

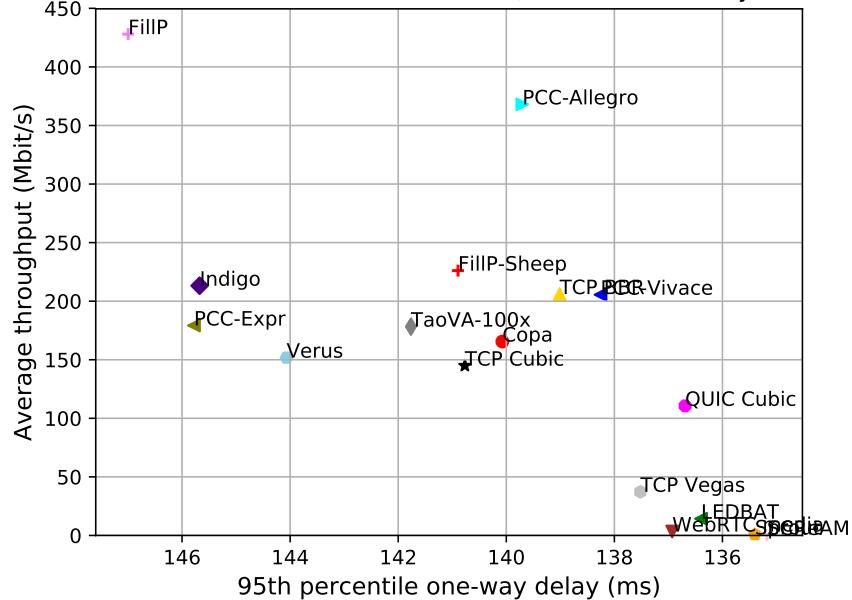
## Pantheon Report

Generated at 2018-07-25 13:52:42 (UTC).  
Data path: Saudi Arabia Ethernet (*remote*) → AWS India 2 Ethernet (*local*).  
Repeated the test of 17 congestion control schemes 10 times.  
Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.  
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).  
NTP offsets were measured against [nets.org.sg](http://nets.org.sg) and have been applied to correct the timestamps in logs.

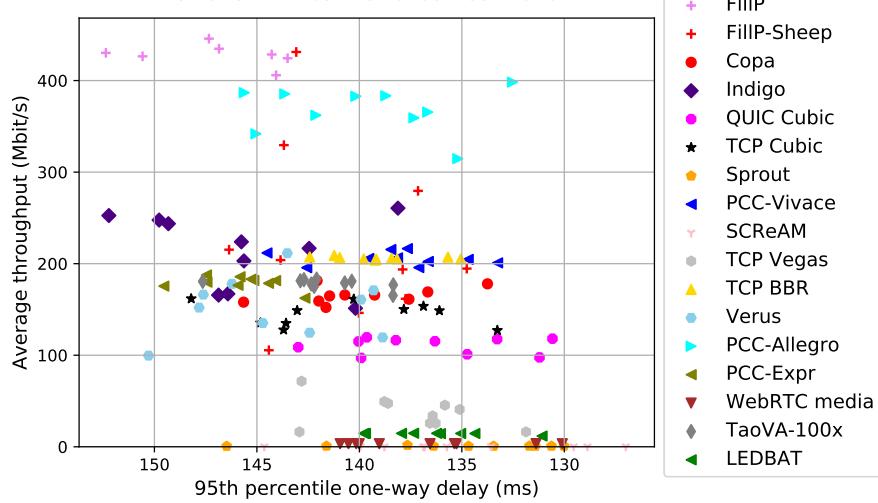
Git summary:

```
branch: master @ 640164b5b17c7c6561fff57729b3b5935d8596ce
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ daed0c84f98531712514b2231f43ec6901114ffe
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 Saudi Arabia to AWS India 2, 10 runs of 30s each per scheme  
 3 flows with 10s interval between flows (mean of all runs by scheme)



test from Saudi Arabia to AWS India 2, 10 runs of 30s each per scheme  
 3 flows with 10s interval between flows



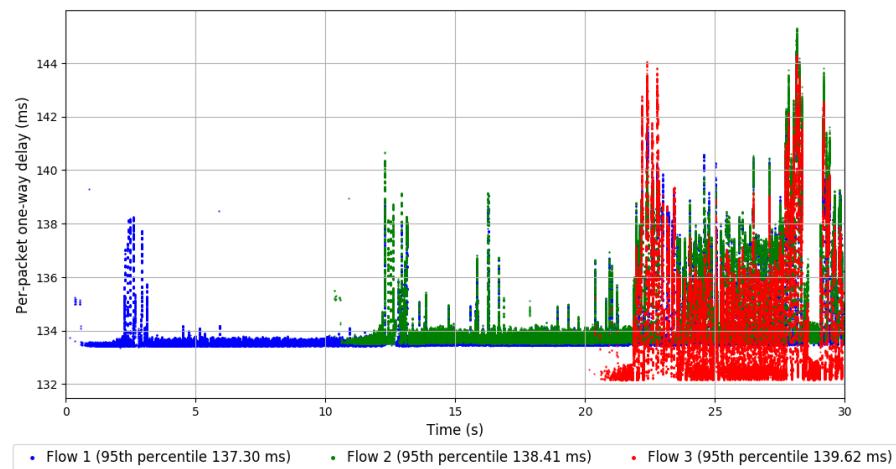
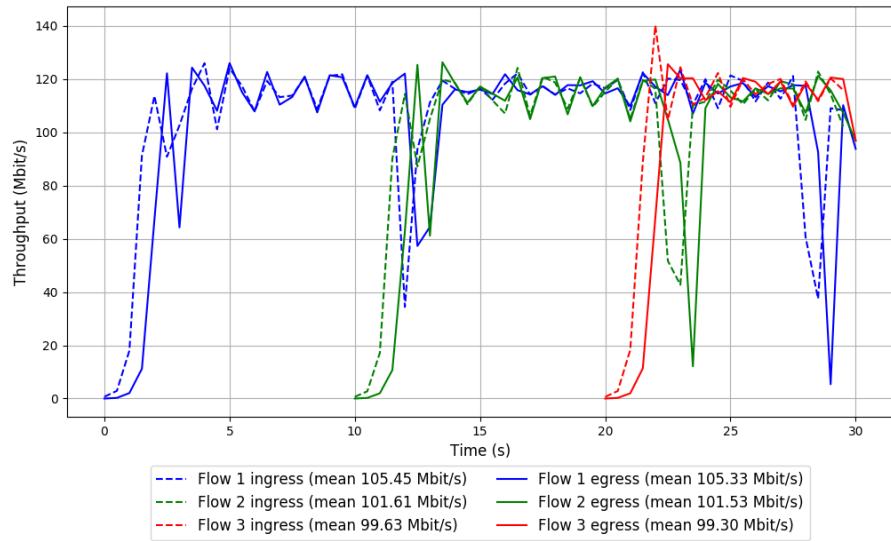
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	105.46	103.56	97.38	138.37	138.84	140.96	0.74	1.11	2.39
Copa	10	104.03	71.48	42.90	140.12	139.64	139.88	0.41	1.09	3.11
TCP Cubic	10	74.46	74.29	64.73	140.25	140.48	141.93	0.65	1.19	2.22
FillP	7	268.07	189.39	121.92	146.45	146.80	147.65	1.88	3.31	13.69
FillP-Sheep	10	66.22	133.31	220.64	140.06	140.63	141.01	0.08	0.87	3.30
Indigo	10	99.53	119.52	106.15	144.41	145.65	146.74	0.74	1.05	2.38
LEDBAT	9	9.37	6.08	2.84	135.50	135.96	136.15	1.32	2.02	4.29
PCC-Allegro	10	332.50	44.99	21.55	139.69	139.25	139.19	0.69	1.08	2.10
PCC-Expr	10	169.54	10.75	7.87	145.82	144.18	144.12	0.68	1.49	2.52
QUIC Cubic	10	59.00	54.22	48.01	136.32	136.34	136.36	0.56	0.94	2.09
SCReAM	10	0.22	0.22	0.22	134.35	134.92	134.69	0.64	1.03	1.77
Sprout	10	0.35	0.55	0.54	134.85	134.86	134.73	0.72	0.81	1.03
TaoVA-100x	10	109.56	74.33	59.72	141.31	141.58	143.23	0.41	0.80	2.46
TCP Vegas	10	9.22	24.26	36.43	135.64	136.92	138.61	0.98	1.21	2.18
Verus	10	100.56	74.97	34.38	143.83	143.94	144.76	0.67	2.32	4.87
PCC-Vivace	10	174.69	40.55	12.13	138.28	137.88	137.57	0.60	1.34	4.25
WebRTC media	10	1.84	1.11	0.43	136.39	136.41	136.83	0.62	1.11	2.80

Run 1: Statistics of TCP BBR

```
Start at: 2018-07-25 08:02:16
End at: 2018-07-25 08:02:46
Local clock offset: -1.939 ms
Remote clock offset: -29.767 ms

# Below is generated by plot.py at 2018-07-25 13:09:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 205.26 Mbit/s
95th percentile per-packet one-way delay: 138.163 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 105.33 Mbit/s
95th percentile per-packet one-way delay: 137.300 ms
Loss rate: 0.72%
-- Flow 2:
Average throughput: 101.53 Mbit/s
95th percentile per-packet one-way delay: 138.405 ms
Loss rate: 1.07%
-- Flow 3:
Average throughput: 99.30 Mbit/s
95th percentile per-packet one-way delay: 139.623 ms
Loss rate: 2.41%
```

## Run 1: Report of TCP BBR — Data Link

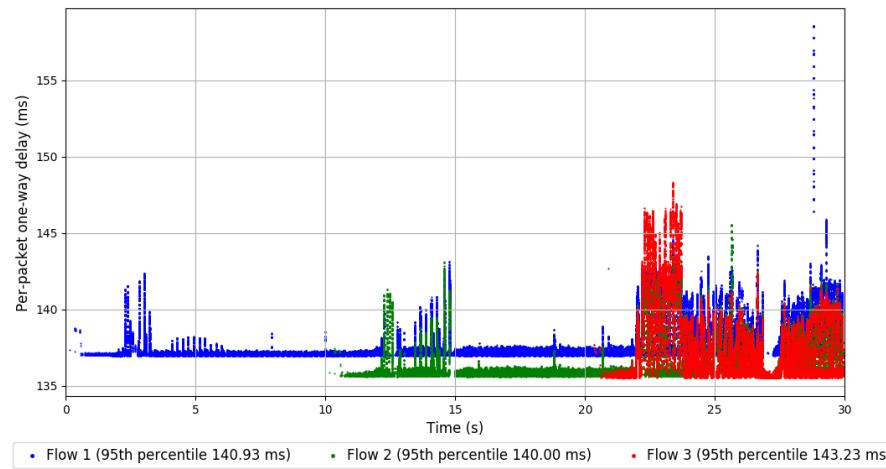
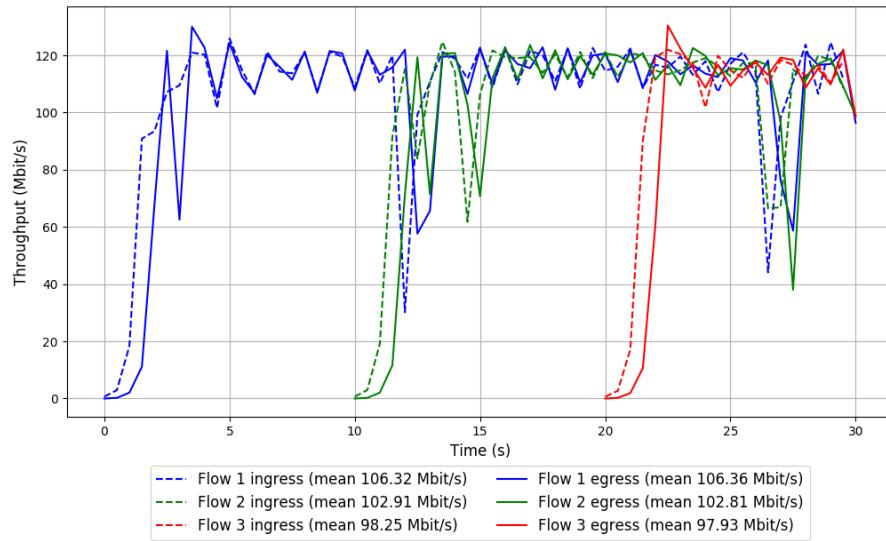


Run 2: Statistics of TCP BBR

```
Start at: 2018-07-25 08:38:07
End at: 2018-07-25 08:38:37
Local clock offset: -1.53 ms
Remote clock offset: -31.651 ms

# Below is generated by plot.py at 2018-07-25 13:09:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 206.69 Mbit/s
95th percentile per-packet one-way delay: 140.960 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 106.36 Mbit/s
95th percentile per-packet one-way delay: 140.929 ms
Loss rate: 0.69%
-- Flow 2:
Average throughput: 102.81 Mbit/s
95th percentile per-packet one-way delay: 139.996 ms
Loss rate: 1.10%
-- Flow 3:
Average throughput: 97.93 Mbit/s
95th percentile per-packet one-way delay: 143.227 ms
Loss rate: 2.31%
```

## Run 2: Report of TCP BBR — Data Link

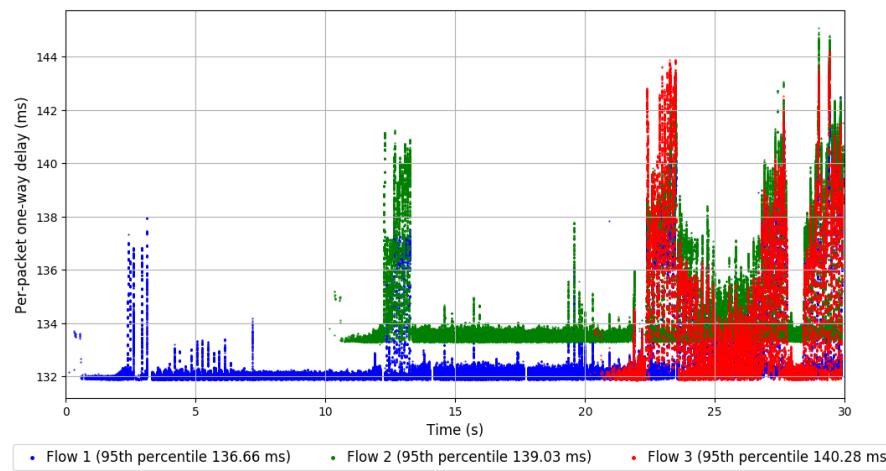
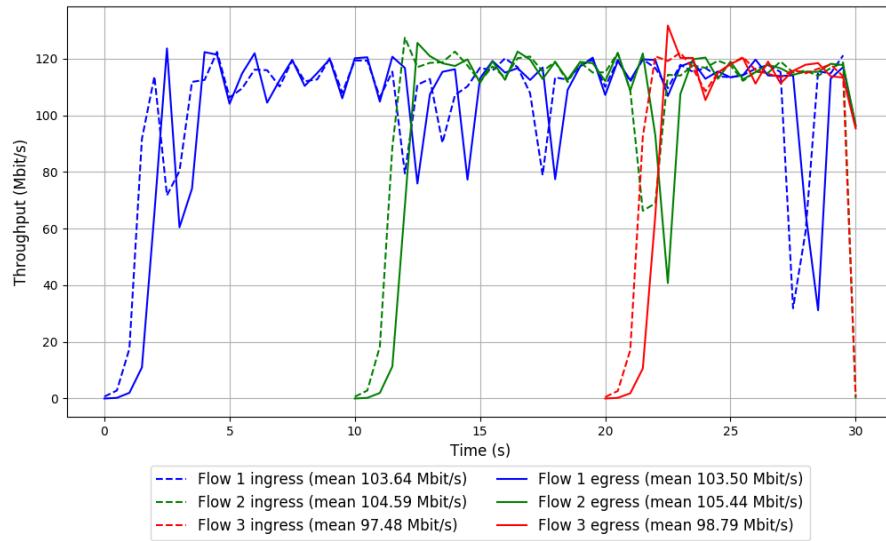


Run 3: Statistics of TCP BBR

```
Start at: 2018-07-25 09:02:28
End at: 2018-07-25 09:02:58
Local clock offset: -1.592 ms
Remote clock offset: -27.94 ms

# Below is generated by plot.py at 2018-07-25 13:09:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 205.80 Mbit/s
95th percentile per-packet one-way delay: 138.430 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 103.50 Mbit/s
95th percentile per-packet one-way delay: 136.659 ms
Loss rate: 0.86%
-- Flow 2:
Average throughput: 105.44 Mbit/s
95th percentile per-packet one-way delay: 139.035 ms
Loss rate: 1.18%
-- Flow 3:
Average throughput: 98.79 Mbit/s
95th percentile per-packet one-way delay: 140.283 ms
Loss rate: 2.68%
```

### Run 3: Report of TCP BBR — Data Link

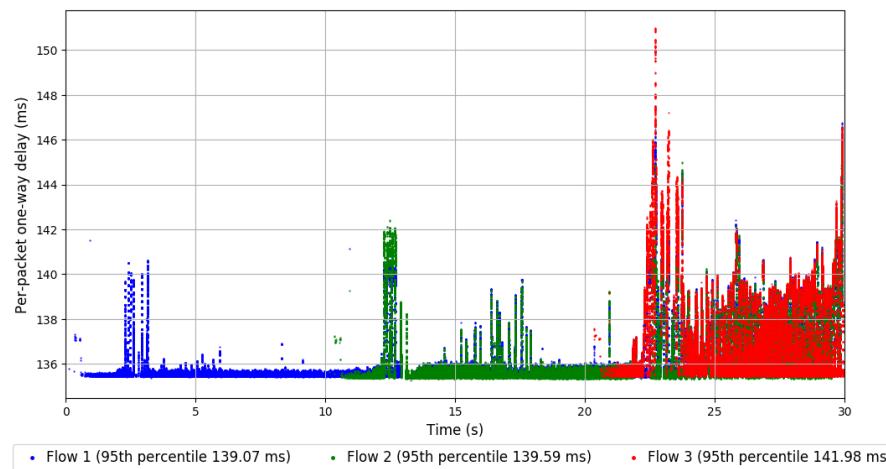
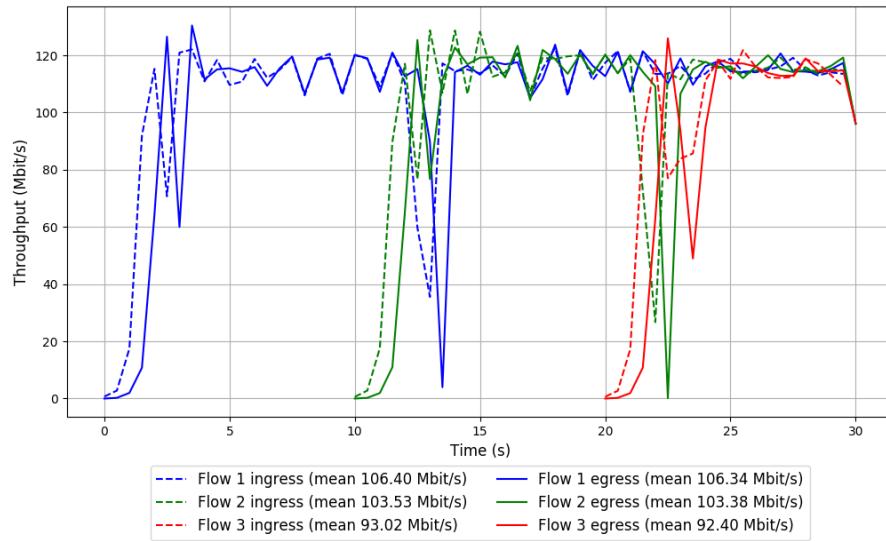


Run 4: Statistics of TCP BBR

```
Start at: 2018-07-25 09:43:51
End at: 2018-07-25 09:44:21
Local clock offset: -1.502 ms
Remote clock offset: -34.161 ms

# Below is generated by plot.py at 2018-07-25 13:09:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 205.18 Mbit/s
95th percentile per-packet one-way delay: 139.789 ms
Loss rate: 1.12%
-- Flow 1:
Average throughput: 106.34 Mbit/s
95th percentile per-packet one-way delay: 139.068 ms
Loss rate: 0.74%
-- Flow 2:
Average throughput: 103.38 Mbit/s
95th percentile per-packet one-way delay: 139.595 ms
Loss rate: 1.14%
-- Flow 3:
Average throughput: 92.40 Mbit/s
95th percentile per-packet one-way delay: 141.983 ms
Loss rate: 2.43%
```

## Run 4: Report of TCP BBR — Data Link

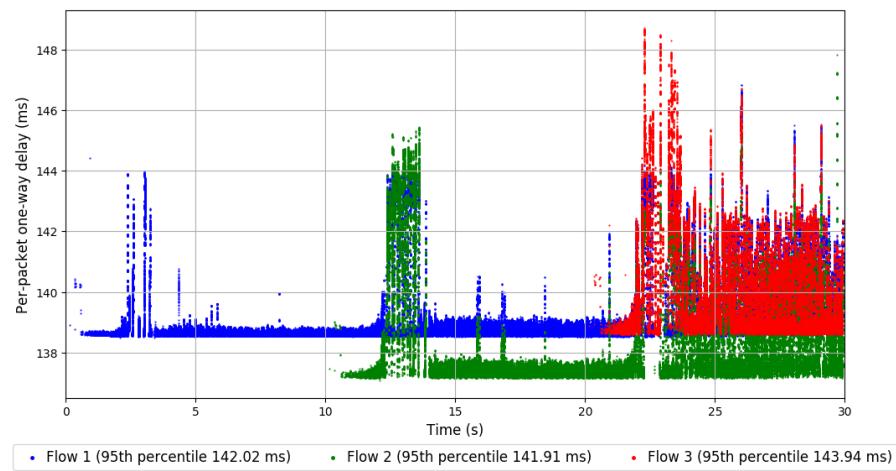
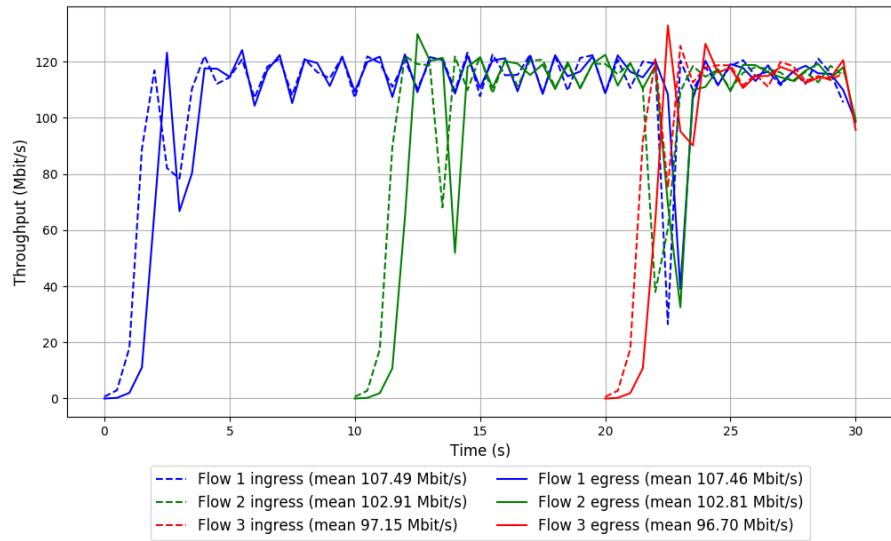


Run 5: Statistics of TCP BBR

```
Start at: 2018-07-25 10:23:31
End at: 2018-07-25 10:24:01
Local clock offset: 1.851 ms
Remote clock offset: -34.736 ms

# Below is generated by plot.py at 2018-07-25 13:09:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 207.38 Mbit/s
95th percentile per-packet one-way delay: 142.424 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 107.46 Mbit/s
95th percentile per-packet one-way delay: 142.018 ms
Loss rate: 0.70%
-- Flow 2:
Average throughput: 102.81 Mbit/s
95th percentile per-packet one-way delay: 141.908 ms
Loss rate: 1.08%
-- Flow 3:
Average throughput: 96.70 Mbit/s
95th percentile per-packet one-way delay: 143.942 ms
Loss rate: 2.53%
```

Run 5: Report of TCP BBR — Data Link

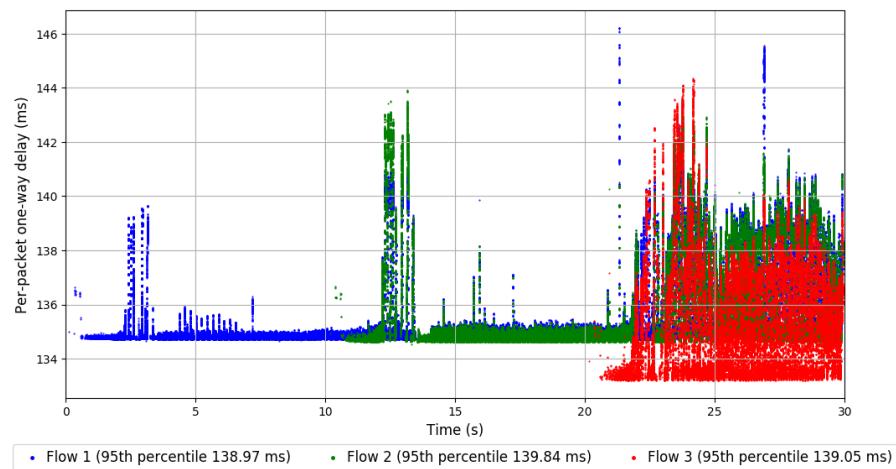
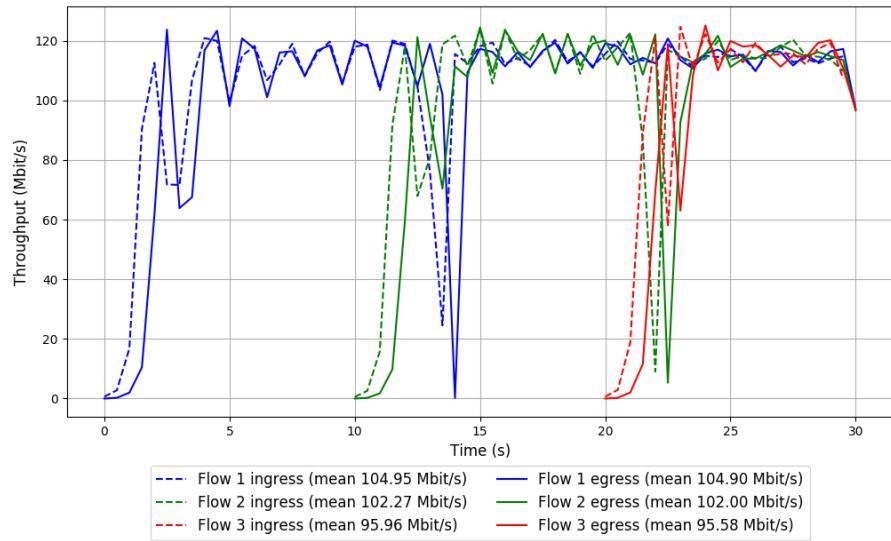


Run 6: Statistics of TCP BBR

```
Start at: 2018-07-25 10:48:02
End at: 2018-07-25 10:48:32
Local clock offset: 3.149 ms
Remote clock offset: -30.185 ms

# Below is generated by plot.py at 2018-07-25 13:09:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 203.87 Mbit/s
95th percentile per-packet one-way delay: 139.231 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 104.90 Mbit/s
95th percentile per-packet one-way delay: 138.971 ms
Loss rate: 0.70%
-- Flow 2:
Average throughput: 102.00 Mbit/s
95th percentile per-packet one-way delay: 139.844 ms
Loss rate: 1.14%
-- Flow 3:
Average throughput: 95.58 Mbit/s
95th percentile per-packet one-way delay: 139.047 ms
Loss rate: 2.33%
```

### Run 6: Report of TCP BBR — Data Link

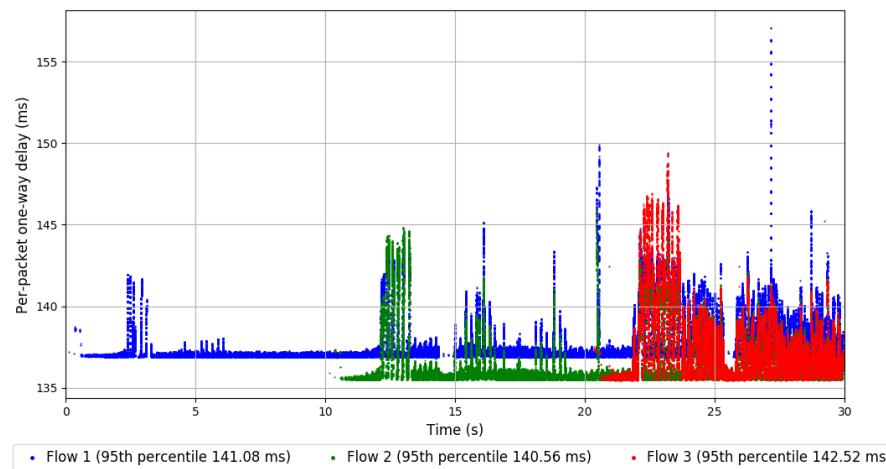
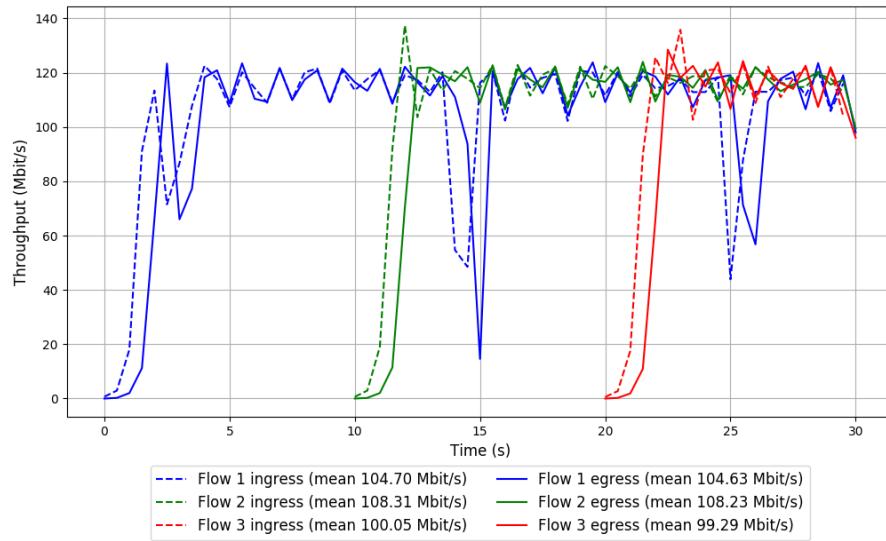


Run 7: Statistics of TCP BBR

```
Start at: 2018-07-25 11:12:34
End at: 2018-07-25 11:13:04
Local clock offset: -0.245 ms
Remote clock offset: -36.45 ms

# Below is generated by plot.py at 2018-07-25 13:09:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 209.00 Mbit/s
95th percentile per-packet one-way delay: 141.226 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 104.63 Mbit/s
95th percentile per-packet one-way delay: 141.082 ms
Loss rate: 0.72%
-- Flow 2:
Average throughput: 108.23 Mbit/s
95th percentile per-packet one-way delay: 140.561 ms
Loss rate: 1.05%
-- Flow 3:
Average throughput: 99.29 Mbit/s
95th percentile per-packet one-way delay: 142.517 ms
Loss rate: 2.31%
```

## Run 7: Report of TCP BBR — Data Link

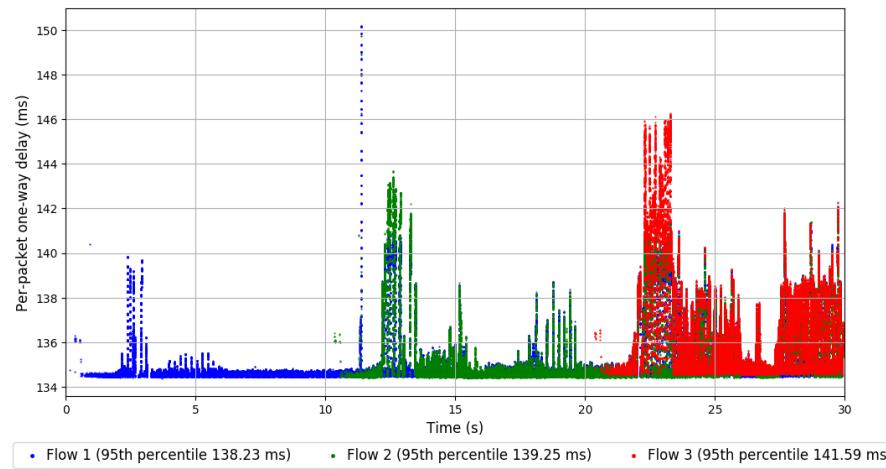
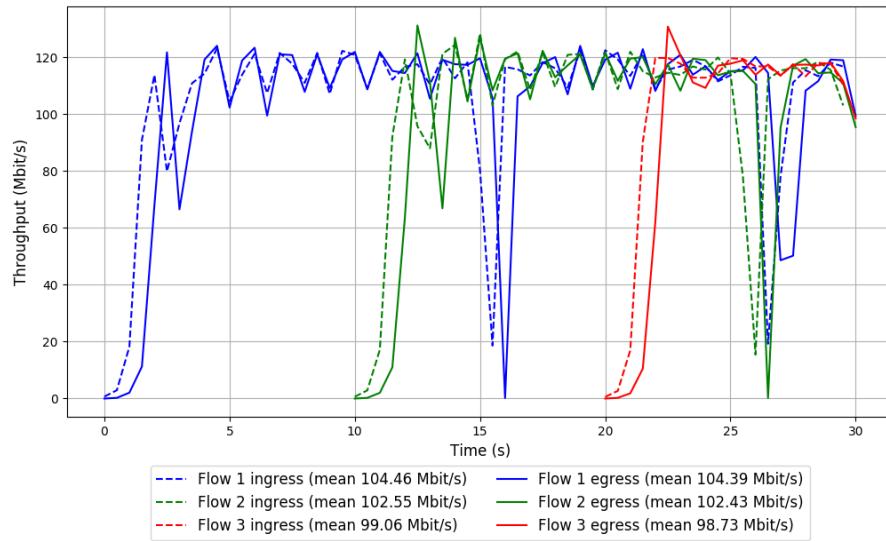


Run 8: Statistics of TCP BBR

```
Start at: 2018-07-25 11:42:42
End at: 2018-07-25 11:43:12
Local clock offset: -1.753 ms
Remote clock offset: -35.189 ms

