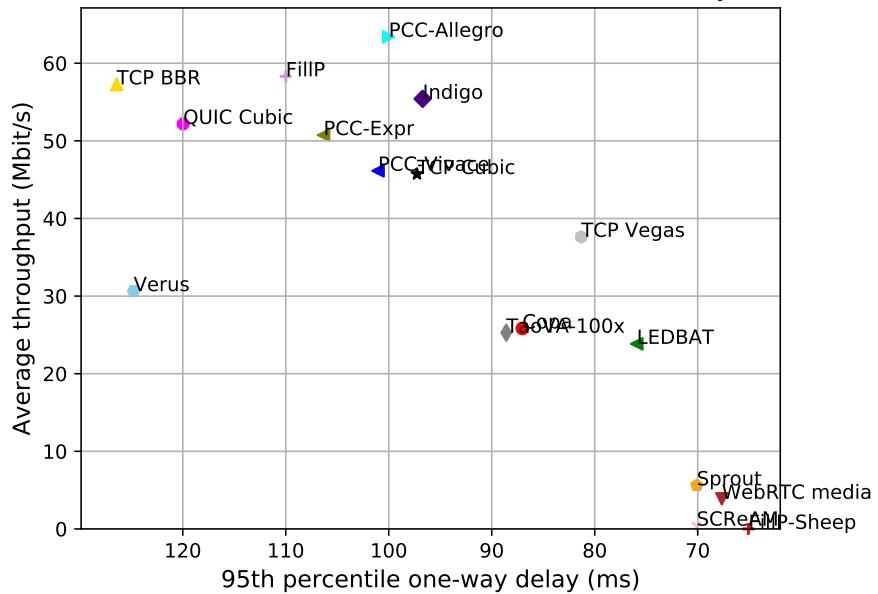


Pantheon Report

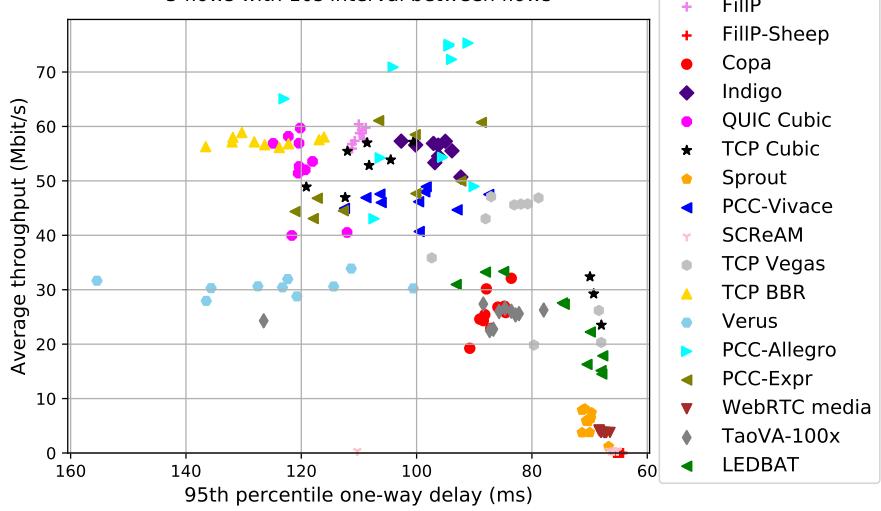
Generated at 2018-06-30 05:01:27 (UTC).
Data path: AWS Korea Ethernet (*local*) → China Ethernet (*remote*).
Repeated the test of 17 congestion control schemes 10 times.
Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).
NTP offsets were measured against `ntp.nict.jp` and have been applied to correct the timestamps in logs.

```
Git summary:  
branch: master @ 715dc5f09d172e419699f6f17f1cb4c45064f212  
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834  
third_party/fillp-sheep @ 30060ab034deb3424347f5cc3db86198eac35d2a  
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4  
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d  
third_party/libutp @ b3465b942e2826f2b179aab4a906ce6bb7cf3cf  
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 AWS Korea to China, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows (mean of all runs by scheme)



test from AWS Korea to China, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows



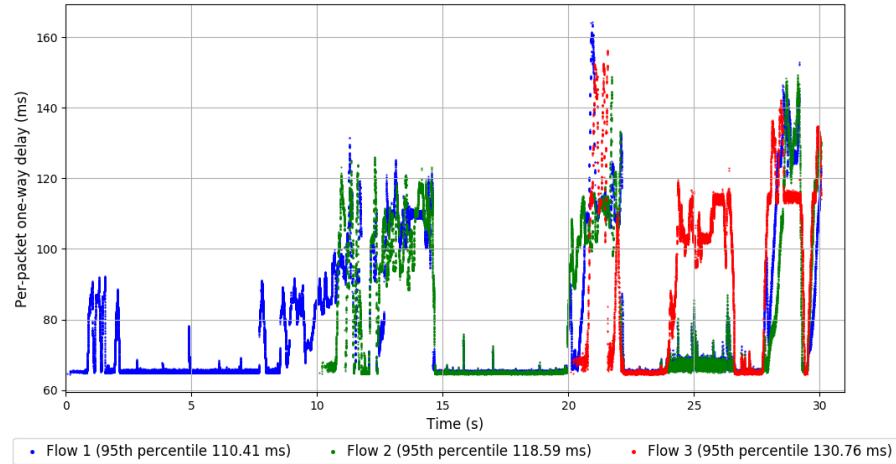
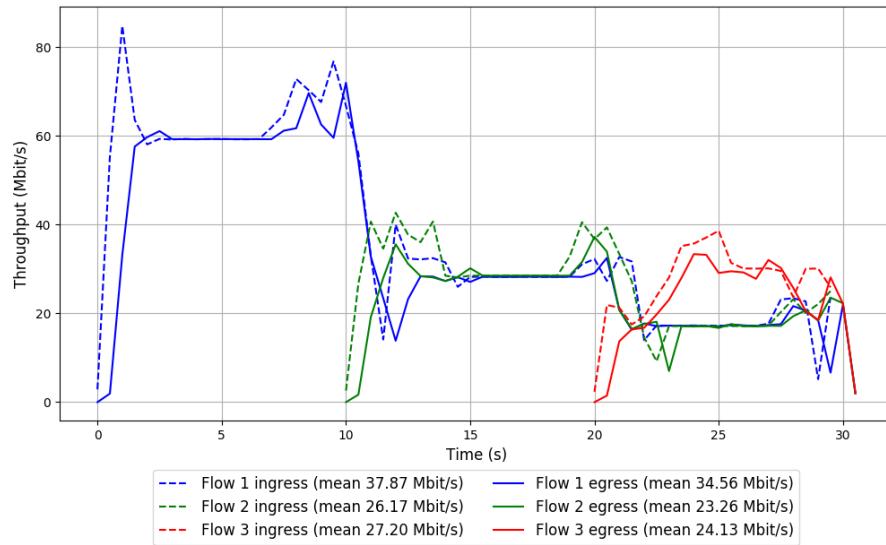
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	34.86	23.86	19.64	118.33	126.76	138.58	13.46	12.97	13.10
Copa	10	13.21	13.62	10.93	85.91	88.17	91.07	3.38	2.33	1.97
TCP Cubic	10	23.39	22.70	21.71	91.74	99.56	103.69	0.56	0.52	0.99
FillP	9	35.78	24.30	19.16	105.25	111.32	119.15	31.35	34.41	34.46
FillP-Sheep	10	0.00	0.00	0.00	65.00	64.94	64.98	0.00	0.00	0.00
Indigo	9	35.01	22.83	15.92	97.85	93.10	92.75	2.89	0.98	0.91
LEDBAT	10	13.39	11.65	8.19	77.09	75.70	69.46	0.20	0.23	0.15
PCC-Allegro	10	38.50	29.94	15.16	90.95	91.69	81.93	11.08	5.10	3.29
PCC-Expr	9	35.30	19.99	6.50	98.18	117.44	108.34	27.24	33.48	34.65
QUIC Cubic	10	29.50	24.33	19.93	114.50	119.70	126.72	2.14	2.19	2.03
SCReAM	10	0.20	0.21	0.22	70.06	69.99	69.96	0.02	0.00	0.00
Sprout	10	2.86	2.54	3.22	69.70	69.74	69.40	1.41	1.42	1.23
TaoVA-100x	10	13.64	12.35	10.87	85.18	90.05	96.34	3.30	4.29	6.94
TCP Vegas	10	18.73	18.93	18.91	80.87	79.65	83.31	0.25	0.44	0.50
Verus	10	18.17	14.61	8.91	115.39	124.30	121.00	75.70	71.37	51.62
PCC-Vivace	10	36.39	12.51	4.33	99.88	80.06	74.12	3.69	1.48	0.28
WebRTC media	10	2.10	1.32	0.49	67.72	67.41	68.07	0.05	0.04	0.05

Run 1: Statistics of TCP BBR

```
Start at: 2018-06-29 20:56:31
End at: 2018-06-29 20:57:01
Local clock offset: 0.418 ms
Remote clock offset: -9.415 ms

# Below is generated by plot.py at 2018-06-30 04:49:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 58.06 Mbit/s
95th percentile per-packet one-way delay: 116.059 ms
Loss rate: 9.75%
-- Flow 1:
Average throughput: 34.56 Mbit/s
95th percentile per-packet one-way delay: 110.413 ms
Loss rate: 8.75%
-- Flow 2:
Average throughput: 23.26 Mbit/s
95th percentile per-packet one-way delay: 118.591 ms
Loss rate: 11.13%
-- Flow 3:
Average throughput: 24.13 Mbit/s
95th percentile per-packet one-way delay: 130.765 ms
Loss rate: 11.29%
```

Run 1: Report of TCP BBR — Data Link

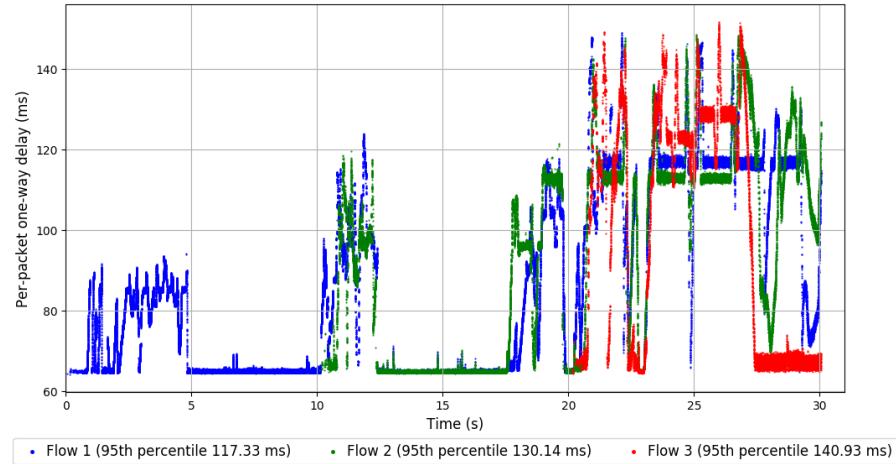
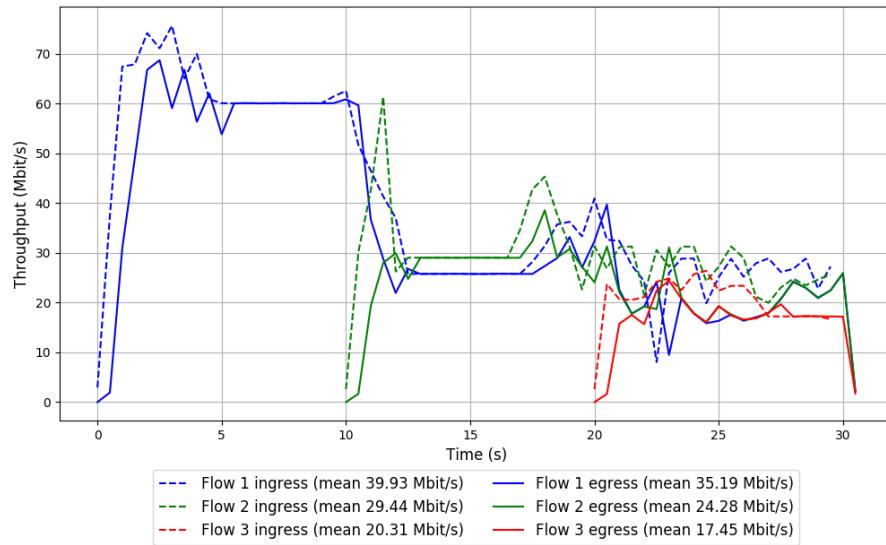


Run 2: Statistics of TCP BBR

```
Start at: 2018-06-29 21:45:25
End at: 2018-06-29 21:45:55
Local clock offset: 3.98 ms
Remote clock offset: -9.996 ms

# Below is generated by plot.py at 2018-06-30 04:49:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 57.16 Mbit/s
95th percentile per-packet one-way delay: 128.143 ms
Loss rate: 13.76%
-- Flow 1:
Average throughput: 35.19 Mbit/s
95th percentile per-packet one-way delay: 117.327 ms
Loss rate: 11.86%
-- Flow 2:
Average throughput: 24.28 Mbit/s
95th percentile per-packet one-way delay: 130.143 ms
Loss rate: 17.52%
-- Flow 3:
Average throughput: 17.45 Mbit/s
95th percentile per-packet one-way delay: 140.926 ms
Loss rate: 14.13%
```

Run 2: Report of TCP BBR — Data Link

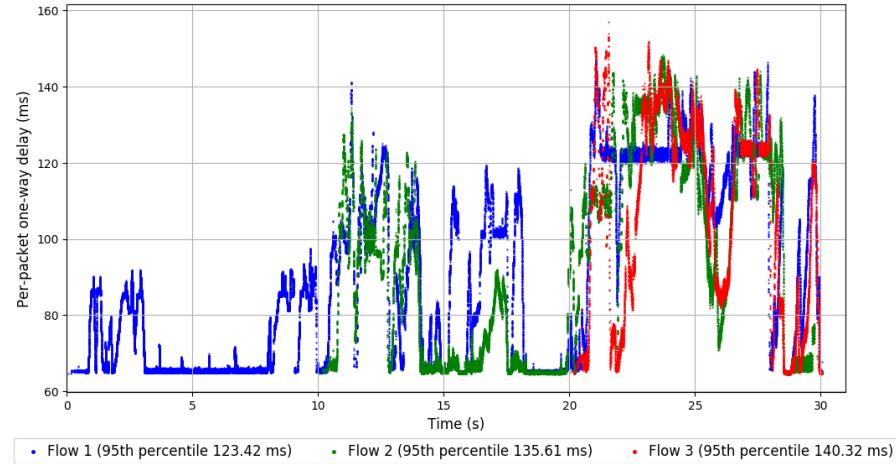
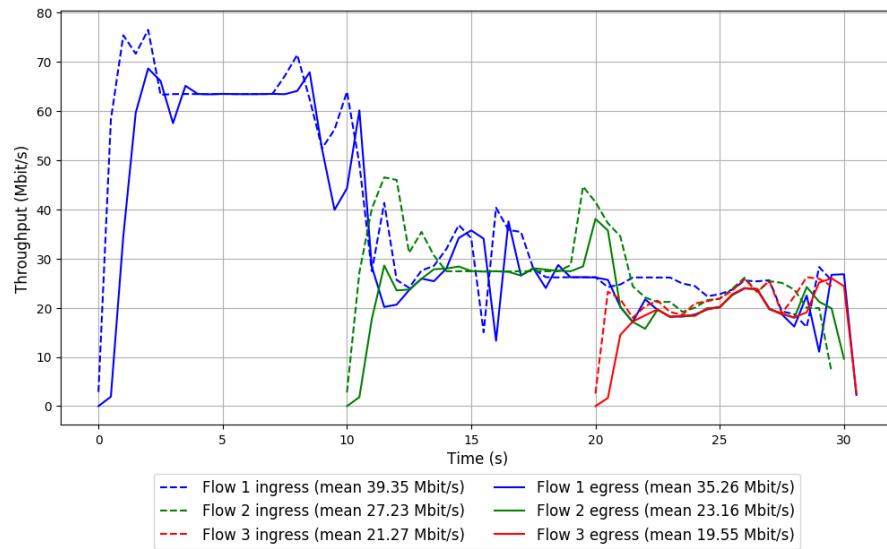


Run 3: Statistics of TCP BBR

```
Start at: 2018-06-29 22:33:58
End at: 2018-06-29 22:34:28
Local clock offset: -3.914 ms
Remote clock offset: -8.859 ms

# Below is generated by plot.py at 2018-06-30 04:49:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 57.16 Mbit/s
95th percentile per-packet one-way delay: 132.002 ms
Loss rate: 11.41%
-- Flow 1:
Average throughput: 35.26 Mbit/s
95th percentile per-packet one-way delay: 123.419 ms
Loss rate: 10.38%
-- Flow 2:
Average throughput: 23.16 Mbit/s
95th percentile per-packet one-way delay: 135.607 ms
Loss rate: 14.94%
-- Flow 3:
Average throughput: 19.55 Mbit/s
95th percentile per-packet one-way delay: 140.316 ms
Loss rate: 8.08%
```

Run 3: Report of TCP BBR — Data Link

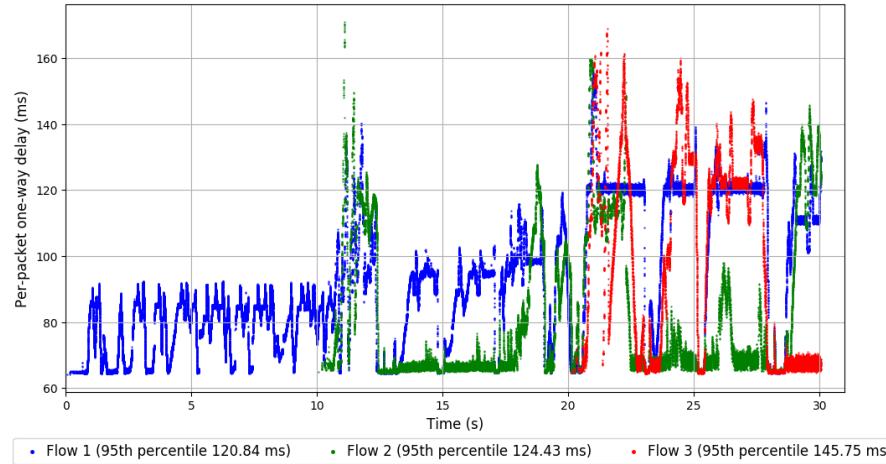
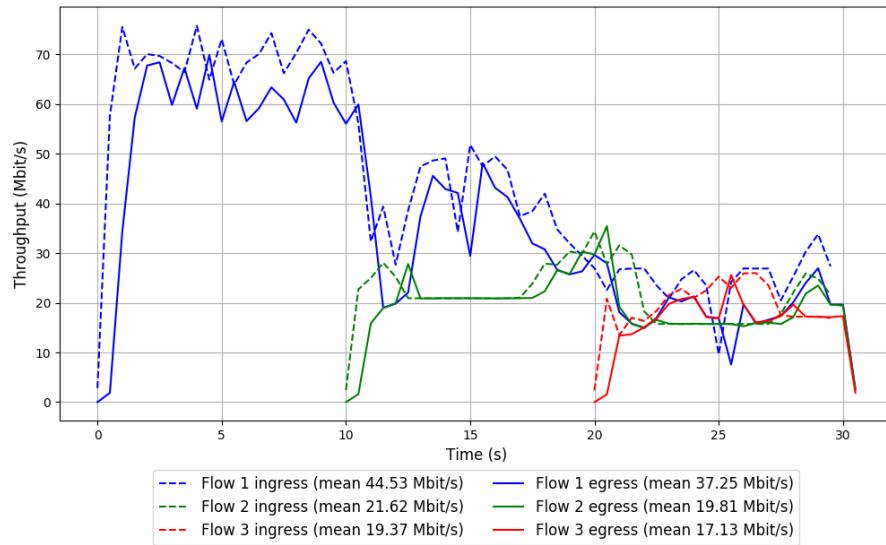


Run 4: Statistics of TCP BBR

```
Start at: 2018-06-29 23:20:55
End at: 2018-06-29 23:21:25
Local clock offset: 5.234 ms
Remote clock offset: -11.953 ms

# Below is generated by plot.py at 2018-06-30 04:49:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 56.14 Mbit/s
95th percentile per-packet one-way delay: 123.812 ms
Loss rate: 14.12%
-- Flow 1:
Average throughput: 37.25 Mbit/s
95th percentile per-packet one-way delay: 120.839 ms
Loss rate: 16.36%
-- Flow 2:
Average throughput: 19.81 Mbit/s
95th percentile per-packet one-way delay: 124.428 ms
Loss rate: 8.35%
-- Flow 3:
Average throughput: 17.13 Mbit/s
95th percentile per-packet one-way delay: 145.747 ms
Loss rate: 11.56%
```

Run 4: Report of TCP BBR — Data Link

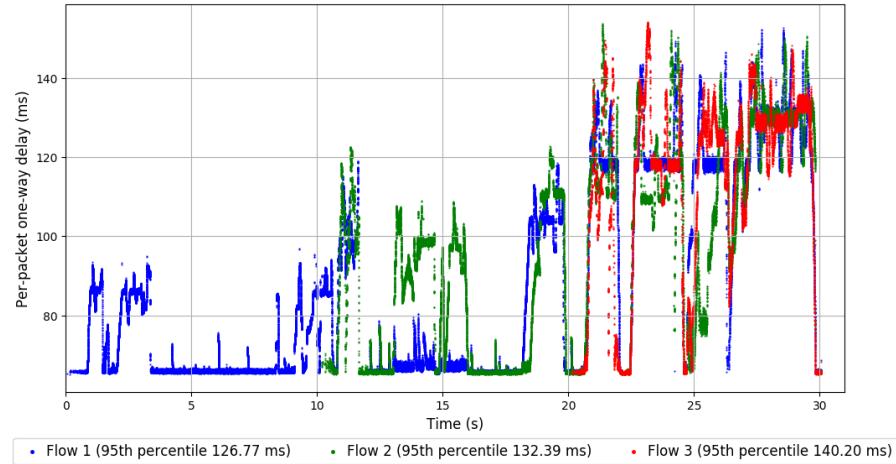
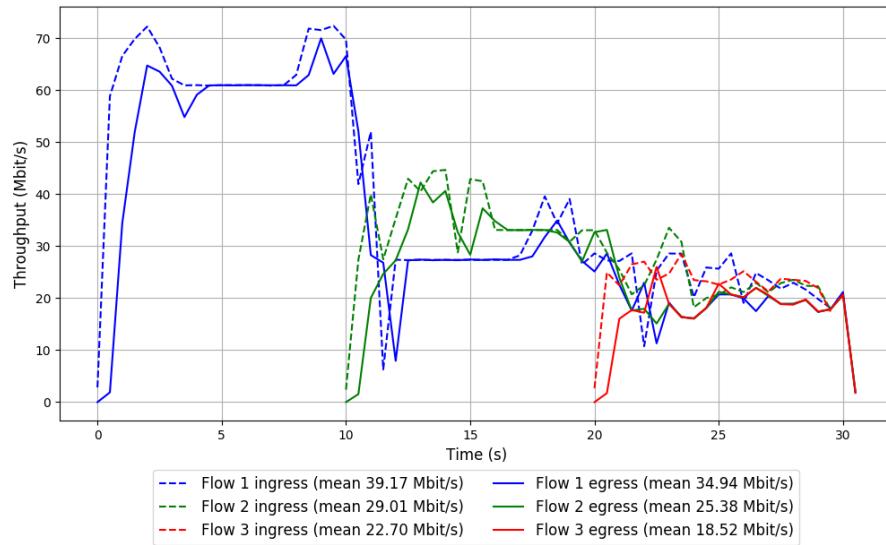


Run 5: Statistics of TCP BBR

```
Start at: 2018-06-30 00:08:41
End at: 2018-06-30 00:09:11
Local clock offset: 0.575 ms
Remote clock offset: -9.273 ms

# Below is generated by plot.py at 2018-06-30 04:49:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 58.00 Mbit/s
95th percentile per-packet one-way delay: 131.858 ms
Loss rate: 12.17%
-- Flow 1:
Average throughput: 34.94 Mbit/s
95th percentile per-packet one-way delay: 126.767 ms
Loss rate: 10.79%
-- Flow 2:
Average throughput: 25.38 Mbit/s
95th percentile per-packet one-way delay: 132.394 ms
Loss rate: 12.54%
-- Flow 3:
Average throughput: 18.52 Mbit/s
95th percentile per-packet one-way delay: 140.201 ms
Loss rate: 18.39%
```

Run 5: Report of TCP BBR — Data Link

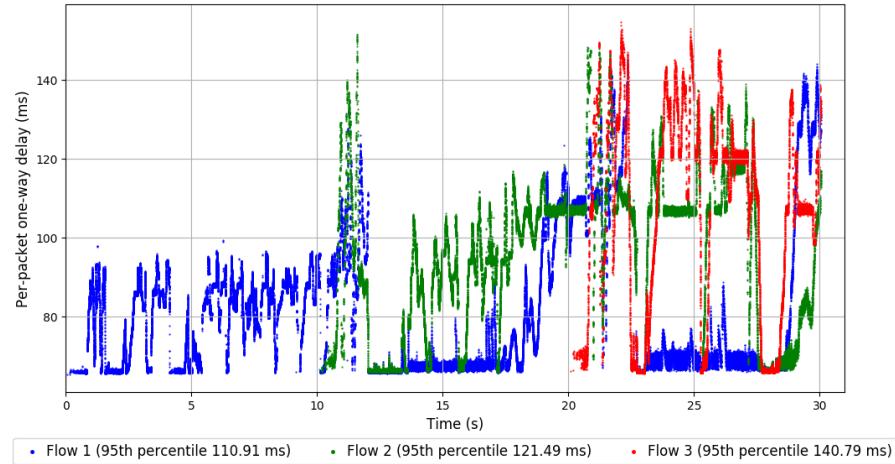
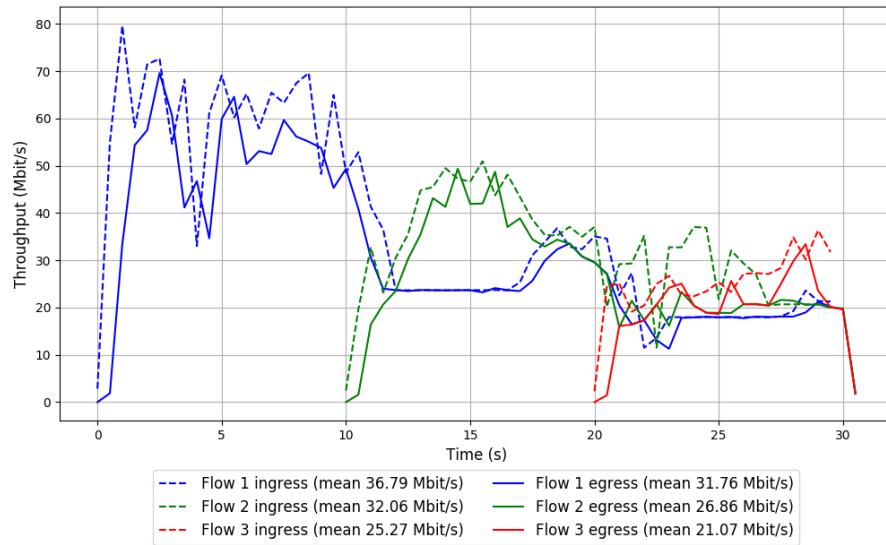


Run 6: Statistics of TCP BBR

```
Start at: 2018-06-30 00:58:07
End at: 2018-06-30 00:58:37
Local clock offset: 3.559 ms
Remote clock offset: -8.576 ms

# Below is generated by plot.py at 2018-06-30 04:49:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 56.65 Mbit/s
95th percentile per-packet one-way delay: 126.343 ms
Loss rate: 14.86%
-- Flow 1:
Average throughput: 31.76 Mbit/s
95th percentile per-packet one-way delay: 110.910 ms
Loss rate: 13.68%
-- Flow 2:
Average throughput: 26.86 Mbit/s
95th percentile per-packet one-way delay: 121.490 ms
Loss rate: 16.22%
-- Flow 3:
Average throughput: 21.07 Mbit/s
95th percentile per-packet one-way delay: 140.795 ms
Loss rate: 16.60%
```

Run 6: Report of TCP BBR — Data Link

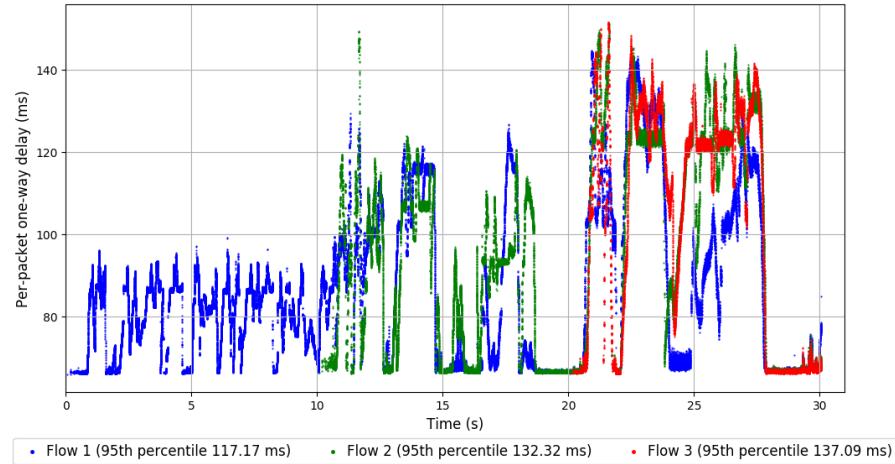
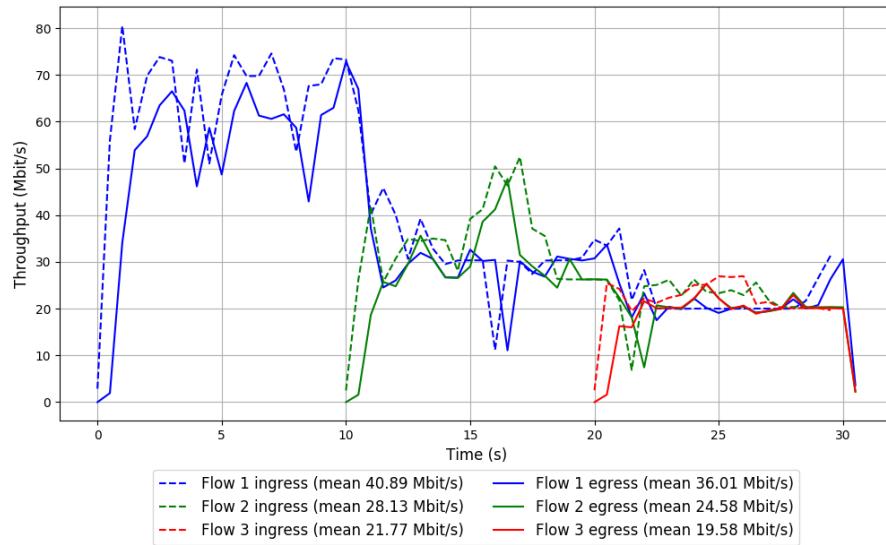


Run 7: Statistics of TCP BBR

```
Start at: 2018-06-30 01:45:51
End at: 2018-06-30 01:46:21
Local clock offset: -1.237 ms
Remote clock offset: -10.485 ms

# Below is generated by plot.py at 2018-06-30 04:49:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 58.89 Mbit/s
95th percentile per-packet one-way delay: 130.304 ms
Loss rate: 11.91%
-- Flow 1:
Average throughput: 36.01 Mbit/s
95th percentile per-packet one-way delay: 117.169 ms
Loss rate: 11.92%
-- Flow 2:
Average throughput: 24.58 Mbit/s
95th percentile per-packet one-way delay: 132.321 ms
Loss rate: 12.62%
-- Flow 3:
Average throughput: 19.58 Mbit/s
95th percentile per-packet one-way delay: 137.095 ms
Loss rate: 10.08%
```

Run 7: Report of TCP BBR — Data Link

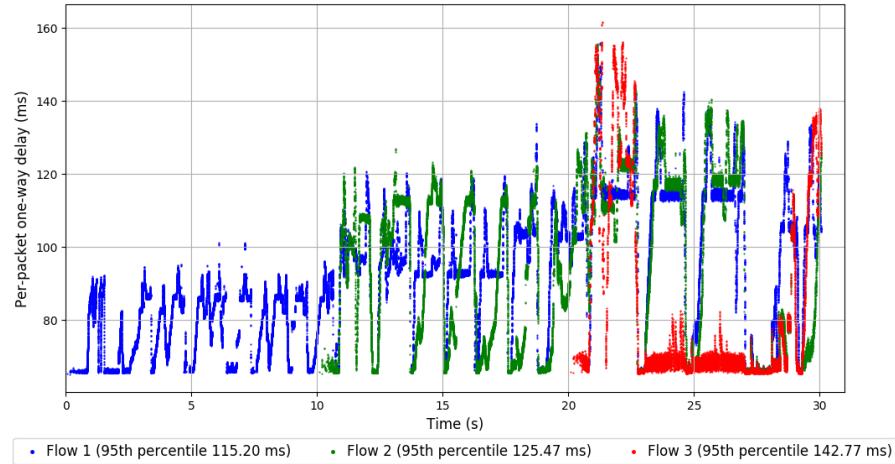
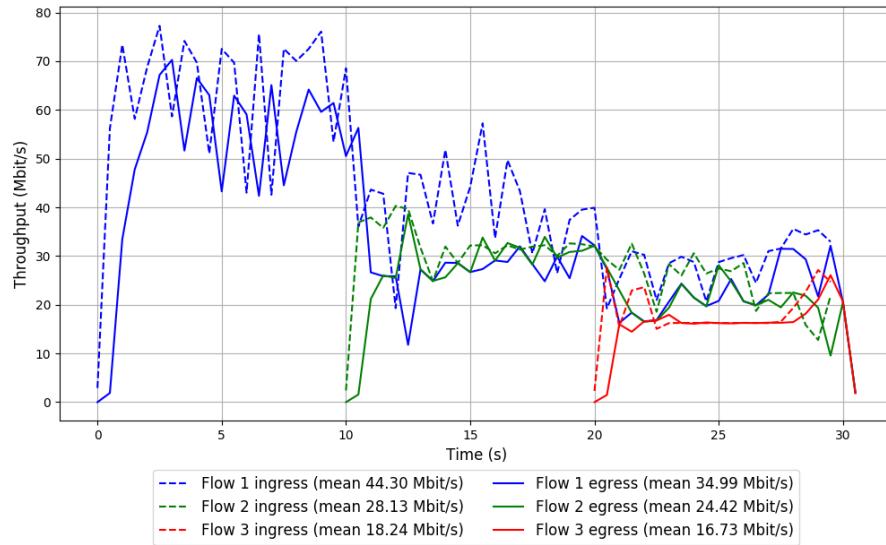


Run 8: Statistics of TCP BBR

```
Start at: 2018-06-30 02:32:58
End at: 2018-06-30 02:33:28
Local clock offset: 8.38 ms
Remote clock offset: -7.481 ms

# Below is generated by plot.py at 2018-06-30 04:49:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 56.82 Mbit/s
95th percentile per-packet one-way delay: 122.214 ms
Loss rate: 17.77%
-- Flow 1:
Average throughput: 34.99 Mbit/s
95th percentile per-packet one-way delay: 115.202 ms
Loss rate: 21.01%
-- Flow 2:
Average throughput: 24.42 Mbit/s
95th percentile per-packet one-way delay: 125.468 ms
Loss rate: 13.20%
-- Flow 3:
Average throughput: 16.73 Mbit/s
95th percentile per-packet one-way delay: 142.773 ms
Loss rate: 8.23%
```

Run 8: Report of TCP BBR — Data Link

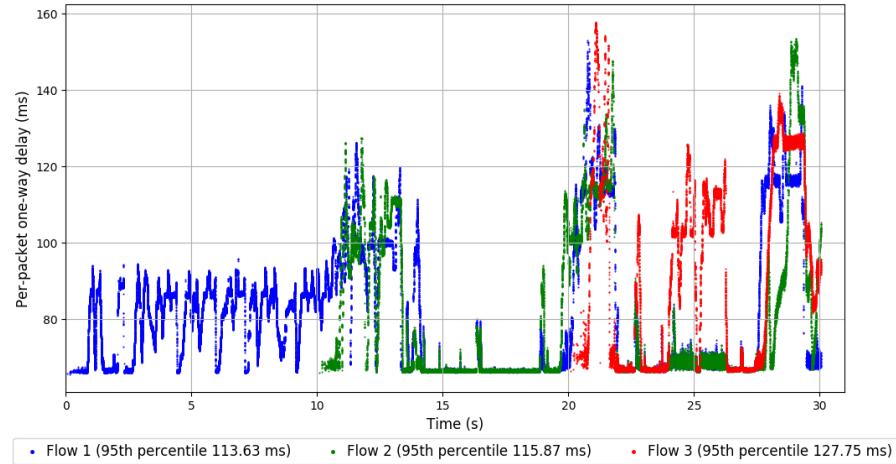
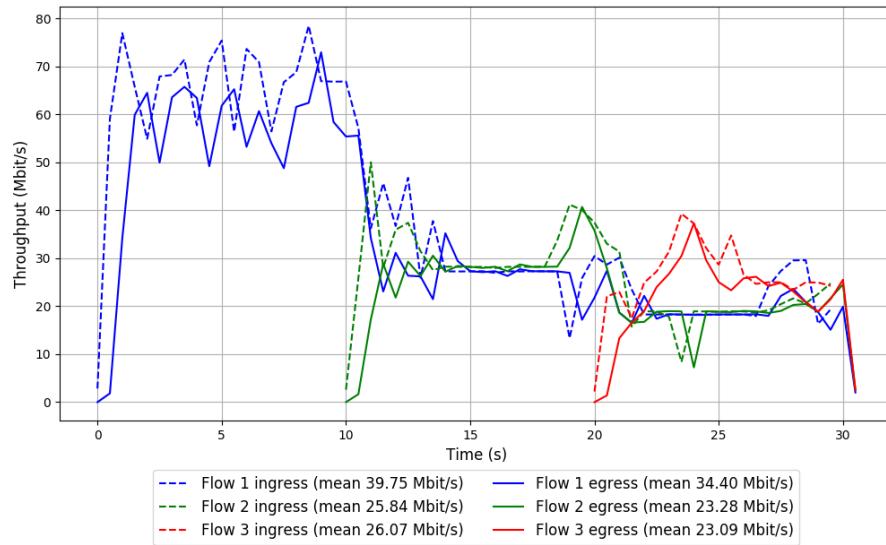


Run 9: Statistics of TCP BBR

```
Start at: 2018-06-30 03:17:54
End at: 2018-06-30 03:18:24
Local clock offset: 0.064 ms
Remote clock offset: -7.861 ms

# Below is generated by plot.py at 2018-06-30 04:50:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 57.57 Mbit/s
95th percentile per-packet one-way delay: 116.907 ms
Loss rate: 12.26%
-- Flow 1:
Average throughput: 34.40 Mbit/s
95th percentile per-packet one-way delay: 113.631 ms
Loss rate: 13.46%
-- Flow 2:
Average throughput: 23.28 Mbit/s
95th percentile per-packet one-way delay: 115.872 ms
Loss rate: 9.90%
-- Flow 3:
Average throughput: 23.09 Mbit/s
95th percentile per-packet one-way delay: 127.746 ms
Loss rate: 11.40%
```

Run 9: Report of TCP BBR — Data Link

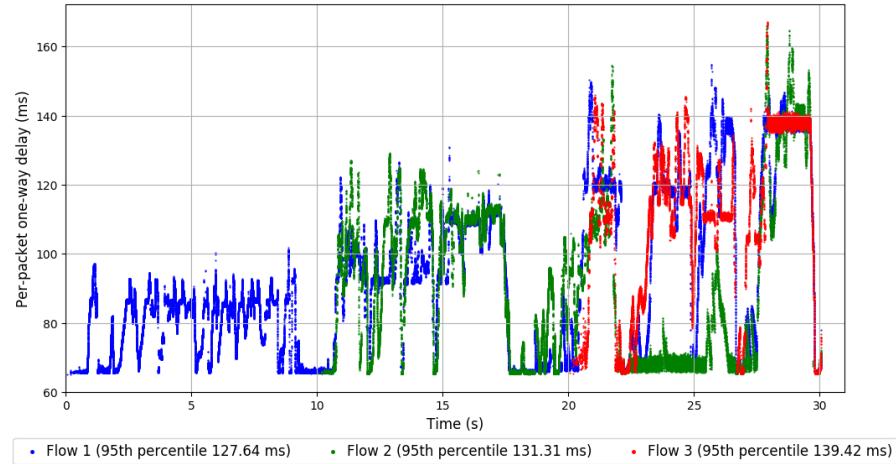
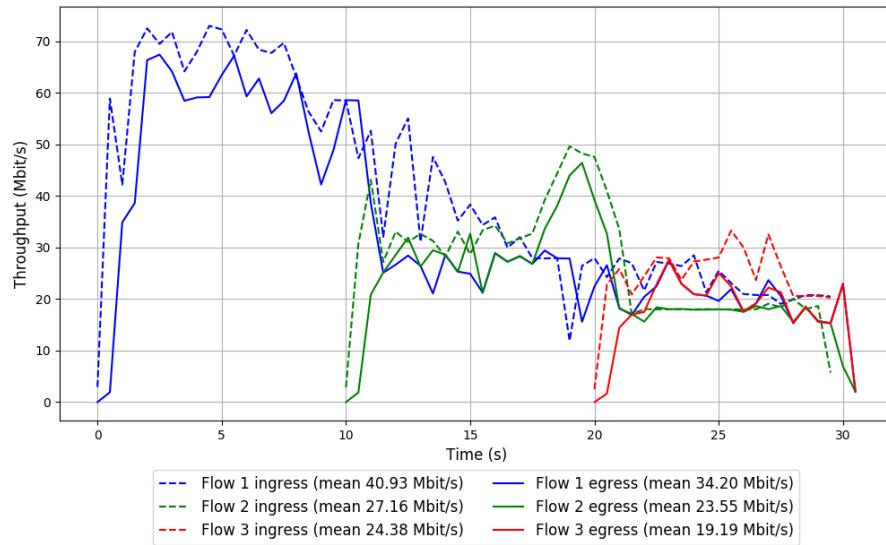


Run 10: Statistics of TCP BBR

```
Start at: 2018-06-30 04:02:17
End at: 2018-06-30 04:02:47
Local clock offset: -0.104 ms
Remote clock offset: -10.541 ms

# Below is generated by plot.py at 2018-06-30 04:50:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 56.29 Mbit/s
95th percentile per-packet one-way delay: 136.568 ms
Loss rate: 16.17%
-- Flow 1:
Average throughput: 34.20 Mbit/s
95th percentile per-packet one-way delay: 127.635 ms
Loss rate: 16.43%
-- Flow 2:
Average throughput: 23.55 Mbit/s
95th percentile per-packet one-way delay: 131.305 ms
Loss rate: 13.31%
-- Flow 3:
Average throughput: 19.19 Mbit/s
95th percentile per-packet one-way delay: 139.424 ms
Loss rate: 21.27%
```

Run 10: Report of TCP BBR — Data Link

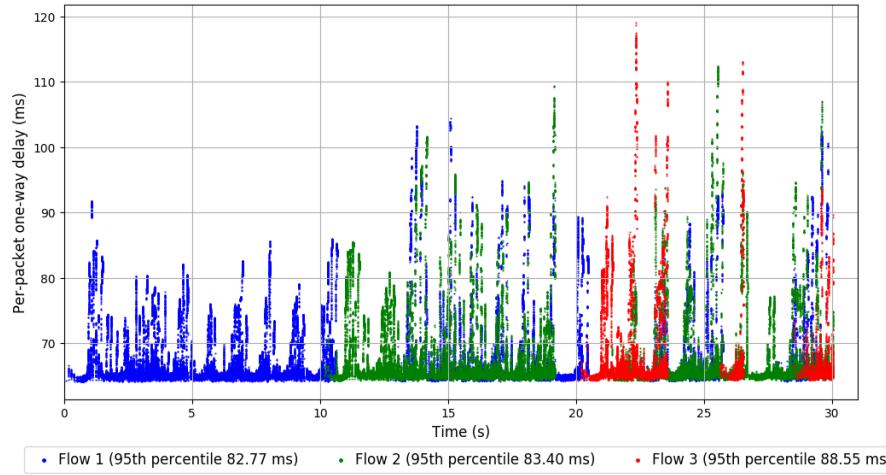
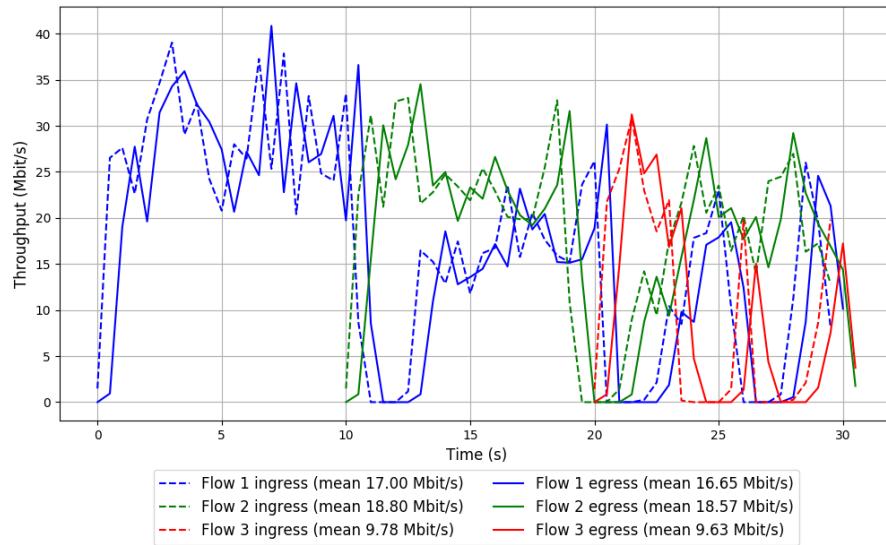


Run 1: Statistics of Copa

```
Start at: 2018-06-29 21:17:25
End at: 2018-06-29 21:17:55
Local clock offset: 0.656 ms
Remote clock offset: -10.183 ms

# Below is generated by plot.py at 2018-06-30 04:50:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 32.10 Mbit/s
95th percentile per-packet one-way delay: 83.582 ms
Loss rate: 1.62%
-- Flow 1:
Average throughput: 16.65 Mbit/s
95th percentile per-packet one-way delay: 82.769 ms
Loss rate: 1.98%
-- Flow 2:
Average throughput: 18.57 Mbit/s
95th percentile per-packet one-way delay: 83.400 ms
Loss rate: 1.17%
-- Flow 3:
Average throughput: 9.63 Mbit/s
95th percentile per-packet one-way delay: 88.550 ms
Loss rate: 1.50%
```

Run 1: Report of Copa — Data Link

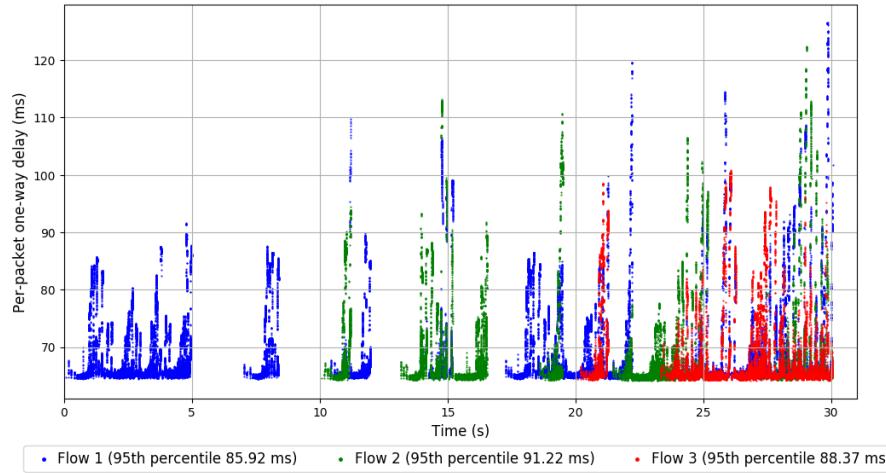
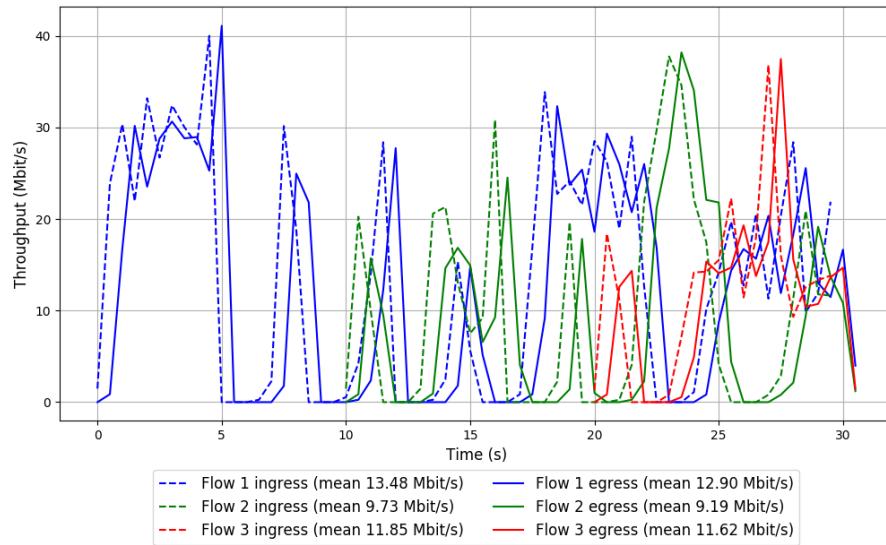


Run 2: Statistics of Copa

```
Start at: 2018-06-29 22:06:55
End at: 2018-06-29 22:07:25
Local clock offset: 5.5 ms
Remote clock offset: -9.317 ms

# Below is generated by plot.py at 2018-06-30 04:50:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 22.89 Mbit/s
95th percentile per-packet one-way delay: 87.150 ms
Loss rate: 4.18%
-- Flow 1:
Average throughput: 12.90 Mbit/s
95th percentile per-packet one-way delay: 85.915 ms
Loss rate: 4.19%
-- Flow 2:
Average throughput: 9.19 Mbit/s
95th percentile per-packet one-way delay: 91.216 ms
Loss rate: 5.55%
-- Flow 3:
Average throughput: 11.62 Mbit/s
95th percentile per-packet one-way delay: 88.370 ms
Loss rate: 1.87%
```

Run 2: Report of Copa — Data Link

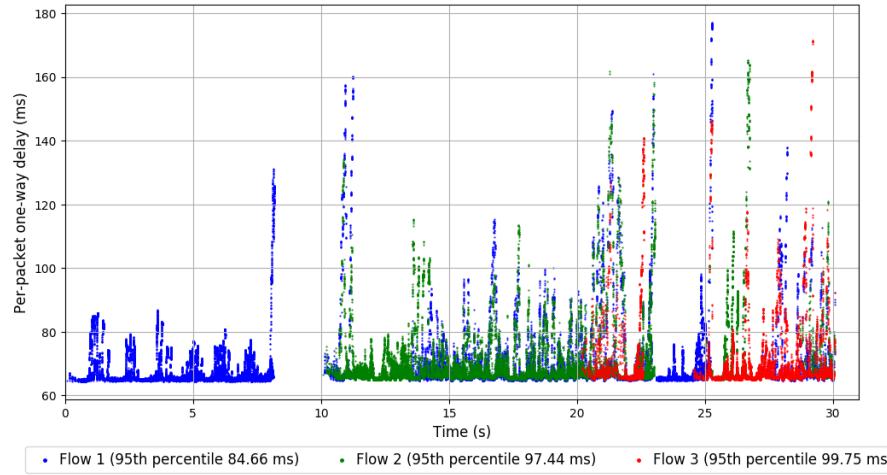
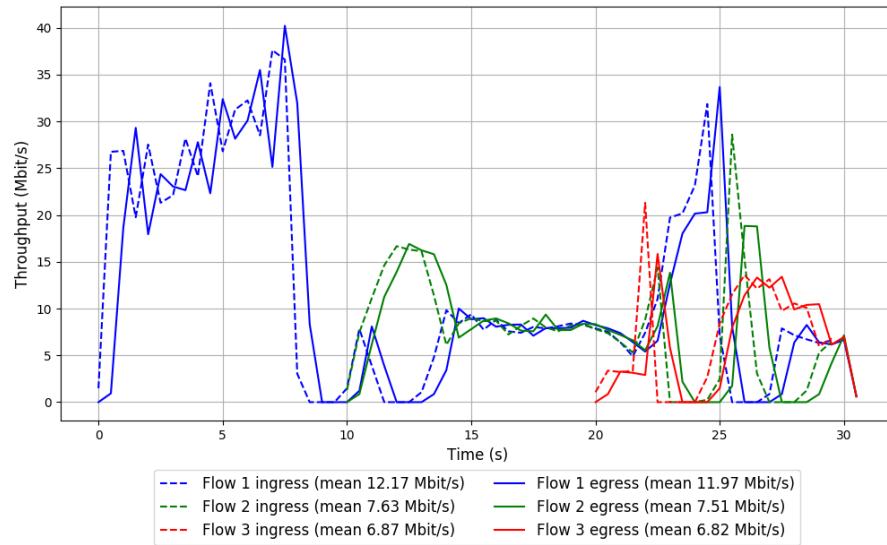


Run 3: Statistics of Copa

```
Start at: 2018-06-29 22:54:53
End at: 2018-06-29 22:55:23
Local clock offset: 1.365 ms
Remote clock offset: -10.06 ms

# Below is generated by plot.py at 2018-06-30 04:50:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 19.24 Mbit/s
95th percentile per-packet one-way delay: 90.779 ms
Loss rate: 1.46%
-- Flow 1:
Average throughput: 11.97 Mbit/s
95th percentile per-packet one-way delay: 84.658 ms
Loss rate: 1.59%
-- Flow 2:
Average throughput: 7.51 Mbit/s
95th percentile per-packet one-way delay: 97.443 ms
Loss rate: 1.54%
-- Flow 3:
Average throughput: 6.82 Mbit/s
95th percentile per-packet one-way delay: 99.747 ms
Loss rate: 0.64%
```

Run 3: Report of Copa — Data Link

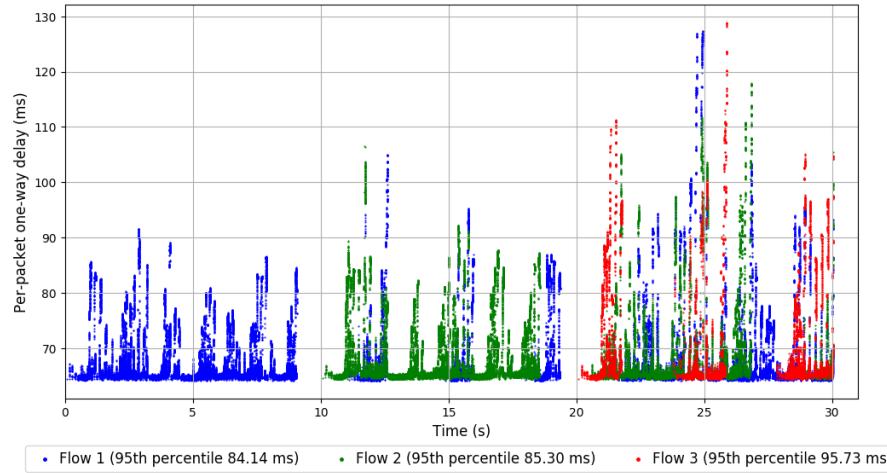
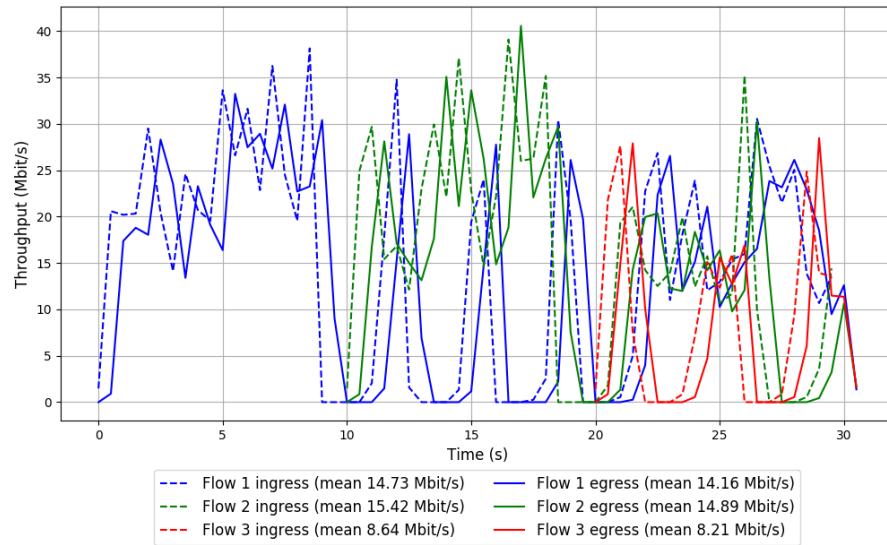


Run 4: Statistics of Copa

```
Start at: 2018-06-29 23:41:13
End at: 2018-06-29 23:41:43
Local clock offset: 5.283 ms
Remote clock offset: -12.806 ms

# Below is generated by plot.py at 2018-06-30 04:50:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.81 Mbit/s
95th percentile per-packet one-way delay: 85.908 ms
Loss rate: 3.78%
-- Flow 1:
Average throughput: 14.16 Mbit/s
95th percentile per-packet one-way delay: 84.140 ms
Loss rate: 3.84%
-- Flow 2:
Average throughput: 14.89 Mbit/s
95th percentile per-packet one-way delay: 85.295 ms
Loss rate: 3.39%
-- Flow 3:
Average throughput: 8.21 Mbit/s
95th percentile per-packet one-way delay: 95.733 ms
Loss rate: 4.92%
```

Run 4: Report of Copa — Data Link

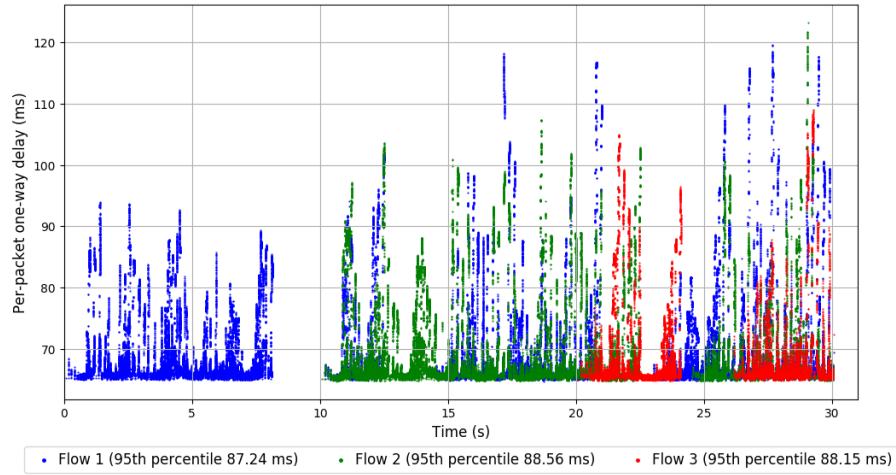
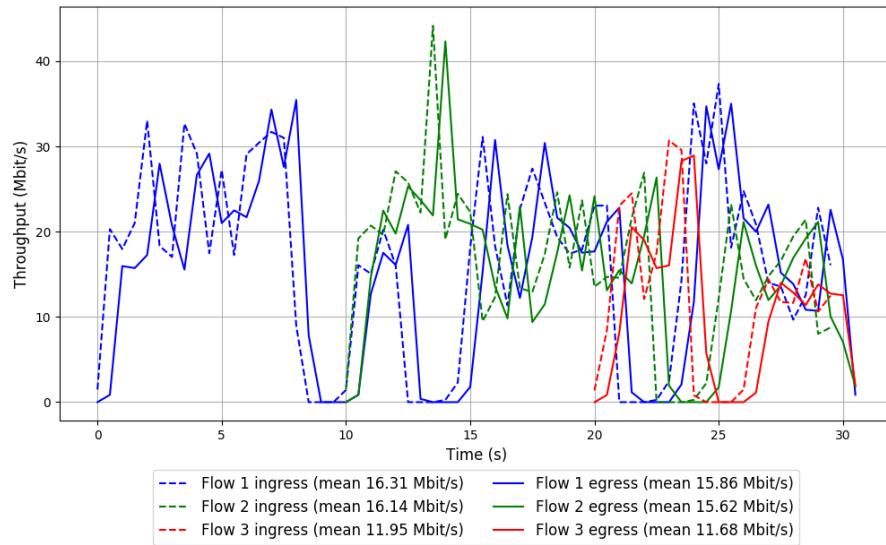


Run 5: Statistics of Copa

```
Start at: 2018-06-30 00:30:12
End at: 2018-06-30 00:30:42
Local clock offset: -0.321 ms
Remote clock offset: -7.719 ms

# Below is generated by plot.py at 2018-06-30 04:50:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 30.15 Mbit/s
95th percentile per-packet one-way delay: 87.898 ms
Loss rate: 2.83%
-- Flow 1:
Average throughput: 15.86 Mbit/s
95th percentile per-packet one-way delay: 87.244 ms
Loss rate: 2.74%
-- Flow 2:
Average throughput: 15.62 Mbit/s
95th percentile per-packet one-way delay: 88.556 ms
Loss rate: 3.21%
-- Flow 3:
Average throughput: 11.68 Mbit/s
95th percentile per-packet one-way delay: 88.151 ms
Loss rate: 2.18%
```

Run 5: Report of Copa — Data Link

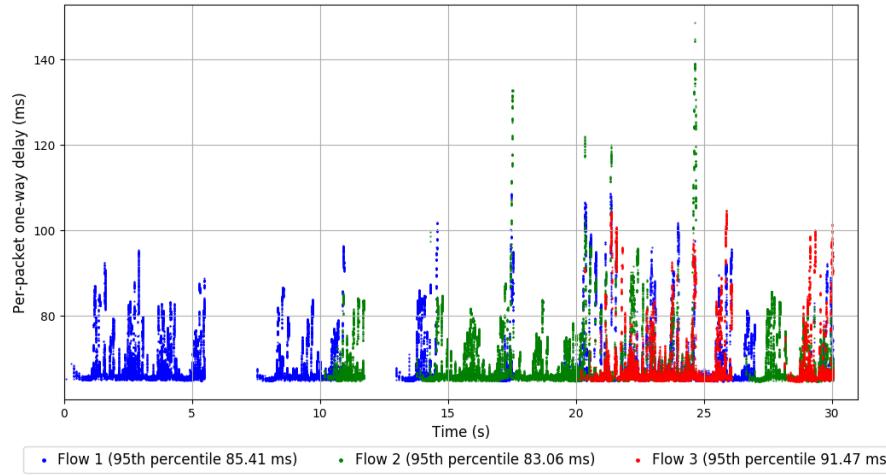
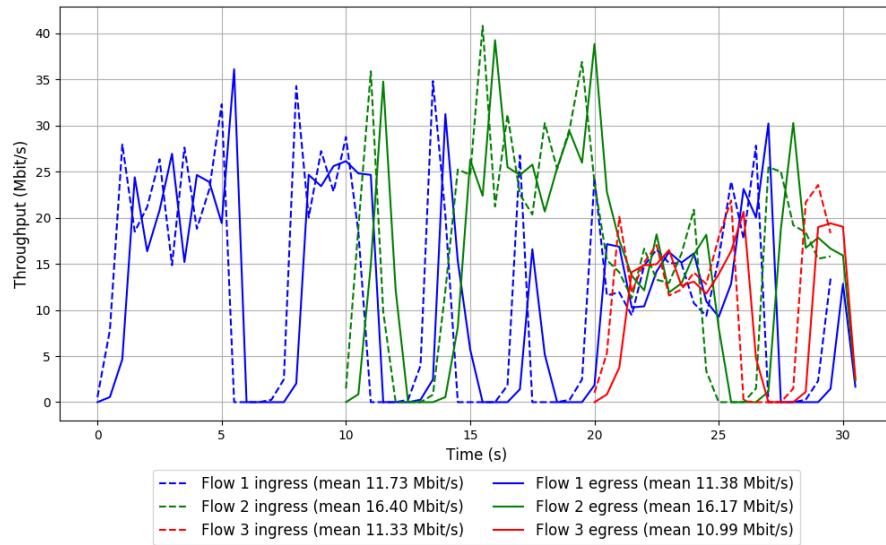


Run 6: Statistics of Copa

```
Start at: 2018-06-30 01:19:15
End at: 2018-06-30 01:19:45
Local clock offset: 3.631 ms
Remote clock offset: -10.071 ms

# Below is generated by plot.py at 2018-06-30 04:50:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 25.80 Mbit/s
95th percentile per-packet one-way delay: 84.551 ms
Loss rate: 2.34%
-- Flow 1:
Average throughput: 11.38 Mbit/s
95th percentile per-packet one-way delay: 85.408 ms
Loss rate: 2.96%
-- Flow 2:
Average throughput: 16.17 Mbit/s
95th percentile per-packet one-way delay: 83.057 ms
Loss rate: 1.44%
-- Flow 3:
Average throughput: 10.99 Mbit/s
95th percentile per-packet one-way delay: 91.468 ms
Loss rate: 3.06%
```

Run 6: Report of Copa — Data Link

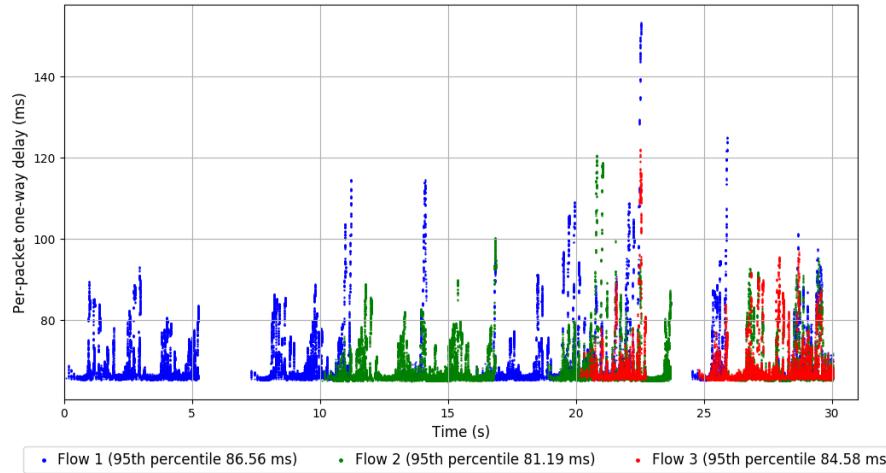
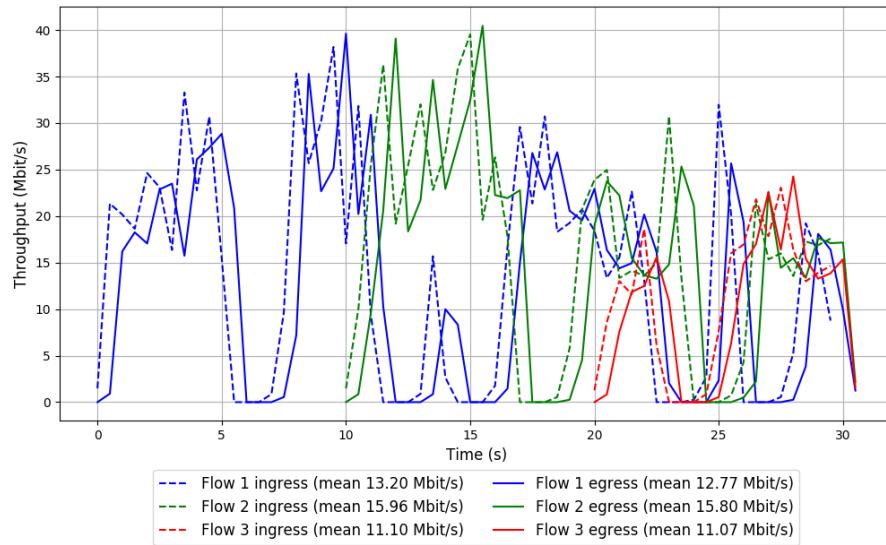


Run 7: Statistics of Copa

```
Start at: 2018-06-30 02:06:30
End at: 2018-06-30 02:07:00
Local clock offset: 4.665 ms
Remote clock offset: -10.578 ms

# Below is generated by plot.py at 2018-06-30 04:50:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.97 Mbit/s
95th percentile per-packet one-way delay: 84.754 ms
Loss rate: 1.98%
-- Flow 1:
Average throughput: 12.77 Mbit/s
95th percentile per-packet one-way delay: 86.562 ms
Loss rate: 3.26%
-- Flow 2:
Average throughput: 15.80 Mbit/s
95th percentile per-packet one-way delay: 81.190 ms
Loss rate: 0.98%
-- Flow 3:
Average throughput: 11.07 Mbit/s
95th percentile per-packet one-way delay: 84.583 ms
Loss rate: 0.31%
```

Run 7: Report of Copa — Data Link

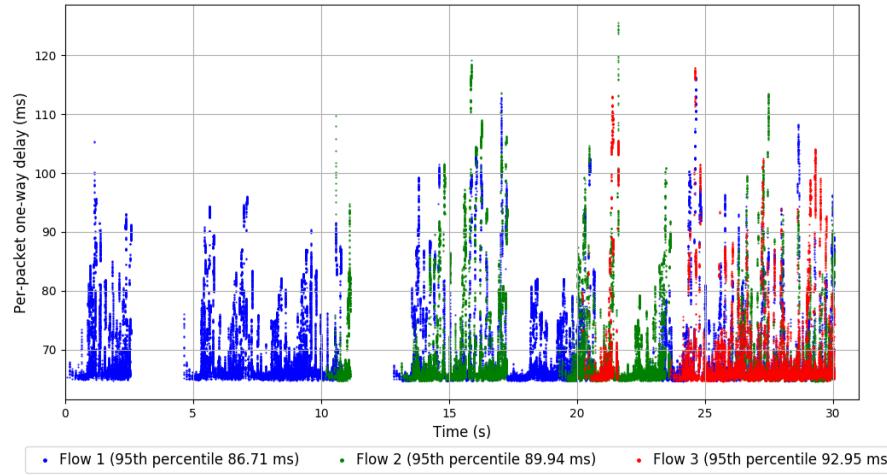
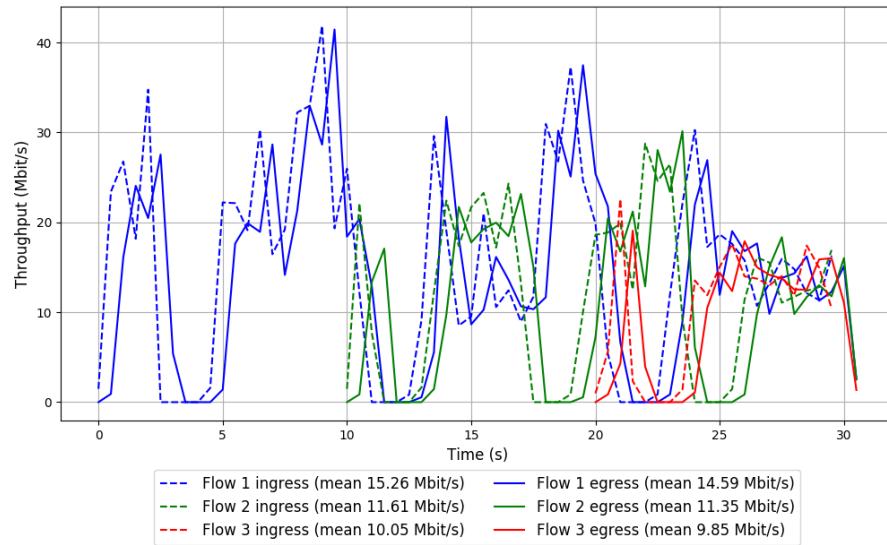


Run 8: Statistics of Copa

```
Start at: 2018-06-30 02:52:34
End at: 2018-06-30 02:53:04
Local clock offset: 3.634 ms
Remote clock offset: -7.475 ms

# Below is generated by plot.py at 2018-06-30 04:50:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 25.42 Mbit/s
95th percentile per-packet one-way delay: 88.170 ms
Loss rate: 3.47%
-- Flow 1:
Average throughput: 14.59 Mbit/s
95th percentile per-packet one-way delay: 86.708 ms
Loss rate: 4.43%
-- Flow 2:
Average throughput: 11.35 Mbit/s
95th percentile per-packet one-way delay: 89.935 ms
Loss rate: 2.25%
-- Flow 3:
Average throughput: 9.85 Mbit/s
95th percentile per-packet one-way delay: 92.948 ms
Loss rate: 1.92%
```

Run 8: Report of Copa — Data Link

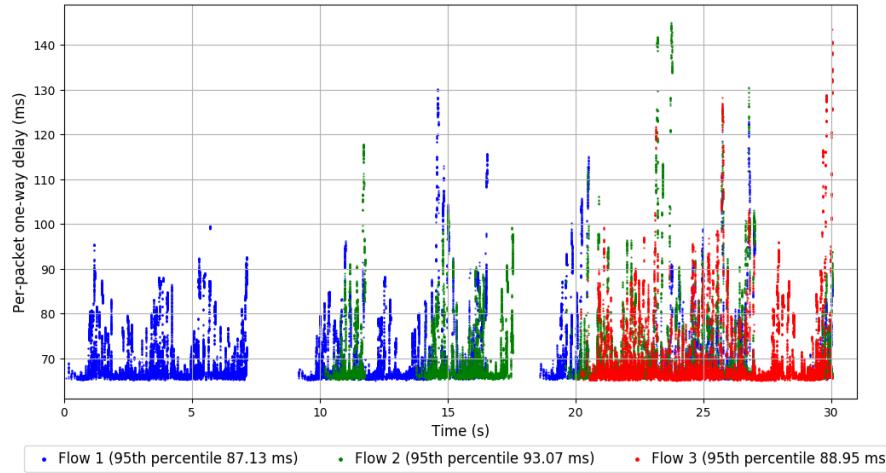
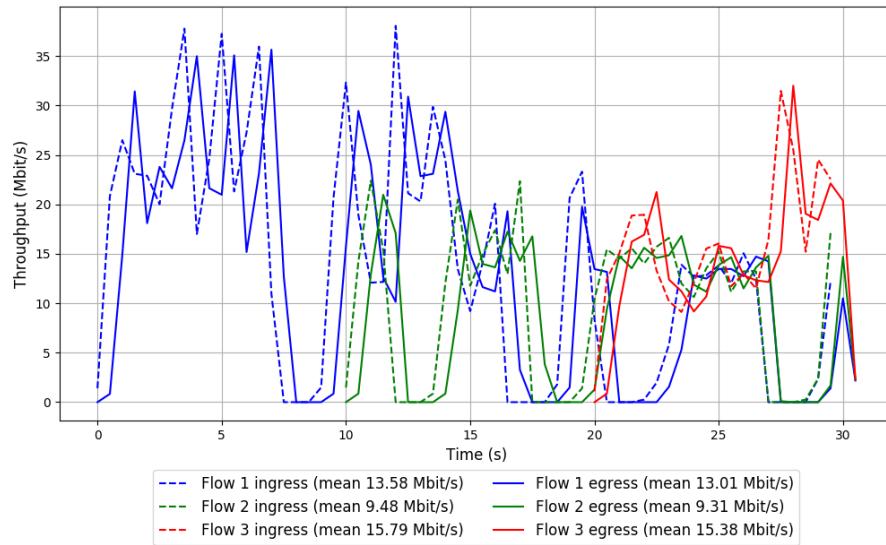


Run 9: Statistics of Copa

```
Start at: 2018-06-30 03:36:19
End at: 2018-06-30 03:36:49
Local clock offset: 6.199 ms
Remote clock offset: -10.27 ms

