

Pantheon Report

Generated at 2018-07-04 14:46:14 (UTC).

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

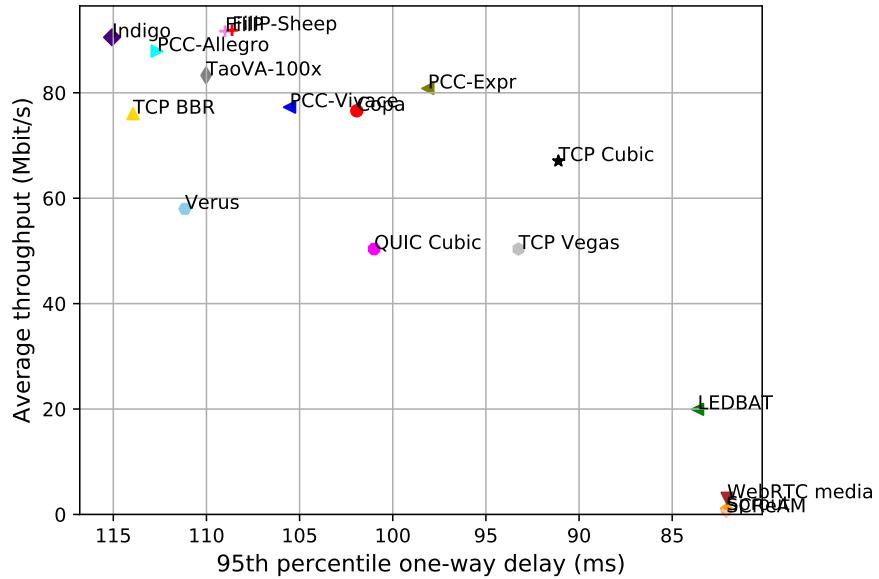
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

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

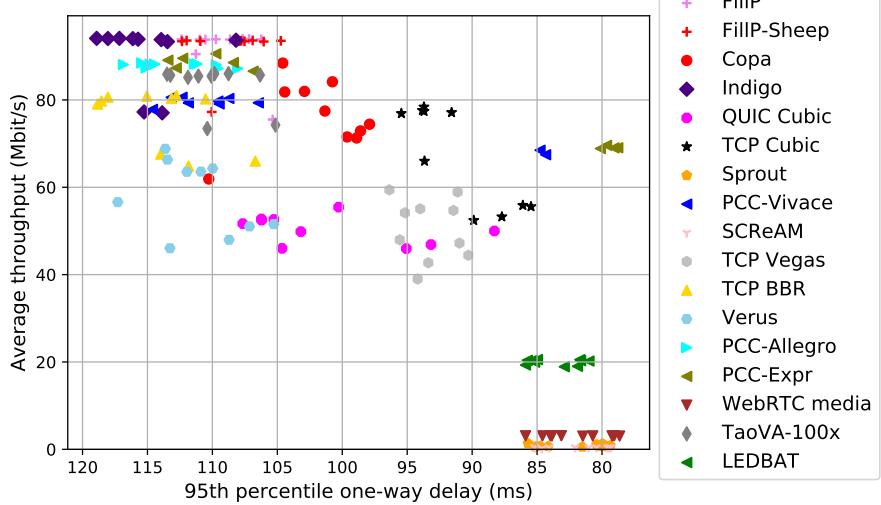
Git summary:

```
branch: master @ 9250dbeec7fb57193cdff1ba8c440b4e16ab30f0
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ 37162fe9af85249aeccac061c93e75640ef710b5
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
  M src/ScreamClient
  M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

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



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



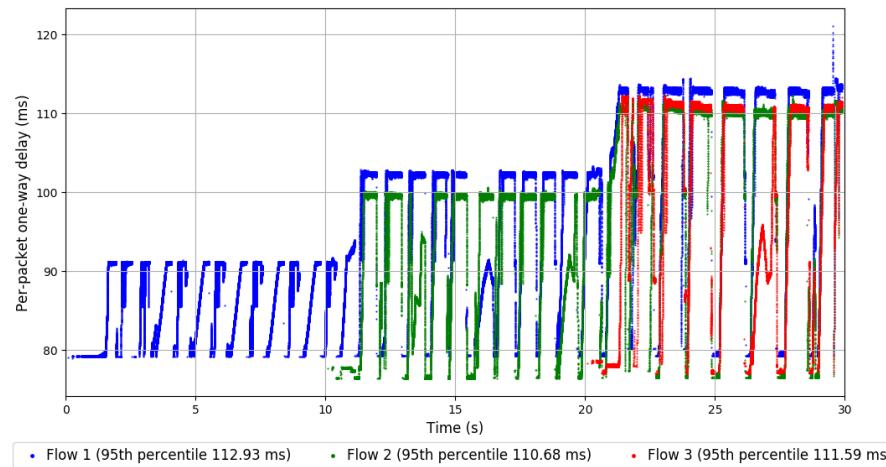
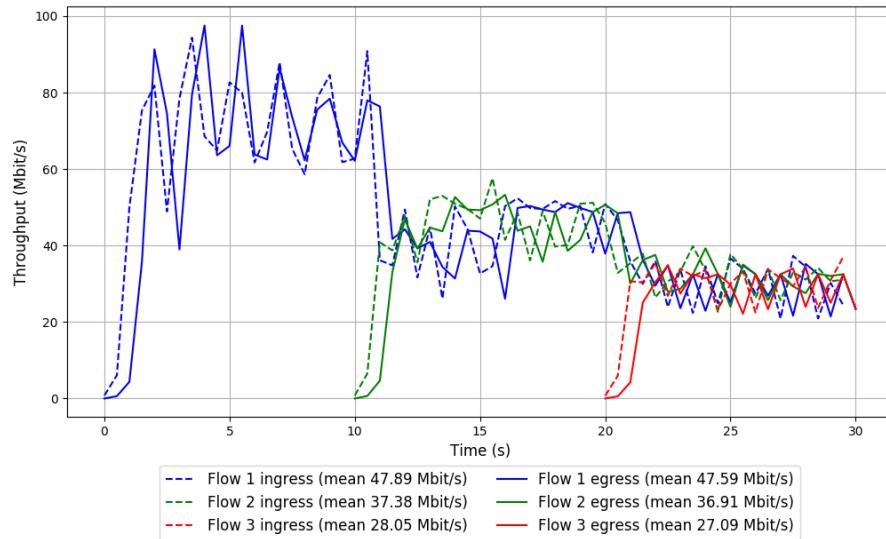
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	45.44	33.95	24.73	112.10	113.47	112.87	4.23	5.75	7.57
Copa		46.01	33.24	25.81	97.17	101.66	106.11	4.99	6.68	8.22
TCP Cubic		39.00	30.08	24.59	91.20	91.45	97.97	0.78	1.01	2.11
FillP		56.77	38.42	28.76	107.46	109.17	110.69	2.89	4.96	6.92
FillP-Sheep		56.74	38.38	29.46	107.54	108.07	109.82	3.61	6.24	7.25
Indigo		56.91	36.90	28.14	113.42	115.91	107.08	6.83	5.01	5.71
LEDBAT		12.89	8.60	4.15	83.23	83.25	83.63	1.11	1.67	3.38
PCC-Allegro		55.08	35.01	29.47	108.75	113.20	114.73	6.19	4.49	4.29
PCC-Expr		57.52	24.95	20.68	96.40	100.69	95.61	2.59	3.18	4.19
QUIC Cubic		27.83	23.70	20.83	99.09	101.87	102.61	1.49	1.88	2.36
SCReAM		0.21	0.21	0.21	81.38	81.15	81.23	0.49	0.86	1.75
Sprout		0.41	0.36	0.62	81.64	81.27	82.22	0.56	0.89	0.94
TaoVA-100x		49.80	36.95	27.23	108.70	110.66	109.59	2.55	3.74	5.59
TCP Vegas		27.61	22.73	23.30	92.32	92.70	101.62	0.67	0.95	2.19
Verus		31.43	30.51	19.29	108.73	110.73	113.78	4.42	5.32	7.10
PCC-Vivace		52.75	27.55	19.13	103.02	107.00	107.30	3.09	3.74	2.98
WebRTC media		1.75	0.97	0.37	81.43	81.36	81.82	0.31	0.68	1.96

Run 1: Statistics of TCP BBR

```
Start at: 2018-07-04 11:02:55
End at: 2018-07-04 11:03:25
Local clock offset: -2.635 ms
Remote clock offset: 16.058 ms

# Below is generated by plot.py at 2018-07-04 14:27:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 81.01 Mbit/s
95th percentile per-packet one-way delay: 112.772 ms
Loss rate: 1.87%
-- Flow 1:
Average throughput: 47.59 Mbit/s
95th percentile per-packet one-way delay: 112.930 ms
Loss rate: 1.12%
-- Flow 2:
Average throughput: 36.91 Mbit/s
95th percentile per-packet one-way delay: 110.678 ms
Loss rate: 2.12%
-- Flow 3:
Average throughput: 27.09 Mbit/s
95th percentile per-packet one-way delay: 111.591 ms
Loss rate: 5.07%
```

Run 1: Report of TCP BBR — Data Link

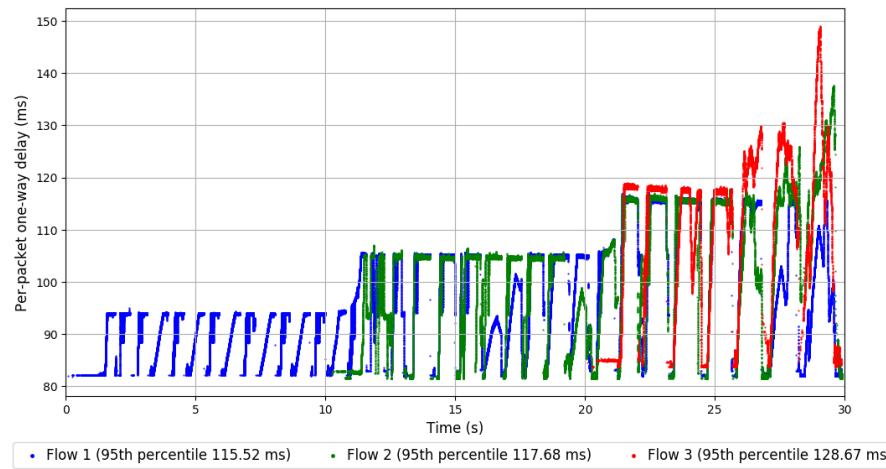
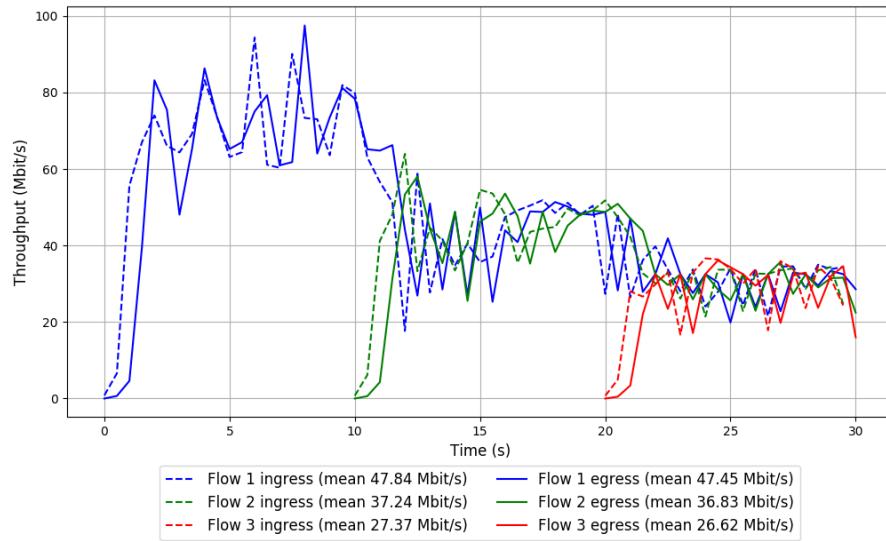


Run 2: Statistics of TCP BBR

```
Start at: 2018-07-04 11:24:07
End at: 2018-07-04 11:24:37
Local clock offset: -6.685 ms
Remote clock offset: 12.858 ms

# Below is generated by plot.py at 2018-07-04 14:27:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 80.63 Mbit/s
95th percentile per-packet one-way delay: 118.045 ms
Loss rate: 1.91%
-- Flow 1:
Average throughput: 47.45 Mbit/s
95th percentile per-packet one-way delay: 115.517 ms
Loss rate: 1.36%
-- Flow 2:
Average throughput: 36.83 Mbit/s
95th percentile per-packet one-way delay: 117.680 ms
Loss rate: 1.95%
-- Flow 3:
Average throughput: 26.62 Mbit/s
95th percentile per-packet one-way delay: 128.669 ms
Loss rate: 4.69%
```

Run 2: Report of TCP BBR — Data Link

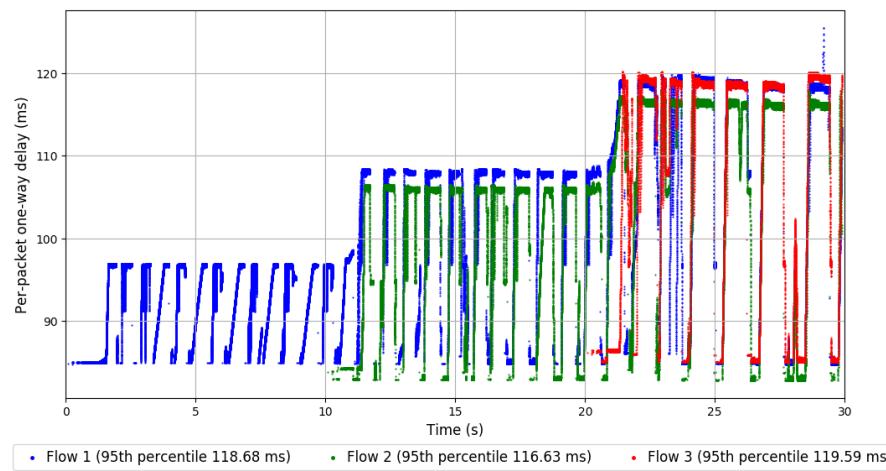
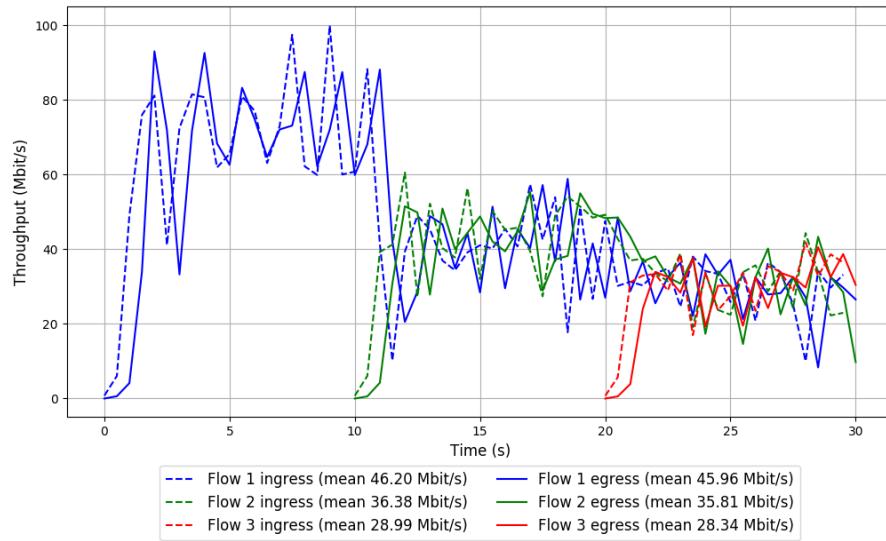


Run 3: Statistics of TCP BBR

```
Start at: 2018-07-04 11:45:32
End at: 2018-07-04 11:46:02
Local clock offset: -5.167 ms
Remote clock offset: 10.574 ms

# Below is generated by plot.py at 2018-07-04 14:27:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.05 Mbit/s
95th percentile per-packet one-way delay: 118.835 ms
Loss rate: 1.89%
-- Flow 1:
Average throughput: 45.96 Mbit/s
95th percentile per-packet one-way delay: 118.677 ms
Loss rate: 1.14%
-- Flow 2:
Average throughput: 35.81 Mbit/s
95th percentile per-packet one-way delay: 116.630 ms
Loss rate: 2.45%
-- Flow 3:
Average throughput: 28.34 Mbit/s
95th percentile per-packet one-way delay: 119.594 ms
Loss rate: 4.03%
```

Run 3: Report of TCP BBR — Data Link

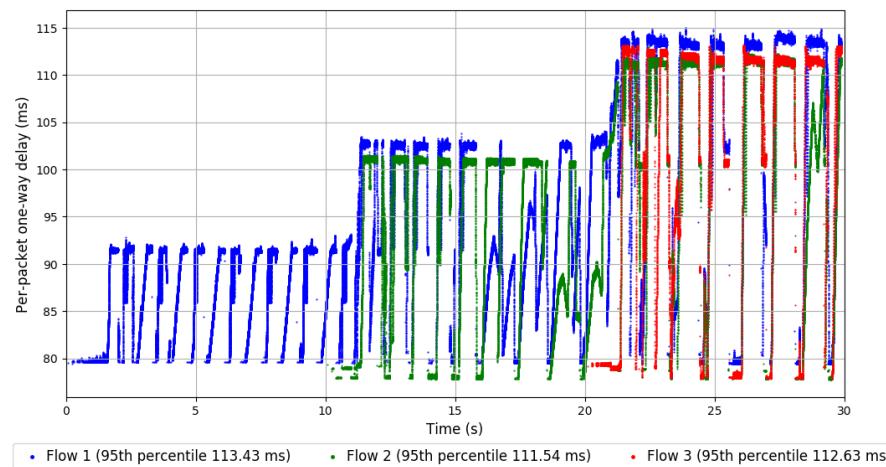
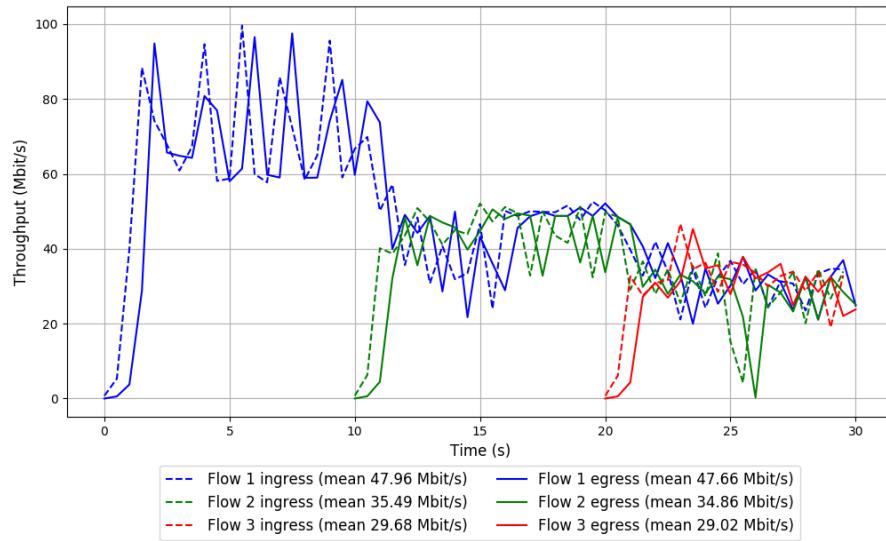


Run 4: Statistics of TCP BBR

```
Start at: 2018-07-04 12:06:52
End at: 2018-07-04 12:07:23
Local clock offset: -1.23 ms
Remote clock offset: 8.881 ms

# Below is generated by plot.py at 2018-07-04 14:27:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 80.35 Mbit/s
95th percentile per-packet one-way delay: 113.148 ms
Loss rate: 1.96%
-- Flow 1:
Average throughput: 47.66 Mbit/s
95th percentile per-packet one-way delay: 113.429 ms
Loss rate: 1.20%
-- Flow 2:
Average throughput: 34.86 Mbit/s
95th percentile per-packet one-way delay: 111.537 ms
Loss rate: 2.64%
-- Flow 3:
Average throughput: 29.02 Mbit/s
95th percentile per-packet one-way delay: 112.626 ms
Loss rate: 3.99%
```

Run 4: Report of TCP BBR — Data Link

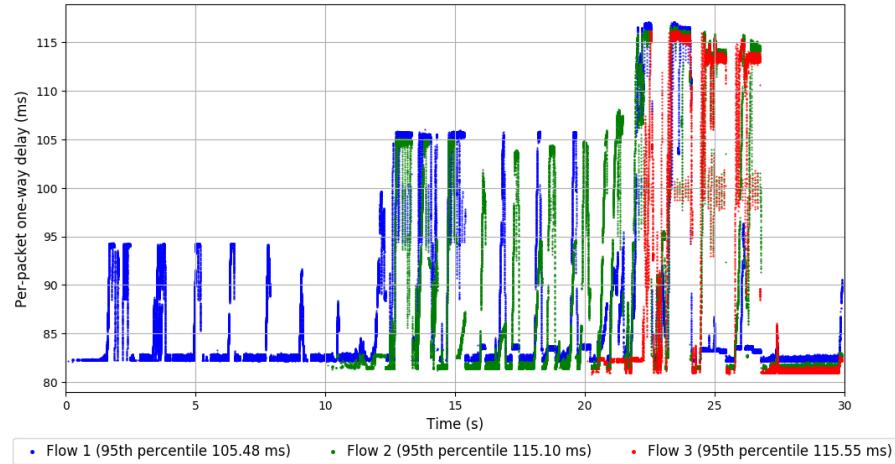
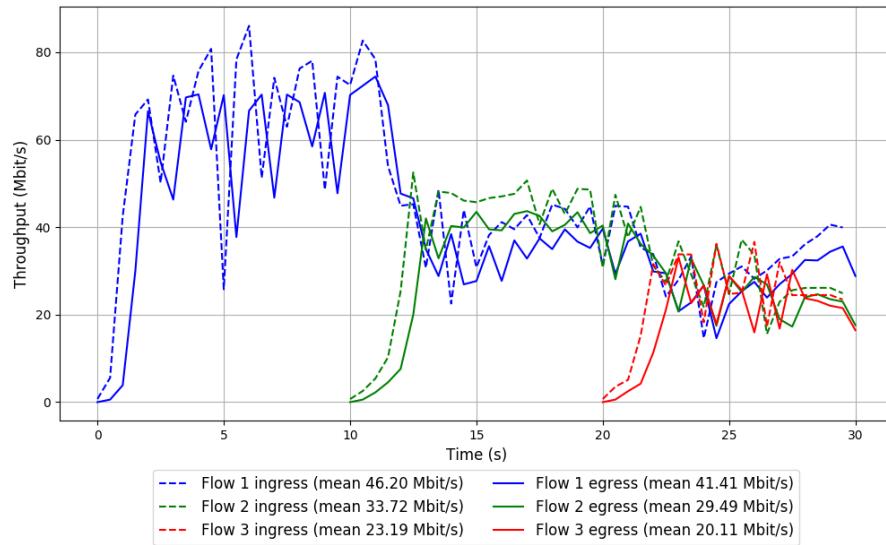


Run 5: Statistics of TCP BBR

```
Start at: 2018-07-04 12:28:12
End at: 2018-07-04 12:28:42
Local clock offset: -2.631 ms
Remote clock offset: 1.521 ms

# Below is generated by plot.py at 2018-07-04 14:27:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 67.60 Mbit/s
95th percentile per-packet one-way delay: 113.977 ms
Loss rate: 11.98%
-- Flow 1:
Average throughput: 41.41 Mbit/s
95th percentile per-packet one-way delay: 105.480 ms
Loss rate: 10.88%
-- Flow 2:
Average throughput: 29.49 Mbit/s
95th percentile per-packet one-way delay: 115.097 ms
Loss rate: 13.30%
-- Flow 3:
Average throughput: 20.11 Mbit/s
95th percentile per-packet one-way delay: 115.554 ms
Loss rate: 14.76%
```

Run 5: Report of TCP BBR — Data Link

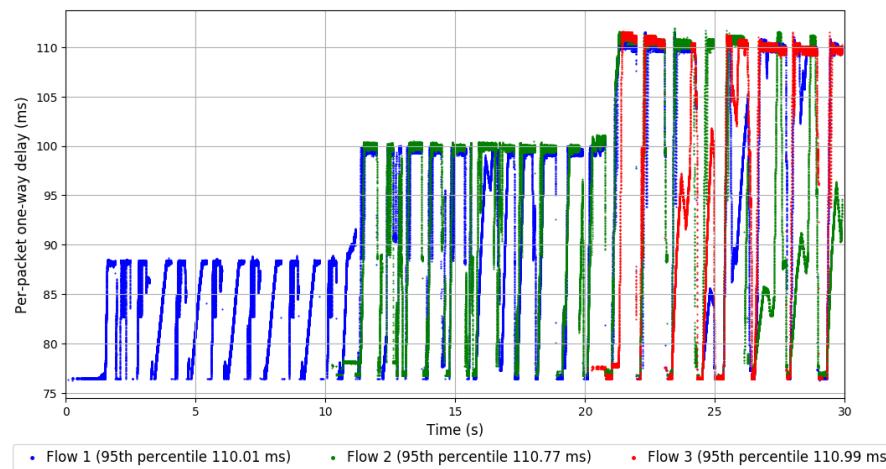
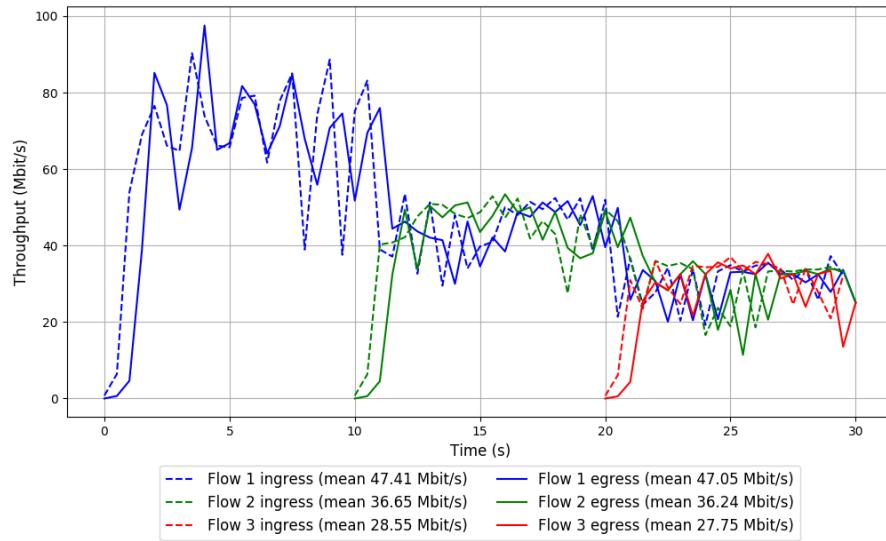


Run 6: Statistics of TCP BBR

```
Start at: 2018-07-04 12:49:38
End at: 2018-07-04 12:50:08
Local clock offset: -2.498 ms
Remote clock offset: 9.696 ms

# Below is generated by plot.py at 2018-07-04 14:27:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 80.23 Mbit/s
95th percentile per-packet one-way delay: 110.524 ms
Loss rate: 1.93%
-- Flow 1:
Average throughput: 47.05 Mbit/s
95th percentile per-packet one-way delay: 110.006 ms
Loss rate: 1.35%
-- Flow 2:
Average throughput: 36.24 Mbit/s
95th percentile per-packet one-way delay: 110.770 ms
Loss rate: 2.02%
-- Flow 3:
Average throughput: 27.75 Mbit/s
95th percentile per-packet one-way delay: 110.986 ms
Loss rate: 4.57%
```

Run 6: Report of TCP BBR — Data Link

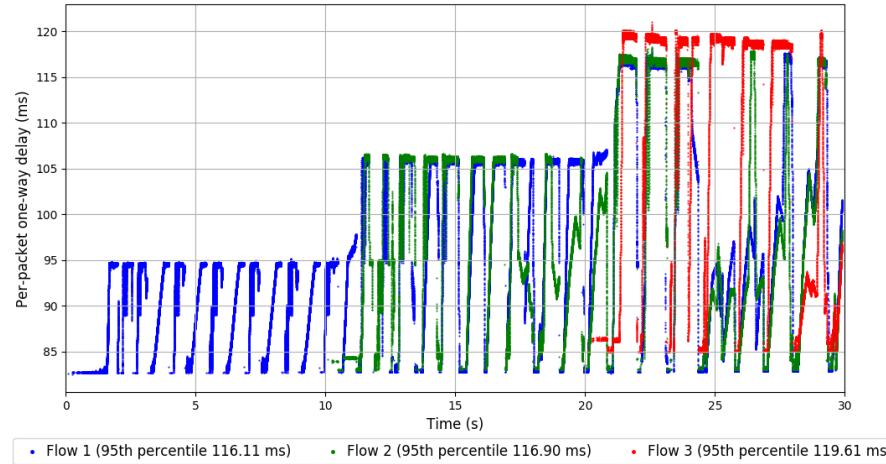
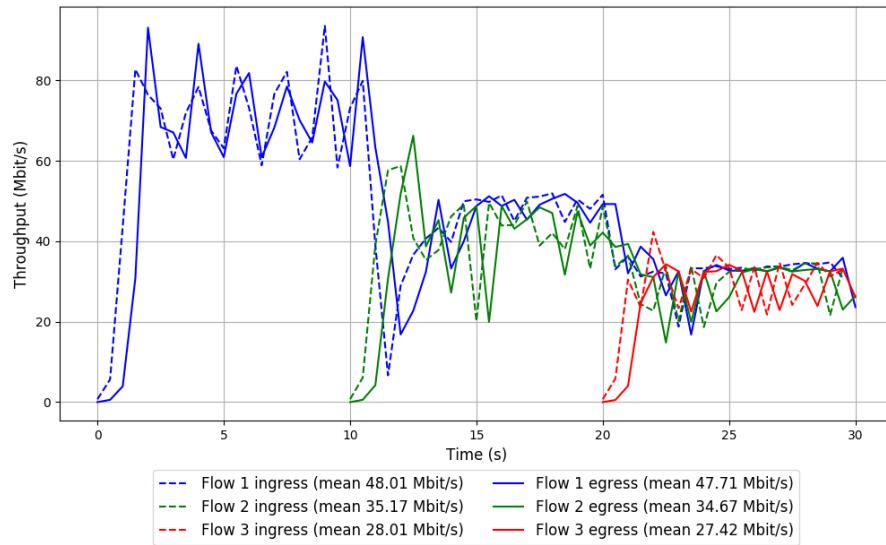


Run 7: Statistics of TCP BBR

```
Start at: 2018-07-04 13:11:03
End at: 2018-07-04 13:11:33
Local clock offset: -2.659 ms
Remote clock offset: 2.945 ms

# Below is generated by plot.py at 2018-07-04 14:27:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.74 Mbit/s
95th percentile per-packet one-way delay: 118.545 ms
Loss rate: 1.79%
-- Flow 1:
Average throughput: 47.71 Mbit/s
95th percentile per-packet one-way delay: 116.109 ms
Loss rate: 1.18%
-- Flow 2:
Average throughput: 34.67 Mbit/s
95th percentile per-packet one-way delay: 116.902 ms
Loss rate: 2.25%
-- Flow 3:
Average throughput: 27.42 Mbit/s
95th percentile per-packet one-way delay: 119.609 ms
Loss rate: 3.81%
```

Run 7: Report of TCP BBR — Data Link

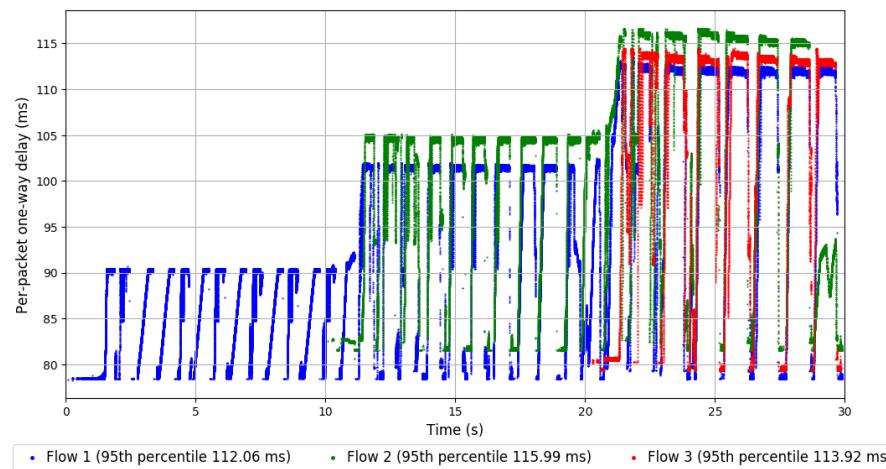
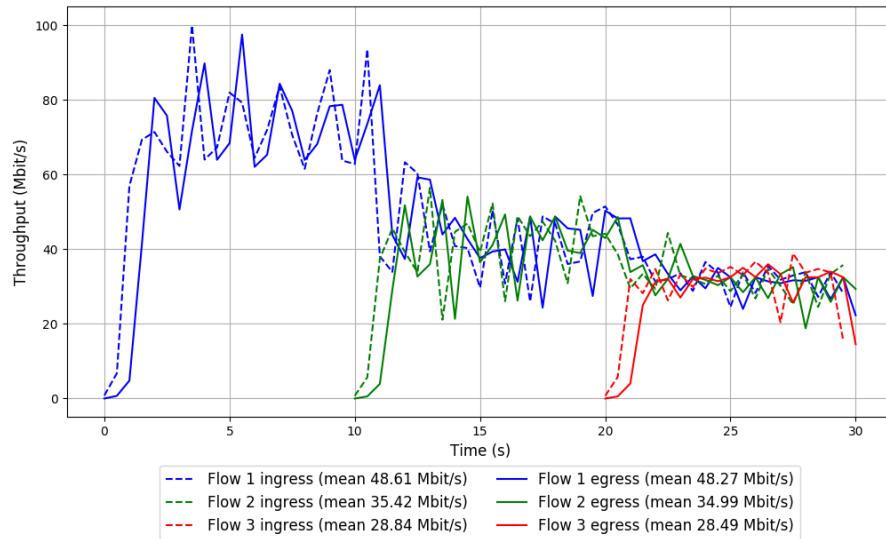


Run 8: Statistics of TCP BBR

```
Start at: 2018-07-04 13:32:19
End at: 2018-07-04 13:32:49
Local clock offset: -7.286 ms
Remote clock offset: 6.051 ms

# Below is generated by plot.py at 2018-07-04 14:27:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 80.85 Mbit/s
95th percentile per-packet one-way delay: 115.046 ms
Loss rate: 1.72%
-- Flow 1:
Average throughput: 48.27 Mbit/s
95th percentile per-packet one-way delay: 112.059 ms
Loss rate: 1.25%
-- Flow 2:
Average throughput: 34.99 Mbit/s
95th percentile per-packet one-way delay: 115.991 ms
Loss rate: 2.08%
-- Flow 3:
Average throughput: 28.49 Mbit/s
95th percentile per-packet one-way delay: 113.919 ms
Loss rate: 3.19%
```

Run 8: Report of TCP BBR — Data Link

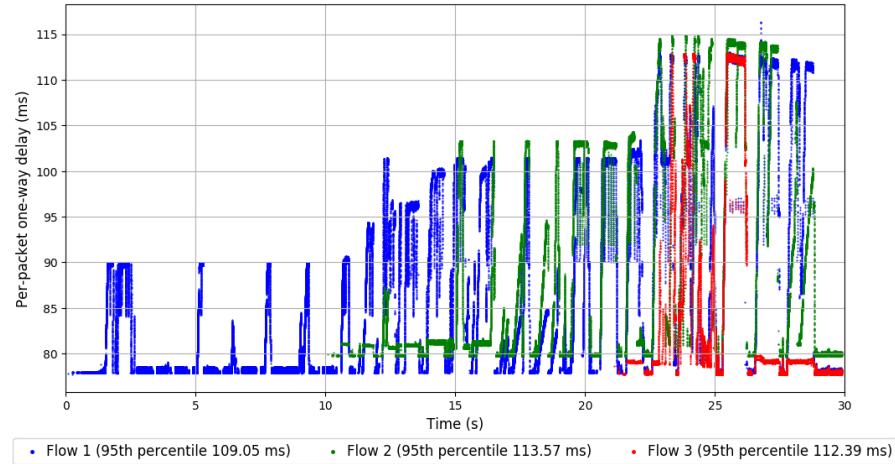
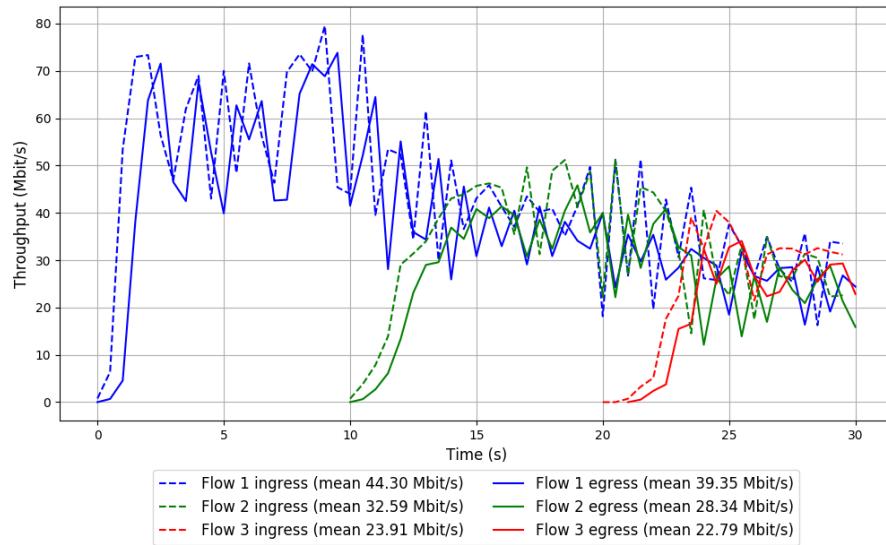


Run 9: Statistics of TCP BBR

```
Start at: 2018-07-04 13:54:04
End at: 2018-07-04 13:54:34
Local clock offset: -3.387 ms
Remote clock offset: 14.389 ms

# Below is generated by plot.py at 2018-07-04 14:28:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 64.88 Mbit/s
95th percentile per-packet one-way delay: 111.835 ms
Loss rate: 12.78%
-- Flow 1:
Average throughput: 39.35 Mbit/s
95th percentile per-packet one-way delay: 109.054 ms
Loss rate: 11.68%
-- Flow 2:
Average throughput: 28.34 Mbit/s
95th percentile per-packet one-way delay: 113.573 ms
Loss rate: 13.81%
-- Flow 3:
Average throughput: 22.79 Mbit/s
95th percentile per-packet one-way delay: 112.388 ms
Loss rate: 16.10%
```

Run 9: Report of TCP BBR — Data Link

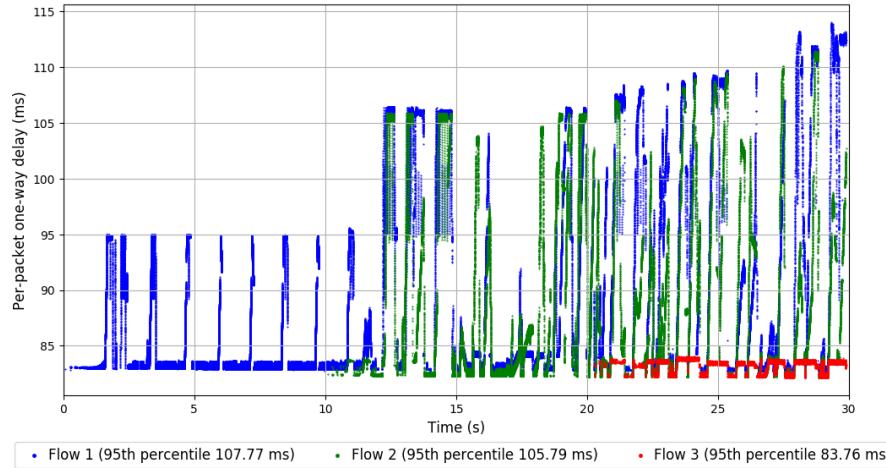
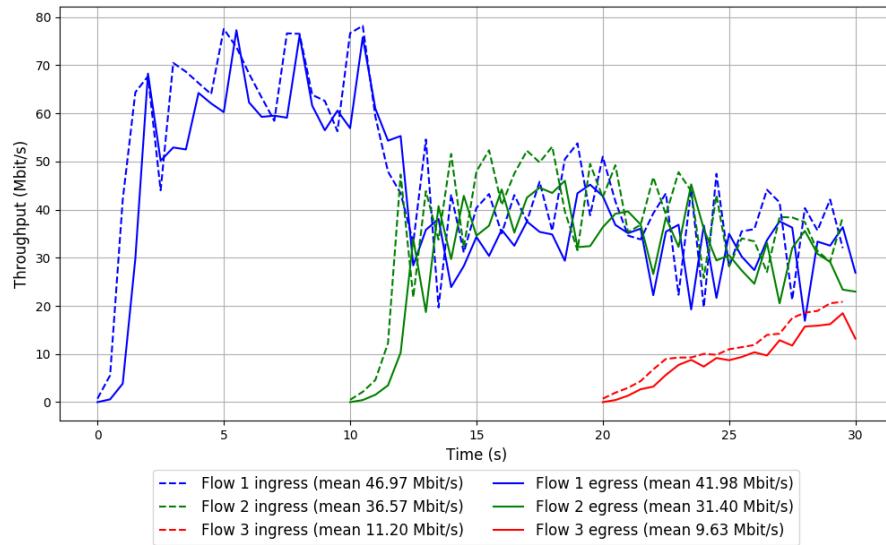


Run 10: Statistics of TCP BBR

```
Start at: 2018-07-04 14:15:23
End at: 2018-07-04 14:15:53
Local clock offset: -2.436 ms
Remote clock offset: 8.707 ms

# Below is generated by plot.py at 2018-07-04 14:28:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 66.00 Mbit/s
95th percentile per-packet one-way delay: 106.694 ms
Loss rate: 12.55%
-- Flow 1:
Average throughput: 41.98 Mbit/s
95th percentile per-packet one-way delay: 107.770 ms
Loss rate: 11.13%
-- Flow 2:
Average throughput: 31.40 Mbit/s
95th percentile per-packet one-way delay: 105.794 ms
Loss rate: 14.86%
-- Flow 3:
Average throughput: 9.63 Mbit/s
95th percentile per-packet one-way delay: 83.757 ms
Loss rate: 15.45%
```

Run 10: Report of TCP BBR — Data Link

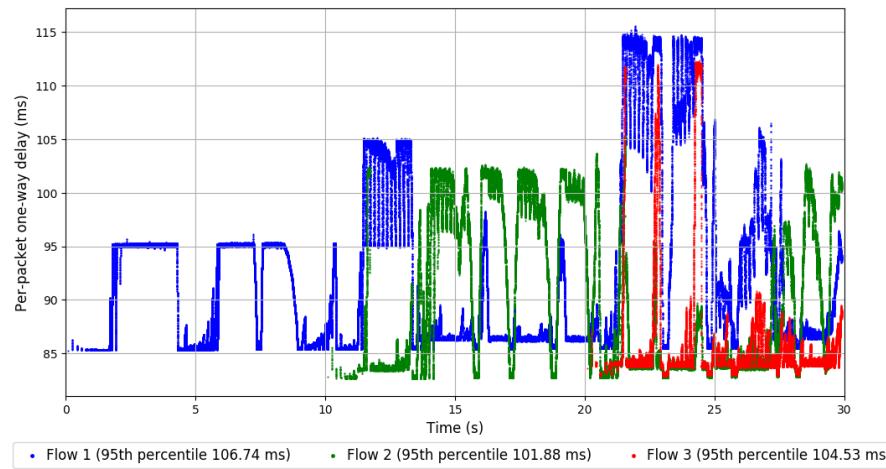
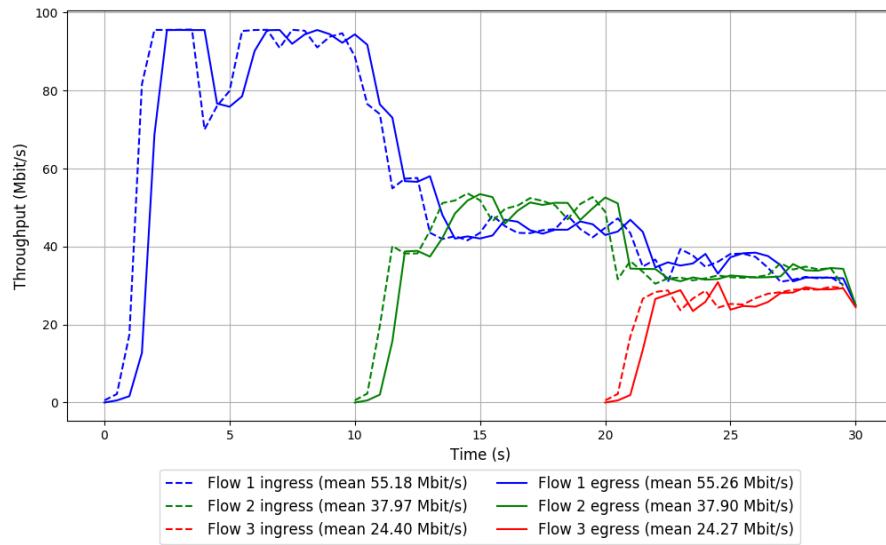


Run 1: Statistics of Copa

```
Start at: 2018-07-04 10:54:20
End at: 2018-07-04 10:54:50
Local clock offset: -2.59 ms
Remote clock offset: 7.243 ms

# Below is generated by plot.py at 2018-07-04 14:29:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.43 Mbit/s
95th percentile per-packet one-way delay: 104.583 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 55.26 Mbit/s
95th percentile per-packet one-way delay: 106.736 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 37.90 Mbit/s
95th percentile per-packet one-way delay: 101.884 ms
Loss rate: 0.98%
-- Flow 3:
Average throughput: 24.27 Mbit/s
95th percentile per-packet one-way delay: 104.535 ms
Loss rate: 2.12%
```

Run 1: Report of Copa — Data Link

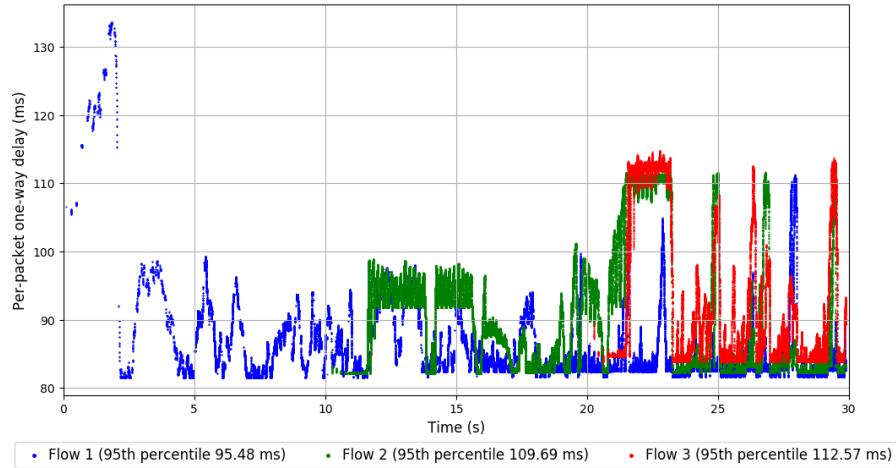
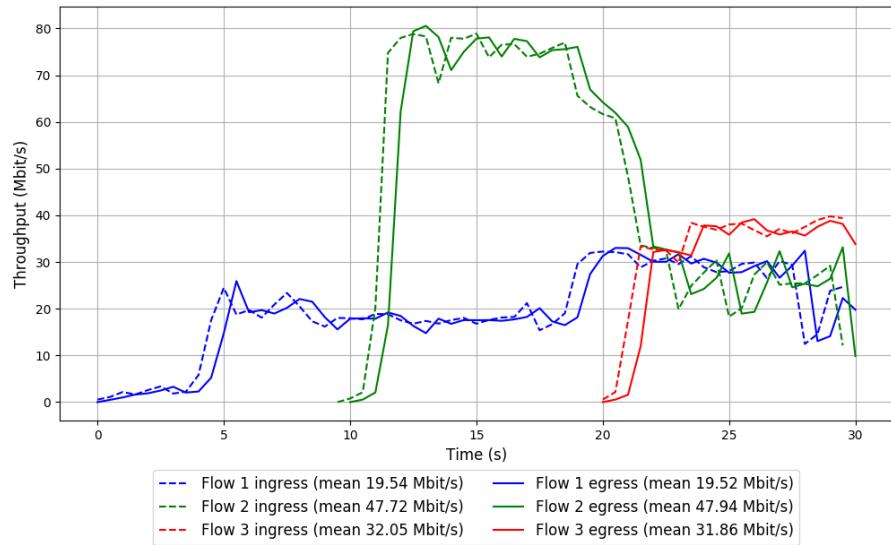


Run 2: Statistics of Copa

```
Start at: 2018-07-04 11:15:33
End at: 2018-07-04 11:16:03
Local clock offset: -4.841 ms
Remote clock offset: 13.326 ms

# Below is generated by plot.py at 2018-07-04 14:29:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 61.90 Mbit/s
95th percentile per-packet one-way delay: 110.279 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 19.52 Mbit/s
95th percentile per-packet one-way delay: 95.481 ms
Loss rate: 0.73%
-- Flow 2:
Average throughput: 47.94 Mbit/s
95th percentile per-packet one-way delay: 109.691 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 31.86 Mbit/s
95th percentile per-packet one-way delay: 112.571 ms
Loss rate: 2.26%
```

Run 2: Report of Copa — Data Link

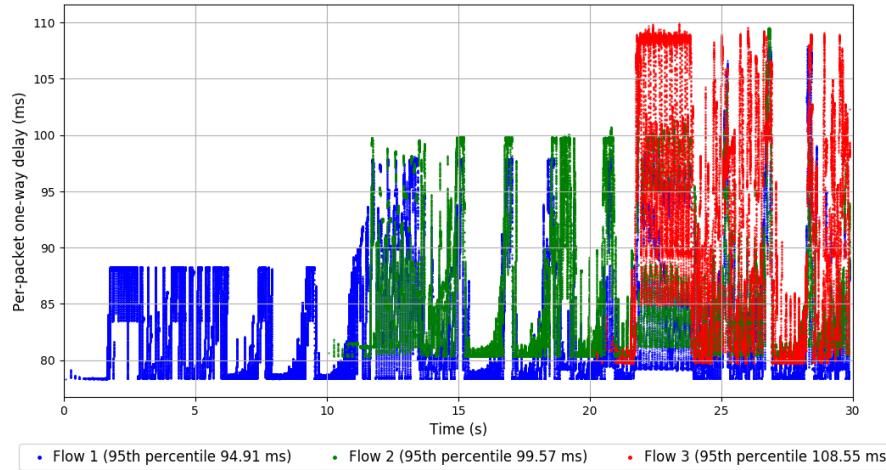
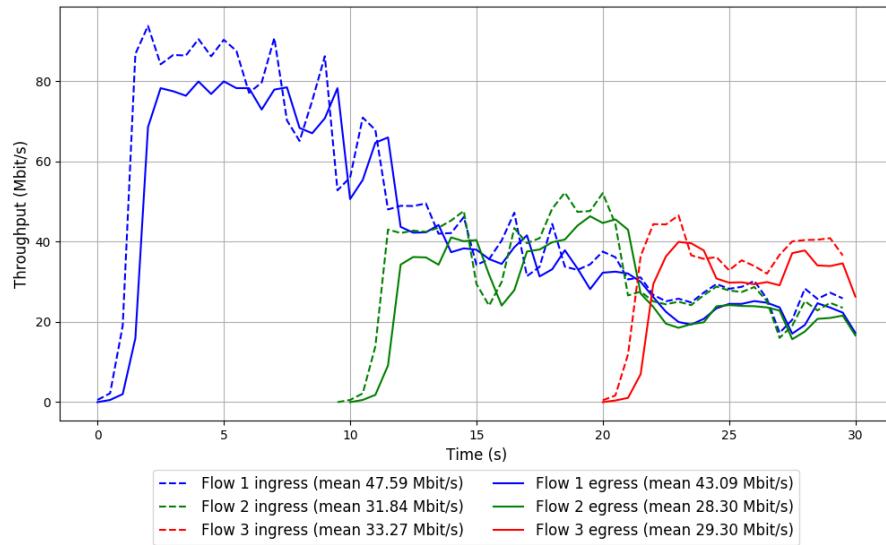


Run 3: Statistics of Copa

```
Start at: 2018-07-04 11:36:45
End at: 2018-07-04 11:37:15
Local clock offset: -7.999 ms
Remote clock offset: 15.484 ms

# Below is generated by plot.py at 2018-07-04 14:29:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 71.52 Mbit/s
95th percentile per-packet one-way delay: 99.625 ms
Loss rate: 10.93%
-- Flow 1:
Average throughput: 43.09 Mbit/s
95th percentile per-packet one-way delay: 94.909 ms
Loss rate: 9.95%
-- Flow 2:
Average throughput: 28.30 Mbit/s
95th percentile per-packet one-way delay: 99.572 ms
Loss rate: 11.84%
-- Flow 3:
Average throughput: 29.30 Mbit/s
95th percentile per-packet one-way delay: 108.551 ms
Loss rate: 13.43%
```

Run 3: Report of Copa — Data Link

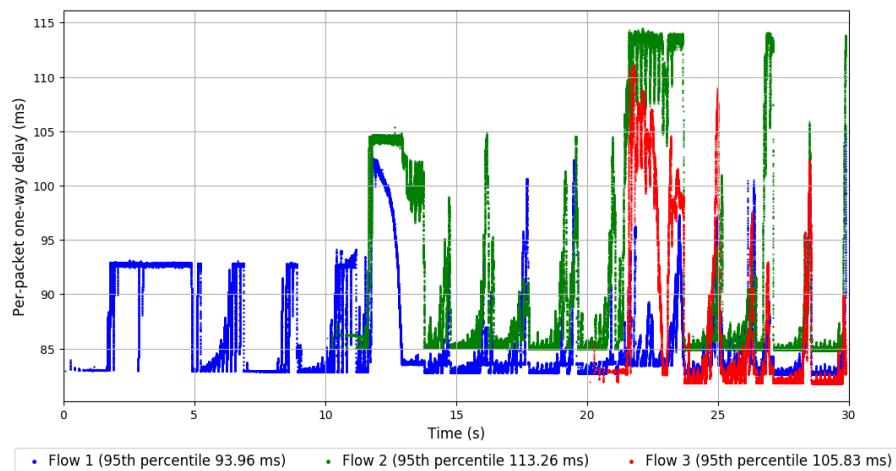
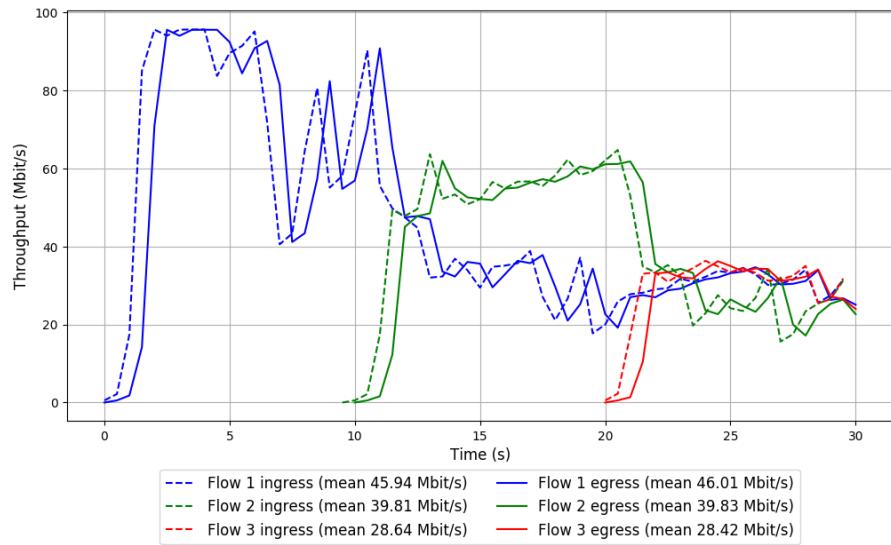


Run 4: Statistics of Copa

```
Start at: 2018-07-04 11:58:15
End at: 2018-07-04 11:58:45
Local clock offset: -2.036 ms
Remote clock offset: 8.092 ms

# Below is generated by plot.py at 2018-07-04 14:29:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 81.82 Mbit/s
95th percentile per-packet one-way delay: 104.432 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 46.01 Mbit/s
95th percentile per-packet one-way delay: 93.962 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 39.83 Mbit/s
95th percentile per-packet one-way delay: 113.264 ms
Loss rate: 0.85%
-- Flow 3:
Average throughput: 28.42 Mbit/s
95th percentile per-packet one-way delay: 105.833 ms
Loss rate: 2.42%
```

Run 4: Report of Copa — Data Link

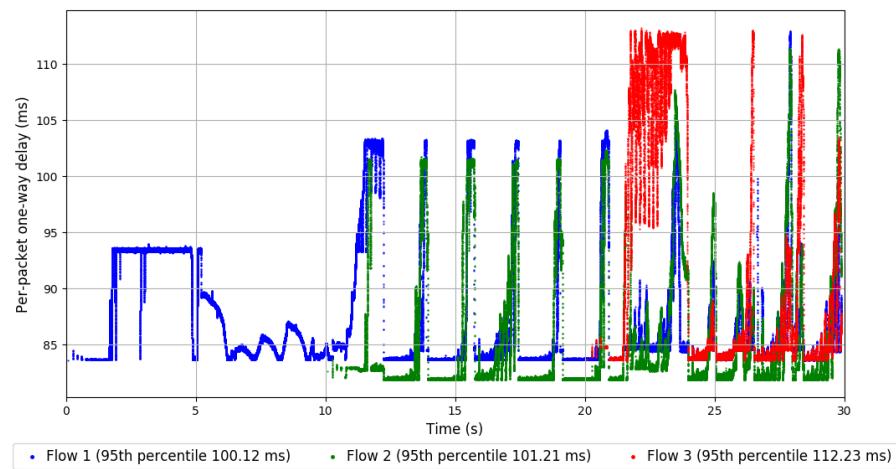
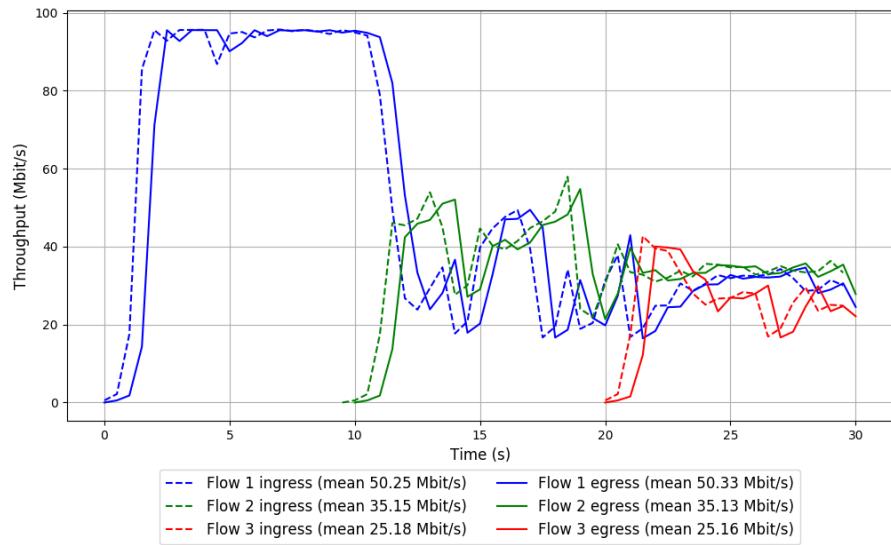


Run 5: Statistics of Copa

```
Start at: 2018-07-04 12:19:35
End at: 2018-07-04 12:20:05
Local clock offset: -2.216 ms
Remote clock offset: 2.442 ms

# Below is generated by plot.py at 2018-07-04 14:29:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 81.95 Mbit/s
95th percentile per-packet one-way delay: 102.909 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 50.33 Mbit/s
95th percentile per-packet one-way delay: 100.117 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 35.13 Mbit/s
95th percentile per-packet one-way delay: 101.209 ms
Loss rate: 0.88%
-- Flow 3:
Average throughput: 25.16 Mbit/s
95th percentile per-packet one-way delay: 112.235 ms
Loss rate: 1.76%
```

Run 5: Report of Copa — Data Link

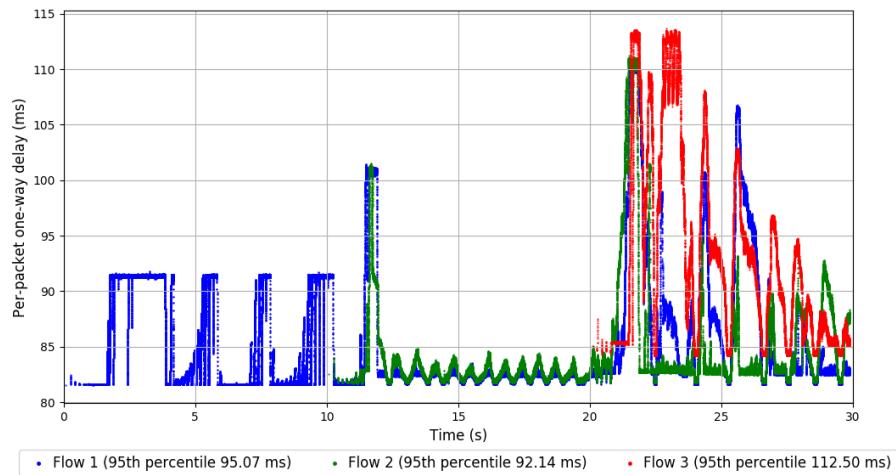
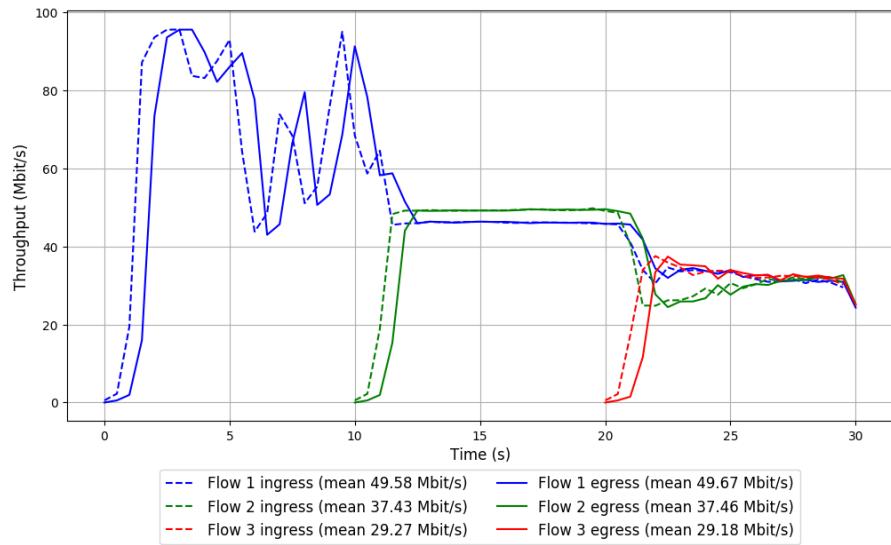


Run 6: Statistics of Copa

```
Start at: 2018-07-04 12:41:04
End at: 2018-07-04 12:41:34
Local clock offset: -2.635 ms
Remote clock offset: 4.212 ms

# Below is generated by plot.py at 2018-07-04 14:29:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.15 Mbit/s
95th percentile per-packet one-way delay: 100.759 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 49.67 Mbit/s
95th percentile per-packet one-way delay: 95.074 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 37.46 Mbit/s
95th percentile per-packet one-way delay: 92.139 ms
Loss rate: 0.72%
-- Flow 3:
Average throughput: 29.18 Mbit/s
95th percentile per-packet one-way delay: 112.499 ms
Loss rate: 1.96%
```

Run 6: Report of Copa — Data Link

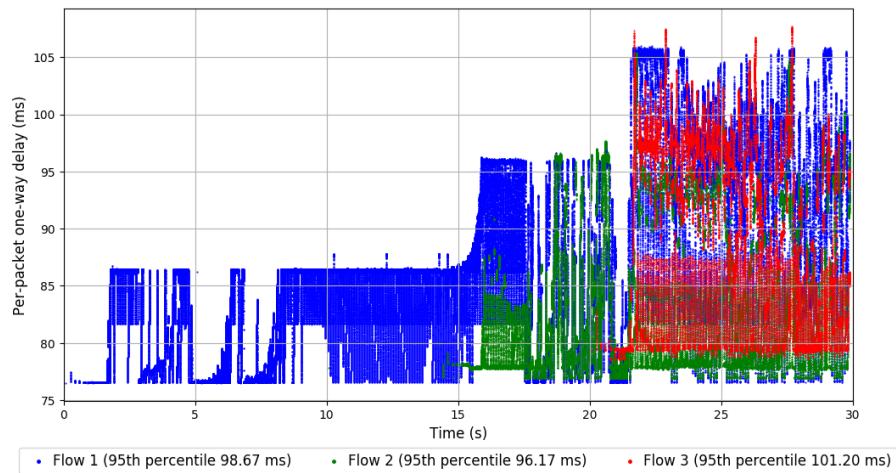
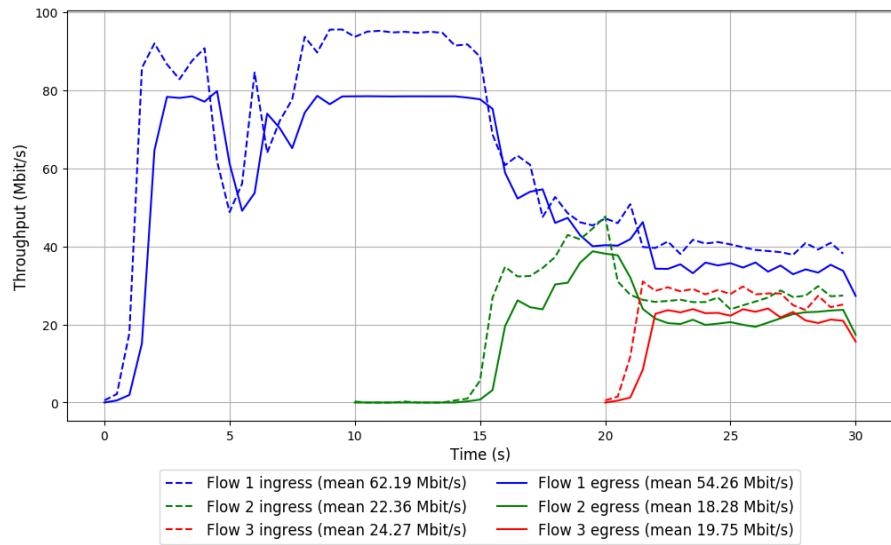


Run 7: Statistics of Copa

```
Start at: 2018-07-04 13:02:20
End at: 2018-07-04 13:02:50
Local clock offset: -2.36 ms
Remote clock offset: 9.907 ms

# Below is generated by plot.py at 2018-07-04 14:29:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 72.91 Mbit/s
95th percentile per-packet one-way delay: 98.595 ms
Loss rate: 14.85%
-- Flow 1:
Average throughput: 54.26 Mbit/s
95th percentile per-packet one-way delay: 98.671 ms
Loss rate: 13.22%
-- Flow 2:
Average throughput: 18.28 Mbit/s
95th percentile per-packet one-way delay: 96.167 ms
Loss rate: 18.88%
-- Flow 3:
Average throughput: 19.75 Mbit/s
95th percentile per-packet one-way delay: 101.204 ms
Loss rate: 19.98%
```

Run 7: Report of Copa — Data Link

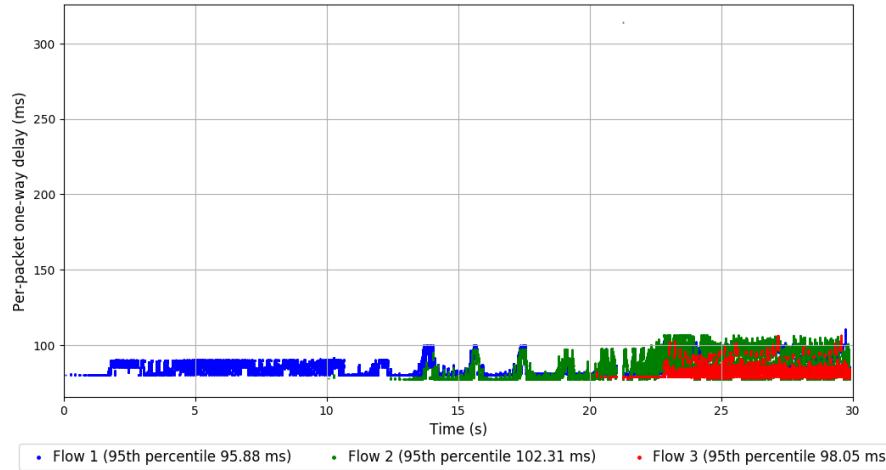
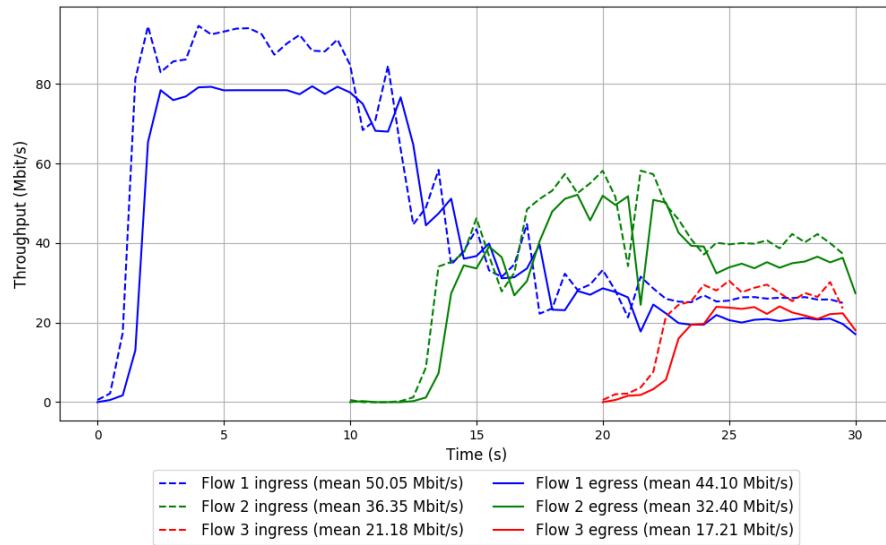


Run 8: Statistics of Copa

```
Start at: 2018-07-04 13:23:44
End at: 2018-07-04 13:24:14
Local clock offset: -6.301 ms
Remote clock offset: 7.55 ms

# Below is generated by plot.py at 2018-07-04 14:29:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 71.29 Mbit/s
95th percentile per-packet one-way delay: 98.892 ms
Loss rate: 12.82%
-- Flow 1:
Average throughput: 44.10 Mbit/s
95th percentile per-packet one-way delay: 95.884 ms
Loss rate: 12.38%
-- Flow 2:
Average throughput: 32.40 Mbit/s
95th percentile per-packet one-way delay: 102.308 ms
Loss rate: 11.62%
-- Flow 3:
Average throughput: 17.21 Mbit/s
95th percentile per-packet one-way delay: 98.048 ms
Loss rate: 20.08%
```

Run 8: Report of Copa — Data Link

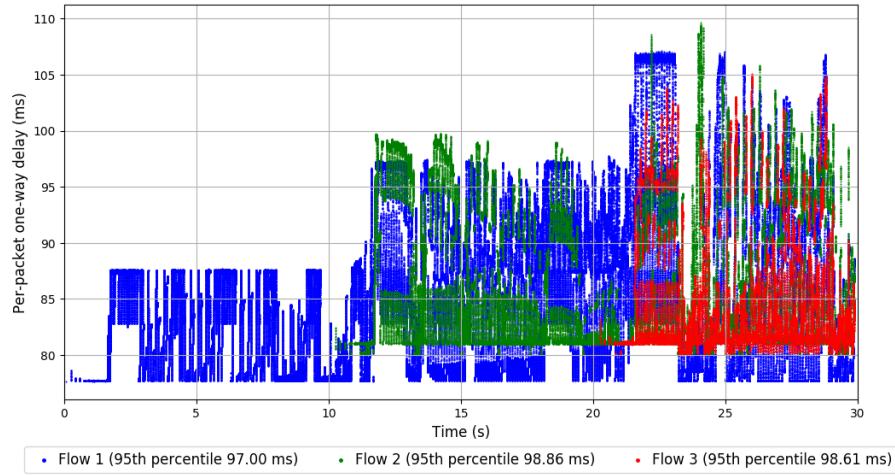
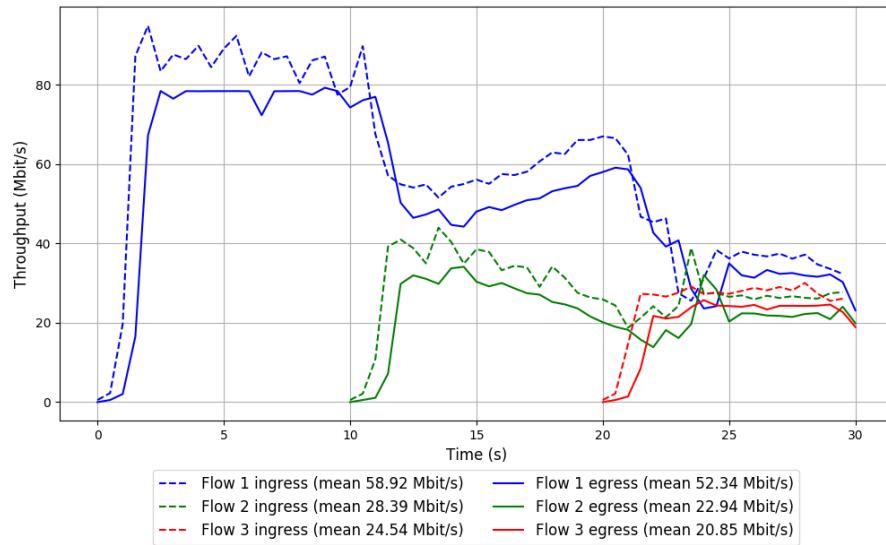


Run 9: Statistics of Copa

```
Start at: 2018-07-04 13:45:18
End at: 2018-07-04 13:45:48
Local clock offset: -5.367 ms
Remote clock offset: 11.941 ms

# Below is generated by plot.py at 2018-07-04 14:30:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 74.43 Mbit/s
95th percentile per-packet one-way delay: 97.901 ms
Loss rate: 13.91%
-- Flow 1:
Average throughput: 52.34 Mbit/s
95th percentile per-packet one-way delay: 97.001 ms
Loss rate: 11.64%
-- Flow 2:
Average throughput: 22.94 Mbit/s
95th percentile per-packet one-way delay: 98.861 ms
Loss rate: 19.88%
-- Flow 3:
Average throughput: 20.85 Mbit/s
95th percentile per-packet one-way delay: 98.609 ms
Loss rate: 16.43%
```

Run 9: Report of Copa — Data Link

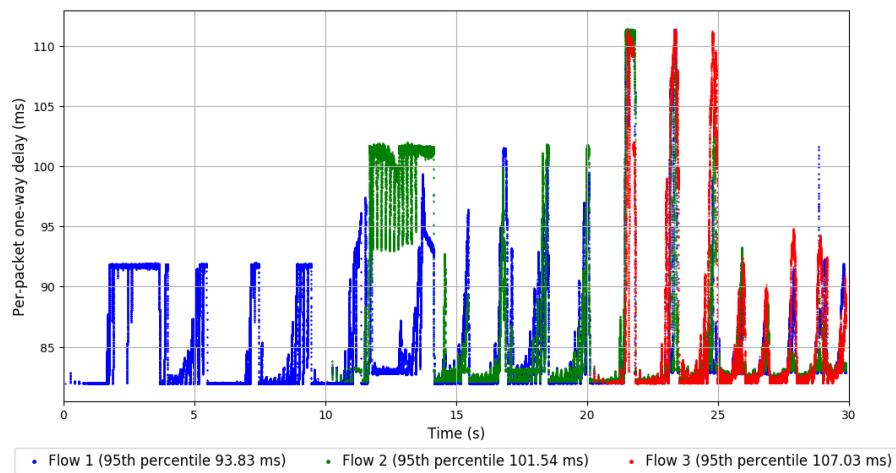
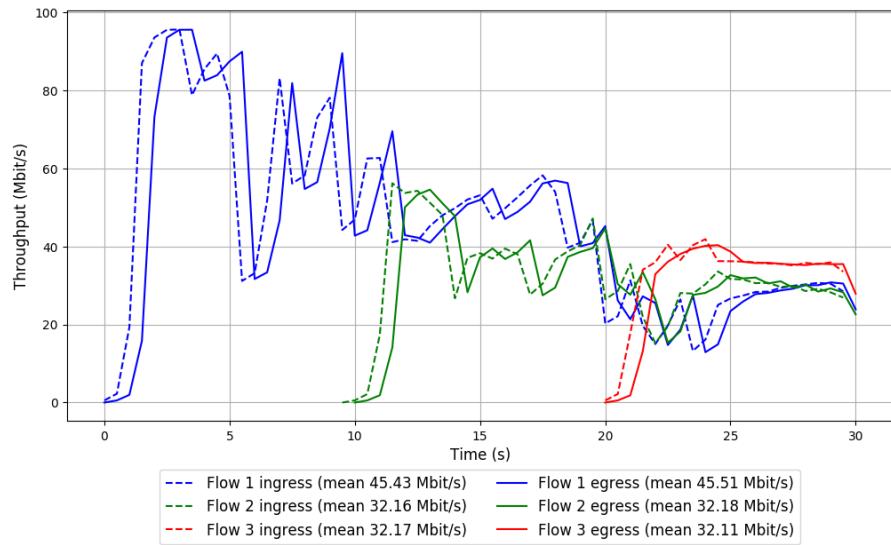


Run 10: Statistics of Copa

