th percentile per-packet one-way delay: 2.087 ms
Loss rate: 0.23%
```

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

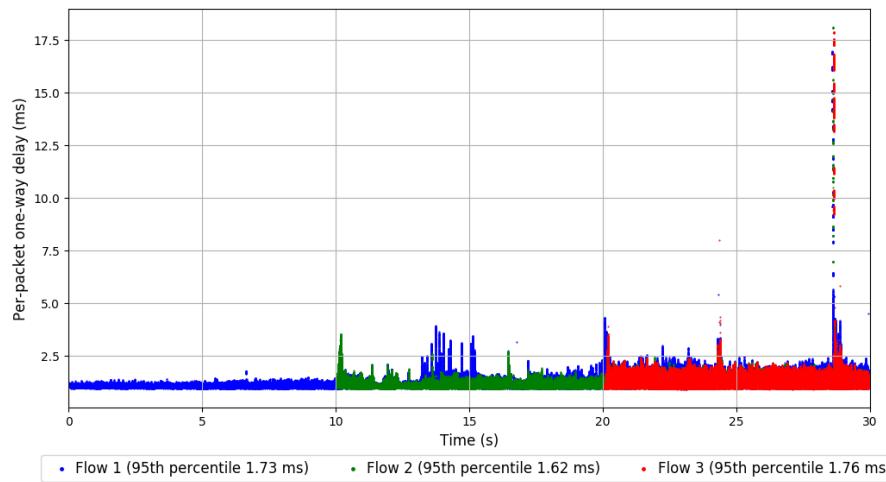
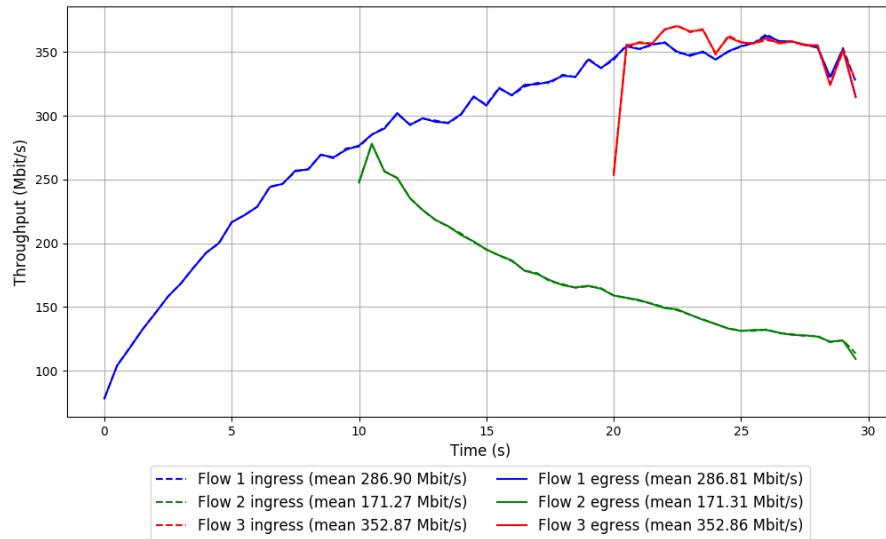


Run 1: Statistics of TCP Vegas

```
Start at: 2018-02-13 13:32:25
End at: 2018-02-13 13:32:55
Local clock offset: -0.012 ms
Remote clock offset: -6.733 ms

# Below is generated by plot.py at 2018-02-14 00:48:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 517.67 Mbit/s
95th percentile per-packet one-way delay: 1.718 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 286.81 Mbit/s
95th percentile per-packet one-way delay: 1.728 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 171.31 Mbit/s
95th percentile per-packet one-way delay: 1.622 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 352.86 Mbit/s
95th percentile per-packet one-way delay: 1.756 ms
Loss rate: 0.19%
```

Run 1: Report of TCP Vegas — Data Link

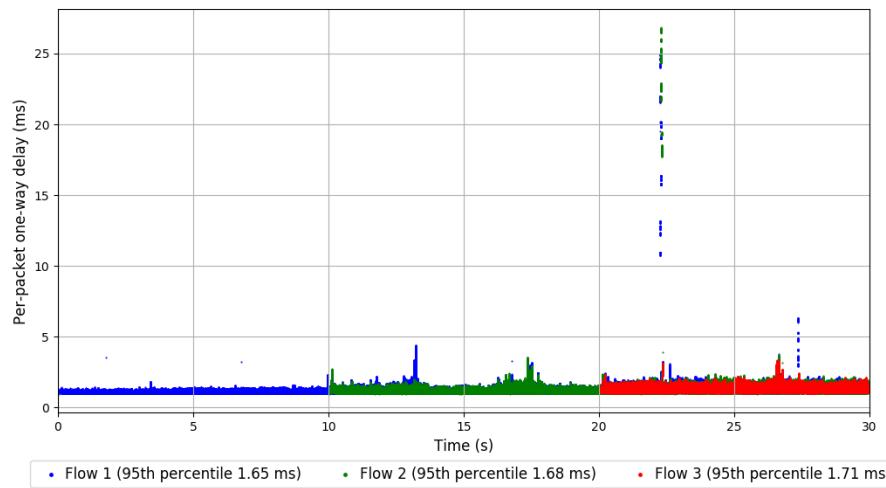
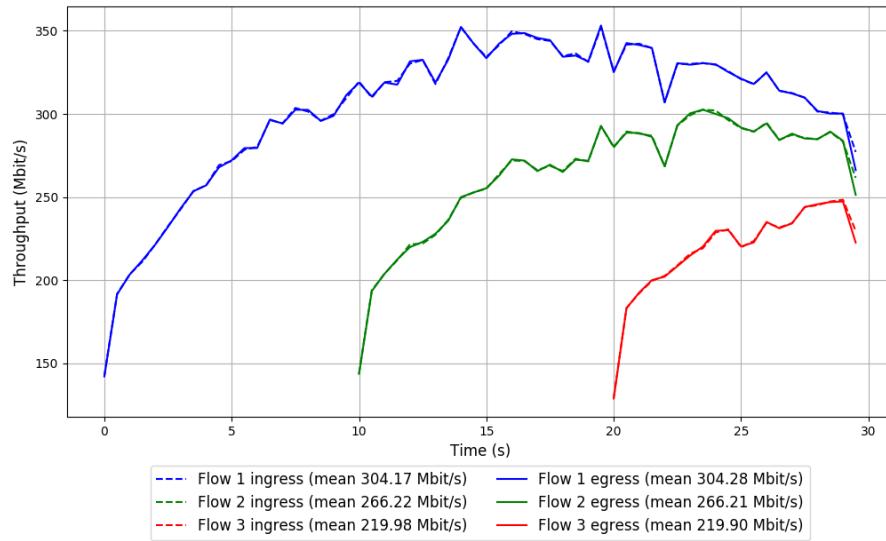


Run 2: Statistics of TCP Vegas

```
Start at: 2018-02-13 14:01:25
End at: 2018-02-13 14:01:55
Local clock offset: 0.084 ms
Remote clock offset: -5.844 ms

# Below is generated by plot.py at 2018-02-14 00:48:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 554.26 Mbit/s
95th percentile per-packet one-way delay: 1.669 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 304.28 Mbit/s
95th percentile per-packet one-way delay: 1.646 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 266.21 Mbit/s
95th percentile per-packet one-way delay: 1.680 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 219.90 Mbit/s
95th percentile per-packet one-way delay: 1.712 ms
Loss rate: 0.20%
```

Run 2: Report of TCP Vegas — Data Link

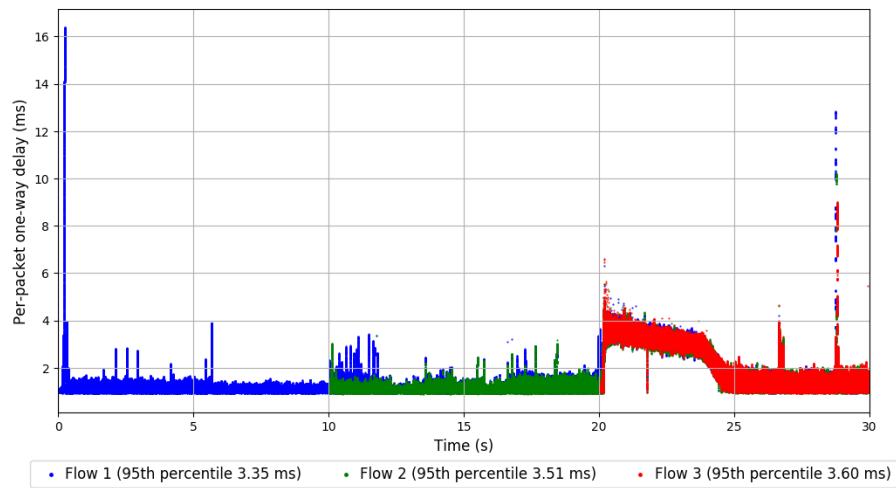
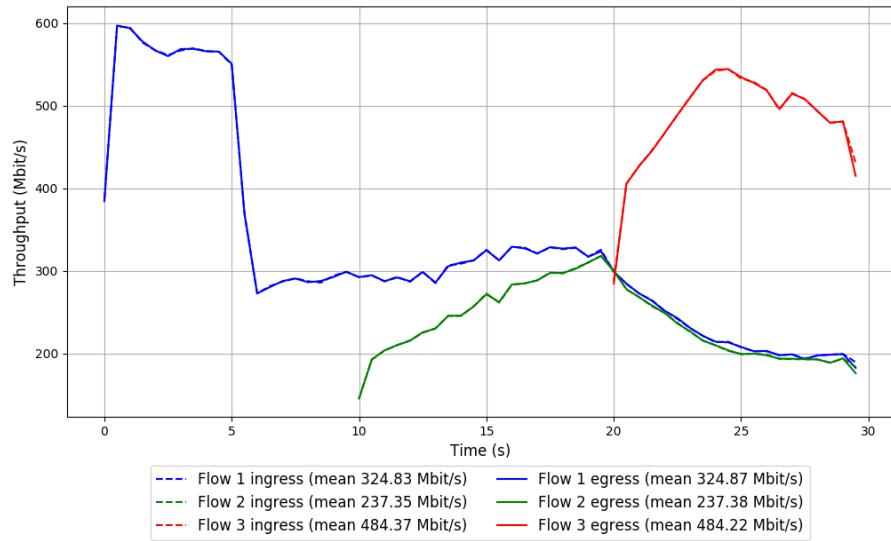


Run 3: Statistics of TCP Vegas

```
Start at: 2018-02-13 14:30:24
End at: 2018-02-13 14:30:54
Local clock offset: 0.293 ms
Remote clock offset: -5.108 ms

# Below is generated by plot.py at 2018-02-14 00:48:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 643.44 Mbit/s
95th percentile per-packet one-way delay: 3.490 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 324.87 Mbit/s
95th percentile per-packet one-way delay: 3.352 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 237.38 Mbit/s
95th percentile per-packet one-way delay: 3.507 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 484.22 Mbit/s
95th percentile per-packet one-way delay: 3.595 ms
Loss rate: 0.17%
```

Run 3: Report of TCP Vegas — Data Link

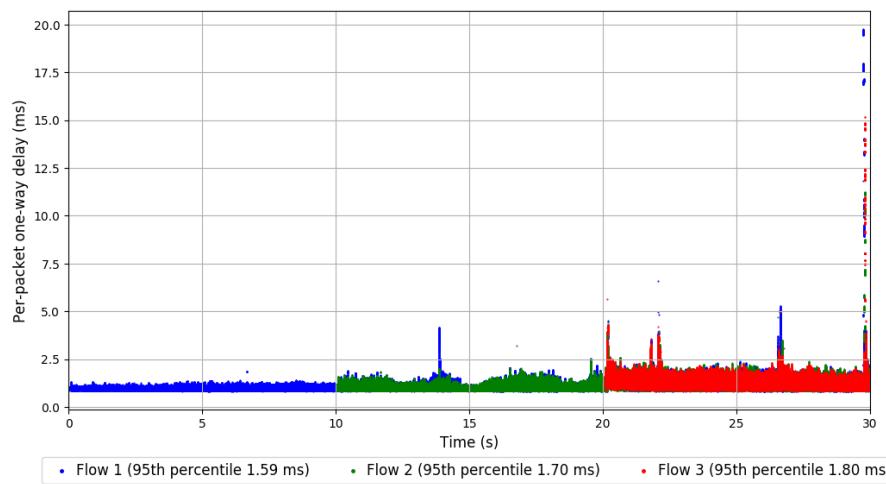
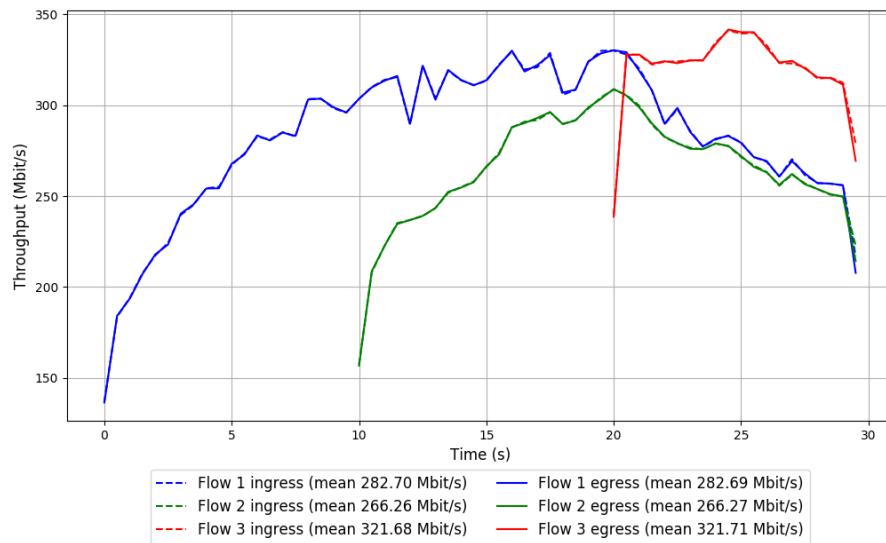


Run 4: Statistics of TCP Vegas

```
Start at: 2018-02-13 14:59:36
End at: 2018-02-13 15:00:06
Local clock offset: 0.436 ms
Remote clock offset: -5.42 ms

# Below is generated by plot.py at 2018-02-14 00:48:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 566.50 Mbit/s
95th percentile per-packet one-way delay: 1.685 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 282.69 Mbit/s
95th percentile per-packet one-way delay: 1.586 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 266.27 Mbit/s
95th percentile per-packet one-way delay: 1.698 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 321.71 Mbit/s
95th percentile per-packet one-way delay: 1.799 ms
Loss rate: 0.17%
```

Run 4: Report of TCP Vegas — Data Link

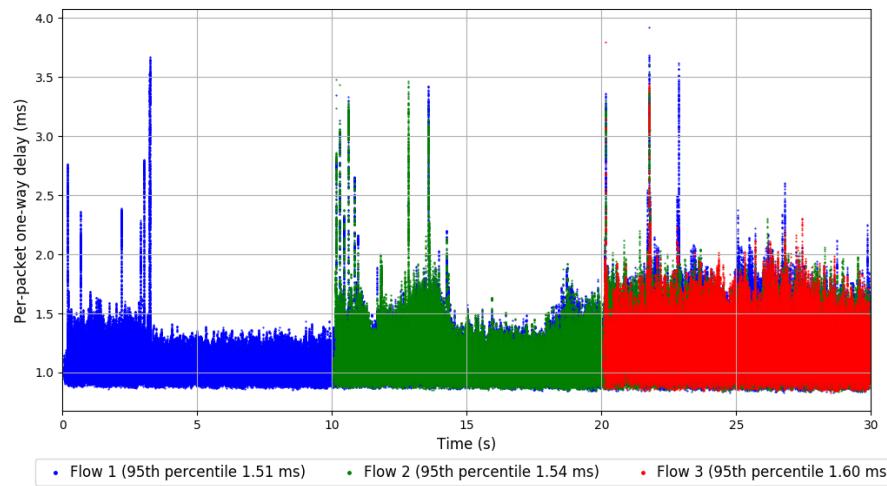
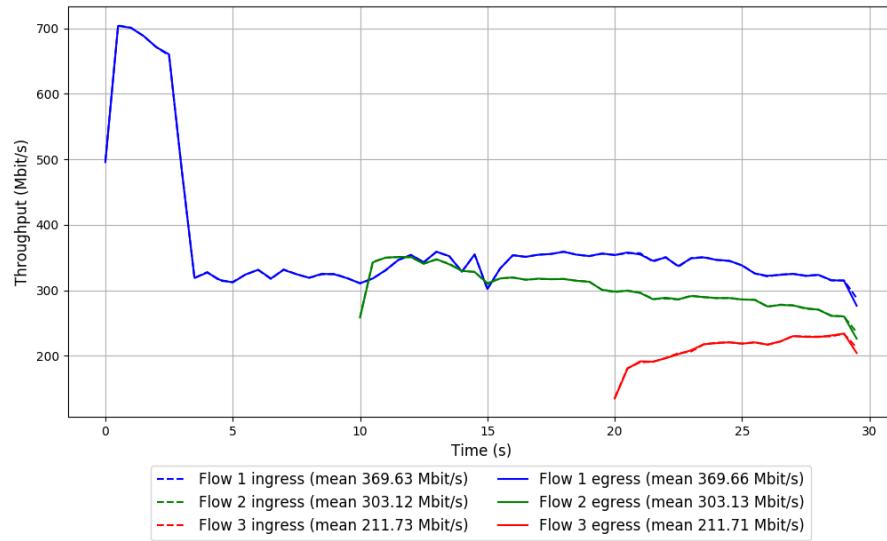


Run 5: Statistics of TCP Vegas

```
Start at: 2018-02-13 15:28:37
End at: 2018-02-13 15:29:07
Local clock offset: 0.253 ms
Remote clock offset: -6.082 ms

# Below is generated by plot.py at 2018-02-14 00:48:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 641.54 Mbit/s
95th percentile per-packet one-way delay: 1.535 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 369.66 Mbit/s
95th percentile per-packet one-way delay: 1.508 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 303.13 Mbit/s
95th percentile per-packet one-way delay: 1.545 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 211.71 Mbit/s
95th percentile per-packet one-way delay: 1.597 ms
Loss rate: 0.19%
```

Run 5: Report of TCP Vegas — Data Link

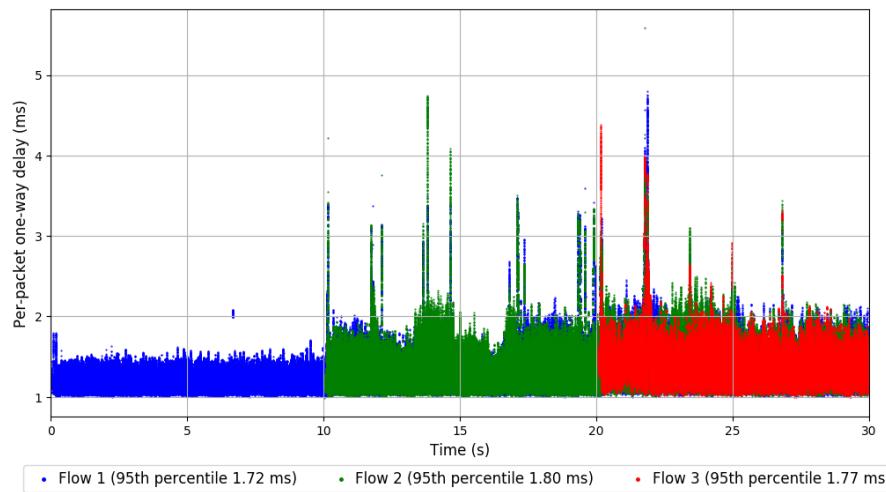
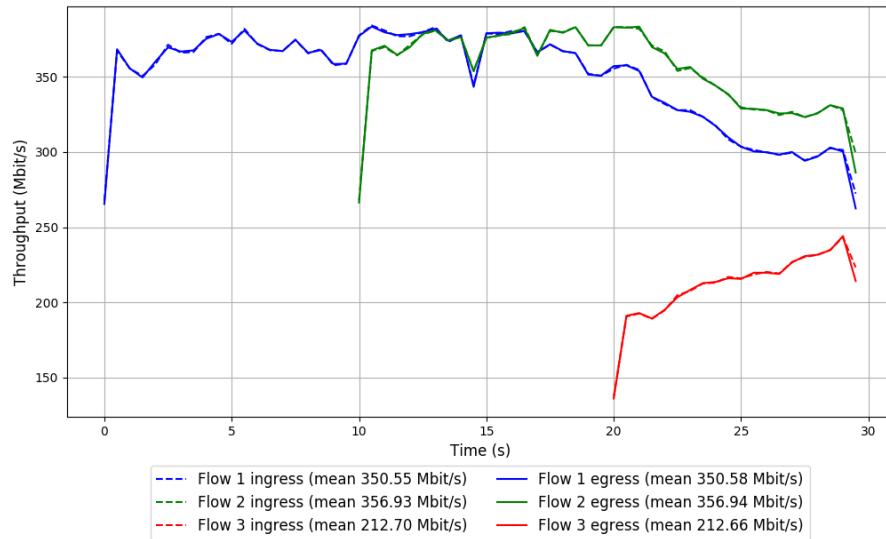


Run 6: Statistics of TCP Vegas

```
Start at: 2018-02-13 15:57:48
End at: 2018-02-13 15:58:18
Local clock offset: -0.173 ms
Remote clock offset: -7.183 ms

# Below is generated by plot.py at 2018-02-14 00:50:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 658.59 Mbit/s
95th percentile per-packet one-way delay: 1.759 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 350.58 Mbit/s
95th percentile per-packet one-way delay: 1.721 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 356.94 Mbit/s
95th percentile per-packet one-way delay: 1.801 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 212.66 Mbit/s
95th percentile per-packet one-way delay: 1.772 ms
Loss rate: 0.21%
```

Run 6: Report of TCP Vegas — Data Link

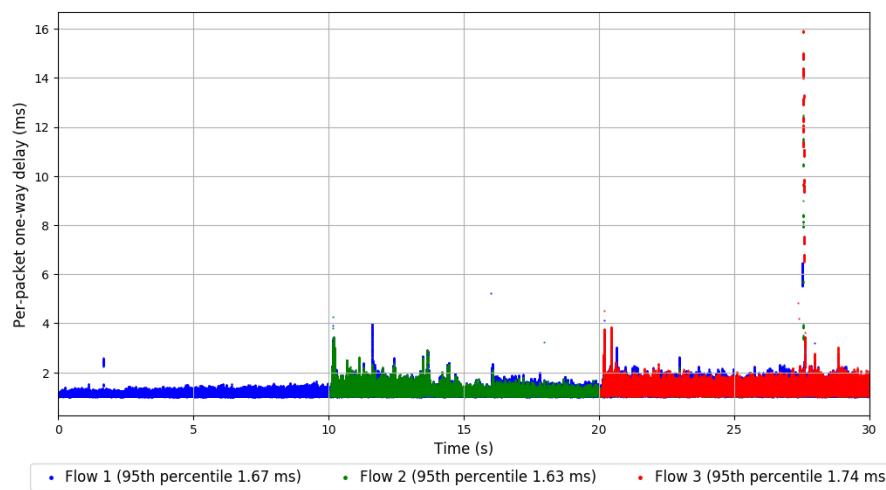
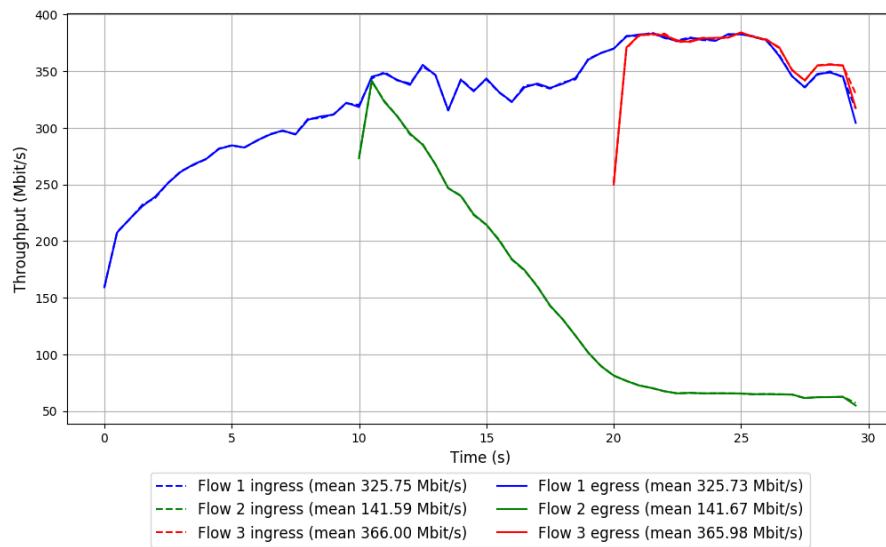


Run 7: Statistics of TCP Vegas

```
Start at: 2018-02-13 16:26:52
End at: 2018-02-13 16:27:22
Local clock offset: -0.383 ms
Remote clock offset: -7.012 ms

# Below is generated by plot.py at 2018-02-14 00:53:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 541.06 Mbit/s
95th percentile per-packet one-way delay: 1.684 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 325.73 Mbit/s
95th percentile per-packet one-way delay: 1.667 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 141.67 Mbit/s
95th percentile per-packet one-way delay: 1.627 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 365.98 Mbit/s
95th percentile per-packet one-way delay: 1.742 ms
Loss rate: 0.19%
```

Run 7: Report of TCP Vegas — Data Link

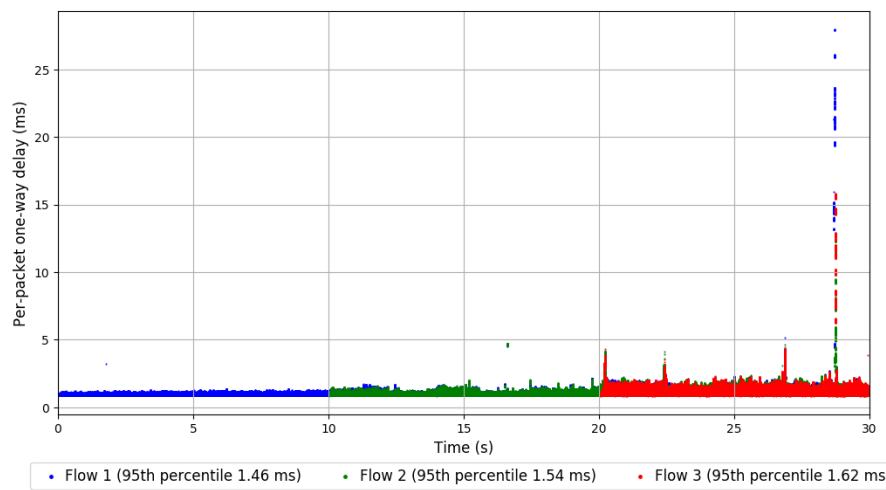
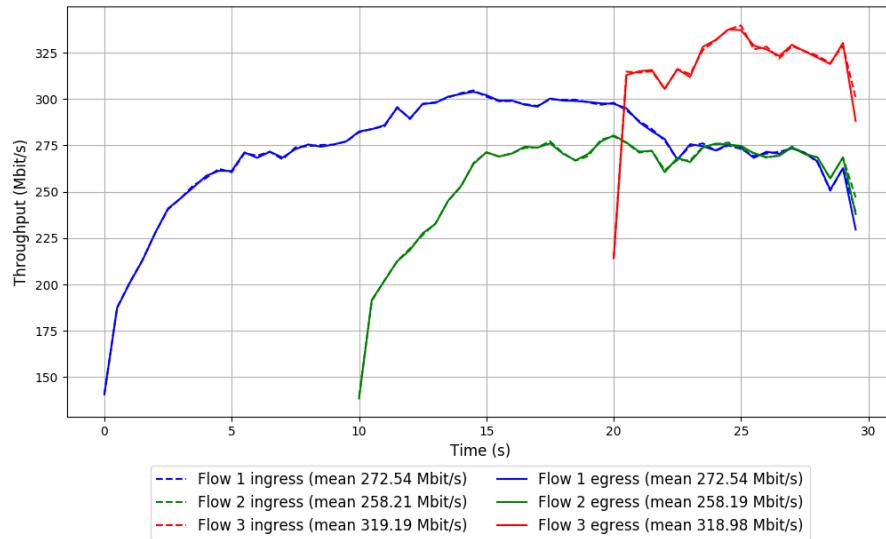


Run 8: Statistics of TCP Vegas

```
Start at: 2018-02-13 16:55:56
End at: 2018-02-13 16:56:26
Local clock offset: 1.6 ms
Remote clock offset: -4.725 ms

# Below is generated by plot.py at 2018-02-14 00:54:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 549.83 Mbit/s
95th percentile per-packet one-way delay: 1.527 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 272.54 Mbit/s
95th percentile per-packet one-way delay: 1.462 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 258.19 Mbit/s
95th percentile per-packet one-way delay: 1.544 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 318.98 Mbit/s
95th percentile per-packet one-way delay: 1.625 ms
Loss rate: 0.20%
```

Run 8: Report of TCP Vegas — Data Link

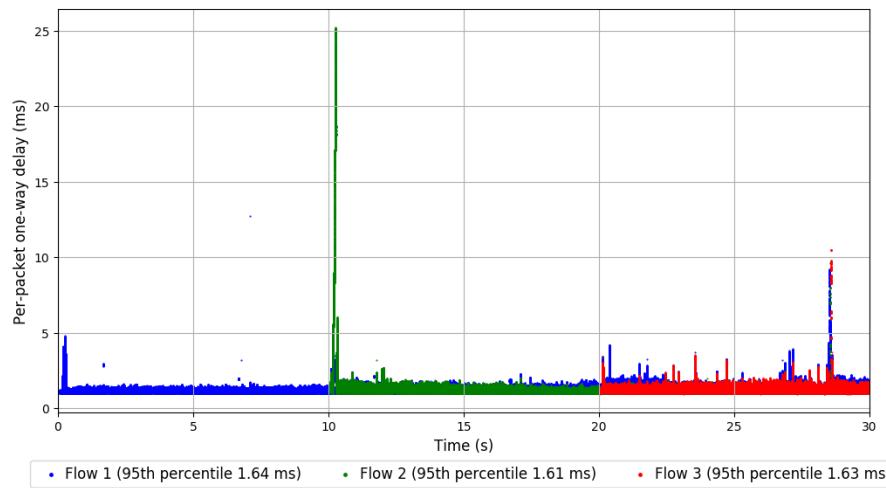
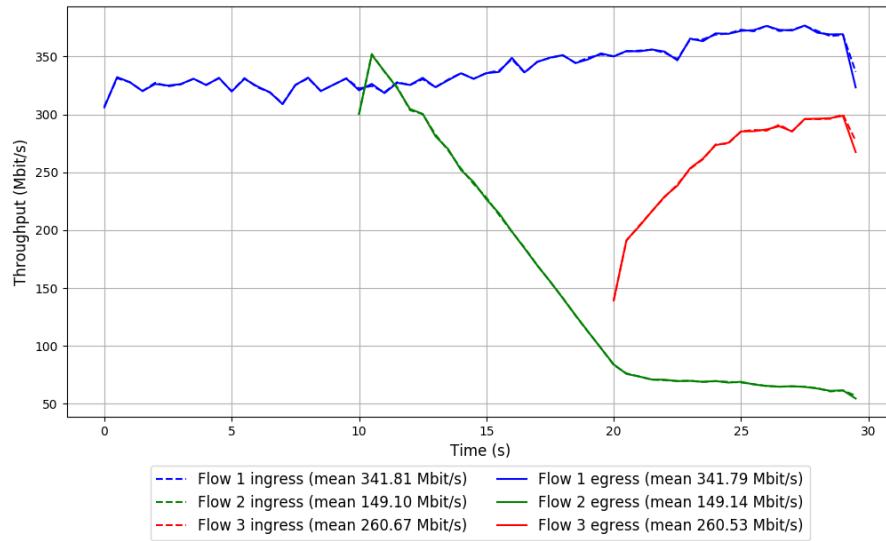


Run 9: Statistics of TCP Vegas

```
Start at: 2018-02-13 17:24:51
End at: 2018-02-13 17:25:21
Local clock offset: 3.306 ms
Remote clock offset: -4.979 ms

# Below is generated by plot.py at 2018-02-14 00:54:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 527.38 Mbit/s
95th percentile per-packet one-way delay: 1.633 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 341.79 Mbit/s
95th percentile per-packet one-way delay: 1.640 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 149.14 Mbit/s
95th percentile per-packet one-way delay: 1.610 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 260.53 Mbit/s
95th percentile per-packet one-way delay: 1.628 ms
Loss rate: 0.21%
```

Run 9: Report of TCP Vegas — Data Link

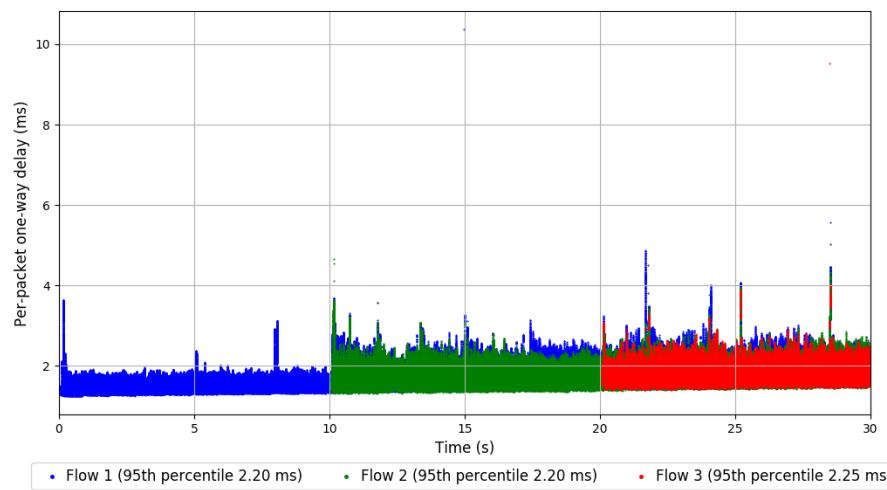
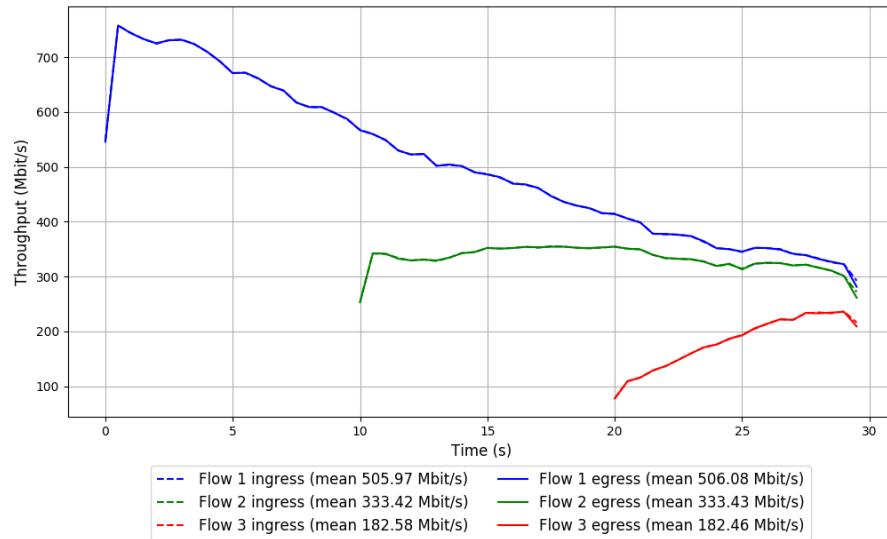


Run 10: Statistics of TCP Vegas

```
Start at: 2018-02-13 17:53:52
End at: 2018-02-13 17:54:23
Local clock offset: 3.901 ms
Remote clock offset: -5.162 ms