# Below is generated by plot.py at 2018-06-30 04:50:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 24.32 Mbit/s
95th percentile per-packet one-way delay: 88.426 ms
Loss rate: 3.23%
-- Flow 1:
Average throughput: 13.01 Mbit/s
95th percentile per-packet one-way delay: 87.128 ms
Loss rate: 4.21%
-- Flow 2:
Average throughput: 9.31 Mbit/s
95th percentile per-packet one-way delay: 93.073 ms
Loss rate: 1.73%
-- Flow 3:
Average throughput: 15.38 Mbit/s
95th percentile per-packet one-way delay: 88.950 ms
Loss rate: 2.51%
```

Run 9: Report of Copa — Data Link

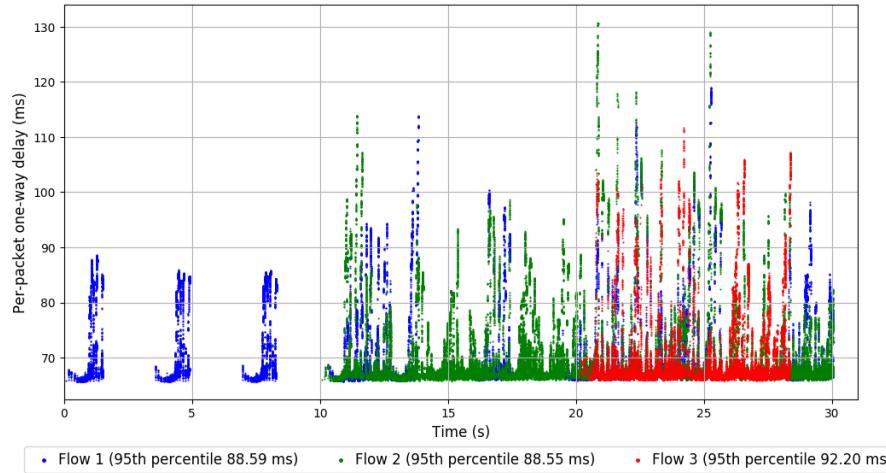
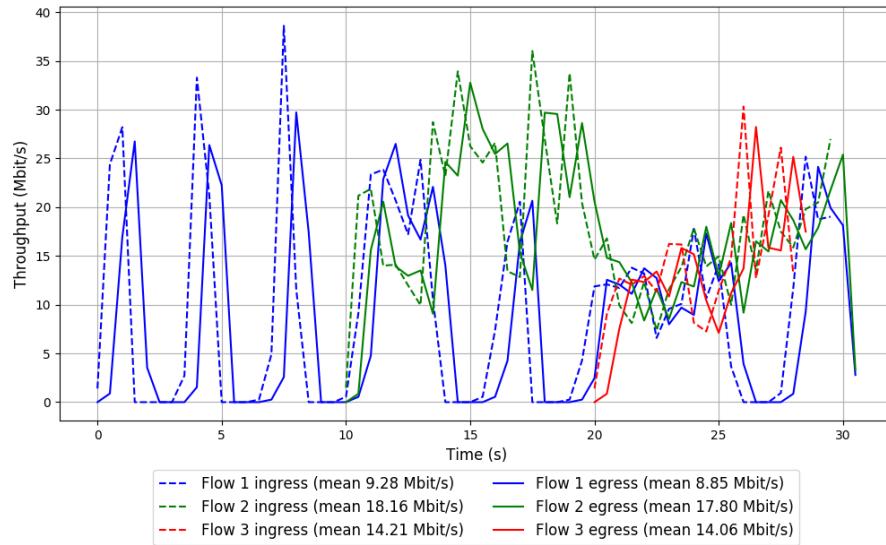


Run 10: Statistics of Copa

```
Start at: 2018-06-30 04:21:24
End at: 2018-06-30 04:21:54
Local clock offset: 2.981 ms
Remote clock offset: -10.385 ms

# Below is generated by plot.py at 2018-06-30 04:50:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 24.60 Mbit/s
95th percentile per-packet one-way delay: 89.044 ms
Loss rate: 2.76%
-- Flow 1:
Average throughput: 8.85 Mbit/s
95th percentile per-packet one-way delay: 88.590 ms
Loss rate: 4.61%
-- Flow 2:
Average throughput: 17.80 Mbit/s
95th percentile per-packet one-way delay: 88.554 ms
Loss rate: 1.99%
-- Flow 3:
Average throughput: 14.06 Mbit/s
95th percentile per-packet one-way delay: 92.200 ms
Loss rate: 0.78%
```

Run 10: Report of Copa — Data Link

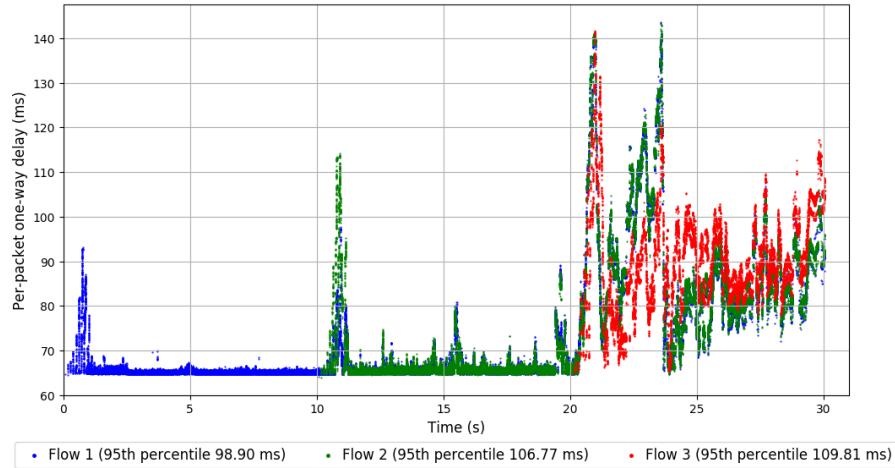
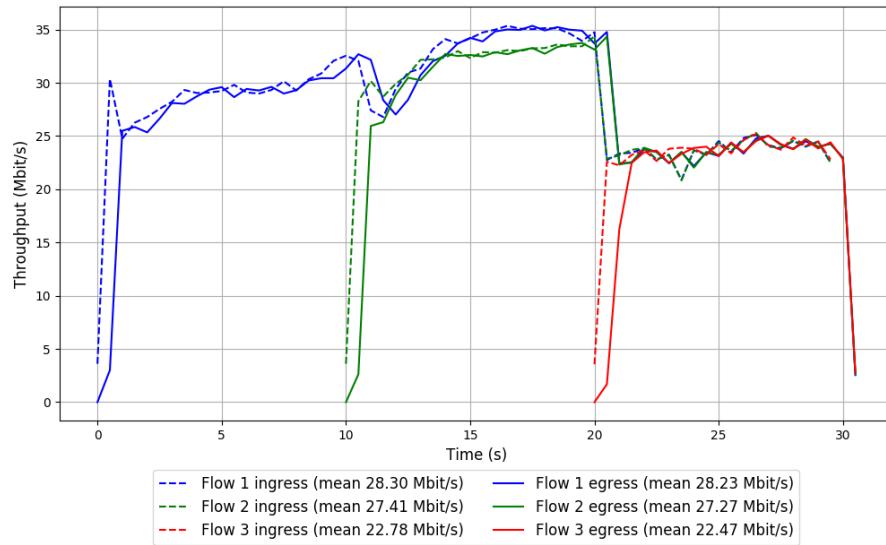


```
Run 1: Statistics of TCP Cubic

Start at: 2018-06-29 21:00:04
End at: 2018-06-29 21:00:34
Local clock offset: 0.203 ms
Remote clock offset: -9.432 ms

# Below is generated by plot.py at 2018-06-30 04:50:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.86 Mbit/s
95th percentile per-packet one-way delay: 104.498 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 28.23 Mbit/s
95th percentile per-packet one-way delay: 98.898 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 27.27 Mbit/s
95th percentile per-packet one-way delay: 106.766 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 22.47 Mbit/s
95th percentile per-packet one-way delay: 109.809 ms
Loss rate: 1.32%
```

Run 1: Report of TCP Cubic — Data Link

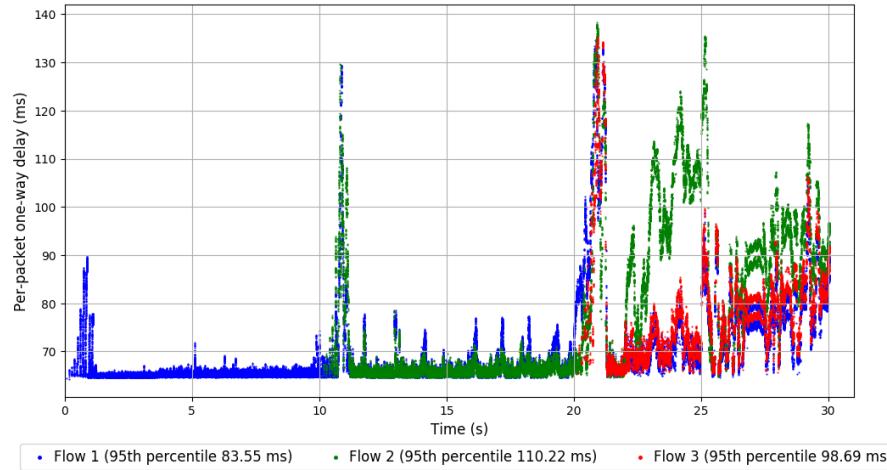
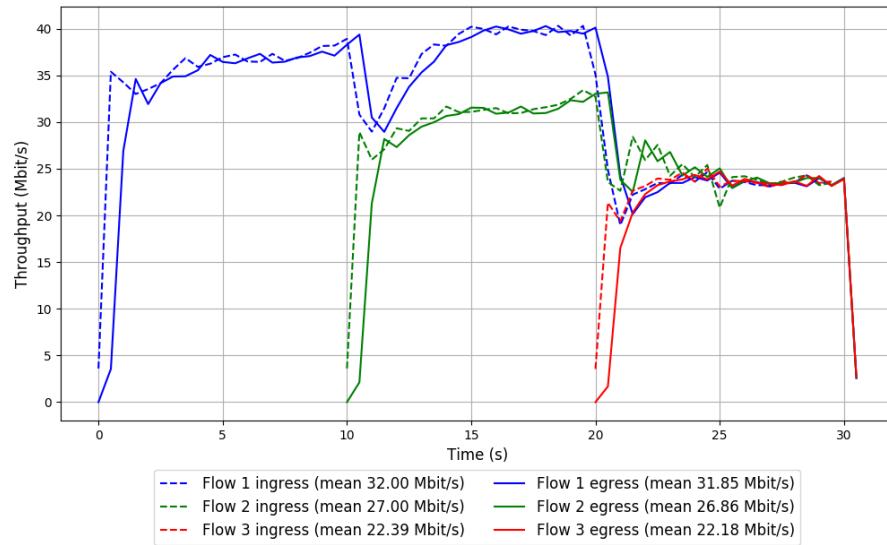


Run 2: Statistics of TCP Cubic

```
Start at: 2018-06-29 21:48:54
End at: 2018-06-29 21:49:25
Local clock offset: 4.213 ms
Remote clock offset: -9.761 ms

# Below is generated by plot.py at 2018-06-30 04:50:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 57.12 Mbit/s
95th percentile per-packet one-way delay: 100.572 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 31.85 Mbit/s
95th percentile per-packet one-way delay: 83.551 ms
Loss rate: 0.48%
-- Flow 2:
Average throughput: 26.86 Mbit/s
95th percentile per-packet one-way delay: 110.220 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 22.18 Mbit/s
95th percentile per-packet one-way delay: 98.691 ms
Loss rate: 0.94%
```

Run 2: Report of TCP Cubic — Data Link

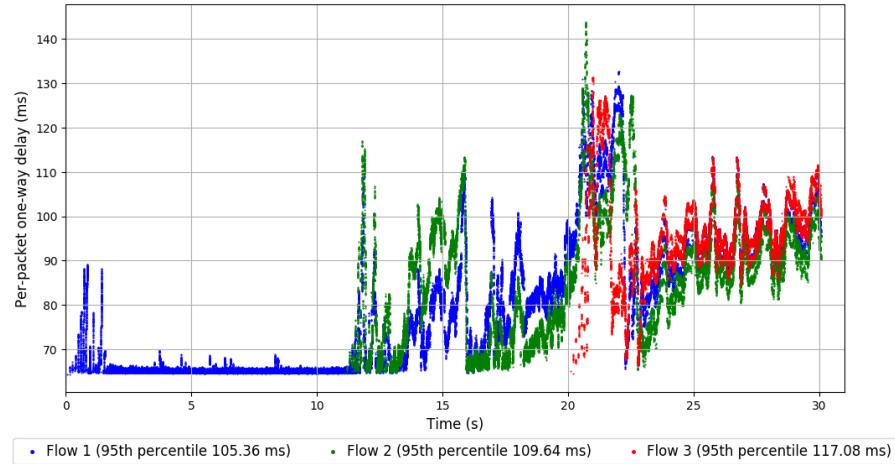
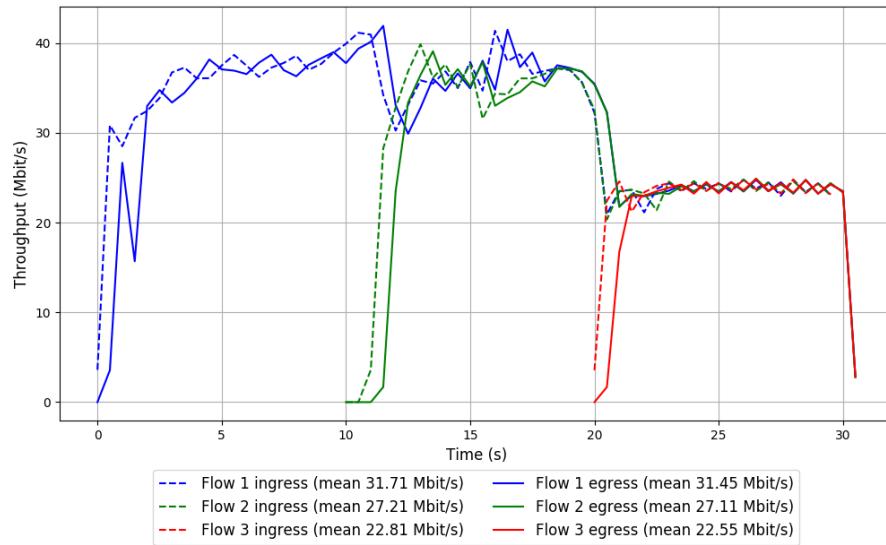


Run 3: Statistics of TCP Cubic

```
Start at: 2018-06-29 22:37:32
End at: 2018-06-29 22:38:02
Local clock offset: -4.575 ms
Remote clock offset: -8.864 ms

# Below is generated by plot.py at 2018-06-30 04:51:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 57.00 Mbit/s
95th percentile per-packet one-way delay: 108.591 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 31.45 Mbit/s
95th percentile per-packet one-way delay: 105.356 ms
Loss rate: 0.82%
-- Flow 2:
Average throughput: 27.11 Mbit/s
95th percentile per-packet one-way delay: 109.644 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 22.55 Mbit/s
95th percentile per-packet one-way delay: 117.081 ms
Loss rate: 1.10%
```

Run 3: Report of TCP Cubic — Data Link

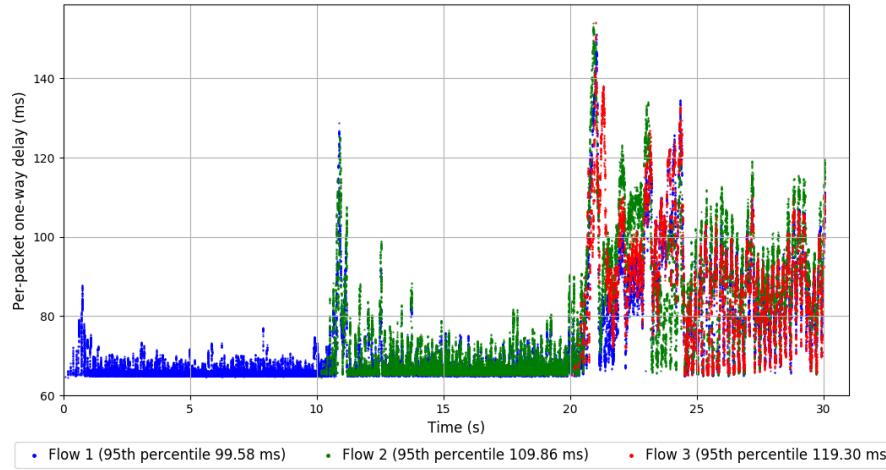
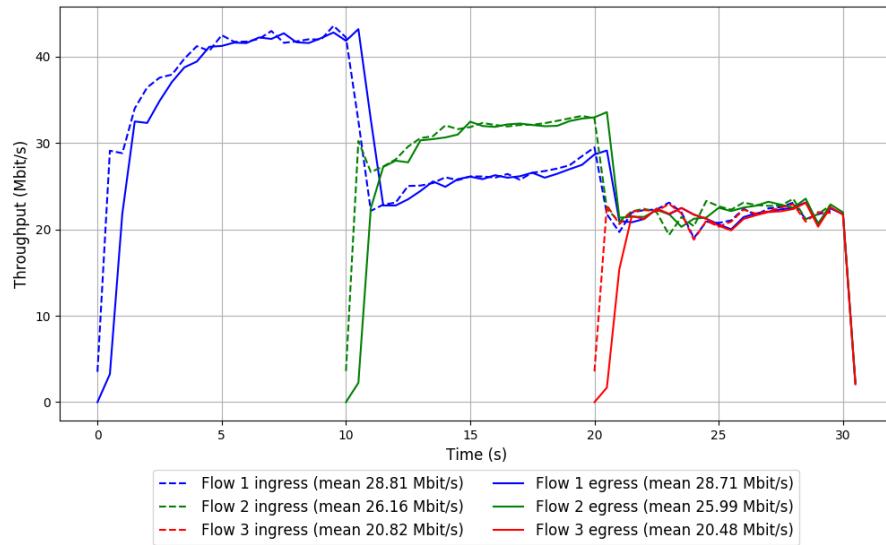


Run 4: Statistics of TCP Cubic

```
Start at: 2018-06-29 23:24:33
End at: 2018-06-29 23:25:03
Local clock offset: 4.86 ms
Remote clock offset: -12.11 ms

# Below is generated by plot.py at 2018-06-30 04:51:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 52.84 Mbit/s
95th percentile per-packet one-way delay: 108.235 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 28.71 Mbit/s
95th percentile per-packet one-way delay: 99.583 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 25.99 Mbit/s
95th percentile per-packet one-way delay: 109.859 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 20.48 Mbit/s
95th percentile per-packet one-way delay: 119.298 ms
Loss rate: 1.63%
```

Run 4: Report of TCP Cubic — Data Link

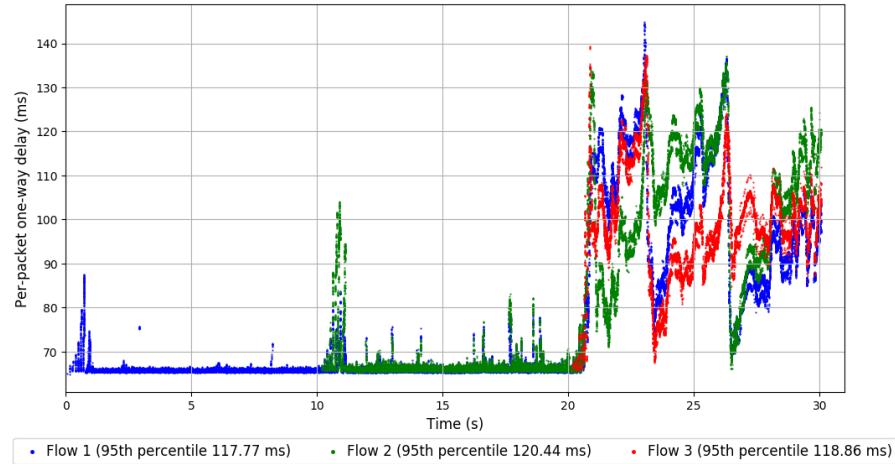
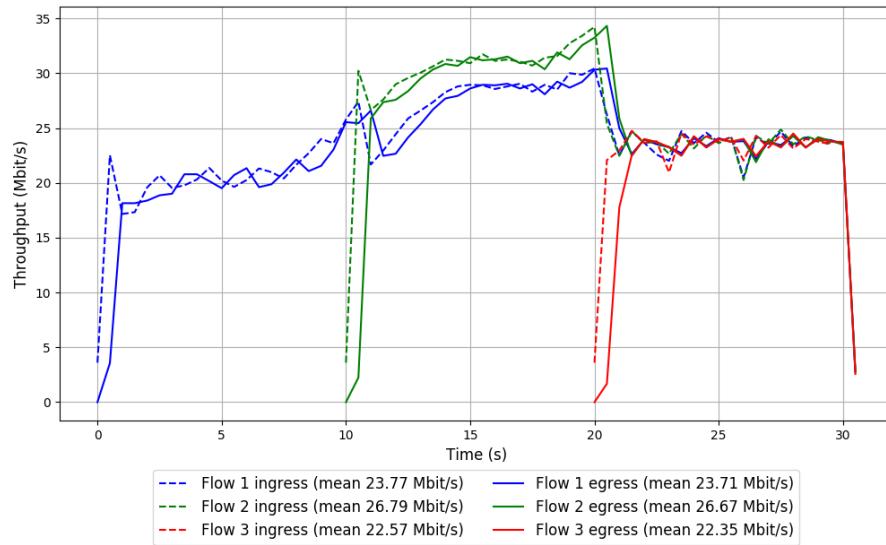


Run 5: Statistics of TCP Cubic

```
Start at: 2018-06-30 00:12:34
End at: 2018-06-30 00:13:04
Local clock offset: 0.271 ms
Remote clock offset: -8.827 ms

# Below is generated by plot.py at 2018-06-30 04:51:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.90 Mbit/s
95th percentile per-packet one-way delay: 119.123 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 23.71 Mbit/s
95th percentile per-packet one-way delay: 117.771 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 26.67 Mbit/s
95th percentile per-packet one-way delay: 120.444 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 22.35 Mbit/s
95th percentile per-packet one-way delay: 118.865 ms
Loss rate: 0.98%
```

Run 5: Report of TCP Cubic — Data Link

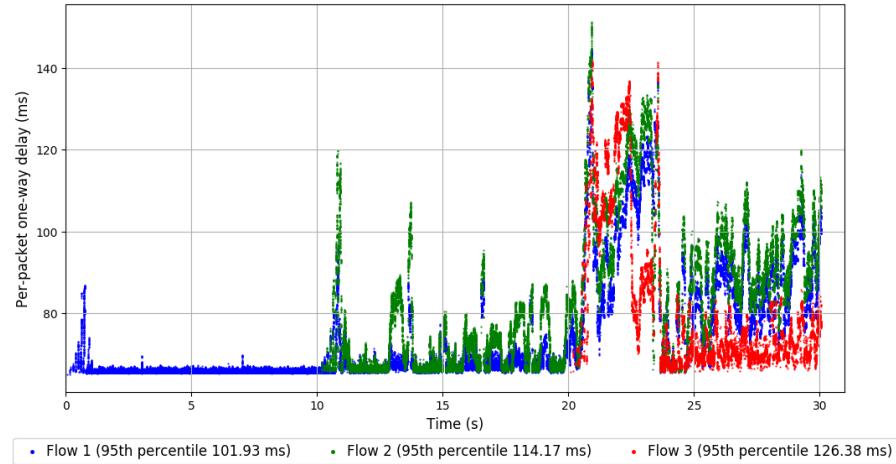
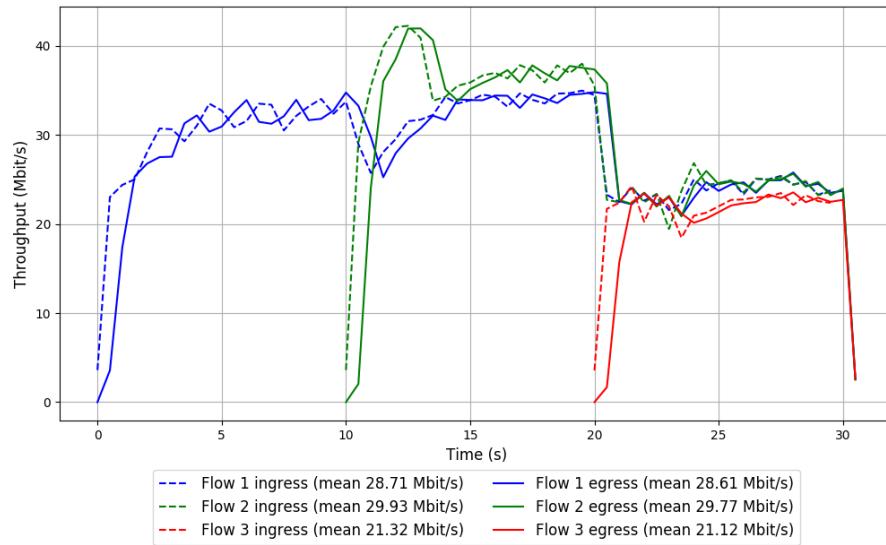


Run 6: Statistics of TCP Cubic

```
Start at: 2018-06-30 01:01:37
End at: 2018-06-30 01:02:07
Local clock offset: 4.42 ms
Remote clock offset: -8.563 ms

# Below is generated by plot.py at 2018-06-30 04:51:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 55.46 Mbit/s
95th percentile per-packet one-way delay: 111.985 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 28.61 Mbit/s
95th percentile per-packet one-way delay: 101.928 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 29.77 Mbit/s
95th percentile per-packet one-way delay: 114.172 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 21.12 Mbit/s
95th percentile per-packet one-way delay: 126.375 ms
Loss rate: 0.92%
```

Run 6: Report of TCP Cubic — Data Link

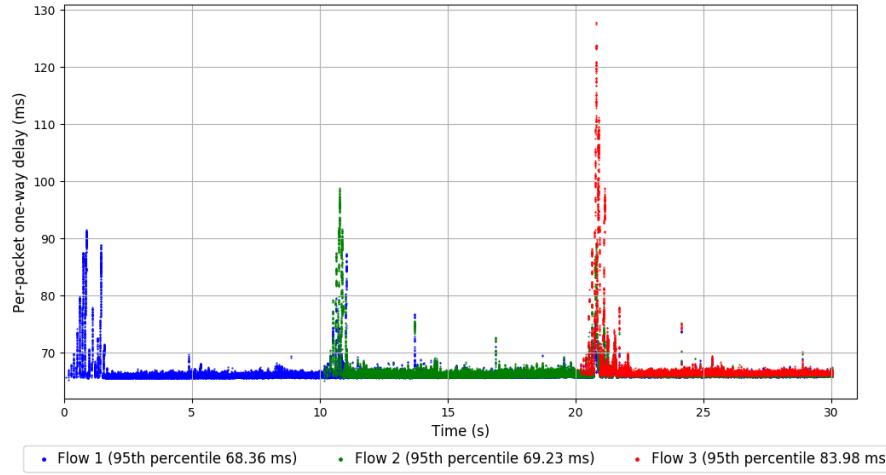
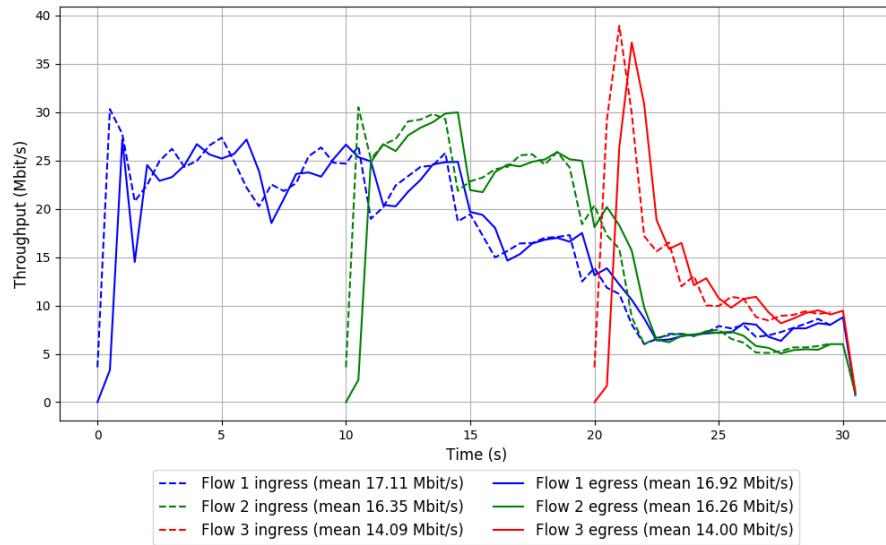


Run 7: Statistics of TCP Cubic

```
Start at: 2018-06-30 01:49:31
End at: 2018-06-30 01:50:01
Local clock offset: 0.85 ms
Remote clock offset: -10.519 ms

# Below is generated by plot.py at 2018-06-30 04:51:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 32.39 Mbit/s
95th percentile per-packet one-way delay: 69.932 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 16.92 Mbit/s
95th percentile per-packet one-way delay: 68.363 ms
Loss rate: 1.11%
-- Flow 2:
Average throughput: 16.26 Mbit/s
95th percentile per-packet one-way delay: 69.229 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 14.00 Mbit/s
95th percentile per-packet one-way delay: 83.980 ms
Loss rate: 0.68%
```

Run 7: Report of TCP Cubic — Data Link

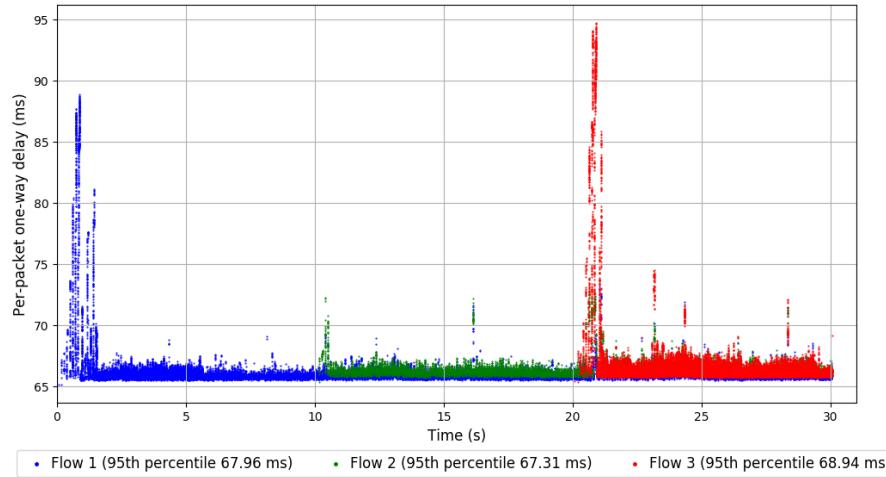
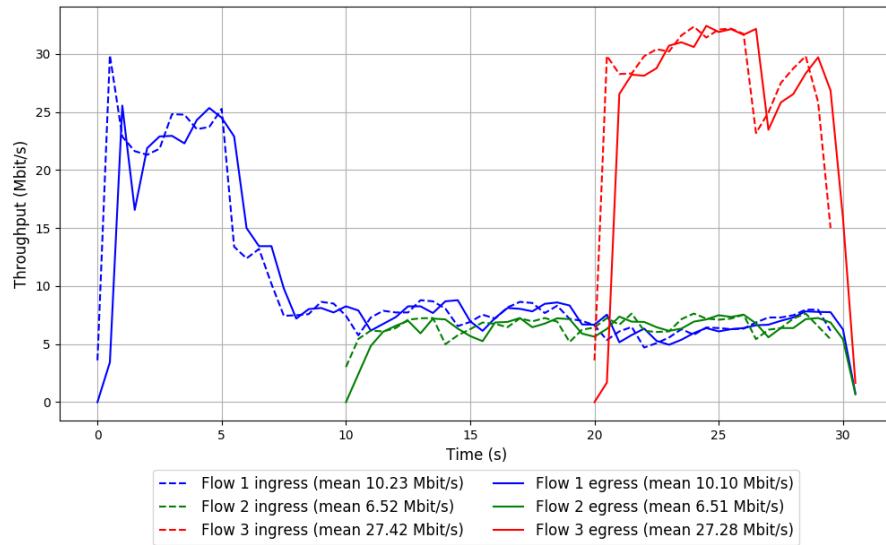


Run 8: Statistics of TCP Cubic

```
Start at: 2018-06-30 02:36:44
End at: 2018-06-30 02:37:14
Local clock offset: 8.556 ms
Remote clock offset: -7.162 ms

# Below is generated by plot.py at 2018-06-30 04:51:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 23.51 Mbit/s
95th percentile per-packet one-way delay: 67.952 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 10.10 Mbit/s
95th percentile per-packet one-way delay: 67.959 ms
Loss rate: 1.24%
-- Flow 2:
Average throughput: 6.51 Mbit/s
95th percentile per-packet one-way delay: 67.315 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 27.28 Mbit/s
95th percentile per-packet one-way delay: 68.945 ms
Loss rate: 0.50%
```

Run 8: Report of TCP Cubic — Data Link

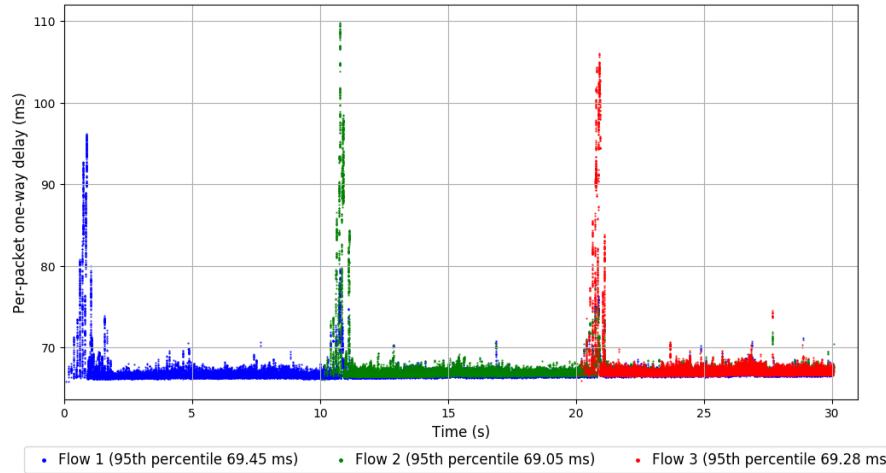
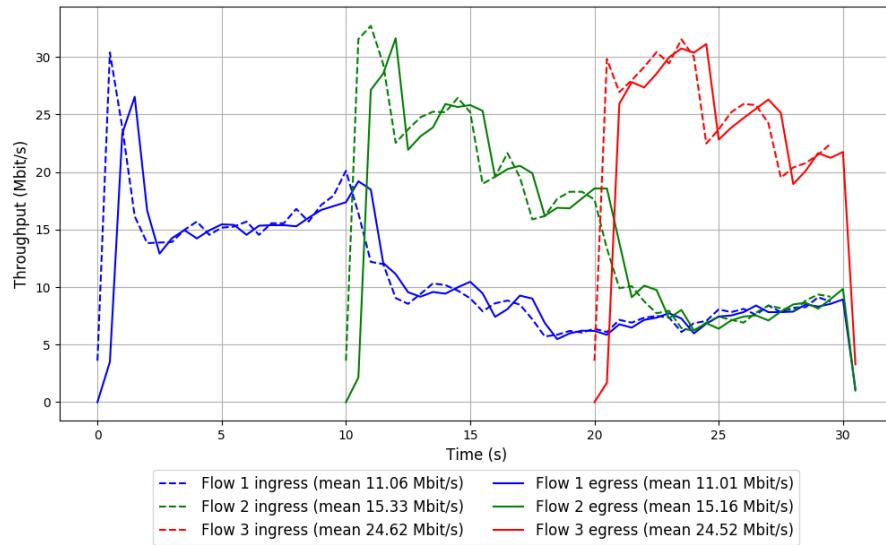


Run 9: Statistics of TCP Cubic

```
Start at: 2018-06-30 03:21:32
End at: 2018-06-30 03:22:02
Local clock offset: 2.207 ms
Remote clock offset: -7.368 ms

# Below is generated by plot.py at 2018-06-30 04:51:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 29.25 Mbit/s
95th percentile per-packet one-way delay: 69.284 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 11.01 Mbit/s
95th percentile per-packet one-way delay: 69.451 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 15.16 Mbit/s
95th percentile per-packet one-way delay: 69.051 ms
Loss rate: 1.06%
-- Flow 3:
Average throughput: 24.52 Mbit/s
95th percentile per-packet one-way delay: 69.281 ms
Loss rate: 0.42%
```

Run 9: Report of TCP Cubic — Data Link

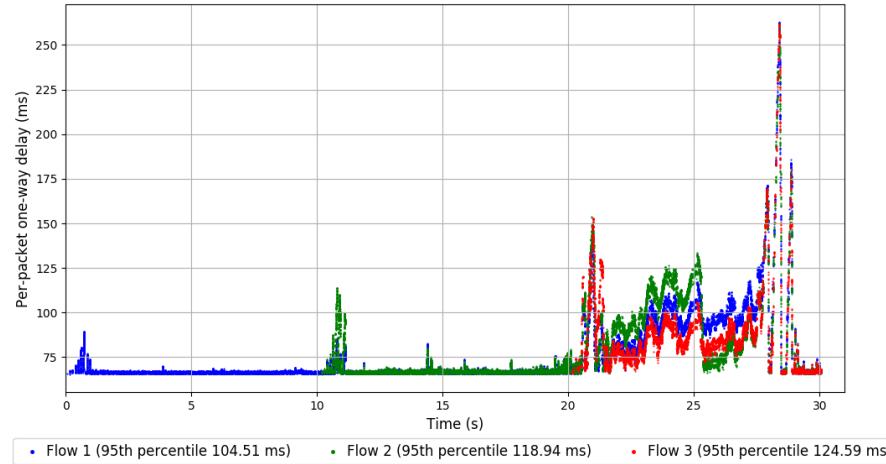
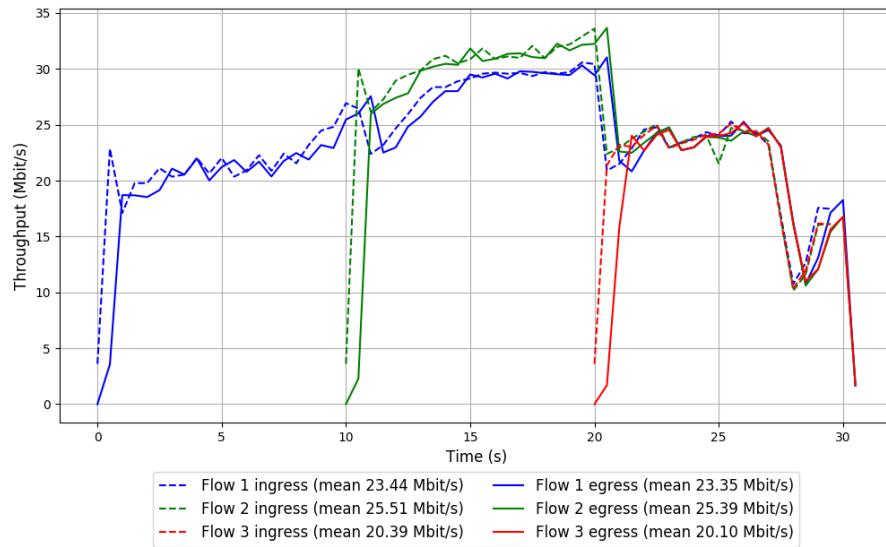


Run 10: Statistics of TCP Cubic

```
Start at: 2018-06-30 04:05:53
End at: 2018-06-30 04:06:23
Local clock offset: -0.745 ms
Remote clock offset: -10.47 ms

# Below is generated by plot.py at 2018-06-30 04:51:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 46.95 Mbit/s
95th percentile per-packet one-way delay: 112.379 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 23.35 Mbit/s
95th percentile per-packet one-way delay: 104.510 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 25.39 Mbit/s
95th percentile per-packet one-way delay: 118.942 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 20.10 Mbit/s
95th percentile per-packet one-way delay: 124.594 ms
Loss rate: 1.40%
```

Run 10: Report of TCP Cubic — Data Link

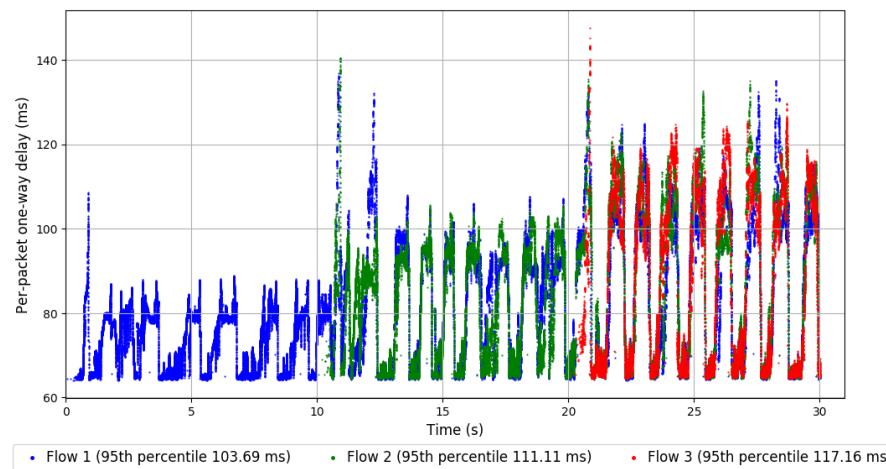
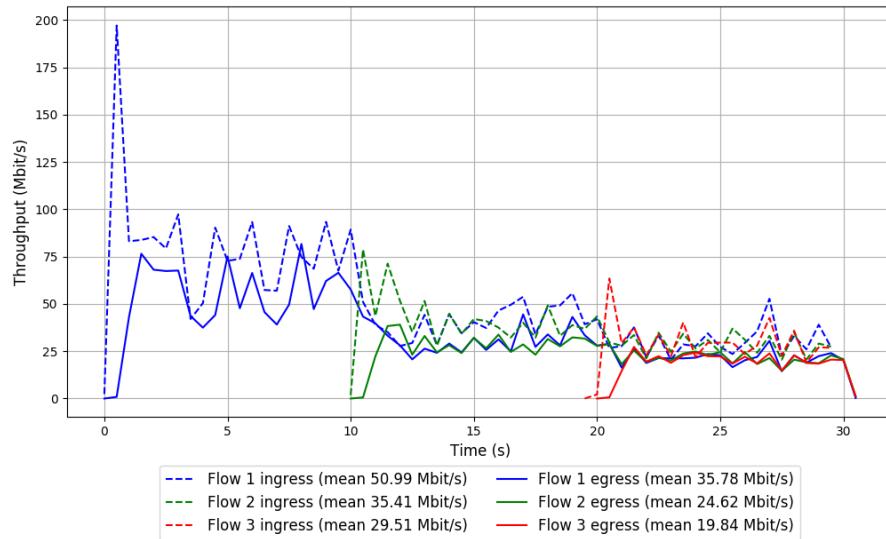


```
Run 1: Statistics of FillP

Start at: 2018-06-29 21:39:25
End at: 2018-06-29 21:39:55
Local clock offset: 3.512 ms
Remote clock offset: -10.405 ms

# Below is generated by plot.py at 2018-06-30 04:51:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 58.77 Mbit/s
95th percentile per-packet one-way delay: 109.447 ms
Loss rate: 30.34%
-- Flow 1:
Average throughput: 35.78 Mbit/s
95th percentile per-packet one-way delay: 103.686 ms
Loss rate: 29.82%
-- Flow 2:
Average throughput: 24.62 Mbit/s
95th percentile per-packet one-way delay: 111.115 ms
Loss rate: 30.45%
-- Flow 3:
Average throughput: 19.84 Mbit/s
95th percentile per-packet one-way delay: 117.155 ms
Loss rate: 32.75%
```

Run 1: Report of FillP — Data Link

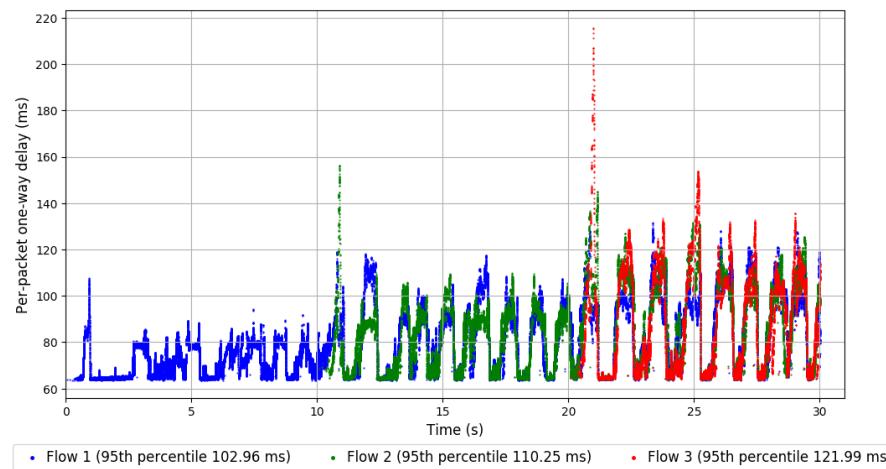
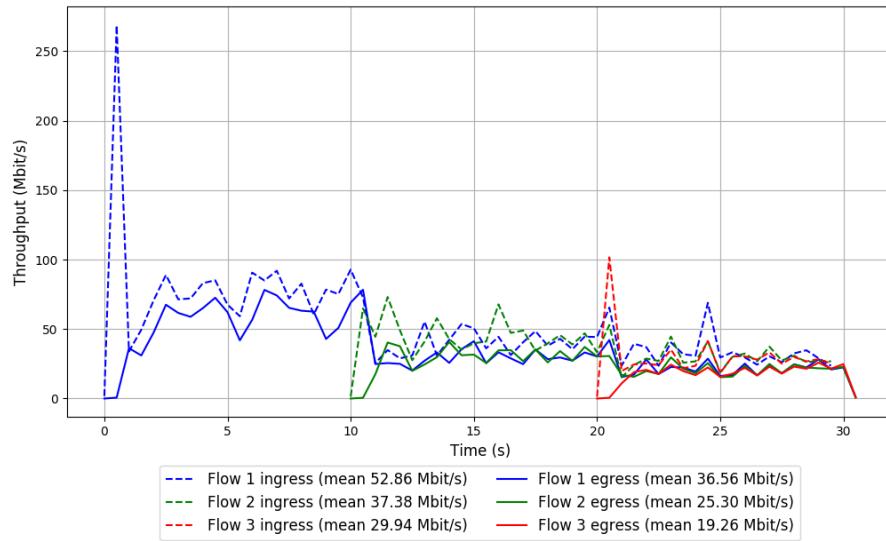


Run 2: Statistics of FillP

```
Start at: 2018-06-29 22:27:34
End at: 2018-06-29 22:28:04
Local clock offset: -1.81 ms
Remote clock offset: -8.909 ms

# Below is generated by plot.py at 2018-06-30 04:52:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 59.78 Mbit/s
95th percentile per-packet one-way delay: 108.825 ms
Loss rate: 31.80%
-- Flow 1:
Average throughput: 36.56 Mbit/s
95th percentile per-packet one-way delay: 102.964 ms
Loss rate: 30.84%
-- Flow 2:
Average throughput: 25.30 Mbit/s
95th percentile per-packet one-way delay: 110.247 ms
Loss rate: 32.34%
-- Flow 3:
Average throughput: 19.26 Mbit/s
95th percentile per-packet one-way delay: 121.991 ms
Loss rate: 35.59%
```

Run 2: Report of FillP — Data Link

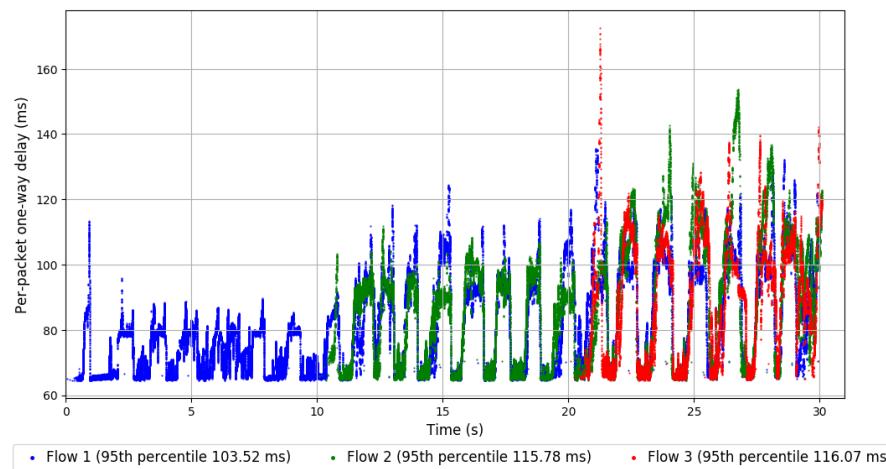
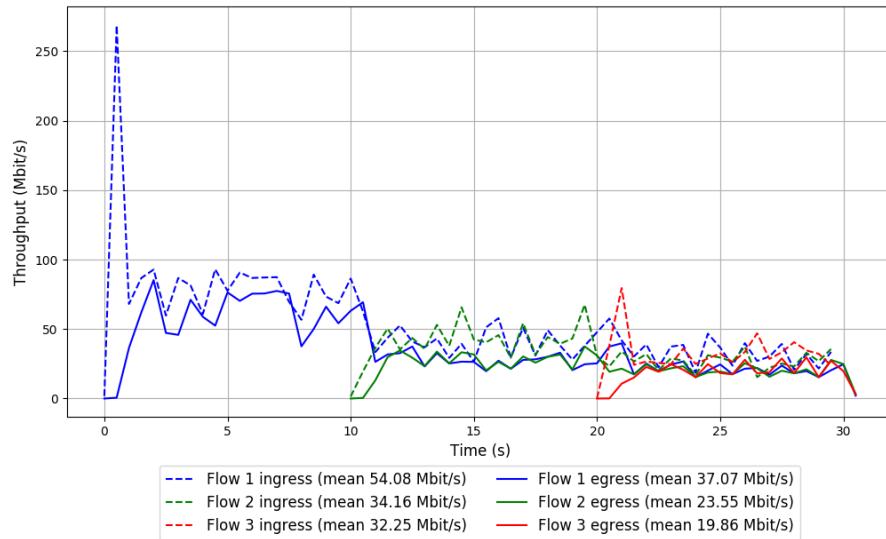


Run 3: Statistics of FillP

```
Start at: 2018-06-29 23:14:31
End at: 2018-06-29 23:15:01
Local clock offset: 5.285 ms
Remote clock offset: -11.6 ms

# Below is generated by plot.py at 2018-06-30 04:52:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 59.33 Mbit/s
95th percentile per-packet one-way delay: 109.512 ms
Loss rate: 32.07%
-- Flow 1:
Average throughput: 37.07 Mbit/s
95th percentile per-packet one-way delay: 103.519 ms
Loss rate: 31.38%
-- Flow 2:
Average throughput: 23.55 Mbit/s
95th percentile per-packet one-way delay: 115.782 ms
Loss rate: 30.87%
-- Flow 3:
Average throughput: 19.86 Mbit/s
95th percentile per-packet one-way delay: 116.070 ms
Loss rate: 38.12%
```

Run 3: Report of FillP — Data Link

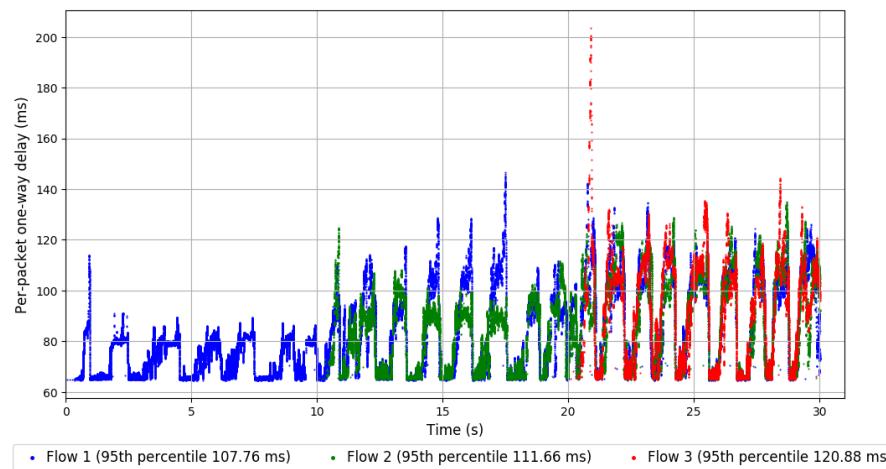
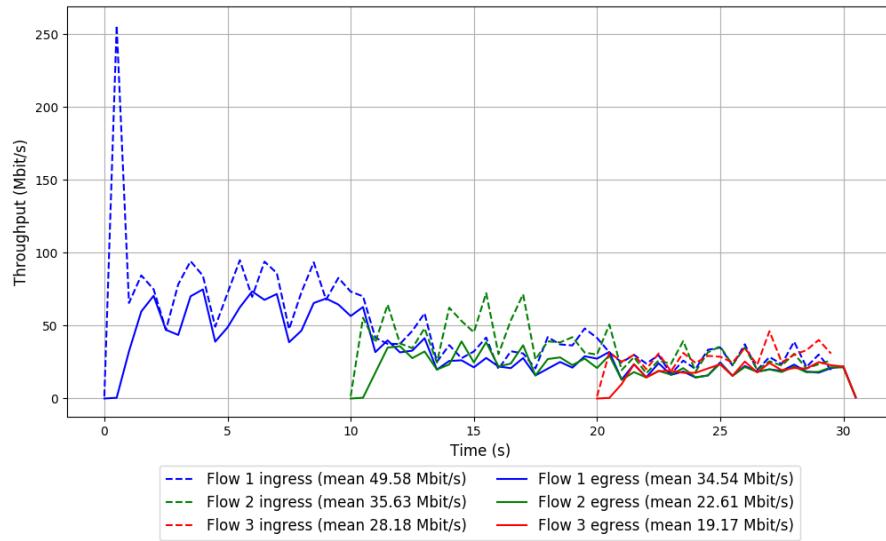


Run 4: Statistics of FillP

```
Start at: 2018-06-30 00:01:55
End at: 2018-06-30 00:02:25
Local clock offset: 1.046 ms
Remote clock offset: -10.691 ms

# Below is generated by plot.py at 2018-06-30 04:52:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 55.93 Mbit/s
95th percentile per-packet one-way delay: 111.178 ms
Loss rate: 32.28%
-- Flow 1:
Average throughput: 34.54 Mbit/s
95th percentile per-packet one-way delay: 107.761 ms
Loss rate: 30.31%
-- Flow 2:
Average throughput: 22.61 Mbit/s
95th percentile per-packet one-way delay: 111.661 ms
Loss rate: 36.54%
-- Flow 3:
Average throughput: 19.17 Mbit/s
95th percentile per-packet one-way delay: 120.884 ms
Loss rate: 31.98%
```

Run 4: Report of FillP — Data Link

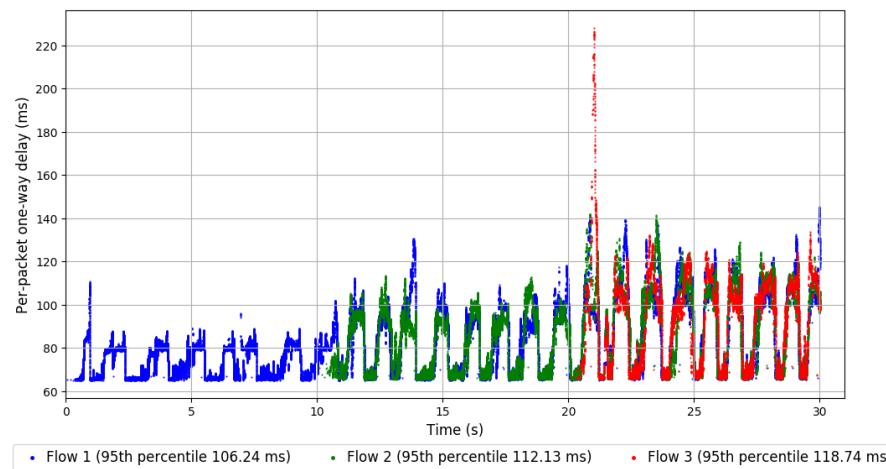
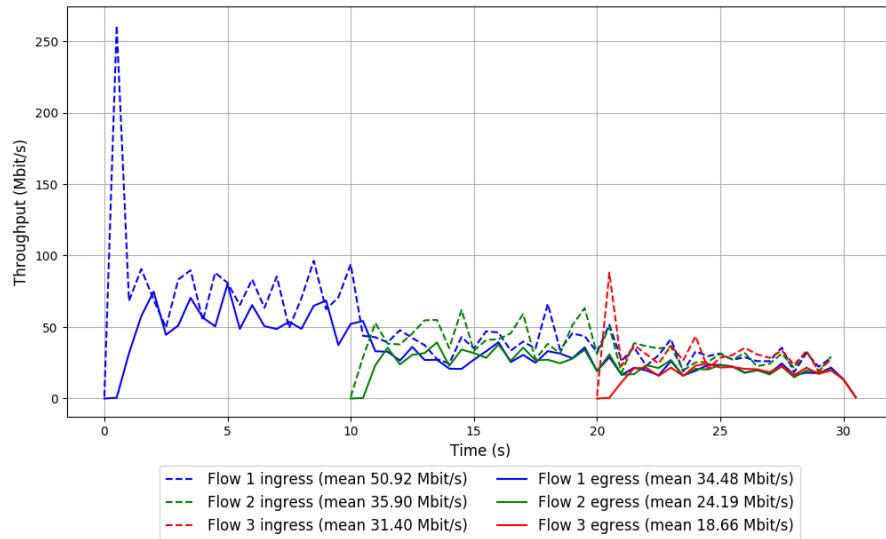


Run 5: Statistics of FillP

```
Start at: 2018-06-30 00:51:47
End at: 2018-06-30 00:52:17
Local clock offset: 1.991 ms
Remote clock offset: -8.677 ms

# Below is generated by plot.py at 2018-06-30 04:52:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 56.77 Mbit/s
95th percentile per-packet one-way delay: 111.218 ms
Loss rate: 33.39%
-- Flow 1:
Average throughput: 34.48 Mbit/s
95th percentile per-packet one-way delay: 106.239 ms
Loss rate: 32.28%
-- Flow 2:
Average throughput: 24.19 Mbit/s
95th percentile per-packet one-way delay: 112.129 ms
Loss rate: 32.62%
-- Flow 3:
Average throughput: 18.66 Mbit/s
95th percentile per-packet one-way delay: 118.742 ms
Loss rate: 40.58%
```

Run 5: Report of FillP — Data Link

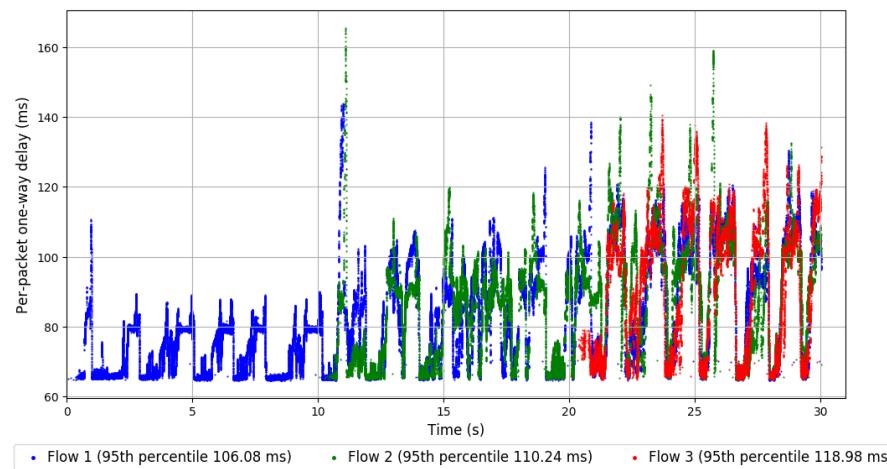
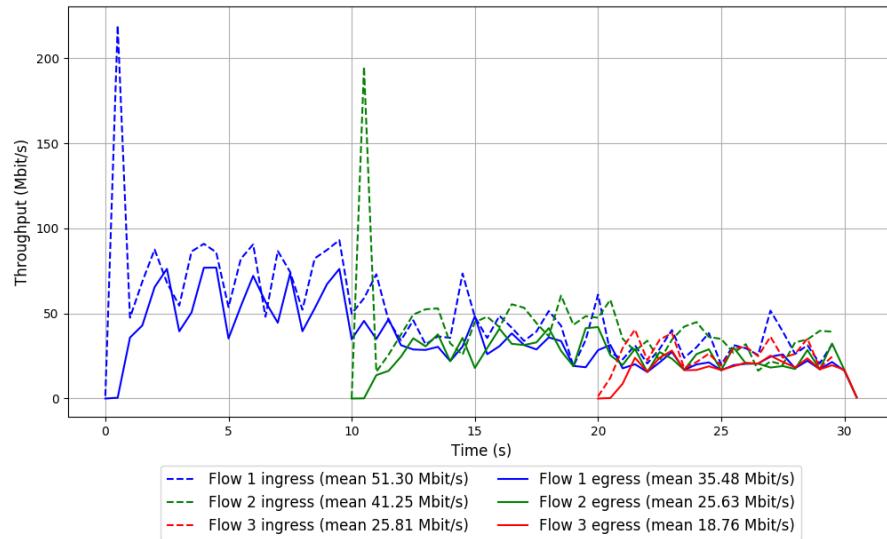


Run 6: Statistics of FillP

```
Start at: 2018-06-30 01:39:37
End at: 2018-06-30 01:40:07
Local clock offset: -0.749 ms
Remote clock offset: -10.534 ms

# Below is generated by plot.py at 2018-06-30 04:52:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 58.78 Mbit/s
95th percentile per-packet one-way delay: 109.879 ms
Loss rate: 32.67%
-- Flow 1:
Average throughput: 35.48 Mbit/s
95th percentile per-packet one-way delay: 106.082 ms
Loss rate: 30.82%
-- Flow 2:
Average throughput: 25.63 Mbit/s
95th percentile per-packet one-way delay: 110.244 ms
Loss rate: 37.81%
-- Flow 3:
Average throughput: 18.76 Mbit/s
95th percentile per-packet one-way delay: 118.976 ms
Loss rate: 27.25%
```

Run 6: Report of FillP — Data Link

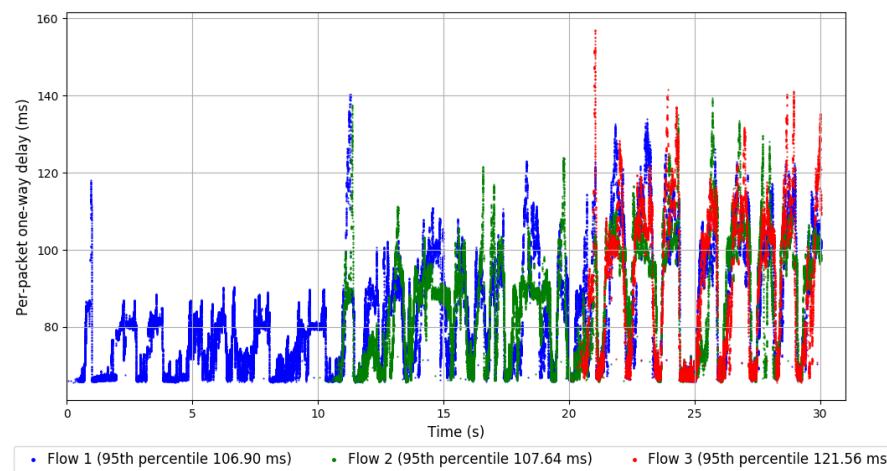
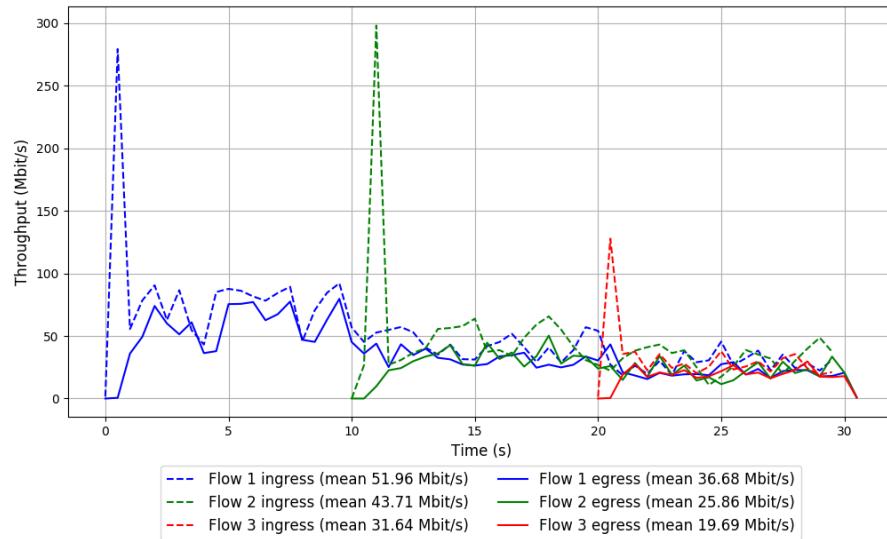


Run 7: Statistics of FillP

```
Start at: 2018-06-30 02:26:41
End at: 2018-06-30 02:27:11
Local clock offset: 7.454 ms
Remote clock offset: -7.676 ms

# Below is generated by plot.py at 2018-06-30 04:52:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 60.41 Mbit/s
95th percentile per-packet one-way delay: 110.032 ms
Loss rate: 34.00%
-- Flow 1:
Average throughput: 36.68 Mbit/s
95th percentile per-packet one-way delay: 106.897 ms
Loss rate: 29.41%
-- Flow 2:
Average throughput: 25.86 Mbit/s
95th percentile per-packet one-way delay: 107.640 ms
Loss rate: 40.85%
-- Flow 3:
Average throughput: 19.69 Mbit/s
95th percentile per-packet one-way delay: 121.565 ms
Loss rate: 37.72%
```

Run 7: Report of FillP — Data Link



Run 8: Statistics of FillP

/home/ubuntu/pantheon/data/2018-06-29T20-55-AWS-Korea-to-China-10-runs-3-flows/fillp_stats_1

Run 8: Report of FillP — Data Link

Figure is missing

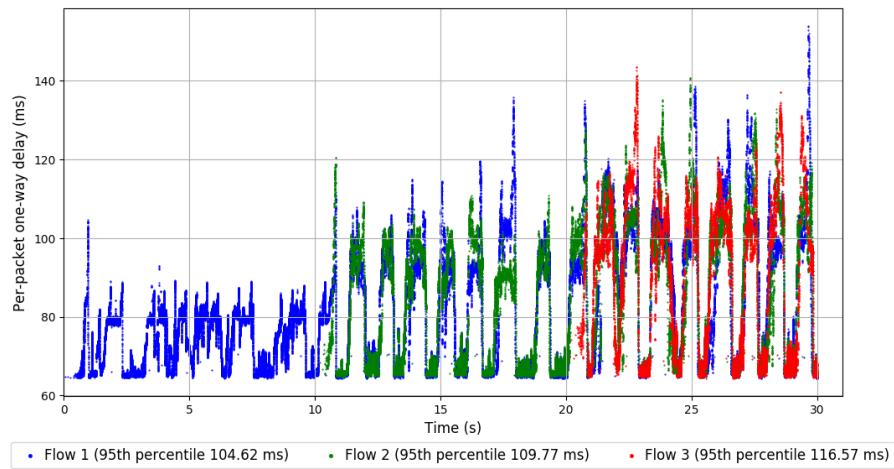
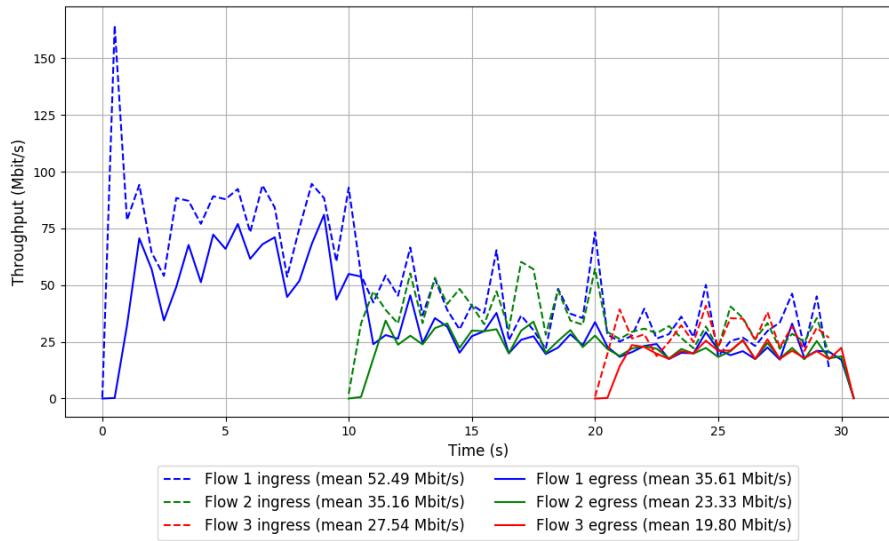
Figure is missing

Run 9: Statistics of FillP

```
Start at: 2018-06-30 03:55:59
End at: 2018-06-30 03:56:29
Local clock offset: 1.519 ms
Remote clock offset: -11.011 ms

# Below is generated by plot.py at 2018-06-30 04:52:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 57.69 Mbit/s
95th percentile per-packet one-way delay: 109.171 ms
Loss rate: 32.13%
-- Flow 1:
Average throughput: 35.61 Mbit/s
95th percentile per-packet one-way delay: 104.616 ms
Loss rate: 32.16%
-- Flow 2:
Average throughput: 23.33 Mbit/s
95th percentile per-packet one-way delay: 109.768 ms
Loss rate: 33.64%
-- Flow 3:
Average throughput: 19.80 Mbit/s
95th percentile per-packet one-way delay: 116.570 ms
Loss rate: 28.13%
```

Run 9: Report of FillP — Data Link

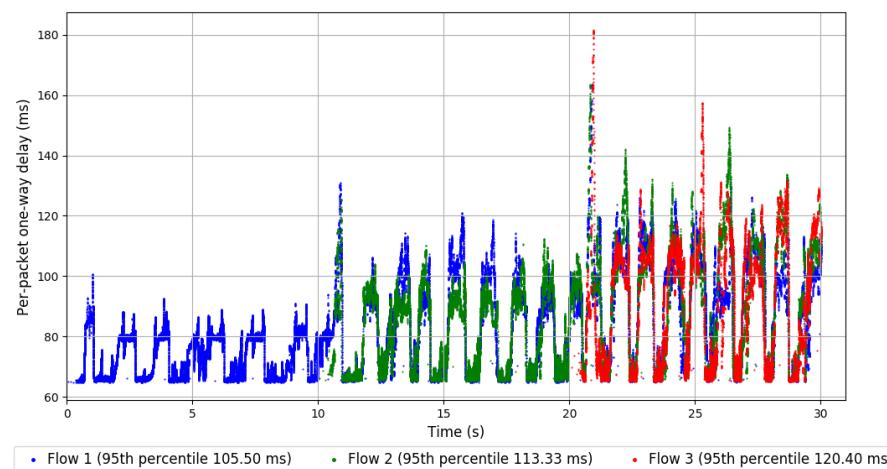
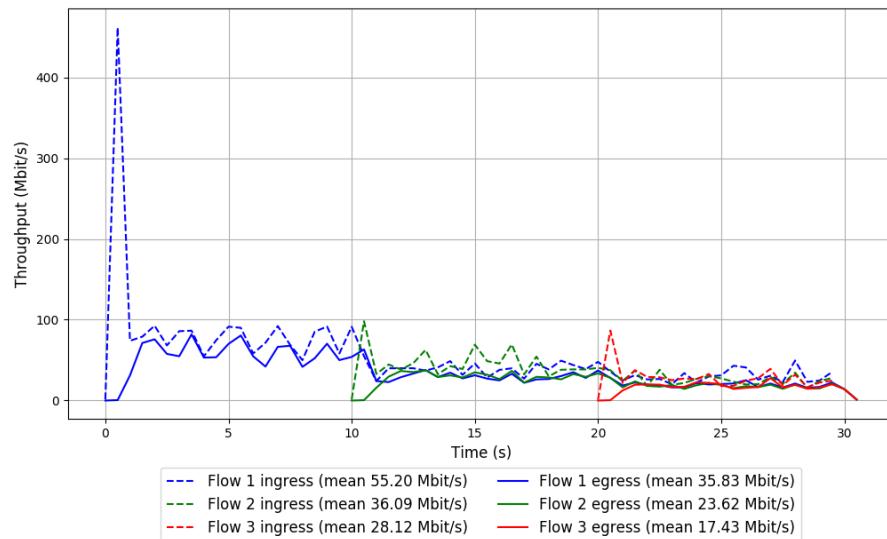


Run 10: Statistics of FillP

```
Start at: 2018-06-30 04:41:20
End at: 2018-06-30 04:41:50
Local clock offset: 8.685 ms
Remote clock offset: -9.155 ms

# Below is generated by plot.py at 2018-06-30 04:53:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 57.34 Mbit/s
95th percentile per-packet one-way delay: 110.739 ms
Loss rate: 35.25%
-- Flow 1:
Average throughput: 35.83 Mbit/s
95th percentile per-packet one-way delay: 105.500 ms
Loss rate: 35.09%
-- Flow 2:
Average throughput: 23.62 Mbit/s
95th percentile per-packet one-way delay: 113.329 ms
Loss rate: 34.56%
-- Flow 3:
Average throughput: 17.43 Mbit/s
95th percentile per-packet one-way delay: 120.401 ms
Loss rate: 38.02%
```

Run 10: Report of FillP — Data Link

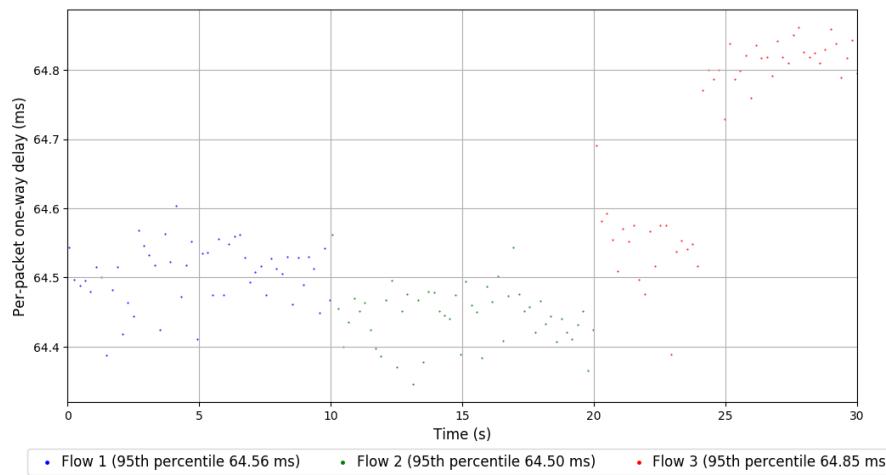
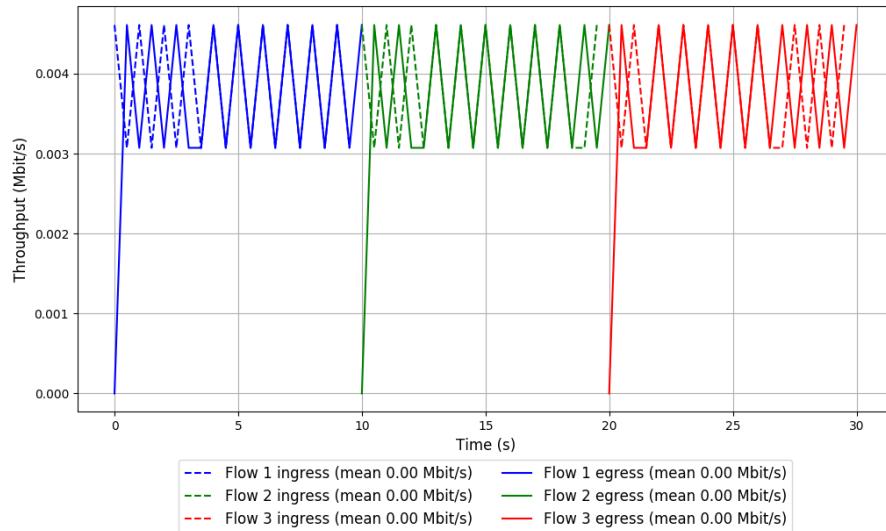


Run 1: Statistics of FillP-Sheep