```
Start at: 2018-07-04 14:06:47
End at: 2018-07-04 14:07:17
Local clock offset: -2.256 ms
Remote clock offset: 12.178 ms

# Below is generated by plot.py at 2018-07-04 14:30:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.45 Mbit/s
95th percentile per-packet one-way delay: 101.337 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 45.51 Mbit/s
95th percentile per-packet one-way delay: 93.826 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 32.18 Mbit/s
95th percentile per-packet one-way delay: 101.538 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 32.11 Mbit/s
95th percentile per-packet one-way delay: 107.029 ms
Loss rate: 1.81%
```

Run 10: Report of Copa — Data Link

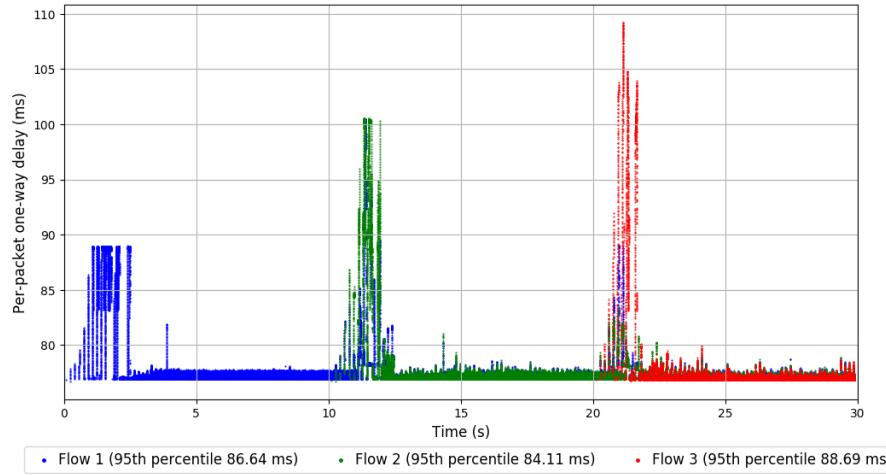
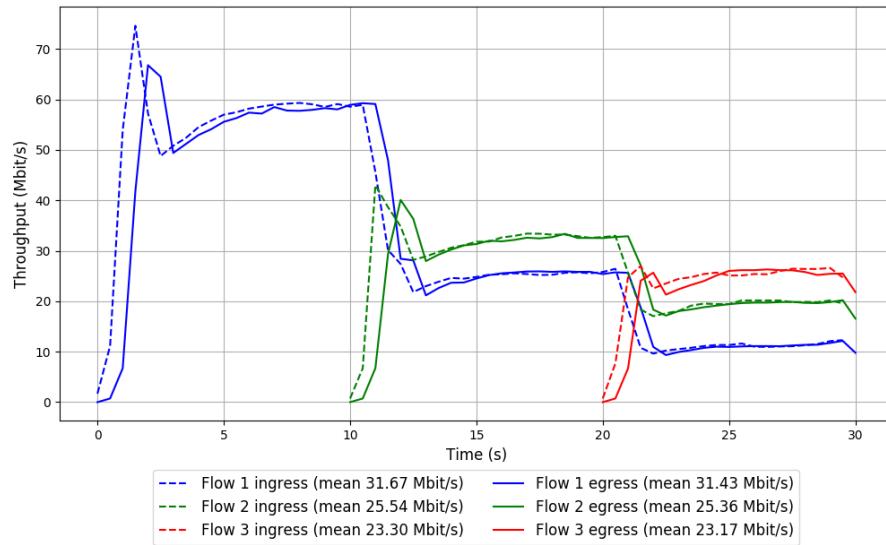


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2018-07-04 10:58:08
End at: 2018-07-04 10:58:38
Local clock offset: -2.604 ms
Remote clock offset: 14.692 ms

# Below is generated by plot.py at 2018-07-04 14:30:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 55.86 Mbit/s
95th percentile per-packet one-way delay: 86.096 ms
Loss rate: 1.50%
-- Flow 1:
Average throughput: 31.43 Mbit/s
95th percentile per-packet one-way delay: 86.642 ms
Loss rate: 1.30%
-- Flow 2:
Average throughput: 25.36 Mbit/s
95th percentile per-packet one-way delay: 84.112 ms
Loss rate: 1.54%
-- Flow 3:
Average throughput: 23.17 Mbit/s
95th percentile per-packet one-way delay: 88.693 ms
Loss rate: 2.18%
```

Run 1: Report of TCP Cubic — Data Link

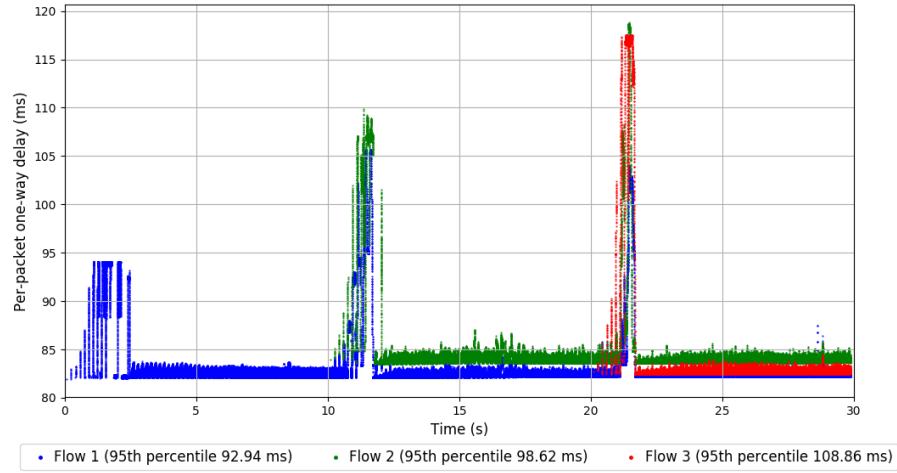
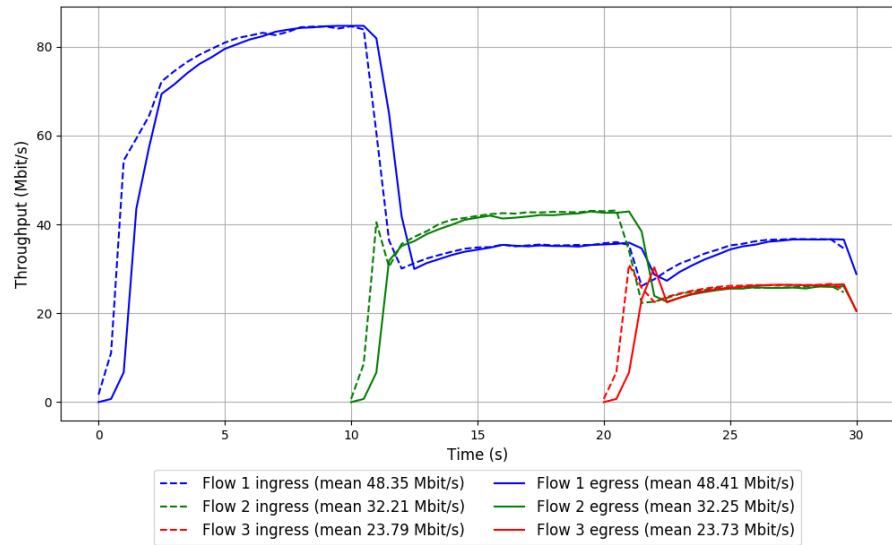


Run 2: Statistics of TCP Cubic

```
Start at: 2018-07-04 11:19:19
End at: 2018-07-04 11:19:49
Local clock offset: -5.854 ms
Remote clock offset: 13.802 ms

# Below is generated by plot.py at 2018-07-04 14:30:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.62 Mbit/s
95th percentile per-packet one-way delay: 93.830 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 48.41 Mbit/s
95th percentile per-packet one-way delay: 92.935 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 32.25 Mbit/s
95th percentile per-packet one-way delay: 98.617 ms
Loss rate: 0.69%
-- Flow 3:
Average throughput: 23.73 Mbit/s
95th percentile per-packet one-way delay: 108.857 ms
Loss rate: 1.91%
```

Run 2: Report of TCP Cubic — Data Link

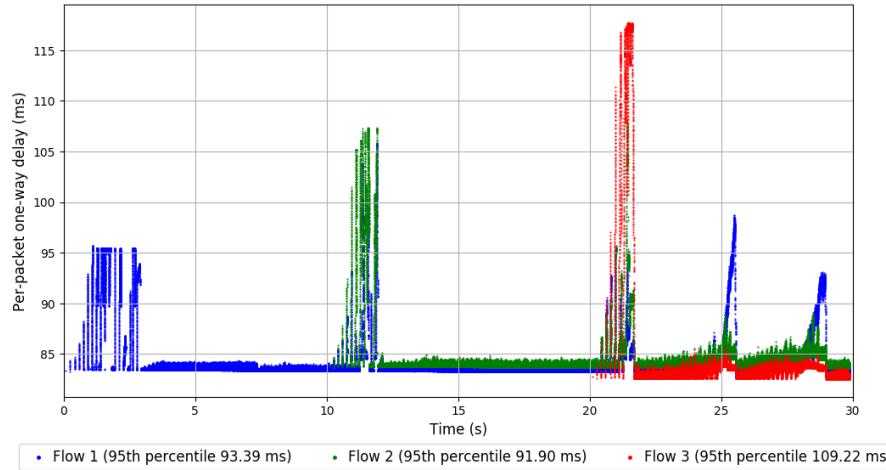
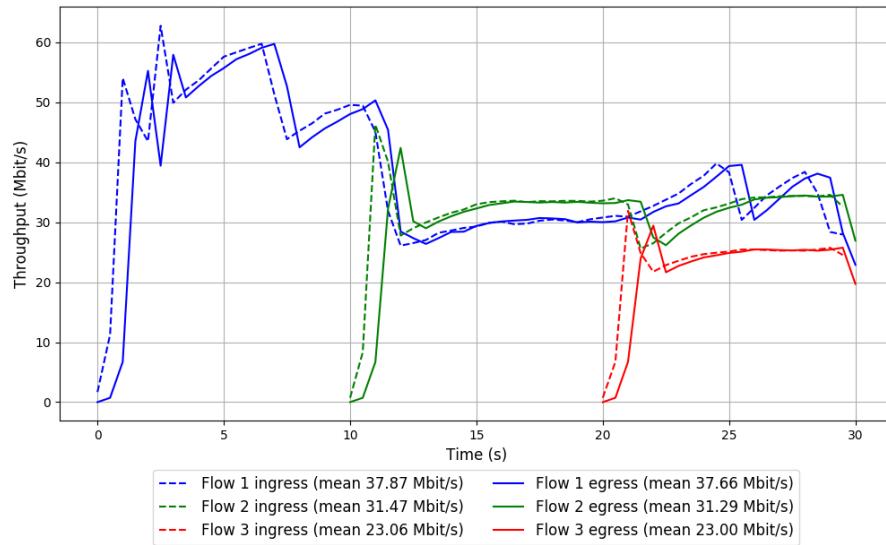


Run 3: Statistics of TCP Cubic

```
Start at: 2018-07-04 11:40:44
End at: 2018-07-04 11:41:14
Local clock offset: -7.913 ms
Remote clock offset: 11.605 ms

# Below is generated by plot.py at 2018-07-04 14:30:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 66.00 Mbit/s
95th percentile per-packet one-way delay: 93.667 ms
Loss rate: 1.28%
-- Flow 1:
Average throughput: 37.66 Mbit/s
95th percentile per-packet one-way delay: 93.394 ms
Loss rate: 1.08%
-- Flow 2:
Average throughput: 31.29 Mbit/s
95th percentile per-packet one-way delay: 91.904 ms
Loss rate: 1.40%
-- Flow 3:
Average throughput: 23.00 Mbit/s
95th percentile per-packet one-way delay: 109.216 ms
Loss rate: 1.91%
```

Run 3: Report of TCP Cubic — Data Link

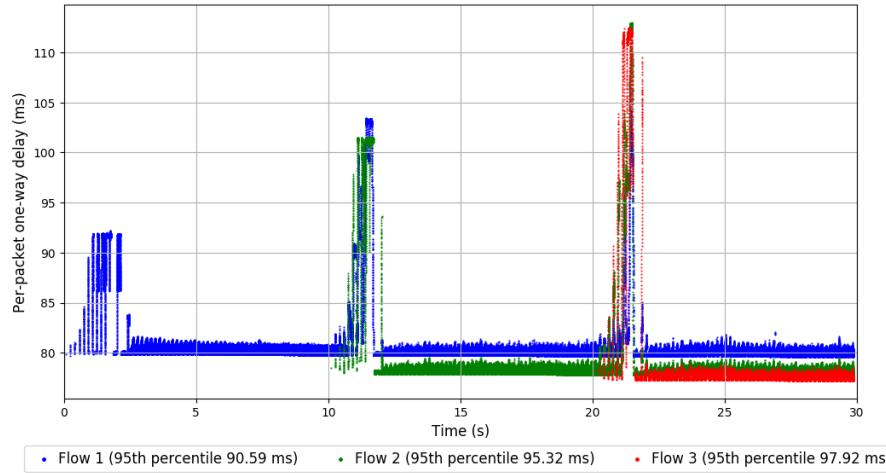
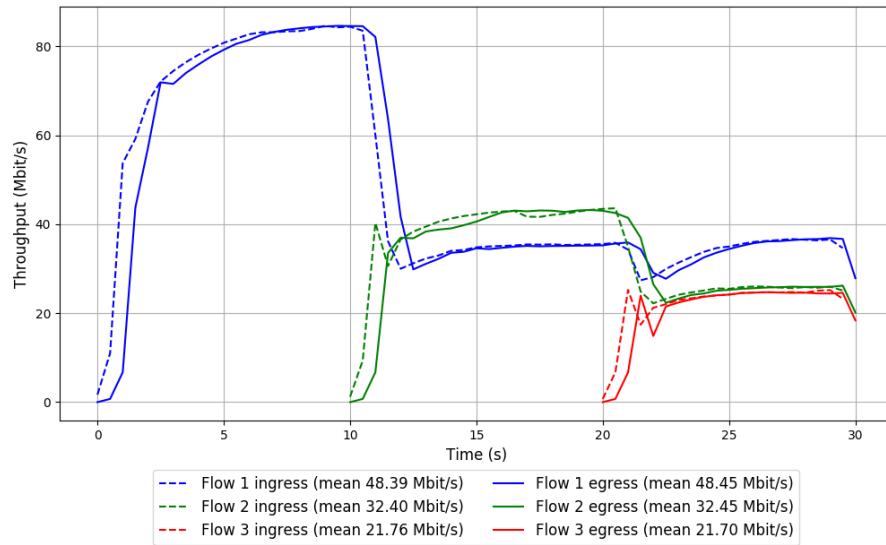


Run 4: Statistics of TCP Cubic

```
Start at: 2018-07-04 12:02:05
End at: 2018-07-04 12:02:35
Local clock offset: -1.634 ms
Remote clock offset: 10.855 ms

# Below is generated by plot.py at 2018-07-04 14:30:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.13 Mbit/s
95th percentile per-packet one-way delay: 91.582 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 48.45 Mbit/s
95th percentile per-packet one-way delay: 90.588 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 32.45 Mbit/s
95th percentile per-packet one-way delay: 95.323 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 21.70 Mbit/s
95th percentile per-packet one-way delay: 97.921 ms
Loss rate: 1.95%
```

Run 4: Report of TCP Cubic — Data Link

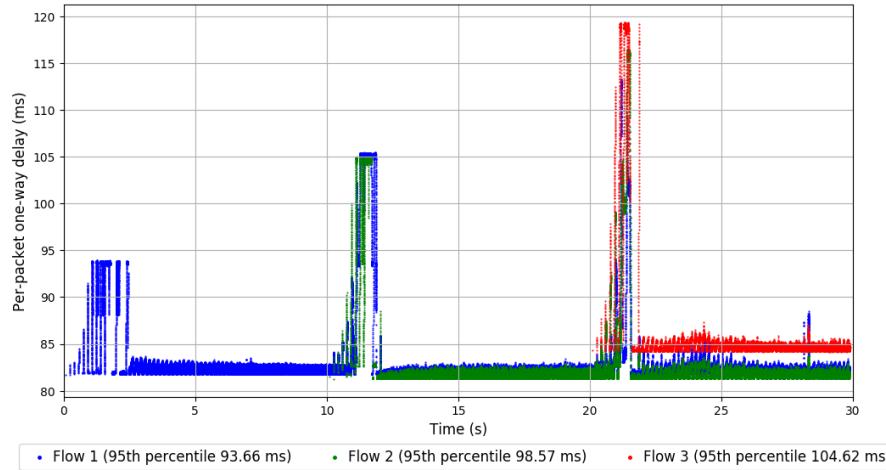
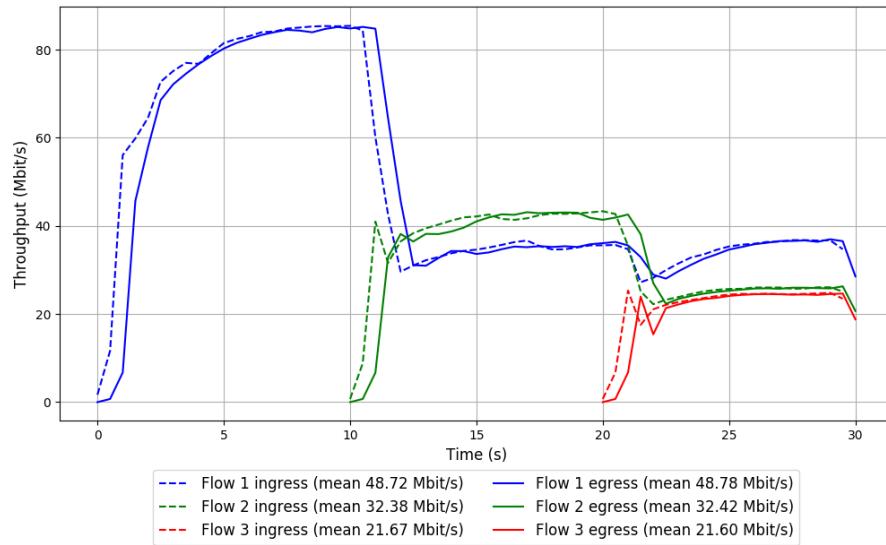


Run 5: Statistics of TCP Cubic

```
Start at: 2018-07-04 12:23:24
End at: 2018-07-04 12:23:54
Local clock offset: -2.484 ms
Remote clock offset: 2.062 ms

# Below is generated by plot.py at 2018-07-04 14:30:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.40 Mbit/s
95th percentile per-packet one-way delay: 93.705 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 48.78 Mbit/s
95th percentile per-packet one-way delay: 93.664 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 32.42 Mbit/s
95th percentile per-packet one-way delay: 98.568 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 21.60 Mbit/s
95th percentile per-packet one-way delay: 104.622 ms
Loss rate: 1.95%
```

Run 5: Report of TCP Cubic — Data Link

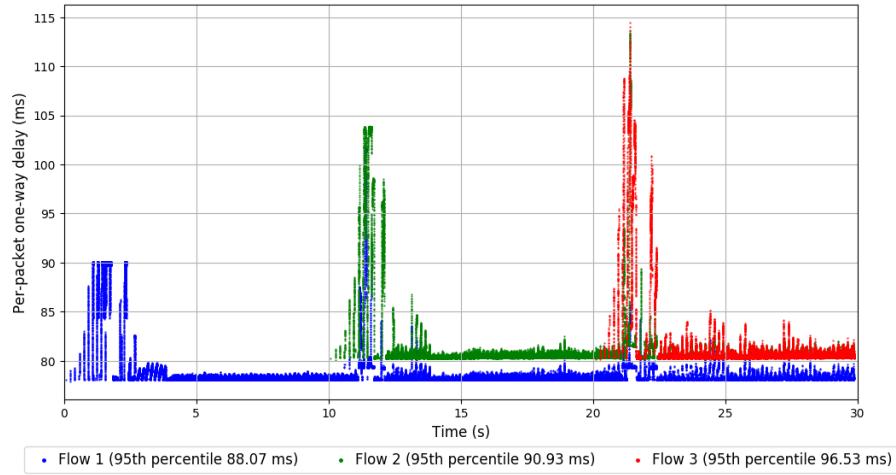
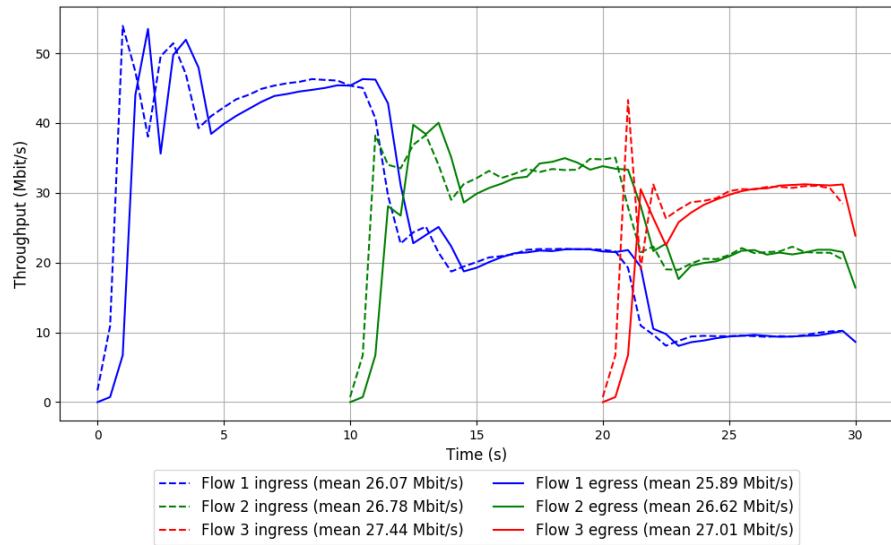


Run 6: Statistics of TCP Cubic

```
Start at: 2018-07-04 12:44:51
End at: 2018-07-04 12:45:21
Local clock offset: -2.568 ms
Remote clock offset: 8.466 ms

# Below is generated by plot.py at 2018-07-04 14:30:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 52.42 Mbit/s
95th percentile per-packet one-way delay: 89.877 ms
Loss rate: 1.66%
-- Flow 1:
Average throughput: 25.89 Mbit/s
95th percentile per-packet one-way delay: 88.073 ms
Loss rate: 1.25%
-- Flow 2:
Average throughput: 26.62 Mbit/s
95th percentile per-packet one-way delay: 90.926 ms
Loss rate: 1.48%
-- Flow 3:
Average throughput: 27.01 Mbit/s
95th percentile per-packet one-way delay: 96.531 ms
Loss rate: 3.20%
```

Run 6: Report of TCP Cubic — Data Link

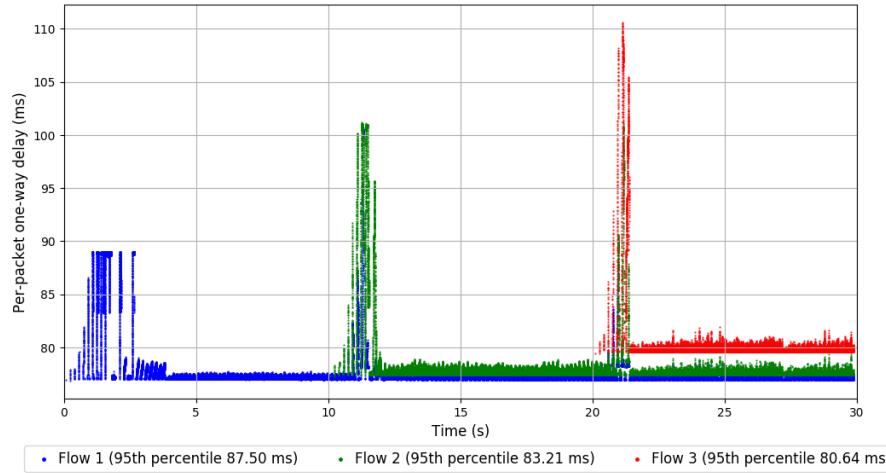
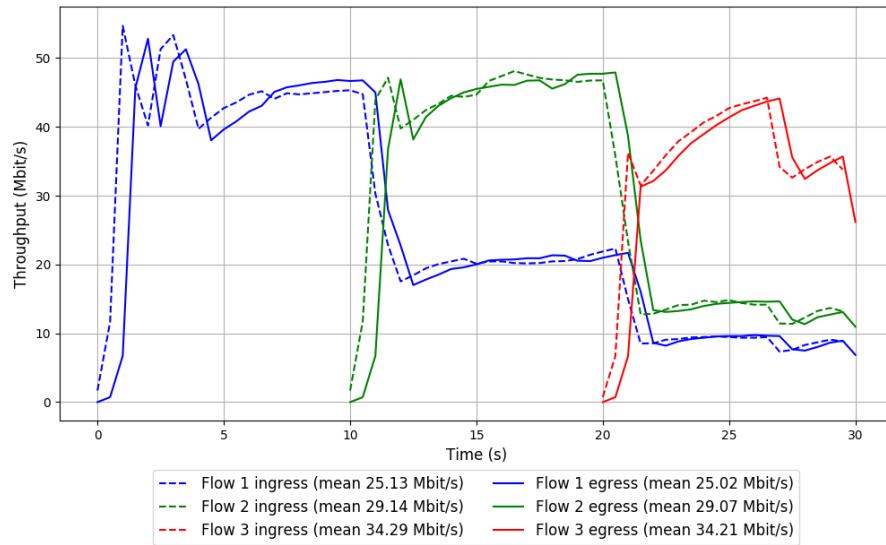


Run 7: Statistics of TCP Cubic

```
Start at: 2018-07-04 13:06:16
End at: 2018-07-04 13:06:46
Local clock offset: -2.328 ms
Remote clock offset: 8.511 ms

# Below is generated by plot.py at 2018-07-04 14:30:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 55.57 Mbit/s
95th percentile per-packet one-way delay: 85.467 ms
Loss rate: 1.19%
-- Flow 1:
Average throughput: 25.02 Mbit/s
95th percentile per-packet one-way delay: 87.501 ms
Loss rate: 1.00%
-- Flow 2:
Average throughput: 29.07 Mbit/s
95th percentile per-packet one-way delay: 83.211 ms
Loss rate: 1.04%
-- Flow 3:
Average throughput: 34.21 Mbit/s
95th percentile per-packet one-way delay: 80.637 ms
Loss rate: 1.90%
```

Run 7: Report of TCP Cubic — Data Link

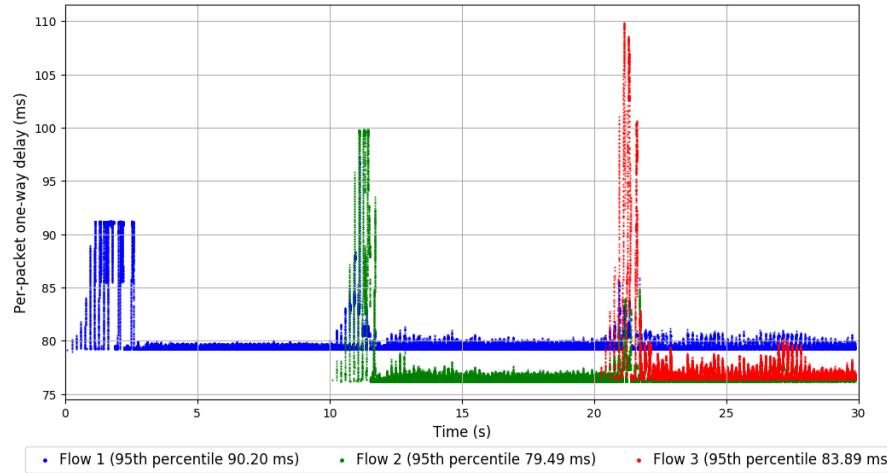
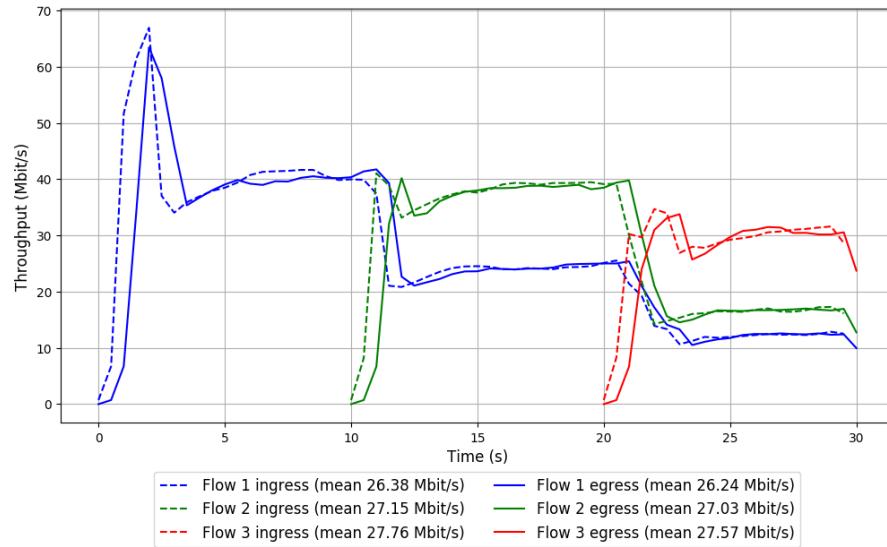


Run 8: Statistics of TCP Cubic

```
Start at: 2018-07-04 13:27:32
End at: 2018-07-04 13:28:02
Local clock offset: -6.791 ms
Remote clock offset: 8.519 ms

# Below is generated by plot.py at 2018-07-04 14:30:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.25 Mbit/s
95th percentile per-packet one-way delay: 87.712 ms
Loss rate: 1.35%
-- Flow 1:
Average throughput: 26.24 Mbit/s
95th percentile per-packet one-way delay: 90.199 ms
Loss rate: 1.10%
-- Flow 2:
Average throughput: 27.03 Mbit/s
95th percentile per-packet one-way delay: 79.489 ms
Loss rate: 1.23%
-- Flow 3:
Average throughput: 27.57 Mbit/s
95th percentile per-packet one-way delay: 83.894 ms
Loss rate: 2.29%
```

Run 8: Report of TCP Cubic — Data Link

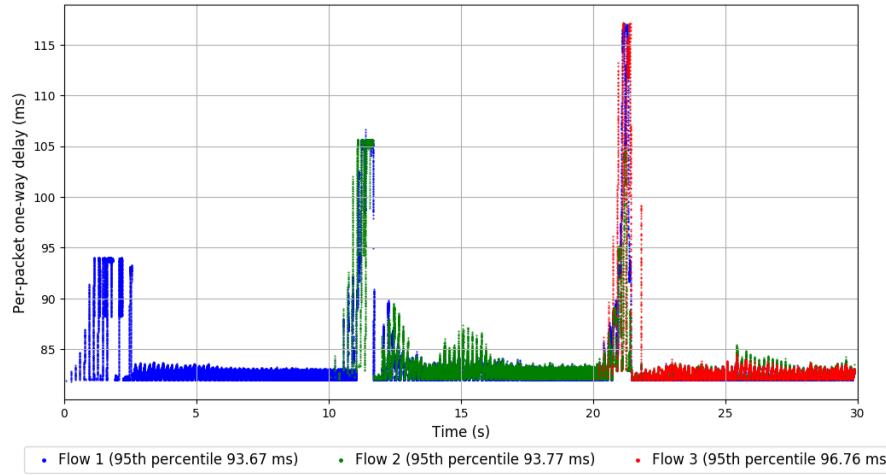
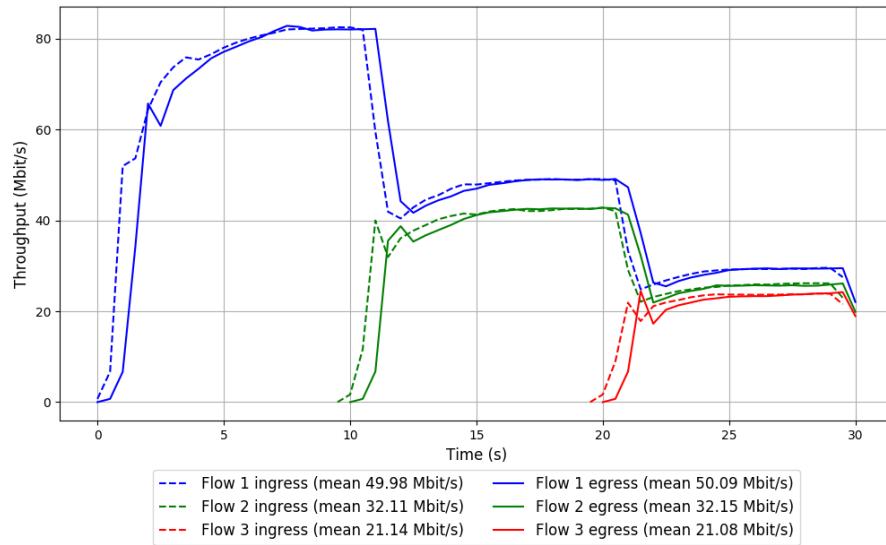


Run 9: Statistics of TCP Cubic

```
Start at: 2018-07-04 13:49:16
End at: 2018-07-04 13:49:46
Local clock offset: -4.267 ms
Remote clock offset: 9.25 ms

# Below is generated by plot.py at 2018-07-04 14:31:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.39 Mbit/s
95th percentile per-packet one-way delay: 93.712 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 50.09 Mbit/s
95th percentile per-packet one-way delay: 93.667 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 32.15 Mbit/s
95th percentile per-packet one-way delay: 93.767 ms
Loss rate: 0.69%
-- Flow 3:
Average throughput: 21.08 Mbit/s
95th percentile per-packet one-way delay: 96.761 ms
Loss rate: 1.93%
```

Run 9: Report of TCP Cubic — Data Link

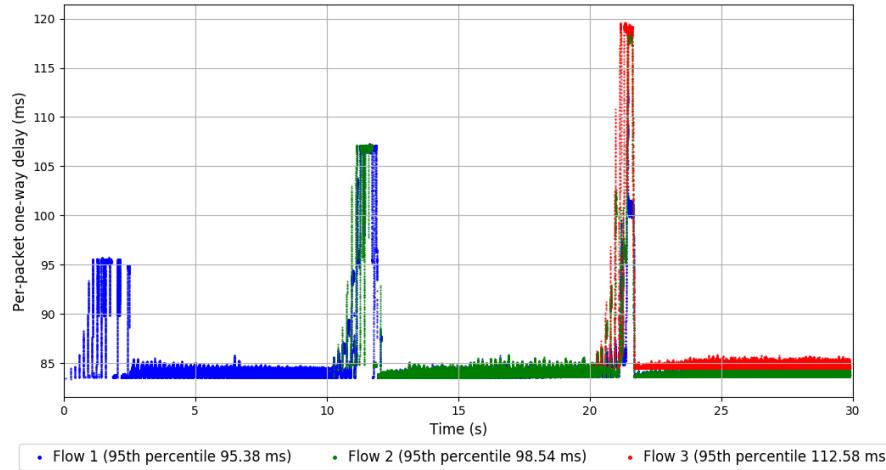
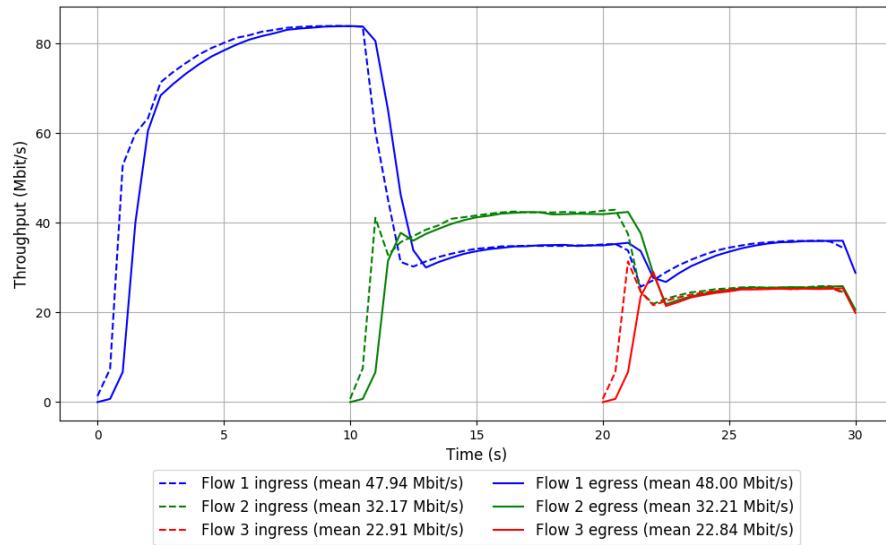


Run 10: Statistics of TCP Cubic

```
Start at: 2018-07-04 14:10:35
End at: 2018-07-04 14:11:05
Local clock offset: -2.127 ms
Remote clock offset: 12.458 ms

# Below is generated by plot.py at 2018-07-04 14:31:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 76.91 Mbit/s
95th percentile per-packet one-way delay: 95.448 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 48.00 Mbit/s
95th percentile per-packet one-way delay: 95.379 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 32.21 Mbit/s
95th percentile per-packet one-way delay: 98.538 ms
Loss rate: 0.69%
-- Flow 3:
Average throughput: 22.84 Mbit/s
95th percentile per-packet one-way delay: 112.577 ms
Loss rate: 1.92%
```

Run 10: Report of TCP Cubic — Data Link

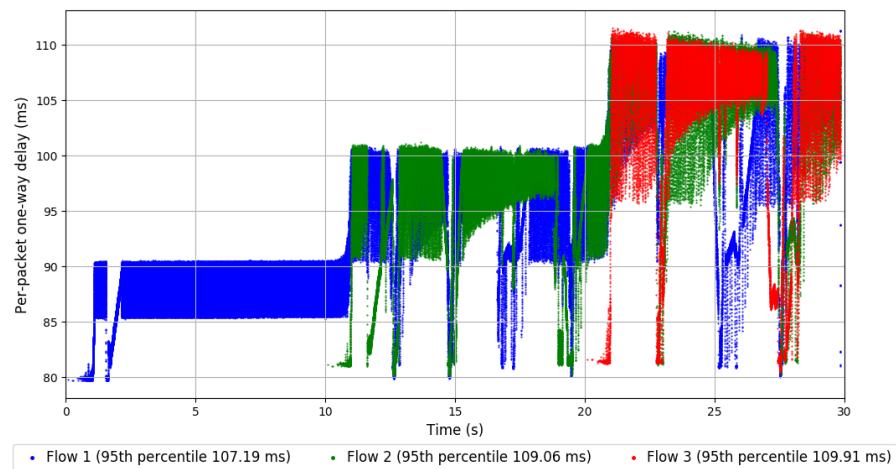
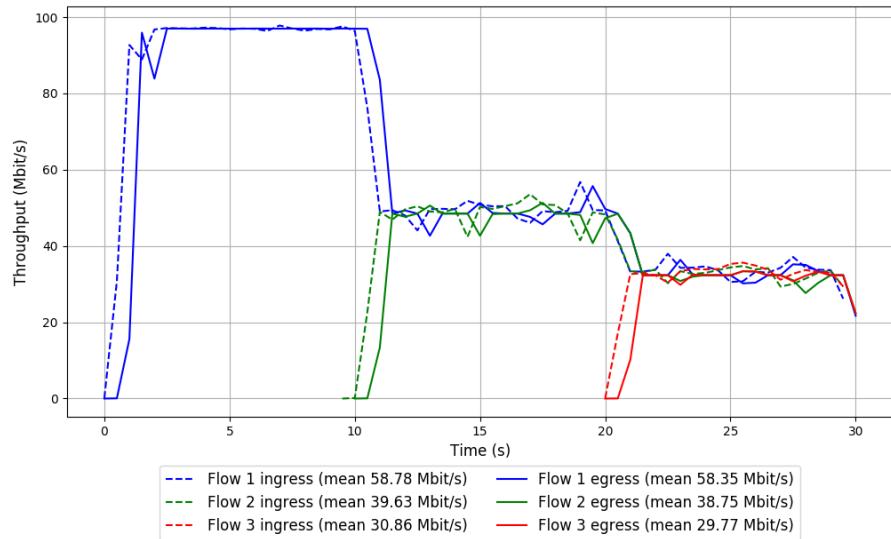


```
Run 1: Statistics of FillP

Start at: 2018-07-04 10:50:32
End at: 2018-07-04 10:51:02
Local clock offset: -2.431 ms
Remote clock offset: 10.755 ms

# Below is generated by plot.py at 2018-07-04 14:31:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.84 Mbit/s
95th percentile per-packet one-way delay: 108.646 ms
Loss rate: 2.23%
-- Flow 1:
Average throughput: 58.35 Mbit/s
95th percentile per-packet one-way delay: 107.190 ms
Loss rate: 1.31%
-- Flow 2:
Average throughput: 38.75 Mbit/s
95th percentile per-packet one-way delay: 109.057 ms
Loss rate: 3.11%
-- Flow 3:
Average throughput: 29.77 Mbit/s
95th percentile per-packet one-way delay: 109.905 ms
Loss rate: 5.26%
```

Run 1: Report of FillP — Data Link

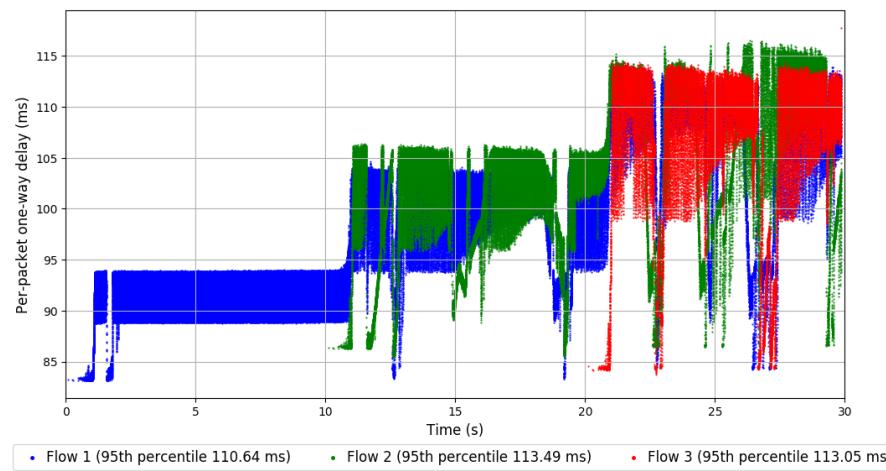
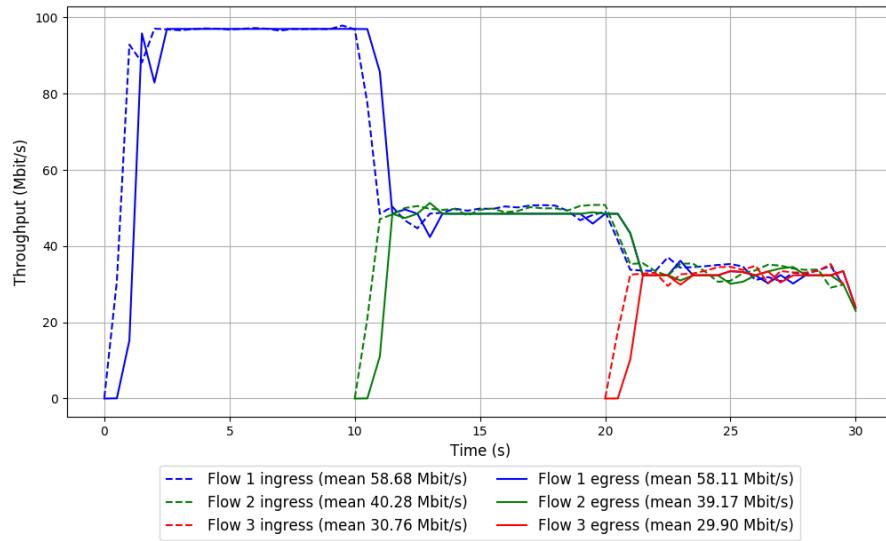


Run 2: Statistics of FillP

```
Start at: 2018-07-04 11:11:45
End at: 2018-07-04 11:12:15
Local clock offset: -3.472 ms
Remote clock offset: 11.55 ms

# Below is generated by plot.py at 2018-07-04 14:31:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.87 Mbit/s
95th percentile per-packet one-way delay: 112.380 ms
Loss rate: 2.42%
-- Flow 1:
Average throughput: 58.11 Mbit/s
95th percentile per-packet one-way delay: 110.645 ms
Loss rate: 1.54%
-- Flow 2:
Average throughput: 39.17 Mbit/s
95th percentile per-packet one-way delay: 113.494 ms
Loss rate: 3.58%
-- Flow 3:
Average throughput: 29.90 Mbit/s
95th percentile per-packet one-way delay: 113.049 ms
Loss rate: 4.44%
```

Run 2: Report of FillP — Data Link

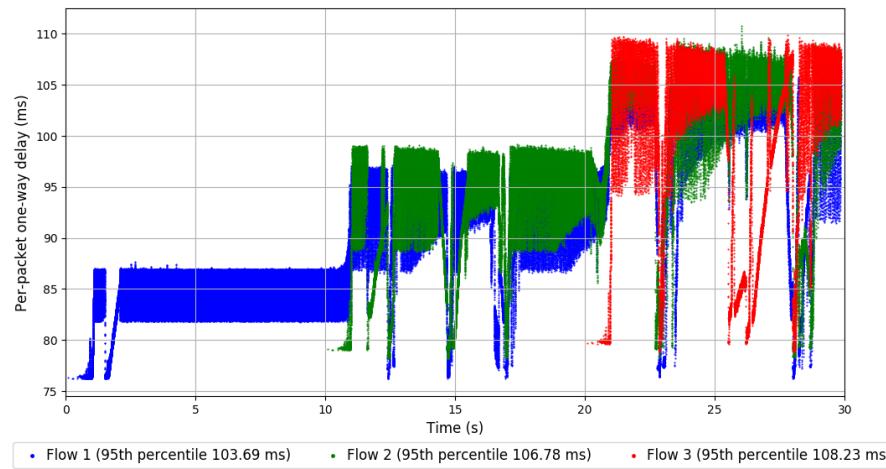
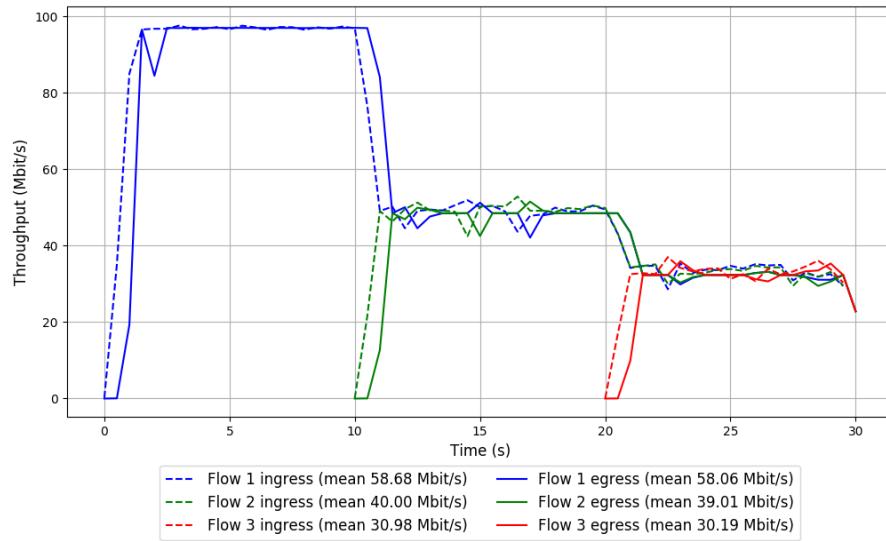


Run 3: Statistics of FillP

```
Start at: 2018-07-04 11:32:58
End at: 2018-07-04 11:33:28
Local clock offset: -7.667 ms
Remote clock offset: 16.752 ms

# Below is generated by plot.py at 2018-07-04 14:32:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.84 Mbit/s
95th percentile per-packet one-way delay: 106.243 ms
Loss rate: 2.40%
-- Flow 1:
Average throughput: 58.06 Mbit/s
95th percentile per-packet one-way delay: 103.695 ms
Loss rate: 1.63%
-- Flow 2:
Average throughput: 39.01 Mbit/s
95th percentile per-packet one-way delay: 106.781 ms
Loss rate: 3.32%
-- Flow 3:
Average throughput: 30.19 Mbit/s
95th percentile per-packet one-way delay: 108.232 ms
Loss rate: 4.36%
```

Run 3: Report of FillP — Data Link

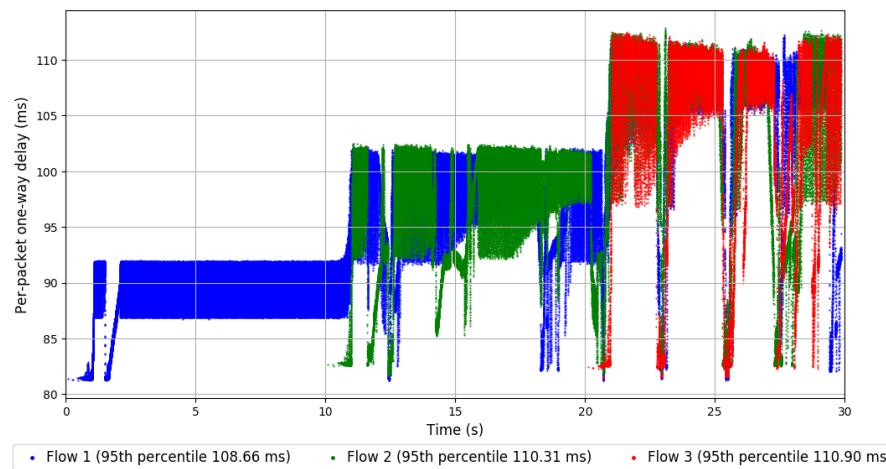
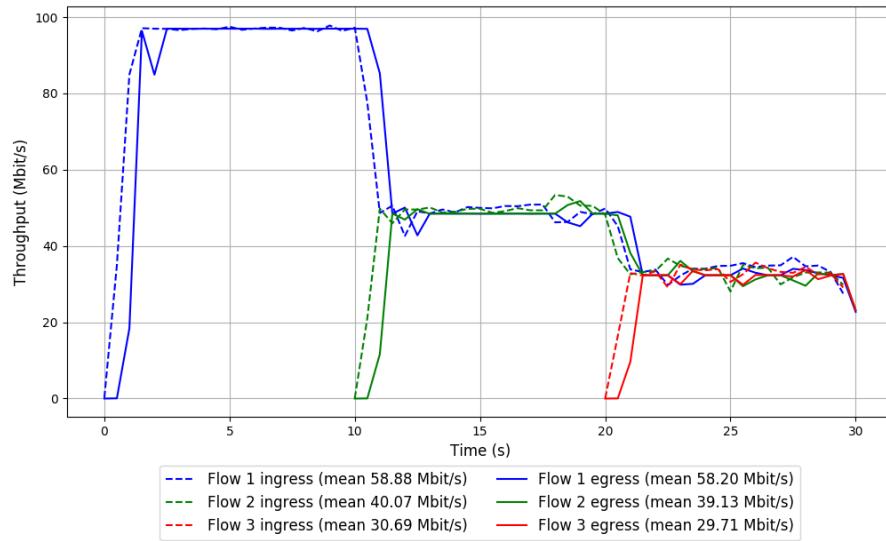


Run 4: Statistics of FillP

```
Start at: 2018-07-04 11:54:26
End at: 2018-07-04 11:54:56
Local clock offset: -2.572 ms
Remote clock offset: 12.282 ms

# Below is generated by plot.py at 2018-07-04 14:32:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.88 Mbit/s
95th percentile per-packet one-way delay: 109.732 ms
Loss rate: 2.47%
-- Flow 1:
Average throughput: 58.20 Mbit/s
95th percentile per-packet one-way delay: 108.655 ms
Loss rate: 1.71%
-- Flow 2:
Average throughput: 39.13 Mbit/s
95th percentile per-packet one-way delay: 110.311 ms
Loss rate: 3.22%
-- Flow 3:
Average throughput: 29.71 Mbit/s
95th percentile per-packet one-way delay: 110.901 ms
Loss rate: 4.89%
```

Run 4: Report of FillP — Data Link

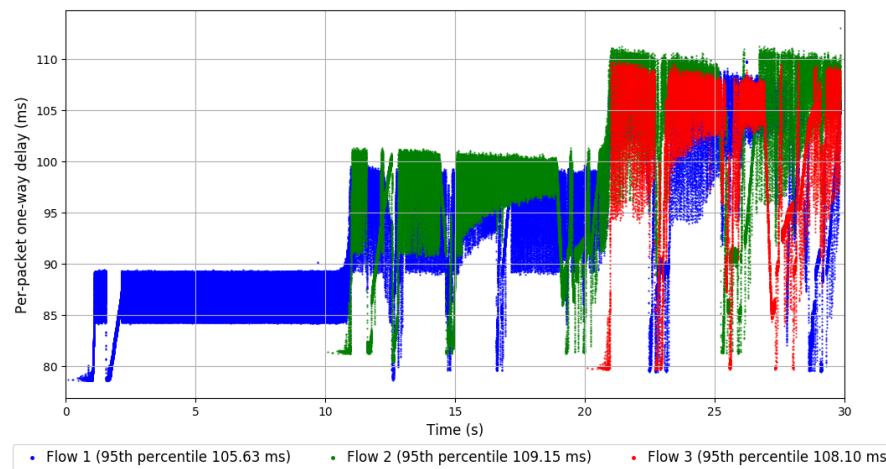
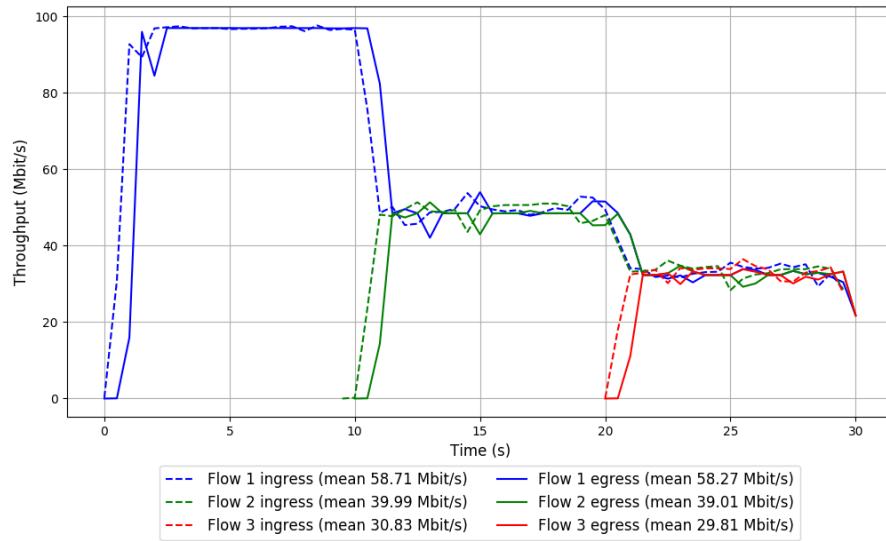


Run 5: Statistics of FillP

```
Start at: 2018-07-04 12:15:45
End at: 2018-07-04 12:16:15
Local clock offset: -1.941 ms
Remote clock offset: 5.974 ms

# Below is generated by plot.py at 2018-07-04 14:32:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.93 Mbit/s
95th percentile per-packet one-way delay: 107.675 ms
Loss rate: 2.27%
-- Flow 1:
Average throughput: 58.27 Mbit/s
95th percentile per-packet one-way delay: 105.630 ms
Loss rate: 1.34%
-- Flow 2:
Average throughput: 39.01 Mbit/s
95th percentile per-packet one-way delay: 109.153 ms
Loss rate: 3.27%
-- Flow 3:
Average throughput: 29.81 Mbit/s
95th percentile per-packet one-way delay: 108.100 ms
Loss rate: 5.03%
```

Run 5: Report of FillP — Data Link

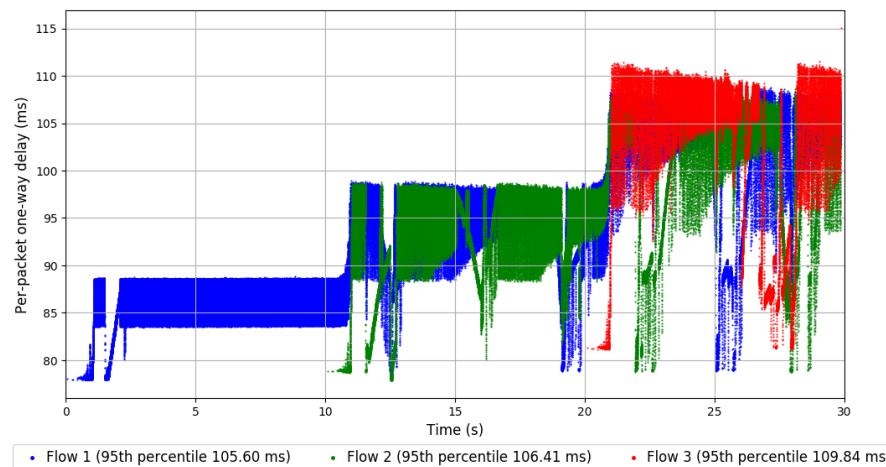
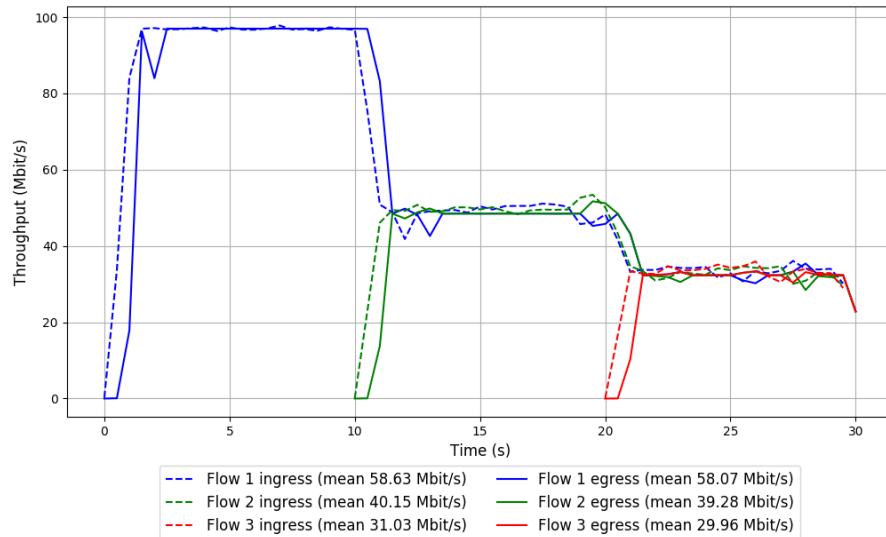


Run 6: Statistics of FillP

```
Start at: 2018-07-04 12:37:15
End at: 2018-07-04 12:37:45
Local clock offset: -2.655 ms
Remote clock offset: 7.647 ms

# Below is generated by plot.py at 2018-07-04 14:32:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.94 Mbit/s
95th percentile per-packet one-way delay: 107.171 ms
Loss rate: 2.35%
-- Flow 1:
Average throughput: 58.07 Mbit/s
95th percentile per-packet one-way delay: 105.603 ms
Loss rate: 1.54%
-- Flow 2:
Average throughput: 39.28 Mbit/s
95th percentile per-packet one-way delay: 106.408 ms
Loss rate: 3.09%
-- Flow 3:
Average throughput: 29.96 Mbit/s
95th percentile per-packet one-way delay: 109.845 ms
Loss rate: 5.08%
```

Run 6: Report of FillP — Data Link

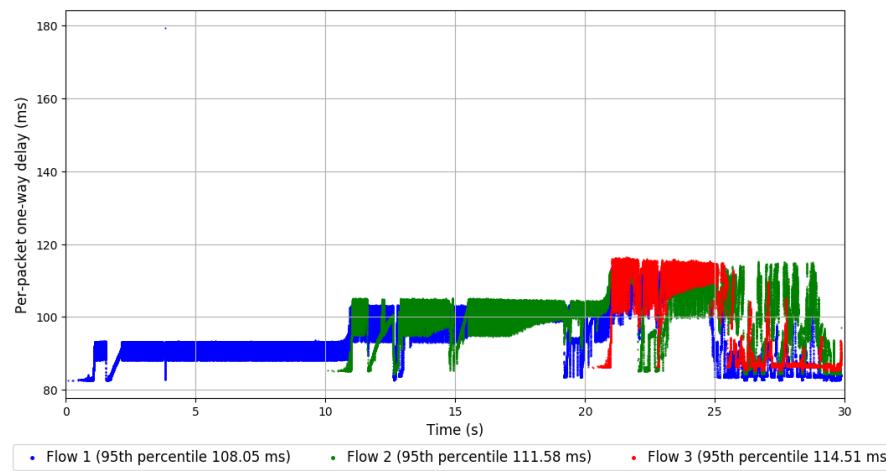
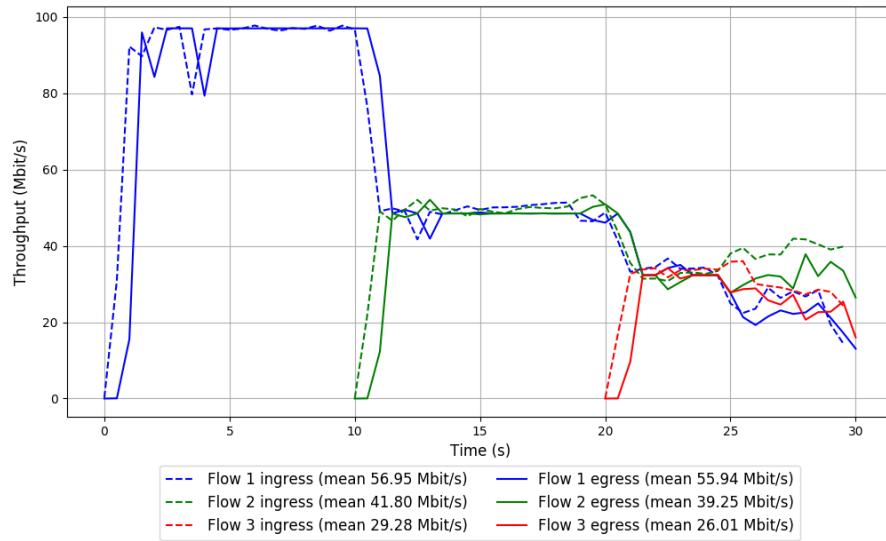


Run 7: Statistics of FillP

```
Start at: 2018-07-04 12:58:31
End at: 2018-07-04 12:59:01
Local clock offset: -2.4 ms
Remote clock offset: 3.676 ms

# Below is generated by plot.py at 2018-07-04 14:32:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.50 Mbit/s
95th percentile per-packet one-way delay: 111.274 ms
Loss rate: 4.73%
-- Flow 1:
Average throughput: 55.94 Mbit/s
95th percentile per-packet one-way delay: 108.051 ms
Loss rate: 2.33%
-- Flow 2:
Average throughput: 39.25 Mbit/s
95th percentile per-packet one-way delay: 111.575 ms
Loss rate: 6.86%
-- Flow 3:
Average throughput: 26.01 Mbit/s
95th percentile per-packet one-way delay: 114.510 ms
Loss rate: 12.72%
```

Run 7: Report of FillP — Data Link

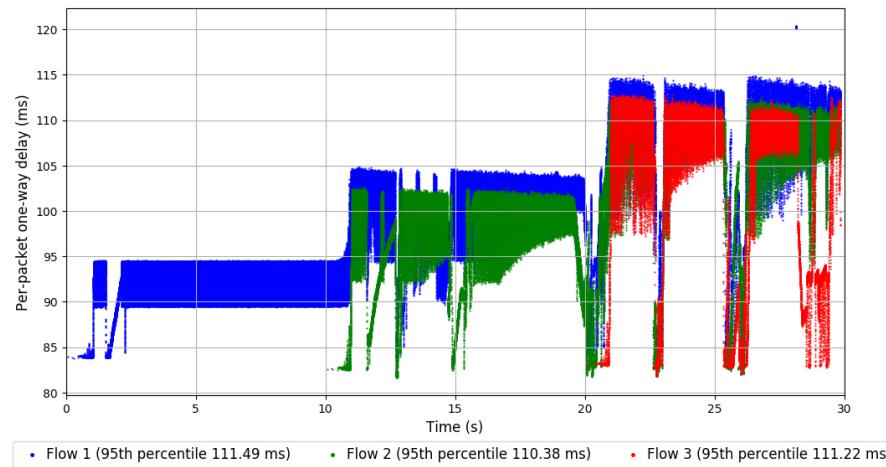
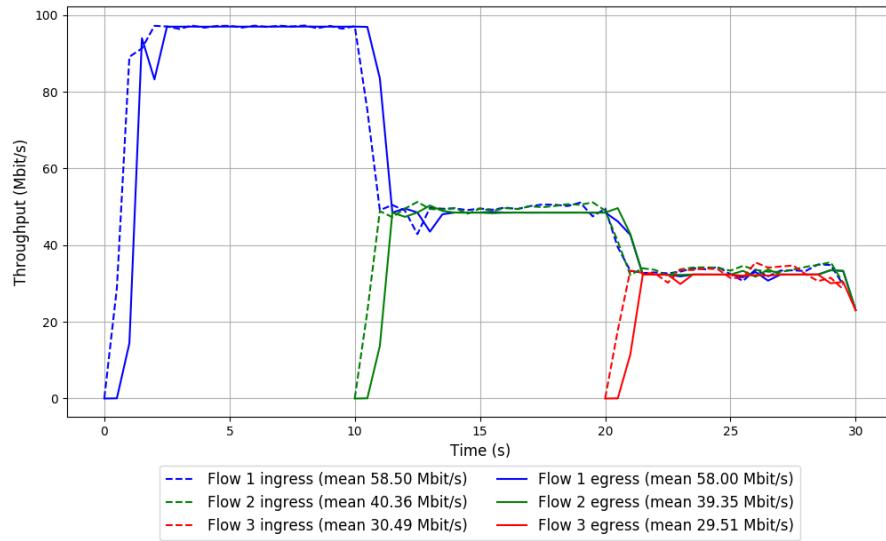


Run 8: Statistics of FillP

```
Start at: 2018-07-04 13:19:55
End at: 2018-07-04 13:20:25
Local clock offset: -5.626 ms
Remote clock offset: 3.801 ms

# Below is generated by plot.py at 2018-07-04 14:32:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.82 Mbit/s
95th percentile per-packet one-way delay: 110.990 ms
Loss rate: 2.34%
-- Flow 1:
Average throughput: 58.00 Mbit/s
95th percentile per-packet one-way delay: 111.488 ms
Loss rate: 1.44%
-- Flow 2:
Average throughput: 39.35 Mbit/s
95th percentile per-packet one-way delay: 110.379 ms
Loss rate: 3.35%
-- Flow 3:
Average throughput: 29.51 Mbit/s
95th percentile per-packet one-way delay: 111.219 ms
Loss rate: 4.87%
```

Run 8: Report of FillP — Data Link

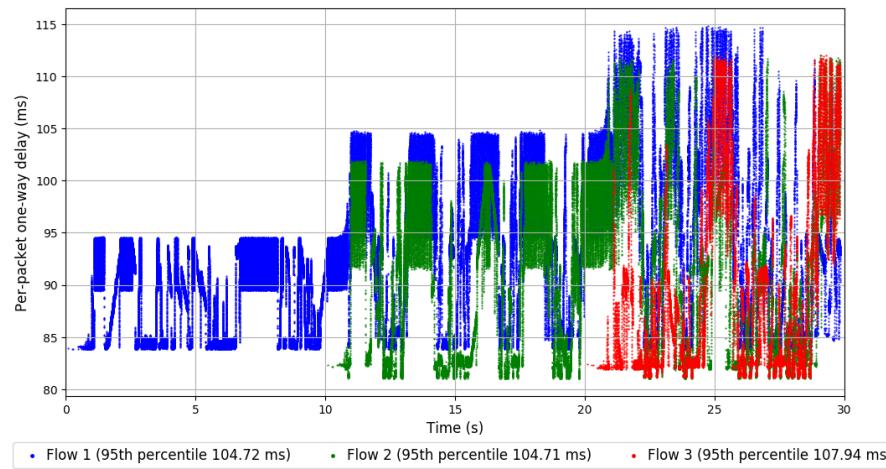
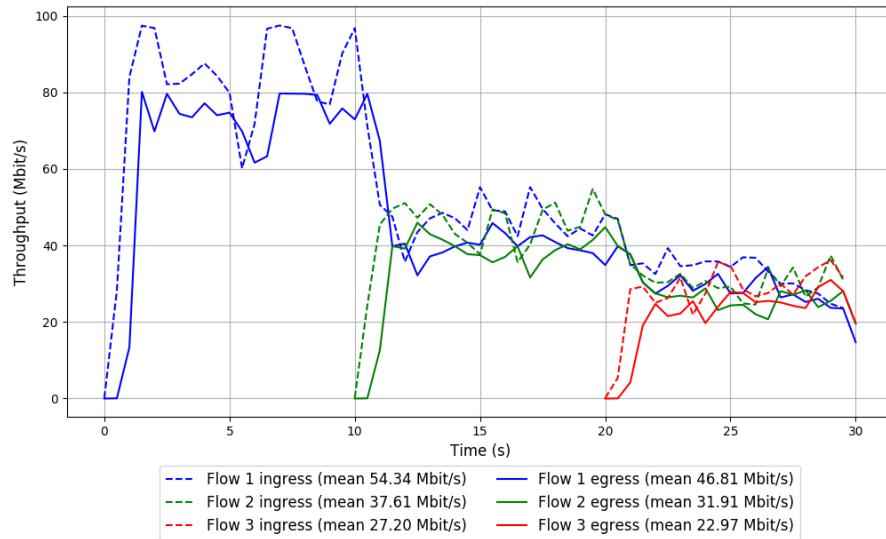


Run 9: Statistics of FillP

```
Start at: 2018-07-04 13:41:21
End at: 2018-07-04 13:41:51
Local clock offset: -7.237 ms
Remote clock offset: 5.995 ms

# Below is generated by plot.py at 2018-07-04 14:33:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 75.51 Mbit/s
95th percentile per-packet one-way delay: 105.360 ms
Loss rate: 15.08%
-- Flow 1:
Average throughput: 46.81 Mbit/s
95th percentile per-packet one-way delay: 104.716 ms
Loss rate: 14.35%
-- Flow 2:
Average throughput: 31.91 Mbit/s
95th percentile per-packet one-way delay: 104.713 ms
Loss rate: 15.94%
-- Flow 3:
Average throughput: 22.97 Mbit/s
95th percentile per-packet one-way delay: 107.936 ms
Loss rate: 17.08%
```

Run 9: Report of FillP — Data Link

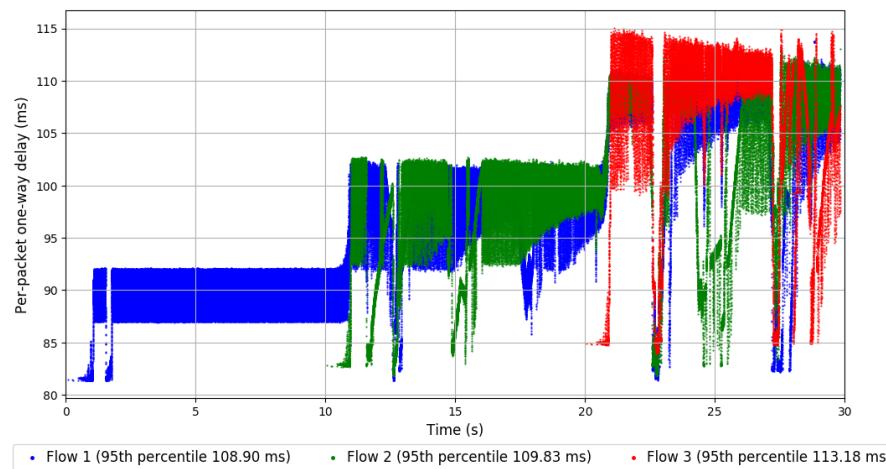
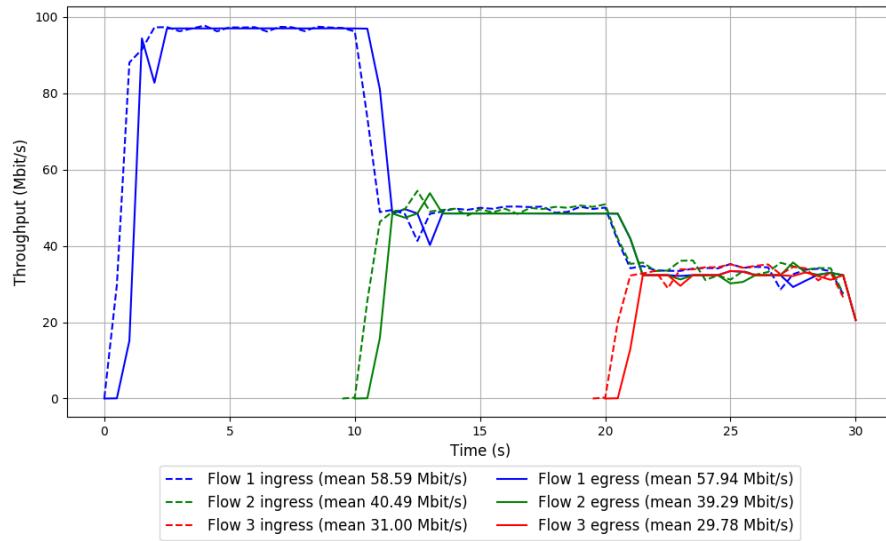


Run 10: Statistics of FillP

```
Start at: 2018-07-04 14:02:58
End at: 2018-07-04 14:03:28
Local clock offset: -2.465 ms
Remote clock offset: 11.77 ms

# Below is generated by plot.py at 2018-07-04 14:33:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.81 Mbit/s
95th percentile per-packet one-way delay: 110.537 ms
Loss rate: 2.70%
-- Flow 1:
Average throughput: 57.94 Mbit/s
95th percentile per-packet one-way delay: 108.896 ms
Loss rate: 1.70%
-- Flow 2:
Average throughput: 39.29 Mbit/s
95th percentile per-packet one-way delay: 109.830 ms
Loss rate: 3.81%
-- Flow 3:
Average throughput: 29.78 Mbit/s
95th percentile per-packet one-way delay: 113.183 ms
Loss rate: 5.50%
```

Run 10: Report of FillP — Data Link

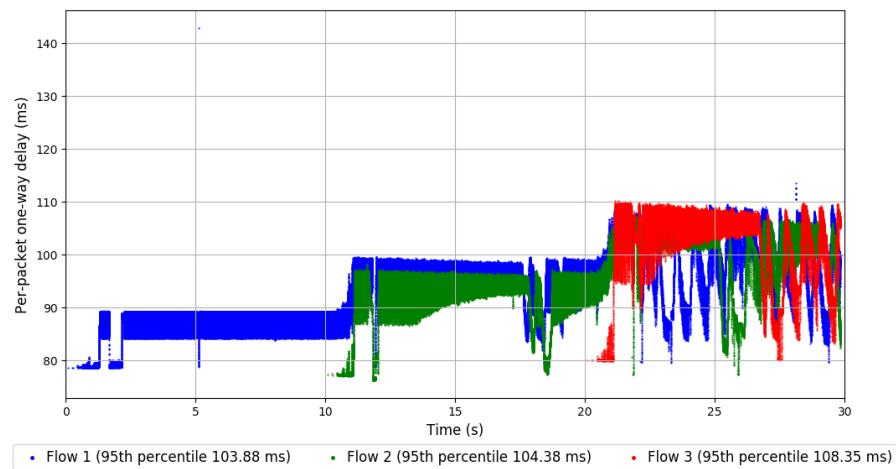
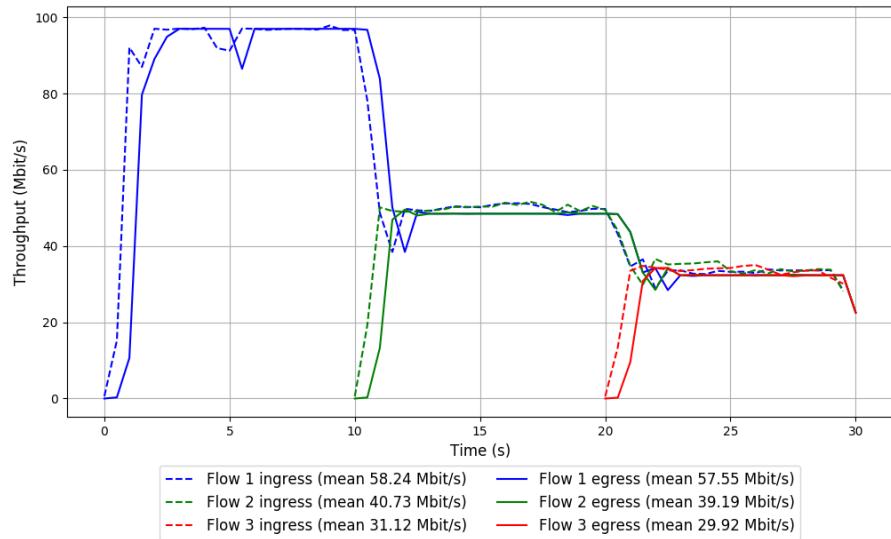