# Below is generated by plot.py at 2018-07-25 13:09:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 204.73 Mbit/s
95th percentile per-packet one-way delay: 139.171 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 104.39 Mbit/s
95th percentile per-packet one-way delay: 138.232 ms
Loss rate: 0.73%
-- Flow 2:
Average throughput: 102.43 Mbit/s
95th percentile per-packet one-way delay: 139.254 ms
Loss rate: 1.10%
-- Flow 3:
Average throughput: 98.73 Mbit/s
95th percentile per-packet one-way delay: 141.594 ms
Loss rate: 2.32%
```

Run 8: Report of TCP BBR — Data Link

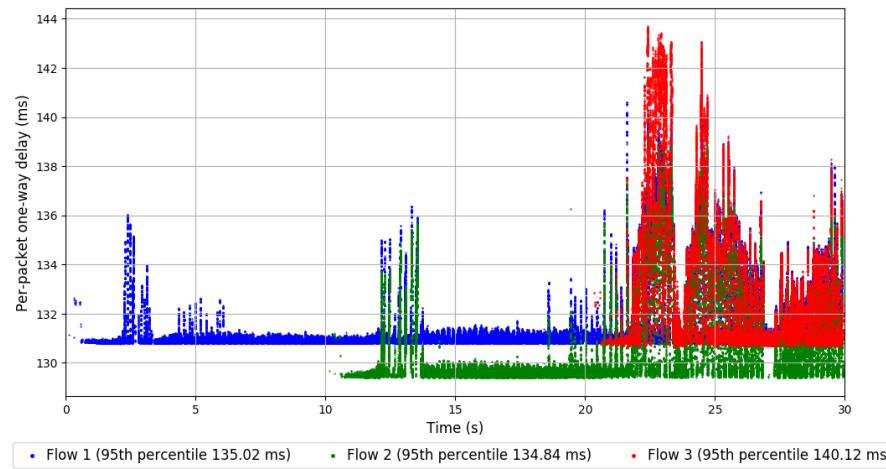
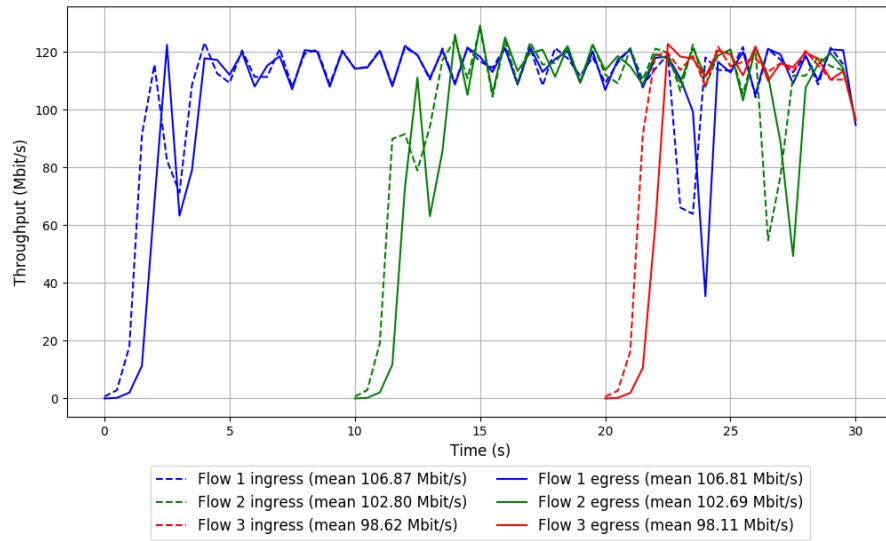


Run 9: Statistics of TCP BBR

```
Start at: 2018-07-25 12:24:17
End at: 2018-07-25 12:24:47
Local clock offset: 0.833 ms
Remote clock offset: -29.622 ms

# Below is generated by plot.py at 2018-07-25 13:11:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 207.13 Mbit/s
95th percentile per-packet one-way delay: 135.680 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 106.81 Mbit/s
95th percentile per-packet one-way delay: 135.022 ms
Loss rate: 0.73%
-- Flow 2:
Average throughput: 102.69 Mbit/s
95th percentile per-packet one-way delay: 134.835 ms
Loss rate: 1.09%
-- Flow 3:
Average throughput: 98.11 Mbit/s
95th percentile per-packet one-way delay: 140.120 ms
Loss rate: 2.30%
```

### Run 9: Report of TCP BBR — Data Link

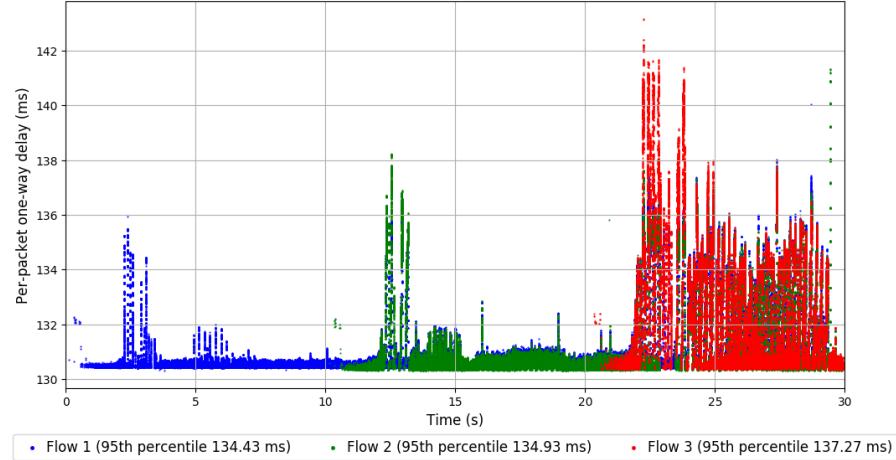
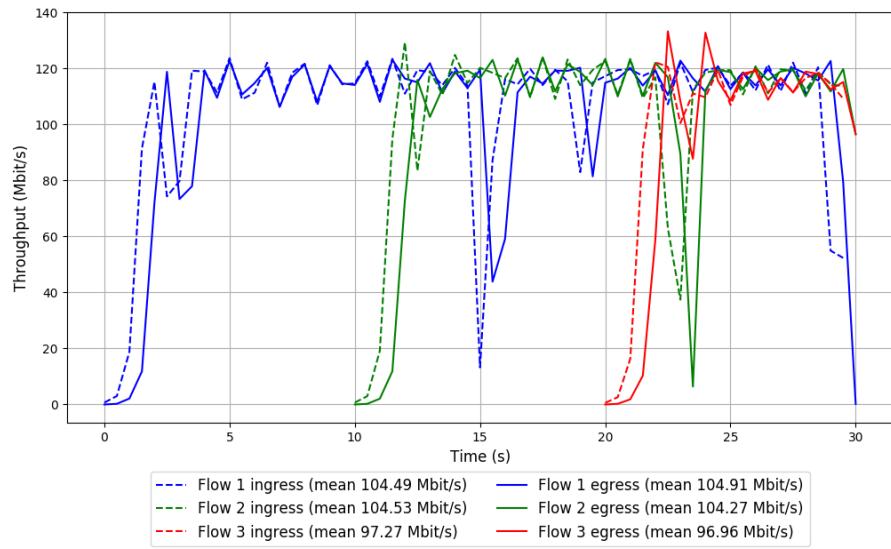


Run 10: Statistics of TCP BBR

```
Start at: 2018-07-25 13:00:18
End at: 2018-07-25 13:00:48
Local clock offset: 1.381 ms
Remote clock offset: -30.652 ms

# Below is generated by plot.py at 2018-07-25 13:11:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 205.29 Mbit/s
95th percentile per-packet one-way delay: 135.050 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 104.91 Mbit/s
95th percentile per-packet one-way delay: 134.425 ms
Loss rate: 0.84%
-- Flow 2:
Average throughput: 104.27 Mbit/s
95th percentile per-packet one-way delay: 134.925 ms
Loss rate: 1.13%
-- Flow 3:
Average throughput: 96.96 Mbit/s
95th percentile per-packet one-way delay: 137.273 ms
Loss rate: 2.27%
```

Run 10: Report of TCP BBR — Data Link

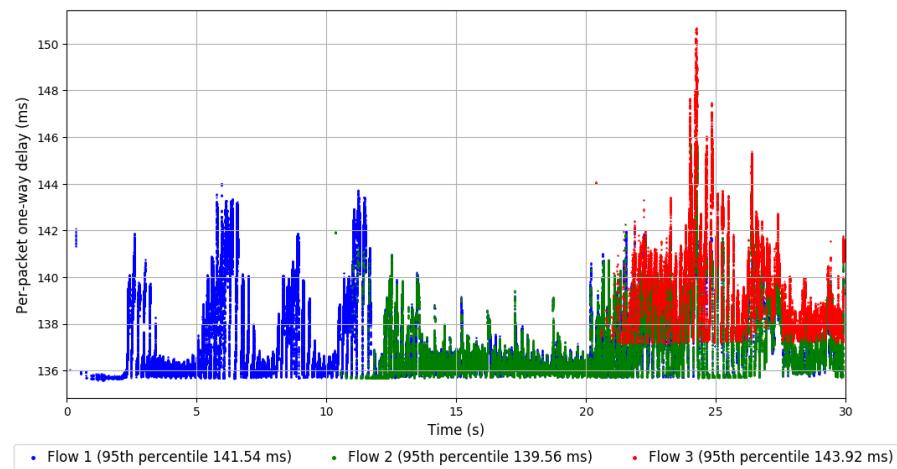
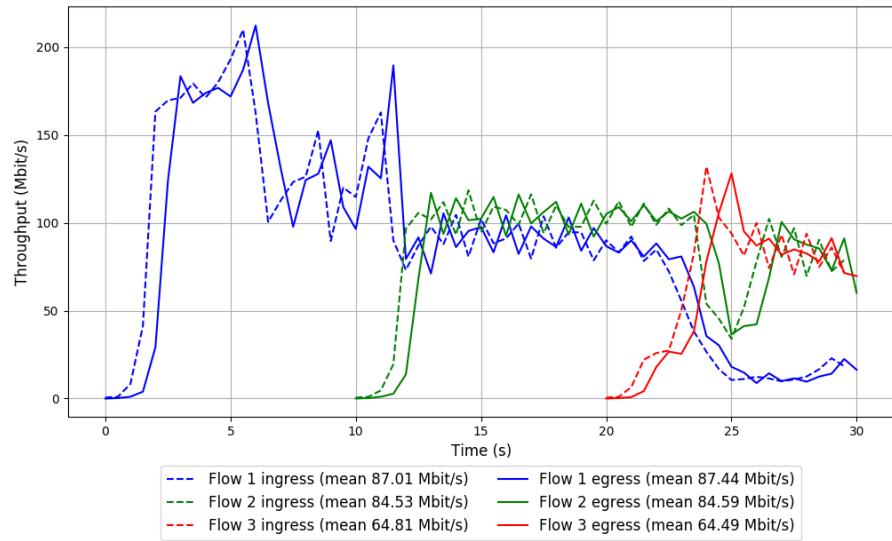


Run 1: Statistics of Copa

```
Start at: 2018-07-25 07:33:27
End at: 2018-07-25 07:33:57
Local clock offset: 1.016 ms
Remote clock offset: -33.774 ms

# Below is generated by plot.py at 2018-07-25 13:12:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 164.74 Mbit/s
95th percentile per-packet one-way delay: 141.453 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 87.44 Mbit/s
95th percentile per-packet one-way delay: 141.545 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 84.59 Mbit/s
95th percentile per-packet one-way delay: 139.563 ms
Loss rate: 0.90%
-- Flow 3:
Average throughput: 64.49 Mbit/s
95th percentile per-packet one-way delay: 143.919 ms
Loss rate: 2.47%
```

Run 1: Report of Copa — Data Link

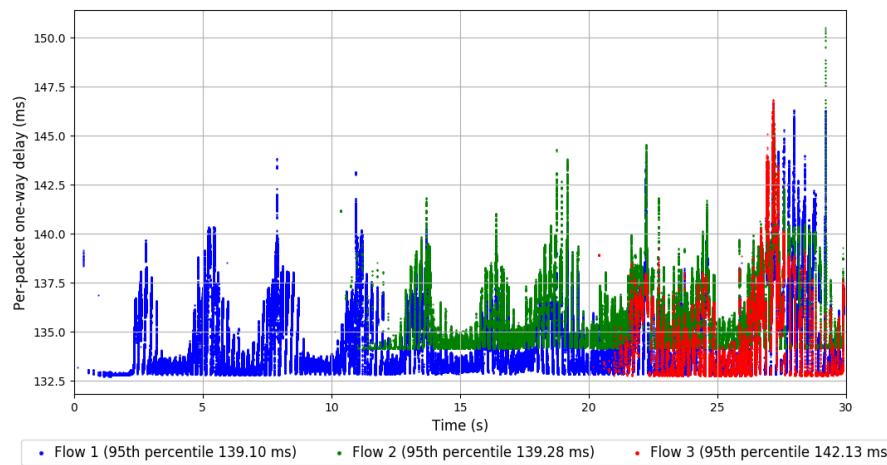
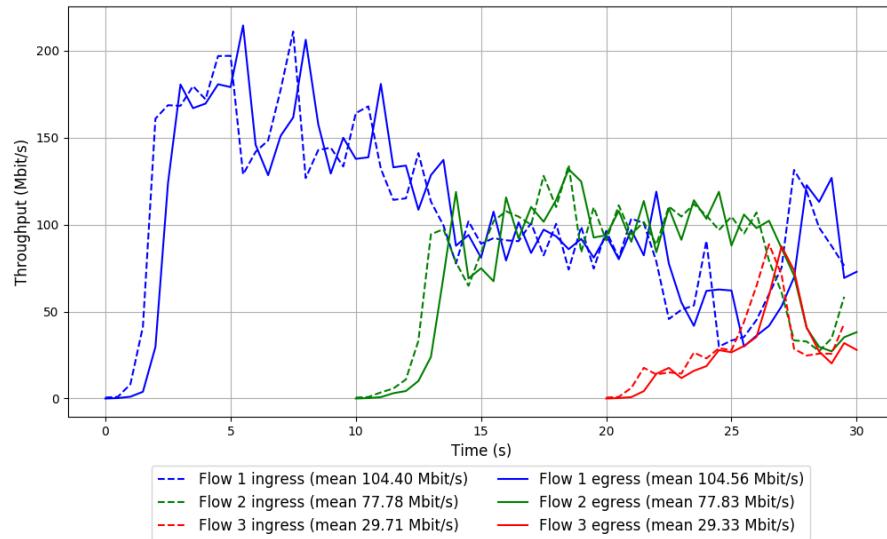


Run 2: Statistics of Copa

```
Start at: 2018-07-25 08:03:44
End at: 2018-07-25 08:04:14
Local clock offset: -0.683 ms
Remote clock offset: -29.073 ms

# Below is generated by plot.py at 2018-07-25 13:13:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 165.74 Mbit/s
95th percentile per-packet one-way delay: 139.253 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 104.56 Mbit/s
95th percentile per-packet one-way delay: 139.098 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 77.83 Mbit/s
95th percentile per-packet one-way delay: 139.275 ms
Loss rate: 0.93%
-- Flow 3:
Average throughput: 29.33 Mbit/s
95th percentile per-packet one-way delay: 142.129 ms
Loss rate: 3.25%
```

## Run 2: Report of Copa — Data Link

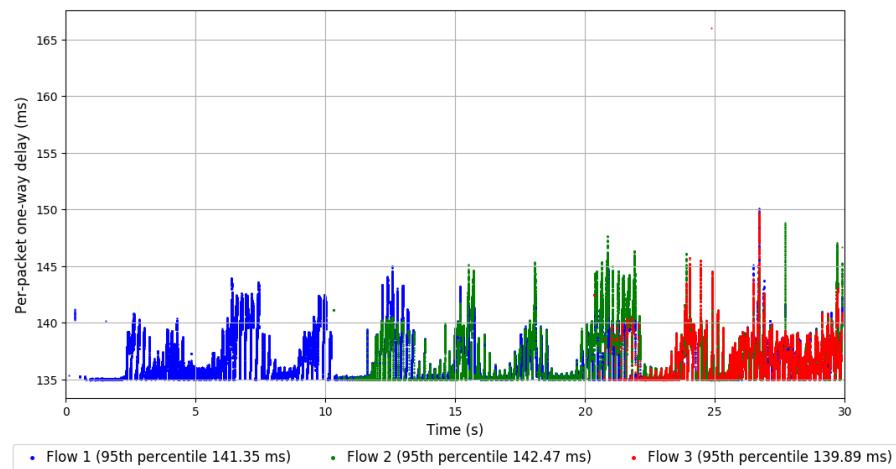
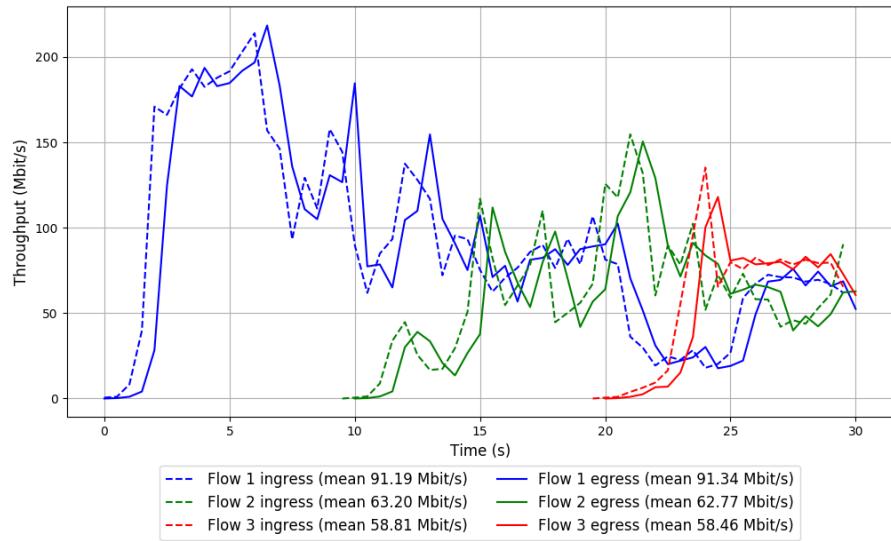


Run 3: Statistics of Copa

```
Start at: 2018-07-25 08:39:35
End at: 2018-07-25 08:40:05
Local clock offset: -1.784 ms
Remote clock offset: -30.037 ms

# Below is generated by plot.py at 2018-07-25 13:13:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 152.24 Mbit/s
95th percentile per-packet one-way delay: 141.630 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 91.34 Mbit/s
95th percentile per-packet one-way delay: 141.352 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 62.77 Mbit/s
95th percentile per-packet one-way delay: 142.469 ms
Loss rate: 1.66%
-- Flow 3:
Average throughput: 58.46 Mbit/s
95th percentile per-packet one-way delay: 139.888 ms
Loss rate: 2.55%
```

### Run 3: Report of Copa — Data Link

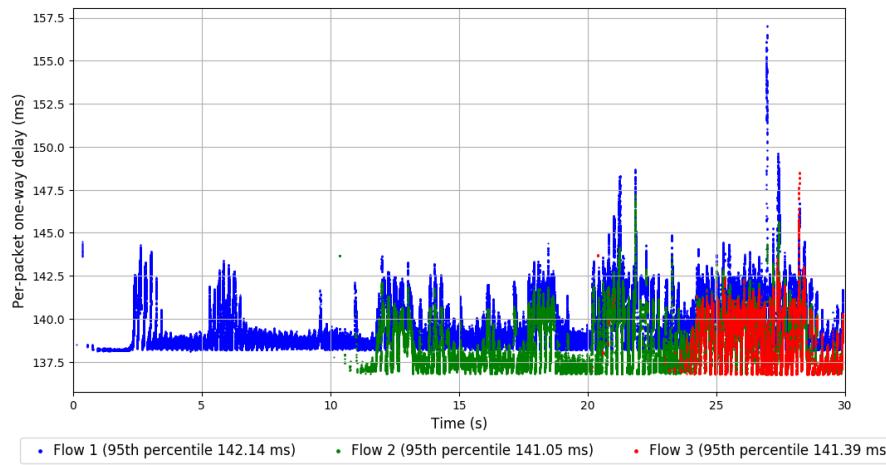
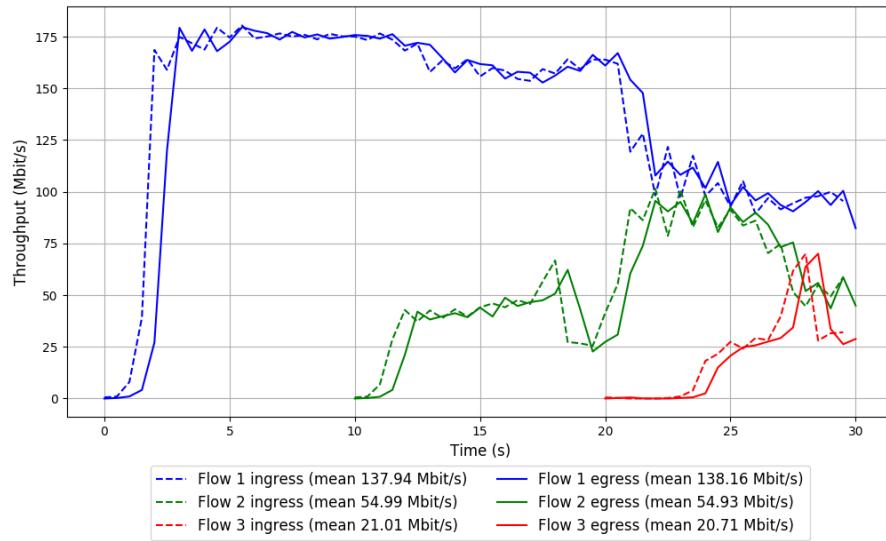


Run 4: Statistics of Copa

```
Start at: 2018-07-25 09:03:56
End at: 2018-07-25 09:04:26
Local clock offset: -1.553 ms
Remote clock offset: -32.883 ms

# Below is generated by plot.py at 2018-07-25 13:13:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 181.39 Mbit/s
95th percentile per-packet one-way delay: 142.063 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 138.16 Mbit/s
95th percentile per-packet one-way delay: 142.141 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 54.93 Mbit/s
95th percentile per-packet one-way delay: 141.049 ms
Loss rate: 1.09%
-- Flow 3:
Average throughput: 20.71 Mbit/s
95th percentile per-packet one-way delay: 141.388 ms
Loss rate: 3.34%
```

## Run 4: Report of Copa — Data Link

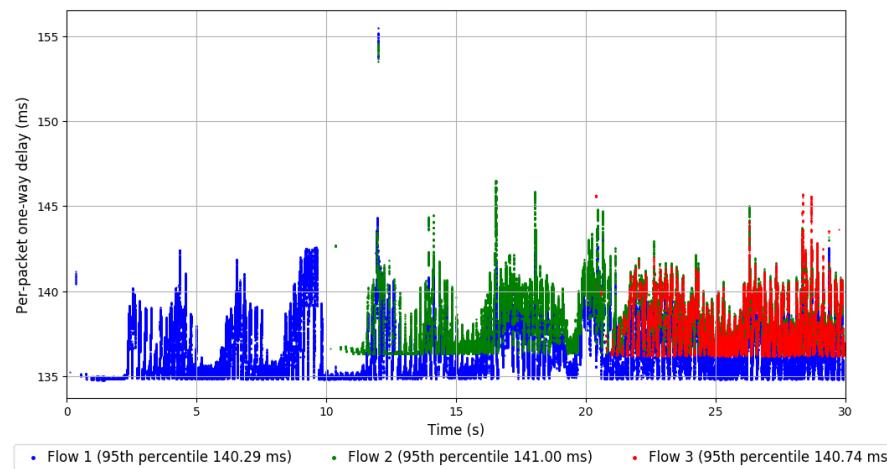
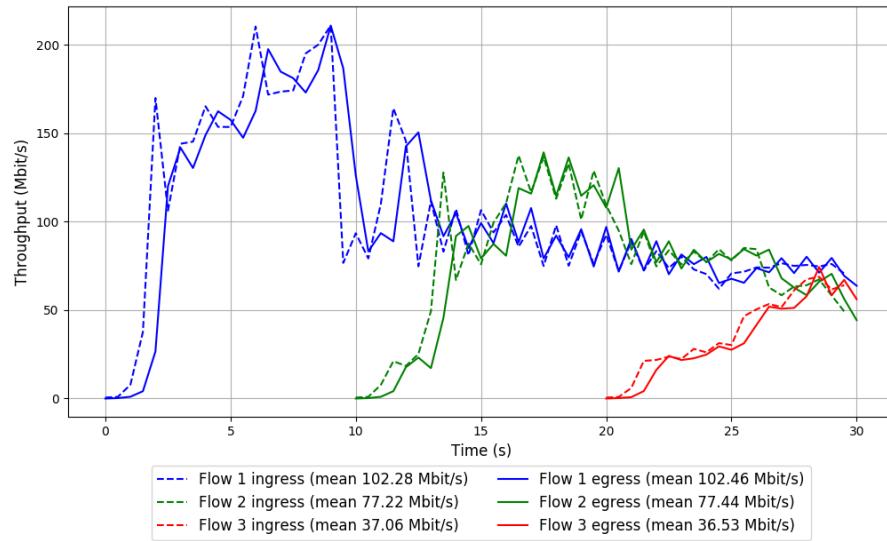


Run 5: Statistics of Copa

```
Start at: 2018-07-25 09:50:46
End at: 2018-07-25 09:51:16
Local clock offset: 1.047 ms
Remote clock offset: -31.56 ms

# Below is generated by plot.py at 2018-07-25 13:13:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 165.78 Mbit/s
95th percentile per-packet one-way delay: 140.708 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 102.46 Mbit/s
95th percentile per-packet one-way delay: 140.295 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 77.44 Mbit/s
95th percentile per-packet one-way delay: 141.000 ms
Loss rate: 0.70%
-- Flow 3:
Average throughput: 36.53 Mbit/s
95th percentile per-packet one-way delay: 140.743 ms
Loss rate: 3.41%
```

## Run 5: Report of Copa — Data Link

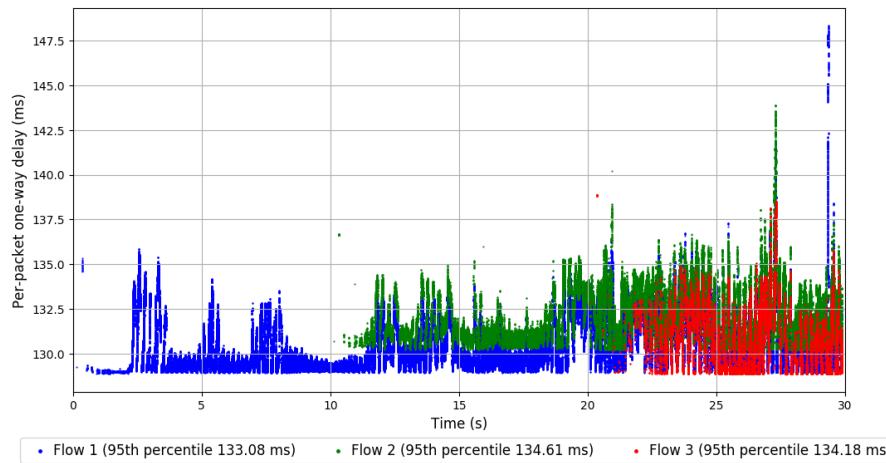
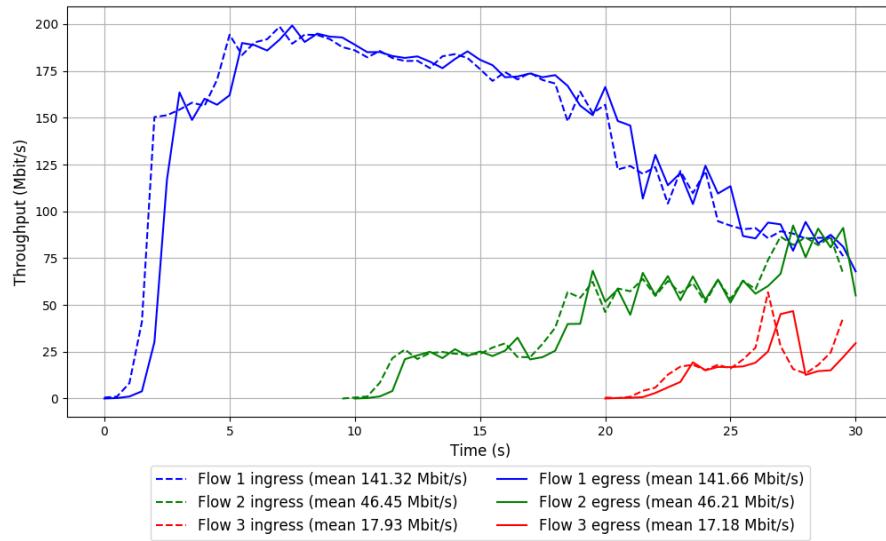


Run 6: Statistics of Copa

```
Start at: 2018-07-25 10:24:58
End at: 2018-07-25 10:25:28
Local clock offset: 0.08 ms
Remote clock offset: -28.26 ms

# Below is generated by plot.py at 2018-07-25 13:13:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 177.98 Mbit/s
95th percentile per-packet one-way delay: 133.748 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 141.66 Mbit/s
95th percentile per-packet one-way delay: 133.078 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 46.21 Mbit/s
95th percentile per-packet one-way delay: 134.612 ms
Loss rate: 1.52%
-- Flow 3:
Average throughput: 17.18 Mbit/s
95th percentile per-packet one-way delay: 134.182 ms
Loss rate: 6.13%
```

## Run 6: Report of Copa — Data Link

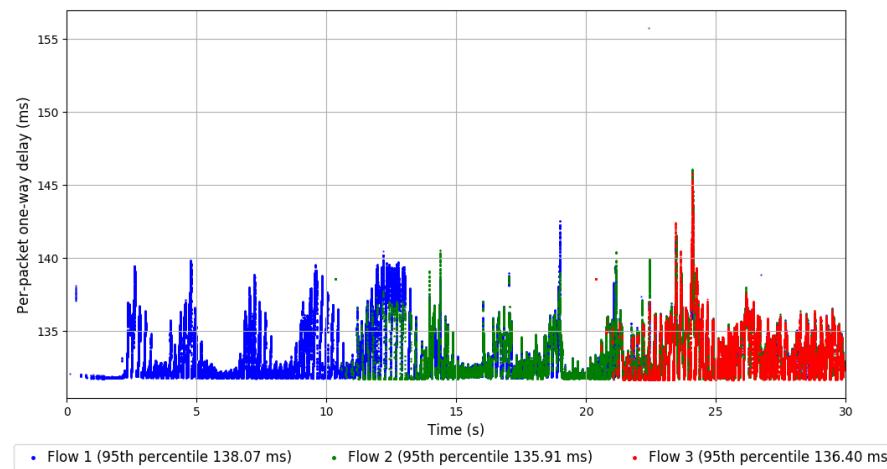
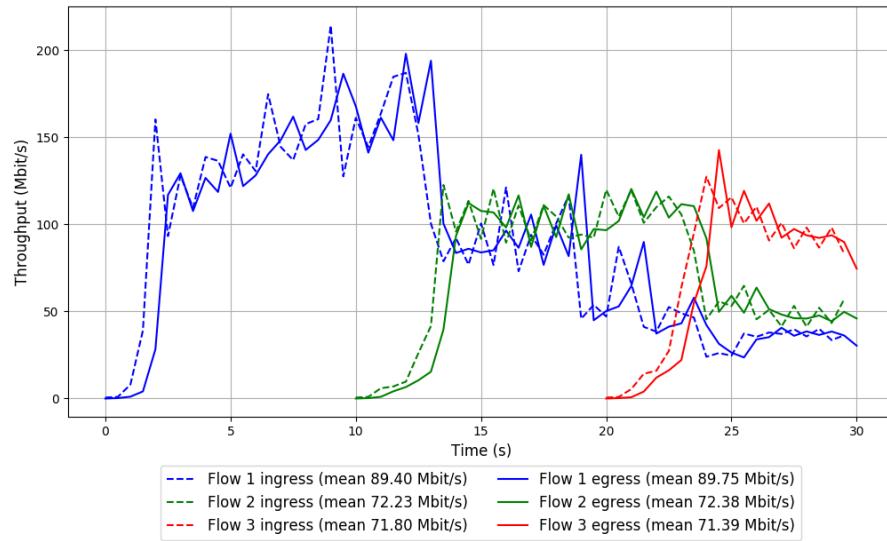


Run 7: Statistics of Copa

```
Start at: 2018-07-25 10:49:29
End at: 2018-07-25 10:49:59
Local clock offset: -0.267 ms
Remote clock offset: -30.695 ms

# Below is generated by plot.py at 2018-07-25 13:15:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 161.20 Mbit/s
95th percentile per-packet one-way delay: 137.581 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 89.75 Mbit/s
95th percentile per-packet one-way delay: 138.067 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 72.38 Mbit/s
95th percentile per-packet one-way delay: 135.911 ms
Loss rate: 0.79%
-- Flow 3:
Average throughput: 71.39 Mbit/s
95th percentile per-packet one-way delay: 136.395 ms
Loss rate: 2.53%
```

## Run 7: Report of Copa — Data Link

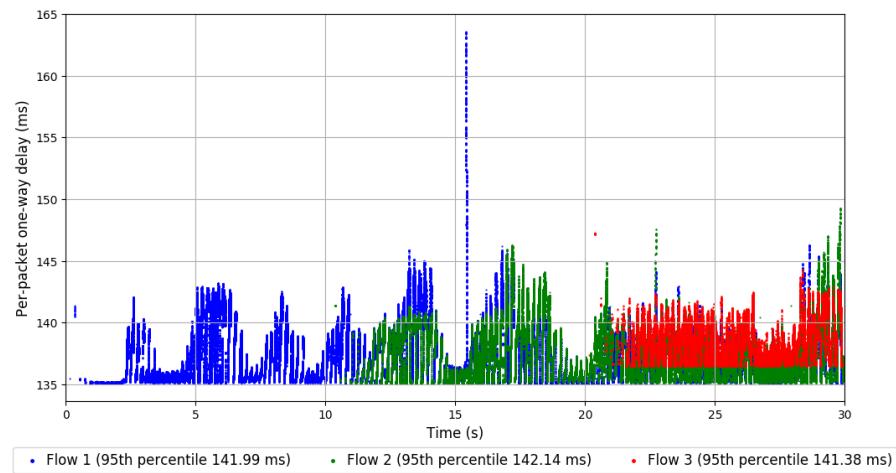
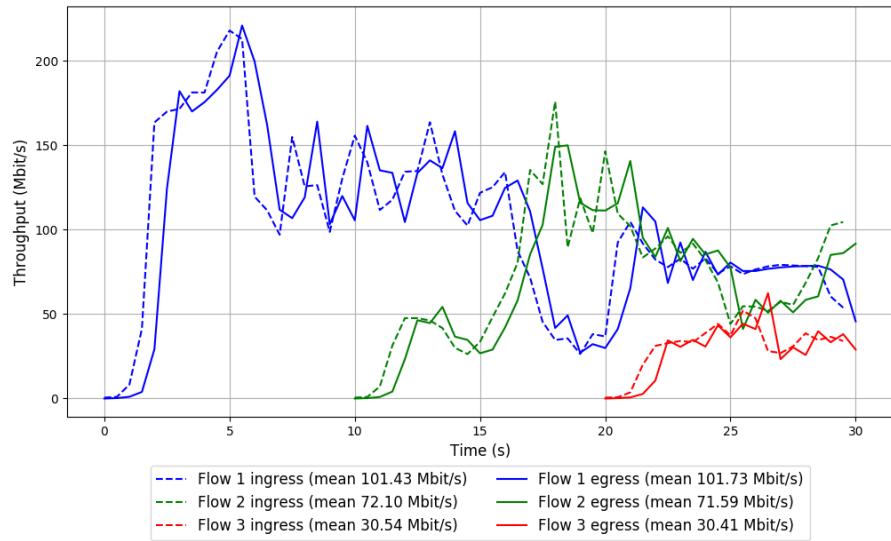


Run 8: Statistics of Copa

```
Start at: 2018-07-25 11:14:02
End at: 2018-07-25 11:14:32
Local clock offset: 0.598 ms
Remote clock offset: -35.371 ms