# Below is generated by plot.py at 2018-02-14 00:59:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 788.41 Mbit/s
95th percentile per-packet one-way delay: 2.205 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 506.08 Mbit/s
95th percentile per-packet one-way delay: 2.200 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 333.43 Mbit/s
95th percentile per-packet one-way delay: 2.202 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 182.46 Mbit/s
95th percentile per-packet one-way delay: 2.248 ms
Loss rate: 0.24%
```

Run 10: Report of TCP Vegas — Data Link

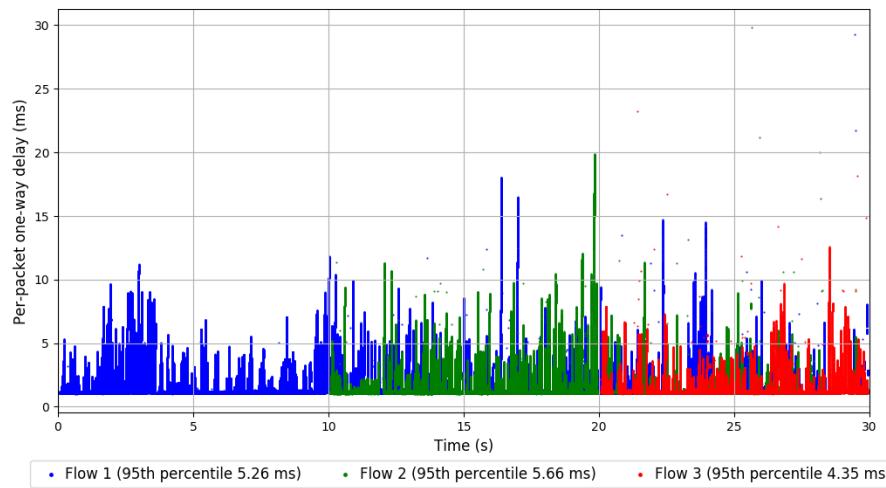
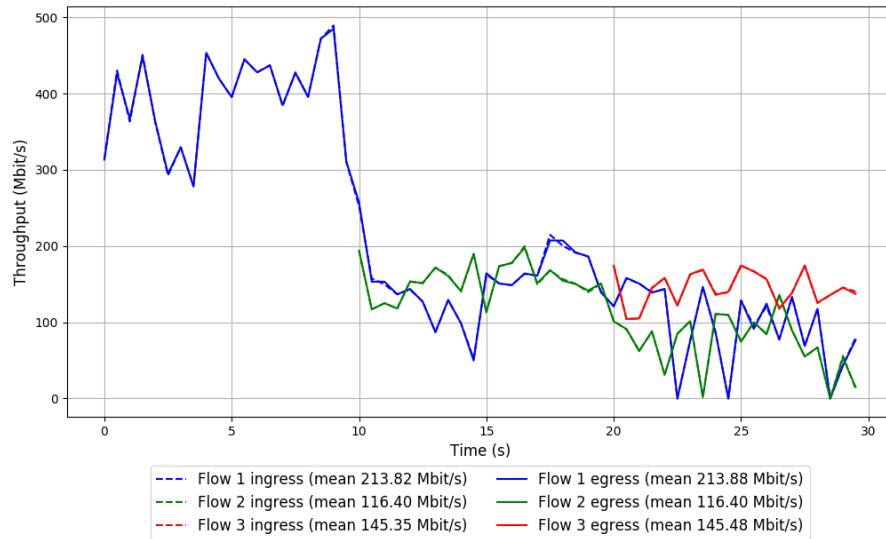


Run 1: Statistics of Verus

```
Start at: 2018-02-13 13:45:22
End at: 2018-02-13 13:45:52
Local clock offset: -0.045 ms
Remote clock offset: -6.617 ms

# Below is generated by plot.py at 2018-02-14 00:59:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 338.18 Mbit/s
95th percentile per-packet one-way delay: 5.213 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 213.88 Mbit/s
95th percentile per-packet one-way delay: 5.265 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 116.40 Mbit/s
95th percentile per-packet one-way delay: 5.658 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 145.48 Mbit/s
95th percentile per-packet one-way delay: 4.349 ms
Loss rate: 0.11%
```

Run 1: Report of Verus — Data Link

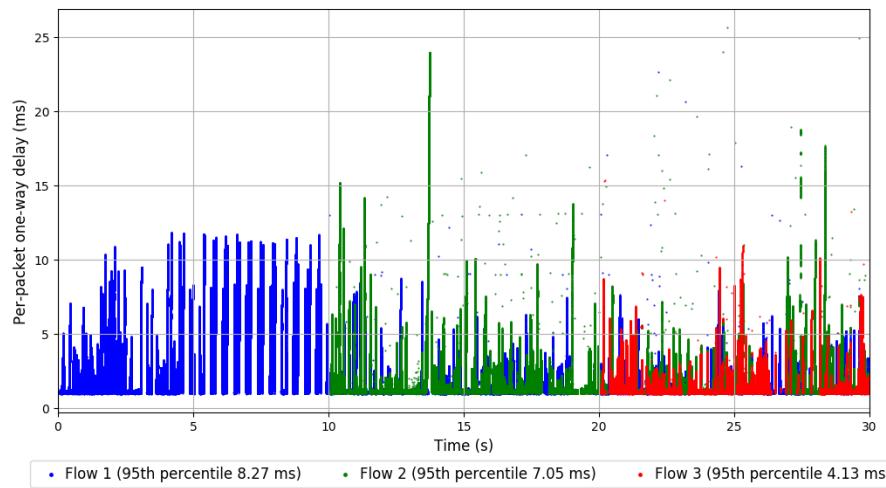
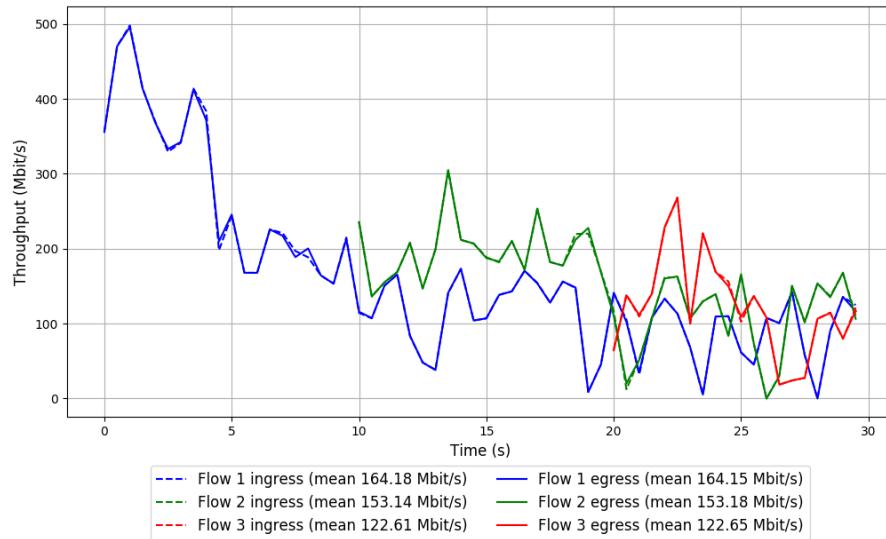


Run 2: Statistics of Verus

```
Start at: 2018-02-13 14:14:28
End at: 2018-02-13 14:14:58
Local clock offset: 0.173 ms
Remote clock offset: -5.502 ms

# Below is generated by plot.py at 2018-02-14 00:59:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 306.73 Mbit/s
95th percentile per-packet one-way delay: 7.664 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 164.15 Mbit/s
95th percentile per-packet one-way delay: 8.268 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 153.18 Mbit/s
95th percentile per-packet one-way delay: 7.052 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 122.65 Mbit/s
95th percentile per-packet one-way delay: 4.128 ms
Loss rate: 0.17%
```

Run 2: Report of Verus — Data Link

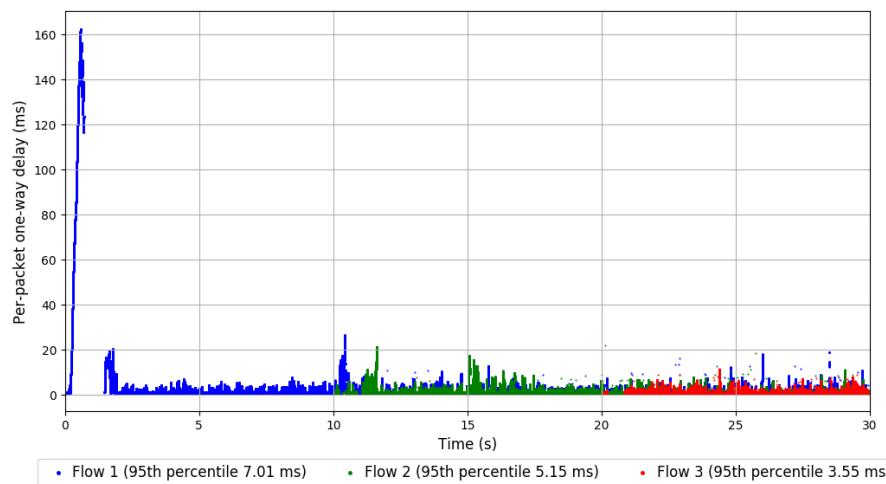
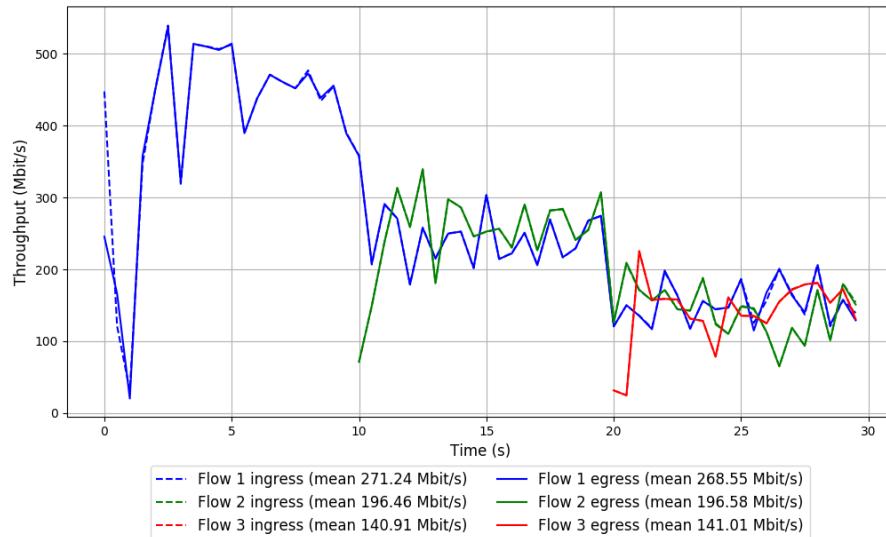


Run 3: Statistics of Verus

```
Start at: 2018-02-13 14:43:27
End at: 2018-02-13 14:43:58
Local clock offset: 0.384 ms
Remote clock offset: -4.932 ms

# Below is generated by plot.py at 2018-02-14 00:59:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 446.03 Mbit/s
95th percentile per-packet one-way delay: 5.723 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 268.55 Mbit/s
95th percentile per-packet one-way delay: 7.006 ms
Loss rate: 1.03%
-- Flow 2:
Average throughput: 196.58 Mbit/s
95th percentile per-packet one-way delay: 5.154 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 141.01 Mbit/s
95th percentile per-packet one-way delay: 3.550 ms
Loss rate: 0.12%
```

Run 3: Report of Verus — Data Link

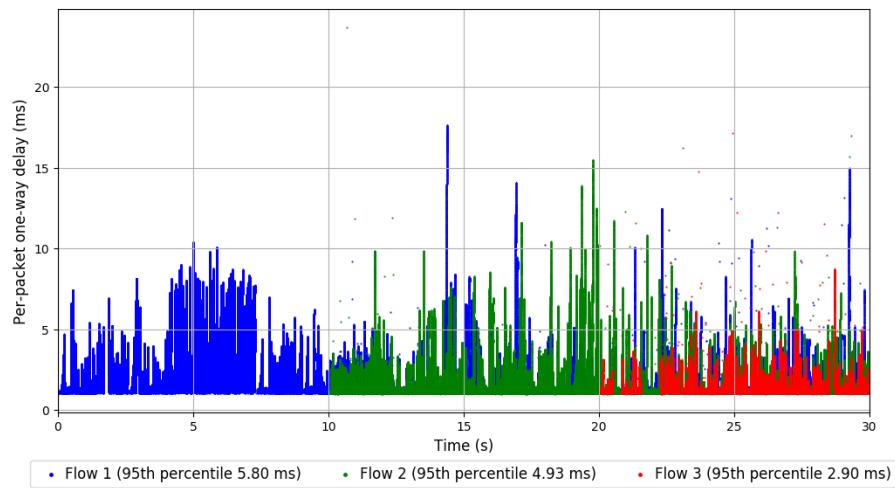
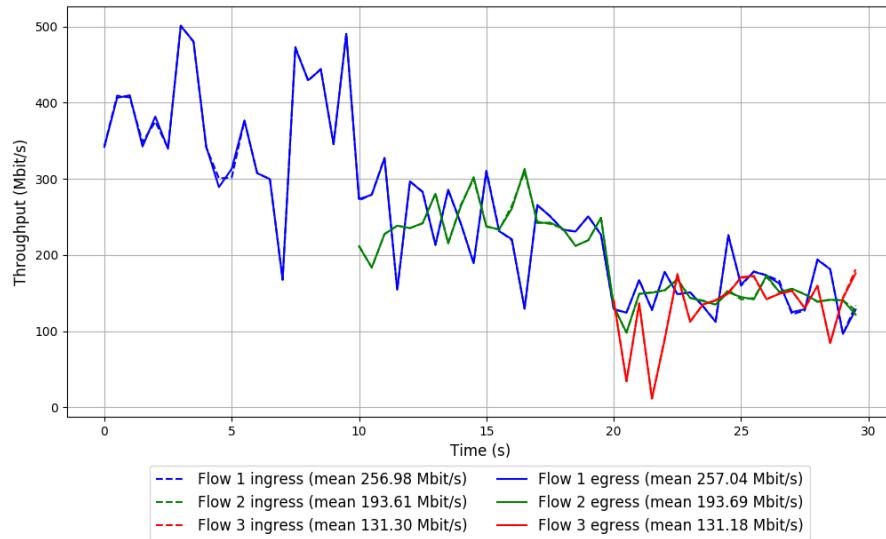


Run 4: Statistics of Verus

```
Start at: 2018-02-13 15:12:39
End at: 2018-02-13 15:13:09
Local clock offset: 0.372 ms
Remote clock offset: -5.798 ms

# Below is generated by plot.py at 2018-02-14 00:59:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 429.40 Mbit/s
95th percentile per-packet one-way delay: 5.295 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 257.04 Mbit/s
95th percentile per-packet one-way delay: 5.805 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 193.69 Mbit/s
95th percentile per-packet one-way delay: 4.928 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 131.18 Mbit/s
95th percentile per-packet one-way delay: 2.905 ms
Loss rate: 0.25%
```

Run 4: Report of Verus — Data Link

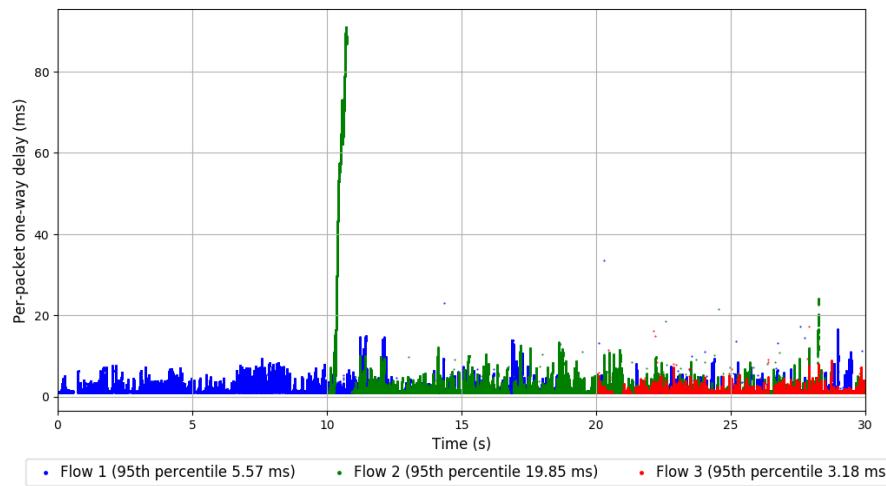
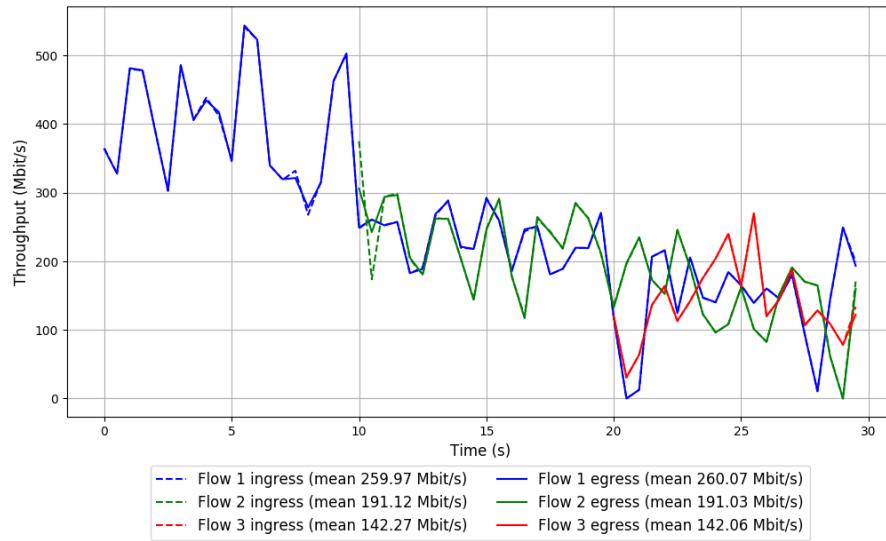


Run 5: Statistics of Verus

```
Start at: 2018-02-13 15:41:42
End at: 2018-02-13 15:42:12
Local clock offset: 0.076 ms
Remote clock offset: -6.859 ms

# Below is generated by plot.py at 2018-02-14 00:59:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 434.26 Mbit/s
95th percentile per-packet one-way delay: 6.244 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 260.07 Mbit/s
95th percentile per-packet one-way delay: 5.566 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 191.03 Mbit/s
95th percentile per-packet one-way delay: 19.852 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 142.06 Mbit/s
95th percentile per-packet one-way delay: 3.182 ms
Loss rate: 0.42%
```

Run 5: Report of Verus — Data Link

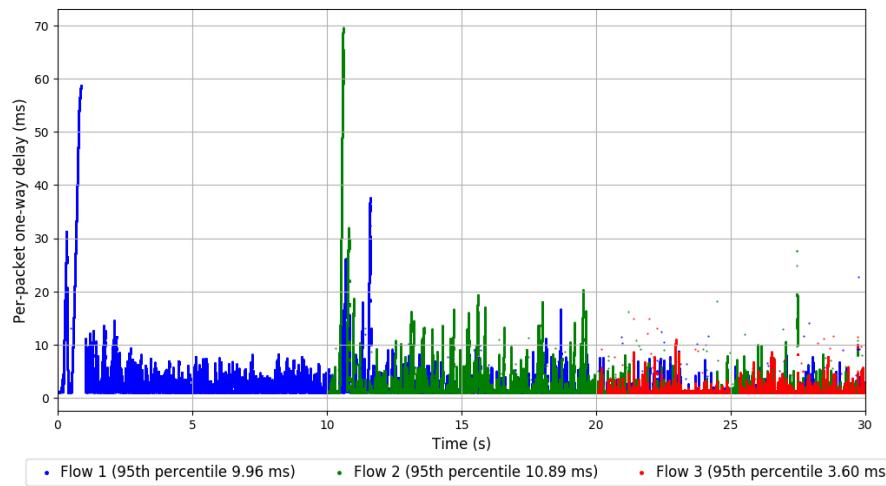
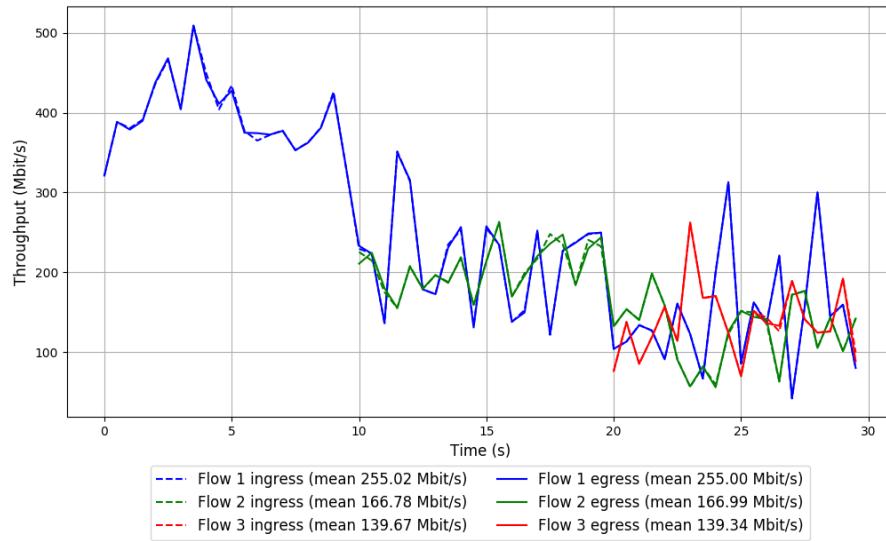


Run 6: Statistics of Verus

```
Start at: 2018-02-13 16:10:49
End at: 2018-02-13 16:11:19
Local clock offset: -0.255 ms
Remote clock offset: -6.941 ms

# Below is generated by plot.py at 2018-02-14 00:59:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 410.80 Mbit/s
95th percentile per-packet one-way delay: 9.356 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 255.00 Mbit/s
95th percentile per-packet one-way delay: 9.955 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 166.99 Mbit/s
95th percentile per-packet one-way delay: 10.887 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 139.34 Mbit/s
95th percentile per-packet one-way delay: 3.596 ms
Loss rate: 0.42%
```

Run 6: Report of Verus — Data Link

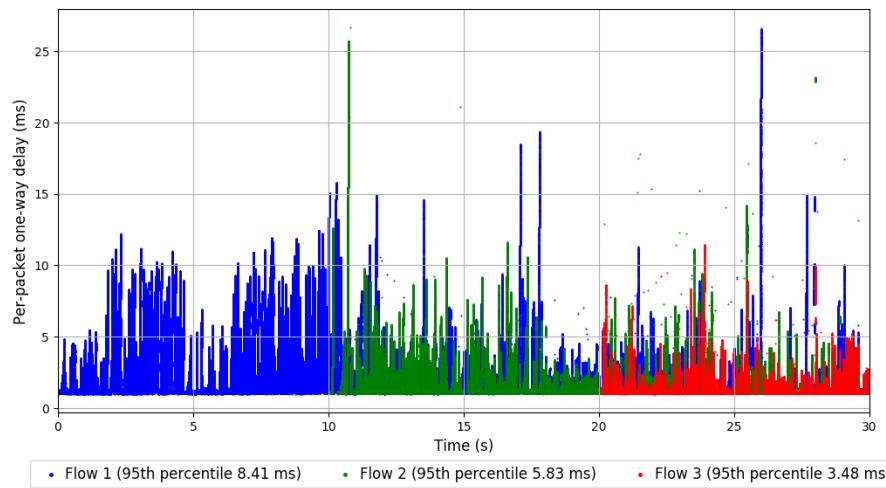
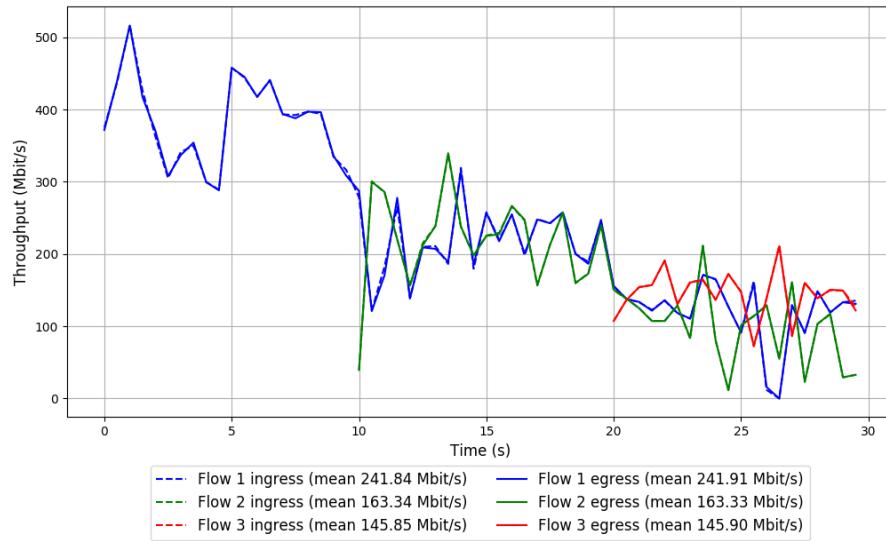


Run 7: Statistics of Verus

```
Start at: 2018-02-13 16:39:54
End at: 2018-02-13 16:40:24
Local clock offset: -0.595 ms
Remote clock offset: -6.097 ms

# Below is generated by plot.py at 2018-02-14 00:59:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 397.06 Mbit/s
95th percentile per-packet one-way delay: 7.562 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 241.91 Mbit/s
95th percentile per-packet one-way delay: 8.406 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 163.33 Mbit/s
95th percentile per-packet one-way delay: 5.833 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 145.90 Mbit/s
95th percentile per-packet one-way delay: 3.478 ms
Loss rate: 0.17%
```

Run 7: Report of Verus — Data Link

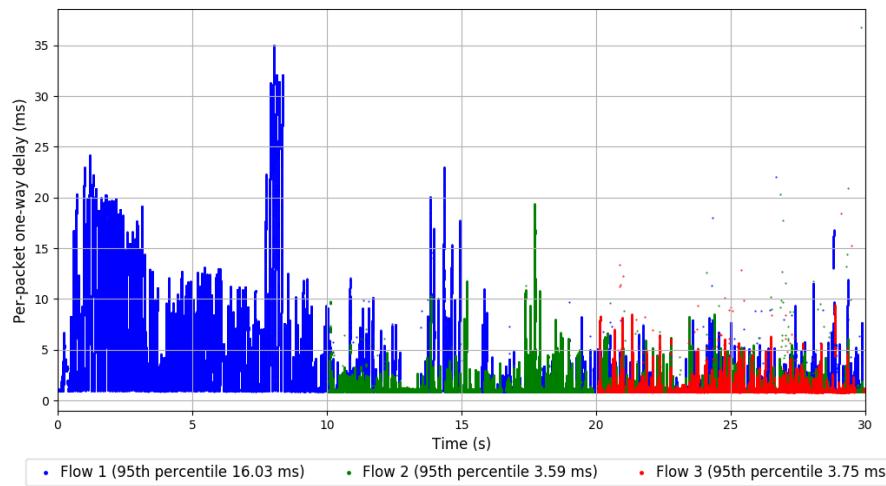
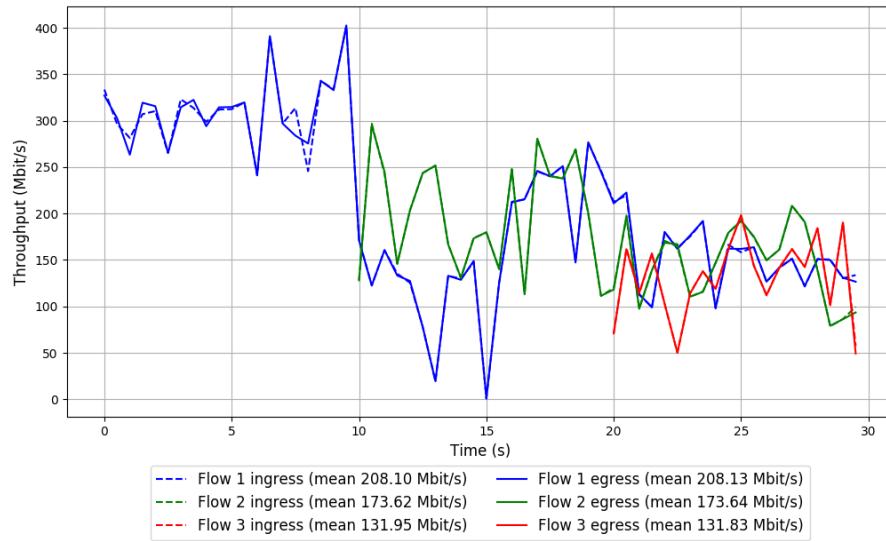


Run 8: Statistics of Verus

```
Start at: 2018-02-13 17:08:48
End at: 2018-02-13 17:09:18
Local clock offset: 2.596 ms
Remote clock offset: -4.103 ms

# Below is generated by plot.py at 2018-02-14 00:59:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 367.33 Mbit/s
95th percentile per-packet one-way delay: 12.267 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 208.13 Mbit/s
95th percentile per-packet one-way delay: 16.029 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 173.64 Mbit/s
95th percentile per-packet one-way delay: 3.593 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 131.83 Mbit/s
95th percentile per-packet one-way delay: 3.746 ms
Loss rate: 0.31%
```

Run 8: Report of Verus — Data Link

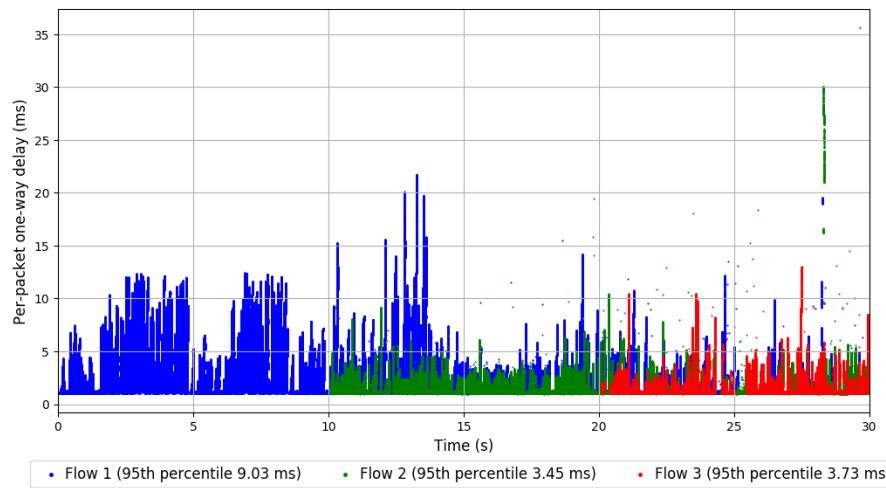
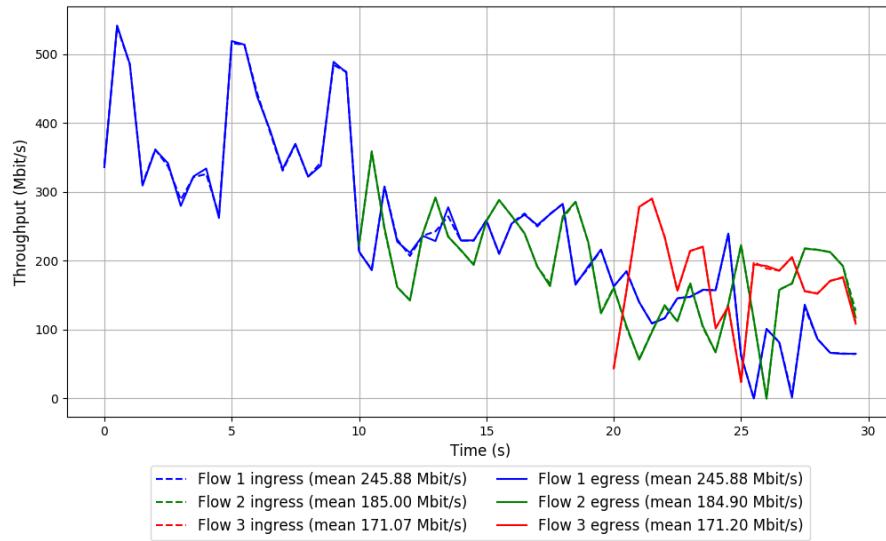


Run 9: Statistics of Verus

```
Start at: 2018-02-13 17:37:48
End at: 2018-02-13 17:38:18
Local clock offset: 3.758 ms
Remote clock offset: -4.784 ms

# Below is generated by plot.py at 2018-02-14 01:00:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 425.25 Mbit/s
95th percentile per-packet one-way delay: 7.697 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 245.88 Mbit/s
95th percentile per-packet one-way delay: 9.034 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 184.90 Mbit/s
95th percentile per-packet one-way delay: 3.454 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 171.20 Mbit/s
95th percentile per-packet one-way delay: 3.732 ms
Loss rate: 0.11%
```

Run 9: Report of Verus — Data Link

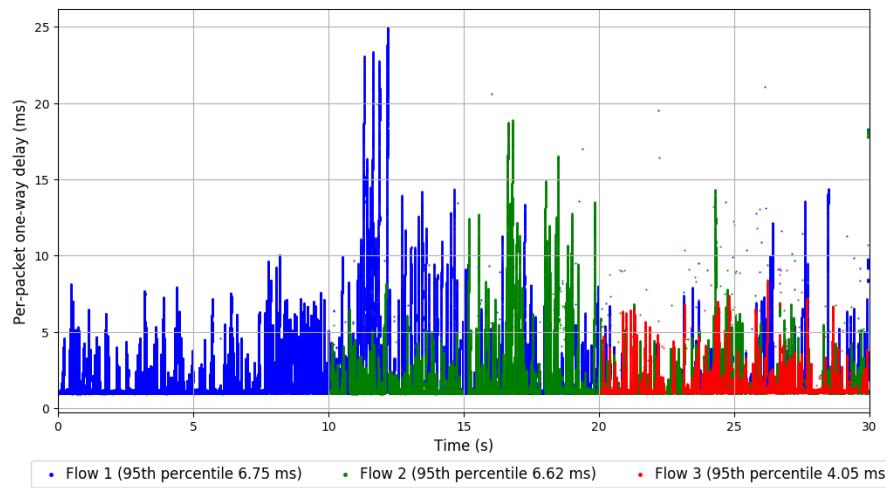
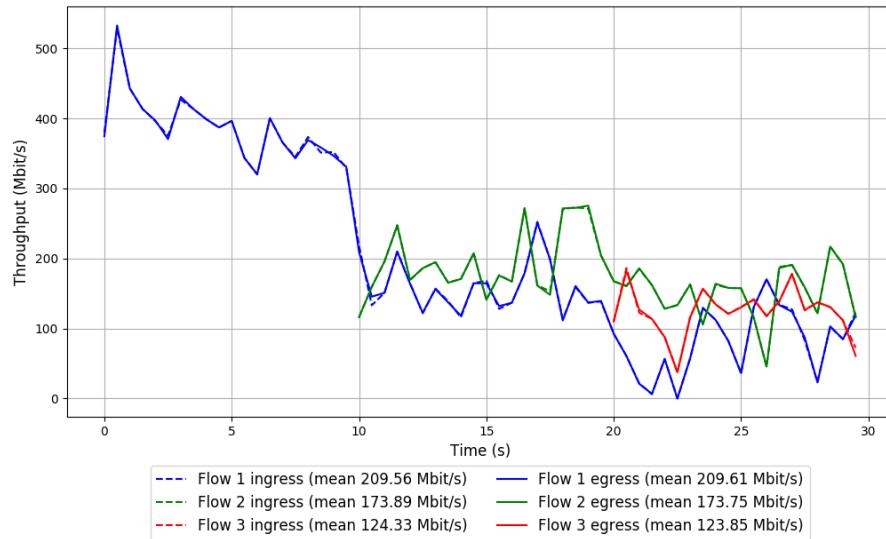


Run 10: Statistics of Verus