Run 1: Statistics of FillP-Sheep

```
Start at: 2018-07-04 11:06:42
End at: 2018-07-04 11:07:12
Local clock offset: -2.665 ms
Remote clock offset: 16.823 ms

# Below is generated by plot.py at 2018-07-04 14:33:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.36 Mbit/s
95th percentile per-packet one-way delay: 106.050 ms
Loss rate: 2.95%
-- Flow 1:
Average throughput: 57.55 Mbit/s
95th percentile per-packet one-way delay: 103.879 ms
Loss rate: 1.74%
-- Flow 2:
Average throughput: 39.19 Mbit/s
95th percentile per-packet one-way delay: 104.381 ms
Loss rate: 4.58%
-- Flow 3:
Average throughput: 29.92 Mbit/s
95th percentile per-packet one-way delay: 108.348 ms
Loss rate: 5.50%
```

Run 1: Report of FillP-Sheep — Data Link

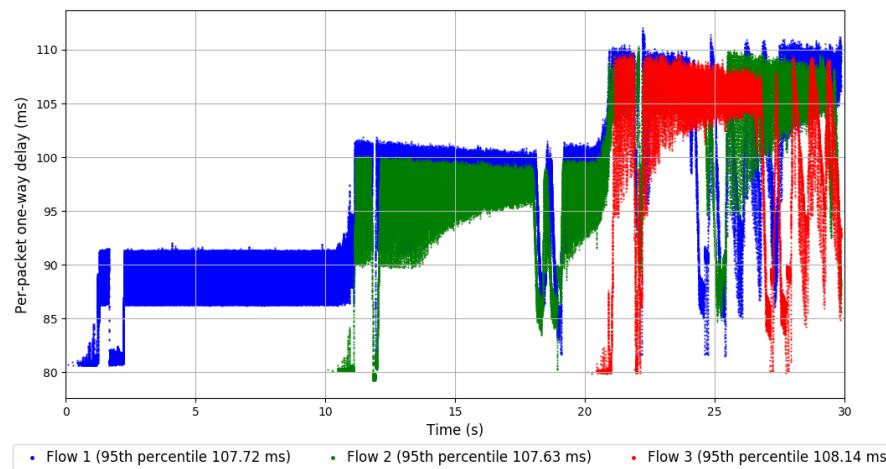
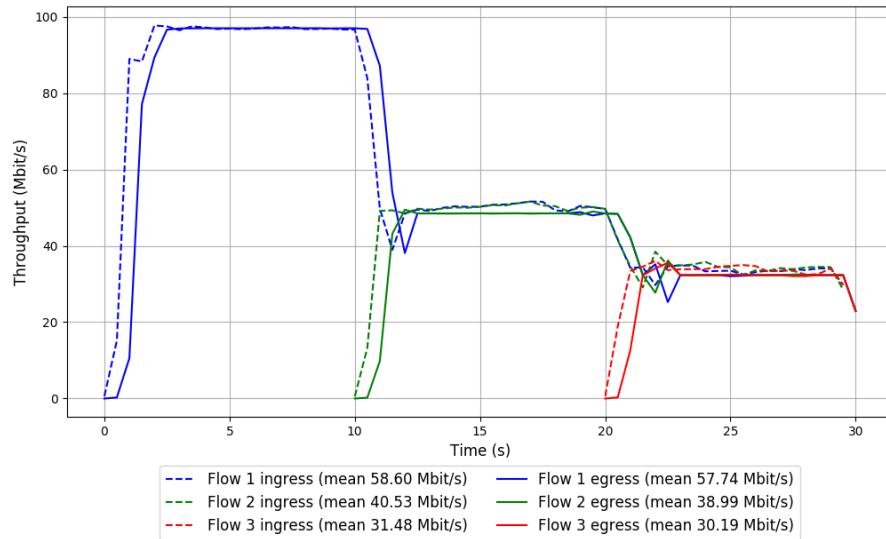


Run 2: Statistics of FillP-Sheep

```
Start at: 2018-07-04 11:27:54
End at: 2018-07-04 11:28:24
Local clock offset: -7.161 ms
Remote clock offset: 15.002 ms

# Below is generated by plot.py at 2018-07-04 14:33:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.53 Mbit/s
95th percentile per-packet one-way delay: 107.782 ms
Loss rate: 3.16%
-- Flow 1:
Average throughput: 57.74 Mbit/s
95th percentile per-packet one-way delay: 107.716 ms
Loss rate: 2.01%
-- Flow 2:
Average throughput: 38.99 Mbit/s
95th percentile per-packet one-way delay: 107.632 ms
Loss rate: 4.62%
-- Flow 3:
Average throughput: 30.19 Mbit/s
95th percentile per-packet one-way delay: 108.136 ms
Loss rate: 5.86%
```

Run 2: Report of FillP-Sheep — Data Link

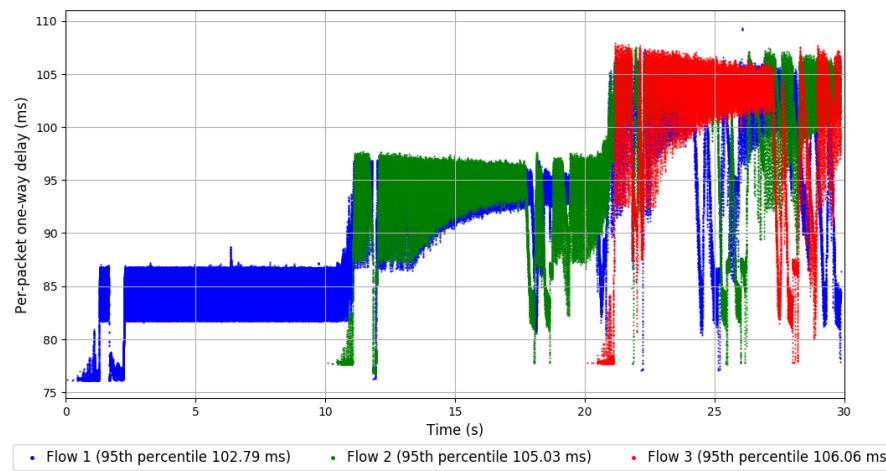
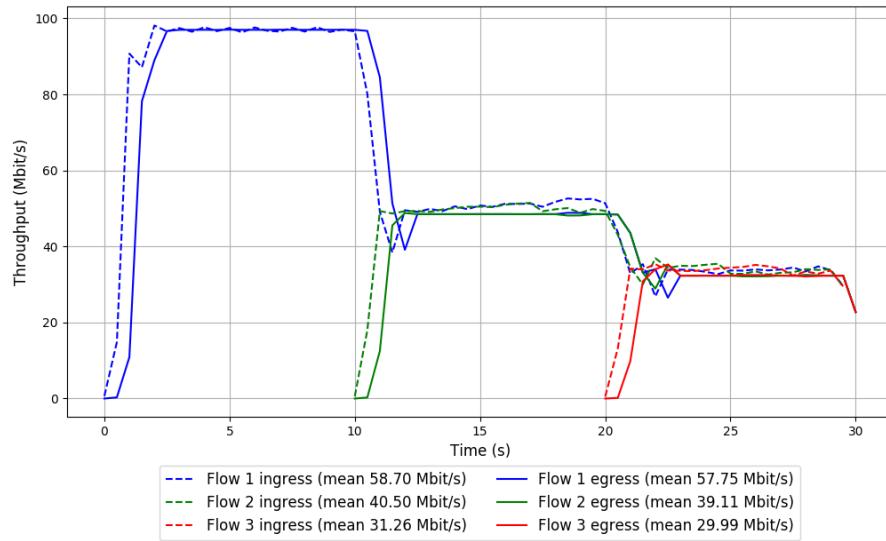


Run 3: Statistics of FillP-Sheep

```
Start at: 2018-07-04 11:49:20
End at: 2018-07-04 11:49:50
Local clock offset: -3.774 ms
Remote clock offset: 16.944 ms

# Below is generated by plot.py at 2018-07-04 14:33:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.54 Mbit/s
95th percentile per-packet one-way delay: 104.730 ms
Loss rate: 3.13%
-- Flow 1:
Average throughput: 57.75 Mbit/s
95th percentile per-packet one-way delay: 102.792 ms
Loss rate: 2.17%
-- Flow 2:
Average throughput: 39.11 Mbit/s
95th percentile per-packet one-way delay: 105.034 ms
Loss rate: 4.22%
-- Flow 3:
Average throughput: 29.99 Mbit/s
95th percentile per-packet one-way delay: 106.060 ms
Loss rate: 5.70%
```

Run 3: Report of FillP-Sheep — Data Link

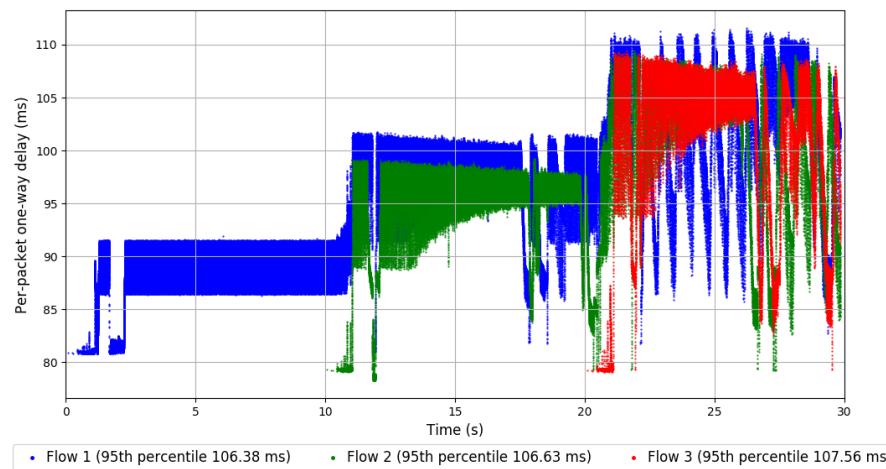
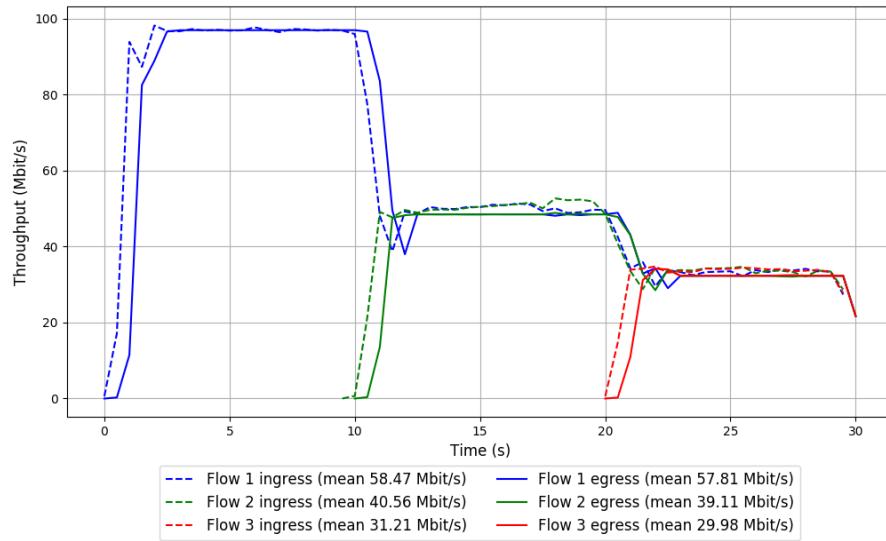


Run 4: Statistics of FillP-Sheep

```
Start at: 2018-07-04 12:10:41
End at: 2018-07-04 12:11:11
Local clock offset: -1.155 ms
Remote clock offset: 6.675 ms

# Below is generated by plot.py at 2018-07-04 14:33:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.62 Mbit/s
95th percentile per-packet one-way delay: 106.902 ms
Loss rate: 2.88%
-- Flow 1:
Average throughput: 57.81 Mbit/s
95th percentile per-packet one-way delay: 106.382 ms
Loss rate: 1.70%
-- Flow 2:
Average throughput: 39.11 Mbit/s
95th percentile per-packet one-way delay: 106.630 ms
Loss rate: 4.40%
-- Flow 3:
Average throughput: 29.98 Mbit/s
95th percentile per-packet one-way delay: 107.555 ms
Loss rate: 5.58%
```

Run 4: Report of FillP-Sheep — Data Link

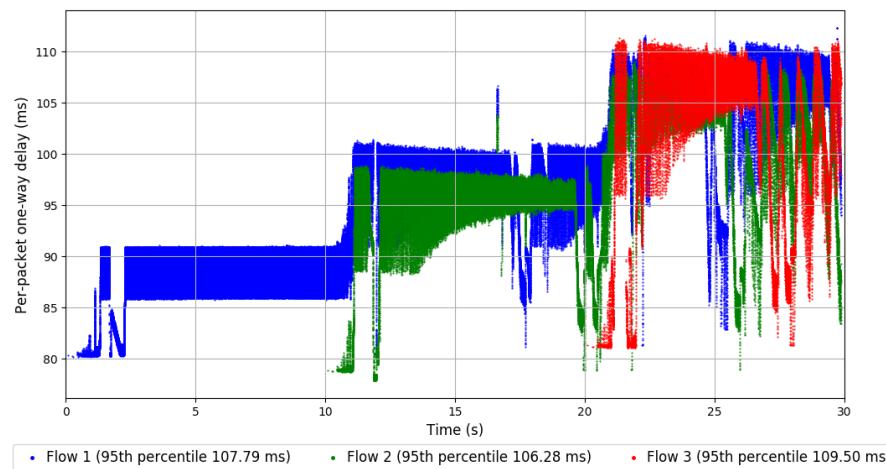
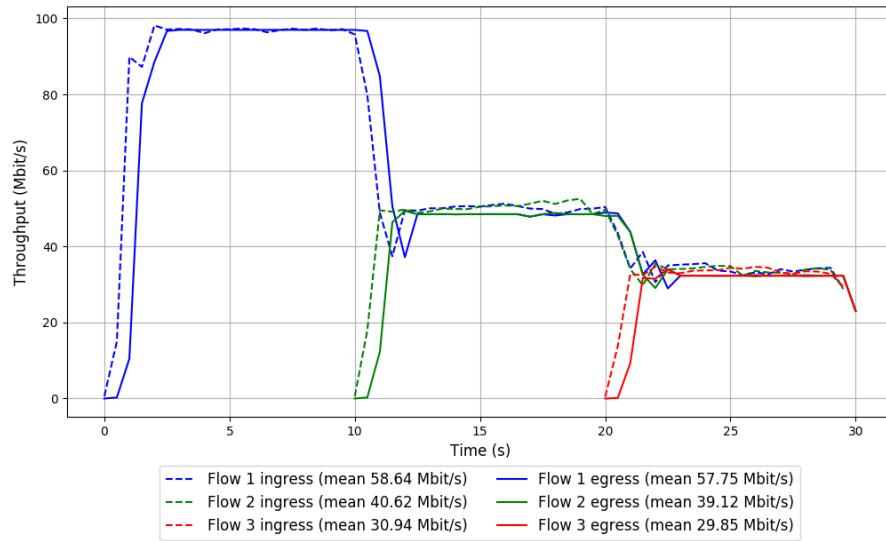


Run 5: Statistics of FillP-Sheep

```
Start at: 2018-07-04 12:32:10
End at: 2018-07-04 12:32:40
Local clock offset: -2.632 ms
Remote clock offset: 6.444 ms

# Below is generated by plot.py at 2018-07-04 14:33:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.48 Mbit/s
95th percentile per-packet one-way delay: 107.956 ms
Loss rate: 3.08%
-- Flow 1:
Average throughput: 57.75 Mbit/s
95th percentile per-packet one-way delay: 107.786 ms
Loss rate: 2.05%
-- Flow 2:
Average throughput: 39.12 Mbit/s
95th percentile per-packet one-way delay: 106.278 ms
Loss rate: 4.50%
-- Flow 3:
Average throughput: 29.85 Mbit/s
95th percentile per-packet one-way delay: 109.500 ms
Loss rate: 5.19%
```

Run 5: Report of FillP-Sheep — Data Link

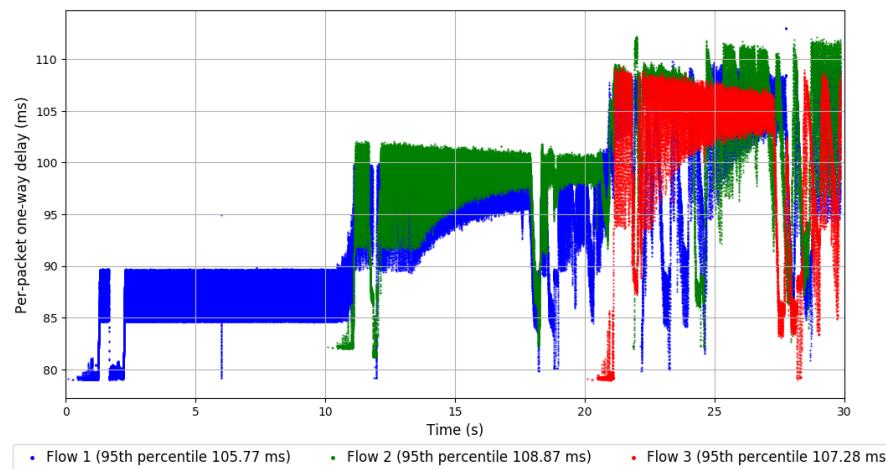
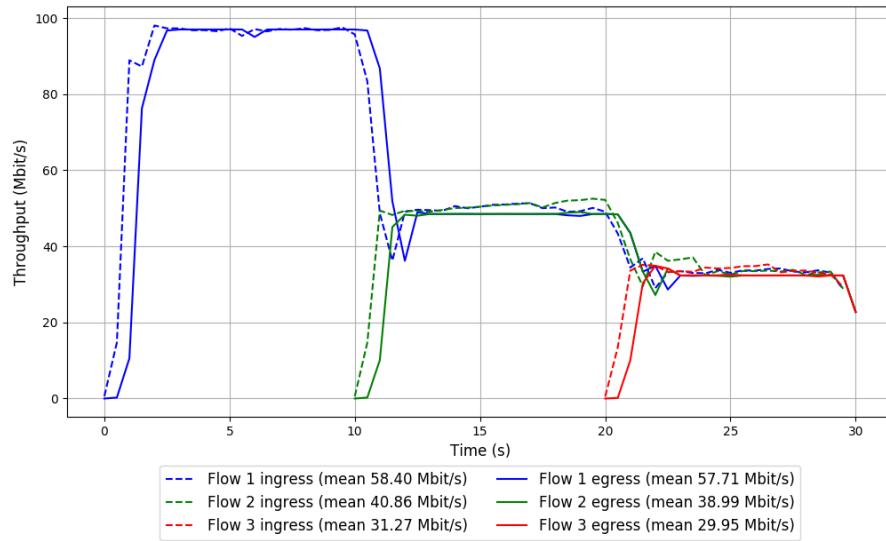


Run 6: Statistics of FillP-Sheep

```
Start at: 2018-07-04 12:53:26
End at: 2018-07-04 12:53:56
Local clock offset: -2.538 ms
Remote clock offset: 7.569 ms

# Below is generated by plot.py at 2018-07-04 14:34:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.42 Mbit/s
95th percentile per-packet one-way delay: 107.532 ms
Loss rate: 3.22%
-- Flow 1:
Average throughput: 57.71 Mbit/s
95th percentile per-packet one-way delay: 105.771 ms
Loss rate: 1.75%
-- Flow 2:
Average throughput: 38.99 Mbit/s
95th percentile per-packet one-way delay: 108.873 ms
Loss rate: 5.41%
-- Flow 3:
Average throughput: 29.95 Mbit/s
95th percentile per-packet one-way delay: 107.280 ms
Loss rate: 5.78%
```

Run 6: Report of FillP-Sheep — Data Link

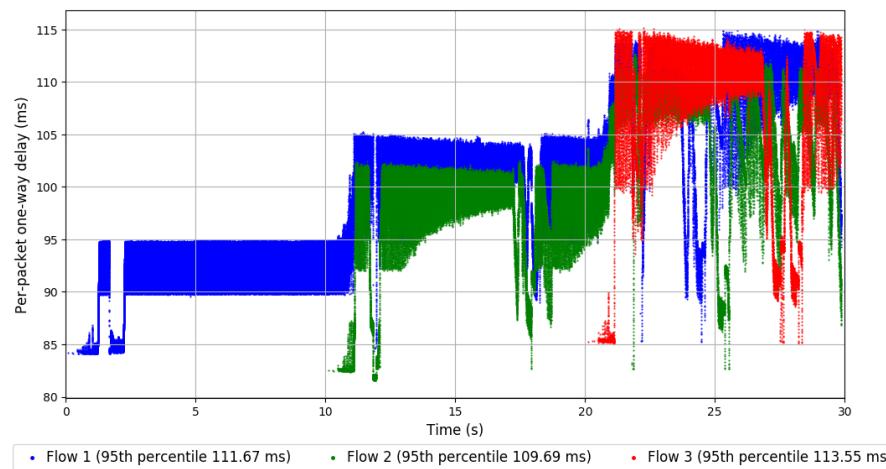
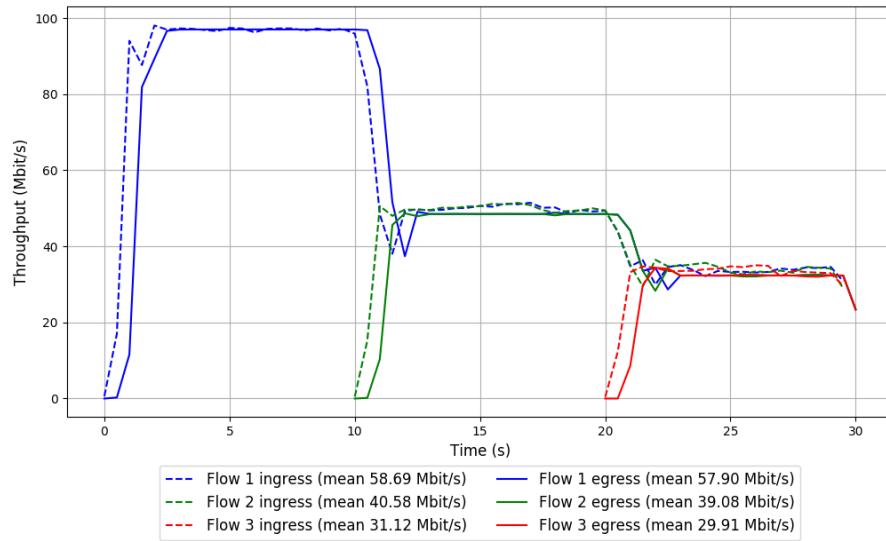


Run 7: Statistics of FillP-Sheep

```
Start at: 2018-07-04 13:14:50
End at: 2018-07-04 13:15:20
Local clock offset: -4.36 ms
Remote clock offset: 3.881 ms

# Below is generated by plot.py at 2018-07-04 14:34:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.60 Mbit/s
95th percentile per-packet one-way delay: 111.982 ms
Loss rate: 3.04%
-- Flow 1:
Average throughput: 57.90 Mbit/s
95th percentile per-packet one-way delay: 111.674 ms
Loss rate: 1.91%
-- Flow 2:
Average throughput: 39.08 Mbit/s
95th percentile per-packet one-way delay: 109.693 ms
Loss rate: 4.49%
-- Flow 3:
Average throughput: 29.91 Mbit/s
95th percentile per-packet one-way delay: 113.551 ms
Loss rate: 5.63%
```

Run 7: Report of FillP-Sheep — Data Link

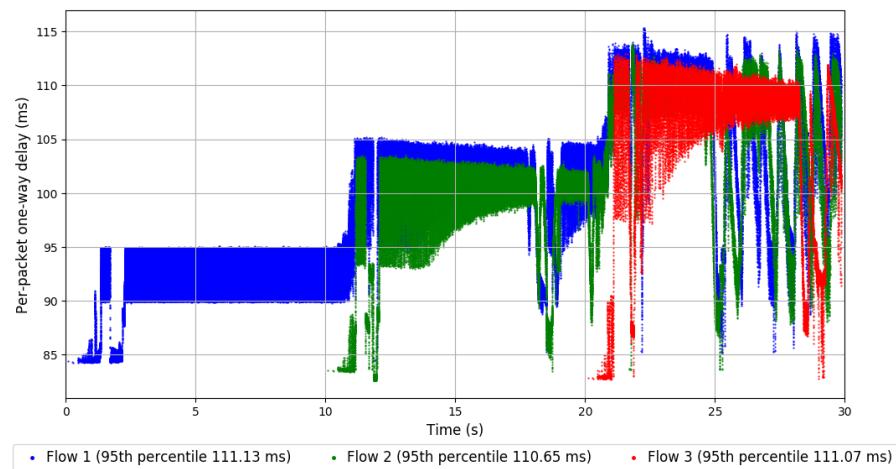
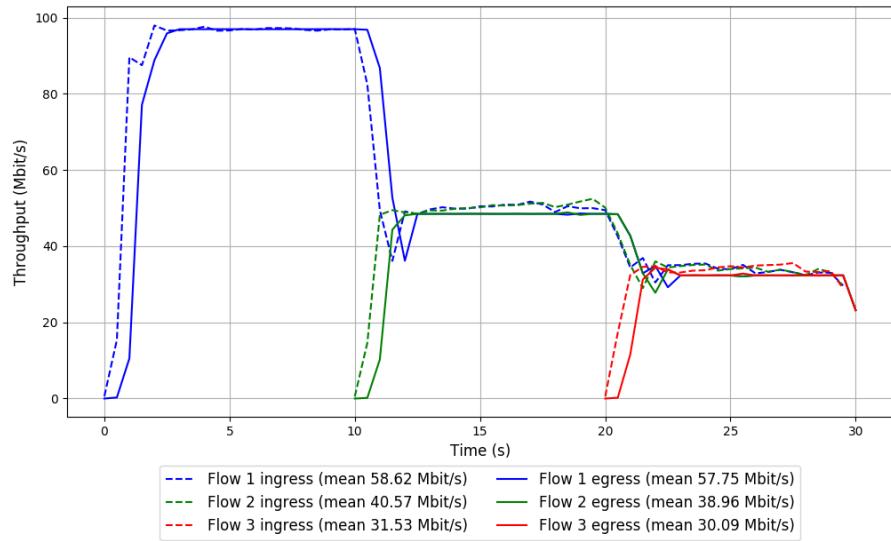


Run 8: Statistics of FillP-Sheep

```
Start at: 2018-07-04 13:36:07
End at: 2018-07-04 13:36:37
Local clock offset: -7.589 ms
Remote clock offset: 2.134 ms

# Below is generated by plot.py at 2018-07-04 14:34:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.47 Mbit/s
95th percentile per-packet one-way delay: 110.928 ms
Loss rate: 3.27%
-- Flow 1:
Average throughput: 57.75 Mbit/s
95th percentile per-packet one-way delay: 111.131 ms
Loss rate: 2.05%
-- Flow 2:
Average throughput: 38.96 Mbit/s
95th percentile per-packet one-way delay: 110.648 ms
Loss rate: 4.80%
-- Flow 3:
Average throughput: 30.09 Mbit/s
95th percentile per-packet one-way delay: 111.070 ms
Loss rate: 6.20%
```

Run 8: Report of FillP-Sheep — Data Link

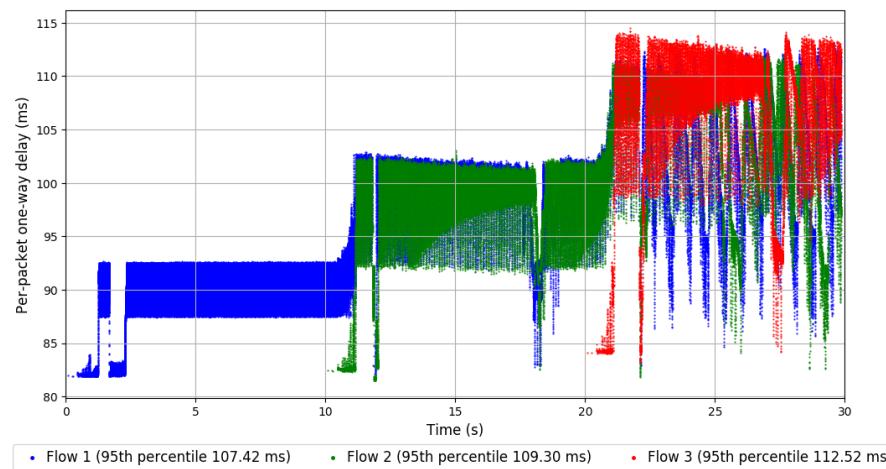
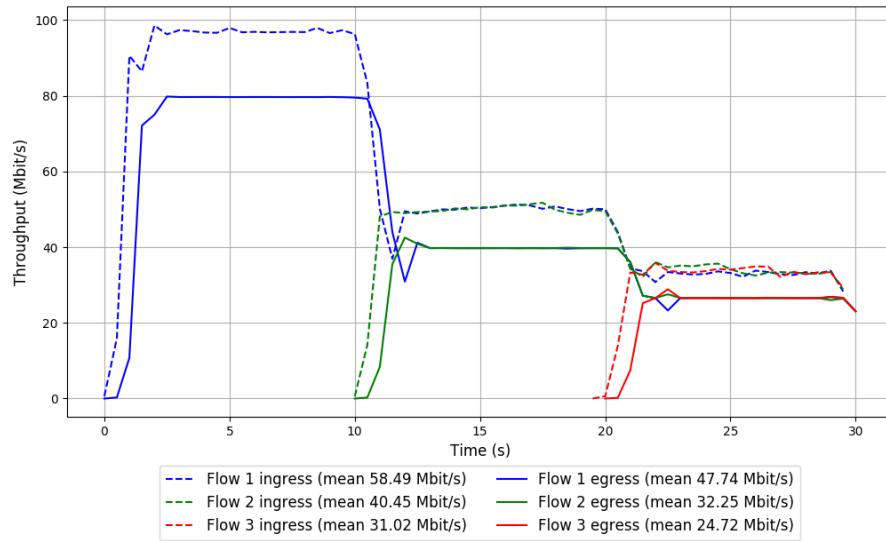


Run 9: Statistics of FillP-Sheep

```
Start at: 2018-07-04 13:57:52
End at: 2018-07-04 13:58:22
Local clock offset: -2.9 ms
Remote clock offset: 10.995 ms

# Below is generated by plot.py at 2018-07-04 14:34:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.25 Mbit/s
95th percentile per-packet one-way delay: 110.053 ms
Loss rate: 19.72%
-- Flow 1:
Average throughput: 47.74 Mbit/s
95th percentile per-packet one-way delay: 107.417 ms
Loss rate: 18.81%
-- Flow 2:
Average throughput: 32.25 Mbit/s
95th percentile per-packet one-way delay: 109.299 ms
Loss rate: 20.93%
-- Flow 3:
Average throughput: 24.72 Mbit/s
95th percentile per-packet one-way delay: 112.523 ms
Loss rate: 21.73%
```

Run 9: Report of FillP-Sheep — Data Link

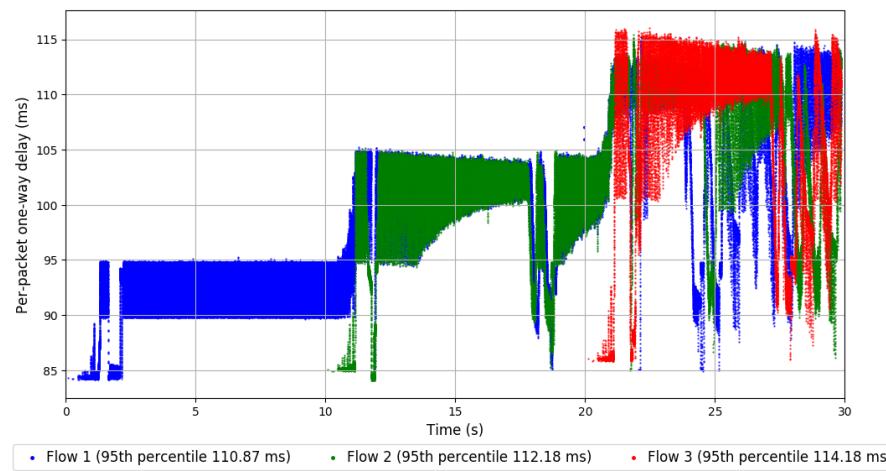
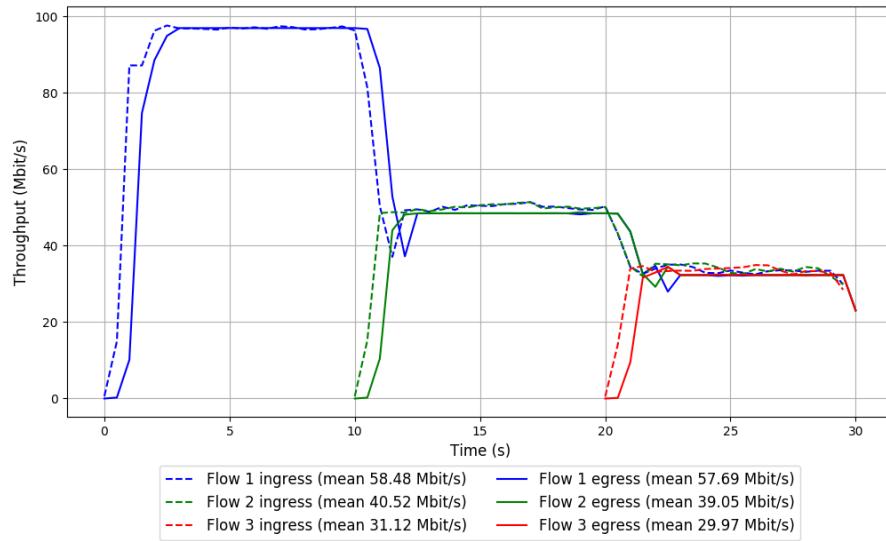


Run 10: Statistics of FillP-Sheep

```
Start at: 2018-07-04 14:19:10
End at: 2018-07-04 14:19:40
Local clock offset: -2.579 ms
Remote clock offset: 6.873 ms

# Below is generated by plot.py at 2018-07-04 14:34:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.42 Mbit/s
95th percentile per-packet one-way delay: 112.341 ms
Loss rate: 2.99%
-- Flow 1:
Average throughput: 57.69 Mbit/s
95th percentile per-packet one-way delay: 110.867 ms
Loss rate: 1.91%
-- Flow 2:
Average throughput: 39.05 Mbit/s
95th percentile per-packet one-way delay: 112.182 ms
Loss rate: 4.45%
-- Flow 3:
Average throughput: 29.97 Mbit/s
95th percentile per-packet one-way delay: 114.177 ms
Loss rate: 5.30%
```

Run 10: Report of FillP-Sheep — Data Link

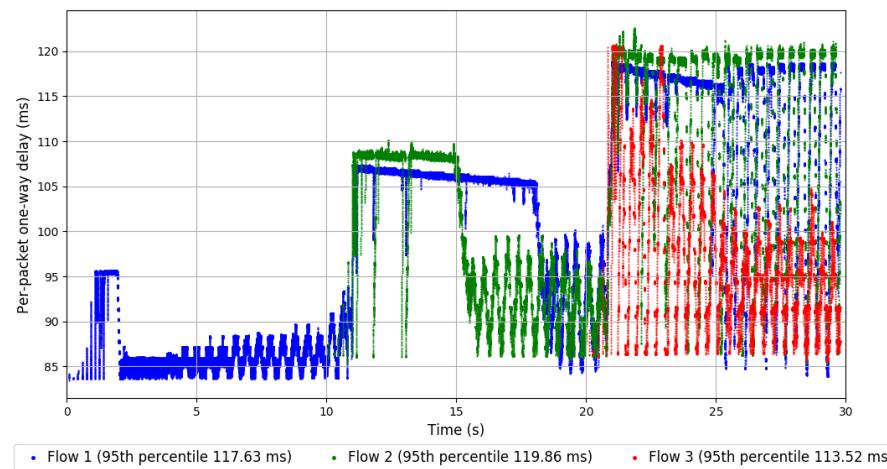
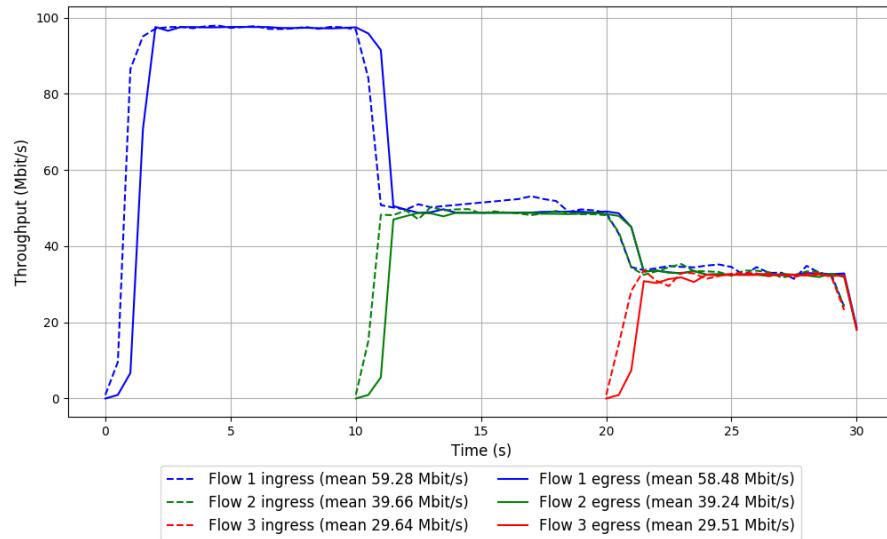


Run 1: Statistics of Indigo

```
Start at: 2018-07-04 11:10:28
End at: 2018-07-04 11:10:58
Local clock offset: -2.835 ms
Remote clock offset: 11.231 ms

# Below is generated by plot.py at 2018-07-04 14:34:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.10 Mbit/s
95th percentile per-packet one-way delay: 118.911 ms
Loss rate: 1.92%
-- Flow 1:
Average throughput: 58.48 Mbit/s
95th percentile per-packet one-way delay: 117.626 ms
Loss rate: 1.86%
-- Flow 2:
Average throughput: 39.24 Mbit/s
95th percentile per-packet one-way delay: 119.862 ms
Loss rate: 1.95%
-- Flow 3:
Average throughput: 29.51 Mbit/s
95th percentile per-packet one-way delay: 113.519 ms
Loss rate: 2.15%
```

Run 1: Report of Indigo — Data Link

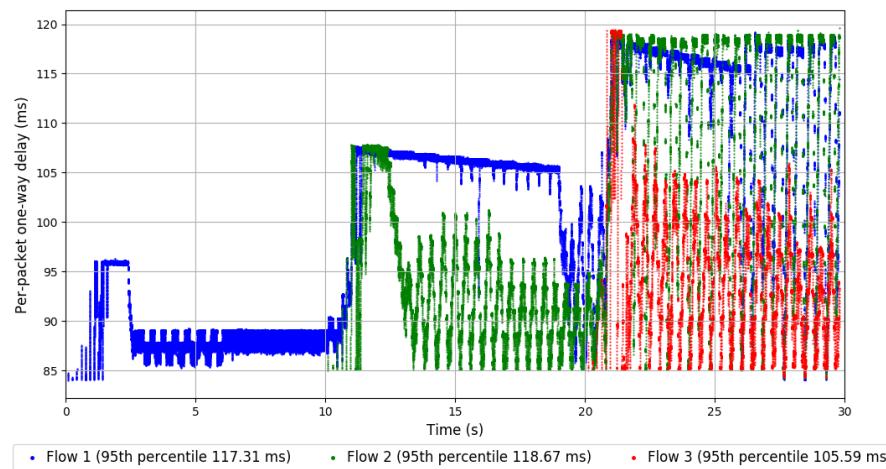
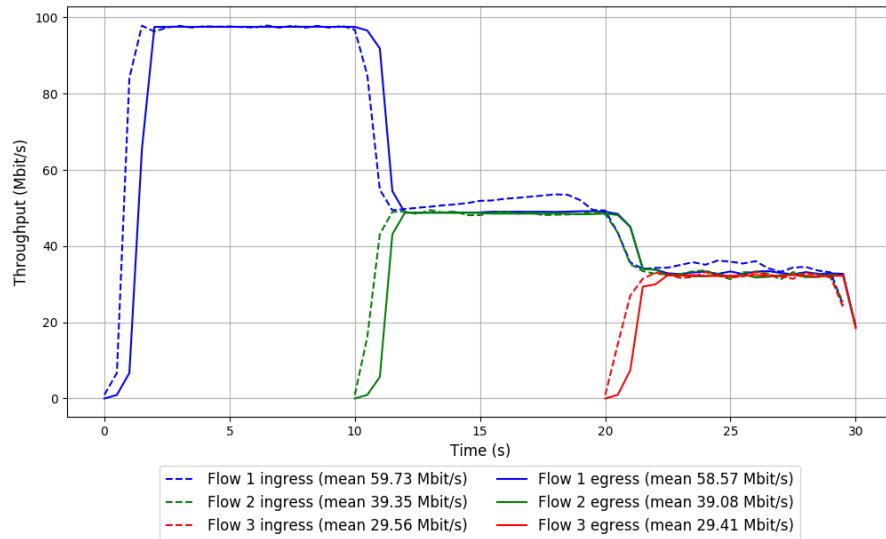


Run 2: Statistics of Indigo

```
Start at: 2018-07-04 11:31:40
End at: 2018-07-04 11:32:10
Local clock offset: -7.557 ms
Remote clock offset: 11.759 ms

# Below is generated by plot.py at 2018-07-04 14:34:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.06 Mbit/s
95th percentile per-packet one-way delay: 118.047 ms
Loss rate: 2.20%
-- Flow 1:
Average throughput: 58.57 Mbit/s
95th percentile per-packet one-way delay: 117.314 ms
Loss rate: 2.51%
-- Flow 2:
Average throughput: 39.08 Mbit/s
95th percentile per-packet one-way delay: 118.671 ms
Loss rate: 1.52%
-- Flow 3:
Average throughput: 29.41 Mbit/s
95th percentile per-packet one-way delay: 105.594 ms
Loss rate: 2.17%
```

Run 2: Report of Indigo — Data Link

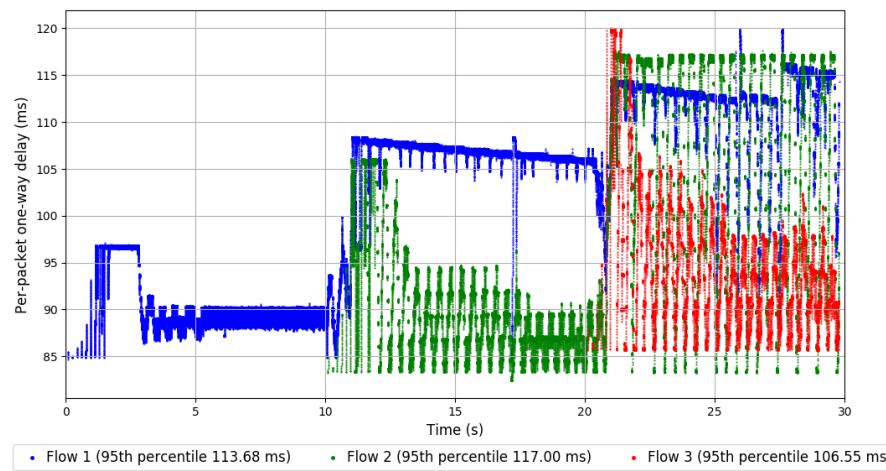
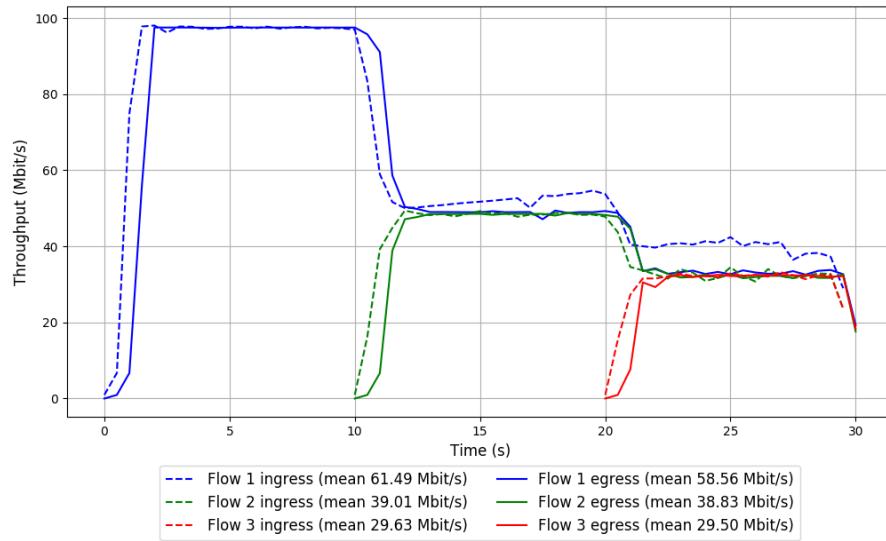


Run 3: Statistics of Indigo

```
Start at: 2018-07-04 11:53:08
End at: 2018-07-04 11:53:38
Local clock offset: -2.879 ms
Remote clock offset: 11.143 ms

# Below is generated by plot.py at 2018-07-04 14:35:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.90 Mbit/s
95th percentile per-packet one-way delay: 115.723 ms
Loss rate: 3.93%
-- Flow 1:
Average throughput: 58.56 Mbit/s
95th percentile per-packet one-way delay: 113.678 ms
Loss rate: 5.33%
-- Flow 2:
Average throughput: 38.83 Mbit/s
95th percentile per-packet one-way delay: 116.997 ms
Loss rate: 1.30%
-- Flow 3:
Average throughput: 29.50 Mbit/s
95th percentile per-packet one-way delay: 106.547 ms
Loss rate: 2.12%
```

Run 3: Report of Indigo — Data Link

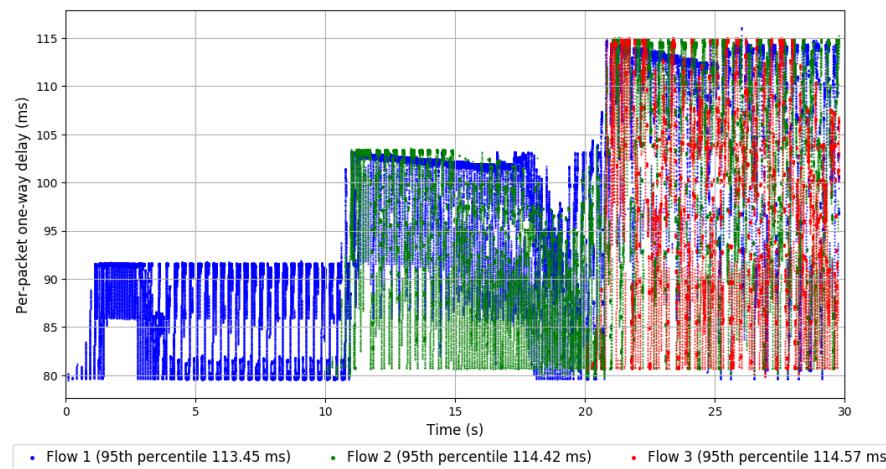
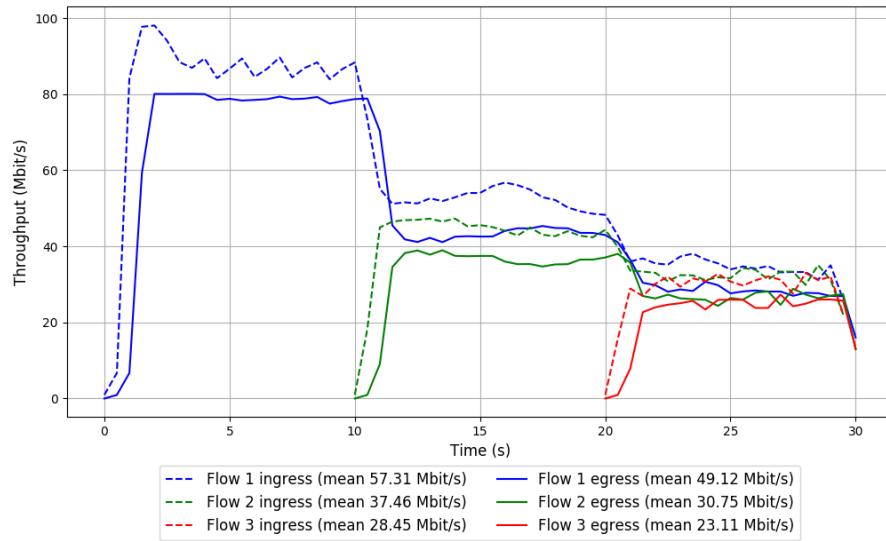


Run 4: Statistics of Indigo

```
Start at: 2018-07-04 12:14:28
End at: 2018-07-04 12:14:58
Local clock offset: -1.748 ms
Remote clock offset: 7.004 ms

# Below is generated by plot.py at 2018-07-04 14:35:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.04 Mbit/s
95th percentile per-packet one-way delay: 113.866 ms
Loss rate: 16.37%
-- Flow 1:
Average throughput: 49.12 Mbit/s
95th percentile per-packet one-way delay: 113.452 ms
Loss rate: 14.79%
-- Flow 2:
Average throughput: 30.75 Mbit/s
95th percentile per-packet one-way delay: 114.415 ms
Loss rate: 18.60%
-- Flow 3:
Average throughput: 23.11 Mbit/s
95th percentile per-packet one-way delay: 114.574 ms
Loss rate: 20.15%
```

Run 4: Report of Indigo — Data Link

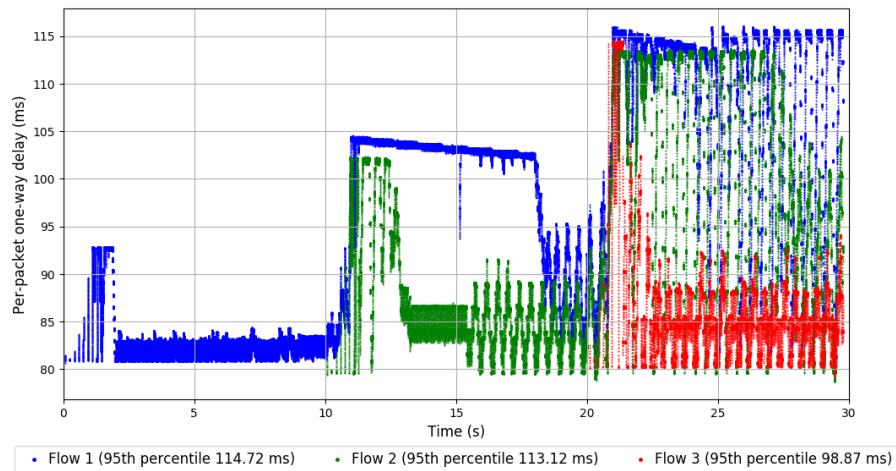
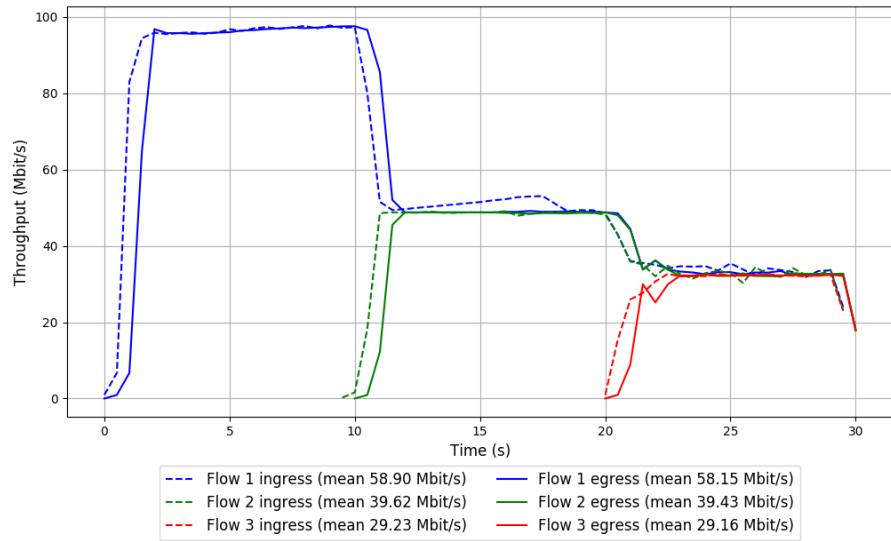


Run 5: Statistics of Indigo

```
Start at: 2018-07-04 12:35:57
End at: 2018-07-04 12:36:27
Local clock offset: -2.714 ms
Remote clock offset: 6.233 ms

# Below is generated by plot.py at 2018-07-04 14:35:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.82 Mbit/s
95th percentile per-packet one-way delay: 113.942 ms
Loss rate: 1.70%
-- Flow 1:
Average throughput: 58.15 Mbit/s
95th percentile per-packet one-way delay: 114.722 ms
Loss rate: 1.85%
-- Flow 2:
Average throughput: 39.43 Mbit/s
95th percentile per-packet one-way delay: 113.124 ms
Loss rate: 1.28%
-- Flow 3:
Average throughput: 29.16 Mbit/s
95th percentile per-packet one-way delay: 98.869 ms
Loss rate: 1.91%
```

Run 5: Report of Indigo — Data Link

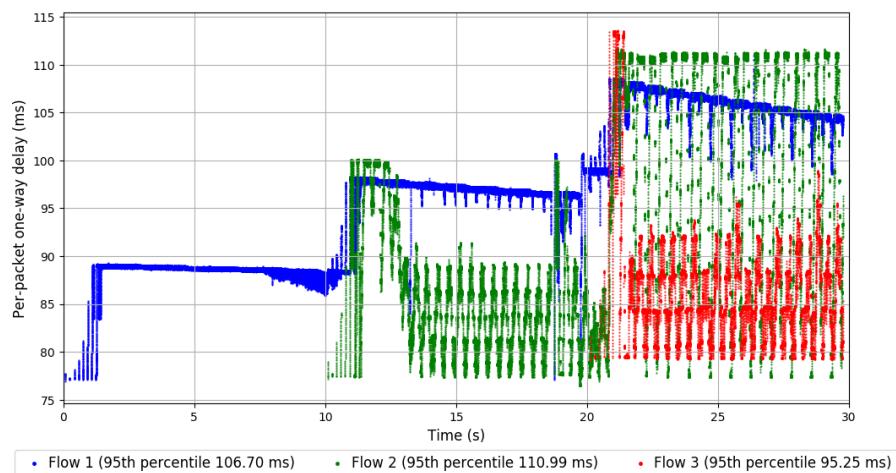
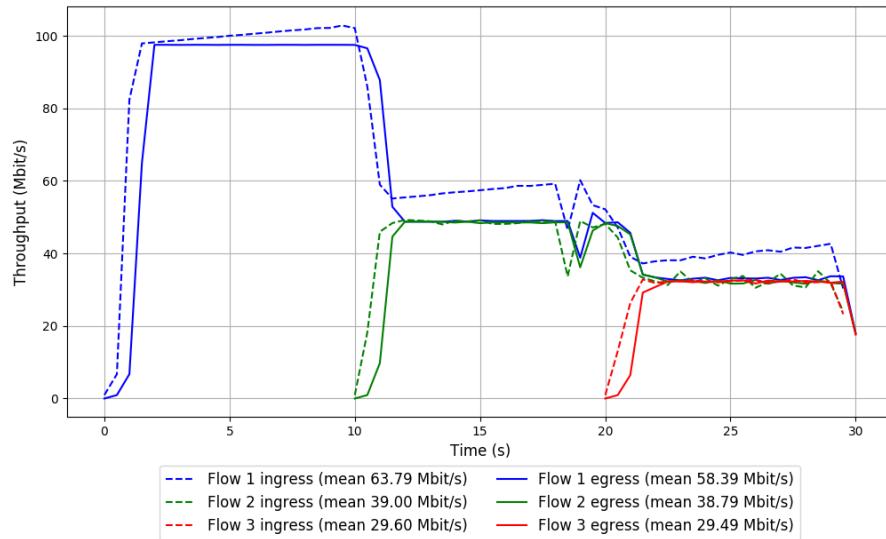


Run 6: Statistics of Indigo

```
Start at: 2018-07-04 12:57:14
End at: 2018-07-04 12:57:44
Local clock offset: -2.419 ms
Remote clock offset: 9.741 ms

# Below is generated by plot.py at 2018-07-04 14:35:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.67 Mbit/s
95th percentile per-packet one-way delay: 108.182 ms
Loss rate: 6.36%
-- Flow 1:
Average throughput: 58.39 Mbit/s
95th percentile per-packet one-way delay: 106.703 ms
Loss rate: 9.01%
-- Flow 2:
Average throughput: 38.79 Mbit/s
95th percentile per-packet one-way delay: 110.994 ms
Loss rate: 1.46%
-- Flow 3:
Average throughput: 29.49 Mbit/s
95th percentile per-packet one-way delay: 95.253 ms
Loss rate: 2.05%
```

Run 6: Report of Indigo — Data Link

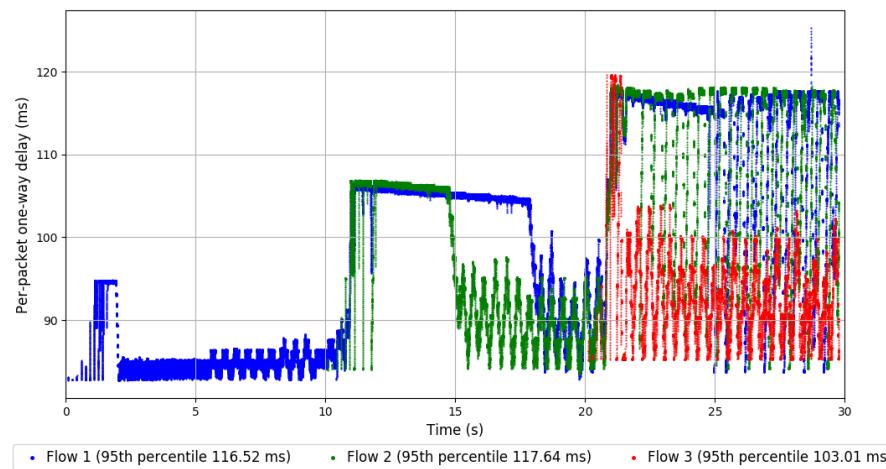
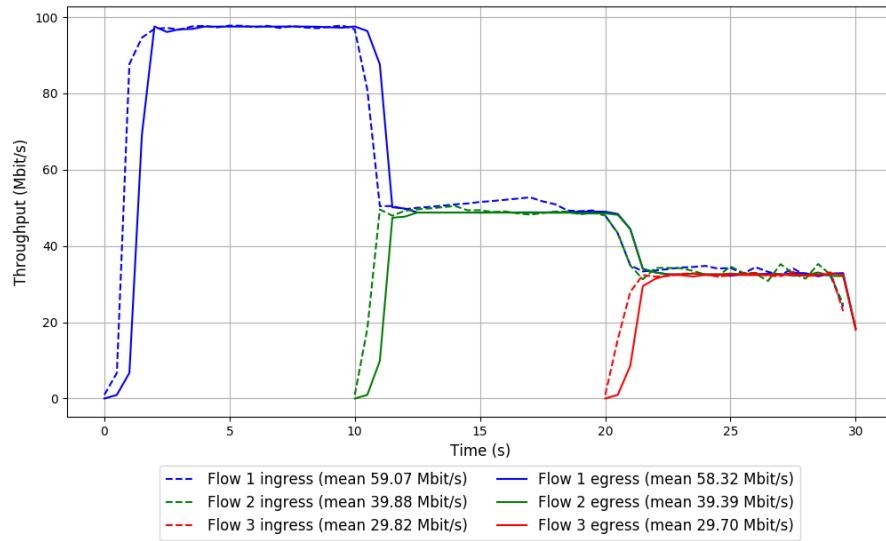


Run 7: Statistics of Indigo

```
Start at: 2018-07-04 13:18:37
End at: 2018-07-04 13:19:07
Local clock offset: -5.355 ms
Remote clock offset: 2.643 ms

# Below is generated by plot.py at 2018-07-04 14:35:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.10 Mbit/s
95th percentile per-packet one-way delay: 117.163 ms
Loss rate: 1.92%
-- Flow 1:
Average throughput: 58.32 Mbit/s
95th percentile per-packet one-way delay: 116.516 ms
Loss rate: 1.82%
-- Flow 2:
Average throughput: 39.39 Mbit/s
95th percentile per-packet one-way delay: 117.644 ms
Loss rate: 2.11%
-- Flow 3:
Average throughput: 29.70 Mbit/s
95th percentile per-packet one-way delay: 103.011 ms
Loss rate: 2.06%
```

Run 7: Report of Indigo — Data Link

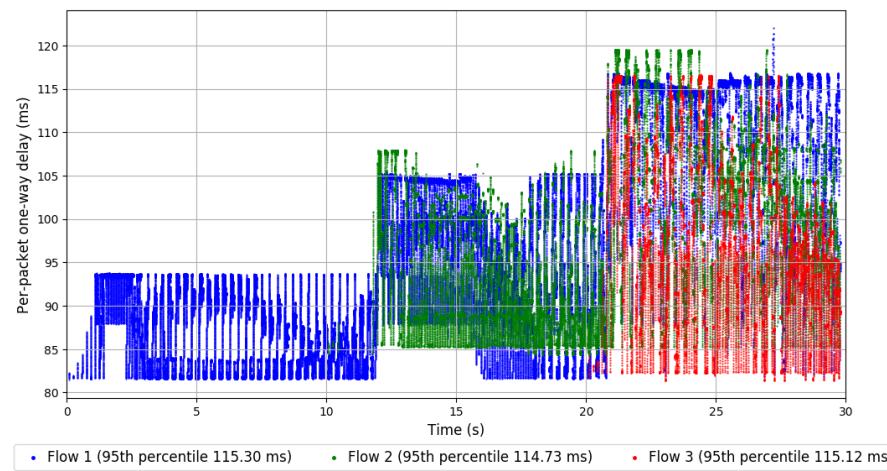
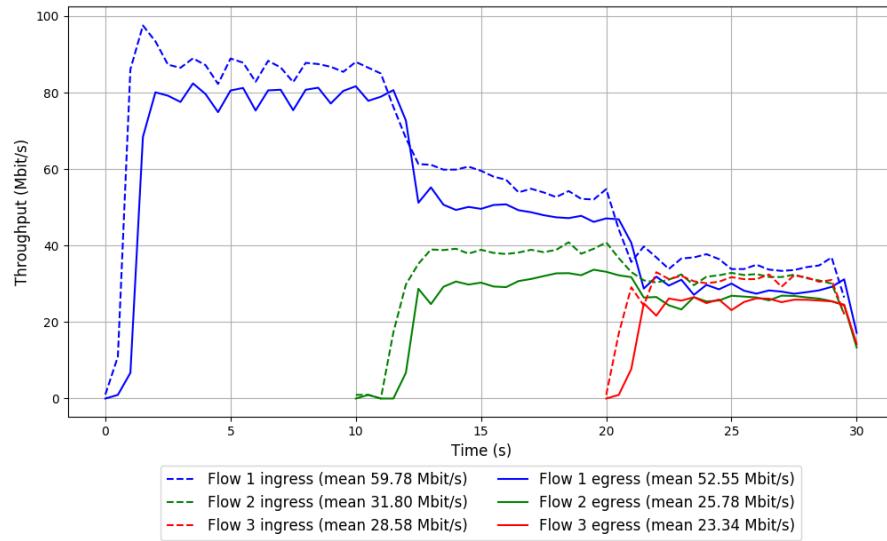


Run 8: Statistics of Indigo

```
Start at: 2018-07-04 13:39:54
End at: 2018-07-04 13:40:24
Local clock offset: -7.859 ms
Remote clock offset: 4.89 ms

# Below is generated by plot.py at 2018-07-04 14:35:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.25 Mbit/s
95th percentile per-packet one-way delay: 115.261 ms
Loss rate: 14.96%
-- Flow 1:
Average throughput: 52.55 Mbit/s
95th percentile per-packet one-way delay: 115.304 ms
Loss rate: 12.57%
-- Flow 2:
Average throughput: 25.78 Mbit/s
95th percentile per-packet one-way delay: 114.730 ms
Loss rate: 19.63%
-- Flow 3:
Average throughput: 23.34 Mbit/s
95th percentile per-packet one-way delay: 115.120 ms
Loss rate: 19.69%
```

Run 8: Report of Indigo — Data Link

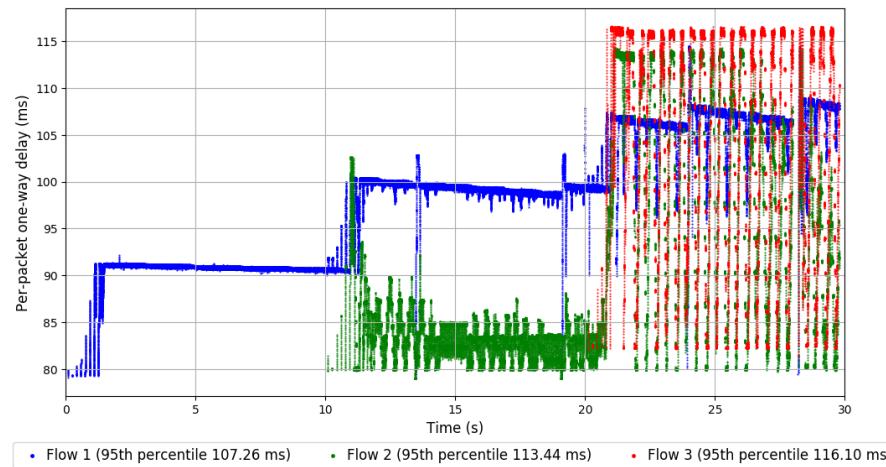
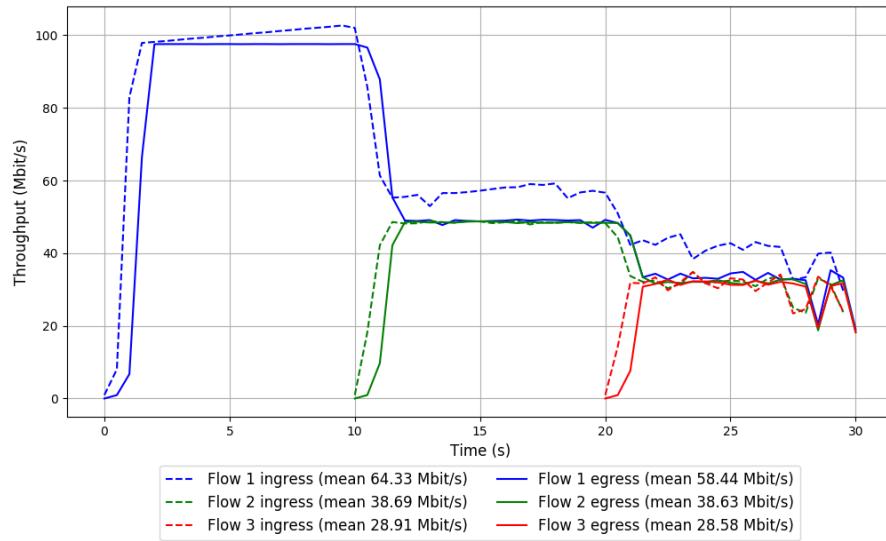


Run 9: Statistics of Indigo

```
Start at: 2018-07-04 14:01:40
End at: 2018-07-04 14:02:10
Local clock offset: -2.568 ms
Remote clock offset: 14.36 ms

# Below is generated by plot.py at 2018-07-04 14:36:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.34 Mbit/s
95th percentile per-packet one-way delay: 113.462 ms
Loss rate: 6.78%
-- Flow 1:
Average throughput: 58.44 Mbit/s
95th percentile per-packet one-way delay: 107.263 ms
Loss rate: 9.69%
-- Flow 2:
Average throughput: 38.63 Mbit/s
95th percentile per-packet one-way delay: 113.437 ms
Loss rate: 0.96%
-- Flow 3:
Average throughput: 28.58 Mbit/s
95th percentile per-packet one-way delay: 116.096 ms
Loss rate: 2.84%
```

Run 9: Report of Indigo — Data Link

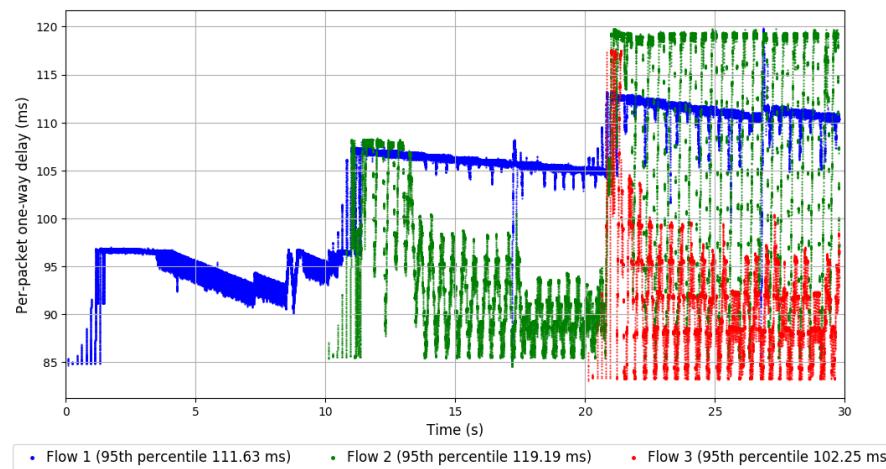
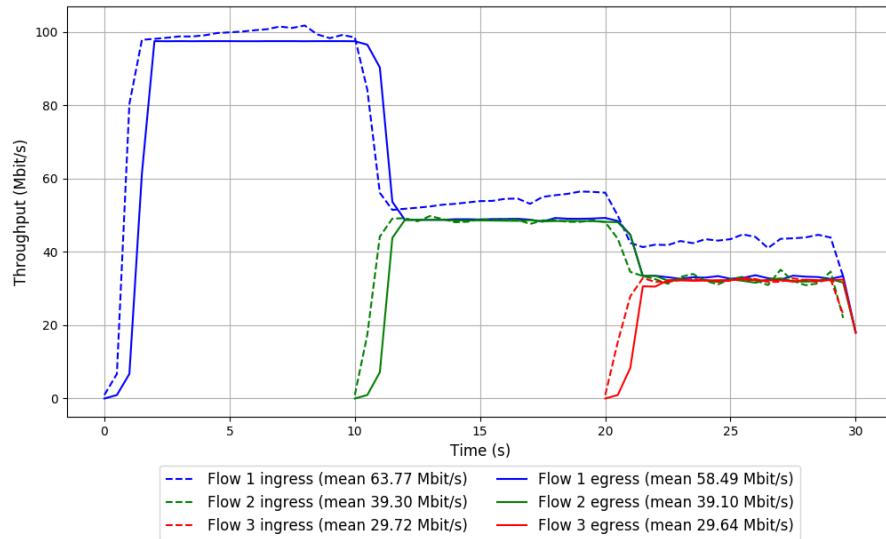


Run 10: Statistics of Indigo

```
Start at: 2018-07-04 14:22:58
End at: 2018-07-04 14:23:28
Local clock offset: -2.649 ms
Remote clock offset: 5.555 ms

# Below is generated by plot.py at 2018-07-04 14:36:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.03 Mbit/s
95th percentile per-packet one-way delay: 116.127 ms
Loss rate: 6.19%
-- Flow 1:
Average throughput: 58.49 Mbit/s
95th percentile per-packet one-way delay: 111.627 ms
Loss rate: 8.83%
-- Flow 2:
Average throughput: 39.10 Mbit/s
95th percentile per-packet one-way delay: 119.192 ms
Loss rate: 1.34%
-- Flow 3:
Average throughput: 29.64 Mbit/s
95th percentile per-packet one-way delay: 102.245 ms
Loss rate: 1.93%
```

Run 10: Report of Indigo — Data Link

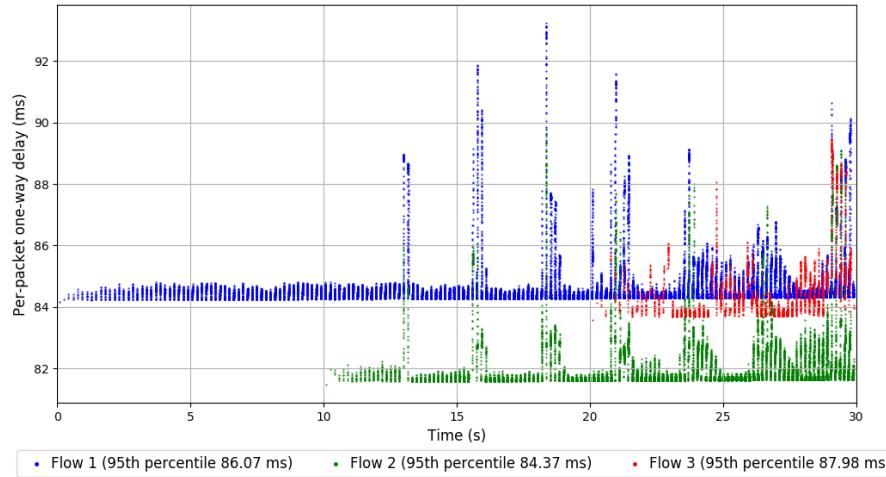
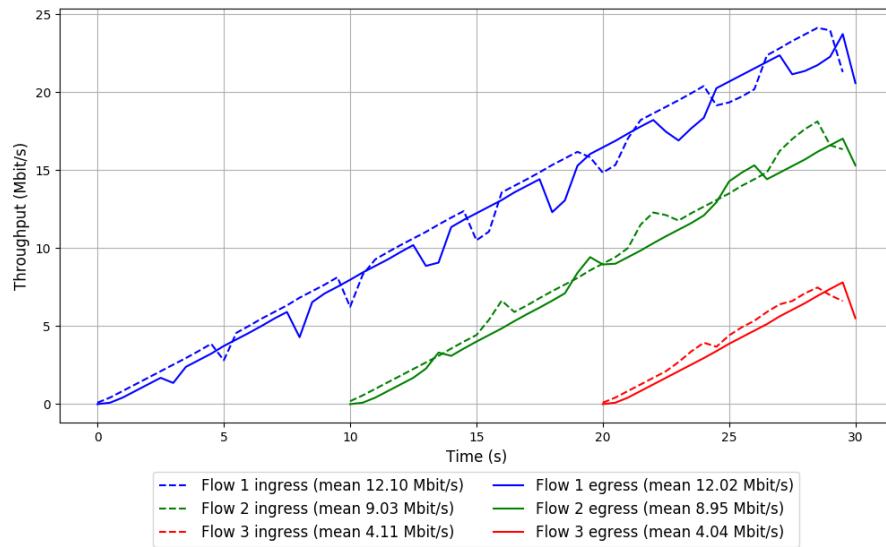


Run 1: Statistics of LEDBAT

```
Start at: 2018-07-04 11:05:29
End at: 2018-07-04 11:05:59
Local clock offset: -2.662 ms
Remote clock offset: 11.581 ms

# Below is generated by plot.py at 2018-07-04 14:36:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 19.30 Mbit/s
95th percentile per-packet one-way delay: 85.895 ms
Loss rate: 1.46%
-- Flow 1:
Average throughput: 12.02 Mbit/s
95th percentile per-packet one-way delay: 86.074 ms
Loss rate: 1.15%
-- Flow 2:
Average throughput: 8.95 Mbit/s
95th percentile per-packet one-way delay: 84.370 ms
Loss rate: 1.63%
-- Flow 3:
Average throughput: 4.04 Mbit/s
95th percentile per-packet one-way delay: 87.980 ms
Loss rate: 3.41%
```

Run 1: Report of LEDBAT — Data Link

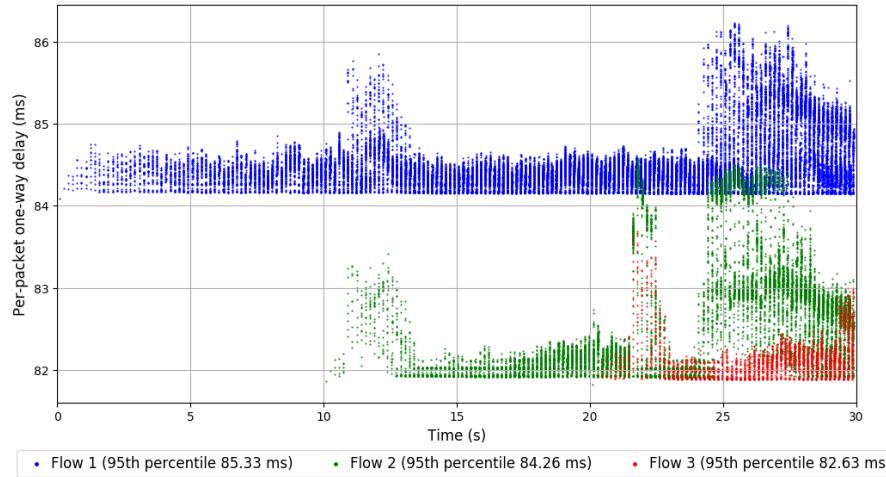
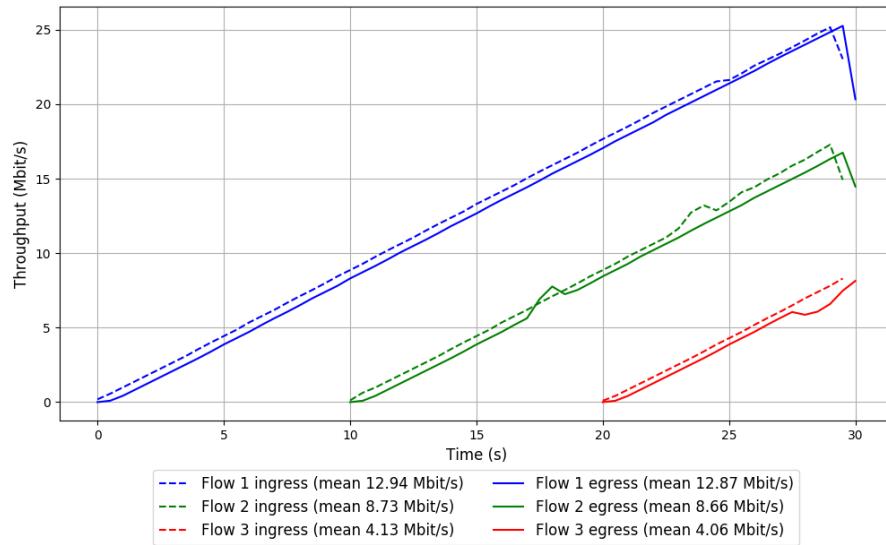