# Below is generated by plot.py at 2018-07-25 13:15:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 159.21 Mbit/s
95th percentile per-packet one-way delay: 141.980 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 101.73 Mbit/s
95th percentile per-packet one-way delay: 141.985 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 71.59 Mbit/s
95th percentile per-packet one-way delay: 142.137 ms
Loss rate: 1.69%
-- Flow 3:
Average throughput: 30.41 Mbit/s
95th percentile per-packet one-way delay: 141.378 ms
Loss rate: 2.35%
```

Run 8: Report of Copa — Data Link

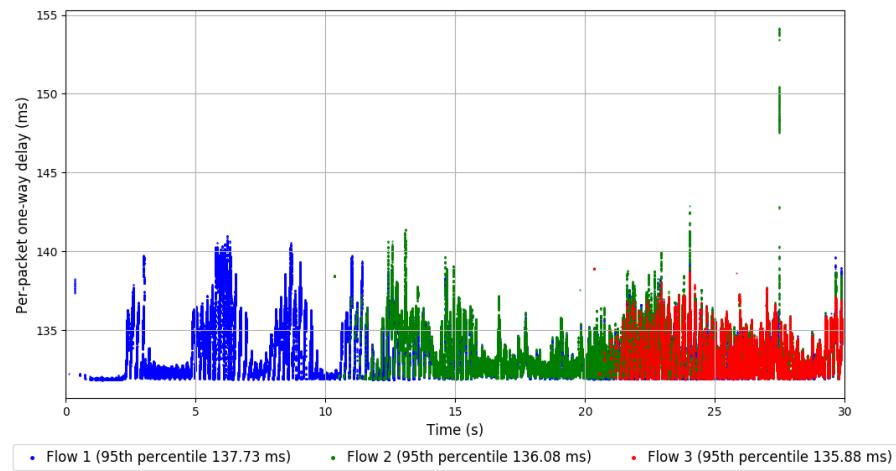
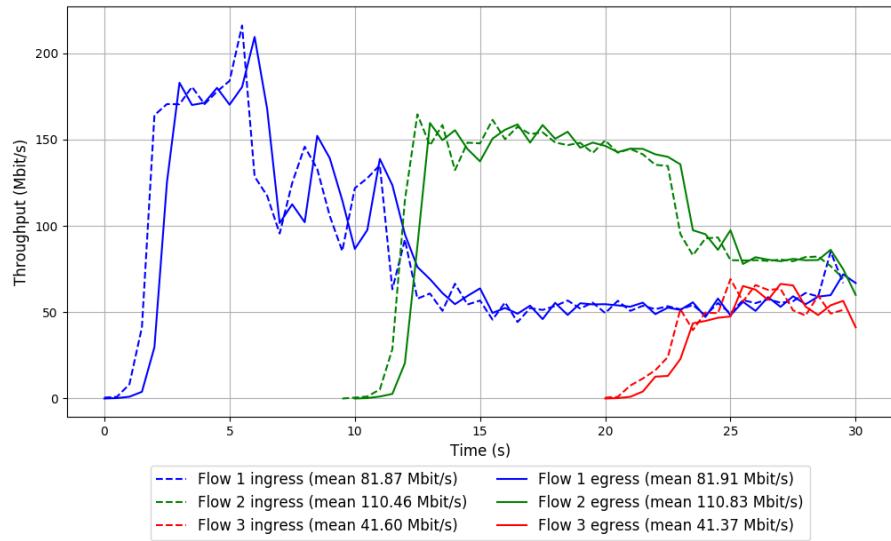


Run 9: Statistics of Copa

```
Start at: 2018-07-25 11:44:10
End at: 2018-07-25 11:44:40
Local clock offset: 2.838 ms
Remote clock offset: -29.402 ms

# Below is generated by plot.py at 2018-07-25 13:16:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 169.12 Mbit/s
95th percentile per-packet one-way delay: 136.661 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 81.91 Mbit/s
95th percentile per-packet one-way delay: 137.733 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 110.83 Mbit/s
95th percentile per-packet one-way delay: 136.081 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 41.37 Mbit/s
95th percentile per-packet one-way delay: 135.877 ms
Loss rate: 2.56%
```

## Run 9: Report of Copa — Data Link

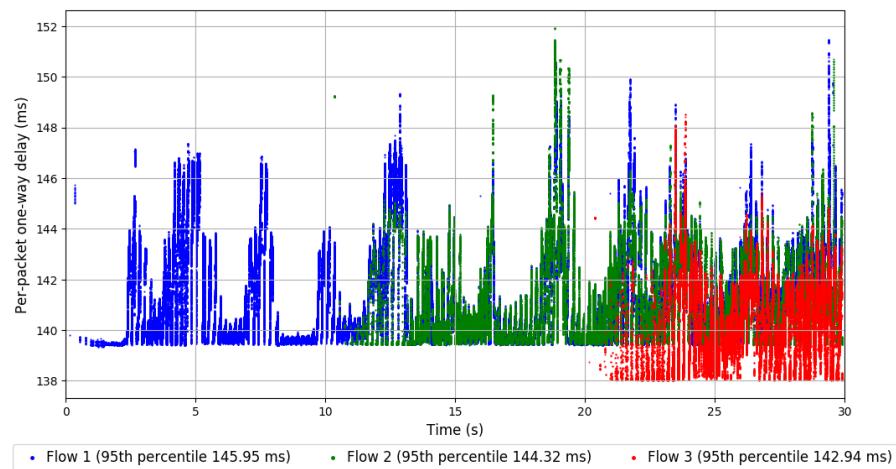
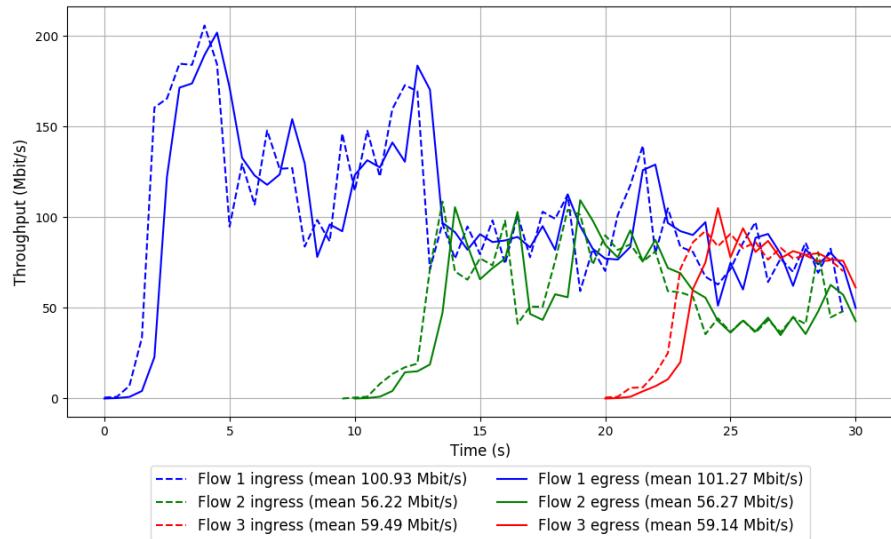


Run 10: Statistics of Copa

```
Start at: 2018-07-25 12:25:45
End at: 2018-07-25 12:26:15
Local clock offset: 0.004 ms
Remote clock offset: -39.146 ms

# Below is generated by plot.py at 2018-07-25 13:16:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 157.97 Mbit/s
95th percentile per-packet one-way delay: 145.650 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 101.27 Mbit/s
95th percentile per-packet one-way delay: 145.949 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 56.27 Mbit/s
95th percentile per-packet one-way delay: 144.325 ms
Loss rate: 0.91%
-- Flow 3:
Average throughput: 59.14 Mbit/s
95th percentile per-packet one-way delay: 142.944 ms
Loss rate: 2.52%
```

## Run 10: Report of Copa — Data Link

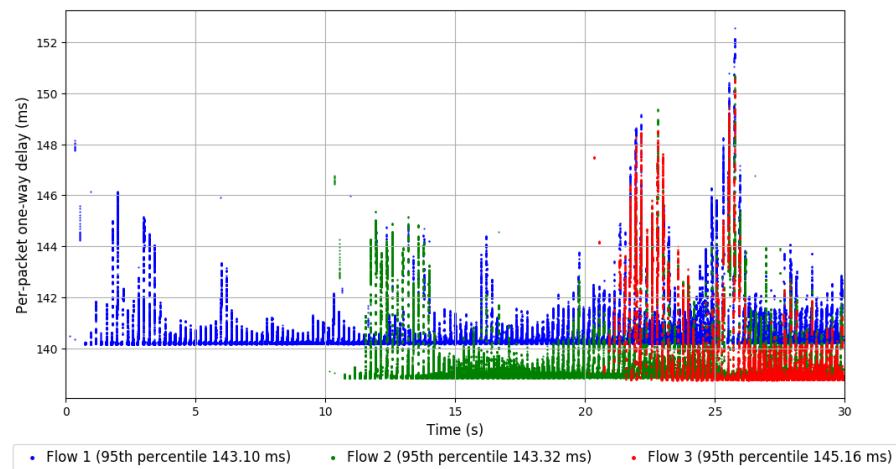
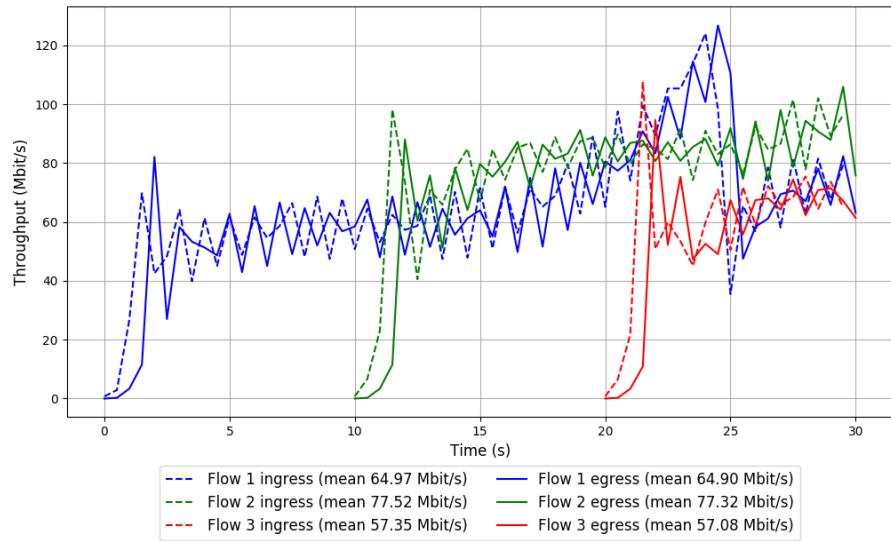


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2018-07-25 07:59:14
End at: 2018-07-25 07:59:44
Local clock offset: 0.425 ms
Remote clock offset: -34.393 ms

# Below is generated by plot.py at 2018-07-25 13:16:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 134.92 Mbit/s
95th percentile per-packet one-way delay: 143.578 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 64.90 Mbit/s
95th percentile per-packet one-way delay: 143.104 ms
Loss rate: 0.76%
-- Flow 2:
Average throughput: 77.32 Mbit/s
95th percentile per-packet one-way delay: 143.320 ms
Loss rate: 1.22%
-- Flow 3:
Average throughput: 57.08 Mbit/s
95th percentile per-packet one-way delay: 145.164 ms
Loss rate: 2.37%
```

Run 1: Report of TCP Cubic — Data Link

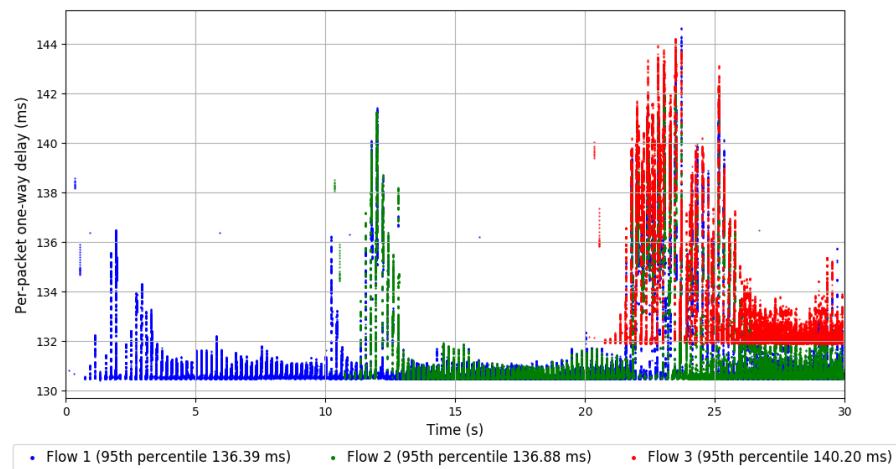
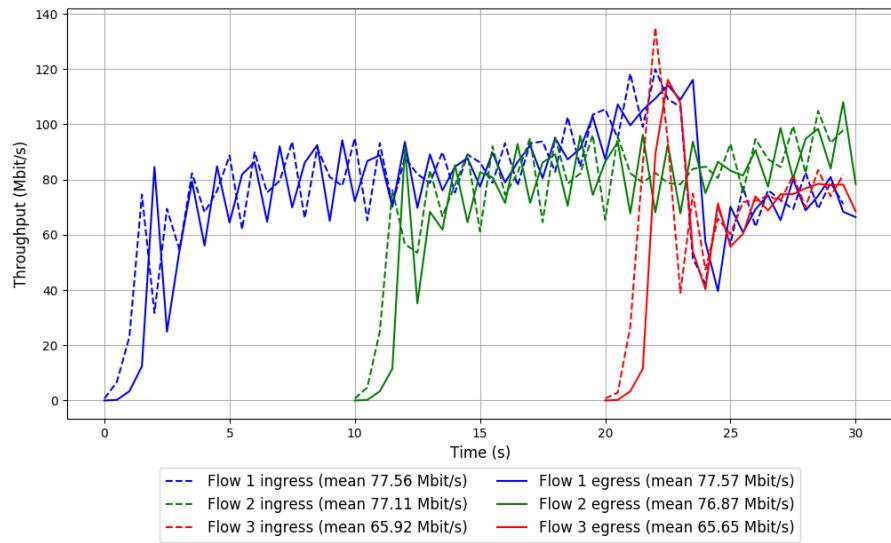


Run 2: Statistics of TCP Cubic

```
Start at: 2018-07-25 08:29:05
End at: 2018-07-25 08:29:35
Local clock offset: -1.411 ms
Remote clock offset: -26.338 ms

# Below is generated by plot.py at 2018-07-25 13:16:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 150.13 Mbit/s
95th percentile per-packet one-way delay: 137.829 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 77.57 Mbit/s
95th percentile per-packet one-way delay: 136.393 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 76.87 Mbit/s
95th percentile per-packet one-way delay: 136.876 ms
Loss rate: 1.27%
-- Flow 3:
Average throughput: 65.65 Mbit/s
95th percentile per-packet one-way delay: 140.196 ms
Loss rate: 2.38%
```

## Run 2: Report of TCP Cubic — Data Link

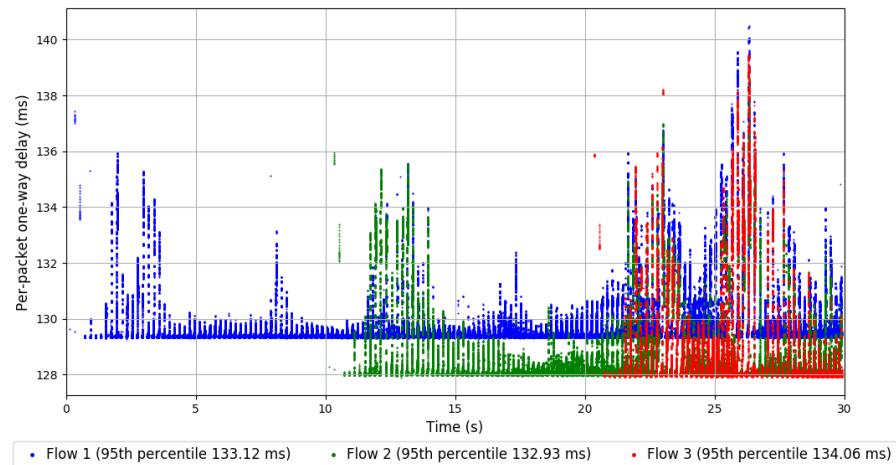
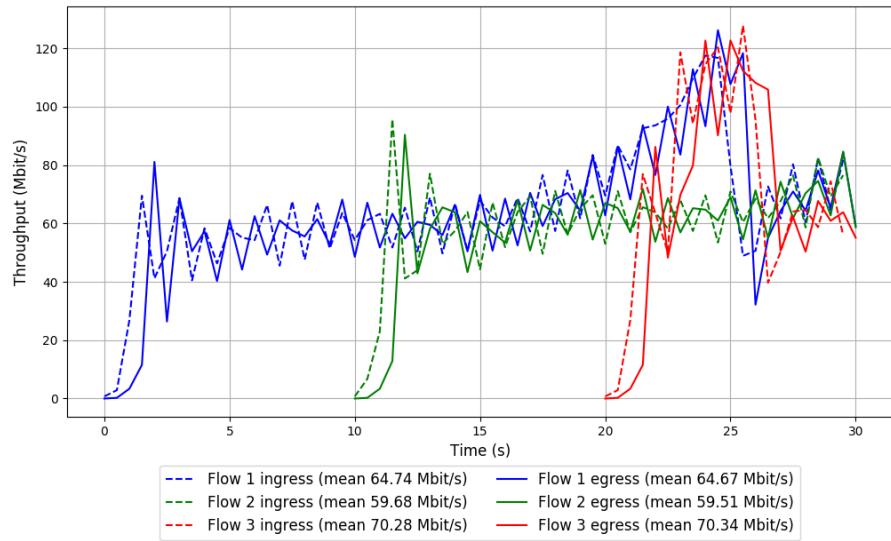


Run 3: Statistics of TCP Cubic

```
Start at: 2018-07-25 08:59:28
End at: 2018-07-25 08:59:58
Local clock offset: -1.138 ms
Remote clock offset: -23.613 ms

# Below is generated by plot.py at 2018-07-25 13:16:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 127.17 Mbit/s
95th percentile per-packet one-way delay: 133.266 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 64.67 Mbit/s
95th percentile per-packet one-way delay: 133.122 ms
Loss rate: 0.76%
-- Flow 2:
Average throughput: 59.51 Mbit/s
95th percentile per-packet one-way delay: 132.932 ms
Loss rate: 1.26%
-- Flow 3:
Average throughput: 70.34 Mbit/s
95th percentile per-packet one-way delay: 134.055 ms
Loss rate: 1.85%
```

### Run 3: Report of TCP Cubic — Data Link

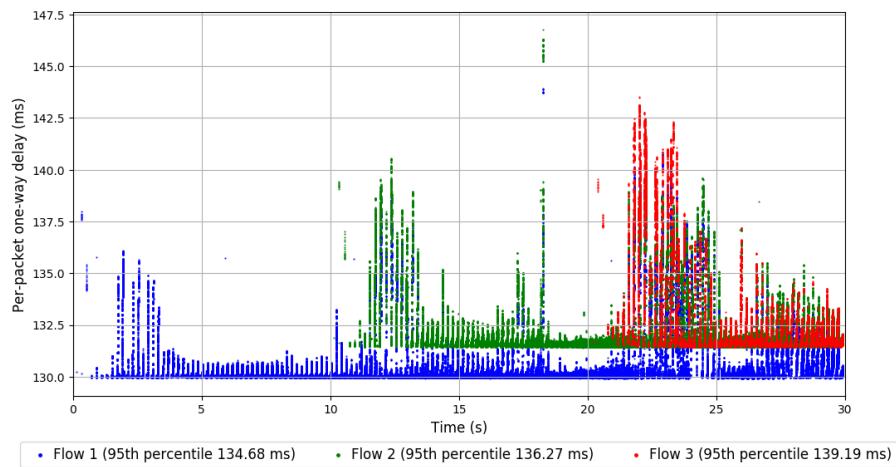
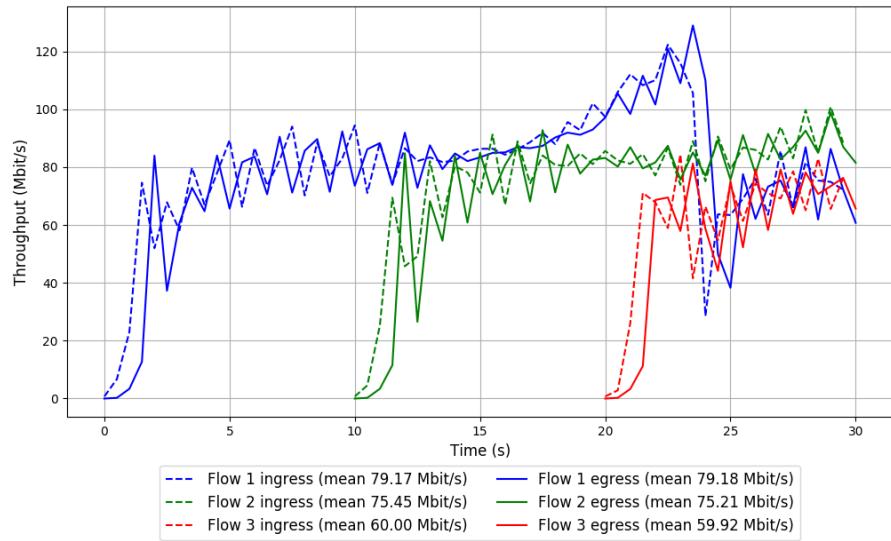


Run 4: Statistics of TCP Cubic

```
Start at: 2018-07-25 09:40:41
End at: 2018-07-25 09:41:11
Local clock offset: 2.571 ms
Remote clock offset: -24.51 ms

# Below is generated by plot.py at 2018-07-25 13:16:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 148.70 Mbit/s
95th percentile per-packet one-way delay: 136.093 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 79.18 Mbit/s
95th percentile per-packet one-way delay: 134.681 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 75.21 Mbit/s
95th percentile per-packet one-way delay: 136.272 ms
Loss rate: 1.27%
-- Flow 3:
Average throughput: 59.92 Mbit/s
95th percentile per-packet one-way delay: 139.193 ms
Loss rate: 2.12%
```

### Run 4: Report of TCP Cubic — Data Link

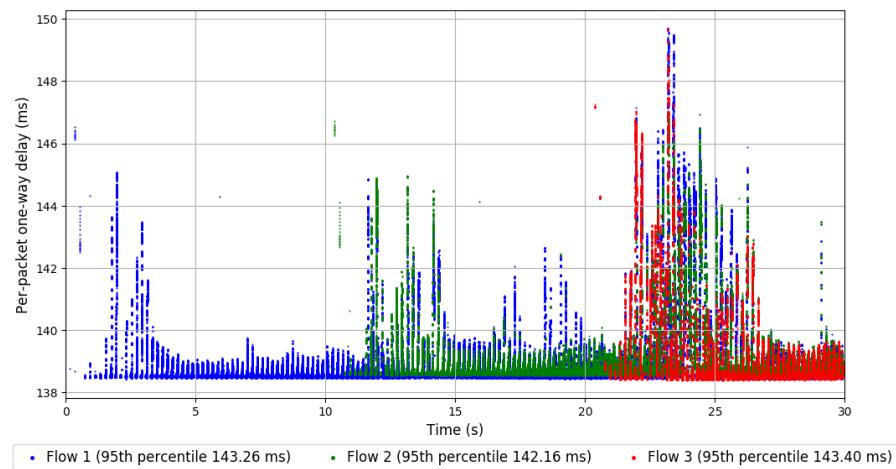
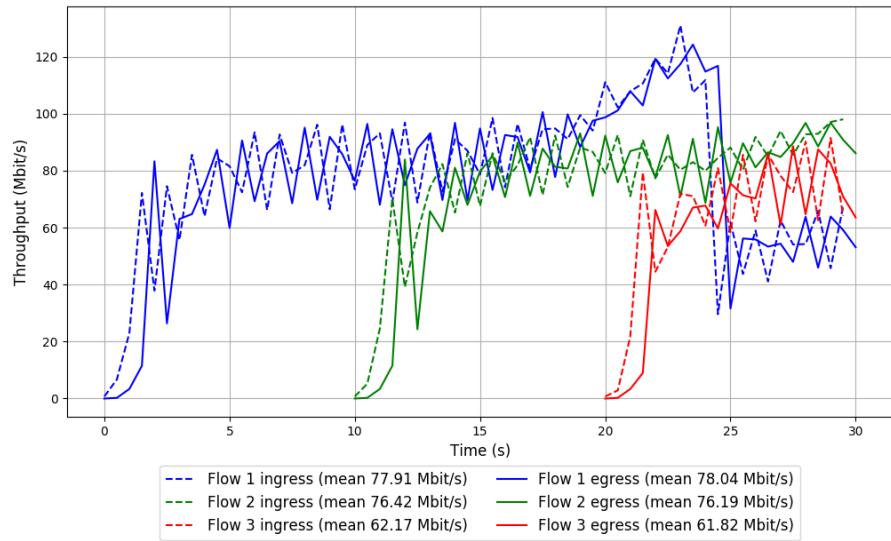


Run 5: Statistics of TCP Cubic

```
Start at: 2018-07-25 10:20:21
End at: 2018-07-25 10:20:51
Local clock offset: -0.75 ms
Remote clock offset: -37.061 ms

# Below is generated by plot.py at 2018-07-25 13:16:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 148.87 Mbit/s
95th percentile per-packet one-way delay: 143.034 ms
Loss rate: 1.03%
-- Flow 1:
Average throughput: 78.04 Mbit/s
95th percentile per-packet one-way delay: 143.258 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 76.19 Mbit/s
95th percentile per-packet one-way delay: 142.156 ms
Loss rate: 1.27%
-- Flow 3:
Average throughput: 61.82 Mbit/s
95th percentile per-packet one-way delay: 143.404 ms
Loss rate: 2.49%
```

Run 5: Report of TCP Cubic — Data Link

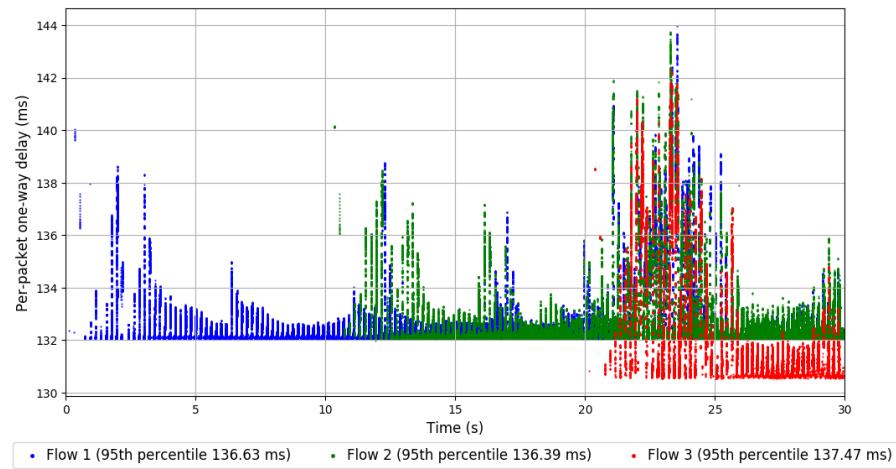
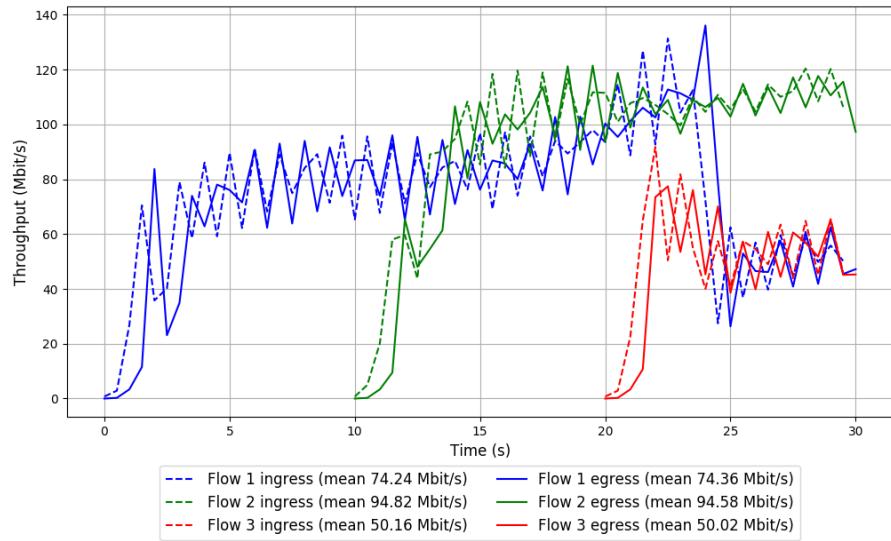


Run 6: Statistics of TCP Cubic

```
Start at: 2018-07-25 10:44:54
End at: 2018-07-25 10:45:24
Local clock offset: -0.489 ms
Remote clock offset: -31.055 ms

# Below is generated by plot.py at 2018-07-25 13:16:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 153.55 Mbit/s
95th percentile per-packet one-way delay: 136.872 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 74.36 Mbit/s
95th percentile per-packet one-way delay: 136.635 ms
Loss rate: 0.48%
-- Flow 2:
Average throughput: 94.58 Mbit/s
95th percentile per-packet one-way delay: 136.394 ms
Loss rate: 1.23%
-- Flow 3:
Average throughput: 50.02 Mbit/s
95th percentile per-packet one-way delay: 137.473 ms
Loss rate: 2.22%
```

Run 6: Report of TCP Cubic — Data Link

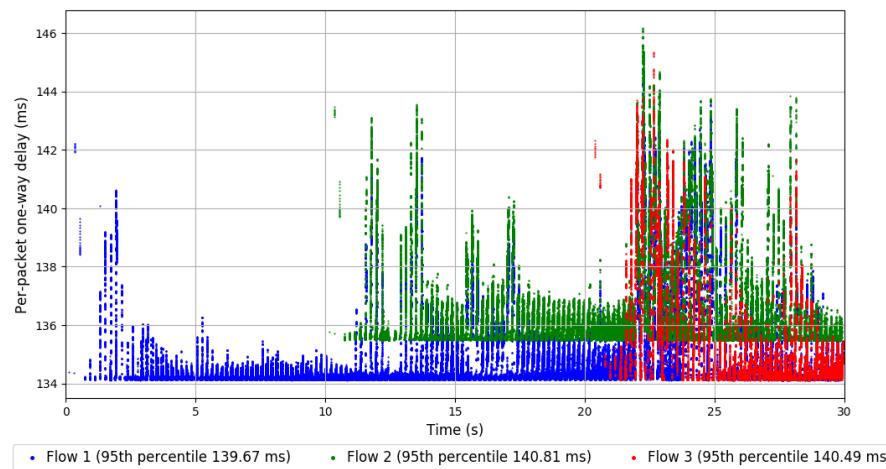
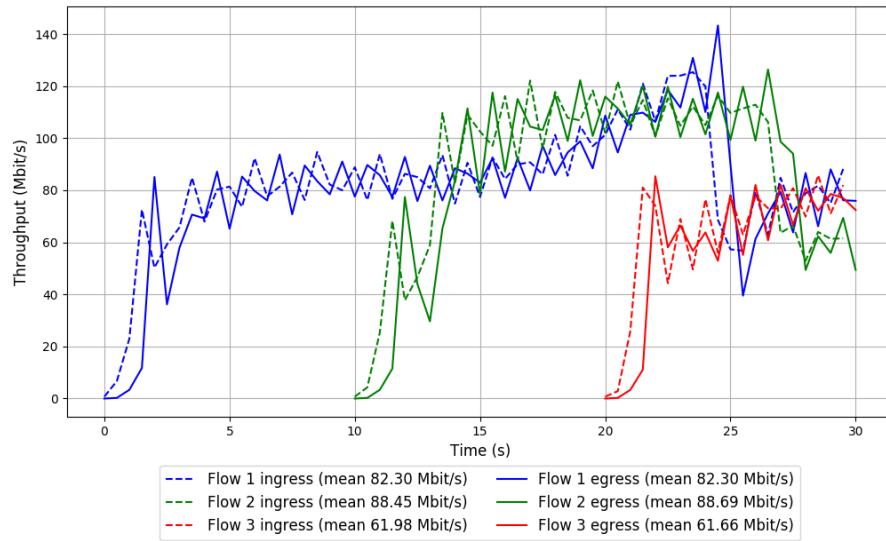


Run 7: Statistics of TCP Cubic

```
Start at: 2018-07-25 11:09:29
End at: 2018-07-25 11:09:59
Local clock offset: -1.102 ms
Remote clock offset: -35.817 ms

# Below is generated by plot.py at 2018-07-25 13:16:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 161.27 Mbit/s
95th percentile per-packet one-way delay: 140.275 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 82.30 Mbit/s
95th percentile per-packet one-way delay: 139.670 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 88.69 Mbit/s
95th percentile per-packet one-way delay: 140.806 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 61.66 Mbit/s
95th percentile per-packet one-way delay: 140.488 ms
Loss rate: 2.47%
```

Run 7: Report of TCP Cubic — Data Link

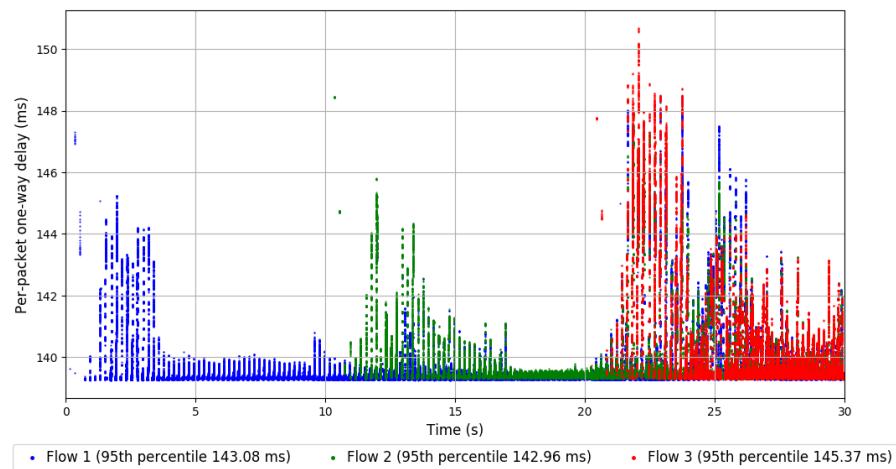
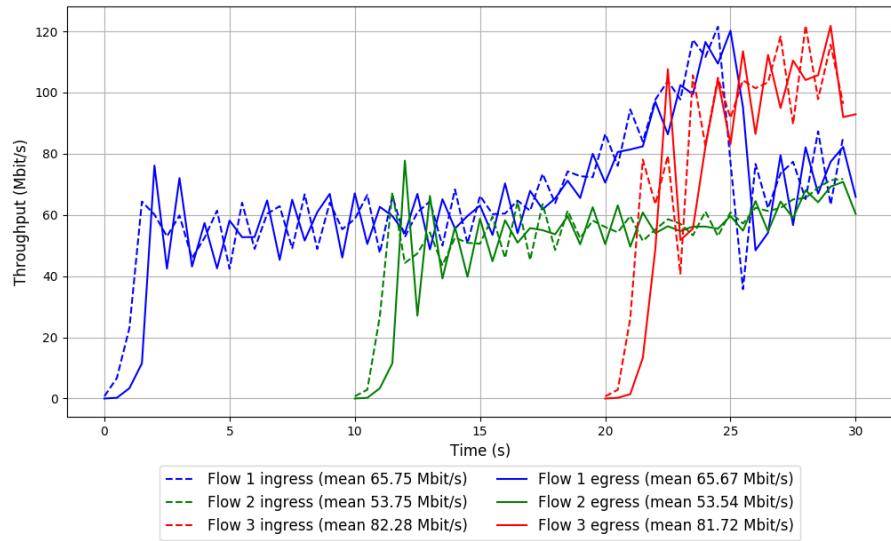