```
Start at: 2018-02-13 18:07:01
End at: 2018-02-13 18:07:31
Local clock offset: 0.201 ms
Remote clock offset: -5.182 ms

# Below is generated by plot.py at 2018-02-14 01:00:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 366.36 Mbit/s
95th percentile per-packet one-way delay: 6.419 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 209.61 Mbit/s
95th percentile per-packet one-way delay: 6.751 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 173.75 Mbit/s
95th percentile per-packet one-way delay: 6.619 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 123.85 Mbit/s
95th percentile per-packet one-way delay: 4.049 ms
Loss rate: 0.47%
```

Run 10: Report of Verus — Data Link

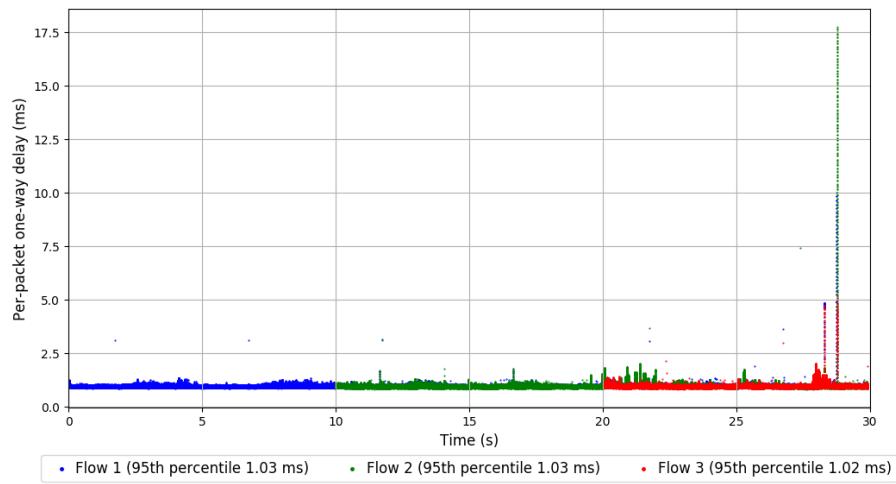
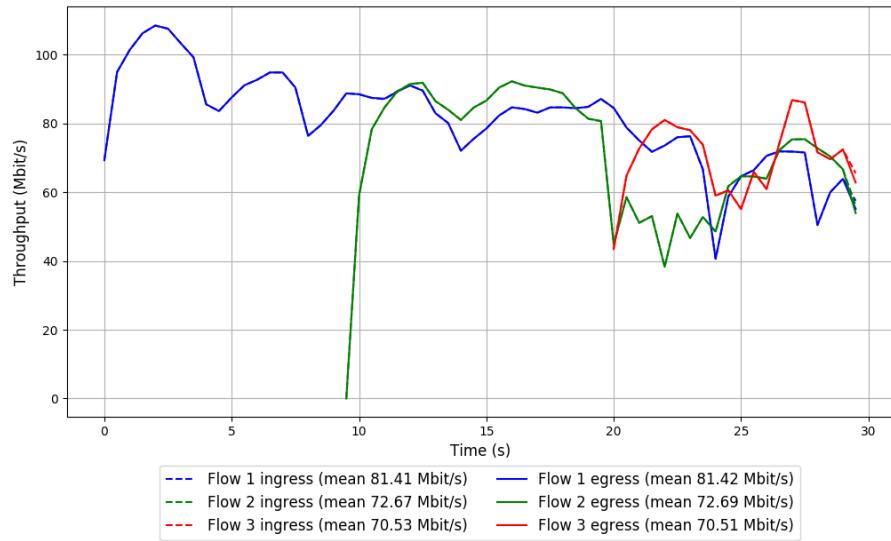


Run 1: Statistics of Copa

```
Start at: 2018-02-13 13:42:07
End at: 2018-02-13 13:42:37
Local clock offset: -0.111 ms
Remote clock offset: -6.738 ms

# Below is generated by plot.py at 2018-02-14 01:01:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 153.17 Mbit/s
95th percentile per-packet one-way delay: 1.027 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 81.42 Mbit/s
95th percentile per-packet one-way delay: 1.027 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 72.69 Mbit/s
95th percentile per-packet one-way delay: 1.031 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 70.51 Mbit/s
95th percentile per-packet one-way delay: 1.023 ms
Loss rate: 0.20%
```

Run 1: Report of Copa — Data Link

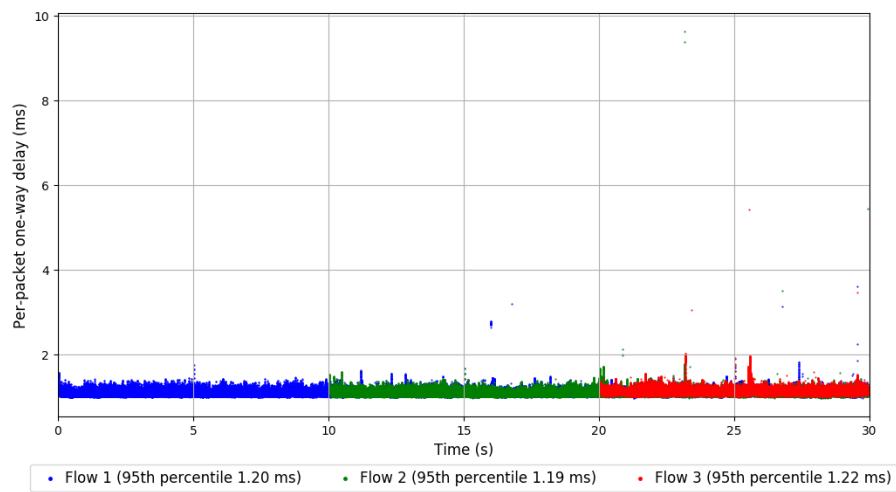
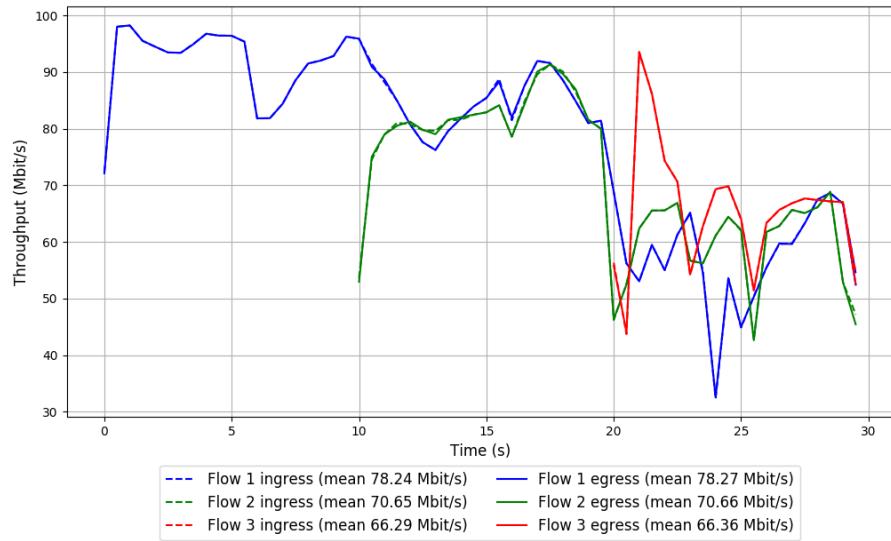


Run 2: Statistics of Copa

```
Start at: 2018-02-13 14:11:15
End at: 2018-02-13 14:11:45
Local clock offset: 0.155 ms
Remote clock offset: -5.636 ms

# Below is generated by plot.py at 2018-02-14 01:03:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 147.19 Mbit/s
95th percentile per-packet one-way delay: 1.201 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 78.27 Mbit/s
95th percentile per-packet one-way delay: 1.197 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 70.66 Mbit/s
95th percentile per-packet one-way delay: 1.193 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 66.36 Mbit/s
95th percentile per-packet one-way delay: 1.224 ms
Loss rate: 0.17%
```

Run 2: Report of Copa — Data Link

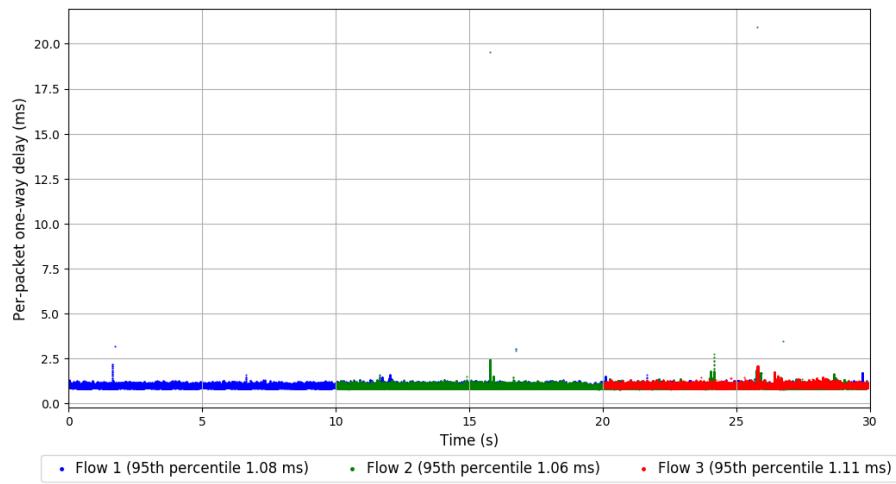
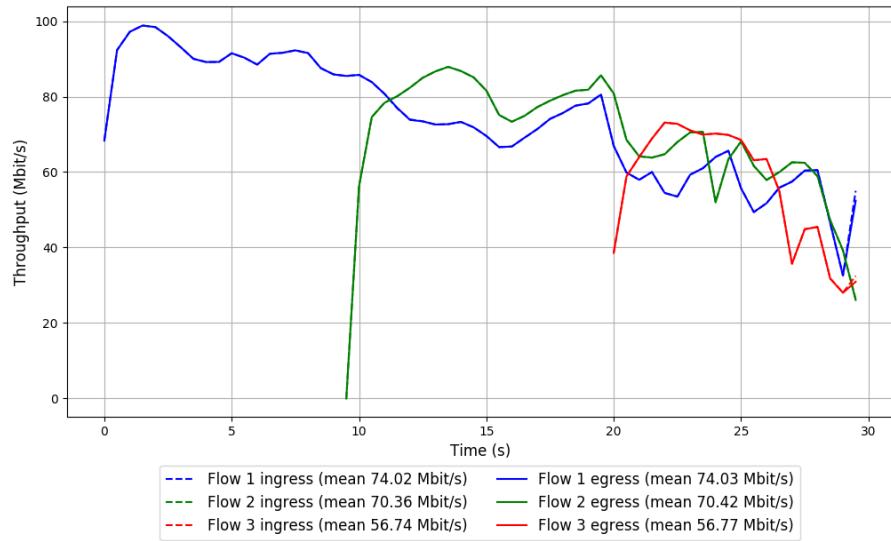


Run 3: Statistics of Copa

```
Start at: 2018-02-13 14:40:15
End at: 2018-02-13 14:40:45
Local clock offset: 0.28 ms
Remote clock offset: -4.946 ms

# Below is generated by plot.py at 2018-02-14 01:03:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 139.71 Mbit/s
95th percentile per-packet one-way delay: 1.079 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 74.03 Mbit/s
95th percentile per-packet one-way delay: 1.077 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 70.42 Mbit/s
95th percentile per-packet one-way delay: 1.065 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 56.77 Mbit/s
95th percentile per-packet one-way delay: 1.110 ms
Loss rate: 0.14%
```

Run 3: Report of Copa — Data Link

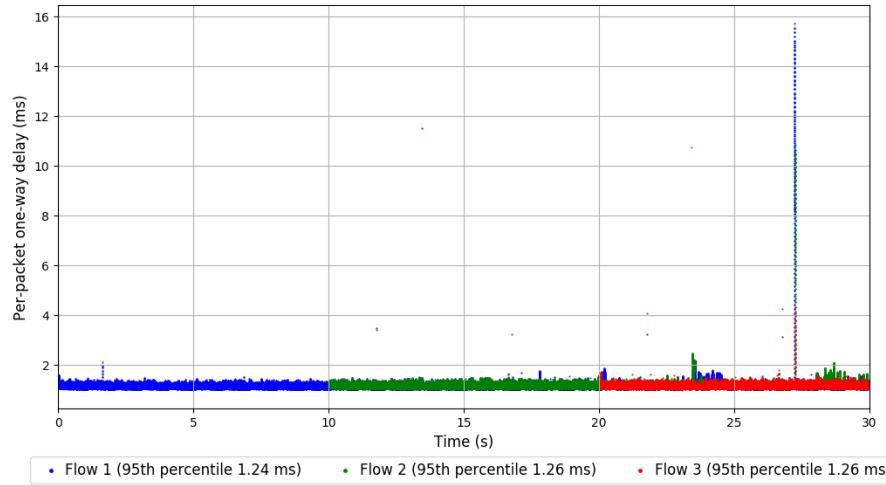
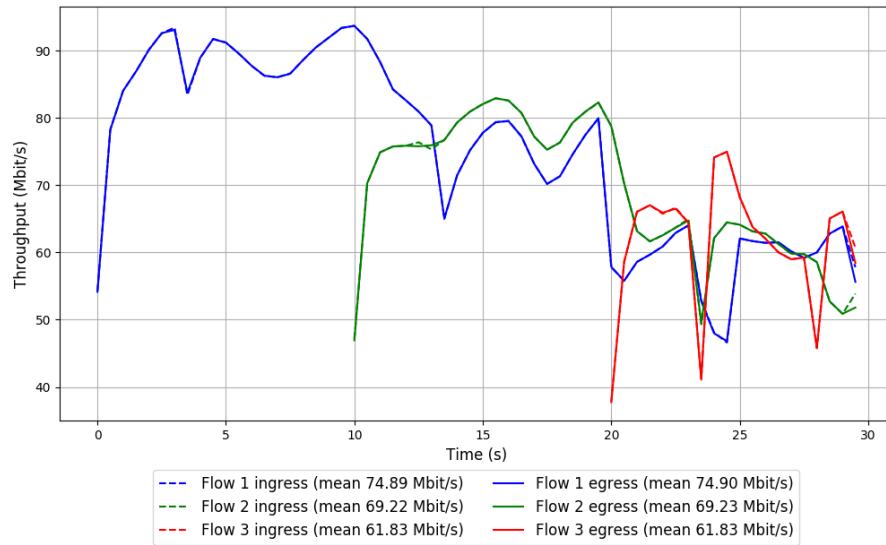


Run 4: Statistics of Copa

```
Start at: 2018-02-13 15:09:27
End at: 2018-02-13 15:09:57
Local clock offset: 0.393 ms
Remote clock offset: -5.772 ms

# Below is generated by plot.py at 2018-02-14 01:03:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 141.41 Mbit/s
95th percentile per-packet one-way delay: 1.250 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 74.90 Mbit/s
95th percentile per-packet one-way delay: 1.235 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 69.23 Mbit/s
95th percentile per-packet one-way delay: 1.265 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 61.83 Mbit/s
95th percentile per-packet one-way delay: 1.258 ms
Loss rate: 0.20%
```

Run 4: Report of Copa — Data Link

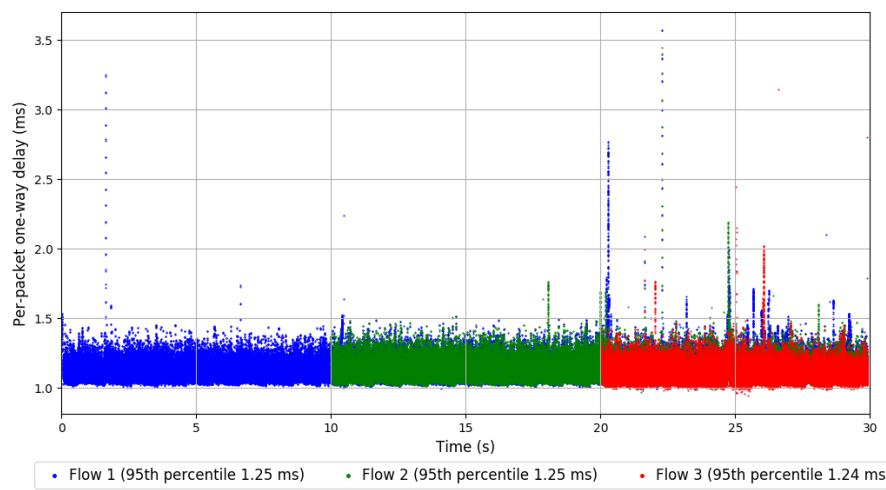
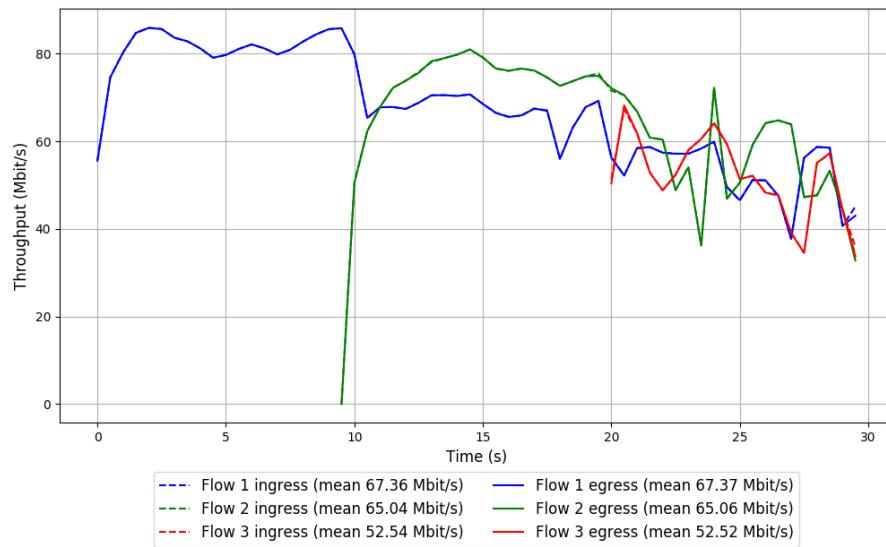


Run 5: Statistics of Copa

```
Start at: 2018-02-13 15:38:29
End at: 2018-02-13 15:38:59
Local clock offset: 0.169 ms
Remote clock offset: -6.776 ms

# Below is generated by plot.py at 2018-02-14 01:03:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 128.10 Mbit/s
95th percentile per-packet one-way delay: 1.252 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 67.37 Mbit/s
95th percentile per-packet one-way delay: 1.255 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 65.06 Mbit/s
95th percentile per-packet one-way delay: 1.254 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 52.52 Mbit/s
95th percentile per-packet one-way delay: 1.237 ms
Loss rate: 0.22%
```

Run 5: Report of Copa — Data Link

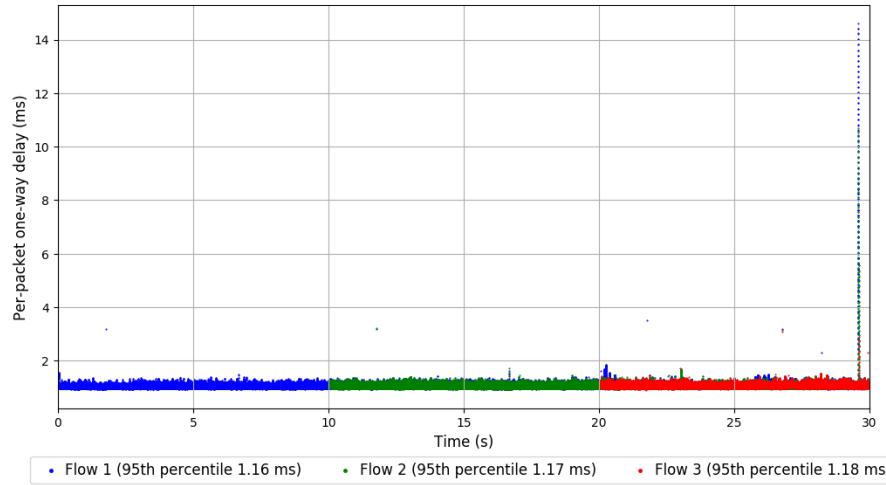
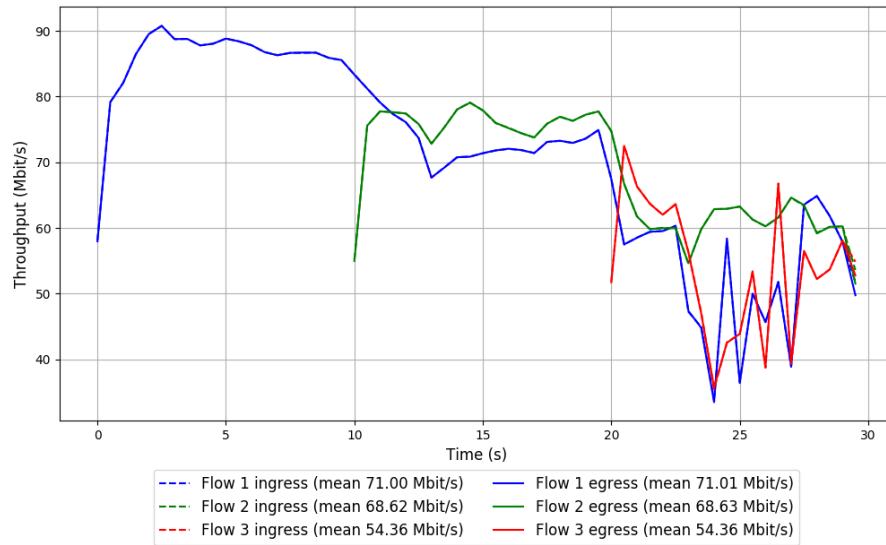


Run 6: Statistics of Copa

```
Start at: 2018-02-13 16:07:36
End at: 2018-02-13 16:08:06
Local clock offset: -0.321 ms
Remote clock offset: -7.029 ms

# Below is generated by plot.py at 2018-02-14 01:03:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 134.65 Mbit/s
95th percentile per-packet one-way delay: 1.164 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 71.01 Mbit/s
95th percentile per-packet one-way delay: 1.159 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 68.63 Mbit/s
95th percentile per-packet one-way delay: 1.168 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 54.36 Mbit/s
95th percentile per-packet one-way delay: 1.175 ms
Loss rate: 0.20%
```

Run 6: Report of Copa — Data Link

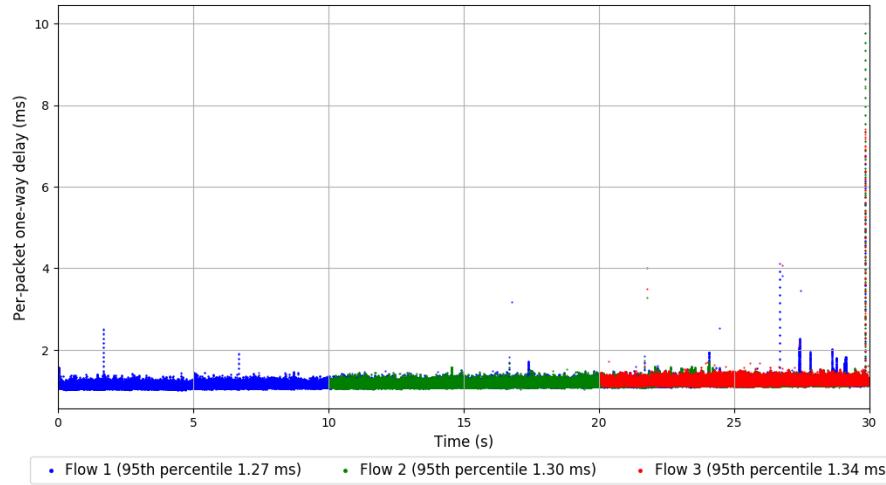
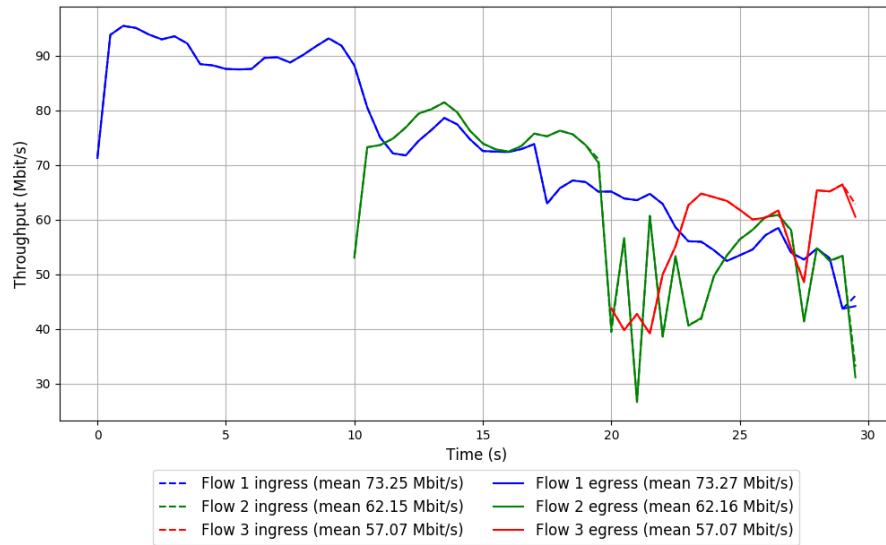


Run 7: Statistics of Copa

```
Start at: 2018-02-13 16:36:41
End at: 2018-02-13 16:37:11
Local clock offset: -0.473 ms
Remote clock offset: -6.567 ms

# Below is generated by plot.py at 2018-02-14 01:04:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 133.51 Mbit/s
95th percentile per-packet one-way delay: 1.298 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 73.27 Mbit/s
95th percentile per-packet one-way delay: 1.274 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 62.16 Mbit/s
95th percentile per-packet one-way delay: 1.300 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 57.07 Mbit/s
95th percentile per-packet one-way delay: 1.338 ms
Loss rate: 0.22%
```

Run 7: Report of Copa — Data Link

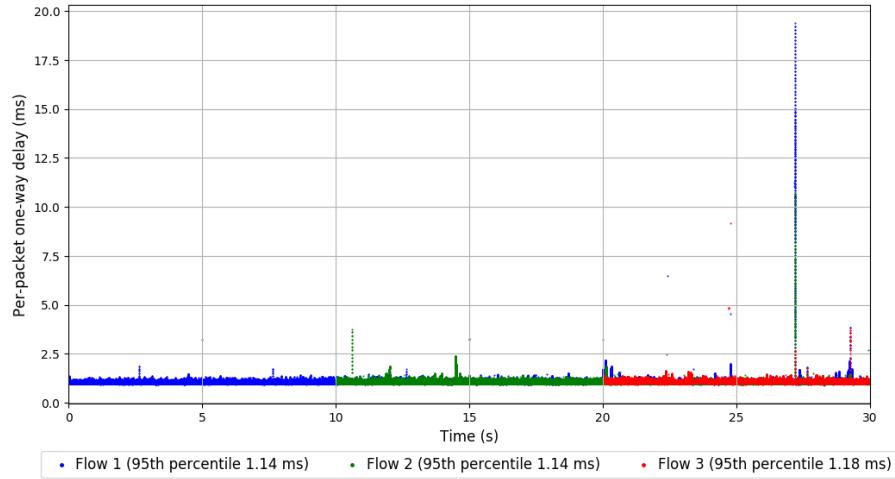
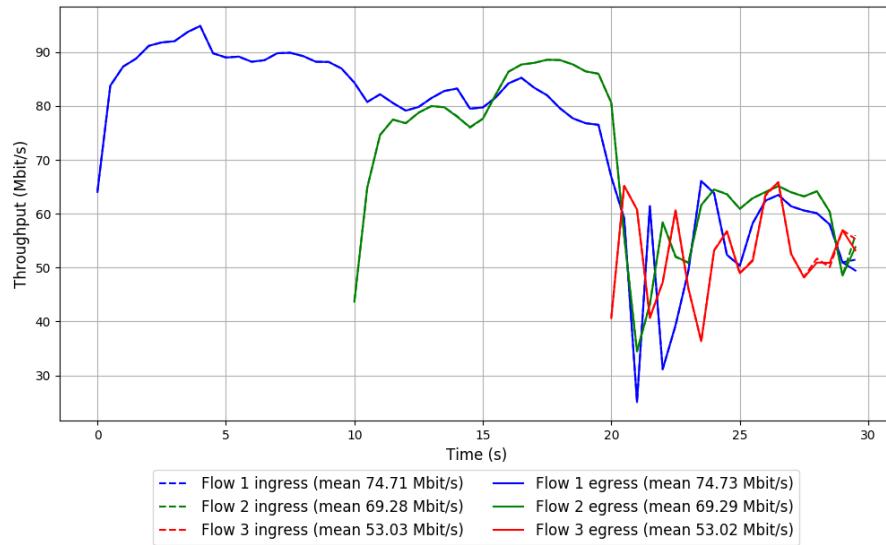


Run 8: Statistics of Copa

```
Start at: 2018-02-13 17:05:34
End at: 2018-02-13 17:06:04
Local clock offset: 2.392 ms
Remote clock offset: -4.264 ms

# Below is generated by plot.py at 2018-02-14 01:04:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 138.38 Mbit/s
95th percentile per-packet one-way delay: 1.148 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 74.73 Mbit/s
95th percentile per-packet one-way delay: 1.139 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 69.29 Mbit/s
95th percentile per-packet one-way delay: 1.144 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 53.02 Mbit/s
95th percentile per-packet one-way delay: 1.182 ms
Loss rate: 0.21%
```

Run 8: Report of Copa — Data Link

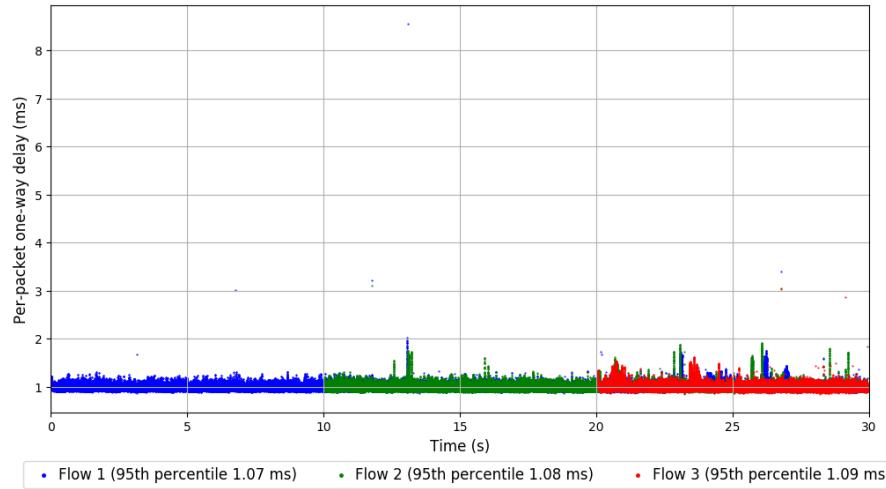
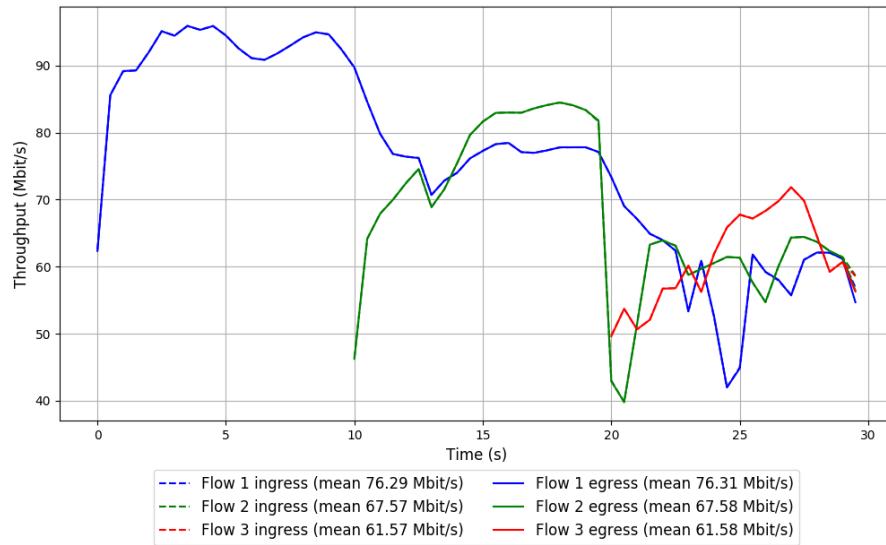


Run 9: Statistics of Copa

```
Start at: 2018-02-13 17:34:35
End at: 2018-02-13 17:35:05
Local clock offset: 3.565 ms
Remote clock offset: -4.853 ms

# Below is generated by plot.py at 2018-02-14 01:04:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 141.66 Mbit/s
95th percentile per-packet one-way delay: 1.079 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 76.31 Mbit/s
95th percentile per-packet one-way delay: 1.075 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 67.58 Mbit/s
95th percentile per-packet one-way delay: 1.082 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 61.58 Mbit/s
95th percentile per-packet one-way delay: 1.086 ms
Loss rate: 0.20%
```

Run 9: Report of Copa — Data Link

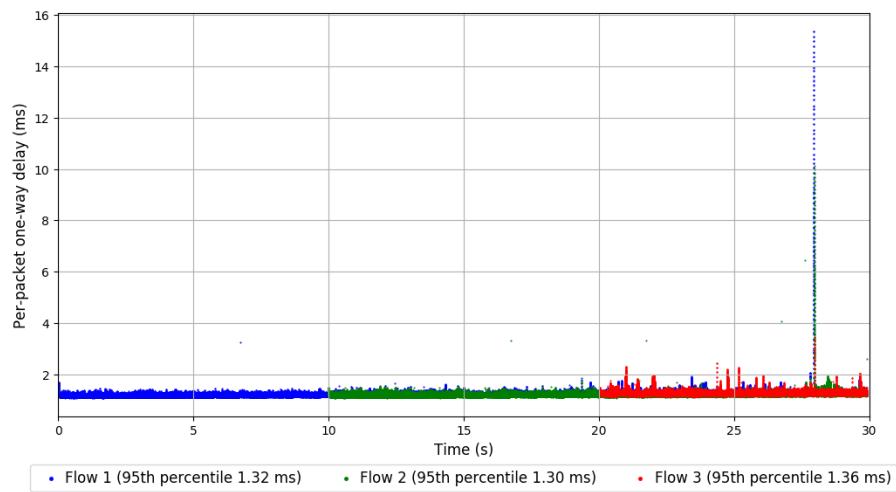
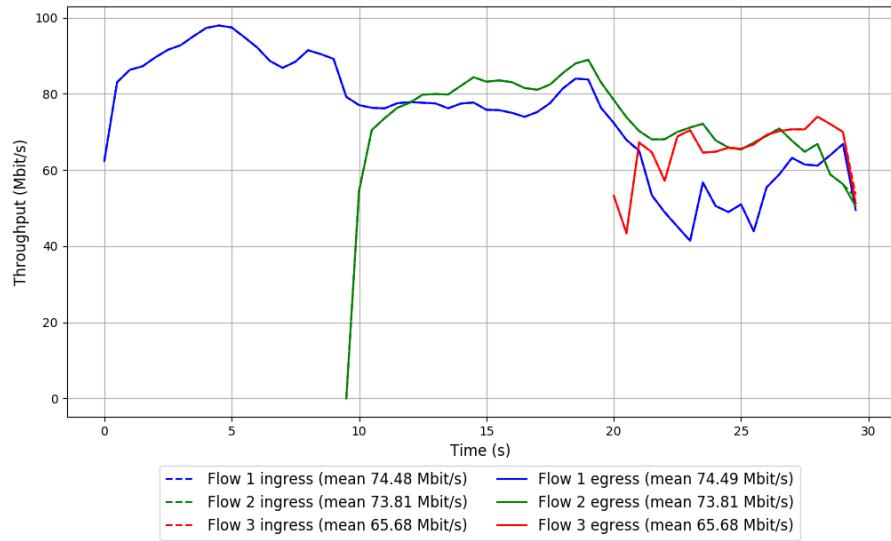


Run 10: Statistics of Copa