Run 2: Statistics of LEDBAT

```
Start at: 2018-07-04 11:26:41
End at: 2018-07-04 11:27:11
Local clock offset: -7.023 ms
Remote clock offset: 12.434 ms

# Below is generated by plot.py at 2018-07-04 14:36:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 19.95 Mbit/s
95th percentile per-packet one-way delay: 85.190 ms
Loss rate: 1.43%
-- Flow 1:
Average throughput: 12.87 Mbit/s
95th percentile per-packet one-way delay: 85.327 ms
Loss rate: 1.11%
-- Flow 2:
Average throughput: 8.66 Mbit/s
95th percentile per-packet one-way delay: 84.261 ms
Loss rate: 1.66%
-- Flow 3:
Average throughput: 4.06 Mbit/s
95th percentile per-packet one-way delay: 82.634 ms
Loss rate: 3.43%
```

Run 2: Report of LEDBAT — Data Link

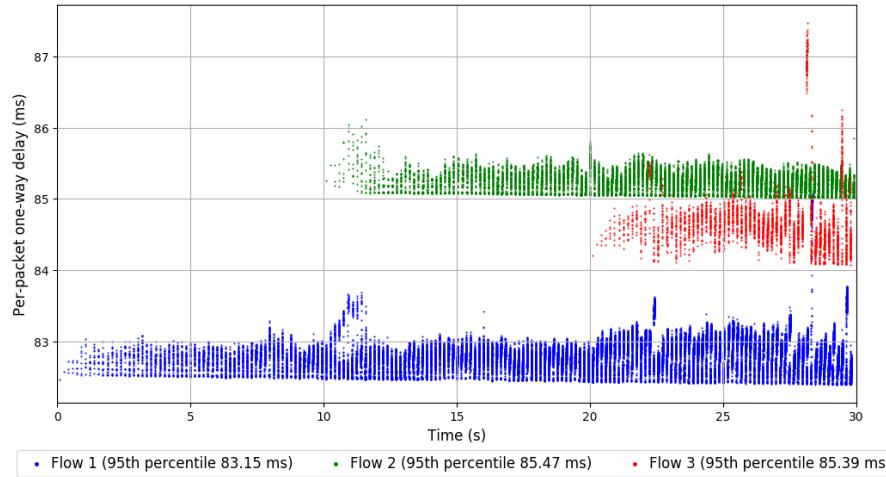
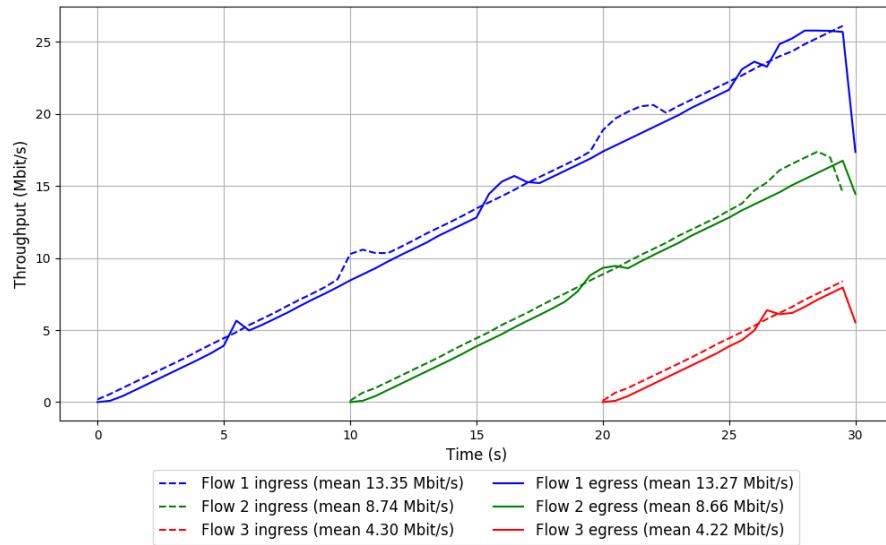


Run 3: Statistics of LEDBAT

```
Start at: 2018-07-04 11:48:08
End at: 2018-07-04 11:48:38
Local clock offset: -4.167 ms
Remote clock offset: 10.856 ms

# Below is generated by plot.py at 2018-07-04 14:36:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 20.36 Mbit/s
95th percentile per-packet one-way delay: 85.380 ms
Loss rate: 1.41%
-- Flow 1:
Average throughput: 13.27 Mbit/s
95th percentile per-packet one-way delay: 83.149 ms
Loss rate: 1.10%
-- Flow 2:
Average throughput: 8.66 Mbit/s
95th percentile per-packet one-way delay: 85.467 ms
Loss rate: 1.66%
-- Flow 3:
Average throughput: 4.22 Mbit/s
95th percentile per-packet one-way delay: 85.392 ms
Loss rate: 3.38%
```

Run 3: Report of LEDBAT — Data Link

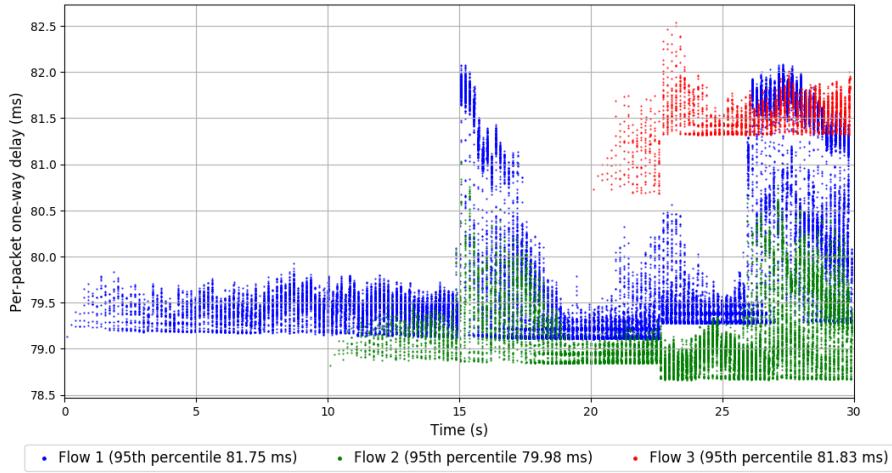
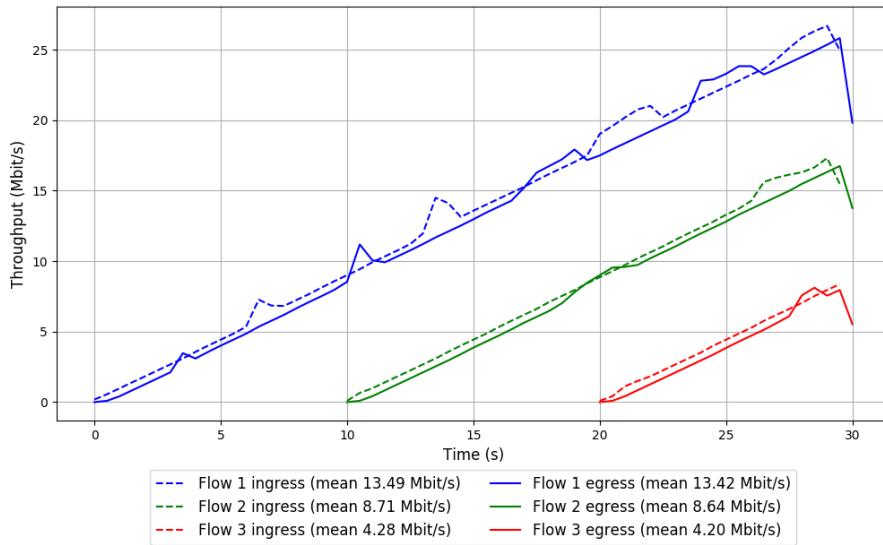


Run 4: Statistics of LEDBAT

```
Start at: 2018-07-04 12:09:29
End at: 2018-07-04 12:09:59
Local clock offset: -1.067 ms
Remote clock offset: 6.995 ms

# Below is generated by plot.py at 2018-07-04 14:36:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 20.53 Mbit/s
95th percentile per-packet one-way delay: 81.716 ms
Loss rate: 1.40%
-- Flow 1:
Average throughput: 13.42 Mbit/s
95th percentile per-packet one-way delay: 81.752 ms
Loss rate: 1.09%
-- Flow 2:
Average throughput: 8.64 Mbit/s
95th percentile per-packet one-way delay: 79.976 ms
Loss rate: 1.67%
-- Flow 3:
Average throughput: 4.20 Mbit/s
95th percentile per-packet one-way delay: 81.827 ms
Loss rate: 3.36%
```

Run 4: Report of LEDBAT — Data Link

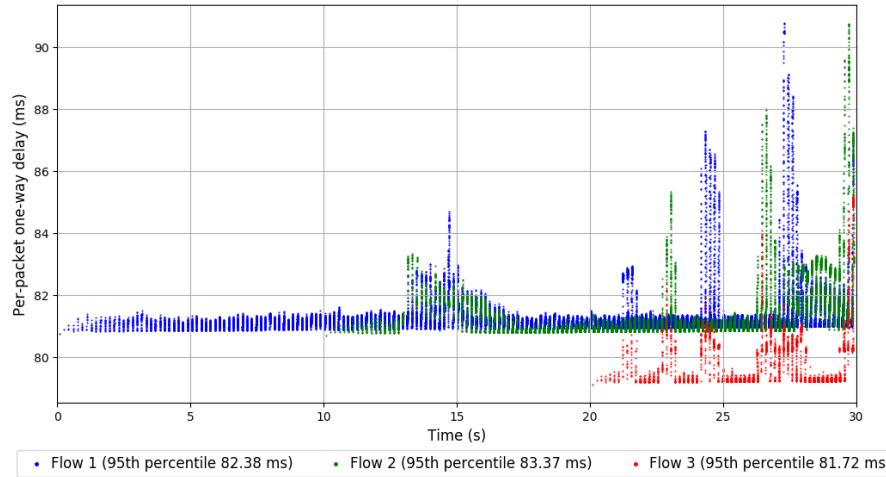
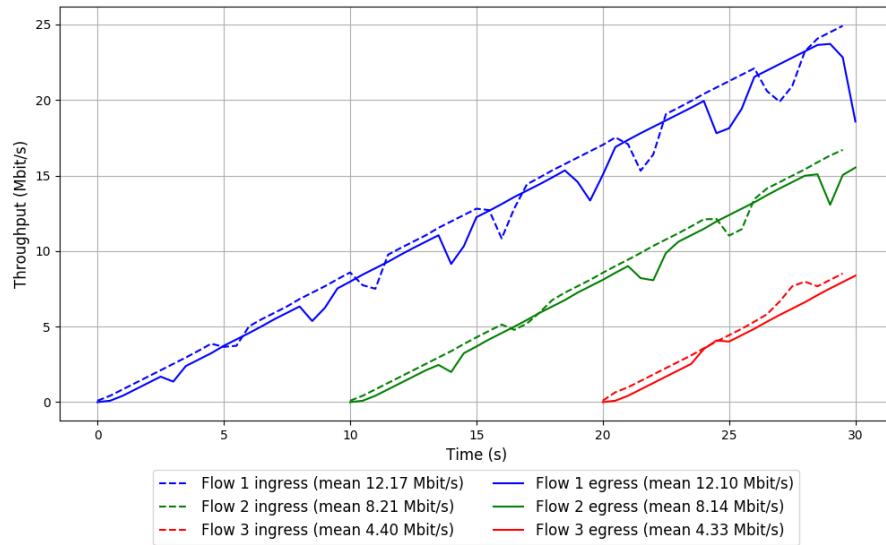


Run 5: Statistics of LEDBAT

```
Start at: 2018-07-04 12:30:57
End at: 2018-07-04 12:31:27
Local clock offset: -2.62 ms
Remote clock offset: 5.123 ms

# Below is generated by plot.py at 2018-07-04 14:36:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.92 Mbit/s
95th percentile per-packet one-way delay: 82.911 ms
Loss rate: 1.47%
-- Flow 1:
Average throughput: 12.10 Mbit/s
95th percentile per-packet one-way delay: 82.379 ms
Loss rate: 1.15%
-- Flow 2:
Average throughput: 8.14 Mbit/s
95th percentile per-packet one-way delay: 83.369 ms
Loss rate: 1.71%
-- Flow 3:
Average throughput: 4.33 Mbit/s
95th percentile per-packet one-way delay: 81.716 ms
Loss rate: 3.29%
```

Run 5: Report of LEDBAT — Data Link

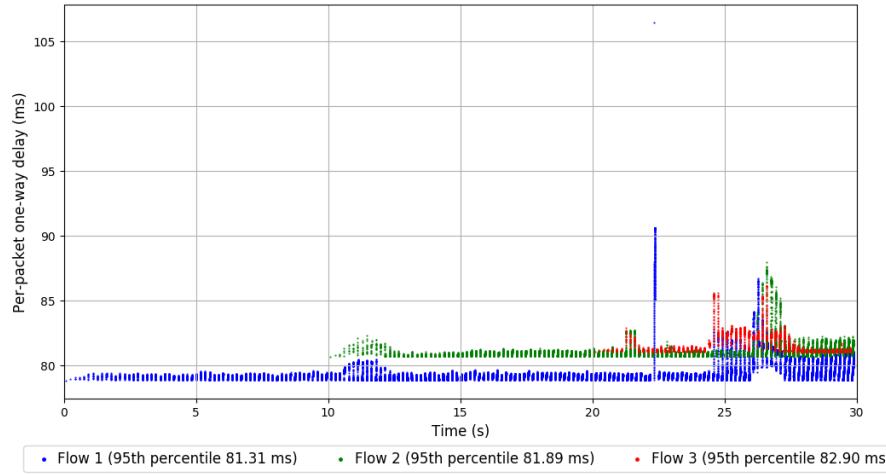
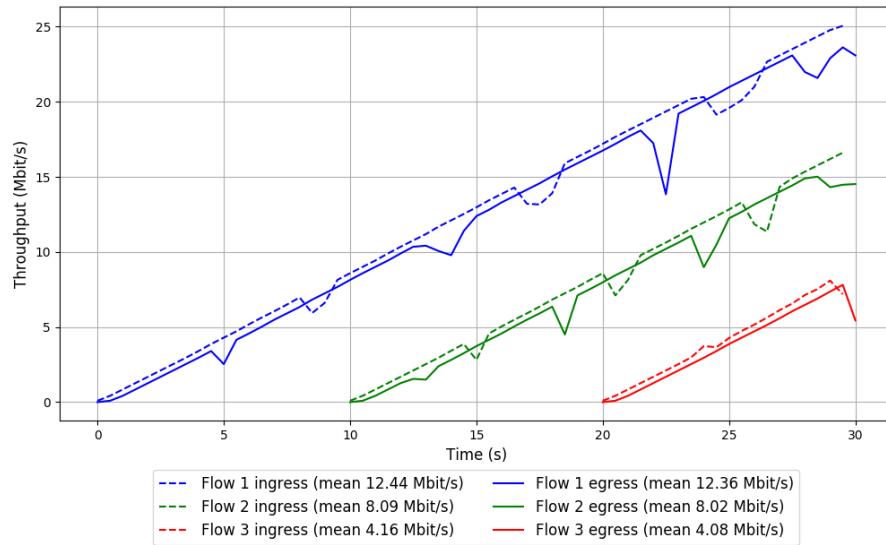


Run 6: Statistics of LEDBAT

```
Start at: 2018-07-04 12:52:14
End at: 2018-07-04 12:52:44
Local clock offset: -2.54 ms
Remote clock offset: 7.586 ms

# Below is generated by plot.py at 2018-07-04 14:36:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 19.01 Mbit/s
95th percentile per-packet one-way delay: 81.893 ms
Loss rate: 1.46%
-- Flow 1:
Average throughput: 12.36 Mbit/s
95th percentile per-packet one-way delay: 81.314 ms
Loss rate: 1.13%
-- Flow 2:
Average throughput: 8.02 Mbit/s
95th percentile per-packet one-way delay: 81.895 ms
Loss rate: 1.73%
-- Flow 3:
Average throughput: 4.08 Mbit/s
95th percentile per-packet one-way delay: 82.899 ms
Loss rate: 3.41%
```

Run 6: Report of LEDBAT — Data Link

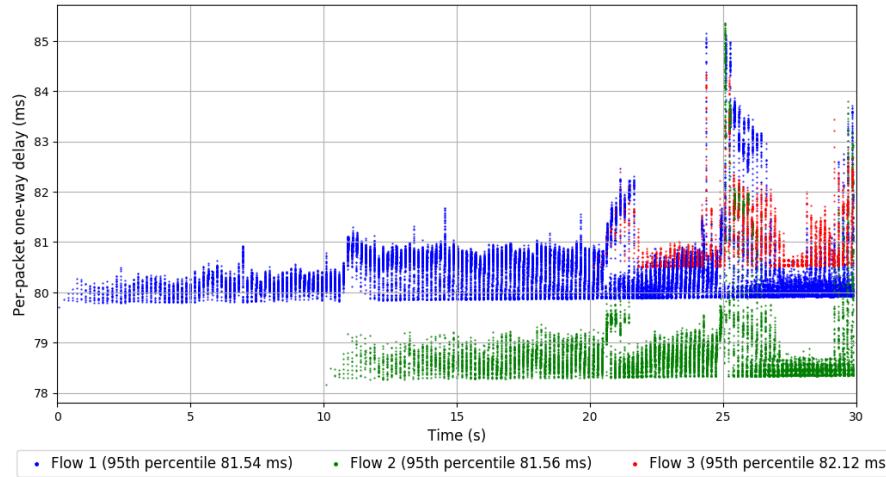
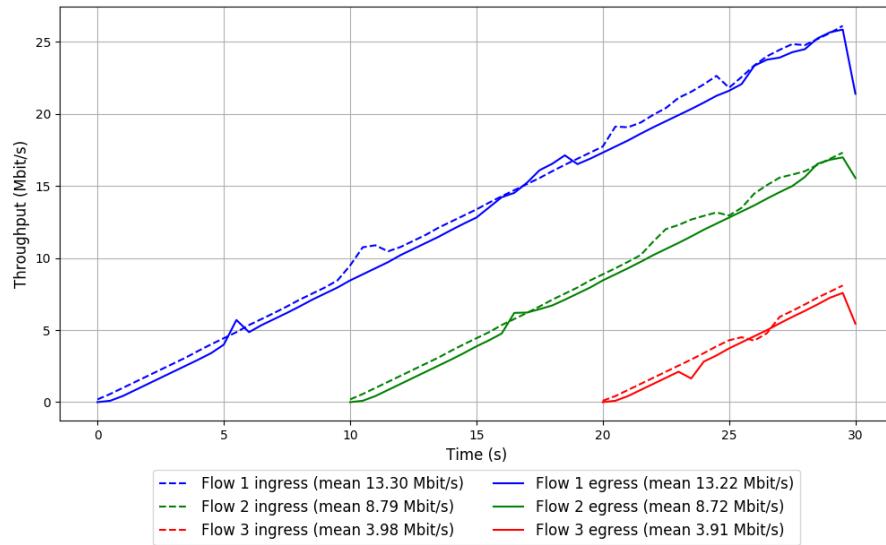


Run 7: Statistics of LEDBAT

```
Start at: 2018-07-04 13:13:38
End at: 2018-07-04 13:14:08
Local clock offset: -3.933 ms
Remote clock offset: 7.878 ms

# Below is generated by plot.py at 2018-07-04 14:36:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 20.30 Mbit/s
95th percentile per-packet one-way delay: 81.650 ms
Loss rate: 1.41%
-- Flow 1:
Average throughput: 13.22 Mbit/s
95th percentile per-packet one-way delay: 81.539 ms
Loss rate: 1.10%
-- Flow 2:
Average throughput: 8.72 Mbit/s
95th percentile per-packet one-way delay: 81.563 ms
Loss rate: 1.66%
-- Flow 3:
Average throughput: 3.91 Mbit/s
95th percentile per-packet one-way delay: 82.124 ms
Loss rate: 3.47%
```

Run 7: Report of LEDBAT — Data Link

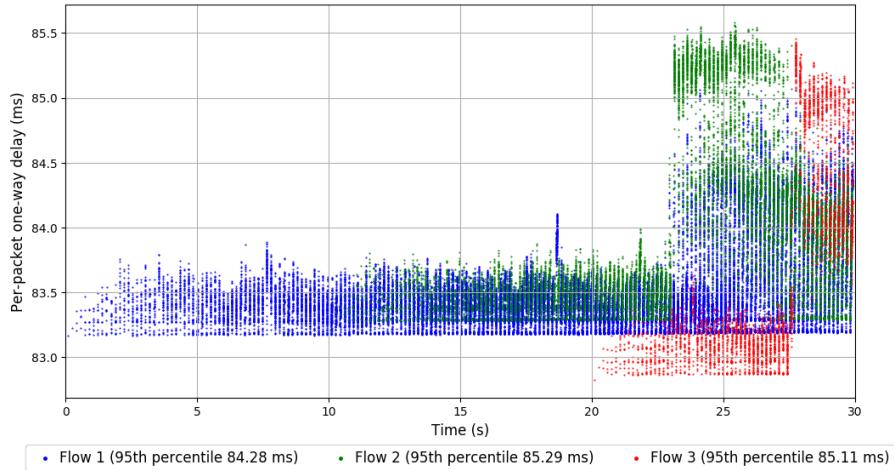
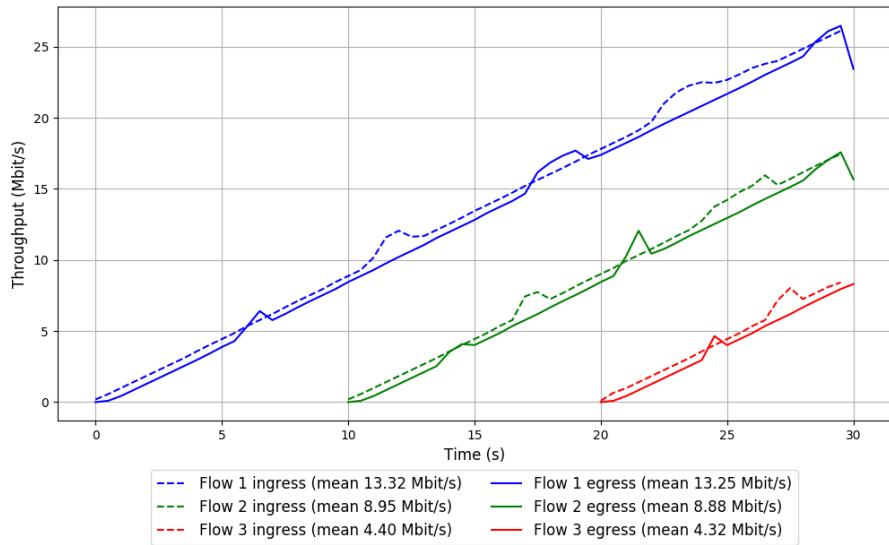


Run 8: Statistics of LEDBAT

```
Start at: 2018-07-04 13:34:55
End at: 2018-07-04 13:35:25
Local clock offset: -7.487 ms
Remote clock offset: 2.178 ms

# Below is generated by plot.py at 2018-07-04 14:36:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 20.56 Mbit/s
95th percentile per-packet one-way delay: 84.971 ms
Loss rate: 1.41%
-- Flow 1:
Average throughput: 13.25 Mbit/s
95th percentile per-packet one-way delay: 84.279 ms
Loss rate: 1.10%
-- Flow 2:
Average throughput: 8.88 Mbit/s
95th percentile per-packet one-way delay: 85.292 ms
Loss rate: 1.64%
-- Flow 3:
Average throughput: 4.32 Mbit/s
95th percentile per-packet one-way delay: 85.115 ms
Loss rate: 3.27%
```

Run 8: Report of LEDBAT — Data Link

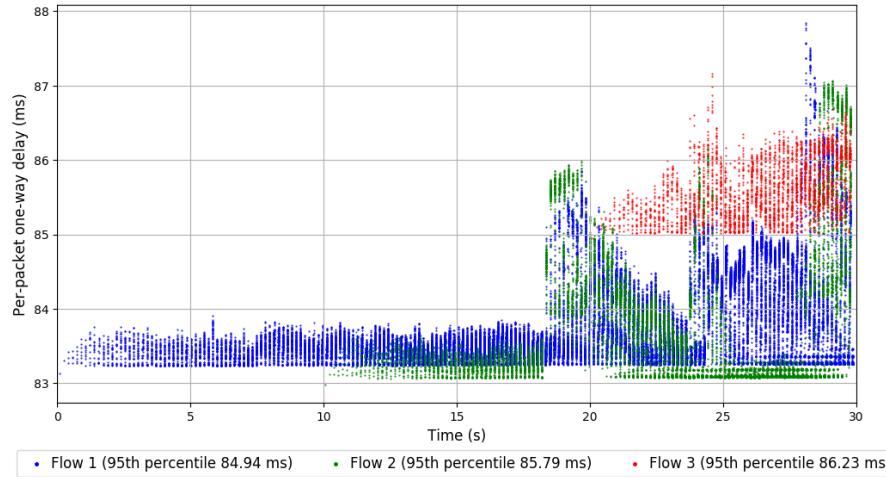
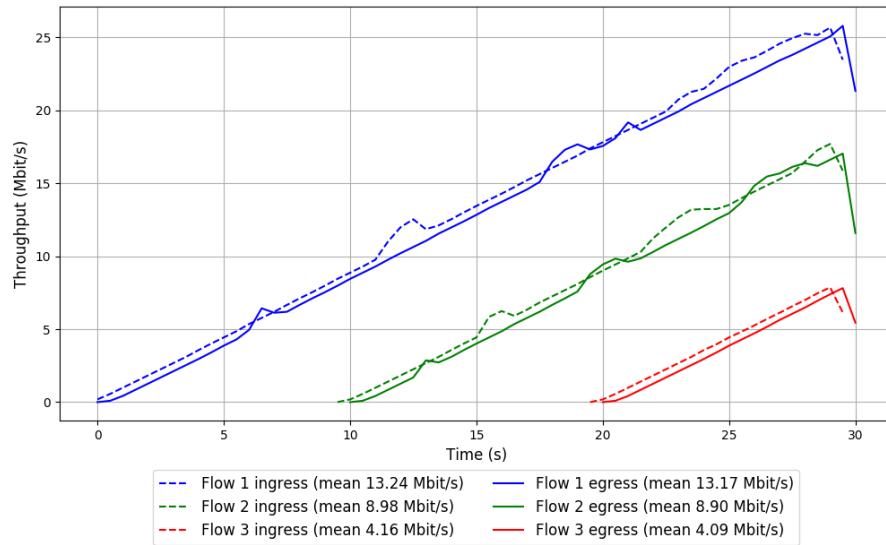


Run 9: Statistics of LEDBAT

```
Start at: 2018-07-04 13:56:39
End at: 2018-07-04 13:57:09
Local clock offset: -3.036 ms
Remote clock offset: 9.77 ms

# Below is generated by plot.py at 2018-07-04 14:36:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 20.39 Mbit/s
95th percentile per-packet one-way delay: 85.758 ms
Loss rate: 1.41%
-- Flow 1:
Average throughput: 13.17 Mbit/s
95th percentile per-packet one-way delay: 84.943 ms
Loss rate: 1.10%
-- Flow 2:
Average throughput: 8.90 Mbit/s
95th percentile per-packet one-way delay: 85.794 ms
Loss rate: 1.64%
-- Flow 3:
Average throughput: 4.09 Mbit/s
95th percentile per-packet one-way delay: 86.232 ms
Loss rate: 3.41%
```

Run 9: Report of LEDBAT — Data Link

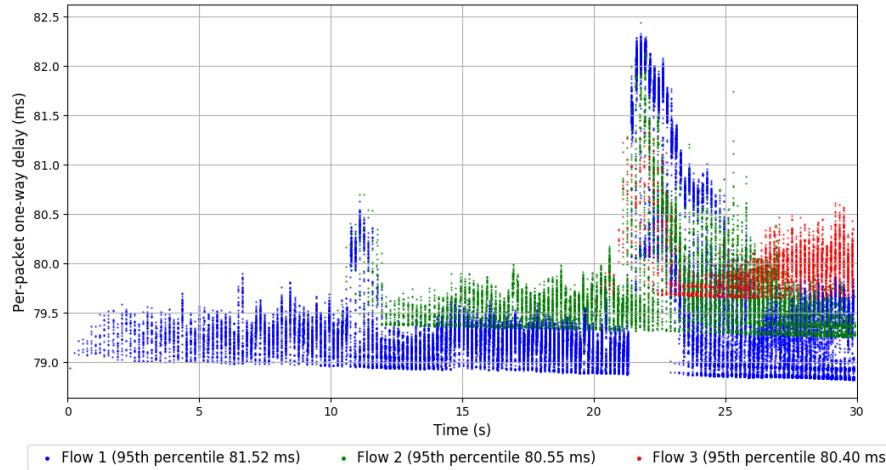
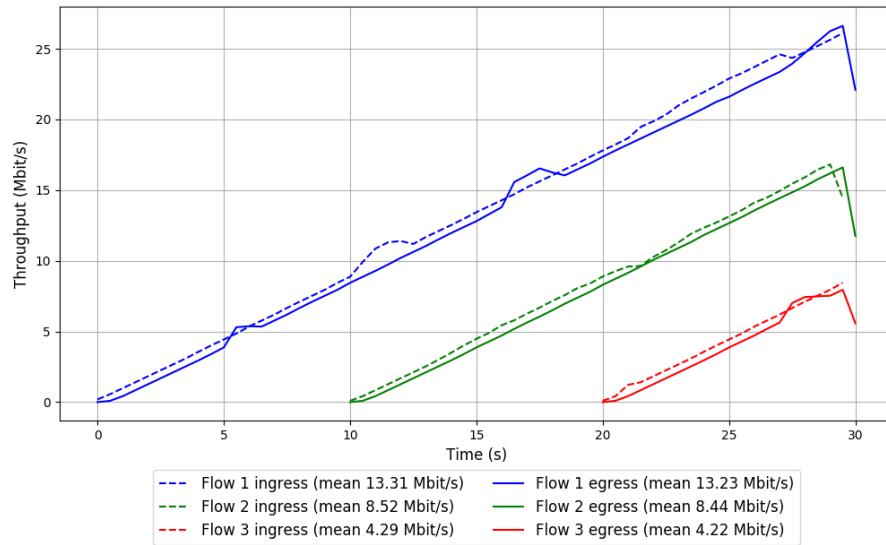


Run 10: Statistics of LEDBAT

```
Start at: 2018-07-04 14:17:57
End at: 2018-07-04 14:18:27
Local clock offset: -2.626 ms
Remote clock offset: 12.447 ms

# Below is generated by plot.py at 2018-07-04 14:36:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 20.21 Mbit/s
95th percentile per-packet one-way delay: 81.007 ms
Loss rate: 1.42%
-- Flow 1:
Average throughput: 13.23 Mbit/s
95th percentile per-packet one-way delay: 81.517 ms
Loss rate: 1.10%
-- Flow 2:
Average throughput: 8.44 Mbit/s
95th percentile per-packet one-way delay: 80.545 ms
Loss rate: 1.68%
-- Flow 3:
Average throughput: 4.22 Mbit/s
95th percentile per-packet one-way delay: 80.400 ms
Loss rate: 3.37%
```

Run 10: Report of LEDBAT — Data Link

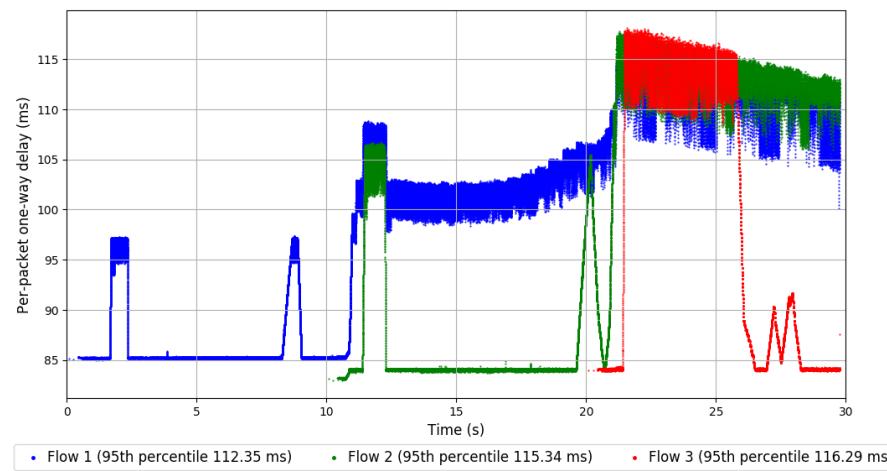
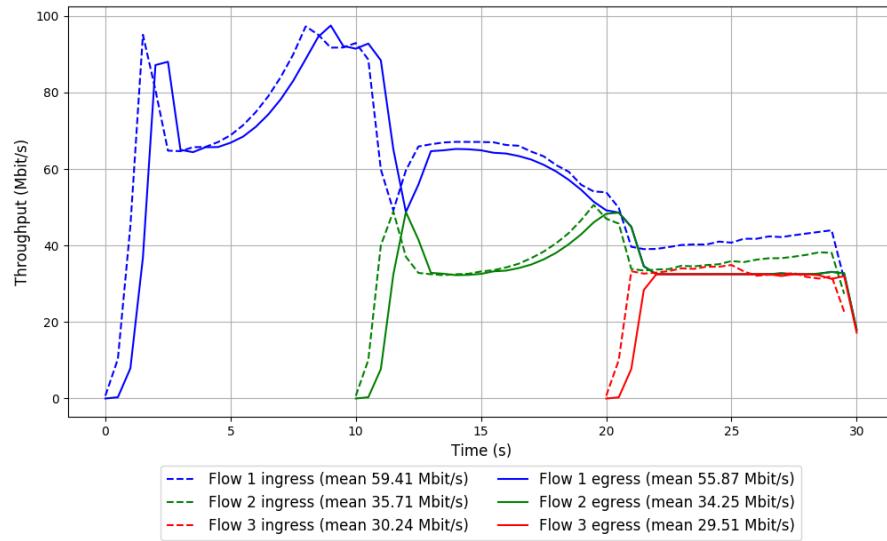


Run 1: Statistics of PCC-Allegro

```
Start at: 2018-07-04 11:07:57
End at: 2018-07-04 11:08:27
Local clock offset: -2.665 ms
Remote clock offset: 10.99 ms

# Below is generated by plot.py at 2018-07-04 14:37:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.19 Mbit/s
95th percentile per-packet one-way delay: 114.444 ms
Loss rate: 5.85%
-- Flow 1:
Average throughput: 55.87 Mbit/s
95th percentile per-packet one-way delay: 112.349 ms
Loss rate: 6.51%
-- Flow 2:
Average throughput: 34.25 Mbit/s
95th percentile per-packet one-way delay: 115.339 ms
Loss rate: 4.94%
-- Flow 3:
Average throughput: 29.51 Mbit/s
95th percentile per-packet one-way delay: 116.288 ms
Loss rate: 4.09%
```

Run 1: Report of PCC-Allegro — Data Link

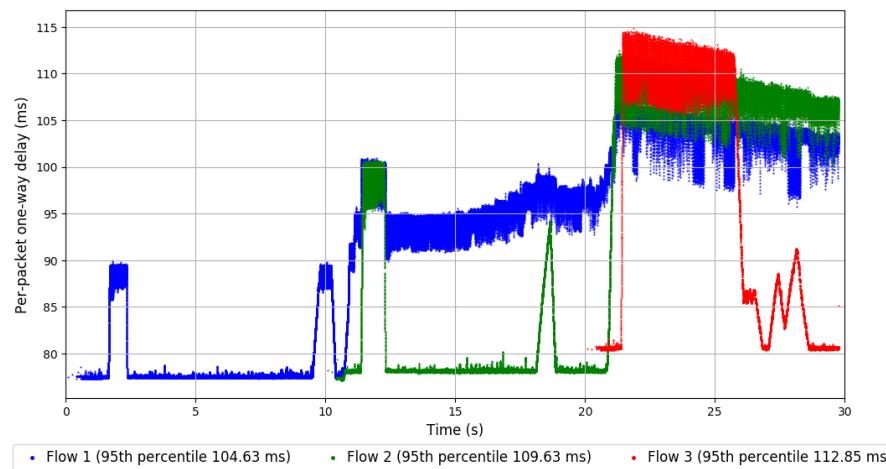
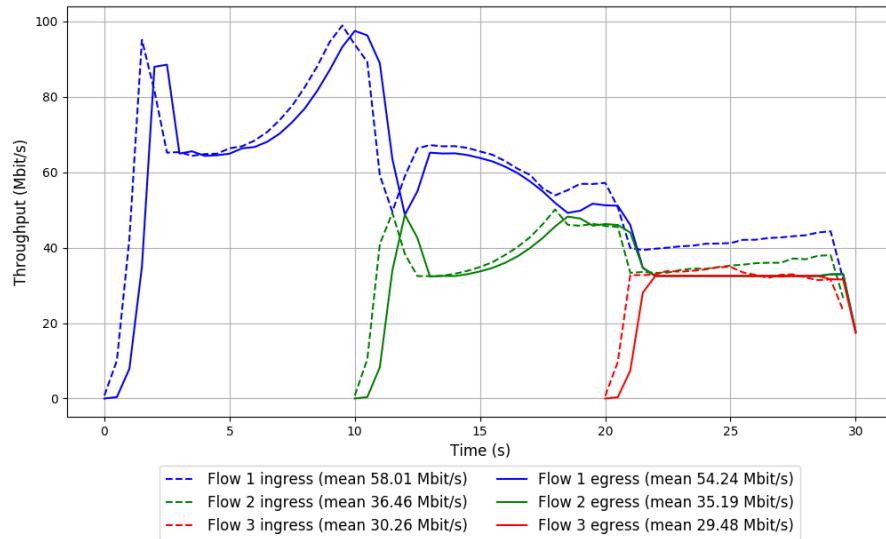


Run 2: Statistics of PCC-Allegro

```
Start at: 2018-07-04 11:29:09
End at: 2018-07-04 11:29:39
Local clock offset: -7.301 ms
Remote clock offset: 15.964 ms

# Below is generated by plot.py at 2018-07-04 14:37:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.18 Mbit/s
95th percentile per-packet one-way delay: 109.572 ms
Loss rate: 6.02%
-- Flow 1:
Average throughput: 54.24 Mbit/s
95th percentile per-packet one-way delay: 104.626 ms
Loss rate: 7.04%
-- Flow 2:
Average throughput: 35.19 Mbit/s
95th percentile per-packet one-way delay: 109.631 ms
Loss rate: 4.32%
-- Flow 3:
Average throughput: 29.48 Mbit/s
95th percentile per-packet one-way delay: 112.853 ms
Loss rate: 4.23%
```

Run 2: Report of PCC-Allegro — Data Link

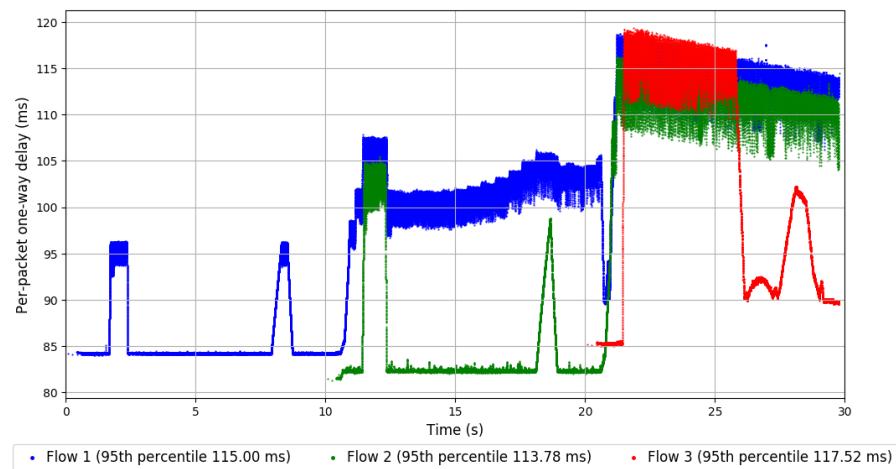
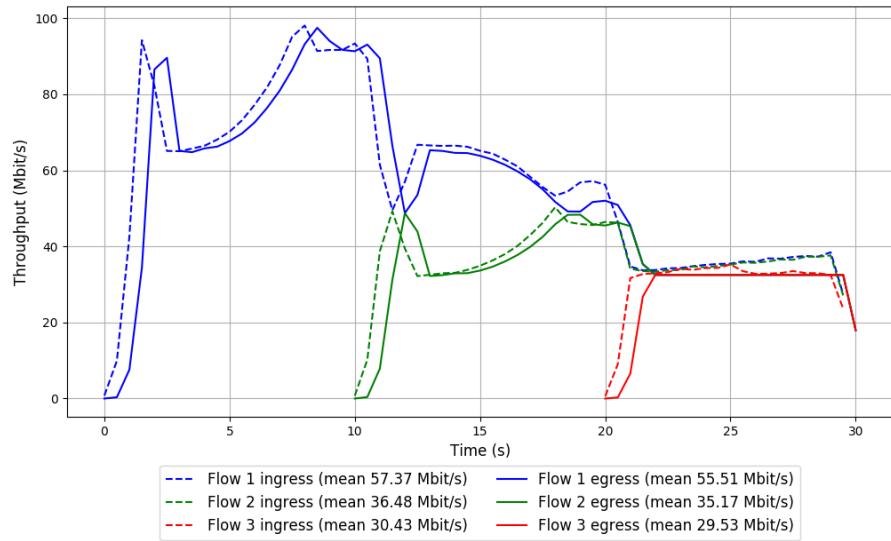


Run 3: Statistics of PCC-Allegro

```
Start at: 2018-07-04 11:50:36
End at: 2018-07-04 11:51:06
Local clock offset: -3.382 ms
Remote clock offset: 11.86 ms

# Below is generated by plot.py at 2018-07-04 14:37:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.46 Mbit/s
95th percentile per-packet one-way delay: 115.437 ms
Loss rate: 4.08%
-- Flow 1:
Average throughput: 55.51 Mbit/s
95th percentile per-packet one-way delay: 114.996 ms
Loss rate: 3.83%
-- Flow 2:
Average throughput: 35.17 Mbit/s
95th percentile per-packet one-way delay: 113.782 ms
Loss rate: 4.43%
-- Flow 3:
Average throughput: 29.53 Mbit/s
95th percentile per-packet one-way delay: 117.519 ms
Loss rate: 4.68%
```

Run 3: Report of PCC-Allegro — Data Link

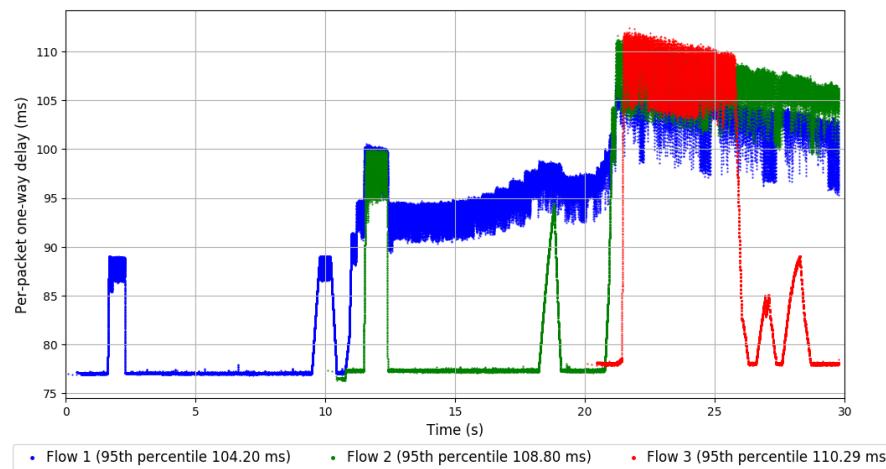
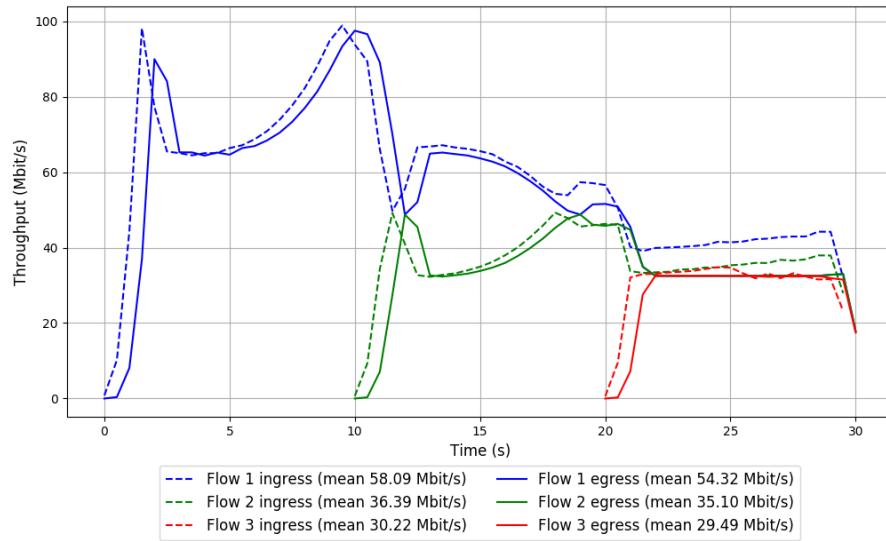


Run 4: Statistics of PCC-Allegro

```
Start at: 2018-07-04 12:11:57
End at: 2018-07-04 12:12:27
Local clock offset: -1.345 ms
Remote clock offset: 8.687 ms

# Below is generated by plot.py at 2018-07-04 14:37:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.20 Mbit/s
95th percentile per-packet one-way delay: 108.045 ms
Loss rate: 6.04%
-- Flow 1:
Average throughput: 54.32 Mbit/s
95th percentile per-packet one-way delay: 104.203 ms
Loss rate: 7.04%
-- Flow 2:
Average throughput: 35.10 Mbit/s
95th percentile per-packet one-way delay: 108.801 ms
Loss rate: 4.43%
-- Flow 3:
Average throughput: 29.49 Mbit/s
95th percentile per-packet one-way delay: 110.290 ms
Loss rate: 4.11%
```

Run 4: Report of PCC-Allegro — Data Link

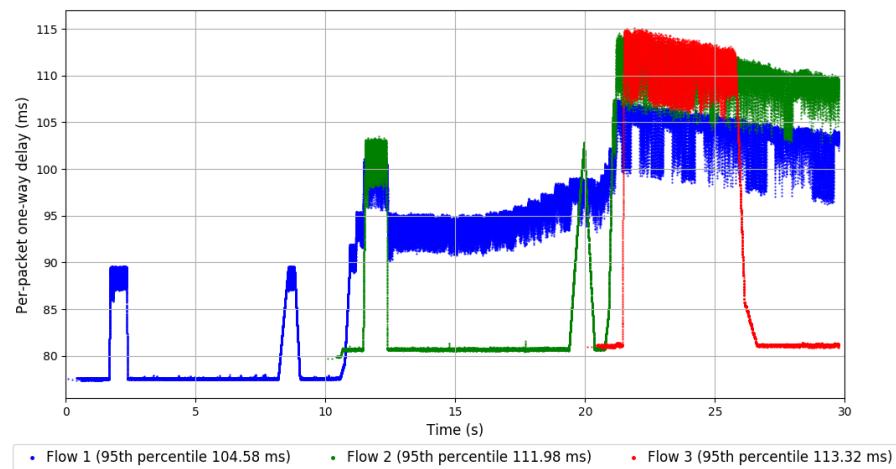
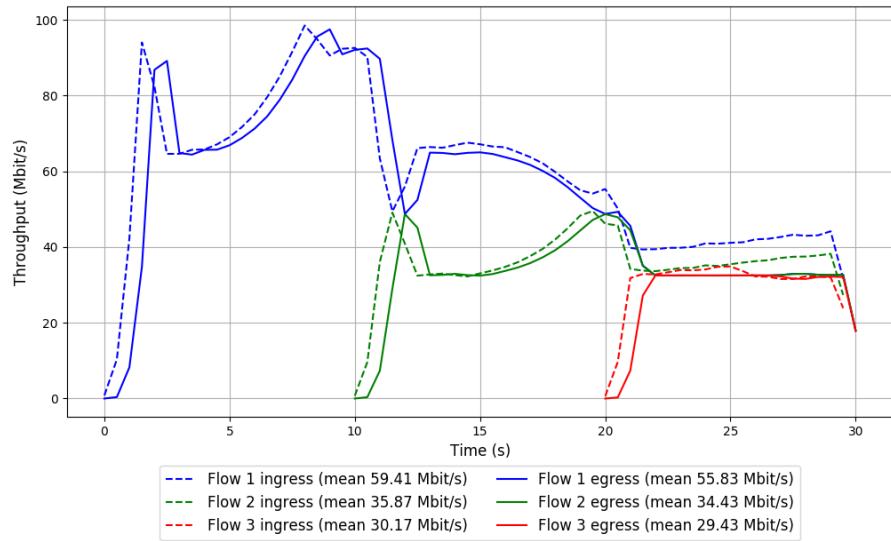


Run 5: Statistics of PCC-Allegro

```
Start at: 2018-07-04 12:33:25
End at: 2018-07-04 12:33:55
Local clock offset: -2.7 ms
Remote clock offset: 6.746 ms

# Below is generated by plot.py at 2018-07-04 14:37:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.25 Mbit/s
95th percentile per-packet one-way delay: 111.173 ms
Loss rate: 5.88%
-- Flow 1:
Average throughput: 55.83 Mbit/s
95th percentile per-packet one-way delay: 104.583 ms
Loss rate: 6.56%
-- Flow 2:
Average throughput: 34.43 Mbit/s
95th percentile per-packet one-way delay: 111.978 ms
Loss rate: 4.89%
-- Flow 3:
Average throughput: 29.43 Mbit/s
95th percentile per-packet one-way delay: 113.317 ms
Loss rate: 4.15%
```

Run 5: Report of PCC-Allegro — Data Link

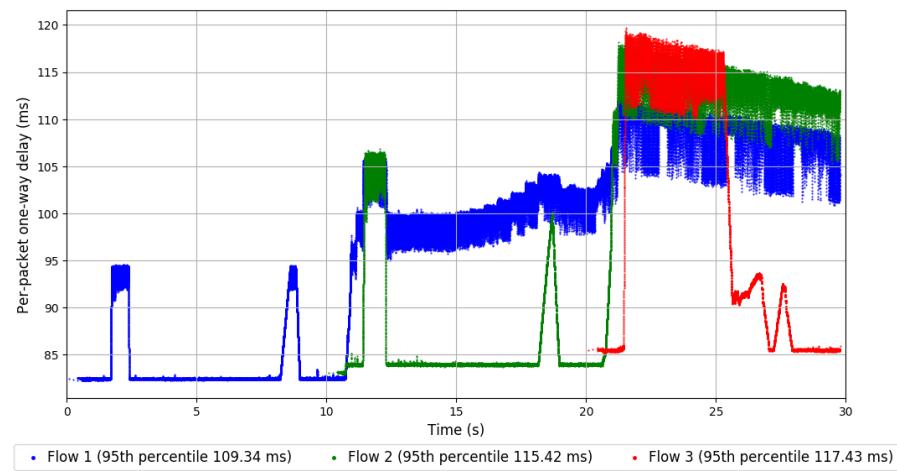
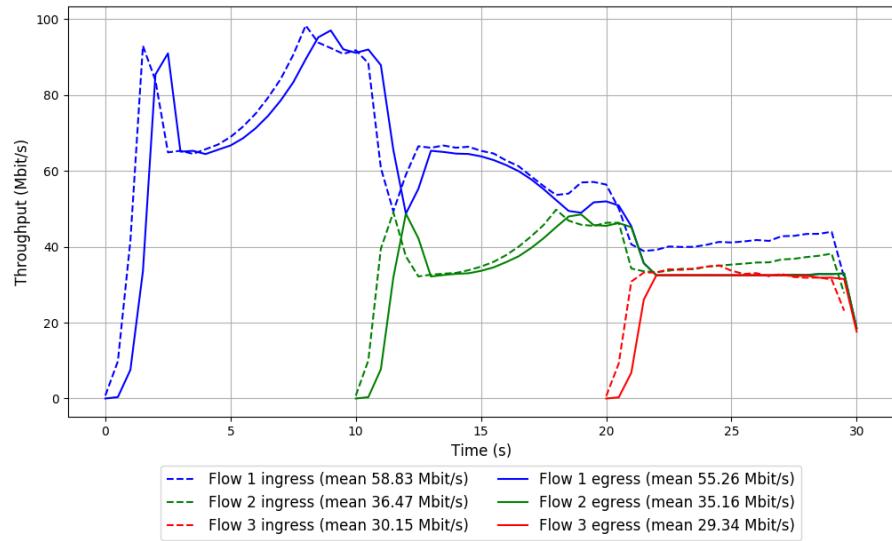


Run 6: Statistics of PCC-Allegro

```
Start at: 2018-07-04 12:54:42
End at: 2018-07-04 12:55:12
Local clock offset: -2.451 ms
Remote clock offset: 3.73 ms

# Below is generated by plot.py at 2018-07-04 14:37:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.15 Mbit/s
95th percentile per-packet one-way delay: 114.786 ms
Loss rate: 5.80%
-- Flow 1:
Average throughput: 55.26 Mbit/s
95th percentile per-packet one-way delay: 109.336 ms
Loss rate: 6.60%
-- Flow 2:
Average throughput: 35.16 Mbit/s
95th percentile per-packet one-way delay: 115.423 ms
Loss rate: 4.43%
-- Flow 3:
Average throughput: 29.34 Mbit/s
95th percentile per-packet one-way delay: 117.433 ms
Loss rate: 4.38%
```

Run 6: Report of PCC-Allegro — Data Link

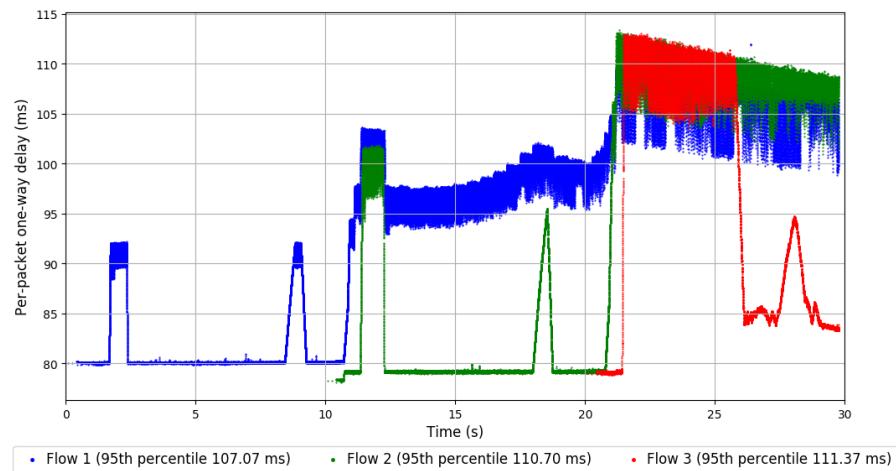
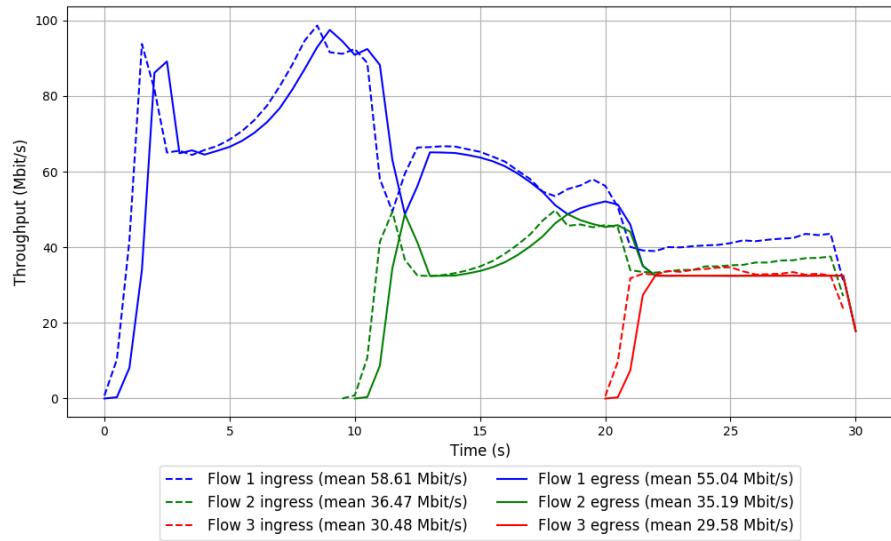


Run 7: Statistics of PCC-Allegro

```
Start at: 2018-07-04 13:16:06
End at: 2018-07-04 13:16:36
Local clock offset: -4.671 ms
Remote clock offset: 7.868 ms

# Below is generated by plot.py at 2018-07-04 14:37:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.03 Mbit/s
95th percentile per-packet one-way delay: 109.704 ms
Loss rate: 5.81%
-- Flow 1:
Average throughput: 55.04 Mbit/s
95th percentile per-packet one-way delay: 107.066 ms
Loss rate: 6.62%
-- Flow 2:
Average throughput: 35.19 Mbit/s
95th percentile per-packet one-way delay: 110.701 ms
Loss rate: 4.35%
-- Flow 3:
Average throughput: 29.58 Mbit/s
95th percentile per-packet one-way delay: 111.372 ms
Loss rate: 4.61%
```

Run 7: Report of PCC-Allegro — Data Link

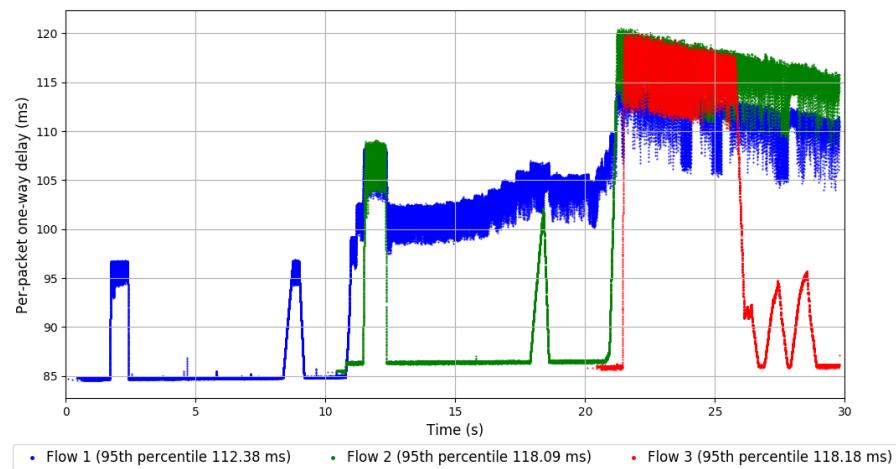
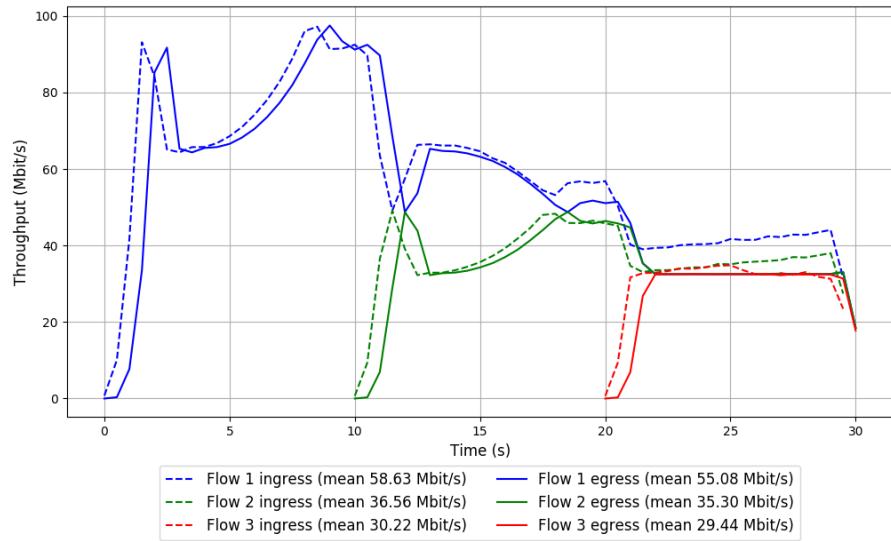


Run 8: Statistics of PCC-Allegro

```
Start at: 2018-07-04 13:37:23
End at: 2018-07-04 13:37:53
Local clock offset: -7.672 ms
Remote clock offset: 2.109 ms

# Below is generated by plot.py at 2018-07-04 14:37:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.09 Mbit/s
95th percentile per-packet one-way delay: 116.846 ms
Loss rate: 5.74%
-- Flow 1:
Average throughput: 55.08 Mbit/s
95th percentile per-packet one-way delay: 112.376 ms
Loss rate: 6.59%
-- Flow 2:
Average throughput: 35.30 Mbit/s
95th percentile per-packet one-way delay: 118.095 ms
Loss rate: 4.29%
-- Flow 3:
Average throughput: 29.44 Mbit/s
95th percentile per-packet one-way delay: 118.178 ms
Loss rate: 4.26%
```

Run 8: Report of PCC-Allegro — Data Link

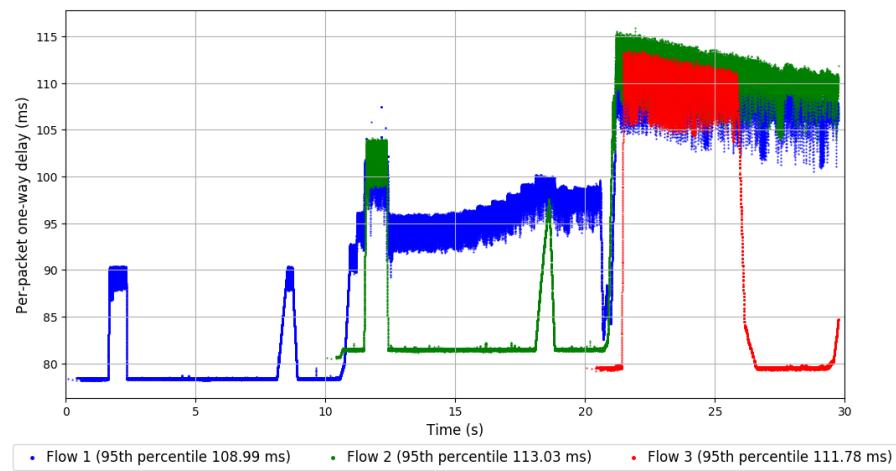
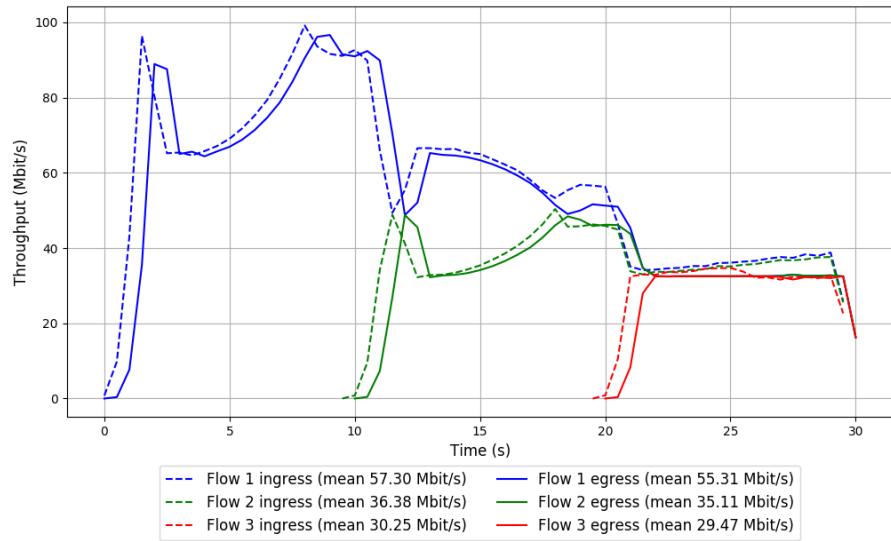


Run 9: Statistics of PCC-Allegro

```
Start at: 2018-07-04 13:59:07
End at: 2018-07-04 13:59:37
Local clock offset: -2.825 ms
Remote clock offset: 14.171 ms

# Below is generated by plot.py at 2018-07-04 14:37:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.22 Mbit/s
95th percentile per-packet one-way delay: 111.381 ms
Loss rate: 4.15%
-- Flow 1:
Average throughput: 55.31 Mbit/s
95th percentile per-packet one-way delay: 108.990 ms
Loss rate: 4.05%
-- Flow 2:
Average throughput: 35.11 Mbit/s
95th percentile per-packet one-way delay: 113.029 ms
Loss rate: 4.35%
-- Flow 3:
Average throughput: 29.47 Mbit/s
95th percentile per-packet one-way delay: 111.778 ms
Loss rate: 4.24%
```

Run 9: Report of PCC-Allegro — Data Link

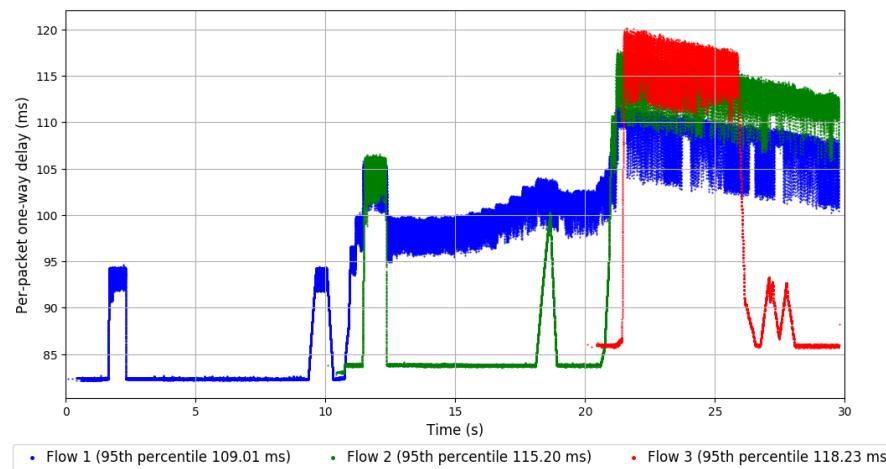
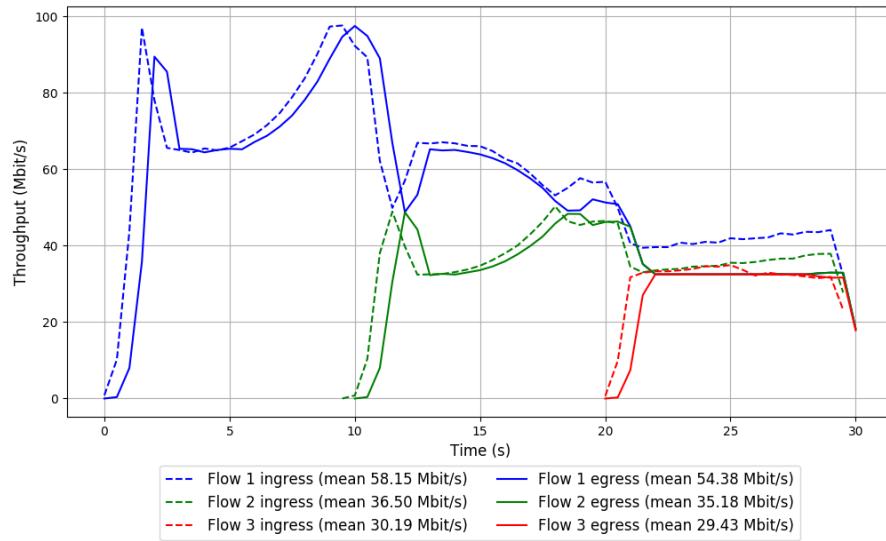


Run 10: Statistics of PCC-Allegro

```
Start at: 2018-07-04 14:20:26
End at: 2018-07-04 14:20:56
Local clock offset: -2.622 ms
Remote clock offset: 6.412 ms

# Below is generated by plot.py at 2018-07-04 14:37:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.31 Mbit/s
95th percentile per-packet one-way delay: 115.101 ms
Loss rate: 6.03%
-- Flow 1:
Average throughput: 54.38 Mbit/s
95th percentile per-packet one-way delay: 109.006 ms
Loss rate: 7.01%
-- Flow 2:
Average throughput: 35.18 Mbit/s
95th percentile per-packet one-way delay: 115.197 ms
Loss rate: 4.45%
-- Flow 3:
Average throughput: 29.43 Mbit/s
95th percentile per-packet one-way delay: 118.230 ms
Loss rate: 4.19%
```

Run 10: Report of PCC-Allegro — Data Link

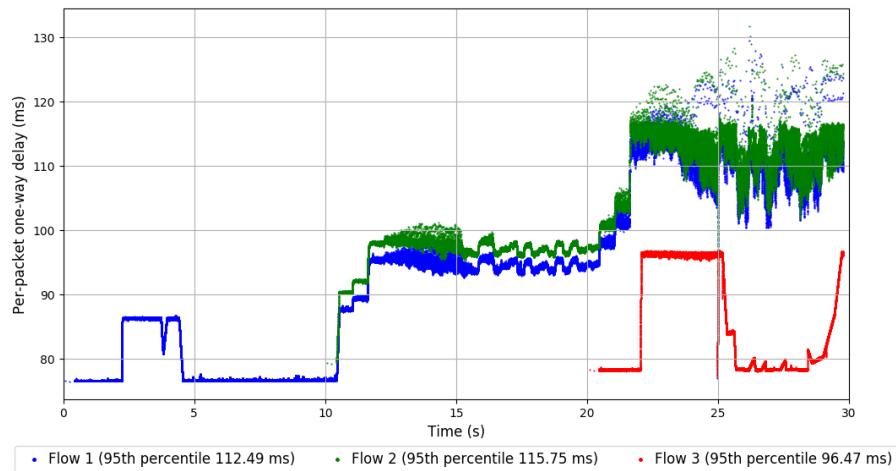
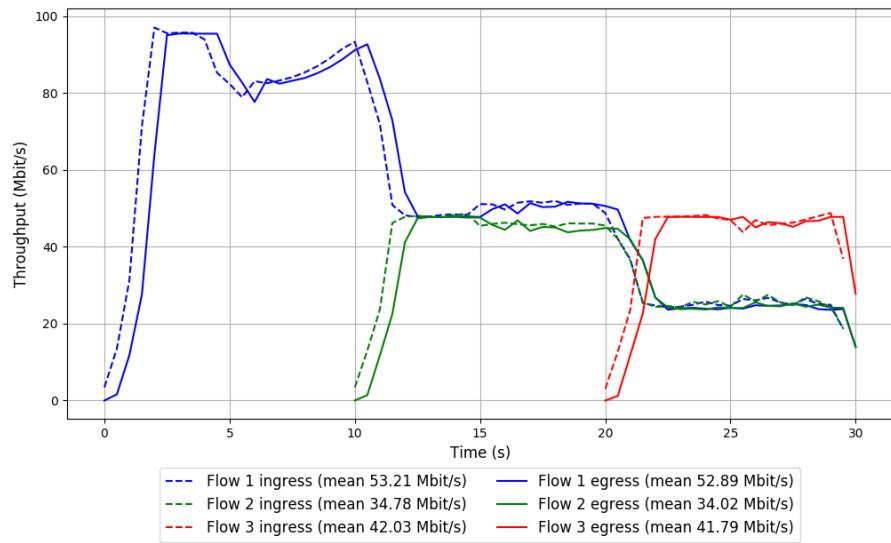


Run 1: Statistics of PCC-Expr

```
Start at: 2018-07-04 10:51:47
End at: 2018-07-04 10:52:17
Local clock offset: -2.468 ms
Remote clock offset: 12.23 ms

# Below is generated by plot.py at 2018-07-04 14:38:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.10 Mbit/s
95th percentile per-packet one-way delay: 113.429 ms
Loss rate: 1.87%
-- Flow 1:
Average throughput: 52.89 Mbit/s
95th percentile per-packet one-way delay: 112.488 ms
Loss rate: 1.19%
-- Flow 2:
Average throughput: 34.02 Mbit/s
95th percentile per-packet one-way delay: 115.745 ms
Loss rate: 3.13%
-- Flow 3:
Average throughput: 41.79 Mbit/s
95th percentile per-packet one-way delay: 96.467 ms
Loss rate: 2.35%
```

Run 1: Report of PCC-Expr — Data Link

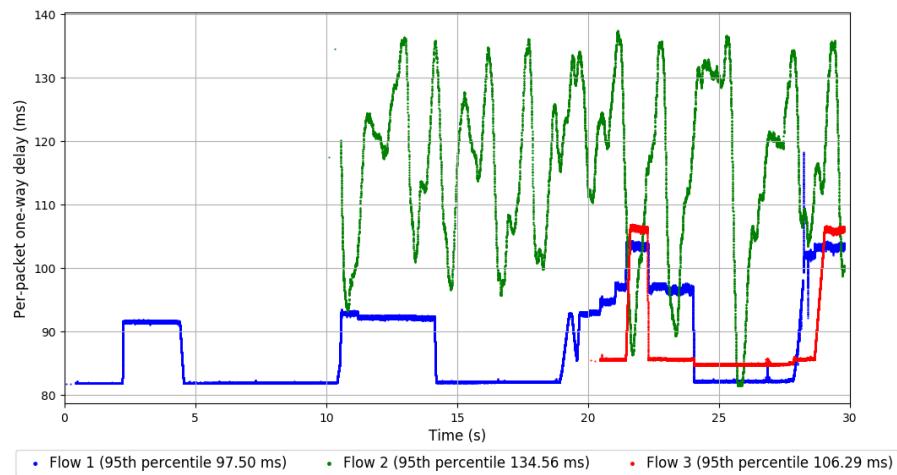
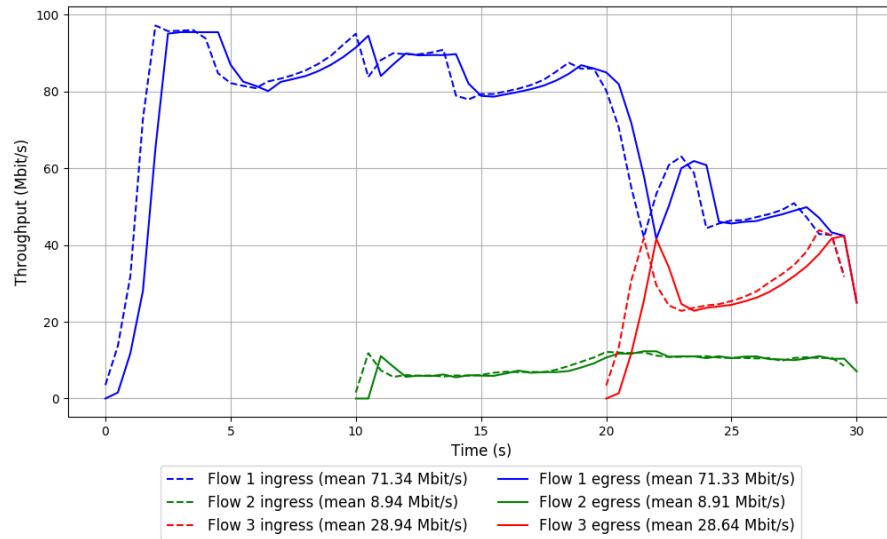


Run 2: Statistics of PCC-Expr

```
Start at: 2018-07-04 11:13:01
End at: 2018-07-04 11:13:31
Local clock offset: -3.88 ms
Remote clock offset: 12.856 ms

# Below is generated by plot.py at 2018-07-04 14:38:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.58 Mbit/s
95th percentile per-packet one-way delay: 106.865 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 71.33 Mbit/s
95th percentile per-packet one-way delay: 97.498 ms
Loss rate: 0.59%
-- Flow 2:
Average throughput: 8.91 Mbit/s
95th percentile per-packet one-way delay: 134.562 ms
Loss rate: 1.41%
-- Flow 3:
Average throughput: 28.64 Mbit/s
95th percentile per-packet one-way delay: 106.293 ms
Loss rate: 2.77%
```