```
Start at: 2018-06-29 21:34:12
End at: 2018-06-29 21:34:42
Local clock offset: 3.028 ms
Remote clock offset: -10.374 ms

# Below is generated by plot.py at 2018-06-30 04:53:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 64.835 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 64.563 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 64.502 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 64.850 ms
Loss rate: 0.00%
```

Run 1: Report of FillP-Sheep — Data Link

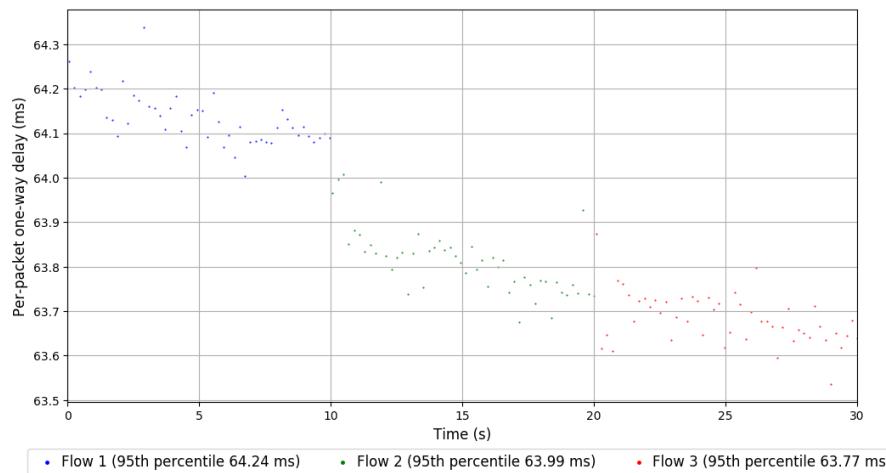
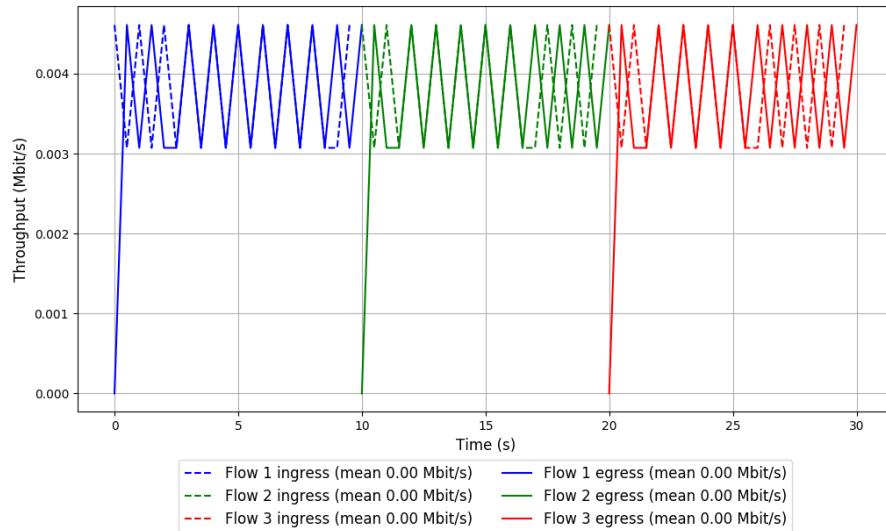


Run 2: Statistics of FillP-Sheep

```
Start at: 2018-06-29 22:22:24
End at: 2018-06-29 22:22:54
Local clock offset: 0.444 ms
Remote clock offset: -8.994 ms

# Below is generated by plot.py at 2018-06-30 04:53:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 64.199 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 64.239 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 63.991 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 63.769 ms
Loss rate: 0.00%
```

Run 2: Report of FillP-Sheep — Data Link

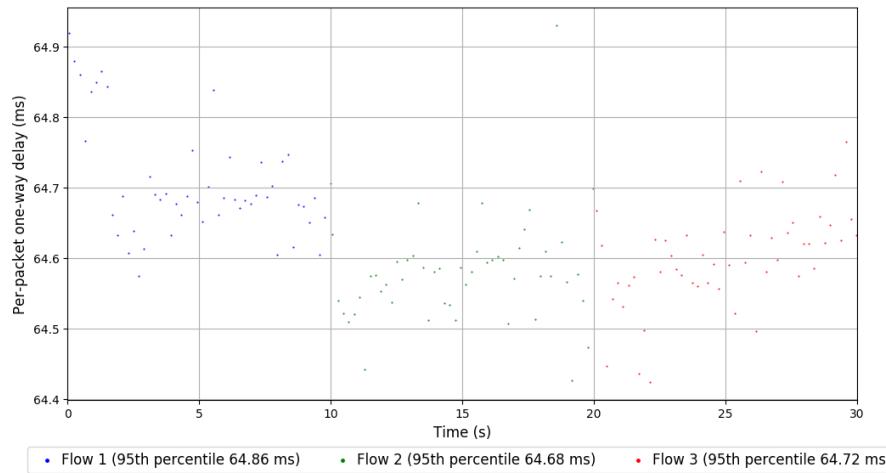
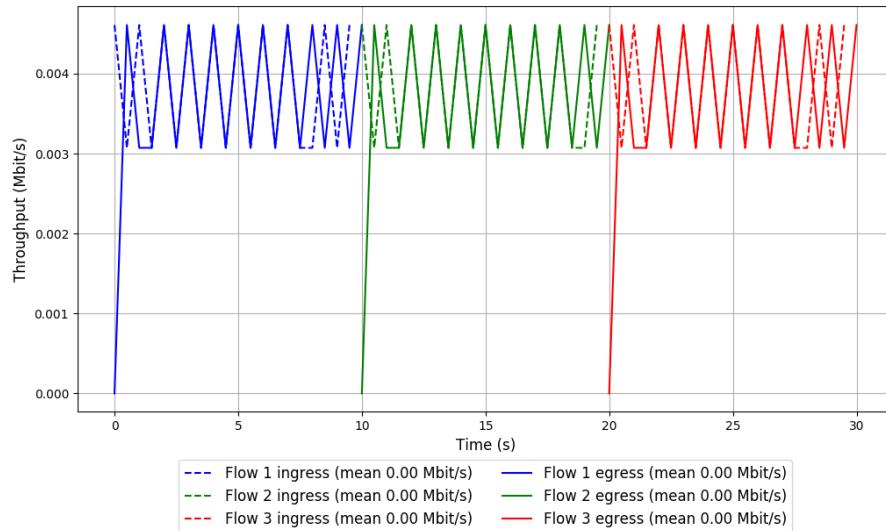


Run 3: Statistics of FillP-Sheep

```
Start at: 2018-06-29 23:09:14
End at: 2018-06-29 23:09:44
Local clock offset: 4.709 ms
Remote clock offset: -11.335 ms

# Below is generated by plot.py at 2018-06-30 04:53:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 64.839 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 64.865 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 64.678 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 64.718 ms
Loss rate: 0.00%
```

Run 3: Report of FillP-Sheep — Data Link

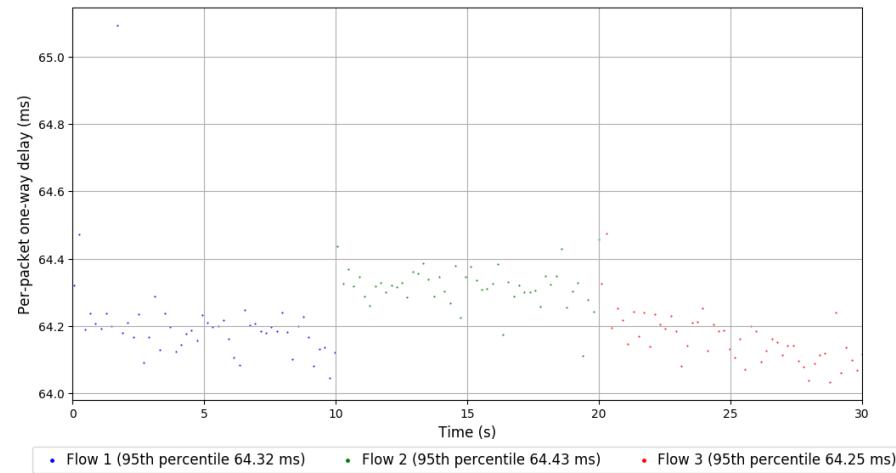
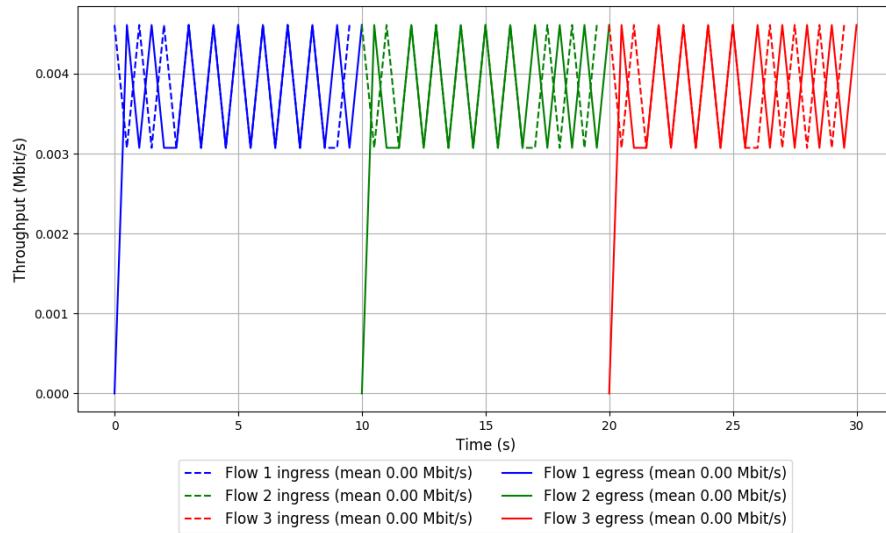


Run 4: Statistics of FillP-Sheep

```
Start at: 2018-06-29 23:56:34
End at: 2018-06-29 23:57:04
Local clock offset: 1.658 ms
Remote clock offset: -13.375 ms

# Below is generated by plot.py at 2018-06-30 04:53:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 64.385 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 64.322 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 64.430 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 64.253 ms
Loss rate: 0.00%
```

Run 4: Report of FillP-Sheep — Data Link

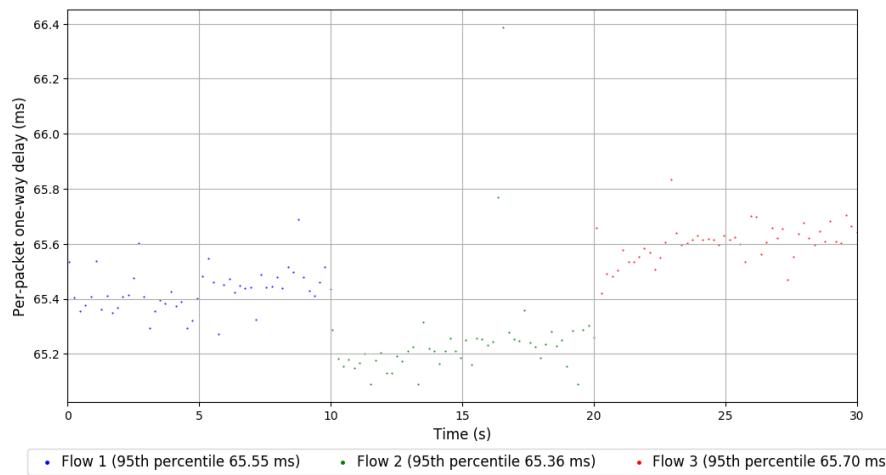
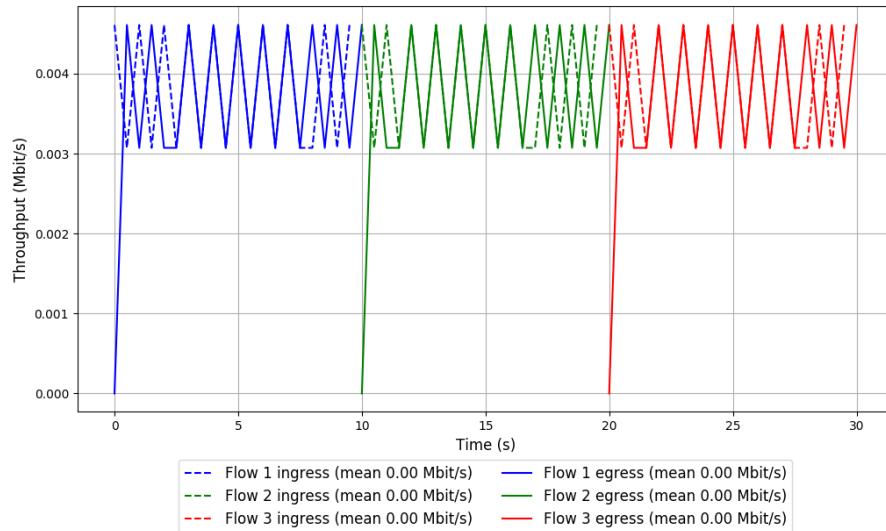


Run 5: Statistics of FillP-Sheep

```
Start at: 2018-06-30 00:46:25
End at: 2018-06-30 00:46:55
Local clock offset: -0.066 ms
Remote clock offset: -8.648 ms

# Below is generated by plot.py at 2018-06-30 04:53:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 65.684 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 65.548 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 65.359 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 65.702 ms
Loss rate: 0.00%
```

Run 5: Report of FillP-Sheep — Data Link

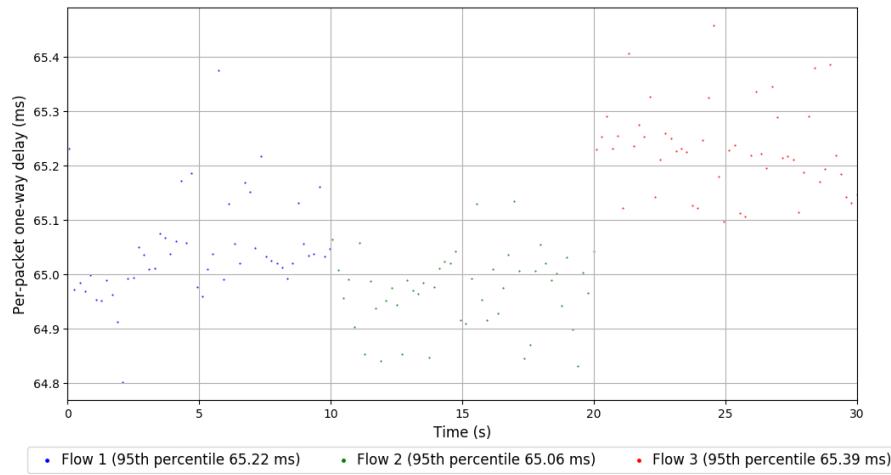
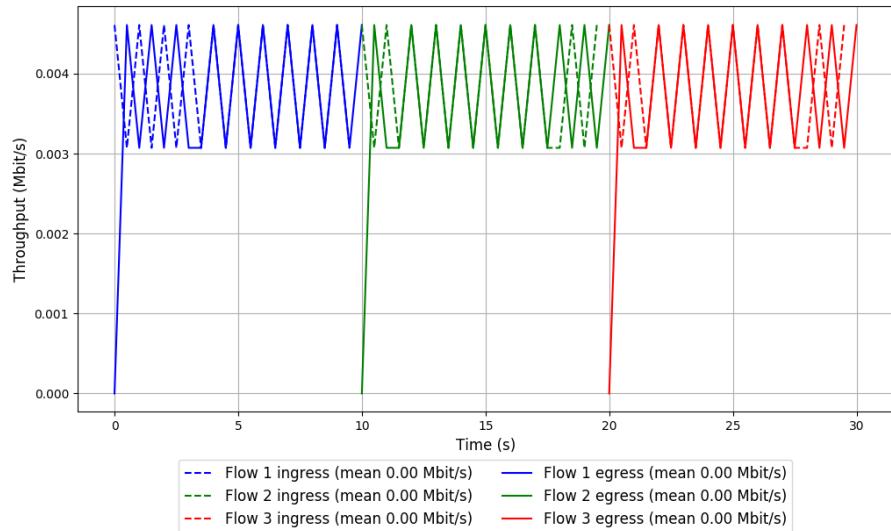


Run 6: Statistics of FillP-Sheep

```
Start at: 2018-06-30 01:34:31
End at: 2018-06-30 01:35:01
Local clock offset: -0.366 ms
Remote clock offset: -10.404 ms

# Below is generated by plot.py at 2018-06-30 04:53:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 65.327 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 65.218 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 65.065 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 65.386 ms
Loss rate: 0.00%
```

Run 6: Report of FillP-Sheep — Data Link

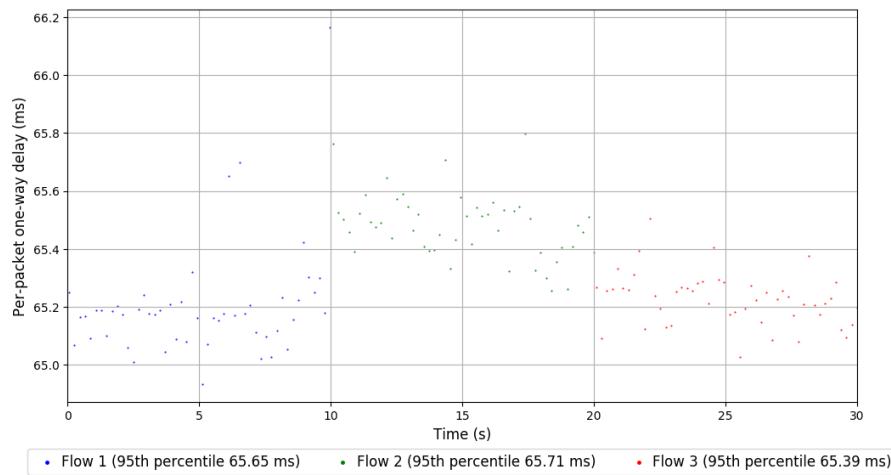
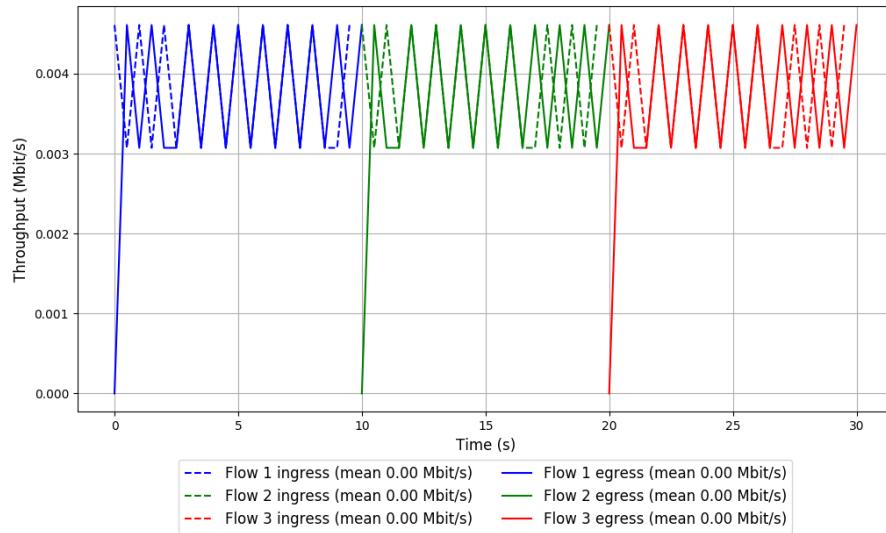


Run 7: Statistics of FillP-Sheep

```
Start at: 2018-06-30 02:21:15
End at: 2018-06-30 02:21:45
Local clock offset: 6.623 ms
Remote clock offset: -8.832 ms

# Below is generated by plot.py at 2018-06-30 04:53:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 65.591 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 65.650 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 65.707 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 65.393 ms
Loss rate: 0.00%
```

Run 7: Report of FillP-Sheep — Data Link

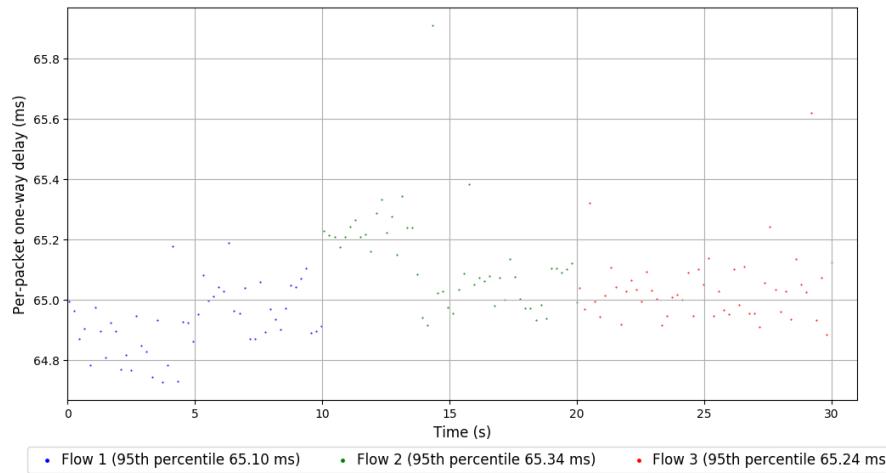
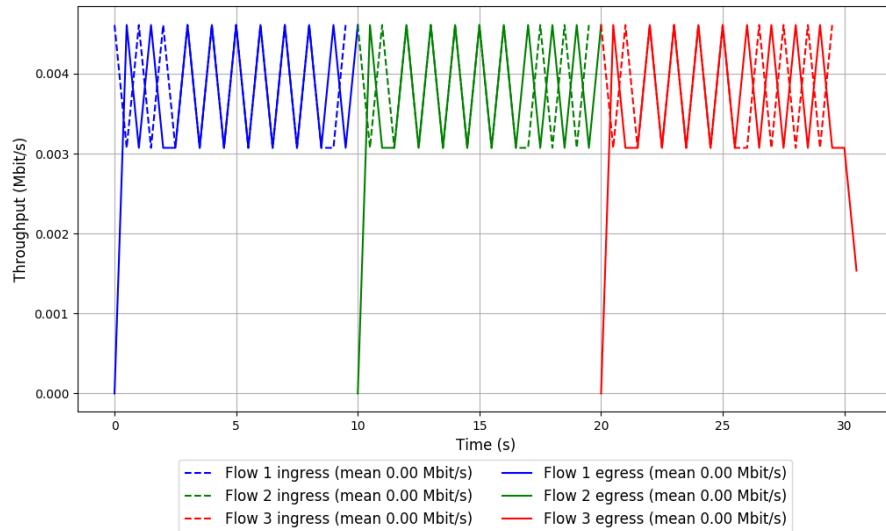


Run 8: Statistics of FillP-Sheep

```
Start at: 2018-06-30 03:07:27
End at: 2018-06-30 03:07:57
Local clock offset: -0.804 ms
Remote clock offset: -8.032 ms

# Below is generated by plot.py at 2018-06-30 04:53:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 65.276 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 65.103 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 65.343 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 65.242 ms
Loss rate: 0.00%
```

Run 8: Report of FillP-Sheep — Data Link

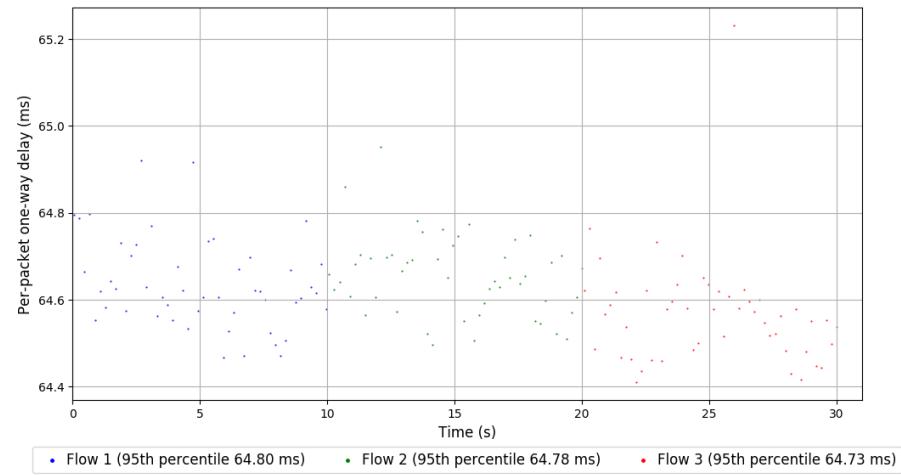
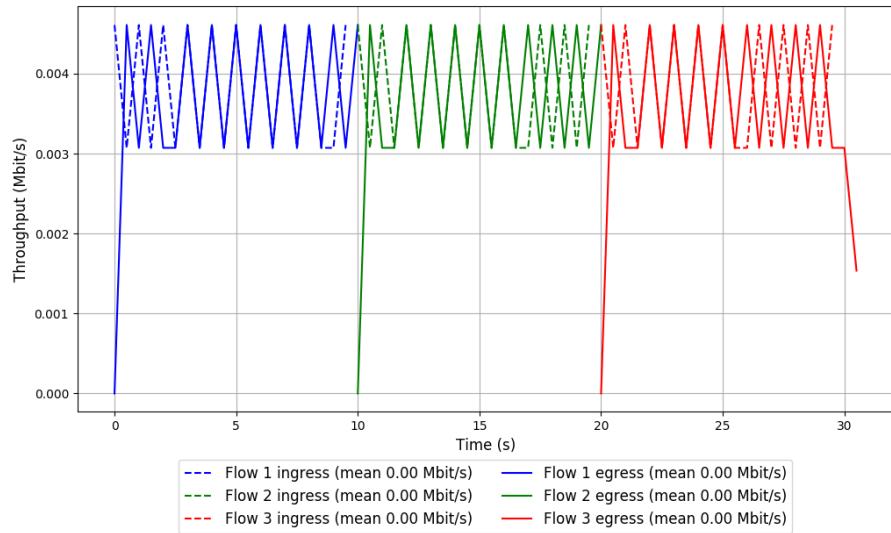


Run 9: Statistics of FillP-Sheep

```
Start at: 2018-06-30 03:50:44
End at: 2018-06-30 03:51:14
Local clock offset: 3.836 ms
Remote clock offset: -10.873 ms

# Below is generated by plot.py at 2018-06-30 04:53:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 64.788 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 64.797 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 64.782 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 64.732 ms
Loss rate: 0.00%
```

Run 9: Report of FillP-Sheep — Data Link

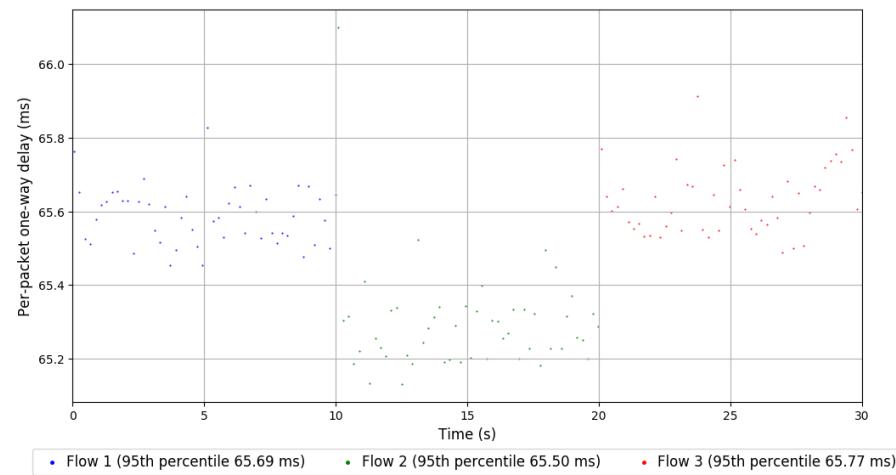
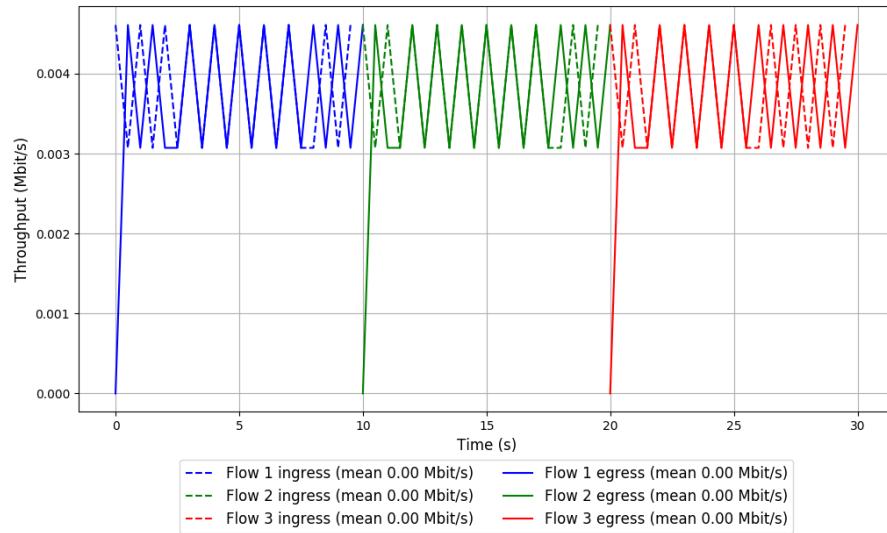


Run 10: Statistics of FillP-Sheep

```
Start at: 2018-06-30 04:36:12
End at: 2018-06-30 04:36:42
Local clock offset: 8.079 ms
Remote clock offset: -9.193 ms

# Below is generated by plot.py at 2018-06-30 04:53:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 65.755 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 65.690 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 65.496 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 65.769 ms
Loss rate: 0.00%
```

Run 10: Report of FillP-Sheep — Data Link

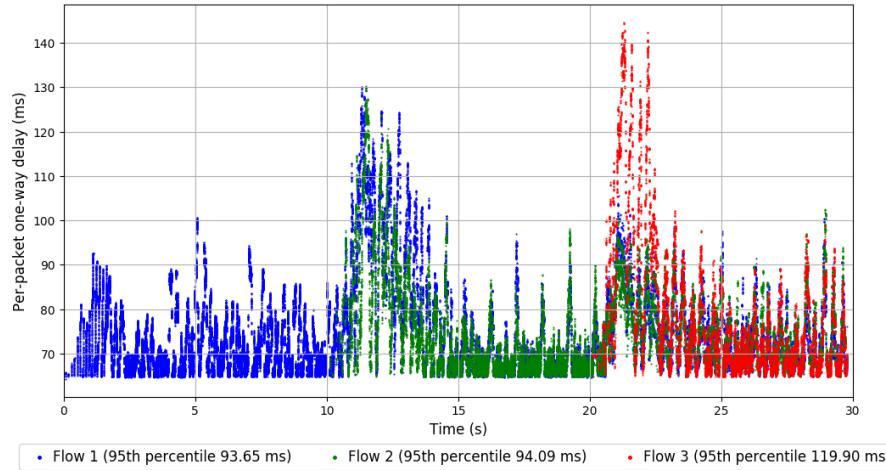
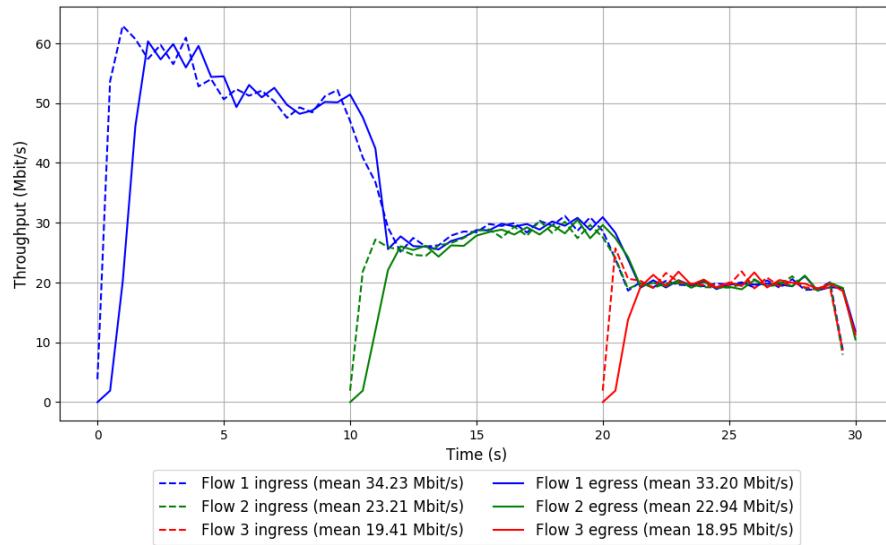


Run 1: Statistics of Indigo

```
Start at: 2018-06-29 21:08:55
End at: 2018-06-29 21:09:25
Local clock offset: -0.068 ms
Remote clock offset: -9.696 ms

# Below is generated by plot.py at 2018-06-30 04:53:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 54.53 Mbit/s
95th percentile per-packet one-way delay: 96.188 ms
Loss rate: 2.40%
-- Flow 1:
Average throughput: 33.20 Mbit/s
95th percentile per-packet one-way delay: 93.648 ms
Loss rate: 2.98%
-- Flow 2:
Average throughput: 22.94 Mbit/s
95th percentile per-packet one-way delay: 94.090 ms
Loss rate: 1.13%
-- Flow 3:
Average throughput: 18.95 Mbit/s
95th percentile per-packet one-way delay: 119.898 ms
Loss rate: 2.36%
```

Run 1: Report of Indigo — Data Link

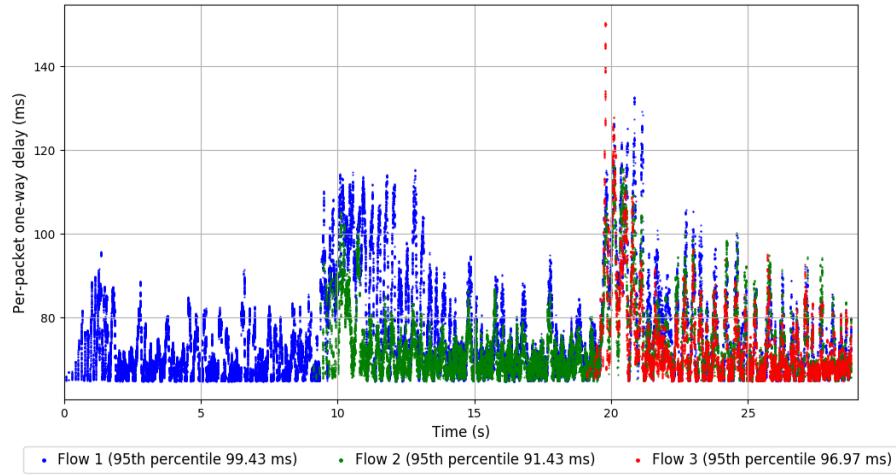
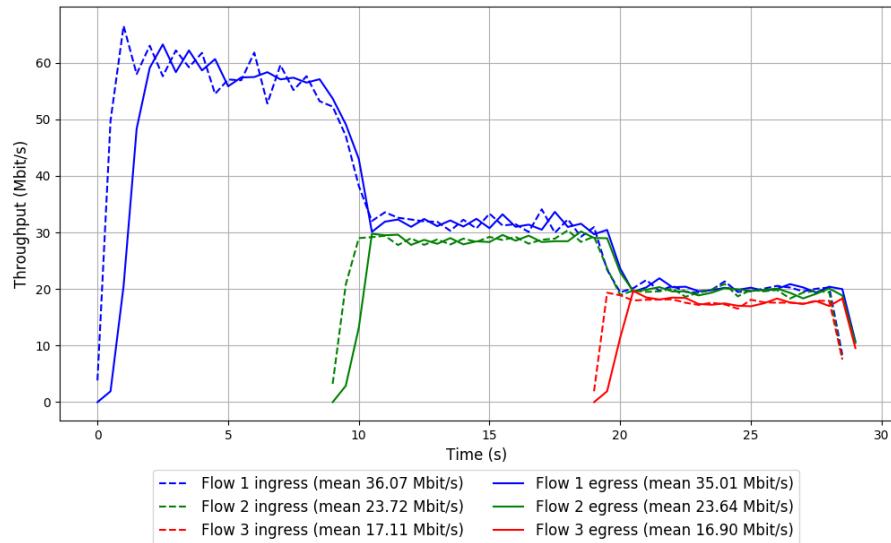


Run 2: Statistics of Indigo

```
Start at: 2018-06-29 21:58:18
End at: 2018-06-29 21:58:48
Local clock offset: 5.073 ms
Remote clock offset: -9.47 ms

# Below is generated by plot.py at 2018-06-30 04:53:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 56.88 Mbit/s
95th percentile per-packet one-way delay: 97.080 ms
Loss rate: 2.05%
-- Flow 1:
Average throughput: 35.01 Mbit/s
95th percentile per-packet one-way delay: 99.428 ms
Loss rate: 2.94%
-- Flow 2:
Average throughput: 23.64 Mbit/s
95th percentile per-packet one-way delay: 91.428 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 16.90 Mbit/s
95th percentile per-packet one-way delay: 96.975 ms
Loss rate: 1.31%
```

Run 2: Report of Indigo — Data Link

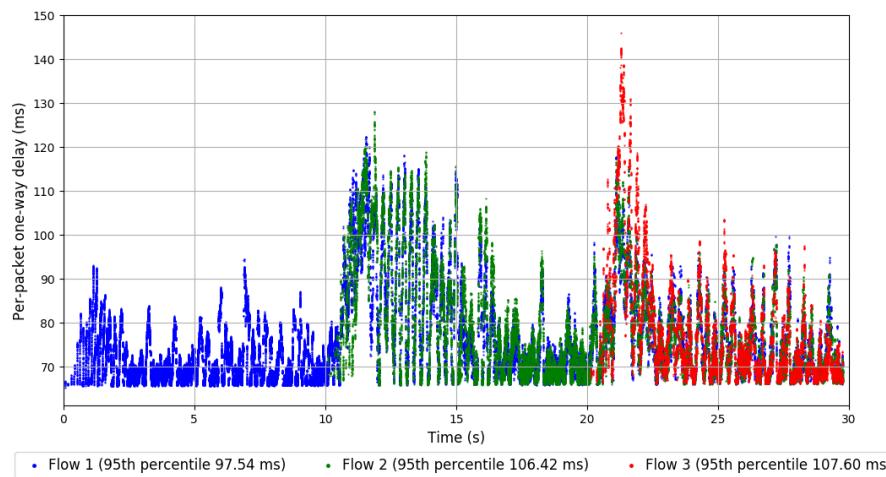
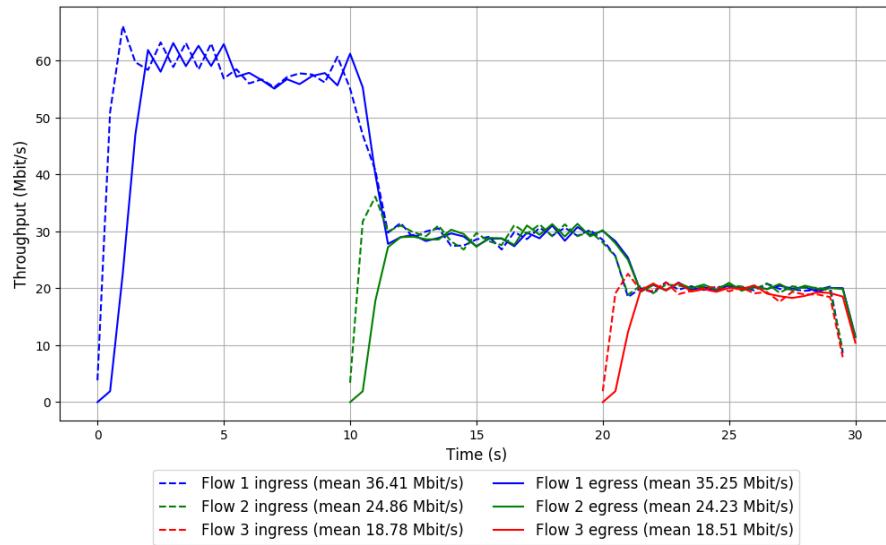


Run 3: Statistics of Indigo

```
Start at: 2018-06-29 22:46:37
End at: 2018-06-29 22:47:07
Local clock offset: -4.658 ms
Remote clock offset: -8.793 ms

# Below is generated by plot.py at 2018-06-30 04:53:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 57.30 Mbit/s
95th percentile per-packet one-way delay: 102.664 ms
Loss rate: 2.81%
-- Flow 1:
Average throughput: 35.25 Mbit/s
95th percentile per-packet one-way delay: 97.544 ms
Loss rate: 3.15%
-- Flow 2:
Average throughput: 24.23 Mbit/s
95th percentile per-packet one-way delay: 106.419 ms
Loss rate: 2.57%
-- Flow 3:
Average throughput: 18.51 Mbit/s
95th percentile per-packet one-way delay: 107.596 ms
Loss rate: 1.45%
```

Run 3: Report of Indigo — Data Link

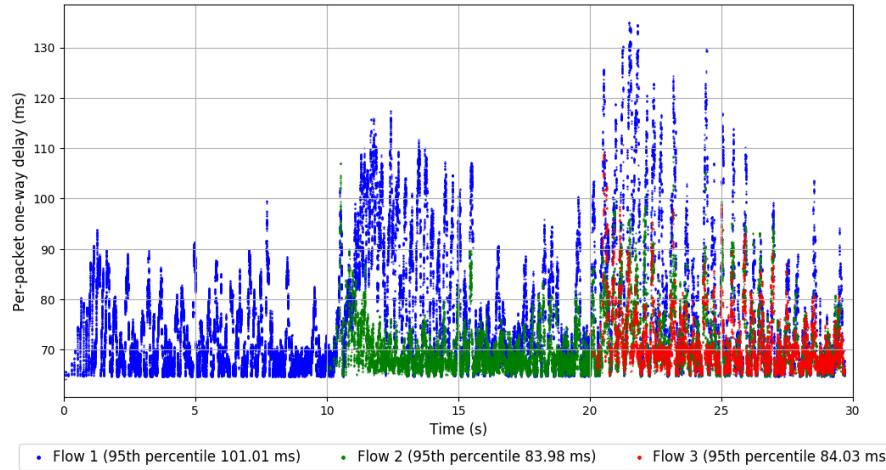
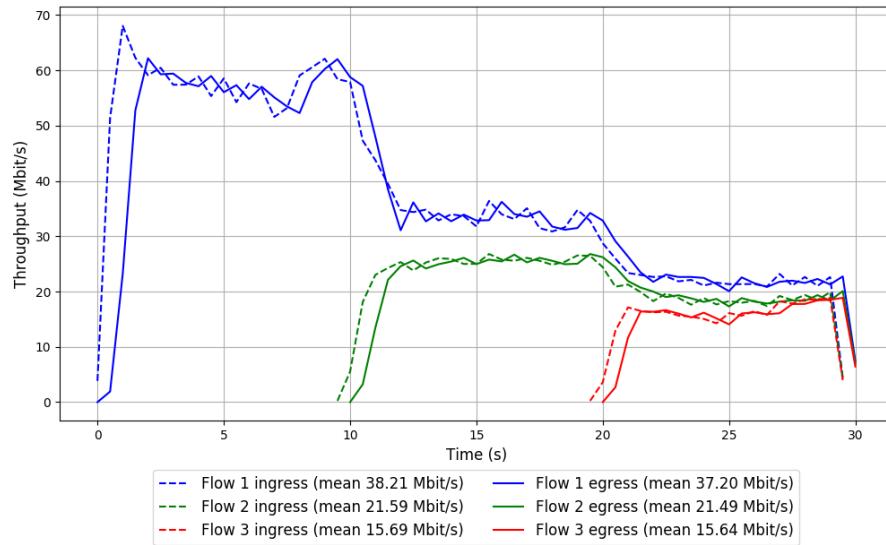


Run 4: Statistics of Indigo

```
Start at: 2018-06-29 23:33:23
End at: 2018-06-29 23:33:53
Local clock offset: 4.991 ms
Remote clock offset: -12.487 ms

# Below is generated by plot.py at 2018-06-30 04:53:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 56.56 Mbit/s
95th percentile per-packet one-way delay: 96.238 ms
Loss rate: 1.90%
-- Flow 1:
Average throughput: 37.20 Mbit/s
95th percentile per-packet one-way delay: 101.012 ms
Loss rate: 2.63%
-- Flow 2:
Average throughput: 21.49 Mbit/s
95th percentile per-packet one-way delay: 83.981 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 15.64 Mbit/s
95th percentile per-packet one-way delay: 84.029 ms
Loss rate: 0.32%
```

Run 4: Report of Indigo — Data Link

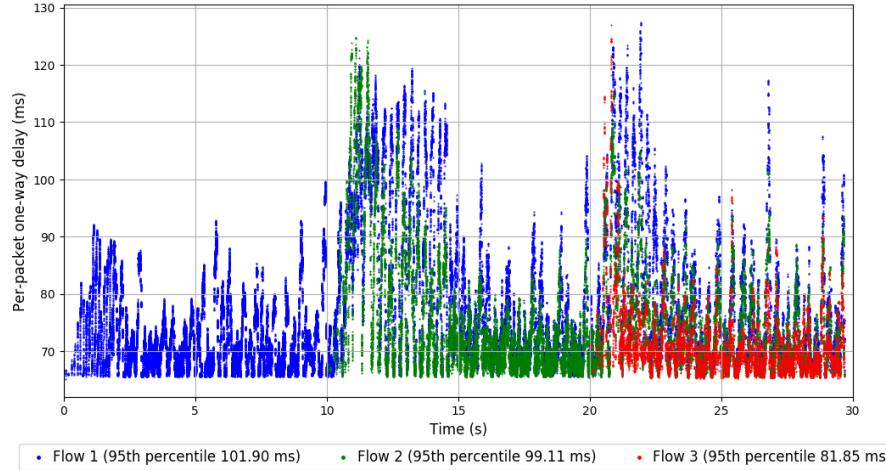
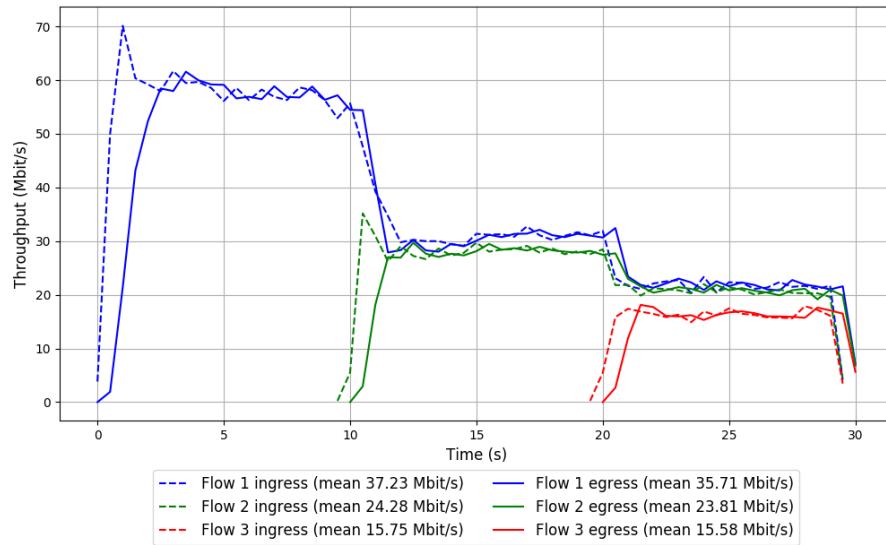


Run 5: Statistics of Indigo

```
Start at: 2018-06-30 00:21:40
End at: 2018-06-30 00:22:10
Local clock offset: -0.106 ms
Remote clock offset: -8.131 ms

# Below is generated by plot.py at 2018-06-30 04:53:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 56.59 Mbit/s
95th percentile per-packet one-way delay: 100.166 ms
Loss rate: 3.24%
-- Flow 1:
Average throughput: 35.71 Mbit/s
95th percentile per-packet one-way delay: 101.899 ms
Loss rate: 4.09%
-- Flow 2:
Average throughput: 23.81 Mbit/s
95th percentile per-packet one-way delay: 99.113 ms
Loss rate: 1.94%
-- Flow 3:
Average throughput: 15.58 Mbit/s
95th percentile per-packet one-way delay: 81.852 ms
Loss rate: 1.14%
```

Run 5: Report of Indigo — Data Link

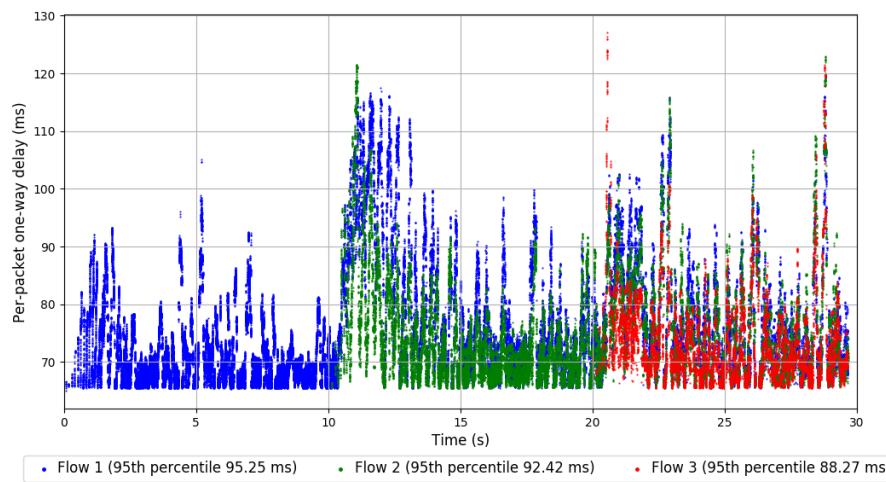
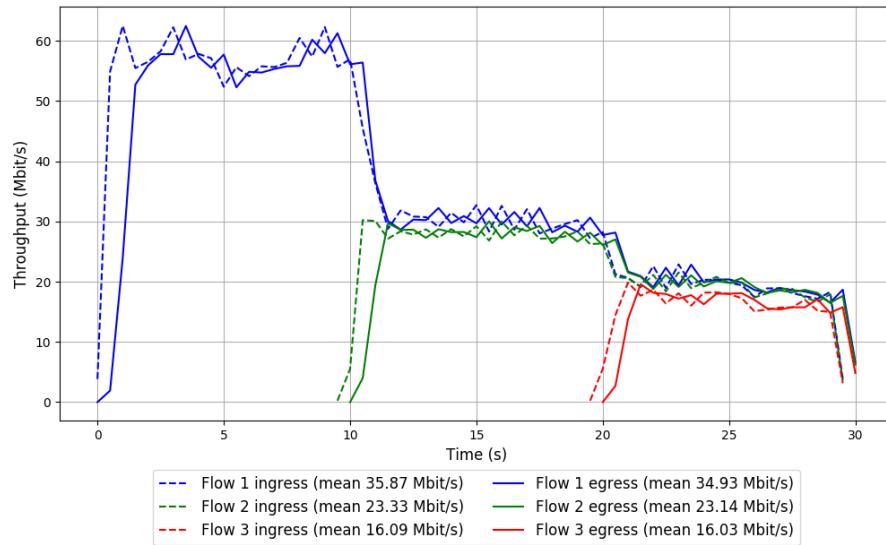


Run 6: Statistics of Indigo

```
Start at: 2018-06-30 01:10:48
End at: 2018-06-30 01:11:18
Local clock offset: 5.419 ms
Remote clock offset: -9.342 ms

# Below is generated by plot.py at 2018-06-30 04:53:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 55.52 Mbit/s
95th percentile per-packet one-way delay: 93.870 ms
Loss rate: 1.91%
-- Flow 1:
Average throughput: 34.93 Mbit/s
95th percentile per-packet one-way delay: 95.252 ms
Loss rate: 2.62%
-- Flow 2:
Average throughput: 23.14 Mbit/s
95th percentile per-packet one-way delay: 92.417 ms
Loss rate: 0.75%
-- Flow 3:
Average throughput: 16.03 Mbit/s
95th percentile per-packet one-way delay: 88.272 ms
Loss rate: 0.41%
```

Run 6: Report of Indigo — Data Link

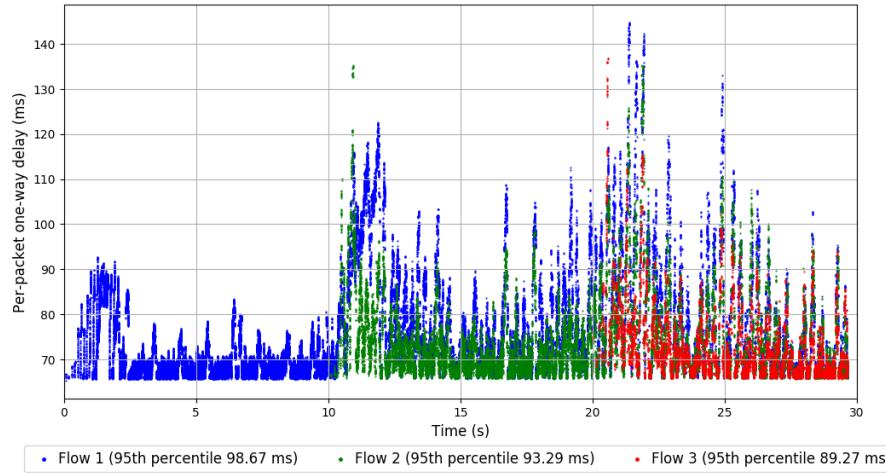
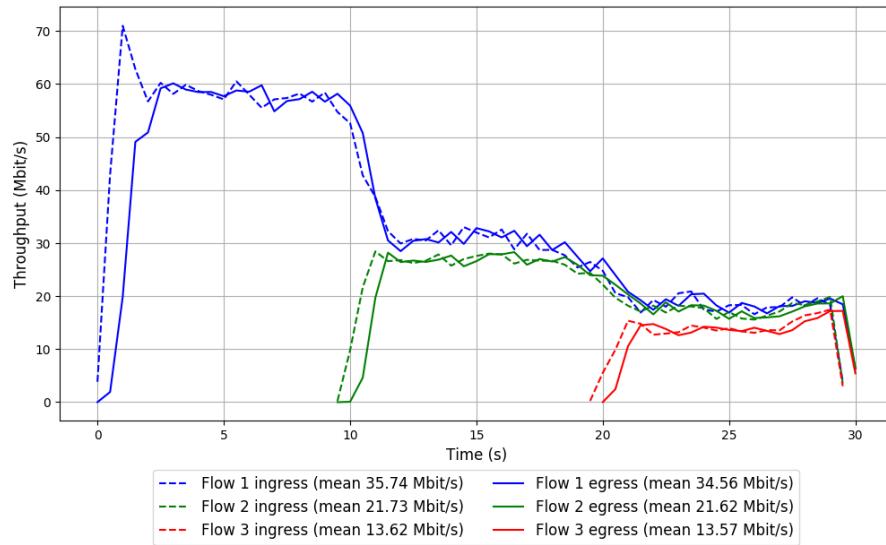


Run 7: Statistics of Indigo

```
Start at: 2018-06-30 01:58:03
End at: 2018-06-30 01:58:33
Local clock offset: 3.434 ms
Remote clock offset: -10.594 ms

# Below is generated by plot.py at 2018-06-30 04:53:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.35 Mbit/s
95th percentile per-packet one-way delay: 96.836 ms
Loss rate: 2.32%
-- Flow 1:
Average throughput: 34.56 Mbit/s
95th percentile per-packet one-way delay: 98.670 ms
Loss rate: 3.31%
-- Flow 2:
Average throughput: 21.62 Mbit/s
95th percentile per-packet one-way delay: 93.294 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 13.57 Mbit/s
95th percentile per-packet one-way delay: 89.272 ms
Loss rate: 0.40%
```

Run 7: Report of Indigo — Data Link

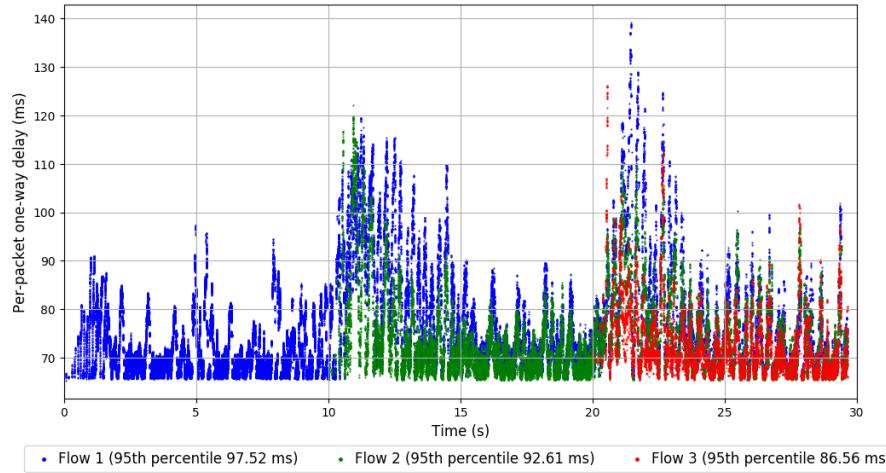
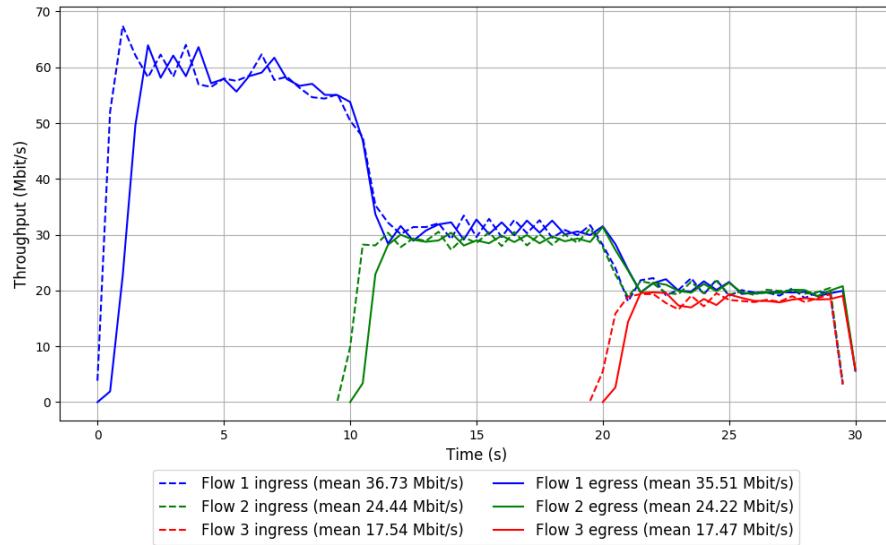


Run 8: Statistics of Indigo

```
Start at: 2018-06-30 02:43:52
End at: 2018-06-30 02:44:22
Local clock offset: 9.072 ms
Remote clock offset: -6.714 ms

# Below is generated by plot.py at 2018-06-30 04:53:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 57.27 Mbit/s
95th percentile per-packet one-way delay: 95.016 ms
Loss rate: 2.34%
-- Flow 1:
Average throughput: 35.51 Mbit/s
95th percentile per-packet one-way delay: 97.524 ms
Loss rate: 3.29%
-- Flow 2:
Average throughput: 24.22 Mbit/s
95th percentile per-packet one-way delay: 92.614 ms
Loss rate: 0.87%
-- Flow 3:
Average throughput: 17.47 Mbit/s
95th percentile per-packet one-way delay: 86.558 ms
Loss rate: 0.39%
```

Run 8: Report of Indigo — Data Link

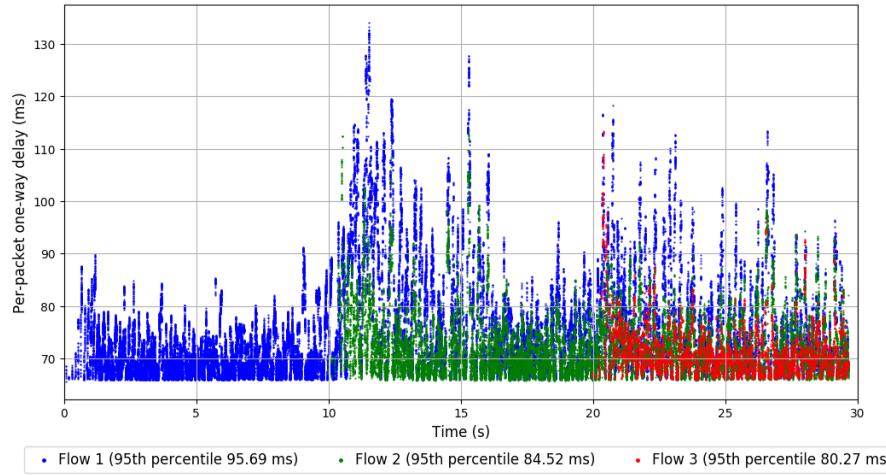
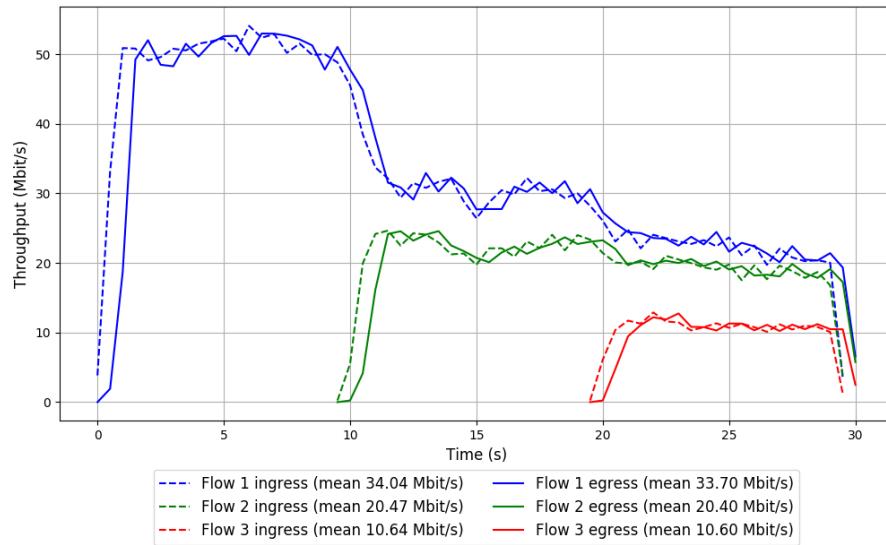


Run 9: Statistics of Indigo

```
Start at: 2018-06-30 03:28:40
End at: 2018-06-30 03:29:10
Local clock offset: 4.644 ms
Remote clock offset: -9.39 ms

# Below is generated by plot.py at 2018-06-30 04:53:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 50.70 Mbit/s
95th percentile per-packet one-way delay: 92.323 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 33.70 Mbit/s
95th percentile per-packet one-way delay: 95.690 ms
Loss rate: 1.01%
-- Flow 2:
Average throughput: 20.40 Mbit/s
95th percentile per-packet one-way delay: 84.524 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 10.60 Mbit/s
95th percentile per-packet one-way delay: 80.269 ms
Loss rate: 0.41%
```

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2018-06-30 04:13:47
End at: 2018-06-30 04:14:17
Local clock offset: -1.517 ms
Remote clock offset: -10.442 ms

Run 10: Report of Indigo — Data Link

Figure is missing

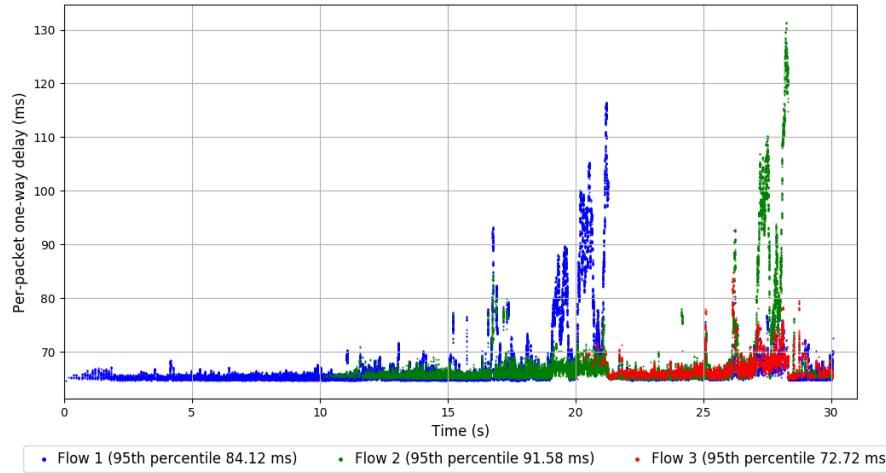
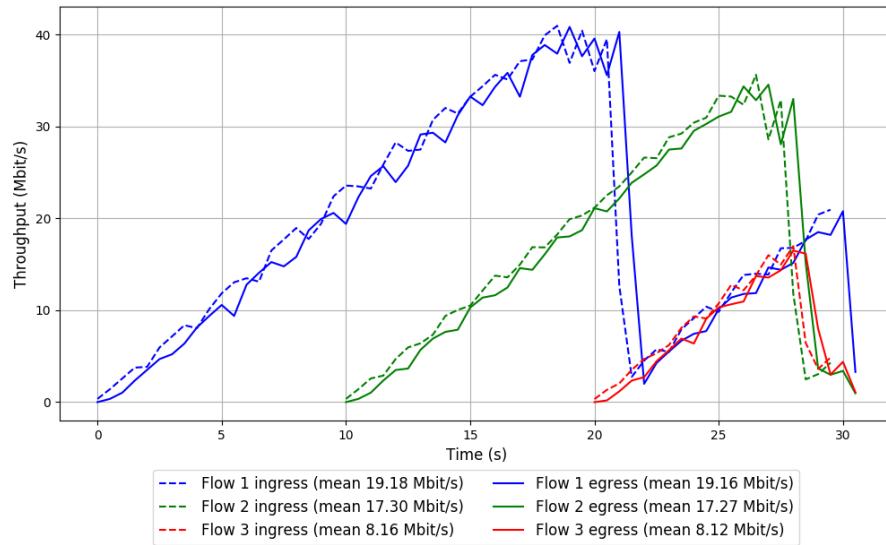
Figure is missing

Run 1: Statistics of LEDBAT

```
Start at: 2018-06-29 21:26:04
End at: 2018-06-29 21:26:34
Local clock offset: 2.346 ms
Remote clock offset: -10.322 ms

# Below is generated by plot.py at 2018-06-30 04:53:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 33.35 Mbit/s
95th percentile per-packet one-way delay: 84.902 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 19.16 Mbit/s
95th percentile per-packet one-way delay: 84.124 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 17.27 Mbit/s
95th percentile per-packet one-way delay: 91.583 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 8.12 Mbit/s
95th percentile per-packet one-way delay: 72.716 ms
Loss rate: 0.45%
```

Run 1: Report of LEDBAT — Data Link

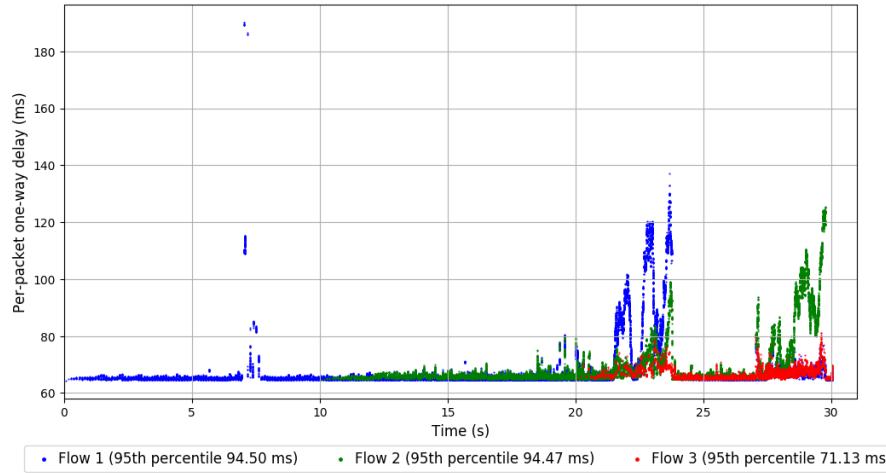
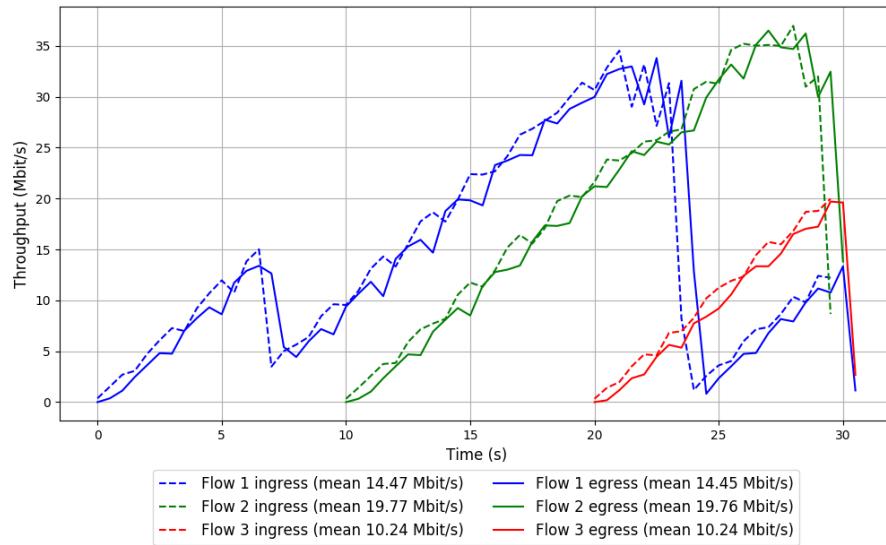


Run 2: Statistics of LEDBAT

```
Start at: 2018-06-29 22:14:32
End at: 2018-06-29 22:15:02
Local clock offset: 6.051 ms
Remote clock offset: -9.179 ms

# Below is generated by plot.py at 2018-06-30 04:53:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 30.96 Mbit/s
95th percentile per-packet one-way delay: 93.141 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 14.45 Mbit/s
95th percentile per-packet one-way delay: 94.499 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 19.76 Mbit/s
95th percentile per-packet one-way delay: 94.473 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 10.24 Mbit/s
95th percentile per-packet one-way delay: 71.129 ms
Loss rate: 0.00%
```

Run 2: Report of LEDBAT — Data Link

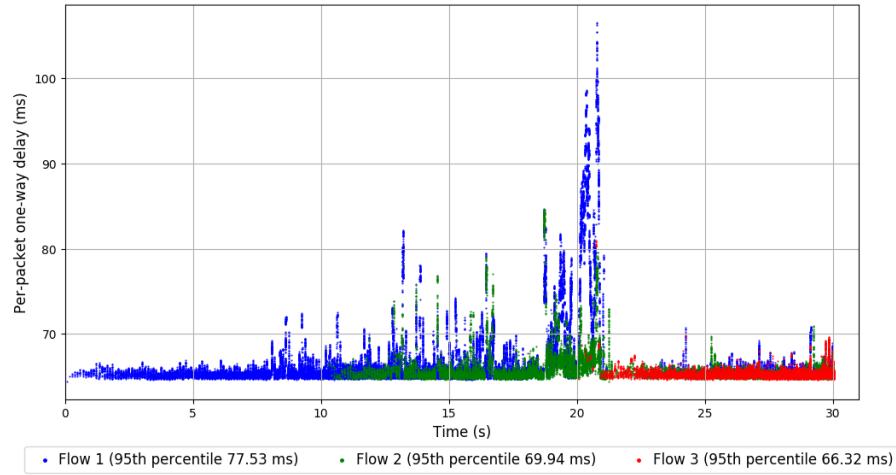
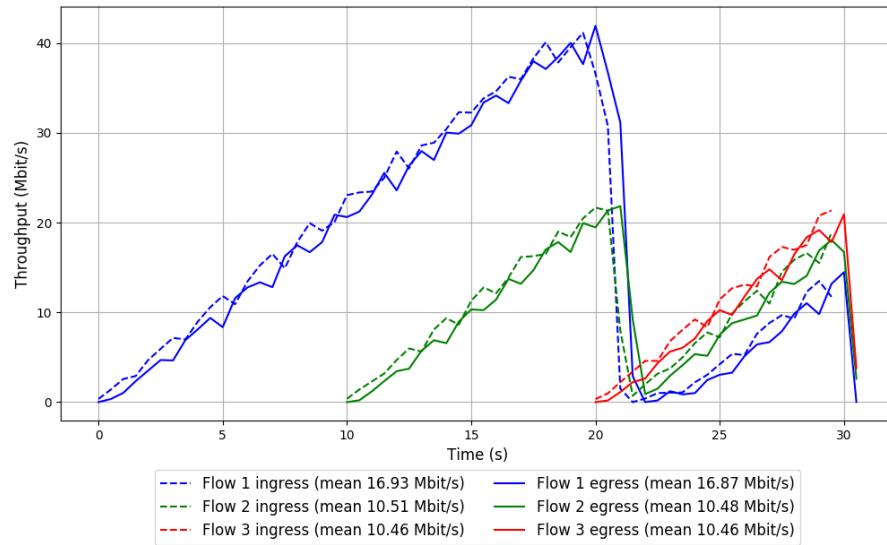


Run 3: Statistics of LEDBAT

```
Start at: 2018-06-29 23:01:59
End at: 2018-06-29 23:02:29
Local clock offset: 3.724 ms
Remote clock offset: -10.917 ms

# Below is generated by plot.py at 2018-06-30 04:53:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 27.32 Mbit/s
95th percentile per-packet one-way delay: 74.400 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 16.87 Mbit/s
95th percentile per-packet one-way delay: 77.527 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 10.48 Mbit/s
95th percentile per-packet one-way delay: 69.942 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 10.46 Mbit/s
95th percentile per-packet one-way delay: 66.320 ms
Loss rate: 0.01%
```

Run 3: Report of LEDBAT — Data Link

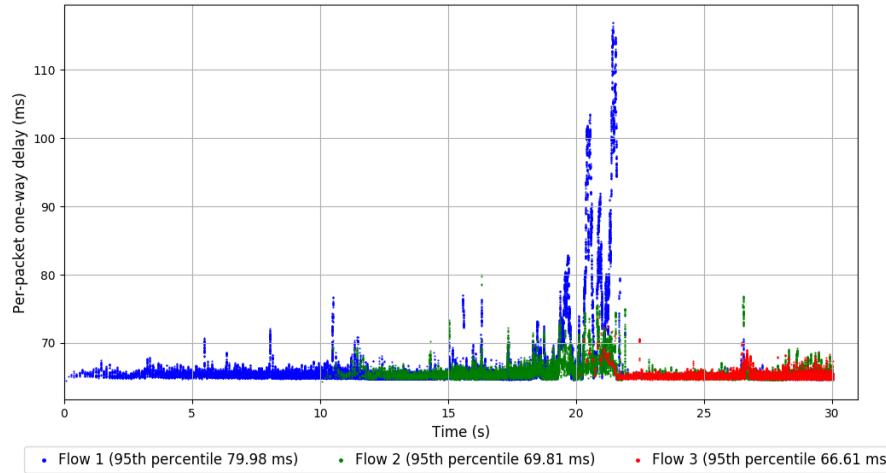
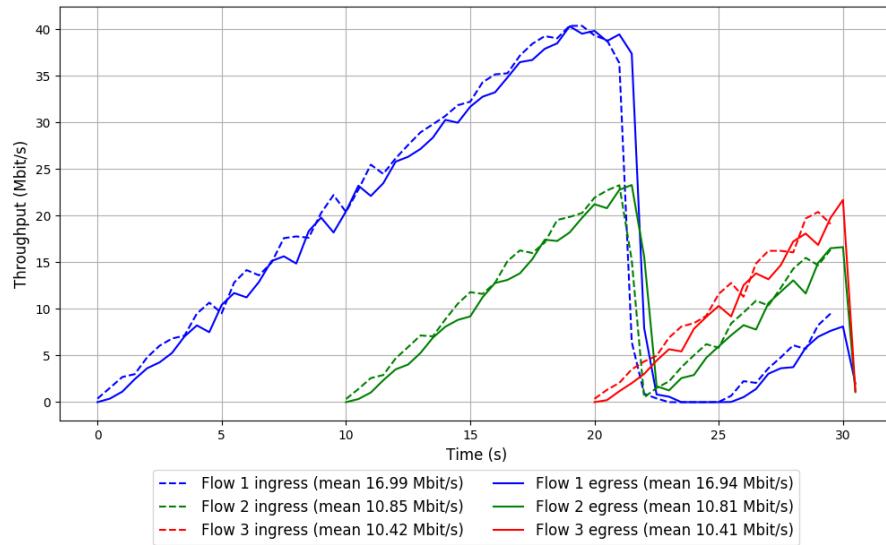


Run 4: Statistics of LEDBAT