```
Start at: 2018-02-13 18:03:48
End at: 2018-02-13 18:04:18
Local clock offset: 0.835 ms
Remote clock offset: -5.221 ms

# Below is generated by plot.py at 2018-02-14 01:06:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 145.39 Mbit/s
95th percentile per-packet one-way delay: 1.322 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 74.49 Mbit/s
95th percentile per-packet one-way delay: 1.316 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 73.81 Mbit/s
95th percentile per-packet one-way delay: 1.302 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 65.68 Mbit/s
95th percentile per-packet one-way delay: 1.363 ms
Loss rate: 0.19%
```

Run 10: Report of Copa — Data Link

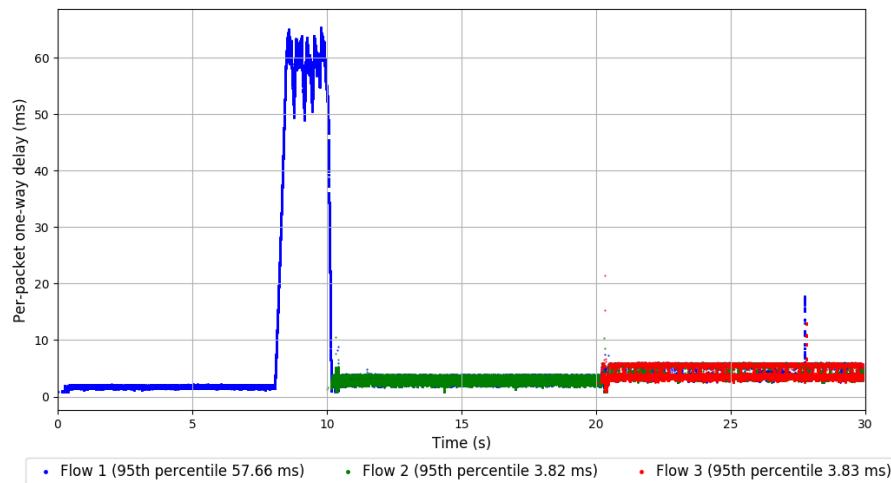
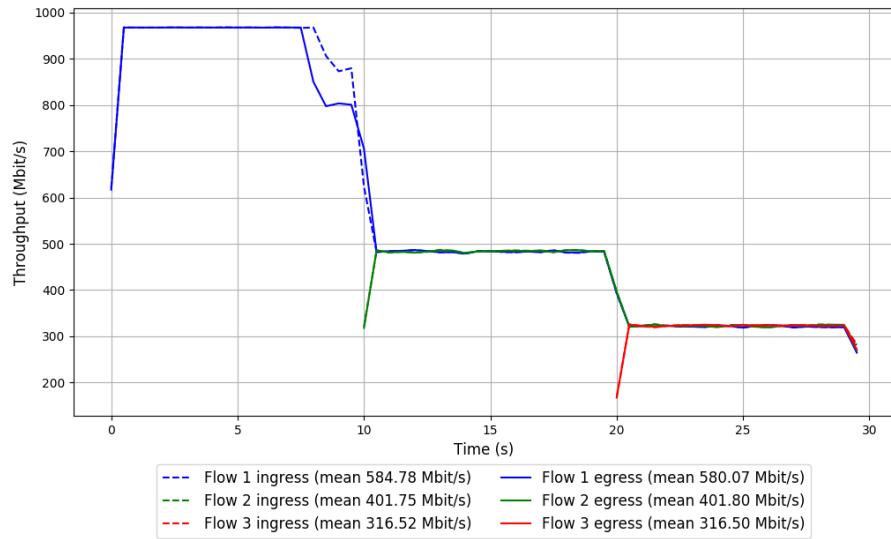


Run 1: Statistics of FillP

```
Start at: 2018-02-13 13:56:21
End at: 2018-02-13 13:56:51
Local clock offset: -0.066 ms
Remote clock offset: -5.969 ms

# Below is generated by plot.py at 2018-02-14 01:17:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 951.89 Mbit/s
95th percentile per-packet one-way delay: 35.380 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 580.07 Mbit/s
95th percentile per-packet one-way delay: 57.661 ms
Loss rate: 0.87%
-- Flow 2:
Average throughput: 401.80 Mbit/s
95th percentile per-packet one-way delay: 3.817 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 316.50 Mbit/s
95th percentile per-packet one-way delay: 3.828 ms
Loss rate: 0.20%
```

Run 1: Report of FillP — Data Link

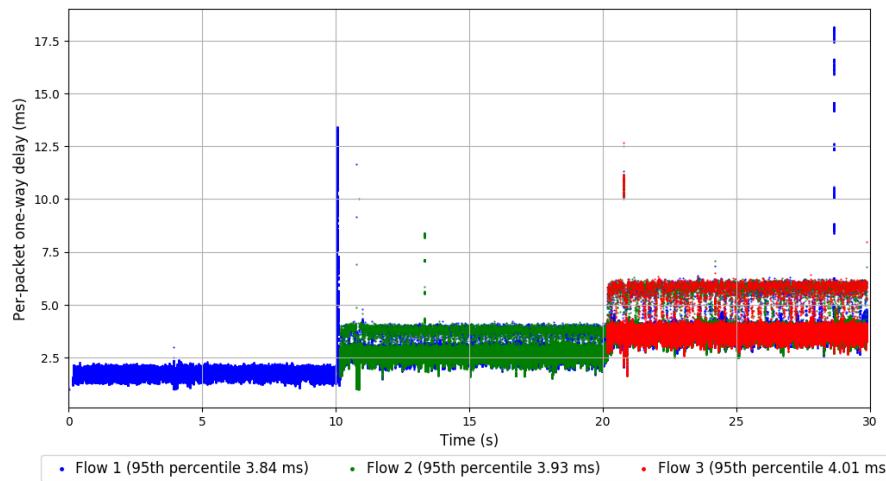
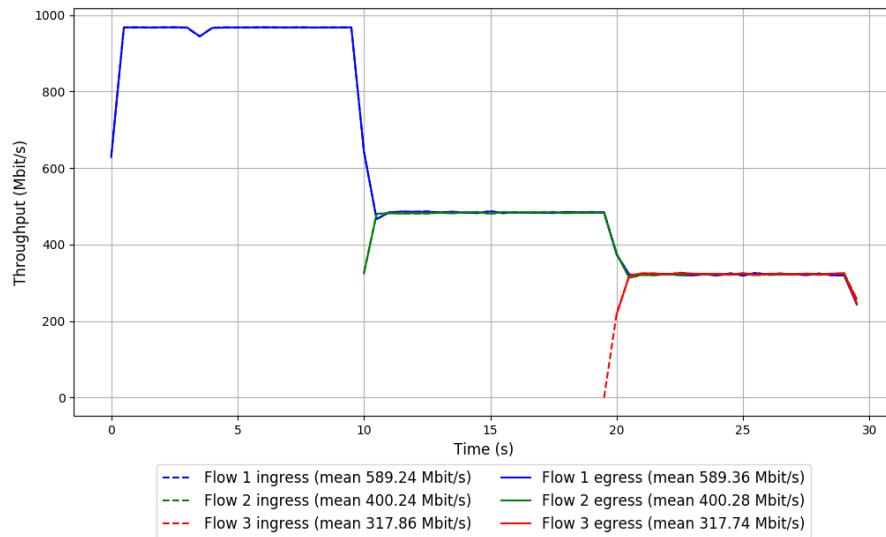


Run 2: Statistics of FillP

```
Start at: 2018-02-13 14:25:20
End at: 2018-02-13 14:25:50
Local clock offset: 0.251 ms
Remote clock offset: -5.307 ms

# Below is generated by plot.py at 2018-02-14 01:17:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 960.67 Mbit/s
95th percentile per-packet one-way delay: 3.913 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 589.36 Mbit/s
95th percentile per-packet one-way delay: 3.841 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 400.28 Mbit/s
95th percentile per-packet one-way delay: 3.930 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 317.74 Mbit/s
95th percentile per-packet one-way delay: 4.011 ms
Loss rate: 0.22%
```

Run 2: Report of FillP — Data Link

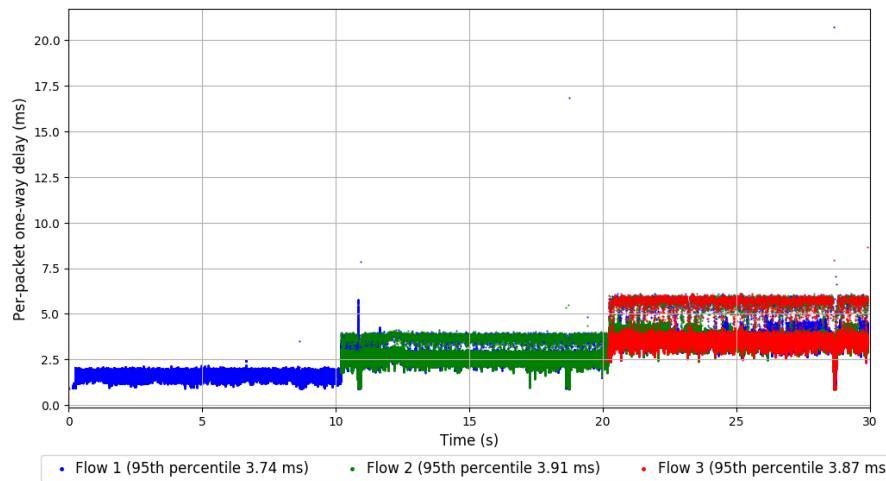
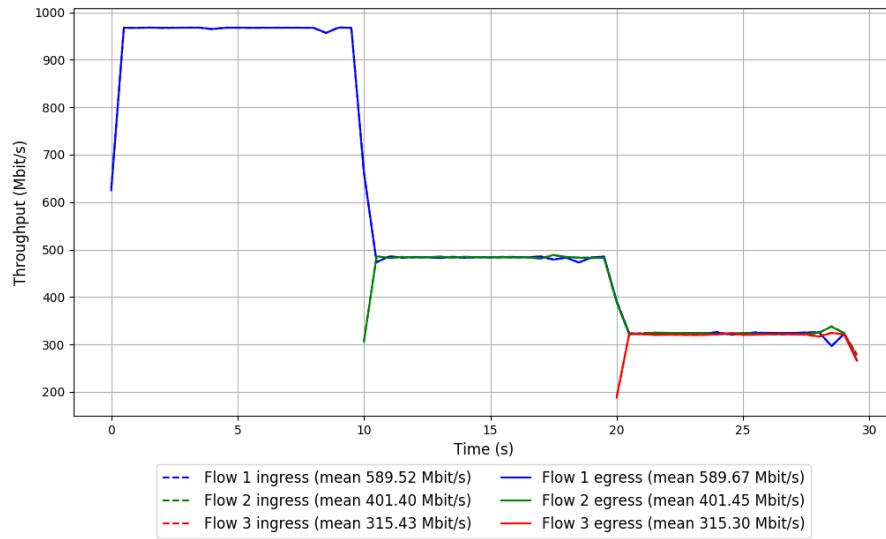


Run 3: Statistics of FillP

```
Start at: 2018-02-13 14:54:32
End at: 2018-02-13 14:55:02
Local clock offset: 0.379 ms
Remote clock offset: -5.131 ms

# Below is generated by plot.py at 2018-02-14 01:18:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 960.83 Mbit/s
95th percentile per-packet one-way delay: 3.826 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 589.67 Mbit/s
95th percentile per-packet one-way delay: 3.741 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 401.45 Mbit/s
95th percentile per-packet one-way delay: 3.910 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 315.30 Mbit/s
95th percentile per-packet one-way delay: 3.874 ms
Loss rate: 0.22%
```

Run 3: Report of FillP — Data Link

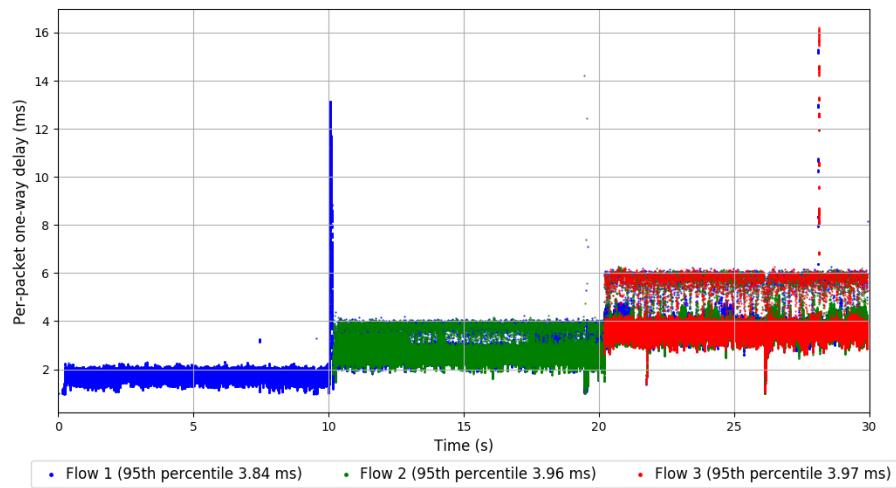
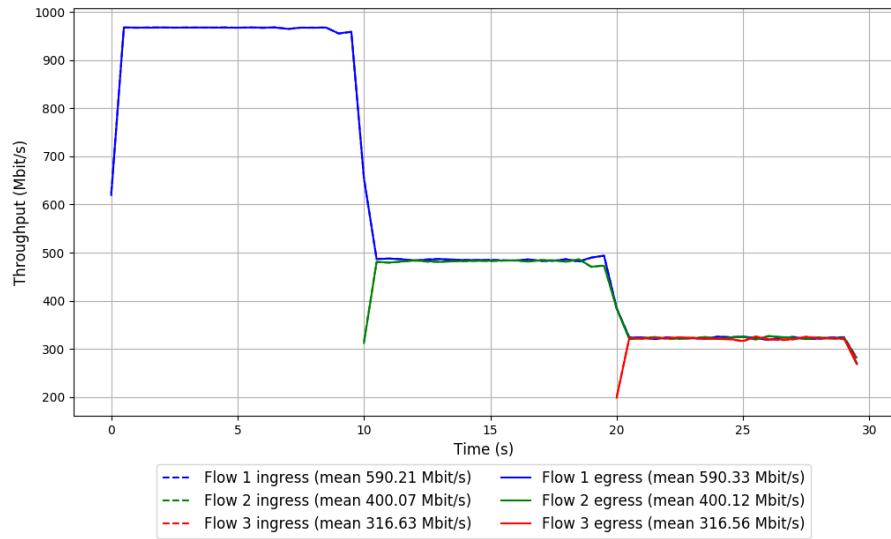


Run 4: Statistics of FillP

```
Start at: 2018-02-13 15:23:40
End at: 2018-02-13 15:24:10
Local clock offset: 0.21 ms
Remote clock offset: -5.887 ms

# Below is generated by plot.py at 2018-02-14 01:18:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 961.00 Mbit/s
95th percentile per-packet one-way delay: 3.905 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 590.33 Mbit/s
95th percentile per-packet one-way delay: 3.836 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 400.12 Mbit/s
95th percentile per-packet one-way delay: 3.956 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 316.56 Mbit/s
95th percentile per-packet one-way delay: 3.967 ms
Loss rate: 0.21%
```

Run 4: Report of FillP — Data Link

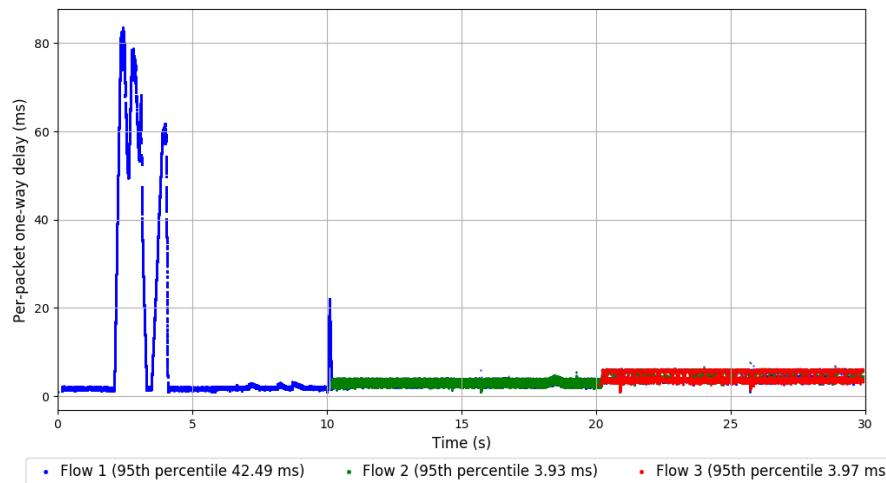
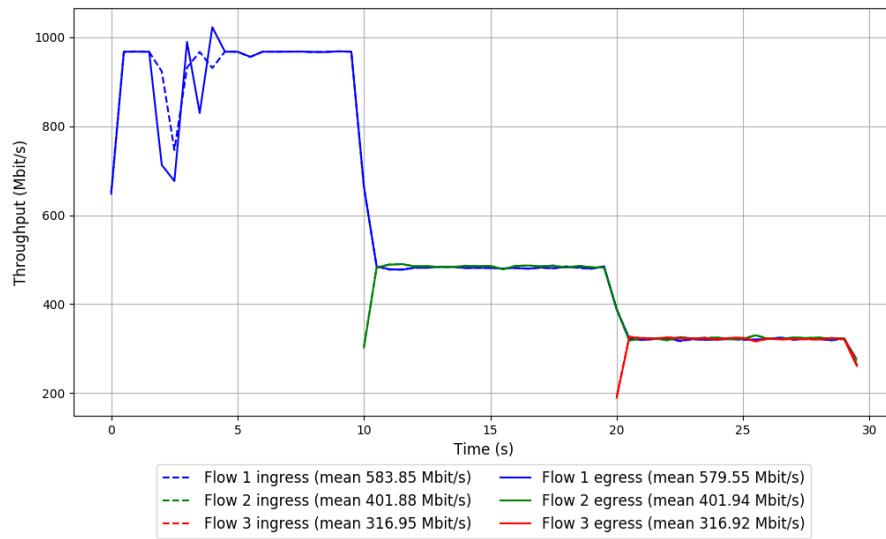


Run 5: Statistics of FillP

```
Start at: 2018-02-13 15:52:44
End at: 2018-02-13 15:53:14
Local clock offset: -0.192 ms
Remote clock offset: -7.108 ms

# Below is generated by plot.py at 2018-02-14 01:18:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 951.46 Mbit/s
95th percentile per-packet one-way delay: 8.716 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 579.55 Mbit/s
95th percentile per-packet one-way delay: 42.492 ms
Loss rate: 0.81%
-- Flow 2:
Average throughput: 401.94 Mbit/s
95th percentile per-packet one-way delay: 3.930 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 316.92 Mbit/s
95th percentile per-packet one-way delay: 3.969 ms
Loss rate: 0.21%
```

Run 5: Report of FillP — Data Link

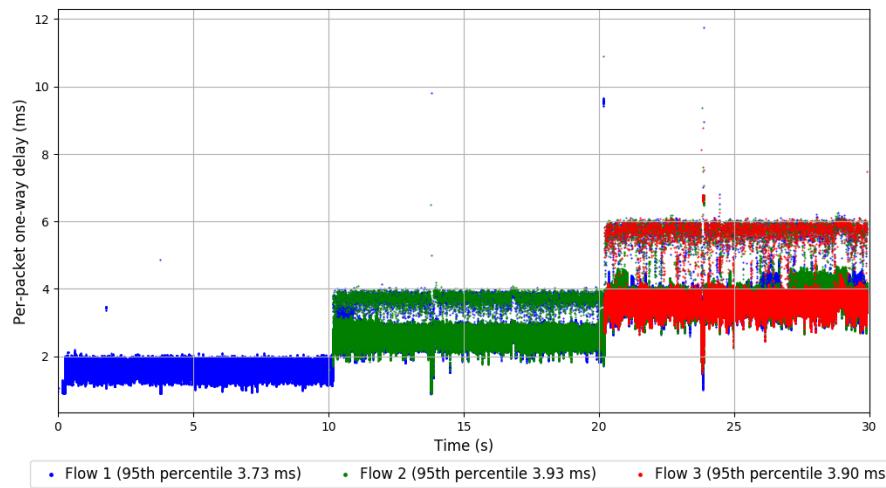
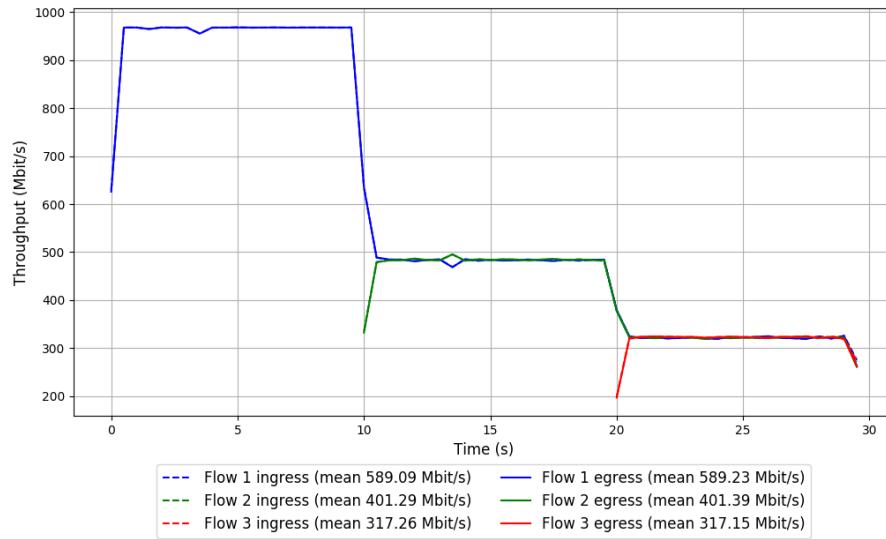


Run 6: Statistics of FillP

```
Start at: 2018-02-13 16:21:55
End at: 2018-02-13 16:22:25
Local clock offset: -0.435 ms
Remote clock offset: -6.938 ms

# Below is generated by plot.py at 2018-02-14 01:19:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 960.95 Mbit/s
95th percentile per-packet one-way delay: 3.827 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 589.23 Mbit/s
95th percentile per-packet one-way delay: 3.731 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 401.39 Mbit/s
95th percentile per-packet one-way delay: 3.933 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 317.15 Mbit/s
95th percentile per-packet one-way delay: 3.897 ms
Loss rate: 0.23%
```

Run 6: Report of FillP — Data Link

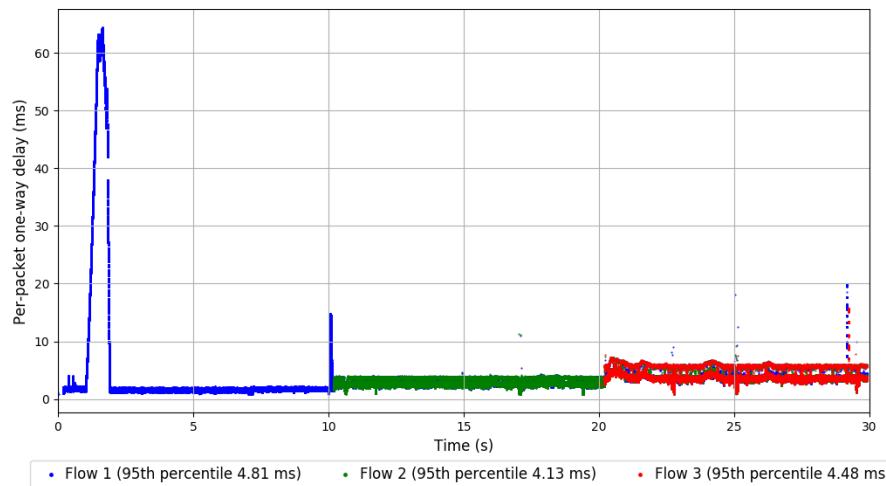
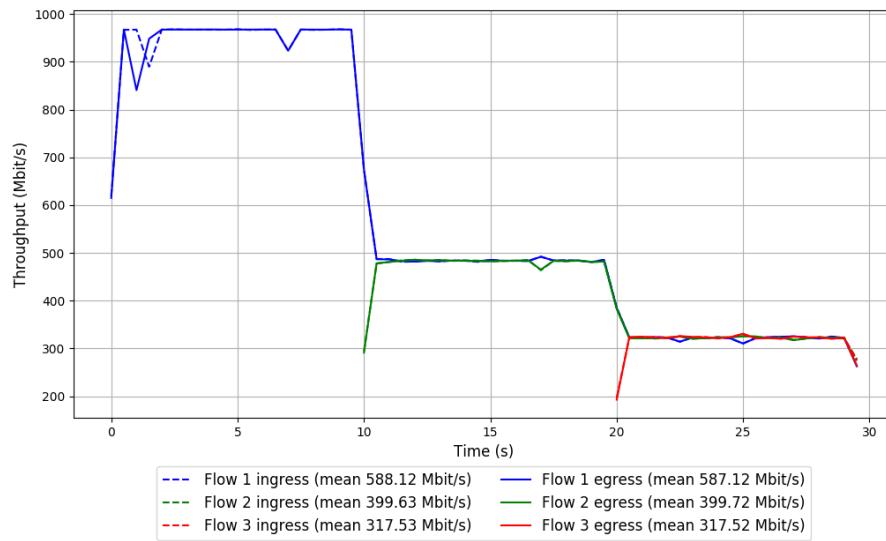


Run 7: Statistics of FillP

```
Start at: 2018-02-13 16:50:51
End at: 2018-02-13 16:51:21
Local clock offset: 0.884 ms
Remote clock offset: -5.1 ms

# Below is generated by plot.py at 2018-02-14 01:19:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 957.86 Mbit/s
95th percentile per-packet one-way delay: 4.400 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 587.12 Mbit/s
95th percentile per-packet one-way delay: 4.811 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 399.72 Mbit/s
95th percentile per-packet one-way delay: 4.127 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 317.52 Mbit/s
95th percentile per-packet one-way delay: 4.479 ms
Loss rate: 0.22%
```

Run 7: Report of FillP — Data Link

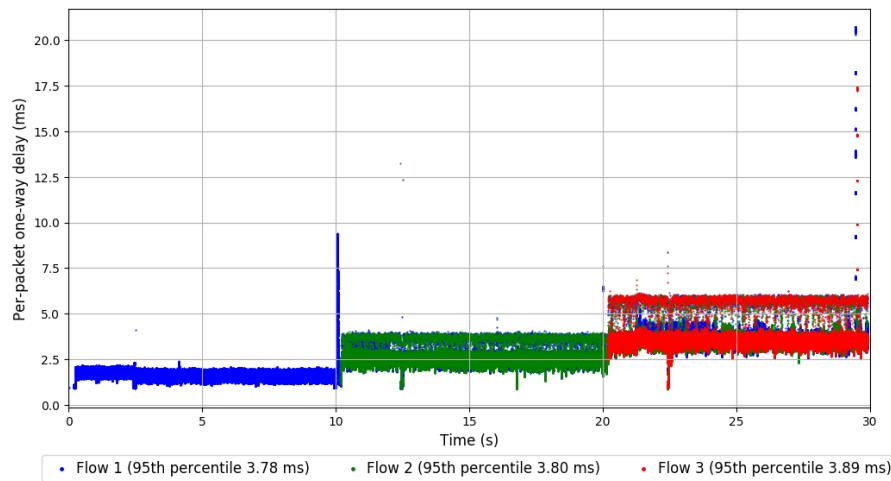
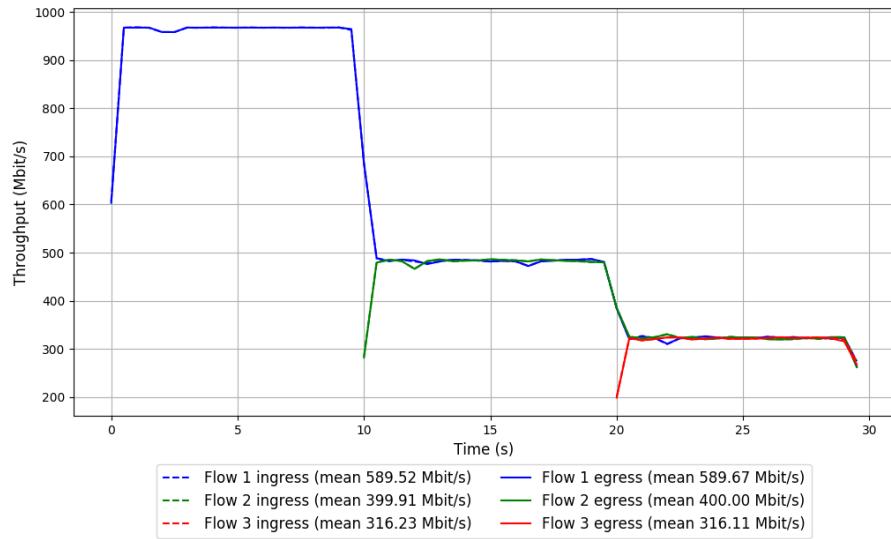


Run 8: Statistics of FillP

```
Start at: 2018-02-13 17:19:46
End at: 2018-02-13 17:20:16
Local clock offset: 3.093 ms
Remote clock offset: -4.843 ms

# Below is generated by plot.py at 2018-02-14 01:21:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 960.03 Mbit/s
95th percentile per-packet one-way delay: 3.818 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 589.67 Mbit/s
95th percentile per-packet one-way delay: 3.784 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 400.00 Mbit/s
95th percentile per-packet one-way delay: 3.802 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 316.11 Mbit/s
95th percentile per-packet one-way delay: 3.892 ms
Loss rate: 0.21%
```

Run 8: Report of FillP — Data Link

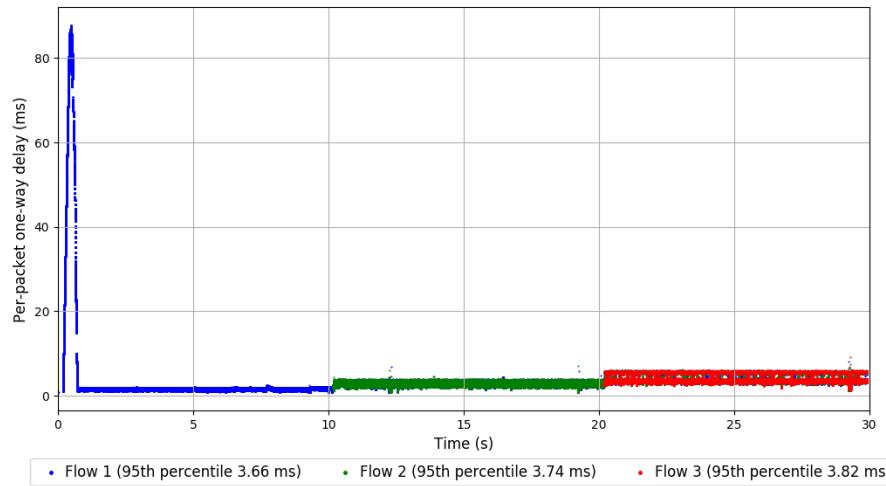
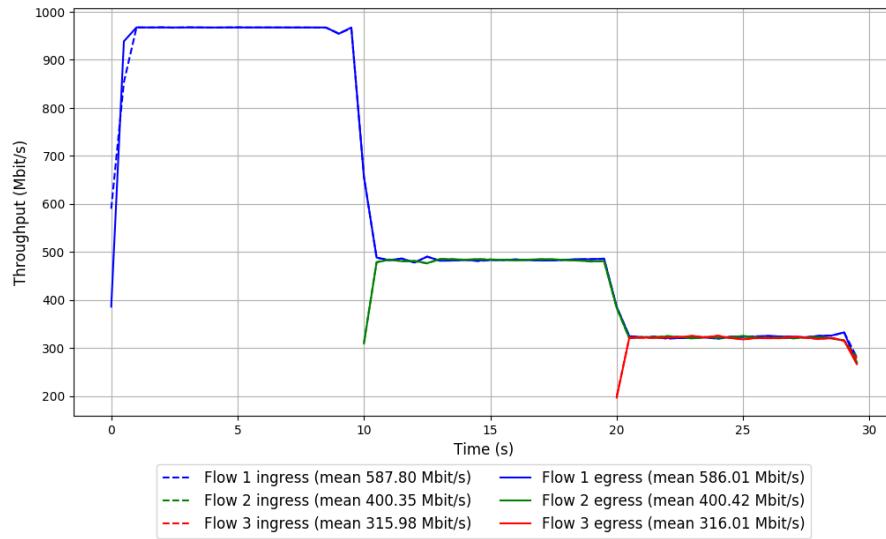


Run 9: Statistics of FillP

```
Start at: 2018-02-13 17:48:48
End at: 2018-02-13 17:49:18
Local clock offset: 4.067 ms
Remote clock offset: -4.968 ms

# Below is generated by plot.py at 2018-02-14 01:32:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 956.83 Mbit/s
95th percentile per-packet one-way delay: 3.733 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 586.01 Mbit/s
95th percentile per-packet one-way delay: 3.664 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 400.42 Mbit/s
95th percentile per-packet one-way delay: 3.737 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 316.01 Mbit/s
95th percentile per-packet one-way delay: 3.824 ms
Loss rate: 0.22%
```

Run 9: Report of FillP — Data Link

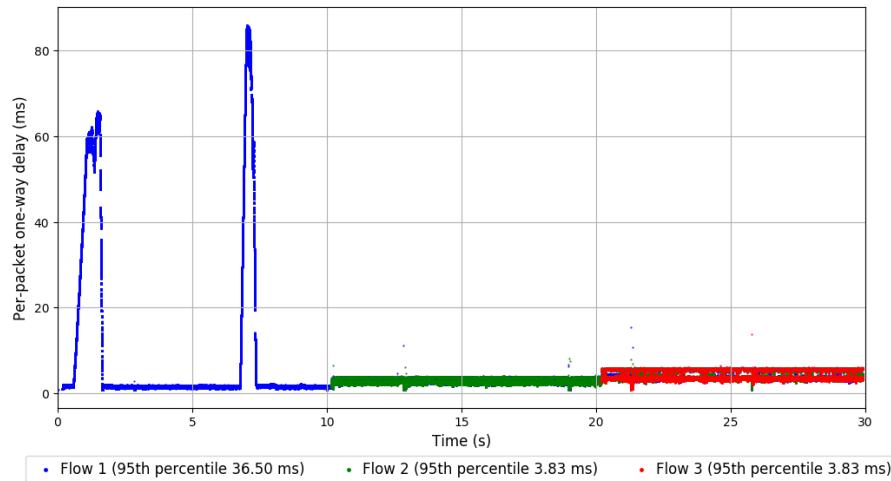
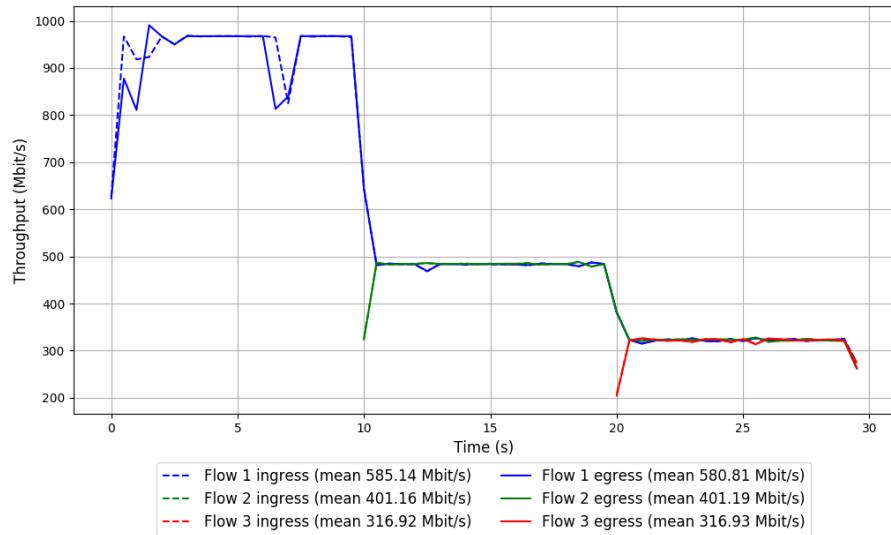


Run 10: Statistics of FillP