Run 2: Report of PCC-Expr — Data Link

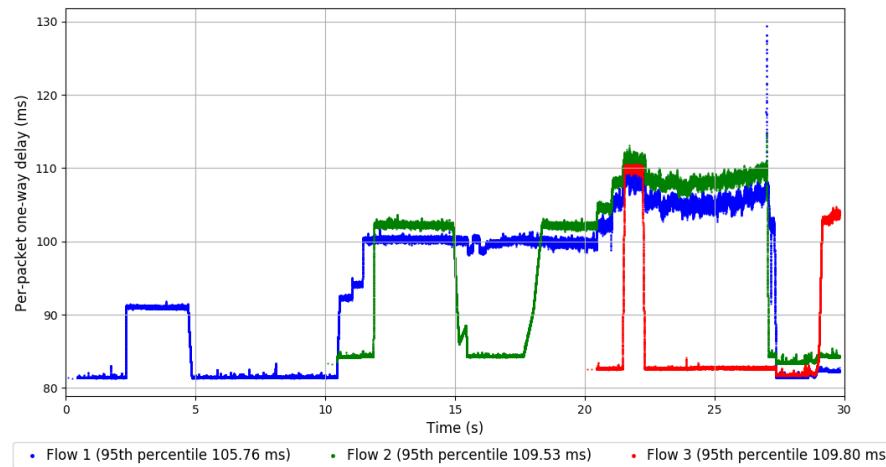
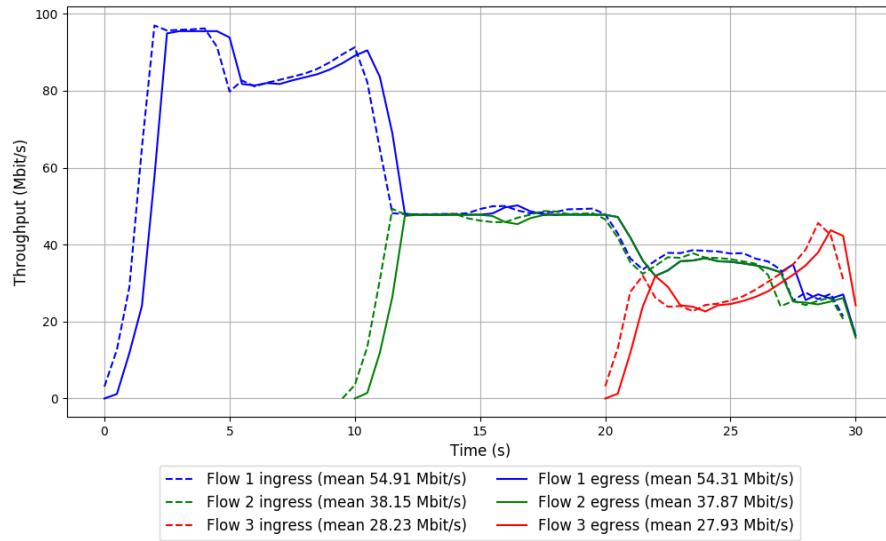


Run 3: Statistics of PCC-Expr

```
Start at: 2018-07-04 11:34:13
End at: 2018-07-04 11:34:43
Local clock offset: -7.778 ms
Remote clock offset: 11.708 ms

# Below is generated by plot.py at 2018-07-04 14:38:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.56 Mbit/s
95th percentile per-packet one-way delay: 108.392 ms
Loss rate: 1.74%
-- Flow 1:
Average throughput: 54.31 Mbit/s
95th percentile per-packet one-way delay: 105.756 ms
Loss rate: 1.64%
-- Flow 2:
Average throughput: 37.87 Mbit/s
95th percentile per-packet one-way delay: 109.525 ms
Loss rate: 1.58%
-- Flow 3:
Average throughput: 27.93 Mbit/s
95th percentile per-packet one-way delay: 109.801 ms
Loss rate: 2.79%
```

Run 3: Report of PCC-Expr — Data Link

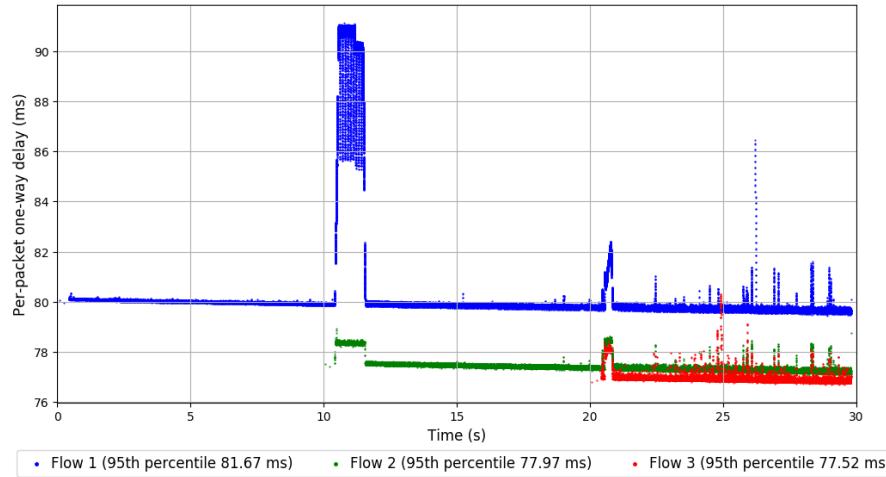
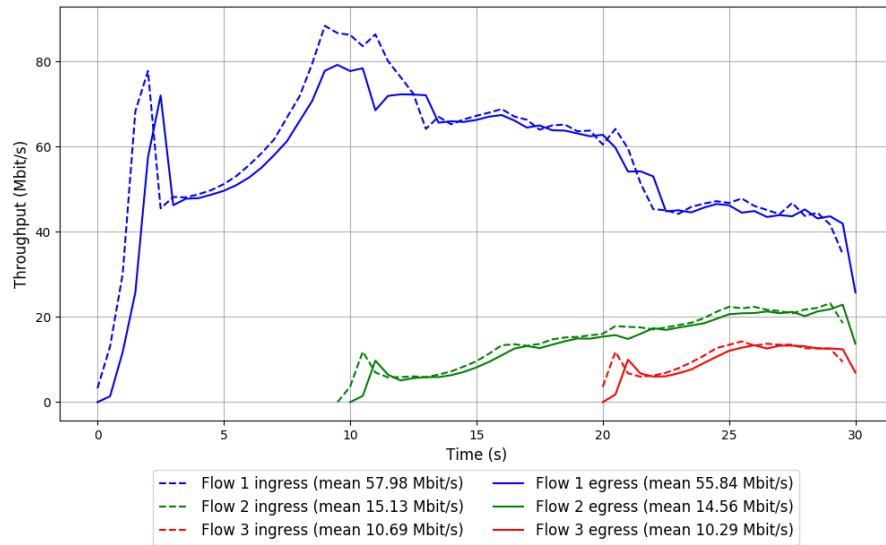


Run 4: Statistics of PCC-Expr

```
Start at: 2018-07-04 11:55:41
End at: 2018-07-04 11:56:11
Local clock offset: -2.37 ms
Remote clock offset: 15.491 ms

# Below is generated by plot.py at 2018-07-04 14:38:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 68.86 Mbit/s
95th percentile per-packet one-way delay: 80.127 ms
Loss rate: 4.35%
-- Flow 1:
Average throughput: 55.84 Mbit/s
95th percentile per-packet one-way delay: 81.672 ms
Loss rate: 4.24%
-- Flow 2:
Average throughput: 14.56 Mbit/s
95th percentile per-packet one-way delay: 77.967 ms
Loss rate: 4.63%
-- Flow 3:
Average throughput: 10.29 Mbit/s
95th percentile per-packet one-way delay: 77.524 ms
Loss rate: 5.36%
```

Run 4: Report of PCC-Expr — Data Link

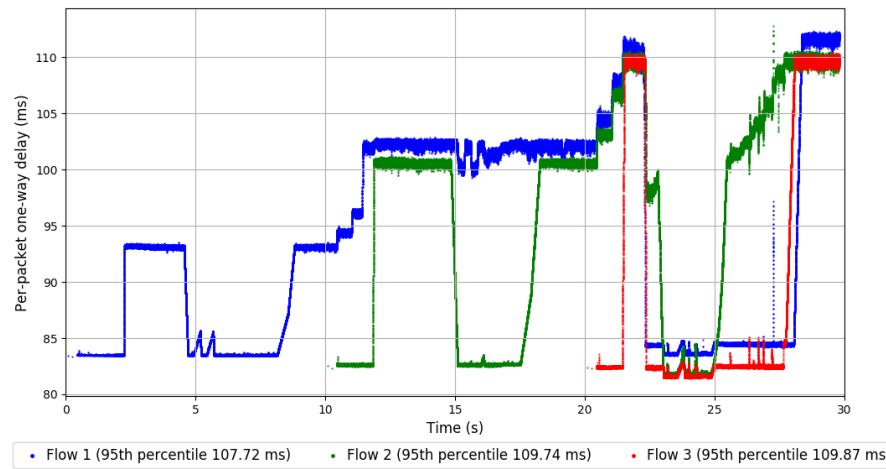
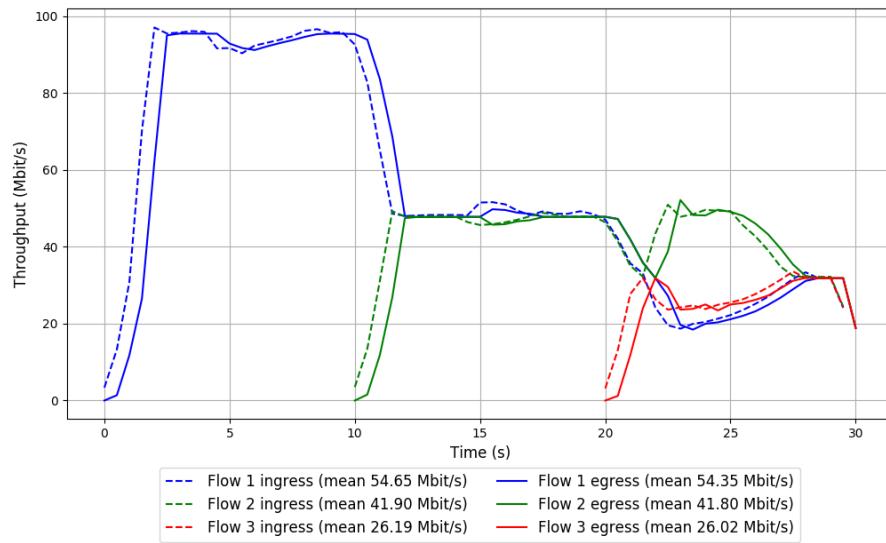


Run 5: Statistics of PCC-Expr

```
Start at: 2018-07-04 12:17:01
End at: 2018-07-04 12:17:31
Local clock offset: -2.078 ms
Remote clock offset: 2.912 ms

# Below is generated by plot.py at 2018-07-04 14:39:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.57 Mbit/s
95th percentile per-packet one-way delay: 109.739 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 54.35 Mbit/s
95th percentile per-packet one-way delay: 107.723 ms
Loss rate: 1.15%
-- Flow 2:
Average throughput: 41.80 Mbit/s
95th percentile per-packet one-way delay: 109.737 ms
Loss rate: 1.11%
-- Flow 3:
Average throughput: 26.02 Mbit/s
95th percentile per-packet one-way delay: 109.869 ms
Loss rate: 2.44%
```

Run 5: Report of PCC-Expr — Data Link

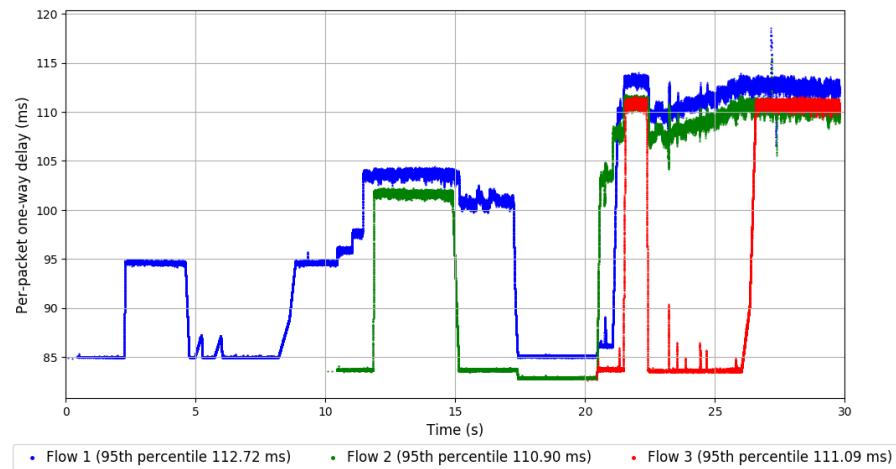
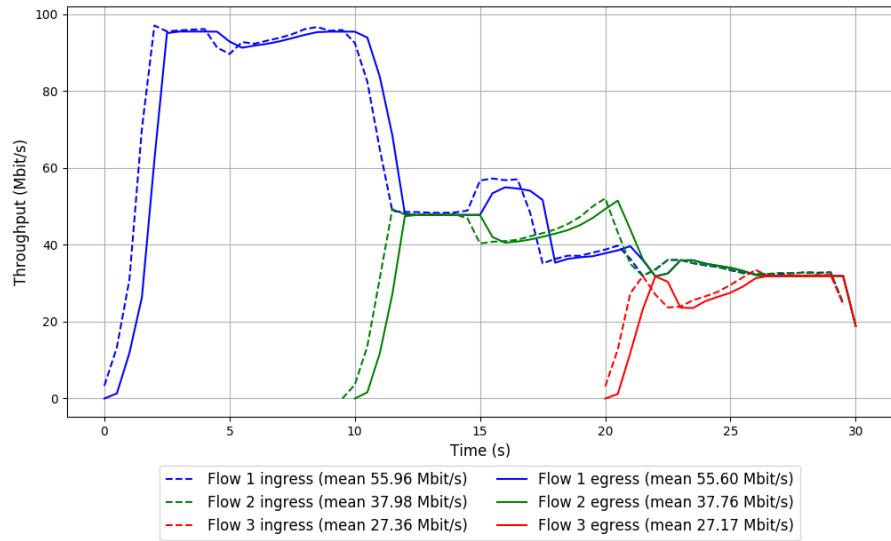


Run 6: Statistics of PCC-Expr

```
Start at: 2018-07-04 12:38:31
End at: 2018-07-04 12:39:01
Local clock offset: -2.728 ms
Remote clock offset: 2.824 ms

# Below is generated by plot.py at 2018-07-04 14:39:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.53 Mbit/s
95th percentile per-packet one-way delay: 112.288 ms
Loss rate: 1.43%
-- Flow 1:
Average throughput: 55.60 Mbit/s
95th percentile per-packet one-way delay: 112.719 ms
Loss rate: 1.23%
-- Flow 2:
Average throughput: 37.76 Mbit/s
95th percentile per-packet one-way delay: 110.902 ms
Loss rate: 1.47%
-- Flow 3:
Average throughput: 27.17 Mbit/s
95th percentile per-packet one-way delay: 111.088 ms
Loss rate: 2.54%
```

Run 6: Report of PCC-Expr — Data Link

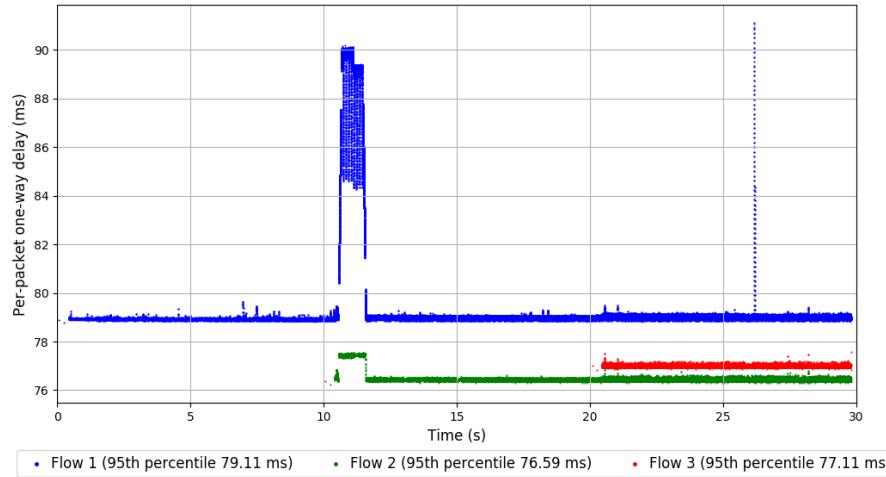
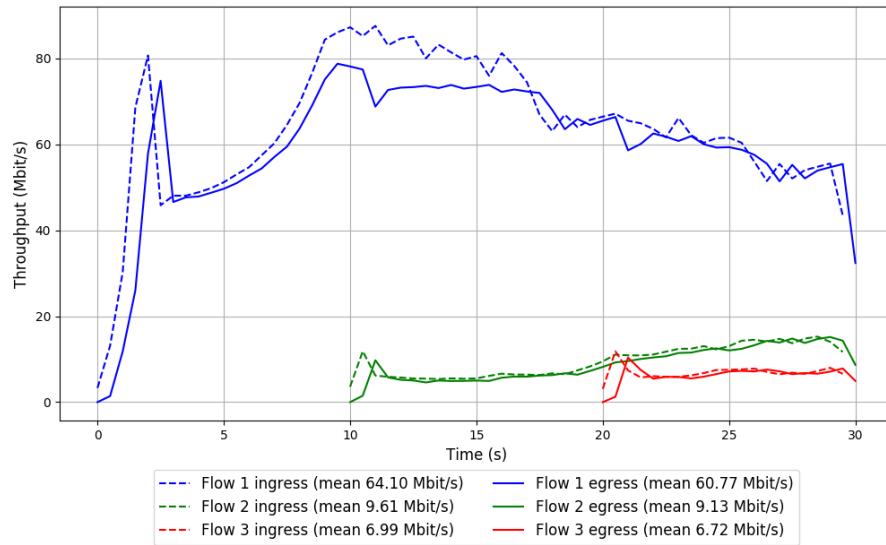


Run 7: Statistics of PCC-Expr

```
Start at: 2018-07-04 12:59:48
End at: 2018-07-04 13:00:18
Local clock offset: -2.442 ms
Remote clock offset: 9.839 ms

# Below is generated by plot.py at 2018-07-04 14:39:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 69.02 Mbit/s
95th percentile per-packet one-way delay: 79.082 ms
Loss rate: 5.75%
-- Flow 1:
Average throughput: 60.77 Mbit/s
95th percentile per-packet one-way delay: 79.106 ms
Loss rate: 5.75%
-- Flow 2:
Average throughput: 9.13 Mbit/s
95th percentile per-packet one-way delay: 76.586 ms
Loss rate: 5.82%
-- Flow 3:
Average throughput: 6.72 Mbit/s
95th percentile per-packet one-way delay: 77.107 ms
Loss rate: 5.56%
```

Run 7: Report of PCC-Expr — Data Link

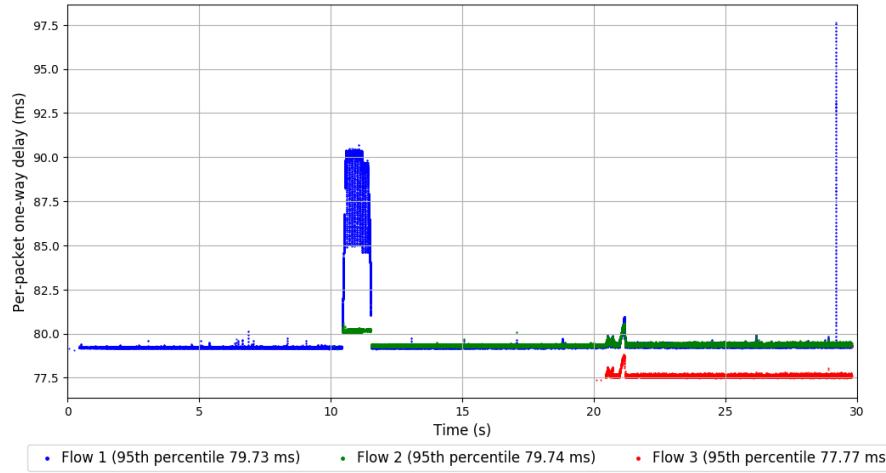
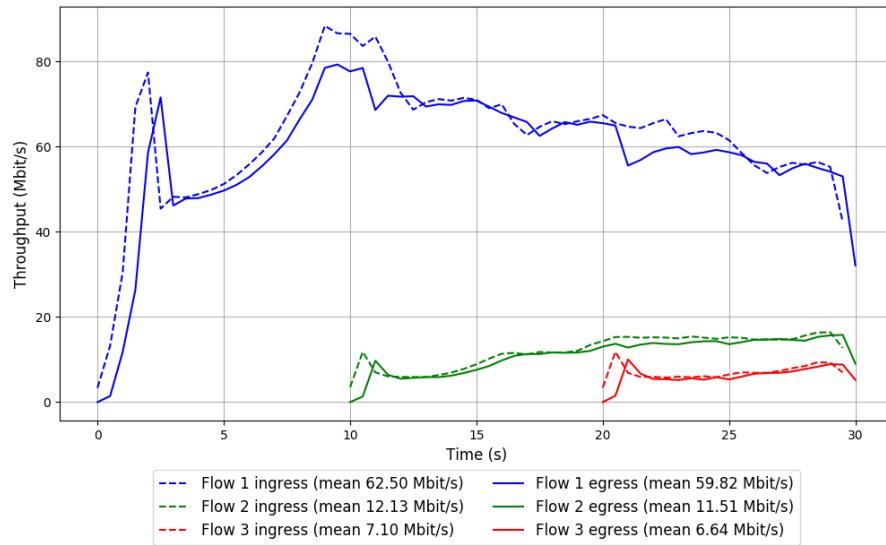


Run 8: Statistics of PCC-Expr

```
Start at: 2018-07-04 13:21:10
End at: 2018-07-04 13:21:40
Local clock offset: -5.955 ms
Remote clock offset: 7.598 ms

# Below is generated by plot.py at 2018-07-04 14:39:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 69.62 Mbit/s
95th percentile per-packet one-way delay: 79.651 ms
Loss rate: 5.07%
-- Flow 1:
Average throughput: 59.82 Mbit/s
95th percentile per-packet one-way delay: 79.729 ms
Loss rate: 4.84%
-- Flow 2:
Average throughput: 11.51 Mbit/s
95th percentile per-packet one-way delay: 79.741 ms
Loss rate: 5.95%
-- Flow 3:
Average throughput: 6.64 Mbit/s
95th percentile per-packet one-way delay: 77.774 ms
Loss rate: 7.98%
```

Run 8: Report of PCC-Expr — Data Link

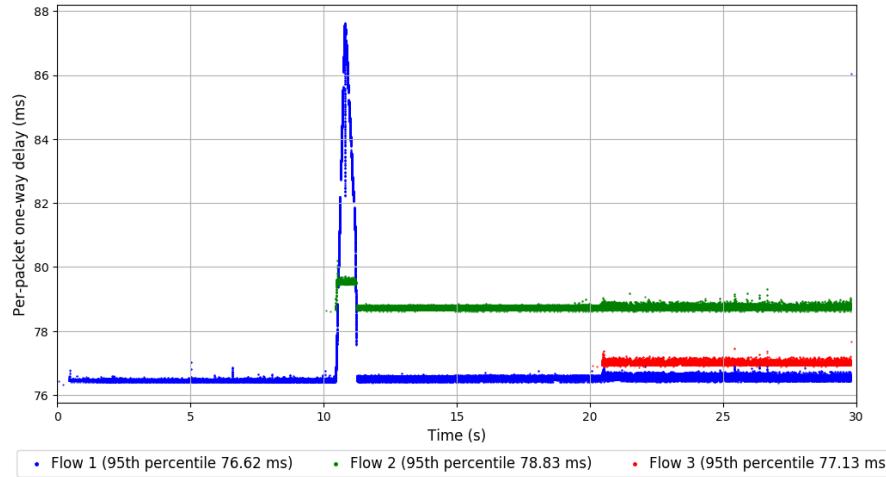
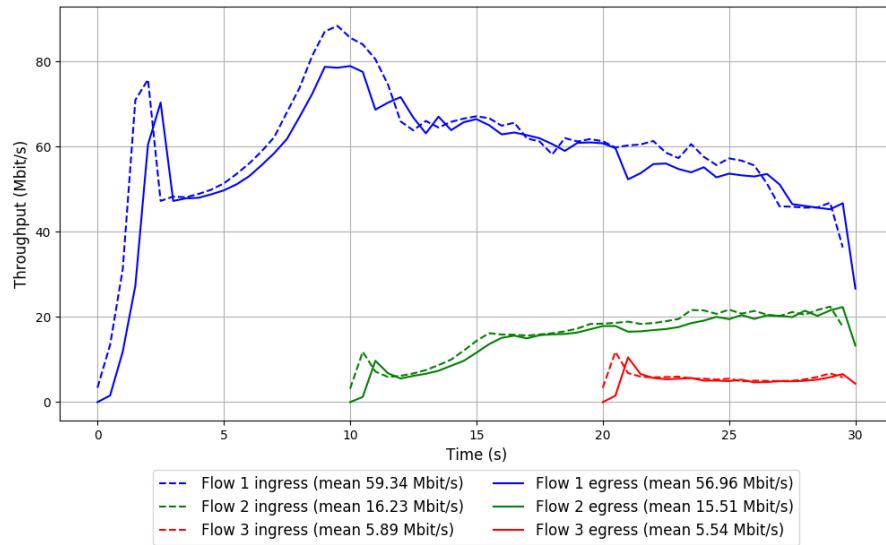


Run 9: Statistics of PCC-Expr

```
Start at: 2018-07-04 13:42:45
End at: 2018-07-04 13:43:15
Local clock offset: -6.487 ms
Remote clock offset: 11.734 ms

# Below is generated by plot.py at 2018-07-04 14:40:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 69.05 Mbit/s
95th percentile per-packet one-way delay: 78.789 ms
Loss rate: 4.75%
-- Flow 1:
Average throughput: 56.96 Mbit/s
95th percentile per-packet one-way delay: 76.620 ms
Loss rate: 4.57%
-- Flow 2:
Average throughput: 15.51 Mbit/s
95th percentile per-packet one-way delay: 78.833 ms
Loss rate: 5.27%
-- Flow 3:
Average throughput: 5.54 Mbit/s
95th percentile per-packet one-way delay: 77.127 ms
Loss rate: 7.64%
```

Run 9: Report of PCC-Expr — Data Link

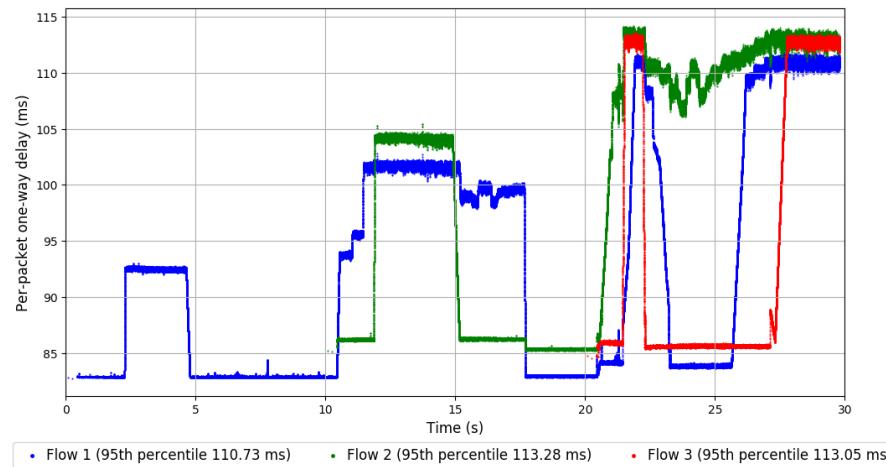
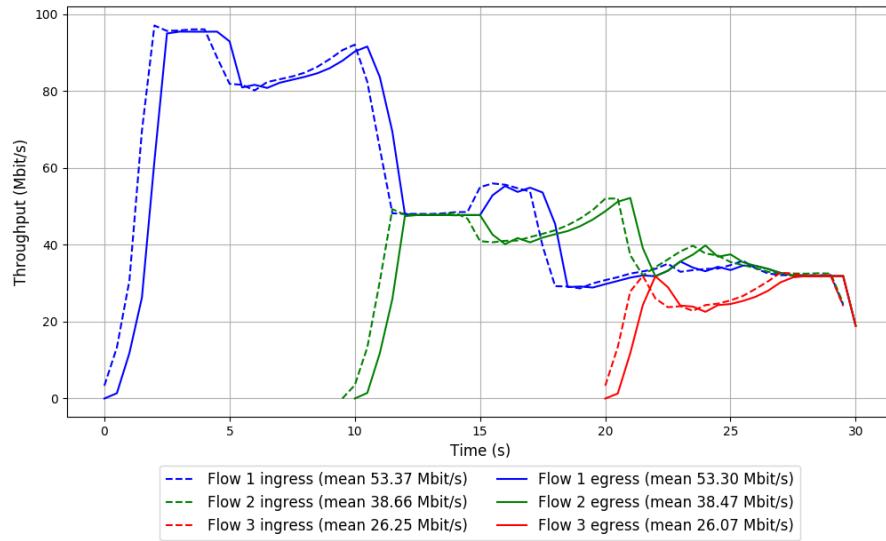


Run 10: Statistics of PCC-Expr

```
Start at: 2018-07-04 14:04:14
End at: 2018-07-04 14:04:44
Local clock offset: -2.459 ms
Remote clock offset: 10.74 ms

# Below is generated by plot.py at 2018-07-04 14:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.33 Mbit/s
95th percentile per-packet one-way delay: 112.788 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 53.30 Mbit/s
95th percentile per-packet one-way delay: 110.727 ms
Loss rate: 0.73%
-- Flow 2:
Average throughput: 38.47 Mbit/s
95th percentile per-packet one-way delay: 113.281 ms
Loss rate: 1.39%
-- Flow 3:
Average throughput: 26.07 Mbit/s
95th percentile per-packet one-way delay: 113.052 ms
Loss rate: 2.46%
```

Run 10: Report of PCC-Expr — Data Link

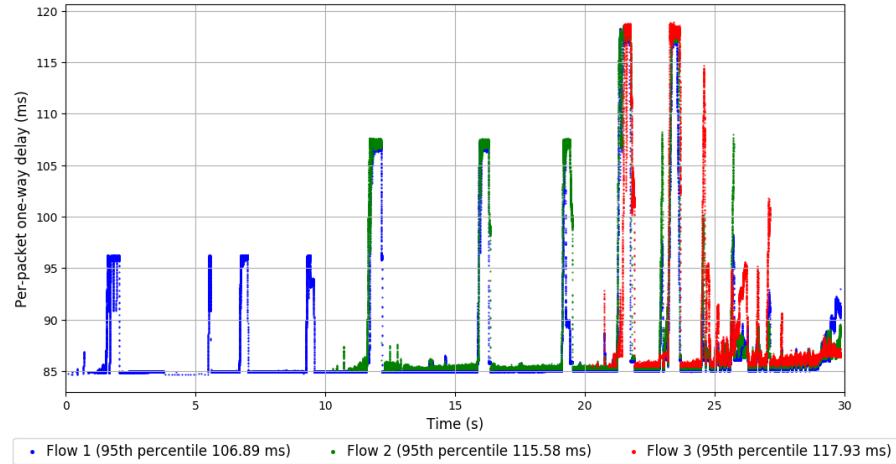
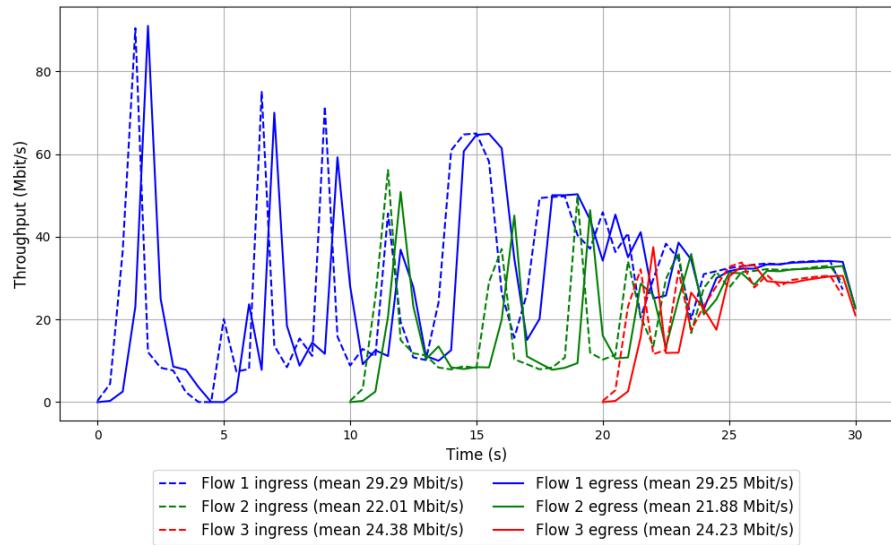


Run 1: Statistics of QUIC Cubic

```
Start at: 2018-07-04 10:55:39
End at: 2018-07-04 10:56:09
Local clock offset: -2.561 ms
Remote clock offset: 7.806 ms

# Below is generated by plot.py at 2018-07-04 14:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 51.69 Mbit/s
95th percentile per-packet one-way delay: 107.662 ms
Loss rate: 1.12%
-- Flow 1:
Average throughput: 29.25 Mbit/s
95th percentile per-packet one-way delay: 106.888 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 21.88 Mbit/s
95th percentile per-packet one-way delay: 115.585 ms
Loss rate: 1.45%
-- Flow 3:
Average throughput: 24.23 Mbit/s
95th percentile per-packet one-way delay: 117.930 ms
Loss rate: 2.26%
```

Run 1: Report of QUIC Cubic — Data Link

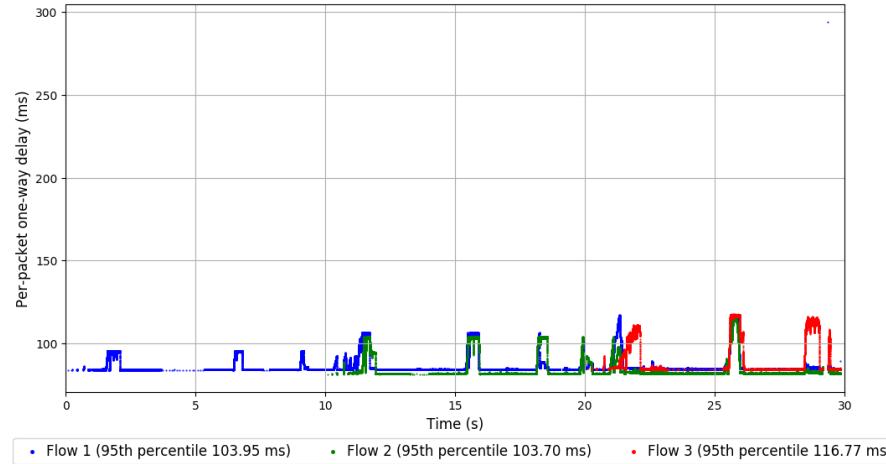
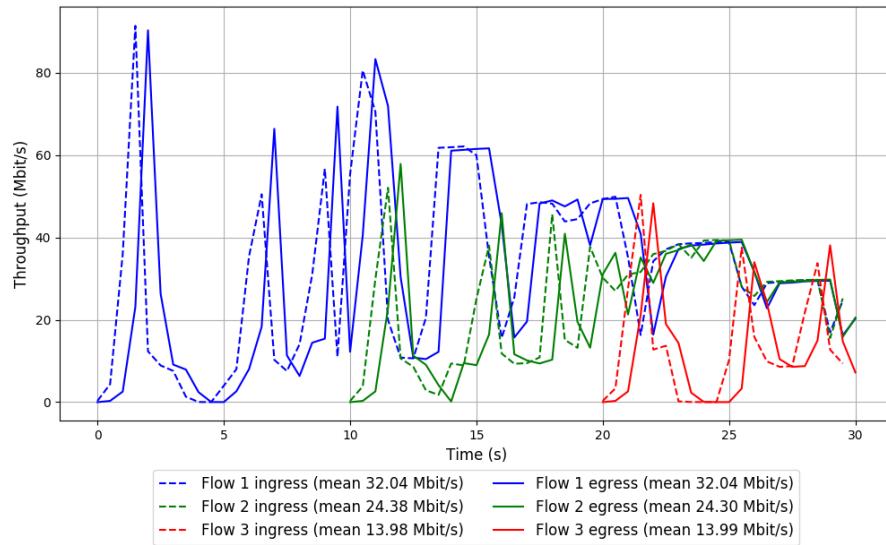


Run 2: Statistics of QUIC Cubic

```
Start at: 2018-07-04 11:16:50
End at: 2018-07-04 11:17:20
Local clock offset: -5.183 ms
Remote clock offset: 13.452 ms

# Below is generated by plot.py at 2018-07-04 14:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 52.74 Mbit/s
95th percentile per-packet one-way delay: 106.227 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 32.04 Mbit/s
95th percentile per-packet one-way delay: 103.954 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 24.30 Mbit/s
95th percentile per-packet one-way delay: 103.698 ms
Loss rate: 1.10%
-- Flow 3:
Average throughput: 13.99 Mbit/s
95th percentile per-packet one-way delay: 116.766 ms
Loss rate: 1.66%
```

Run 2: Report of QUIC Cubic — Data Link

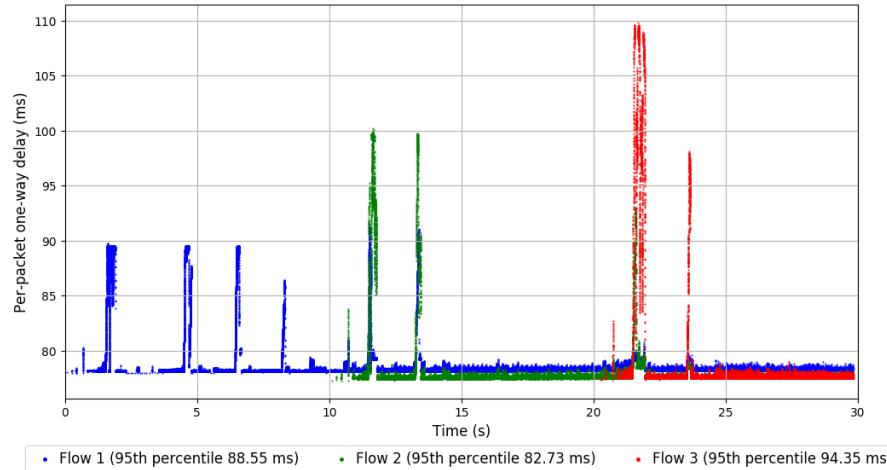
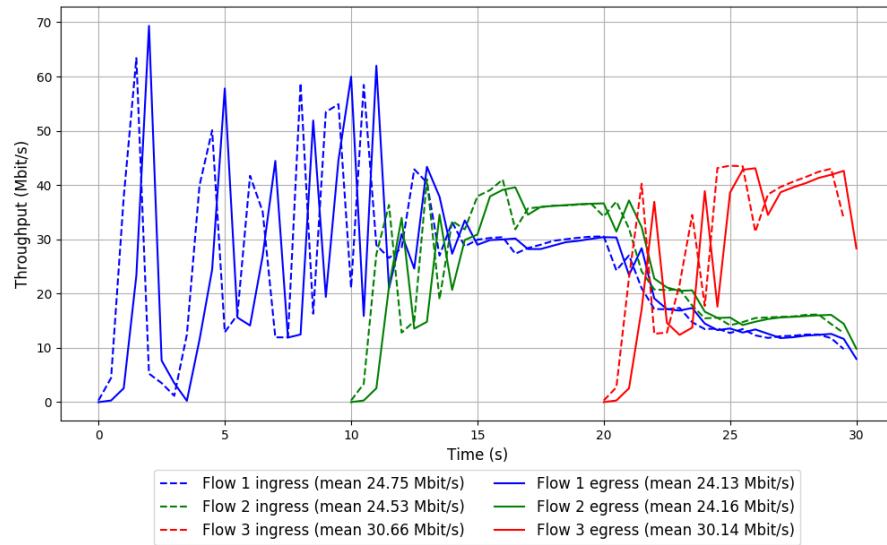


Run 3: Statistics of QUIC Cubic

```
Start at: 2018-07-04 11:38:14
End at: 2018-07-04 11:38:44
Local clock offset: -8.109 ms
Remote clock offset: 15.569 ms

# Below is generated by plot.py at 2018-07-04 14:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 50.00 Mbit/s
95th percentile per-packet one-way delay: 88.284 ms
Loss rate: 2.88%
-- Flow 1:
Average throughput: 24.13 Mbit/s
95th percentile per-packet one-way delay: 88.552 ms
Loss rate: 3.01%
-- Flow 2:
Average throughput: 24.16 Mbit/s
95th percentile per-packet one-way delay: 82.729 ms
Loss rate: 2.37%
-- Flow 3:
Average throughput: 30.14 Mbit/s
95th percentile per-packet one-way delay: 94.351 ms
Loss rate: 3.37%
```

Run 3: Report of QUIC Cubic — Data Link

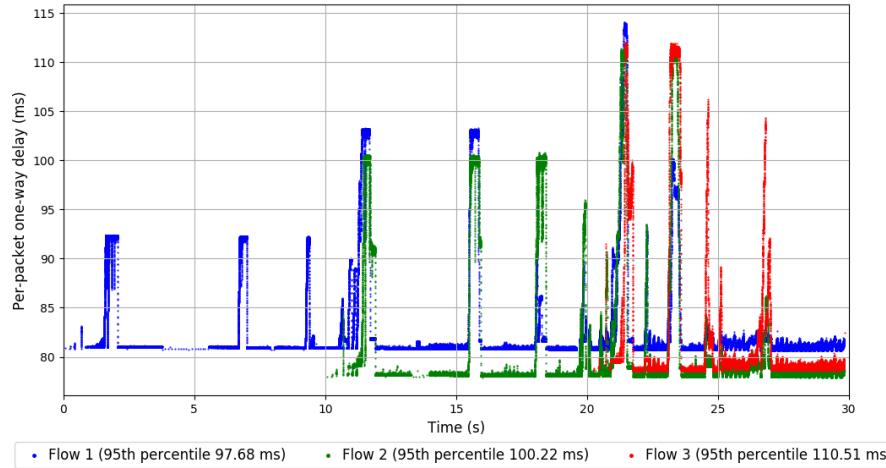
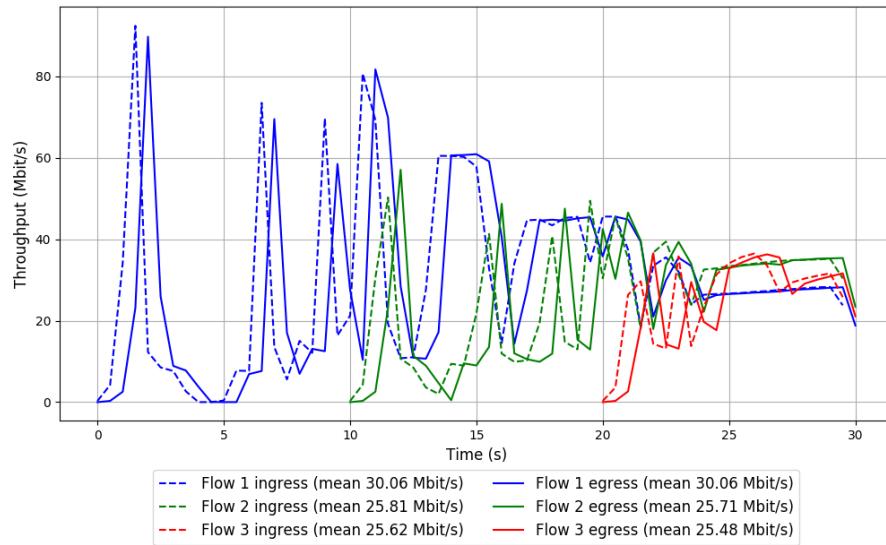


Run 4: Statistics of QUIC Cubic

```
Start at: 2018-07-04 11:59:34
End at: 2018-07-04 12:00:04
Local clock offset: -1.942 ms
Remote clock offset: 11.287 ms

# Below is generated by plot.py at 2018-07-04 14:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 55.45 Mbit/s
95th percentile per-packet one-way delay: 100.282 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 30.06 Mbit/s
95th percentile per-packet one-way delay: 97.677 ms
Loss rate: 0.57%
-- Flow 2:
Average throughput: 25.71 Mbit/s
95th percentile per-packet one-way delay: 100.222 ms
Loss rate: 1.21%
-- Flow 3:
Average throughput: 25.48 Mbit/s
95th percentile per-packet one-way delay: 110.511 ms
Loss rate: 2.17%
```

Run 4: Report of QUIC Cubic — Data Link

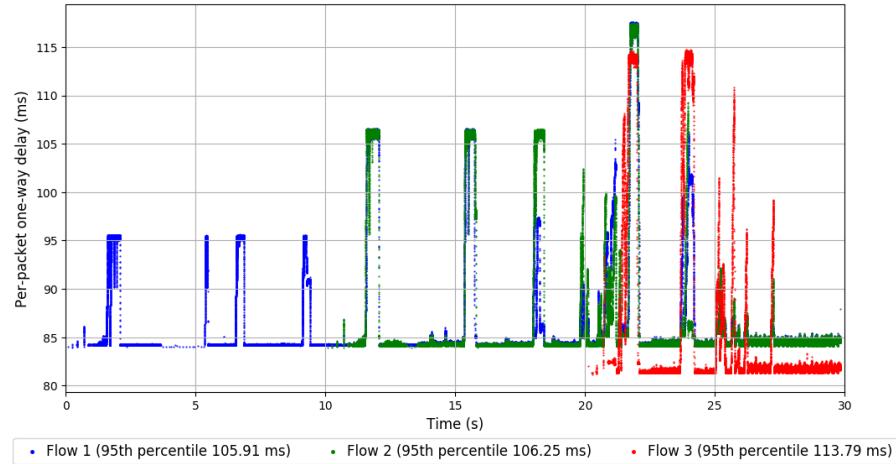
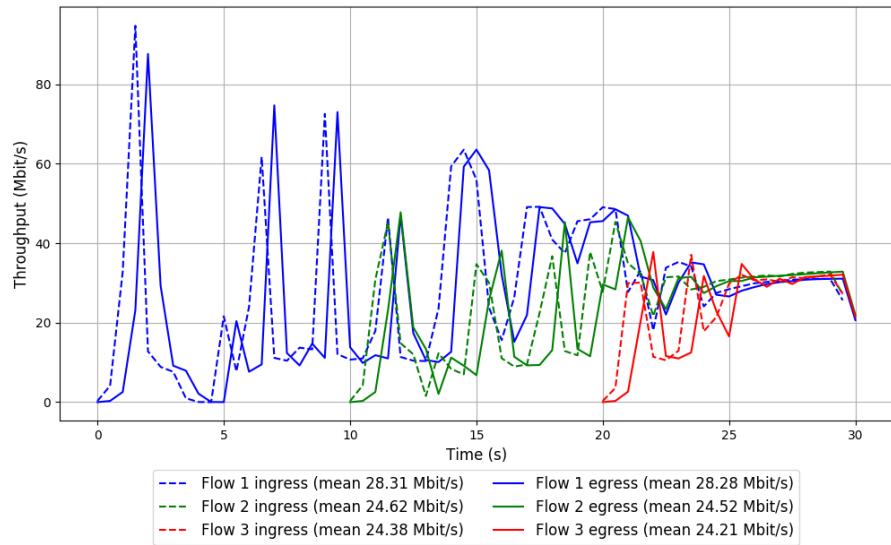


Run 5: Statistics of QUIC Cubic

```
Start at: 2018-07-04 12:20:54
End at: 2018-07-04 12:21:24
Local clock offset: -2.292 ms
Remote clock offset: 2.406 ms

# Below is generated by plot.py at 2018-07-04 14:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 52.47 Mbit/s
95th percentile per-packet one-way delay: 106.215 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 28.28 Mbit/s
95th percentile per-packet one-way delay: 105.909 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 24.52 Mbit/s
95th percentile per-packet one-way delay: 106.248 ms
Loss rate: 1.18%
-- Flow 3:
Average throughput: 24.21 Mbit/s
95th percentile per-packet one-way delay: 113.790 ms
Loss rate: 2.32%
```

Run 5: Report of QUIC Cubic — Data Link

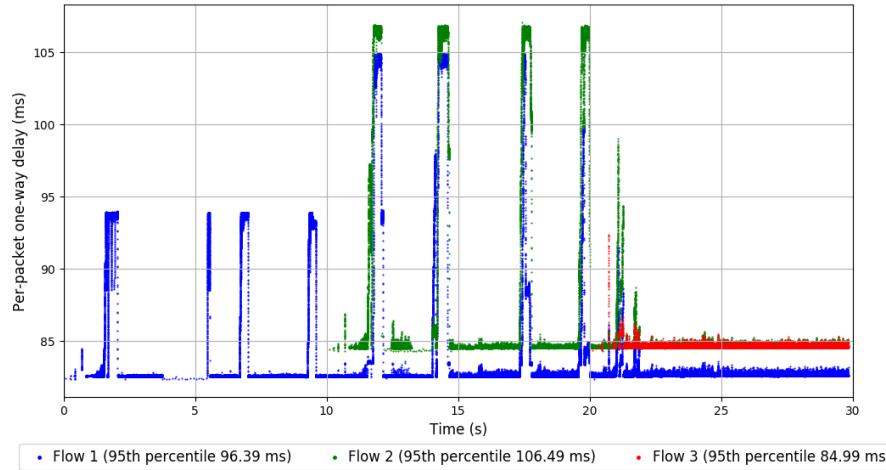
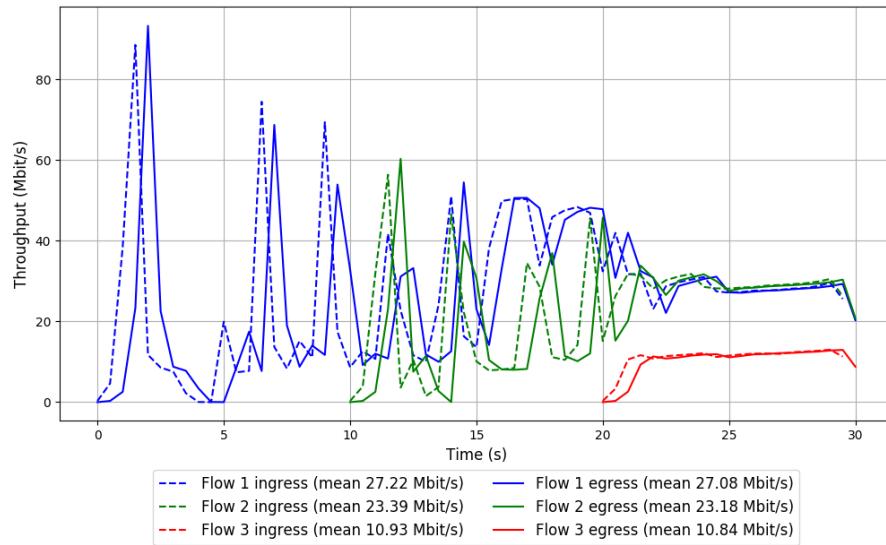


Run 6: Statistics of QUIC Cubic

```
Start at: 2018-07-04 12:42:23
End at: 2018-07-04 12:42:53
Local clock offset: -2.614 ms
Remote clock offset: 3.175 ms

# Below is generated by plot.py at 2018-07-04 14:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 46.01 Mbit/s
95th percentile per-packet one-way delay: 104.638 ms
Loss rate: 1.39%
-- Flow 1:
Average throughput: 27.08 Mbit/s
95th percentile per-packet one-way delay: 96.393 ms
Loss rate: 1.05%
-- Flow 2:
Average throughput: 23.18 Mbit/s
95th percentile per-packet one-way delay: 106.493 ms
Loss rate: 1.72%
-- Flow 3:
Average throughput: 10.84 Mbit/s
95th percentile per-packet one-way delay: 84.993 ms
Loss rate: 2.51%
```

Run 6: Report of QUIC Cubic — Data Link

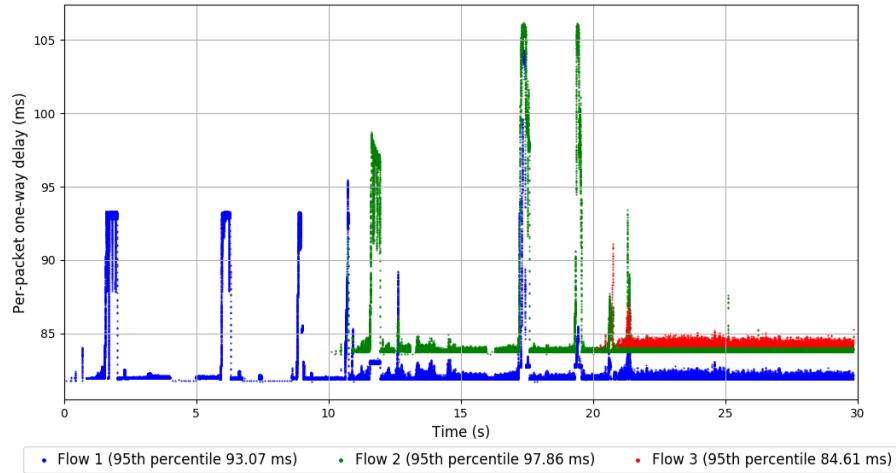
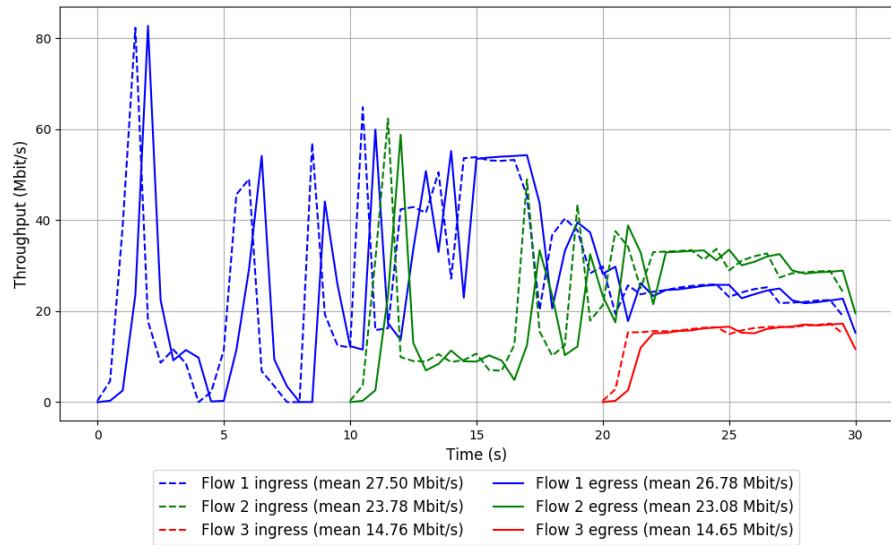


Run 7: Statistics of QUIC Cubic

```
Start at: 2018-07-04 13:03:47
End at: 2018-07-04 13:04:17
Local clock offset: -2.346 ms
Remote clock offset: 4.78 ms

# Below is generated by plot.py at 2018-07-04 14:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 46.88 Mbit/s
95th percentile per-packet one-way delay: 93.168 ms
Loss rate: 3.27%
-- Flow 1:
Average throughput: 26.78 Mbit/s
95th percentile per-packet one-way delay: 93.069 ms
Loss rate: 3.14%
-- Flow 2:
Average throughput: 23.08 Mbit/s
95th percentile per-packet one-way delay: 97.863 ms
Loss rate: 3.74%
-- Flow 3:
Average throughput: 14.65 Mbit/s
95th percentile per-packet one-way delay: 84.608 ms
Loss rate: 2.45%
```

Run 7: Report of QUIC Cubic — Data Link

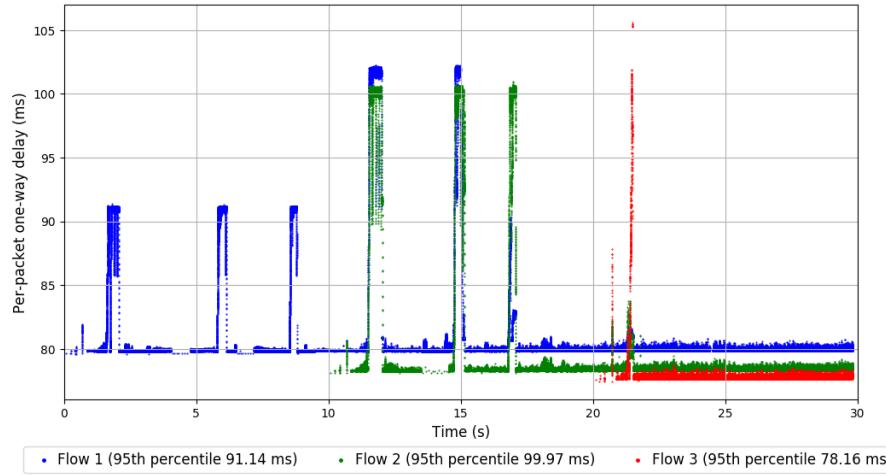
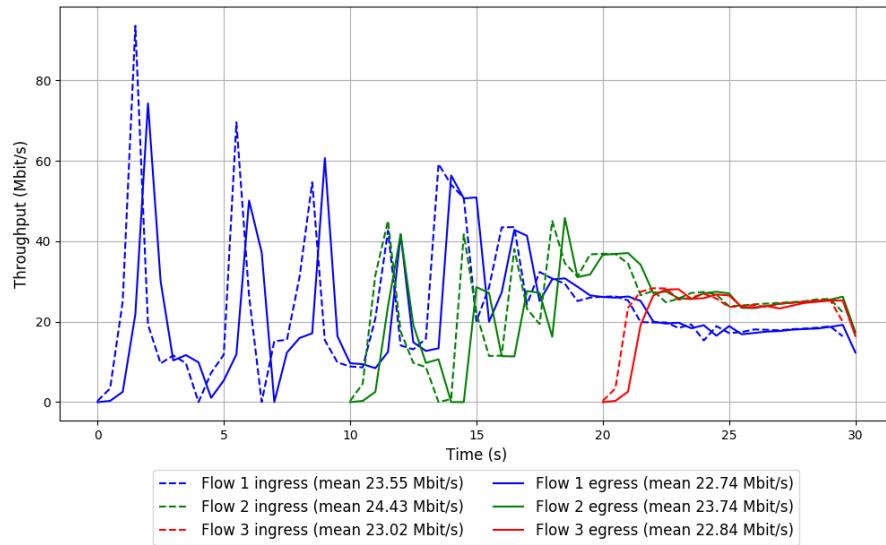


Run 8: Statistics of QUIC Cubic

```
Start at: 2018-07-04 13:25:03
End at: 2018-07-04 13:25:33
Local clock offset: -6.504 ms
Remote clock offset: 7.373 ms

# Below is generated by plot.py at 2018-07-04 14:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 45.97 Mbit/s
95th percentile per-packet one-way delay: 95.067 ms
Loss rate: 3.60%
-- Flow 1:
Average throughput: 22.74 Mbit/s
95th percentile per-packet one-way delay: 91.144 ms
Loss rate: 3.99%
-- Flow 2:
Average throughput: 23.74 Mbit/s
95th percentile per-packet one-way delay: 99.967 ms
Loss rate: 3.60%
-- Flow 3:
Average throughput: 22.84 Mbit/s
95th percentile per-packet one-way delay: 78.160 ms
Loss rate: 2.40%
```

Run 8: Report of QUIC Cubic — Data Link

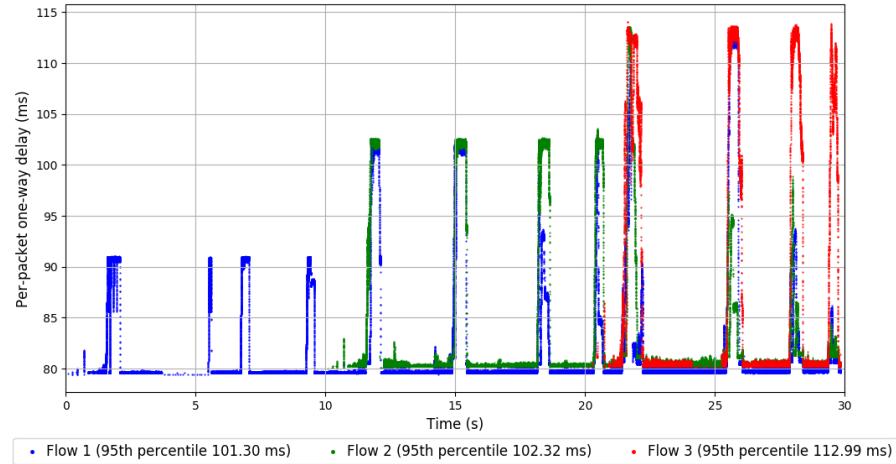
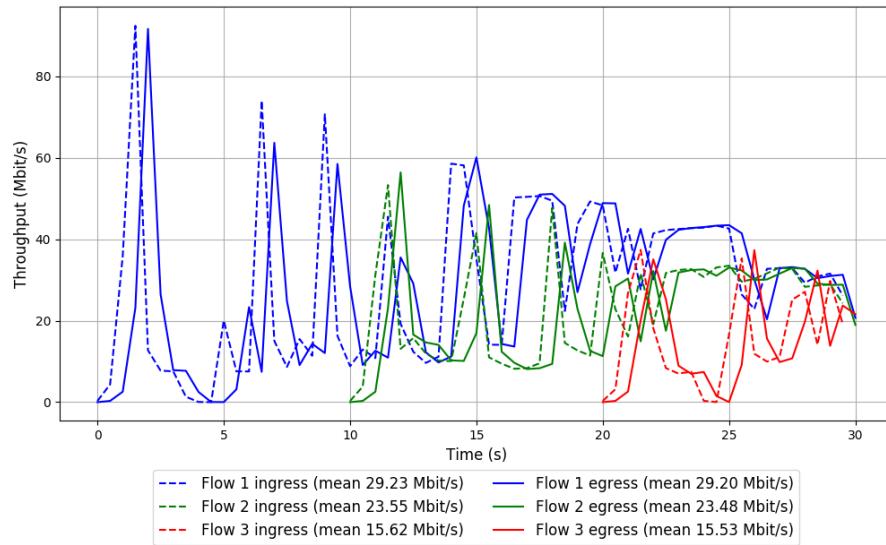


Run 9: Statistics of QUIC Cubic

```
Start at: 2018-07-04 13:46:47
End at: 2018-07-04 13:47:17
Local clock offset: -5.021 ms
Remote clock offset: 12.284 ms

# Below is generated by plot.py at 2018-07-04 14:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.85 Mbit/s
95th percentile per-packet one-way delay: 103.190 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 29.20 Mbit/s
95th percentile per-packet one-way delay: 101.300 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 23.48 Mbit/s
95th percentile per-packet one-way delay: 102.319 ms
Loss rate: 1.12%
-- Flow 3:
Average throughput: 15.53 Mbit/s
95th percentile per-packet one-way delay: 112.992 ms
Loss rate: 2.32%
```

Run 9: Report of QUIC Cubic — Data Link

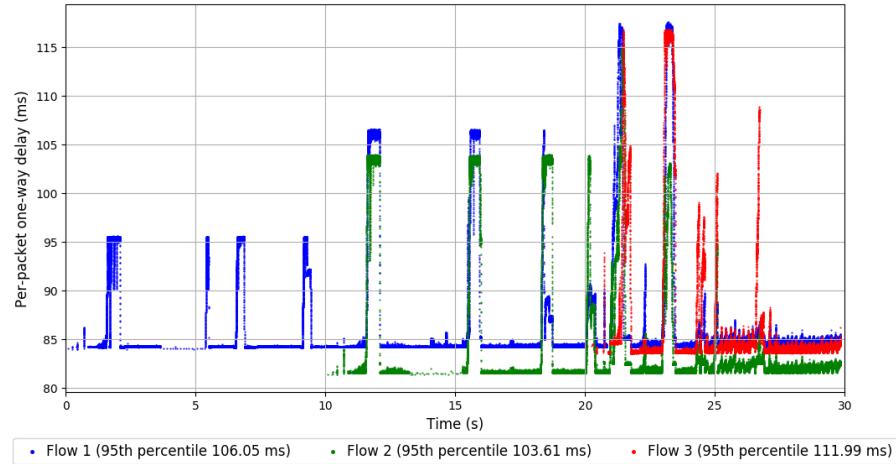
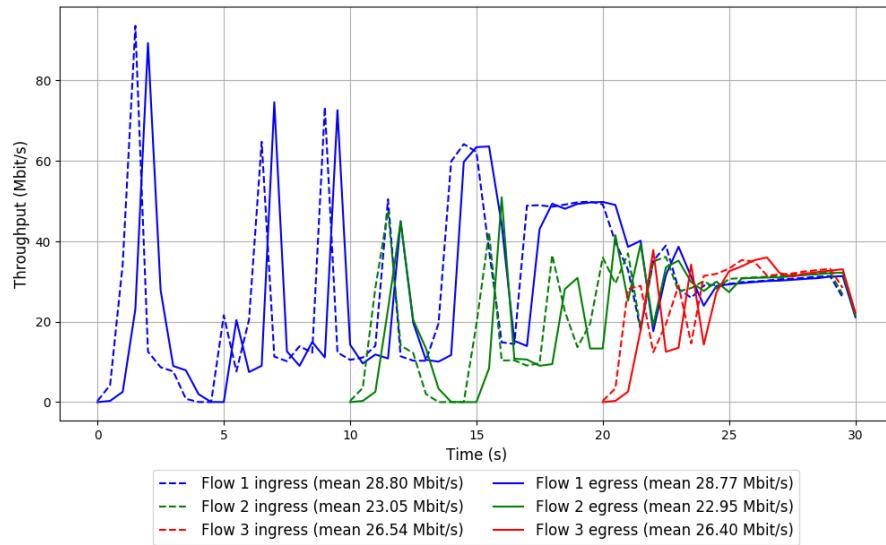


Run 10: Statistics of QUIC Cubic

```
Start at: 2018-07-04 14:08:05
End at: 2018-07-04 14:08:35
Local clock offset: -2.196 ms
Remote clock offset: 12.305 ms

# Below is generated by plot.py at 2018-07-04 14:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 52.63 Mbit/s
95th percentile per-packet one-way delay: 105.267 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 28.77 Mbit/s
95th percentile per-packet one-way delay: 106.046 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 22.95 Mbit/s
95th percentile per-packet one-way delay: 103.608 ms
Loss rate: 1.27%
-- Flow 3:
Average throughput: 26.40 Mbit/s
95th percentile per-packet one-way delay: 111.986 ms
Loss rate: 2.16%
```

Run 10: Report of QUIC Cubic — Data Link

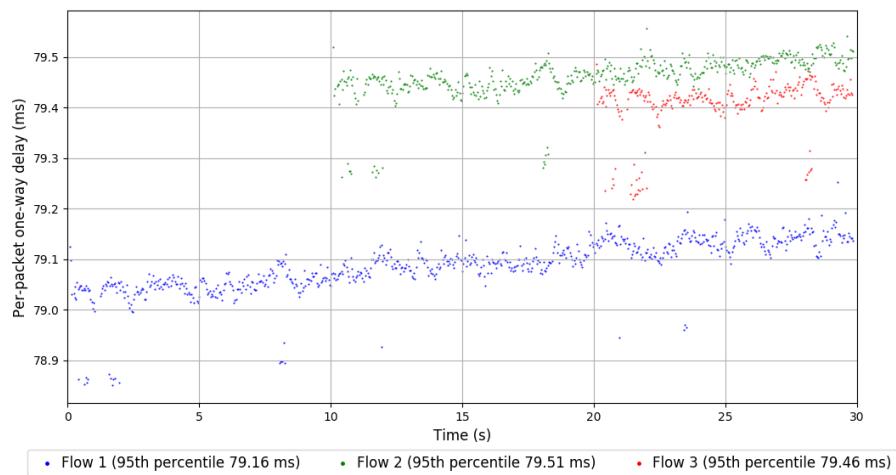
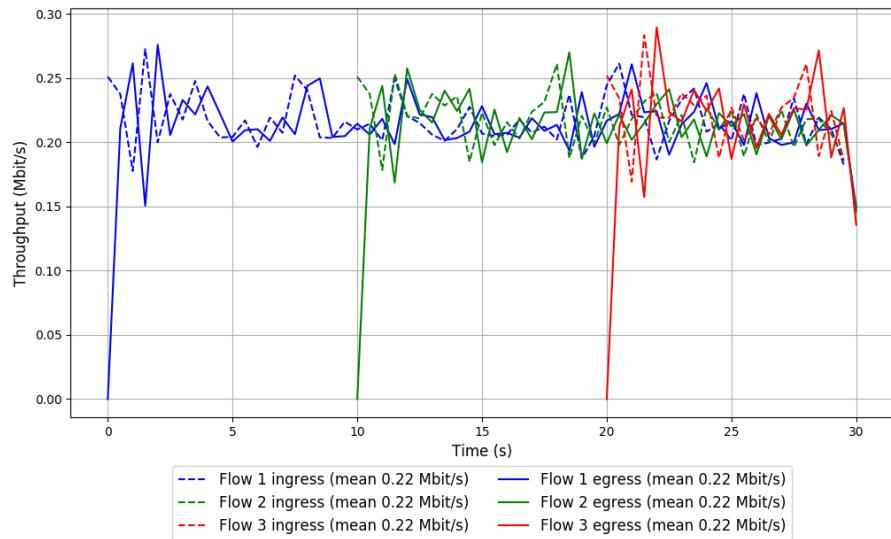


Run 1: Statistics of SCReAM

```
Start at: 2018-07-04 10:59:22
End at: 2018-07-04 10:59:52
Local clock offset: -2.59 ms
Remote clock offset: 15.007 ms

# Below is generated by plot.py at 2018-07-04 14:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 79.495 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 79.155 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 79.508 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 79.456 ms
Loss rate: 1.85%
```

Run 1: Report of SCReAM — Data Link

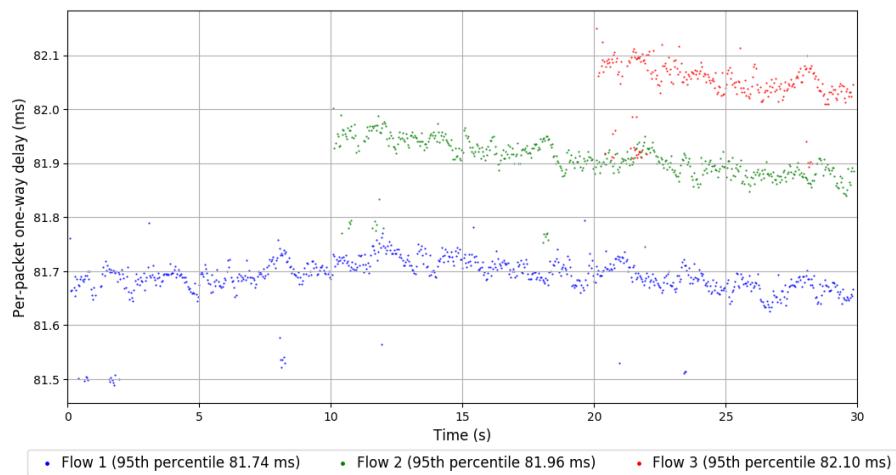
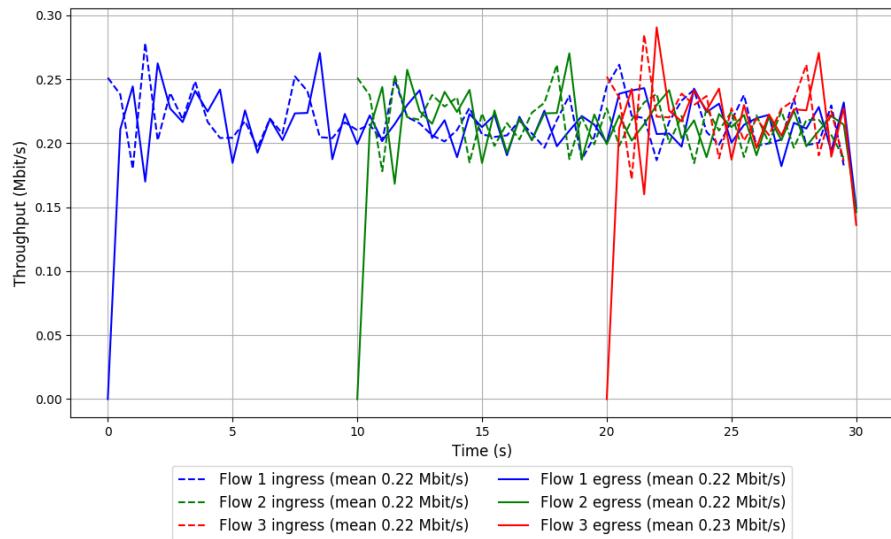


Run 2: Statistics of SCReAM

```
Start at: 2018-07-04 11:20:34
End at: 2018-07-04 11:21:04
Local clock offset: -6.136 ms
Remote clock offset: 14.075 ms

# Below is generated by plot.py at 2018-07-04 14:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 82.070 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 81.736 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 81.960 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 82.101 ms
Loss rate: 1.85%
```

Run 2: Report of SCReAM — Data Link

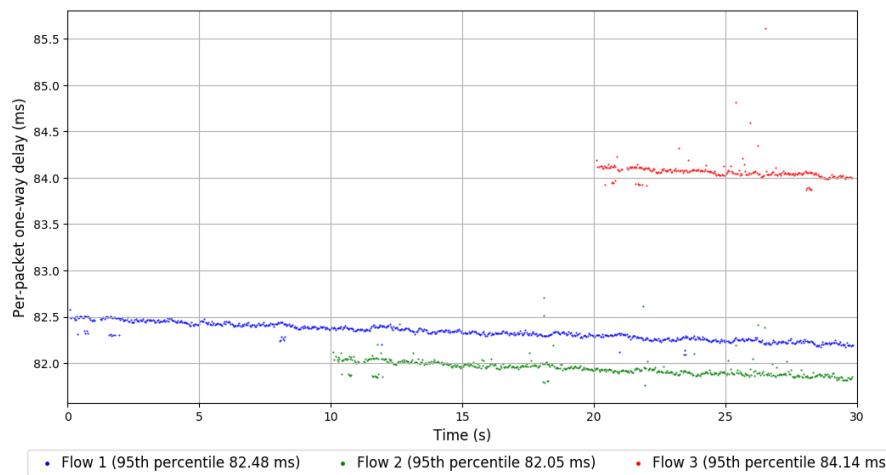
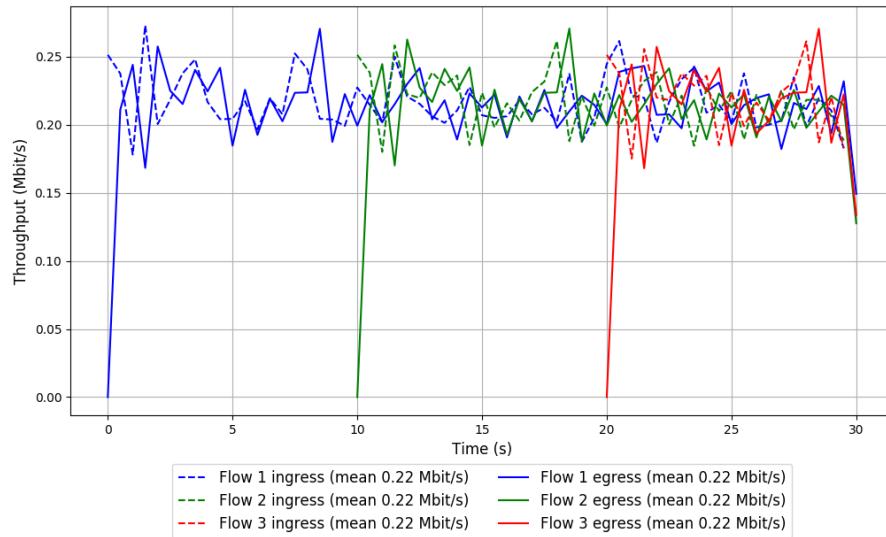


Run 3: Statistics of SCReAM

```
Start at: 2018-07-04 11:41:59
End at: 2018-07-04 11:42:29
Local clock offset: -7.093 ms
Remote clock offset: 10.586 ms

# Below is generated by plot.py at 2018-07-04 14:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 84.083 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 82.481 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 82.050 ms
Loss rate: 1.03%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.137 ms
Loss rate: 1.84%
```

Run 3: Report of SCReAM — Data Link

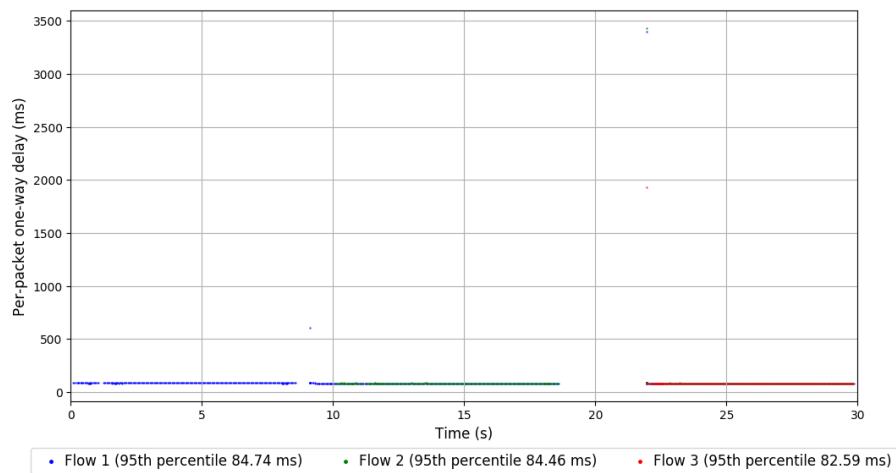
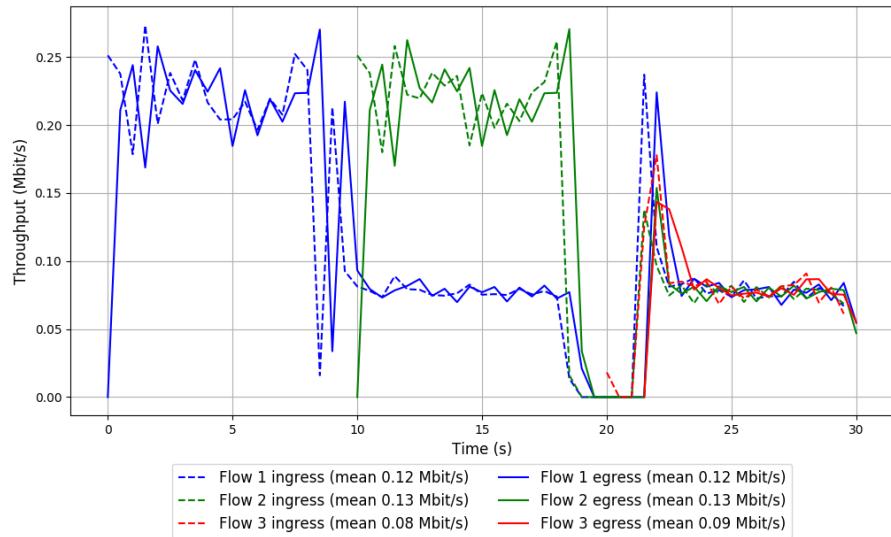