```
Start at: 2018-06-29 23:49:06
End at: 2018-06-29 23:49:36
Local clock offset: 3.65 ms
Remote clock offset: -13.076 ms

# Below is generated by plot.py at 2018-06-30 04:53:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 27.57 Mbit/s
95th percentile per-packet one-way delay: 74.709 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 16.94 Mbit/s
95th percentile per-packet one-way delay: 79.976 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 10.81 Mbit/s
95th percentile per-packet one-way delay: 69.810 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 10.41 Mbit/s
95th percentile per-packet one-way delay: 66.611 ms
Loss rate: 0.01%
```

Run 4: Report of LEDBAT — Data Link

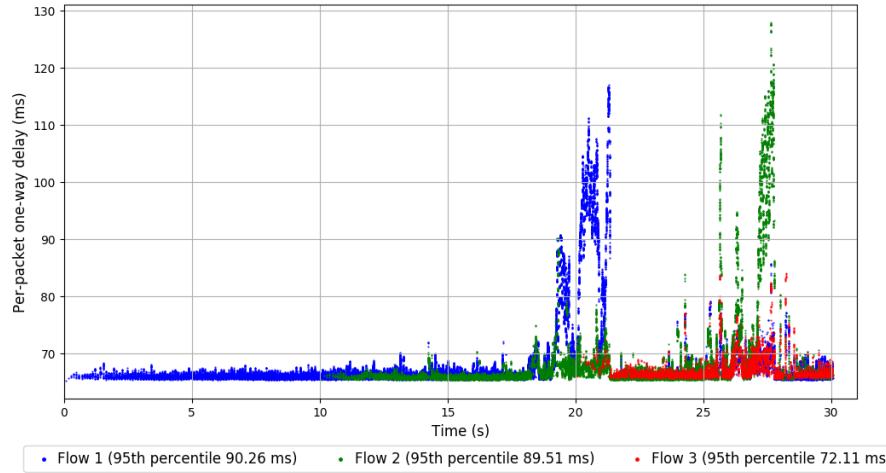
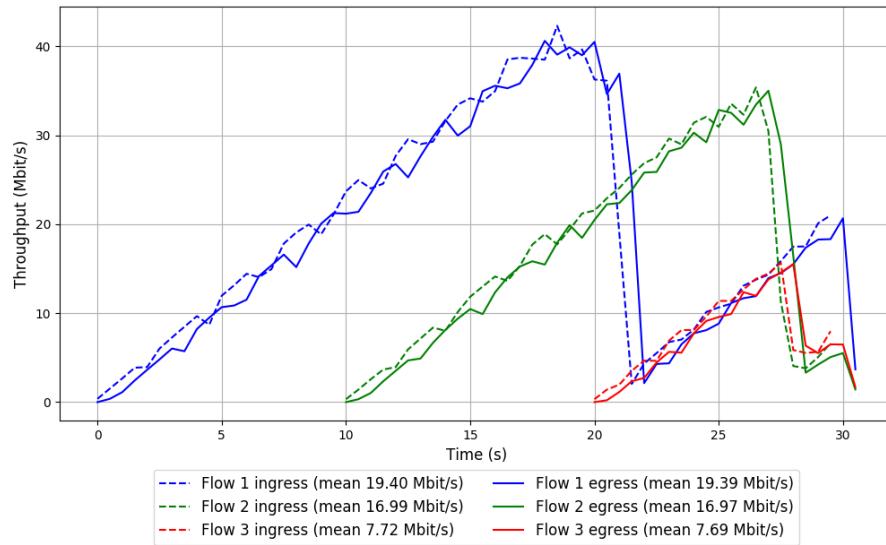


Run 5: Statistics of LEDBAT

```
Start at: 2018-06-30 00:38:22
End at: 2018-06-30 00:38:52
Local clock offset: -0.643 ms
Remote clock offset: -8.446 ms

# Below is generated by plot.py at 2018-06-30 04:53:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 33.23 Mbit/s
95th percentile per-packet one-way delay: 88.072 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 19.39 Mbit/s
95th percentile per-packet one-way delay: 90.263 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 16.97 Mbit/s
95th percentile per-packet one-way delay: 89.510 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 7.69 Mbit/s
95th percentile per-packet one-way delay: 72.109 ms
Loss rate: 0.37%
```

Run 5: Report of LEDBAT — Data Link

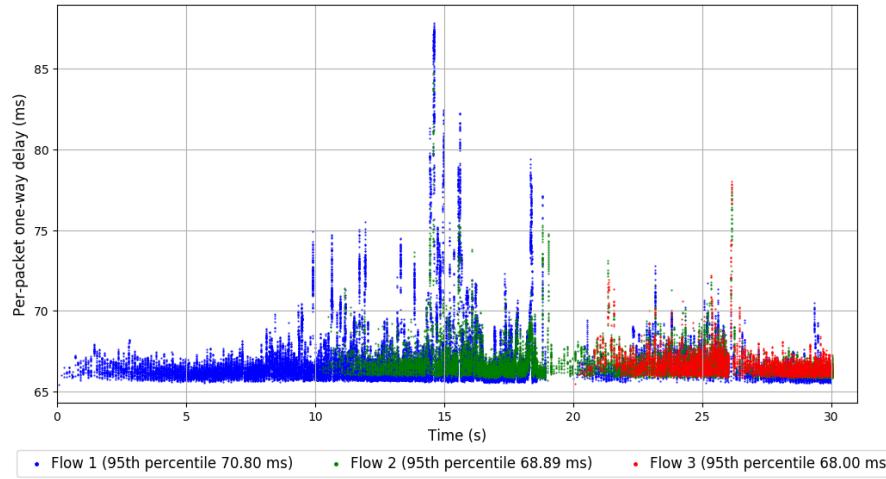
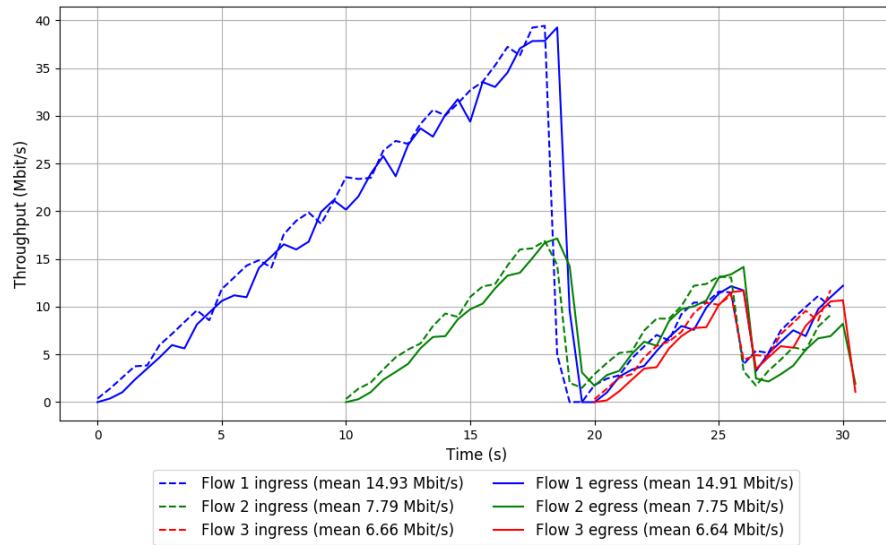


Run 6: Statistics of LEDBAT

```
Start at: 2018-06-30 01:27:03
End at: 2018-06-30 01:27:33
Local clock offset: 0.772 ms
Remote clock offset: -9.972 ms

# Below is generated by plot.py at 2018-06-30 04:53:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 22.24 Mbit/s
95th percentile per-packet one-way delay: 69.878 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 14.91 Mbit/s
95th percentile per-packet one-way delay: 70.804 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 7.75 Mbit/s
95th percentile per-packet one-way delay: 68.894 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 6.64 Mbit/s
95th percentile per-packet one-way delay: 67.998 ms
Loss rate: 0.32%
```

Run 6: Report of LEDBAT — Data Link

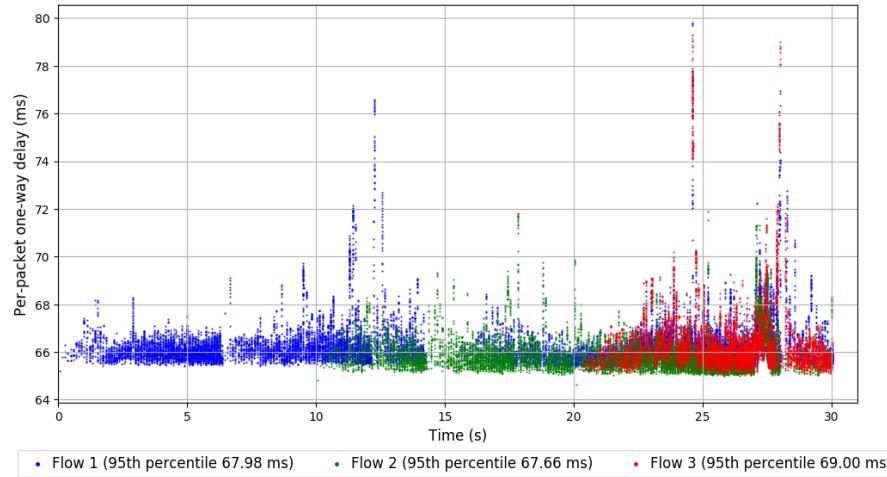
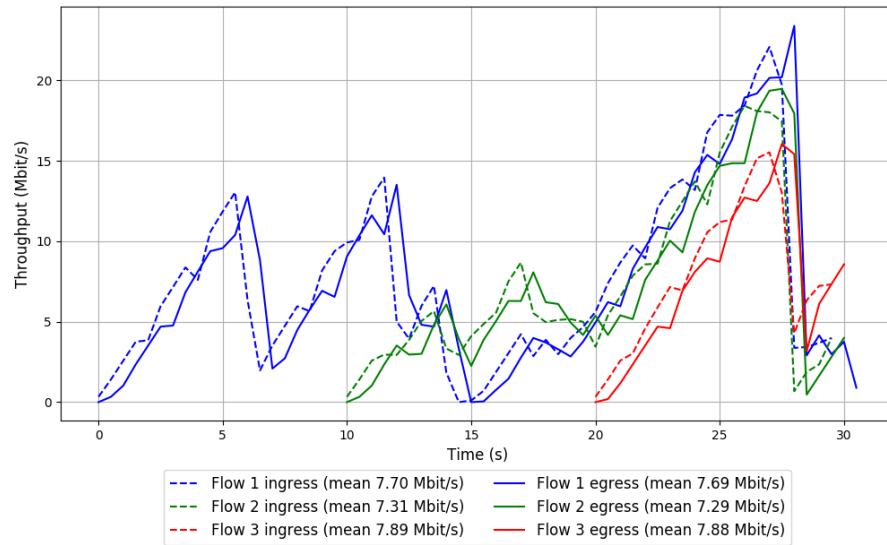


Run 7: Statistics of LEDBAT

```
Start at: 2018-06-30 02:14:15
End at: 2018-06-30 02:14:45
Local clock offset: 5.368 ms
Remote clock offset: -10.359 ms

# Below is generated by plot.py at 2018-06-30 04:53:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 15.14 Mbit/s
95th percentile per-packet one-way delay: 68.017 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 7.69 Mbit/s
95th percentile per-packet one-way delay: 67.979 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 7.29 Mbit/s
95th percentile per-packet one-way delay: 67.661 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 7.88 Mbit/s
95th percentile per-packet one-way delay: 68.995 ms
Loss rate: 0.06%
```

Run 7: Report of LEDBAT — Data Link

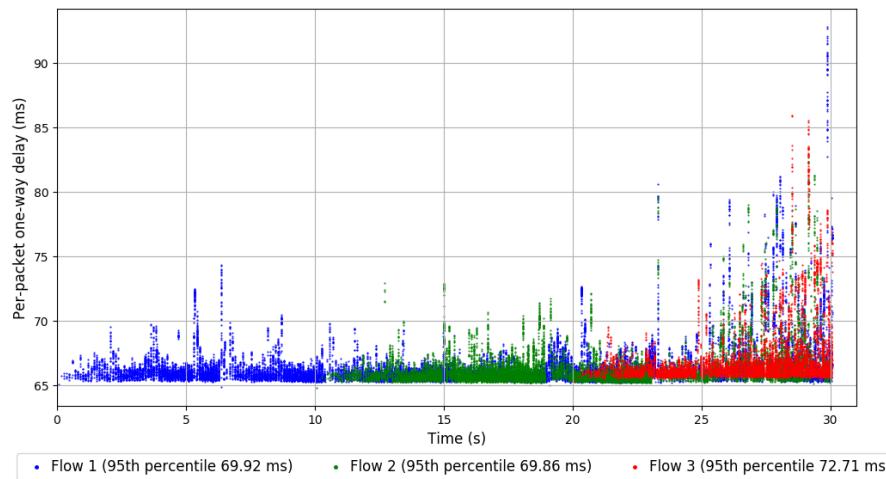
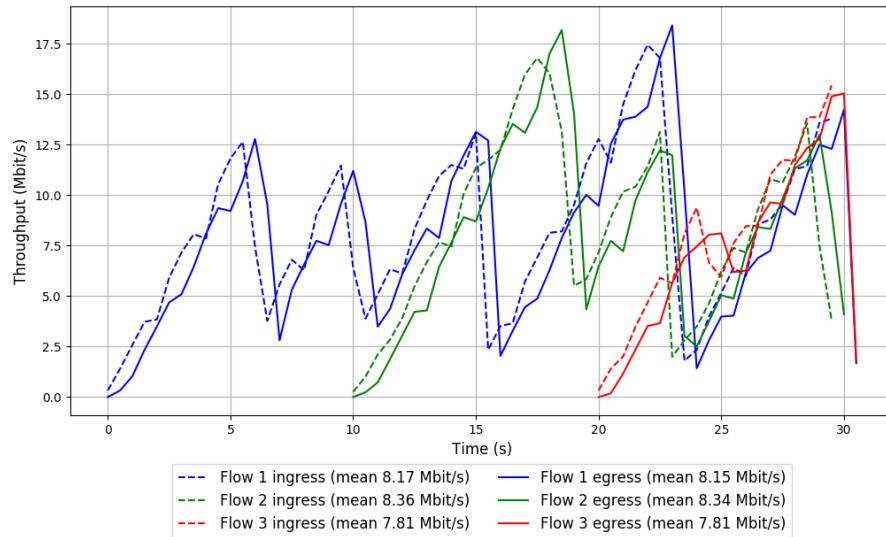


Run 8: Statistics of LEDBAT

```
Start at: 2018-06-30 03:00:08
End at: 2018-06-30 03:00:38
Local clock offset: 0.533 ms
Remote clock offset: -7.887 ms

# Below is generated by plot.py at 2018-06-30 04:53:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 16.28 Mbit/s
95th percentile per-packet one-way delay: 70.456 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 8.15 Mbit/s
95th percentile per-packet one-way delay: 69.924 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 8.34 Mbit/s
95th percentile per-packet one-way delay: 69.858 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 7.81 Mbit/s
95th percentile per-packet one-way delay: 72.713 ms
Loss rate: 0.02%
```

Run 8: Report of LEDBAT — Data Link

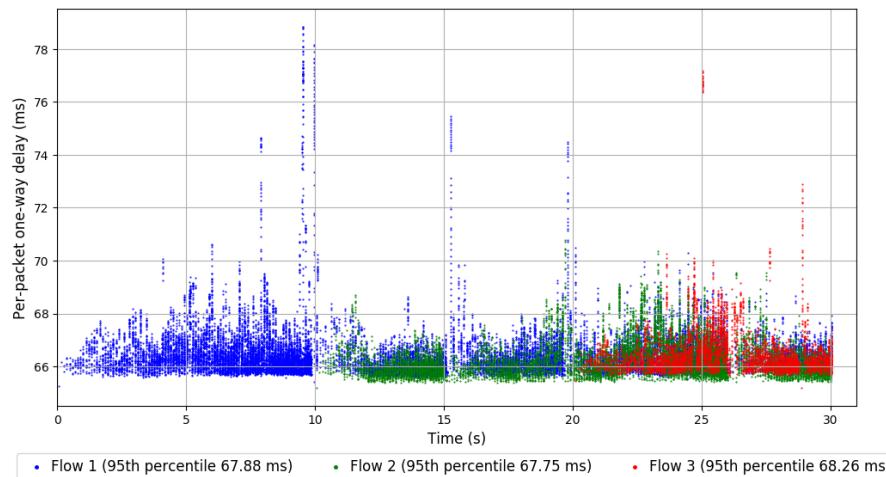
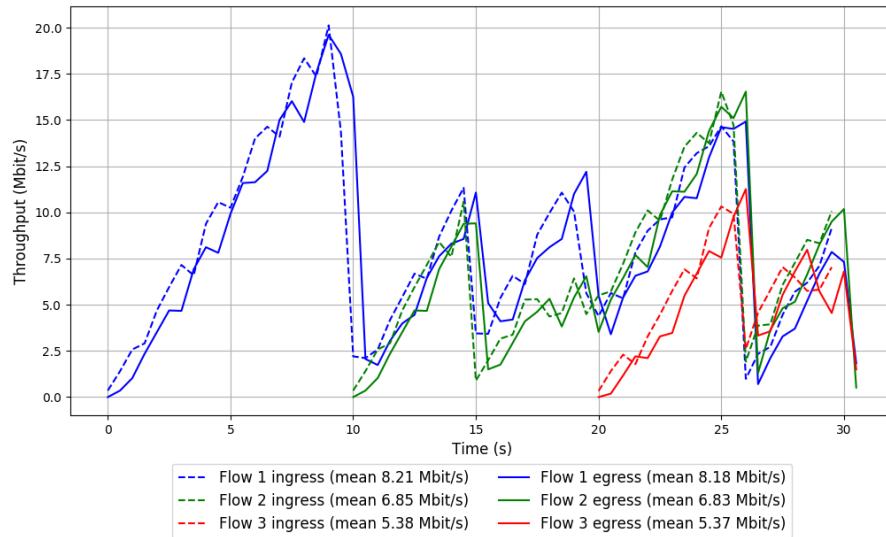


Run 9: Statistics of LEDBAT

```
Start at: 2018-06-30 03:43:29
End at: 2018-06-30 03:43:59
Local clock offset: 7.023 ms
Remote clock offset: -10.728 ms

# Below is generated by plot.py at 2018-06-30 04:53:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 14.50 Mbit/s
95th percentile per-packet one-way delay: 67.883 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 8.18 Mbit/s
95th percentile per-packet one-way delay: 67.881 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 6.83 Mbit/s
95th percentile per-packet one-way delay: 67.750 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 5.37 Mbit/s
95th percentile per-packet one-way delay: 68.262 ms
Loss rate: 0.24%
```

Run 9: Report of LEDBAT — Data Link

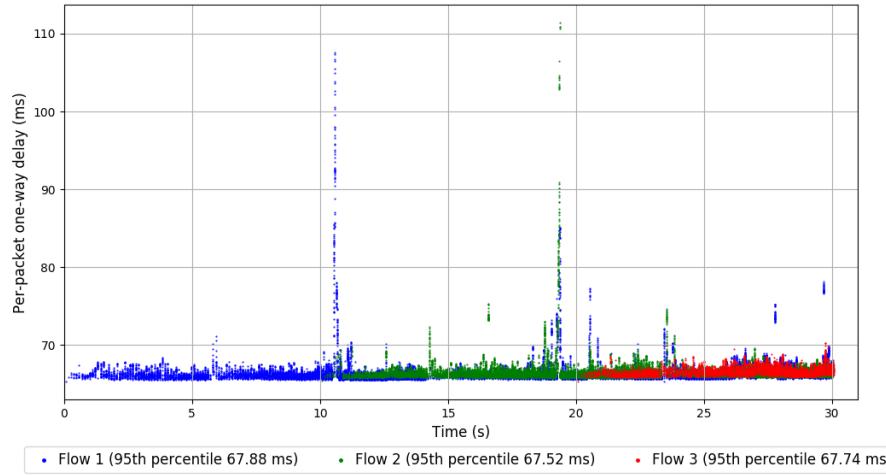
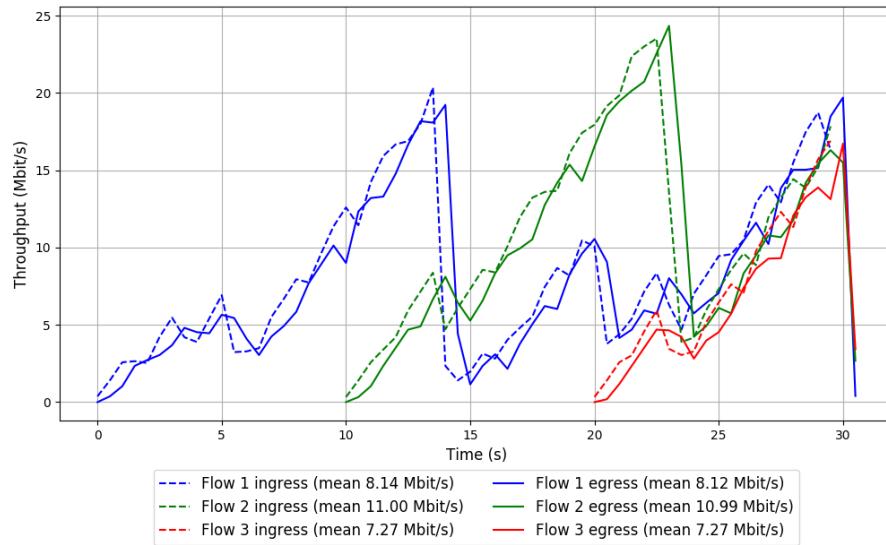


Run 10: Statistics of LEDBAT

```
Start at: 2018-06-30 04:29:01
End at: 2018-06-30 04:29:31
Local clock offset: 6.36 ms
Remote clock offset: -10.509 ms

# Below is generated by plot.py at 2018-06-30 04:53:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 17.85 Mbit/s
95th percentile per-packet one-way delay: 67.721 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 8.12 Mbit/s
95th percentile per-packet one-way delay: 67.884 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 10.99 Mbit/s
95th percentile per-packet one-way delay: 67.515 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 7.27 Mbit/s
95th percentile per-packet one-way delay: 67.738 ms
Loss rate: 0.03%
```

Run 10: Report of LEDBAT — Data Link

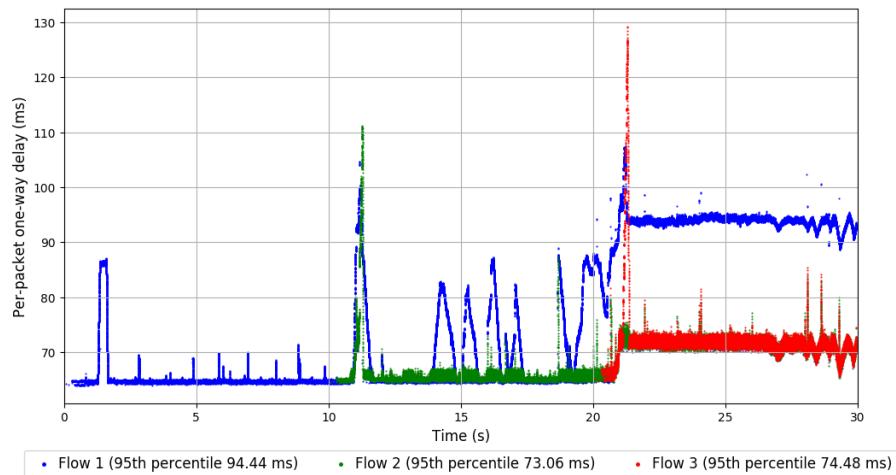
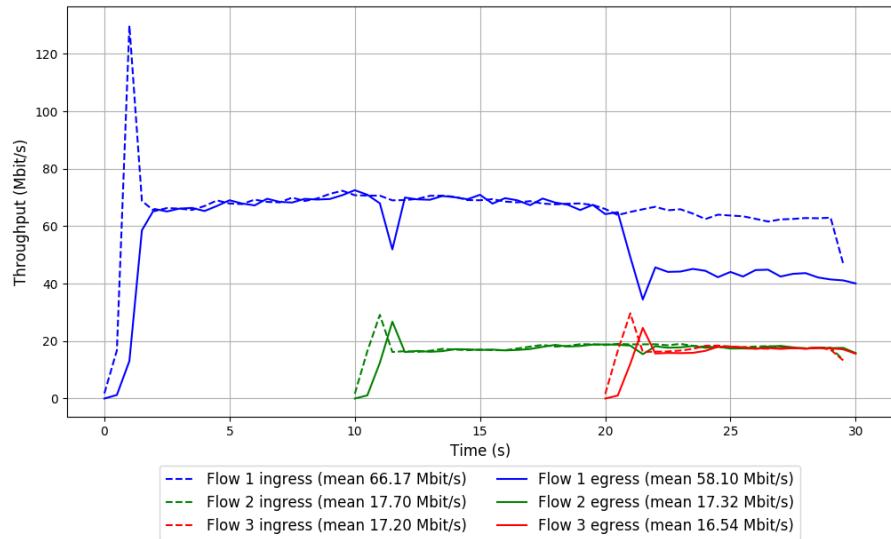


```
Run 1: Statistics of PCC-Allegro
```

```
Start at: 2018-06-29 21:14:11
End at: 2018-06-29 21:14:41
Local clock offset: -0.016 ms
Remote clock offset: -10.086 ms

# Below is generated by plot.py at 2018-06-30 04:54:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 75.07 Mbit/s
95th percentile per-packet one-way delay: 94.353 ms
Loss rate: 10.19%
-- Flow 1:
Average throughput: 58.10 Mbit/s
95th percentile per-packet one-way delay: 94.435 ms
Loss rate: 12.19%
-- Flow 2:
Average throughput: 17.32 Mbit/s
95th percentile per-packet one-way delay: 73.059 ms
Loss rate: 2.08%
-- Flow 3:
Average throughput: 16.54 Mbit/s
95th percentile per-packet one-way delay: 74.476 ms
Loss rate: 3.74%
```

Run 1: Report of PCC-Allegro — Data Link

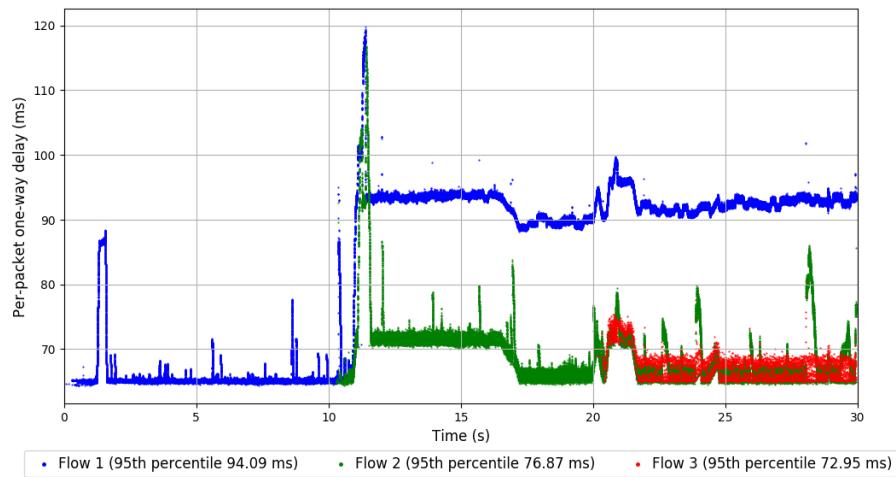
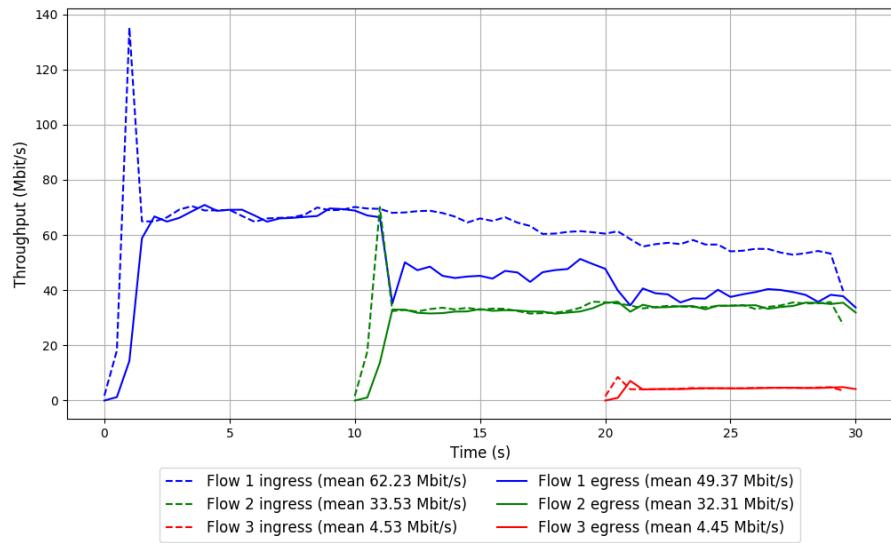


Run 2: Statistics of PCC-Allegro

```
Start at: 2018-06-29 22:03:34
End at: 2018-06-29 22:04:04
Local clock offset: 5.229 ms
Remote clock offset: -9.331 ms

# Below is generated by plot.py at 2018-06-30 04:54:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 72.31 Mbit/s
95th percentile per-packet one-way delay: 93.931 ms
Loss rate: 15.90%
-- Flow 1:
Average throughput: 49.37 Mbit/s
95th percentile per-packet one-way delay: 94.086 ms
Loss rate: 20.66%
-- Flow 2:
Average throughput: 32.31 Mbit/s
95th percentile per-packet one-way delay: 76.874 ms
Loss rate: 3.57%
-- Flow 3:
Average throughput: 4.45 Mbit/s
95th percentile per-packet one-way delay: 72.952 ms
Loss rate: 1.70%
```

Run 2: Report of PCC-Allegro — Data Link

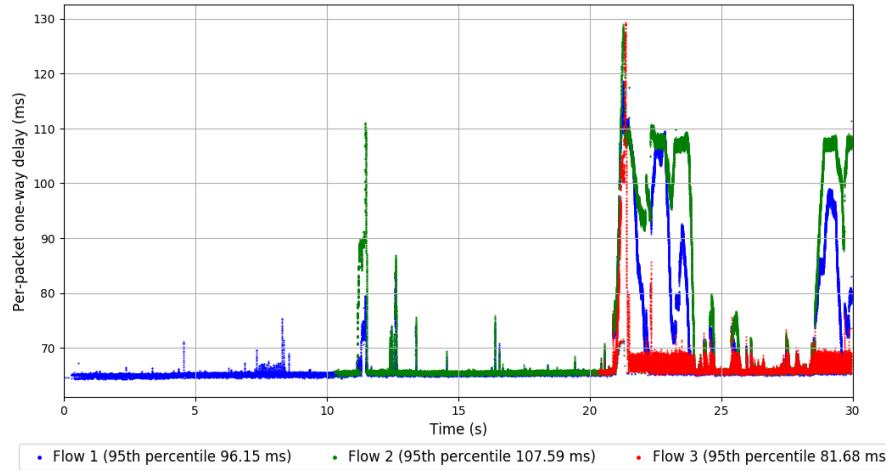
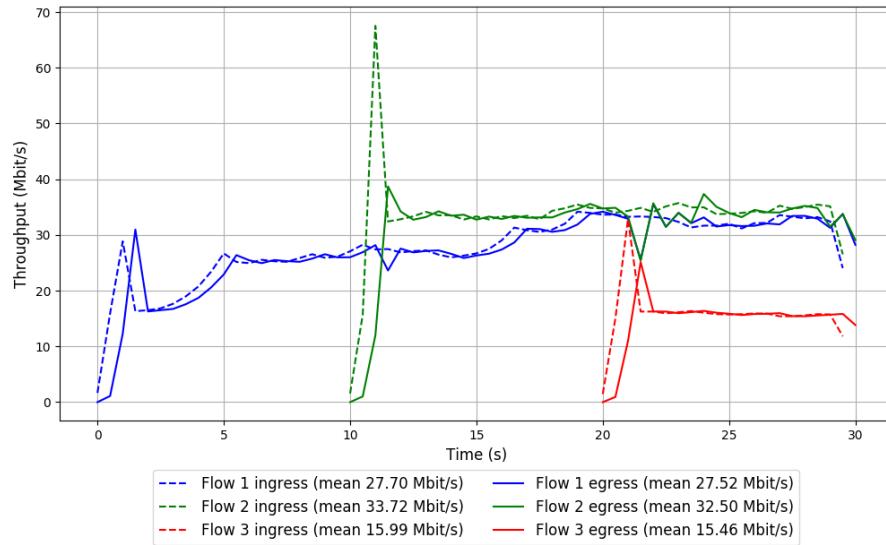


Run 3: Statistics of PCC-Allegro

```
Start at: 2018-06-29 22:52:03
End at: 2018-06-29 22:52:33
Local clock offset: -0.036 ms
Remote clock offset: -9.627 ms

# Below is generated by plot.py at 2018-06-30 04:54:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 54.23 Mbit/s
95th percentile per-packet one-way delay: 106.303 ms
Loss rate: 2.08%
-- Flow 1:
Average throughput: 27.52 Mbit/s
95th percentile per-packet one-way delay: 96.146 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 32.50 Mbit/s
95th percentile per-packet one-way delay: 107.588 ms
Loss rate: 3.60%
-- Flow 3:
Average throughput: 15.46 Mbit/s
95th percentile per-packet one-way delay: 81.682 ms
Loss rate: 3.23%
```

Run 3: Report of PCC-Allegro — Data Link

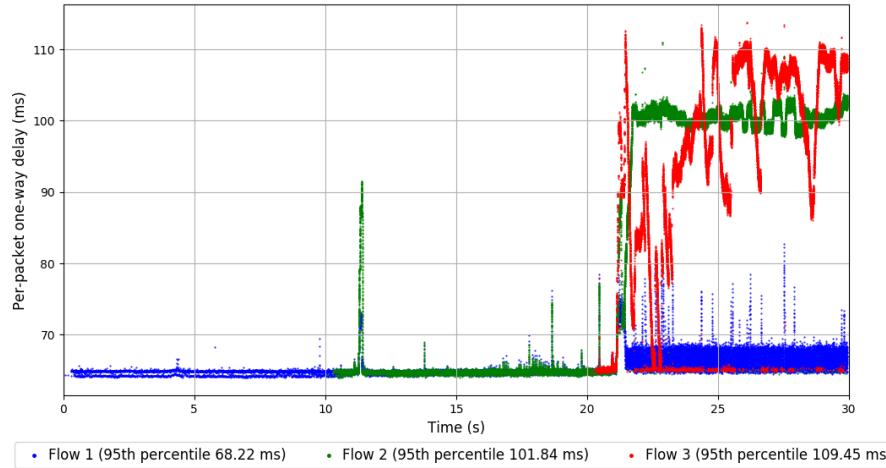
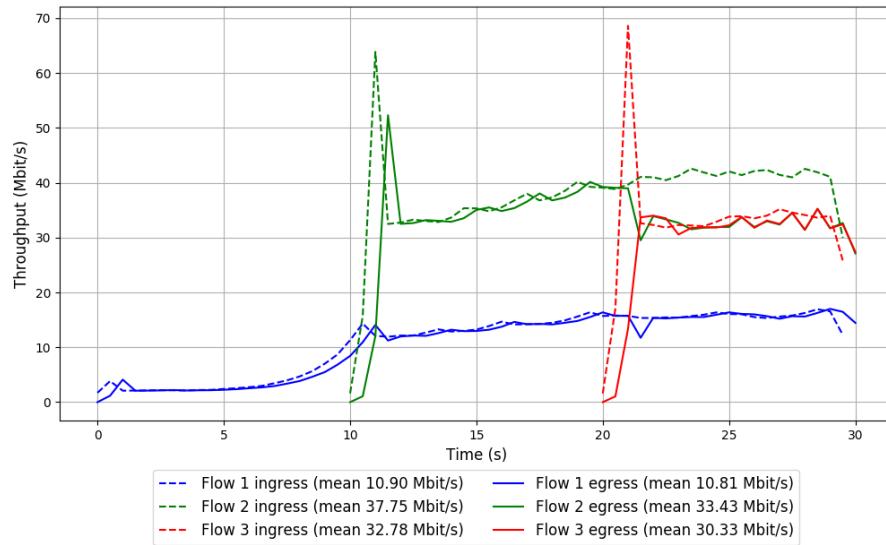


Run 4: Statistics of PCC-Allegro

```
Start at: 2018-06-29 23:38:38
End at: 2018-06-29 23:39:08
Local clock offset: 5.106 ms
Remote clock offset: -12.684 ms

# Below is generated by plot.py at 2018-06-30 04:54:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 43.04 Mbit/s
95th percentile per-packet one-way delay: 107.389 ms
Loss rate: 8.04%
-- Flow 1:
Average throughput: 10.81 Mbit/s
95th percentile per-packet one-way delay: 68.219 ms
Loss rate: 0.81%
-- Flow 2:
Average throughput: 33.43 Mbit/s
95th percentile per-packet one-way delay: 101.845 ms
Loss rate: 11.42%
-- Flow 3:
Average throughput: 30.33 Mbit/s
95th percentile per-packet one-way delay: 109.449 ms
Loss rate: 7.48%
```

Run 4: Report of PCC-Allegro — Data Link

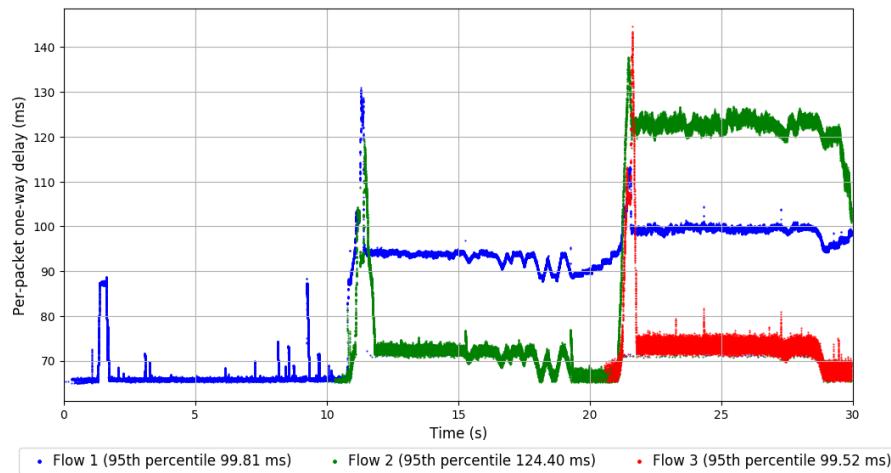
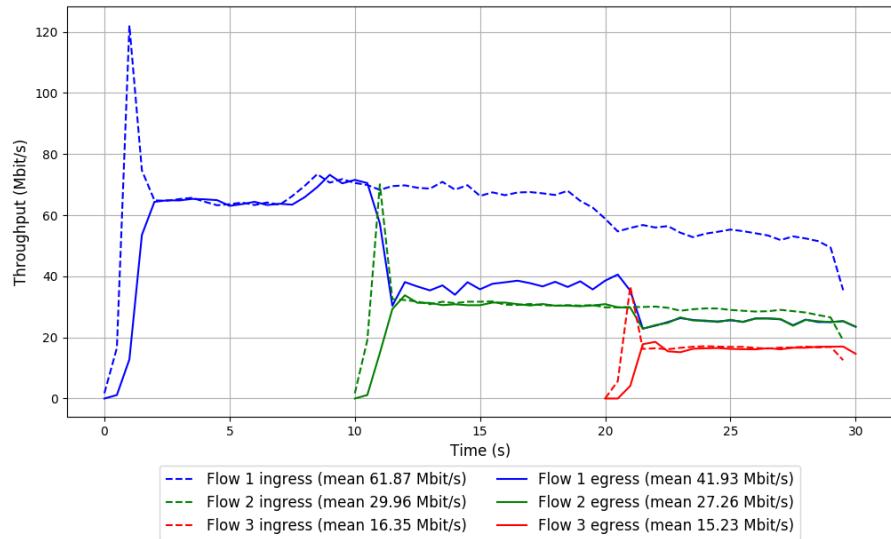


Run 5: Statistics of PCC-Allegro

```
Start at: 2018-06-30 00:27:09
End at: 2018-06-30 00:27:39
Local clock offset: -0.253 ms
Remote clock offset: -7.845 ms

# Below is generated by plot.py at 2018-06-30 04:54:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 65.08 Mbit/s
95th percentile per-packet one-way delay: 122.989 ms
Loss rate: 25.35%
-- Flow 1:
Average throughput: 41.93 Mbit/s
95th percentile per-packet one-way delay: 99.806 ms
Loss rate: 32.23%
-- Flow 2:
Average throughput: 27.26 Mbit/s
95th percentile per-packet one-way delay: 124.397 ms
Loss rate: 9.01%
-- Flow 3:
Average throughput: 15.23 Mbit/s
95th percentile per-packet one-way delay: 99.520 ms
Loss rate: 6.84%
```

Run 5: Report of PCC-Allegro — Data Link

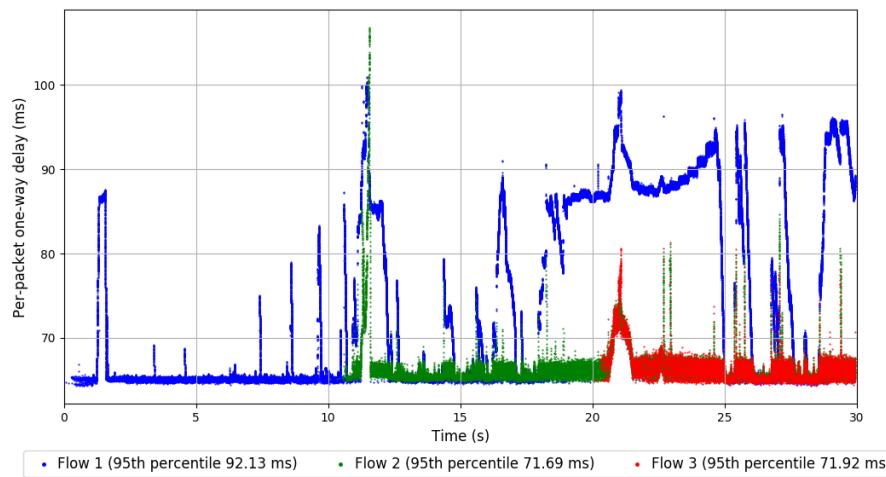
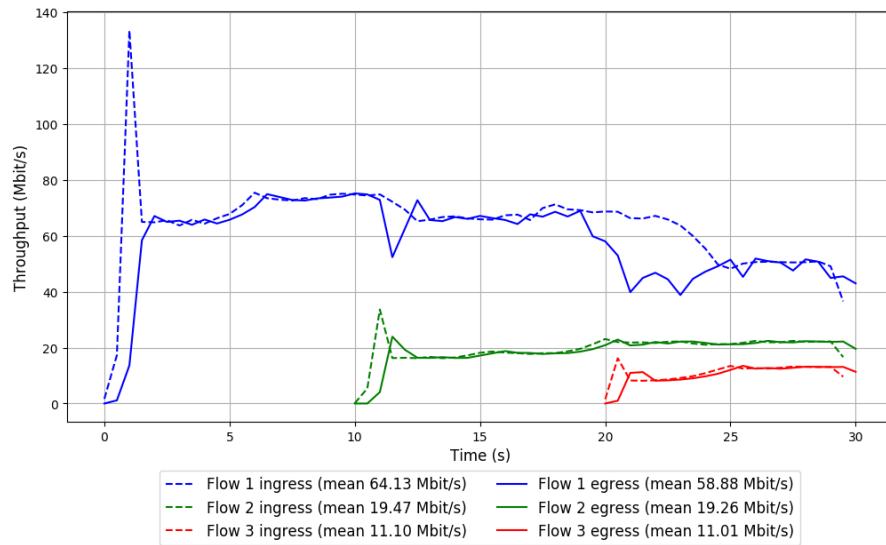


Run 6: Statistics of PCC-Allegro

```
Start at: 2018-06-30 01:16:00
End at: 2018-06-30 01:16:30
Local clock offset: 5.583 ms
Remote clock offset: -9.891 ms

# Below is generated by plot.py at 2018-06-30 04:54:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 75.32 Mbit/s
95th percentile per-packet one-way delay: 91.074 ms
Loss rate: 6.70%
-- Flow 1:
Average throughput: 58.88 Mbit/s
95th percentile per-packet one-way delay: 92.128 ms
Loss rate: 8.18%
-- Flow 2:
Average throughput: 19.26 Mbit/s
95th percentile per-packet one-way delay: 71.689 ms
Loss rate: 1.04%
-- Flow 3:
Average throughput: 11.01 Mbit/s
95th percentile per-packet one-way delay: 71.917 ms
Loss rate: 0.77%
```

Run 6: Report of PCC-Allegro — Data Link

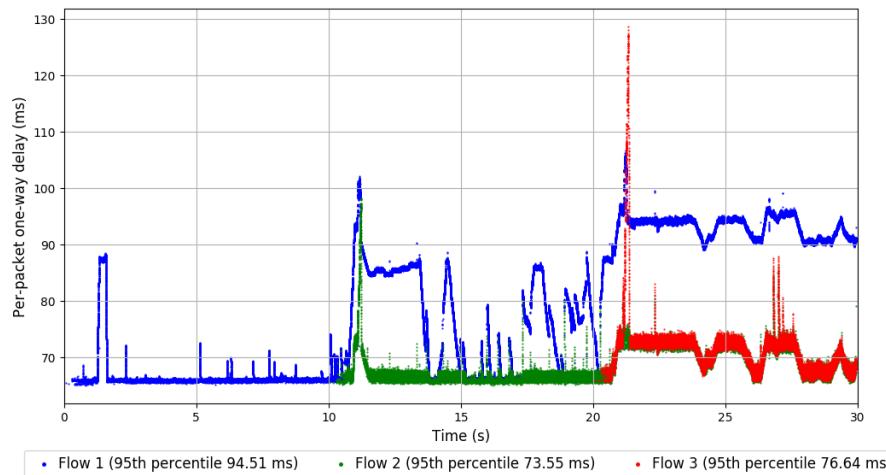
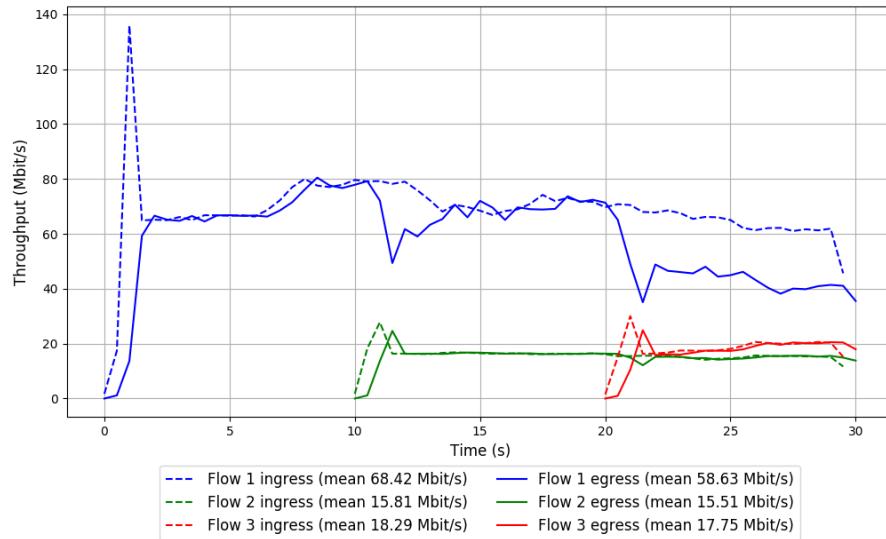


Run 7: Statistics of PCC-Allegro

```
Start at: 2018-06-30 02:03:06
End at: 2018-06-30 02:03:36
Local clock offset: 4.276 ms
Remote clock offset: -10.585 ms

# Below is generated by plot.py at 2018-06-30 04:54:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 74.78 Mbit/s
95th percentile per-packet one-way delay: 94.394 ms
Loss rate: 11.95%
-- Flow 1:
Average throughput: 58.63 Mbit/s
95th percentile per-packet one-way delay: 94.509 ms
Loss rate: 14.30%
-- Flow 2:
Average throughput: 15.51 Mbit/s
95th percentile per-packet one-way delay: 73.548 ms
Loss rate: 1.88%
-- Flow 3:
Average throughput: 17.75 Mbit/s
95th percentile per-packet one-way delay: 76.644 ms
Loss rate: 2.91%
```

Run 7: Report of PCC-Allegro — Data Link

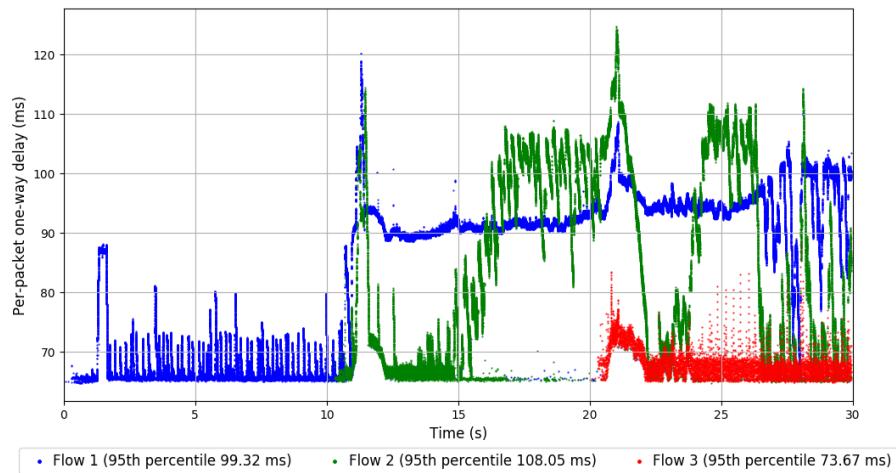
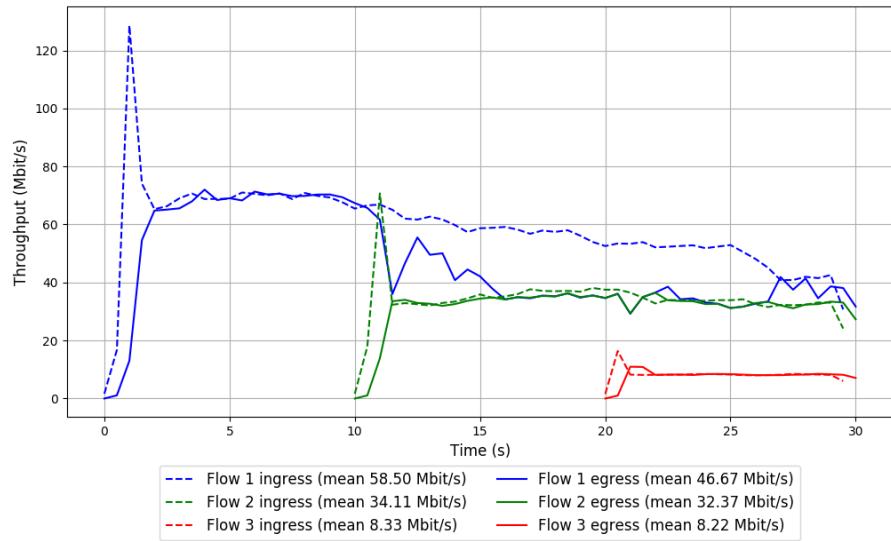


Run 8: Statistics of PCC-Allegro

```
Start at: 2018-06-30 02:49:06
End at: 2018-06-30 02:49:36
Local clock offset: 5.744 ms
Remote clock offset: -6.681 ms

# Below is generated by plot.py at 2018-06-30 04:54:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 70.90 Mbit/s
95th percentile per-packet one-way delay: 104.063 ms
Loss rate: 15.50%
-- Flow 1:
Average throughput: 46.67 Mbit/s
95th percentile per-packet one-way delay: 99.324 ms
Loss rate: 20.22%
-- Flow 2:
Average throughput: 32.37 Mbit/s
95th percentile per-packet one-way delay: 108.049 ms
Loss rate: 5.07%
-- Flow 3:
Average throughput: 8.22 Mbit/s
95th percentile per-packet one-way delay: 73.671 ms
Loss rate: 1.31%
```

Run 8: Report of PCC-Allegro — Data Link

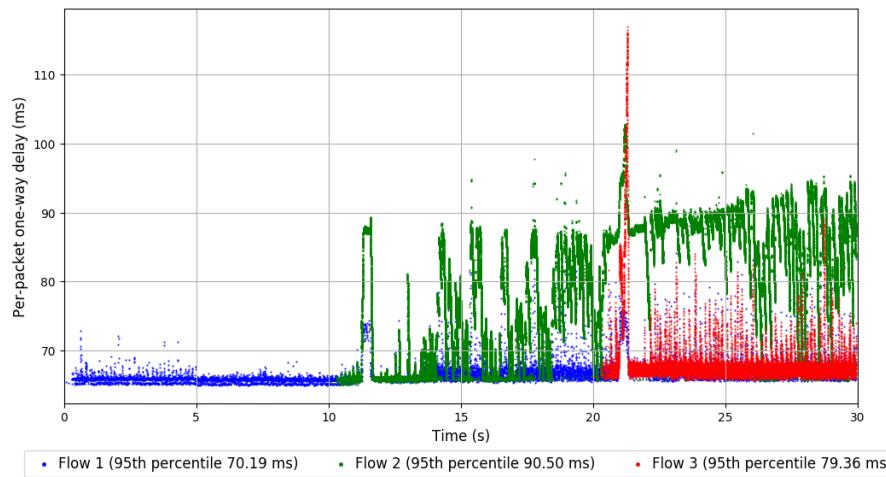
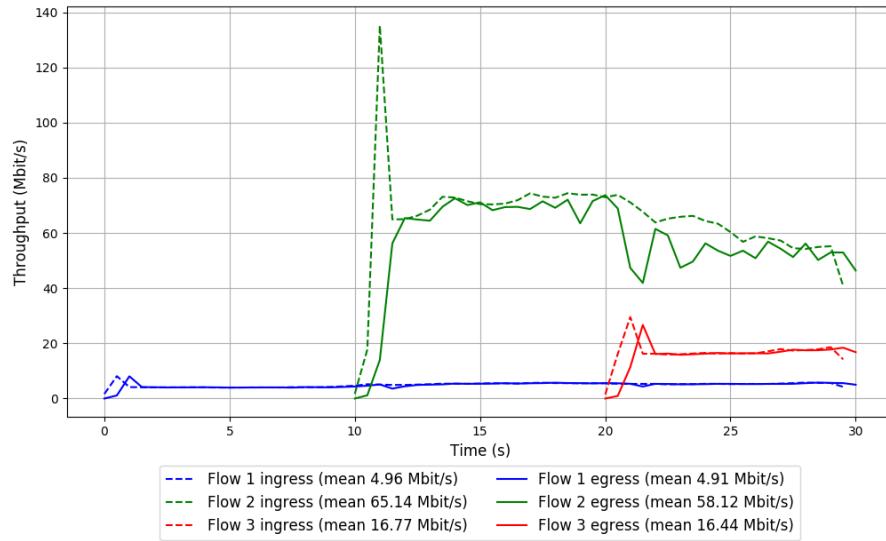


Run 9: Statistics of PCC-Allegro

```
Start at: 2018-06-30 03:33:36
End at: 2018-06-30 03:34:06
Local clock offset: 5.707 ms
Remote clock offset: -10.032 ms

# Below is generated by plot.py at 2018-06-30 04:55:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.98 Mbit/s
95th percentile per-packet one-way delay: 90.021 ms
Loss rate: 8.95%
-- Flow 1:
Average throughput: 4.91 Mbit/s
95th percentile per-packet one-way delay: 70.193 ms
Loss rate: 1.07%
-- Flow 2:
Average throughput: 58.12 Mbit/s
95th percentile per-packet one-way delay: 90.497 ms
Loss rate: 10.76%
-- Flow 3:
Average throughput: 16.44 Mbit/s
95th percentile per-packet one-way delay: 79.359 ms
Loss rate: 1.92%
```

Run 9: Report of PCC-Allegro — Data Link

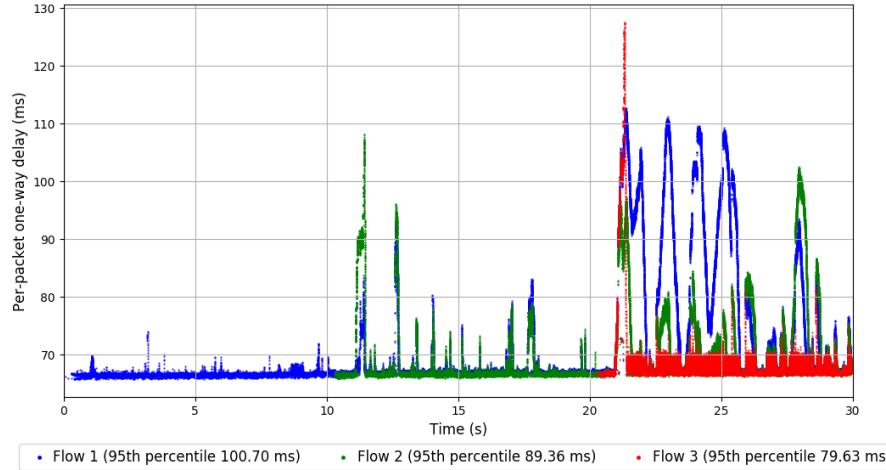
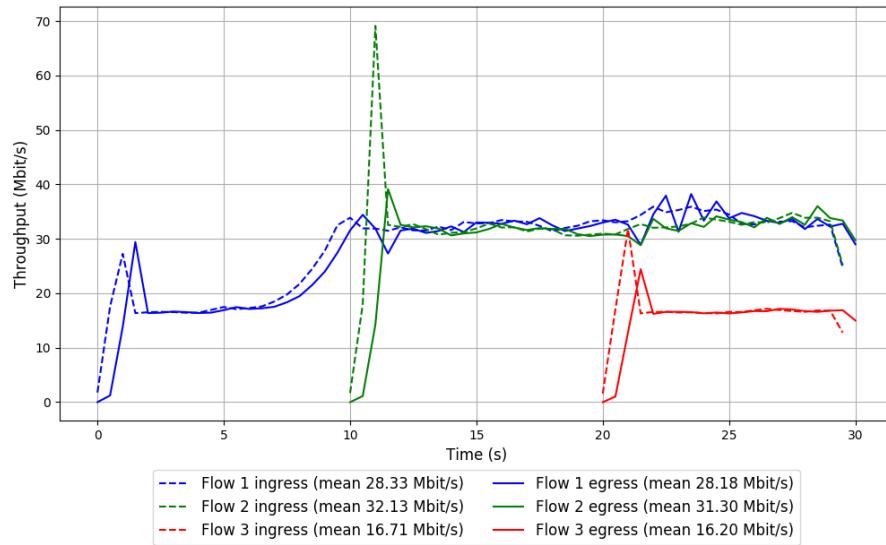


Run 10: Statistics of PCC-Allegro

```
Start at: 2018-06-30 04:18:29
End at: 2018-06-30 04:18:59
Local clock offset: 1.105 ms
Remote clock offset: -10.098 ms

# Below is generated by plot.py at 2018-06-30 04:55:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 54.33 Mbit/s
95th percentile per-packet one-way delay: 95.491 ms
Loss rate: 1.58%
-- Flow 1:
Average throughput: 28.18 Mbit/s
95th percentile per-packet one-way delay: 100.698 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 31.30 Mbit/s
95th percentile per-packet one-way delay: 89.357 ms
Loss rate: 2.60%
-- Flow 3:
Average throughput: 16.20 Mbit/s
95th percentile per-packet one-way delay: 79.632 ms
Loss rate: 3.02%
```

Run 10: Report of PCC-Allegro — Data Link

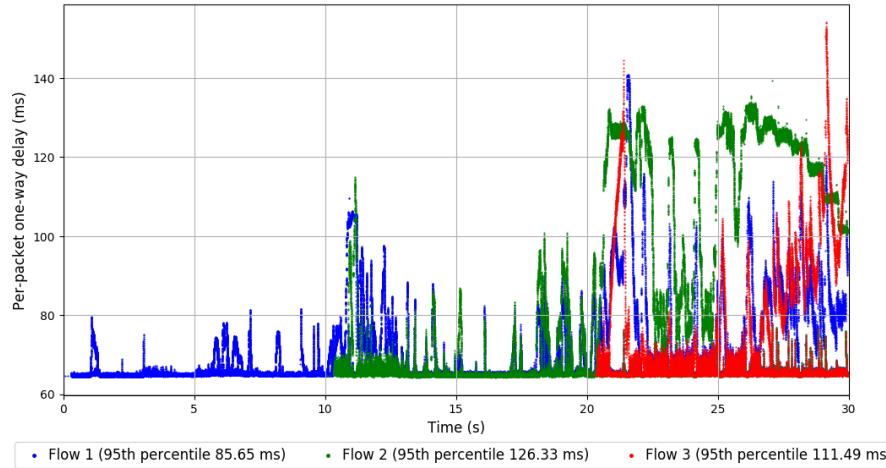
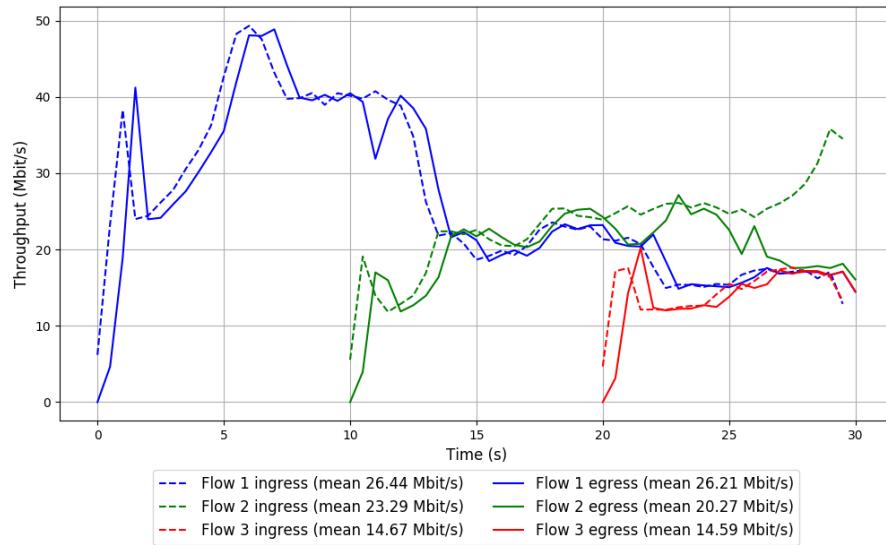


Run 1: Statistics of PCC-Expr

```
Start at: 2018-06-29 21:35:29
End at: 2018-06-29 21:35:59
Local clock offset: 3.28 ms
Remote clock offset: -10.452 ms

# Below is generated by plot.py at 2018-06-30 04:55:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 44.51 Mbit/s
95th percentile per-packet one-way delay: 112.716 ms
Loss rate: 4.84%
-- Flow 1:
Average throughput: 26.21 Mbit/s
95th percentile per-packet one-way delay: 85.654 ms
Loss rate: 0.87%
-- Flow 2:
Average throughput: 20.27 Mbit/s
95th percentile per-packet one-way delay: 126.329 ms
Loss rate: 12.96%
-- Flow 3:
Average throughput: 14.59 Mbit/s
95th percentile per-packet one-way delay: 111.491 ms
Loss rate: 0.56%
```

Run 1: Report of PCC-Expr — Data Link

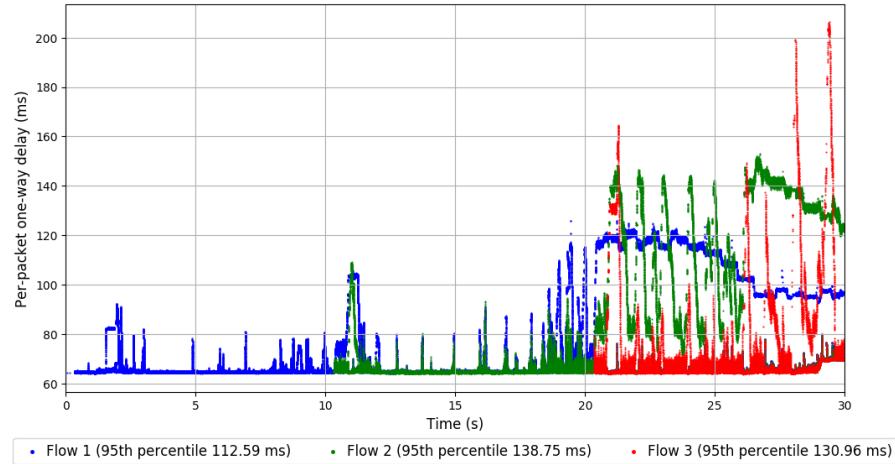
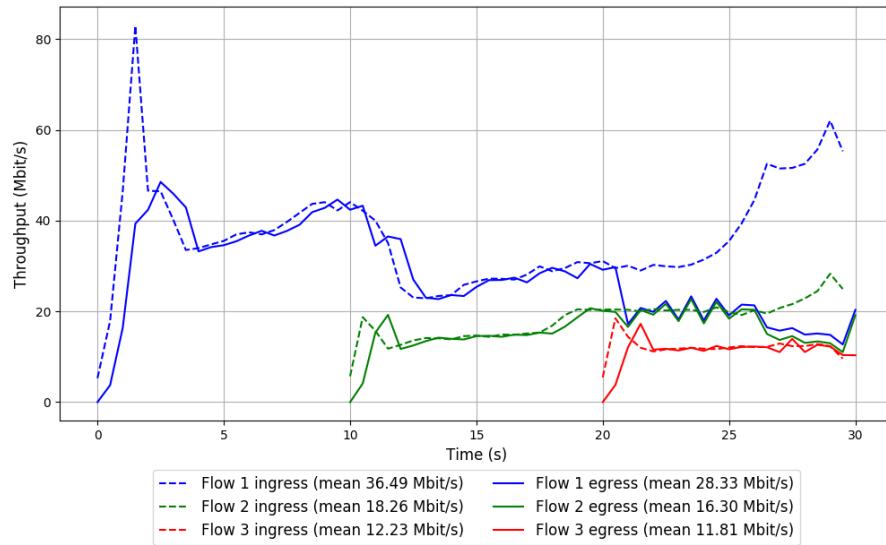


Run 2: Statistics of PCC-Expr

```
Start at: 2018-06-29 22:23:42
End at: 2018-06-29 22:24:12
Local clock offset: -0.36 ms
Remote clock offset: -9.003 ms

# Below is generated by plot.py at 2018-06-30 04:55:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 43.08 Mbit/s
95th percentile per-packet one-way delay: 117.930 ms
Loss rate: 18.20%
-- Flow 1:
Average throughput: 28.33 Mbit/s
95th percentile per-packet one-way delay: 112.587 ms
Loss rate: 22.33%
-- Flow 2:
Average throughput: 16.30 Mbit/s
95th percentile per-packet one-way delay: 138.749 ms
Loss rate: 10.74%
-- Flow 3:
Average throughput: 11.81 Mbit/s
95th percentile per-packet one-way delay: 130.961 ms
Loss rate: 3.35%
```

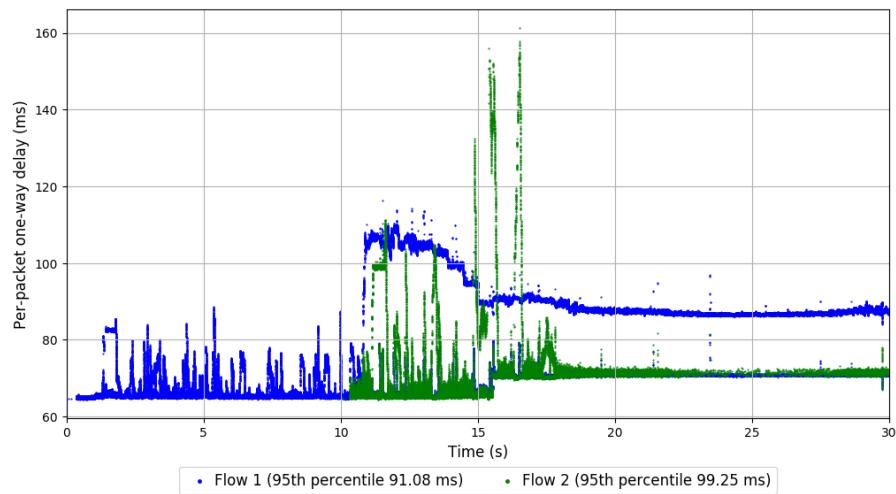
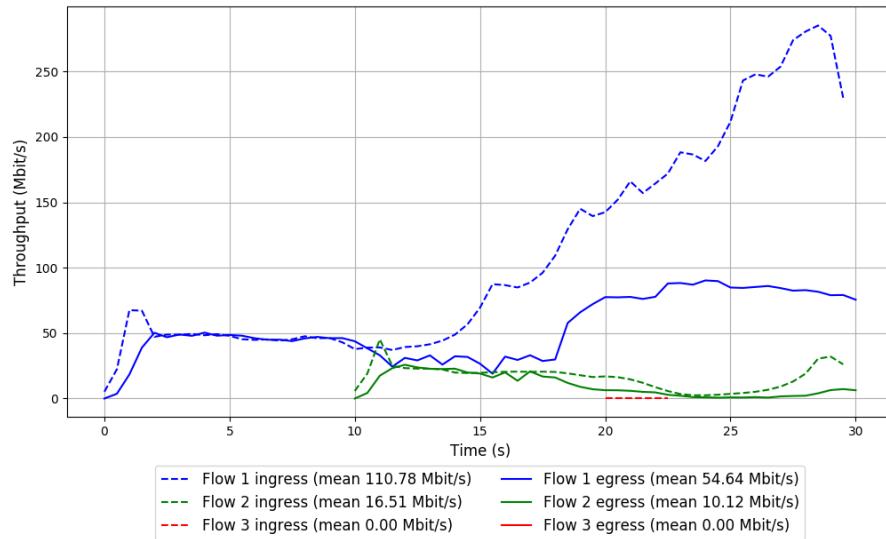
Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

Start at: 2018-06-29 23:10:32
End at: 2018-06-29 23:11:02
Local clock offset: 4.989 ms
Remote clock offset: -11.448 ms

Run 3: Report of PCC-Expr — Data Link

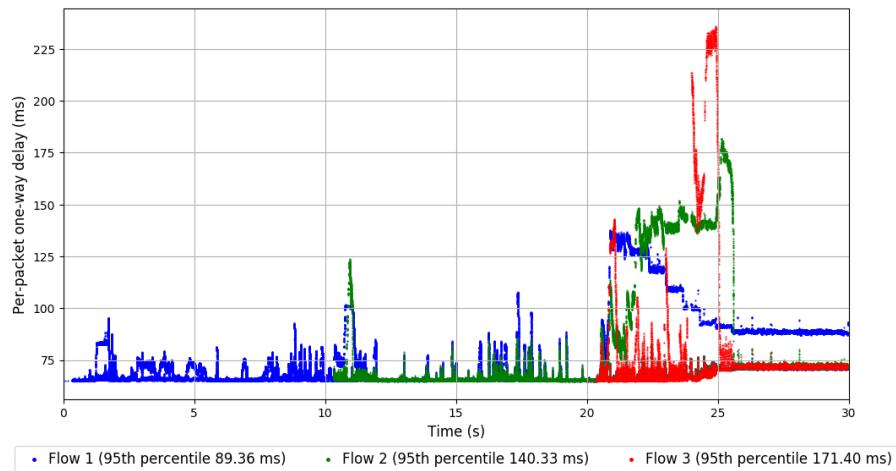
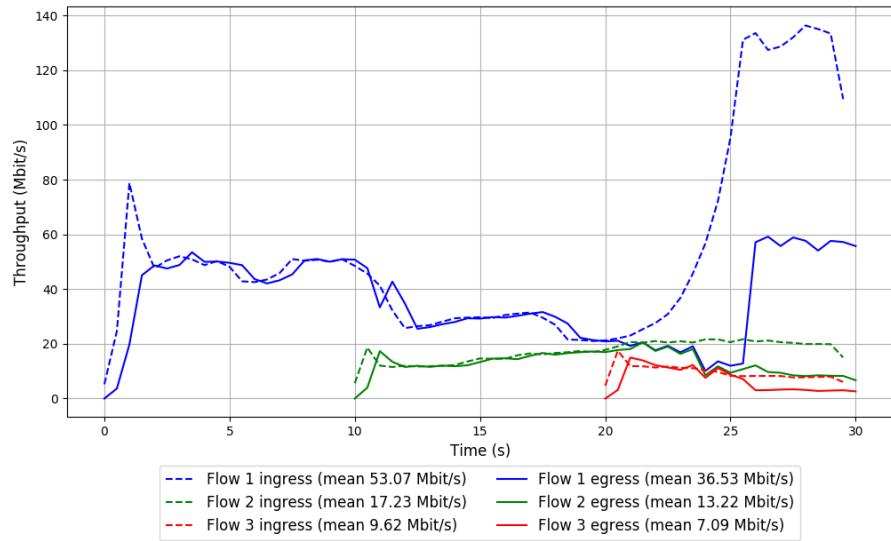


Run 4: Statistics of PCC-Expr

```
Start at: 2018-06-29 23:57:57
End at: 2018-06-29 23:58:27
Local clock offset: 1.514 ms
Remote clock offset: -12.221 ms

# Below is generated by plot.py at 2018-06-30 04:56:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 47.66 Mbit/s
95th percentile per-packet one-way delay: 100.130 ms
Loss rate: 29.54%
-- Flow 1:
Average throughput: 36.53 Mbit/s
95th percentile per-packet one-way delay: 89.359 ms
Loss rate: 31.10%
-- Flow 2:
Average throughput: 13.22 Mbit/s
95th percentile per-packet one-way delay: 140.332 ms
Loss rate: 23.24%
-- Flow 3:
Average throughput: 7.09 Mbit/s
95th percentile per-packet one-way delay: 171.398 ms
Loss rate: 26.24%
```

Run 4: Report of PCC-Expr — Data Link

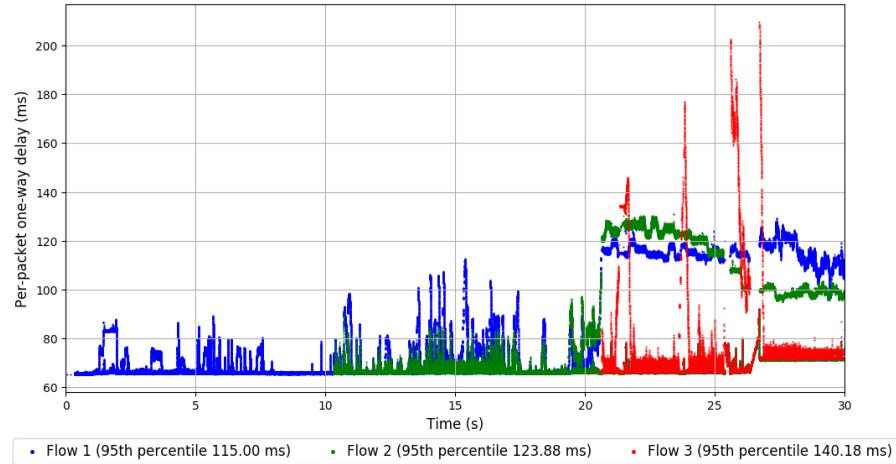
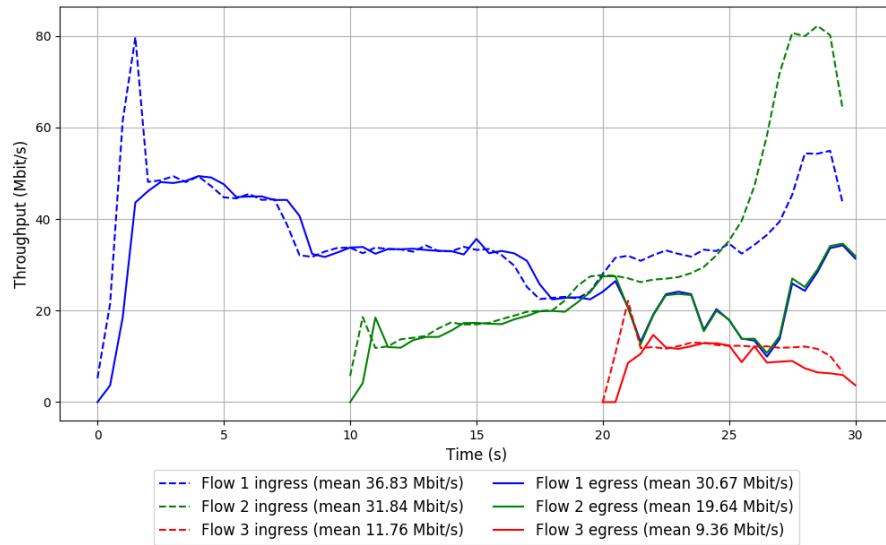


Run 5: Statistics of PCC-Expr