Run 8: Statistics of TCP Cubic

```
Start at: 2018-07-25 11:39:40
End at: 2018-07-25 11:40:10
Local clock offset: 1.196 ms
Remote clock offset: -37.155 ms

# Below is generated by plot.py at 2018-07-25 13:16:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 127.75 Mbit/s
95th percentile per-packet one-way delay: 143.696 ms
Loss rate: 1.32%
-- Flow 1:
Average throughput: 65.67 Mbit/s
95th percentile per-packet one-way delay: 143.084 ms
Loss rate: 0.76%
-- Flow 2:
Average throughput: 53.54 Mbit/s
95th percentile per-packet one-way delay: 142.961 ms
Loss rate: 1.37%
-- Flow 3:
Average throughput: 81.72 Mbit/s
95th percentile per-packet one-way delay: 145.370 ms
Loss rate: 2.61%
```

Run 8: Report of TCP Cubic — Data Link

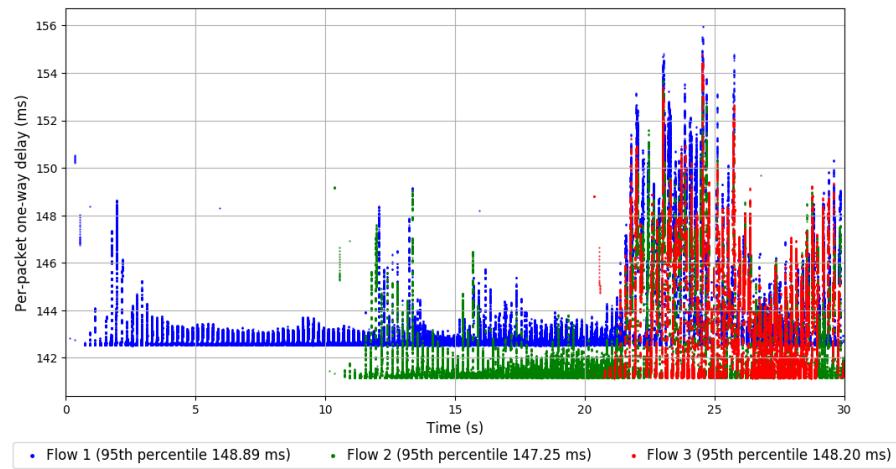
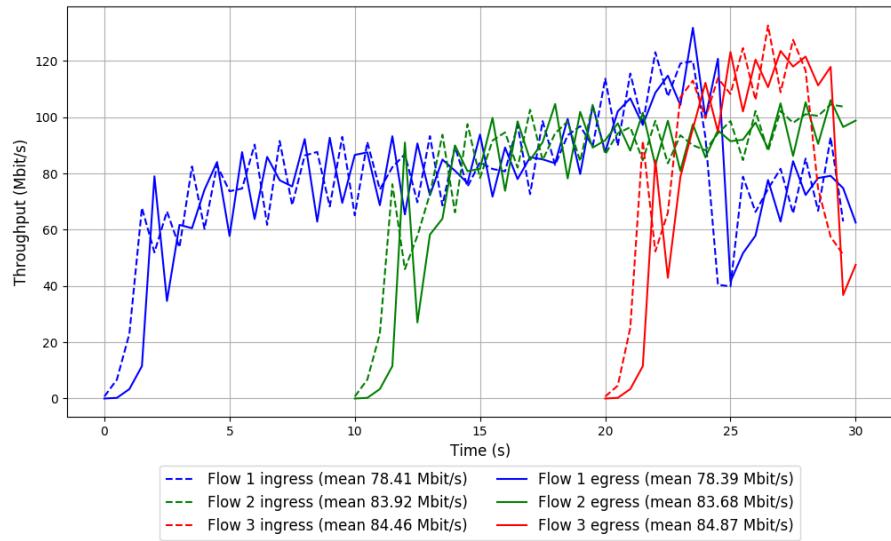


Run 9: Statistics of TCP Cubic

```
Start at: 2018-07-25 12:21:14
End at: 2018-07-25 12:21:44
Local clock offset: 0.861 ms
Remote clock offset: -41.376 ms

# Below is generated by plot.py at 2018-07-25 13:17:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 161.76 Mbit/s
95th percentile per-packet one-way delay: 148.206 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 78.39 Mbit/s
95th percentile per-packet one-way delay: 148.892 ms
Loss rate: 0.67%
-- Flow 2:
Average throughput: 83.68 Mbit/s
95th percentile per-packet one-way delay: 147.248 ms
Loss rate: 1.24%
-- Flow 3:
Average throughput: 84.87 Mbit/s
95th percentile per-packet one-way delay: 148.198 ms
Loss rate: 1.45%
```

Run 9: Report of TCP Cubic — Data Link

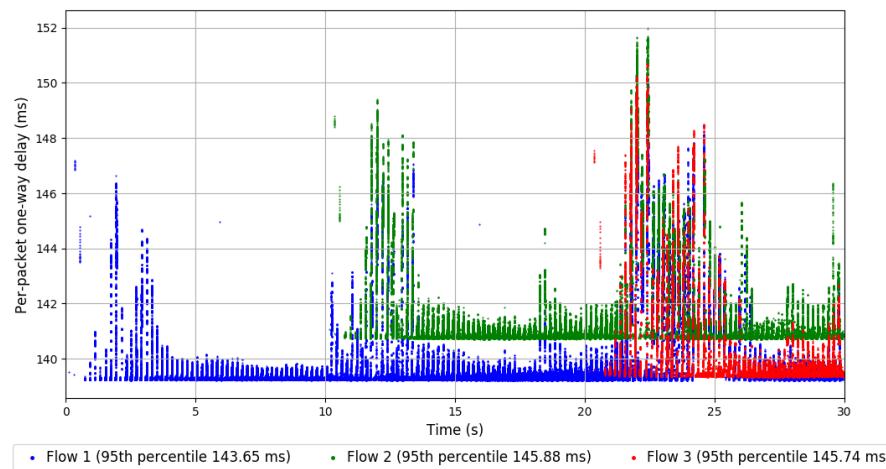
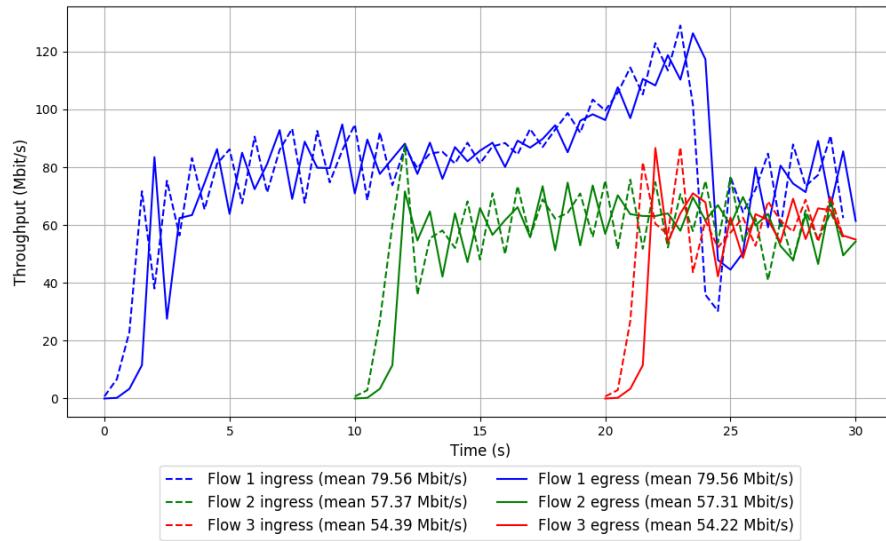


Run 10: Statistics of TCP Cubic

```
Start at: 2018-07-25 12:57:18
End at: 2018-07-25 12:57:48
Local clock offset: 3.03 ms
Remote clock offset: -37.855 ms

# Below is generated by plot.py at 2018-07-25 13:17:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 135.36 Mbit/s
95th percentile per-packet one-way delay: 144.824 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 79.56 Mbit/s
95th percentile per-packet one-way delay: 143.649 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 57.31 Mbit/s
95th percentile per-packet one-way delay: 145.876 ms
Loss rate: 1.08%
-- Flow 3:
Average throughput: 54.22 Mbit/s
95th percentile per-packet one-way delay: 145.743 ms
Loss rate: 2.24%
```

Run 10: Report of TCP Cubic — Data Link

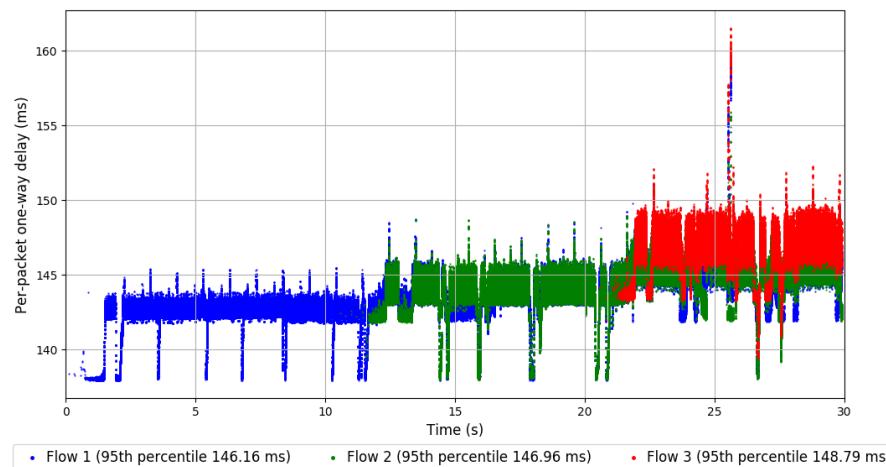
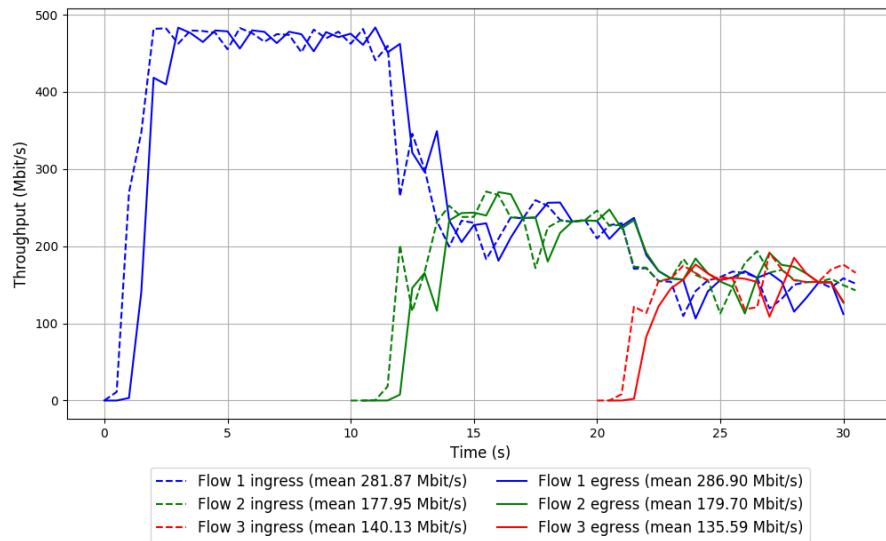


```
Run 1: Statistics of FillP
```

```
Start at: 2018-07-25 08:00:38
End at: 2018-07-25 08:01:08
Local clock offset: 1.45 ms
Remote clock offset: -32.534 ms

# Below is generated by plot.py at 2018-07-25 13:22:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 445.78 Mbit/s
95th percentile per-packet one-way delay: 147.341 ms
Loss rate: 4.29%
-- Flow 1:
Average throughput: 286.90 Mbit/s
95th percentile per-packet one-way delay: 146.160 ms
Loss rate: 2.23%
-- Flow 2:
Average throughput: 179.70 Mbit/s
95th percentile per-packet one-way delay: 146.959 ms
Loss rate: 5.05%
-- Flow 3:
Average throughput: 135.59 Mbit/s
95th percentile per-packet one-way delay: 148.787 ms
Loss rate: 14.58%
```

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2018-07-25 08:36:18  
End at: 2018-07-25 08:36:48  
Local clock offset: 1.221 ms  
Remote clock offset: -32.571 ms

Run 2: Report of FillP — Data Link

Figure is missing

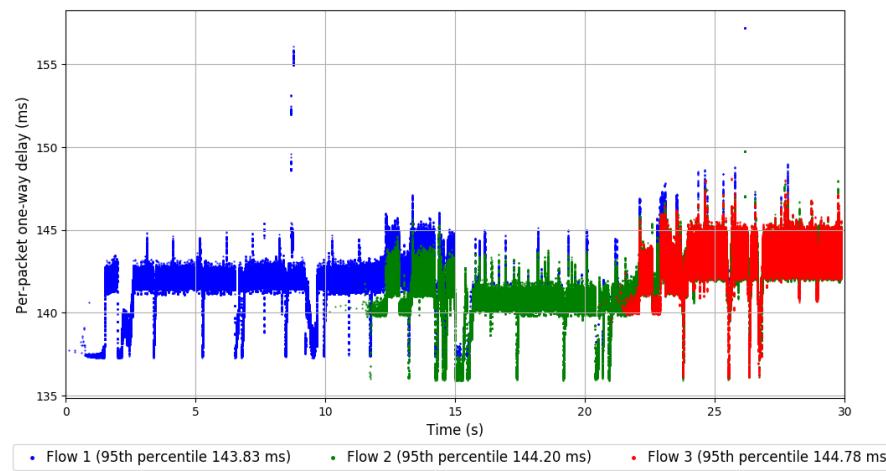
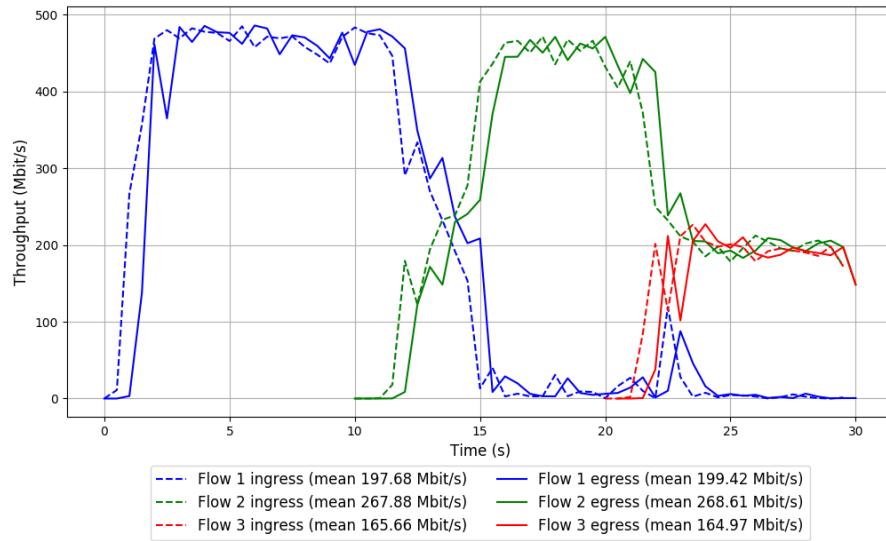
Figure is missing

```
Run 3: Statistics of FillP
```

```
Start at: 2018-07-25 09:00:52
End at: 2018-07-25 09:01:22
Local clock offset: 0.924 ms
Remote clock offset: -29.657 ms

# Below is generated by plot.py at 2018-07-25 13:22:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 428.49 Mbit/s
95th percentile per-packet one-way delay: 144.277 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 199.42 Mbit/s
95th percentile per-packet one-way delay: 143.831 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 268.61 Mbit/s
95th percentile per-packet one-way delay: 144.199 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 164.97 Mbit/s
95th percentile per-packet one-way delay: 144.779 ms
Loss rate: 2.55%
```

### Run 3: Report of FillP — Data Link

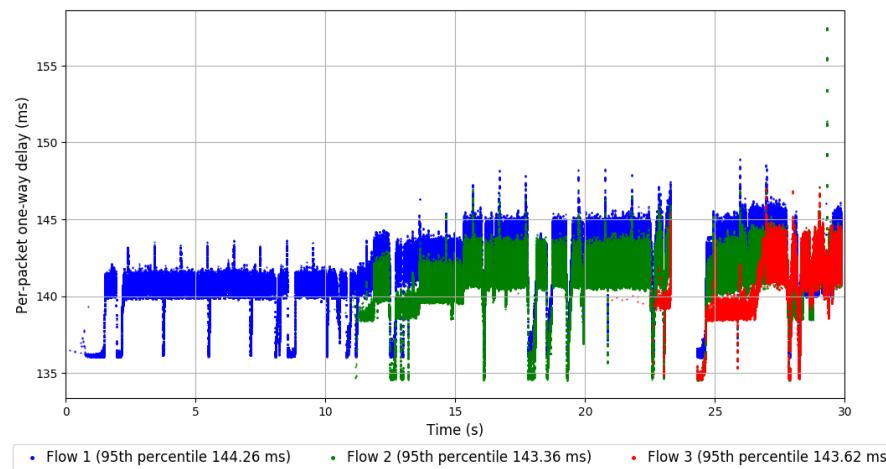
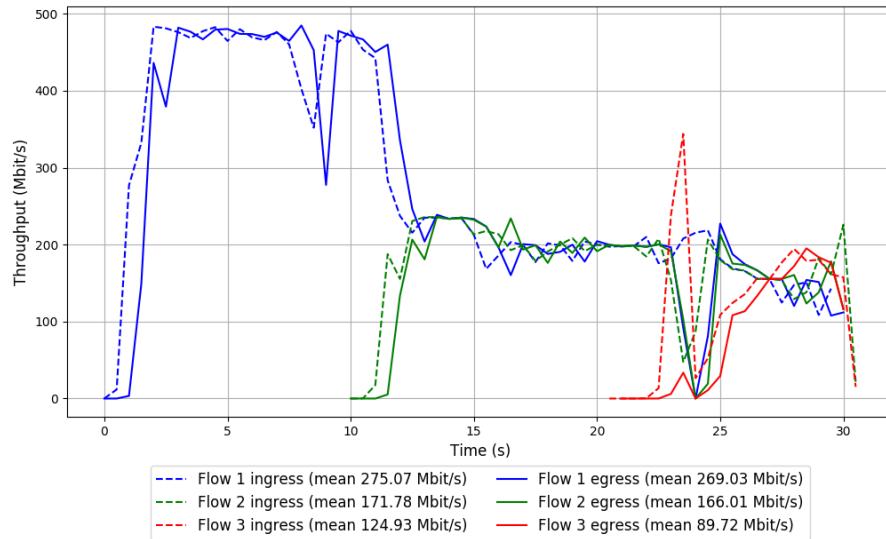


Run 4: Statistics of FillP

```
Start at: 2018-07-25 09:42:14
End at: 2018-07-25 09:42:44
Local clock offset: -0.182 ms
Remote clock offset: -32.066 ms

# Below is generated by plot.py at 2018-07-25 13:22:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 405.85 Mbit/s
95th percentile per-packet one-way delay: 144.062 ms
Loss rate: 7.04%
-- Flow 1:
Average throughput: 269.03 Mbit/s
95th percentile per-packet one-way delay: 144.264 ms
Loss rate: 2.95%
-- Flow 2:
Average throughput: 166.01 Mbit/s
95th percentile per-packet one-way delay: 143.356 ms
Loss rate: 7.24%
-- Flow 3:
Average throughput: 89.72 Mbit/s
95th percentile per-packet one-way delay: 143.619 ms
Loss rate: 34.31%
```

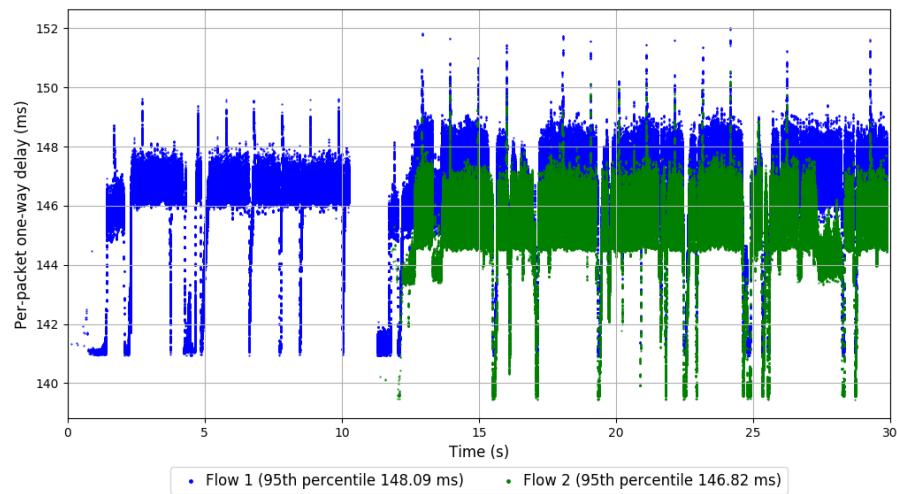
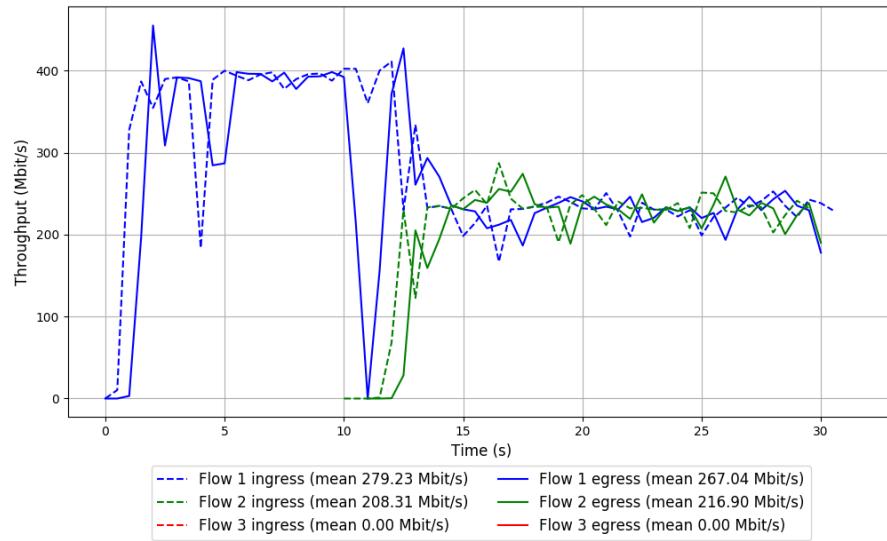
## Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2018-07-25 10:21:47  
End at: 2018-07-25 10:22:17  
Local clock offset: 1.303 ms  
Remote clock offset: -37.607 ms

Run 5: Report of FillP — Data Link

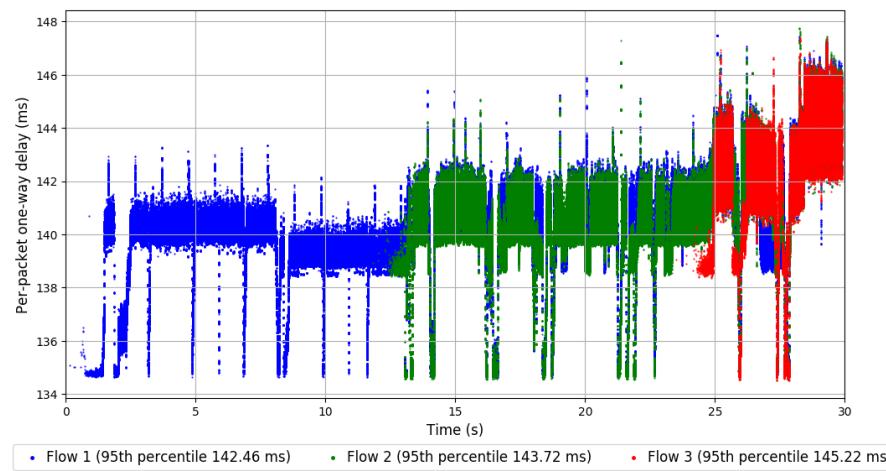
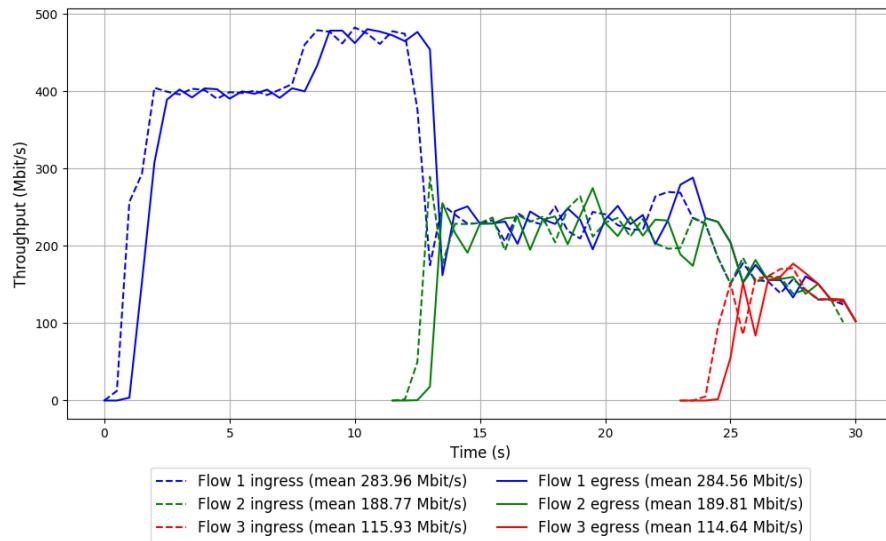


Run 6: Statistics of FillP

```
Start at: 2018-07-25 10:46:19
End at: 2018-07-25 10:46:49
Local clock offset: -0.213 ms
Remote clock offset: -34.888 ms

# Below is generated by plot.py at 2018-07-25 13:22:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 424.36 Mbit/s
95th percentile per-packet one-way delay: 143.502 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 284.56 Mbit/s
95th percentile per-packet one-way delay: 142.459 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 189.81 Mbit/s
95th percentile per-packet one-way delay: 143.719 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 114.64 Mbit/s
95th percentile per-packet one-way delay: 145.221 ms
Loss rate: 4.09%
```

## Run 6: Report of FillP — Data Link

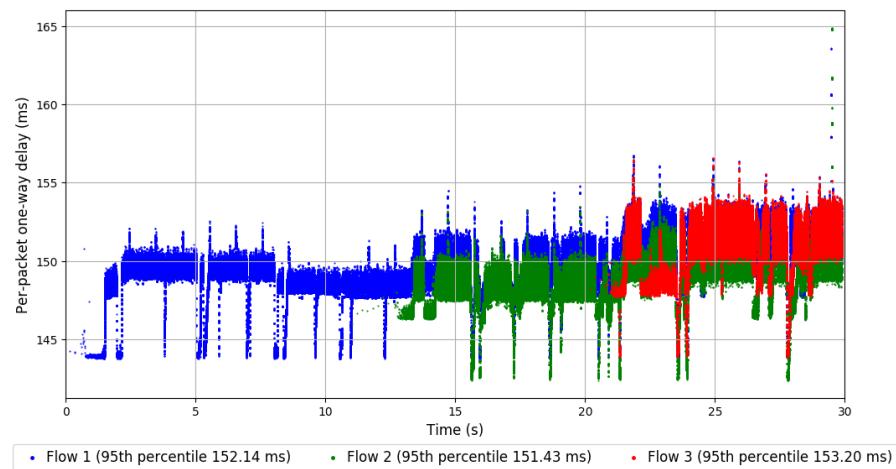
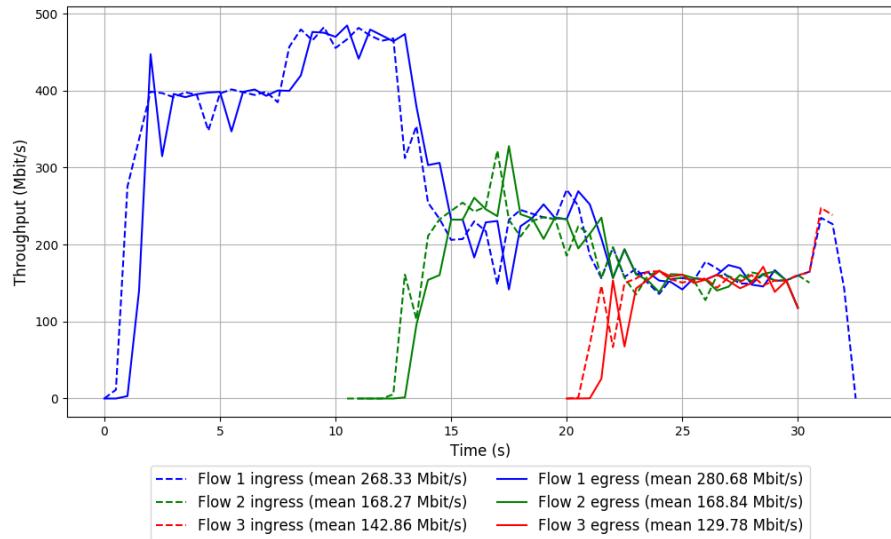


Run 7: Statistics of FillP

```
Start at: 2018-07-25 11:10:54
End at: 2018-07-25 11:11:24
Local clock offset: 1.225 ms
Remote clock offset: -41.998 ms

# Below is generated by plot.py at 2018-07-25 13:22:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 430.25 Mbit/s
95th percentile per-packet one-way delay: 152.370 ms
Loss rate: 8.23%
-- Flow 1:
Average throughput: 280.68 Mbit/s
95th percentile per-packet one-way delay: 152.144 ms
Loss rate: 5.71%
-- Flow 2:
Average throughput: 168.84 Mbit/s
95th percentile per-packet one-way delay: 151.433 ms
Loss rate: 5.79%
-- Flow 3:
Average throughput: 129.78 Mbit/s
95th percentile per-packet one-way delay: 153.204 ms
Loss rate: 26.14%
```

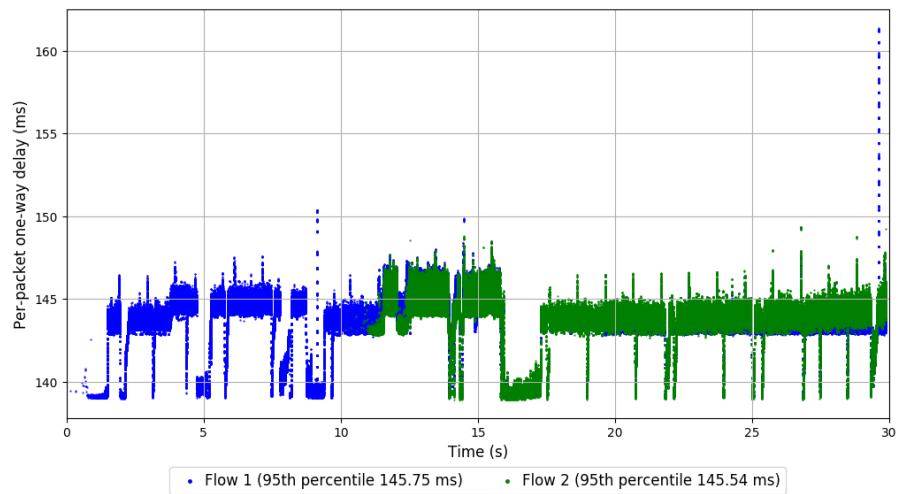
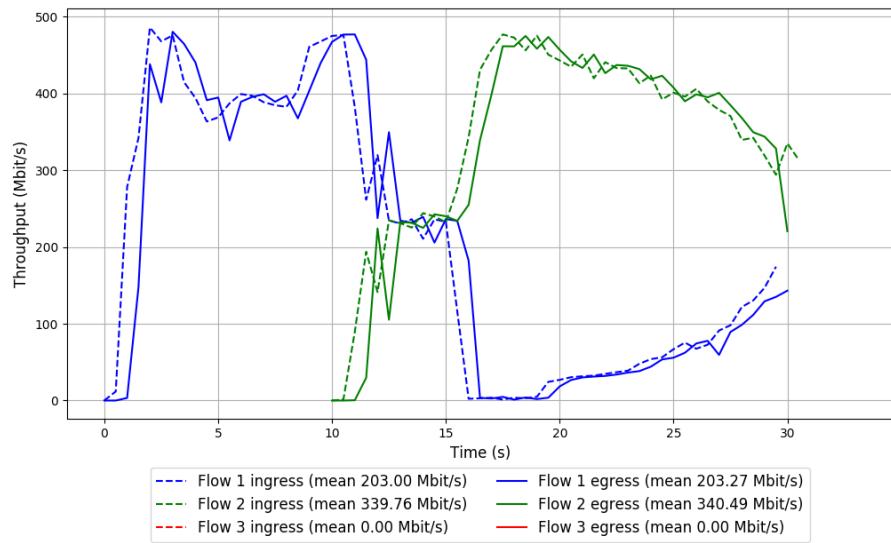
### Run 7: Report of FillP — Data Link



Run 8: Statistics of FillP

Start at: 2018-07-25 11:41:03  
End at: 2018-07-25 11:41:33  
Local clock offset: 2.57 ms  
Remote clock offset: -35.519 ms

Run 8: Report of FillP — Data Link

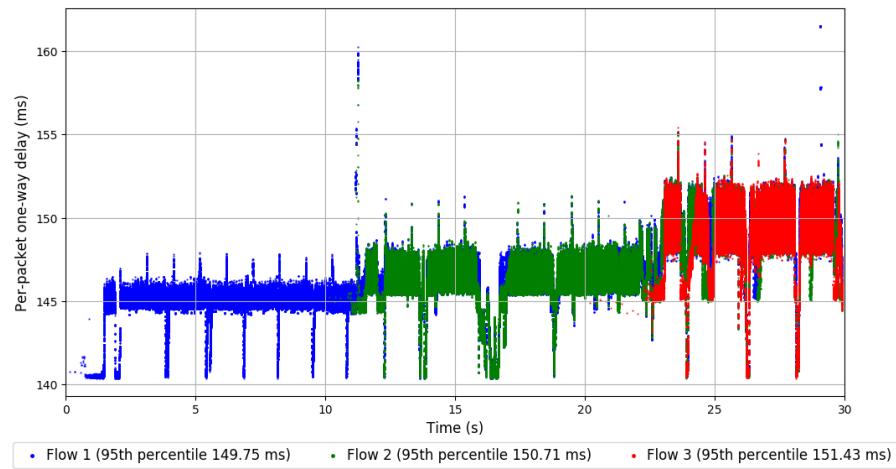
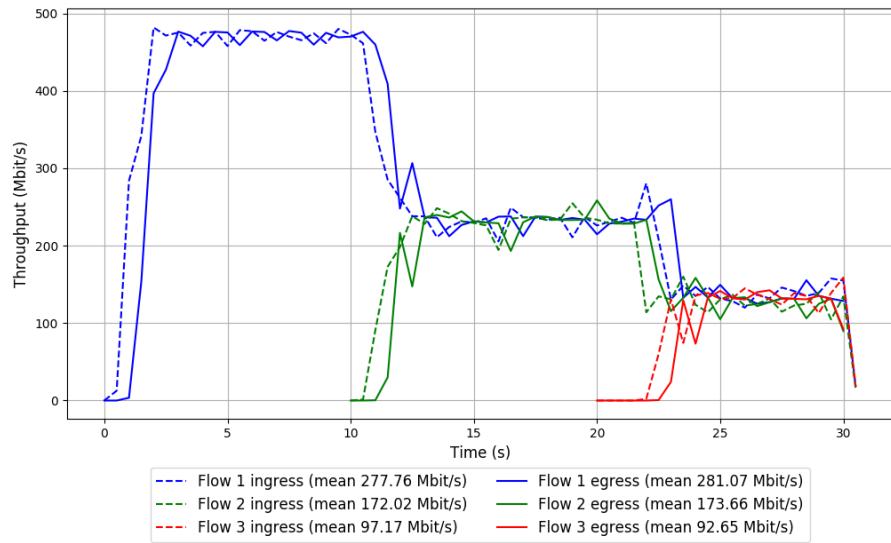