Run 4: Statistics of SCReAM

```
Start at: 2018-07-04 12:03:20
End at: 2018-07-04 12:03:50
Local clock offset: -1.572 ms
Remote clock offset: 5.297 ms

# Below is generated by plot.py at 2018-07-04 14:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 84.630 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 84.738 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 84.457 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 0.09 Mbit/s
95th percentile per-packet one-way delay: 82.589 ms
Loss rate: 1.61%
```

Run 4: Report of SCReAM — Data Link

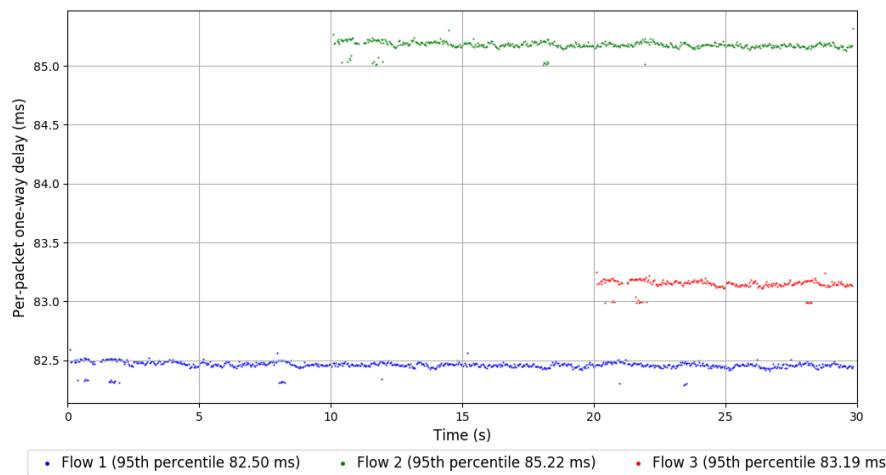
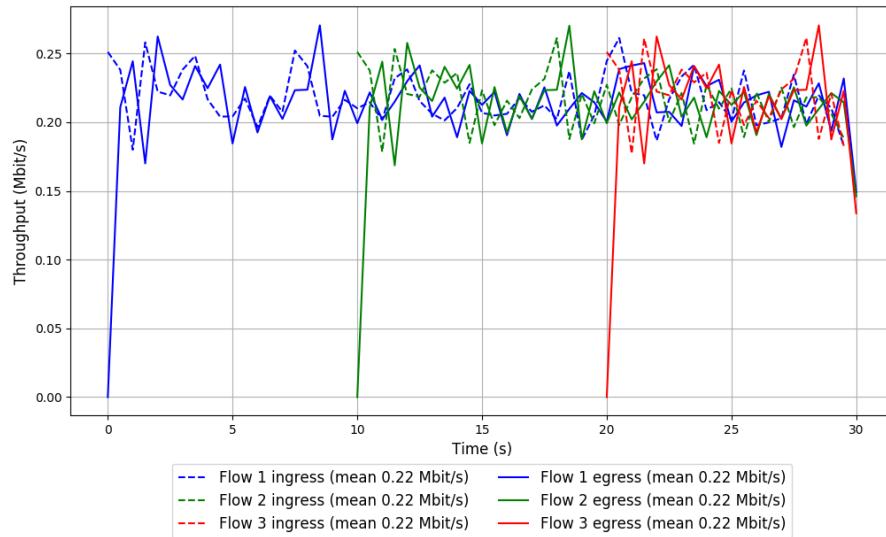


Run 5: Statistics of SCReAM

```
Start at: 2018-07-04 12:24:39
End at: 2018-07-04 12:25:09
Local clock offset: -2.46 ms
Remote clock offset: 0.884 ms

# Below is generated by plot.py at 2018-07-04 14:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 85.203 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 82.500 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.221 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.189 ms
Loss rate: 1.84%
```

Run 5: Report of SCReAM — Data Link

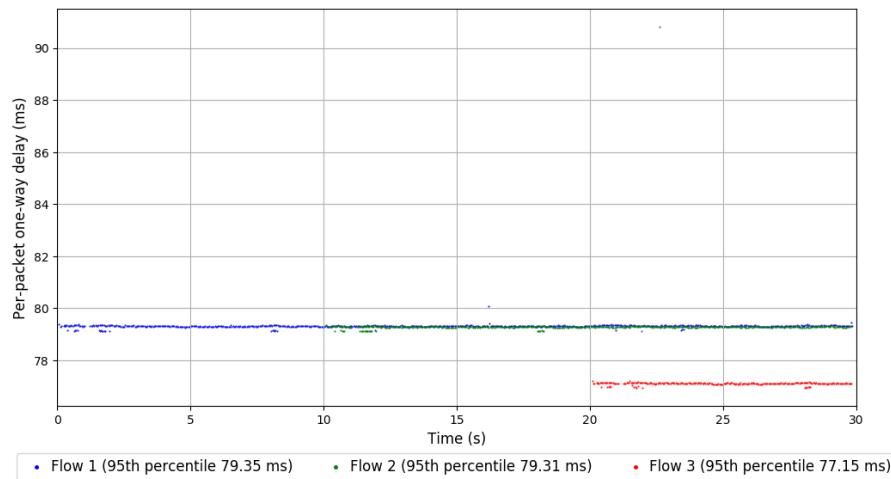
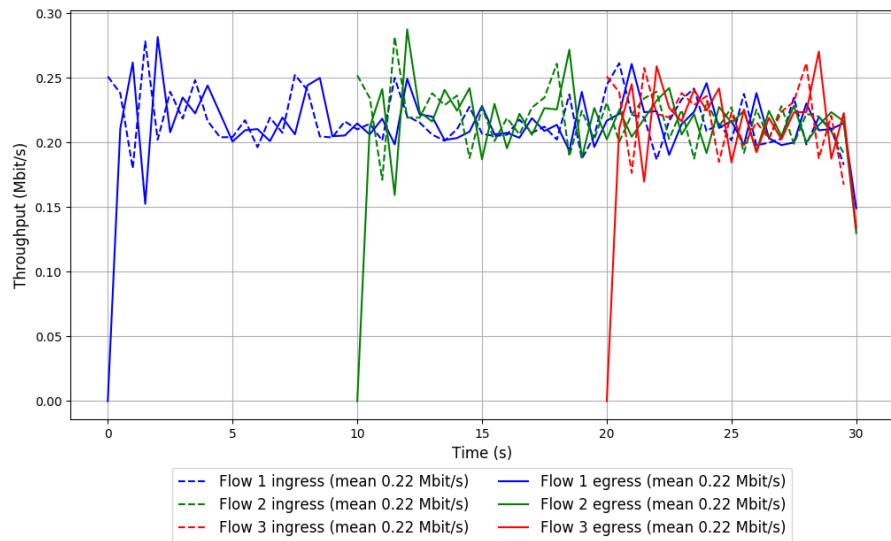


Run 6: Statistics of SCReAM

```
Start at: 2018-07-04 12:46:05
End at: 2018-07-04 12:46:35
Local clock offset: -2.556 ms
Remote clock offset: 9.468 ms

# Below is generated by plot.py at 2018-07-04 14:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 79.340 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 79.346 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 79.310 ms
Loss rate: 1.04%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 77.148 ms
Loss rate: 1.50%
```

Run 6: Report of SCReAM — Data Link

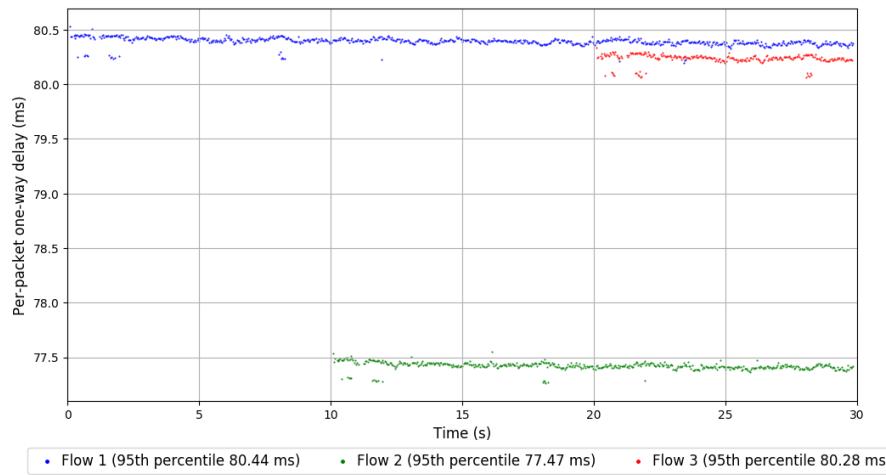
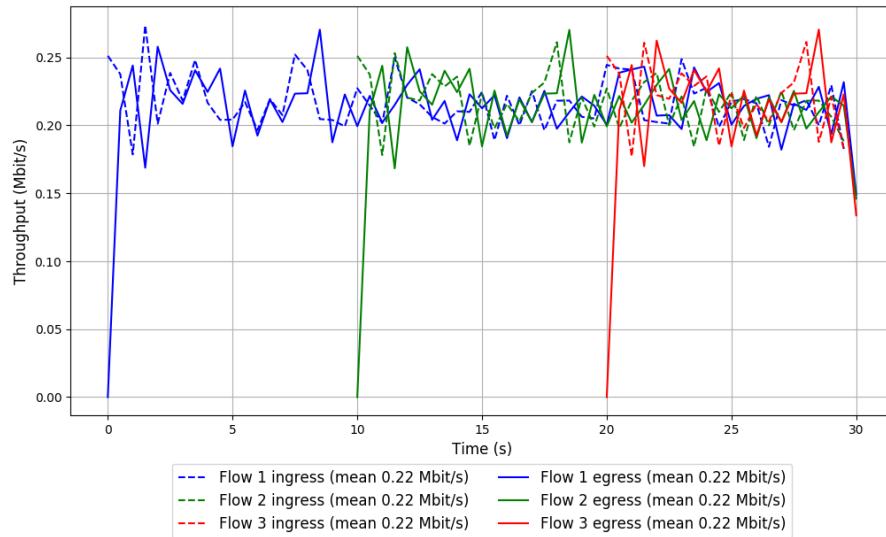


Run 7: Statistics of SCReAM

```
Start at: 2018-07-04 13:07:30
End at: 2018-07-04 13:08:00
Local clock offset: -2.311 ms
Remote clock offset: 8.374 ms

# Below is generated by plot.py at 2018-07-04 14:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 80.433 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.442 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 77.472 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.285 ms
Loss rate: 1.84%
```

Run 7: Report of SCReAM — Data Link

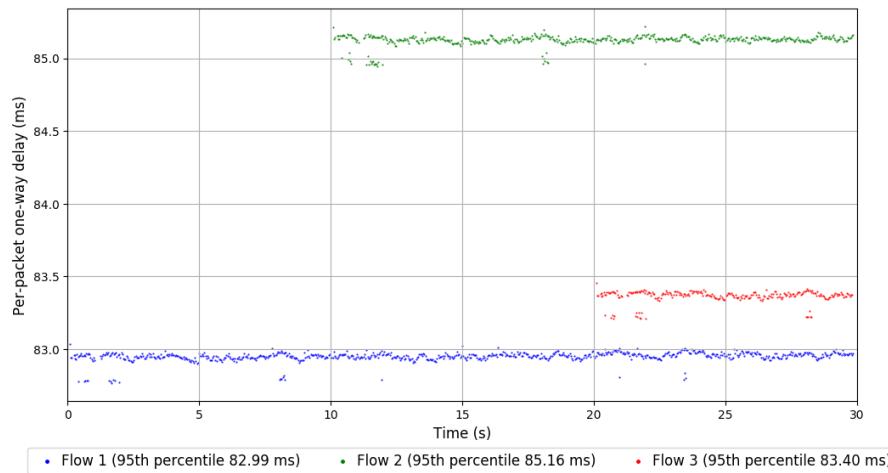
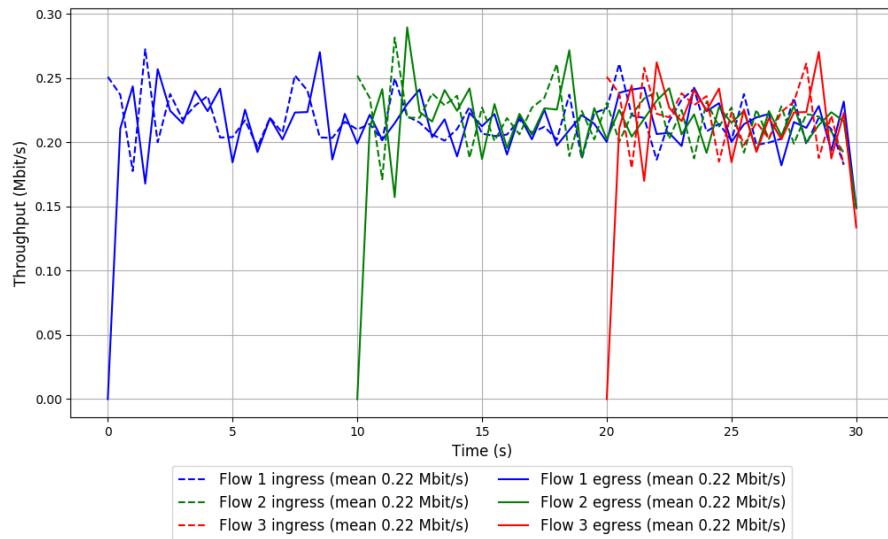


Run 8: Statistics of SCReAM

```
Start at: 2018-07-04 13:28:46
End at: 2018-07-04 13:29:16
Local clock offset: -6.937 ms
Remote clock offset: 2.3 ms

# Below is generated by plot.py at 2018-07-04 14:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 85.149 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 82.986 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.159 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.402 ms
Loss rate: 1.84%
```

Run 8: Report of SCReAM — Data Link

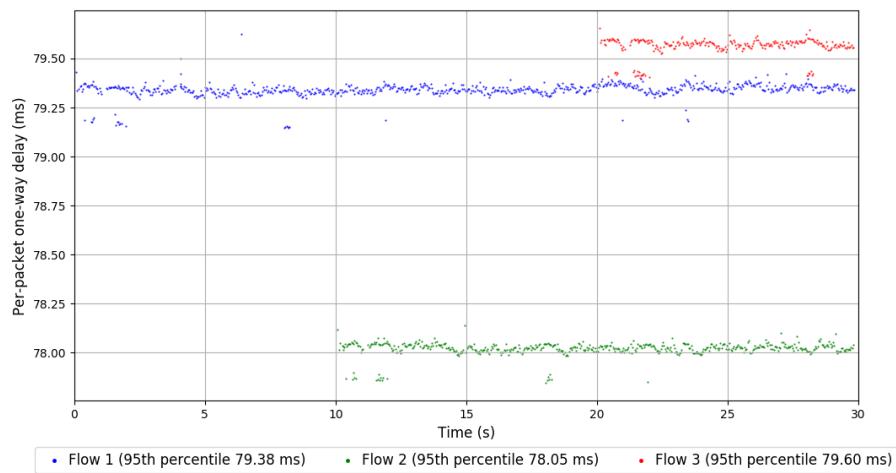
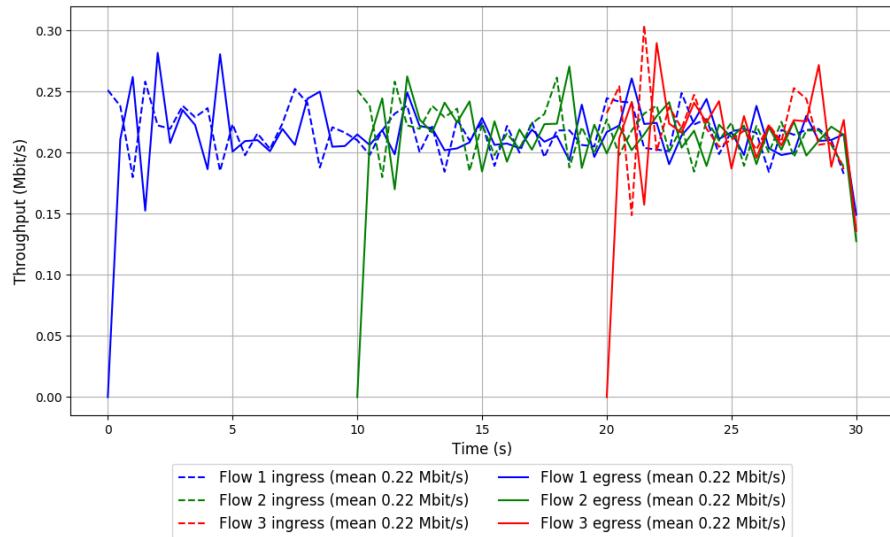


Run 9: Statistics of SCReAM

```
Start at: 2018-07-04 13:50:31
End at: 2018-07-04 13:51:01
Local clock offset: -3.98 ms
Remote clock offset: 13.561 ms

# Below is generated by plot.py at 2018-07-04 14:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 79.582 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 79.375 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 78.054 ms
Loss rate: 1.03%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 79.598 ms
Loss rate: 1.50%
```

Run 9: Report of SCReAM — Data Link

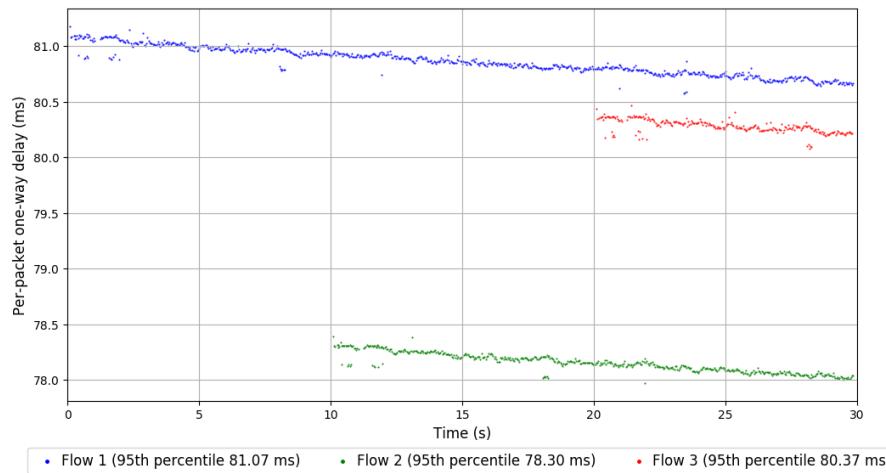
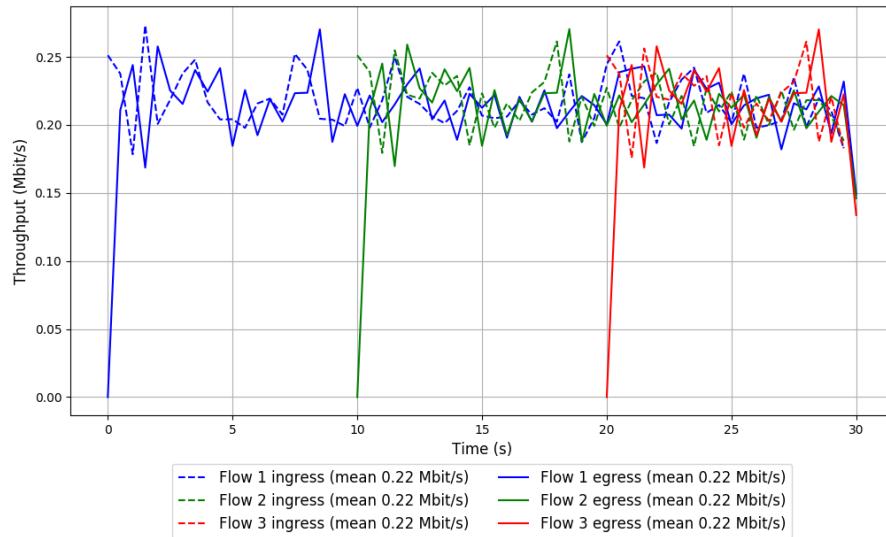


Run 10: Statistics of SCReAM

```
Start at: 2018-07-04 14:11:50
End at: 2018-07-04 14:12:20
Local clock offset: -2.24 ms
Remote clock offset: 15.303 ms

# Below is generated by plot.py at 2018-07-04 14:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 81.027 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 81.068 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 78.304 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.367 ms
Loss rate: 1.84%
```

Run 10: Report of SCReAM — Data Link

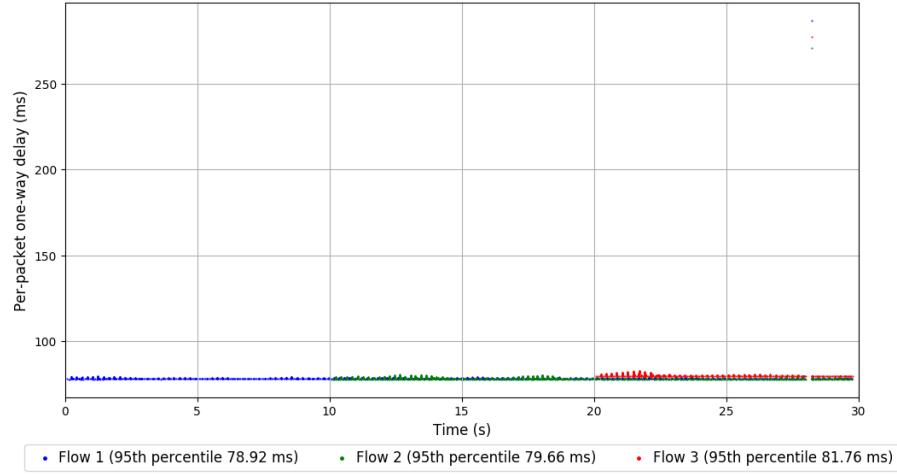
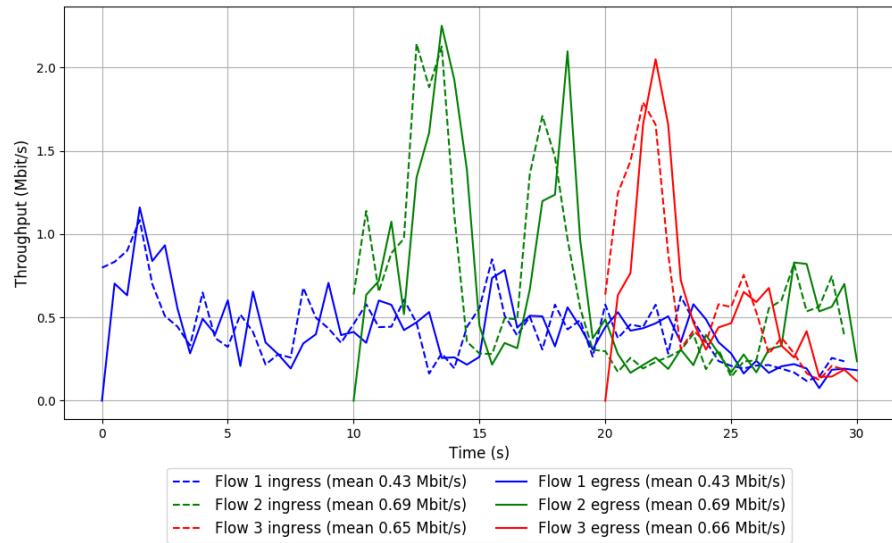


Run 1: Statistics of Sprout

```
Start at: 2018-07-04 11:00:33
End at: 2018-07-04 11:01:03
Local clock offset: -2.622 ms
Remote clock offset: 14.465 ms

# Below is generated by plot.py at 2018-07-04 14:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.10 Mbit/s
95th percentile per-packet one-way delay: 80.410 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 78.916 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 0.69 Mbit/s
95th percentile per-packet one-way delay: 79.661 ms
Loss rate: 0.74%
-- Flow 3:
Average throughput: 0.66 Mbit/s
95th percentile per-packet one-way delay: 81.760 ms
Loss rate: 0.74%
```

Run 1: Report of Sprout — Data Link

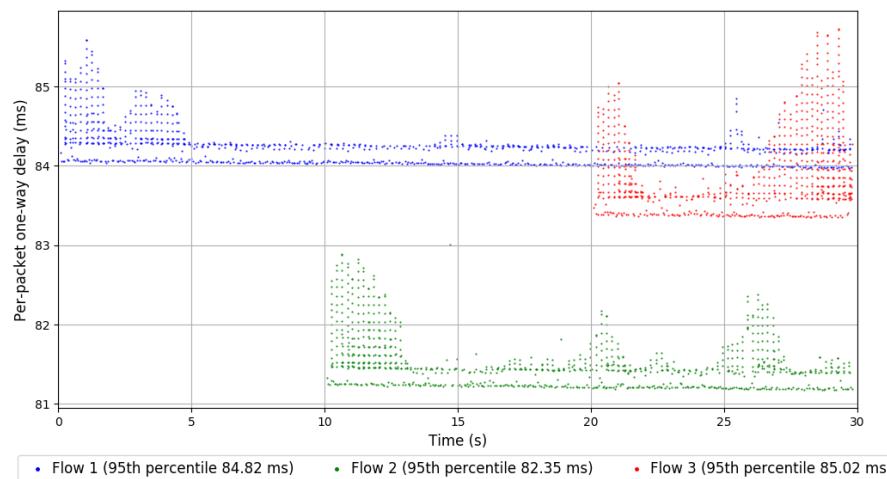
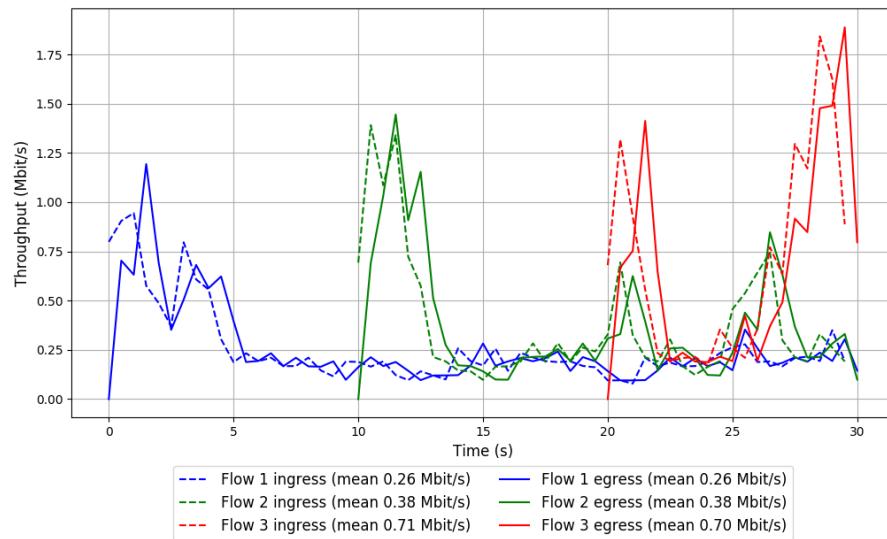


Run 2: Statistics of Sprout

```
Start at: 2018-07-04 11:21:45
End at: 2018-07-04 11:22:15
Local clock offset: -6.238 ms
Remote clock offset: 13.738 ms

# Below is generated by plot.py at 2018-07-04 14:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.74 Mbit/s
95th percentile per-packet one-way delay: 84.763 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 84.820 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 82.350 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 0.70 Mbit/s
95th percentile per-packet one-way delay: 85.022 ms
Loss rate: 2.34%
```

Run 2: Report of Sprout — Data Link

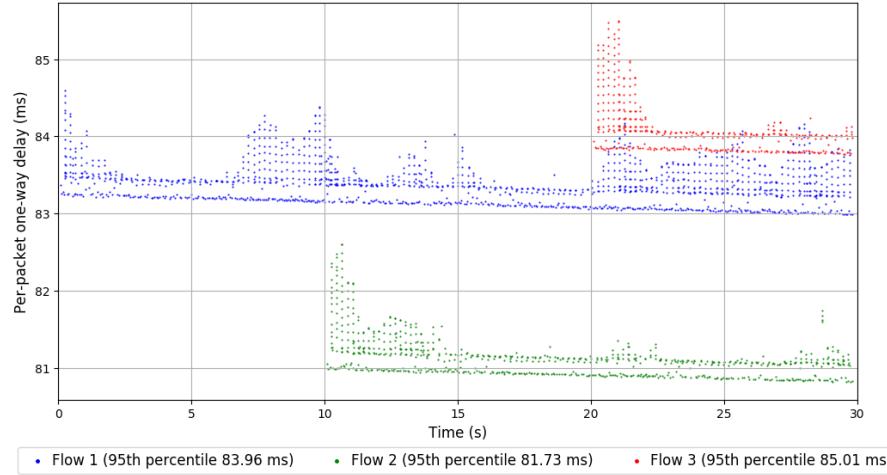
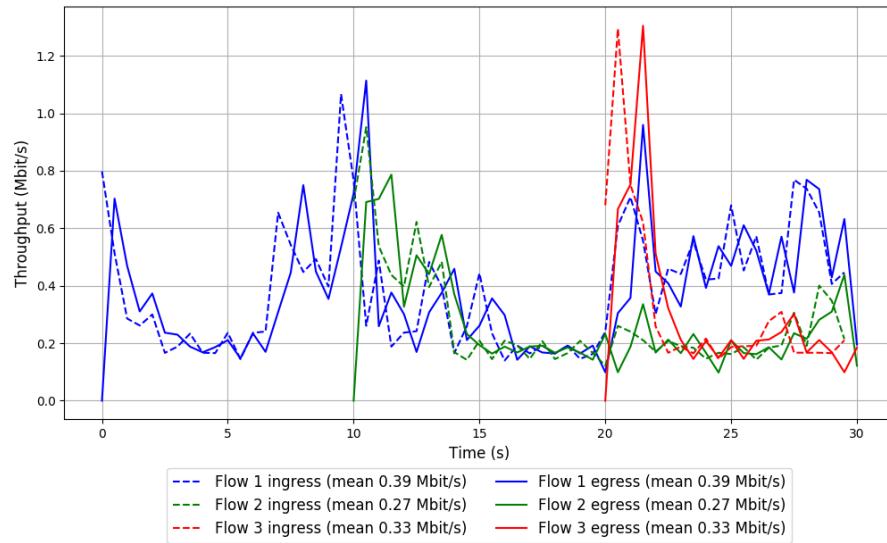


Run 3: Statistics of Sprout

```
Start at: 2018-07-04 11:43:09
End at: 2018-07-04 11:43:39
Local clock offset: -6.233 ms
Remote clock offset: 11.691 ms

# Below is generated by plot.py at 2018-07-04 14:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.68 Mbit/s
95th percentile per-packet one-way delay: 84.148 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 83.957 ms
Loss rate: 1.09%
-- Flow 2:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 81.731 ms
Loss rate: 0.87%
-- Flow 3:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 85.011 ms
Loss rate: 1.43%
```

Run 3: Report of Sprout — Data Link

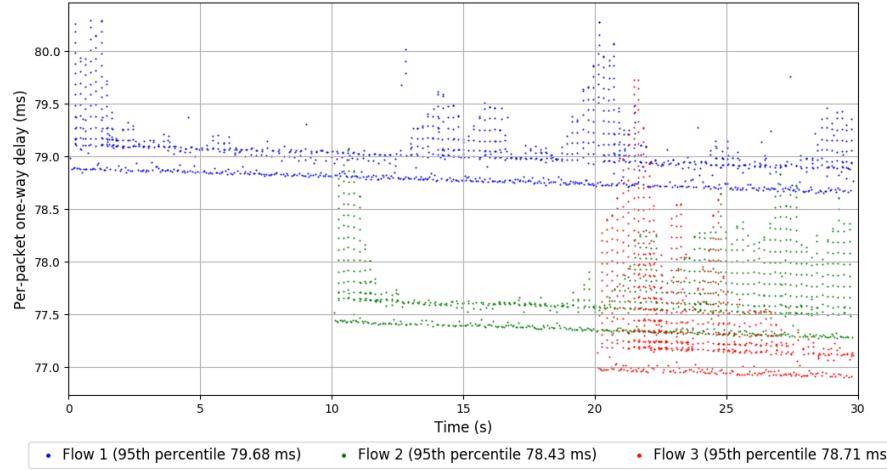
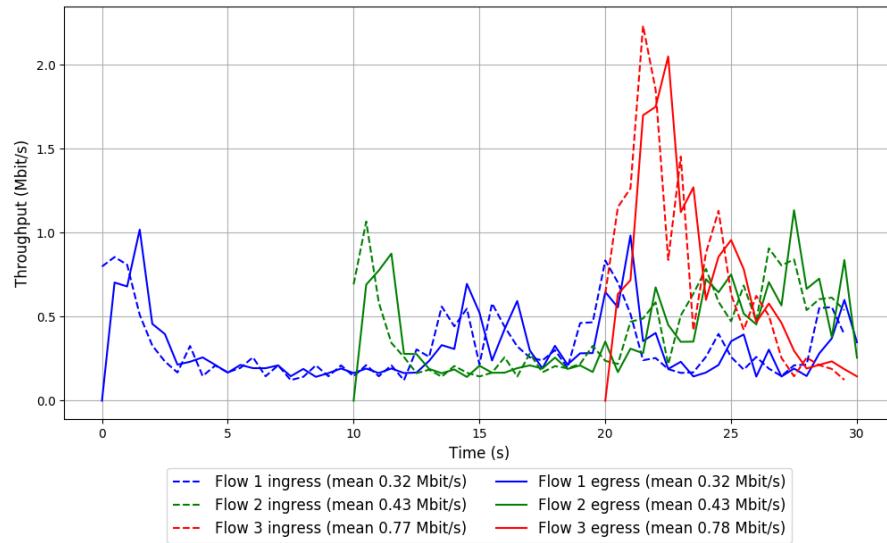


Run 4: Statistics of Sprout

```
Start at: 2018-07-04 12:04:30
End at: 2018-07-04 12:05:00
Local clock offset: -1.459 ms
Remote clock offset: 9.771 ms

# Below is generated by plot.py at 2018-07-04 14:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.86 Mbit/s
95th percentile per-packet one-way delay: 79.366 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 79.678 ms
Loss rate: 0.96%
-- Flow 2:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 78.431 ms
Loss rate: 1.67%
-- Flow 3:
Average throughput: 0.78 Mbit/s
95th percentile per-packet one-way delay: 78.714 ms
Loss rate: 0.03%
```

Run 4: Report of Sprout — Data Link

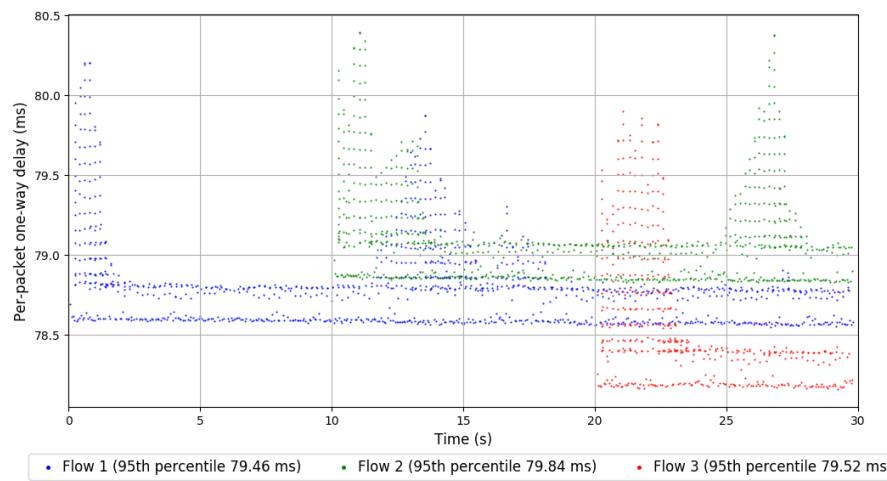
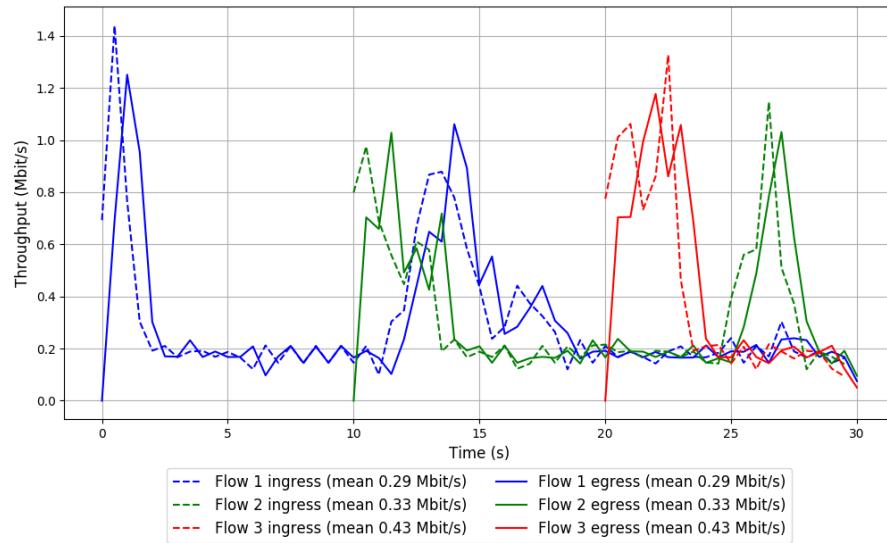


Run 5: Statistics of Sprout

```
Start at: 2018-07-04 12:25:50
End at: 2018-07-04 12:26:20
Local clock offset: -2.58 ms
Remote clock offset: 4.778 ms

# Below is generated by plot.py at 2018-07-04 14:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: 79.650 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 79.463 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 79.841 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 79.515 ms
Loss rate: 0.53%
```

Run 5: Report of Sprout — Data Link

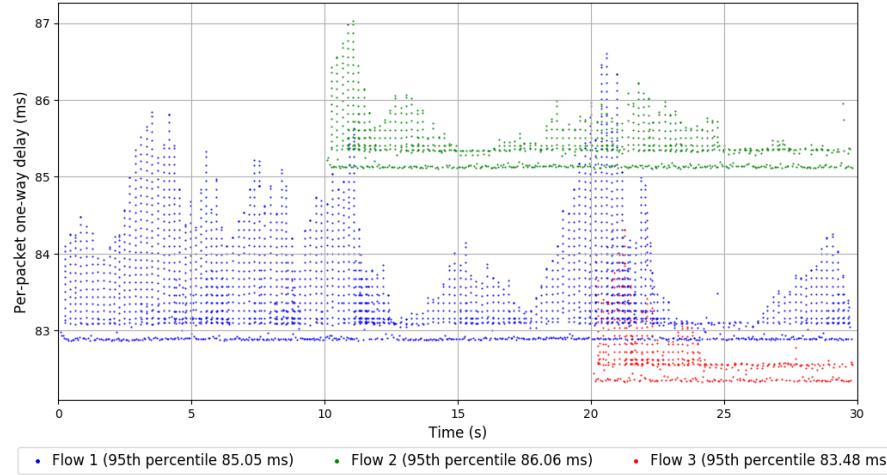
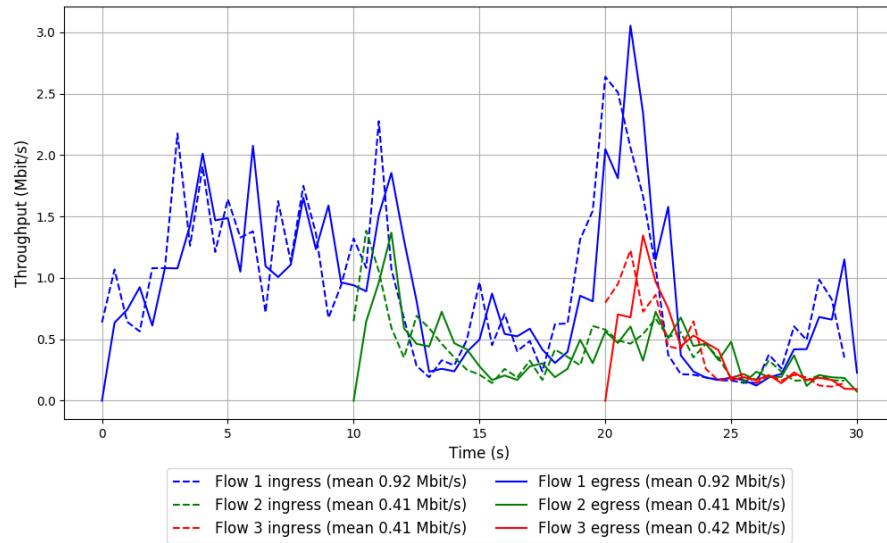


Run 6: Statistics of Sprout

```
Start at: 2018-07-04 12:47:16
End at: 2018-07-04 12:47:46
Local clock offset: -2.541 ms
Remote clock offset: 3.508 ms

# Below is generated by plot.py at 2018-07-04 14:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.33 Mbit/s
95th percentile per-packet one-way delay: 85.691 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 0.92 Mbit/s
95th percentile per-packet one-way delay: 85.049 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 86.062 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 83.478 ms
Loss rate: 0.84%
```

Run 6: Report of Sprout — Data Link

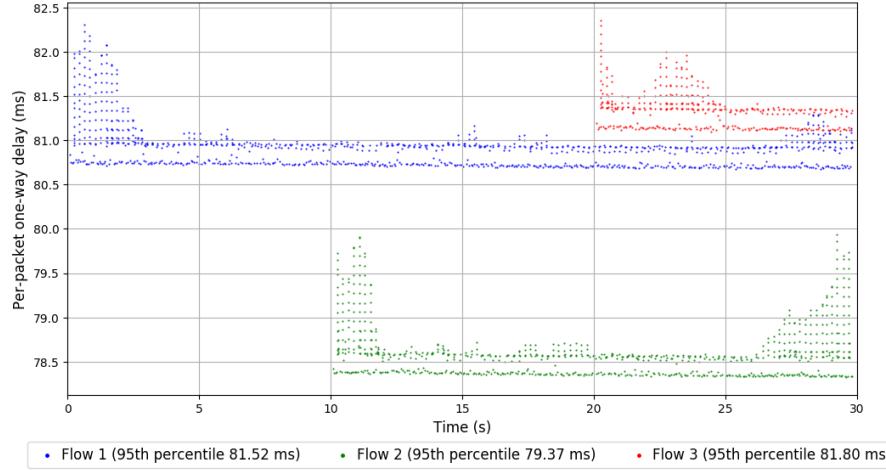
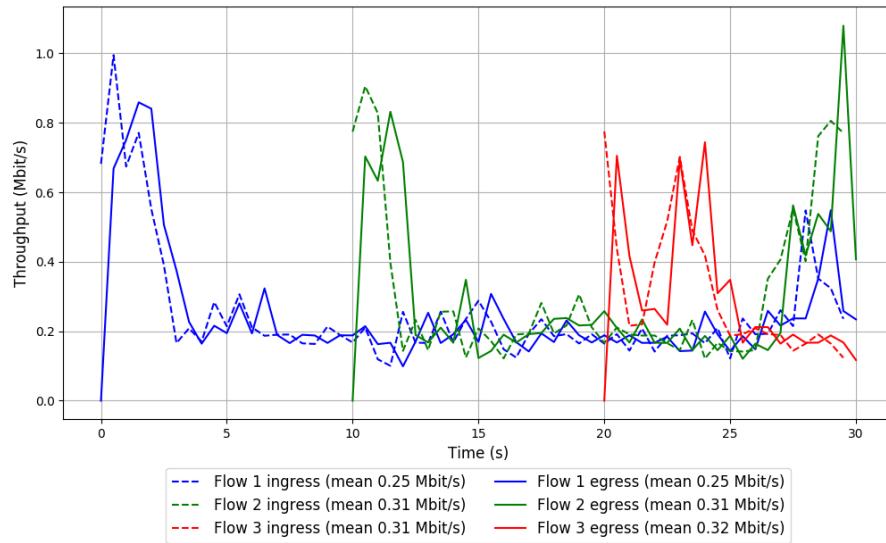


Run 7: Statistics of Sprout

```
Start at: 2018-07-04 13:08:41
End at: 2018-07-04 13:09:11
Local clock offset: -2.364 ms
Remote clock offset: 7.111 ms

# Below is generated by plot.py at 2018-07-04 14:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 81.513 ms
Loss rate: 1.37%
-- Flow 1:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 81.520 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 79.373 ms
Loss rate: 2.94%
-- Flow 3:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 81.803 ms
Loss rate: 0.46%
```

Run 7: Report of Sprout — Data Link

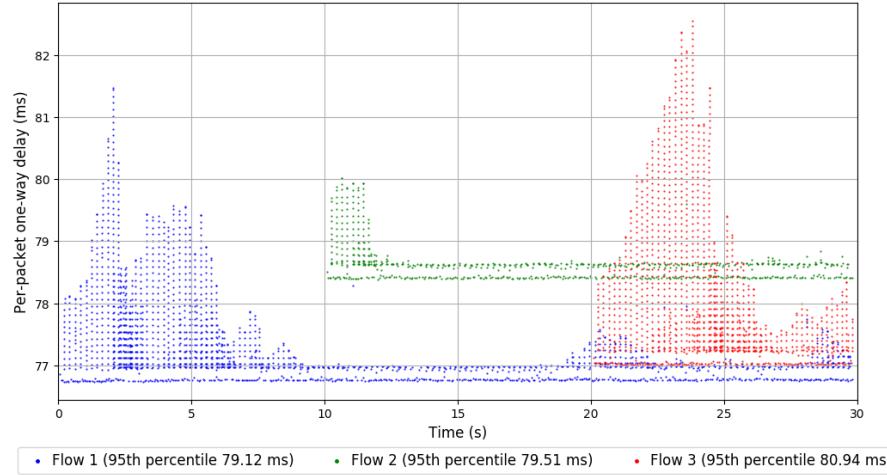
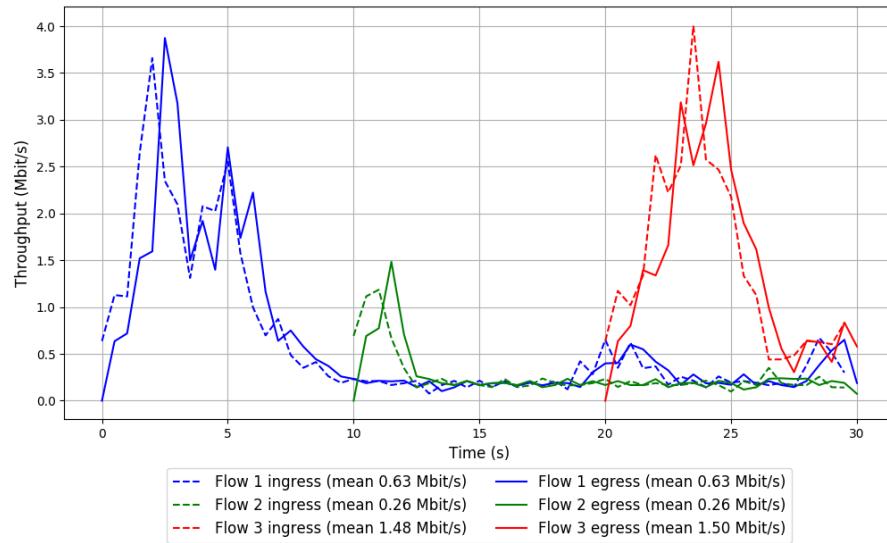


Run 8: Statistics of Sprout

```
Start at: 2018-07-04 13:29:57
End at: 2018-07-04 13:30:27
Local clock offset: -7.059 ms
Remote clock offset: 8.447 ms

# Below is generated by plot.py at 2018-07-04 14:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.30 Mbit/s
95th percentile per-packet one-way delay: 79.964 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 0.63 Mbit/s
95th percentile per-packet one-way delay: 79.117 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 79.511 ms
Loss rate: 0.66%
-- Flow 3:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: 80.942 ms
Loss rate: 0.86%
```

Run 8: Report of Sprout — Data Link

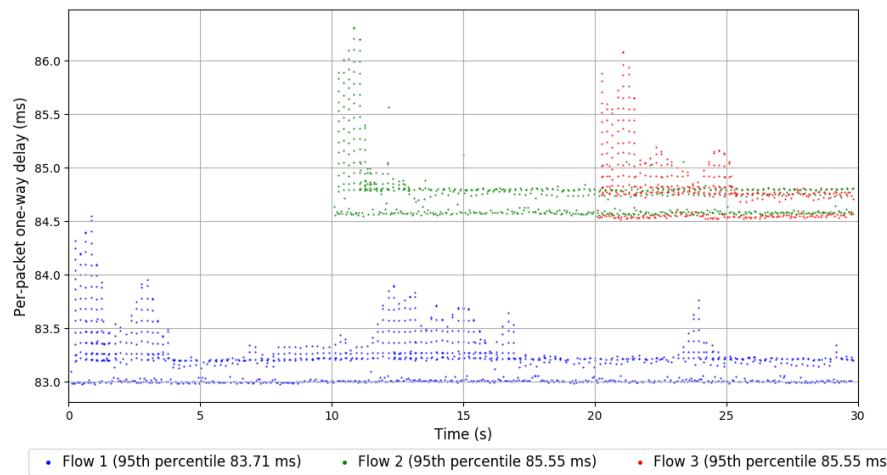
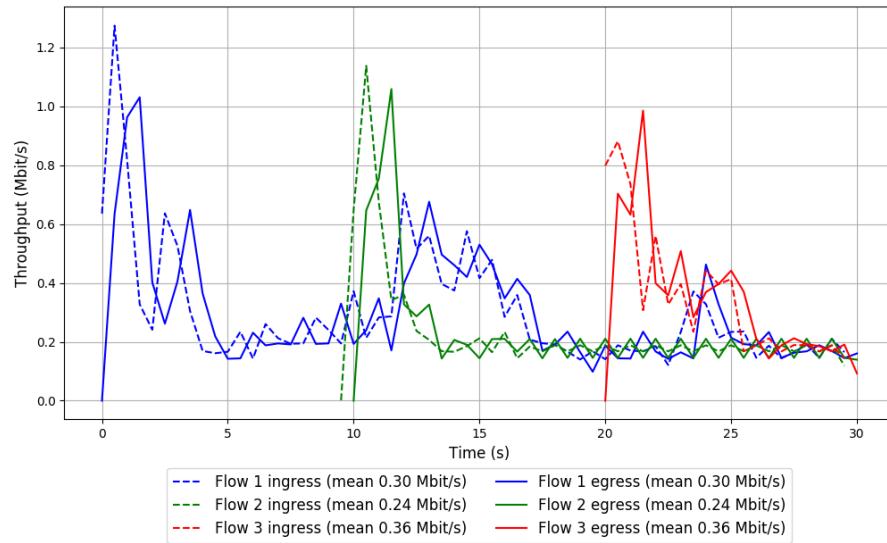


Run 9: Statistics of Sprout

```
Start at: 2018-07-04 13:51:42
End at: 2018-07-04 13:52:12
Local clock offset: -3.762 ms
Remote clock offset: 8.695 ms

# Below is generated by plot.py at 2018-07-04 14:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 85.133 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 83.711 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 85.553 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 85.554 ms
Loss rate: 1.04%
```

Run 9: Report of Sprout — Data Link

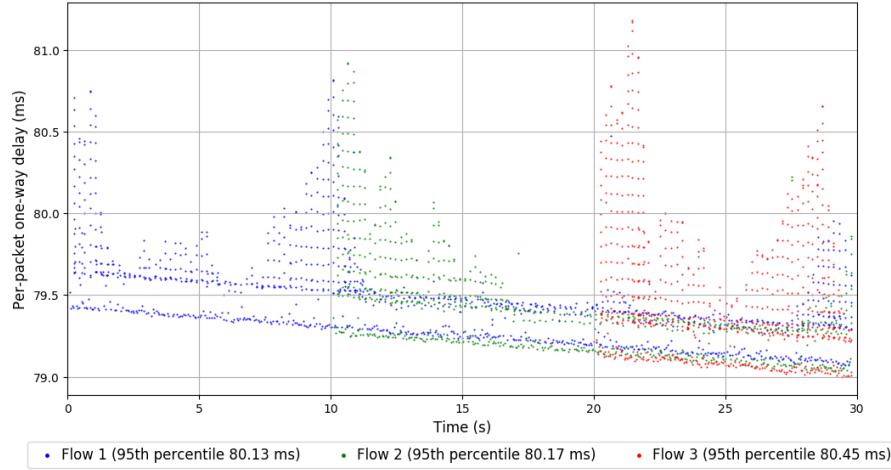
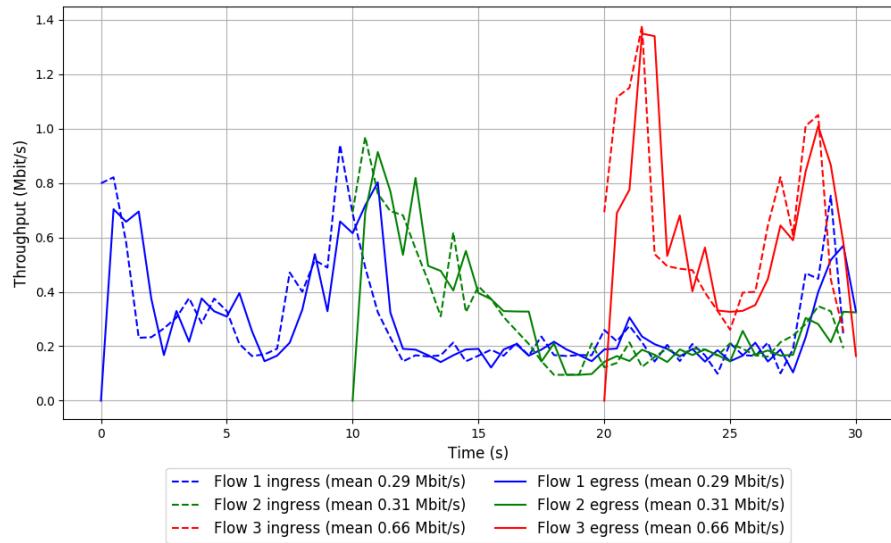


Run 10: Statistics of Sprout

```
Start at: 2018-07-04 14:13:01
End at: 2018-07-04 14:13:31
Local clock offset: -2.372 ms
Remote clock offset: 15.548 ms

# Below is generated by plot.py at 2018-07-04 14:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.72 Mbit/s
95th percentile per-packet one-way delay: 80.273 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 80.128 ms
Loss rate: 0.54%
-- Flow 2:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 80.168 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 0.66 Mbit/s
95th percentile per-packet one-way delay: 80.449 ms
Loss rate: 1.10%
```

Run 10: Report of Sprout — Data Link

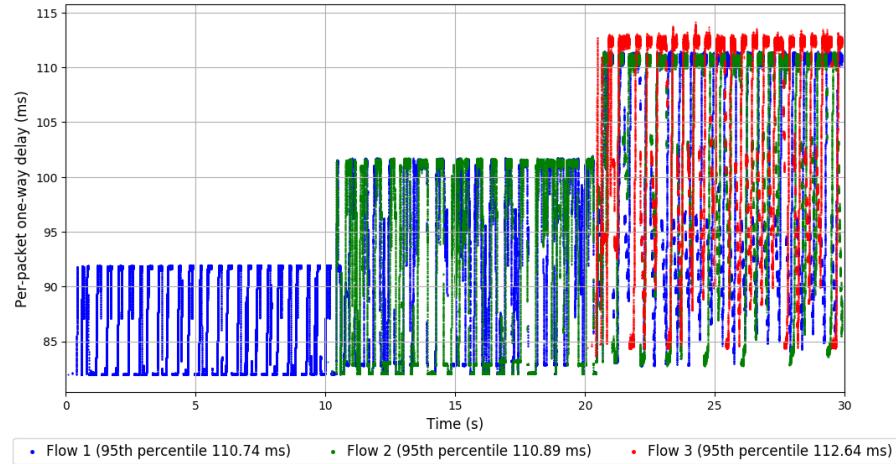
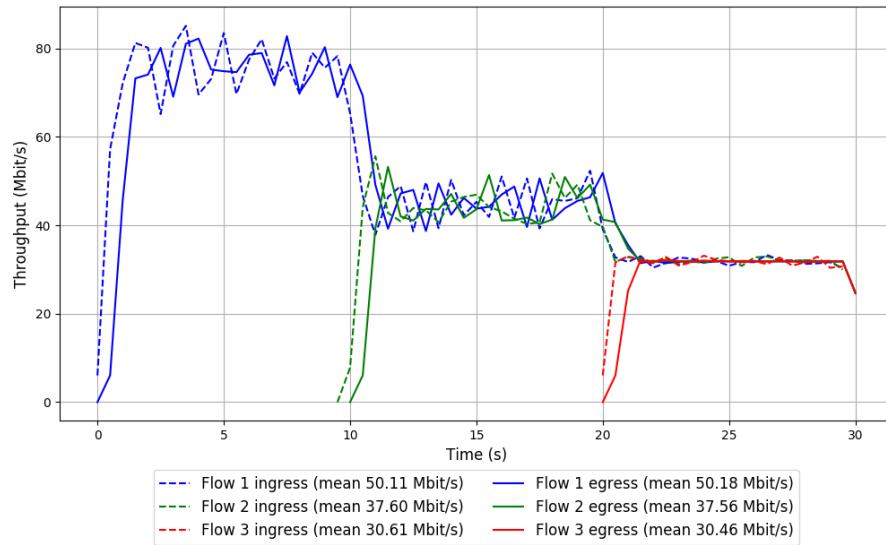


Run 1: Statistics of TaoVA-100x

```
Start at: 2018-07-04 11:04:11
End at: 2018-07-04 11:04:41
Local clock offset: -2.703 ms
Remote clock offset: 11.291 ms

# Below is generated by plot.py at 2018-07-04 14:42:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.16 Mbit/s
95th percentile per-packet one-way delay: 111.879 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 50.18 Mbit/s
95th percentile per-packet one-way delay: 110.740 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 37.56 Mbit/s
95th percentile per-packet one-way delay: 110.894 ms
Loss rate: 0.98%
-- Flow 3:
Average throughput: 30.46 Mbit/s
95th percentile per-packet one-way delay: 112.643 ms
Loss rate: 2.18%
```

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

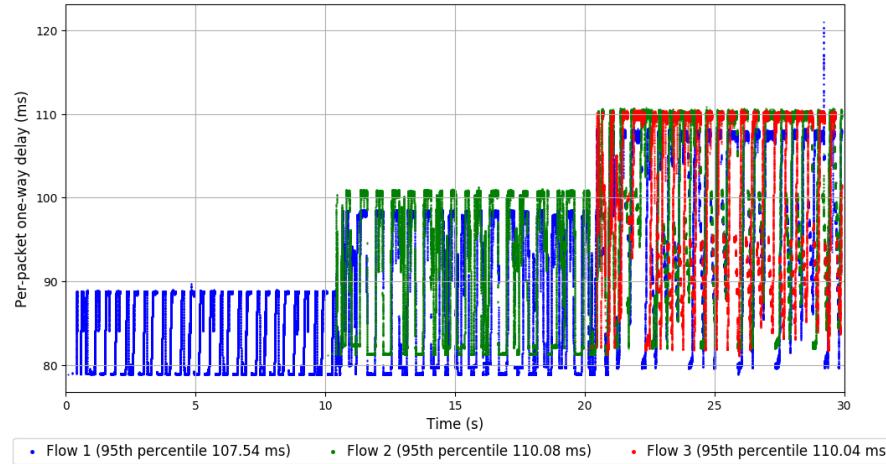
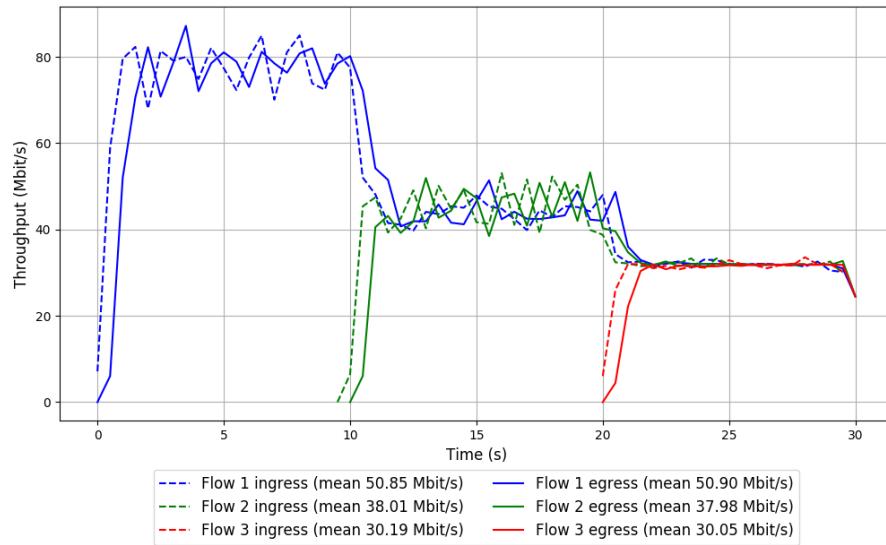


Run 2: Statistics of TaoVA-100x

```
Start at: 2018-07-04 11:25:23
End at: 2018-07-04 11:25:53
Local clock offset: -6.836 ms
Remote clock offset: 15.502 ms

# Below is generated by plot.py at 2018-07-04 14:42:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.01 Mbit/s
95th percentile per-packet one-way delay: 109.836 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 50.90 Mbit/s
95th percentile per-packet one-way delay: 107.538 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 37.98 Mbit/s
95th percentile per-packet one-way delay: 110.079 ms
Loss rate: 0.94%
-- Flow 3:
Average throughput: 30.05 Mbit/s
95th percentile per-packet one-way delay: 110.036 ms
Loss rate: 2.31%
```

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

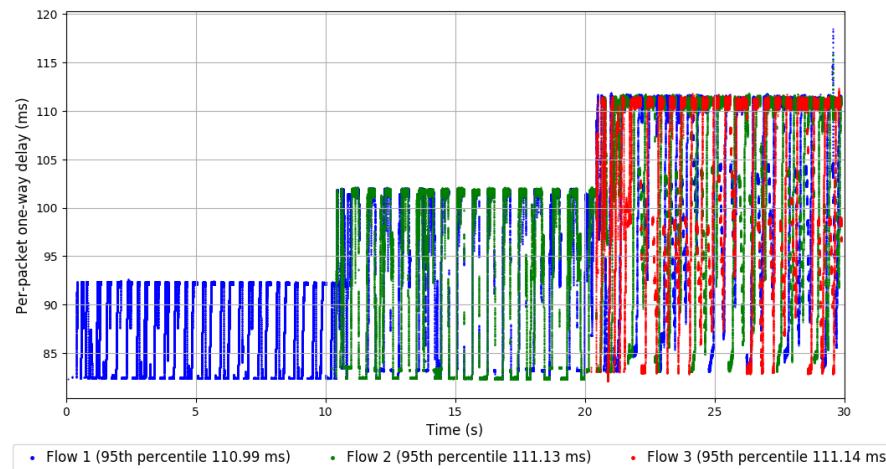
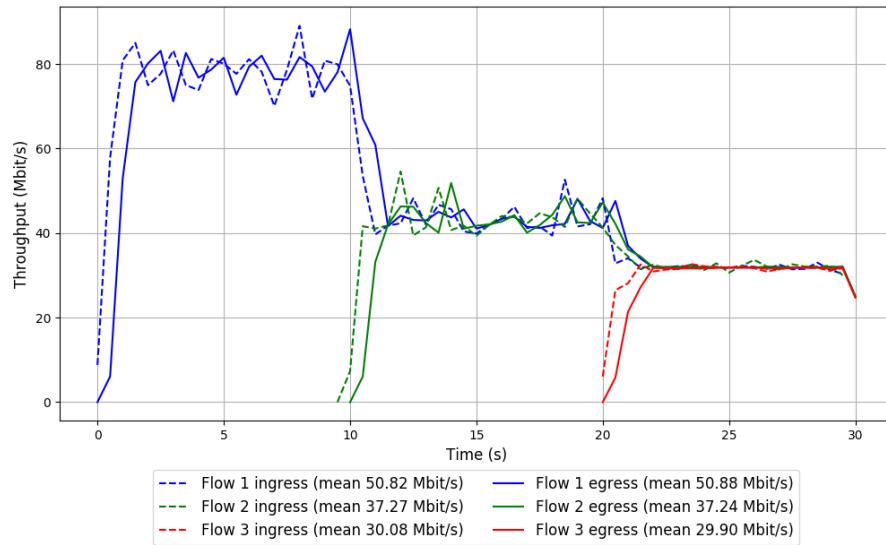


Run 3: Statistics of TaoVA-100x

```
Start at: 2018-07-04 11:46:48
End at: 2018-07-04 11:47:18
Local clock offset: -4.66 ms
Remote clock offset: 10.722 ms

# Below is generated by plot.py at 2018-07-04 14:42:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.46 Mbit/s
95th percentile per-packet one-way delay: 111.076 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 50.88 Mbit/s
95th percentile per-packet one-way delay: 110.990 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 37.24 Mbit/s
95th percentile per-packet one-way delay: 111.128 ms
Loss rate: 0.98%
-- Flow 3:
Average throughput: 29.90 Mbit/s
95th percentile per-packet one-way delay: 111.145 ms
Loss rate: 2.29%
```

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

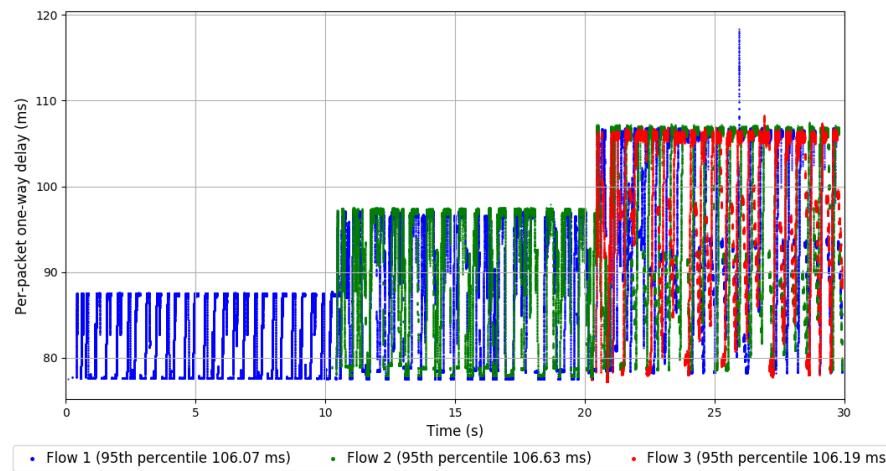
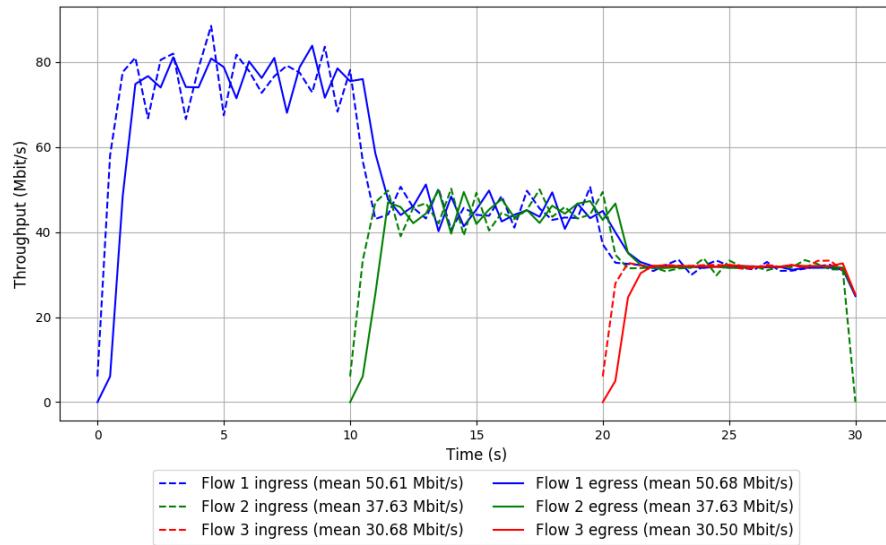


Run 4: Statistics of TaoVA-100x

```
Start at: 2018-07-04 12:08:09
End at: 2018-07-04 12:08:39
Local clock offset: -1.146 ms
Remote clock offset: 8.583 ms

# Below is generated by plot.py at 2018-07-04 14:42:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.71 Mbit/s
95th percentile per-packet one-way delay: 106.326 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 50.68 Mbit/s
95th percentile per-packet one-way delay: 106.070 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 37.63 Mbit/s
95th percentile per-packet one-way delay: 106.634 ms
Loss rate: 0.91%
-- Flow 3:
Average throughput: 30.50 Mbit/s
95th percentile per-packet one-way delay: 106.190 ms
Loss rate: 2.33%
```

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

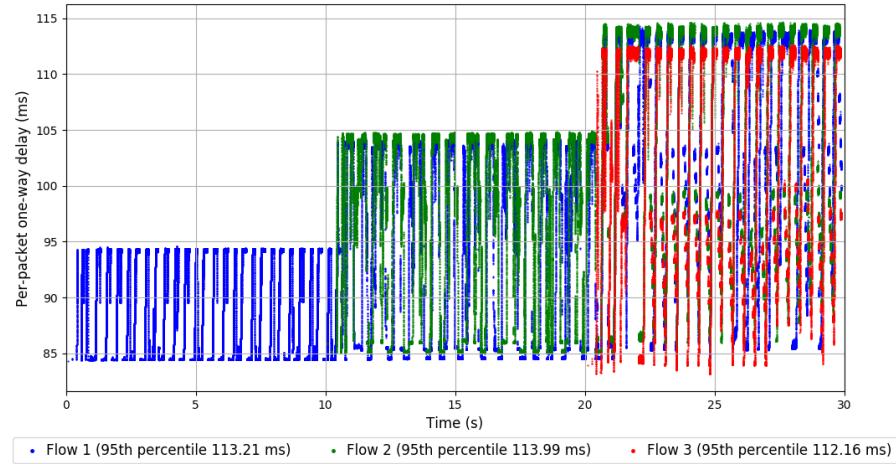
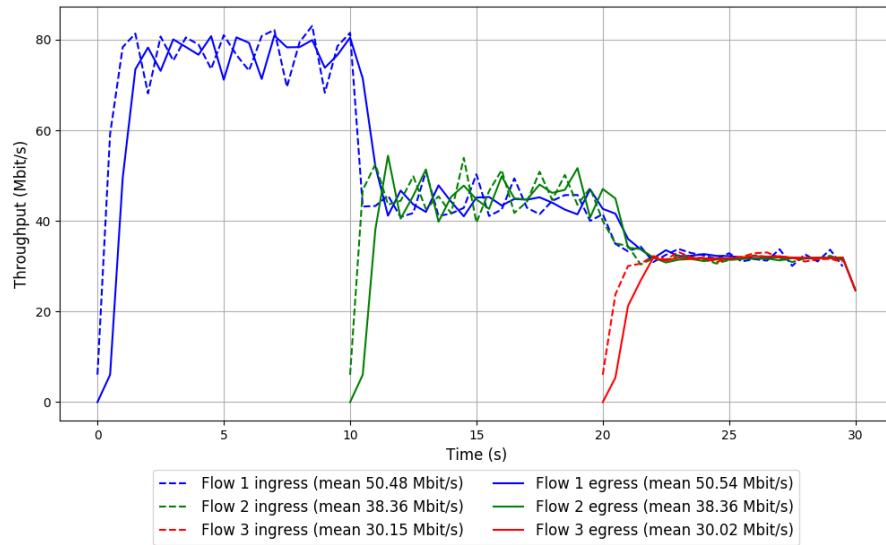


Run 5: Statistics of TaoVA-100x

```
Start at: 2018-07-04 12:29:37
End at: 2018-07-04 12:30:07
Local clock offset: -2.606 ms
Remote clock offset: 0.522 ms

# Below is generated by plot.py at 2018-07-04 14:42:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.89 Mbit/s
95th percentile per-packet one-way delay: 113.491 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 50.54 Mbit/s
95th percentile per-packet one-way delay: 113.210 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 38.36 Mbit/s
95th percentile per-packet one-way delay: 113.991 ms
Loss rate: 0.92%
-- Flow 3:
Average throughput: 30.02 Mbit/s
95th percentile per-packet one-way delay: 112.159 ms
Loss rate: 2.14%
```

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

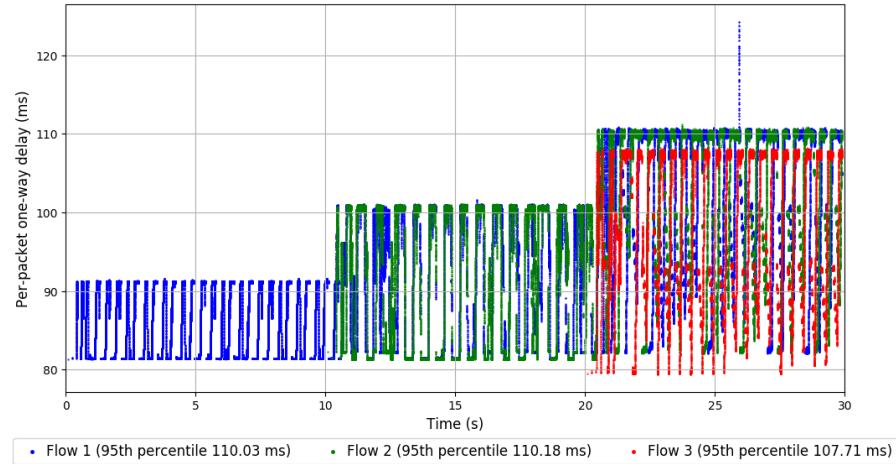
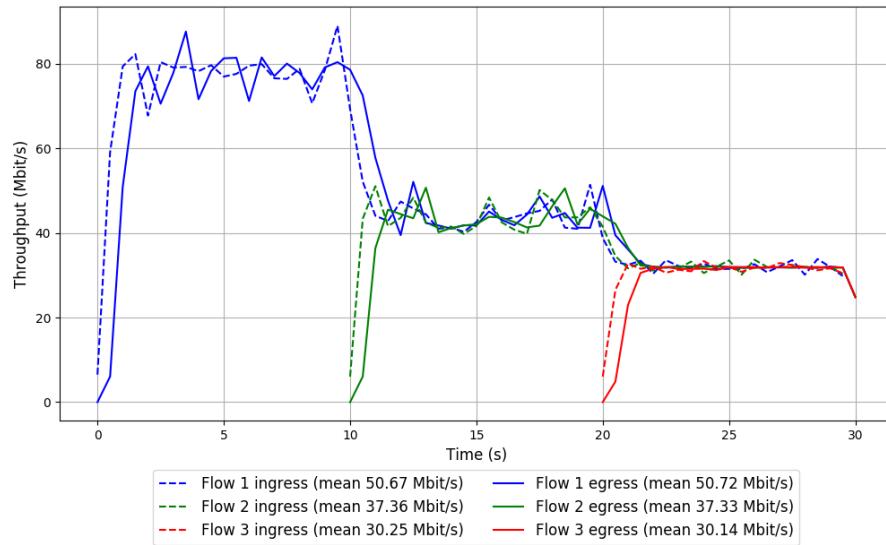


Run 6: Statistics of TaoVA-100x

```
Start at: 2018-07-04 12:50:55
End at: 2018-07-04 12:51:25
Local clock offset: -2.485 ms
Remote clock offset: 7.562 ms

# Below is generated by plot.py at 2018-07-04 14:42:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.44 Mbit/s
95th percentile per-packet one-way delay: 110.072 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 50.72 Mbit/s
95th percentile per-packet one-way delay: 110.027 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 37.33 Mbit/s
95th percentile per-packet one-way delay: 110.183 ms
Loss rate: 0.98%
-- Flow 3:
Average throughput: 30.14 Mbit/s
95th percentile per-packet one-way delay: 107.714 ms
Loss rate: 2.04%
```

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

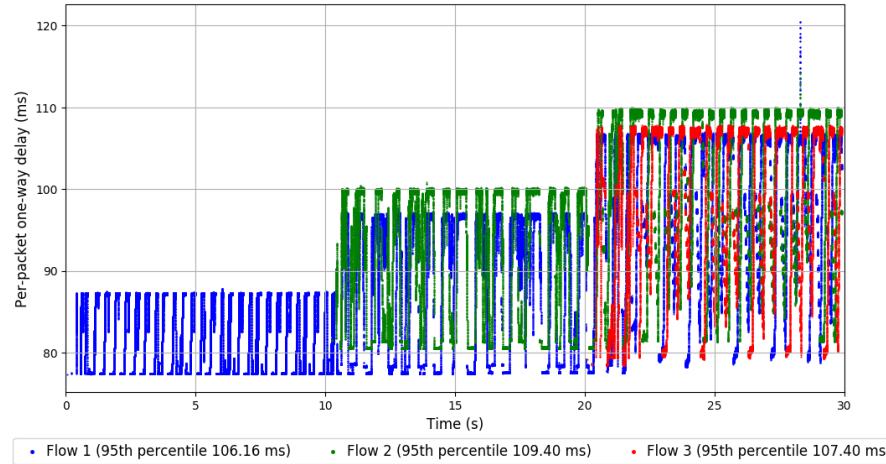
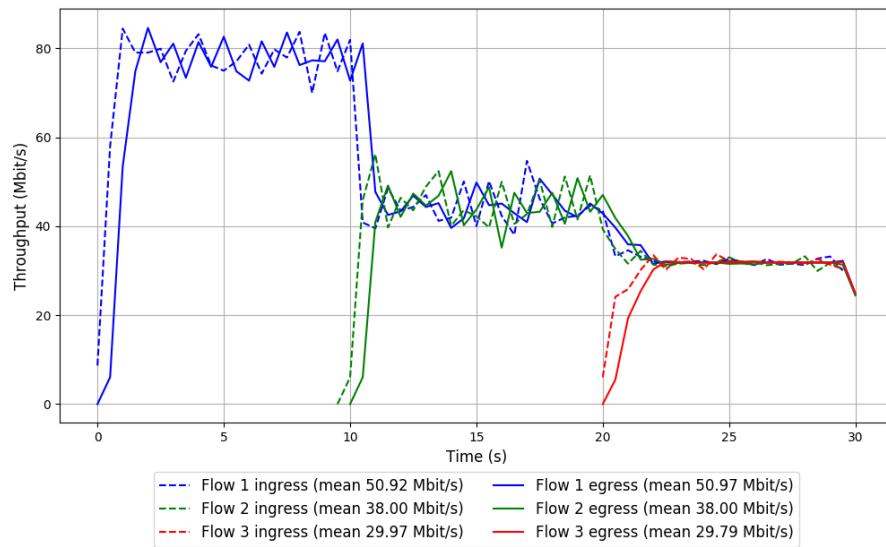