```
Start at: 2018-06-30 00:47:43
End at: 2018-06-30 00:48:13
Local clock offset: 0.408 ms
Remote clock offset: -8.653 ms

# Below is generated by plot.py at 2018-06-30 04:56:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 46.80 Mbit/s
95th percentile per-packet one-way delay: 117.237 ms
Loss rate: 24.33%
-- Flow 1:
Average throughput: 30.67 Mbit/s
95th percentile per-packet one-way delay: 114.996 ms
Loss rate: 16.72%
-- Flow 2:
Average throughput: 19.64 Mbit/s
95th percentile per-packet one-way delay: 123.875 ms
Loss rate: 38.30%
-- Flow 3:
Average throughput: 9.36 Mbit/s
95th percentile per-packet one-way delay: 140.182 ms
Loss rate: 20.34%
```

Run 5: Report of PCC-Expr — Data Link

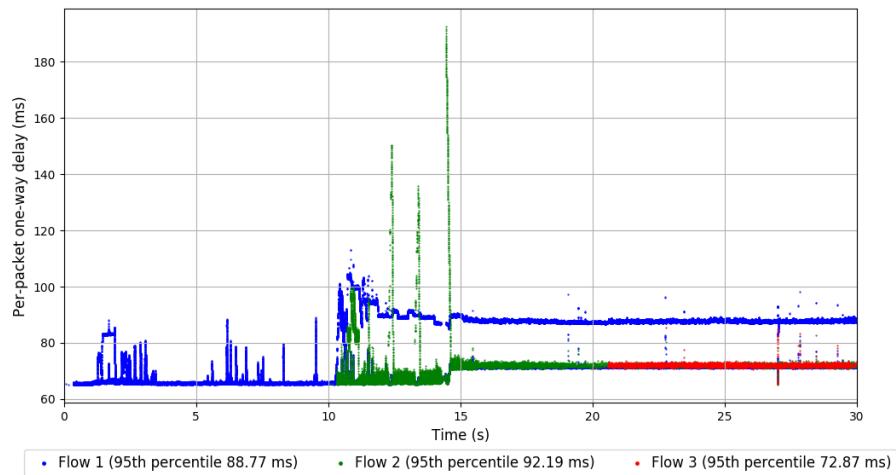
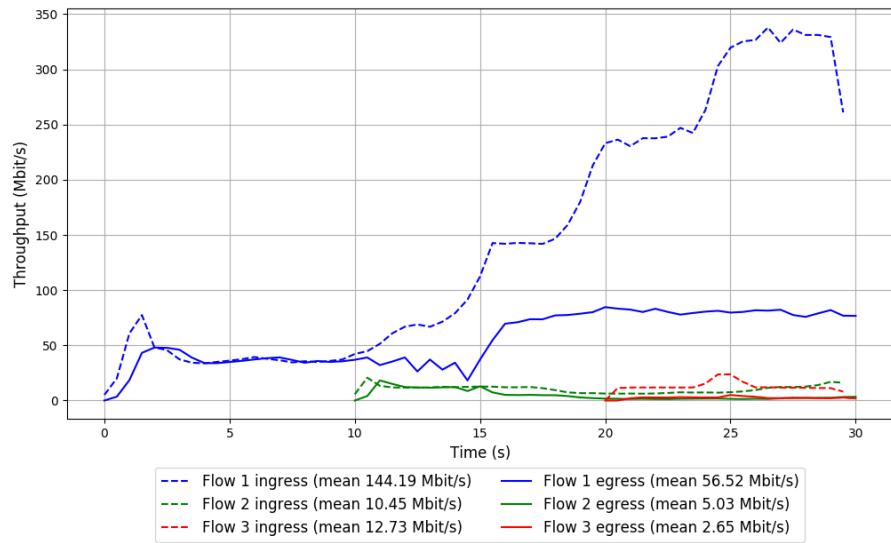


Run 6: Statistics of PCC-Expr

```
Start at: 2018-06-30 01:35:49
End at: 2018-06-30 01:36:19
Local clock offset: -0.396 ms
Remote clock offset: -10.503 ms

# Below is generated by plot.py at 2018-06-30 04:56:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 60.74 Mbit/s
95th percentile per-packet one-way delay: 88.771 ms
Loss rate: 60.87%
-- Flow 1:
Average throughput: 56.52 Mbit/s
95th percentile per-packet one-way delay: 88.771 ms
Loss rate: 60.77%
-- Flow 2:
Average throughput: 5.03 Mbit/s
95th percentile per-packet one-way delay: 92.195 ms
Loss rate: 51.80%
-- Flow 3:
Average throughput: 2.65 Mbit/s
95th percentile per-packet one-way delay: 72.872 ms
Loss rate: 79.21%
```

Run 6: Report of PCC-Expr — Data Link

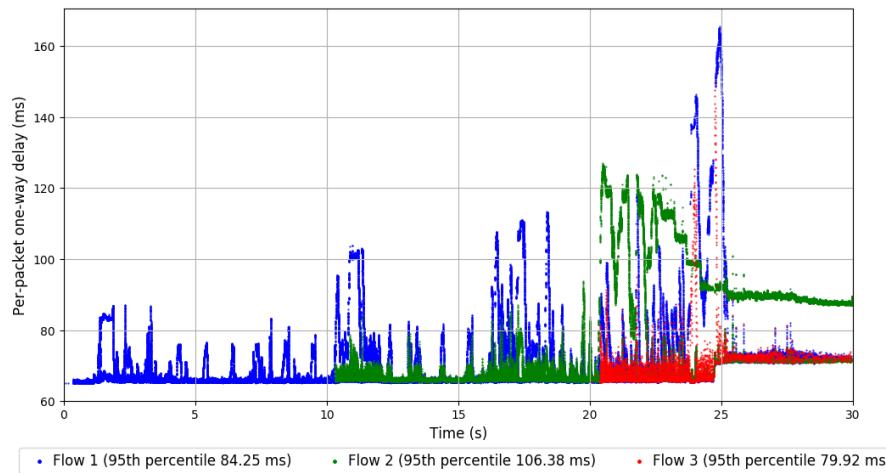
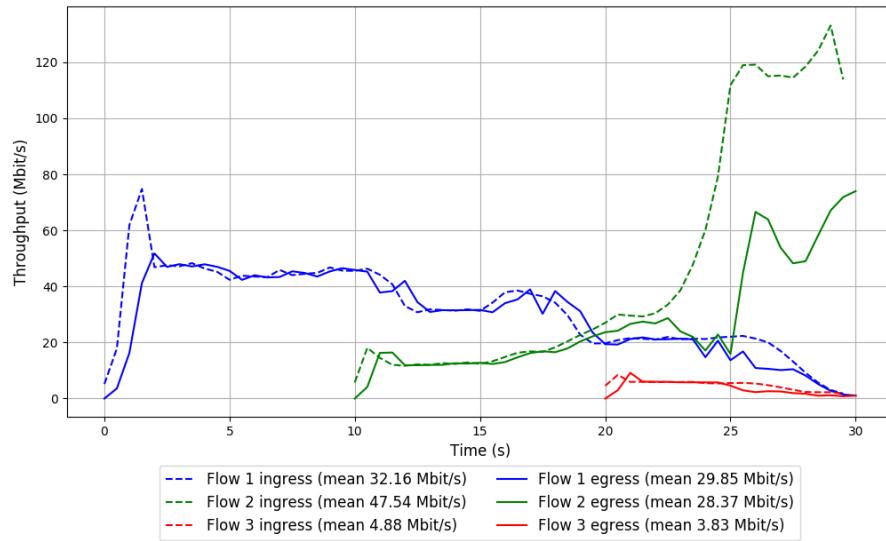


Run 7: Statistics of PCC-Expr

```
Start at: 2018-06-30 02:22:33
End at: 2018-06-30 02:23:03
Local clock offset: 6.873 ms
Remote clock offset: -8.649 ms

# Below is generated by plot.py at 2018-06-30 04:56:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.97 Mbit/s
95th percentile per-packet one-way delay: 92.326 ms
Loss rate: 23.53%
-- Flow 1:
Average throughput: 29.85 Mbit/s
95th percentile per-packet one-way delay: 84.247 ms
Loss rate: 7.20%
-- Flow 2:
Average throughput: 28.37 Mbit/s
95th percentile per-packet one-way delay: 106.382 ms
Loss rate: 40.25%
-- Flow 3:
Average throughput: 3.83 Mbit/s
95th percentile per-packet one-way delay: 79.915 ms
Loss rate: 21.34%
```

Run 7: Report of PCC-Expr — Data Link

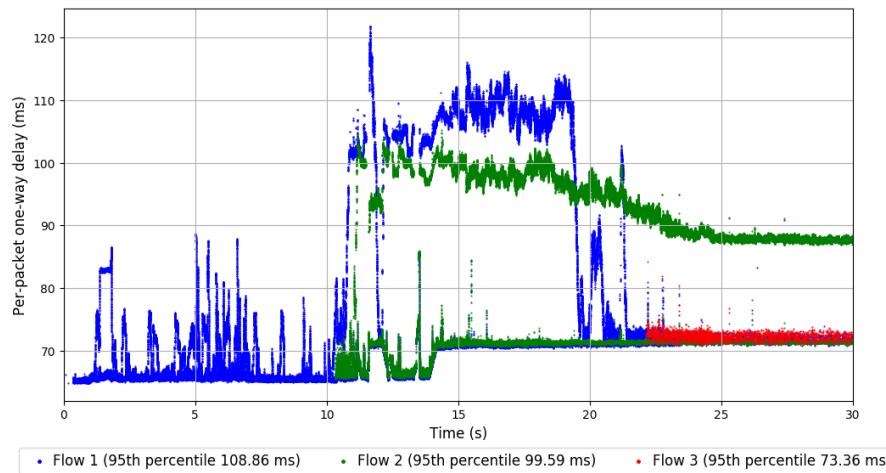
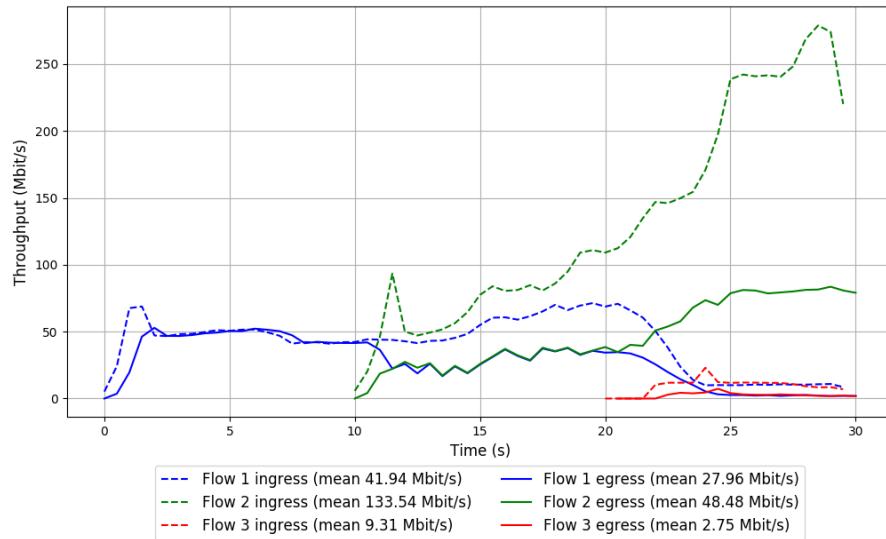


Run 8: Statistics of PCC-Expr

```
Start at: 2018-06-30 03:08:45
End at: 2018-06-30 03:09:15
Local clock offset: -1.027 ms
Remote clock offset: -7.901 ms

# Below is generated by plot.py at 2018-06-30 04:56:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 61.07 Mbit/s
95th percentile per-packet one-way delay: 106.589 ms
Loss rate: 54.34%
-- Flow 1:
Average throughput: 27.96 Mbit/s
95th percentile per-packet one-way delay: 108.863 ms
Loss rate: 33.32%
-- Flow 2:
Average throughput: 48.48 Mbit/s
95th percentile per-packet one-way delay: 99.593 ms
Loss rate: 63.66%
-- Flow 3:
Average throughput: 2.75 Mbit/s
95th percentile per-packet one-way delay: 73.362 ms
Loss rate: 71.94%
```

Run 8: Report of PCC-Expr — Data Link

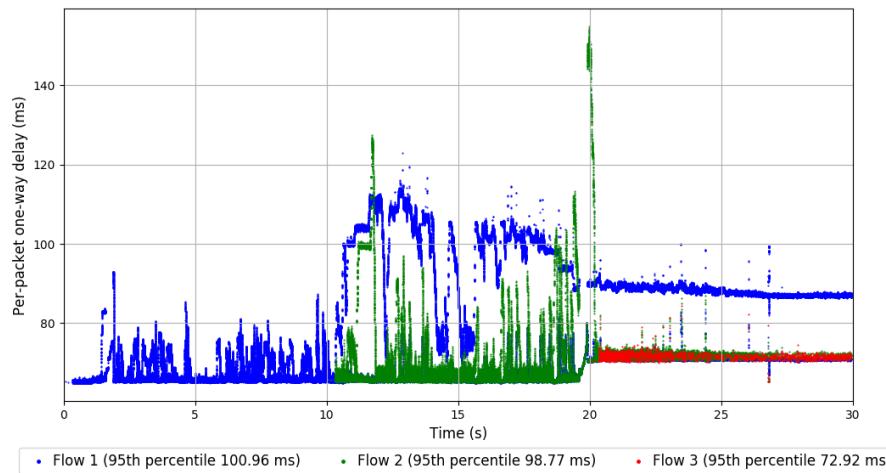
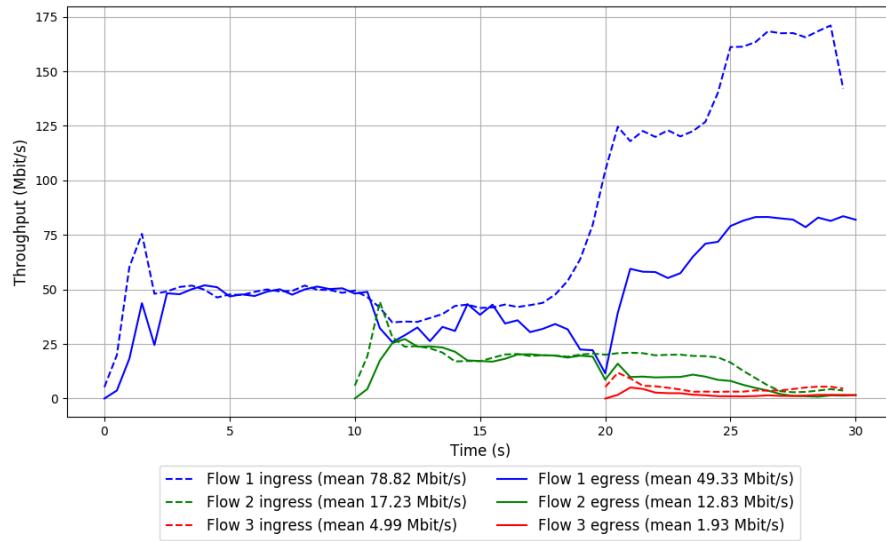


Run 9: Statistics of PCC-Expr

```
Start at: 2018-06-30 03:52:02
End at: 2018-06-30 03:52:32
Local clock offset: 3.261 ms
Remote clock offset: -10.861 ms

# Below is generated by plot.py at 2018-06-30 04:57:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 58.50 Mbit/s
95th percentile per-packet one-way delay: 100.252 ms
Loss rate: 36.32%
-- Flow 1:
Average throughput: 49.33 Mbit/s
95th percentile per-packet one-way delay: 100.958 ms
Loss rate: 37.37%
-- Flow 2:
Average throughput: 12.83 Mbit/s
95th percentile per-packet one-way delay: 98.771 ms
Loss rate: 25.51%
-- Flow 3:
Average throughput: 1.93 Mbit/s
95th percentile per-packet one-way delay: 72.919 ms
Loss rate: 61.32%
```

Run 9: Report of PCC-Expr — Data Link

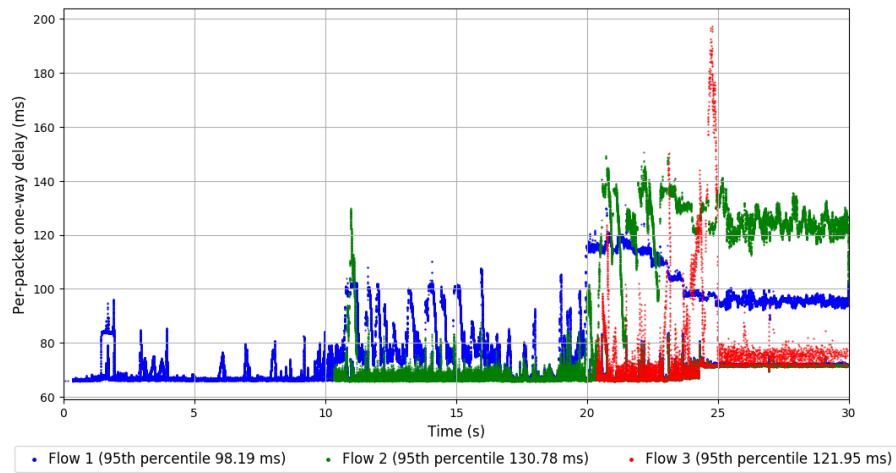
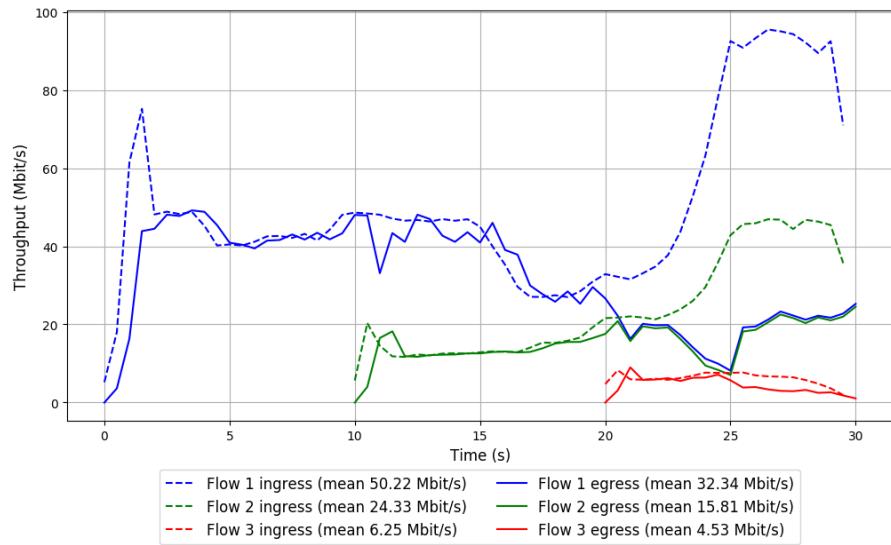


Run 10: Statistics of PCC-Expr

```
Start at: 2018-06-30 04:37:30
End at: 2018-06-30 04:38:00
Local clock offset: 8.01 ms
Remote clock offset: -9.092 ms

# Below is generated by plot.py at 2018-06-30 04:57:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 44.36 Mbit/s
95th percentile per-packet one-way delay: 121.077 ms
Loss rate: 35.13%
-- Flow 1:
Average throughput: 32.34 Mbit/s
95th percentile per-packet one-way delay: 98.195 ms
Loss rate: 35.52%
-- Flow 2:
Average throughput: 15.81 Mbit/s
95th percentile per-packet one-way delay: 130.776 ms
Loss rate: 34.89%
-- Flow 3:
Average throughput: 4.53 Mbit/s
95th percentile per-packet one-way delay: 121.955 ms
Loss rate: 27.51%
```

Run 10: Report of PCC-Expr — Data Link

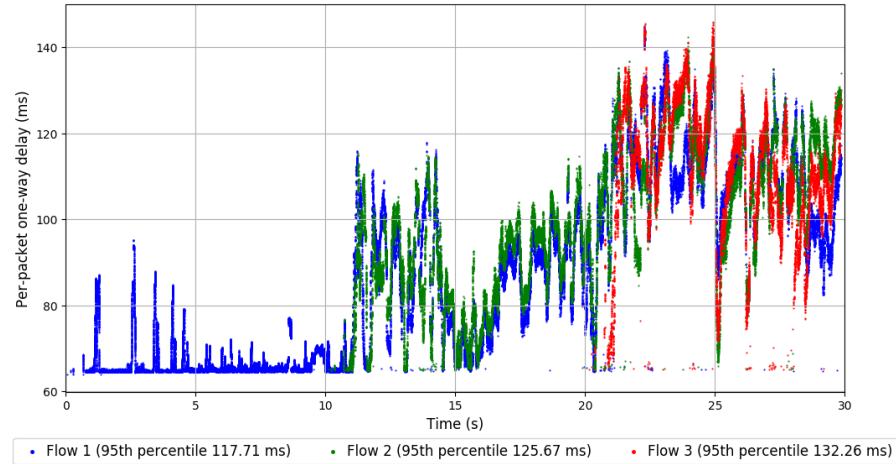
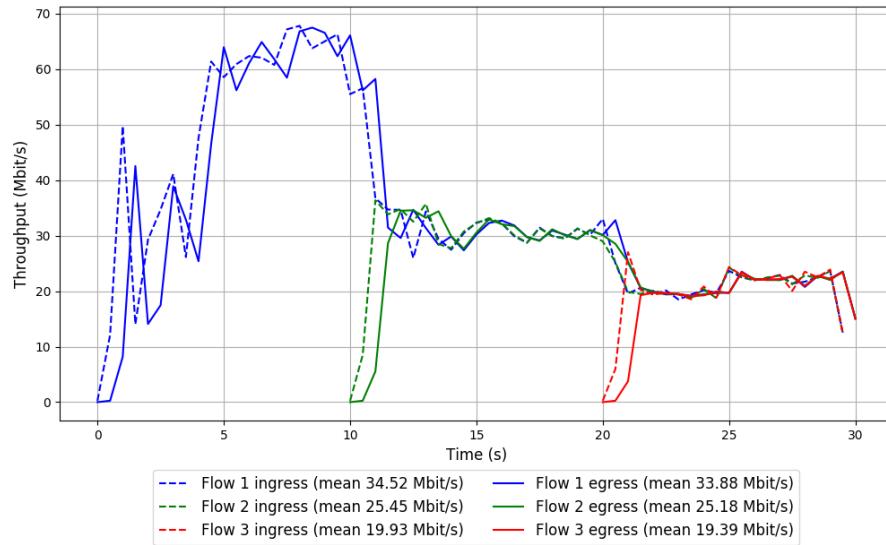


```
Run 1: Statistics of QUIC Cubic

Start at: 2018-06-29 21:20:47
End at: 2018-06-29 21:21:17
Local clock offset: 1.528 ms
Remote clock offset: -10.258 ms

# Below is generated by plot.py at 2018-06-30 04:57:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 56.89 Mbit/s
95th percentile per-packet one-way delay: 124.876 ms
Loss rate: 1.68%
-- Flow 1:
Average throughput: 33.88 Mbit/s
95th percentile per-packet one-way delay: 117.709 ms
Loss rate: 1.82%
-- Flow 2:
Average throughput: 25.18 Mbit/s
95th percentile per-packet one-way delay: 125.668 ms
Loss rate: 1.01%
-- Flow 3:
Average throughput: 19.39 Mbit/s
95th percentile per-packet one-way delay: 132.264 ms
Loss rate: 2.67%
```

Run 1: Report of QUIC Cubic — Data Link

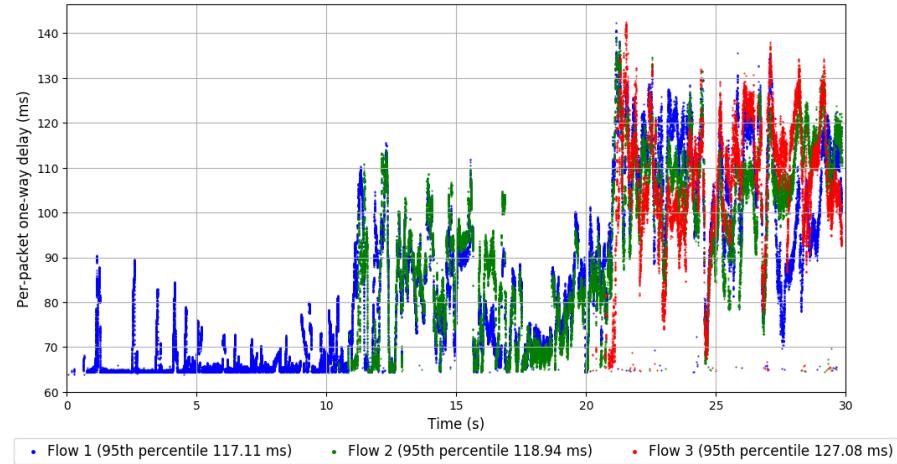
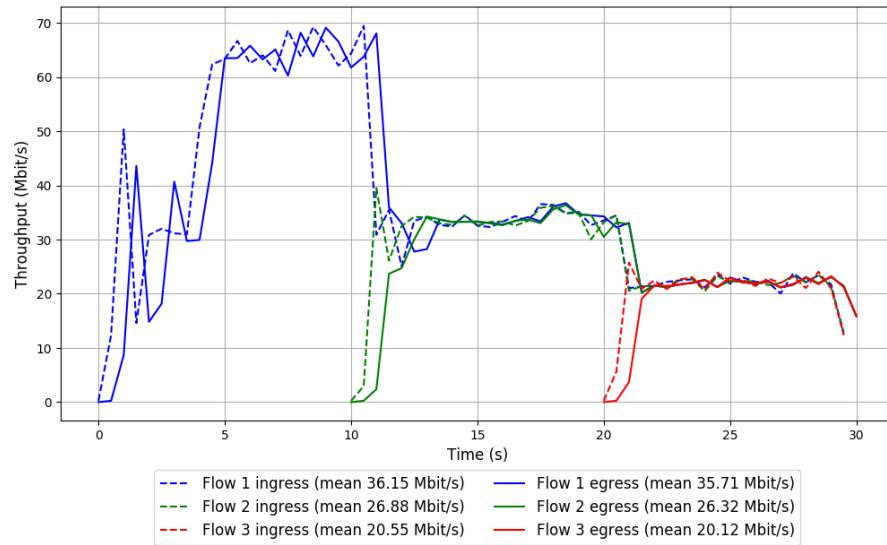


Run 2: Statistics of QUIC Cubic

```
Start at: 2018-06-29 22:09:30
End at: 2018-06-29 22:10:00
Local clock offset: 5.803 ms
Remote clock offset: -9.275 ms

# Below is generated by plot.py at 2018-06-30 04:57:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 59.71 Mbit/s
95th percentile per-packet one-way delay: 120.177 ms
Loss rate: 1.56%
-- Flow 1:
Average throughput: 35.71 Mbit/s
95th percentile per-packet one-way delay: 117.112 ms
Loss rate: 1.22%
-- Flow 2:
Average throughput: 26.32 Mbit/s
95th percentile per-packet one-way delay: 118.935 ms
Loss rate: 2.07%
-- Flow 3:
Average throughput: 20.12 Mbit/s
95th percentile per-packet one-way delay: 127.075 ms
Loss rate: 2.08%
```

Run 2: Report of QUIC Cubic — Data Link

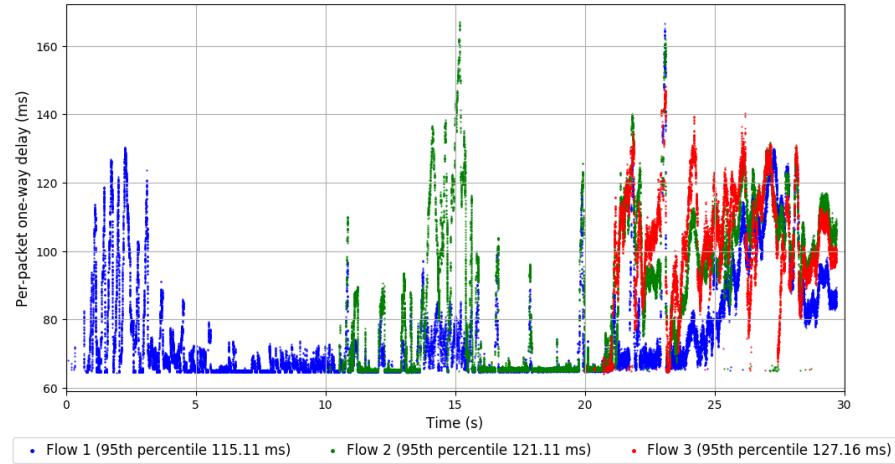
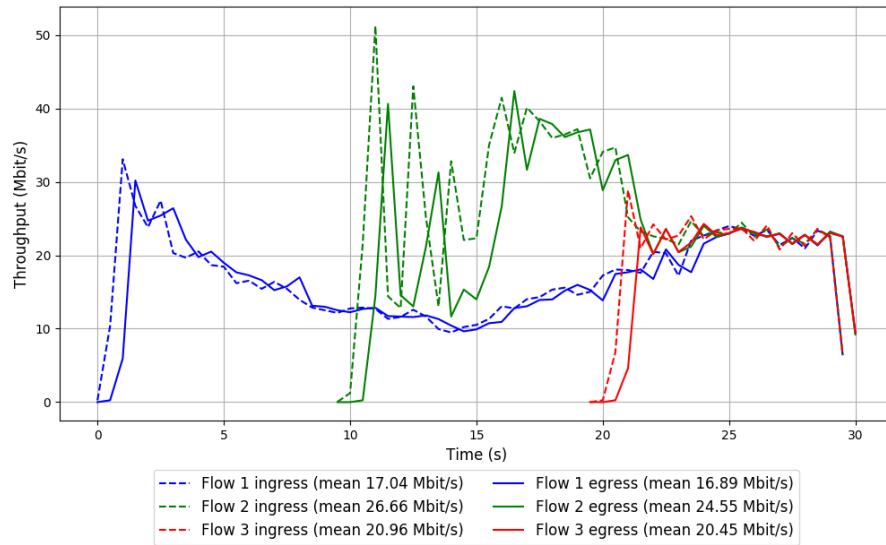


Run 3: Statistics of QUIC Cubic

```
Start at: 2018-06-29 22:57:27
End at: 2018-06-29 22:57:57
Local clock offset: 2.476 ms
Remote clock offset: -10.556 ms

# Below is generated by plot.py at 2018-06-30 04:57:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 39.97 Mbit/s
95th percentile per-packet one-way delay: 121.644 ms
Loss rate: 4.12%
-- Flow 1:
Average throughput: 16.89 Mbit/s
95th percentile per-packet one-way delay: 115.105 ms
Loss rate: 0.84%
-- Flow 2:
Average throughput: 24.55 Mbit/s
95th percentile per-packet one-way delay: 121.115 ms
Loss rate: 7.92%
-- Flow 3:
Average throughput: 20.45 Mbit/s
95th percentile per-packet one-way delay: 127.160 ms
Loss rate: 2.41%
```

Run 3: Report of QUIC Cubic — Data Link

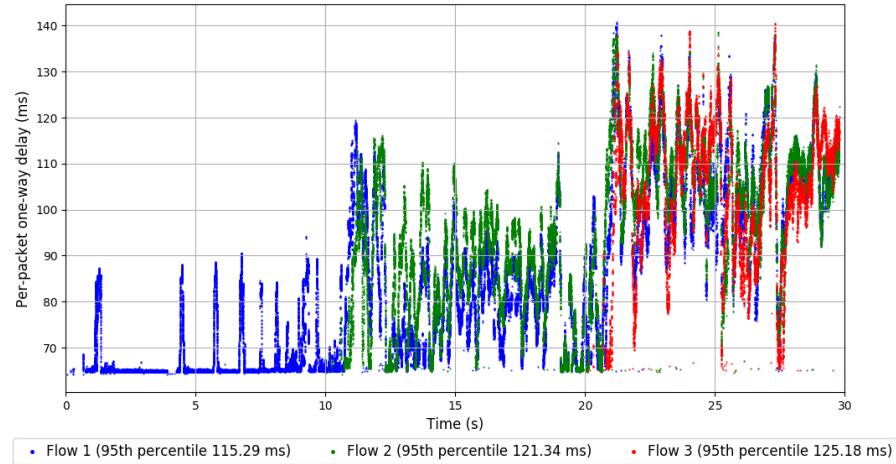
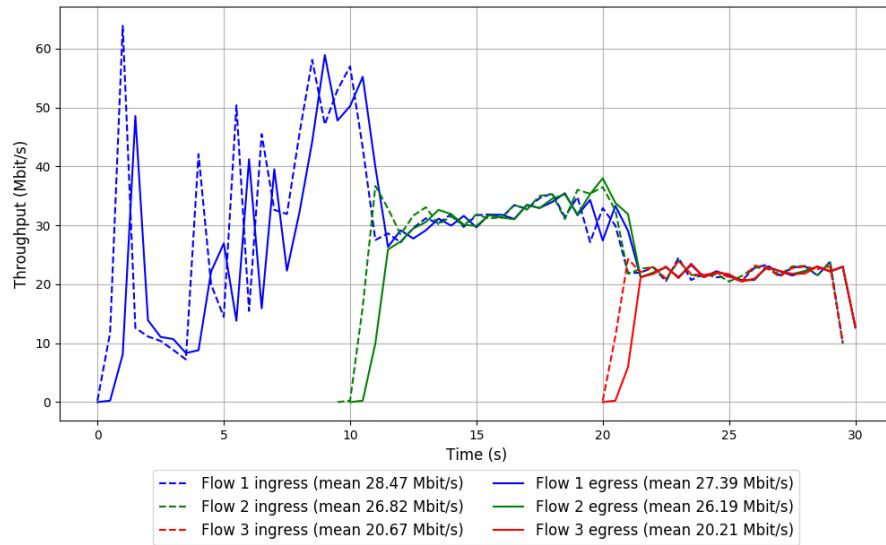


Run 4: Statistics of QUIC Cubic

```
Start at: 2018-06-29 23:44:01
End at: 2018-06-29 23:44:31
Local clock offset: 5.363 ms
Remote clock offset: -12.908 ms

# Below is generated by plot.py at 2018-06-30 04:57:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 51.42 Mbit/s
95th percentile per-packet one-way delay: 120.526 ms
Loss rate: 3.09%
-- Flow 1:
Average throughput: 27.39 Mbit/s
95th percentile per-packet one-way delay: 115.289 ms
Loss rate: 3.79%
-- Flow 2:
Average throughput: 26.19 Mbit/s
95th percentile per-packet one-way delay: 121.339 ms
Loss rate: 2.31%
-- Flow 3:
Average throughput: 20.21 Mbit/s
95th percentile per-packet one-way delay: 125.183 ms
Loss rate: 2.16%
```

Run 4: Report of QUIC Cubic — Data Link

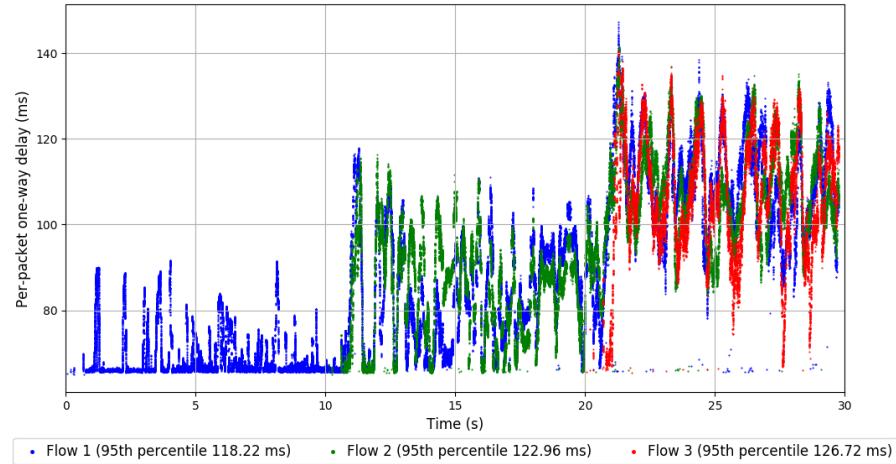
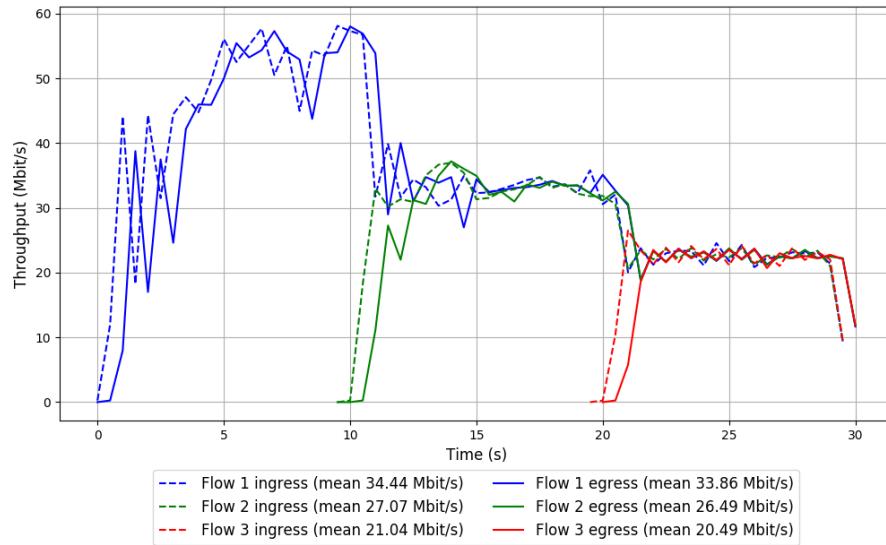


Run 5: Statistics of QUIC Cubic

```
Start at: 2018-06-30 00:33:09
End at: 2018-06-30 00:33:39
Local clock offset: -0.517 ms
Remote clock offset: -8.026 ms

# Below is generated by plot.py at 2018-06-30 04:57:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 58.19 Mbit/s
95th percentile per-packet one-way delay: 122.241 ms
Loss rate: 1.90%
-- Flow 1:
Average throughput: 33.86 Mbit/s
95th percentile per-packet one-way delay: 118.215 ms
Loss rate: 1.65%
-- Flow 2:
Average throughput: 26.49 Mbit/s
95th percentile per-packet one-way delay: 122.956 ms
Loss rate: 2.12%
-- Flow 3:
Average throughput: 20.49 Mbit/s
95th percentile per-packet one-way delay: 126.720 ms
Loss rate: 2.61%
```

Run 5: Report of QUIC Cubic — Data Link

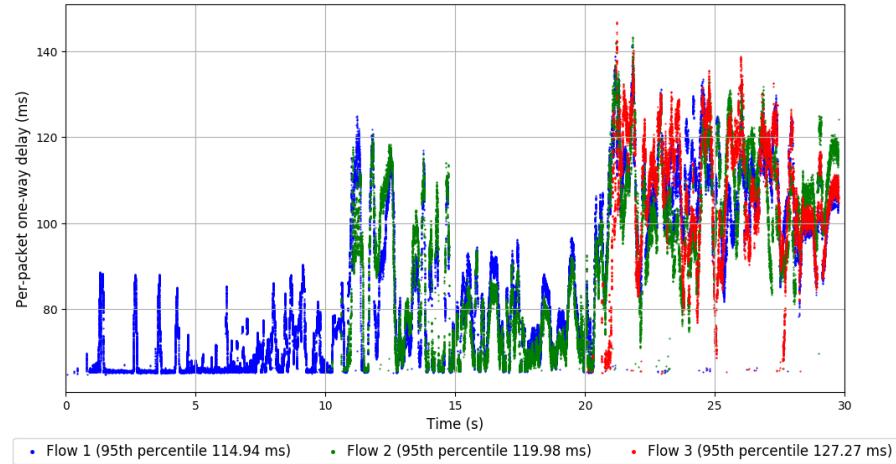
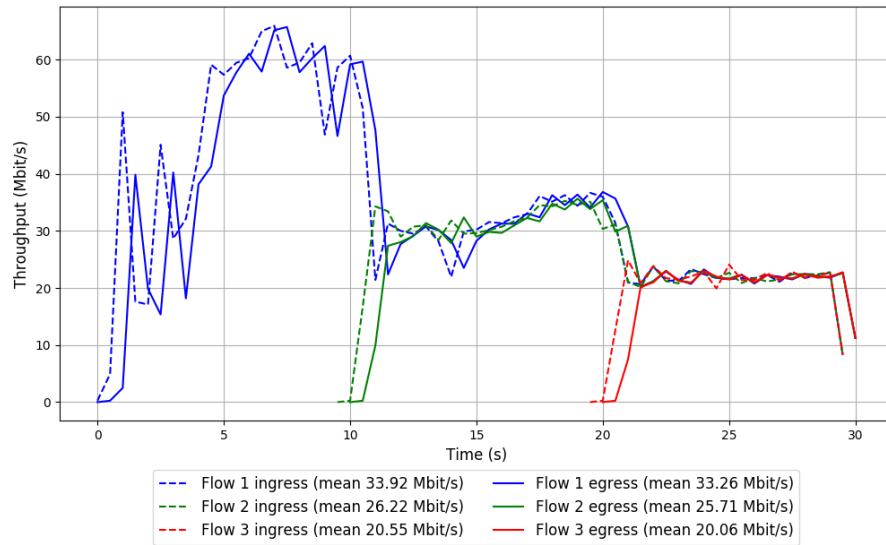


Run 6: Statistics of QUIC Cubic

```
Start at: 2018-06-30 01:22:04
End at: 2018-06-30 01:22:34
Local clock offset: 2.238 ms
Remote clock offset: -10.223 ms

# Below is generated by plot.py at 2018-06-30 04:57:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 56.92 Mbit/s
95th percentile per-packet one-way delay: 120.388 ms
Loss rate: 1.96%
-- Flow 1:
Average throughput: 33.26 Mbit/s
95th percentile per-packet one-way delay: 114.938 ms
Loss rate: 1.92%
-- Flow 2:
Average throughput: 25.71 Mbit/s
95th percentile per-packet one-way delay: 119.978 ms
Loss rate: 1.91%
-- Flow 3:
Average throughput: 20.06 Mbit/s
95th percentile per-packet one-way delay: 127.265 ms
Loss rate: 2.33%
```

Run 6: Report of QUIC Cubic — Data Link

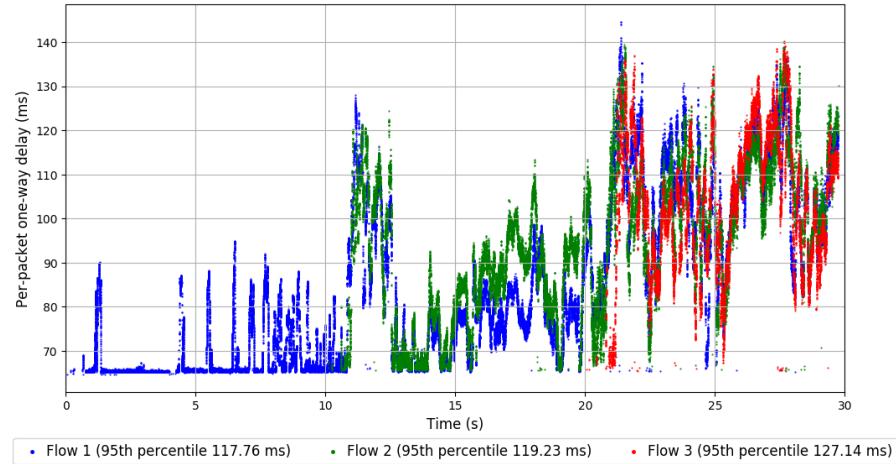
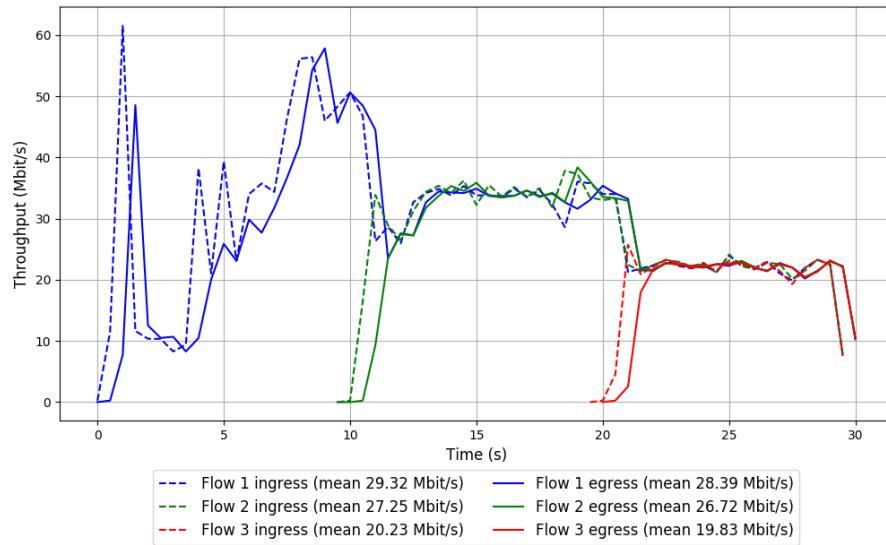


Run 7: Statistics of QUIC Cubic

```
Start at: 2018-06-30 02:09:20
End at: 2018-06-30 02:09:50
Local clock offset: 5.036 ms
Remote clock offset: -10.564 ms

# Below is generated by plot.py at 2018-06-30 04:57:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 52.65 Mbit/s
95th percentile per-packet one-way delay: 120.379 ms
Loss rate: 2.57%
-- Flow 1:
Average throughput: 28.39 Mbit/s
95th percentile per-packet one-way delay: 117.763 ms
Loss rate: 3.14%
-- Flow 2:
Average throughput: 26.72 Mbit/s
95th percentile per-packet one-way delay: 119.235 ms
Loss rate: 1.91%
-- Flow 3:
Average throughput: 19.83 Mbit/s
95th percentile per-packet one-way delay: 127.141 ms
Loss rate: 1.82%
```

Run 7: Report of QUIC Cubic — Data Link

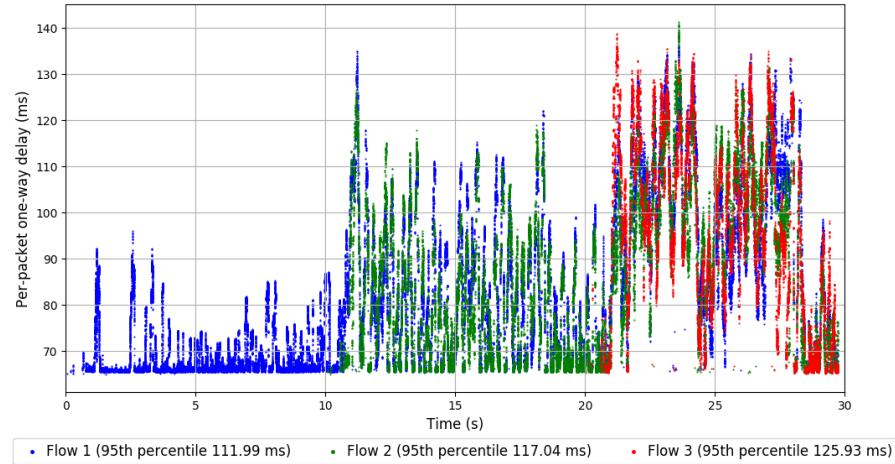
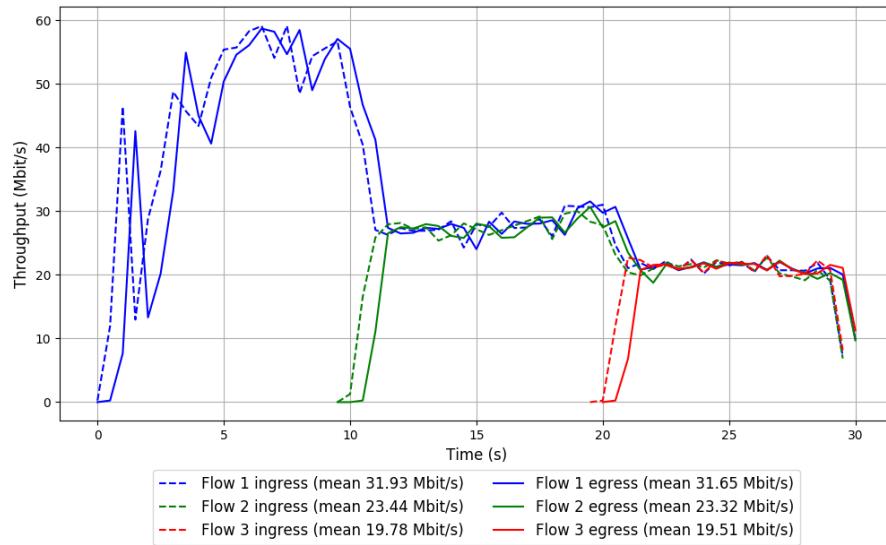


Run 8: Statistics of QUIC Cubic

```
Start at: 2018-06-30 02:55:23
End at: 2018-06-30 02:55:53
Local clock offset: 2.1 ms
Remote clock offset: -7.734 ms

# Below is generated by plot.py at 2018-06-30 04:57:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.58 Mbit/s
95th percentile per-packet one-way delay: 118.045 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 31.65 Mbit/s
95th percentile per-packet one-way delay: 111.987 ms
Loss rate: 0.85%
-- Flow 2:
Average throughput: 23.32 Mbit/s
95th percentile per-packet one-way delay: 117.038 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 19.51 Mbit/s
95th percentile per-packet one-way delay: 125.928 ms
Loss rate: 1.28%
```

Run 8: Report of QUIC Cubic — Data Link

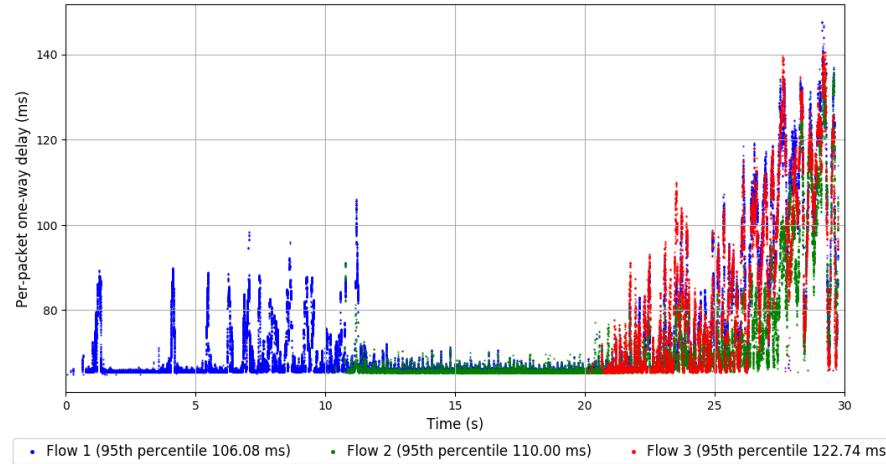
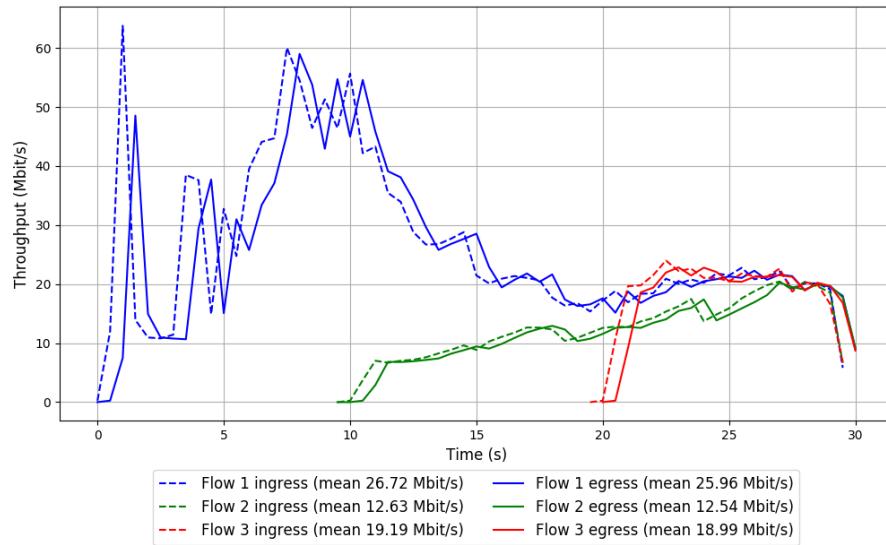


Run 9: Statistics of QUIC Cubic

```
Start at: 2018-06-30 03:39:05
End at: 2018-06-30 03:39:35
Local clock offset: 6.683 ms
Remote clock offset: -10.472 ms

# Below is generated by plot.py at 2018-06-30 04:57:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 40.52 Mbit/s
95th percentile per-packet one-way delay: 112.058 ms
Loss rate: 2.10%
-- Flow 1:
Average throughput: 25.96 Mbit/s
95th percentile per-packet one-way delay: 106.084 ms
Loss rate: 2.81%
-- Flow 2:
Average throughput: 12.54 Mbit/s
95th percentile per-packet one-way delay: 110.002 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 18.99 Mbit/s
95th percentile per-packet one-way delay: 122.744 ms
Loss rate: 1.00%
```

Run 9: Report of QUIC Cubic — Data Link

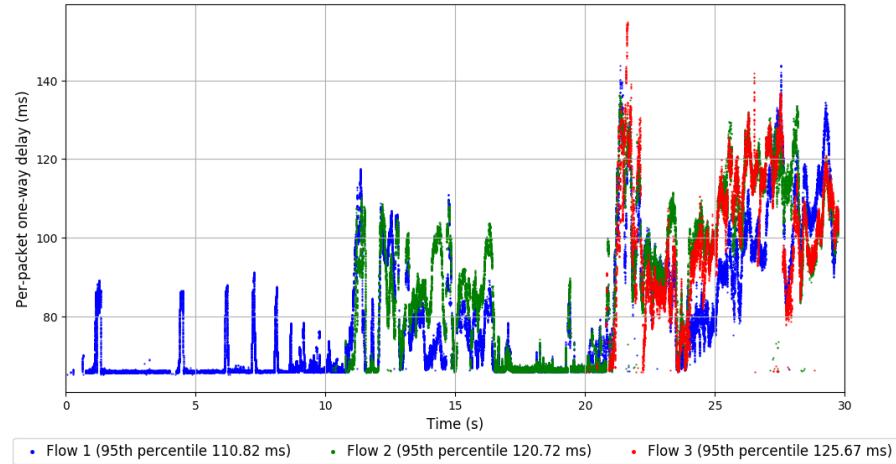
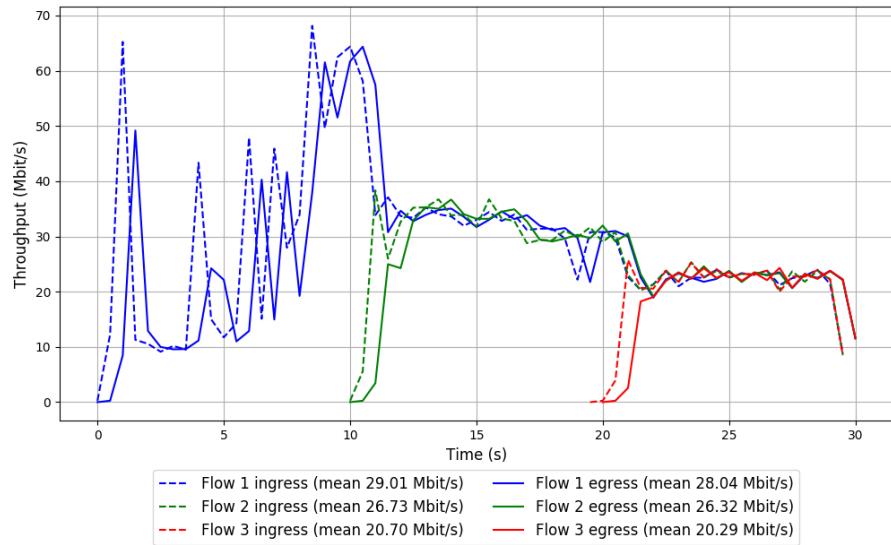


Run 10: Statistics of QUIC Cubic

```
Start at: 2018-06-30 04:24:09
End at: 2018-06-30 04:24:39
Local clock offset: 4.421 ms
Remote clock offset: -10.4 ms

# Below is generated by plot.py at 2018-06-30 04:58:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 52.03 Mbit/s
95th percentile per-packet one-way delay: 119.310 ms
Loss rate: 2.56%
-- Flow 1:
Average throughput: 28.04 Mbit/s
95th percentile per-packet one-way delay: 110.821 ms
Loss rate: 3.34%
-- Flow 2:
Average throughput: 26.32 Mbit/s
95th percentile per-packet one-way delay: 120.721 ms
Loss rate: 1.51%
-- Flow 3:
Average throughput: 20.29 Mbit/s
95th percentile per-packet one-way delay: 125.673 ms
Loss rate: 1.95%
```

Run 10: Report of QUIC Cubic — Data Link

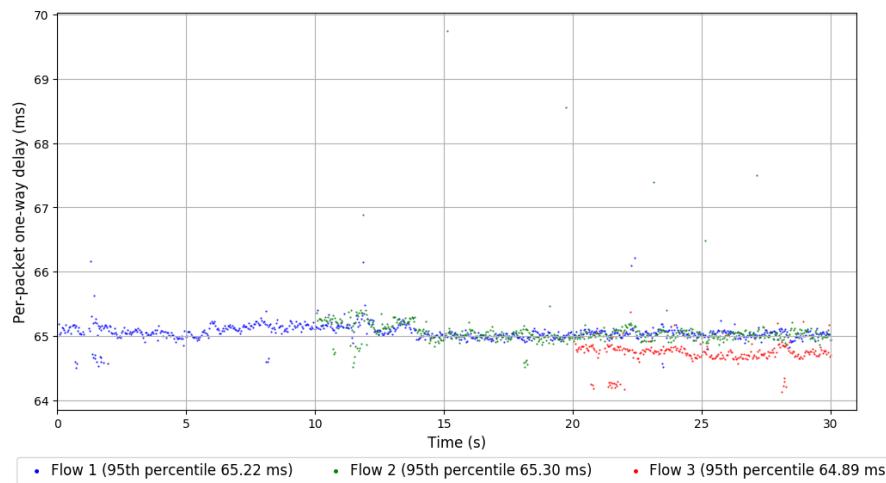
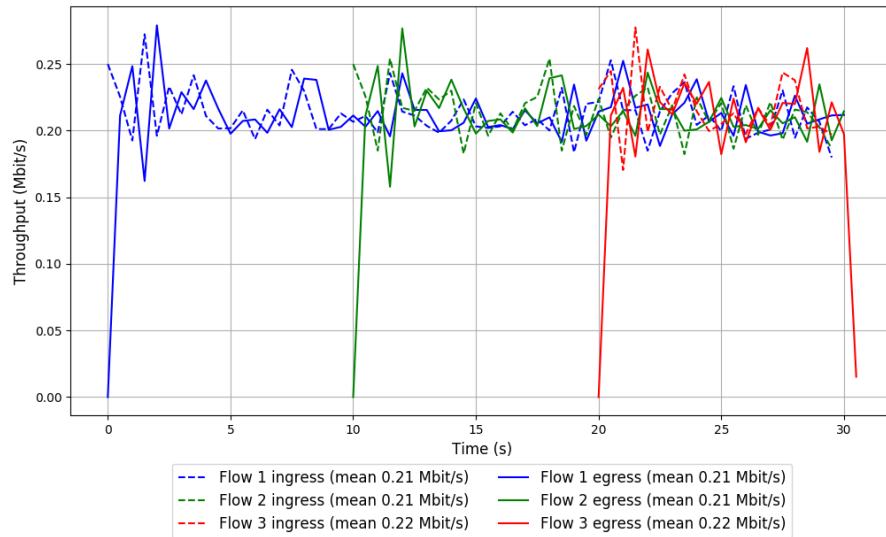


```
Run 1: Statistics of SCReAM

Start at: 2018-06-29 21:12:52
End at: 2018-06-29 21:13:22
Local clock offset: 0.004 ms
Remote clock offset: -9.929 ms

# Below is generated by plot.py at 2018-06-30 04:58:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 65.243 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 65.225 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 65.299 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 64.885 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

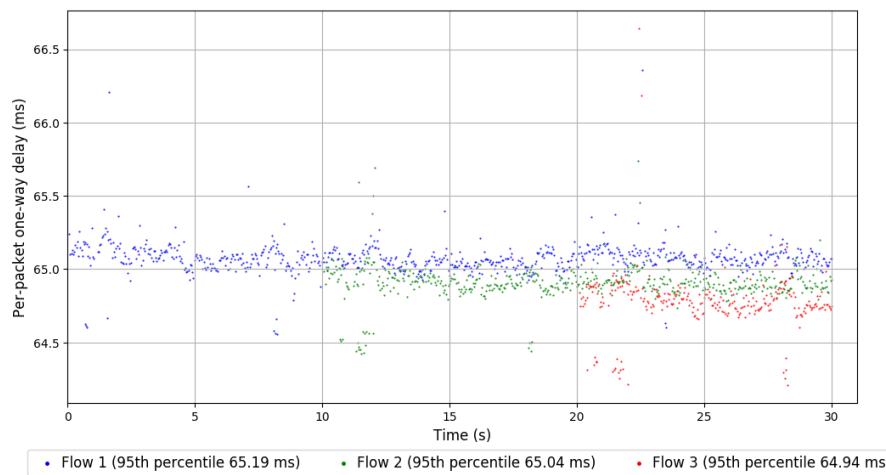
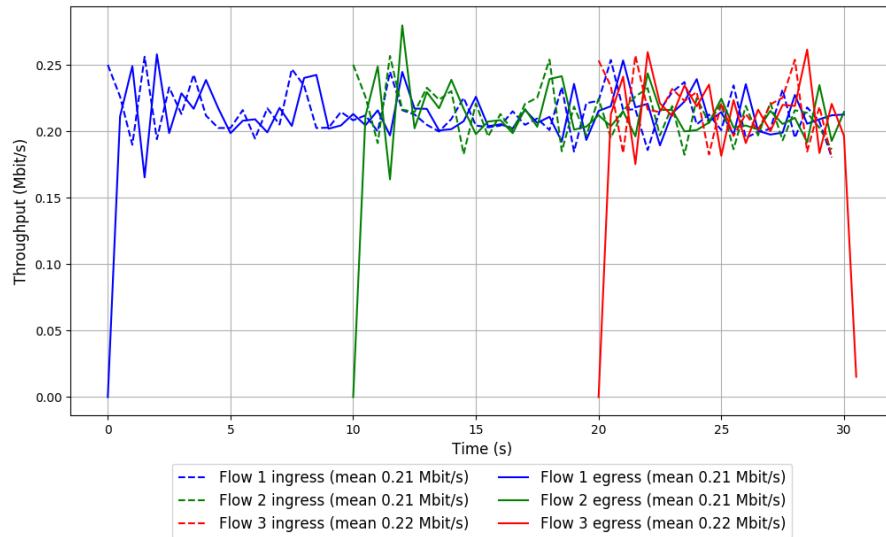


Run 2: Statistics of SCReAM

```
Start at: 2018-06-29 22:02:15
End at: 2018-06-29 22:02:45
Local clock offset: 5.223 ms
Remote clock offset: -9.361 ms

# Below is generated by plot.py at 2018-06-30 04:58:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 65.165 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 65.190 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 65.037 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 64.938 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

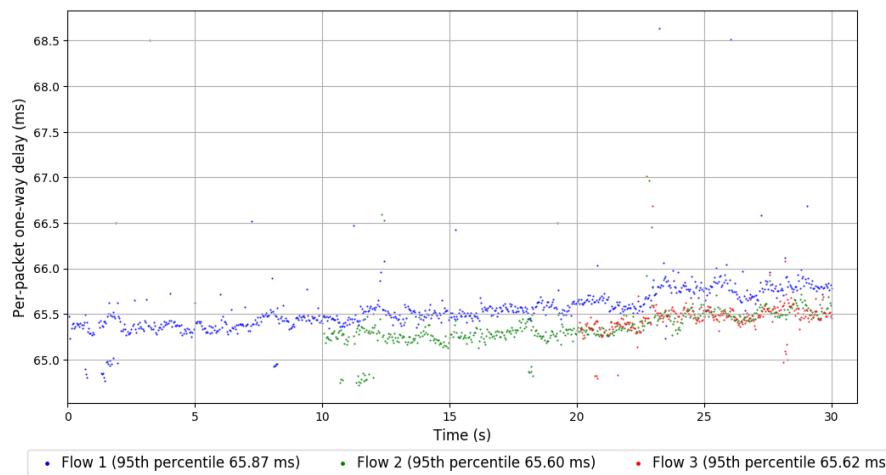
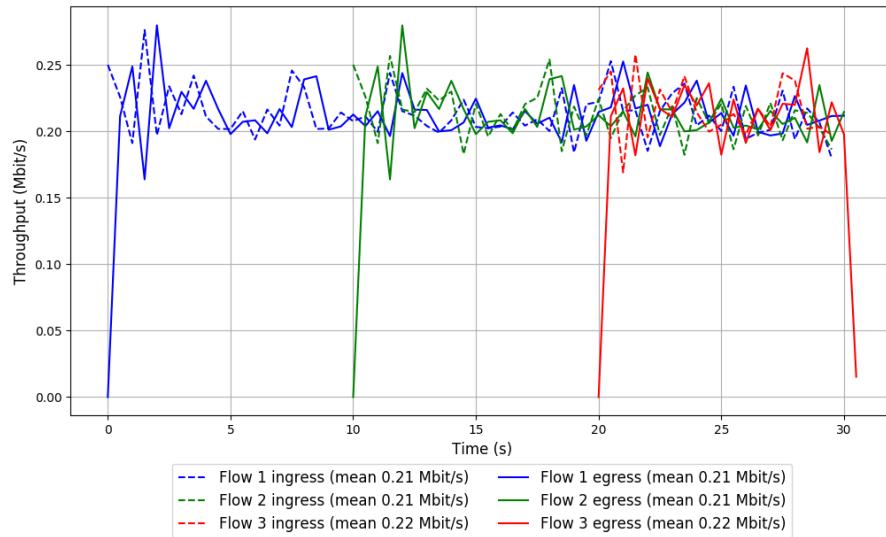


Run 3: Statistics of SCReAM

```
Start at: 2018-06-29 22:50:45
End at: 2018-06-29 22:51:15
Local clock offset: -0.948 ms
Remote clock offset: -9.34 ms

# Below is generated by plot.py at 2018-06-30 04:58:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 65.828 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 65.873 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 65.604 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 65.621 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

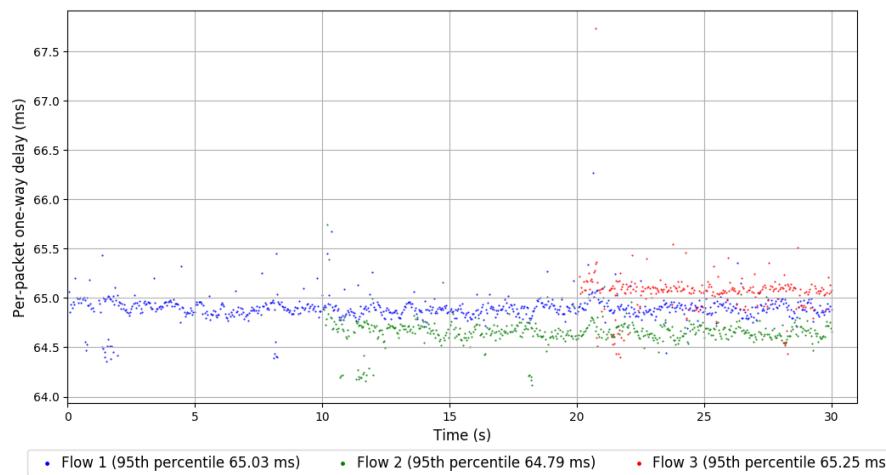
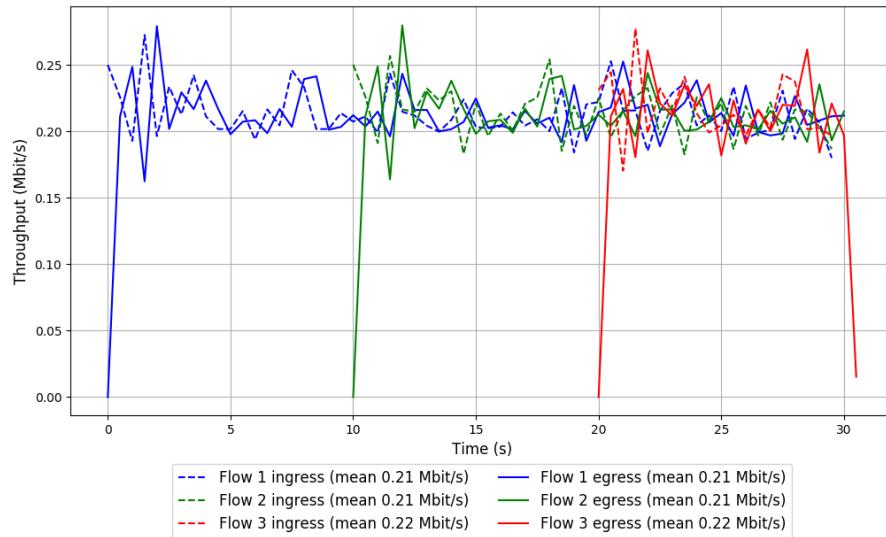


Run 4: Statistics of SCReAM

```
Start at: 2018-06-29 23:37:19
End at: 2018-06-29 23:37:49
Local clock offset: 5.073 ms
Remote clock offset: -12.689 ms

# Below is generated by plot.py at 2018-06-30 04:58:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 65.124 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 65.034 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 64.793 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 65.255 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

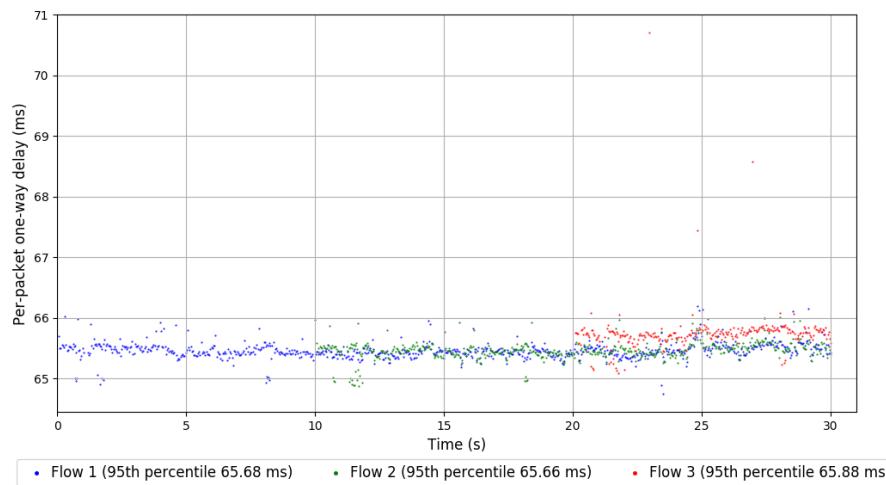
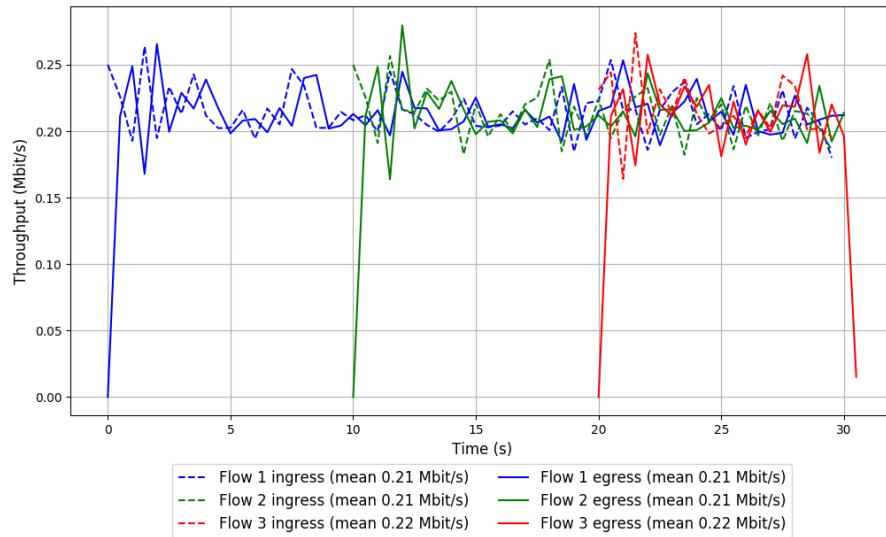


Run 5: Statistics of SCReAM

```
Start at: 2018-06-30 00:25:45
End at: 2018-06-30 00:26:15
Local clock offset: -0.229 ms
Remote clock offset: -7.879 ms

# Below is generated by plot.py at 2018-06-30 04:58:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 65.819 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 65.680 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 65.658 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 65.878 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