Run 9: Statistics of FillP

```
Start at: 2018-07-25 12:22:41
End at: 2018-07-25 12:23:11
Local clock offset: 2.981 ms
Remote clock offset: -38.612 ms

# Below is generated by plot.py at 2018-07-25 13:23:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 426.49 Mbit/s
95th percentile per-packet one-way delay: 150.579 ms
Loss rate: 2.71%
-- Flow 1:
Average throughput: 281.07 Mbit/s
95th percentile per-packet one-way delay: 149.746 ms
Loss rate: 1.47%
-- Flow 2:
Average throughput: 173.66 Mbit/s
95th percentile per-packet one-way delay: 150.714 ms
Loss rate: 3.02%
-- Flow 3:
Average throughput: 92.65 Mbit/s
95th percentile per-packet one-way delay: 151.433 ms
Loss rate: 11.95%
```

### Run 9: Report of FillP — Data Link

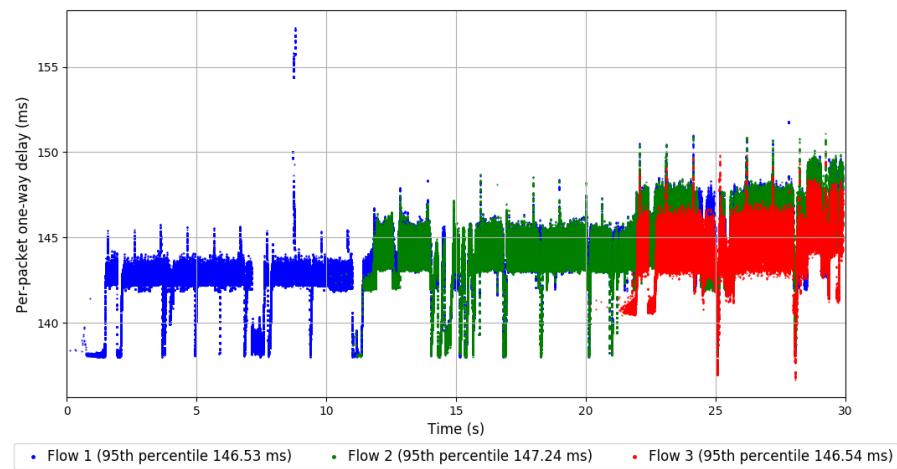
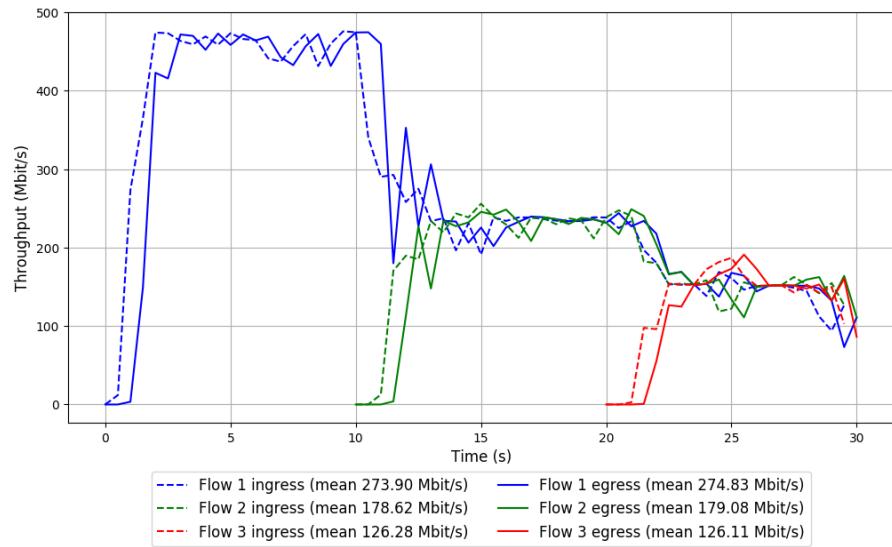


Run 10: Statistics of FillP

```
Start at: 2018-07-25 12:58:41
End at: 2018-07-25 12:59:11
Local clock offset: -0.683 ms
Remote clock offset: -39.067 ms

# Below is generated by plot.py at 2018-07-25 13:27:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 434.75 Mbit/s
95th percentile per-packet one-way delay: 146.847 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 274.83 Mbit/s
95th percentile per-packet one-way delay: 146.526 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 179.08 Mbit/s
95th percentile per-packet one-way delay: 147.240 ms
Loss rate: 0.77%
-- Flow 3:
Average throughput: 126.11 Mbit/s
95th percentile per-packet one-way delay: 146.537 ms
Loss rate: 2.18%
```

## Run 10: Report of FillP — Data Link

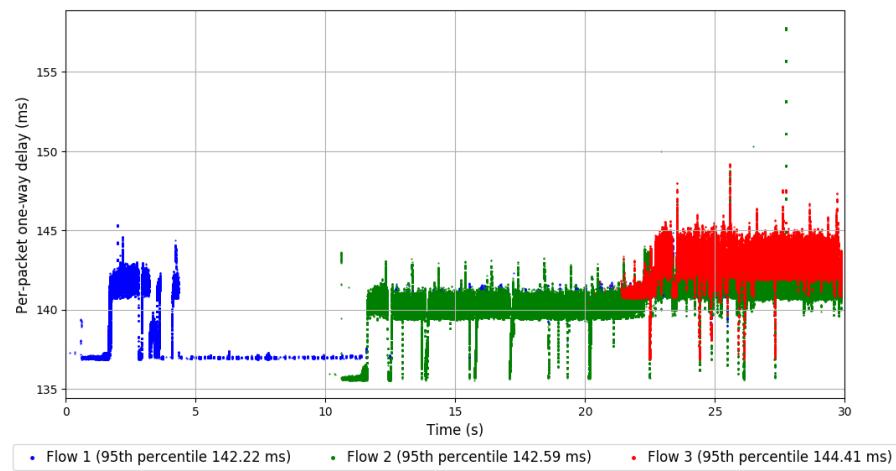
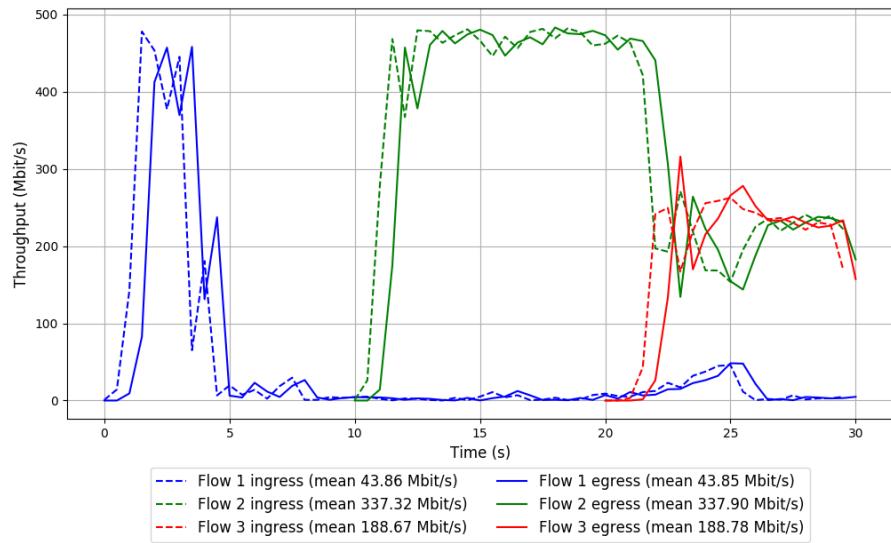


Run 1: Statistics of FillP-Sheep

```
Start at: 2018-07-25 07:47:41
End at: 2018-07-25 07:48:11
Local clock offset: -1.402 ms
Remote clock offset: -34.178 ms

# Below is generated by plot.py at 2018-07-25 13:27:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 329.47 Mbit/s
95th percentile per-packet one-way delay: 143.683 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 43.85 Mbit/s
95th percentile per-packet one-way delay: 142.225 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 337.90 Mbit/s
95th percentile per-packet one-way delay: 142.595 ms
Loss rate: 0.83%
-- Flow 3:
Average throughput: 188.78 Mbit/s
95th percentile per-packet one-way delay: 144.414 ms
Loss rate: 1.97%
```

Run 1: Report of FillP-Sheep — Data Link

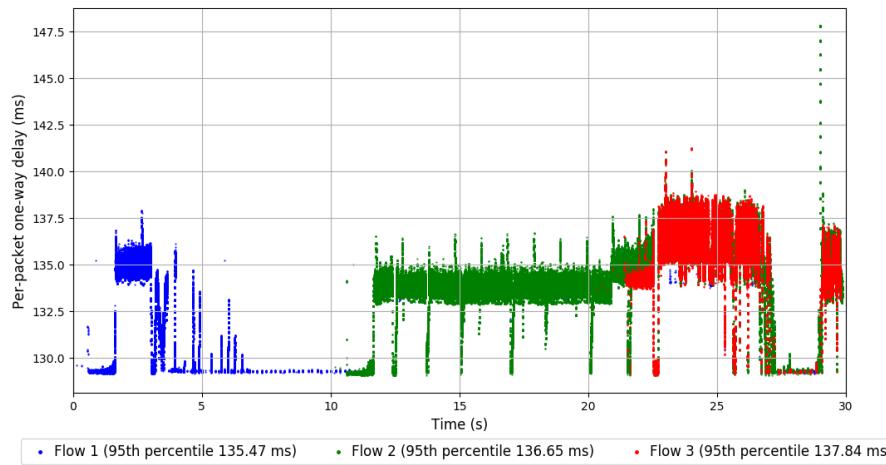
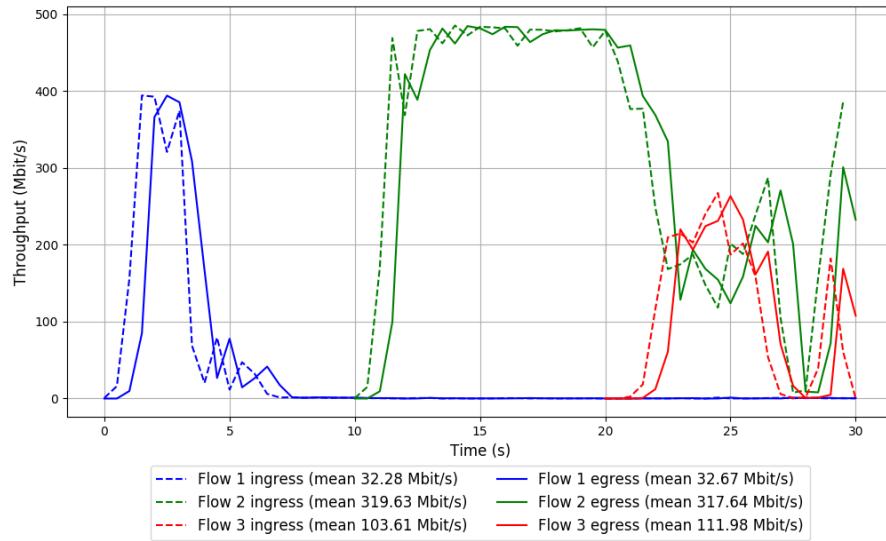


Run 2: Statistics of FillP-Sheep

```
Start at: 2018-07-25 08:17:39
End at: 2018-07-25 08:18:09
Local clock offset: 0.076 ms
Remote clock offset: -23.54 ms

# Below is generated by plot.py at 2018-07-25 13:27:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 279.51 Mbit/s
95th percentile per-packet one-way delay: 137.136 ms
Loss rate: 1.38%
-- Flow 1:
Average throughput: 32.67 Mbit/s
95th percentile per-packet one-way delay: 135.474 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 317.64 Mbit/s
95th percentile per-packet one-way delay: 136.649 ms
Loss rate: 1.82%
-- Flow 3:
Average throughput: 111.98 Mbit/s
95th percentile per-packet one-way delay: 137.845 ms
Loss rate: 0.04%
```

Run 2: Report of FillP-Sheep — Data Link

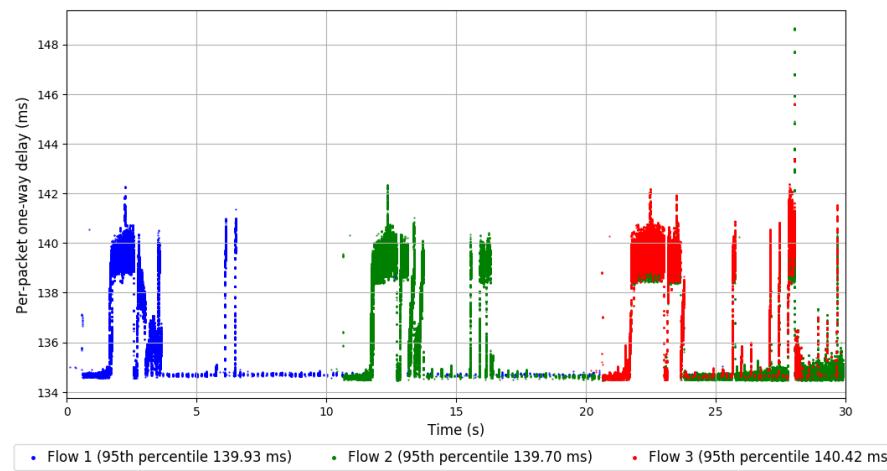
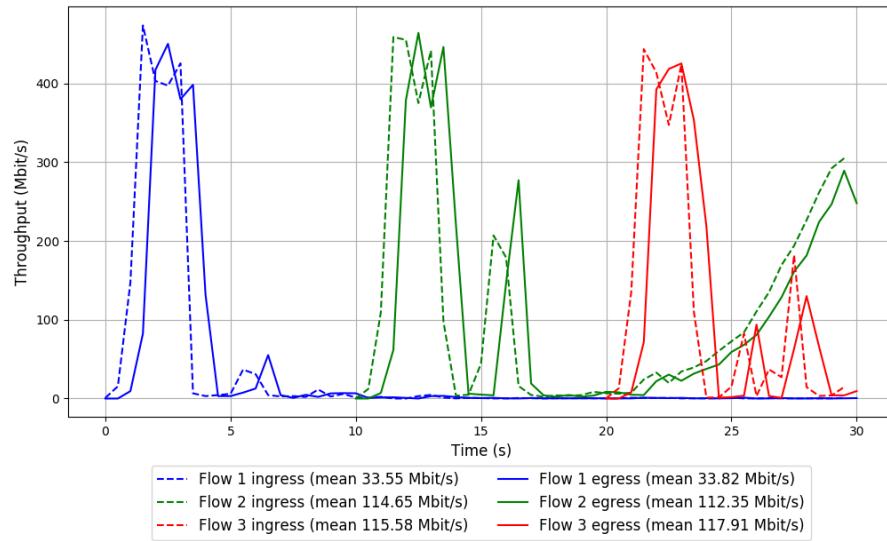


Run 3: Statistics of FillP-Sheep

```
Start at: 2018-07-25 08:48:07
End at: 2018-07-25 08:48:37
Local clock offset: -2.111 ms
Remote clock offset: -31.39 ms

# Below is generated by plot.py at 2018-07-25 13:27:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 146.25 Mbit/s
95th percentile per-packet one-way delay: 140.025 ms
Loss rate: 1.60%
-- Flow 1:
Average throughput: 33.82 Mbit/s
95th percentile per-packet one-way delay: 139.931 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 112.35 Mbit/s
95th percentile per-packet one-way delay: 139.697 ms
Loss rate: 2.98%
-- Flow 3:
Average throughput: 117.91 Mbit/s
95th percentile per-packet one-way delay: 140.423 ms
Loss rate: 0.23%
```

Run 3: Report of FillP-Sheep — Data Link

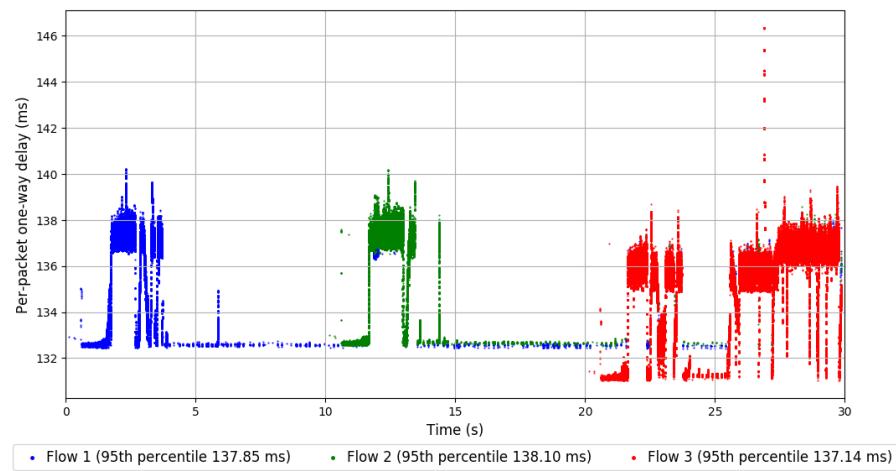
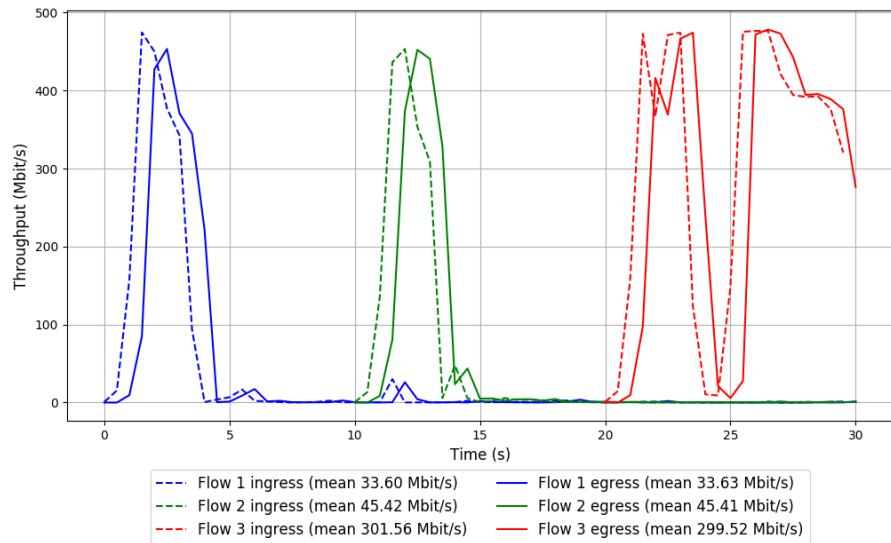


Run 4: Statistics of FillP-Sheep

```
Start at: 2018-07-25 09:23:39
End at: 2018-07-25 09:24:09
Local clock offset: -0.116 ms
Remote clock offset: -26.957 ms

# Below is generated by plot.py at 2018-07-25 13:27:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 161.65 Mbit/s
95th percentile per-packet one-way delay: 137.744 ms
Loss rate: 1.57%
-- Flow 1:
Average throughput: 33.63 Mbit/s
95th percentile per-packet one-way delay: 137.853 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 45.41 Mbit/s
95th percentile per-packet one-way delay: 138.105 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 299.52 Mbit/s
95th percentile per-packet one-way delay: 137.144 ms
Loss rate: 2.56%
```

Run 4: Report of FillP-Sheep — Data Link

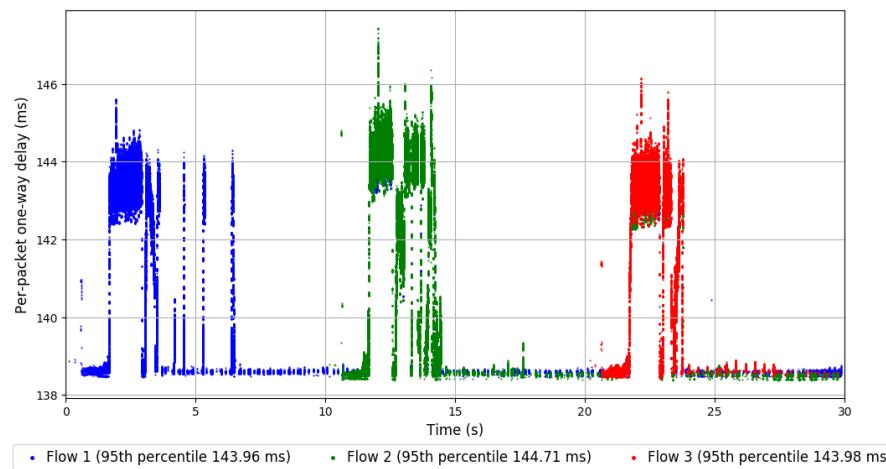
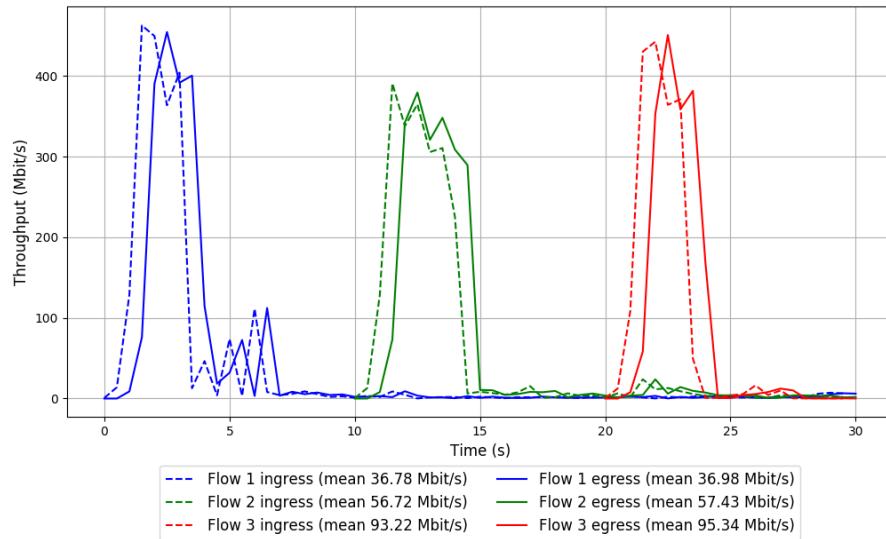


Run 5: Statistics of FillP-Sheep

```
Start at: 2018-07-25 09:59:31
End at: 2018-07-25 10:00:01
Local clock offset: 0.95 ms
Remote clock offset: -34.222 ms

# Below is generated by plot.py at 2018-07-25 13:27:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 105.43 Mbit/s
95th percentile per-packet one-way delay: 144.416 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 36.98 Mbit/s
95th percentile per-packet one-way delay: 143.961 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 57.43 Mbit/s
95th percentile per-packet one-way delay: 144.713 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 95.34 Mbit/s
95th percentile per-packet one-way delay: 143.978 ms
Loss rate: 0.00%
```

Run 5: Report of FillP-Sheep — Data Link

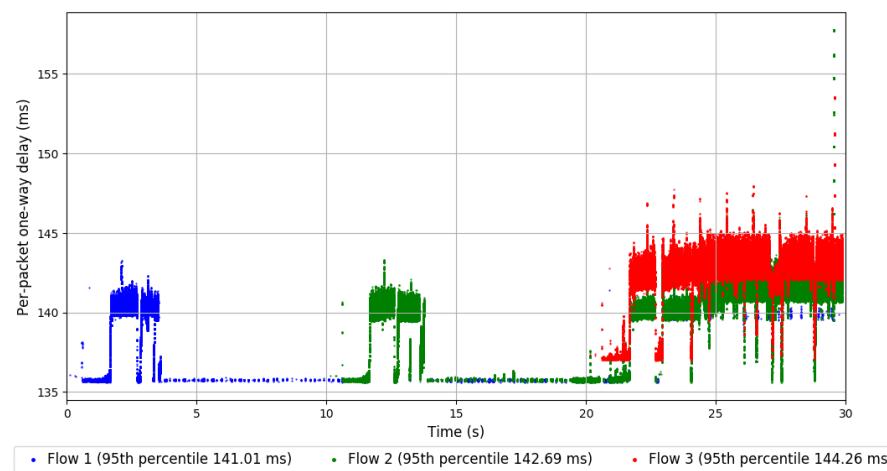
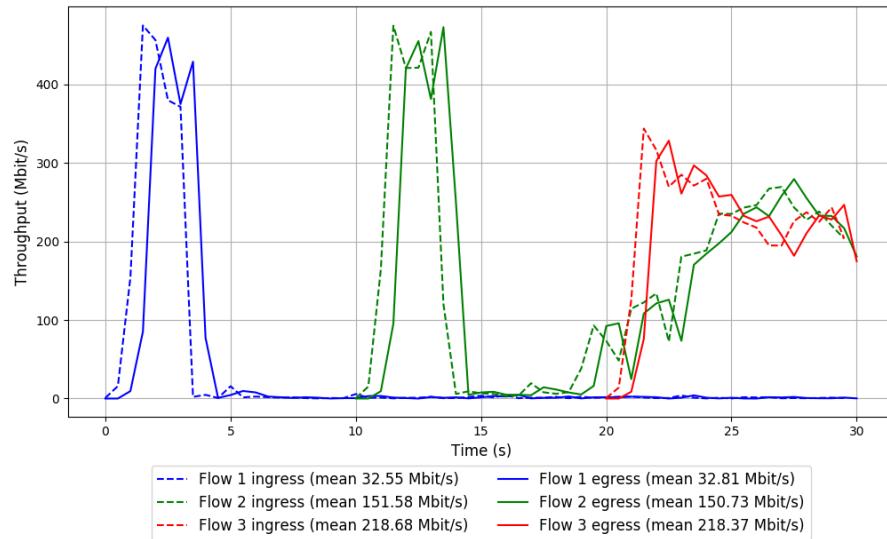


Run 6: Statistics of FillP-Sheep

```
Start at: 2018-07-25 10:33:30
End at: 2018-07-25 10:34:00
Local clock offset: -1.977 ms
Remote clock offset: -37.432 ms

# Below is generated by plot.py at 2018-07-25 13:27:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 203.93 Mbit/s
95th percentile per-packet one-way delay: 143.846 ms
Loss rate: 1.53%
-- Flow 1:
Average throughput: 32.81 Mbit/s
95th percentile per-packet one-way delay: 141.008 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 150.73 Mbit/s
95th percentile per-packet one-way delay: 142.693 ms
Loss rate: 1.55%
-- Flow 3:
Average throughput: 218.37 Mbit/s
95th percentile per-packet one-way delay: 144.263 ms
Loss rate: 2.16%
```

Run 6: Report of FillP-Sheep — Data Link

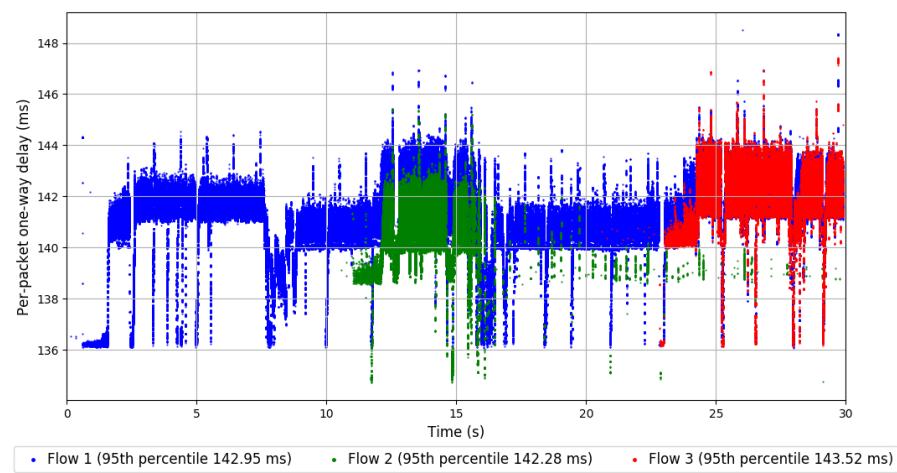
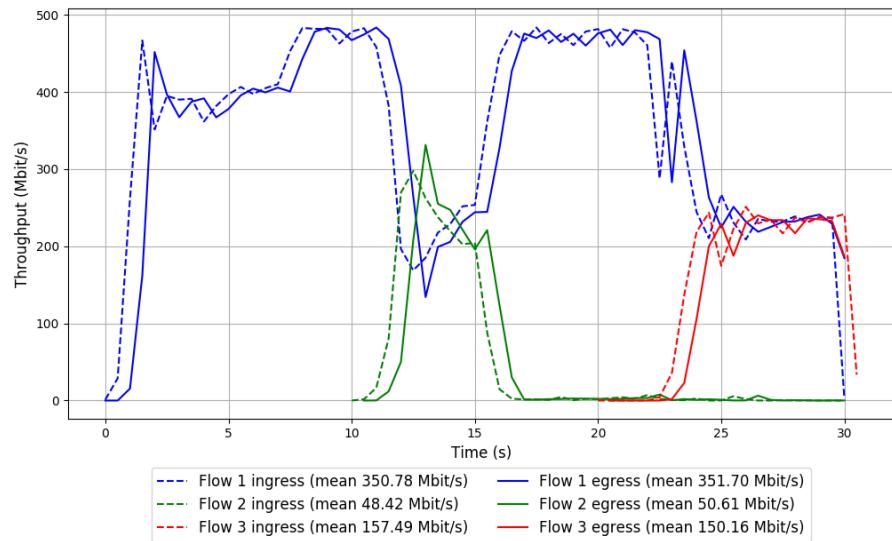


Run 7: Statistics of FillP-Sheep

```
Start at: 2018-07-25 10:57:59
End at: 2018-07-25 10:58:29
Local clock offset: -0.029 ms
Remote clock offset: -35.224 ms

# Below is generated by plot.py at 2018-07-25 13:29:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 431.24 Mbit/s
95th percentile per-packet one-way delay: 143.079 ms
Loss rate: 1.97%
-- Flow 1:
Average throughput: 351.70 Mbit/s
95th percentile per-packet one-way delay: 142.954 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 50.61 Mbit/s
95th percentile per-packet one-way delay: 142.281 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 150.16 Mbit/s
95th percentile per-packet one-way delay: 143.522 ms
Loss rate: 12.37%
```

Run 7: Report of FillP-Sheep — Data Link

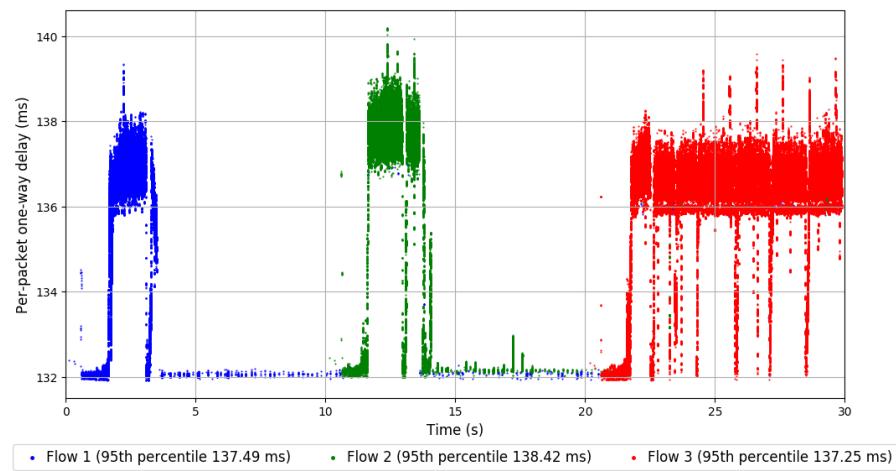
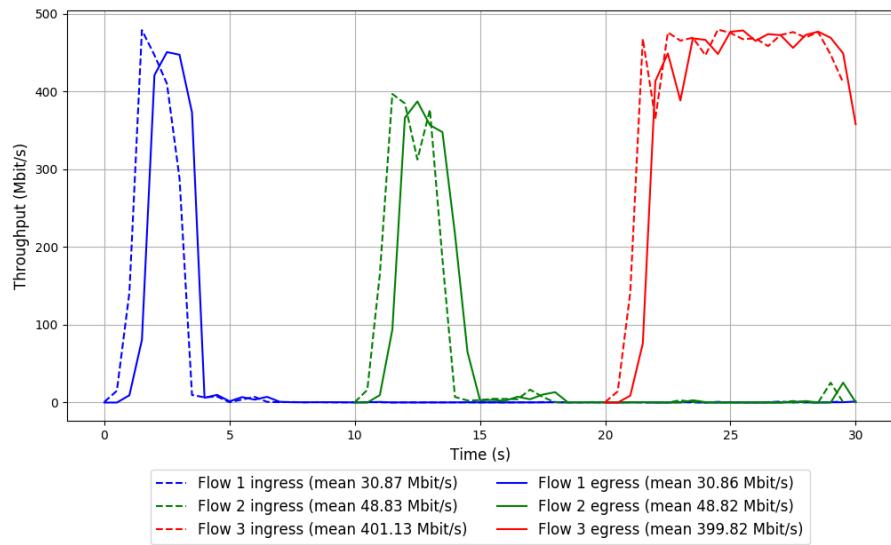


Run 8: Statistics of FillP-Sheep

```
Start at: 2018-07-25 11:28:13
End at: 2018-07-25 11:28:43
Local clock offset: -1.626 ms
Remote clock offset: -34.611 ms

# Below is generated by plot.py at 2018-07-25 13:29:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 193.71 Mbit/s
95th percentile per-packet one-way delay: 137.887 ms
Loss rate: 1.56%
-- Flow 1:
Average throughput: 30.86 Mbit/s
95th percentile per-packet one-way delay: 137.492 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 48.82 Mbit/s
95th percentile per-packet one-way delay: 138.424 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 399.82 Mbit/s
95th percentile per-packet one-way delay: 137.248 ms
Loss rate: 2.30%
```