```
Start at: 2018-02-13 18:18:04
End at: 2018-02-13 18:18:34
Local clock offset: -0.86 ms
Remote clock offset: -5.35 ms

# Below is generated by plot.py at 2018-02-14 01:32:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 952.55 Mbit/s
95th percentile per-packet one-way delay: 4.486 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 580.81 Mbit/s
95th percentile per-packet one-way delay: 36.502 ms
Loss rate: 0.80%
-- Flow 2:
Average throughput: 401.19 Mbit/s
95th percentile per-packet one-way delay: 3.827 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 316.93 Mbit/s
95th percentile per-packet one-way delay: 3.832 ms
Loss rate: 0.20%
```

Run 10: Report of FillP — Data Link

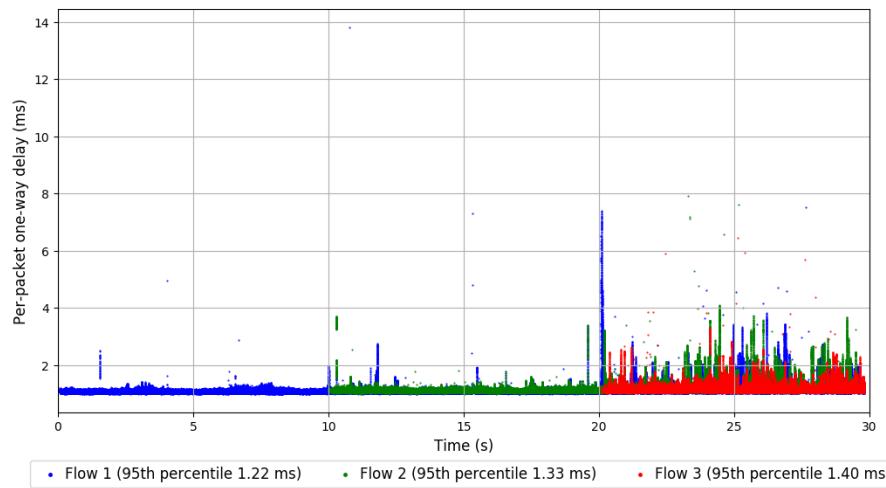
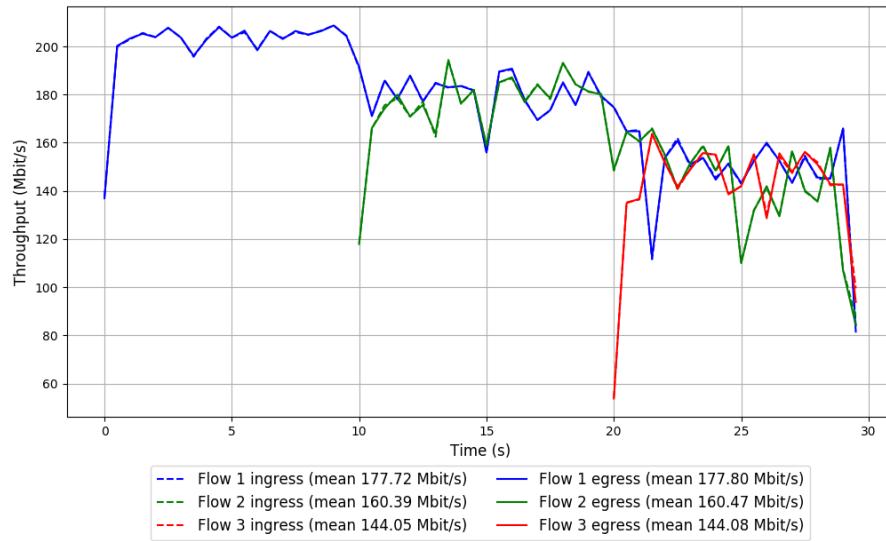


Run 1: Statistics of Indigo-1-32

```
Start at: 2018-02-13 13:54:46
End at: 2018-02-13 13:55:16
Local clock offset: 0.004 ms
Remote clock offset: -6.099 ms

# Below is generated by plot.py at 2018-02-14 01:32:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 331.28 Mbit/s
95th percentile per-packet one-way delay: 1.288 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 177.80 Mbit/s
95th percentile per-packet one-way delay: 1.223 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 160.47 Mbit/s
95th percentile per-packet one-way delay: 1.327 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 144.08 Mbit/s
95th percentile per-packet one-way delay: 1.395 ms
Loss rate: 0.22%
```

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

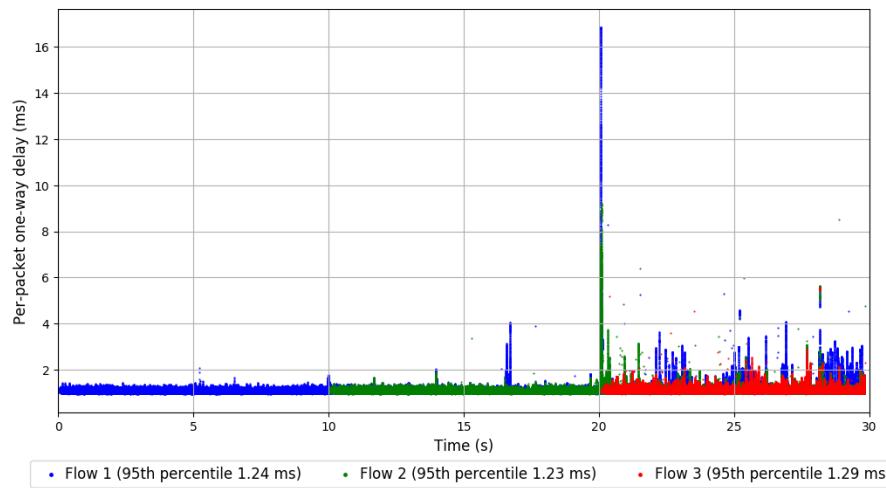
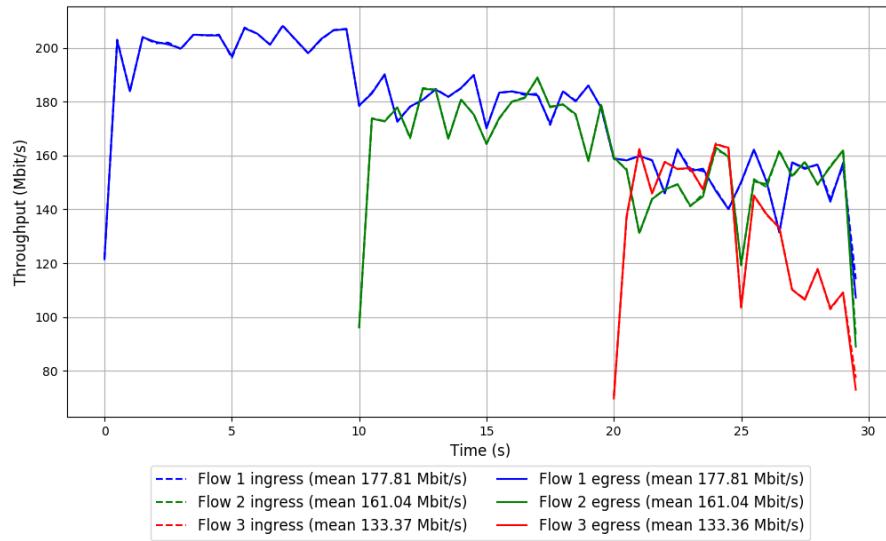


Run 2: Statistics of Indigo-1-32

```
Start at: 2018-02-13 14:23:46
End at: 2018-02-13 14:24:16
Local clock offset: 0.181 ms
Remote clock offset: -5.359 ms

# Below is generated by plot.py at 2018-02-14 01:32:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 328.25 Mbit/s
95th percentile per-packet one-way delay: 1.245 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 177.81 Mbit/s
95th percentile per-packet one-way delay: 1.243 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 161.04 Mbit/s
95th percentile per-packet one-way delay: 1.228 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 133.36 Mbit/s
95th percentile per-packet one-way delay: 1.294 ms
Loss rate: 0.17%
```

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

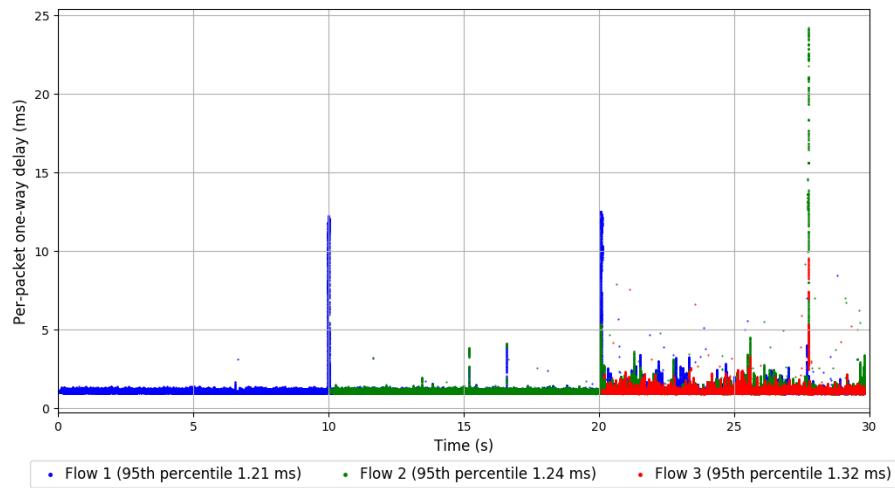
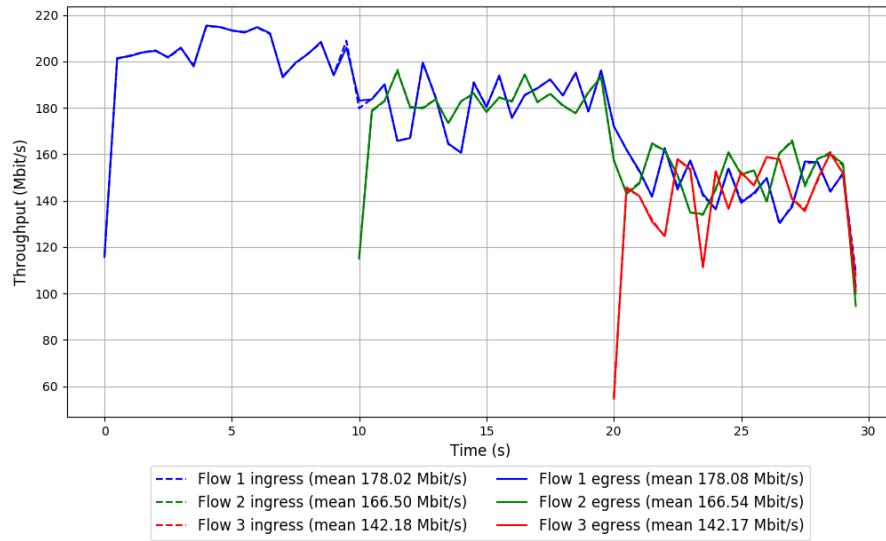


Run 3: Statistics of Indigo-1-32

```
Start at: 2018-02-13 14:52:57
End at: 2018-02-13 14:53:27
Local clock offset: 0.455 ms
Remote clock offset: -4.931 ms

# Below is generated by plot.py at 2018-02-14 01:32:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 334.94 Mbit/s
95th percentile per-packet one-way delay: 1.232 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 178.08 Mbit/s
95th percentile per-packet one-way delay: 1.207 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 166.54 Mbit/s
95th percentile per-packet one-way delay: 1.239 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 142.17 Mbit/s
95th percentile per-packet one-way delay: 1.317 ms
Loss rate: 0.22%
```

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

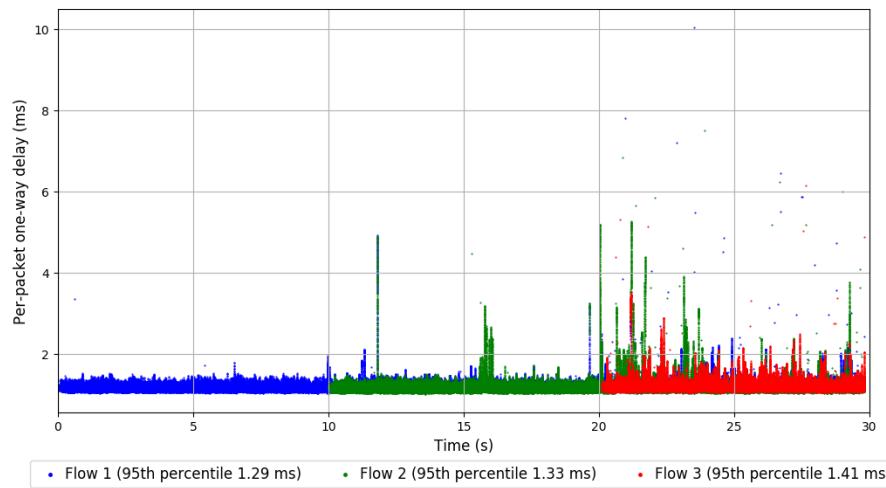
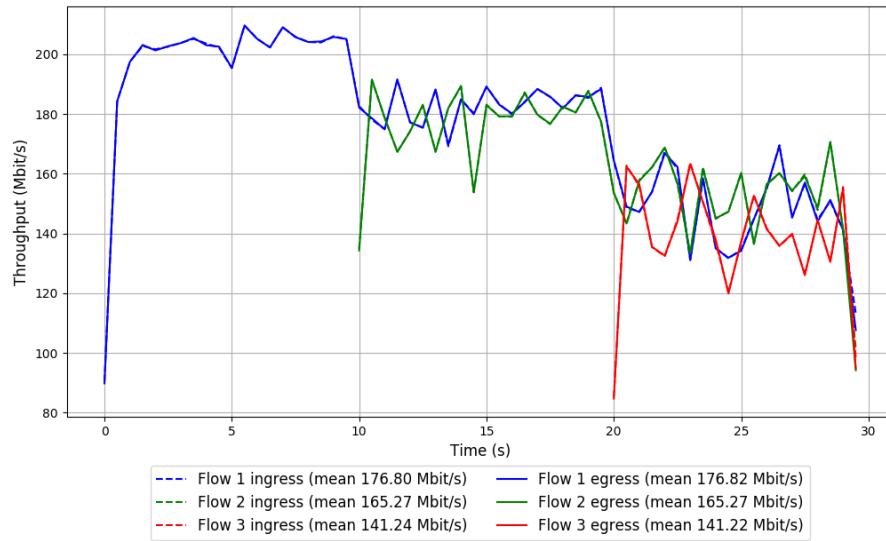


Run 4: Statistics of Indigo-1-32

```
Start at: 2018-02-13 15:22:05
End at: 2018-02-13 15:22:35
Local clock offset: 0.328 ms
Remote clock offset: -5.882 ms

# Below is generated by plot.py at 2018-02-14 01:32:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 332.59 Mbit/s
95th percentile per-packet one-way delay: 1.319 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 176.82 Mbit/s
95th percentile per-packet one-way delay: 1.295 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 165.27 Mbit/s
95th percentile per-packet one-way delay: 1.328 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 141.22 Mbit/s
95th percentile per-packet one-way delay: 1.409 ms
Loss rate: 0.16%
```

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

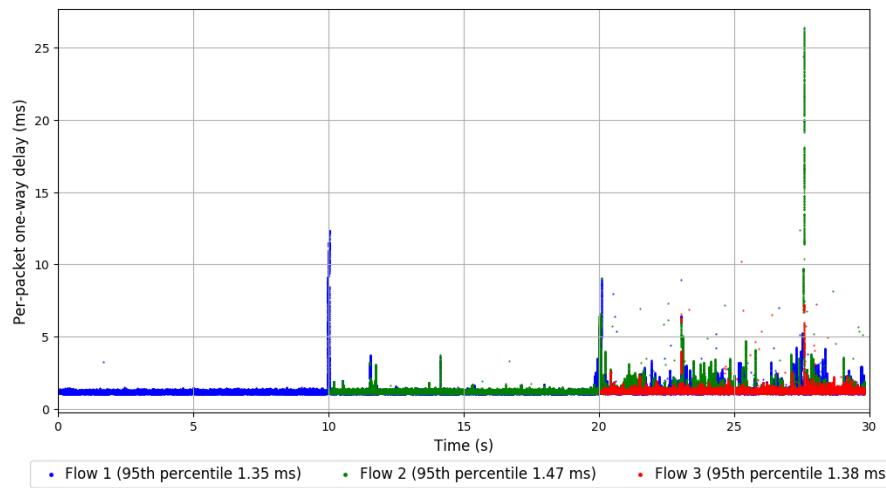
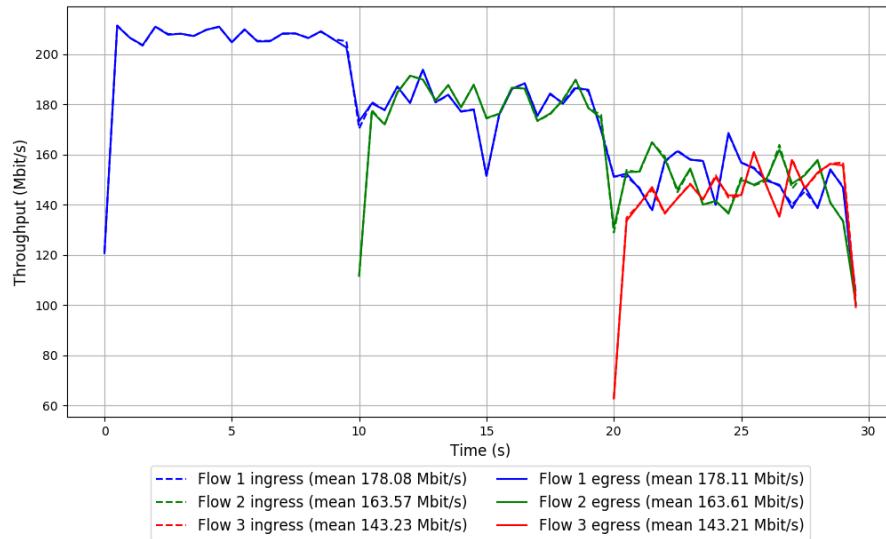


Run 5: Statistics of Indigo-1-32

```
Start at: 2018-02-13 15:51:09
End at: 2018-02-13 15:51:39
Local clock offset: -0.06 ms
Remote clock offset: -7.084 ms

# Below is generated by plot.py at 2018-02-14 01:32:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 333.77 Mbit/s
95th percentile per-packet one-way delay: 1.398 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 178.11 Mbit/s
95th percentile per-packet one-way delay: 1.355 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 163.61 Mbit/s
95th percentile per-packet one-way delay: 1.474 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 143.21 Mbit/s
95th percentile per-packet one-way delay: 1.381 ms
Loss rate: 0.17%
```

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

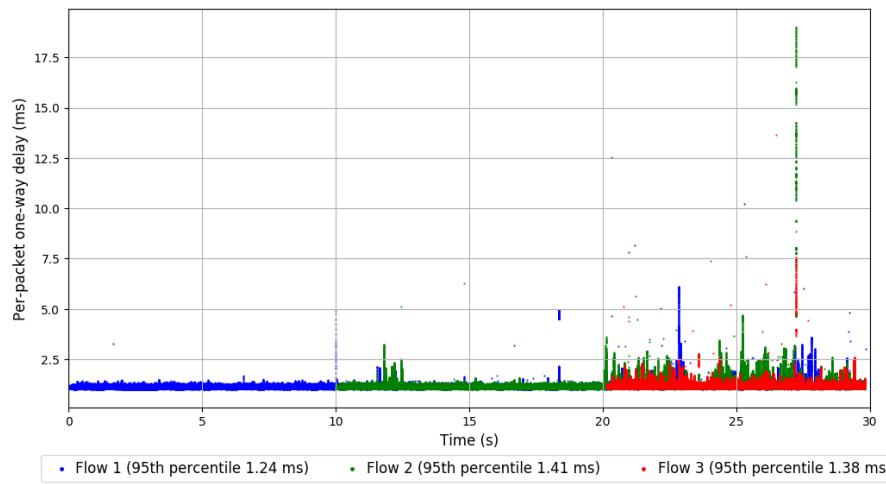
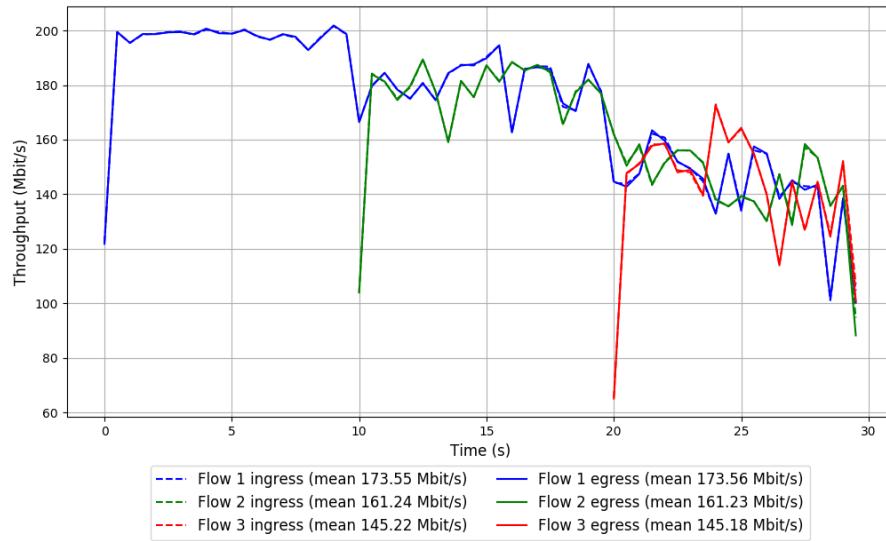


Run 6: Statistics of Indigo-1-32

```
Start at: 2018-02-13 16:20:21
End at: 2018-02-13 16:20:51
Local clock offset: -0.332 ms
Remote clock offset: -7.006 ms

# Below is generated by plot.py at 2018-02-14 01:32:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 327.84 Mbit/s
95th percentile per-packet one-way delay: 1.299 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 173.56 Mbit/s
95th percentile per-packet one-way delay: 1.237 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 161.23 Mbit/s
95th percentile per-packet one-way delay: 1.413 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 145.18 Mbit/s
95th percentile per-packet one-way delay: 1.383 ms
Loss rate: 0.22%
```

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

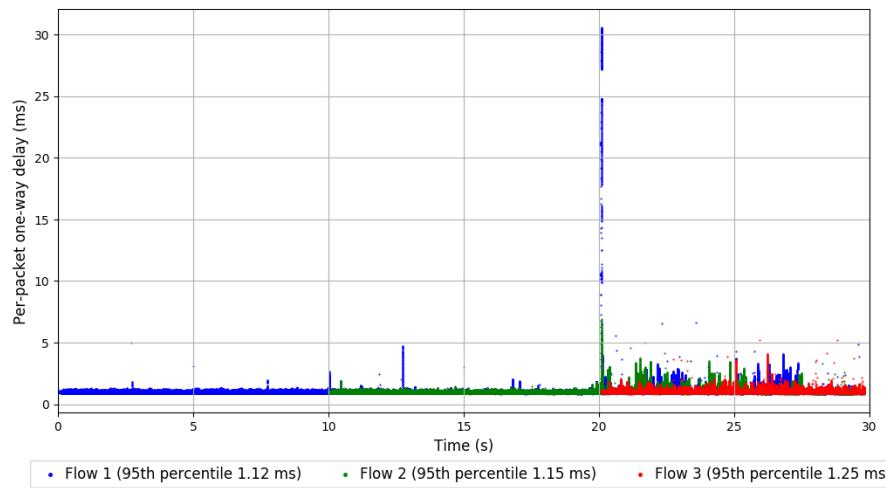
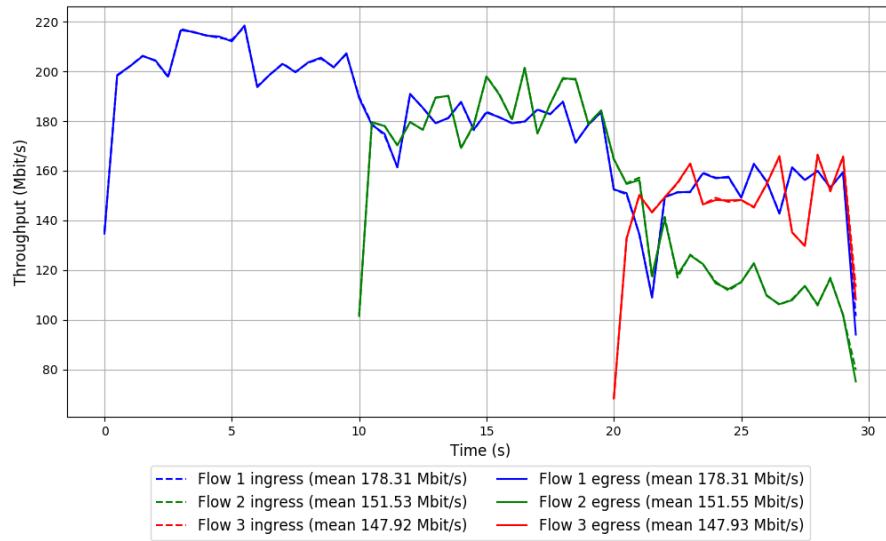


Run 7: Statistics of Indigo-1-32

```
Start at: 2018-02-13 16:49:17
End at: 2018-02-13 16:49:47
Local clock offset: 0.589 ms
Remote clock offset: -5.233 ms

# Below is generated by plot.py at 2018-02-14 01:32:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 327.16 Mbit/s
95th percentile per-packet one-way delay: 1.148 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 178.31 Mbit/s
95th percentile per-packet one-way delay: 1.120 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 151.55 Mbit/s
95th percentile per-packet one-way delay: 1.148 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 147.93 Mbit/s
95th percentile per-packet one-way delay: 1.253 ms
Loss rate: 0.19%
```

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

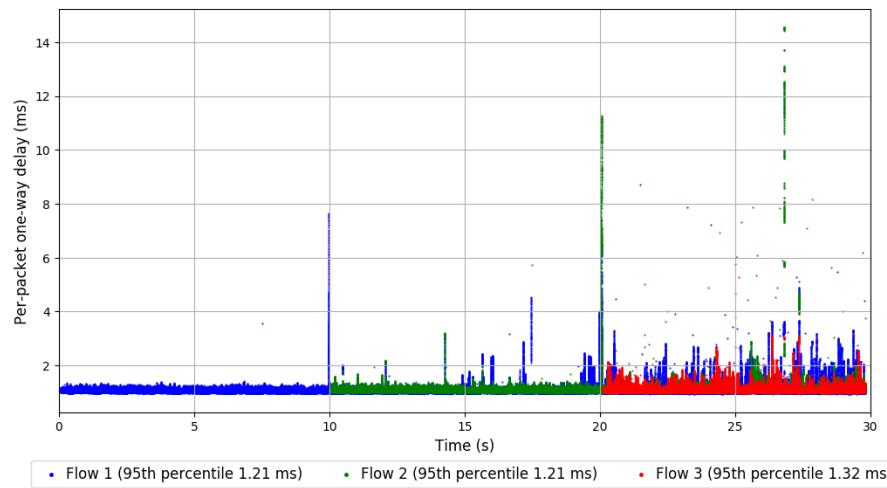
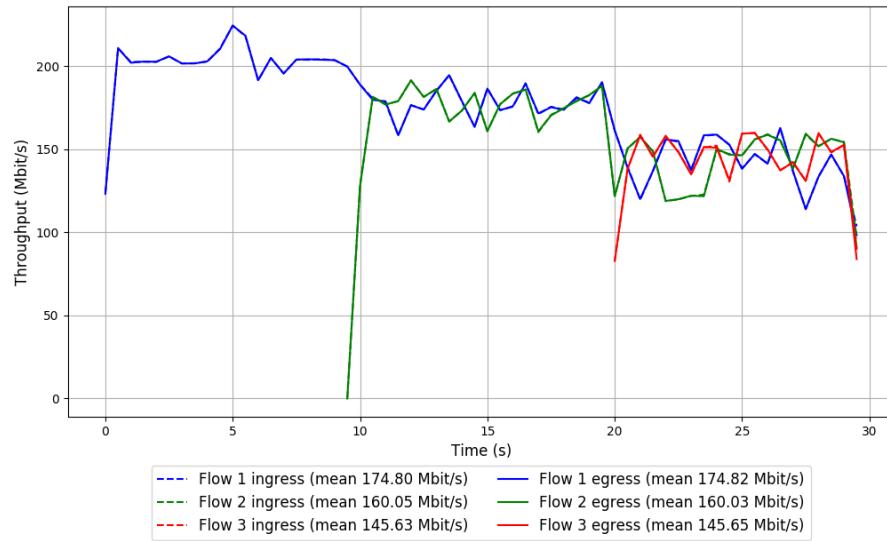


Run 8: Statistics of Indigo-1-32

```
Start at: 2018-02-13 17:18:11
End at: 2018-02-13 17:18:41
Local clock offset: 3.039 ms
Remote clock offset: -4.902 ms

# Below is generated by plot.py at 2018-02-14 01:32:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 328.53 Mbit/s
95th percentile per-packet one-way delay: 1.231 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 174.82 Mbit/s
95th percentile per-packet one-way delay: 1.214 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 160.03 Mbit/s
95th percentile per-packet one-way delay: 1.214 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 145.65 Mbit/s
95th percentile per-packet one-way delay: 1.319 ms
Loss rate: 0.21%
```

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

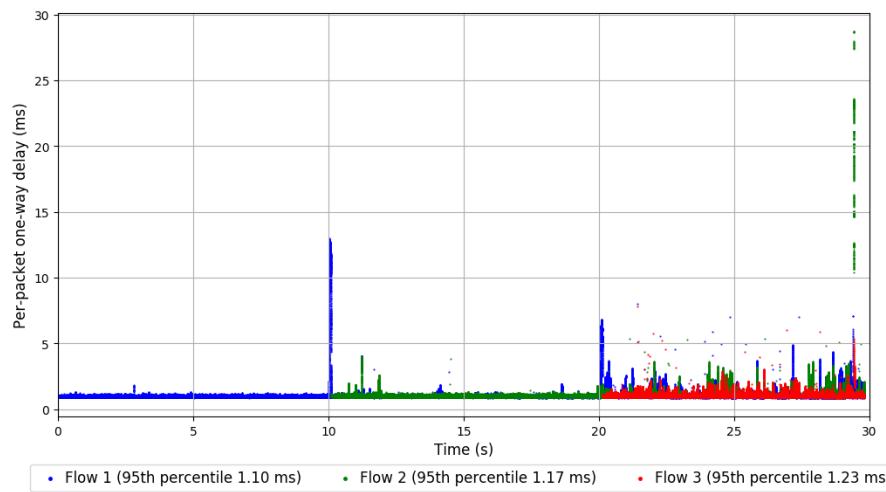
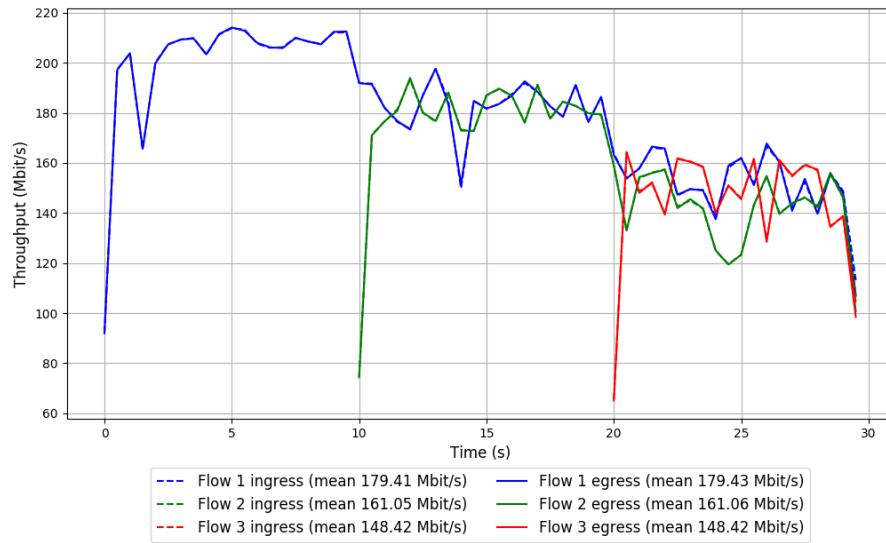


Run 9: Statistics of Indigo-1-32

```
Start at: 2018-02-13 17:47:13
End at: 2018-02-13 17:47:43
Local clock offset: 3.998 ms
Remote clock offset: -4.989 ms

# Below is generated by plot.py at 2018-02-14 01:32:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 334.21 Mbit/s
95th percentile per-packet one-way delay: 1.147 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 179.43 Mbit/s
95th percentile per-packet one-way delay: 1.103 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 161.06 Mbit/s
95th percentile per-packet one-way delay: 1.171 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 148.42 Mbit/s
95th percentile per-packet one-way delay: 1.234 ms
Loss rate: 0.20%
```

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

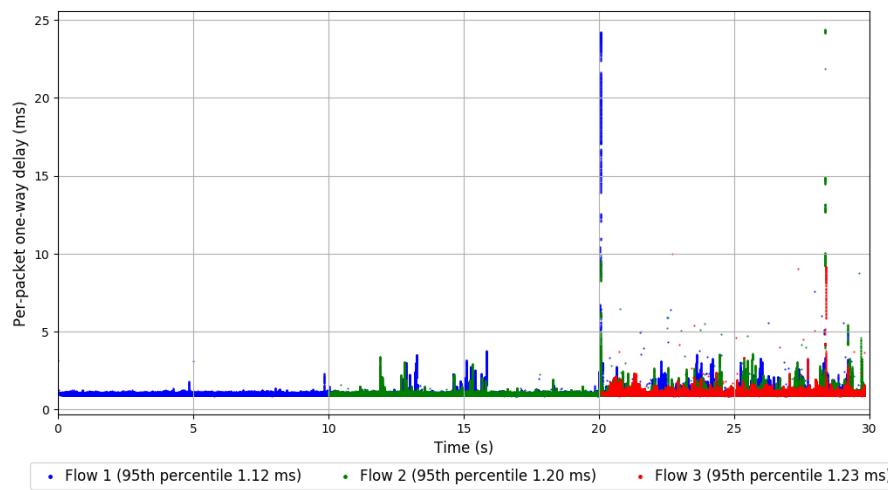
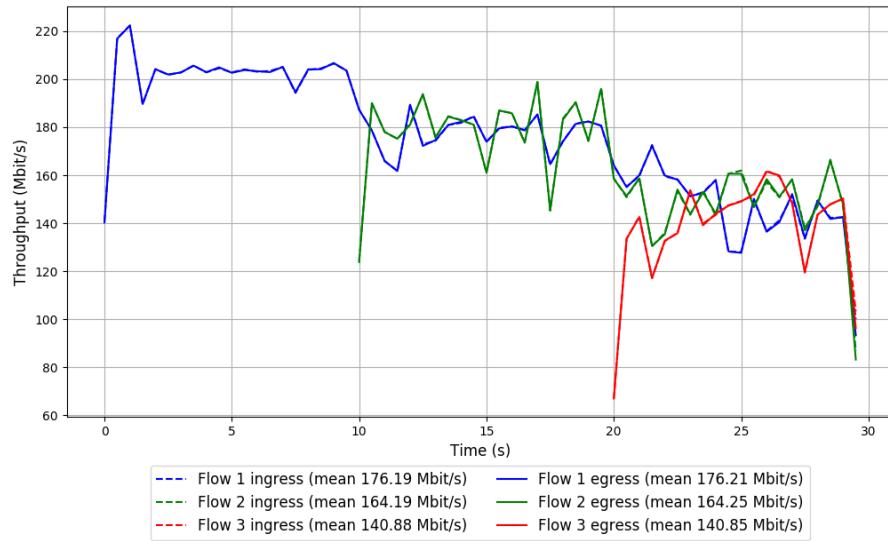


Run 10: Statistics of Indigo-1-32