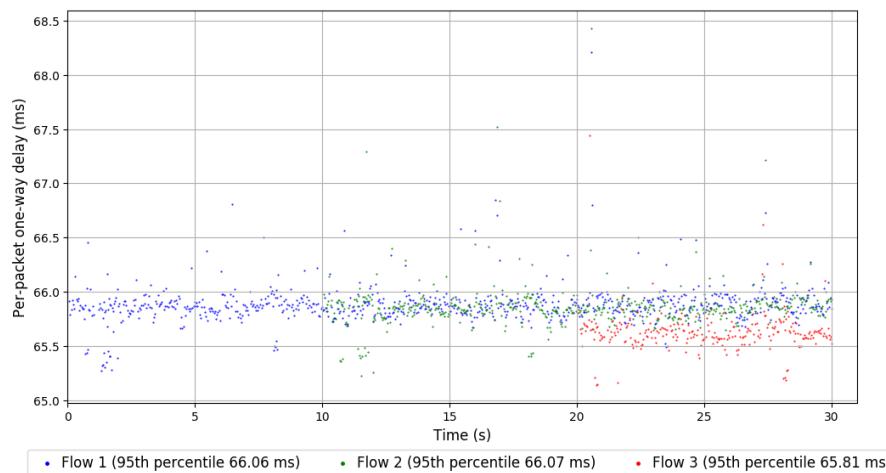
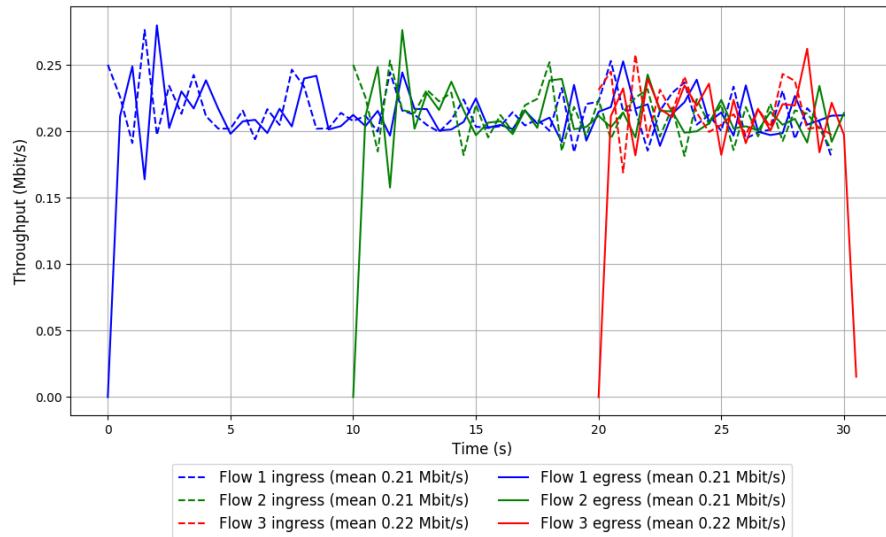


```
Run 6: Statistics of SCReAM

Start at: 2018-06-30 01:14:40
End at: 2018-06-30 01:15:10
Local clock offset: 5.567 ms
Remote clock offset: -9.721 ms

# Below is generated by plot.py at 2018-06-30 04:58:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 66.052 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 66.065 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 66.069 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 65.810 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link

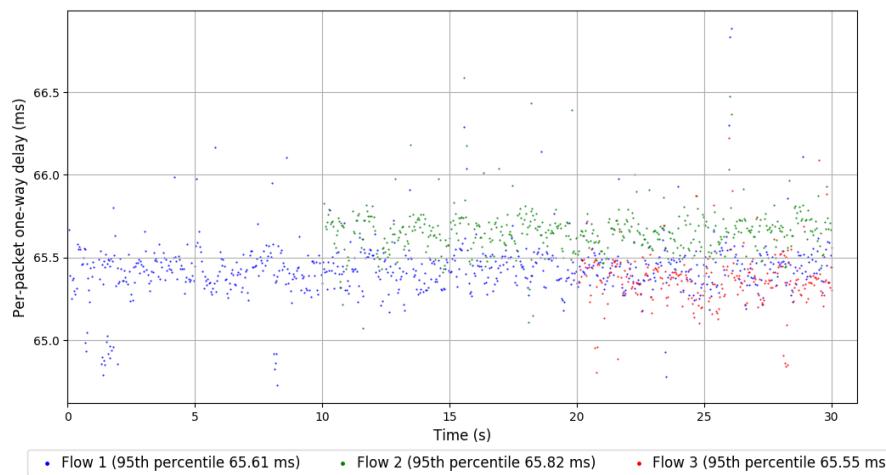
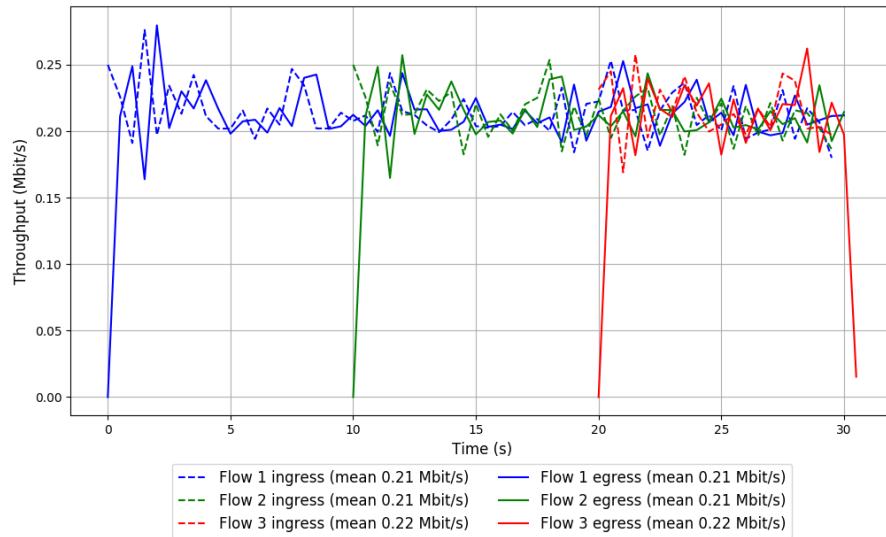


Run 7: Statistics of SCReAM

```
Start at: 2018-06-30 02:01:47
End at: 2018-06-30 02:02:17
Local clock offset: 4.205 ms
Remote clock offset: -10.616 ms

# Below is generated by plot.py at 2018-06-30 04:58:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 65.766 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 65.614 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 65.819 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 65.551 ms
Loss rate: 0.00%
```

Run 7: Report of SCReAM — Data Link

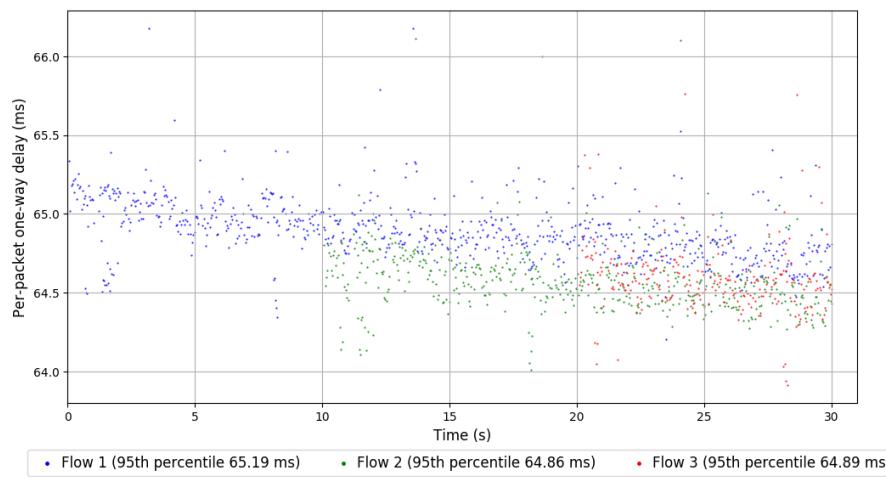
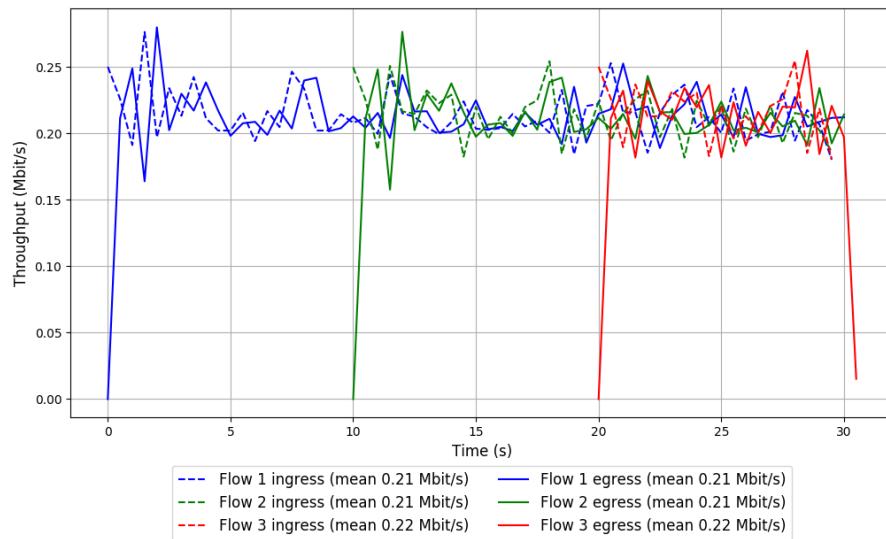


Run 8: Statistics of SCReAM

```
Start at: 2018-06-30 02:47:47
End at: 2018-06-30 02:48:17
Local clock offset: 7.153 ms
Remote clock offset: -6.603 ms

# Below is generated by plot.py at 2018-06-30 04:58:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 65.135 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 65.187 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 64.856 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 64.890 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

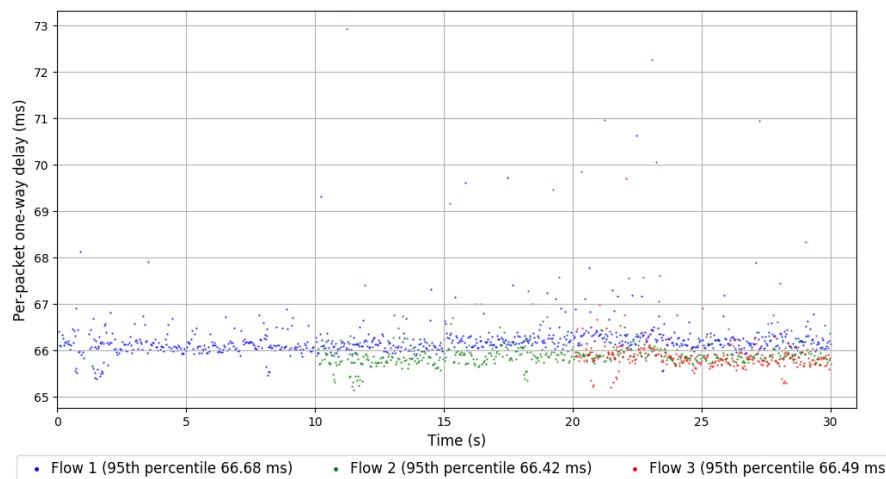
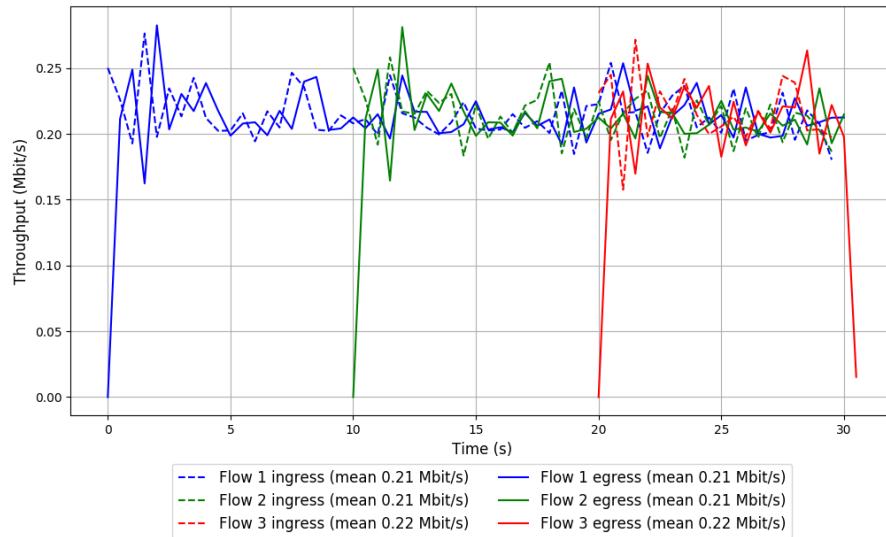


Run 9: Statistics of SCReAM

```
Start at: 2018-06-30 03:32:17
End at: 2018-06-30 03:32:47
Local clock offset: 5.461 ms
Remote clock offset: -9.807 ms

# Below is generated by plot.py at 2018-06-30 04:58:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 66.598 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 66.679 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 66.419 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 66.486 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

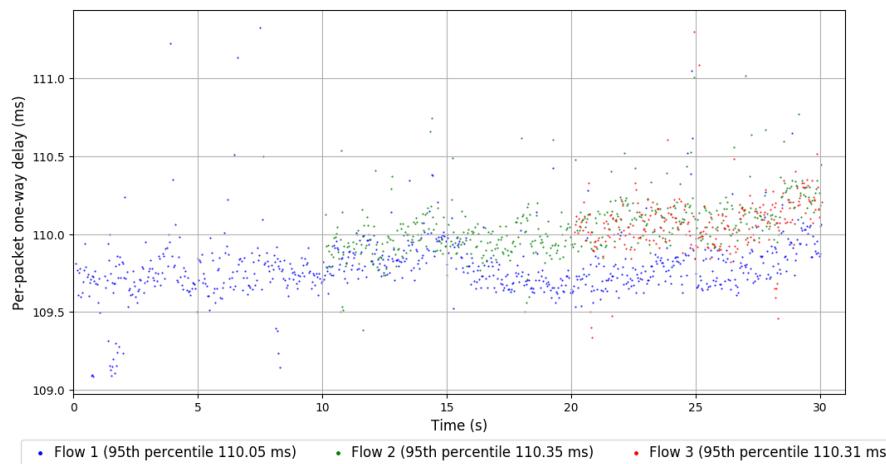
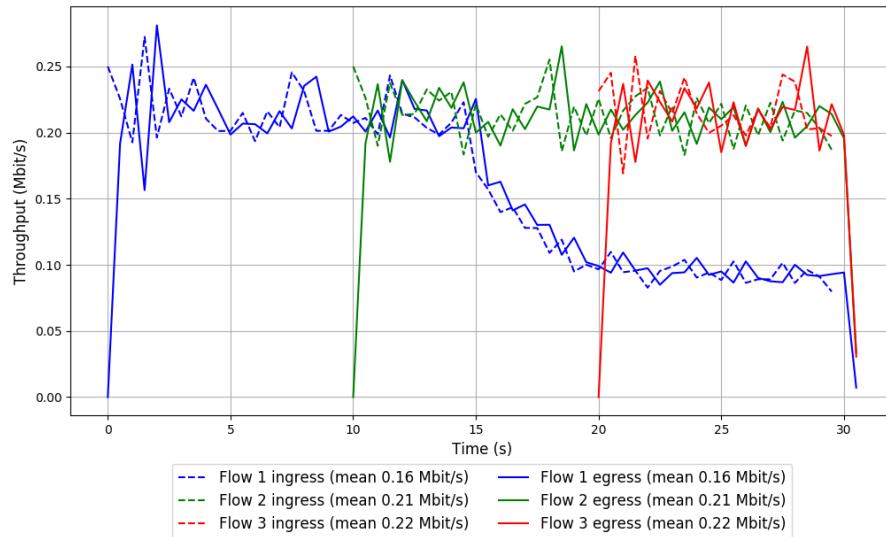


Run 10: Statistics of SCReAM

```
Start at: 2018-06-30 04:17:10
End at: 2018-06-30 04:17:40
Local clock offset: -0.73 ms
Remote clock offset: 32.528 ms

# Below is generated by plot.py at 2018-06-30 04:58:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 110.287 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 110.045 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 110.348 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 110.311 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

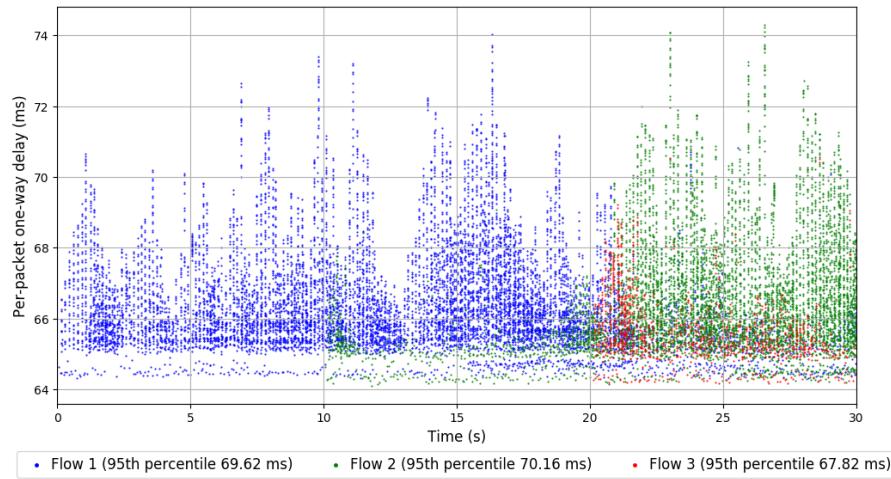
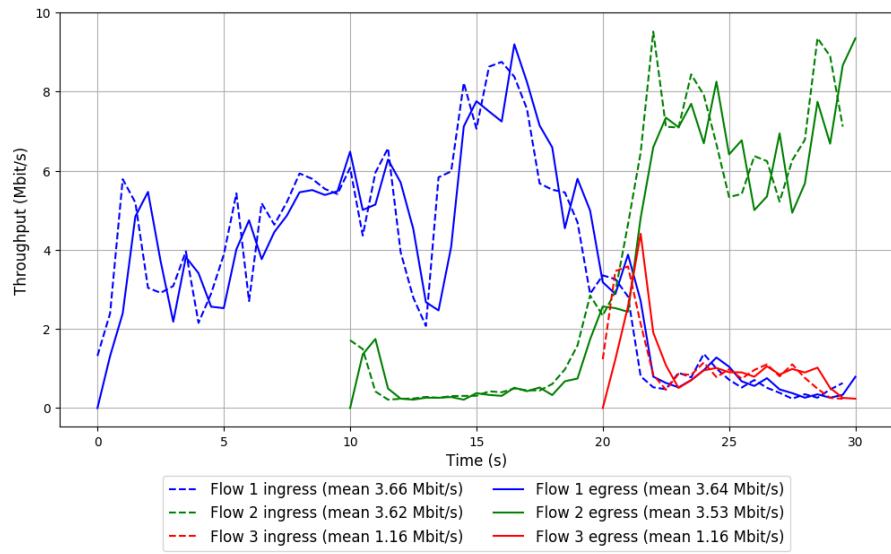


Run 1: Statistics of Sprout

```
Start at: 2018-06-29 21:24:22
End at: 2018-06-29 21:24:52
Local clock offset: 2.081 ms
Remote clock offset: -10.329 ms

# Below is generated by plot.py at 2018-06-30 04:58:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 6.37 Mbit/s
95th percentile per-packet one-way delay: 69.793 ms
Loss rate: 1.20%
-- Flow 1:
Average throughput: 3.64 Mbit/s
95th percentile per-packet one-way delay: 69.620 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 3.53 Mbit/s
95th percentile per-packet one-way delay: 70.155 ms
Loss rate: 2.46%
-- Flow 3:
Average throughput: 1.16 Mbit/s
95th percentile per-packet one-way delay: 67.819 ms
Loss rate: 0.00%
```

Run 1: Report of Sprout — Data Link

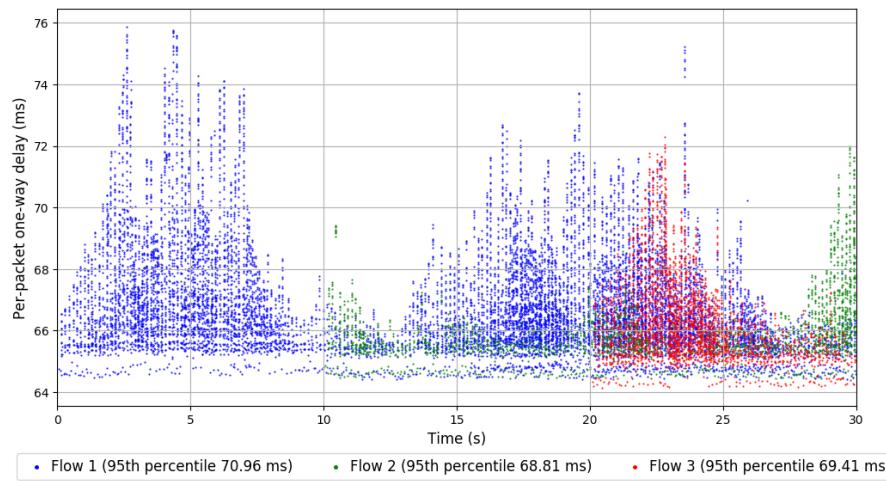
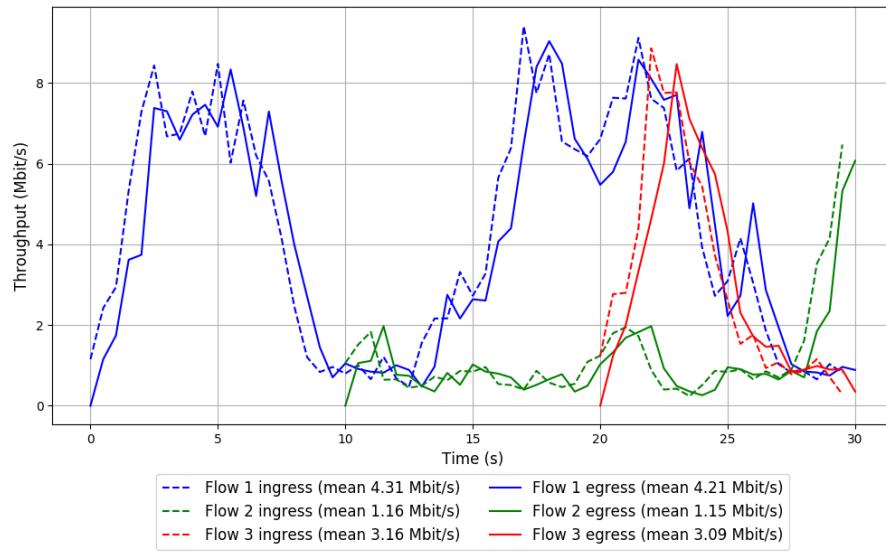


Run 2: Statistics of Sprout

```
Start at: 2018-06-29 22:13:02
End at: 2018-06-29 22:13:32
Local clock offset: 5.717 ms
Remote clock offset: -9.208 ms

# Below is generated by plot.py at 2018-06-30 04:58:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 6.00 Mbit/s
95th percentile per-packet one-way delay: 70.504 ms
Loss rate: 2.09%
-- Flow 1:
Average throughput: 4.21 Mbit/s
95th percentile per-packet one-way delay: 70.962 ms
Loss rate: 2.27%
-- Flow 2:
Average throughput: 1.15 Mbit/s
95th percentile per-packet one-way delay: 68.815 ms
Loss rate: 0.87%
-- Flow 3:
Average throughput: 3.09 Mbit/s
95th percentile per-packet one-way delay: 69.412 ms
Loss rate: 2.25%
```

Run 2: Report of Sprout — Data Link

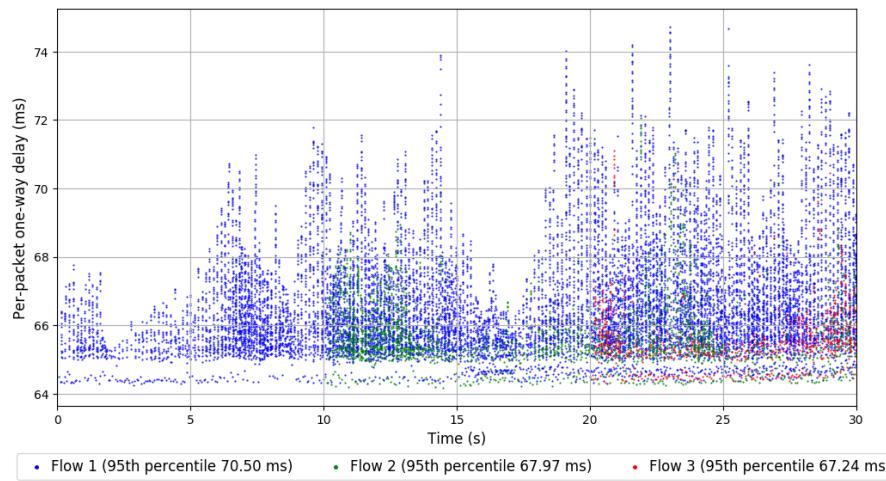
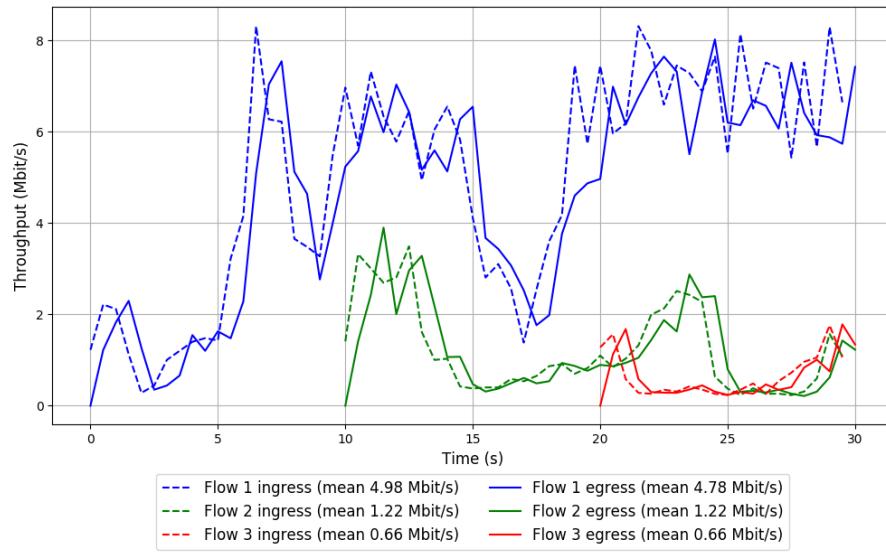


Run 3: Statistics of Sprout

```
Start at: 2018-06-29 23:00:17
End at: 2018-06-29 23:00:47
Local clock offset: 3.33 ms
Remote clock offset: -10.85 ms

# Below is generated by plot.py at 2018-06-30 04:58:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 5.81 Mbit/s
95th percentile per-packet one-way delay: 70.247 ms
Loss rate: 3.24%
-- Flow 1:
Average throughput: 4.78 Mbit/s
95th percentile per-packet one-way delay: 70.497 ms
Loss rate: 3.91%
-- Flow 2:
Average throughput: 1.22 Mbit/s
95th percentile per-packet one-way delay: 67.968 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.66 Mbit/s
95th percentile per-packet one-way delay: 67.236 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

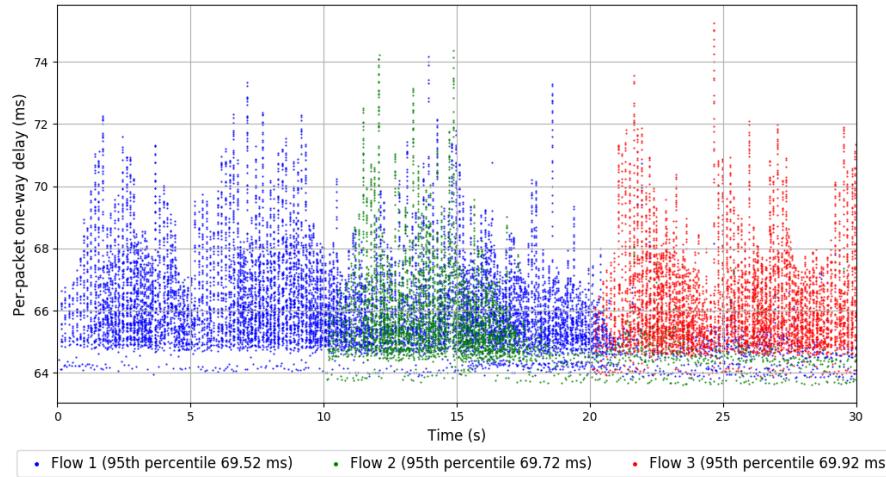
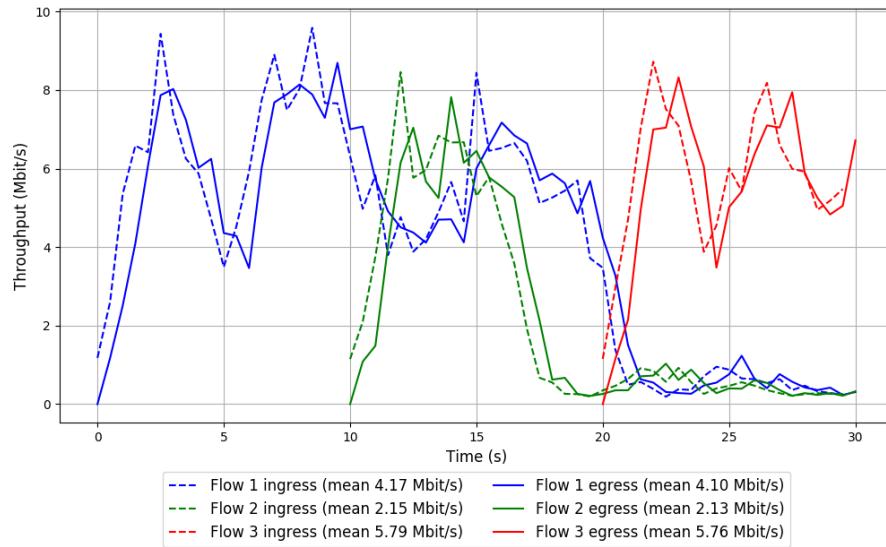


Run 4: Statistics of Sprout

```
Start at: 2018-06-29 23:47:21
End at: 2018-06-29 23:47:51
Local clock offset: 4.495 ms
Remote clock offset: -13.04 ms

# Below is generated by plot.py at 2018-06-30 04:58:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.42 Mbit/s
95th percentile per-packet one-way delay: 69.669 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 4.10 Mbit/s
95th percentile per-packet one-way delay: 69.520 ms
Loss rate: 1.52%
-- Flow 2:
Average throughput: 2.13 Mbit/s
95th percentile per-packet one-way delay: 69.718 ms
Loss rate: 1.03%
-- Flow 3:
Average throughput: 5.76 Mbit/s
95th percentile per-packet one-way delay: 69.923 ms
Loss rate: 0.55%
```

Run 4: Report of Sprout — Data Link

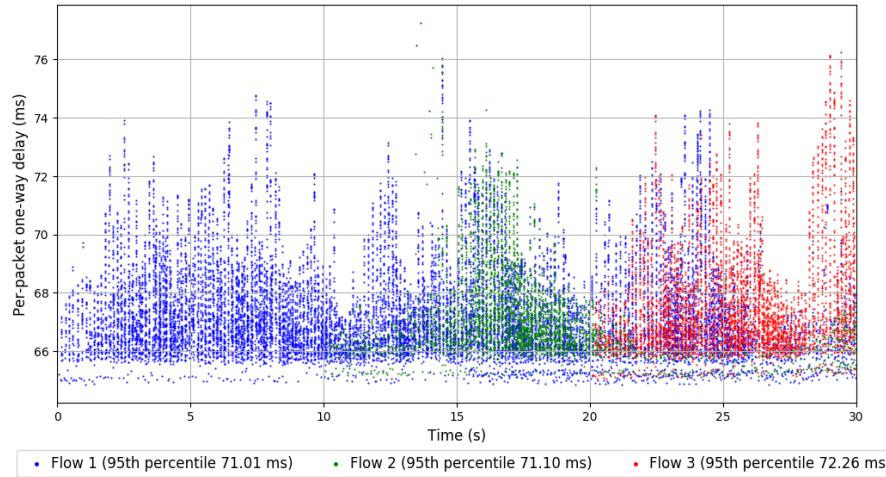
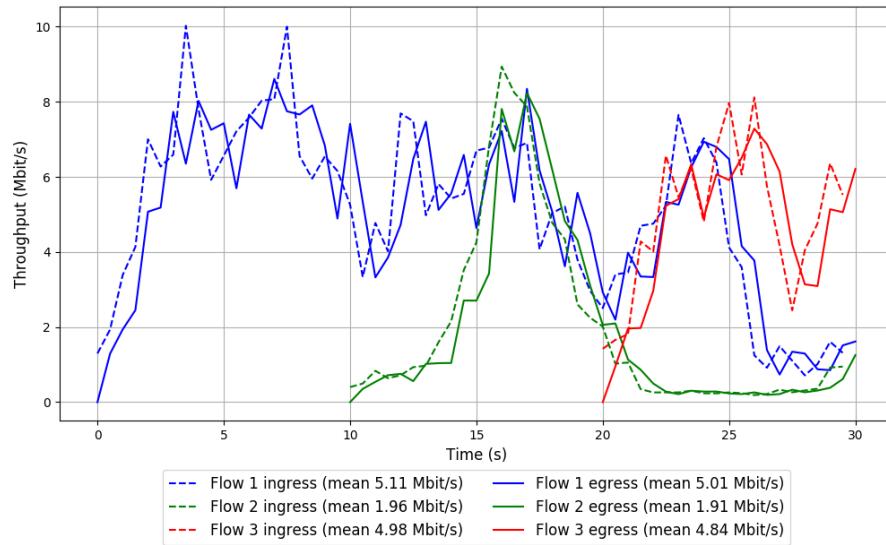


Run 5: Statistics of Sprout

```
Start at: 2018-06-30 00:36:42
End at: 2018-06-30 00:37:12
Local clock offset: -0.519 ms
Remote clock offset: -8.303 ms

# Below is generated by plot.py at 2018-06-30 04:58:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.88 Mbit/s
95th percentile per-packet one-way delay: 71.287 ms
Loss rate: 2.26%
-- Flow 1:
Average throughput: 5.01 Mbit/s
95th percentile per-packet one-way delay: 71.010 ms
Loss rate: 1.86%
-- Flow 2:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 71.099 ms
Loss rate: 3.00%
-- Flow 3:
Average throughput: 4.84 Mbit/s
95th percentile per-packet one-way delay: 72.259 ms
Loss rate: 2.90%
```

Run 5: Report of Sprout — Data Link

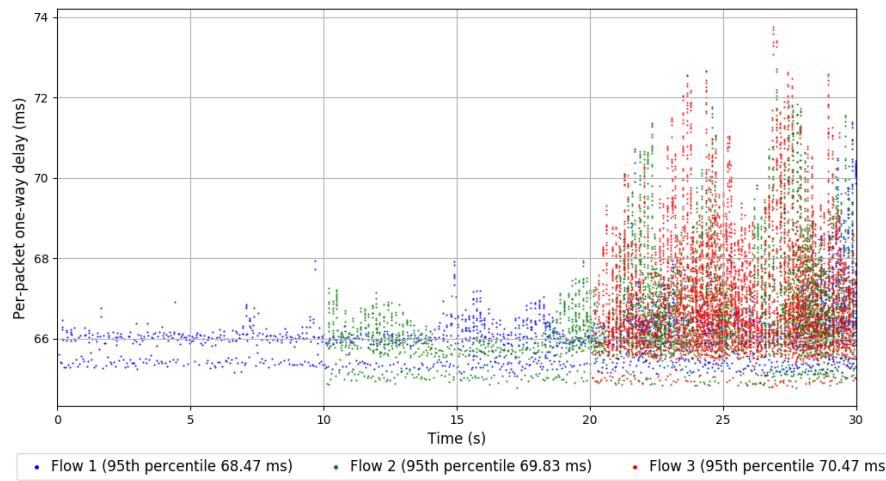
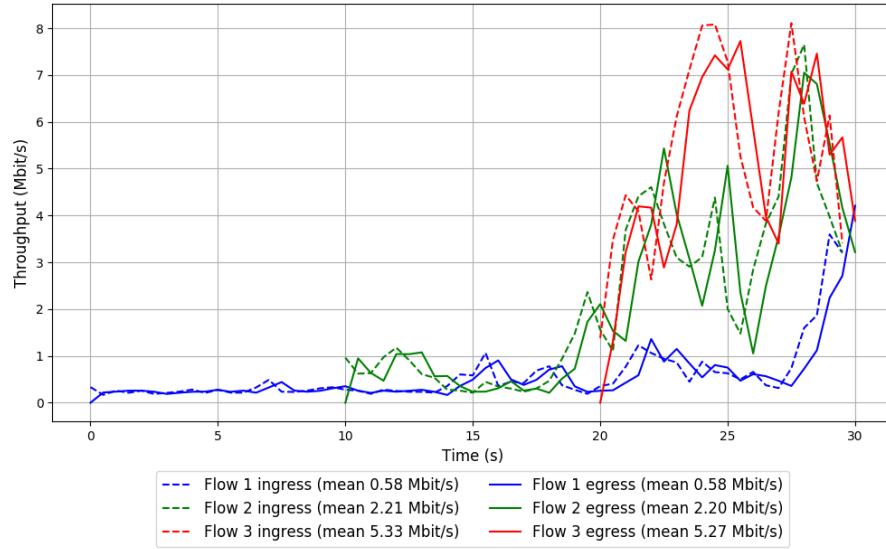


Run 6: Statistics of Sprout

```
Start at: 2018-06-30 01:25:35
End at: 2018-06-30 01:26:05
Local clock offset: 1.324 ms
Remote clock offset: -9.91 ms

# Below is generated by plot.py at 2018-06-30 04:58:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.78 Mbit/s
95th percentile per-packet one-way delay: 69.981 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 68.465 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 2.20 Mbit/s
95th percentile per-packet one-way delay: 69.835 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 5.27 Mbit/s
95th percentile per-packet one-way delay: 70.465 ms
Loss rate: 1.24%
```

Run 6: Report of Sprout — Data Link

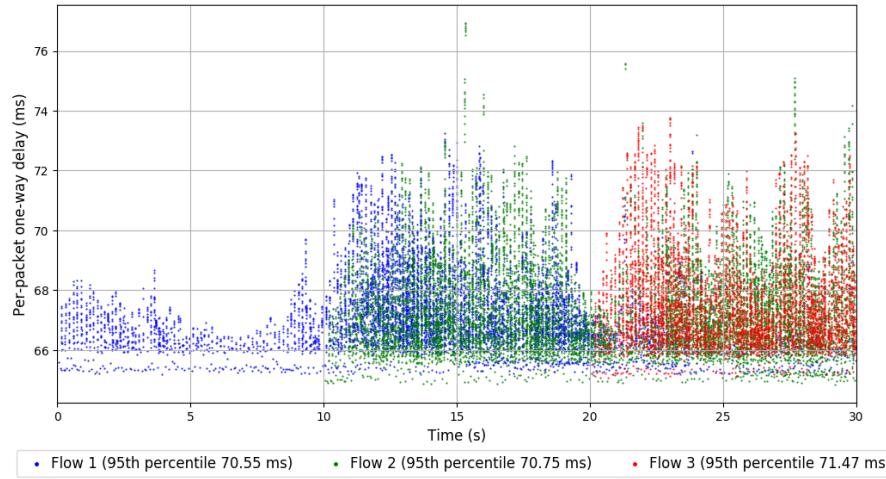
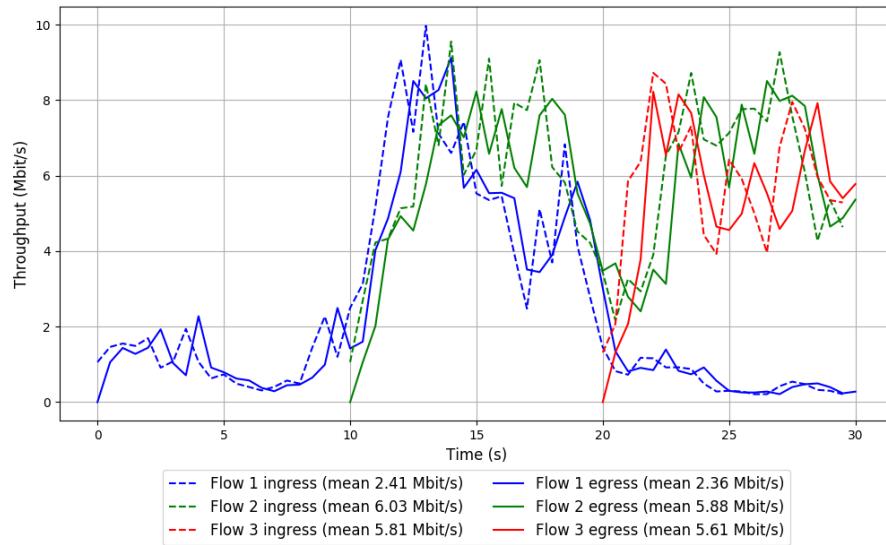


Run 7: Statistics of Sprout

```
Start at: 2018-06-30 02:12:37
End at: 2018-06-30 02:13:07
Local clock offset: 5.031 ms
Remote clock offset: -10.56 ms

# Below is generated by plot.py at 2018-06-30 04:58:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.12 Mbit/s
95th percentile per-packet one-way delay: 70.826 ms
Loss rate: 2.57%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 70.545 ms
Loss rate: 1.97%
-- Flow 2:
Average throughput: 5.88 Mbit/s
95th percentile per-packet one-way delay: 70.746 ms
Loss rate: 2.57%
-- Flow 3:
Average throughput: 5.61 Mbit/s
95th percentile per-packet one-way delay: 71.467 ms
Loss rate: 3.34%
```

Run 7: Report of Sprout — Data Link

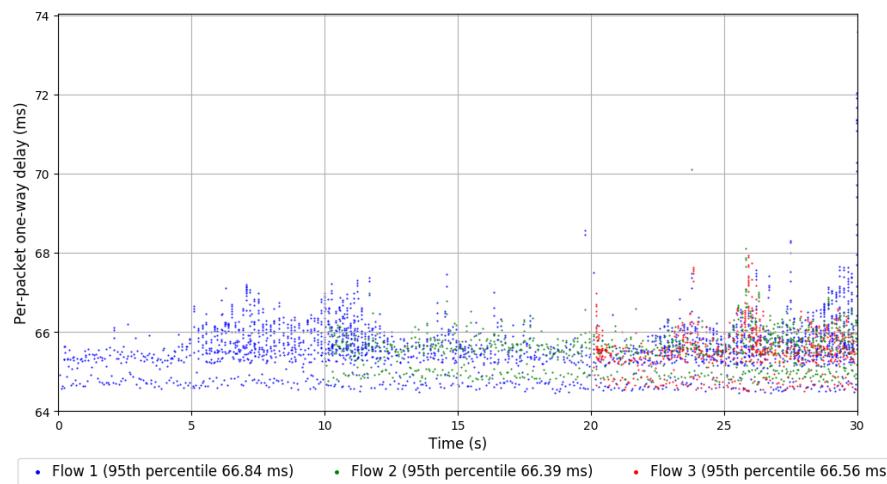
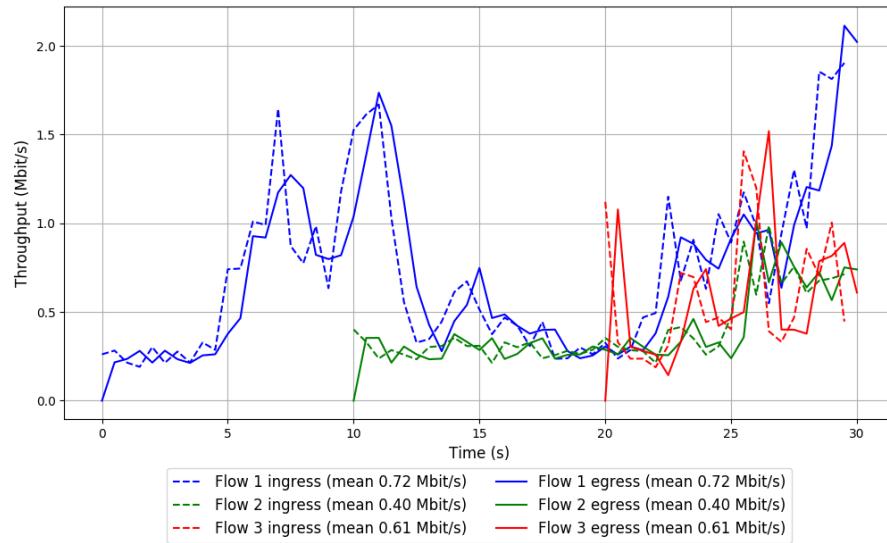


Run 8: Statistics of Sprout

```
Start at: 2018-06-30 02:58:44
End at: 2018-06-30 02:59:14
Local clock offset: 1.028 ms
Remote clock offset: -7.922 ms

# Below is generated by plot.py at 2018-06-30 04:58:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.19 Mbit/s
95th percentile per-packet one-way delay: 66.701 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 0.72 Mbit/s
95th percentile per-packet one-way delay: 66.840 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 66.385 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 0.61 Mbit/s
95th percentile per-packet one-way delay: 66.558 ms
Loss rate: 0.00%
```

Run 8: Report of Sprout — Data Link

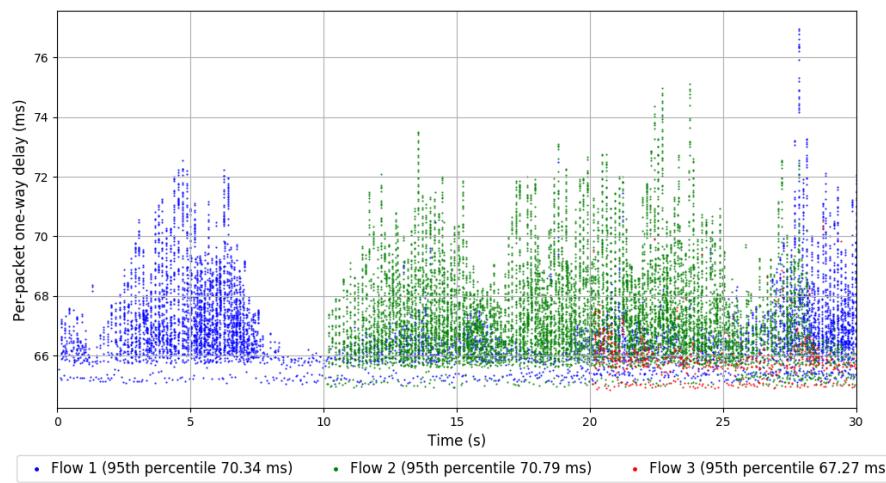
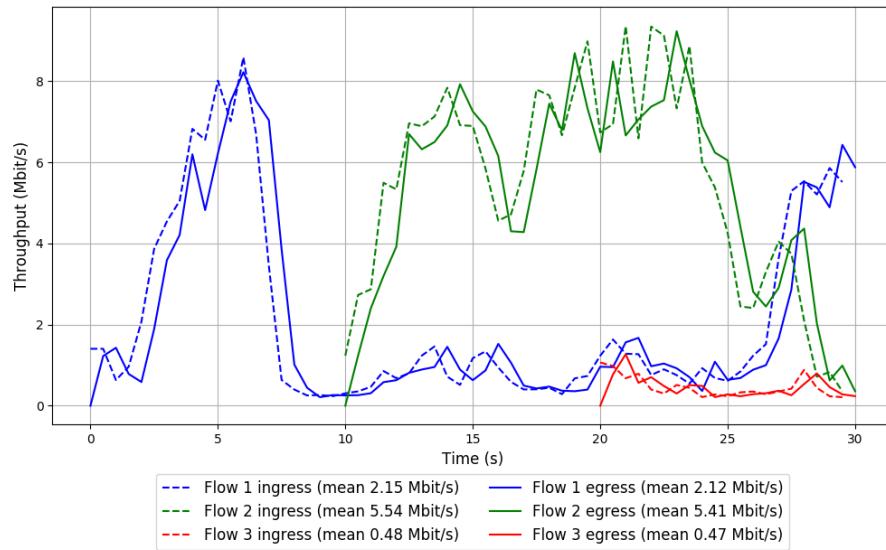


Run 9: Statistics of Sprout

```
Start at: 2018-06-30 03:41:56
End at: 2018-06-30 03:42:26
Local clock offset: 6.859 ms
Remote clock offset: -10.586 ms

# Below is generated by plot.py at 2018-06-30 04:58:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 5.87 Mbit/s
95th percentile per-packet one-way delay: 70.580 ms
Loss rate: 1.93%
-- Flow 1:
Average throughput: 2.12 Mbit/s
95th percentile per-packet one-way delay: 70.341 ms
Loss rate: 1.36%
-- Flow 2:
Average throughput: 5.41 Mbit/s
95th percentile per-packet one-way delay: 70.791 ms
Loss rate: 2.33%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 67.269 ms
Loss rate: 0.47%
```

Run 9: Report of Sprout — Data Link

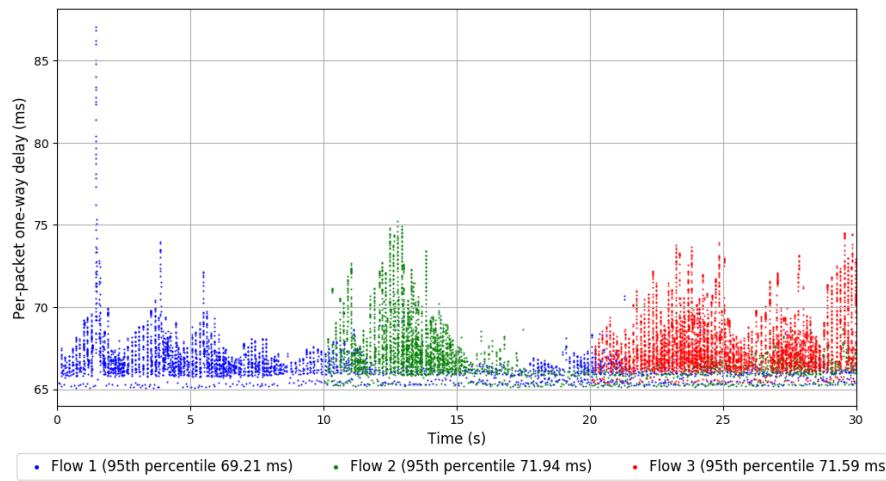
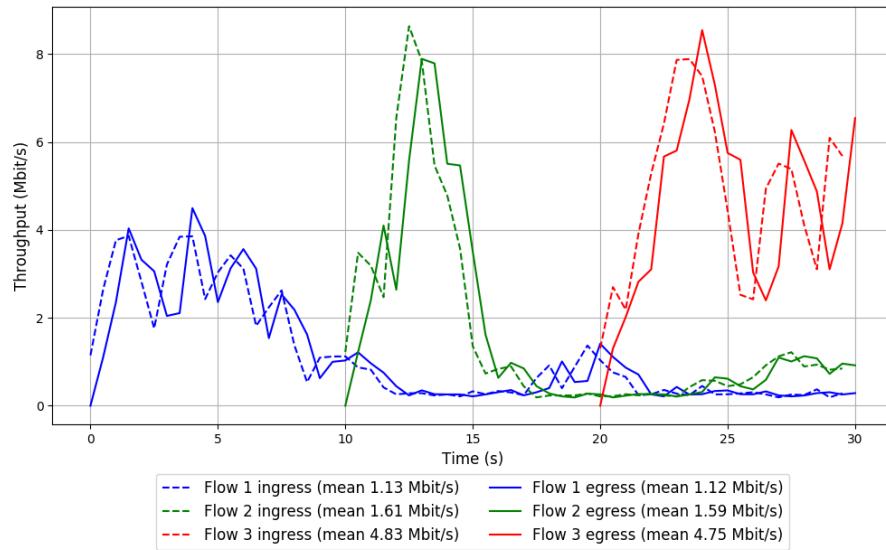


Run 10: Statistics of Sprout

```
Start at: 2018-06-30 04:27:31
End at: 2018-06-30 04:28:01
Local clock offset: 5.896 ms
Remote clock offset: -10.372 ms

# Below is generated by plot.py at 2018-06-30 04:58:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.75 Mbit/s
95th percentile per-packet one-way delay: 71.310 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 1.12 Mbit/s
95th percentile per-packet one-way delay: 69.210 ms
Loss rate: 0.69%
-- Flow 2:
Average throughput: 1.59 Mbit/s
95th percentile per-packet one-way delay: 71.935 ms
Loss rate: 1.27%
-- Flow 3:
Average throughput: 4.75 Mbit/s
95th percentile per-packet one-way delay: 71.586 ms
Loss rate: 1.56%
```

Run 10: Report of Sprout — Data Link

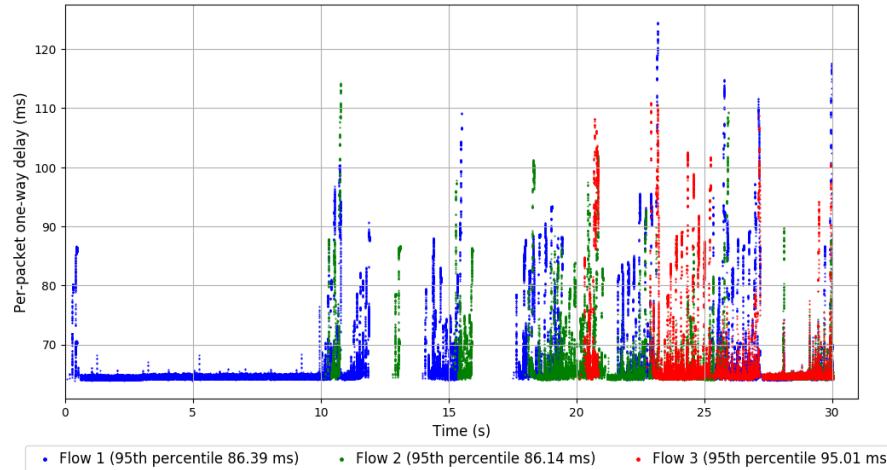
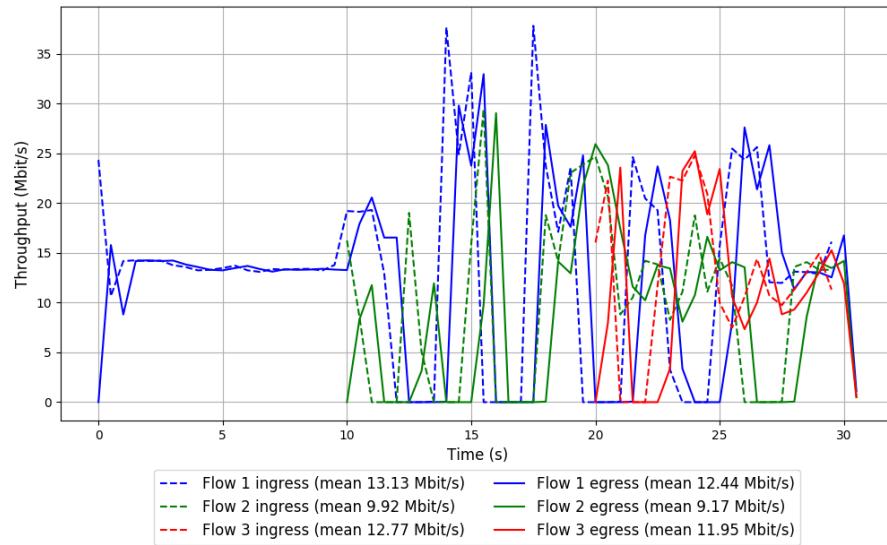


Run 1: Statistics of TaoVA-100x

```
Start at: 2018-06-29 21:42:54
End at: 2018-06-29 21:43:24
Local clock offset: 3.794 ms
Remote clock offset: -10.195 ms

# Below is generated by plot.py at 2018-06-30 04:58:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 22.50 Mbit/s
95th percentile per-packet one-way delay: 87.330 ms
Loss rate: 6.12%
-- Flow 1:
Average throughput: 12.44 Mbit/s
95th percentile per-packet one-way delay: 86.390 ms
Loss rate: 5.26%
-- Flow 2:
Average throughput: 9.17 Mbit/s
95th percentile per-packet one-way delay: 86.136 ms
Loss rate: 7.65%
-- Flow 3:
Average throughput: 11.95 Mbit/s
95th percentile per-packet one-way delay: 95.009 ms
Loss rate: 6.37%
```

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

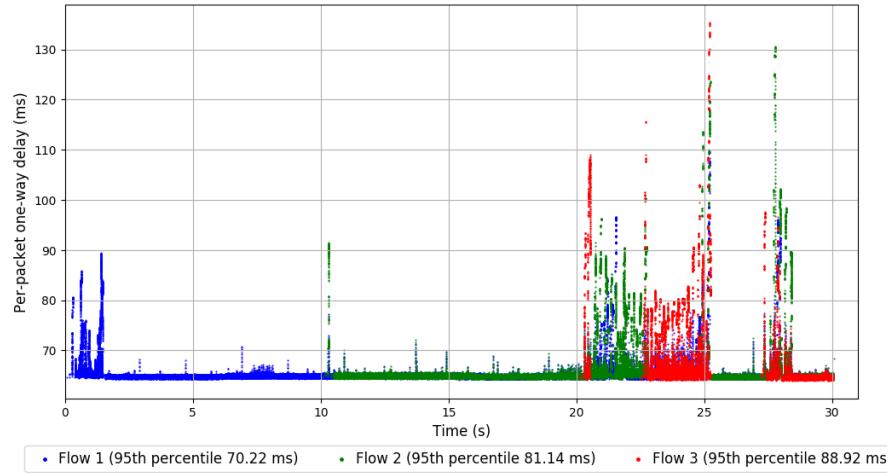
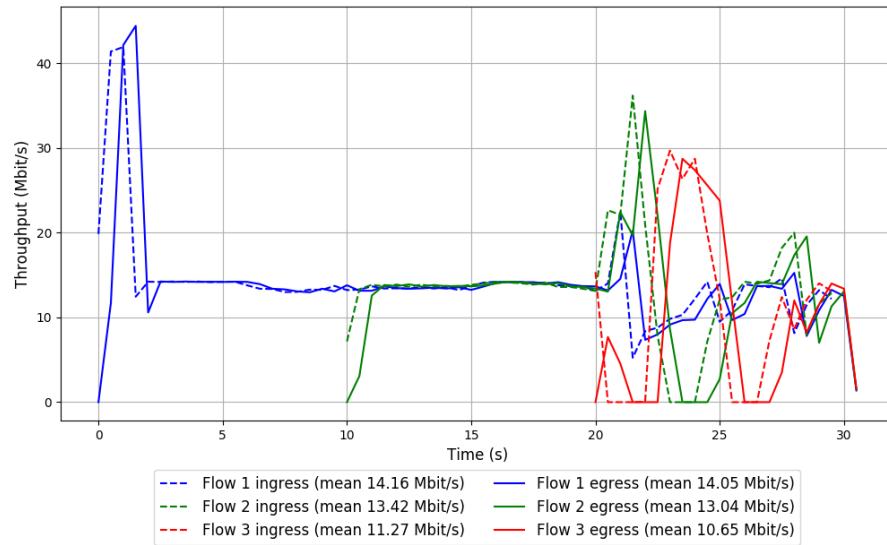


Run 2: Statistics of TaoVA-100x

```
Start at: 2018-06-29 22:31:01
End at: 2018-06-29 22:31:31
Local clock offset: -3.184 ms
Remote clock offset: -8.931 ms

# Below is generated by plot.py at 2018-06-30 04:58:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.27 Mbit/s
95th percentile per-packet one-way delay: 77.960 ms
Loss rate: 2.13%
-- Flow 1:
Average throughput: 14.05 Mbit/s
95th percentile per-packet one-way delay: 70.223 ms
Loss rate: 0.78%
-- Flow 2:
Average throughput: 13.04 Mbit/s
95th percentile per-packet one-way delay: 81.144 ms
Loss rate: 2.86%
-- Flow 3:
Average throughput: 10.65 Mbit/s
95th percentile per-packet one-way delay: 88.916 ms
Loss rate: 5.53%
```

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

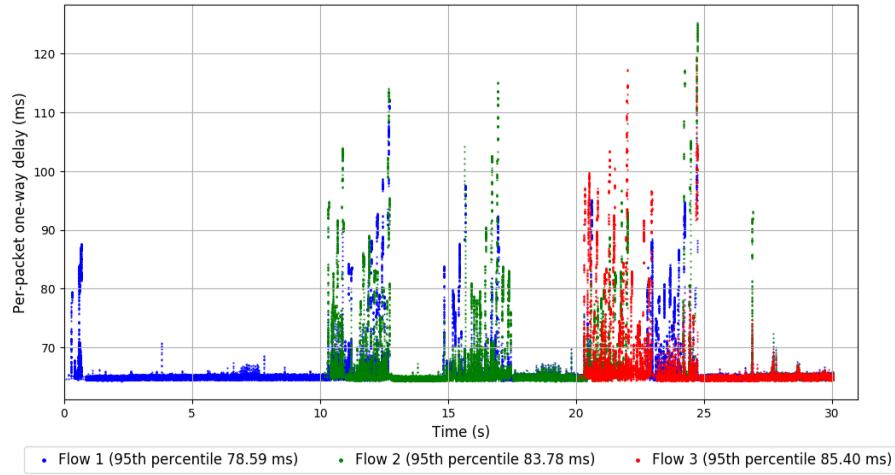
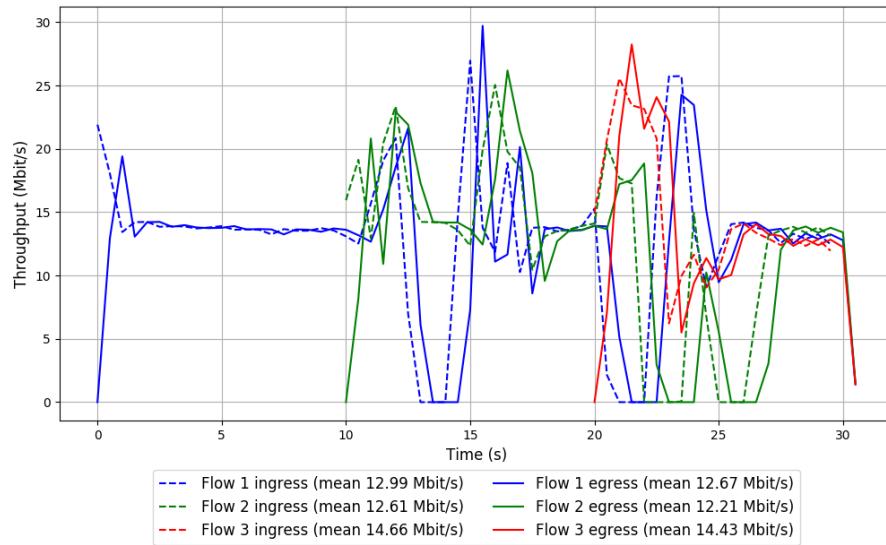


Run 3: Statistics of TaoVA-100x

```
Start at: 2018-06-29 23:18:04
End at: 2018-06-29 23:18:34
Local clock offset: 5.306 ms
Remote clock offset: -11.772 ms

# Below is generated by plot.py at 2018-06-30 04:58:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 25.61 Mbit/s
95th percentile per-packet one-way delay: 82.234 ms
Loss rate: 2.53%
-- Flow 1:
Average throughput: 12.67 Mbit/s
95th percentile per-packet one-way delay: 78.595 ms
Loss rate: 2.46%
-- Flow 2:
Average throughput: 12.21 Mbit/s
95th percentile per-packet one-way delay: 83.784 ms
Loss rate: 3.19%
-- Flow 3:
Average throughput: 14.43 Mbit/s
95th percentile per-packet one-way delay: 85.401 ms
Loss rate: 1.55%
```

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

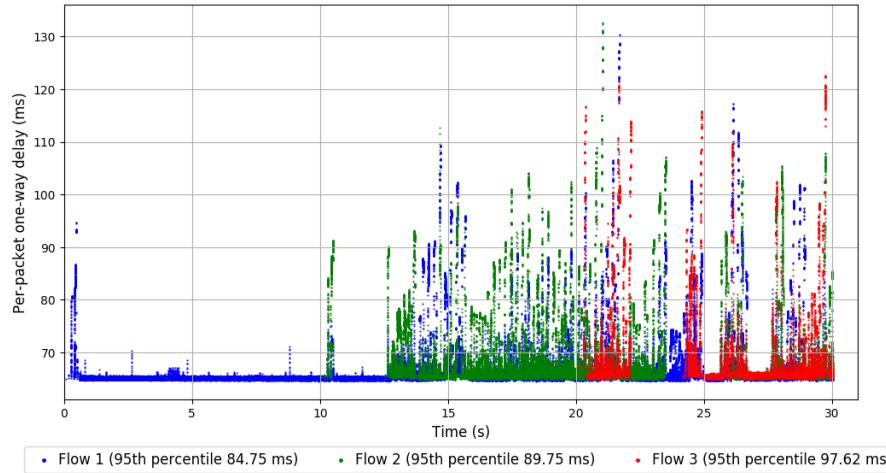
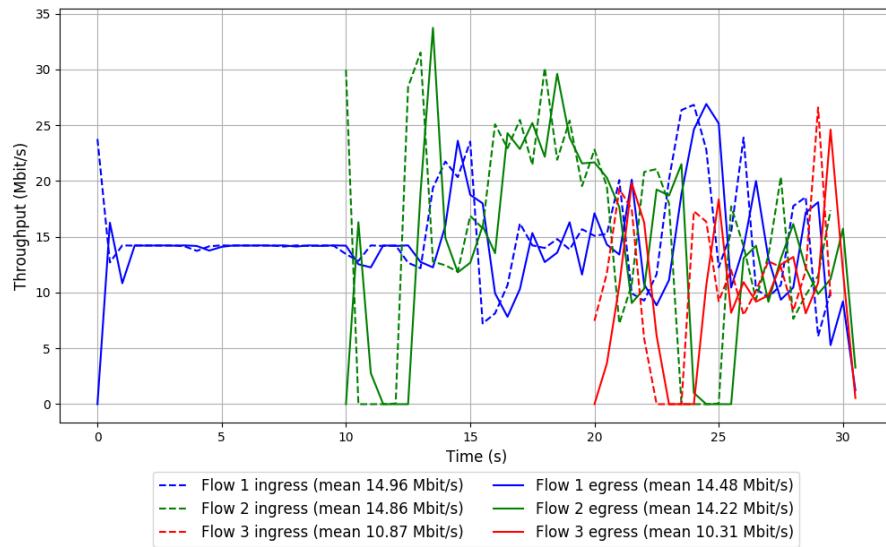


Run 4: Statistics of TaoVA-100x

```
Start at: 2018-06-30 00:05:39
End at: 2018-06-30 00:06:09
Local clock offset: 0.661 ms
Remote clock offset: -9.856 ms

# Below is generated by plot.py at 2018-06-30 04:58:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 27.37 Mbit/s
95th percentile per-packet one-way delay: 88.428 ms
Loss rate: 3.84%
-- Flow 1:
Average throughput: 14.48 Mbit/s
95th percentile per-packet one-way delay: 84.754 ms
Loss rate: 3.23%
-- Flow 2:
Average throughput: 14.22 Mbit/s
95th percentile per-packet one-way delay: 89.747 ms
Loss rate: 4.29%
-- Flow 3:
Average throughput: 10.31 Mbit/s
95th percentile per-packet one-way delay: 97.625 ms
Loss rate: 5.14%
```

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

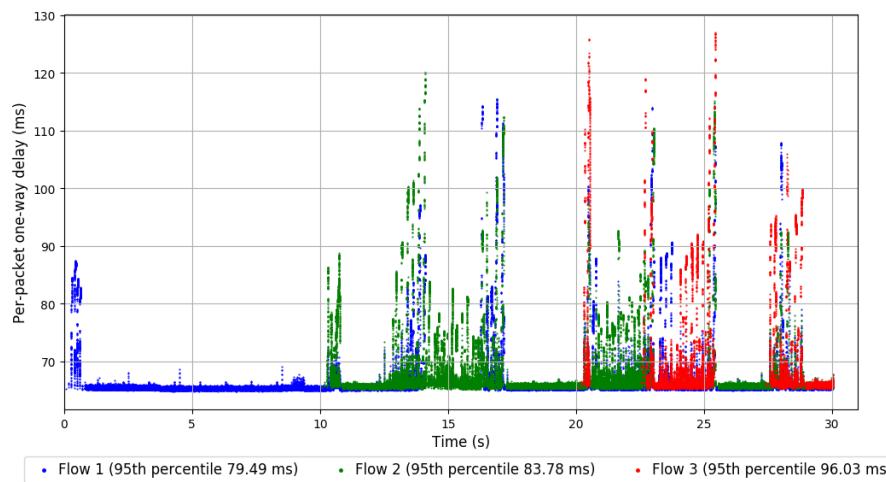
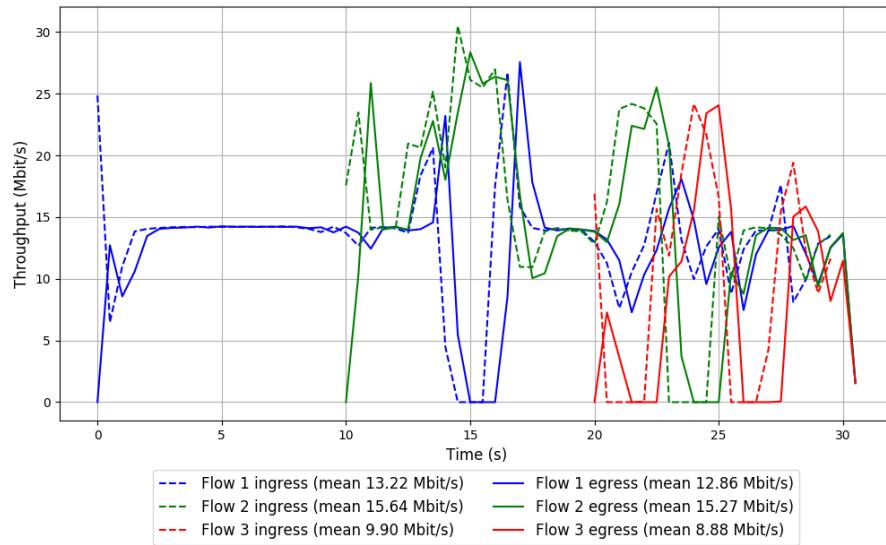


Run 5: Statistics of TaoVA-100x

```
Start at: 2018-06-30 00:55:16
End at: 2018-06-30 00:55:46
Local clock offset: 3.176 ms
Remote clock offset: -8.65 ms

# Below is generated by plot.py at 2018-06-30 04:58:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 25.99 Mbit/s
95th percentile per-packet one-way delay: 85.696 ms
Loss rate: 3.48%
-- Flow 1:
Average throughput: 12.86 Mbit/s
95th percentile per-packet one-way delay: 79.490 ms
Loss rate: 2.66%
-- Flow 2:
Average throughput: 15.27 Mbit/s
95th percentile per-packet one-way delay: 83.777 ms
Loss rate: 2.38%
-- Flow 3:
Average throughput: 8.88 Mbit/s
95th percentile per-packet one-way delay: 96.031 ms
Loss rate: 10.28%
```

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

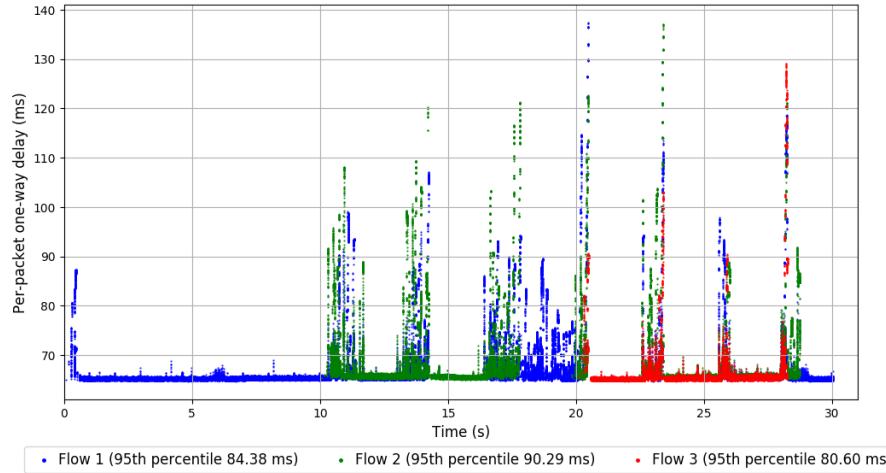
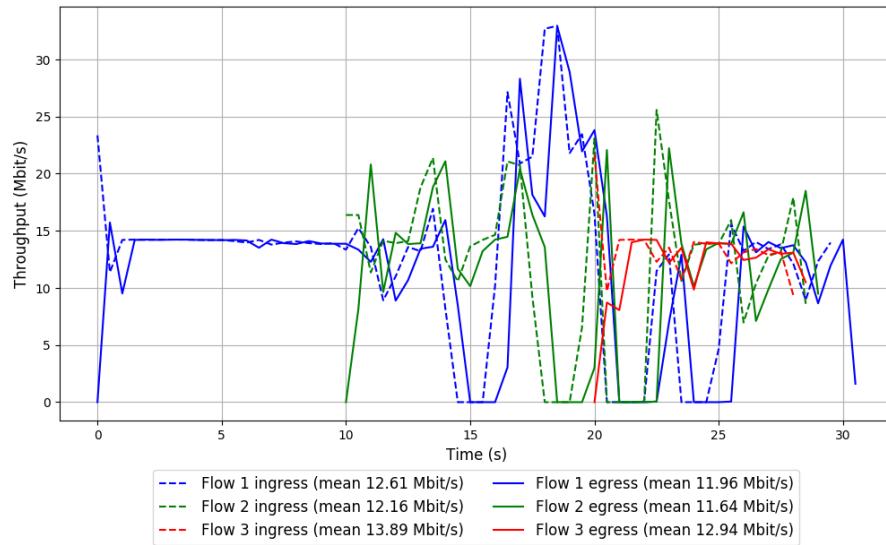


Run 6: Statistics of TaoVA-100x

```
Start at: 2018-06-30 01:43:12
End at: 2018-06-30 01:43:42
Local clock offset: -1.173 ms
Remote clock offset: -10.551 ms

# Below is generated by plot.py at 2018-06-30 04:58:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 22.74 Mbit/s
95th percentile per-packet one-way delay: 86.686 ms
Loss rate: 5.04%
-- Flow 1:
Average throughput: 11.96 Mbit/s
95th percentile per-packet one-way delay: 84.377 ms
Loss rate: 5.11%
-- Flow 2:
Average throughput: 11.64 Mbit/s
95th percentile per-packet one-way delay: 90.291 ms
Loss rate: 4.16%
-- Flow 3:
Average throughput: 12.94 Mbit/s
95th percentile per-packet one-way delay: 80.603 ms
Loss rate: 6.57%
```

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

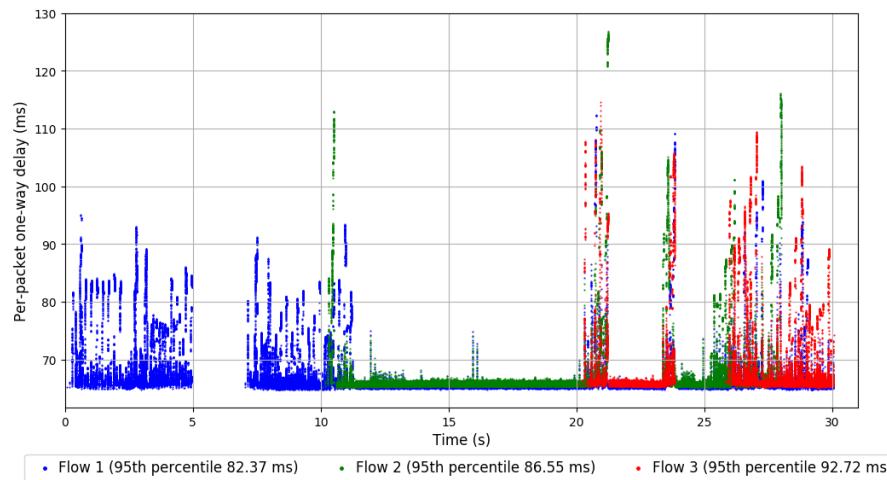
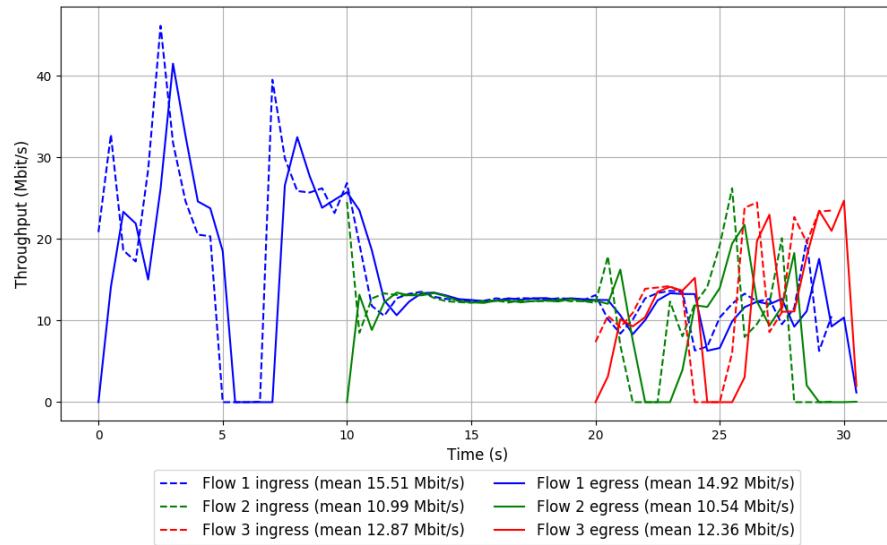


Run 7: Statistics of TaoVA-100x

```
Start at: 2018-06-30 02:30:12
End at: 2018-06-30 02:30:42
Local clock offset: 8.013 ms
Remote clock offset: -7.715 ms