Run 8: Report of FillP-Sheep — Data Link

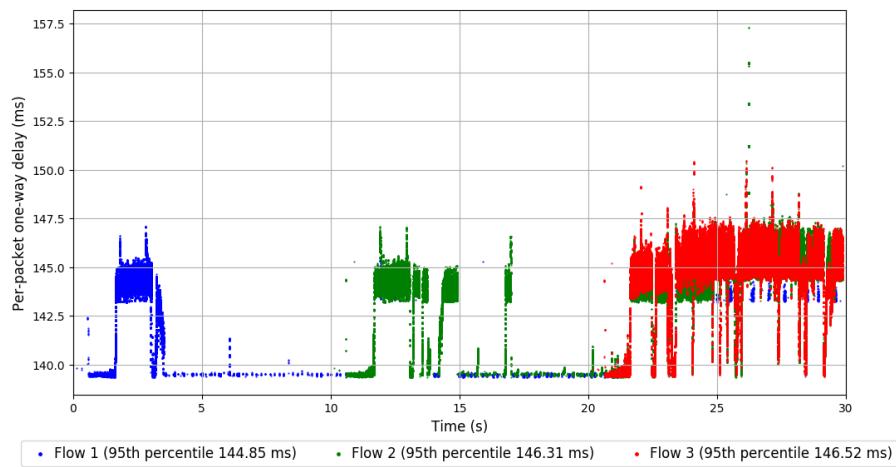
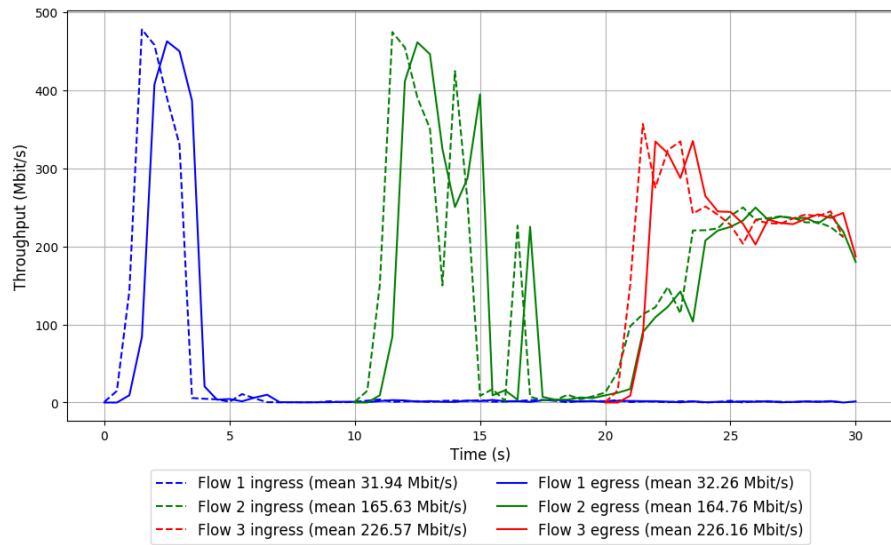


Run 9: Statistics of FillP-Sheep

```
Start at: 2018-07-25 12:09:54
End at: 2018-07-25 12:10:24
Local clock offset: 1.65 ms
Remote clock offset: -38.721 ms

# Below is generated by plot.py at 2018-07-25 13:29:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 215.27 Mbit/s
95th percentile per-packet one-way delay: 146.357 ms
Loss rate: 1.51%
-- Flow 1:
Average throughput: 32.26 Mbit/s
95th percentile per-packet one-way delay: 144.846 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 164.76 Mbit/s
95th percentile per-packet one-way delay: 146.311 ms
Loss rate: 1.49%
-- Flow 3:
Average throughput: 226.16 Mbit/s
95th percentile per-packet one-way delay: 146.524 ms
Loss rate: 2.17%
```

Run 9: Report of FillP-Sheep — Data Link

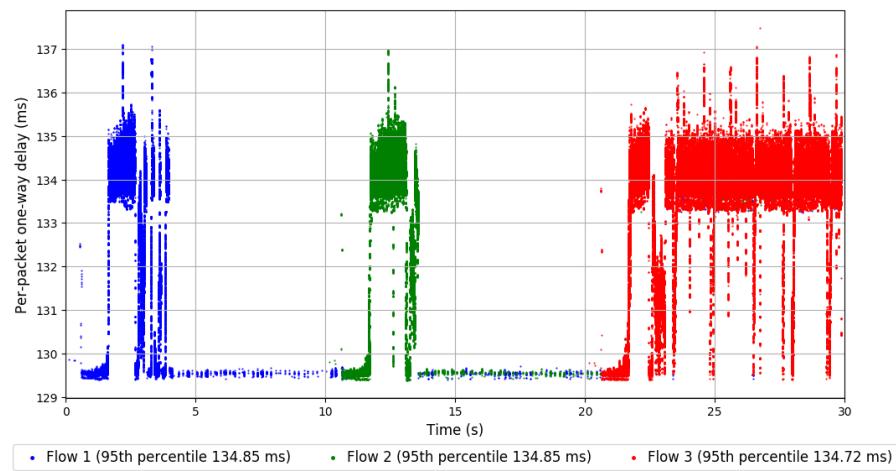
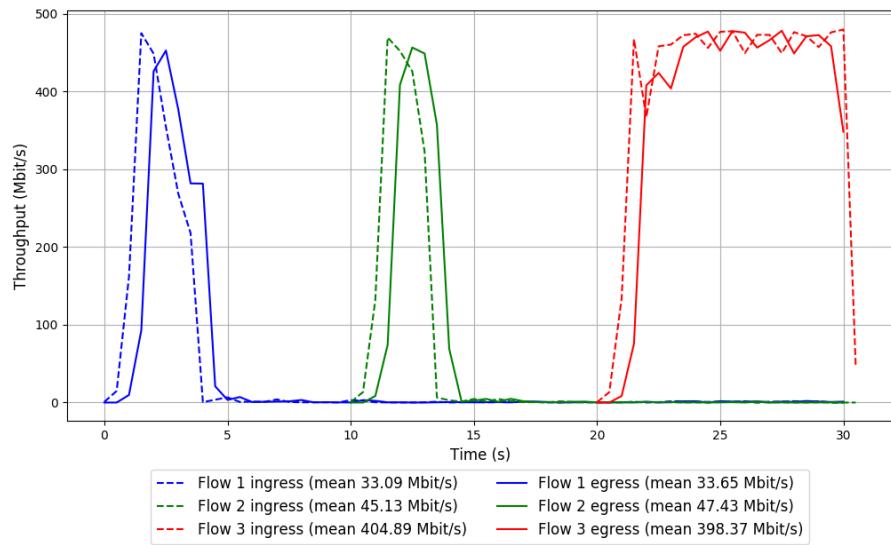


Run 10: Statistics of FillP-Sheep

```
Start at: 2018-07-25 12:34:18
End at: 2018-07-25 12:34:48
Local clock offset: 0.307 ms
Remote clock offset: -30.434 ms

# Below is generated by plot.py at 2018-07-25 13:29:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 194.62 Mbit/s
95th percentile per-packet one-way delay: 134.760 ms
Loss rate: 6.32%
-- Flow 1:
Average throughput: 33.65 Mbit/s
95th percentile per-packet one-way delay: 134.849 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 47.43 Mbit/s
95th percentile per-packet one-way delay: 134.852 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 398.37 Mbit/s
95th percentile per-packet one-way delay: 134.716 ms
Loss rate: 9.18%
```

Run 10: Report of FillP-Sheep — Data Link

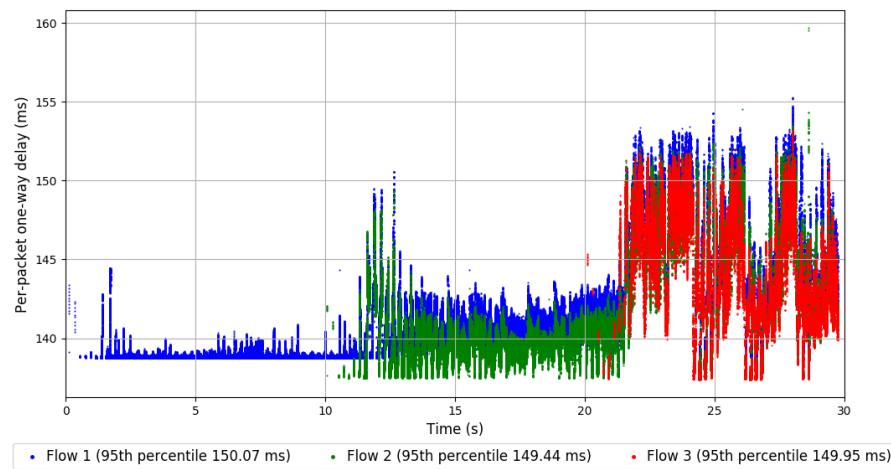
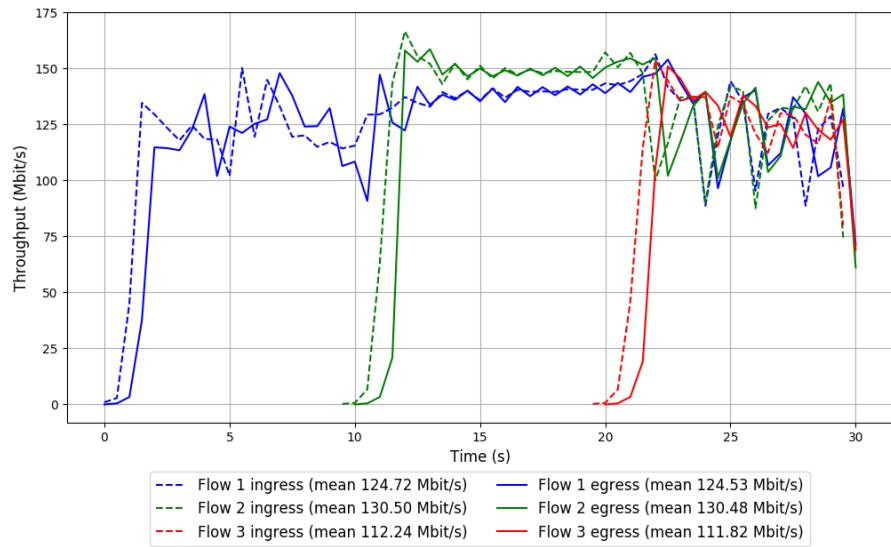


Run 1: Statistics of Indigo

```
Start at: 2018-07-25 07:57:40
End at: 2018-07-25 07:58:10
Local clock offset: -0.401 ms
Remote clock offset: -34.011 ms

# Below is generated by plot.py at 2018-07-25 13:29:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 247.61 Mbit/s
95th percentile per-packet one-way delay: 149.771 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 124.53 Mbit/s
95th percentile per-packet one-way delay: 150.066 ms
Loss rate: 0.85%
-- Flow 2:
Average throughput: 130.48 Mbit/s
95th percentile per-packet one-way delay: 149.435 ms
Loss rate: 1.01%
-- Flow 3:
Average throughput: 111.82 Mbit/s
95th percentile per-packet one-way delay: 149.951 ms
Loss rate: 2.43%
```

## Run 1: Report of Indigo — Data Link

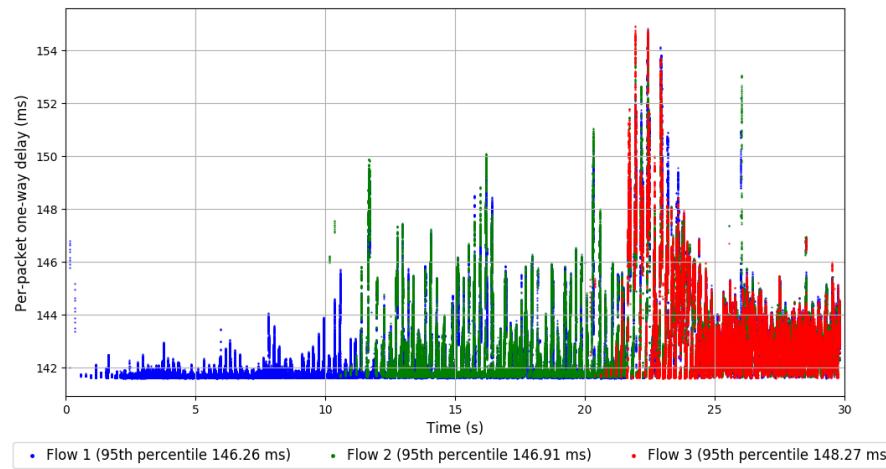
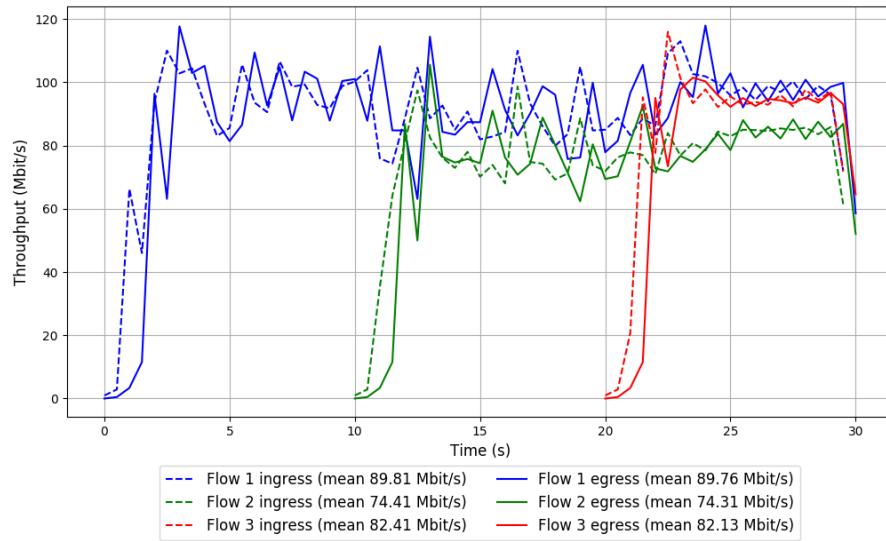


Run 2: Statistics of Indigo

```
Start at: 2018-07-25 08:27:37
End at: 2018-07-25 08:28:07
Local clock offset: 0.097 ms
Remote clock offset: -34.578 ms

# Below is generated by plot.py at 2018-07-25 13:29:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 165.68 Mbit/s
95th percentile per-packet one-way delay: 146.870 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 89.76 Mbit/s
95th percentile per-packet one-way delay: 146.263 ms
Loss rate: 0.71%
-- Flow 2:
Average throughput: 74.31 Mbit/s
95th percentile per-packet one-way delay: 146.912 ms
Loss rate: 1.13%
-- Flow 3:
Average throughput: 82.13 Mbit/s
95th percentile per-packet one-way delay: 148.274 ms
Loss rate: 2.35%
```

Run 2: Report of Indigo — Data Link

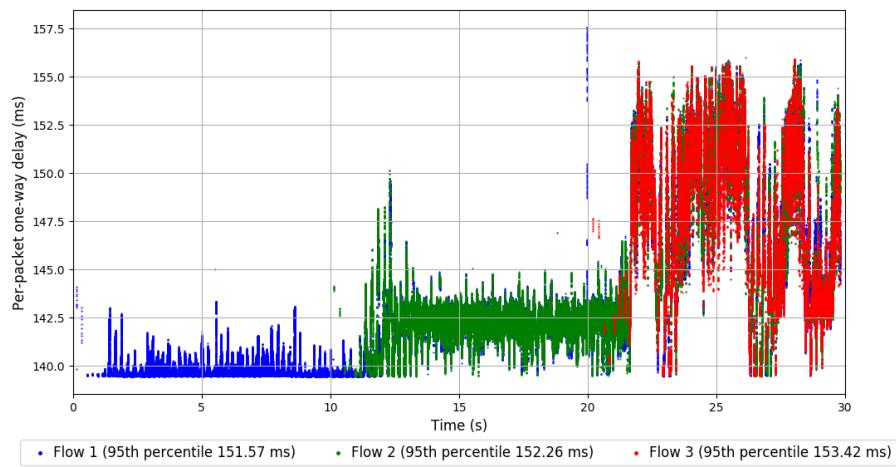
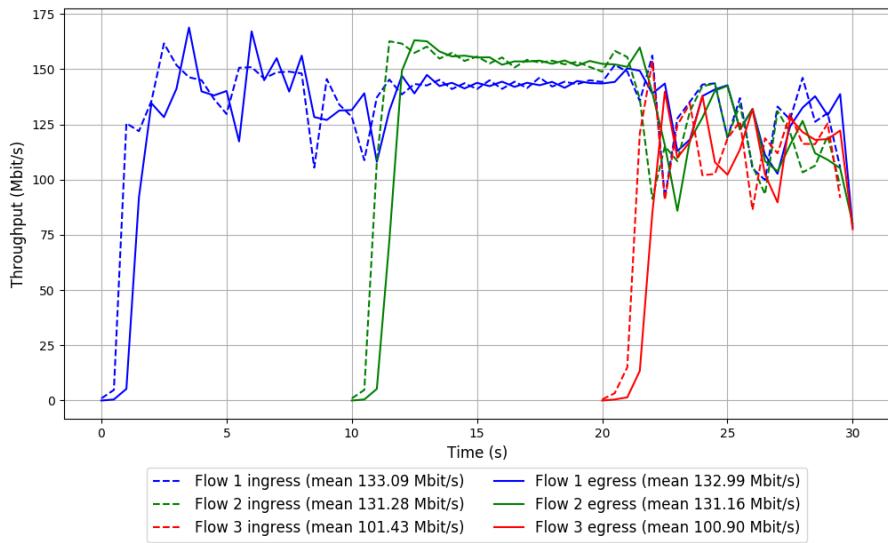


Run 3: Statistics of Indigo

```
Start at: 2018-07-25 08:57:55
End at: 2018-07-25 08:58:25
Local clock offset: 1.056 ms
Remote clock offset: -32.993 ms

# Below is generated by plot.py at 2018-07-25 13:29:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 252.58 Mbit/s
95th percentile per-packet one-way delay: 152.223 ms
Loss rate: 1.12%
-- Flow 1:
Average throughput: 132.99 Mbit/s
95th percentile per-packet one-way delay: 151.568 ms
Loss rate: 0.77%
-- Flow 2:
Average throughput: 131.16 Mbit/s
95th percentile per-packet one-way delay: 152.261 ms
Loss rate: 1.10%
-- Flow 3:
Average throughput: 100.90 Mbit/s
95th percentile per-packet one-way delay: 153.416 ms
Loss rate: 2.54%
```

Run 3: Report of Indigo — Data Link

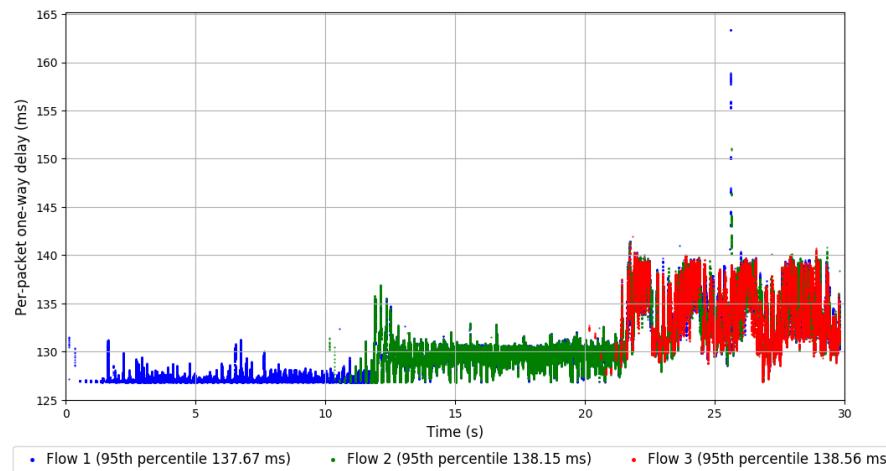
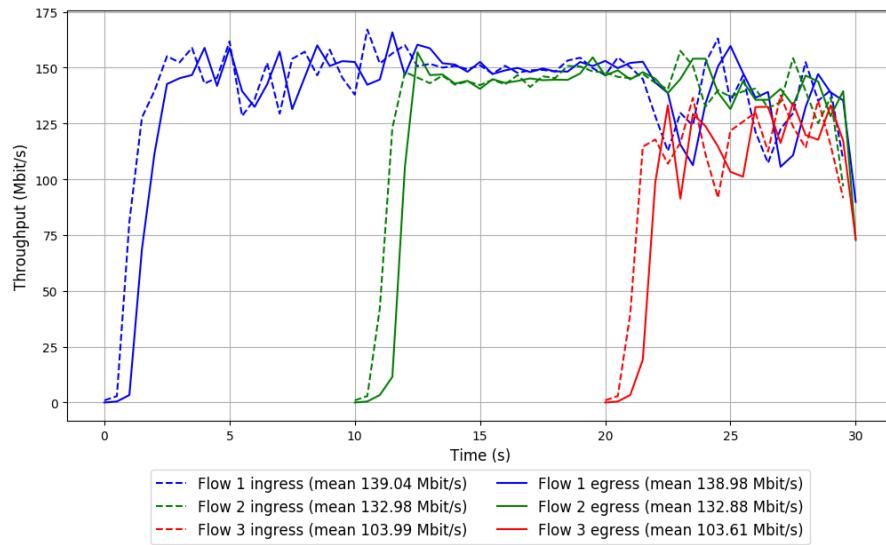


Run 4: Statistics of Indigo

```
Start at: 2018-07-25 09:33:29
End at: 2018-07-25 09:33:59
Local clock offset: -1.05 ms
Remote clock offset: -24.389 ms

# Below is generated by plot.py at 2018-07-25 13:29:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 260.64 Mbit/s
95th percentile per-packet one-way delay: 138.118 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 138.98 Mbit/s
95th percentile per-packet one-way delay: 137.666 ms
Loss rate: 0.70%
-- Flow 2:
Average throughput: 132.88 Mbit/s
95th percentile per-packet one-way delay: 138.149 ms
Loss rate: 1.08%
-- Flow 3:
Average throughput: 103.61 Mbit/s
95th percentile per-packet one-way delay: 138.558 ms
Loss rate: 2.49%
```

Run 4: Report of Indigo — Data Link

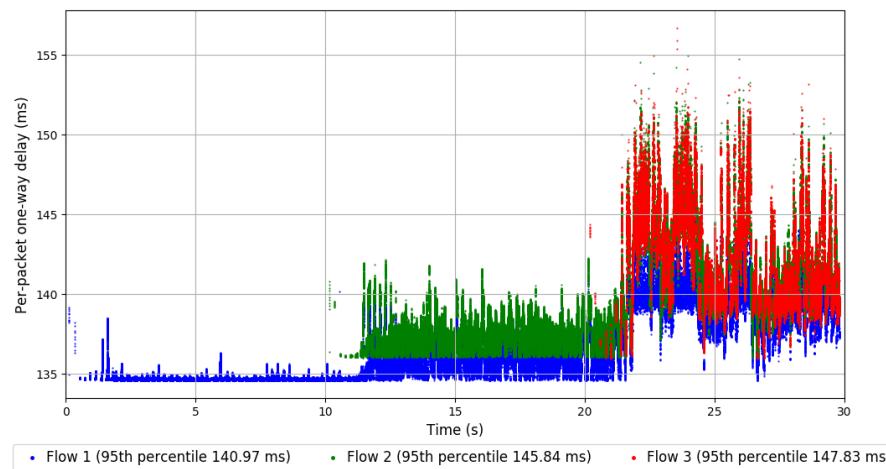
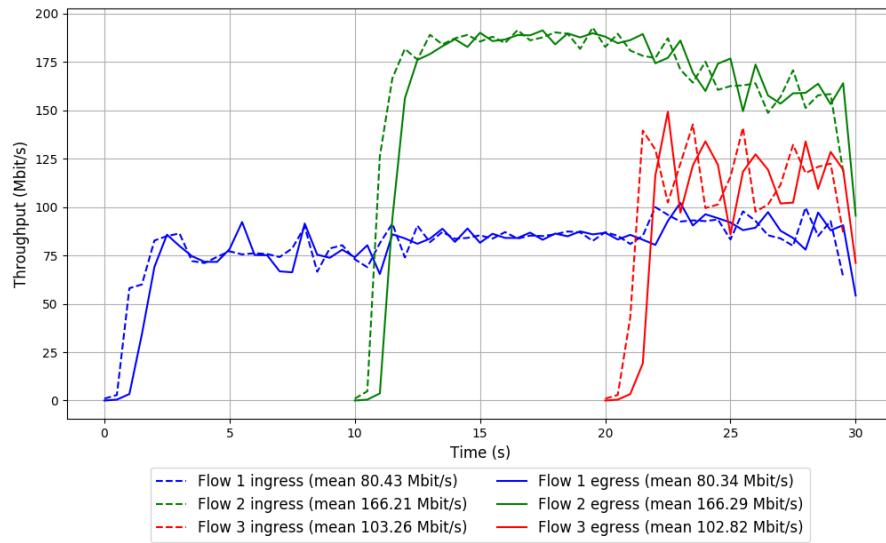


Run 5: Statistics of Indigo

```
Start at: 2018-07-25 10:09:13
End at: 2018-07-25 10:09:43
Local clock offset: -0.157 ms
Remote clock offset: -33.318 ms

# Below is generated by plot.py at 2018-07-25 13:29:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 223.86 Mbit/s
95th percentile per-packet one-way delay: 145.757 ms
Loss rate: 1.12%
-- Flow 1:
Average throughput: 80.34 Mbit/s
95th percentile per-packet one-way delay: 140.974 ms
Loss rate: 0.76%
-- Flow 2:
Average throughput: 166.29 Mbit/s
95th percentile per-packet one-way delay: 145.839 ms
Loss rate: 0.95%
-- Flow 3:
Average throughput: 102.82 Mbit/s
95th percentile per-packet one-way delay: 147.832 ms
Loss rate: 2.52%
```

Run 5: Report of Indigo — Data Link

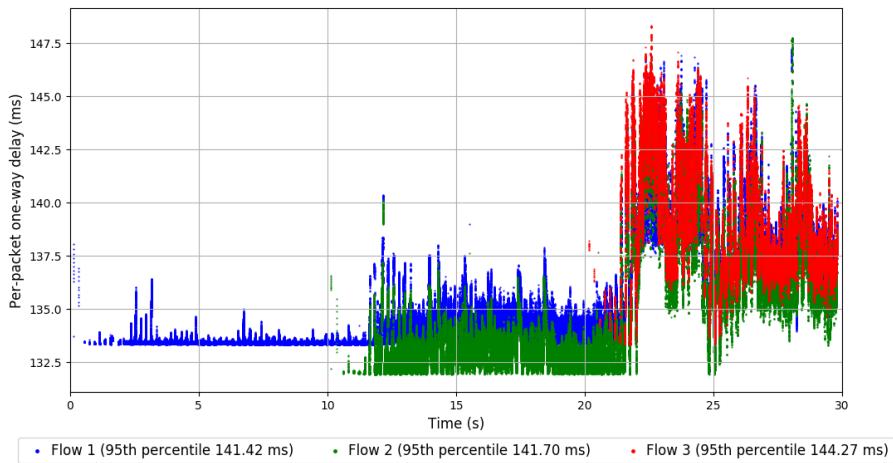
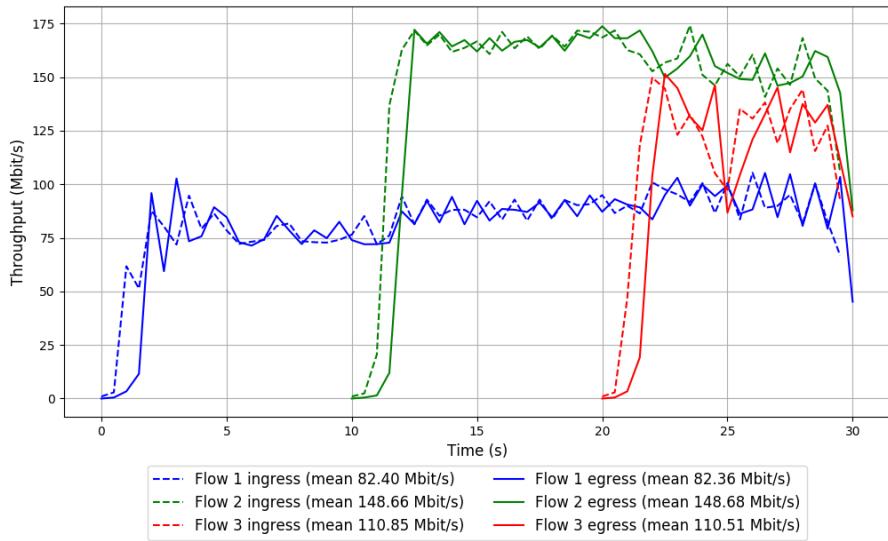


Run 6: Statistics of Indigo

```
Start at: 2018-07-25 10:43:23
End at: 2018-07-25 10:43:53
Local clock offset: 1.513 ms
Remote clock offset: -30.363 ms

# Below is generated by plot.py at 2018-07-25 13:29:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 216.75 Mbit/s
95th percentile per-packet one-way delay: 142.452 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 82.36 Mbit/s
95th percentile per-packet one-way delay: 141.416 ms
Loss rate: 0.70%
-- Flow 2:
Average throughput: 148.68 Mbit/s
95th percentile per-packet one-way delay: 141.696 ms
Loss rate: 0.95%
-- Flow 3:
Average throughput: 110.51 Mbit/s
95th percentile per-packet one-way delay: 144.271 ms
Loss rate: 2.32%
```

Run 6: Report of Indigo — Data Link

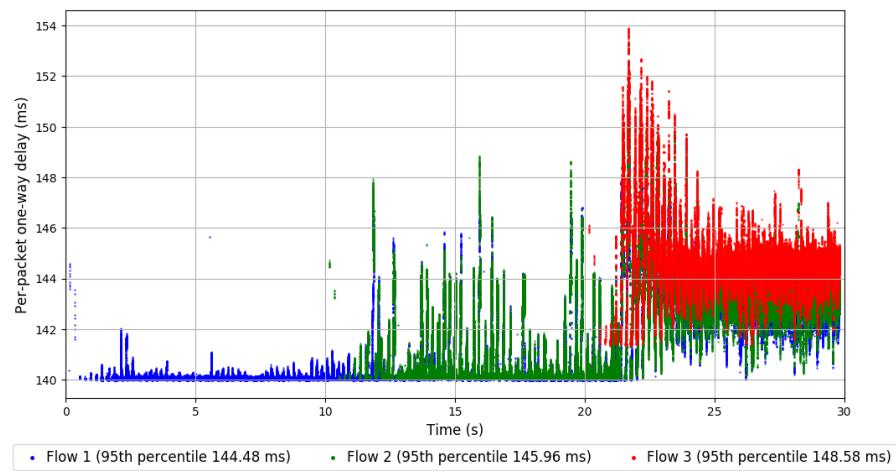
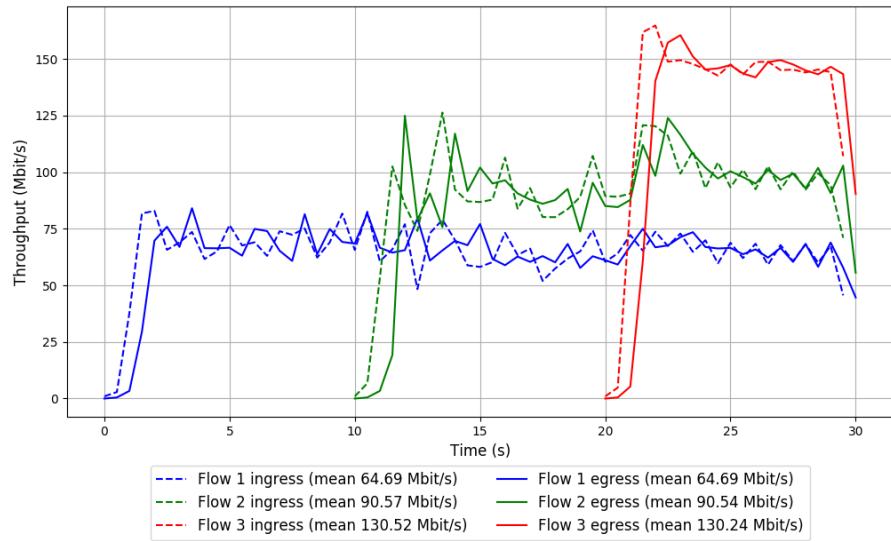


Run 7: Statistics of Indigo

```
Start at: 2018-07-25 11:08:01
End at: 2018-07-25 11:08:31
Local clock offset: -0.194 ms
Remote clock offset: -40.799 ms

# Below is generated by plot.py at 2018-07-25 13:29:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 167.04 Mbit/s
95th percentile per-packet one-way delay: 146.417 ms
Loss rate: 1.21%
-- Flow 1:
Average throughput: 64.69 Mbit/s
95th percentile per-packet one-way delay: 144.480 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 90.54 Mbit/s
95th percentile per-packet one-way delay: 145.961 ms
Loss rate: 1.06%
-- Flow 3:
Average throughput: 130.24 Mbit/s
95th percentile per-packet one-way delay: 148.581 ms
Loss rate: 2.26%
```

Run 7: Report of Indigo — Data Link

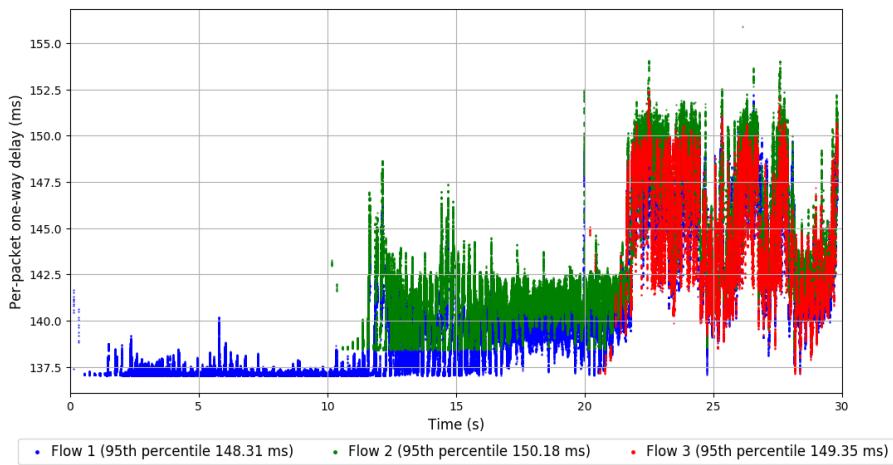
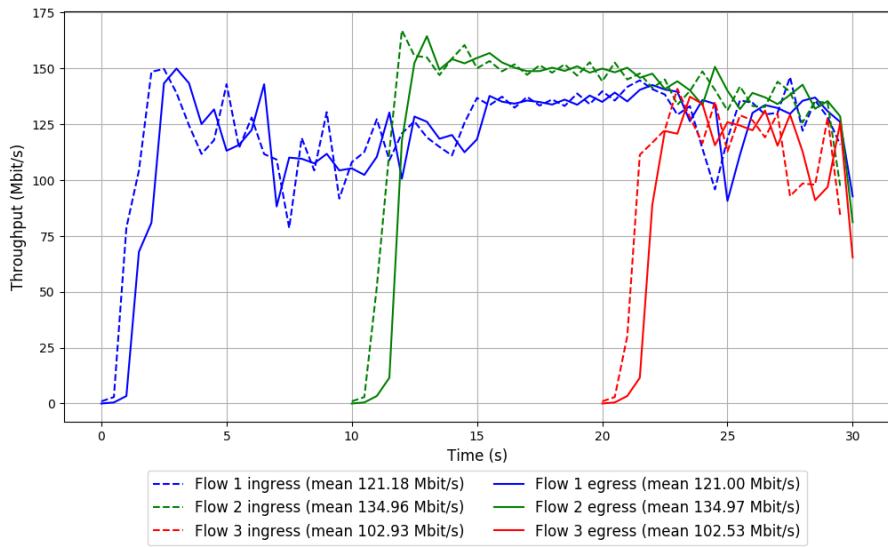