Run 7: Statistics of TaoVA-100x

```
Start at: 2018-07-04 13:12:19
End at: 2018-07-04 13:12:49
Local clock offset: -3.409 ms
Remote clock offset: 7.924 ms

# Below is generated by plot.py at 2018-07-04 14:42:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.01 Mbit/s
95th percentile per-packet one-way delay: 108.759 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 50.97 Mbit/s
95th percentile per-packet one-way delay: 106.158 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 38.00 Mbit/s
95th percentile per-packet one-way delay: 109.400 ms
Loss rate: 0.86%
-- Flow 3:
Average throughput: 29.79 Mbit/s
95th percentile per-packet one-way delay: 107.400 ms
Loss rate: 2.30%
```

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

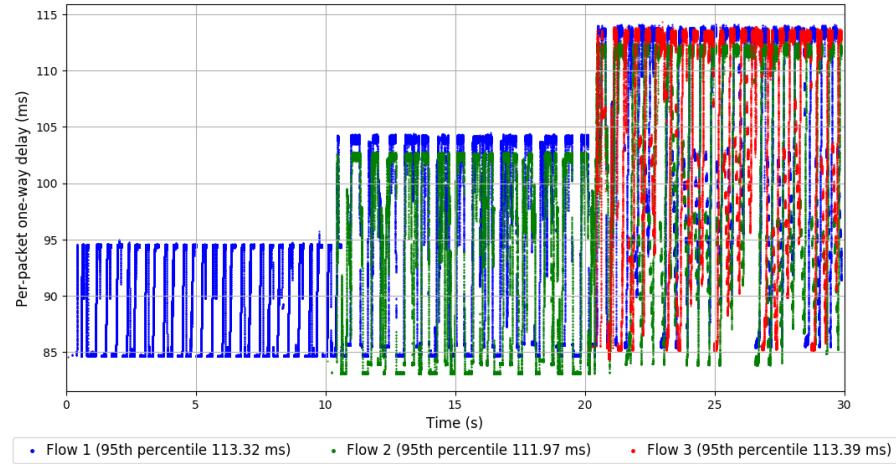
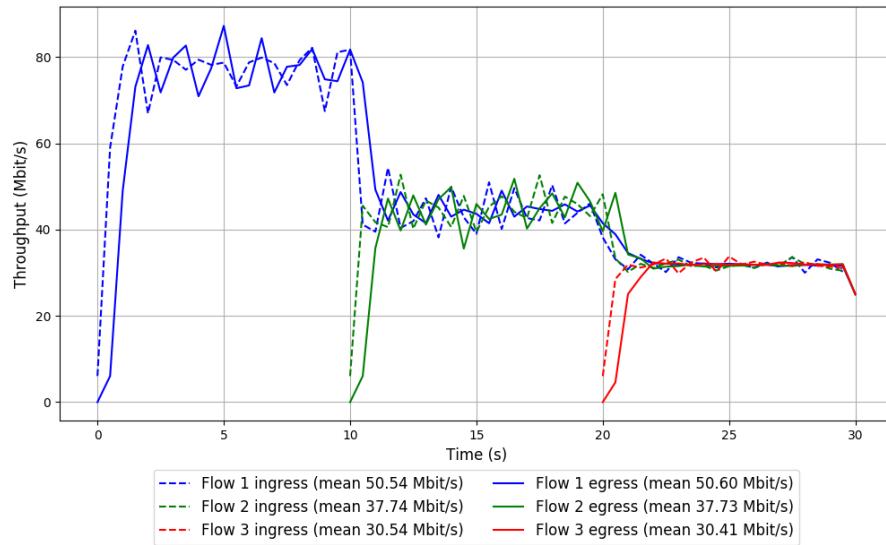


Run 8: Statistics of TaoVA-100x

```
Start at: 2018-07-04 13:33:36
End at: 2018-07-04 13:34:06
Local clock offset: -7.381 ms
Remote clock offset: 2.208 ms

# Below is generated by plot.py at 2018-07-04 14:43:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.67 Mbit/s
95th percentile per-packet one-way delay: 113.233 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 50.60 Mbit/s
95th percentile per-packet one-way delay: 113.317 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 37.73 Mbit/s
95th percentile per-packet one-way delay: 111.965 ms
Loss rate: 0.87%
-- Flow 3:
Average throughput: 30.41 Mbit/s
95th percentile per-packet one-way delay: 113.393 ms
Loss rate: 2.22%
```

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

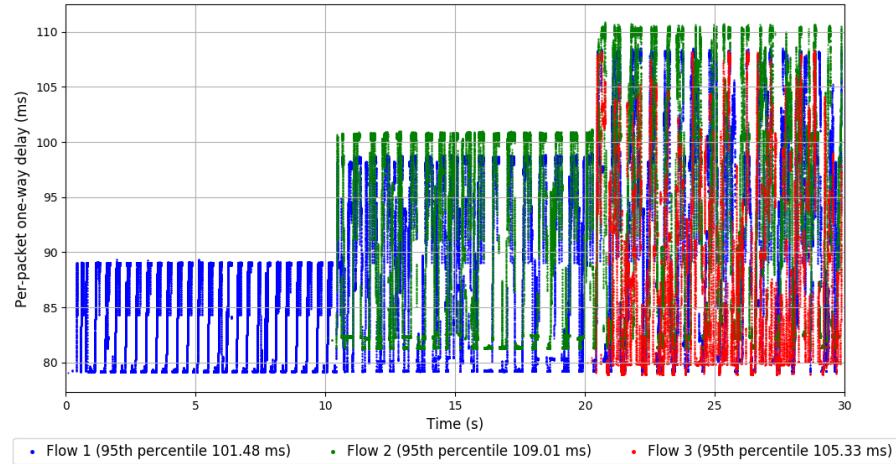
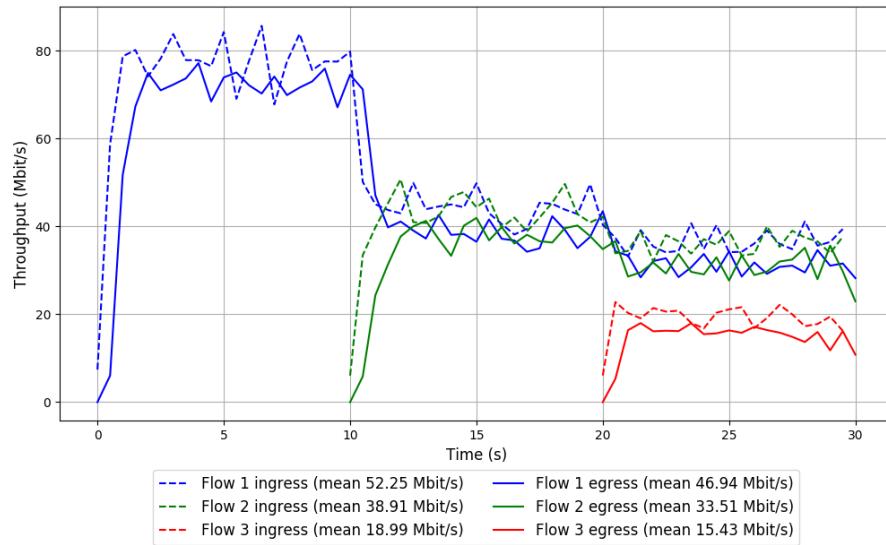


Run 9: Statistics of TaoVA-100x

```
Start at: 2018-07-04 13:55:20
End at: 2018-07-04 13:55:50
Local clock offset: -3.177 ms
Remote clock offset: 13.446 ms

# Below is generated by plot.py at 2018-07-04 14:44:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 74.25 Mbit/s
95th percentile per-packet one-way delay: 105.137 ms
Loss rate: 12.64%
-- Flow 1:
Average throughput: 46.94 Mbit/s
95th percentile per-packet one-way delay: 101.479 ms
Loss rate: 10.72%
-- Flow 2:
Average throughput: 33.51 Mbit/s
95th percentile per-packet one-way delay: 109.009 ms
Loss rate: 14.71%
-- Flow 3:
Average throughput: 15.43 Mbit/s
95th percentile per-packet one-way delay: 105.332 ms
Loss rate: 20.07%
```

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

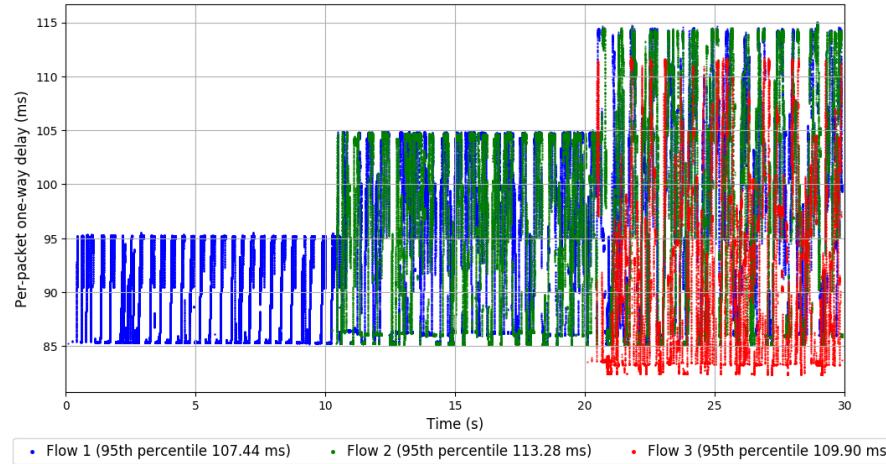
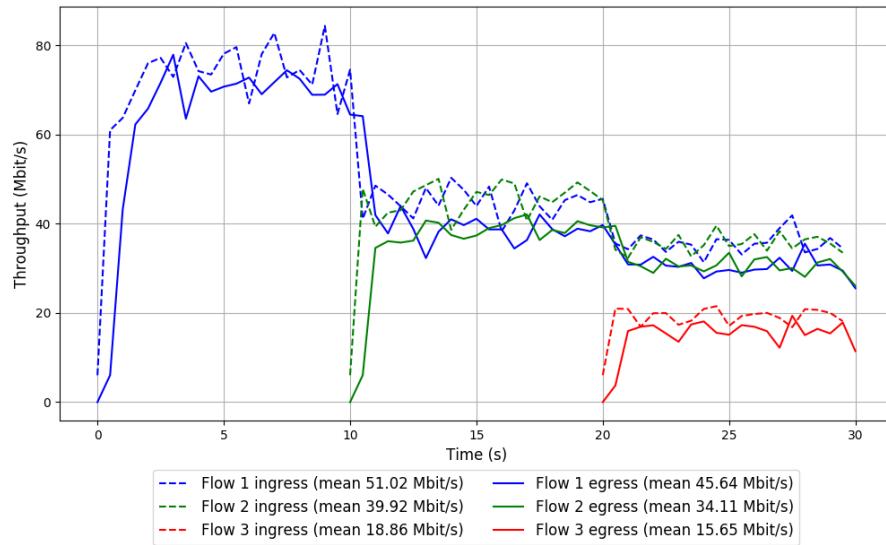


Run 10: Statistics of TaoVA-100x

```
Start at: 2018-07-04 14:16:38
End at: 2018-07-04 14:17:08
Local clock offset: -2.481 ms
Remote clock offset: 7.926 ms

# Below is generated by plot.py at 2018-07-04 14:44:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 73.44 Mbit/s
95th percentile per-packet one-way delay: 110.396 ms
Loss rate: 12.91%
-- Flow 1:
Average throughput: 45.64 Mbit/s
95th percentile per-packet one-way delay: 107.438 ms
Loss rate: 11.05%
-- Flow 2:
Average throughput: 34.11 Mbit/s
95th percentile per-packet one-way delay: 113.280 ms
Loss rate: 15.29%
-- Flow 3:
Average throughput: 15.65 Mbit/s
95th percentile per-packet one-way delay: 109.903 ms
Loss rate: 18.04%
```

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

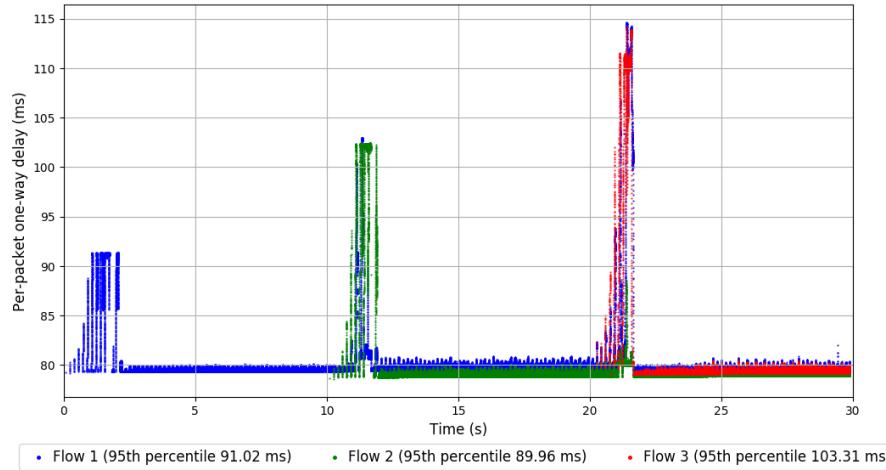
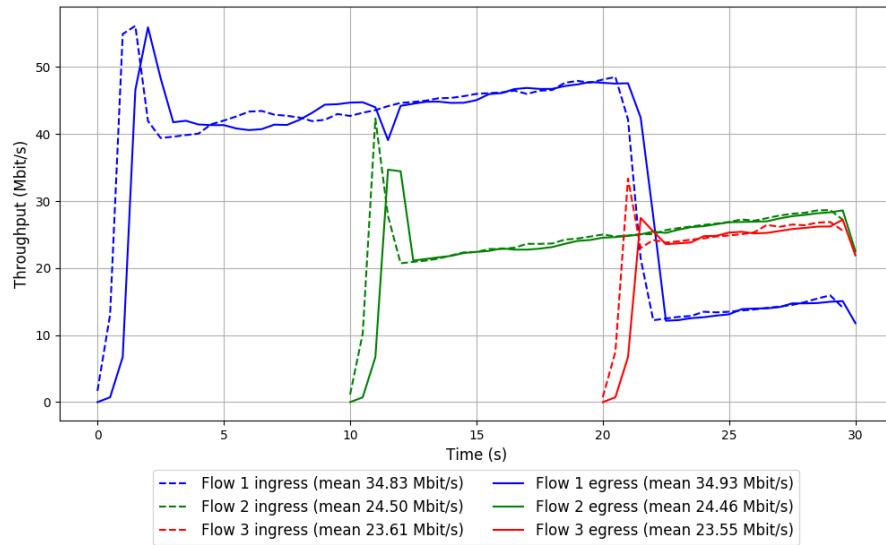


Run 1: Statistics of TCP Vegas

```
Start at: 2018-07-04 10:53:06
End at: 2018-07-04 10:53:36
Local clock offset: -2.49 ms
Remote clock offset: 10.74 ms

# Below is generated by plot.py at 2018-07-04 14:44:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 58.91 Mbit/s
95th percentile per-packet one-way delay: 91.118 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 34.93 Mbit/s
95th percentile per-packet one-way delay: 91.022 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 24.46 Mbit/s
95th percentile per-packet one-way delay: 89.964 ms
Loss rate: 0.98%
-- Flow 3:
Average throughput: 23.55 Mbit/s
95th percentile per-packet one-way delay: 103.312 ms
Loss rate: 1.90%
```

Run 1: Report of TCP Vegas — Data Link

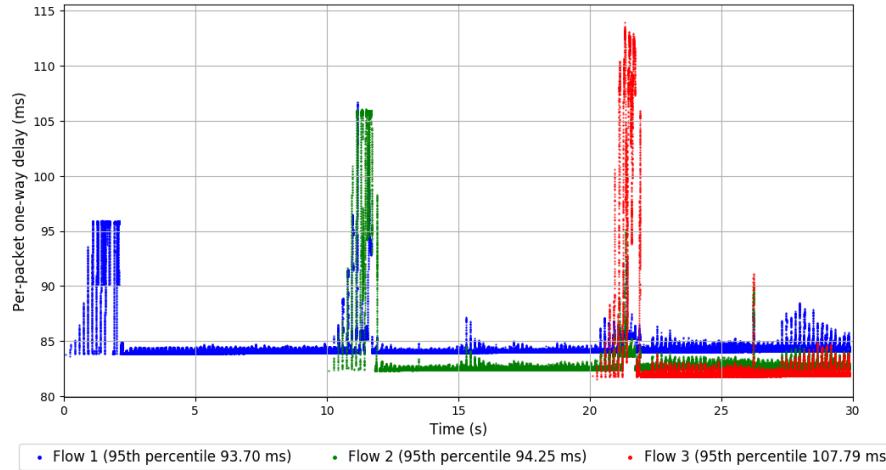
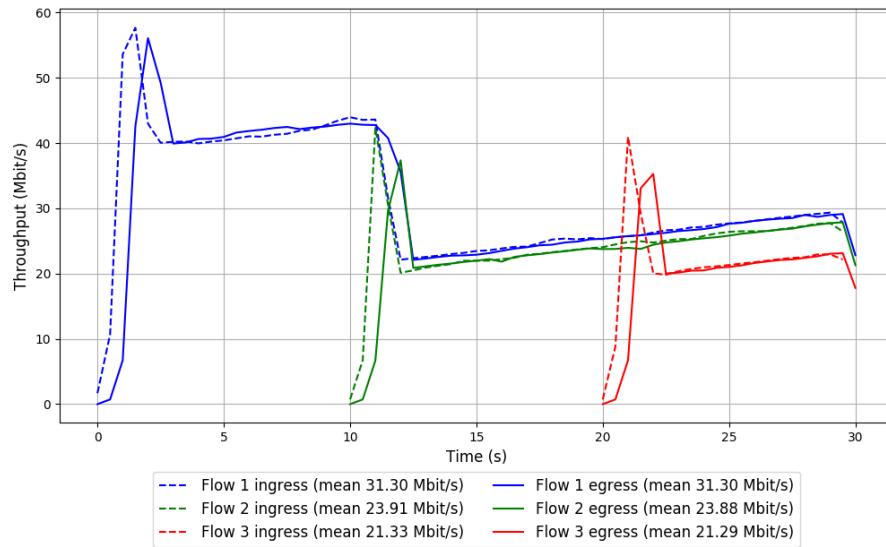


Run 2: Statistics of TCP Vegas

```
Start at: 2018-07-04 11:14:20
End at: 2018-07-04 11:14:50
Local clock offset: -4.494 ms
Remote clock offset: 13.125 ms

# Below is generated by plot.py at 2018-07-04 14:44:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 54.16 Mbit/s
95th percentile per-packet one-way delay: 95.174 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 31.30 Mbit/s
95th percentile per-packet one-way delay: 93.698 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 23.88 Mbit/s
95th percentile per-packet one-way delay: 94.248 ms
Loss rate: 1.00%
-- Flow 3:
Average throughput: 21.29 Mbit/s
95th percentile per-packet one-way delay: 107.787 ms
Loss rate: 1.83%
```

Run 2: Report of TCP Vegas — Data Link

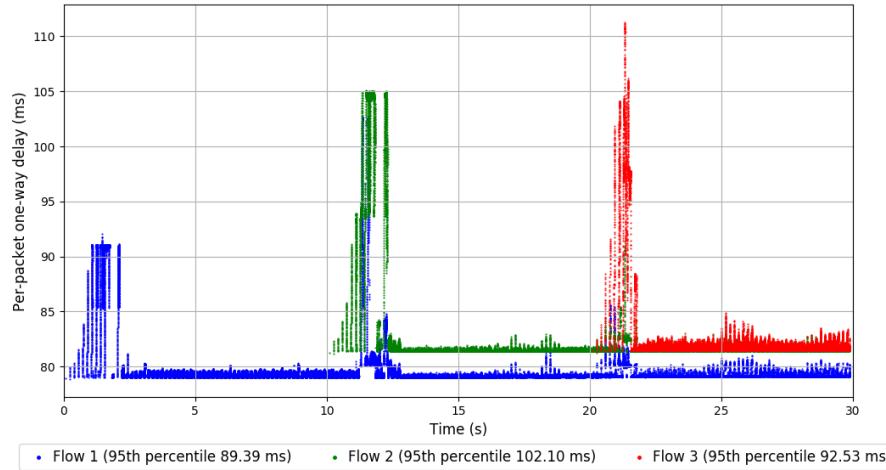
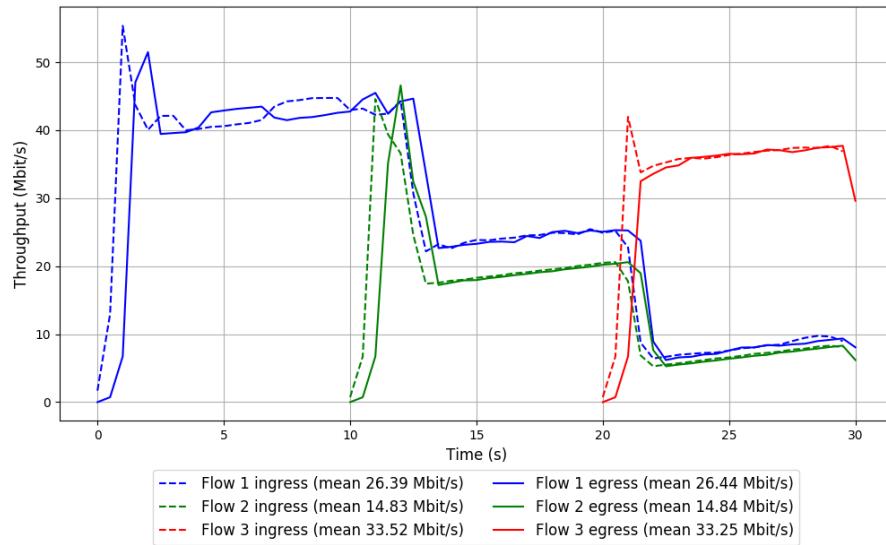


Run 3: Statistics of TCP Vegas

```
Start at: 2018-07-04 11:35:32
End at: 2018-07-04 11:36:02
Local clock offset: -7.886 ms
Remote clock offset: 14.41 ms

# Below is generated by plot.py at 2018-07-04 14:44:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 47.22 Mbit/s
95th percentile per-packet one-way delay: 90.973 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 26.44 Mbit/s
95th percentile per-packet one-way delay: 89.394 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 14.84 Mbit/s
95th percentile per-packet one-way delay: 102.102 ms
Loss rate: 0.79%
-- Flow 3:
Average throughput: 33.25 Mbit/s
95th percentile per-packet one-way delay: 92.534 ms
Loss rate: 2.45%
```

Run 3: Report of TCP Vegas — Data Link

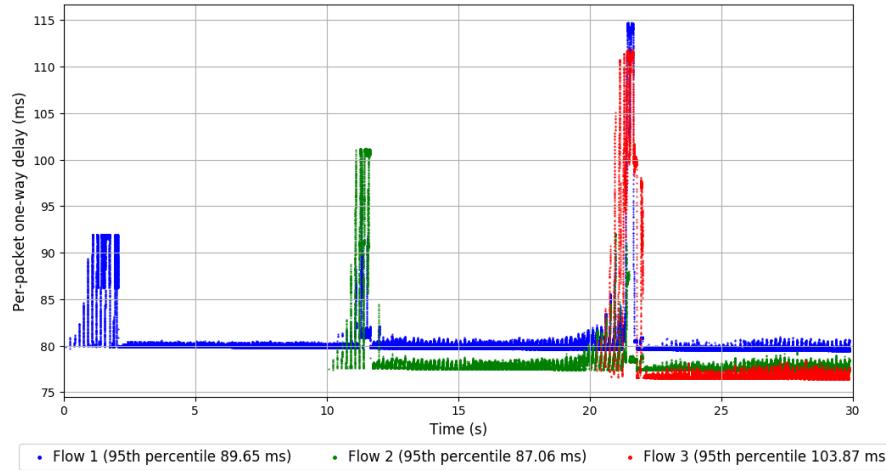
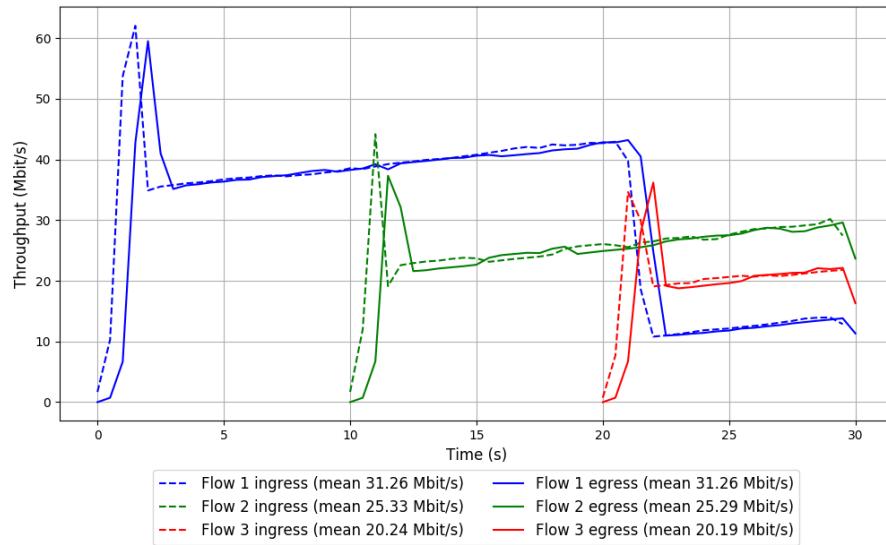


Run 4: Statistics of TCP Vegas

```
Start at: 2018-07-04 11:57:01
End at: 2018-07-04 11:57:31
Local clock offset: -2.203 ms
Remote clock offset: 14.425 ms

# Below is generated by plot.py at 2018-07-04 14:44:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 54.68 Mbit/s
95th percentile per-packet one-way delay: 91.441 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 31.26 Mbit/s
95th percentile per-packet one-way delay: 89.646 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 25.29 Mbit/s
95th percentile per-packet one-way delay: 87.062 ms
Loss rate: 0.97%
-- Flow 3:
Average throughput: 20.19 Mbit/s
95th percentile per-packet one-way delay: 103.870 ms
Loss rate: 1.87%
```

Run 4: Report of TCP Vegas — Data Link

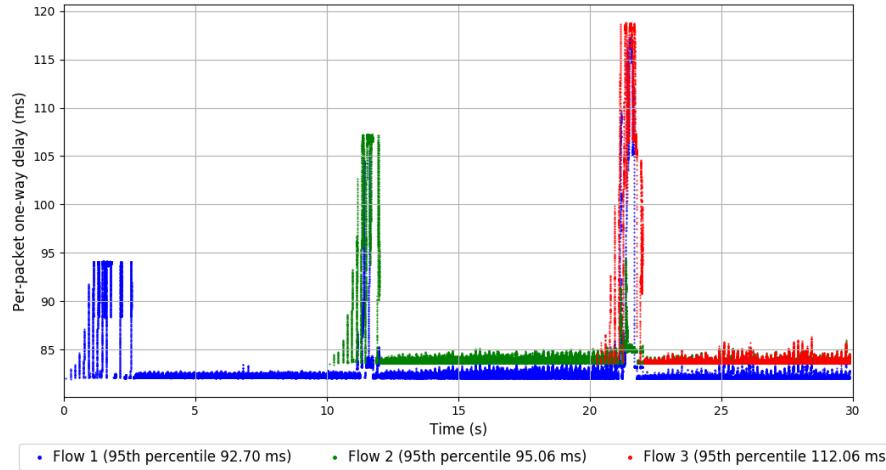
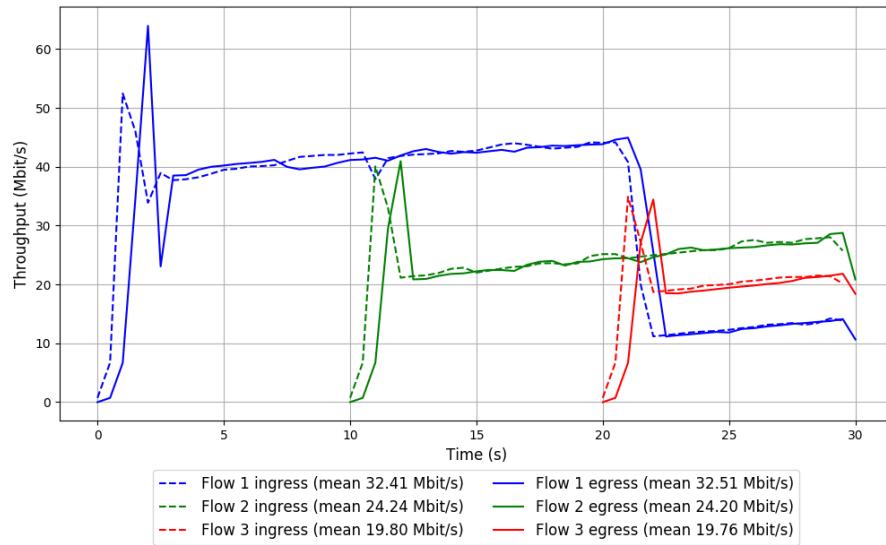


Run 5: Statistics of TCP Vegas

```
Start at: 2018-07-04 12:18:21
End at: 2018-07-04 12:18:51
Local clock offset: -2.137 ms
Remote clock offset: 2.609 ms

# Below is generated by plot.py at 2018-07-04 14:44:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 55.07 Mbit/s
95th percentile per-packet one-way delay: 93.997 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 32.51 Mbit/s
95th percentile per-packet one-way delay: 92.698 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 24.20 Mbit/s
95th percentile per-packet one-way delay: 95.059 ms
Loss rate: 1.01%
-- Flow 3:
Average throughput: 19.76 Mbit/s
95th percentile per-packet one-way delay: 112.062 ms
Loss rate: 1.88%
```

Run 5: Report of TCP Vegas — Data Link

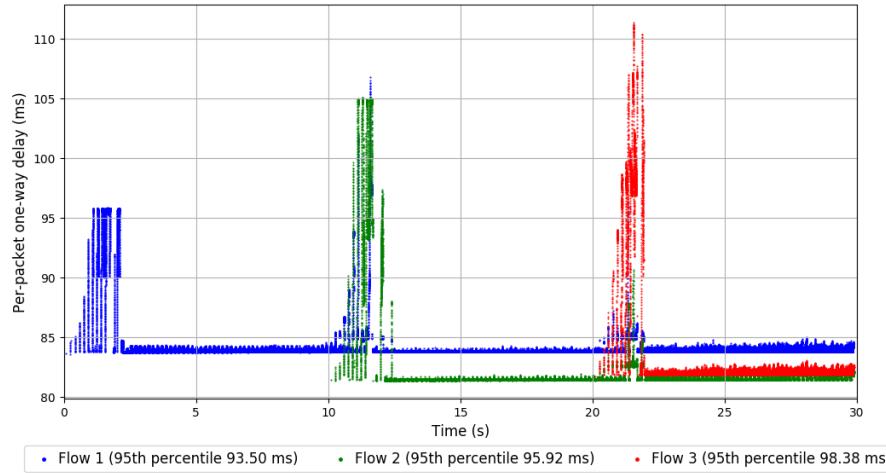
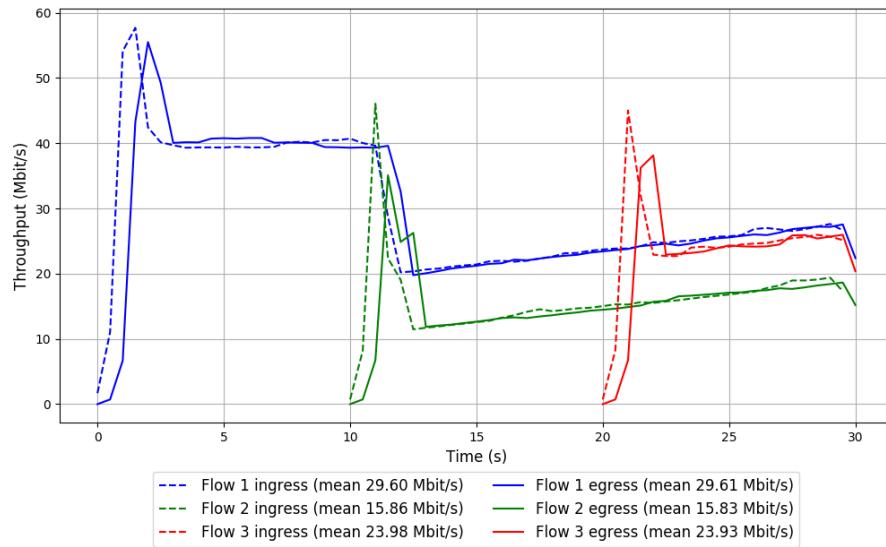


Run 6: Statistics of TCP Vegas

```
Start at: 2018-07-04 12:39:50
End at: 2018-07-04 12:40:20
Local clock offset: -2.648 ms
Remote clock offset: 4.113 ms

# Below is generated by plot.py at 2018-07-04 14:44:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 47.98 Mbit/s
95th percentile per-packet one-way delay: 95.573 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 29.61 Mbit/s
95th percentile per-packet one-way delay: 93.496 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 15.83 Mbit/s
95th percentile per-packet one-way delay: 95.920 ms
Loss rate: 1.01%
-- Flow 3:
Average throughput: 23.93 Mbit/s
95th percentile per-packet one-way delay: 98.378 ms
Loss rate: 1.80%
```

Run 6: Report of TCP Vegas — Data Link

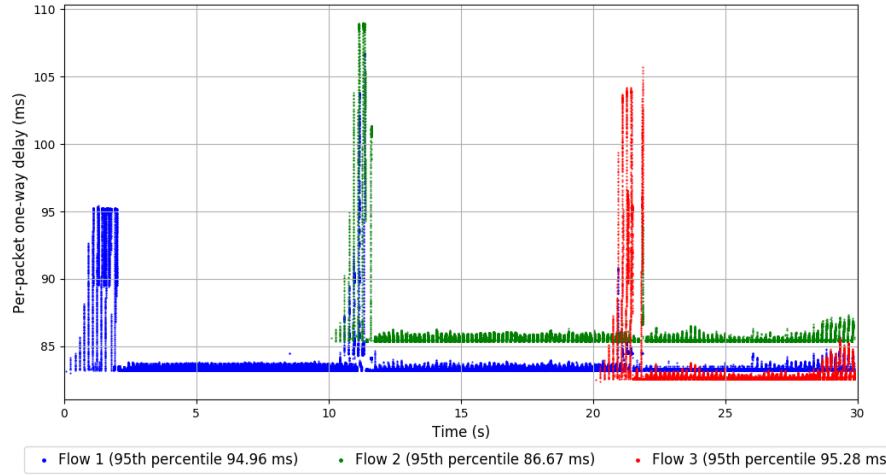
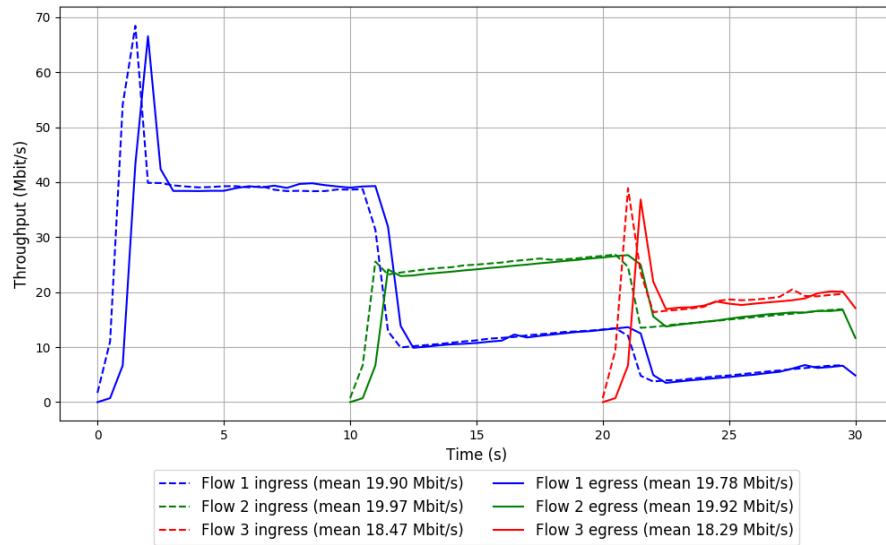


Run 7: Statistics of TCP Vegas

```
Start at: 2018-07-04 13:01:07
End at: 2018-07-04 13:01:37
Local clock offset: -2.385 ms
Remote clock offset: 3.693 ms

# Below is generated by plot.py at 2018-07-04 14:44:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 38.99 Mbit/s
95th percentile per-packet one-way delay: 94.195 ms
Loss rate: 1.36%
-- Flow 1:
Average throughput: 19.78 Mbit/s
95th percentile per-packet one-way delay: 94.962 ms
Loss rate: 1.18%
-- Flow 2:
Average throughput: 19.92 Mbit/s
95th percentile per-packet one-way delay: 86.669 ms
Loss rate: 1.07%
-- Flow 3:
Average throughput: 18.29 Mbit/s
95th percentile per-packet one-way delay: 95.276 ms
Loss rate: 2.58%
```

Run 7: Report of TCP Vegas — Data Link

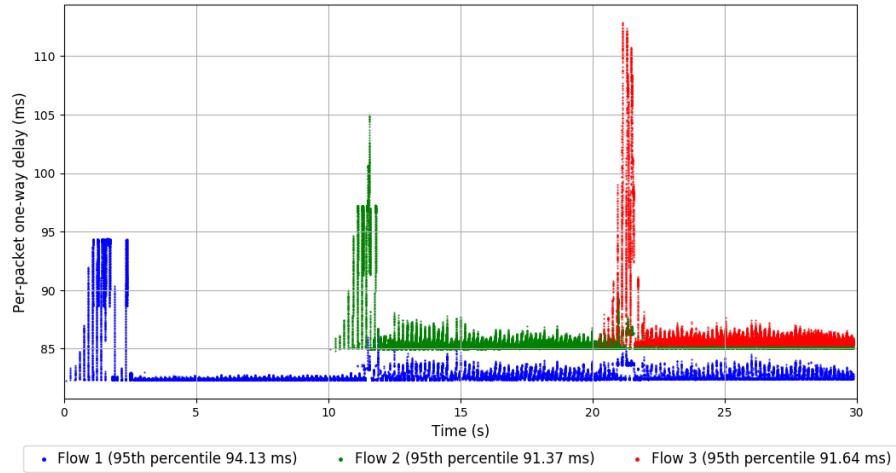
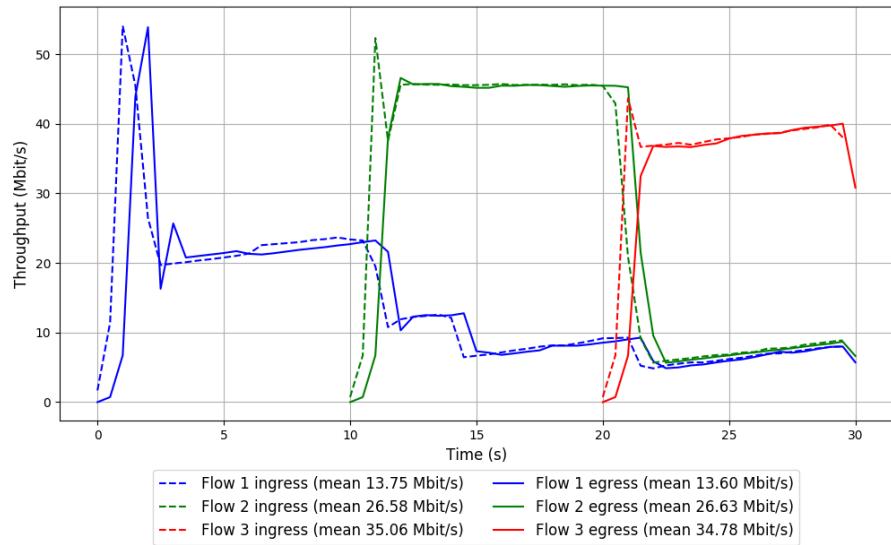


Run 8: Statistics of TCP Vegas

```
Start at: 2018-07-04 13:22:30
End at: 2018-07-04 13:23:00
Local clock offset: -6.088 ms
Remote clock offset: 2.579 ms

# Below is generated by plot.py at 2018-07-04 14:44:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 42.72 Mbit/s
95th percentile per-packet one-way delay: 93.373 ms
Loss rate: 1.44%
-- Flow 1:
Average throughput: 13.60 Mbit/s
95th percentile per-packet one-way delay: 94.132 ms
Loss rate: 1.60%
-- Flow 2:
Average throughput: 26.63 Mbit/s
95th percentile per-packet one-way delay: 91.366 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 34.78 Mbit/s
95th percentile per-packet one-way delay: 91.644 ms
Loss rate: 2.45%
```

Run 8: Report of TCP Vegas — Data Link

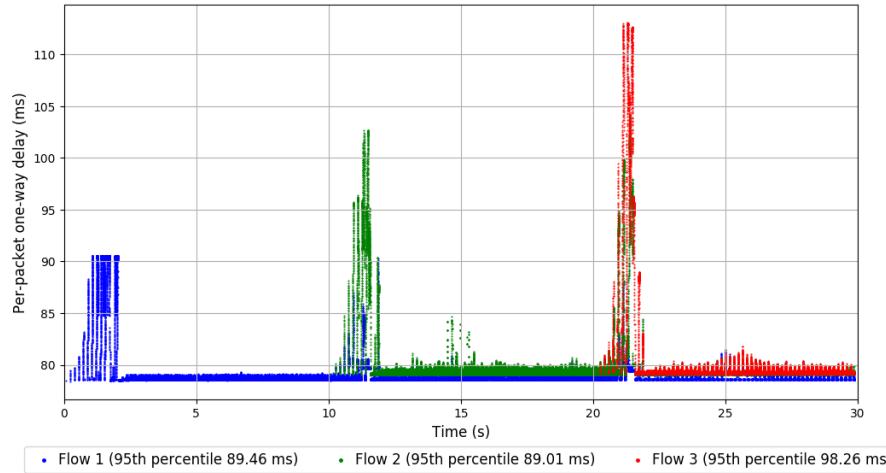
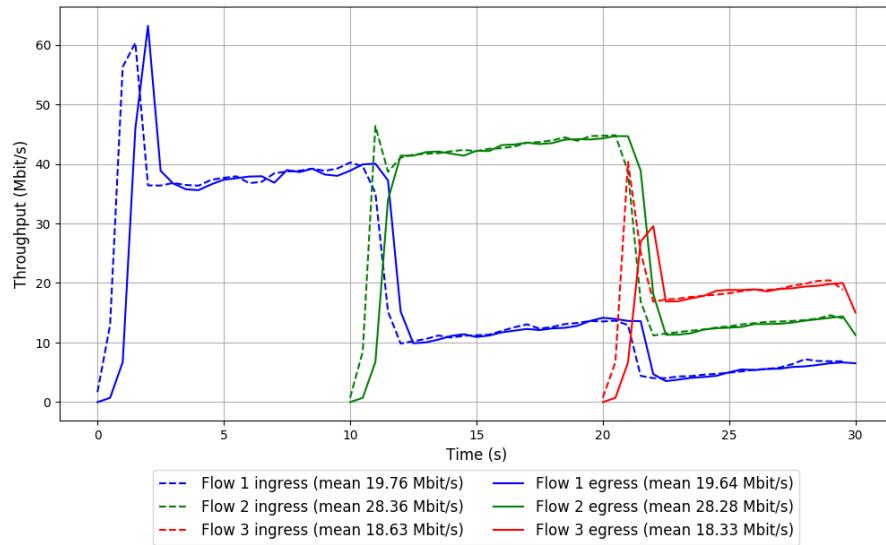


Run 9: Statistics of TCP Vegas

```
Start at: 2018-07-04 13:44:05
End at: 2018-07-04 13:44:35
Local clock offset: -5.951 ms
Remote clock offset: 10.121 ms

# Below is generated by plot.py at 2018-07-04 14:44:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 44.44 Mbit/s
95th percentile per-packet one-way delay: 90.291 ms
Loss rate: 1.39%
-- Flow 1:
Average throughput: 19.64 Mbit/s
95th percentile per-packet one-way delay: 89.456 ms
Loss rate: 1.11%
-- Flow 2:
Average throughput: 28.28 Mbit/s
95th percentile per-packet one-way delay: 89.013 ms
Loss rate: 1.07%
-- Flow 3:
Average throughput: 18.33 Mbit/s
95th percentile per-packet one-way delay: 98.256 ms
Loss rate: 3.22%
```

Run 9: Report of TCP Vegas — Data Link

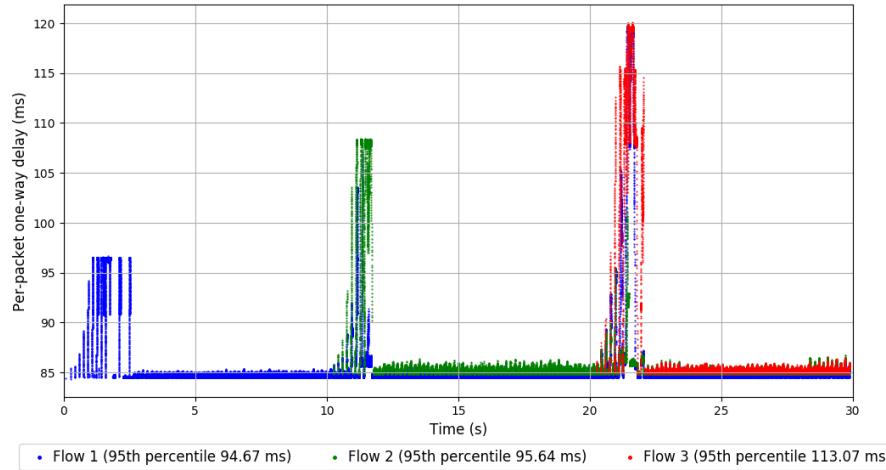
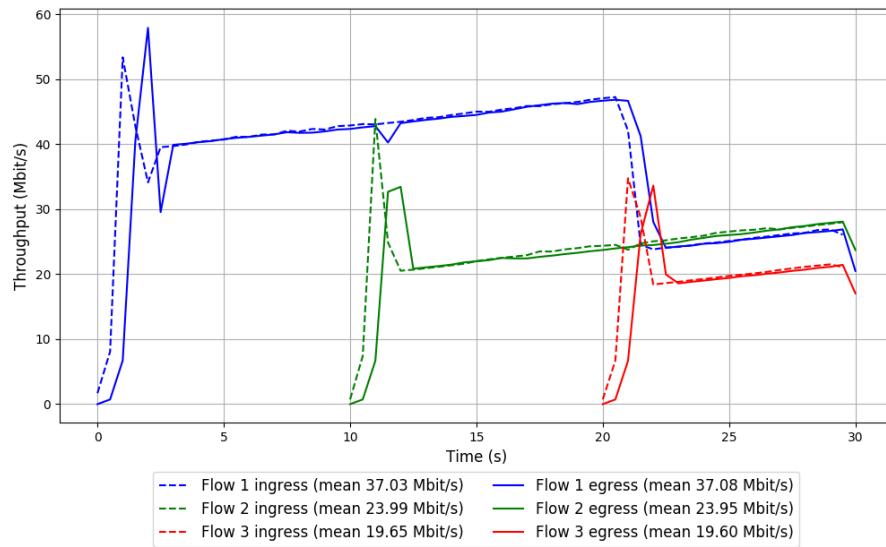


Run 10: Statistics of TCP Vegas

```
Start at: 2018-07-04 14:05:33
End at: 2018-07-04 14:06:03
Local clock offset: -2.389 ms
Remote clock offset: 11.038 ms

# Below is generated by plot.py at 2018-07-04 14:44:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 59.41 Mbit/s
95th percentile per-packet one-way delay: 96.374 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 37.08 Mbit/s
95th percentile per-packet one-way delay: 94.666 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 23.95 Mbit/s
95th percentile per-packet one-way delay: 95.645 ms
Loss rate: 0.99%
-- Flow 3:
Average throughput: 19.60 Mbit/s
95th percentile per-packet one-way delay: 113.073 ms
Loss rate: 1.91%
```

Run 10: Report of TCP Vegas — Data Link

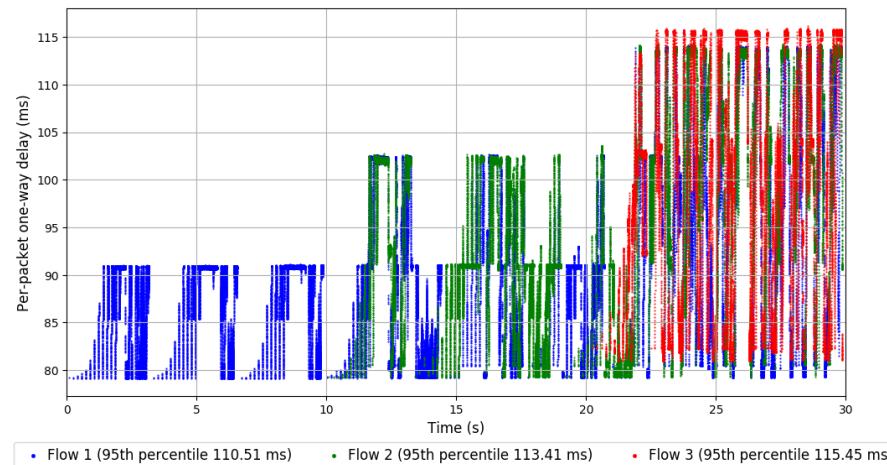
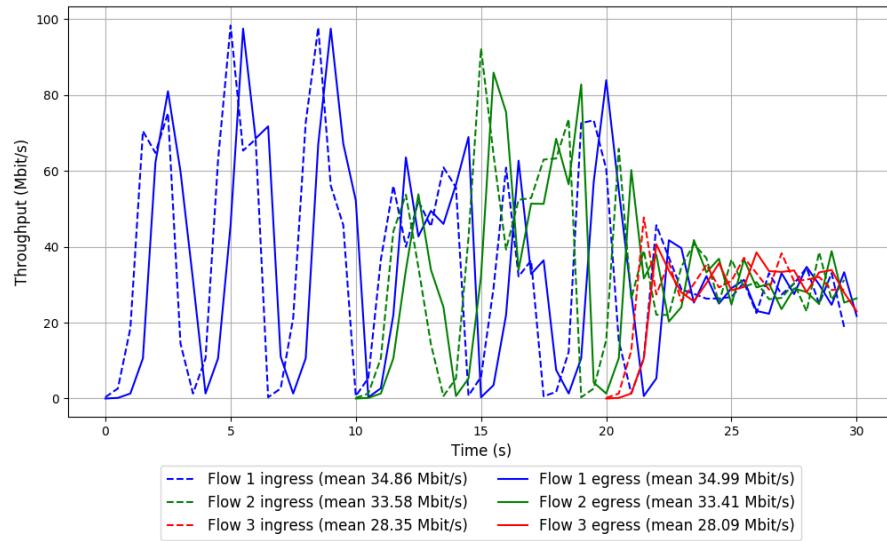


Run 1: Statistics of Verus

```
Start at: 2018-07-04 10:56:53
End at: 2018-07-04 10:57:23
Local clock offset: -2.574 ms
Remote clock offset: 12.285 ms

# Below is generated by plot.py at 2018-07-04 14:44:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 66.33 Mbit/s
95th percentile per-packet one-way delay: 113.460 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 34.99 Mbit/s
95th percentile per-packet one-way delay: 110.512 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 33.41 Mbit/s
95th percentile per-packet one-way delay: 113.405 ms
Loss rate: 1.28%
-- Flow 3:
Average throughput: 28.09 Mbit/s
95th percentile per-packet one-way delay: 115.455 ms
Loss rate: 2.82%
```

Run 1: Report of Verus — Data Link

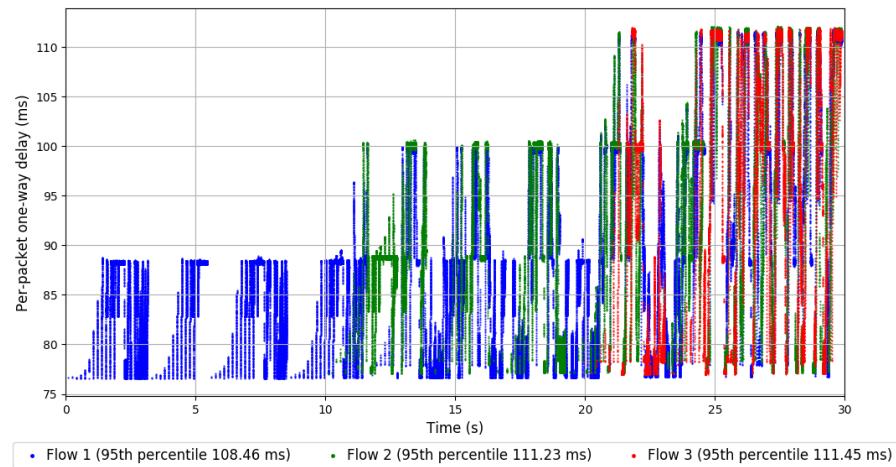
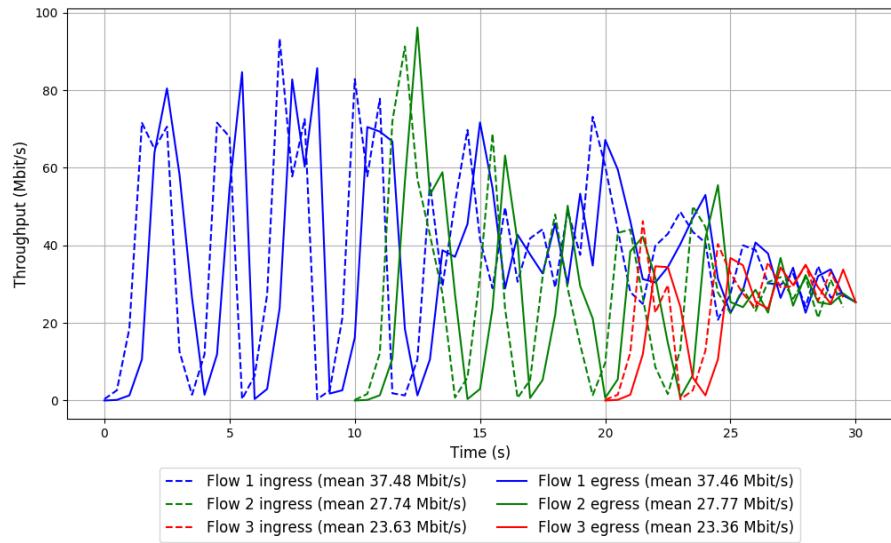


Run 2: Statistics of Verus

```
Start at: 2018-07-04 11:18:04
End at: 2018-07-04 11:18:34
Local clock offset: -5.537 ms
Remote clock offset: 18.588 ms

# Below is generated by plot.py at 2018-07-04 14:44:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 63.59 Mbit/s
95th percentile per-packet one-way delay: 110.884 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 37.46 Mbit/s
95th percentile per-packet one-way delay: 108.457 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 27.77 Mbit/s
95th percentile per-packet one-way delay: 111.228 ms
Loss rate: 0.72%
-- Flow 3:
Average throughput: 23.36 Mbit/s
95th percentile per-packet one-way delay: 111.451 ms
Loss rate: 2.16%
```

Run 2: Report of Verus — Data Link

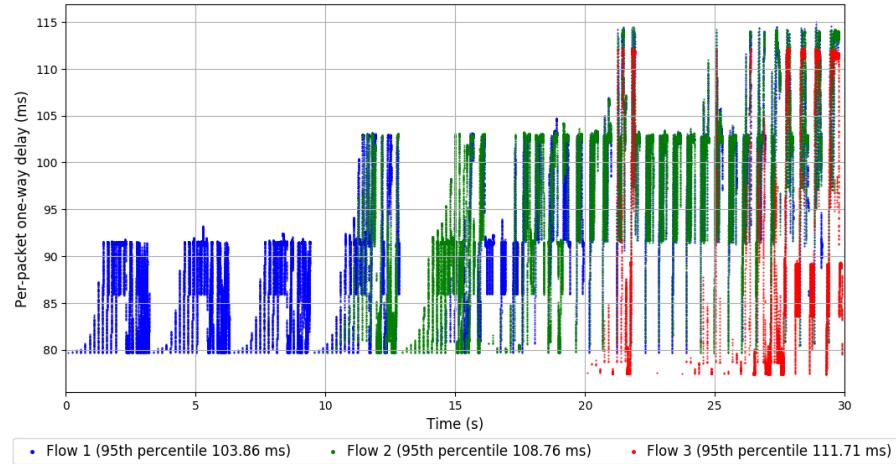
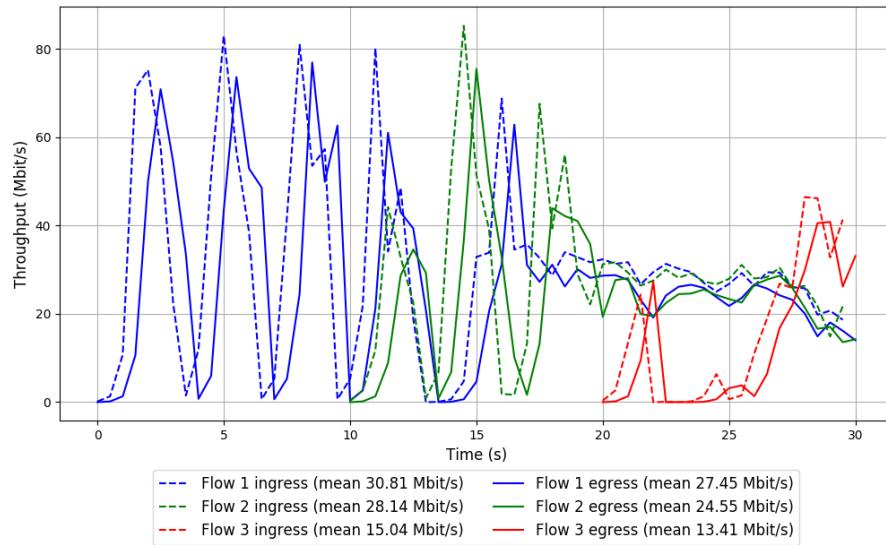


Run 3: Statistics of Verus

```
Start at: 2018-07-04 11:39:28
End at: 2018-07-04 11:39:58
Local clock offset: -8.185 ms
Remote clock offset: 15.591 ms

# Below is generated by plot.py at 2018-07-04 14:44:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 47.98 Mbit/s
95th percentile per-packet one-way delay: 108.712 ms
Loss rate: 12.63%
-- Flow 1:
Average throughput: 27.45 Mbit/s
95th percentile per-packet one-way delay: 103.860 ms
Loss rate: 11.78%
-- Flow 2:
Average throughput: 24.55 Mbit/s
95th percentile per-packet one-way delay: 108.760 ms
Loss rate: 14.08%
-- Flow 3:
Average throughput: 13.41 Mbit/s
95th percentile per-packet one-way delay: 111.708 ms
Loss rate: 12.44%
```

Run 3: Report of Verus — Data Link

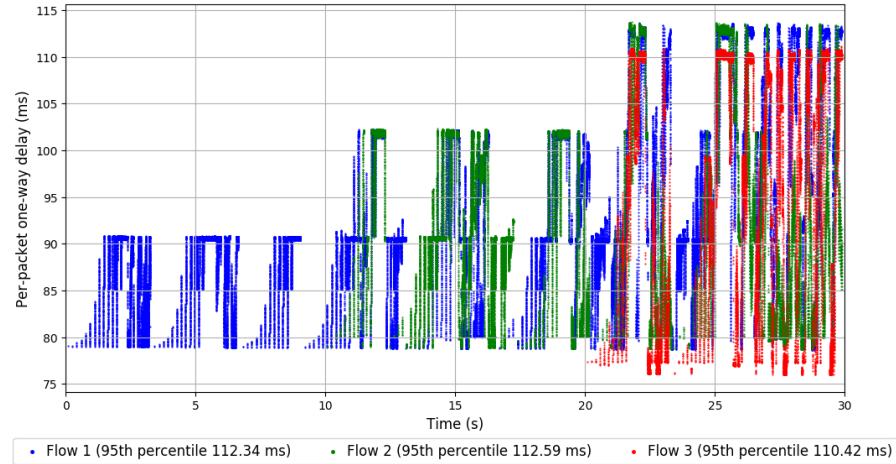
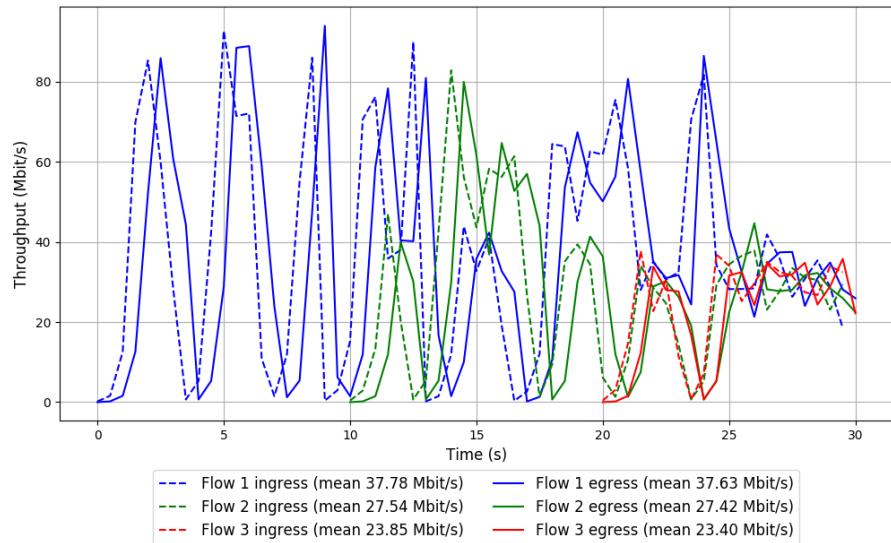


Run 4: Statistics of Verus

```
Start at: 2018-07-04 12:00:49
End at: 2018-07-04 12:01:19
Local clock offset: -1.754 ms
Remote clock offset: 12.632 ms

# Below is generated by plot.py at 2018-07-04 14:44:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 63.54 Mbit/s
95th percentile per-packet one-way delay: 111.962 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 37.63 Mbit/s
95th percentile per-packet one-way delay: 112.337 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 27.42 Mbit/s
95th percentile per-packet one-way delay: 112.591 ms
Loss rate: 1.30%
-- Flow 3:
Average throughput: 23.40 Mbit/s
95th percentile per-packet one-way delay: 110.415 ms
Loss rate: 3.26%
```

Run 4: Report of Verus — Data Link

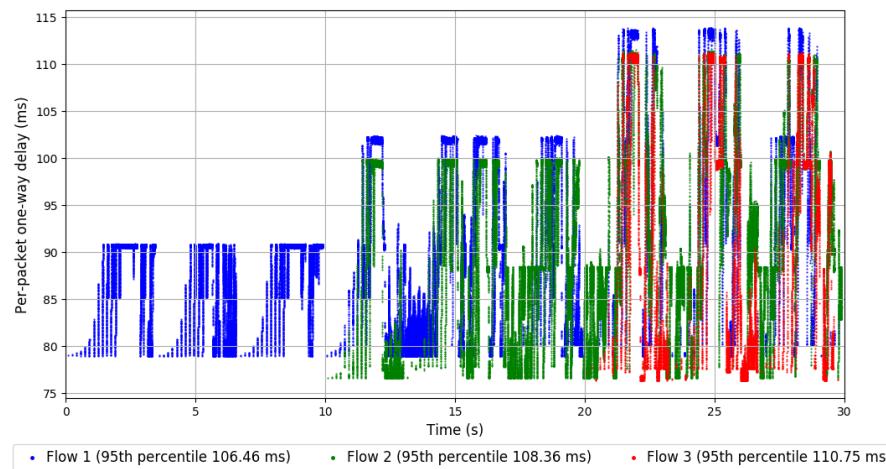
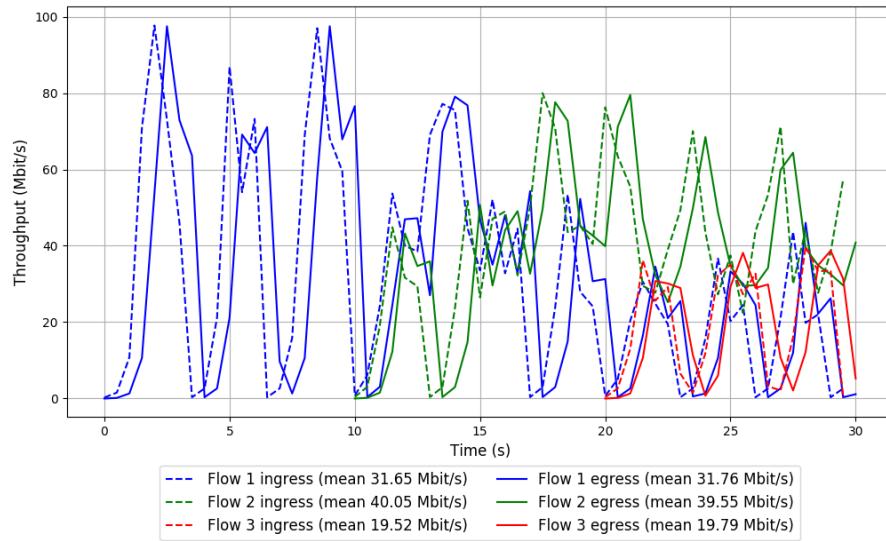


Run 5: Statistics of Verus

```
Start at: 2018-07-04 12:22:08
End at: 2018-07-04 12:22:38
Local clock offset: -2.366 ms
Remote clock offset: 7.206 ms

# Below is generated by plot.py at 2018-07-04 14:44:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 64.32 Mbit/s
95th percentile per-packet one-way delay: 109.976 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 31.76 Mbit/s
95th percentile per-packet one-way delay: 106.457 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 39.55 Mbit/s
95th percentile per-packet one-way delay: 108.357 ms
Loss rate: 2.08%
-- Flow 3:
Average throughput: 19.79 Mbit/s
95th percentile per-packet one-way delay: 110.754 ms
Loss rate: 0.30%
```

Run 5: Report of Verus — Data Link

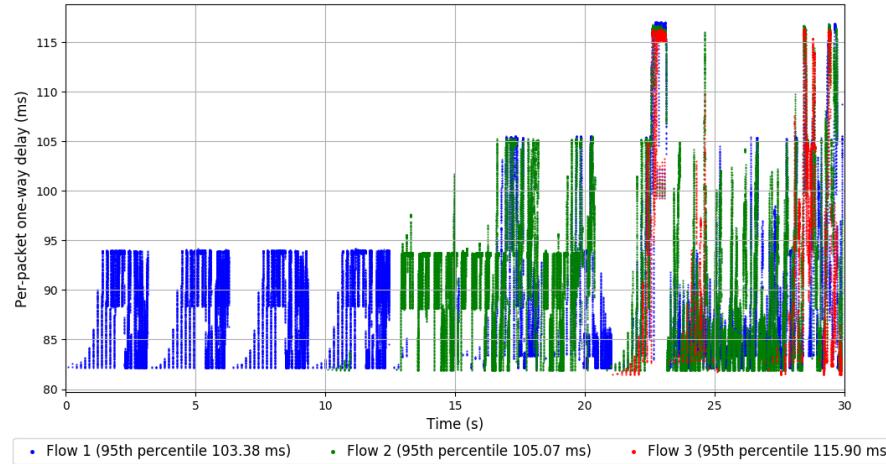
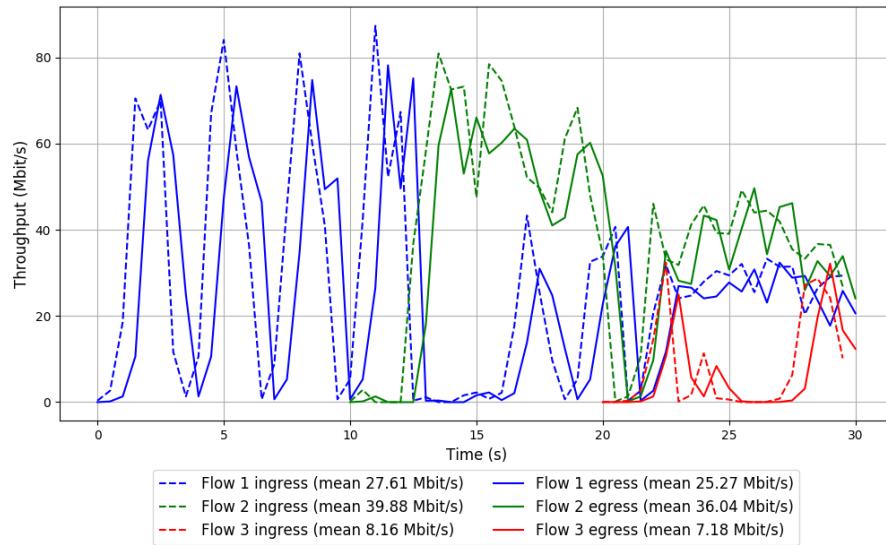


Run 6: Statistics of Verus

```
Start at: 2018-07-04 12:43:36
End at: 2018-07-04 12:44:06
Local clock offset: -2.577 ms
Remote clock offset: 4.322 ms

# Below is generated by plot.py at 2018-07-04 14:44:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 51.56 Mbit/s
95th percentile per-packet one-way delay: 105.274 ms
Loss rate: 9.59%
-- Flow 1:
Average throughput: 25.27 Mbit/s
95th percentile per-packet one-way delay: 103.381 ms
Loss rate: 8.96%
-- Flow 2:
Average throughput: 36.04 Mbit/s
95th percentile per-packet one-way delay: 105.067 ms
Loss rate: 9.85%
-- Flow 3:
Average throughput: 7.18 Mbit/s
95th percentile per-packet one-way delay: 115.900 ms
Loss rate: 13.44%
```

Run 6: Report of Verus — Data Link

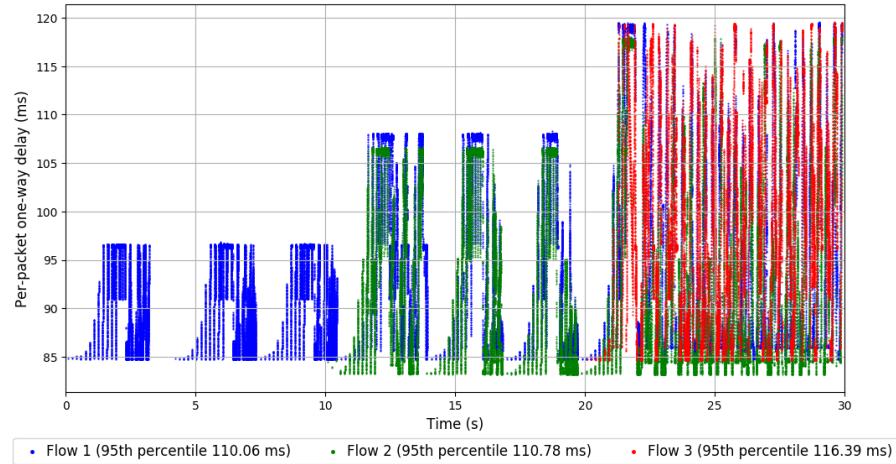
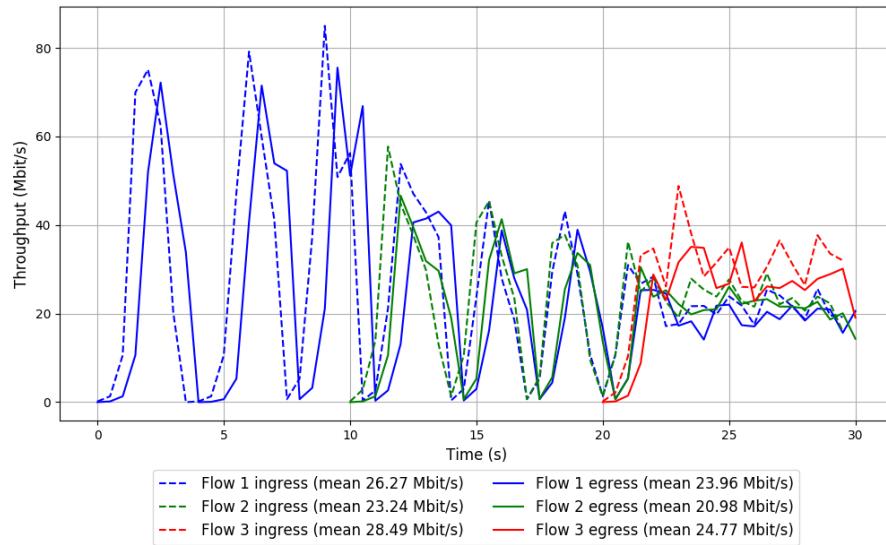


Run 7: Statistics of Verus

```
Start at: 2018-07-04 13:05:01
End at: 2018-07-04 13:05:31
Local clock offset: -2.326 ms
Remote clock offset: 3.512 ms

# Below is generated by plot.py at 2018-07-04 14:44:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 46.05 Mbit/s
95th percentile per-packet one-way delay: 113.268 ms
Loss rate: 10.39%
-- Flow 1:
Average throughput: 23.96 Mbit/s
95th percentile per-packet one-way delay: 110.063 ms
Loss rate: 9.05%
-- Flow 2:
Average throughput: 20.98 Mbit/s
95th percentile per-packet one-way delay: 110.780 ms
Loss rate: 10.10%
-- Flow 3:
Average throughput: 24.77 Mbit/s
95th percentile per-packet one-way delay: 116.390 ms
Loss rate: 14.55%
```

Run 7: Report of Verus — Data Link

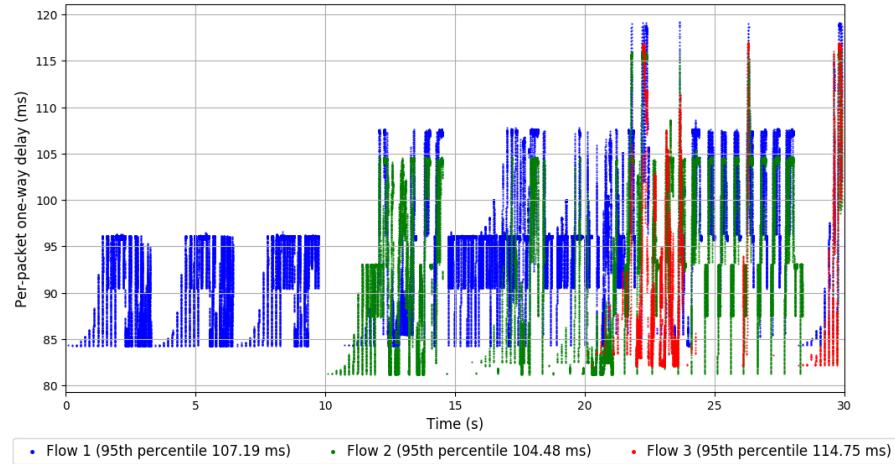
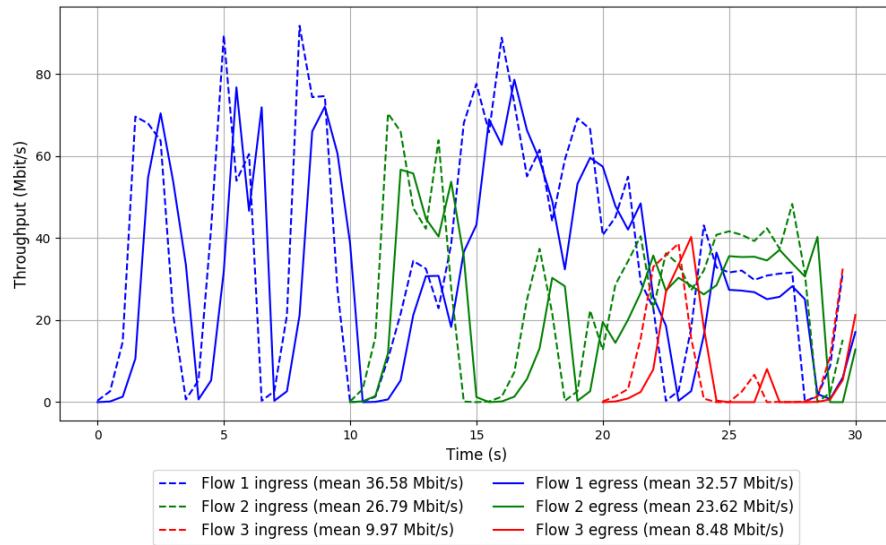