# Below is generated by plot.py at 2018-06-30 04:58:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.05 Mbit/s
95th percentile per-packet one-way delay: 83.566 ms
Loss rate: 3.90%
-- Flow 1:
Average throughput: 14.92 Mbit/s
95th percentile per-packet one-way delay: 82.369 ms
Loss rate: 3.81%
-- Flow 2:
Average throughput: 10.54 Mbit/s
95th percentile per-packet one-way delay: 86.554 ms
Loss rate: 4.07%
-- Flow 3:
Average throughput: 12.36 Mbit/s
95th percentile per-packet one-way delay: 92.721 ms
Loss rate: 3.93%
```

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

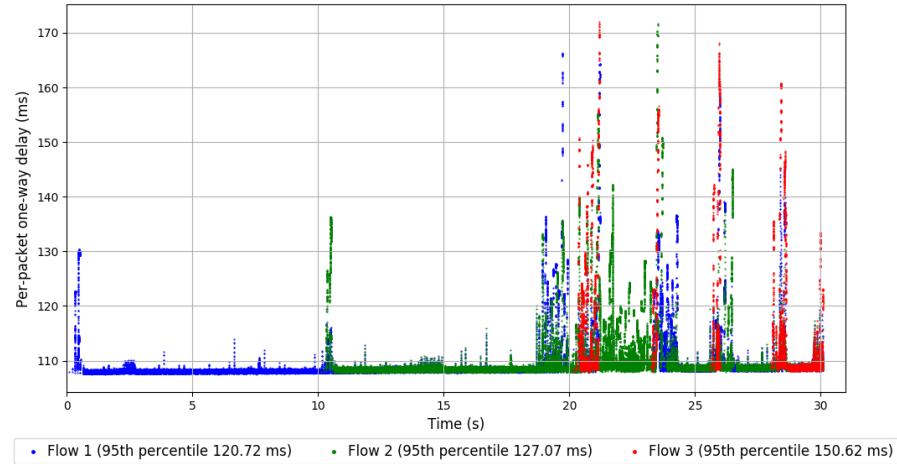
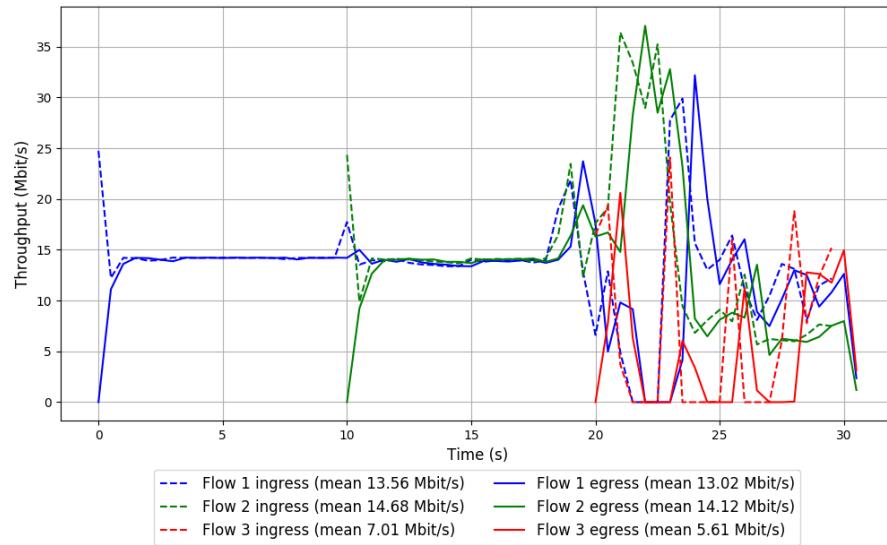


Run 8: Statistics of TaoVA-100x

```
Start at: 2018-06-30 03:15:09
End at: 2018-06-30 03:15:39
Local clock offset: -1.598 ms
Remote clock offset: 35.06 ms

# Below is generated by plot.py at 2018-06-30 04:58:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 24.29 Mbit/s
95th percentile per-packet one-way delay: 126.521 ms
Loss rate: 5.34%
-- Flow 1:
Average throughput: 13.02 Mbit/s
95th percentile per-packet one-way delay: 120.724 ms
Loss rate: 3.95%
-- Flow 2:
Average throughput: 14.12 Mbit/s
95th percentile per-packet one-way delay: 127.074 ms
Loss rate: 3.76%
-- Flow 3:
Average throughput: 5.61 Mbit/s
95th percentile per-packet one-way delay: 150.620 ms
Loss rate: 20.04%
```

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

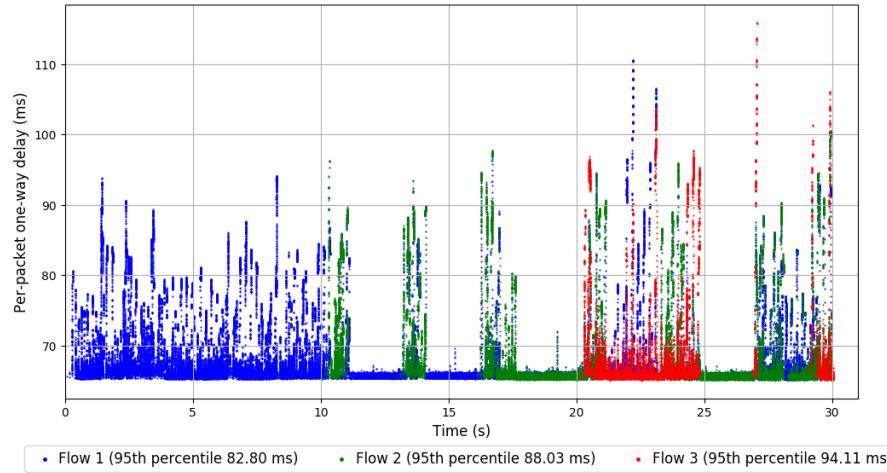
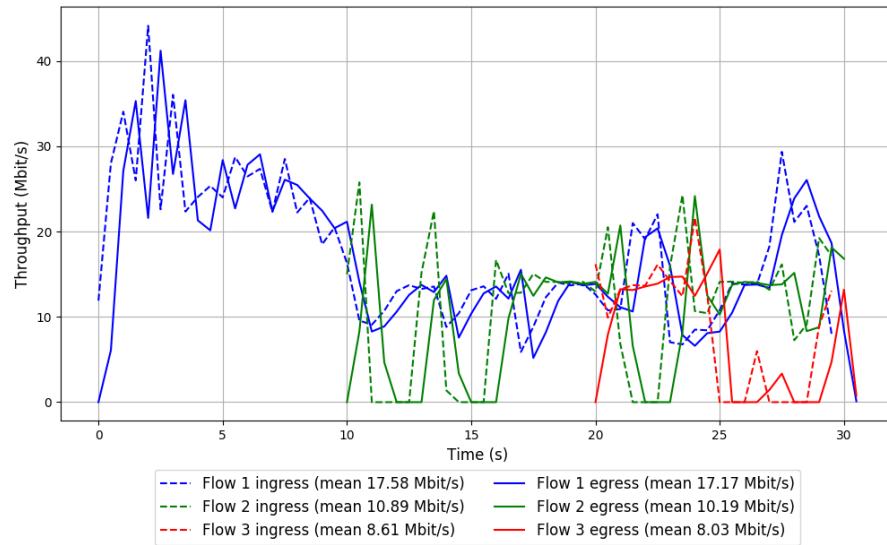


Run 9: Statistics of TaoVA-100x

```
Start at: 2018-06-30 03:59:29
End at: 2018-06-30 03:59:59
Local clock offset: 0.686 ms
Remote clock offset: -10.338 ms

# Below is generated by plot.py at 2018-06-30 04:59:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.60 Mbit/s
95th percentile per-packet one-way delay: 84.657 ms
Loss rate: 3.83%
-- Flow 1:
Average throughput: 17.17 Mbit/s
95th percentile per-packet one-way delay: 82.804 ms
Loss rate: 2.33%
-- Flow 2:
Average throughput: 10.19 Mbit/s
95th percentile per-packet one-way delay: 88.035 ms
Loss rate: 6.33%
-- Flow 3:
Average throughput: 8.03 Mbit/s
95th percentile per-packet one-way delay: 94.108 ms
Loss rate: 6.71%
```

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

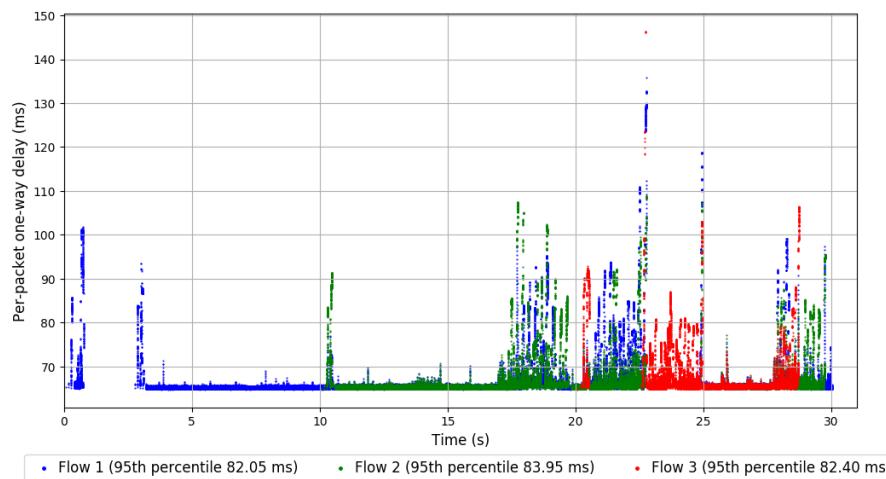
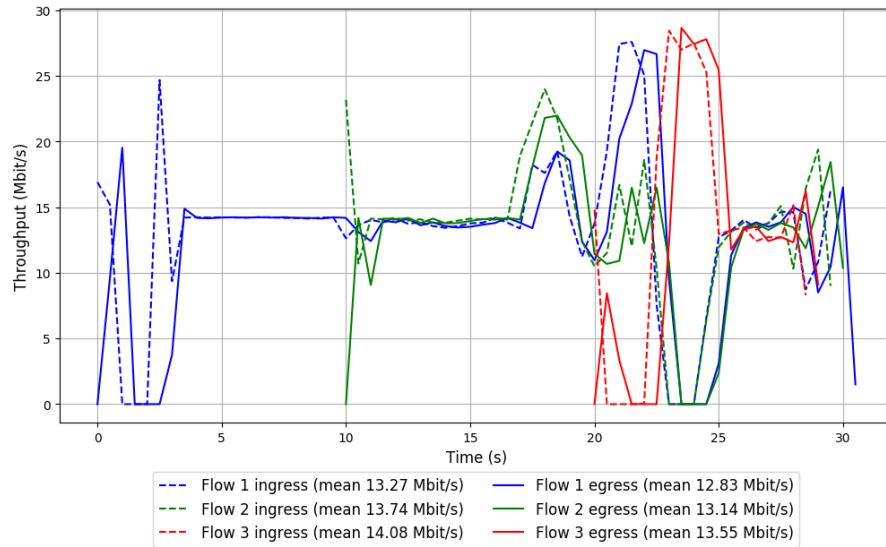


Run 10: Statistics of TaoVA-100x

```
Start at: 2018-06-30 04:44:45
End at: 2018-06-30 04:45:15
Local clock offset: 9.18 ms
Remote clock offset: -8.98 ms

# Below is generated by plot.py at 2018-06-30 04:59:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 25.37 Mbit/s
95th percentile per-packet one-way delay: 82.843 ms
Loss rate: 3.63%
-- Flow 1:
Average throughput: 12.83 Mbit/s
95th percentile per-packet one-way delay: 82.049 ms
Loss rate: 3.37%
-- Flow 2:
Average throughput: 13.14 Mbit/s
95th percentile per-packet one-way delay: 83.954 ms
Loss rate: 4.17%
-- Flow 3:
Average throughput: 13.55 Mbit/s
95th percentile per-packet one-way delay: 82.404 ms
Loss rate: 3.24%
```

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

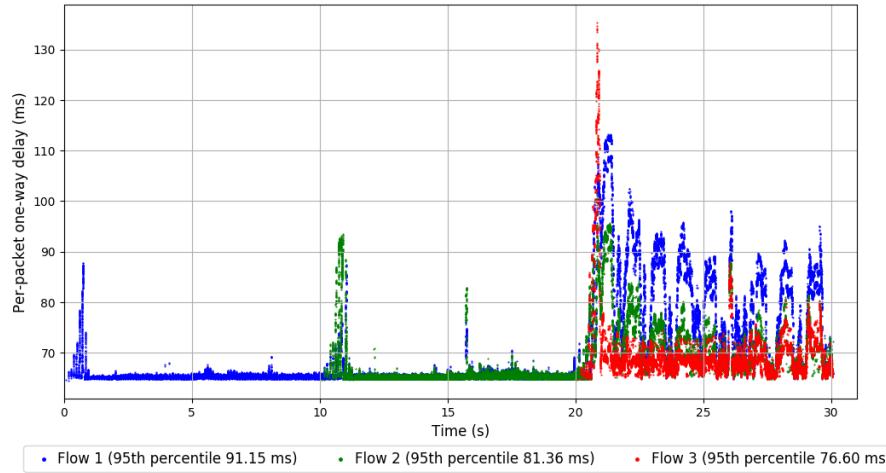
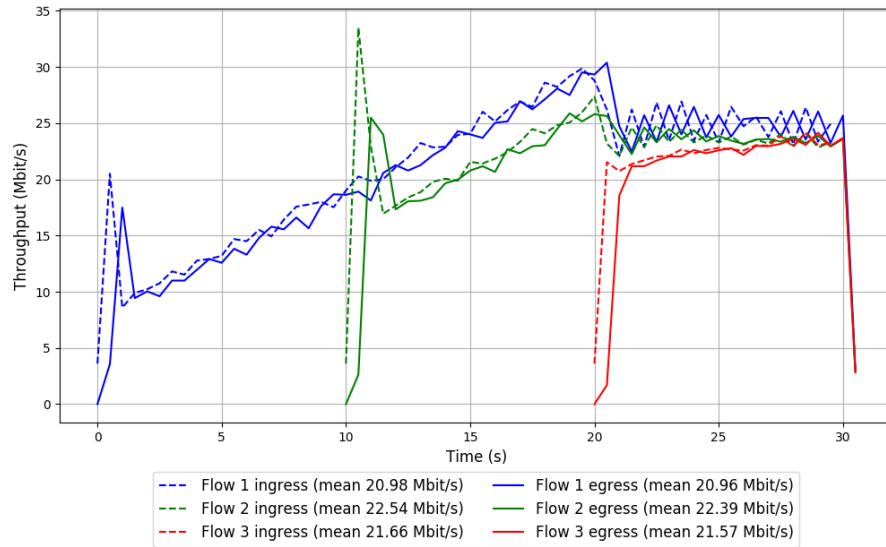


Run 1: Statistics of TCP Vegas

```
Start at: 2018-06-29 21:03:15
End at: 2018-06-29 21:03:45
Local clock offset: 0.041 ms
Remote clock offset: -9.506 ms

# Below is generated by plot.py at 2018-06-30 04:59:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 43.05 Mbit/s
95th percentile per-packet one-way delay: 88.032 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 20.96 Mbit/s
95th percentile per-packet one-way delay: 91.151 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 22.39 Mbit/s
95th percentile per-packet one-way delay: 81.360 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 21.57 Mbit/s
95th percentile per-packet one-way delay: 76.602 ms
Loss rate: 0.39%
```

Run 1: Report of TCP Vegas — Data Link

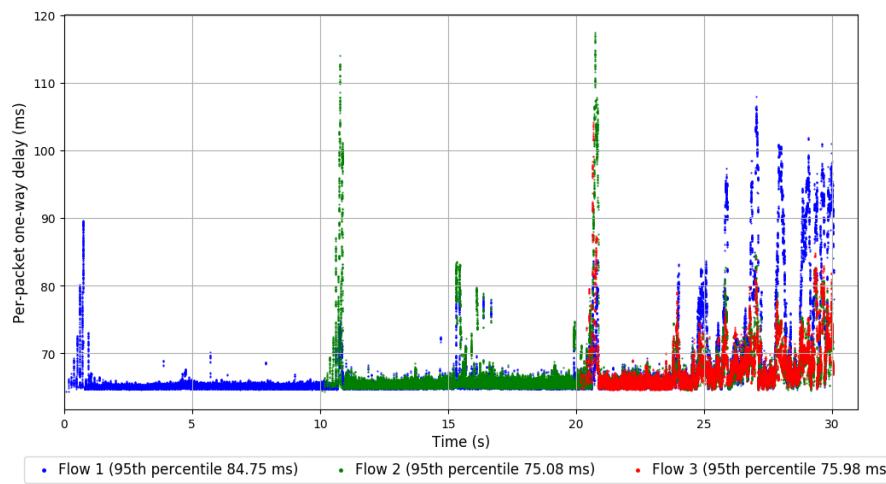
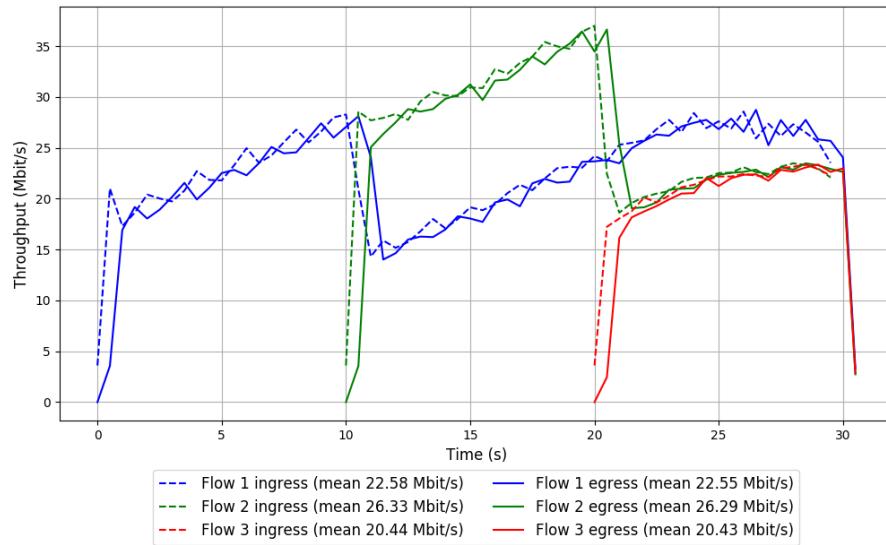


Run 2: Statistics of TCP Vegas

```
Start at: 2018-06-29 21:52:28
End at: 2018-06-29 21:52:58
Local clock offset: 4.619 ms
Remote clock offset: -9.639 ms

# Below is generated by plot.py at 2018-06-30 04:59:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 46.87 Mbit/s
95th percentile per-packet one-way delay: 78.854 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 22.55 Mbit/s
95th percentile per-packet one-way delay: 84.750 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 26.29 Mbit/s
95th percentile per-packet one-way delay: 75.079 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 20.43 Mbit/s
95th percentile per-packet one-way delay: 75.977 ms
Loss rate: 0.00%
```

Run 2: Report of TCP Vegas — Data Link

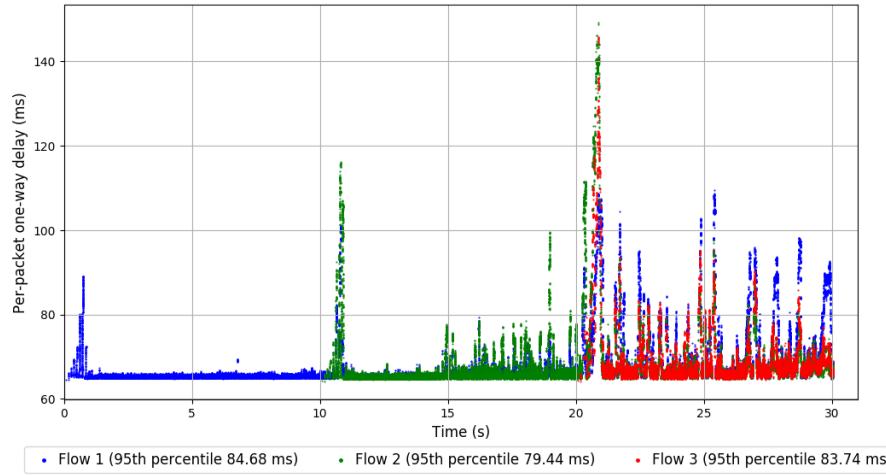
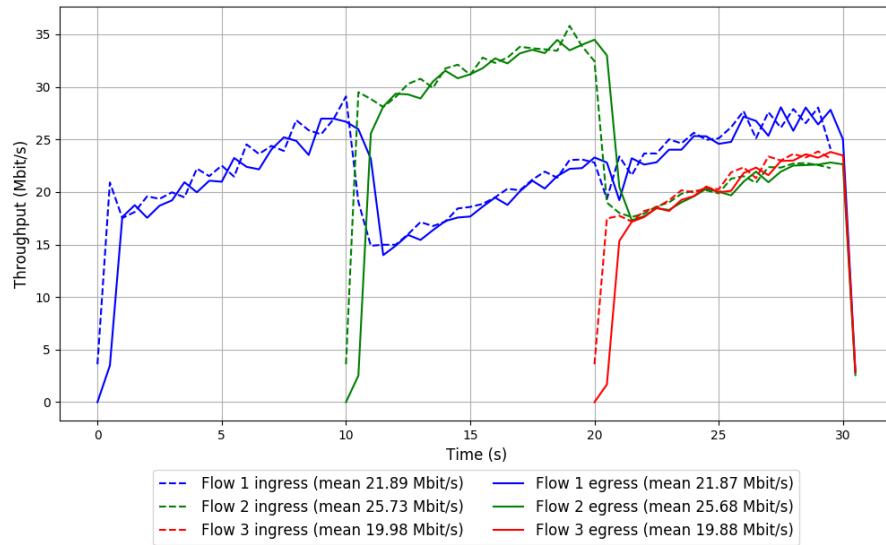


Run 3: Statistics of TCP Vegas

```
Start at: 2018-06-29 22:40:53
End at: 2018-06-29 22:41:23
Local clock offset: -5.126 ms
Remote clock offset: -8.828 ms

# Below is generated by plot.py at 2018-06-30 04:59:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 45.59 Mbit/s
95th percentile per-packet one-way delay: 83.065 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 21.87 Mbit/s
95th percentile per-packet one-way delay: 84.679 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 25.68 Mbit/s
95th percentile per-packet one-way delay: 79.443 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 19.88 Mbit/s
95th percentile per-packet one-way delay: 83.737 ms
Loss rate: 0.49%
```

Run 3: Report of TCP Vegas — Data Link

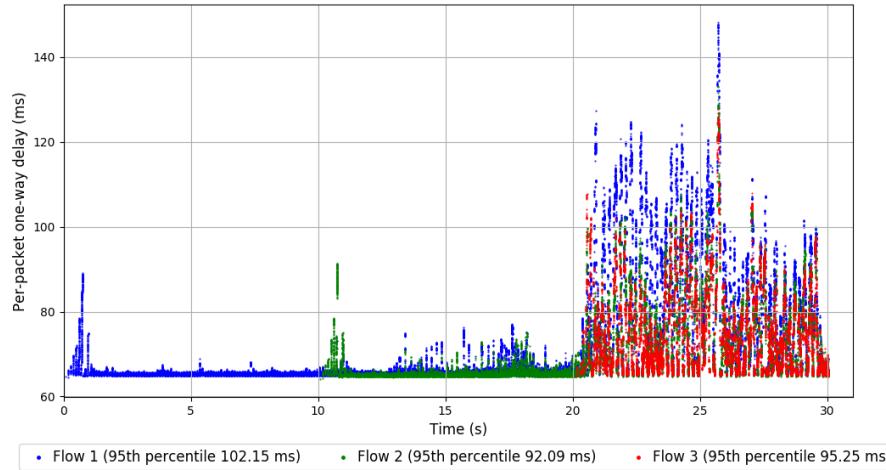
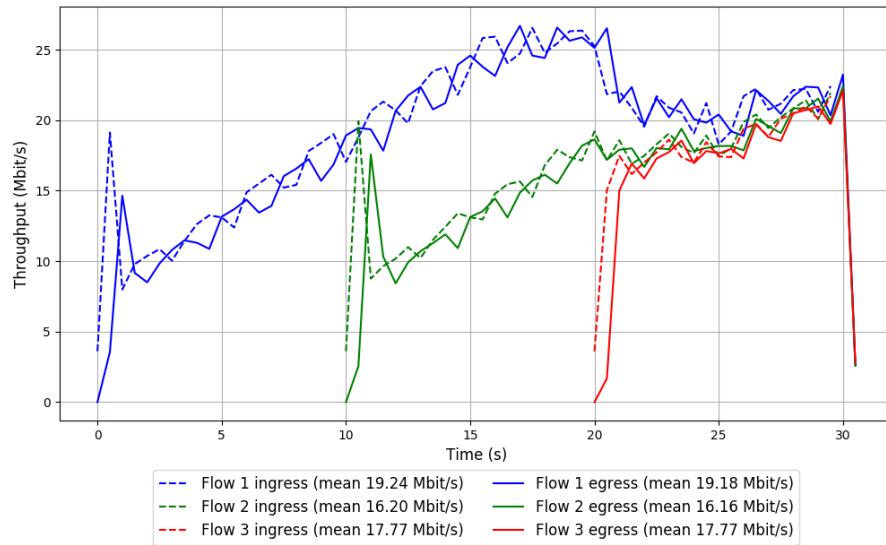


Run 4: Statistics of TCP Vegas

```
Start at: 2018-06-29 23:27:51
End at: 2018-06-29 23:28:21
Local clock offset: 4.953 ms
Remote clock offset: -12.267 ms

# Below is generated by plot.py at 2018-06-30 04:59:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 35.85 Mbit/s
95th percentile per-packet one-way delay: 97.373 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 19.18 Mbit/s
95th percentile per-packet one-way delay: 102.151 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 16.16 Mbit/s
95th percentile per-packet one-way delay: 92.088 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 17.77 Mbit/s
95th percentile per-packet one-way delay: 95.245 ms
Loss rate: 0.01%
```

Run 4: Report of TCP Vegas — Data Link

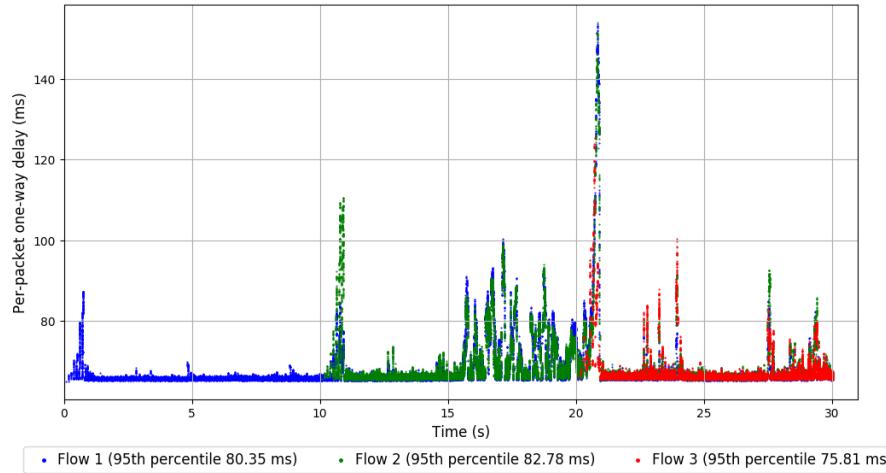
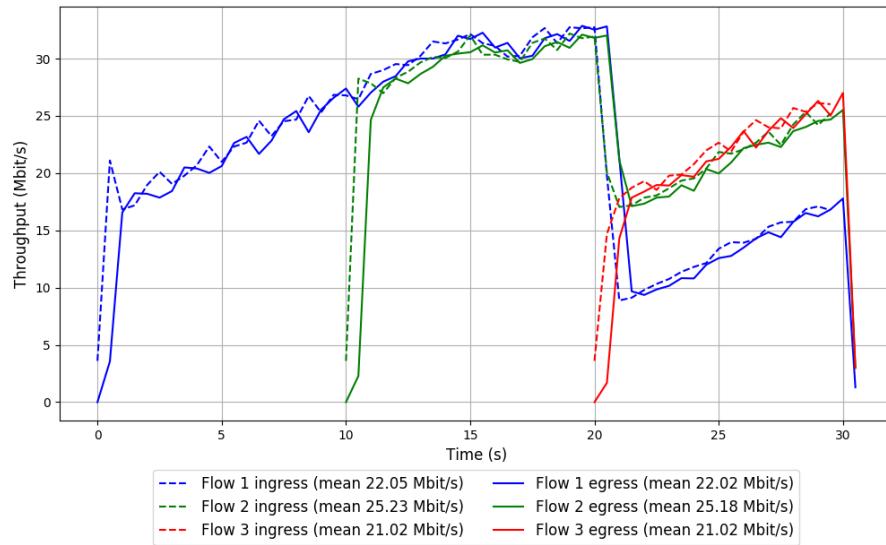


Run 5: Statistics of TCP Vegas

```
Start at: 2018-06-30 00:15:55
End at: 2018-06-30 00:16:25
Local clock offset: 0.116 ms
Remote clock offset: -8.568 ms

# Below is generated by plot.py at 2018-06-30 04:59:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 45.77 Mbit/s
95th percentile per-packet one-way delay: 80.734 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 22.02 Mbit/s
95th percentile per-packet one-way delay: 80.346 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 25.18 Mbit/s
95th percentile per-packet one-way delay: 82.782 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 21.02 Mbit/s
95th percentile per-packet one-way delay: 75.806 ms
Loss rate: 0.00%
```

Run 5: Report of TCP Vegas — Data Link

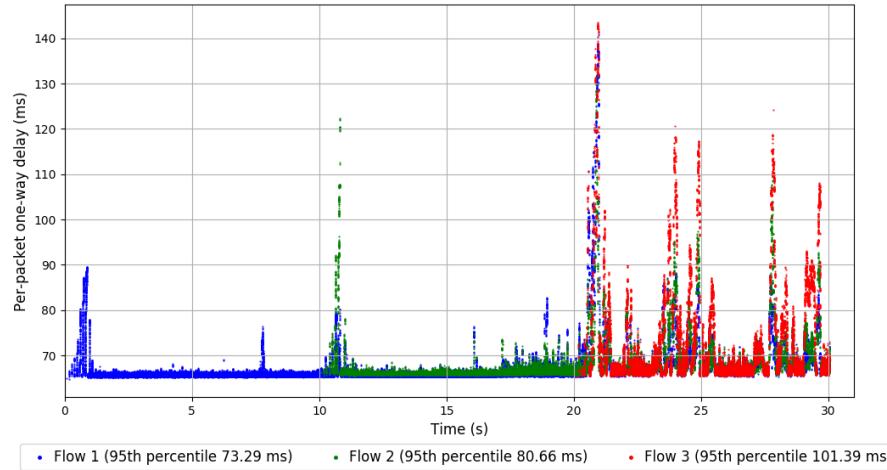
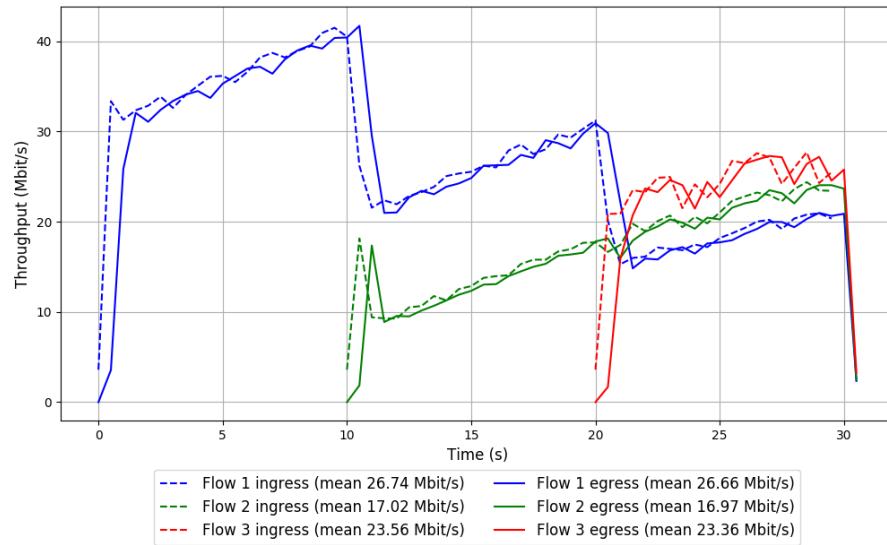


Run 6: Statistics of TCP Vegas

```
Start at: 2018-06-30 01:04:54
End at: 2018-06-30 01:05:24
Local clock offset: 4.828 ms
Remote clock offset: -8.612 ms

# Below is generated by plot.py at 2018-06-30 04:59:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 45.73 Mbit/s
95th percentile per-packet one-way delay: 81.910 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 26.66 Mbit/s
95th percentile per-packet one-way delay: 73.287 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 16.97 Mbit/s
95th percentile per-packet one-way delay: 80.659 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 23.36 Mbit/s
95th percentile per-packet one-way delay: 101.389 ms
Loss rate: 0.83%
```

Run 6: Report of TCP Vegas — Data Link

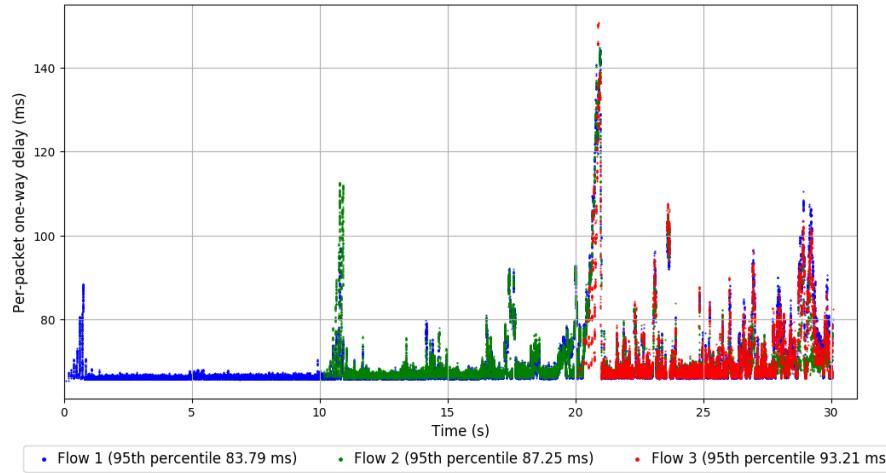
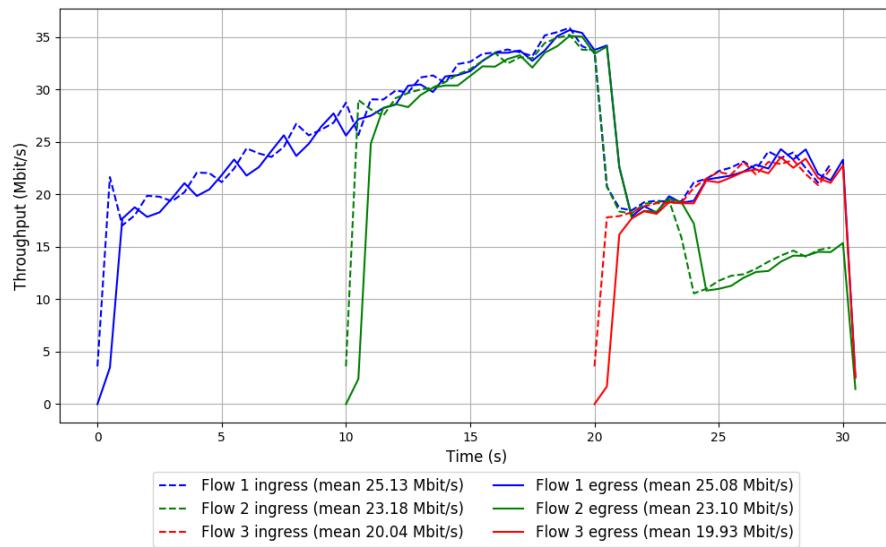


Run 7: Statistics of TCP Vegas

```
Start at: 2018-06-30 01:52:02
End at: 2018-06-30 01:52:32
Local clock offset: 1.752 ms
Remote clock offset: -10.493 ms

# Below is generated by plot.py at 2018-06-30 04:59:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 47.09 Mbit/s
95th percentile per-packet one-way delay: 87.083 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 25.08 Mbit/s
95th percentile per-packet one-way delay: 83.787 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 23.10 Mbit/s
95th percentile per-packet one-way delay: 87.255 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 19.93 Mbit/s
95th percentile per-packet one-way delay: 93.211 ms
Loss rate: 0.50%
```

Run 7: Report of TCP Vegas — Data Link

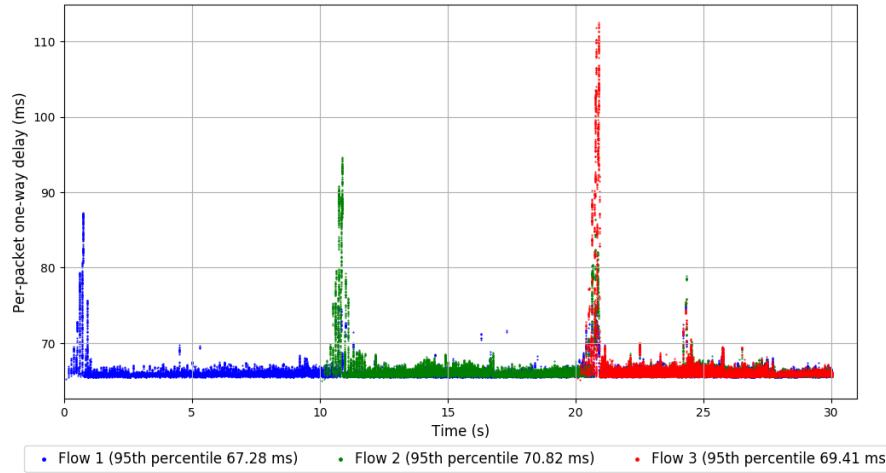
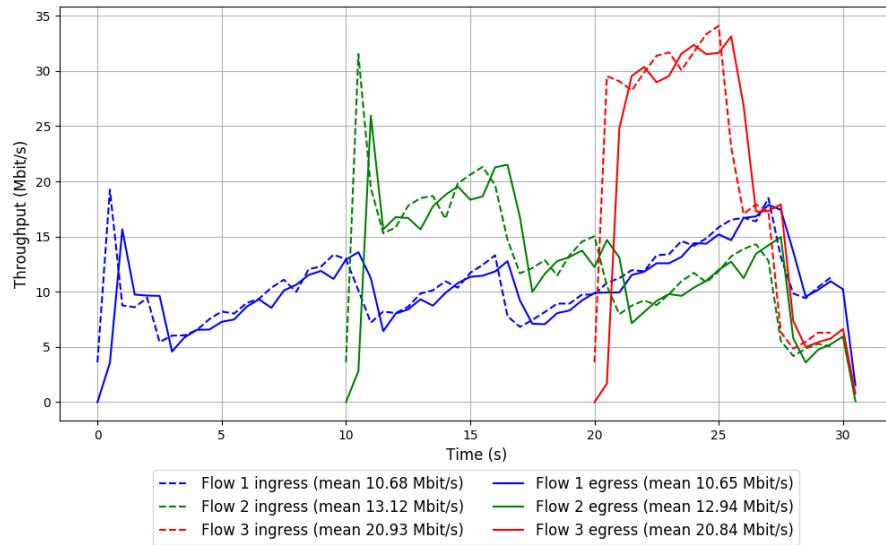


Run 8: Statistics of TCP Vegas

```
Start at: 2018-06-30 02:38:54
End at: 2018-06-30 02:39:24
Local clock offset: 8.842 ms
Remote clock offset: -7.049 ms

# Below is generated by plot.py at 2018-06-30 04:59:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.19 Mbit/s
95th percentile per-packet one-way delay: 68.401 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 10.65 Mbit/s
95th percentile per-packet one-way delay: 67.283 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 12.94 Mbit/s
95th percentile per-packet one-way delay: 70.818 ms
Loss rate: 1.39%
-- Flow 3:
Average throughput: 20.84 Mbit/s
95th percentile per-packet one-way delay: 69.406 ms
Loss rate: 0.43%
```

Run 8: Report of TCP Vegas — Data Link

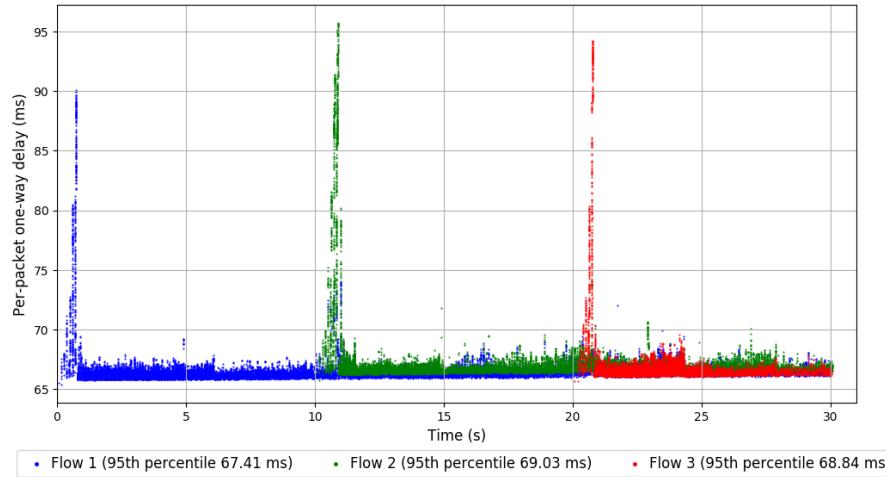
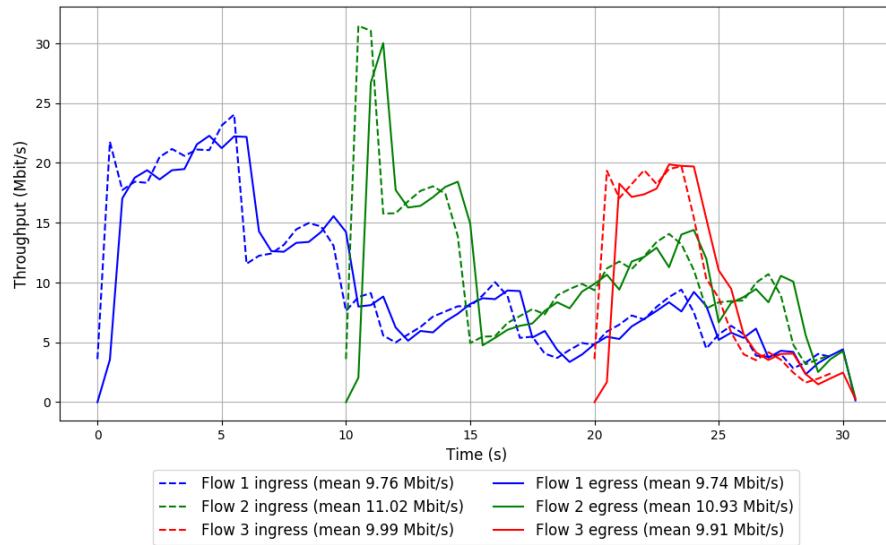


Run 9: Statistics of TCP Vegas

```
Start at: 2018-06-30 03:23:54
End at: 2018-06-30 03:24:24
Local clock offset: 3.146 ms
Remote clock offset: -8.347 ms

# Below is generated by plot.py at 2018-06-30 04:59:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 20.31 Mbit/s
95th percentile per-packet one-way delay: 67.978 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 9.74 Mbit/s
95th percentile per-packet one-way delay: 67.412 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 10.93 Mbit/s
95th percentile per-packet one-way delay: 69.035 ms
Loss rate: 0.75%
-- Flow 3:
Average throughput: 9.91 Mbit/s
95th percentile per-packet one-way delay: 68.841 ms
Loss rate: 0.78%
```

Run 9: Report of TCP Vegas — Data Link

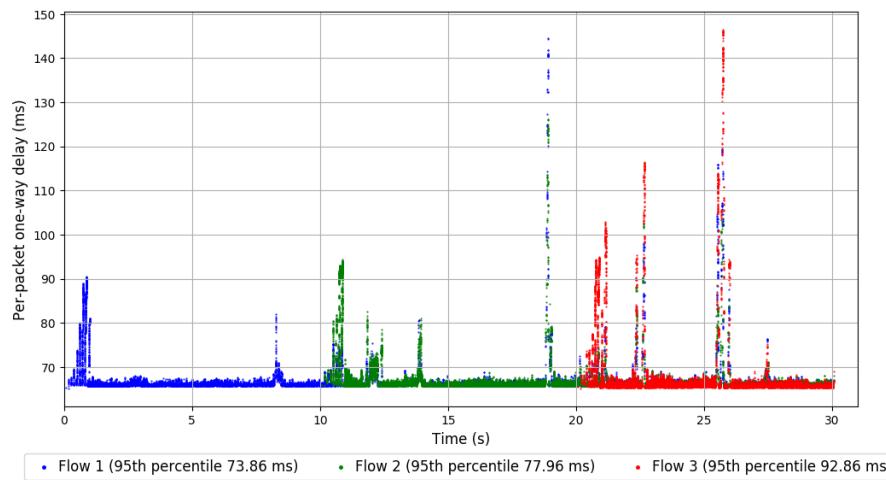
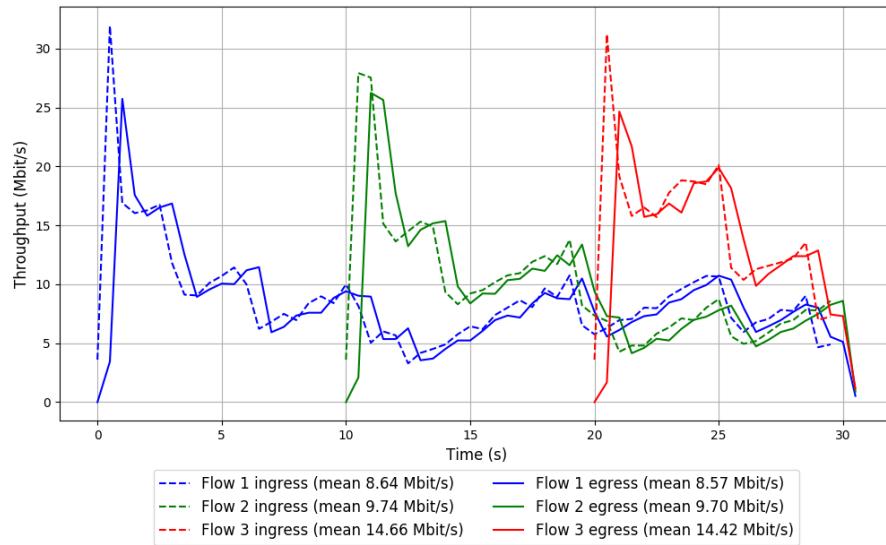


Run 10: Statistics of TCP Vegas

```
Start at: 2018-06-30 04:08:58
End at: 2018-06-30 04:09:28
Local clock offset: -1.11 ms
Remote clock offset: -10.41 ms

# Below is generated by plot.py at 2018-06-30 04:59:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 19.83 Mbit/s
95th percentile per-packet one-way delay: 79.644 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 8.57 Mbit/s
95th percentile per-packet one-way delay: 73.861 ms
Loss rate: 0.78%
-- Flow 2:
Average throughput: 9.70 Mbit/s
95th percentile per-packet one-way delay: 77.956 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 14.42 Mbit/s
95th percentile per-packet one-way delay: 92.863 ms
Loss rate: 1.58%
```

Run 10: Report of TCP Vegas — Data Link

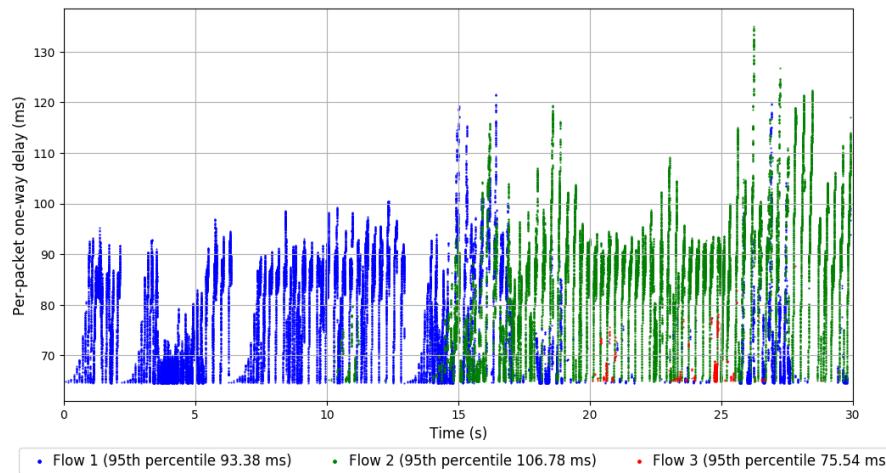
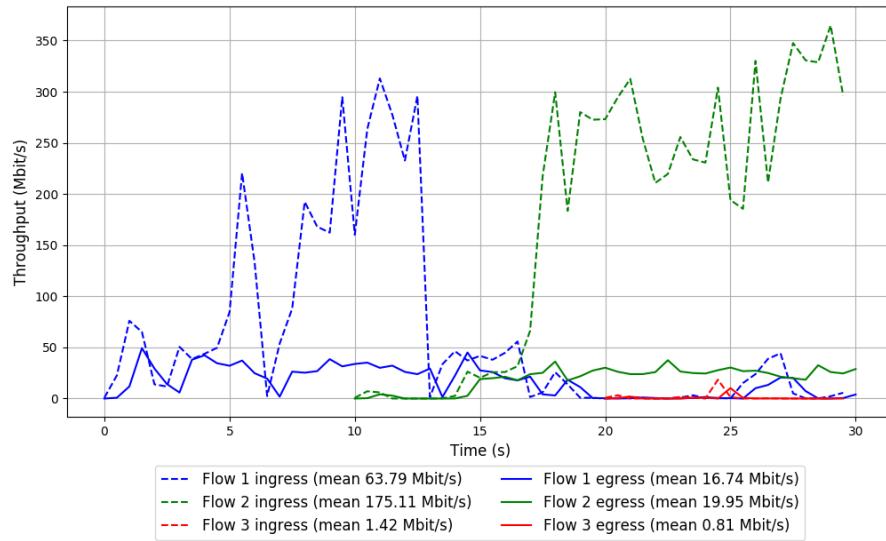


Run 1: Statistics of Verus

```
Start at: 2018-06-29 21:06:05
End at: 2018-06-29 21:06:35
Local clock offset: 0.137 ms
Remote clock offset: -9.457 ms

# Below is generated by plot.py at 2018-06-30 04:59:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 30.25 Mbit/s
95th percentile per-packet one-way delay: 100.577 ms
Loss rate: 83.23%
-- Flow 1:
Average throughput: 16.74 Mbit/s
95th percentile per-packet one-way delay: 93.378 ms
Loss rate: 73.74%
-- Flow 2:
Average throughput: 19.95 Mbit/s
95th percentile per-packet one-way delay: 106.782 ms
Loss rate: 88.58%
-- Flow 3:
Average throughput: 0.81 Mbit/s
95th percentile per-packet one-way delay: 75.537 ms
Loss rate: 44.01%
```

Run 1: Report of Verus — Data Link

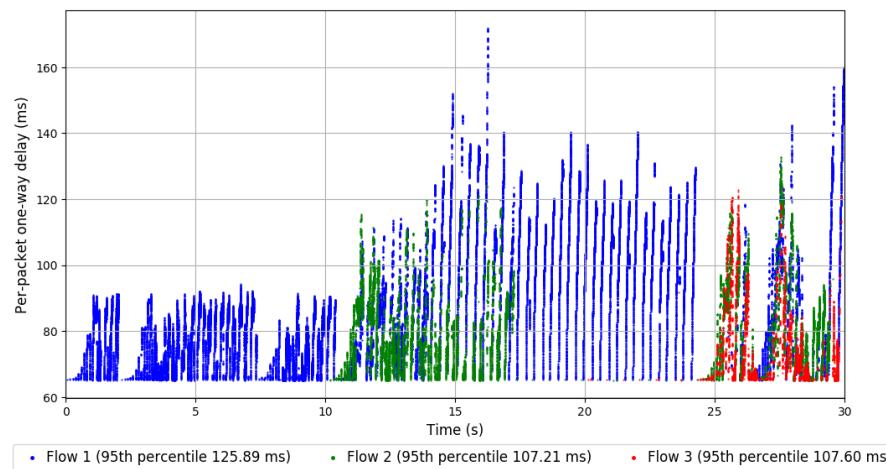
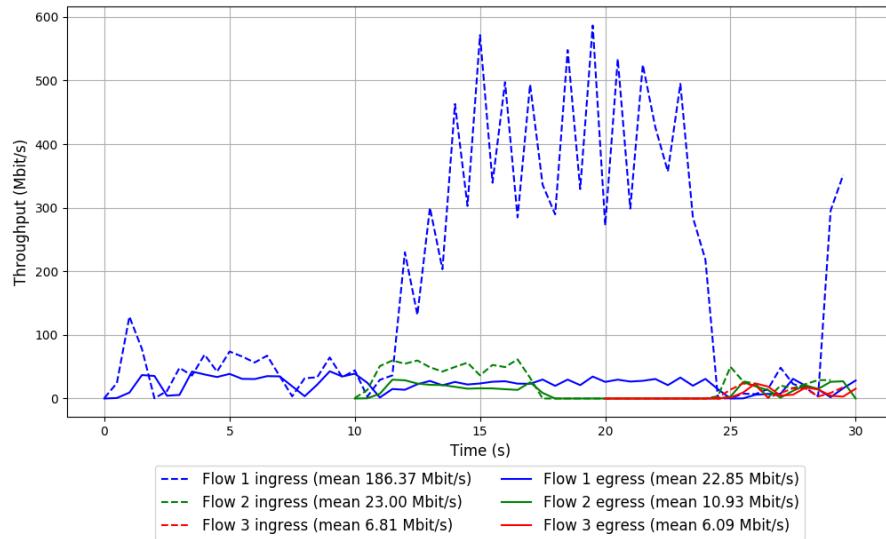


Run 2: Statistics of Verus

```
Start at: 2018-06-29 21:55:21
End at: 2018-06-29 21:55:51
Local clock offset: 4.532 ms
Remote clock offset: -9.545 ms

# Below is generated by plot.py at 2018-06-30 05:00:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 31.95 Mbit/s
95th percentile per-packet one-way delay: 122.358 ms
Loss rate: 84.26%
-- Flow 1:
Average throughput: 22.85 Mbit/s
95th percentile per-packet one-way delay: 125.887 ms
Loss rate: 87.70%
-- Flow 2:
Average throughput: 10.93 Mbit/s
95th percentile per-packet one-way delay: 107.210 ms
Loss rate: 52.41%
-- Flow 3:
Average throughput: 6.09 Mbit/s
95th percentile per-packet one-way delay: 107.600 ms
Loss rate: 9.96%
```

Run 2: Report of Verus — Data Link

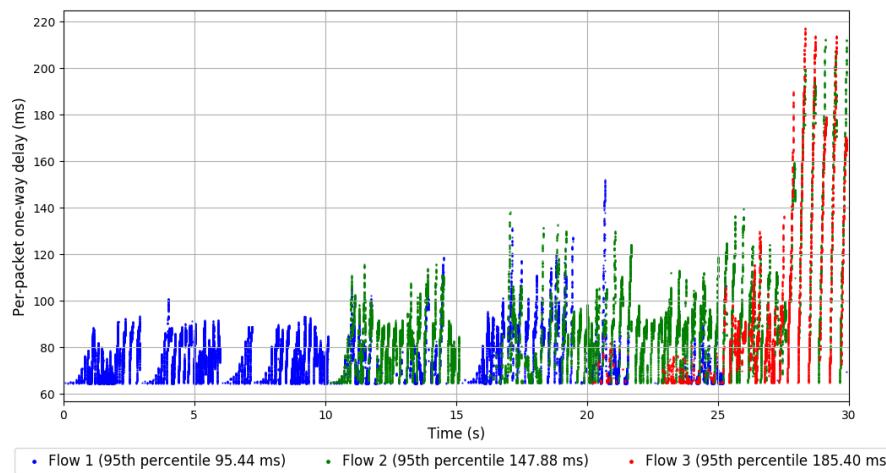
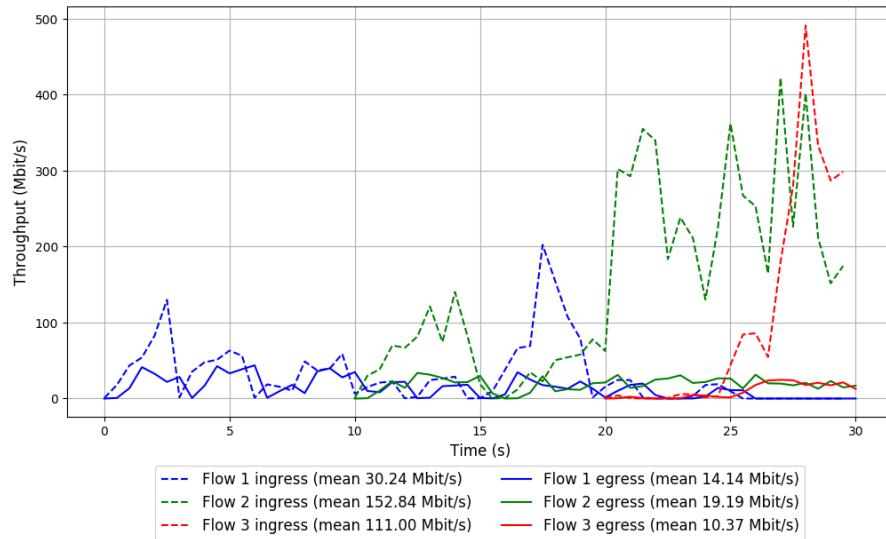


Run 3: Statistics of Verus

```
Start at: 2018-06-29 22:43:52
End at: 2018-06-29 22:44:22
Local clock offset: -5.421 ms
Remote clock offset: -8.811 ms

# Below is generated by plot.py at 2018-06-30 05:00:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 30.29 Mbit/s
95th percentile per-packet one-way delay: 135.645 ms
Loss rate: 81.88%
-- Flow 1:
Average throughput: 14.14 Mbit/s
95th percentile per-packet one-way delay: 95.436 ms
Loss rate: 53.23%
-- Flow 2:
Average throughput: 19.19 Mbit/s
95th percentile per-packet one-way delay: 147.878 ms
Loss rate: 87.35%
-- Flow 3:
Average throughput: 10.37 Mbit/s
95th percentile per-packet one-way delay: 185.400 ms
Loss rate: 90.57%
```

Run 3: Report of Verus — Data Link

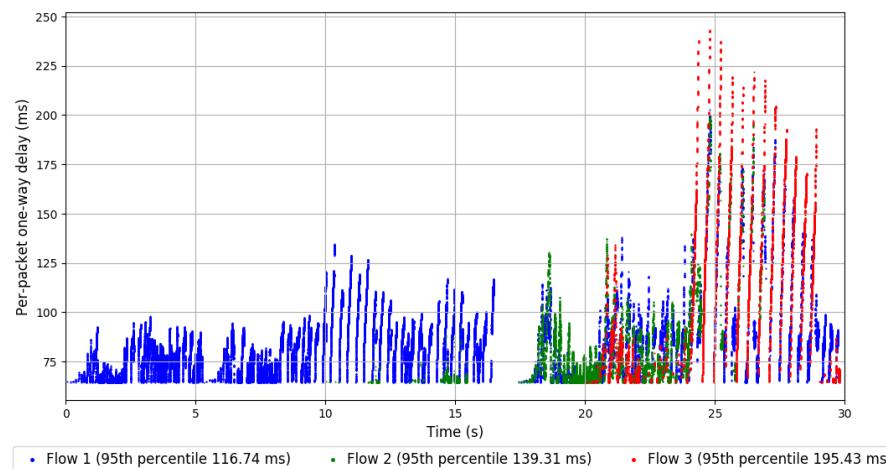
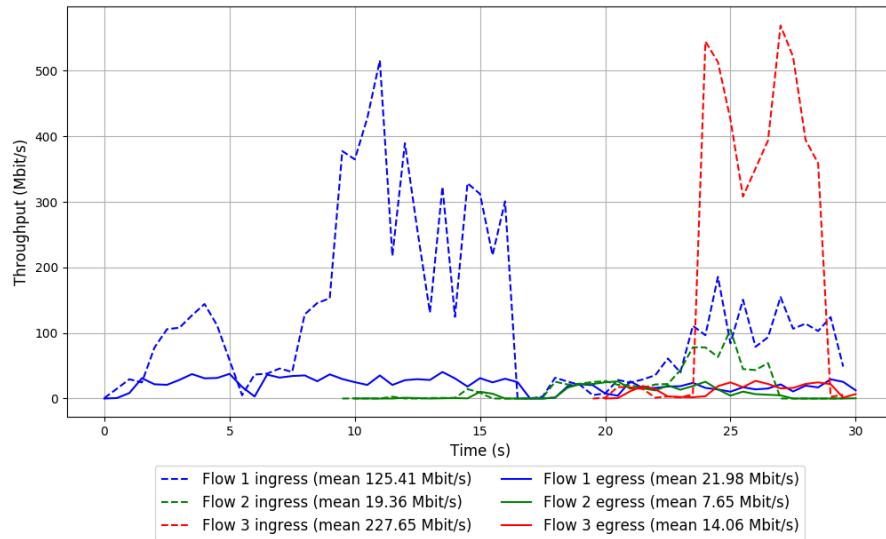


Run 4: Statistics of Verus

```
Start at: 2018-06-29 23:30:31
End at: 2018-06-29 23:31:01
Local clock offset: 5.085 ms
Remote clock offset: -12.384 ms

# Below is generated by plot.py at 2018-06-30 05:00:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 31.66 Mbit/s
95th percentile per-packet one-way delay: 155.429 ms
Loss rate: 85.13%
-- Flow 1:
Average throughput: 21.98 Mbit/s
95th percentile per-packet one-way delay: 116.741 ms
Loss rate: 82.47%
-- Flow 2:
Average throughput: 7.65 Mbit/s
95th percentile per-packet one-way delay: 139.314 ms
Loss rate: 60.48%
-- Flow 3:
Average throughput: 14.06 Mbit/s
95th percentile per-packet one-way delay: 195.426 ms
Loss rate: 93.82%
```

Run 4: Report of Verus — Data Link

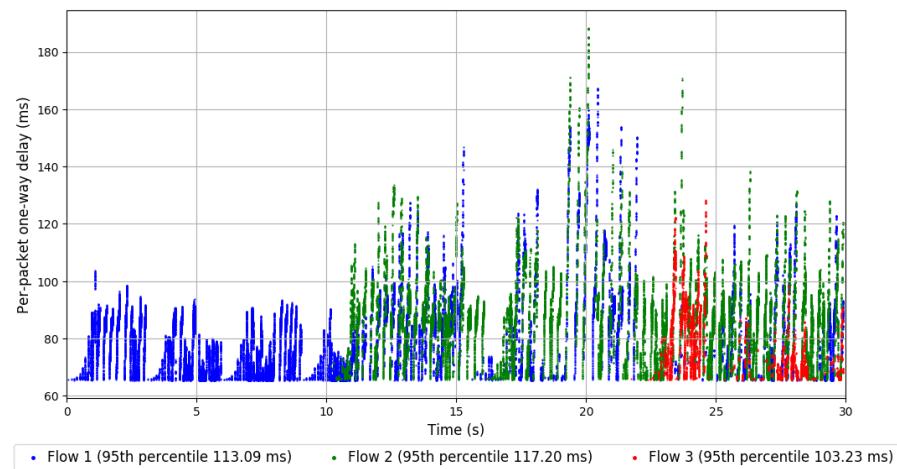
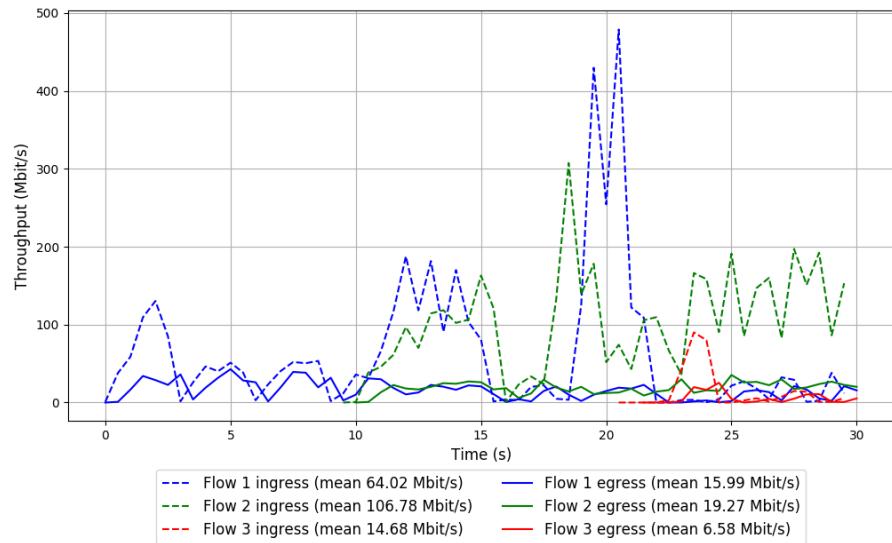


Run 5: Statistics of Verus

```
Start at: 2018-06-30 00:18:54
End at: 2018-06-30 00:19:24
Local clock offset: -0.023 ms
Remote clock offset: -8.225 ms

# Below is generated by plot.py at 2018-06-30 05:00:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 30.60 Mbit/s
95th percentile per-packet one-way delay: 114.385 ms
Loss rate: 78.04%
-- Flow 1:
Average throughput: 15.99 Mbit/s
95th percentile per-packet one-way delay: 113.095 ms
Loss rate: 75.03%
-- Flow 2:
Average throughput: 19.27 Mbit/s
95th percentile per-packet one-way delay: 117.199 ms
Loss rate: 81.90%
-- Flow 3:
Average throughput: 6.58 Mbit/s
95th percentile per-packet one-way delay: 103.227 ms
Loss rate: 60.08%
```

Run 5: Report of Verus — Data Link

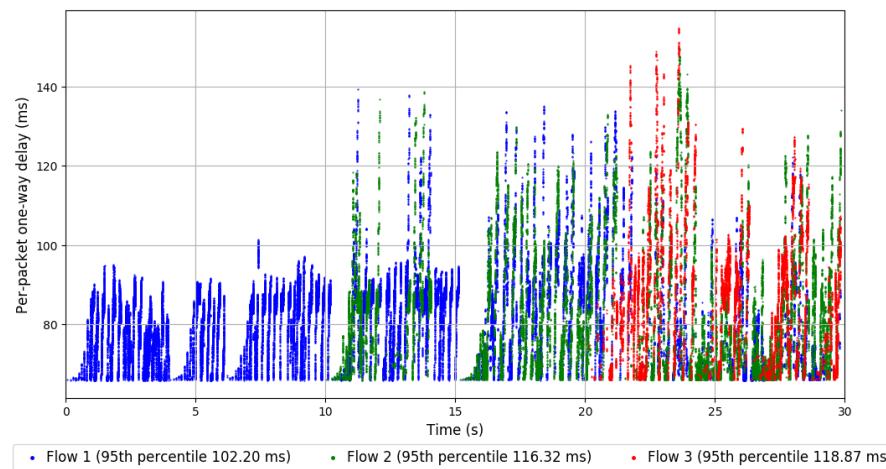
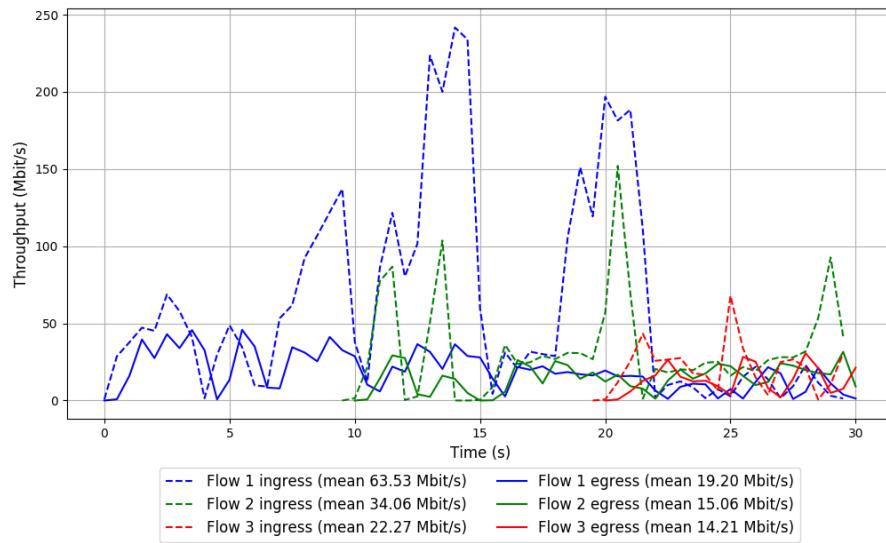


Run 6: Statistics of Verus

```
Start at: 2018-06-30 01:07:54
End at: 2018-06-30 01:08:24
Local clock offset: 4.869 ms
Remote clock offset: -9.003 ms

# Below is generated by plot.py at 2018-06-30 05:00:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 33.89 Mbit/s
95th percentile per-packet one-way delay: 111.342 ms
Loss rate: 63.72%
-- Flow 1:
Average throughput: 19.20 Mbit/s
95th percentile per-packet one-way delay: 102.203 ms
Loss rate: 69.76%
-- Flow 2:
Average throughput: 15.06 Mbit/s
95th percentile per-packet one-way delay: 116.323 ms
Loss rate: 55.72%
-- Flow 3:
Average throughput: 14.21 Mbit/s
95th percentile per-packet one-way delay: 118.872 ms
Loss rate: 36.16%
```

Run 6: Report of Verus — Data Link

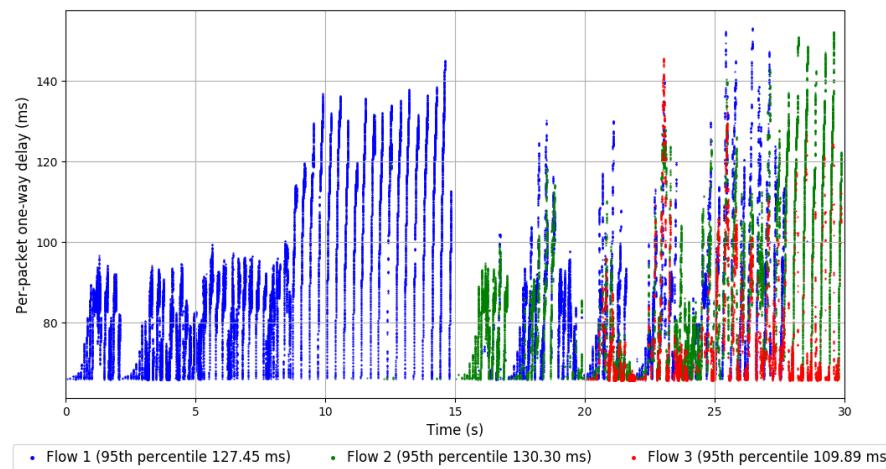
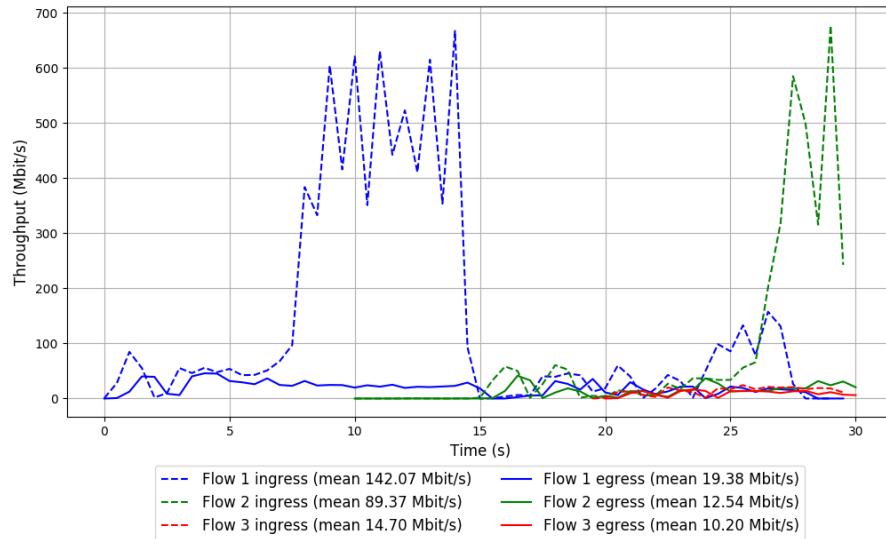


Run 7: Statistics of Verus

```
Start at: 2018-06-30 01:55:14
End at: 2018-06-30 01:55:44
Local clock offset: 2.781 ms
Remote clock offset: -10.485 ms

# Below is generated by plot.py at 2018-06-30 05:00:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 30.64 Mbit/s
95th percentile per-packet one-way delay: 127.527 ms
Loss rate: 84.94%
-- Flow 1:
Average throughput: 19.38 Mbit/s
95th percentile per-packet one-way delay: 127.448 ms
Loss rate: 86.41%
-- Flow 2:
Average throughput: 12.54 Mbit/s
95th percentile per-packet one-way delay: 130.302 ms
Loss rate: 85.94%
-- Flow 3:
Average throughput: 10.20 Mbit/s
95th percentile per-packet one-way delay: 109.889 ms
Loss rate: 30.32%
```

Run 7: Report of Verus — Data Link

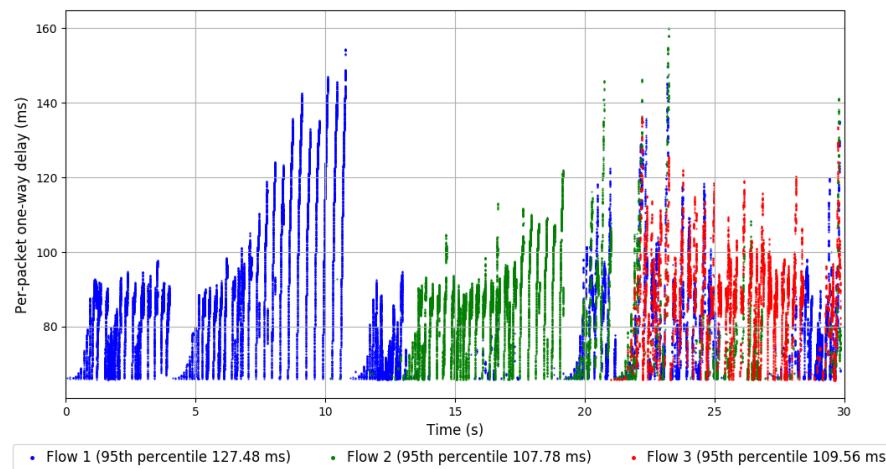
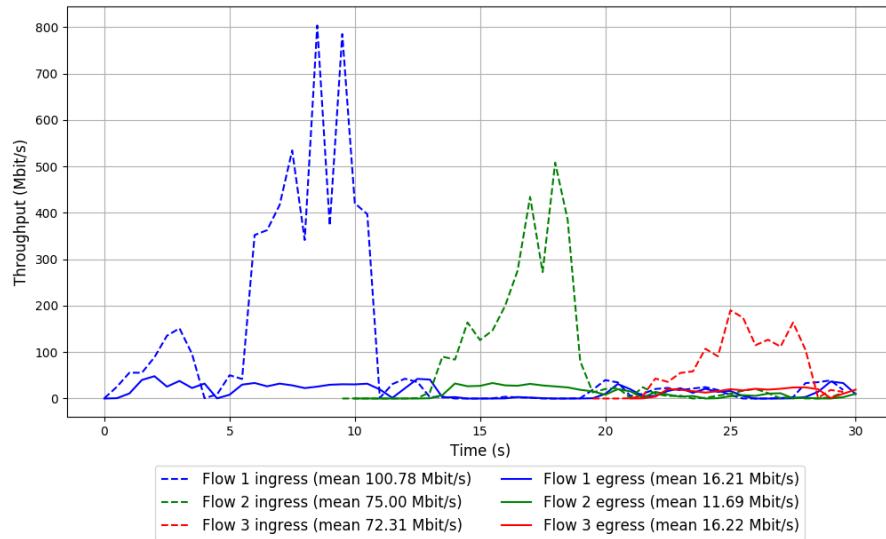


Run 8: Statistics of Verus

```
Start at: 2018-06-30 02:41:05
End at: 2018-06-30 02:41:35
Local clock offset: 8.758 ms
Remote clock offset: -6.901 ms