```
Start at: 2018-02-13 18:16:29
End at: 2018-02-13 18:16:59
Local clock offset: -0.744 ms
Remote clock offset: -5.213 ms

# Below is generated by plot.py at 2018-02-14 01:32:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 331.28 Mbit/s
95th percentile per-packet one-way delay: 1.168 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 176.21 Mbit/s
95th percentile per-packet one-way delay: 1.125 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 164.25 Mbit/s
95th percentile per-packet one-way delay: 1.204 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 140.85 Mbit/s
95th percentile per-packet one-way delay: 1.226 ms
Loss rate: 0.25%
```

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

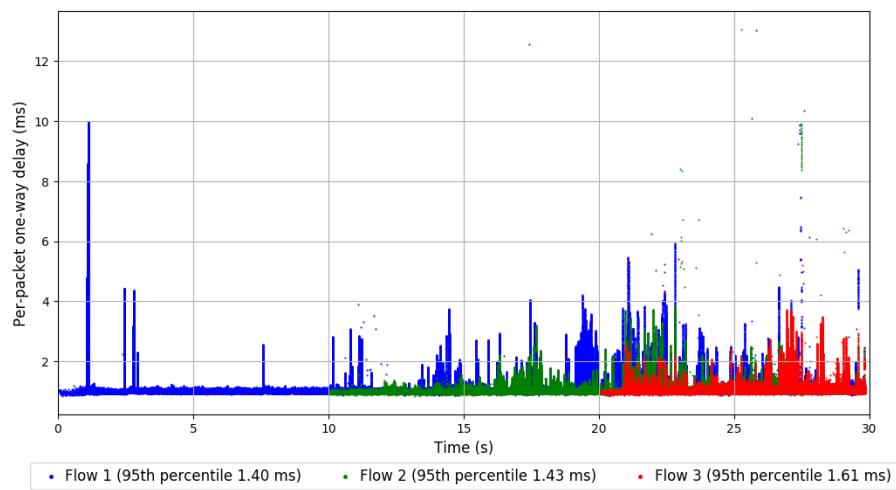
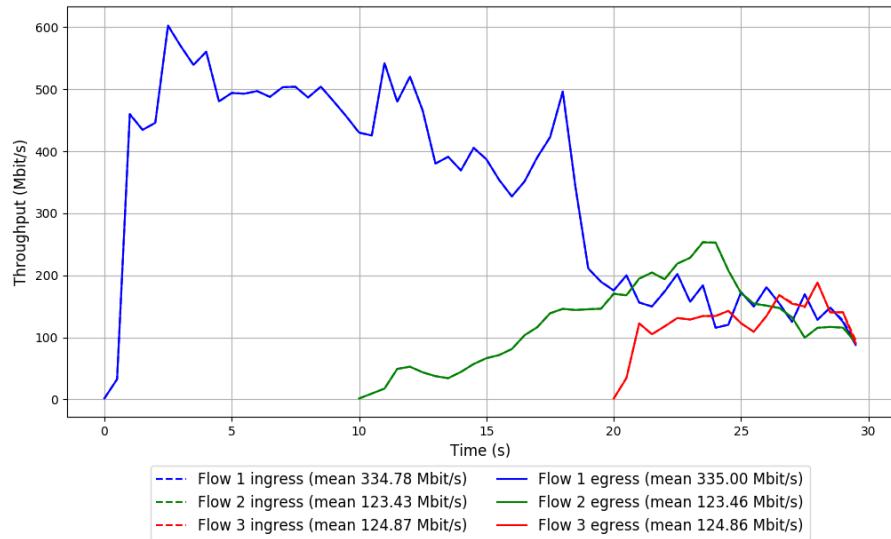


Run 1: Statistics of Vivace-latency

```
Start at: 2018-02-13 13:49:34
End at: 2018-02-13 13:50:04
Local clock offset: -0.095 ms
Remote clock offset: -6.315 ms

# Below is generated by plot.py at 2018-02-14 01:32:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 458.12 Mbit/s
95th percentile per-packet one-way delay: 1.433 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 335.00 Mbit/s
95th percentile per-packet one-way delay: 1.395 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 123.46 Mbit/s
95th percentile per-packet one-way delay: 1.427 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 124.86 Mbit/s
95th percentile per-packet one-way delay: 1.607 ms
Loss rate: 0.21%
```

Run 1: Report of Vivace-latency — Data Link

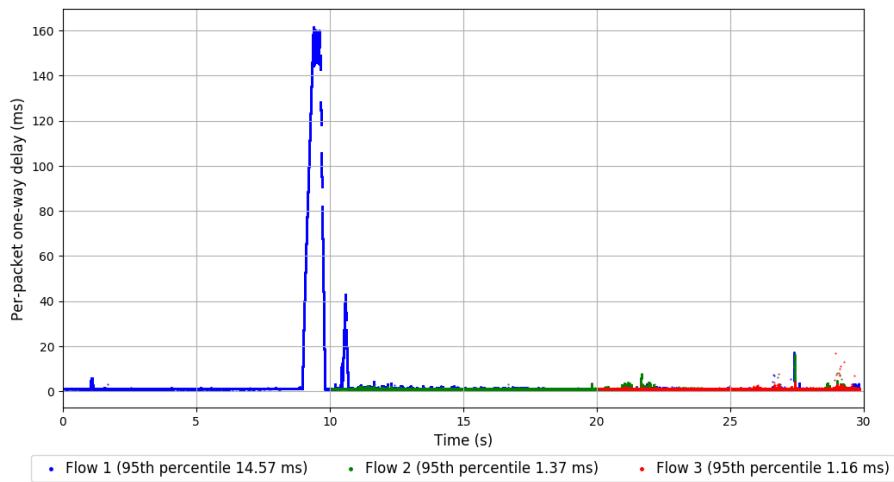
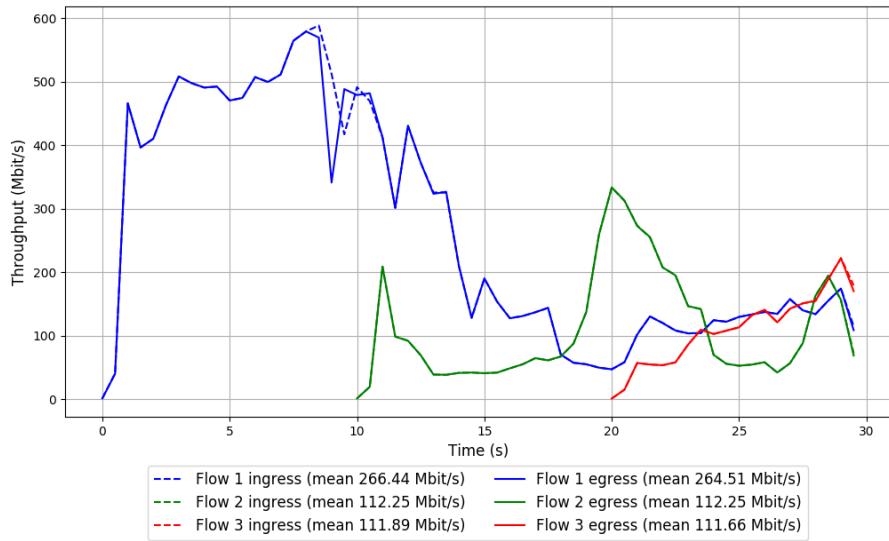


Run 2: Statistics of Vivace-latency

```
Start at: 2018-02-13 14:18:39
End at: 2018-02-13 14:19:09
Local clock offset: 0.214 ms
Remote clock offset: -5.385 ms

# Below is generated by plot.py at 2018-02-14 01:32:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 375.66 Mbit/s
95th percentile per-packet one-way delay: 2.792 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 264.51 Mbit/s
95th percentile per-packet one-way delay: 14.575 ms
Loss rate: 0.79%
-- Flow 2:
Average throughput: 112.25 Mbit/s
95th percentile per-packet one-way delay: 1.372 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 111.66 Mbit/s
95th percentile per-packet one-way delay: 1.156 ms
Loss rate: 0.44%
```

Run 2: Report of Vivace-latency — Data Link

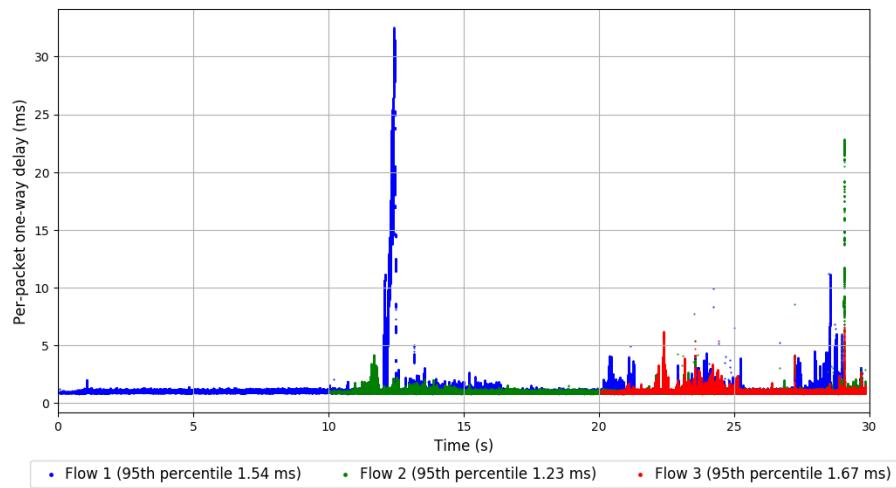
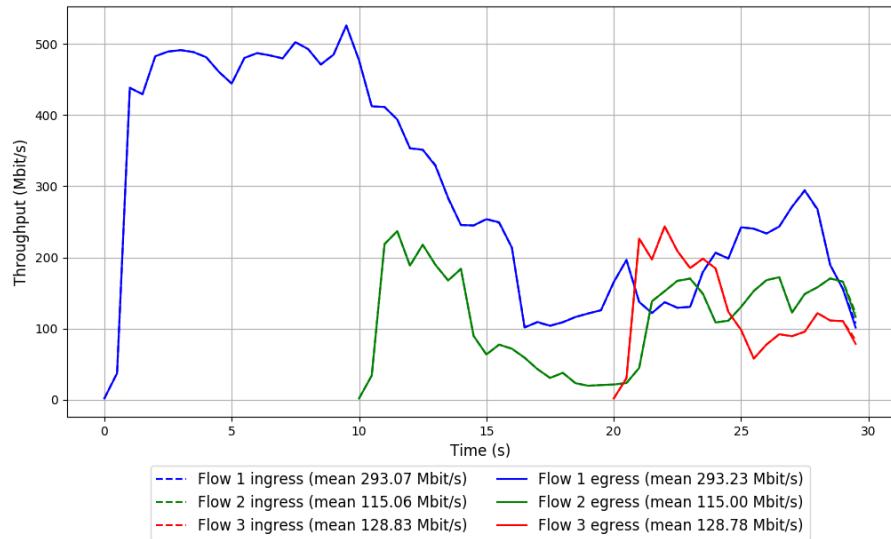


Run 3: Statistics of Vivace-latency

```
Start at: 2018-02-13 14:47:46
End at: 2018-02-13 14:48:16
Local clock offset: 0.343 ms
Remote clock offset: -4.819 ms

# Below is generated by plot.py at 2018-02-14 01:33:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 411.96 Mbit/s
95th percentile per-packet one-way delay: 1.472 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 293.23 Mbit/s
95th percentile per-packet one-way delay: 1.536 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 115.00 Mbit/s
95th percentile per-packet one-way delay: 1.228 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 128.78 Mbit/s
95th percentile per-packet one-way delay: 1.673 ms
Loss rate: 0.22%
```

Run 3: Report of Vivace-latency — Data Link

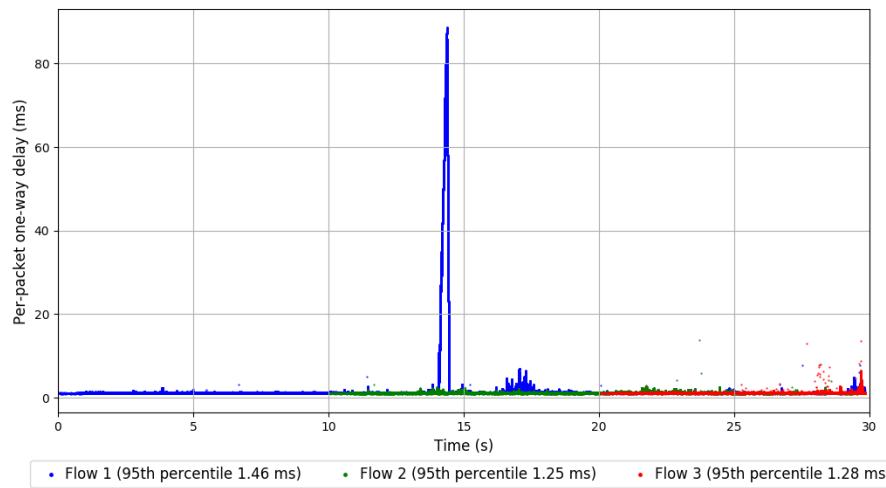
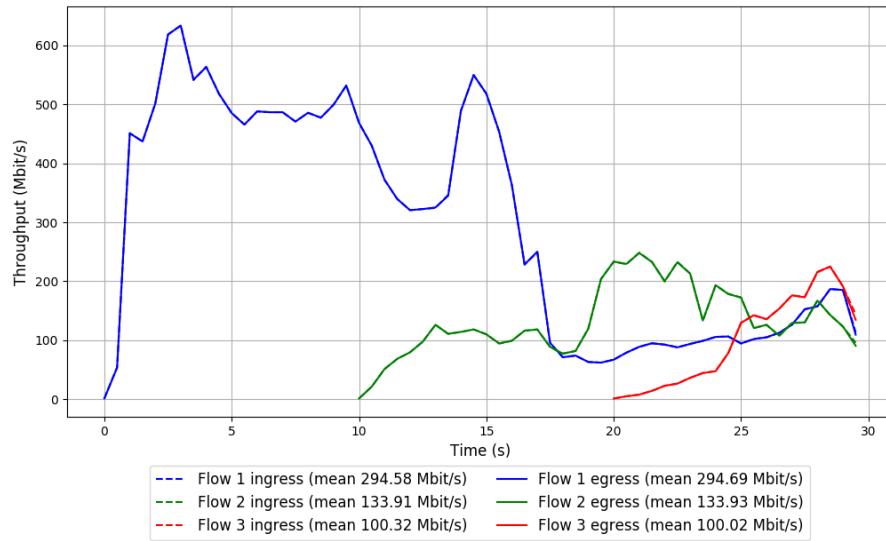


Run 4: Statistics of Vivace-latency

```
Start at: 2018-02-13 15:16:56
End at: 2018-02-13 15:17:26
Local clock offset: 0.342 ms
Remote clock offset: -5.764 ms

# Below is generated by plot.py at 2018-02-14 01:33:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 416.53 Mbit/s
95th percentile per-packet one-way delay: 1.355 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 294.69 Mbit/s
95th percentile per-packet one-way delay: 1.459 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 133.93 Mbit/s
95th percentile per-packet one-way delay: 1.249 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 100.02 Mbit/s
95th percentile per-packet one-way delay: 1.284 ms
Loss rate: 0.48%
```

Run 4: Report of Vivace-latency — Data Link

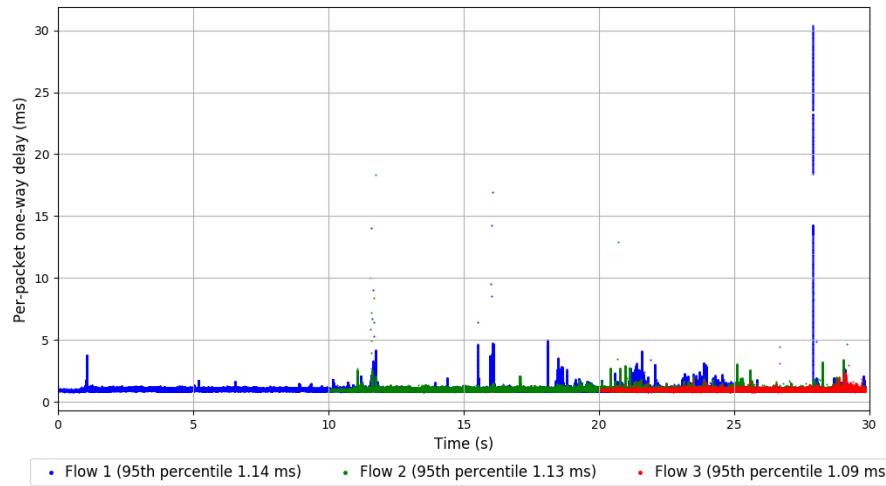
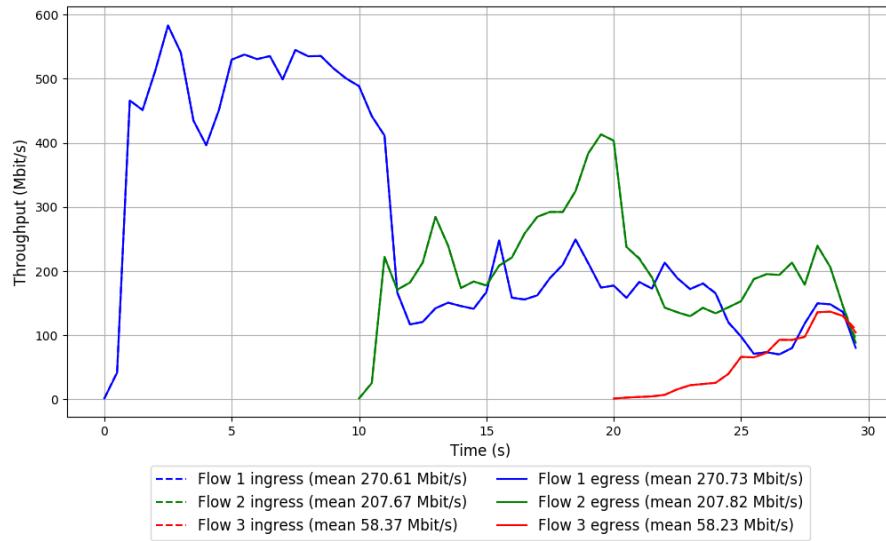


Run 5: Statistics of Vivace-latency

```
Start at: 2018-02-13 15:45:59
End at: 2018-02-13 15:46:29
Local clock offset: -0.086 ms
Remote clock offset: -6.905 ms

# Below is generated by plot.py at 2018-02-14 01:34:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 427.87 Mbit/s
95th percentile per-packet one-way delay: 1.132 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 270.73 Mbit/s
95th percentile per-packet one-way delay: 1.139 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 207.82 Mbit/s
95th percentile per-packet one-way delay: 1.128 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 58.23 Mbit/s
95th percentile per-packet one-way delay: 1.091 ms
Loss rate: 0.44%
```

Run 5: Report of Vivace-latency — Data Link

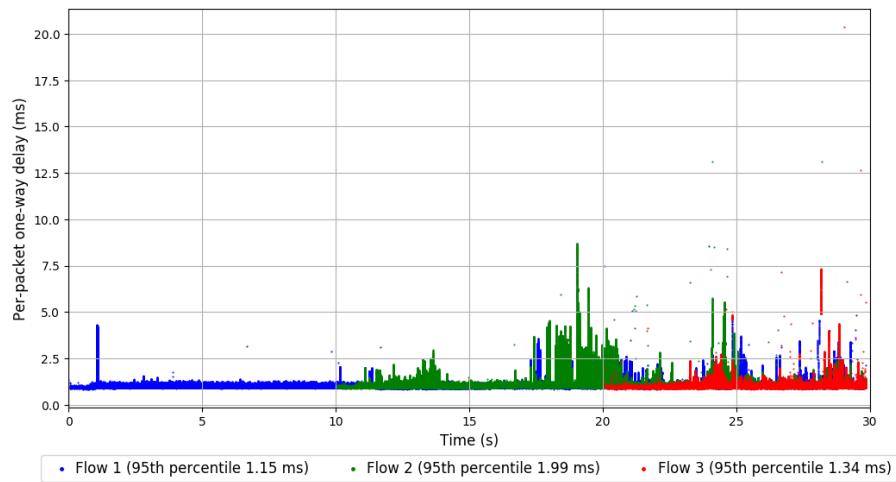
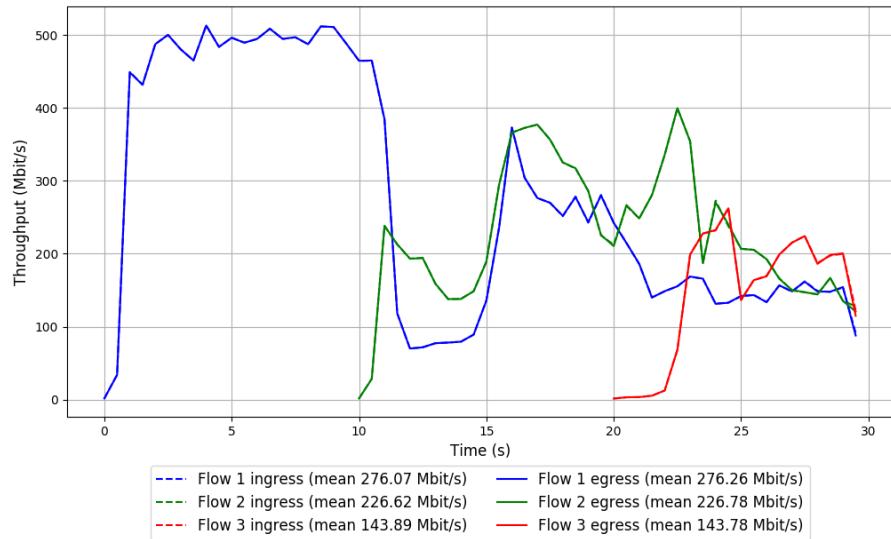


Run 6: Statistics of Vivace-latency

```
Start at: 2018-02-13 16:15:05
End at: 2018-02-13 16:15:35
Local clock offset: -0.401 ms
Remote clock offset: -6.966 ms

# Below is generated by plot.py at 2018-02-14 01:35:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 474.20 Mbit/s
95th percentile per-packet one-way delay: 1.401 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 276.26 Mbit/s
95th percentile per-packet one-way delay: 1.154 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 226.78 Mbit/s
95th percentile per-packet one-way delay: 1.988 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 143.78 Mbit/s
95th percentile per-packet one-way delay: 1.338 ms
Loss rate: 0.26%
```

Run 6: Report of Vivace-latency — Data Link

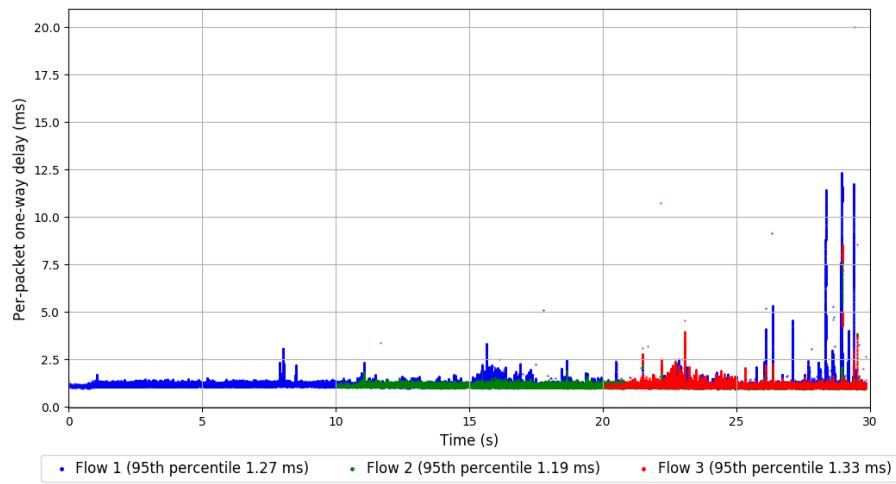
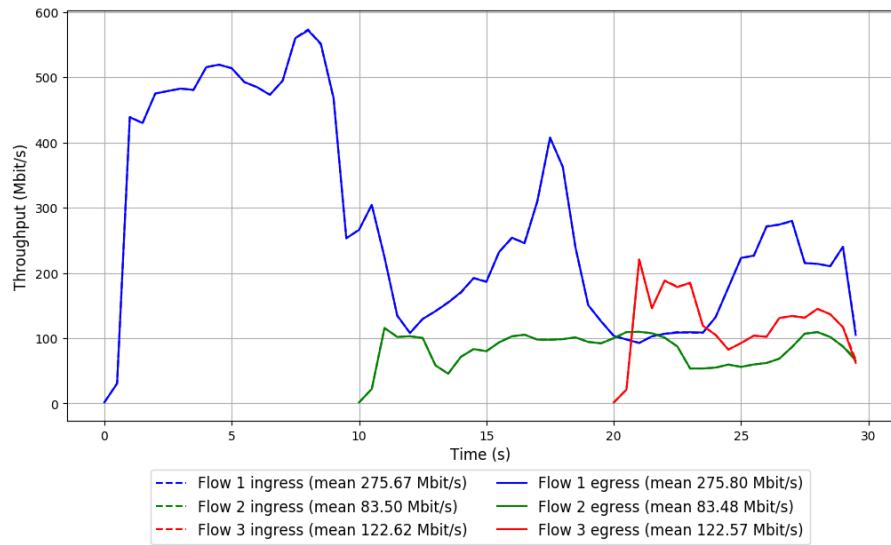


Run 7: Statistics of Vivace-latency

```
Start at: 2018-02-13 16:44:09
End at: 2018-02-13 16:44:39
Local clock offset: -0.548 ms
Remote clock offset: -5.646 ms

# Below is generated by plot.py at 2018-02-14 01:36:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 371.47 Mbit/s
95th percentile per-packet one-way delay: 1.263 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 275.80 Mbit/s
95th percentile per-packet one-way delay: 1.271 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 83.48 Mbit/s
95th percentile per-packet one-way delay: 1.194 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 122.57 Mbit/s
95th percentile per-packet one-way delay: 1.329 ms
Loss rate: 0.23%
```

Run 7: Report of Vivace-latency — Data Link

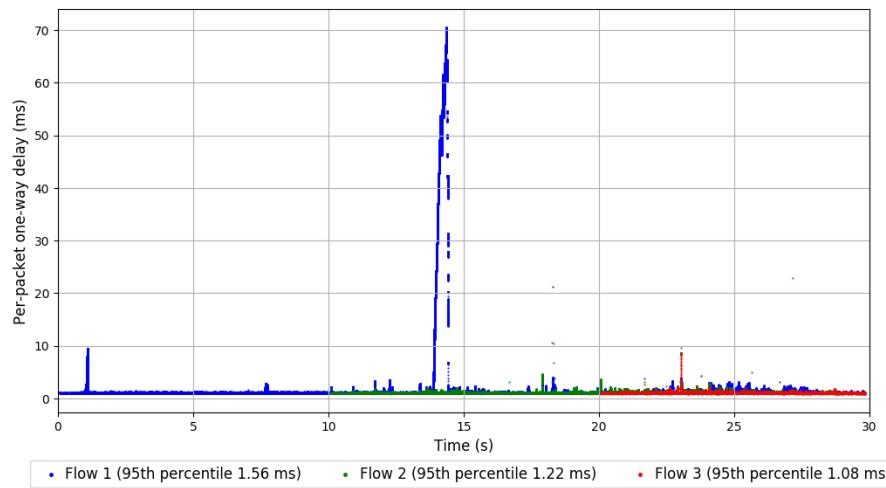
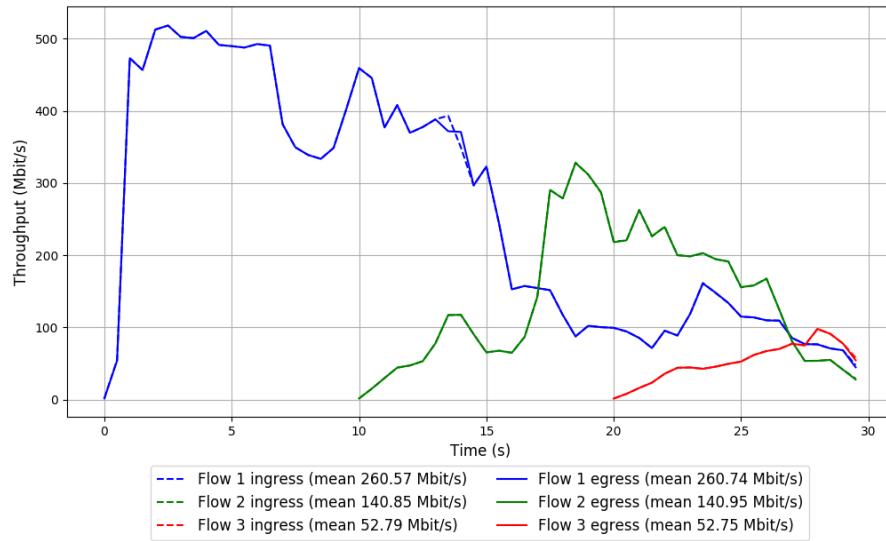


Run 8: Statistics of Vivace-latency

```
Start at: 2018-02-13 17:13:01
End at: 2018-02-13 17:13:31
Local clock offset: 2.818 ms
Remote clock offset: -4.619 ms

# Below is generated by plot.py at 2018-02-14 01:37:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 371.65 Mbit/s
95th percentile per-packet one-way delay: 1.346 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 260.74 Mbit/s
95th percentile per-packet one-way delay: 1.556 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 140.95 Mbit/s
95th percentile per-packet one-way delay: 1.217 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 52.75 Mbit/s
95th percentile per-packet one-way delay: 1.083 ms
Loss rate: 0.34%
```

Run 8: Report of Vivace-latency — Data Link

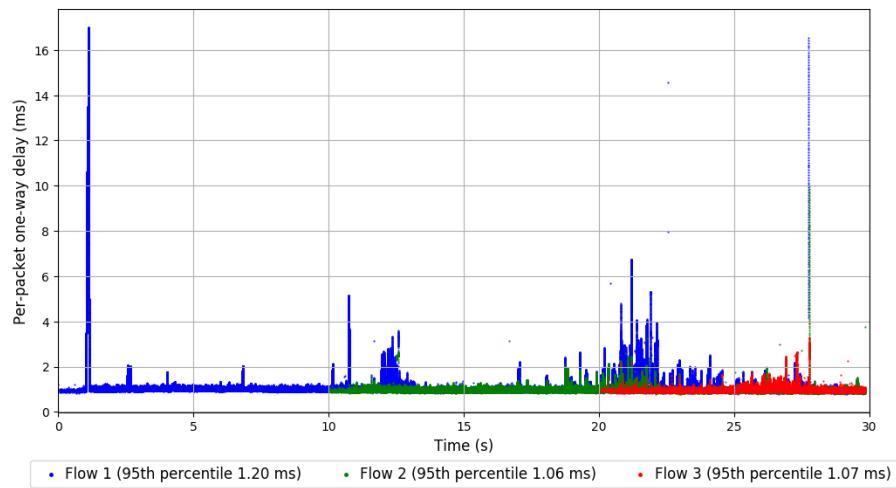
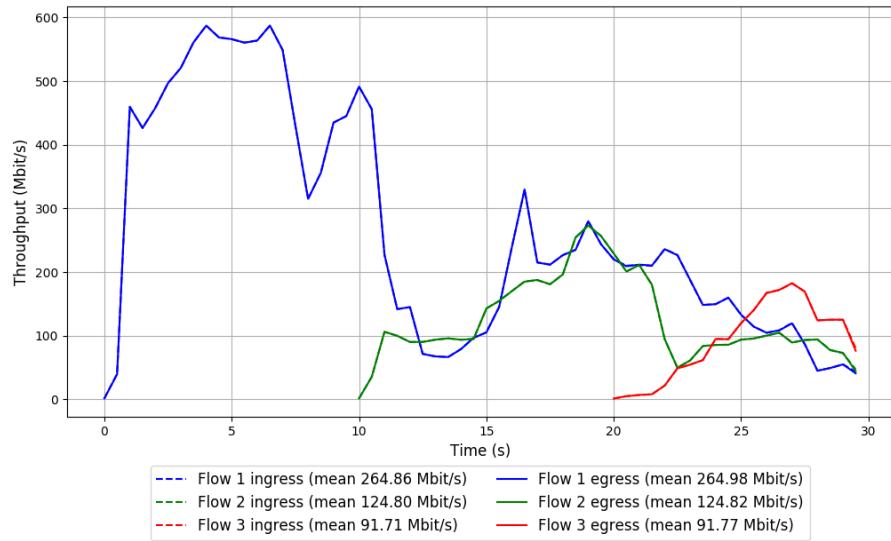


Run 9: Statistics of Vivace-latency

```
Start at: 2018-02-13 17:42:05
End at: 2018-02-13 17:42:35
Local clock offset: 3.804 ms
Remote clock offset: -4.662 ms

# Below is generated by plot.py at 2018-02-14 01:38:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 378.06 Mbit/s
95th percentile per-packet one-way delay: 1.147 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 264.98 Mbit/s
95th percentile per-packet one-way delay: 1.198 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 124.82 Mbit/s
95th percentile per-packet one-way delay: 1.061 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 91.77 Mbit/s
95th percentile per-packet one-way delay: 1.073 ms
Loss rate: 0.24%
```

Run 9: Report of Vivace-latency — Data Link

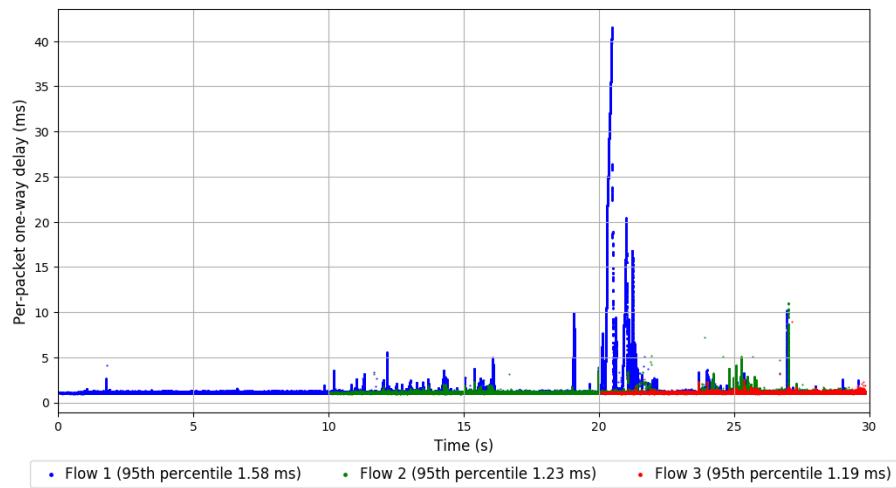
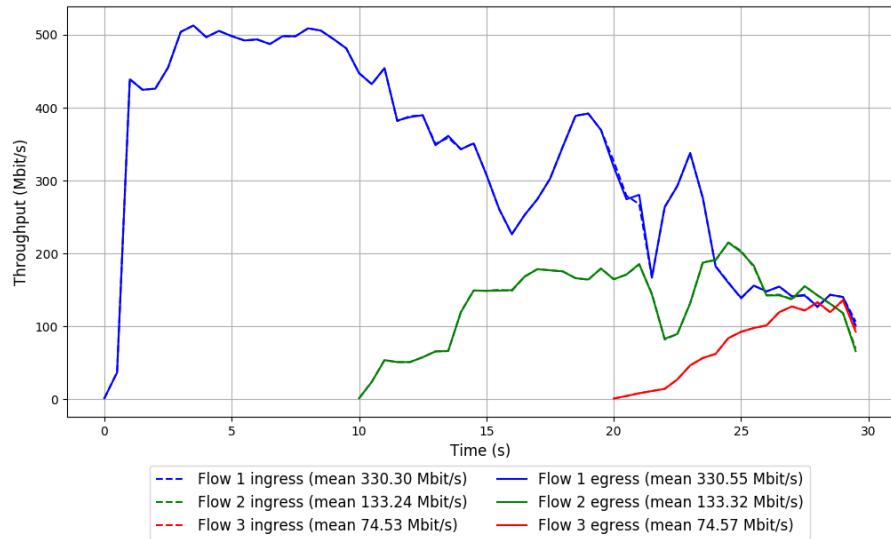


Run 10: Statistics of Vivace-latency