Run 8: Statistics of Indigo

```
Start at: 2018-07-25 11:38:06
End at: 2018-07-25 11:38:36
Local clock offset: 2.061 ms
Remote clock offset: -35.523 ms

# Below is generated by plot.py at 2018-07-25 13:30:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 243.67 Mbit/s
95th percentile per-packet one-way delay: 149.319 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 121.00 Mbit/s
95th percentile per-packet one-way delay: 148.311 ms
Loss rate: 0.87%
-- Flow 2:
Average throughput: 134.97 Mbit/s
95th percentile per-packet one-way delay: 150.182 ms
Loss rate: 1.06%
-- Flow 3:
Average throughput: 102.53 Mbit/s
95th percentile per-packet one-way delay: 149.351 ms
Loss rate: 2.47%
```

Run 8: Report of Indigo — Data Link

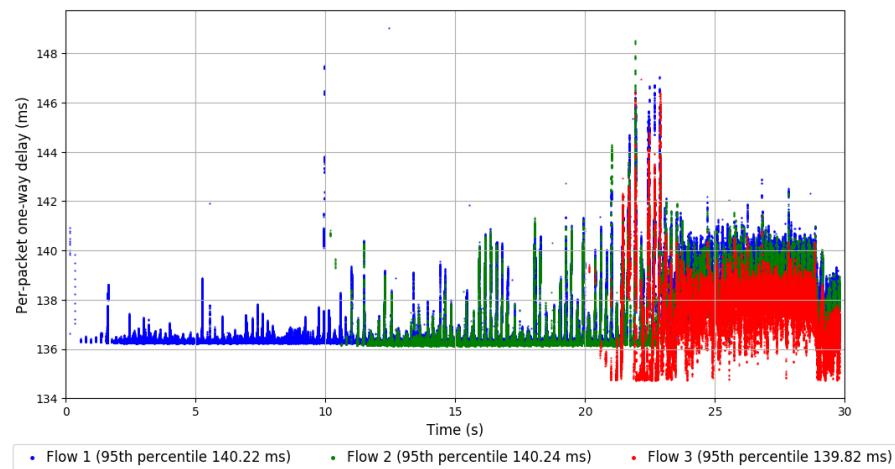
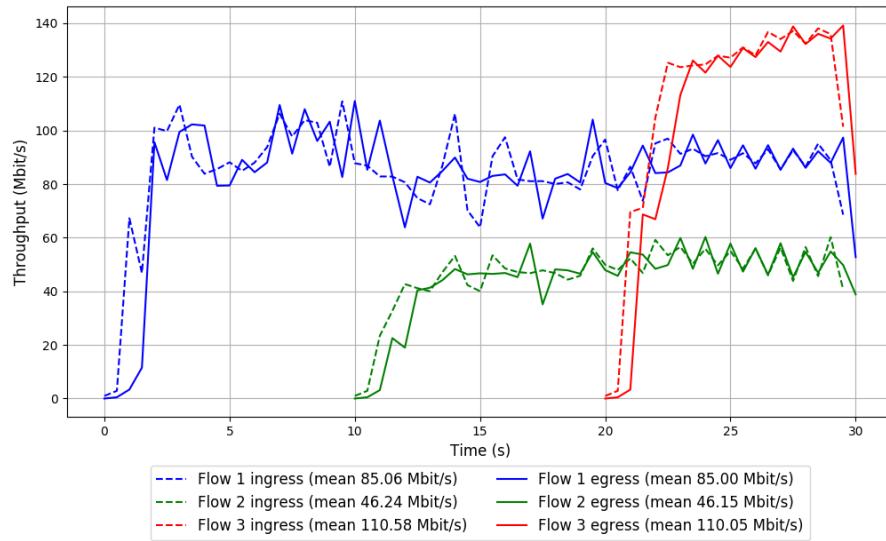


Run 9: Statistics of Indigo

```
Start at: 2018-07-25 12:19:47
End at: 2018-07-25 12:20:17
Local clock offset: 0.347 ms
Remote clock offset: -35.493 ms

# Below is generated by plot.py at 2018-07-25 13:30:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 151.25 Mbit/s
95th percentile per-packet one-way delay: 140.190 ms
Loss rate: 1.24%
-- Flow 1:
Average throughput: 85.00 Mbit/s
95th percentile per-packet one-way delay: 140.219 ms
Loss rate: 0.73%
-- Flow 2:
Average throughput: 46.15 Mbit/s
95th percentile per-packet one-way delay: 140.244 ms
Loss rate: 1.19%
-- Flow 3:
Average throughput: 110.05 Mbit/s
95th percentile per-packet one-way delay: 139.821 ms
Loss rate: 2.48%
```

Run 9: Report of Indigo — Data Link

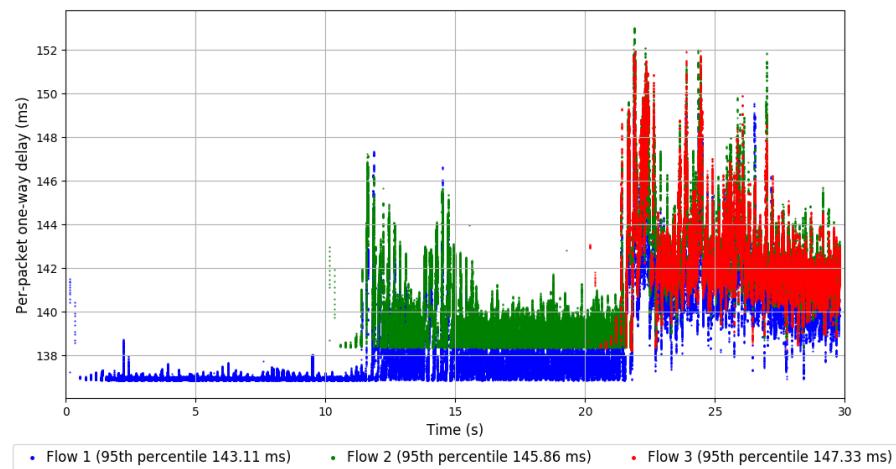
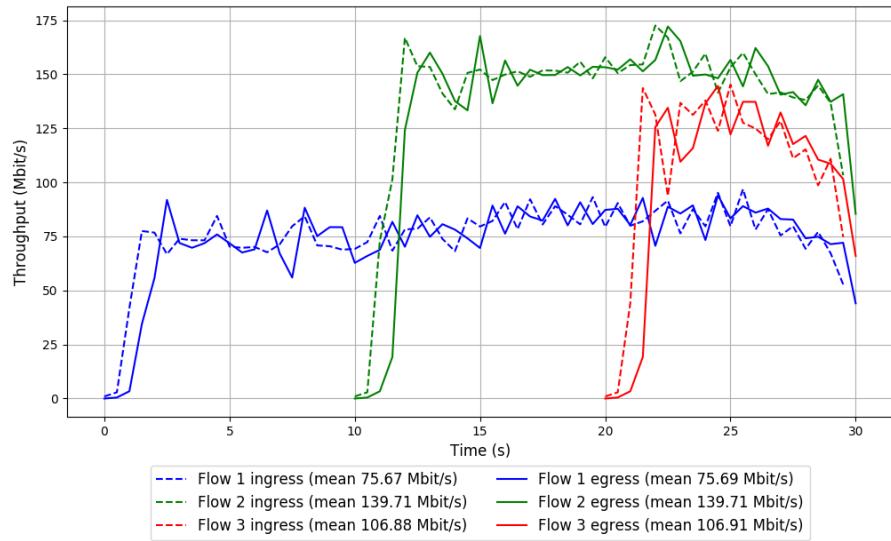


Run 10: Statistics of Indigo

```
Start at: 2018-07-25 12:55:39
End at: 2018-07-25 12:56:09
Local clock offset: 2.976 ms
Remote clock offset: -35.488 ms

# Below is generated by plot.py at 2018-07-25 13:31:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 203.02 Mbit/s
95th percentile per-packet one-way delay: 145.633 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 75.69 Mbit/s
95th percentile per-packet one-way delay: 143.106 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 139.71 Mbit/s
95th percentile per-packet one-way delay: 145.860 ms
Loss rate: 1.01%
-- Flow 3:
Average throughput: 106.91 Mbit/s
95th percentile per-packet one-way delay: 147.326 ms
Loss rate: 1.97%
```

Run 10: Report of Indigo — Data Link

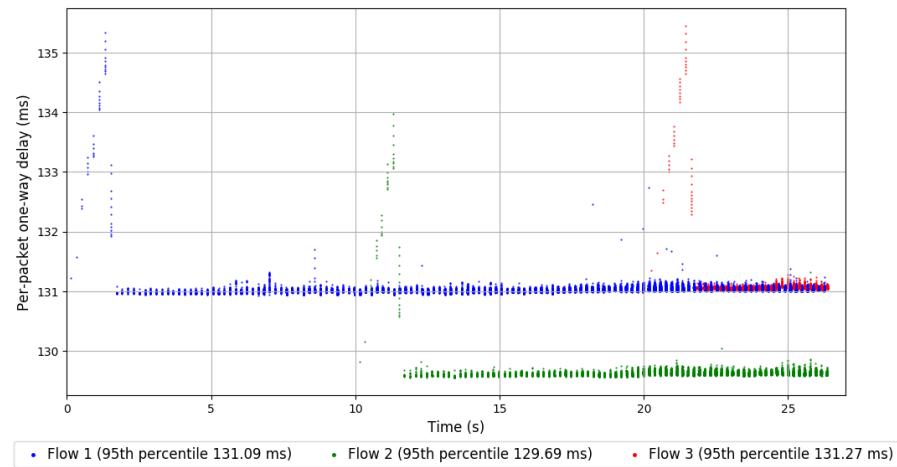
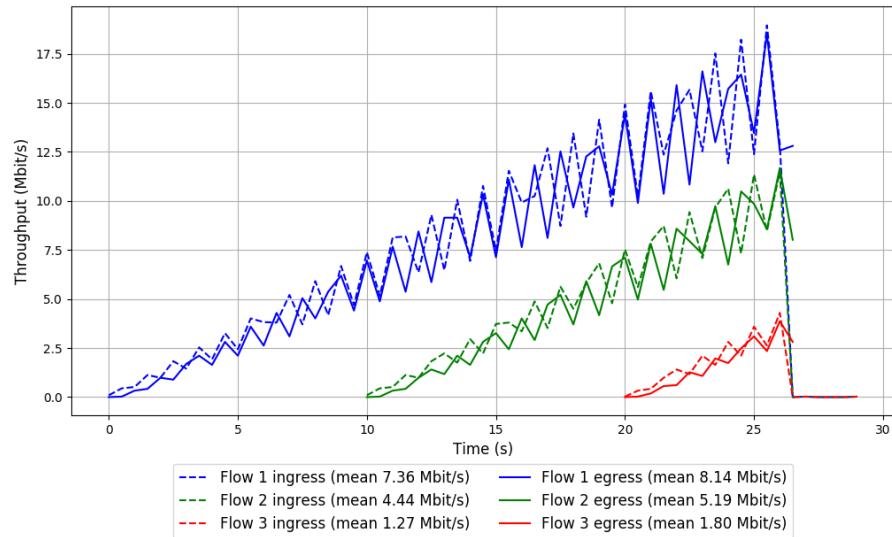


```
Run 1: Statistics of LEDBAT

Start at: 2018-07-25 07:39:28
End at: 2018-07-25 07:39:58
Local clock offset: 0.525 ms
Remote clock offset: -27.235 ms

# Below is generated by plot.py at 2018-07-25 13:31:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 11.74 Mbit/s
95th percentile per-packet one-way delay: 131.087 ms
Loss rate: 1.94%
-- Flow 1:
Average throughput: 8.14 Mbit/s
95th percentile per-packet one-way delay: 131.087 ms
Loss rate: 1.51%
-- Flow 2:
Average throughput: 5.19 Mbit/s
95th percentile per-packet one-way delay: 129.695 ms
Loss rate: 2.40%
-- Flow 3:
Average throughput: 1.80 Mbit/s
95th percentile per-packet one-way delay: 131.272 ms
Loss rate: 6.47%
```

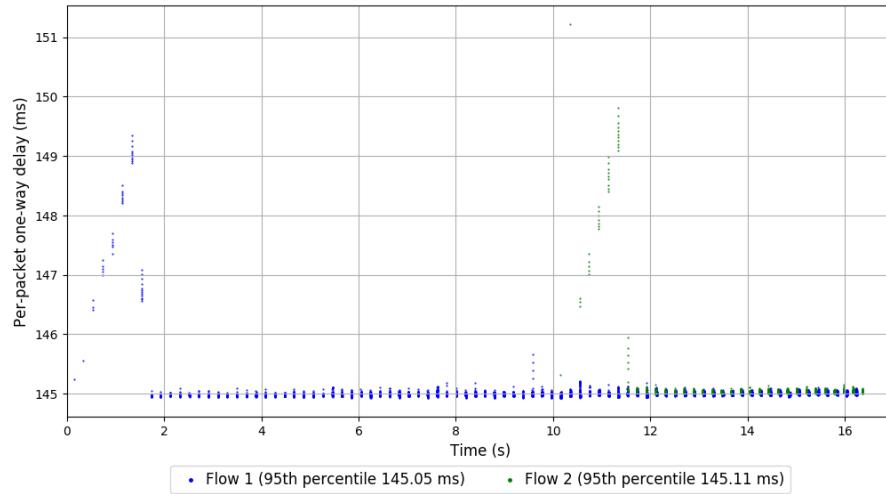
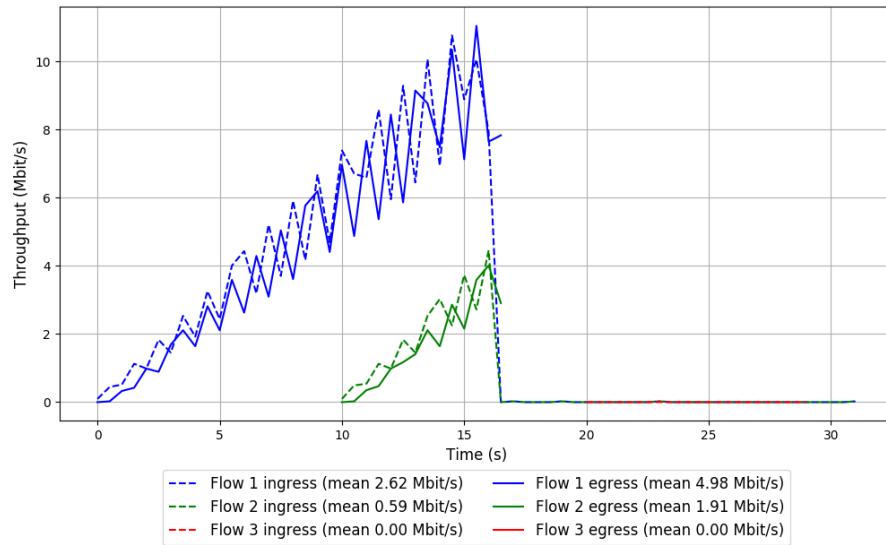
Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2018-07-25 08:09:38  
End at: 2018-07-25 08:10:08  
Local clock offset: 1.685 ms  
Remote clock offset: -36.828 ms

Run 2: Report of LEDBAT — Data Link

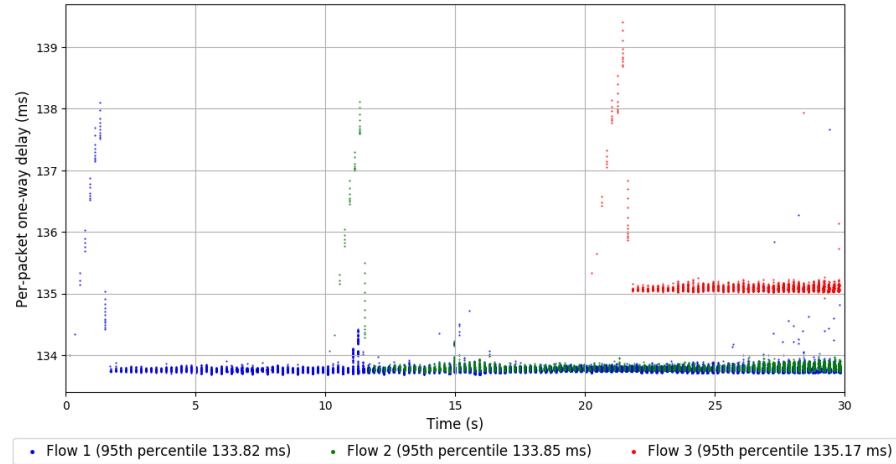
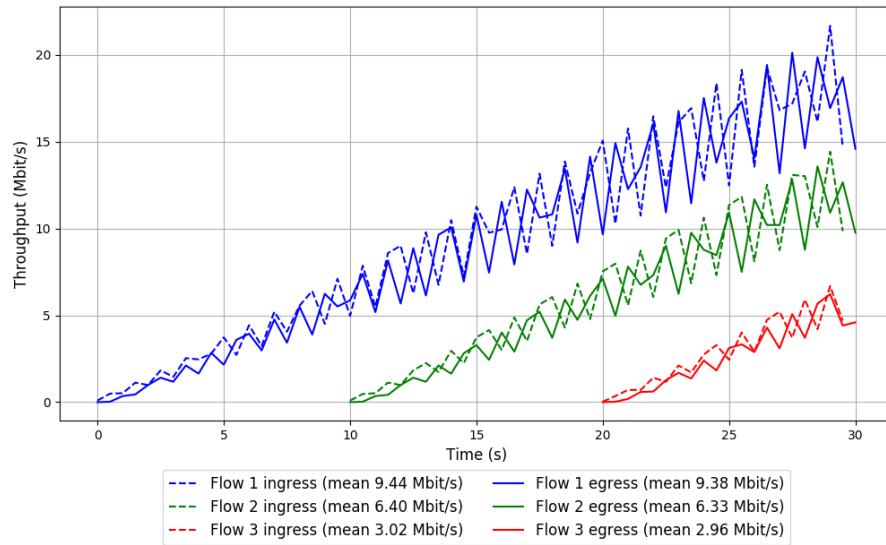


Run 3: Statistics of LEDBAT

```
Start at: 2018-07-25 08:45:30
End at: 2018-07-25 08:46:00
Local clock offset: -0.023 ms
Remote clock offset: -28.306 ms

# Below is generated by plot.py at 2018-07-25 13:31:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 14.53 Mbit/s
95th percentile per-packet one-way delay: 135.059 ms
Loss rate: 1.67%
-- Flow 1:
Average throughput: 9.38 Mbit/s
95th percentile per-packet one-way delay: 133.822 ms
Loss rate: 1.30%
-- Flow 2:
Average throughput: 6.33 Mbit/s
95th percentile per-packet one-way delay: 133.847 ms
Loss rate: 1.95%
-- Flow 3:
Average throughput: 2.96 Mbit/s
95th percentile per-packet one-way delay: 135.171 ms
Loss rate: 4.04%
```

Run 3: Report of LEDBAT — Data Link

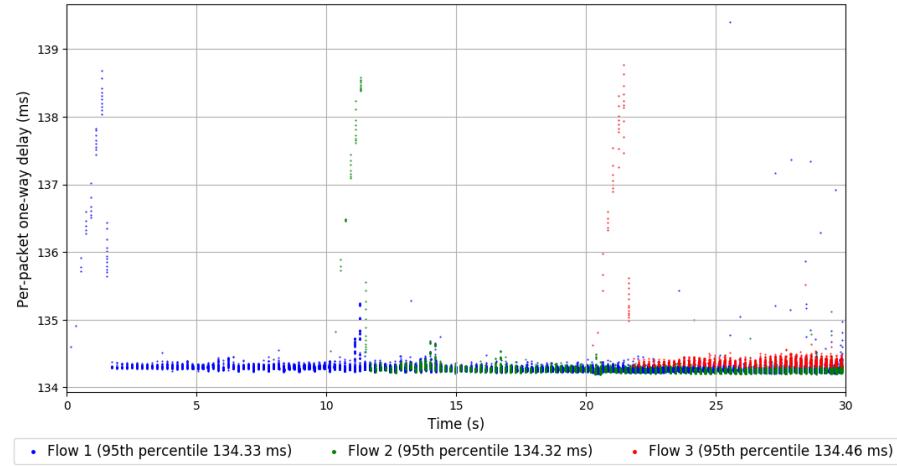
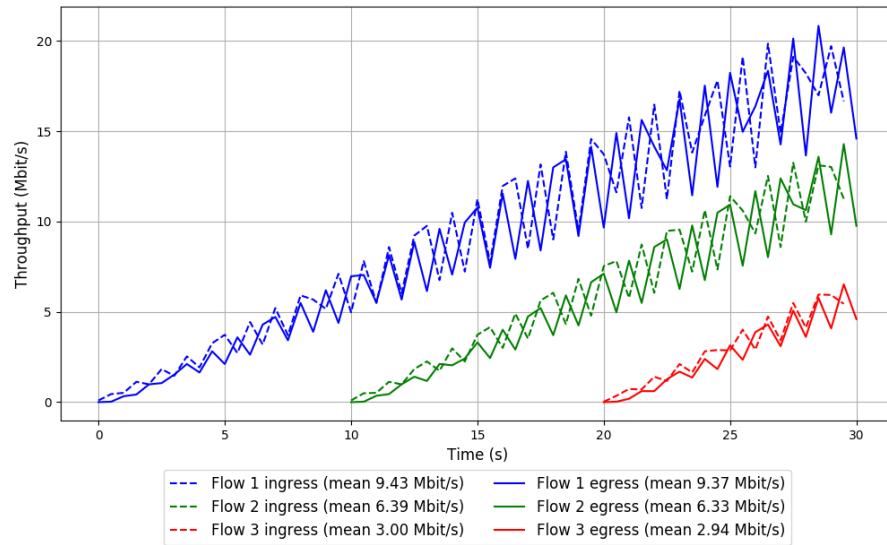


Run 4: Statistics of LEDBAT

```
Start at: 2018-07-25 09:20:57
End at: 2018-07-25 09:21:27
Local clock offset: 0.899 ms
Remote clock offset: -28.67 ms

# Below is generated by plot.py at 2018-07-25 13:31:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 14.51 Mbit/s
95th percentile per-packet one-way delay: 134.365 ms
Loss rate: 1.67%
-- Flow 1:
Average throughput: 9.37 Mbit/s
95th percentile per-packet one-way delay: 134.334 ms
Loss rate: 1.31%
-- Flow 2:
Average throughput: 6.33 Mbit/s
95th percentile per-packet one-way delay: 134.325 ms
Loss rate: 1.95%
-- Flow 3:
Average throughput: 2.94 Mbit/s
95th percentile per-packet one-way delay: 134.457 ms
Loss rate: 4.03%
```

Run 4: Report of LEDBAT — Data Link

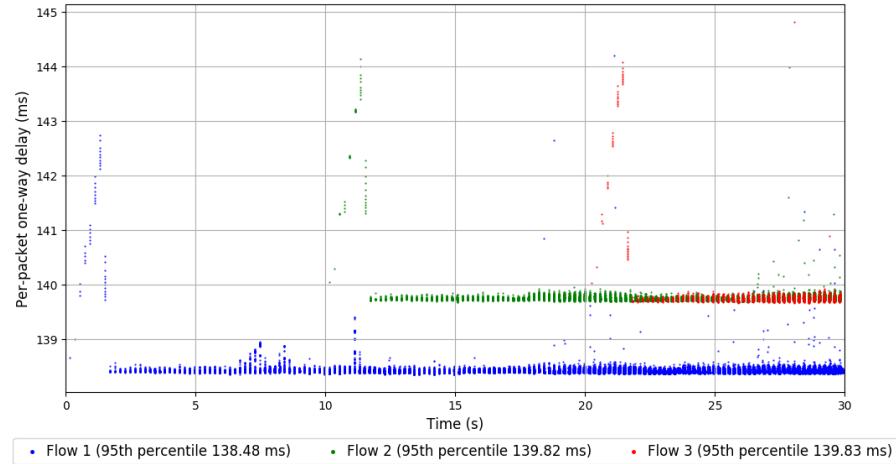
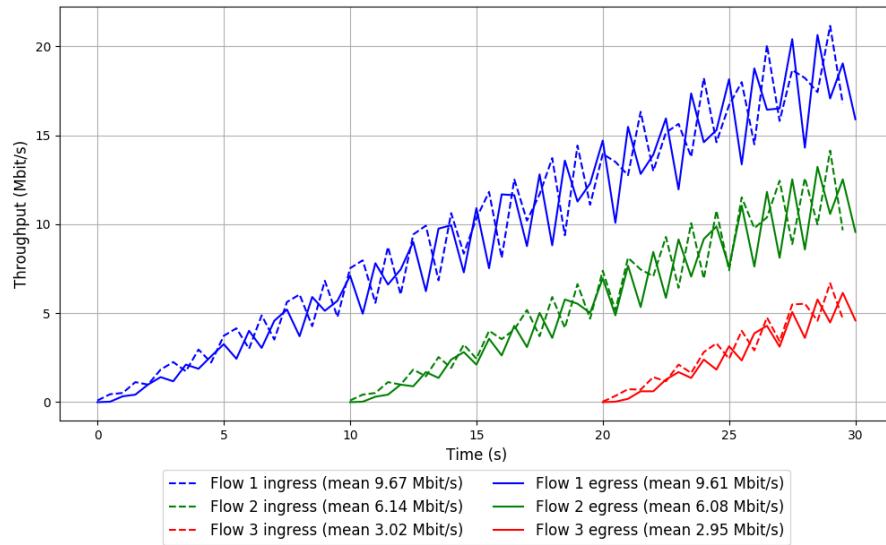


Run 5: Statistics of LEDBAT

```
Start at: 2018-07-25 09:56:54
End at: 2018-07-25 09:57:24
Local clock offset: 1.697 ms
Remote clock offset: -34.562 ms

# Below is generated by plot.py at 2018-07-25 13:31:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 14.57 Mbit/s
95th percentile per-packet one-way delay: 139.782 ms
Loss rate: 1.66%
-- Flow 1:
Average throughput: 9.61 Mbit/s
95th percentile per-packet one-way delay: 138.483 ms
Loss rate: 1.29%
-- Flow 2:
Average throughput: 6.08 Mbit/s
95th percentile per-packet one-way delay: 139.816 ms
Loss rate: 1.99%
-- Flow 3:
Average throughput: 2.95 Mbit/s
95th percentile per-packet one-way delay: 139.829 ms
Loss rate: 4.03%
```

Run 5: Report of LEDBAT — Data Link

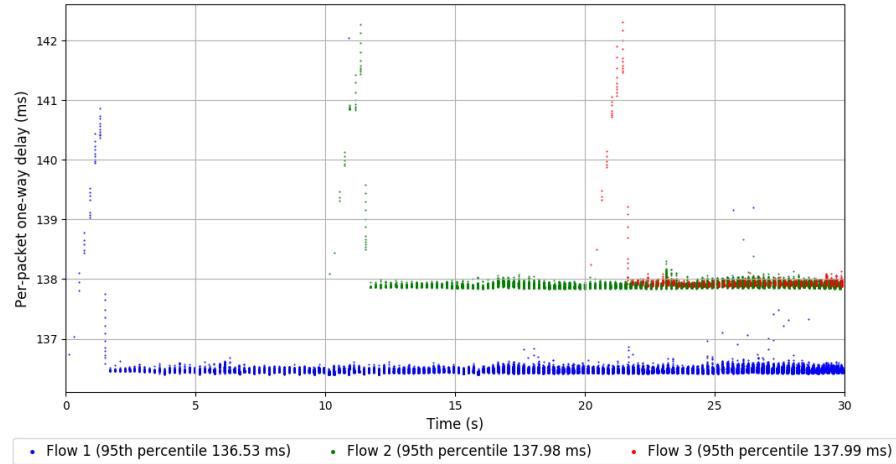
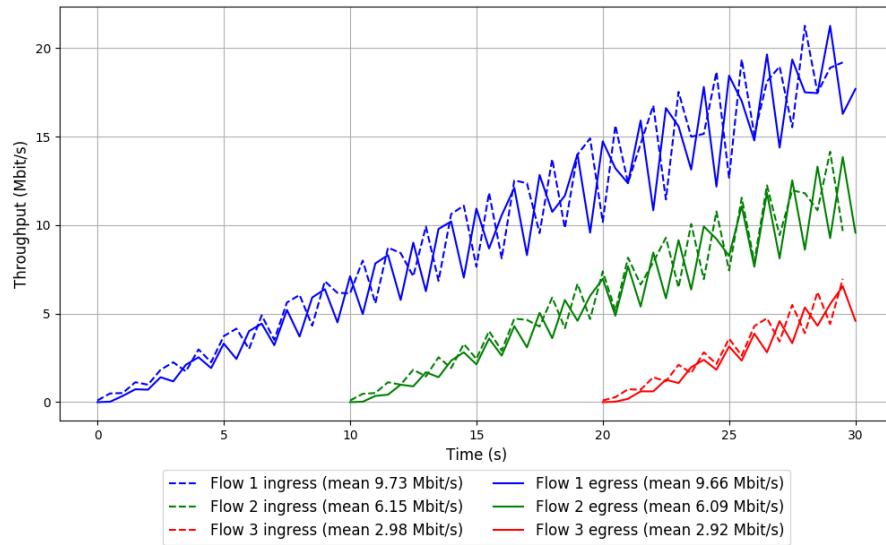


Run 6: Statistics of LEDBAT

```
Start at: 2018-07-25 10:30:53
End at: 2018-07-25 10:31:23
Local clock offset: -0.102 ms
Remote clock offset: -36.145 ms

# Below is generated by plot.py at 2018-07-25 13:31:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 14.63 Mbit/s
95th percentile per-packet one-way delay: 137.944 ms
Loss rate: 1.66%
-- Flow 1:
Average throughput: 9.66 Mbit/s
95th percentile per-packet one-way delay: 136.533 ms
Loss rate: 1.28%
-- Flow 2:
Average throughput: 6.09 Mbit/s
95th percentile per-packet one-way delay: 137.976 ms
Loss rate: 1.99%
-- Flow 3:
Average throughput: 2.92 Mbit/s
95th percentile per-packet one-way delay: 137.993 ms
Loss rate: 4.03%
```

Run 6: Report of LEDBAT — Data Link

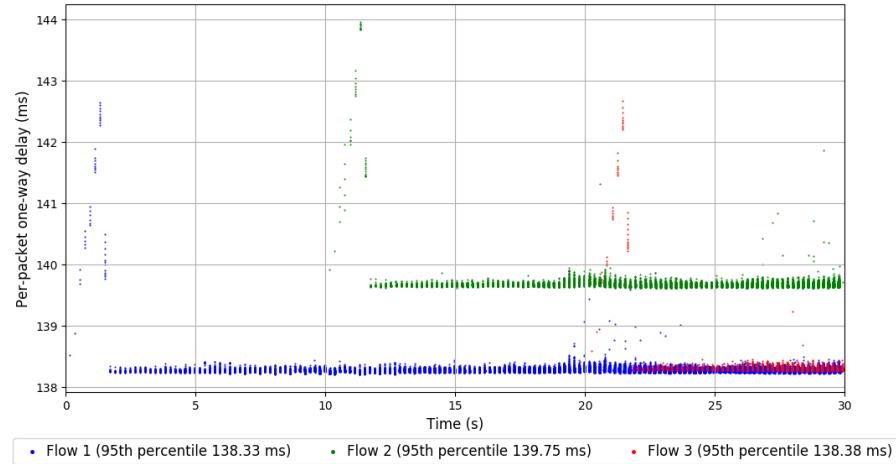
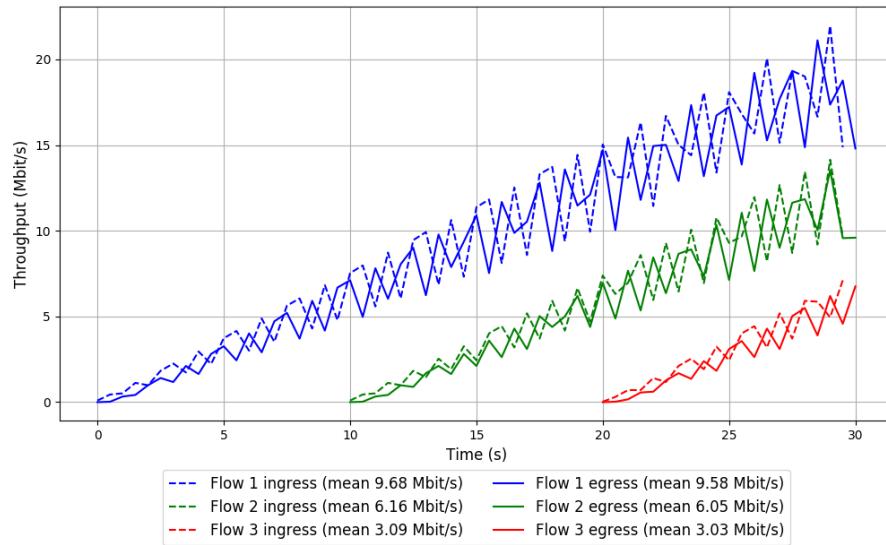


Run 7: Statistics of LEDBAT

```
Start at: 2018-07-25 10:55:24
End at: 2018-07-25 10:55:54
Local clock offset: -0.491 ms
Remote clock offset: -38.987 ms

# Below is generated by plot.py at 2018-07-25 13:31:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 14.58 Mbit/s
95th percentile per-packet one-way delay: 139.704 ms
Loss rate: 1.66%
-- Flow 1:
Average throughput: 9.58 Mbit/s
95th percentile per-packet one-way delay: 138.334 ms
Loss rate: 1.29%
-- Flow 2:
Average throughput: 6.05 Mbit/s
95th percentile per-packet one-way delay: 139.748 ms
Loss rate: 1.98%
-- Flow 3:
Average throughput: 3.03 Mbit/s
95th percentile per-packet one-way delay: 138.382 ms
Loss rate: 3.97%
```

Run 7: Report of LEDBAT — Data Link

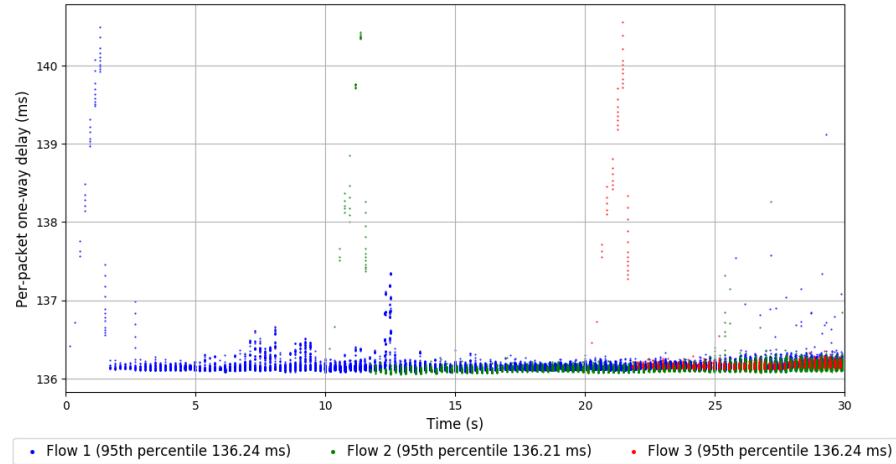
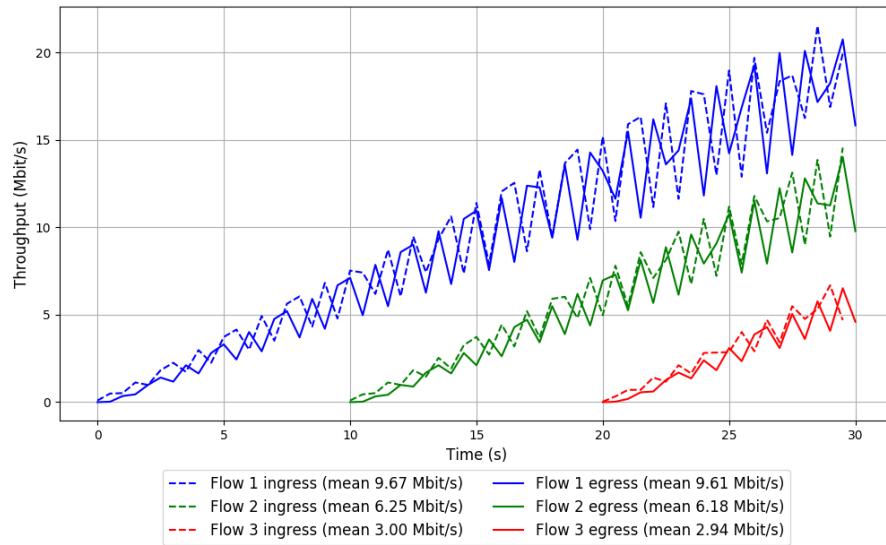