Run 8: Statistics of Verus

```
Start at: 2018-07-04 13:26:17
End at: 2018-07-04 13:26:47
Local clock offset: -6.68 ms
Remote clock offset: 3.456 ms

# Below is generated by plot.py at 2018-07-04 14:44:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 51.04 Mbit/s
95th percentile per-packet one-way delay: 107.140 ms
Loss rate: 11.90%
-- Flow 1:
Average throughput: 32.57 Mbit/s
95th percentile per-packet one-way delay: 107.194 ms
Loss rate: 11.48%
-- Flow 2:
Average throughput: 23.62 Mbit/s
95th percentile per-packet one-way delay: 104.482 ms
Loss rate: 11.93%
-- Flow 3:
Average throughput: 8.48 Mbit/s
95th percentile per-packet one-way delay: 114.751 ms
Loss rate: 16.40%
```

Run 8: Report of Verus — Data Link

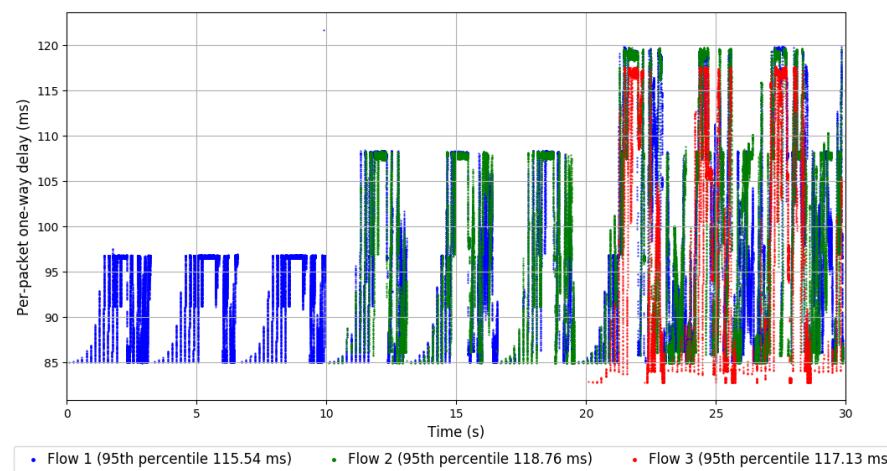
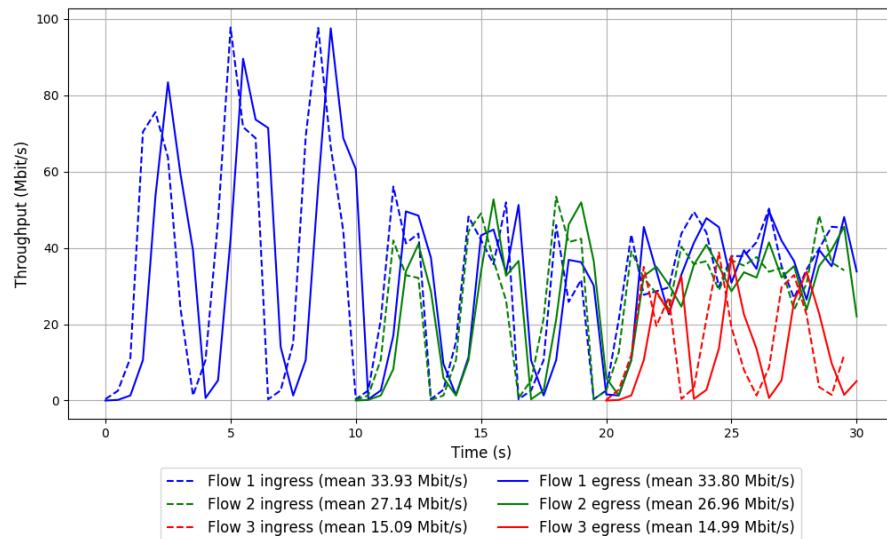


Run 9: Statistics of Verus

```
Start at: 2018-07-04 13:48:01
End at: 2018-07-04 13:48:31
Local clock offset: -4.566 ms
Remote clock offset: 7.767 ms

# Below is generated by plot.py at 2018-07-04 14:44:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 56.60 Mbit/s
95th percentile per-packet one-way delay: 117.285 ms
Loss rate: 1.30%
-- Flow 1:
Average throughput: 33.80 Mbit/s
95th percentile per-packet one-way delay: 115.539 ms
Loss rate: 0.97%
-- Flow 2:
Average throughput: 26.96 Mbit/s
95th percentile per-packet one-way delay: 118.756 ms
Loss rate: 1.57%
-- Flow 3:
Average throughput: 14.99 Mbit/s
95th percentile per-packet one-way delay: 117.133 ms
Loss rate: 2.56%
```

Run 9: Report of Verus — Data Link

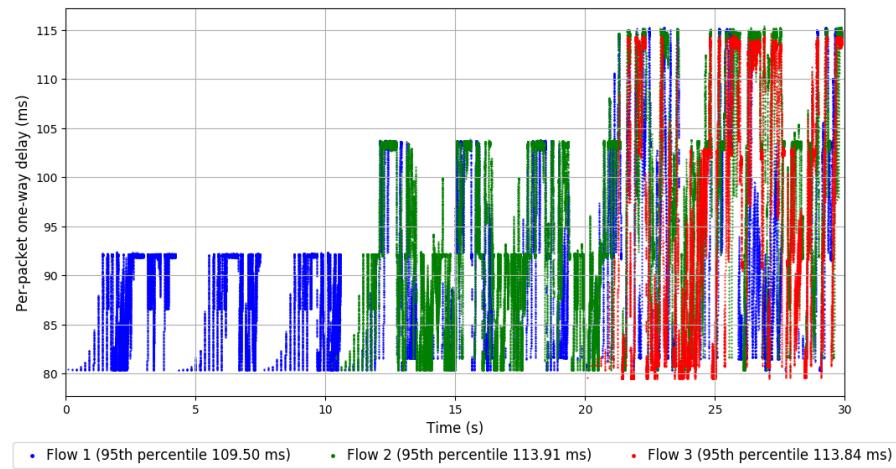
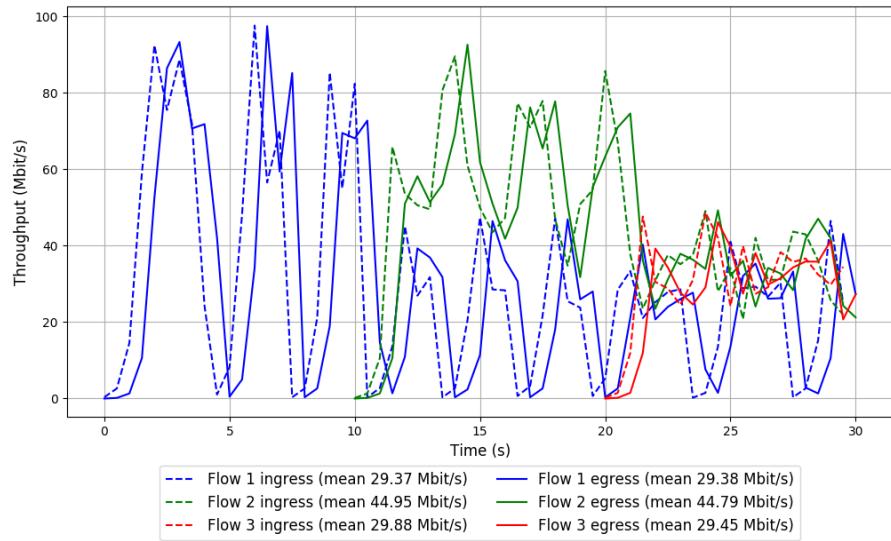


Run 10: Statistics of Verus

```
Start at: 2018-07-04 14:09:19
End at: 2018-07-04 14:09:49
Local clock offset: -2.142 ms
Remote clock offset: 16.435 ms

# Below is generated by plot.py at 2018-07-04 14:45:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 68.81 Mbit/s
95th percentile per-packet one-way delay: 113.627 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 29.38 Mbit/s
95th percentile per-packet one-way delay: 109.496 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 44.79 Mbit/s
95th percentile per-packet one-way delay: 113.905 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 29.45 Mbit/s
95th percentile per-packet one-way delay: 113.845 ms
Loss rate: 3.10%
```

Run 10: Report of Verus — Data Link

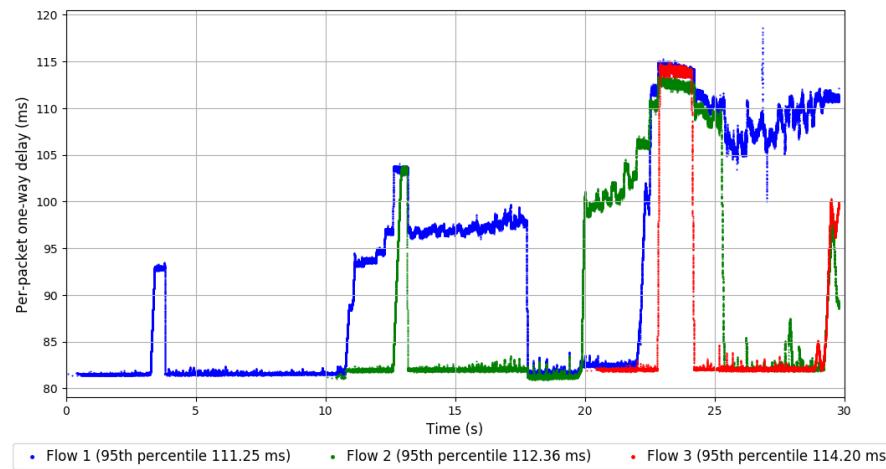
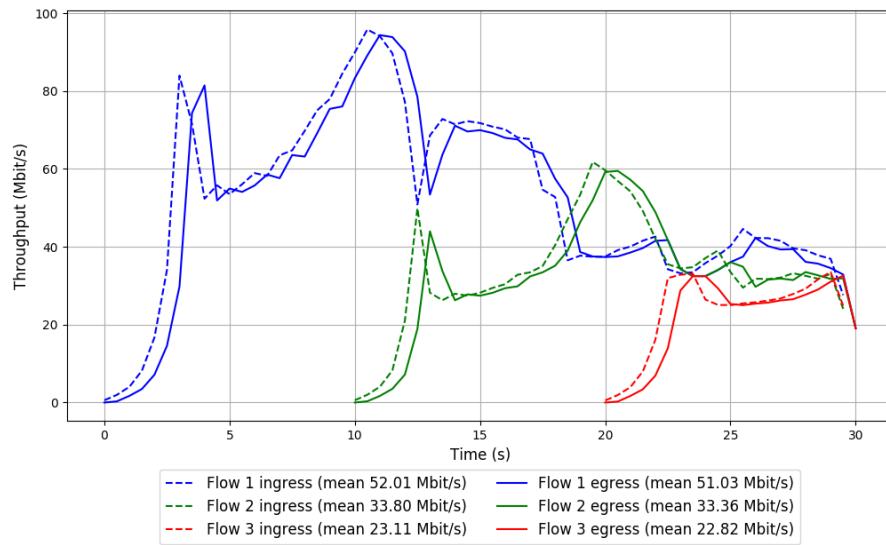


Run 1: Statistics of PCC-Vivace

```
Start at: 2018-07-04 11:09:12
End at: 2018-07-04 11:09:42
Local clock offset: -2.673 ms
Remote clock offset: 12.143 ms

# Below is generated by plot.py at 2018-07-04 14:45:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 80.61 Mbit/s
95th percentile per-packet one-way delay: 112.337 ms
Loss rate: 2.41%
-- Flow 1:
Average throughput: 51.03 Mbit/s
95th percentile per-packet one-way delay: 111.249 ms
Loss rate: 2.45%
-- Flow 2:
Average throughput: 33.36 Mbit/s
95th percentile per-packet one-way delay: 112.365 ms
Loss rate: 2.15%
-- Flow 3:
Average throughput: 22.82 Mbit/s
95th percentile per-packet one-way delay: 114.205 ms
Loss rate: 2.94%
```

Run 1: Report of PCC-Vivace — Data Link

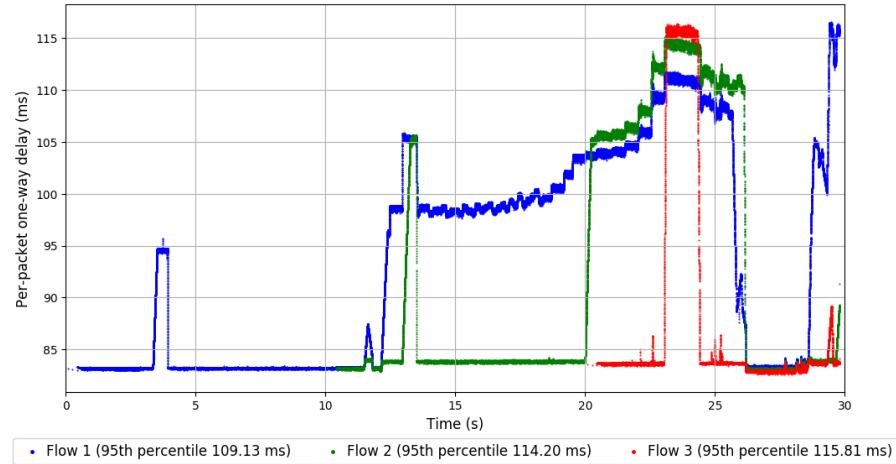
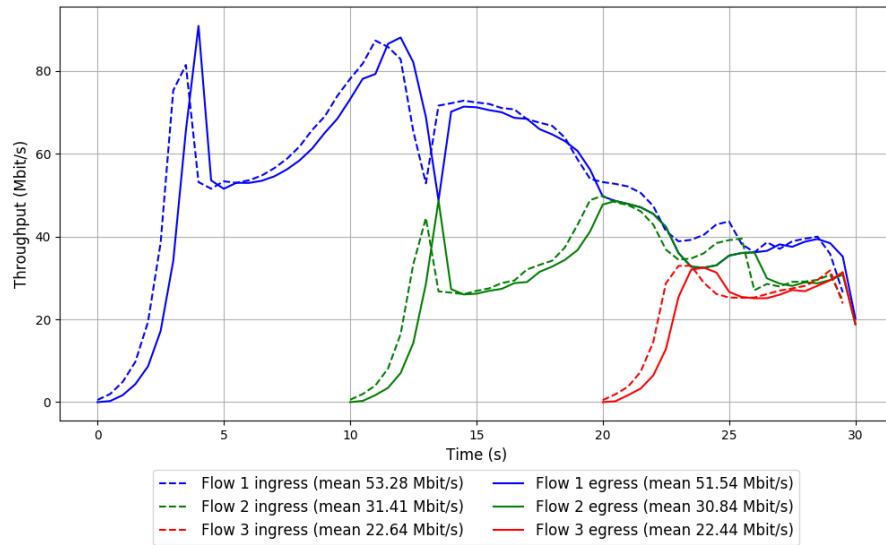


Run 2: Statistics of PCC-Vivace

```
Start at: 2018-07-04 11:30:24
End at: 2018-07-04 11:30:54
Local clock offset: -7.401 ms
Remote clock offset: 10.745 ms

# Below is generated by plot.py at 2018-07-04 14:45:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.32 Mbit/s
95th percentile per-packet one-way delay: 111.855 ms
Loss rate: 3.41%
-- Flow 1:
Average throughput: 51.54 Mbit/s
95th percentile per-packet one-way delay: 109.134 ms
Loss rate: 3.83%
-- Flow 2:
Average throughput: 30.84 Mbit/s
95th percentile per-packet one-way delay: 114.197 ms
Loss rate: 2.64%
-- Flow 3:
Average throughput: 22.44 Mbit/s
95th percentile per-packet one-way delay: 115.811 ms
Loss rate: 2.59%
```

Run 2: Report of PCC-Vivace — Data Link

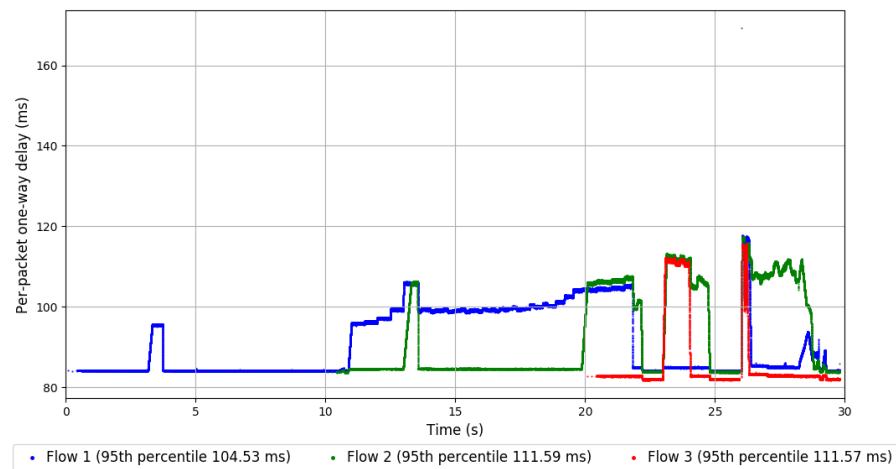
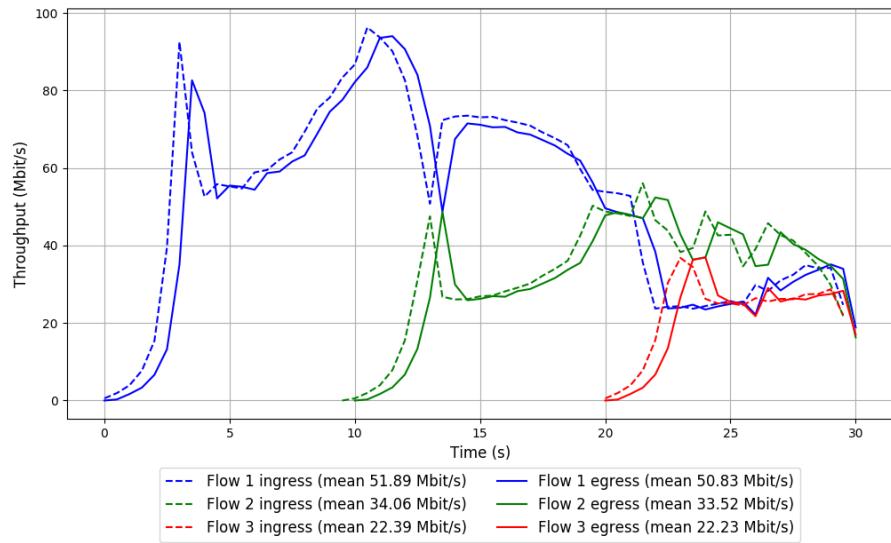


Run 3: Statistics of PCC-Vivace

```
Start at: 2018-07-04 11:51:51
End at: 2018-07-04 11:52:21
Local clock offset: -3.1 ms
Remote clock offset: 12.155 ms

# Below is generated by plot.py at 2018-07-04 14:45:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 80.33 Mbit/s
95th percentile per-packet one-way delay: 108.735 ms
Loss rate: 2.54%
-- Flow 1:
Average throughput: 50.83 Mbit/s
95th percentile per-packet one-way delay: 104.526 ms
Loss rate: 2.61%
-- Flow 2:
Average throughput: 33.52 Mbit/s
95th percentile per-packet one-way delay: 111.595 ms
Loss rate: 2.43%
-- Flow 3:
Average throughput: 22.23 Mbit/s
95th percentile per-packet one-way delay: 111.568 ms
Loss rate: 2.44%
```

Run 3: Report of PCC-Vivace — Data Link

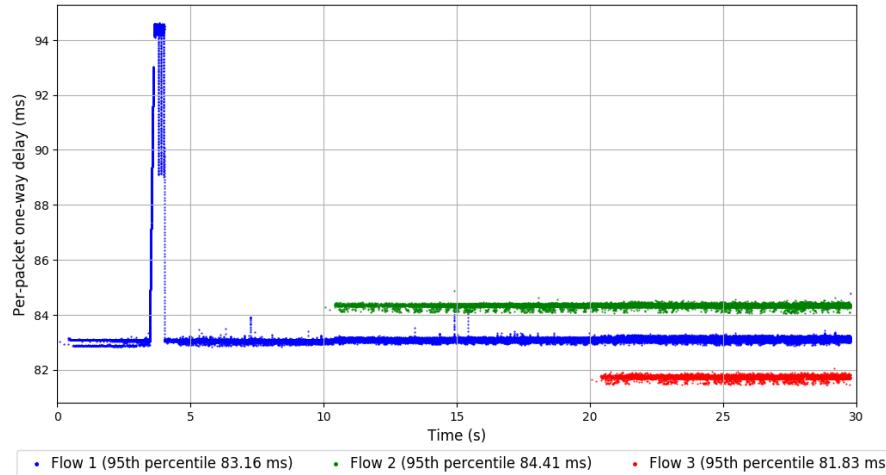
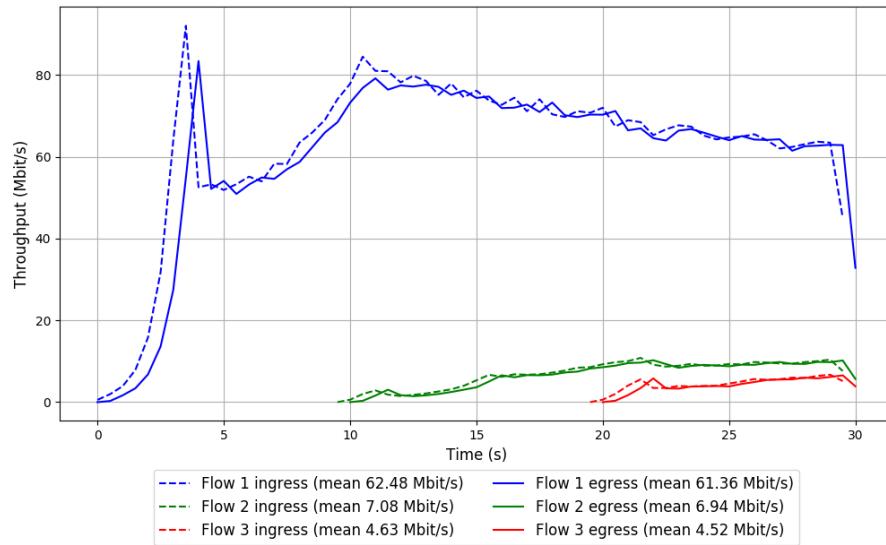


Run 4: Statistics of PCC-Vivace

```
Start at: 2018-07-04 12:13:12
End at: 2018-07-04 12:13:42
Local clock offset: -1.545 ms
Remote clock offset: 3.573 ms

# Below is generated by plot.py at 2018-07-04 14:45:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 67.45 Mbit/s
95th percentile per-packet one-way delay: 84.345 ms
Loss rate: 2.41%
-- Flow 1:
Average throughput: 61.36 Mbit/s
95th percentile per-packet one-way delay: 83.159 ms
Loss rate: 2.34%
-- Flow 2:
Average throughput: 6.94 Mbit/s
95th percentile per-packet one-way delay: 84.410 ms
Loss rate: 2.78%
-- Flow 3:
Average throughput: 4.52 Mbit/s
95th percentile per-packet one-way delay: 81.828 ms
Loss rate: 4.00%
```

Run 4: Report of PCC-Vivace — Data Link

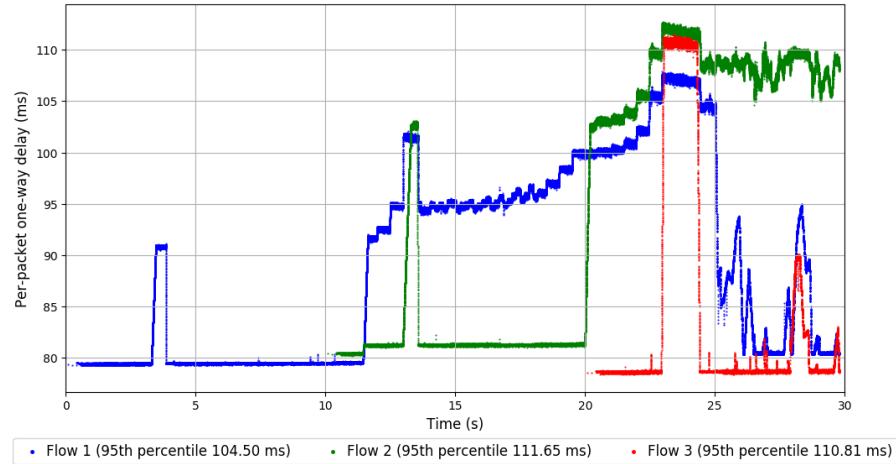
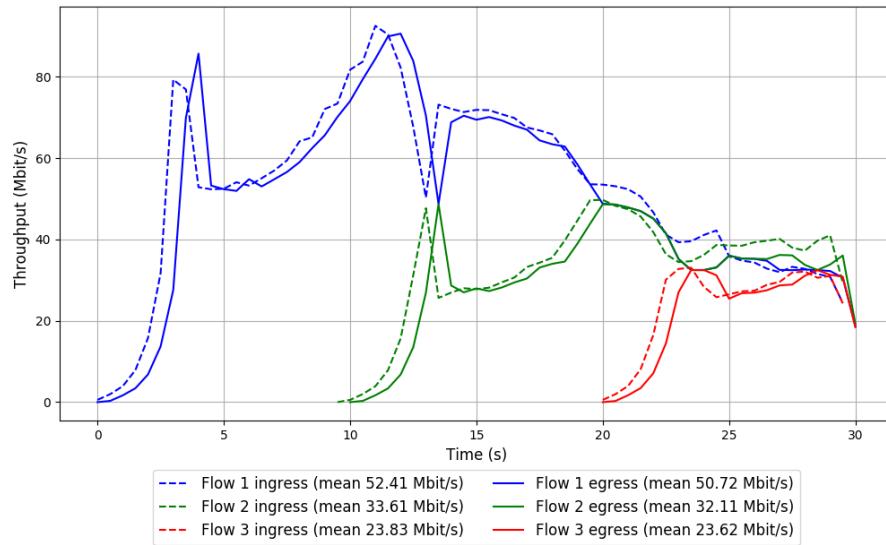


Run 5: Statistics of PCC-Vivace

```
Start at: 2018-07-04 12:34:40
End at: 2018-07-04 12:35:10
Local clock offset: -2.644 ms
Remote clock offset: 7.081 ms

# Below is generated by plot.py at 2018-07-04 14:45:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.73 Mbit/s
95th percentile per-packet one-way delay: 109.577 ms
Loss rate: 4.08%
-- Flow 1:
Average throughput: 50.72 Mbit/s
95th percentile per-packet one-way delay: 104.498 ms
Loss rate: 3.78%
-- Flow 2:
Average throughput: 32.11 Mbit/s
95th percentile per-packet one-way delay: 111.649 ms
Loss rate: 5.31%
-- Flow 3:
Average throughput: 23.62 Mbit/s
95th percentile per-packet one-way delay: 110.809 ms
Loss rate: 2.57%
```

Run 5: Report of PCC-Vivace — Data Link

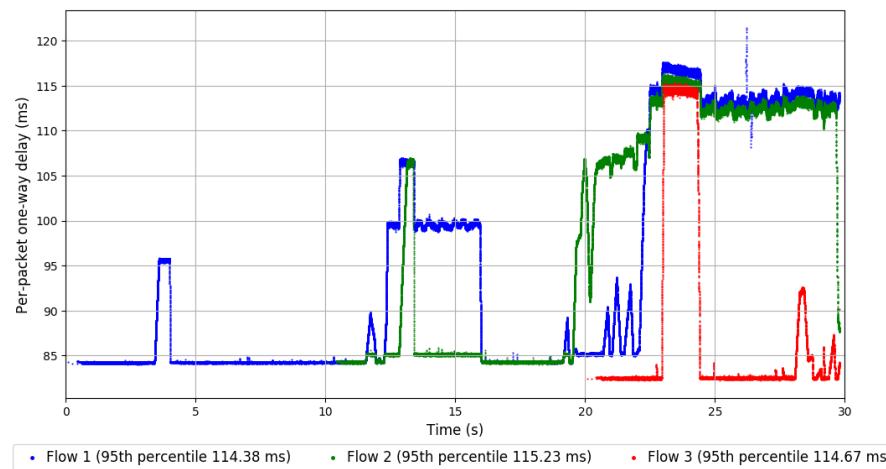
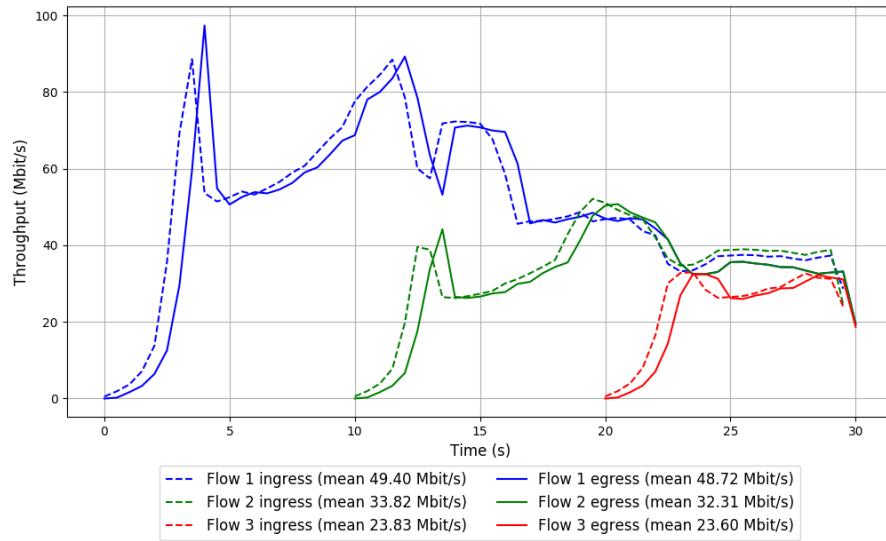


Run 6: Statistics of PCC-Vivace

```
Start at: 2018-07-04 12:55:57
End at: 2018-07-04 12:56:27
Local clock offset: -2.448 ms
Remote clock offset: 4.73 ms

# Below is generated by plot.py at 2018-07-04 14:45:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.84 Mbit/s
95th percentile per-packet one-way delay: 114.616 ms
Loss rate: 2.96%
-- Flow 1:
Average throughput: 48.72 Mbit/s
95th percentile per-packet one-way delay: 114.375 ms
Loss rate: 1.95%
-- Flow 2:
Average throughput: 32.31 Mbit/s
95th percentile per-packet one-way delay: 115.231 ms
Loss rate: 5.29%
-- Flow 3:
Average throughput: 23.60 Mbit/s
95th percentile per-packet one-way delay: 114.670 ms
Loss rate: 2.63%
```

Run 6: Report of PCC-Vivace — Data Link

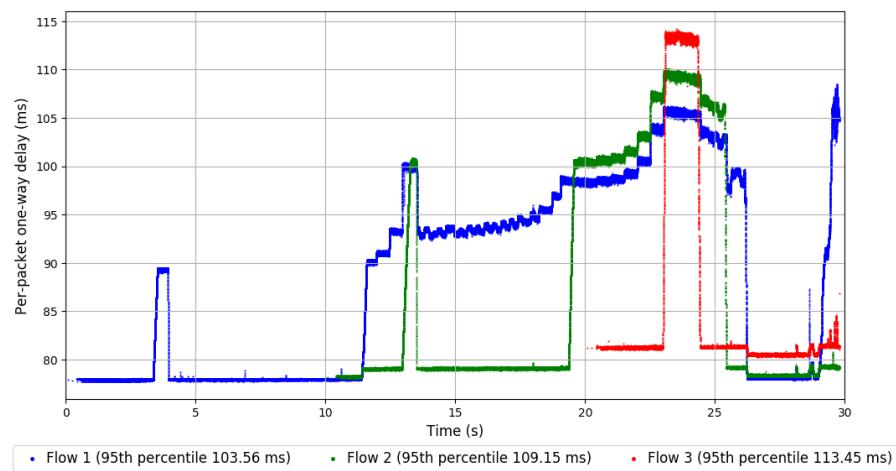
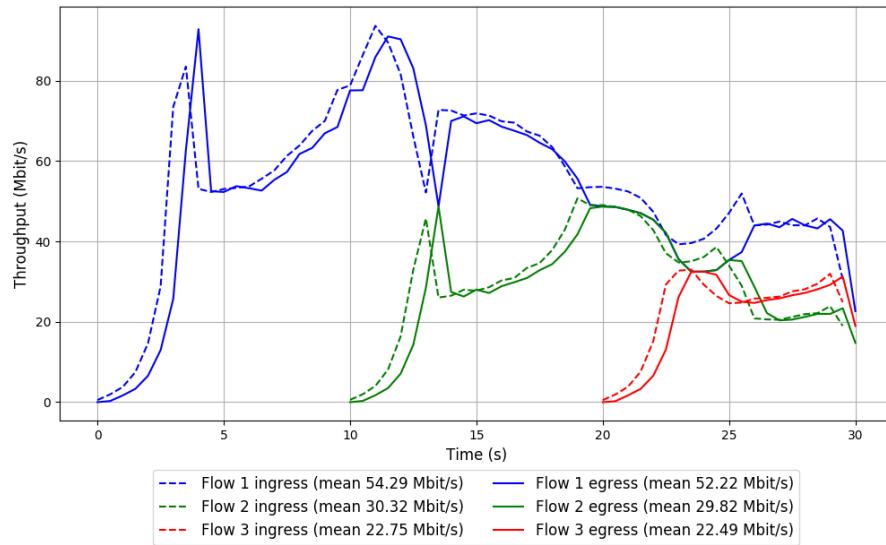


Run 7: Statistics of PCC-Vivace

```
Start at: 2018-07-04 13:17:21
End at: 2018-07-04 13:17:51
Local clock offset: -5.006 ms
Remote clock offset: 7.798 ms

# Below is generated by plot.py at 2018-07-04 14:46:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.34 Mbit/s
95th percentile per-packet one-way delay: 106.467 ms
Loss rate: 3.75%
-- Flow 1:
Average throughput: 52.22 Mbit/s
95th percentile per-packet one-way delay: 103.565 ms
Loss rate: 4.36%
-- Flow 2:
Average throughput: 29.82 Mbit/s
95th percentile per-packet one-way delay: 109.146 ms
Loss rate: 2.46%
-- Flow 3:
Average throughput: 22.49 Mbit/s
95th percentile per-packet one-way delay: 113.454 ms
Loss rate: 2.82%
```

Run 7: Report of PCC-Vivace — Data Link

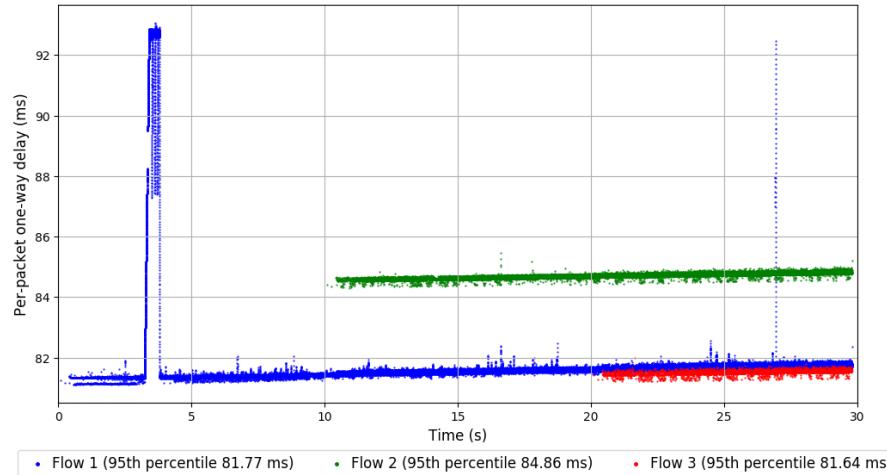
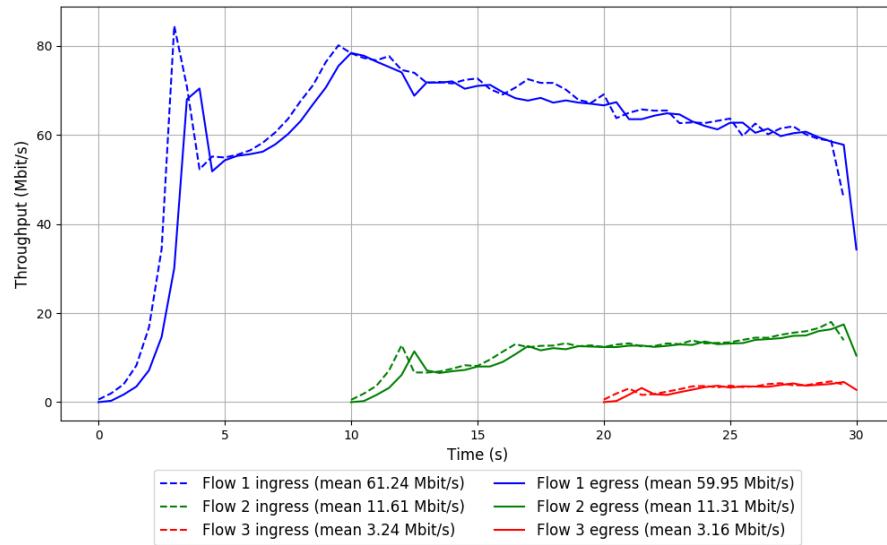


Run 8: Statistics of PCC-Vivace

```
Start at: 2018-07-04 13:38:37
End at: 2018-07-04 13:39:07
Local clock offset: -7.776 ms
Remote clock offset: 4.111 ms

# Below is generated by plot.py at 2018-07-04 14:46:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 68.48 Mbit/s
95th percentile per-packet one-way delay: 84.774 ms
Loss rate: 2.77%
-- Flow 1:
Average throughput: 59.95 Mbit/s
95th percentile per-packet one-way delay: 81.767 ms
Loss rate: 2.66%
-- Flow 2:
Average throughput: 11.31 Mbit/s
95th percentile per-packet one-way delay: 84.856 ms
Loss rate: 3.45%
-- Flow 3:
Average throughput: 3.16 Mbit/s
95th percentile per-packet one-way delay: 81.642 ms
Loss rate: 4.18%
```

Run 8: Report of PCC-Vivace — Data Link

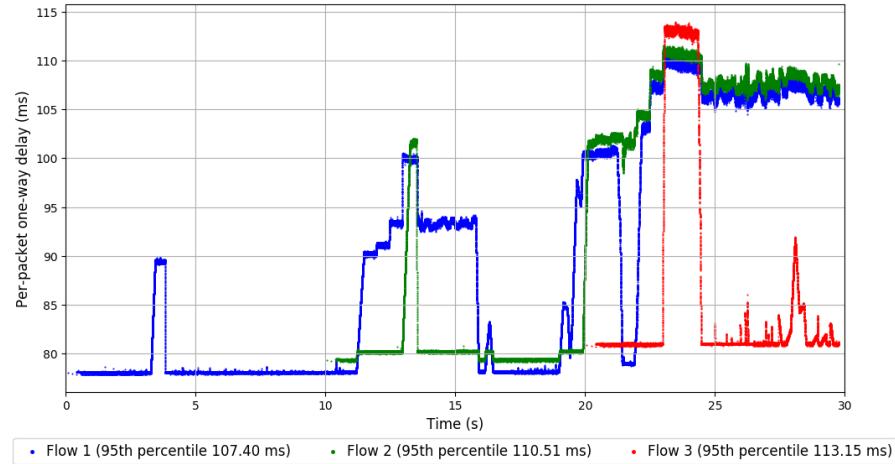
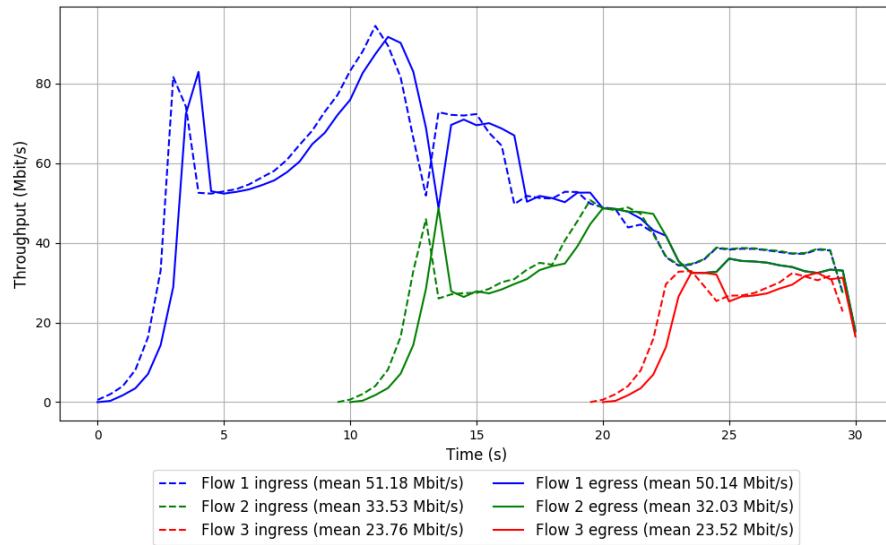


Run 9: Statistics of PCC-Vivace

```
Start at: 2018-07-04 14:00:22
End at: 2018-07-04 14:00:52
Local clock offset: -2.659 ms
Remote clock offset: 15.399 ms

# Below is generated by plot.py at 2018-07-04 14:46:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.09 Mbit/s
95th percentile per-packet one-way delay: 109.486 ms
Loss rate: 3.37%
-- Flow 1:
Average throughput: 50.14 Mbit/s
95th percentile per-packet one-way delay: 107.400 ms
Loss rate: 2.61%
-- Flow 2:
Average throughput: 32.03 Mbit/s
95th percentile per-packet one-way delay: 110.506 ms
Loss rate: 5.32%
-- Flow 3:
Average throughput: 23.52 Mbit/s
95th percentile per-packet one-way delay: 113.149 ms
Loss rate: 2.74%
```

Run 9: Report of PCC-Vivace — Data Link

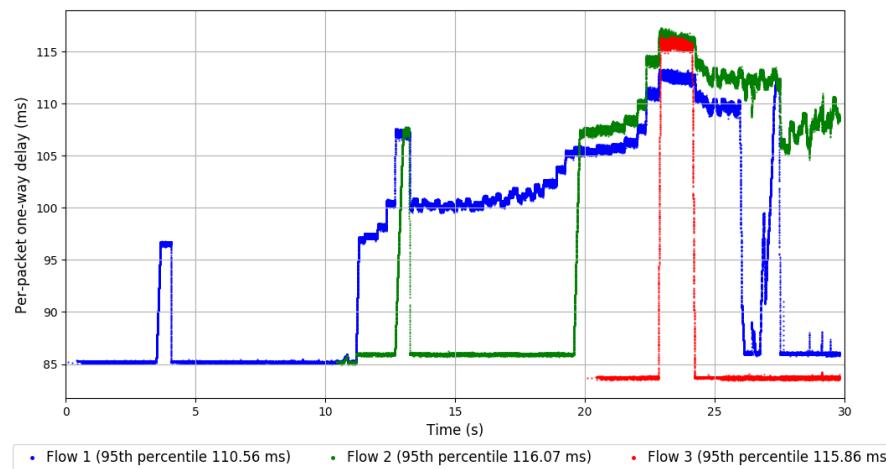
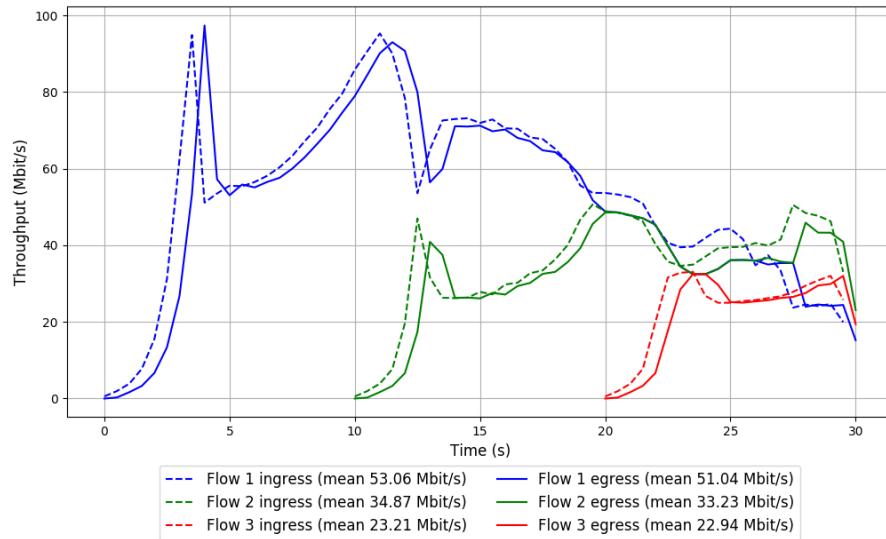


Run 10: Statistics of PCC-Vivace

```
Start at: 2018-07-04 14:21:41
End at: 2018-07-04 14:22:11
Local clock offset: -2.7 ms
Remote clock offset: 5.912 ms

# Below is generated by plot.py at 2018-07-04 14:46:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 80.58 Mbit/s
95th percentile per-packet one-way delay: 113.177 ms
Loss rate: 4.54%
-- Flow 1:
Average throughput: 51.04 Mbit/s
95th percentile per-packet one-way delay: 110.560 ms
Loss rate: 4.35%
-- Flow 2:
Average throughput: 33.23 Mbit/s
95th percentile per-packet one-way delay: 116.073 ms
Loss rate: 5.53%
-- Flow 3:
Average throughput: 22.94 Mbit/s
95th percentile per-packet one-way delay: 115.865 ms
Loss rate: 2.87%
```

Run 10: Report of PCC-Vivace — Data Link

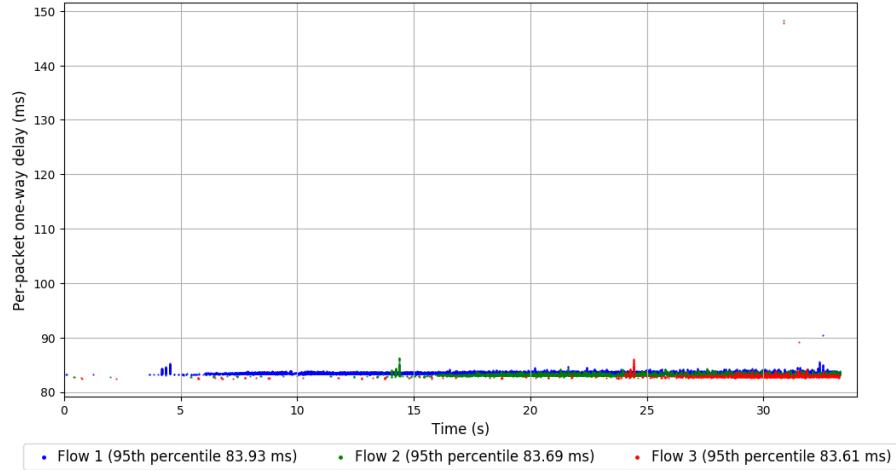
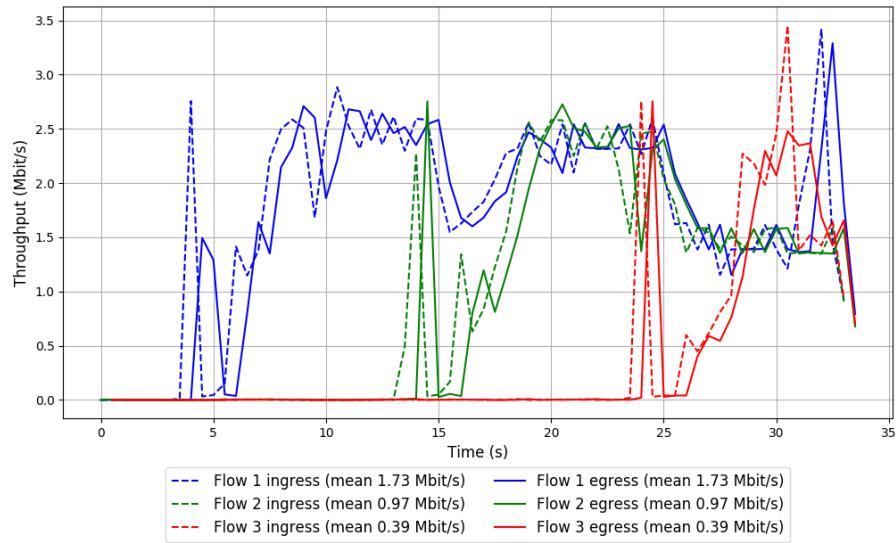


```
Run 1: Statistics of WebRTC media

Start at: 2018-07-04 11:01:44
End at: 2018-07-04 11:02:14
Local clock offset: -2.613 ms
Remote clock offset: 9.569 ms

# Below is generated by plot.py at 2018-07-04 14:46:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.07 Mbit/s
95th percentile per-packet one-way delay: 83.864 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 1.73 Mbit/s
95th percentile per-packet one-way delay: 83.927 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 0.97 Mbit/s
95th percentile per-packet one-way delay: 83.692 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 83.608 ms
Loss rate: 1.81%
```

Run 1: Report of WebRTC media — Data Link

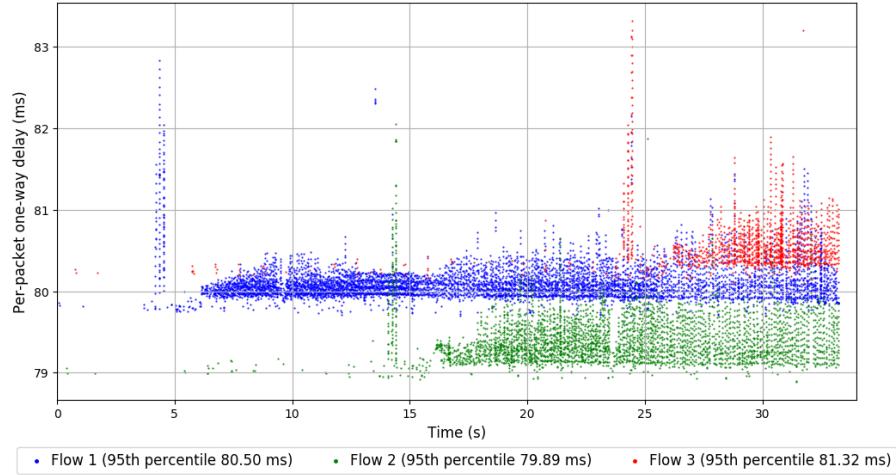
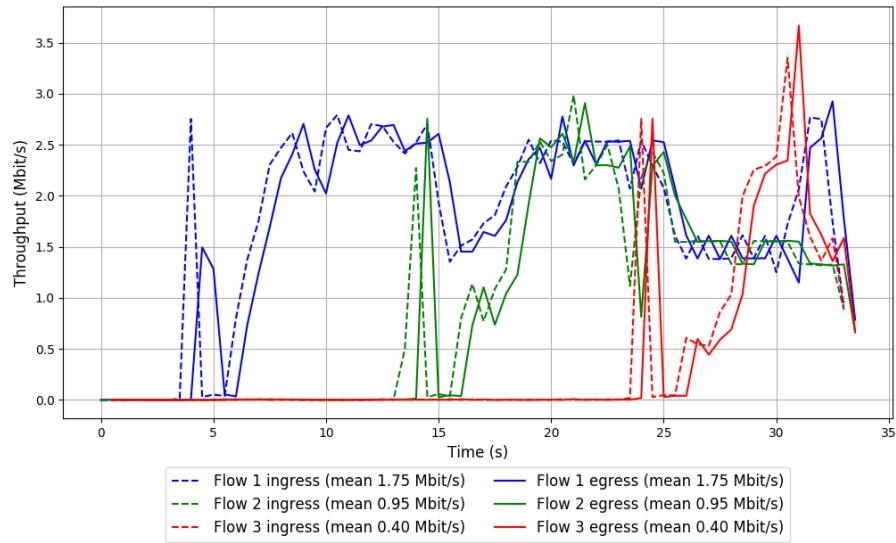


Run 2: Statistics of WebRTC media

```
Start at: 2018-07-04 11:22:56
End at: 2018-07-04 11:23:26
Local clock offset: -6.527 ms
Remote clock offset: 17.272 ms

# Below is generated by plot.py at 2018-07-04 14:46:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.08 Mbit/s
95th percentile per-packet one-way delay: 80.712 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 1.75 Mbit/s
95th percentile per-packet one-way delay: 80.502 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 0.95 Mbit/s
95th percentile per-packet one-way delay: 79.890 ms
Loss rate: 0.70%
-- Flow 3:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 81.318 ms
Loss rate: 1.71%
```

Run 2: Report of WebRTC media — Data Link

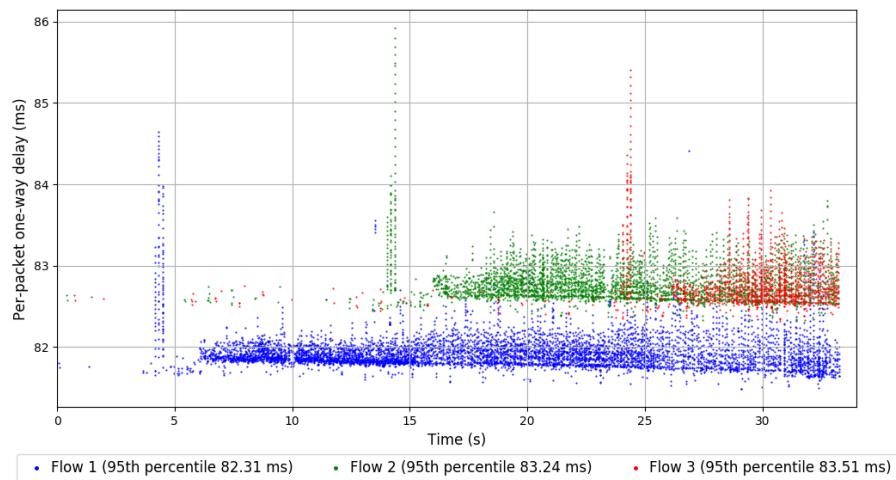
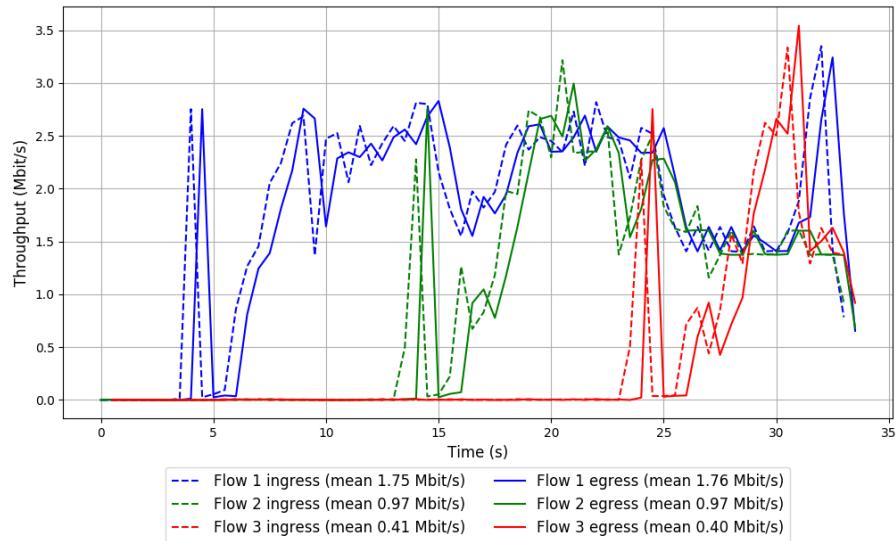


Run 3: Statistics of WebRTC media

```
Start at: 2018-07-04 11:44:20
End at: 2018-07-04 11:44:50
Local clock offset: -5.751 ms
Remote clock offset: 10.742 ms

# Below is generated by plot.py at 2018-07-04 14:46:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.11 Mbit/s
95th percentile per-packet one-way delay: 83.128 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 1.76 Mbit/s
95th percentile per-packet one-way delay: 82.310 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 0.97 Mbit/s
95th percentile per-packet one-way delay: 83.239 ms
Loss rate: 0.72%
-- Flow 3:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 83.511 ms
Loss rate: 2.56%
```

Run 3: Report of WebRTC media — Data Link

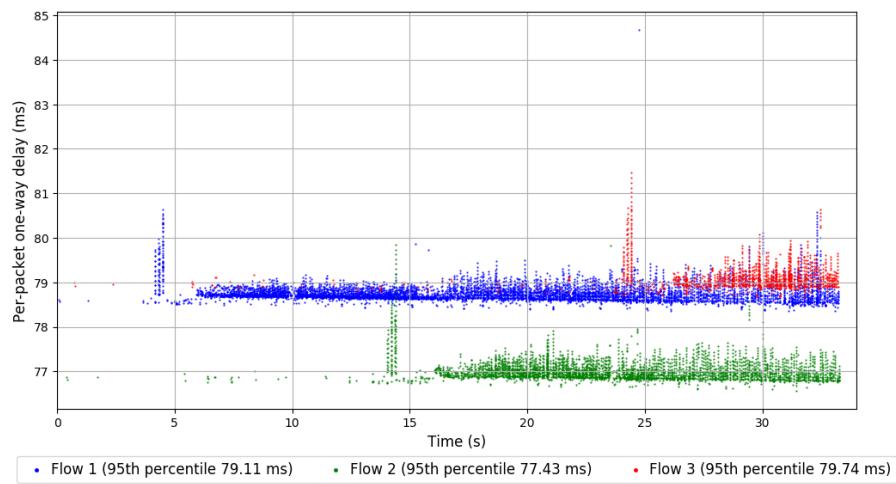
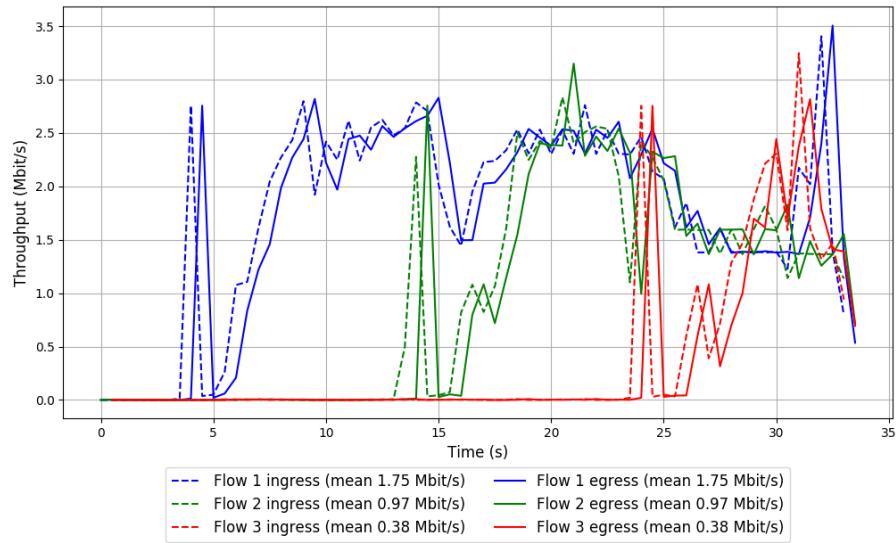


Run 4: Statistics of WebRTC media

```
Start at: 2018-07-04 12:05:41
End at: 2018-07-04 12:06:11
Local clock offset: -1.311 ms
Remote clock offset: 10.34 ms

# Below is generated by plot.py at 2018-07-04 14:46:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.08 Mbit/s
95th percentile per-packet one-way delay: 79.222 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 1.75 Mbit/s
95th percentile per-packet one-way delay: 79.112 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 0.97 Mbit/s
95th percentile per-packet one-way delay: 77.432 ms
Loss rate: 0.72%
-- Flow 3:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 79.741 ms
Loss rate: 1.91%
```

Run 4: Report of WebRTC media — Data Link

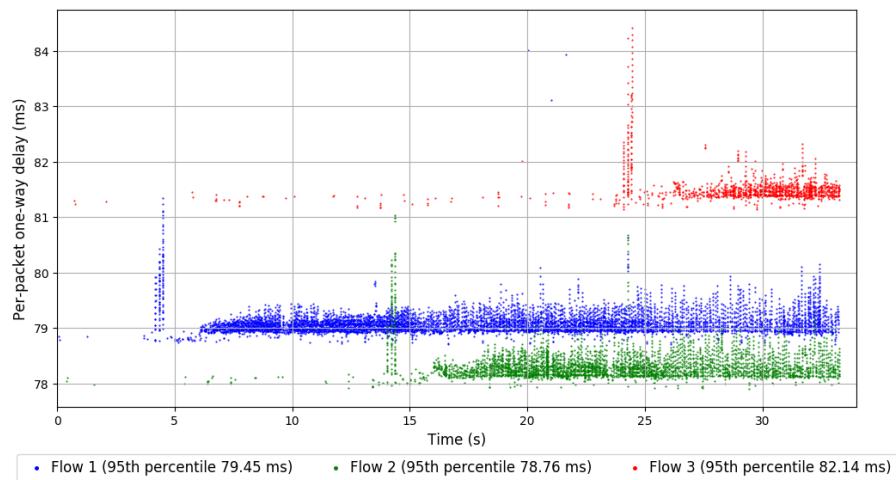
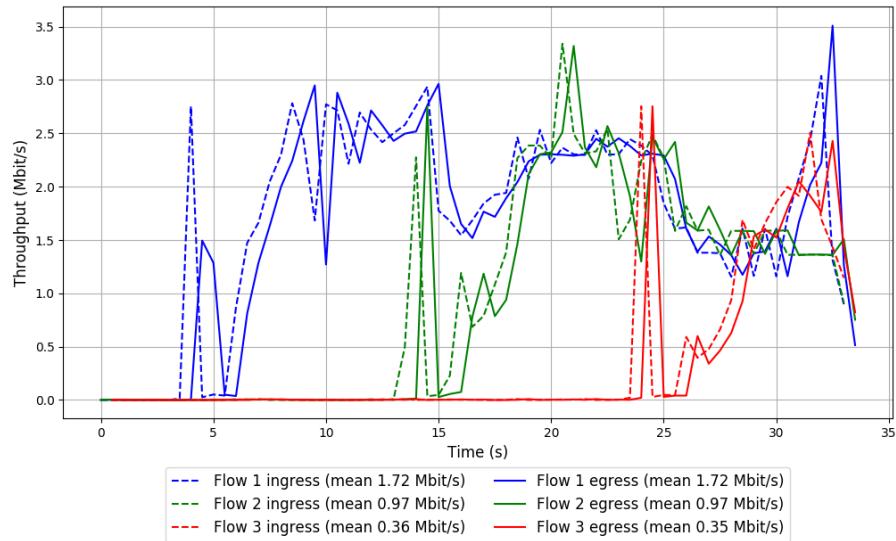


Run 5: Statistics of WebRTC media

```
Start at: 2018-07-04 12:27:01
End at: 2018-07-04 12:27:31
Local clock offset: -2.551 ms
Remote clock offset: 4.538 ms

# Below is generated by plot.py at 2018-07-04 14:46:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.02 Mbit/s
95th percentile per-packet one-way delay: 81.482 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 1.72 Mbit/s
95th percentile per-packet one-way delay: 79.450 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 0.97 Mbit/s
95th percentile per-packet one-way delay: 78.759 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 82.143 ms
Loss rate: 2.35%
```

Run 5: Report of WebRTC media — Data Link

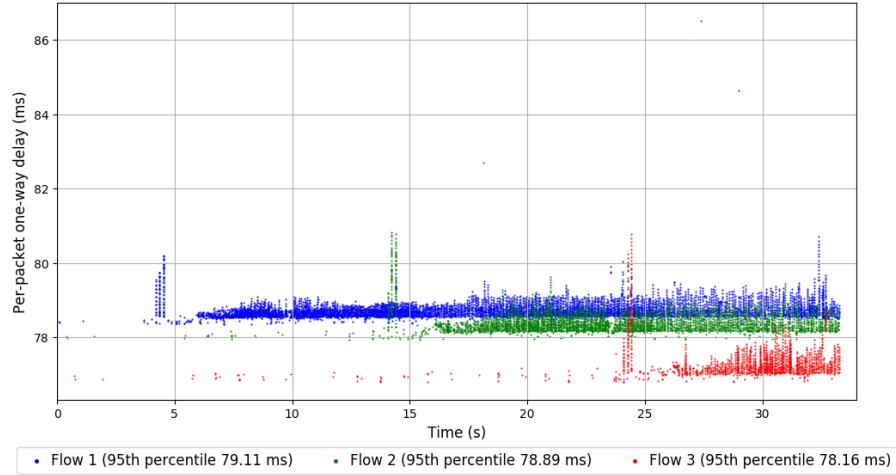
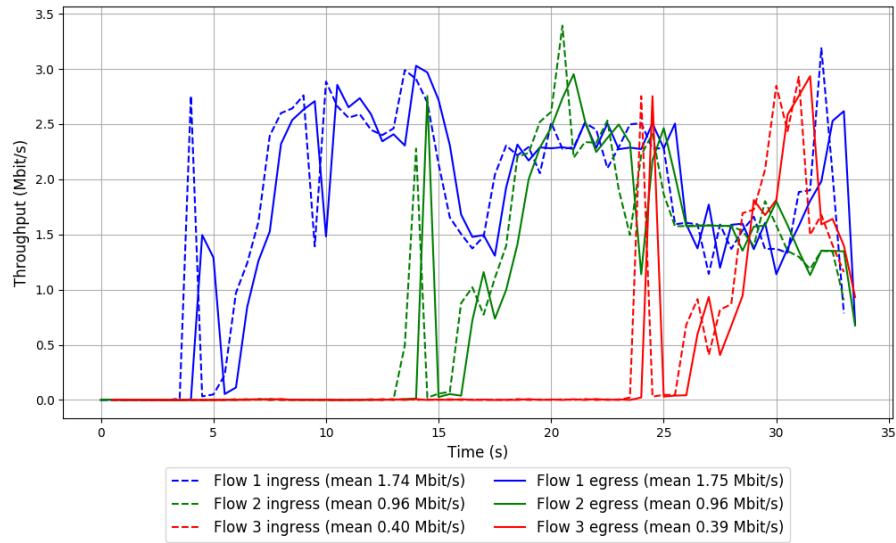


Run 6: Statistics of WebRTC media

```
Start at: 2018-07-04 12:48:27
End at: 2018-07-04 12:48:57
Local clock offset: -2.512 ms
Remote clock offset: 9.663 ms

# Below is generated by plot.py at 2018-07-04 14:46:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.08 Mbit/s
95th percentile per-packet one-way delay: 79.062 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 1.75 Mbit/s
95th percentile per-packet one-way delay: 79.107 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 0.96 Mbit/s
95th percentile per-packet one-way delay: 78.887 ms
Loss rate: 0.72%
-- Flow 3:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 78.155 ms
Loss rate: 1.76%
```

Run 6: Report of WebRTC media — Data Link

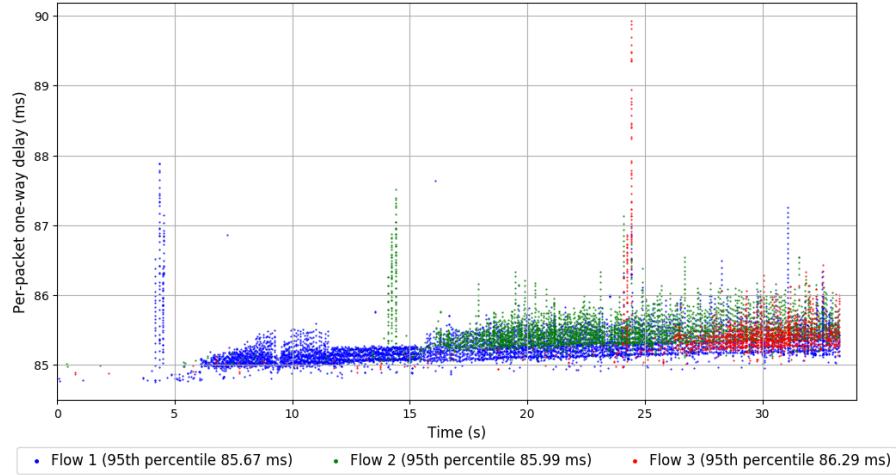
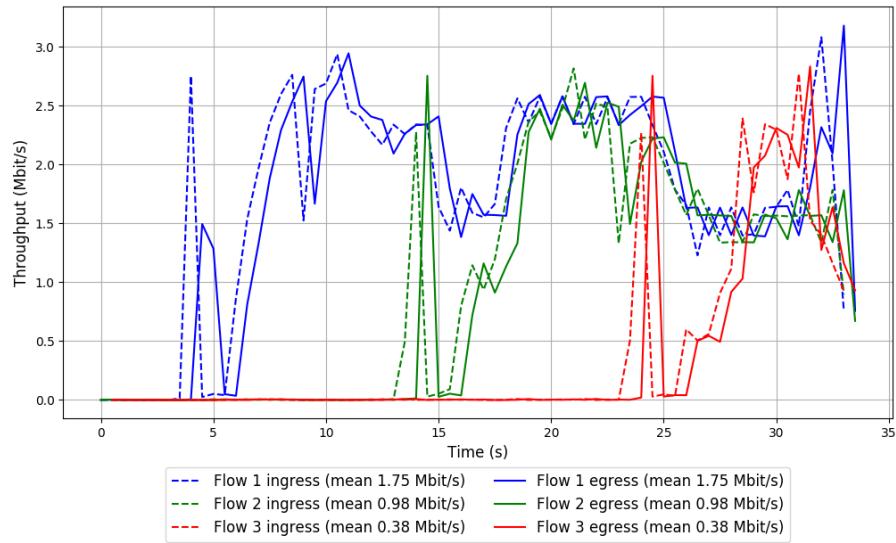


Run 7: Statistics of WebRTC media

```
Start at: 2018-07-04 13:09:52
End at: 2018-07-04 13:10:22
Local clock offset: -2.285 ms
Remote clock offset: 3.091 ms

# Below is generated by plot.py at 2018-07-04 14:46:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.09 Mbit/s
95th percentile per-packet one-way delay: 85.884 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 1.75 Mbit/s
95th percentile per-packet one-way delay: 85.665 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 0.98 Mbit/s
95th percentile per-packet one-way delay: 85.991 ms
Loss rate: 0.70%
-- Flow 3:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 86.289 ms
Loss rate: 0.91%
```

Run 7: Report of WebRTC media — Data Link

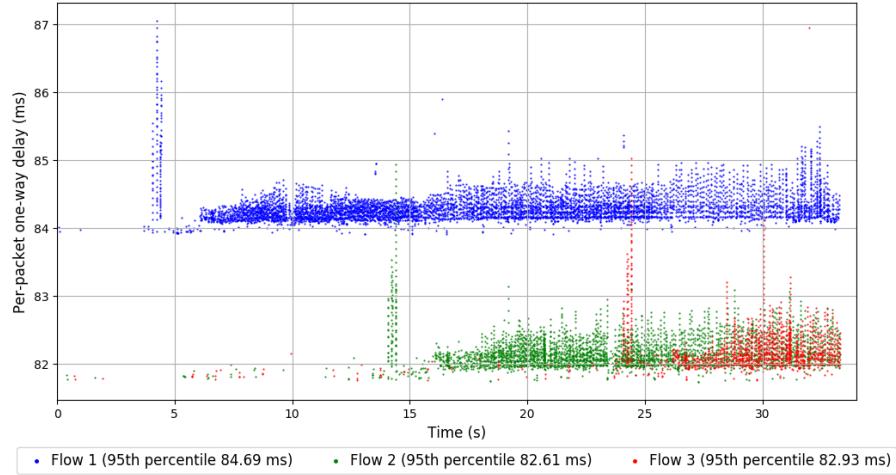
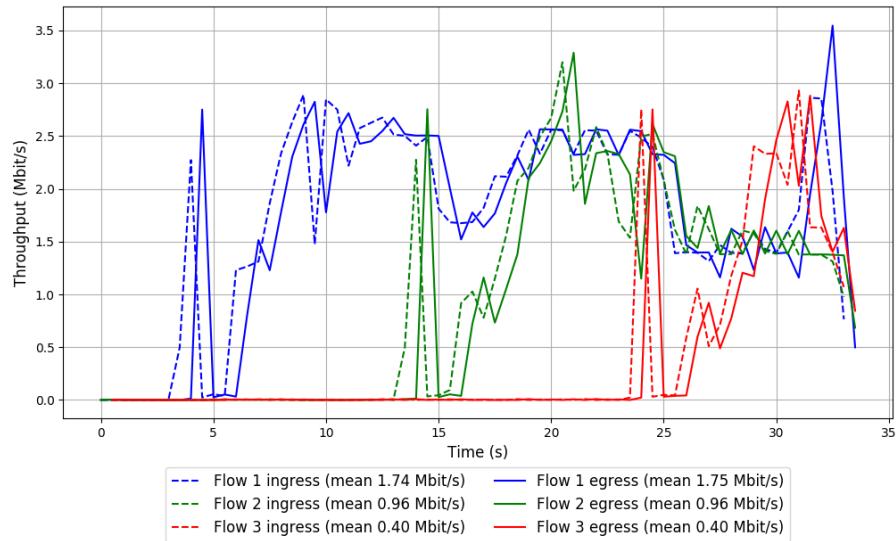


Run 8: Statistics of WebRTC media

```
Start at: 2018-07-04 13:31:08
End at: 2018-07-04 13:31:38
Local clock offset: -7.18 ms
Remote clock offset: 3.457 ms

# Below is generated by plot.py at 2018-07-04 14:46:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.09 Mbit/s
95th percentile per-packet one-way delay: 84.585 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 1.75 Mbit/s
95th percentile per-packet one-way delay: 84.689 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 0.96 Mbit/s
95th percentile per-packet one-way delay: 82.614 ms
Loss rate: 0.73%
-- Flow 3:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 82.926 ms
Loss rate: 1.73%
```

Run 8: Report of WebRTC media — Data Link

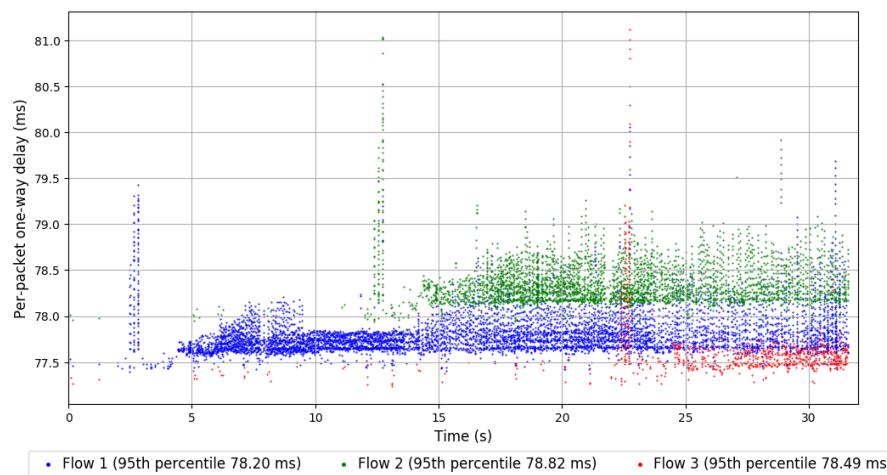
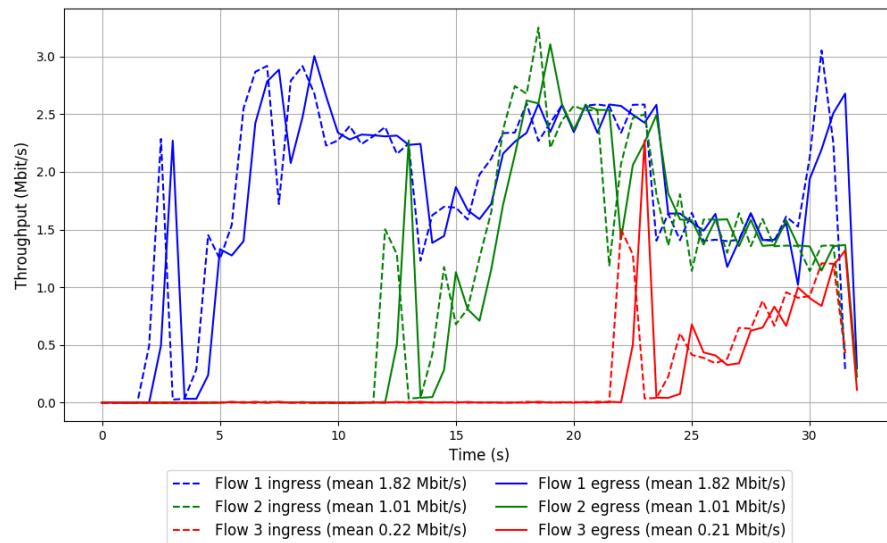


Run 9: Statistics of WebRTC media

```
Start at: 2018-07-04 13:52:53
End at: 2018-07-04 13:53:23
Local clock offset: -3.517 ms
Remote clock offset: 14.102 ms

# Below is generated by plot.py at 2018-07-04 14:46:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.04 Mbit/s
95th percentile per-packet one-way delay: 78.644 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 1.82 Mbit/s
95th percentile per-packet one-way delay: 78.199 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 1.01 Mbit/s
95th percentile per-packet one-way delay: 78.818 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 78.489 ms
Loss rate: 3.11%
```

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

```
Start at: 2018-07-04 14:14:11
End at: 2018-07-04 14:14:41
Local clock offset: -2.441 ms
Remote clock offset: 10.64 ms

# Below is generated by plot.py at 2018-07-04 14:46:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.08 Mbit/s
95th percentile per-packet one-way delay: 83.970 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 1.74 Mbit/s
95th percentile per-packet one-way delay: 81.341 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 0.96 Mbit/s
95th percentile per-packet one-way delay: 84.262 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 82.063 ms
Loss rate: 1.74%
```

Run 10: Report of WebRTC media — Data Link