```
Start at: 2018-02-13 18:11:15
End at: 2018-02-13 18:11:45
Local clock offset: -0.298 ms
Remote clock offset: -5.268 ms

# Below is generated by plot.py at 2018-02-14 01:38:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 443.59 Mbit/s
95th percentile per-packet one-way delay: 1.383 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 330.55 Mbit/s
95th percentile per-packet one-way delay: 1.580 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 133.32 Mbit/s
95th percentile per-packet one-way delay: 1.227 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 74.57 Mbit/s
95th percentile per-packet one-way delay: 1.187 ms
Loss rate: 0.26%
```

Run 10: Report of Vivace-latency — Data Link

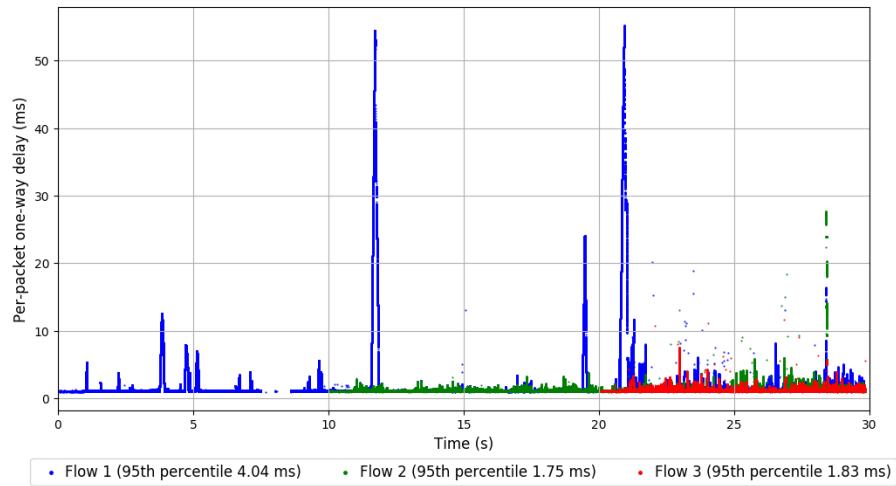
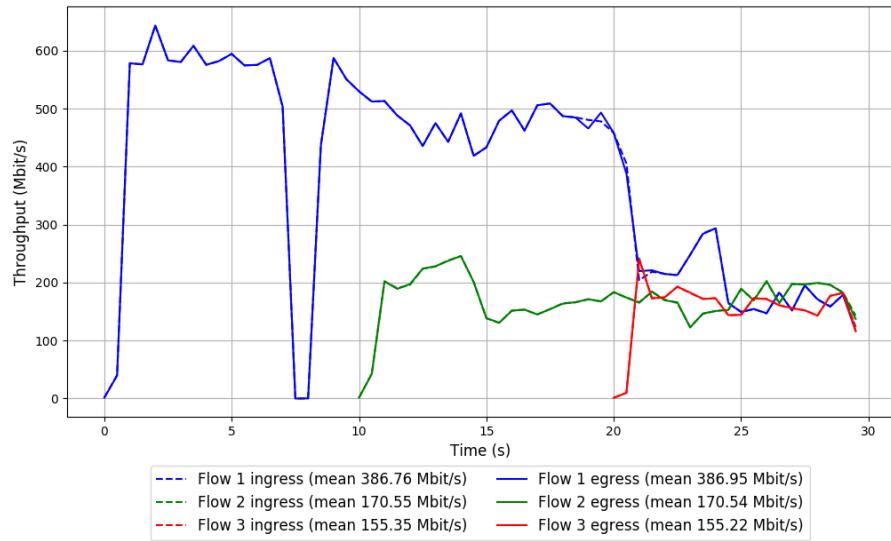


```
Run 1: Statistics of Vivace-loss
```

```
Start at: 2018-02-13 13:51:16
End at: 2018-02-13 13:51:46
Local clock offset: 0.001 ms
Remote clock offset: -6.192 ms

# Below is generated by plot.py at 2018-02-14 01:41:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 551.09 Mbit/s
95th percentile per-packet one-way delay: 2.737 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 386.95 Mbit/s
95th percentile per-packet one-way delay: 4.036 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 170.54 Mbit/s
95th percentile per-packet one-way delay: 1.754 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 155.22 Mbit/s
95th percentile per-packet one-way delay: 1.832 ms
Loss rate: 0.22%
```

Run 1: Report of Vivace-loss — Data Link

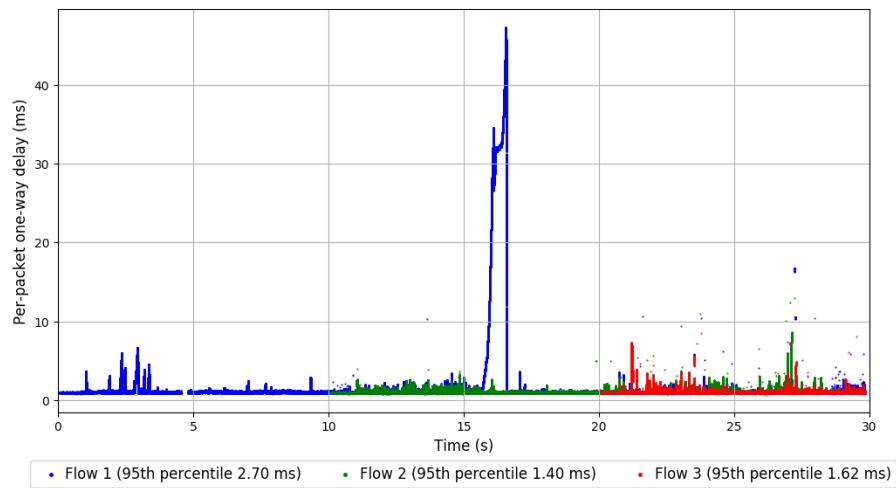
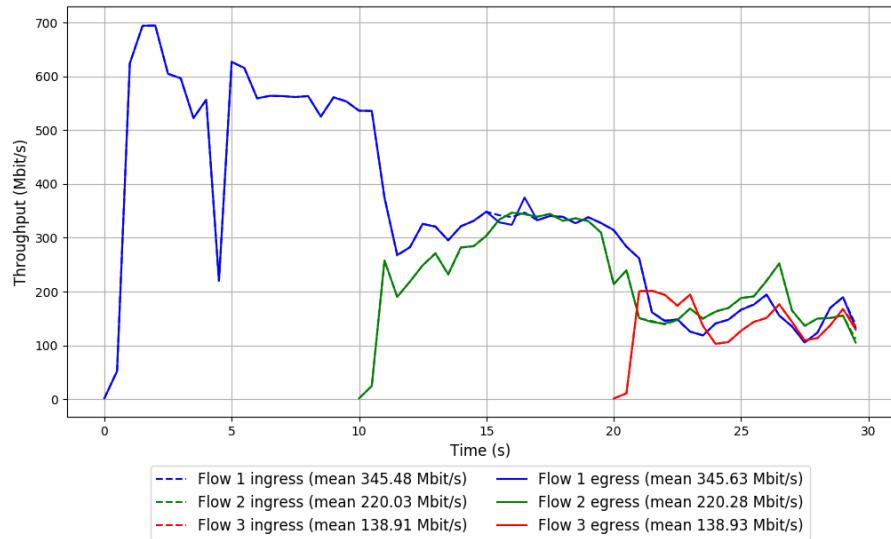


Run 2: Statistics of Vivace-loss

```
Start at: 2018-02-13 14:20:17
End at: 2018-02-13 14:20:47
Local clock offset: 0.137 ms
Remote clock offset: -5.386 ms

# Below is generated by plot.py at 2018-02-14 01:41:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 537.49 Mbit/s
95th percentile per-packet one-way delay: 1.986 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 345.63 Mbit/s
95th percentile per-packet one-way delay: 2.704 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 220.28 Mbit/s
95th percentile per-packet one-way delay: 1.404 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 138.93 Mbit/s
95th percentile per-packet one-way delay: 1.616 ms
Loss rate: 0.25%
```

Run 2: Report of Vivace-loss — Data Link

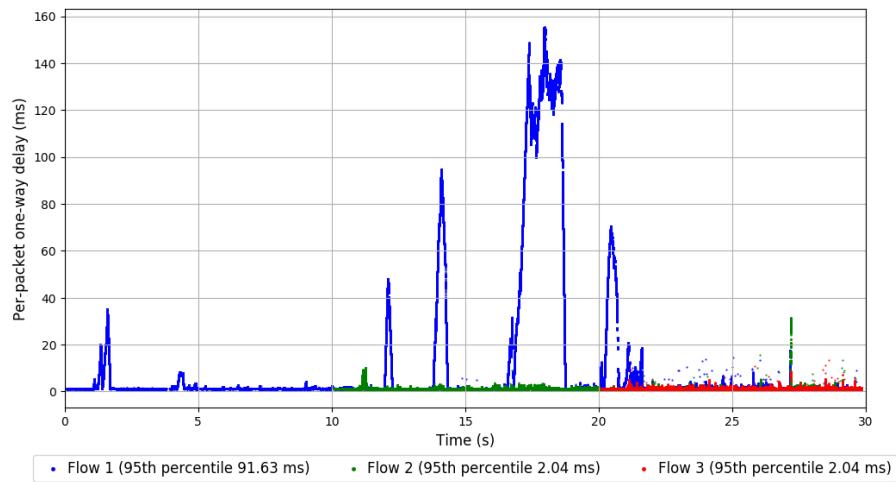
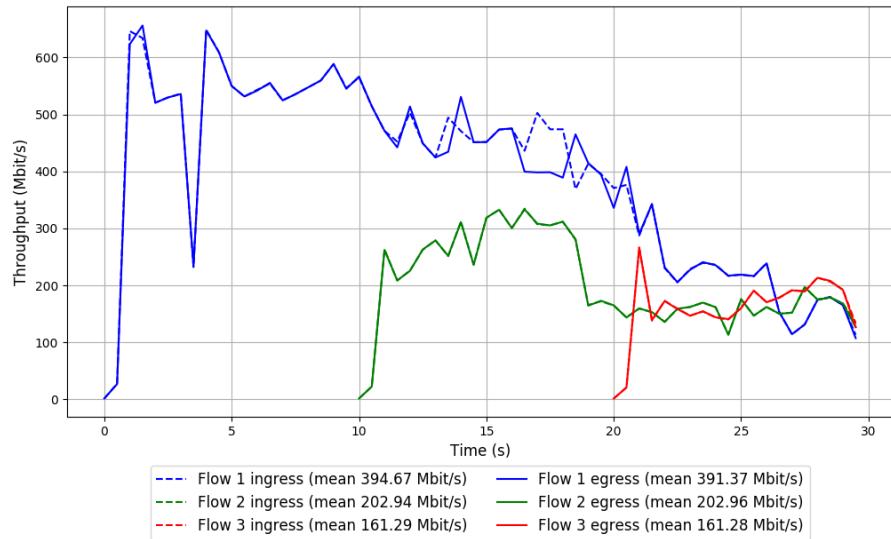


Run 3: Statistics of Vivace-loss

```
Start at: 2018-02-13 14:49:26
End at: 2018-02-13 14:49:56
Local clock offset: 0.427 ms
Remote clock offset: -4.861 ms

# Below is generated by plot.py at 2018-02-14 01:43:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 579.21 Mbit/s
95th percentile per-packet one-way delay: 54.979 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 391.37 Mbit/s
95th percentile per-packet one-way delay: 91.633 ms
Loss rate: 0.90%
-- Flow 2:
Average throughput: 202.96 Mbit/s
95th percentile per-packet one-way delay: 2.035 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 161.28 Mbit/s
95th percentile per-packet one-way delay: 2.038 ms
Loss rate: 0.20%
```

Run 3: Report of Vivace-loss — Data Link

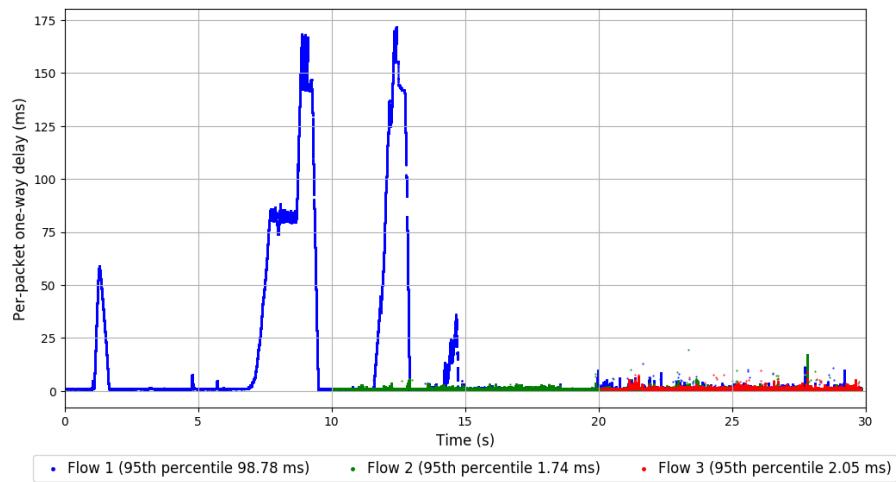
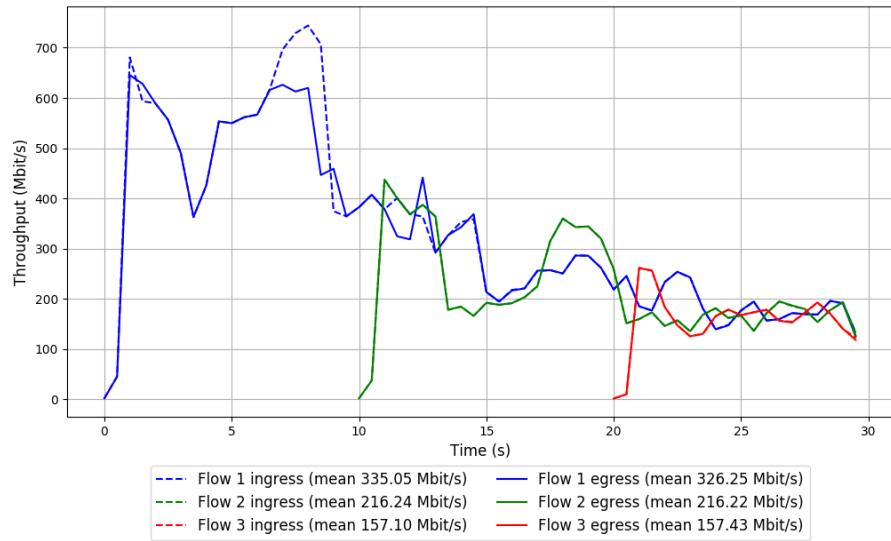


Run 4: Statistics of Vivace-loss

```
Start at: 2018-02-13 15:18:37
End at: 2018-02-13 15:19:07
Local clock offset: 0.22 ms
Remote clock offset: -5.829 ms

# Below is generated by plot.py at 2018-02-14 01:43:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 521.49 Mbit/s
95th percentile per-packet one-way delay: 82.674 ms
Loss rate: 1.76%
-- Flow 1:
Average throughput: 326.25 Mbit/s
95th percentile per-packet one-way delay: 98.785 ms
Loss rate: 2.73%
-- Flow 2:
Average throughput: 216.22 Mbit/s
95th percentile per-packet one-way delay: 1.741 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 157.43 Mbit/s
95th percentile per-packet one-way delay: 2.046 ms
Loss rate: 0.15%
```

Run 4: Report of Vivace-loss — Data Link

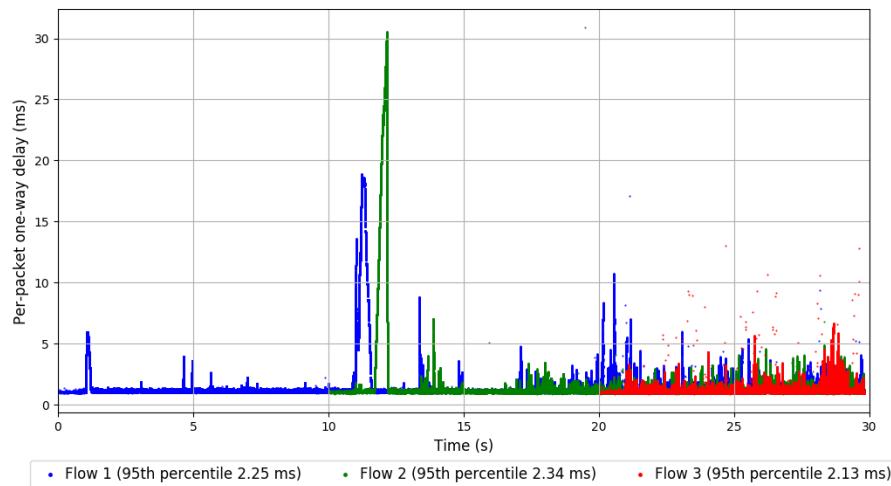
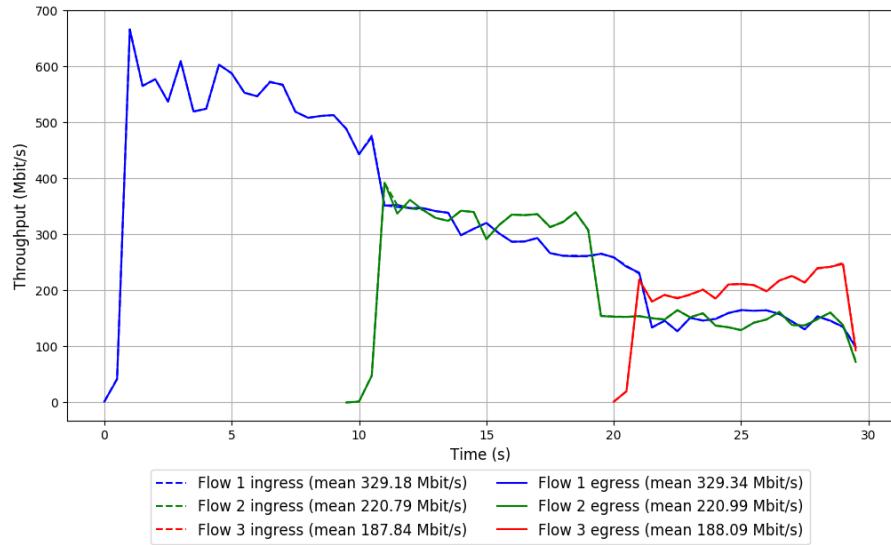


Run 5: Statistics of Vivace-loss

```
Start at: 2018-02-13 15:47:40
End at: 2018-02-13 15:48:10
Local clock offset: -0.113 ms
Remote clock offset: -7.014 ms

# Below is generated by plot.py at 2018-02-14 01:44:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 538.14 Mbit/s
95th percentile per-packet one-way delay: 2.234 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 329.34 Mbit/s
95th percentile per-packet one-way delay: 2.249 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 220.99 Mbit/s
95th percentile per-packet one-way delay: 2.338 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 188.09 Mbit/s
95th percentile per-packet one-way delay: 2.130 ms
Loss rate: 0.16%
```

Run 5: Report of Vivace-loss — Data Link

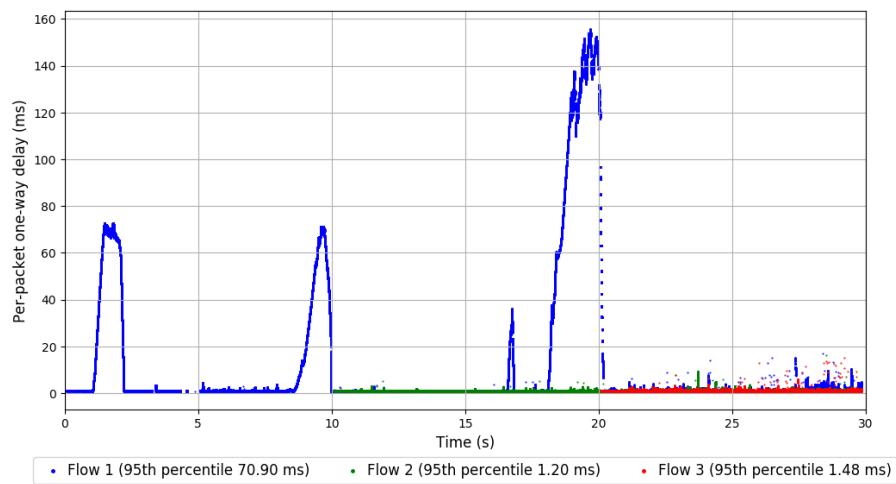
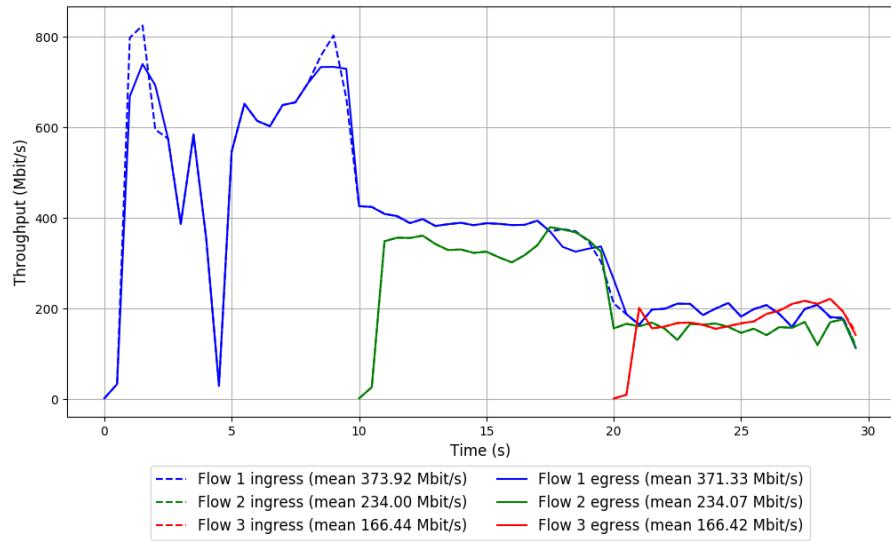


Run 6: Statistics of Vivace-loss

```
Start at: 2018-02-13 16:16:49
End at: 2018-02-13 16:17:19
Local clock offset: -0.387 ms
Remote clock offset: -6.901 ms

# Below is generated by plot.py at 2018-02-14 01:45:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 581.43 Mbit/s
95th percentile per-packet one-way delay: 67.895 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 371.33 Mbit/s
95th percentile per-packet one-way delay: 70.903 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 234.07 Mbit/s
95th percentile per-packet one-way delay: 1.198 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 166.42 Mbit/s
95th percentile per-packet one-way delay: 1.475 ms
Loss rate: 0.22%
```

Run 6: Report of Vivace-loss — Data Link

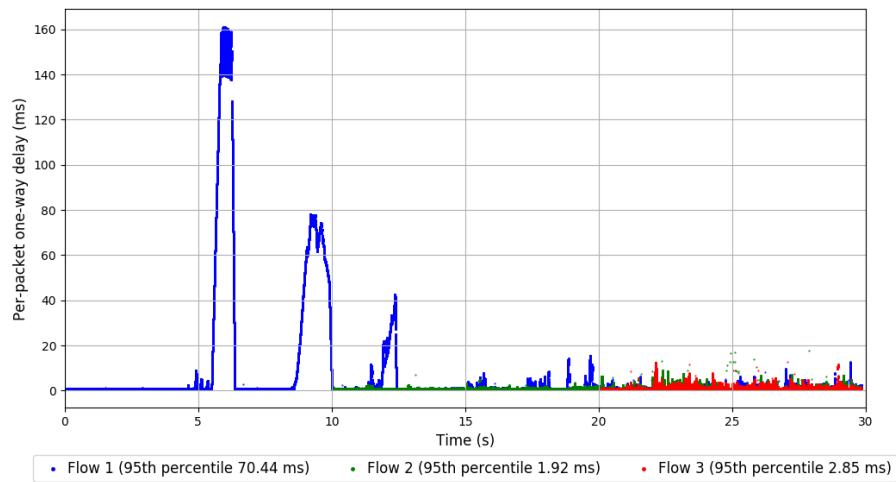
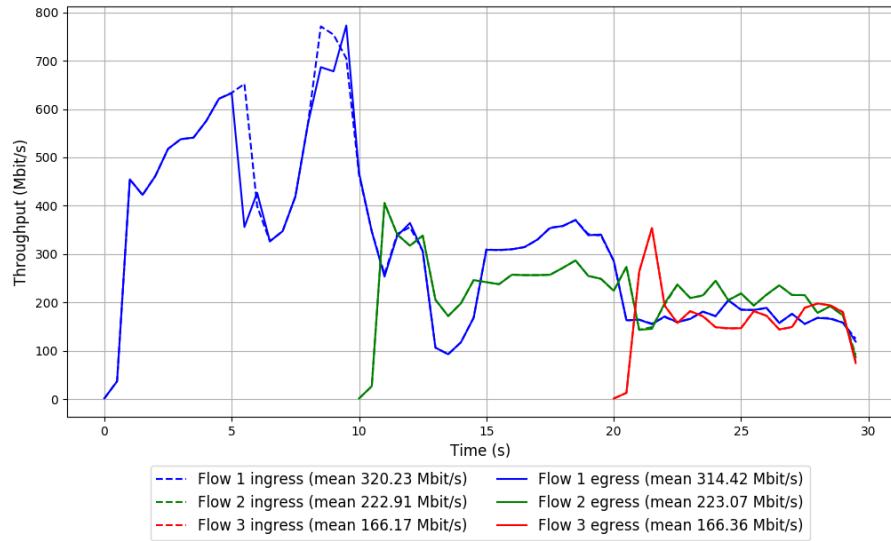


Run 7: Statistics of Vivace-loss

```
Start at: 2018-02-13 16:45:47
End at: 2018-02-13 16:46:17
Local clock offset: -0.365 ms
Remote clock offset: -5.439 ms

# Below is generated by plot.py at 2018-02-14 01:46:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 517.22 Mbit/s
95th percentile per-packet one-way delay: 57.401 ms
Loss rate: 1.20%
-- Flow 1:
Average throughput: 314.42 Mbit/s
95th percentile per-packet one-way delay: 70.435 ms
Loss rate: 1.91%
-- Flow 2:
Average throughput: 223.07 Mbit/s
95th percentile per-packet one-way delay: 1.917 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 166.36 Mbit/s
95th percentile per-packet one-way delay: 2.852 ms
Loss rate: 0.13%
```

Run 7: Report of Vivace-loss — Data Link

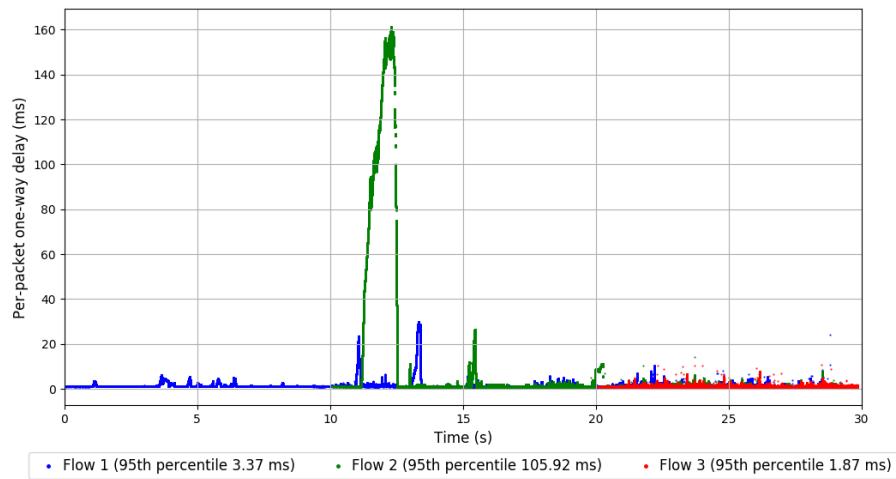
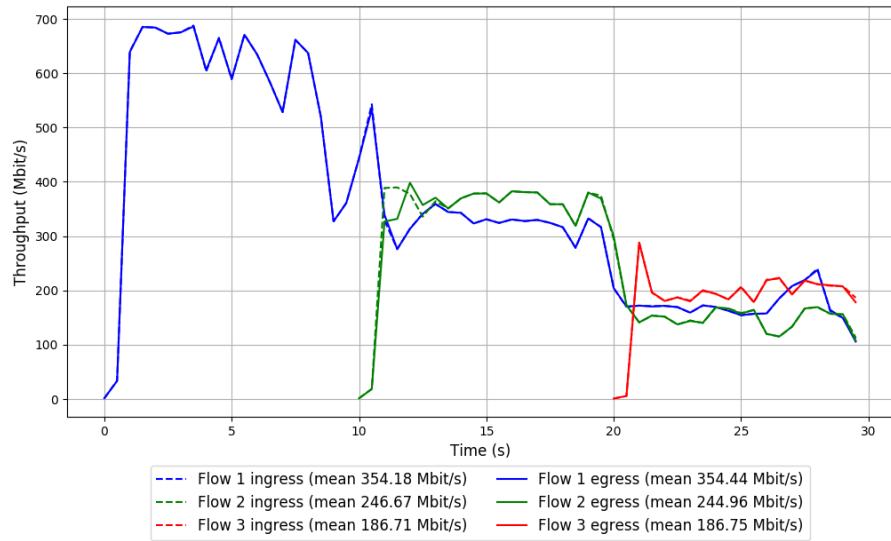


Run 8: Statistics of Vivace-loss

```
Start at: 2018-02-13 17:14:39
End at: 2018-02-13 17:15:09
Local clock offset: 2.806 ms
Remote clock offset: -4.742 ms

# Below is generated by plot.py at 2018-02-14 01:47:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 578.31 Mbit/s
95th percentile per-packet one-way delay: 5.814 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 354.44 Mbit/s
95th percentile per-packet one-way delay: 3.373 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 244.96 Mbit/s
95th percentile per-packet one-way delay: 105.915 ms
Loss rate: 0.79%
-- Flow 3:
Average throughput: 186.75 Mbit/s
95th percentile per-packet one-way delay: 1.870 ms
Loss rate: 0.25%
```

Run 8: Report of Vivace-loss — Data Link

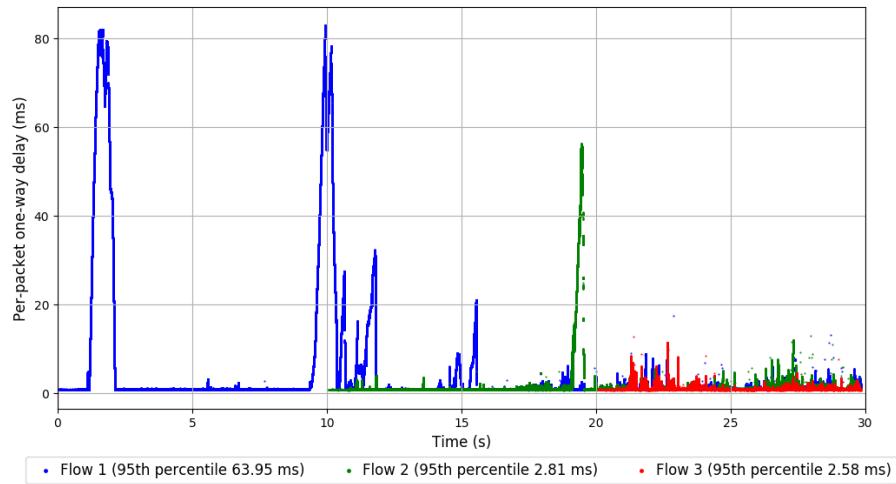
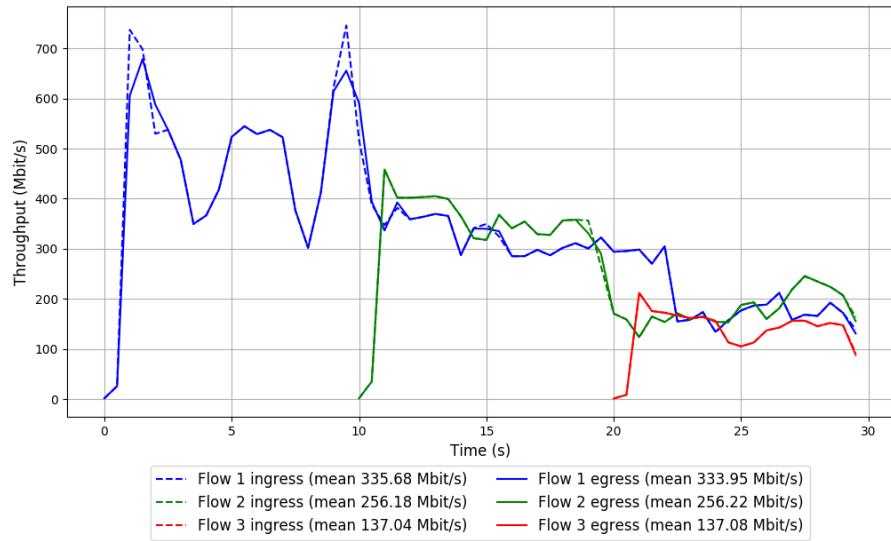


Run 9: Statistics of Vivace-loss

```
Start at: 2018-02-13 17:43:43
End at: 2018-02-13 17:44:13
Local clock offset: 3.879 ms
Remote clock offset: -4.713 ms