# Below is generated by plot.py at 2018-06-30 05:00:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 28.77 Mbit/s
95th percentile per-packet one-way delay: 120.764 ms
Loss rate: 83.51%
-- Flow 1:
Average throughput: 16.21 Mbit/s
95th percentile per-packet one-way delay: 127.480 ms
Loss rate: 83.91%
-- Flow 2:
Average throughput: 11.69 Mbit/s
95th percentile per-packet one-way delay: 107.779 ms
Loss rate: 84.45%
-- Flow 3:
Average throughput: 16.22 Mbit/s
95th percentile per-packet one-way delay: 109.555 ms
Loss rate: 79.82%
```

Run 8: Report of Verus — Data Link

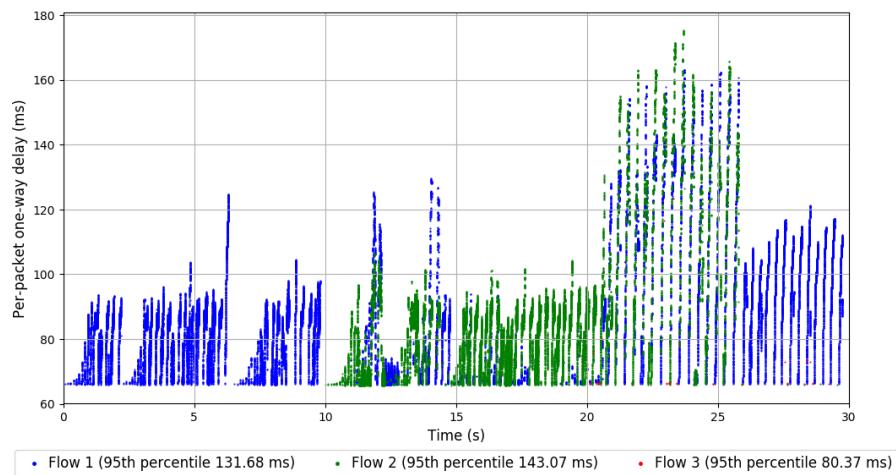
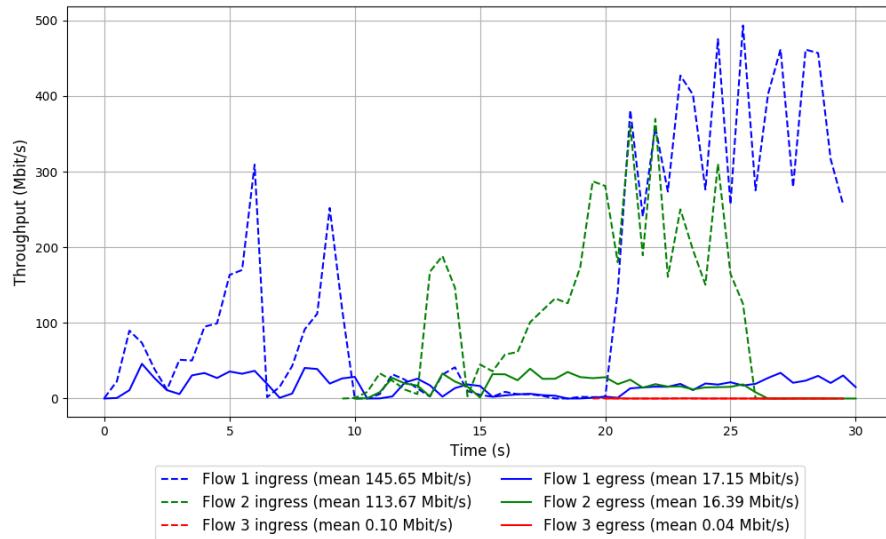


Run 9: Statistics of Verus

```
Start at: 2018-06-30 03:25:56
End at: 2018-06-30 03:26:26
Local clock offset: 4.03 ms
Remote clock offset: -8.842 ms

# Below is generated by plot.py at 2018-06-30 05:01:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 27.95 Mbit/s
95th percentile per-packet one-way delay: 136.481 ms
Loss rate: 87.34%
-- Flow 1:
Average throughput: 17.15 Mbit/s
95th percentile per-packet one-way delay: 131.682 ms
Loss rate: 88.22%
-- Flow 2:
Average throughput: 16.39 Mbit/s
95th percentile per-packet one-way delay: 143.073 ms
Loss rate: 85.65%
-- Flow 3:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 80.374 ms
Loss rate: 53.95%
```

Run 9: Report of Verus — Data Link

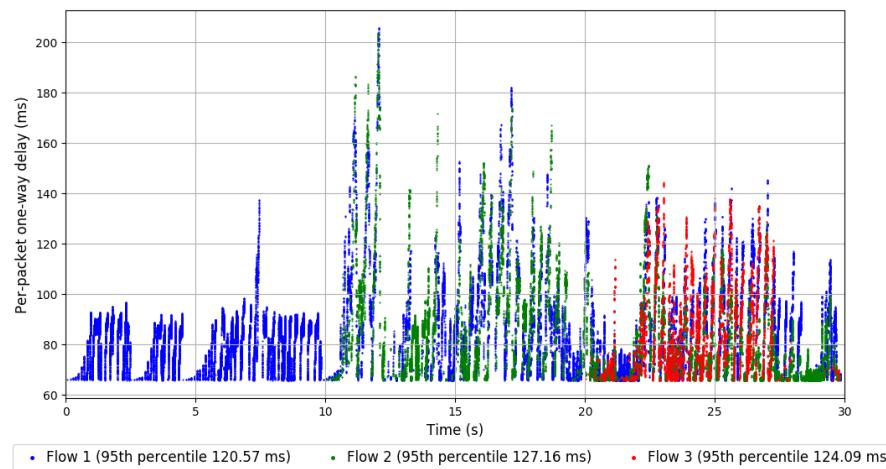
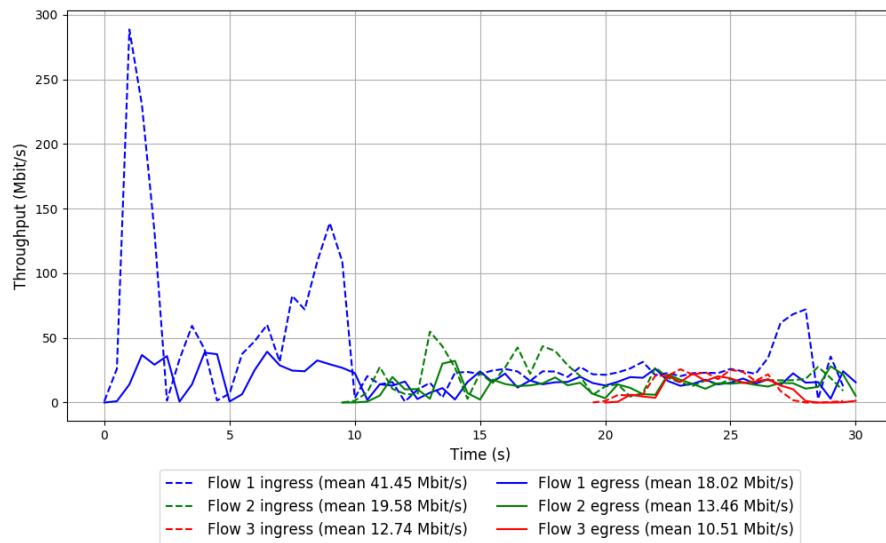


Run 10: Statistics of Verus

```
Start at: 2018-06-30 04:11:01
End at: 2018-06-30 04:11:31
Local clock offset: -1.367 ms
Remote clock offset: -10.401 ms

# Below is generated by plot.py at 2018-06-30 05:01:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 30.43 Mbit/s
95th percentile per-packet one-way delay: 123.253 ms
Loss rate: 48.13%
-- Flow 1:
Average throughput: 18.02 Mbit/s
95th percentile per-packet one-way delay: 120.574 ms
Loss rate: 56.52%
-- Flow 2:
Average throughput: 13.46 Mbit/s
95th percentile per-packet one-way delay: 127.161 ms
Loss rate: 31.25%
-- Flow 3:
Average throughput: 10.51 Mbit/s
95th percentile per-packet one-way delay: 124.093 ms
Loss rate: 17.56%
```

Run 10: Report of Verus — Data Link

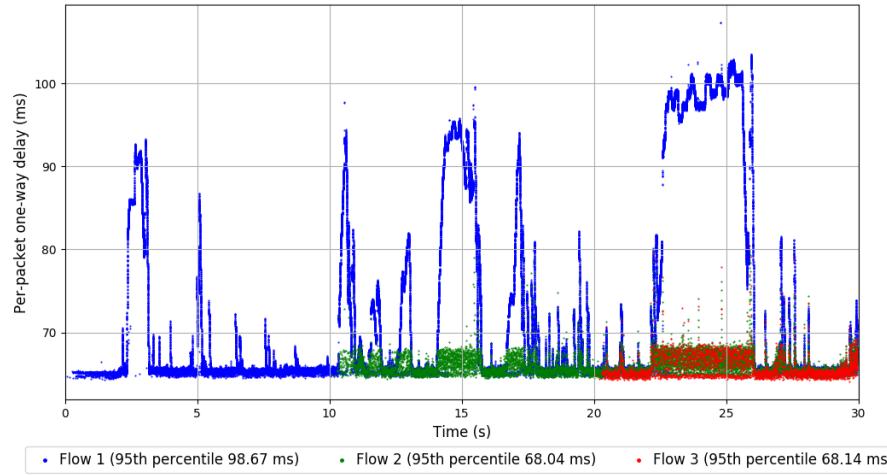
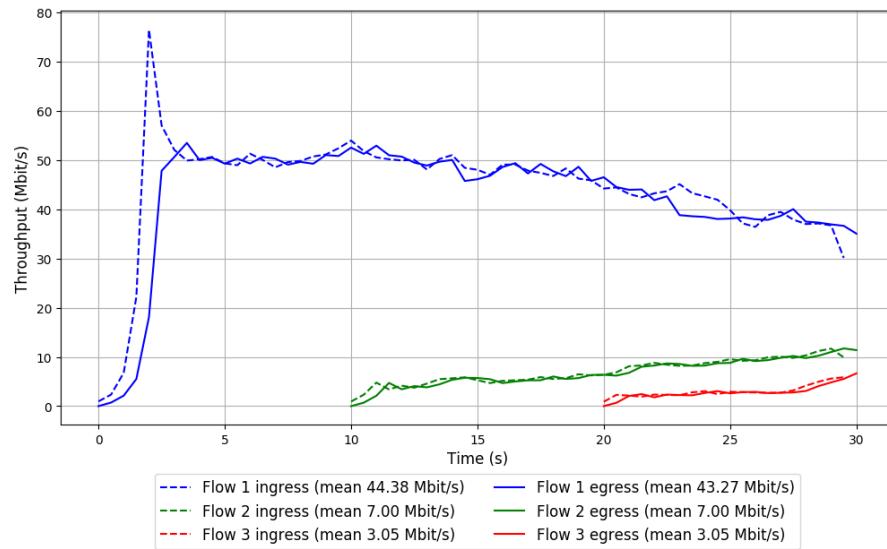


```
Run 1: Statistics of PCC-Vivace

Start at: 2018-06-29 21:30:20
End at: 2018-06-29 21:30:50
Local clock offset: 2.847 ms
Remote clock offset: -10.38 ms

# Below is generated by plot.py at 2018-06-30 05:01:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.93 Mbit/s
95th percentile per-packet one-way delay: 98.345 ms
Loss rate: 2.21%
-- Flow 1:
Average throughput: 43.27 Mbit/s
95th percentile per-packet one-way delay: 98.669 ms
Loss rate: 2.49%
-- Flow 2:
Average throughput: 7.00 Mbit/s
95th percentile per-packet one-way delay: 68.044 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 3.05 Mbit/s
95th percentile per-packet one-way delay: 68.140 ms
Loss rate: 0.00%
```

Run 1: Report of PCC-Vivace — Data Link

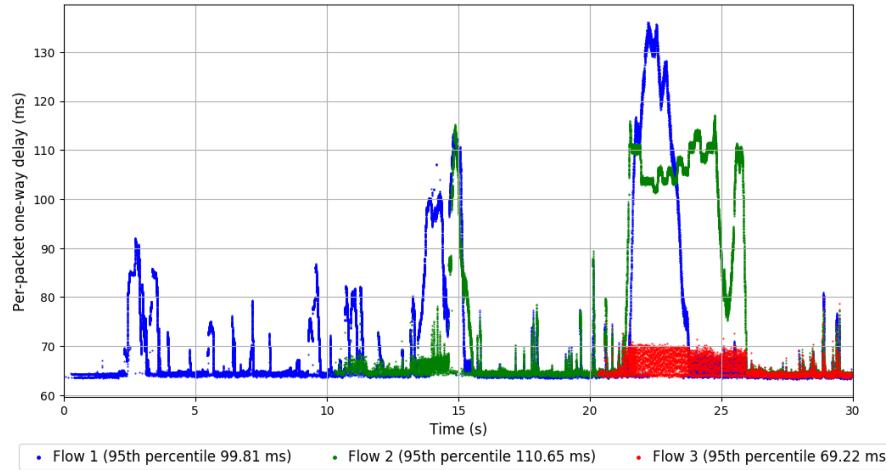
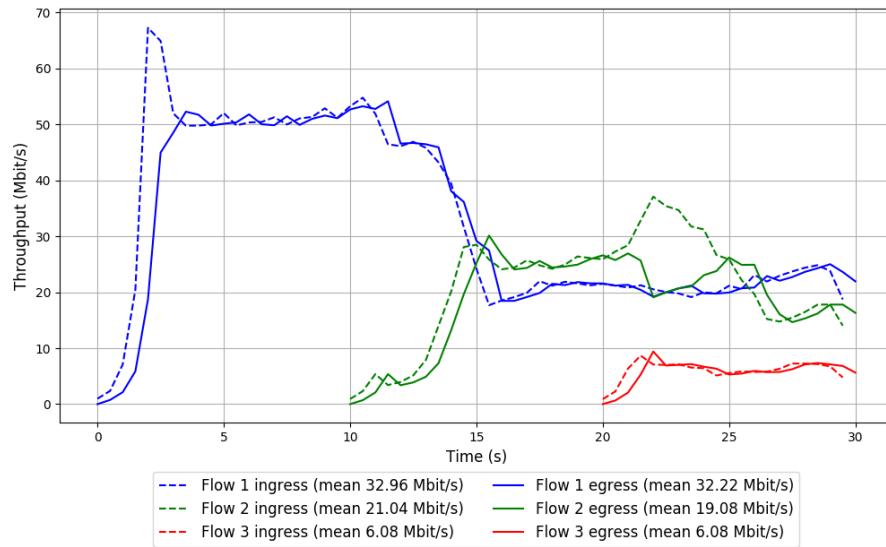


Run 2: Statistics of PCC-Vivace

```
Start at: 2018-06-29 22:18:38
End at: 2018-06-29 22:19:08
Local clock offset: 3.16 ms
Remote clock offset: -9.045 ms

# Below is generated by plot.py at 2018-06-30 05:01:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 46.91 Mbit/s
95th percentile per-packet one-way delay: 108.790 ms
Loss rate: 4.19%
-- Flow 1:
Average throughput: 32.22 Mbit/s
95th percentile per-packet one-way delay: 99.806 ms
Loss rate: 2.27%
-- Flow 2:
Average throughput: 19.08 Mbit/s
95th percentile per-packet one-way delay: 110.648 ms
Loss rate: 9.31%
-- Flow 3:
Average throughput: 6.08 Mbit/s
95th percentile per-packet one-way delay: 69.217 ms
Loss rate: 0.00%
```

Run 2: Report of PCC-Vivace — Data Link

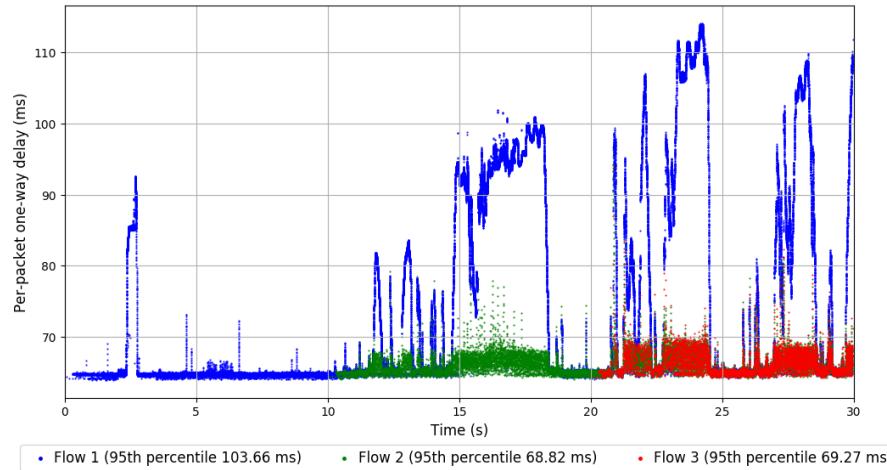
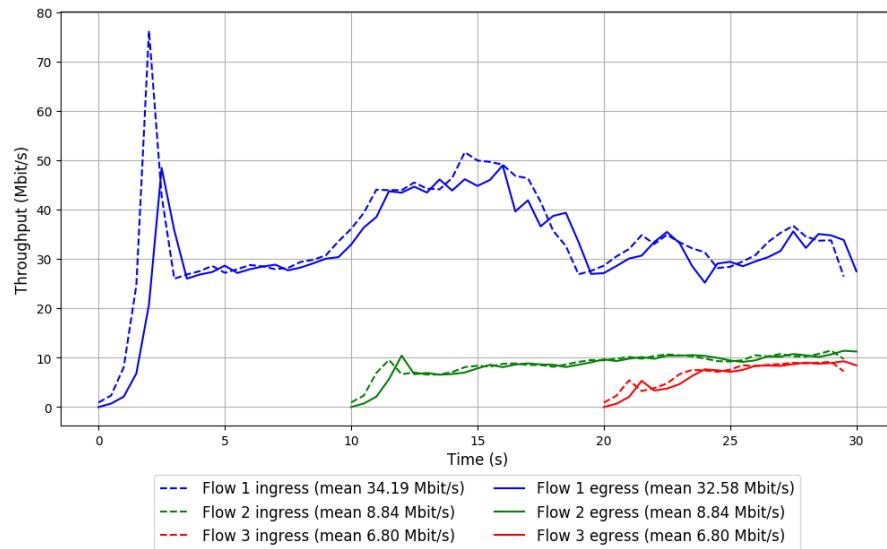


Run 3: Statistics of PCC-Vivace

```
Start at: 2018-06-29 23:05:55
End at: 2018-06-29 23:06:25
Local clock offset: 4.481 ms
Remote clock offset: -11.163 ms

# Below is generated by plot.py at 2018-06-30 05:01:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 40.70 Mbit/s
95th percentile per-packet one-way delay: 99.553 ms
Loss rate: 3.81%
-- Flow 1:
Average throughput: 32.58 Mbit/s
95th percentile per-packet one-way delay: 103.659 ms
Loss rate: 4.71%
-- Flow 2:
Average throughput: 8.84 Mbit/s
95th percentile per-packet one-way delay: 68.822 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 6.80 Mbit/s
95th percentile per-packet one-way delay: 69.274 ms
Loss rate: 0.00%
```

Run 3: Report of PCC-Vivace — Data Link

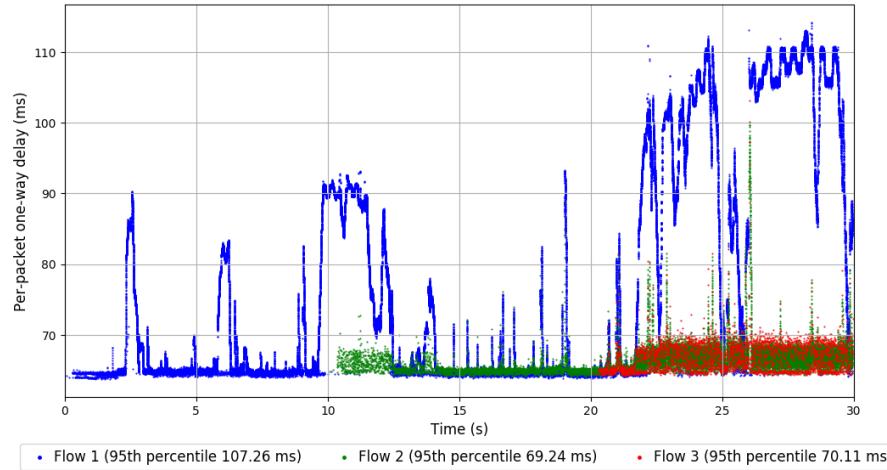
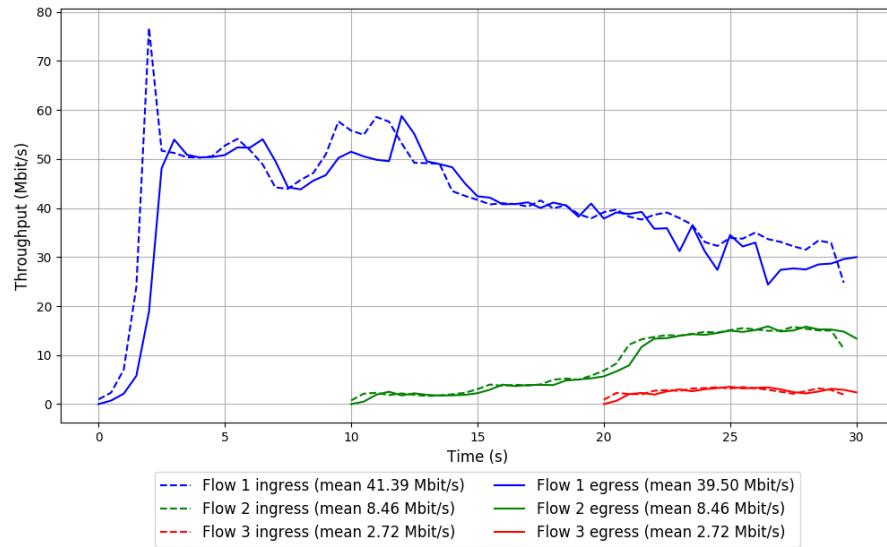


Run 4: Statistics of PCC-Vivace

```
Start at: 2018-06-29 23:52:54
End at: 2018-06-29 23:53:24
Local clock offset: 2.509 ms
Remote clock offset: -13.273 ms

# Below is generated by plot.py at 2018-06-30 05:01:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 46.01 Mbit/s
95th percentile per-packet one-way delay: 106.152 ms
Loss rate: 3.96%
-- Flow 1:
Average throughput: 39.50 Mbit/s
95th percentile per-packet one-way delay: 107.257 ms
Loss rate: 4.58%
-- Flow 2:
Average throughput: 8.46 Mbit/s
95th percentile per-packet one-way delay: 69.238 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 2.72 Mbit/s
95th percentile per-packet one-way delay: 70.106 ms
Loss rate: 0.00%
```

Run 4: Report of PCC-Vivace — Data Link

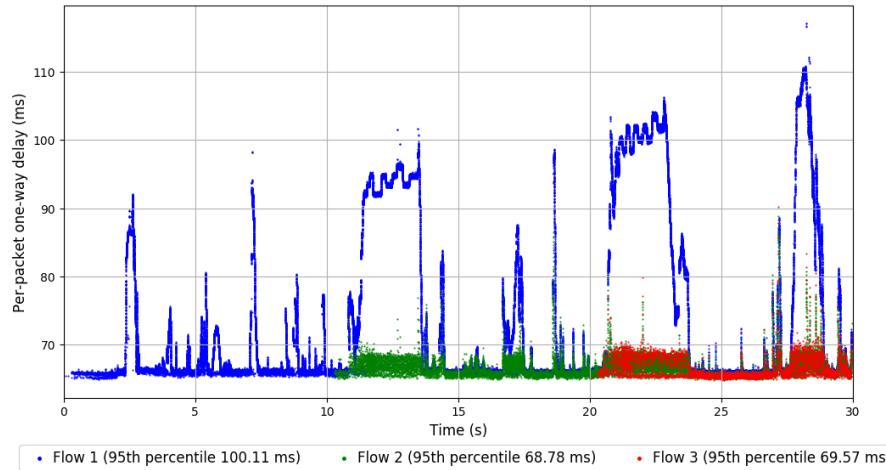
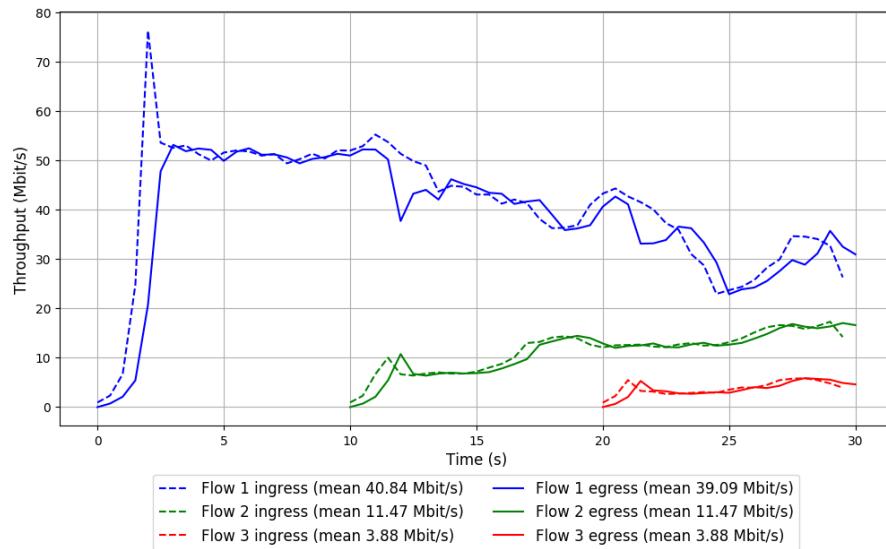


Run 5: Statistics of PCC-Vivace

```
Start at: 2018-06-30 00:42:39
End at: 2018-06-30 00:43:09
Local clock offset: -0.571 ms
Remote clock offset: -8.585 ms

# Below is generated by plot.py at 2018-06-30 05:01:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 47.98 Mbit/s
95th percentile per-packet one-way delay: 98.581 ms
Loss rate: 3.53%
-- Flow 1:
Average throughput: 39.09 Mbit/s
95th percentile per-packet one-way delay: 100.112 ms
Loss rate: 4.30%
-- Flow 2:
Average throughput: 11.47 Mbit/s
95th percentile per-packet one-way delay: 68.778 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 3.88 Mbit/s
95th percentile per-packet one-way delay: 69.569 ms
Loss rate: 0.00%
```

Run 5: Report of PCC-Vivace — Data Link

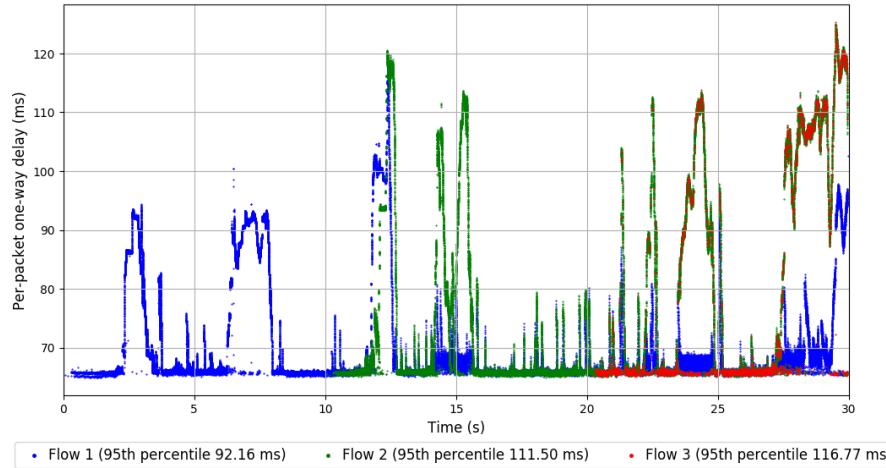
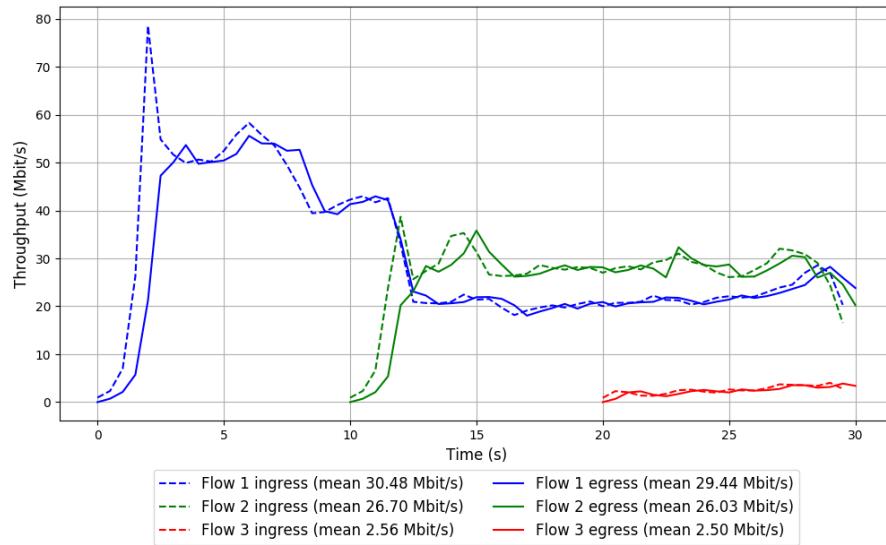


Run 6: Statistics of PCC-Vivace

```
Start at: 2018-06-30 01:30:50
End at: 2018-06-30 01:31:20
Local clock offset: 0.143 ms
Remote clock offset: -10.418 ms

# Below is generated by plot.py at 2018-06-30 05:01:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 47.57 Mbit/s
95th percentile per-packet one-way delay: 106.368 ms
Loss rate: 3.05%
-- Flow 1:
Average throughput: 29.44 Mbit/s
95th percentile per-packet one-way delay: 92.160 ms
Loss rate: 3.39%
-- Flow 2:
Average throughput: 26.03 Mbit/s
95th percentile per-packet one-way delay: 111.504 ms
Loss rate: 2.52%
-- Flow 3:
Average throughput: 2.50 Mbit/s
95th percentile per-packet one-way delay: 116.772 ms
Loss rate: 2.14%
```

Run 6: Report of PCC-Vivace — Data Link

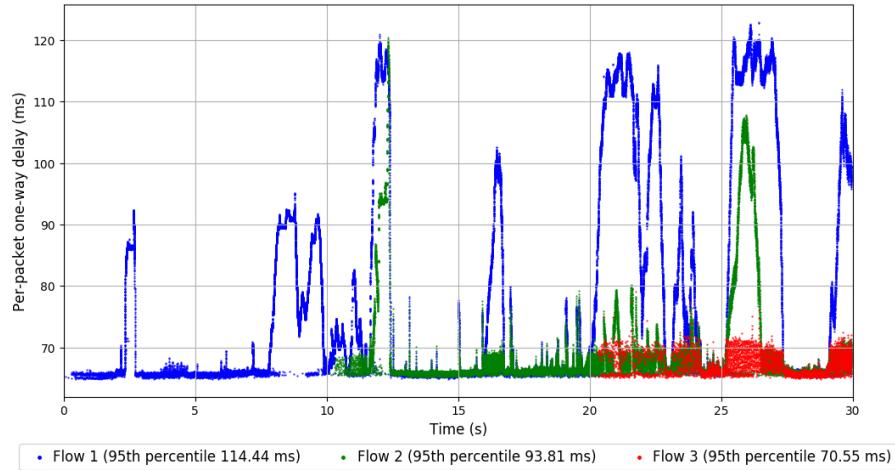
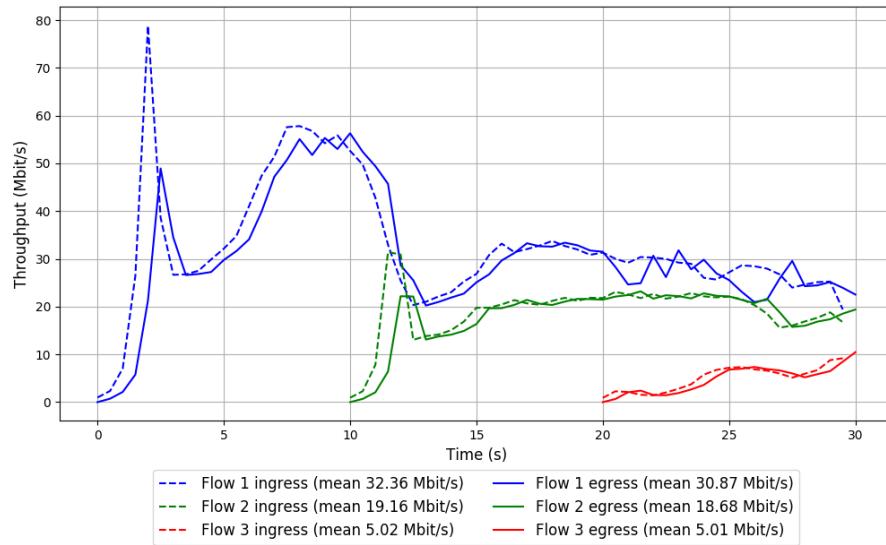


Run 7: Statistics of PCC-Vivace

```
Start at: 2018-06-30 02:17:38
End at: 2018-06-30 02:18:08
Local clock offset: 6.011 ms
Remote clock offset: -9.494 ms

# Below is generated by plot.py at 2018-06-30 05:01:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 44.94 Mbit/s
95th percentile per-packet one-way delay: 112.520 ms
Loss rate: 3.88%
-- Flow 1:
Average throughput: 30.87 Mbit/s
95th percentile per-packet one-way delay: 114.441 ms
Loss rate: 4.61%
-- Flow 2:
Average throughput: 18.68 Mbit/s
95th percentile per-packet one-way delay: 93.812 ms
Loss rate: 2.48%
-- Flow 3:
Average throughput: 5.01 Mbit/s
95th percentile per-packet one-way delay: 70.553 ms
Loss rate: 0.25%
```

Run 7: Report of PCC-Vivace — Data Link

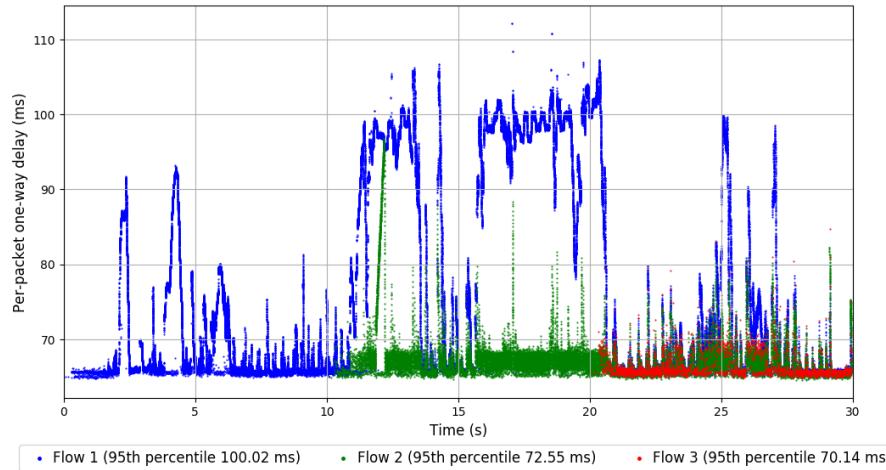
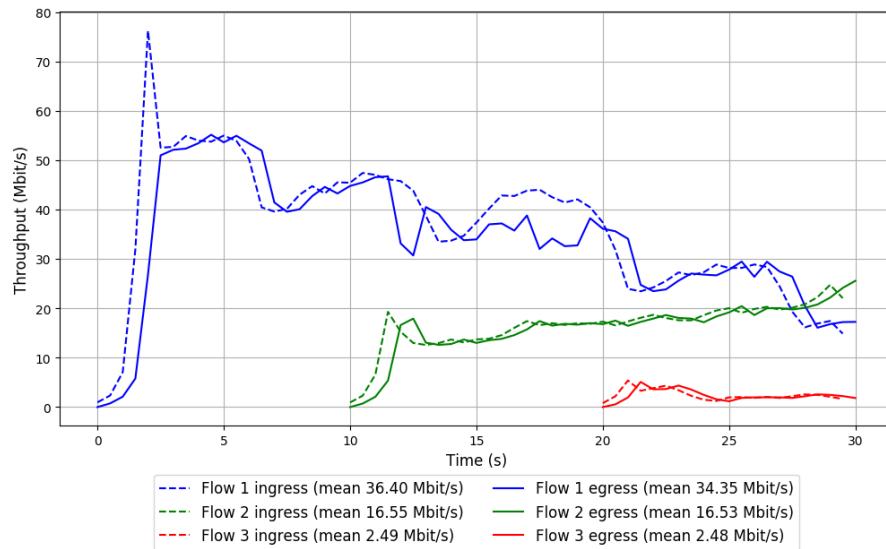


Run 8: Statistics of PCC-Vivace

```
Start at: 2018-06-30 03:03:42
End at: 2018-06-30 03:04:12
Local clock offset: -0.133 ms
Remote clock offset: -7.985 ms

# Below is generated by plot.py at 2018-06-30 05:01:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 46.16 Mbit/s
95th percentile per-packet one-way delay: 99.656 ms
Loss rate: 4.27%
-- Flow 1:
Average throughput: 34.35 Mbit/s
95th percentile per-packet one-way delay: 100.021 ms
Loss rate: 5.61%
-- Flow 2:
Average throughput: 16.53 Mbit/s
95th percentile per-packet one-way delay: 72.548 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 2.48 Mbit/s
95th percentile per-packet one-way delay: 70.145 ms
Loss rate: 0.23%
```

Run 8: Report of PCC-Vivace — Data Link

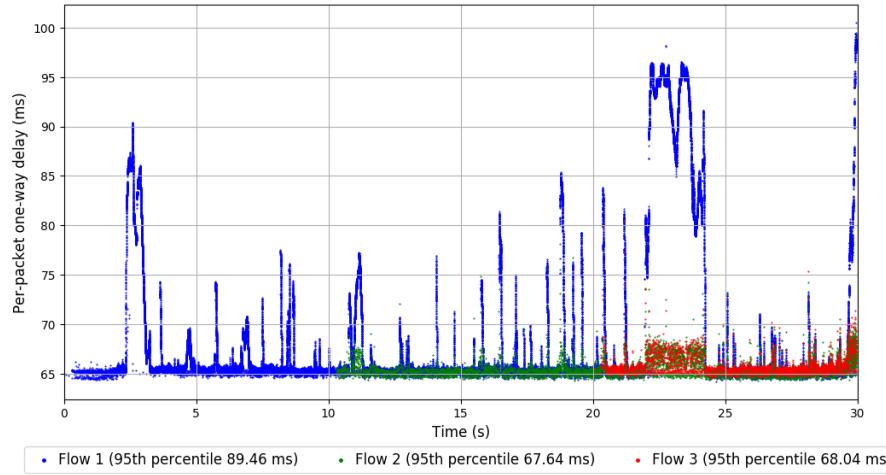
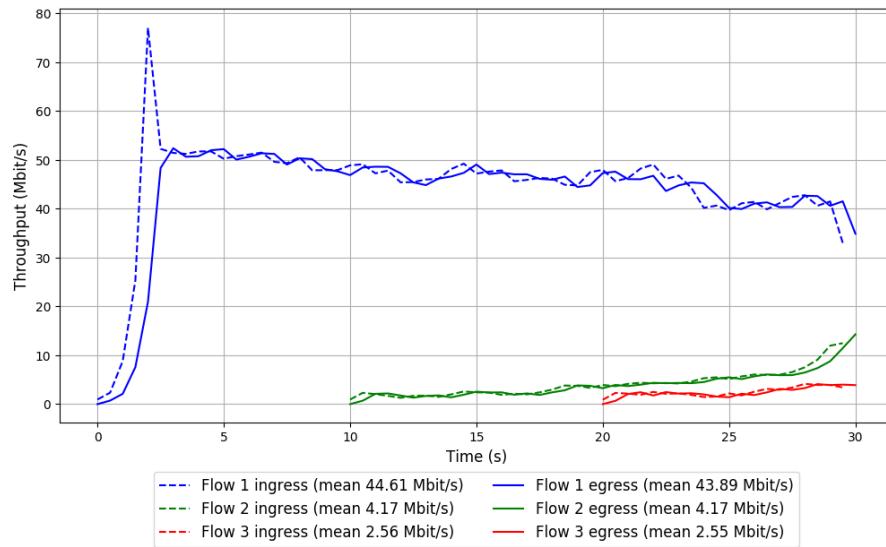


Run 9: Statistics of PCC-Vivace

```
Start at: 2018-06-30 03:46:54
End at: 2018-06-30 03:47:24
Local clock offset: 6.047 ms
Remote clock offset: -10.744 ms

# Below is generated by plot.py at 2018-06-30 05:01:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 47.51 Mbit/s
95th percentile per-packet one-way delay: 87.490 ms
Loss rate: 1.49%
-- Flow 1:
Average throughput: 43.89 Mbit/s
95th percentile per-packet one-way delay: 89.464 ms
Loss rate: 1.60%
-- Flow 2:
Average throughput: 4.17 Mbit/s
95th percentile per-packet one-way delay: 67.640 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 2.55 Mbit/s
95th percentile per-packet one-way delay: 68.037 ms
Loss rate: 0.09%
```

Run 9: Report of PCC-Vivace — Data Link

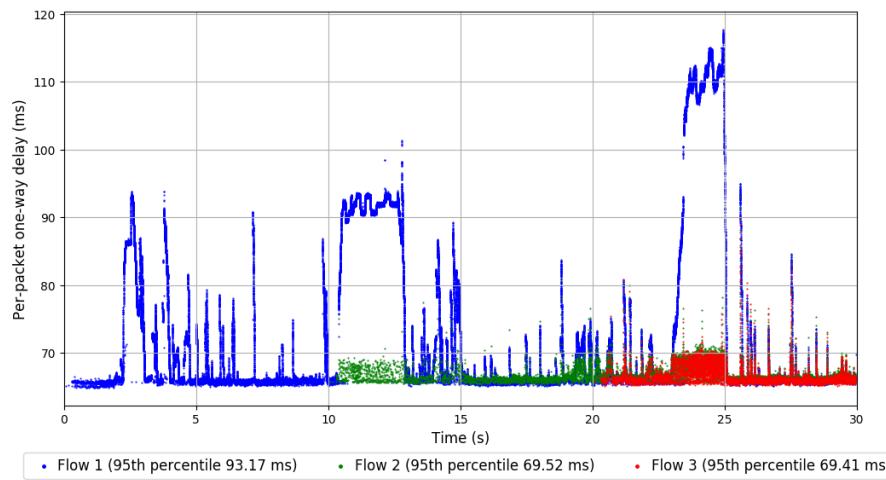
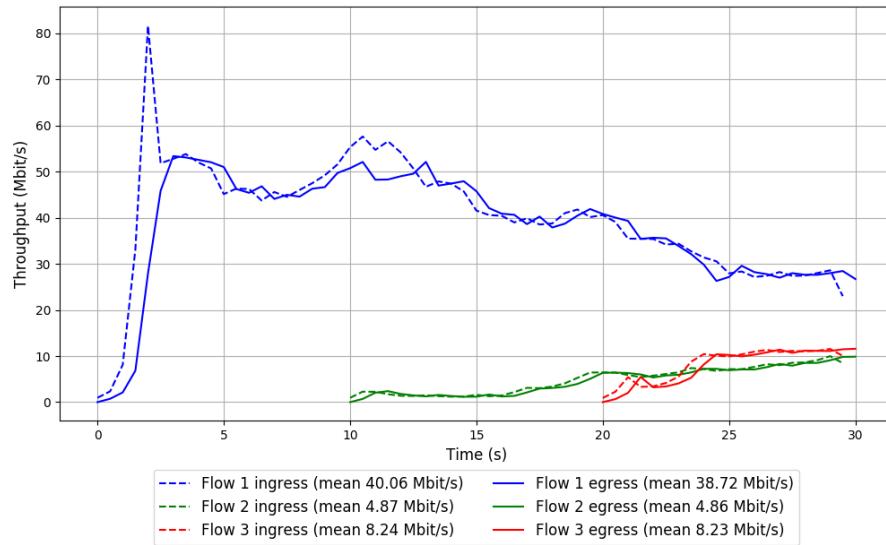


Run 10: Statistics of PCC-Vivace

```
Start at: 2018-06-30 04:32:36
End at: 2018-06-30 04:33:06
Local clock offset: 7.26 ms
Remote clock offset: -9.988 ms

# Below is generated by plot.py at 2018-06-30 05:01:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 44.67 Mbit/s
95th percentile per-packet one-way delay: 92.984 ms
Loss rate: 2.91%
-- Flow 1:
Average throughput: 38.72 Mbit/s
95th percentile per-packet one-way delay: 93.166 ms
Loss rate: 3.32%
-- Flow 2:
Average throughput: 4.86 Mbit/s
95th percentile per-packet one-way delay: 69.517 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 8.23 Mbit/s
95th percentile per-packet one-way delay: 69.405 ms
Loss rate: 0.10%
```

Run 10: Report of PCC-Vivace — Data Link

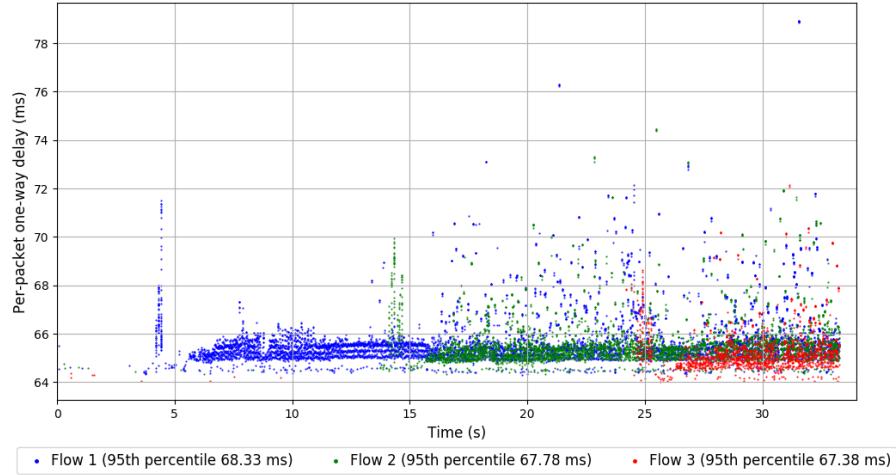
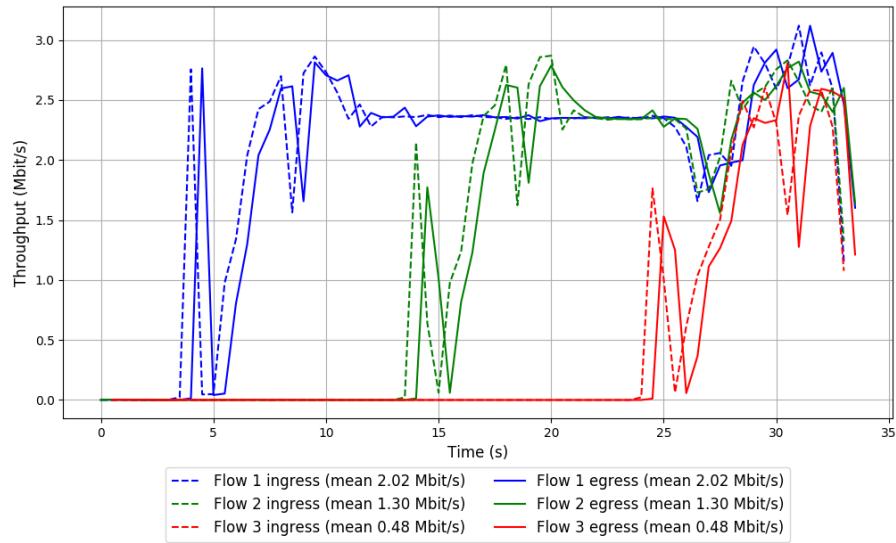


```
Run 1: Statistics of WebRTC media

Start at: 2018-06-29 21:28:55
End at: 2018-06-29 21:29:25
Local clock offset: 2.7 ms
Remote clock offset: -10.403 ms

# Below is generated by plot.py at 2018-06-30 05:01:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.78 Mbit/s
95th percentile per-packet one-way delay: 67.970 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.02 Mbit/s
95th percentile per-packet one-way delay: 68.334 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.30 Mbit/s
95th percentile per-packet one-way delay: 67.780 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 67.381 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

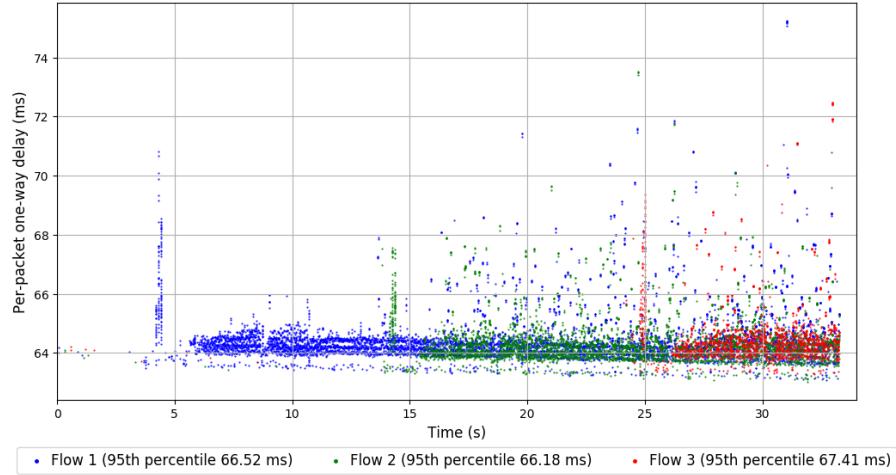
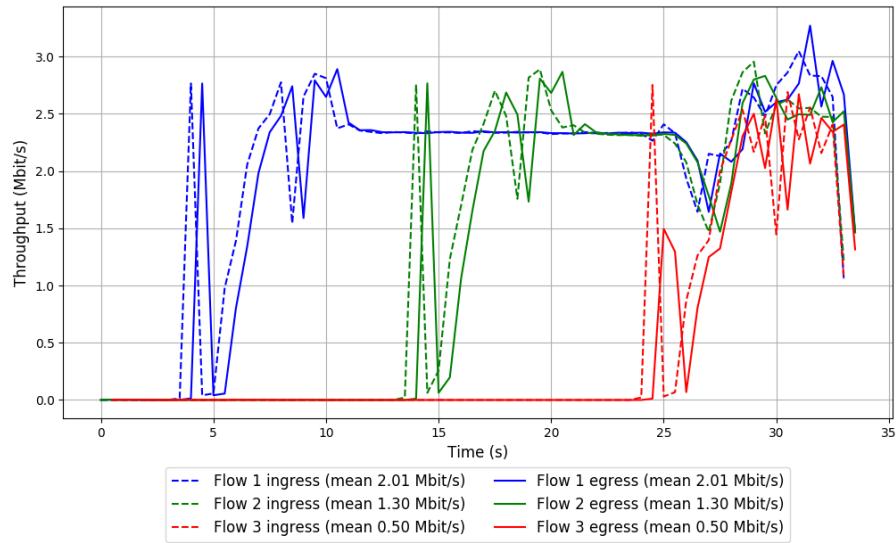


```
Run 2: Statistics of WebRTC media

Start at: 2018-06-29 22:17:12
End at: 2018-06-29 22:17:42
Local clock offset: 4.458 ms
Remote clock offset: -9.049 ms

# Below is generated by plot.py at 2018-06-30 05:01:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.79 Mbit/s
95th percentile per-packet one-way delay: 66.459 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.01 Mbit/s
95th percentile per-packet one-way delay: 66.521 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.30 Mbit/s
95th percentile per-packet one-way delay: 66.179 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 67.406 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

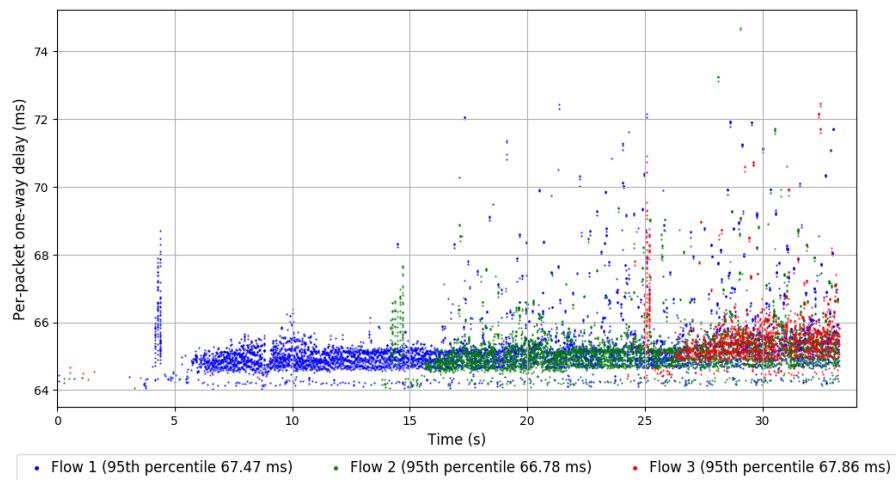
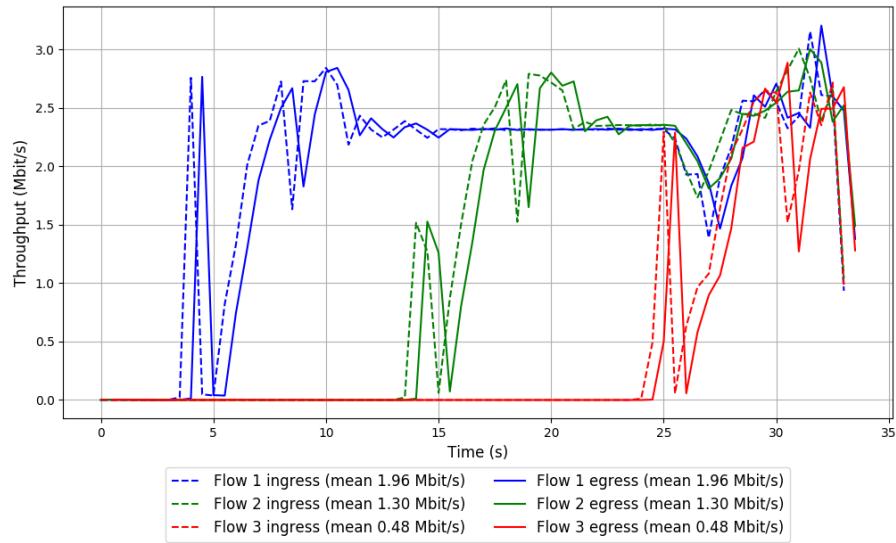


```
Run 3: Statistics of WebRTC media

Start at: 2018-06-29 23:04:30
End at: 2018-06-29 23:05:00
Local clock offset: 4.145 ms
Remote clock offset: -11.099 ms

# Below is generated by plot.py at 2018-06-30 05:01:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.73 Mbit/s
95th percentile per-packet one-way delay: 67.326 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.96 Mbit/s
95th percentile per-packet one-way delay: 67.474 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.30 Mbit/s
95th percentile per-packet one-way delay: 66.778 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 67.864 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

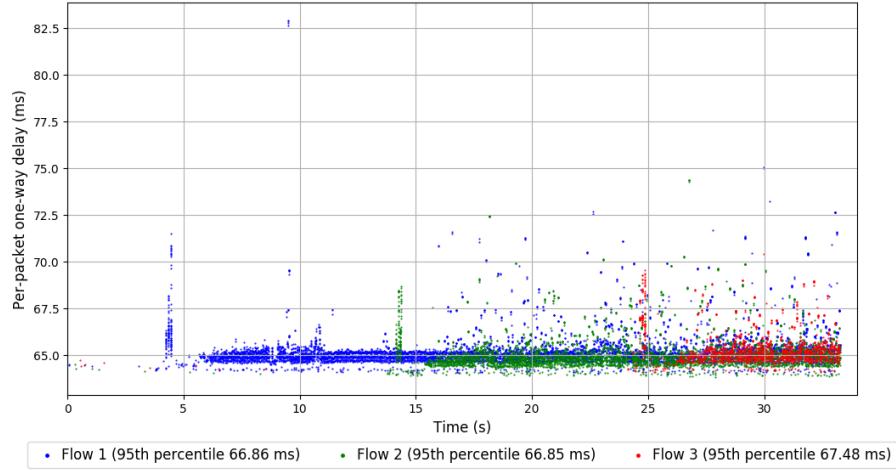
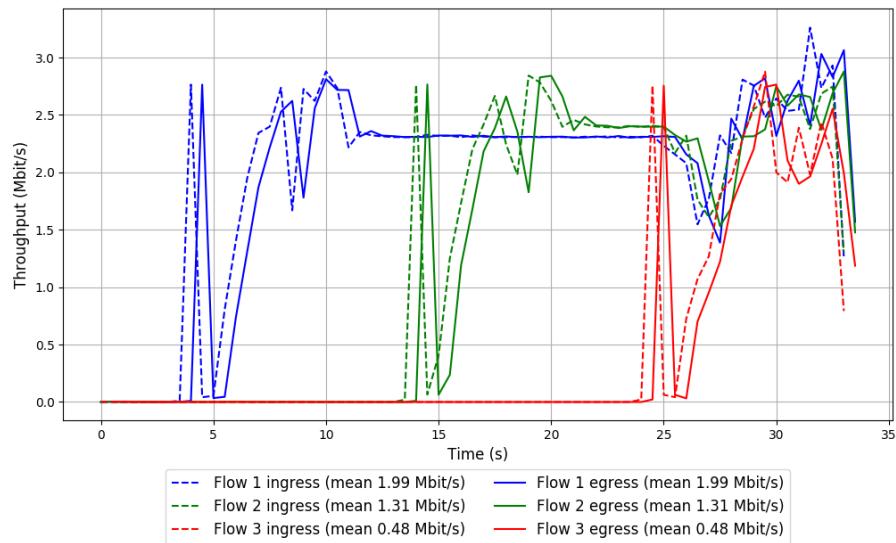


Run 4: Statistics of WebRTC media

```
Start at: 2018-06-29 23:51:30
End at: 2018-06-29 23:52:00
Local clock offset: 2.761 ms
Remote clock offset: -13.211 ms

# Below is generated by plot.py at 2018-06-30 05:01:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.76 Mbit/s
95th percentile per-packet one-way delay: 67.089 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.99 Mbit/s
95th percentile per-packet one-way delay: 66.856 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.31 Mbit/s
95th percentile per-packet one-way delay: 66.850 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 67.482 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

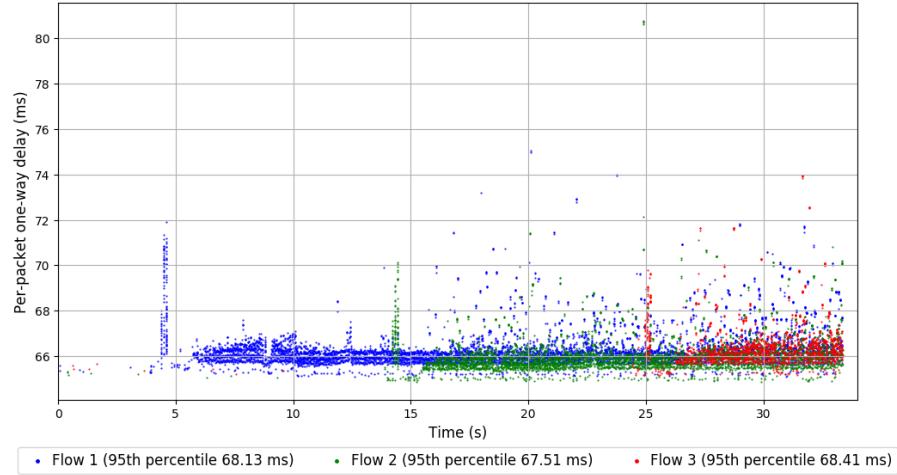
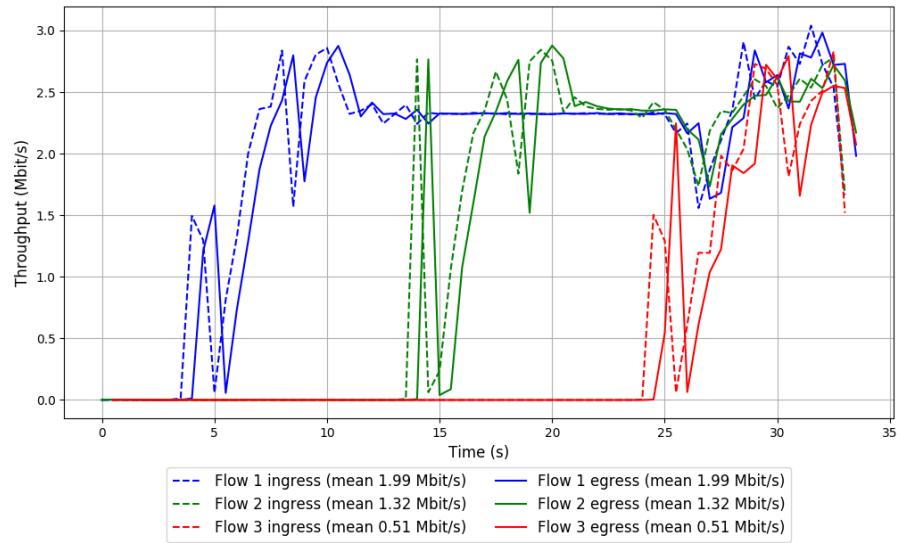


Run 5: Statistics of WebRTC media

```
Start at: 2018-06-30 00:41:12
End at: 2018-06-30 00:41:42
Local clock offset: -0.661 ms
Remote clock offset: -8.522 ms

# Below is generated by plot.py at 2018-06-30 05:01:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.79 Mbit/s
95th percentile per-packet one-way delay: 68.007 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.99 Mbit/s
95th percentile per-packet one-way delay: 68.129 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 67.512 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 68.413 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

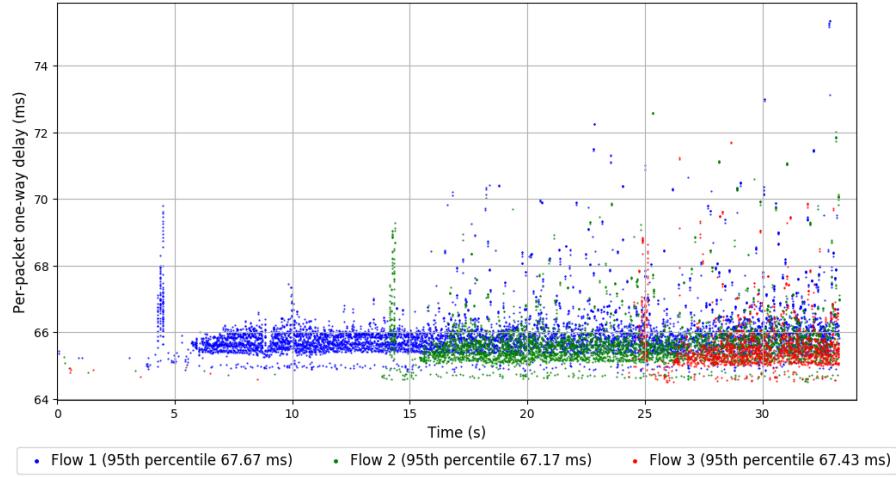
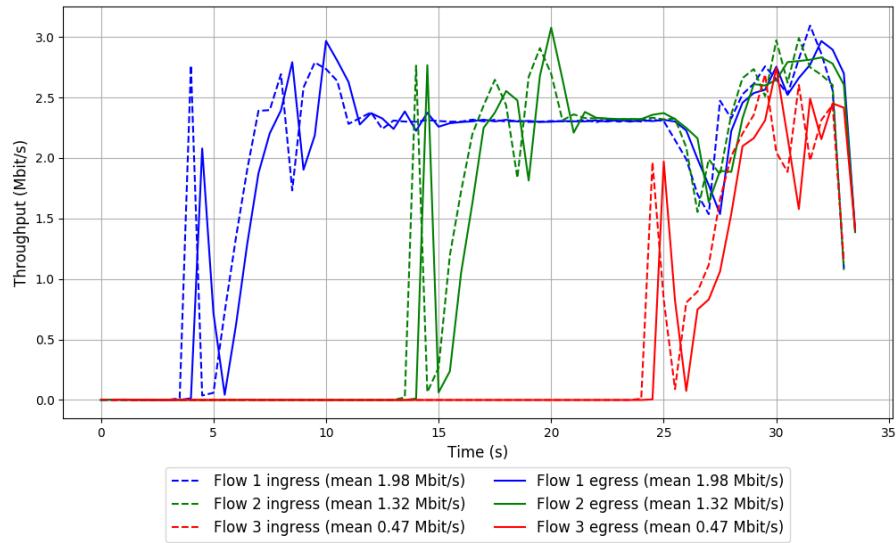


Run 6: Statistics of WebRTC media

```
Start at: 2018-06-30 01:29:22
End at: 2018-06-30 01:29:52
Local clock offset: 0.43 ms
Remote clock offset: -10.394 ms

# Below is generated by plot.py at 2018-06-30 05:01:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.75 Mbit/s
95th percentile per-packet one-way delay: 67.471 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.98 Mbit/s
95th percentile per-packet one-way delay: 67.672 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 67.165 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 67.434 ms
Loss rate: 0.00%
```

Run 6: Report of WebRTC media — Data Link

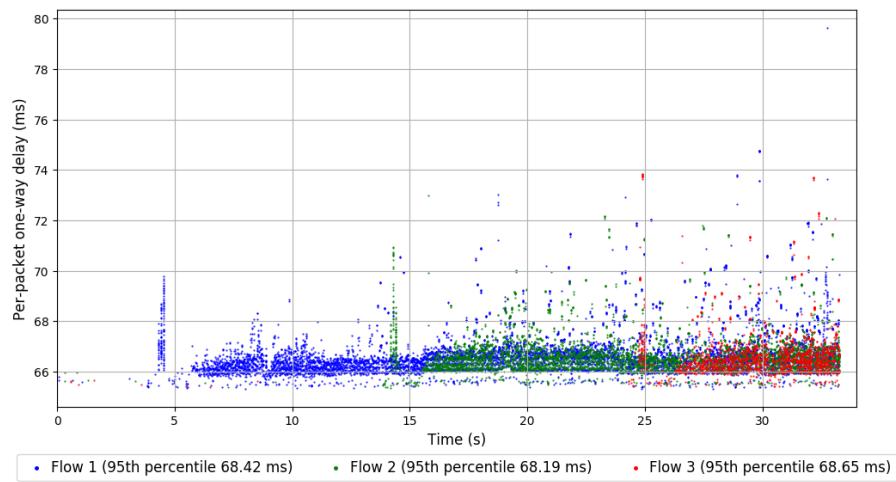
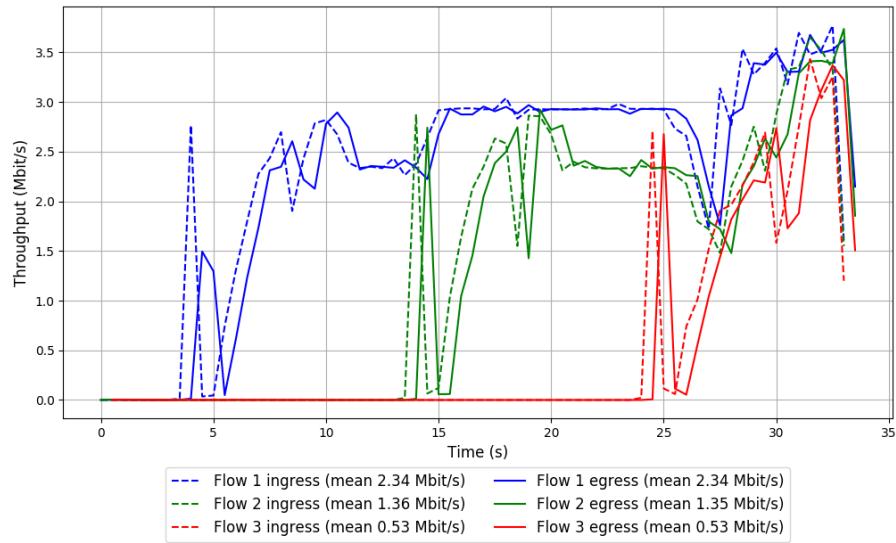


```
Run 7: Statistics of WebRTC media

Start at: 2018-06-30 02:16:12
End at: 2018-06-30 02:16:42
Local clock offset: 5.626 ms
Remote clock offset: -9.4 ms

# Below is generated by plot.py at 2018-06-30 05:01:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.20 Mbit/s
95th percentile per-packet one-way delay: 68.372 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 68.422 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 1.35 Mbit/s
95th percentile per-packet one-way delay: 68.187 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 0.53 Mbit/s
95th percentile per-packet one-way delay: 68.647 ms
Loss rate: 0.42%
```

Run 7: Report of WebRTC media — Data Link

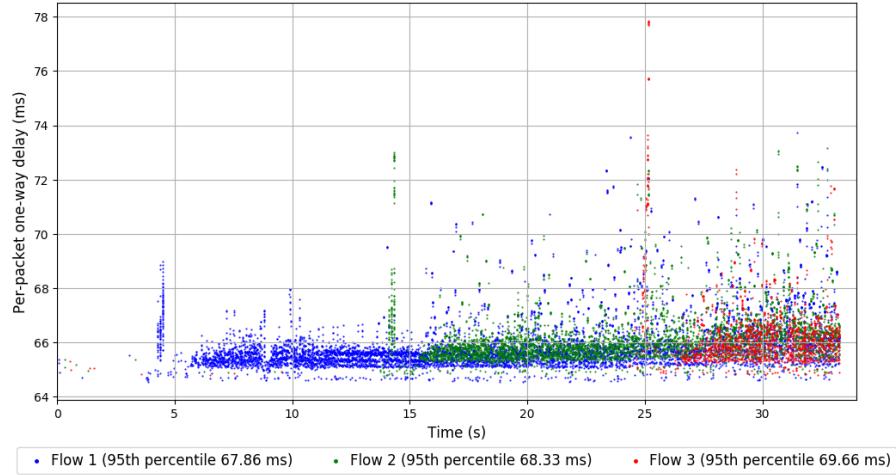
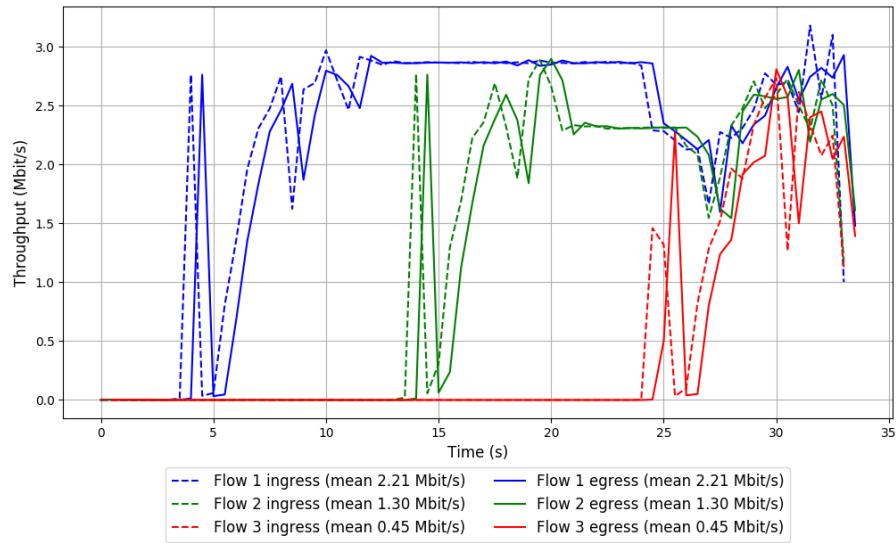


Run 8: Statistics of WebRTC media

```
Start at: 2018-06-30 03:02:11
End at: 2018-06-30 03:02:41
Local clock offset: 0.18 ms
Remote clock offset: -8.019 ms

# Below is generated by plot.py at 2018-06-30 05:01:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.94 Mbit/s
95th percentile per-packet one-way delay: 68.156 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 2.21 Mbit/s
95th percentile per-packet one-way delay: 67.856 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 1.30 Mbit/s
95th percentile per-packet one-way delay: 68.332 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 69.656 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

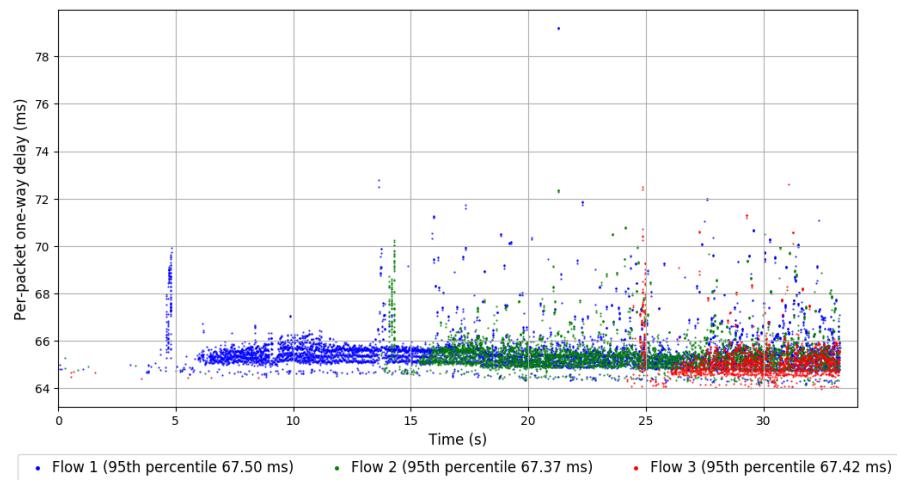
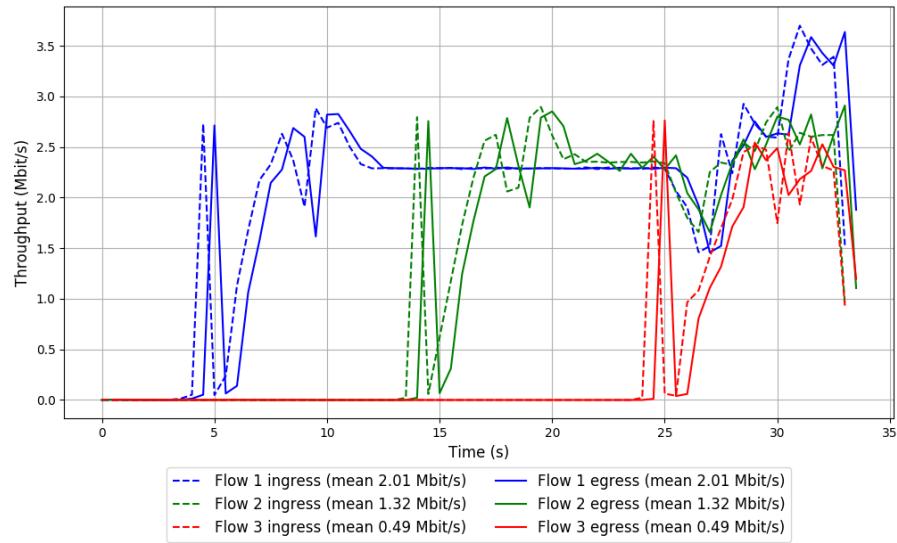


Run 9: Statistics of WebRTC media

```
Start at: 2018-06-30 03:45:27
End at: 2018-06-30 03:45:57
Local clock offset: 7.242 ms
Remote clock offset: -10.806 ms

# Below is generated by plot.py at 2018-06-30 05:01:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.80 Mbit/s
95th percentile per-packet one-way delay: 67.425 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 2.01 Mbit/s
95th percentile per-packet one-way delay: 67.501 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 67.374 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 67.415 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

```
Start at: 2018-06-30 04:31:09
End at: 2018-06-30 04:31:39
Local clock offset: 6.778 ms
Remote clock offset: -10.231 ms

# Below is generated by plot.py at 2018-06-30 05:01:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.23 Mbit/s
95th percentile per-packet one-way delay: 68.315 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 68.464 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 1.33 Mbit/s
95th percentile per-packet one-way delay: 67.932 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 68.996 ms
Loss rate: 0.06%
```

Run 10: Report of WebRTC media — Data Link