# Below is generated by plot.py at 2018-02-14 01:49:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 548.80 Mbit/s
95th percentile per-packet one-way delay: 43.497 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 333.95 Mbit/s
95th percentile per-packet one-way delay: 63.946 ms
Loss rate: 0.59%
-- Flow 2:
Average throughput: 256.22 Mbit/s
95th percentile per-packet one-way delay: 2.806 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 137.08 Mbit/s
95th percentile per-packet one-way delay: 2.583 ms
Loss rate: 0.19%
```

Run 9: Report of Vivace-loss — Data Link

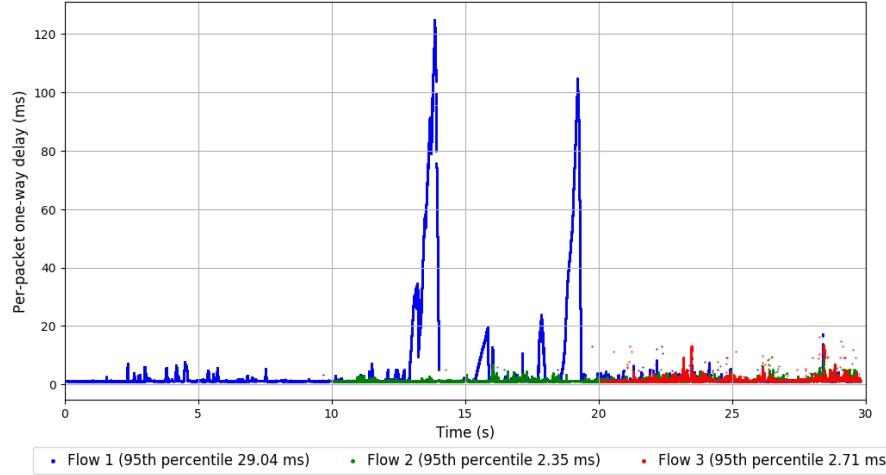
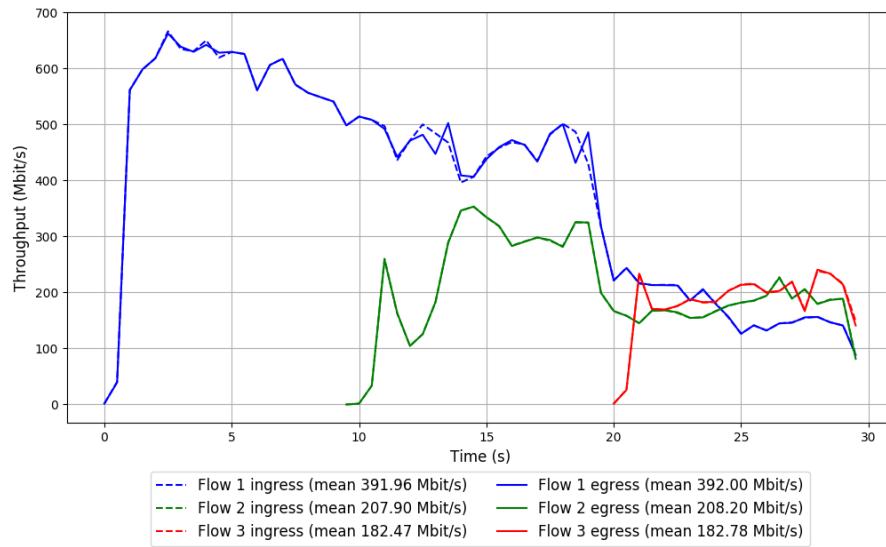


Run 10: Statistics of Vivace-loss

```
Start at: 2018-02-13 18:12:57
End at: 2018-02-13 18:13:27
Local clock offset: -0.357 ms
Remote clock offset: -5.26 ms

# Below is generated by plot.py at 2018-02-14 01:50:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 590.44 Mbit/s
95th percentile per-packet one-way delay: 14.651 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 392.00 Mbit/s
95th percentile per-packet one-way delay: 29.043 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 208.20 Mbit/s
95th percentile per-packet one-way delay: 2.351 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 182.78 Mbit/s
95th percentile per-packet one-way delay: 2.709 ms
Loss rate: 0.26%
```

Run 10: Report of Vivace-loss — Data Link

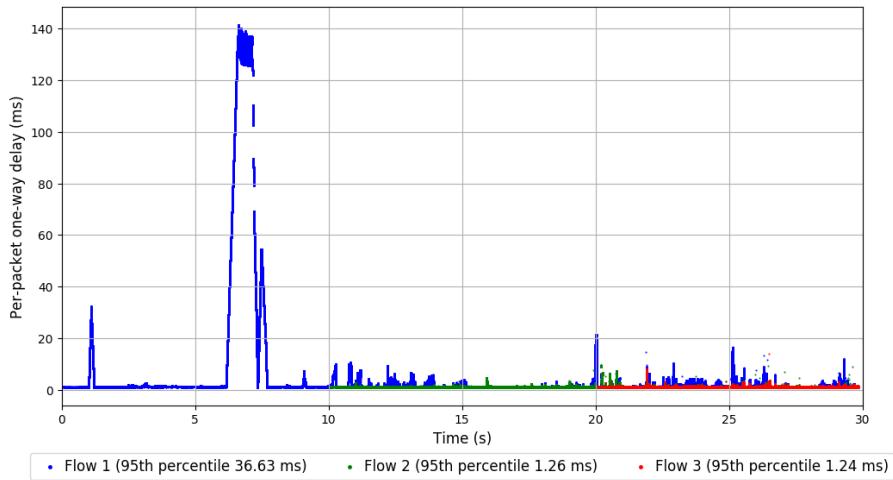
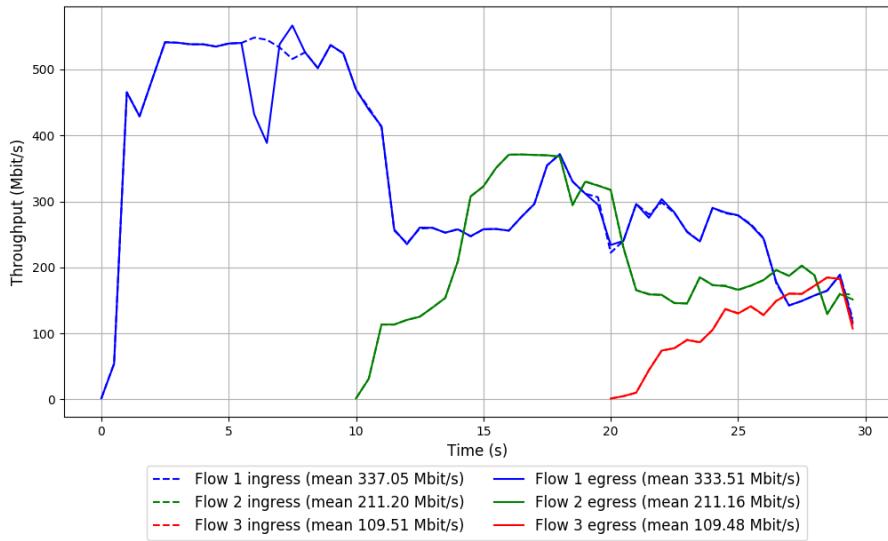


Run 1: Statistics of Vivace-LTE

```
Start at: 2018-02-13 13:40:23
End at: 2018-02-13 13:40:53
Local clock offset: -0.03 ms
Remote clock offset: -6.786 ms

# Below is generated by plot.py at 2018-02-14 01:50:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 509.71 Mbit/s
95th percentile per-packet one-way delay: 11.116 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 333.51 Mbit/s
95th percentile per-packet one-way delay: 36.628 ms
Loss rate: 1.11%
-- Flow 2:
Average throughput: 211.16 Mbit/s
95th percentile per-packet one-way delay: 1.258 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 109.48 Mbit/s
95th percentile per-packet one-way delay: 1.236 ms
Loss rate: 0.28%
```

Run 1: Report of Vivace-LTE — Data Link

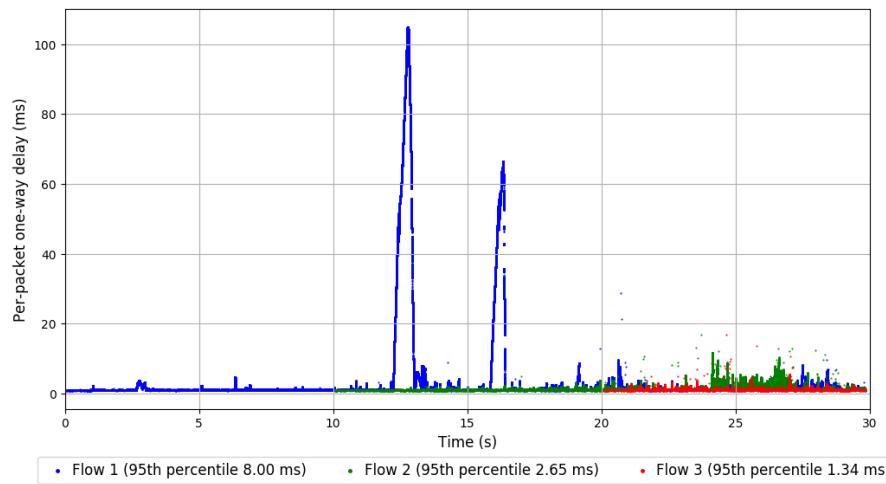
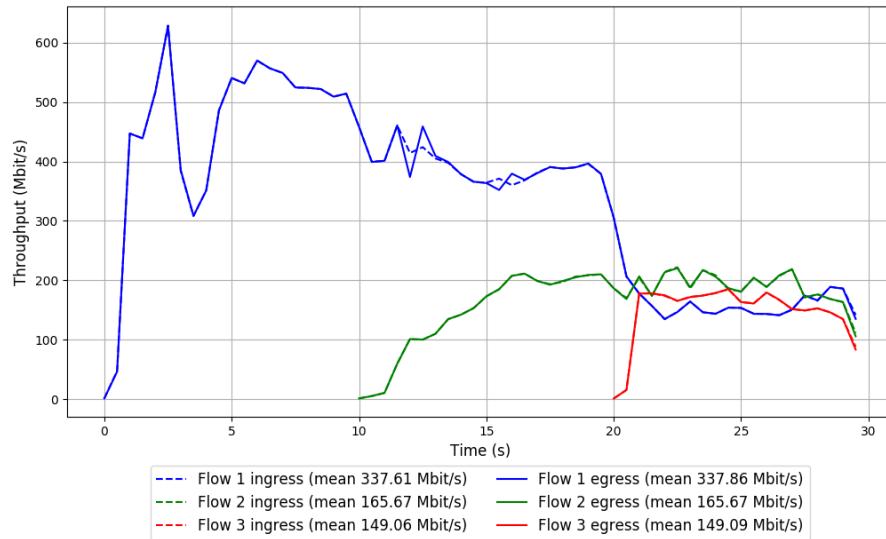


Run 2: Statistics of Vivace-LTE

```
Start at: 2018-02-13 14:09:30
End at: 2018-02-13 14:10:00
Local clock offset: 0.053 ms
Remote clock offset: -5.62 ms

# Below is generated by plot.py at 2018-02-14 01:50:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 496.73 Mbit/s
95th percentile per-packet one-way delay: 4.070 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 337.86 Mbit/s
95th percentile per-packet one-way delay: 7.999 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 165.67 Mbit/s
95th percentile per-packet one-way delay: 2.648 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 149.09 Mbit/s
95th percentile per-packet one-way delay: 1.338 ms
Loss rate: 0.16%
```

Run 2: Report of Vivace-LTE — Data Link

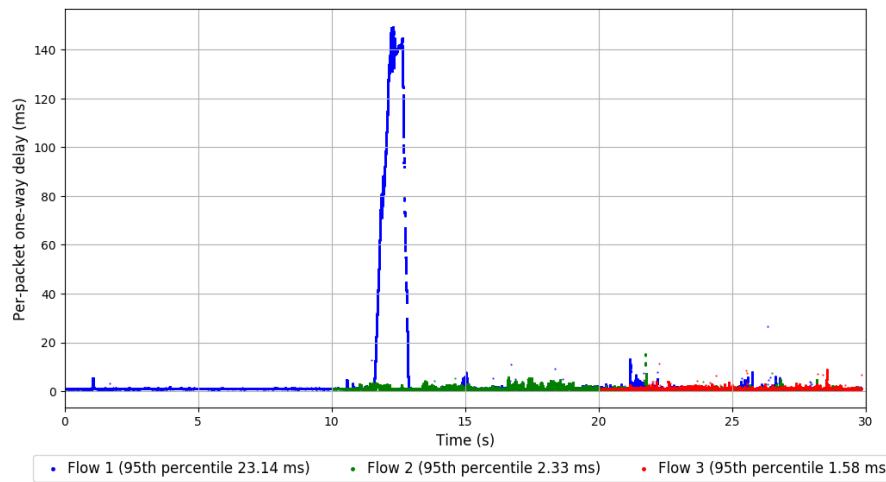
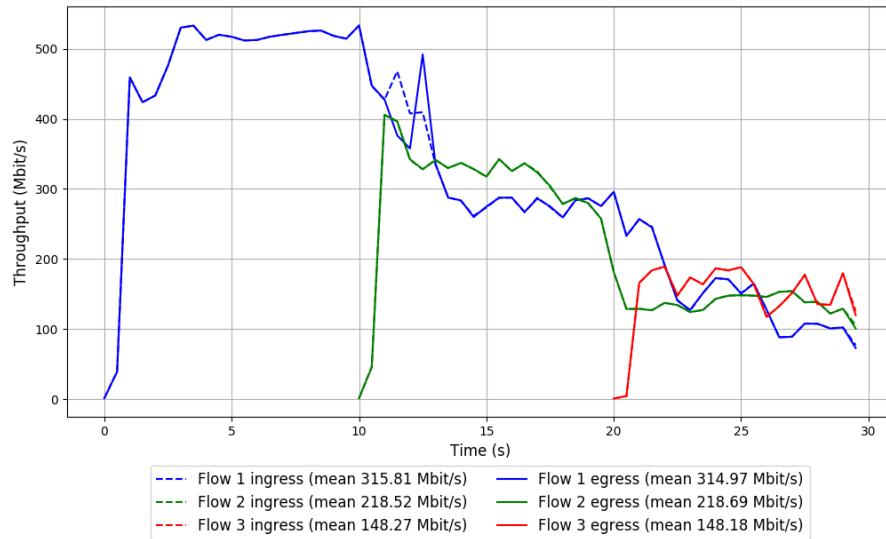


Run 3: Statistics of Vivace-LTE

```
Start at: 2018-02-13 14:38:30
End at: 2018-02-13 14:39:00
Local clock offset: 0.272 ms
Remote clock offset: -4.995 ms

# Below is generated by plot.py at 2018-02-14 01:52:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 508.81 Mbit/s
95th percentile per-packet one-way delay: 2.764 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 314.97 Mbit/s
95th percentile per-packet one-way delay: 23.144 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 218.69 Mbit/s
95th percentile per-packet one-way delay: 2.334 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 148.18 Mbit/s
95th percentile per-packet one-way delay: 1.579 ms
Loss rate: 0.20%
```

Run 3: Report of Vivace-LTE — Data Link

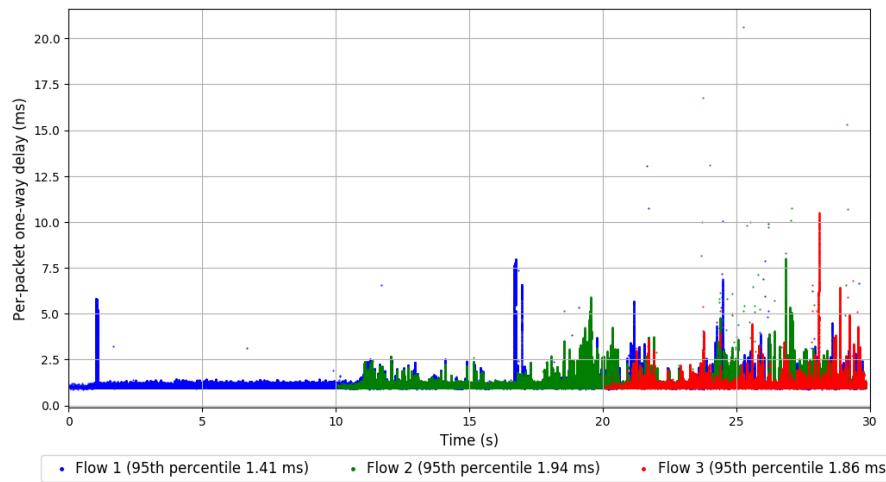
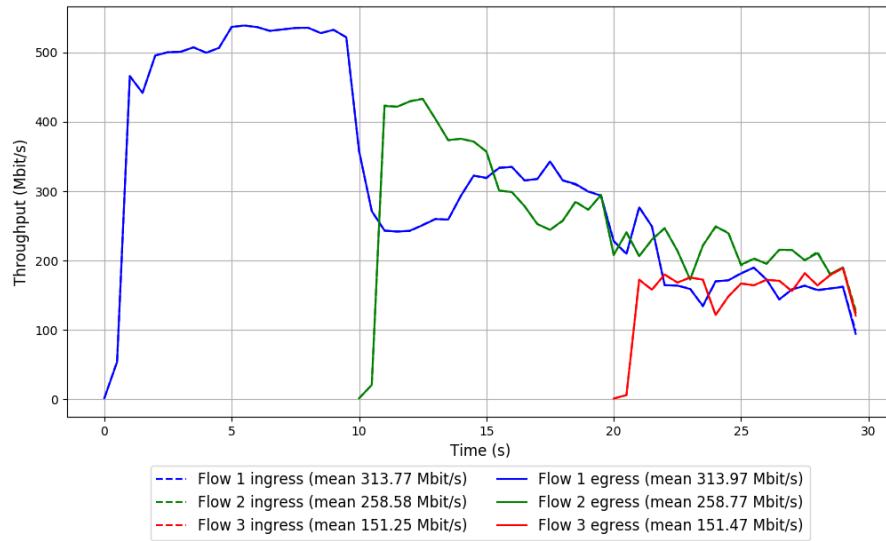


Run 4: Statistics of Vivace-LTE

```
Start at: 2018-02-13 15:07:40
End at: 2018-02-13 15:08:10
Local clock offset: 0.333 ms
Remote clock offset: -5.744 ms

# Below is generated by plot.py at 2018-02-14 01:53:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 535.43 Mbit/s
95th percentile per-packet one-way delay: 1.661 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 313.97 Mbit/s
95th percentile per-packet one-way delay: 1.413 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 258.77 Mbit/s
95th percentile per-packet one-way delay: 1.942 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 151.47 Mbit/s
95th percentile per-packet one-way delay: 1.857 ms
Loss rate: 0.14%
```

Run 4: Report of Vivace-LTE — Data Link

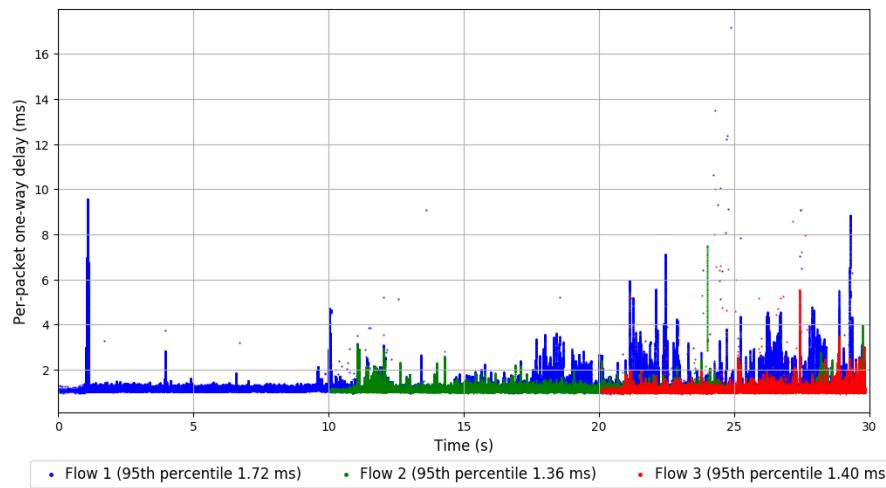
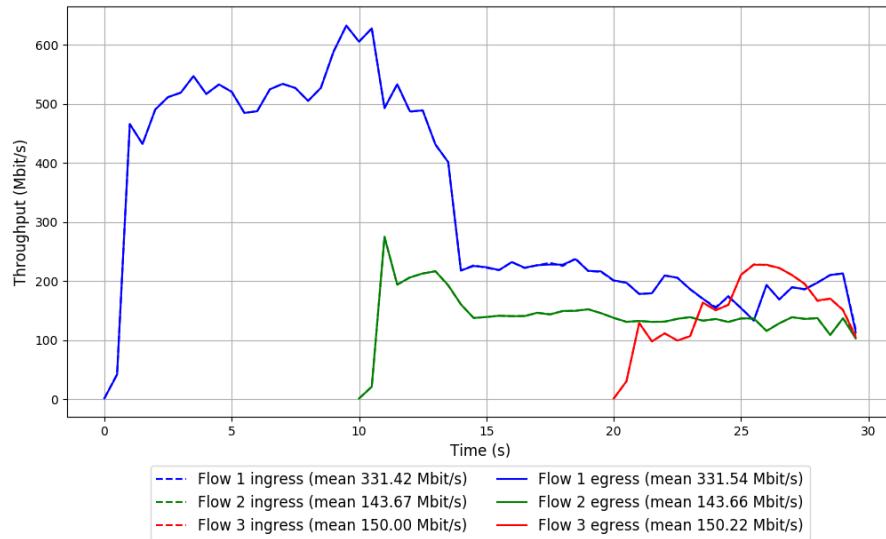


Run 5: Statistics of Vivace-LTE

```
Start at: 2018-02-13 15:36:46
End at: 2018-02-13 15:37:16
Local clock offset: 0.25 ms
Remote clock offset: -6.666 ms

# Below is generated by plot.py at 2018-02-14 01:53:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 476.25 Mbit/s
95th percentile per-packet one-way delay: 1.598 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 331.54 Mbit/s
95th percentile per-packet one-way delay: 1.720 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 143.66 Mbit/s
95th percentile per-packet one-way delay: 1.363 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 150.22 Mbit/s
95th percentile per-packet one-way delay: 1.402 ms
Loss rate: 0.09%
```

Run 5: Report of Vivace-LTE — Data Link

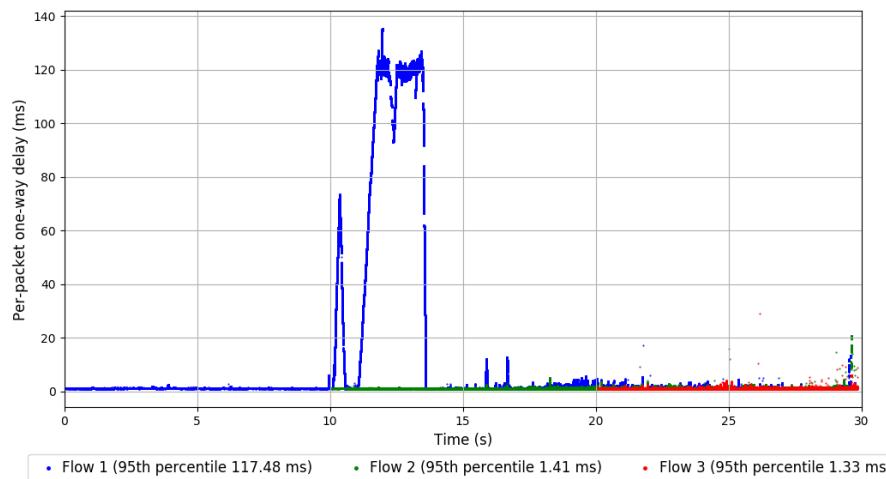
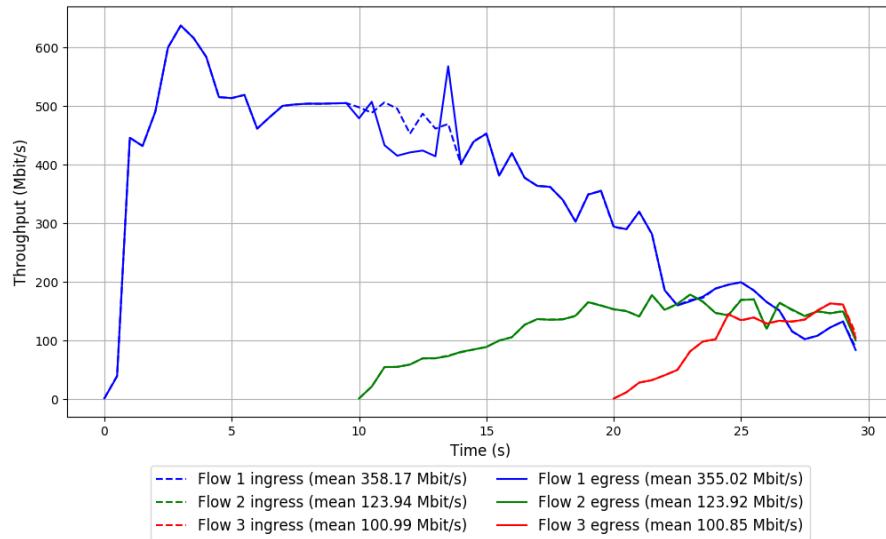


Run 6: Statistics of Vivace-LTE

```
Start at: 2018-02-13 16:05:53
End at: 2018-02-13 16:06:23
Local clock offset: -0.228 ms
Remote clock offset: -6.957 ms

# Below is generated by plot.py at 2018-02-14 01:54:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 470.35 Mbit/s
95th percentile per-packet one-way delay: 107.090 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 355.02 Mbit/s
95th percentile per-packet one-way delay: 117.478 ms
Loss rate: 0.94%
-- Flow 2:
Average throughput: 123.92 Mbit/s
95th percentile per-packet one-way delay: 1.408 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 100.85 Mbit/s
95th percentile per-packet one-way delay: 1.334 ms
Loss rate: 0.38%
```

Run 6: Report of Vivace-LTE — Data Link

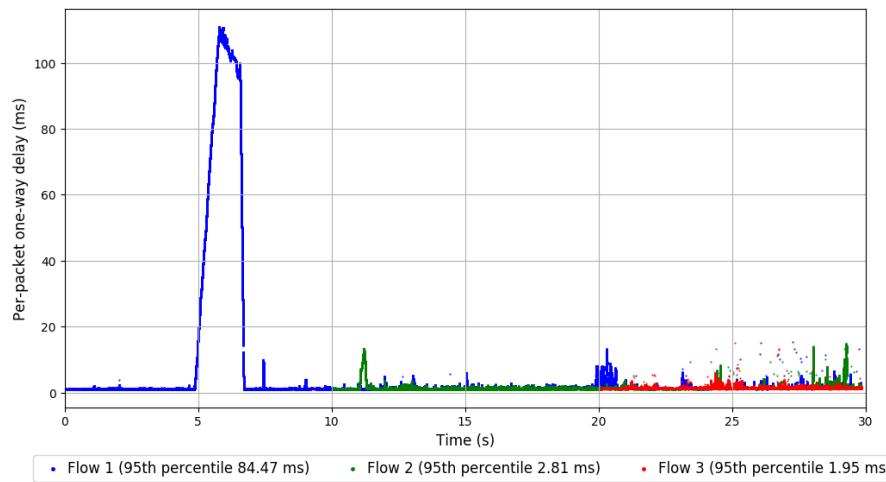
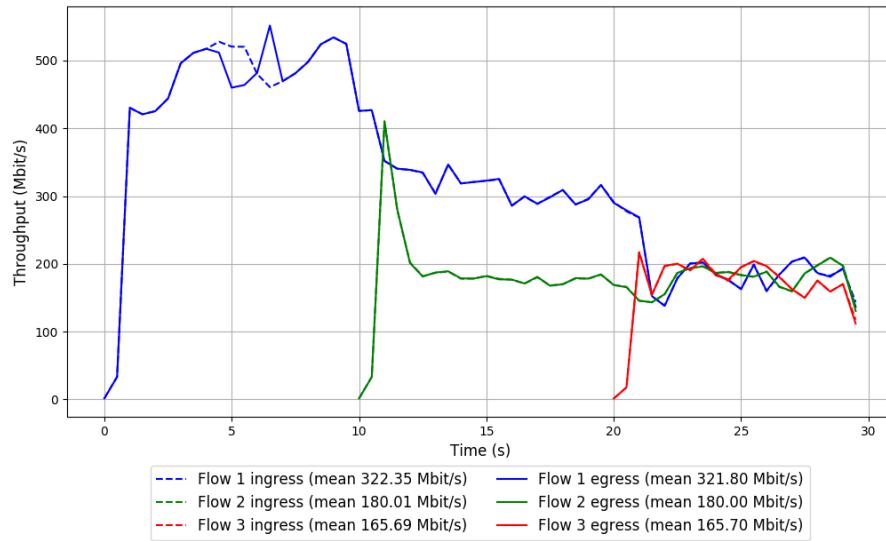


Run 7: Statistics of Vivace-LTE

```
Start at: 2018-02-13 16:34:57
End at: 2018-02-13 16:35:27
Local clock offset: -0.462 ms
Remote clock offset: -6.858 ms

# Below is generated by plot.py at 2018-02-14 01:55:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 495.83 Mbit/s
95th percentile per-packet one-way delay: 33.297 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 321.80 Mbit/s
95th percentile per-packet one-way delay: 84.474 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 180.00 Mbit/s
95th percentile per-packet one-way delay: 2.815 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 165.70 Mbit/s
95th percentile per-packet one-way delay: 1.946 ms
Loss rate: 0.19%
```

Run 7: Report of Vivace-LTE — Data Link

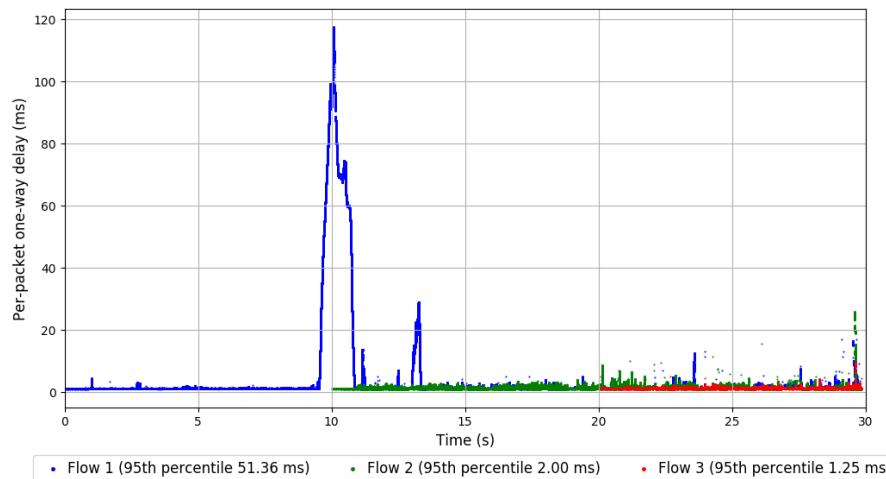
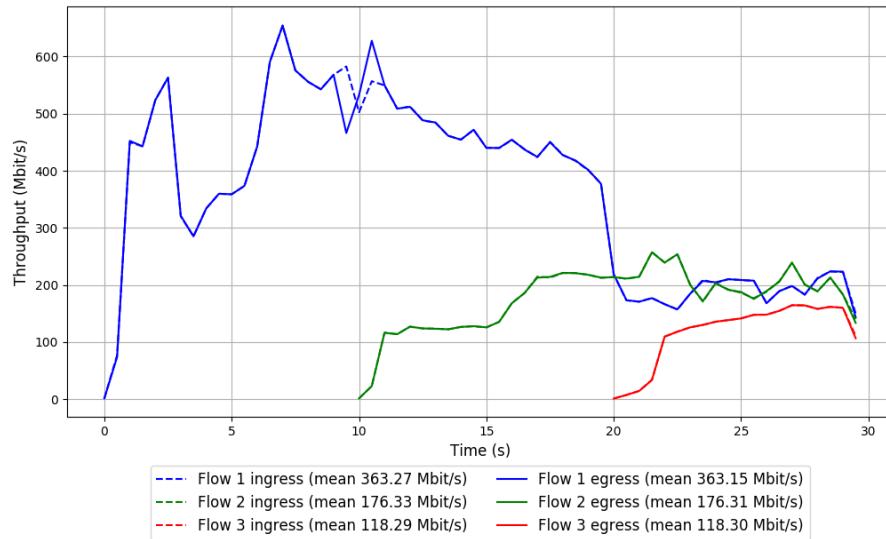


Run 8: Statistics of Vivace-LTE

```
Start at: 2018-02-13 17:03:48
End at: 2018-02-13 17:04:18
Local clock offset: 2.29 ms
Remote clock offset: -4.25 ms

# Below is generated by plot.py at 2018-02-14 01:55:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 519.20 Mbit/s
95th percentile per-packet one-way delay: 13.011 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 363.15 Mbit/s
95th percentile per-packet one-way delay: 51.357 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 176.31 Mbit/s
95th percentile per-packet one-way delay: 1.998 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 118.30 Mbit/s
95th percentile per-packet one-way delay: 1.248 ms
Loss rate: 0.20%
```

Run 8: Report of Vivace-LTE — Data Link

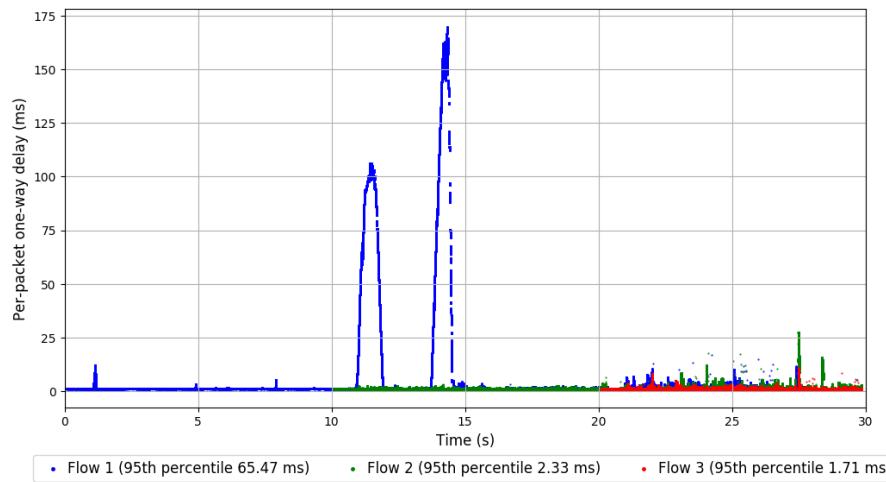
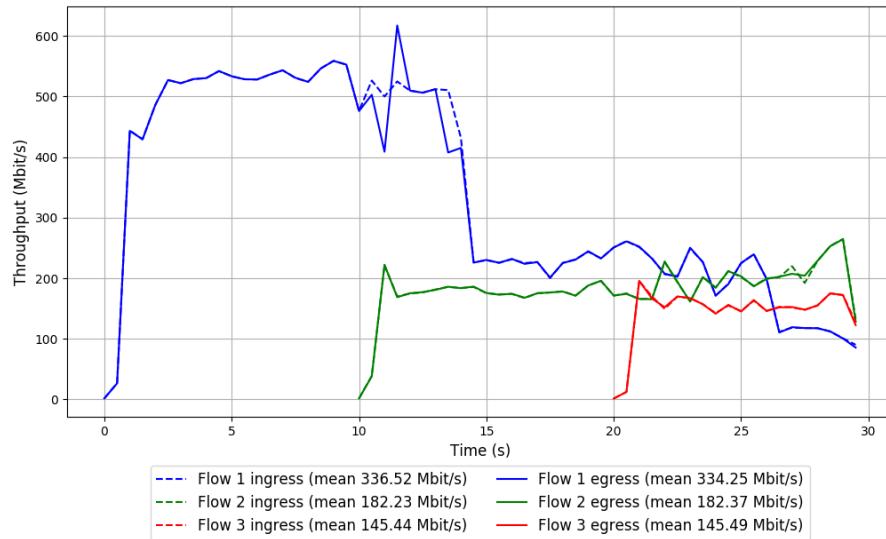


Run 9: Statistics of Vivace-LTE

```
Start at: 2018-02-13 17:32:50
End at: 2018-02-13 17:33:20
Local clock offset: 3.591 ms
Remote clock offset: -4.89 ms

# Below is generated by plot.py at 2018-02-14 01:55:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 503.16 Mbit/s
95th percentile per-packet one-way delay: 12.881 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 334.25 Mbit/s
95th percentile per-packet one-way delay: 65.468 ms
Loss rate: 0.73%
-- Flow 2:
Average throughput: 182.37 Mbit/s
95th percentile per-packet one-way delay: 2.327 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 145.49 Mbit/s
95th percentile per-packet one-way delay: 1.714 ms
Loss rate: 0.18%
```

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

```
Start at: 2018-02-13 18:02:05
End at: 2018-02-13 18:02:35
Local clock offset: 1.189 ms
Remote clock offset: -5.252 ms

# Below is generated by plot.py at 2018-02-14 01:55:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 470.44 Mbit/s
95th percentile per-packet one-way delay: 2.344 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 315.15 Mbit/s
95th percentile per-packet one-way delay: 3.186 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 154.07 Mbit/s
95th percentile per-packet one-way delay: 1.898 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 161.01 Mbit/s
95th percentile per-packet one-way delay: 1.963 ms
Loss rate: 0.21%
```

Run 10: Report of Vivace-LTE — Data Link