Run 8: Statistics of LEDBAT

```
Start at: 2018-07-25 11:25:35
End at: 2018-07-25 11:26:05
Local clock offset: 0.078 ms
Remote clock offset: -36.945 ms

# Below is generated by plot.py at 2018-07-25 13:31:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 14.66 Mbit/s
95th percentile per-packet one-way delay: 136.232 ms
Loss rate: 1.66%
-- Flow 1:
Average throughput: 9.61 Mbit/s
95th percentile per-packet one-way delay: 136.241 ms
Loss rate: 1.29%
-- Flow 2:
Average throughput: 6.18 Mbit/s
95th percentile per-packet one-way delay: 136.209 ms
Loss rate: 1.97%
-- Flow 3:
Average throughput: 2.94 Mbit/s
95th percentile per-packet one-way delay: 136.235 ms
Loss rate: 4.04%
```

Run 8: Report of LEDBAT — Data Link

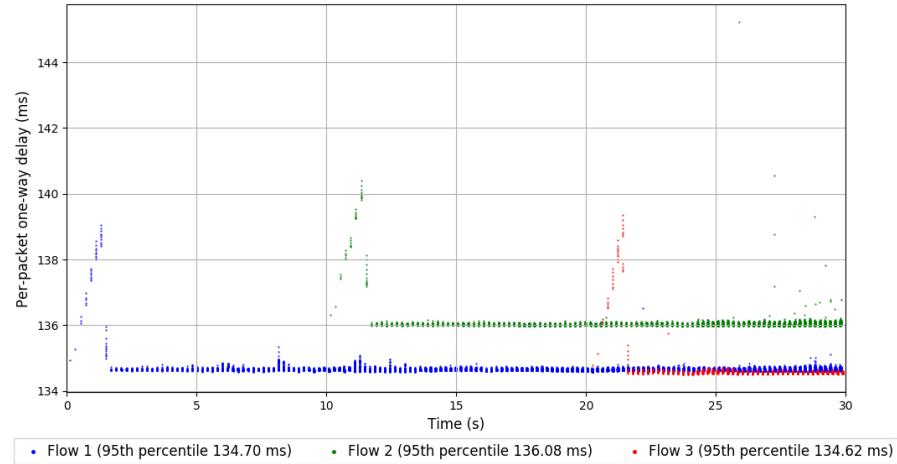
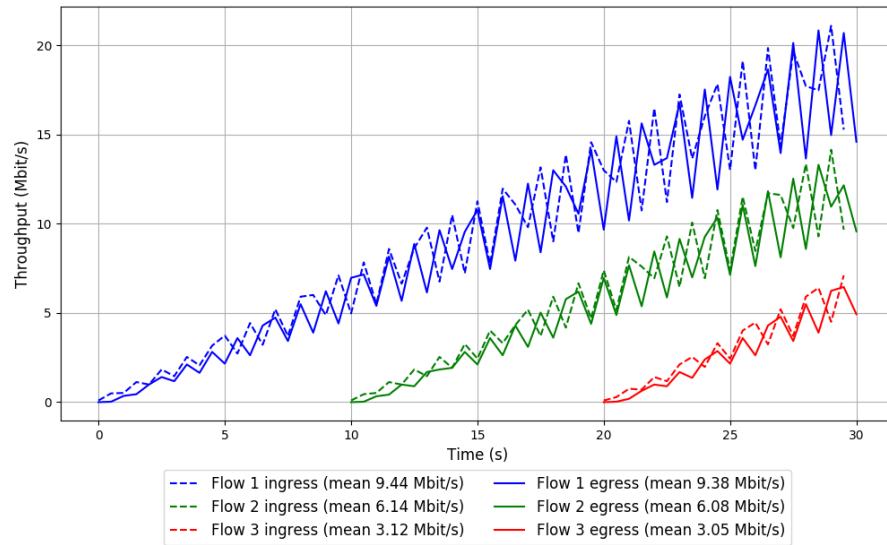


Run 9: Statistics of LEDBAT

```
Start at: 2018-07-25 12:07:18
End at: 2018-07-25 12:07:48
Local clock offset: 2.206 ms
Remote clock offset: -33.09 ms

# Below is generated by plot.py at 2018-07-25 13:31:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 14.37 Mbit/s
95th percentile per-packet one-way delay: 136.047 ms
Loss rate: 1.68%
-- Flow 1:
Average throughput: 9.38 Mbit/s
95th percentile per-packet one-way delay: 134.698 ms
Loss rate: 1.31%
-- Flow 2:
Average throughput: 6.08 Mbit/s
95th percentile per-packet one-way delay: 136.084 ms
Loss rate: 1.99%
-- Flow 3:
Average throughput: 3.05 Mbit/s
95th percentile per-packet one-way delay: 134.625 ms
Loss rate: 3.94%
```

Run 9: Report of LEDBAT — Data Link

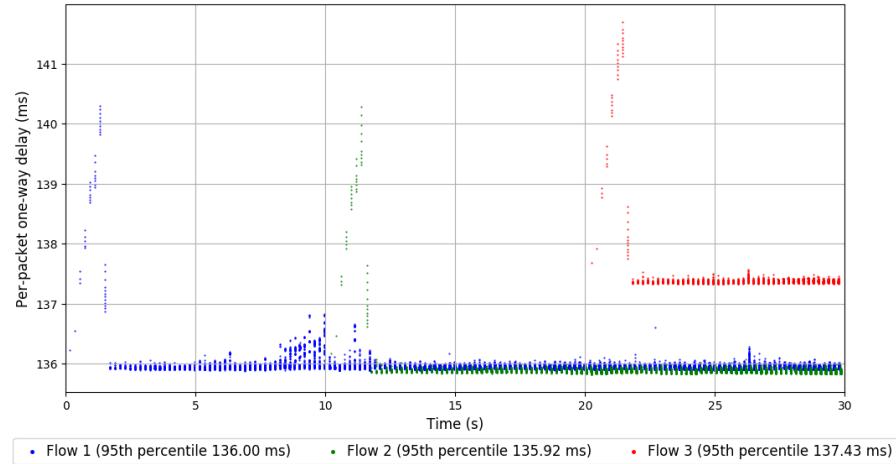
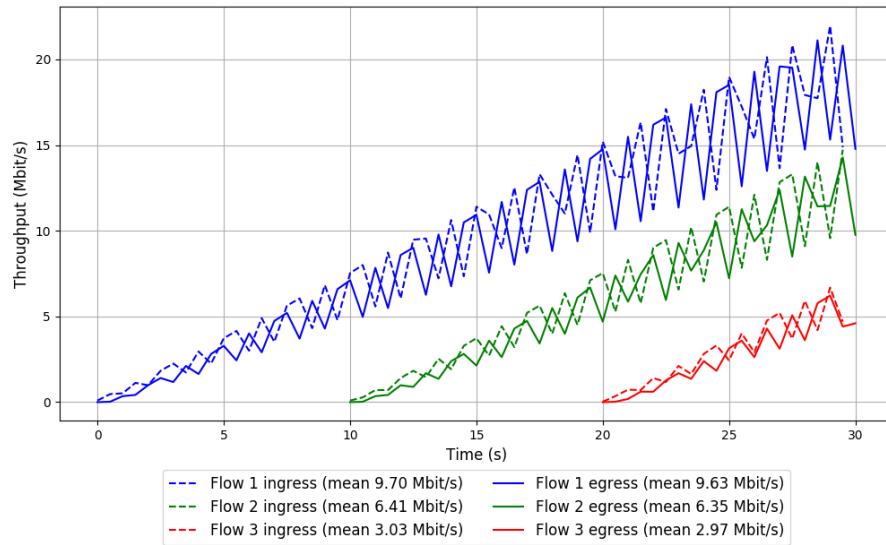


Run 10: Statistics of LEDBAT

```
Start at: 2018-07-25 12:31:40
End at: 2018-07-25 12:32:10
Local clock offset: 2.332 ms
Remote clock offset: -34.678 ms

# Below is generated by plot.py at 2018-07-25 13:31:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 14.76 Mbit/s
95th percentile per-packet one-way delay: 137.354 ms
Loss rate: 1.66%
-- Flow 1:
Average throughput: 9.63 Mbit/s
95th percentile per-packet one-way delay: 136.002 ms
Loss rate: 1.29%
-- Flow 2:
Average throughput: 6.35 Mbit/s
95th percentile per-packet one-way delay: 135.923 ms
Loss rate: 1.95%
-- Flow 3:
Average throughput: 2.97 Mbit/s
95th percentile per-packet one-way delay: 137.426 ms
Loss rate: 4.03%
```

Run 10: Report of LEDBAT — Data Link

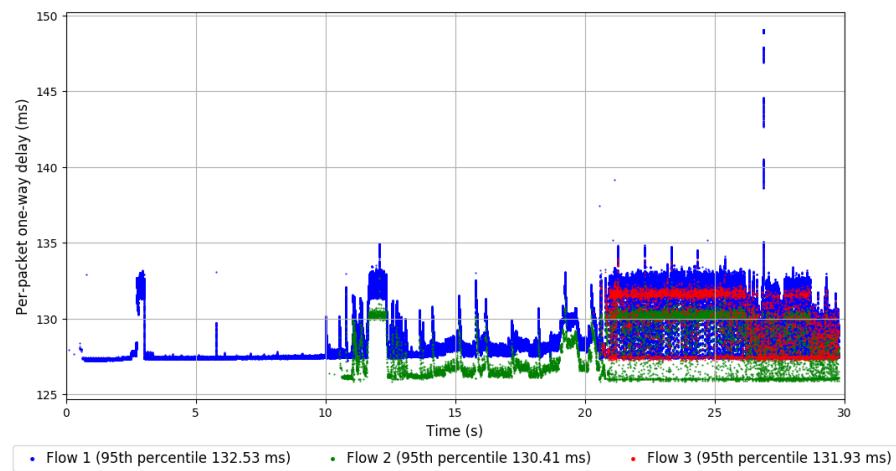
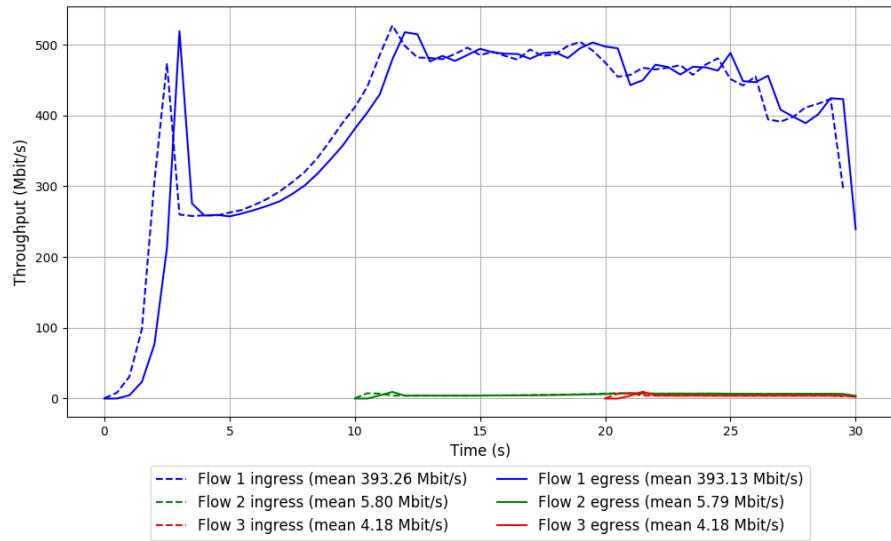


```
Run 1: Statistics of PCC-Allegro

Start at: 2018-07-25 07:52:03
End at: 2018-07-25 07:52:33
Local clock offset: -1.806 ms
Remote clock offset: -24.578 ms

# Below is generated by plot.py at 2018-07-25 13:34:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 398.32 Mbit/s
95th percentile per-packet one-way delay: 132.530 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 393.13 Mbit/s
95th percentile per-packet one-way delay: 132.533 ms
Loss rate: 0.70%
-- Flow 2:
Average throughput: 5.79 Mbit/s
95th percentile per-packet one-way delay: 130.406 ms
Loss rate: 1.11%
-- Flow 3:
Average throughput: 4.18 Mbit/s
95th percentile per-packet one-way delay: 131.926 ms
Loss rate: 1.85%
```

Run 1: Report of PCC-Allegro — Data Link

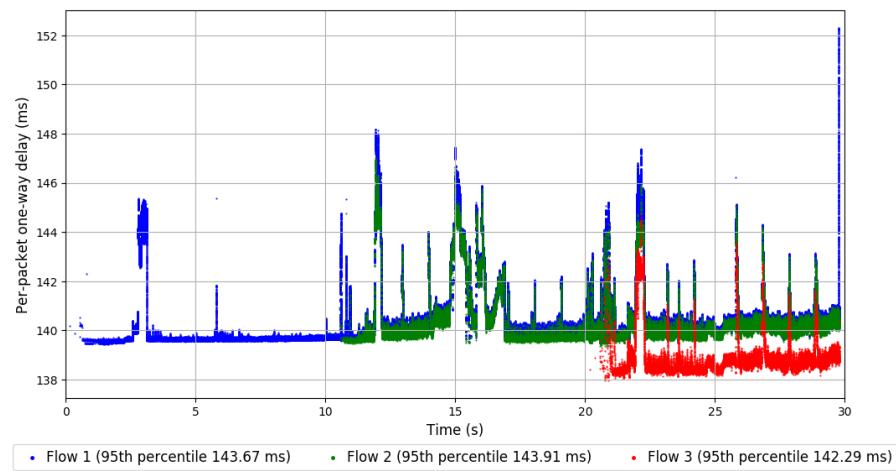
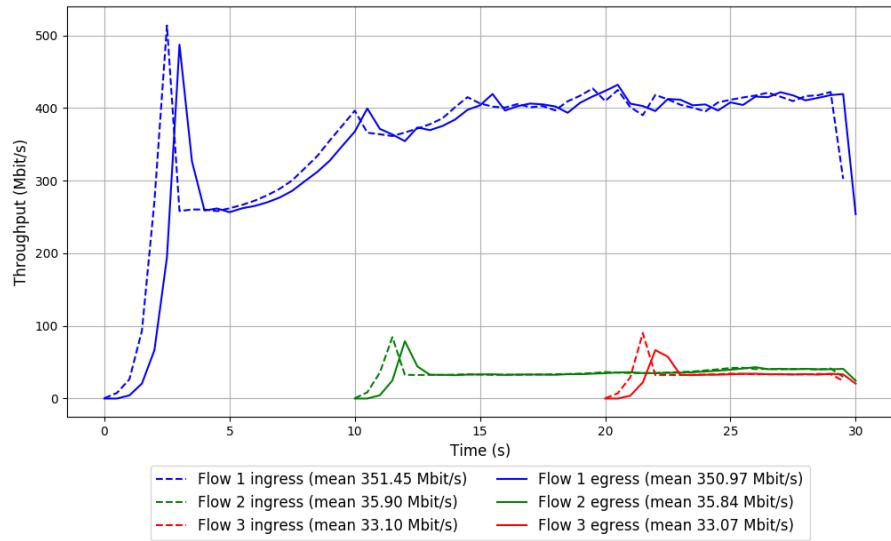


Run 2: Statistics of PCC-Allegro

```
Start at: 2018-07-25 08:22:00
End at: 2018-07-25 08:22:30
Local clock offset: -2.152 ms
Remote clock offset: -34.639 ms

# Below is generated by plot.py at 2018-07-25 13:34:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 385.43 Mbit/s
95th percentile per-packet one-way delay: 143.638 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 350.97 Mbit/s
95th percentile per-packet one-way delay: 143.671 ms
Loss rate: 0.80%
-- Flow 2:
Average throughput: 35.84 Mbit/s
95th percentile per-packet one-way delay: 143.914 ms
Loss rate: 1.17%
-- Flow 3:
Average throughput: 33.07 Mbit/s
95th percentile per-packet one-way delay: 142.288 ms
Loss rate: 2.07%
```

Run 2: Report of PCC-Allegro — Data Link

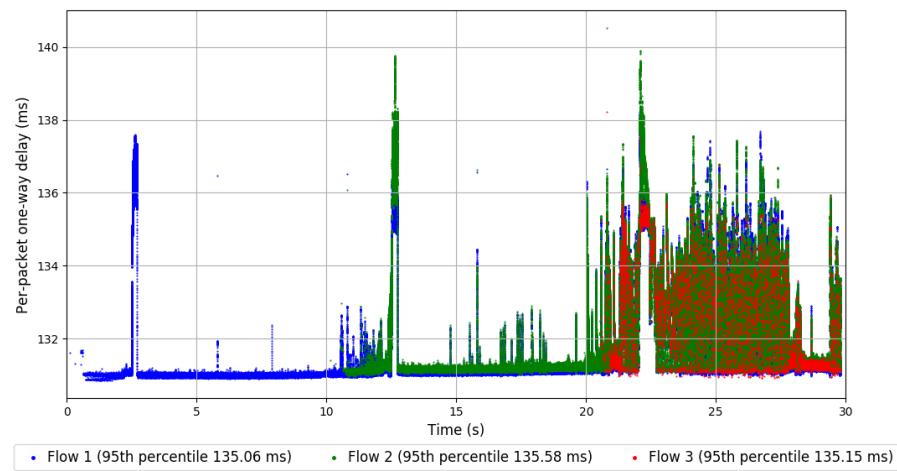
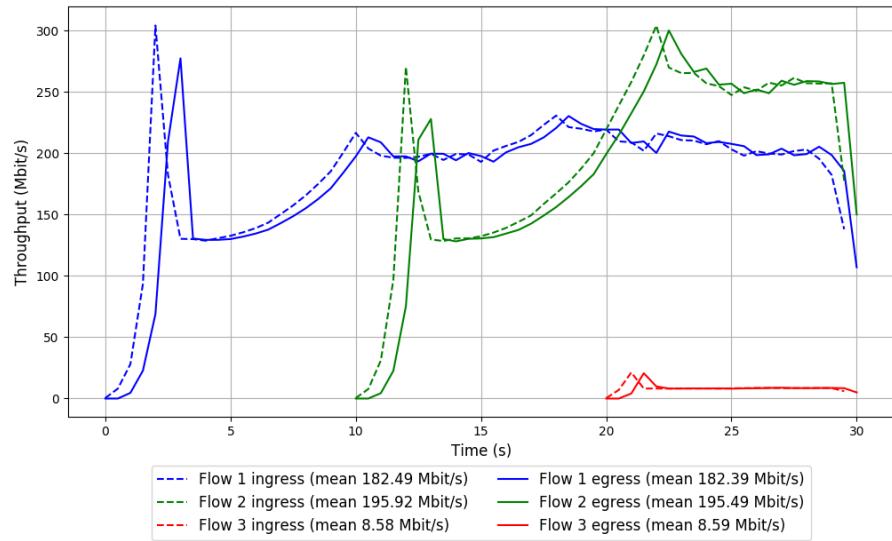


Run 3: Statistics of PCC-Allegro

```
Start at: 2018-07-25 08:52:20
End at: 2018-07-25 08:52:50
Local clock offset: 0.974 ms
Remote clock offset: -24.681 ms

# Below is generated by plot.py at 2018-07-25 13:34:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 314.66 Mbit/s
95th percentile per-packet one-way delay: 135.196 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 182.39 Mbit/s
95th percentile per-packet one-way delay: 135.060 ms
Loss rate: 0.71%
-- Flow 2:
Average throughput: 195.49 Mbit/s
95th percentile per-packet one-way delay: 135.580 ms
Loss rate: 1.23%
-- Flow 3:
Average throughput: 8.59 Mbit/s
95th percentile per-packet one-way delay: 135.147 ms
Loss rate: 1.93%
```

Run 3: Report of PCC-Allegro — Data Link

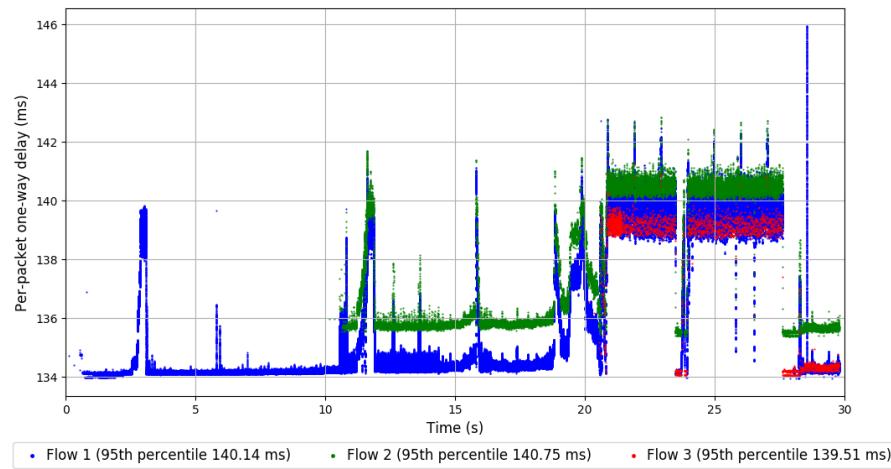
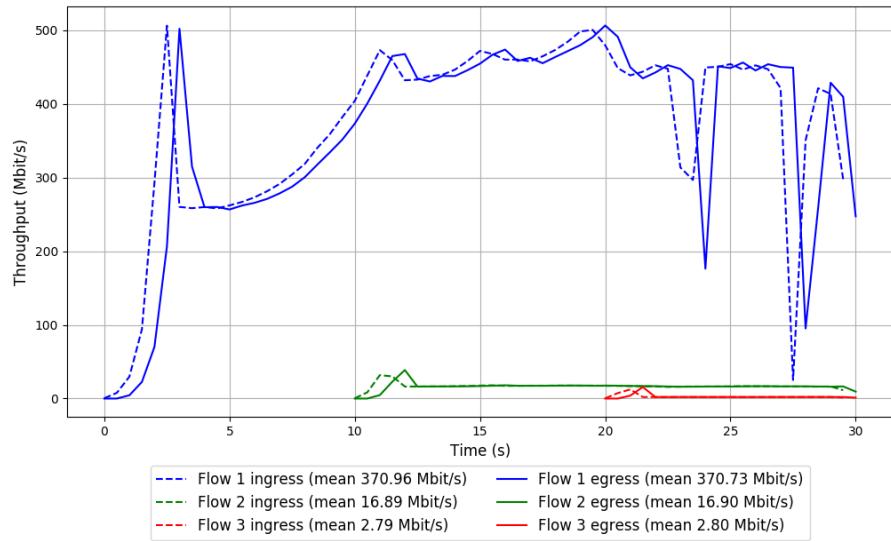


Run 4: Statistics of PCC-Allegro

```
Start at: 2018-07-25 09:27:53
End at: 2018-07-25 09:28:23
Local clock offset: -0.968 ms
Remote clock offset: -31.146 ms

# Below is generated by plot.py at 2018-07-25 13:34:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 382.82 Mbit/s
95th percentile per-packet one-way delay: 140.171 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 370.73 Mbit/s
95th percentile per-packet one-way delay: 140.137 ms
Loss rate: 0.74%
-- Flow 2:
Average throughput: 16.90 Mbit/s
95th percentile per-packet one-way delay: 140.745 ms
Loss rate: 0.95%
-- Flow 3:
Average throughput: 2.80 Mbit/s
95th percentile per-packet one-way delay: 139.508 ms
Loss rate: 1.50%
```

Run 4: Report of PCC-Allegro — Data Link

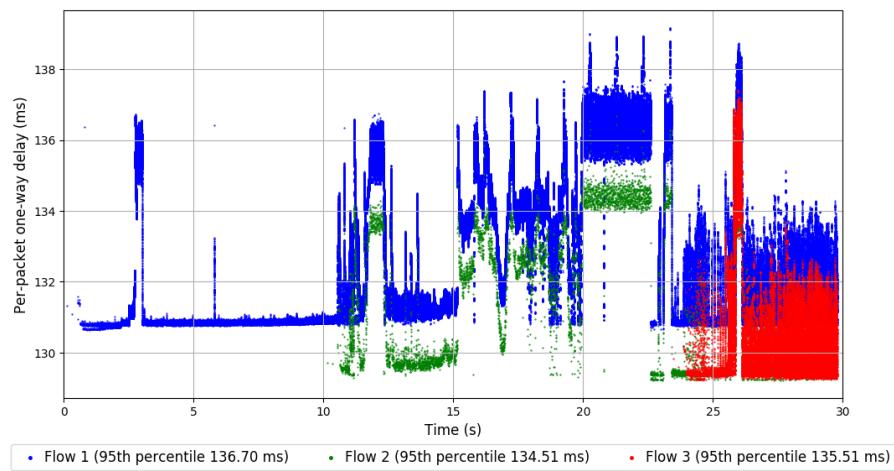
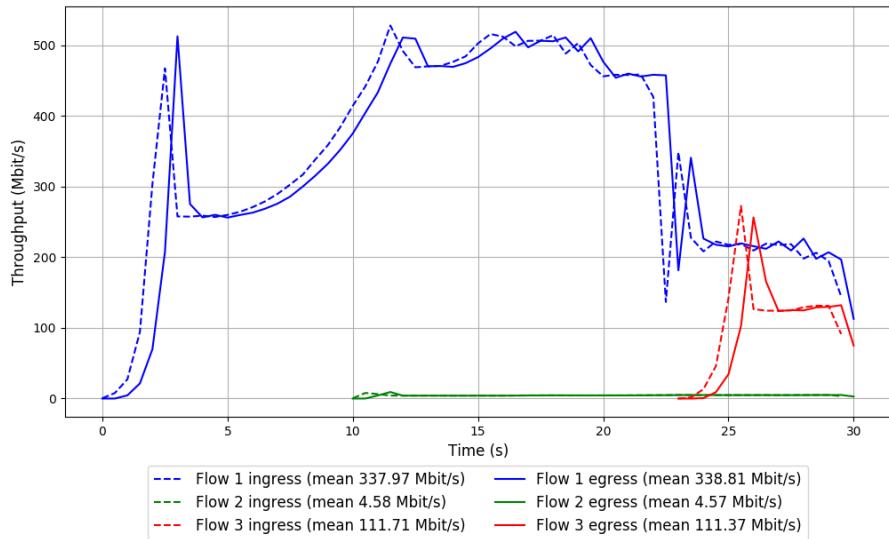


Run 5: Statistics of PCC-Allegro

```
Start at: 2018-07-25 10:03:40
End at: 2018-07-25 10:04:10
Local clock offset: 0.143 ms
Remote clock offset: -27.462 ms

# Below is generated by plot.py at 2018-07-25 13:34:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 365.56 Mbit/s
95th percentile per-packet one-way delay: 136.665 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 338.81 Mbit/s
95th percentile per-packet one-way delay: 136.696 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 4.57 Mbit/s
95th percentile per-packet one-way delay: 134.514 ms
Loss rate: 1.06%
-- Flow 3:
Average throughput: 111.37 Mbit/s
95th percentile per-packet one-way delay: 135.507 ms
Loss rate: 3.44%
```

Run 5: Report of PCC-Allegro — Data Link

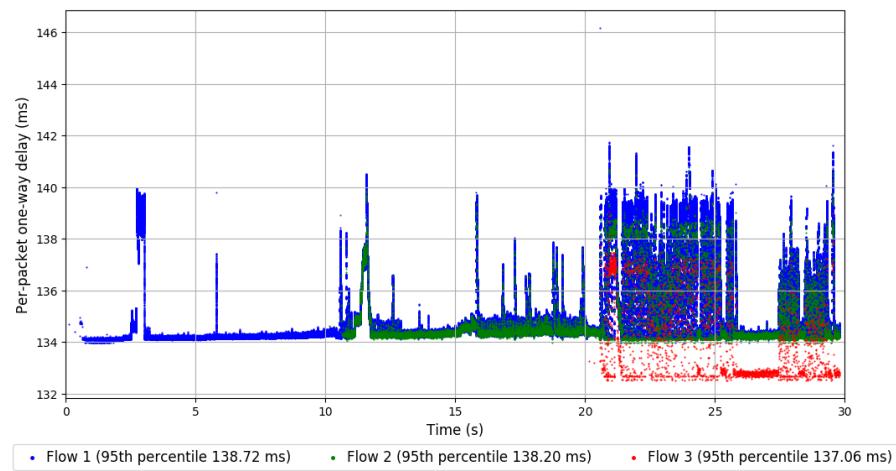
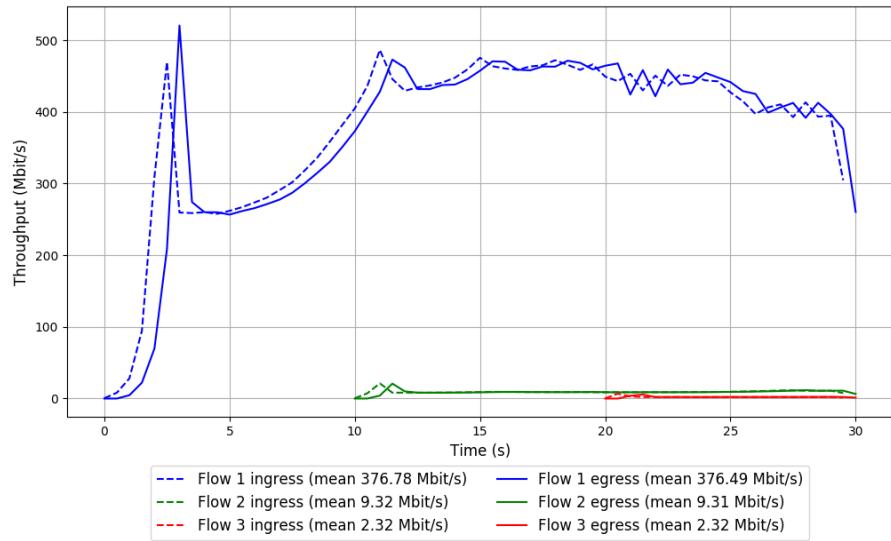


Run 6: Statistics of PCC-Allegro

```
Start at: 2018-07-25 10:37:47
End at: 2018-07-25 10:38:17
Local clock offset: 0.094 ms
Remote clock offset: -32.375 ms

# Below is generated by plot.py at 2018-07-25 13:34:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 383.40 Mbit/s
95th percentile per-packet one-way delay: 138.707 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 376.49 Mbit/s
95th percentile per-packet one-way delay: 138.722 ms
Loss rate: 0.74%
-- Flow 2:
Average throughput: 9.31 Mbit/s
95th percentile per-packet one-way delay: 138.203 ms
Loss rate: 1.13%
-- Flow 3:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 137.061 ms
Loss rate: 1.81%
```

Run 6: Report of PCC-Allegro — Data Link

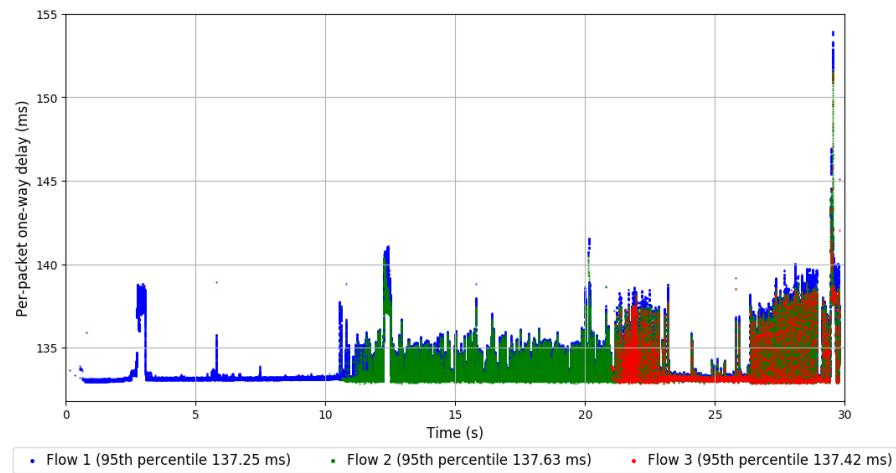
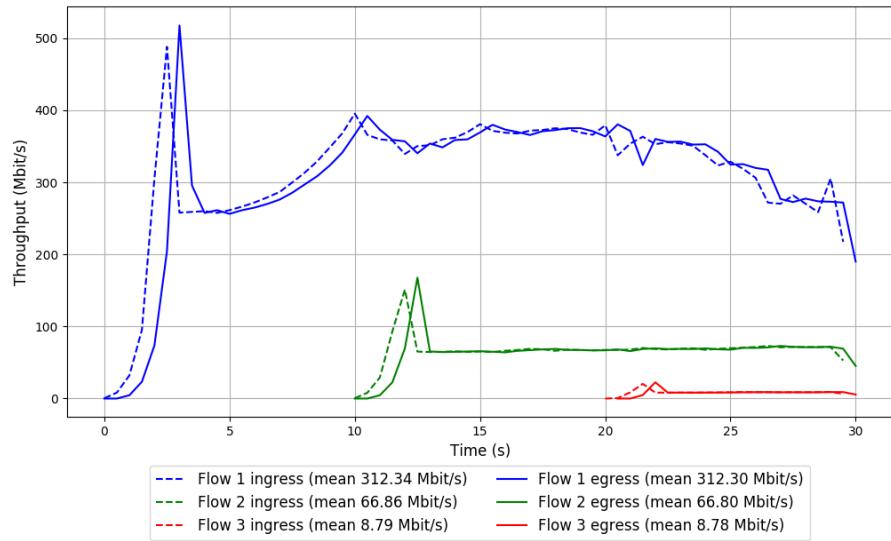


Run 7: Statistics of PCC-Allegro

```
Start at: 2018-07-25 11:02:26
End at: 2018-07-25 11:02:56
Local clock offset: -0.222 ms
Remote clock offset: -33.677 ms

# Below is generated by plot.py at 2018-07-25 13:34:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 359.28 Mbit/s
95th percentile per-packet one-way delay: 137.336 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 312.30 Mbit/s
95th percentile per-packet one-way delay: 137.252 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 66.80 Mbit/s
95th percentile per-packet one-way delay: 137.626 ms
Loss rate: 1.08%
-- Flow 3:
Average throughput: 8.78 Mbit/s
95th percentile per-packet one-way delay: 137.424 ms
Loss rate: 2.11%
```

Run 7: Report of PCC-Allegro — Data Link

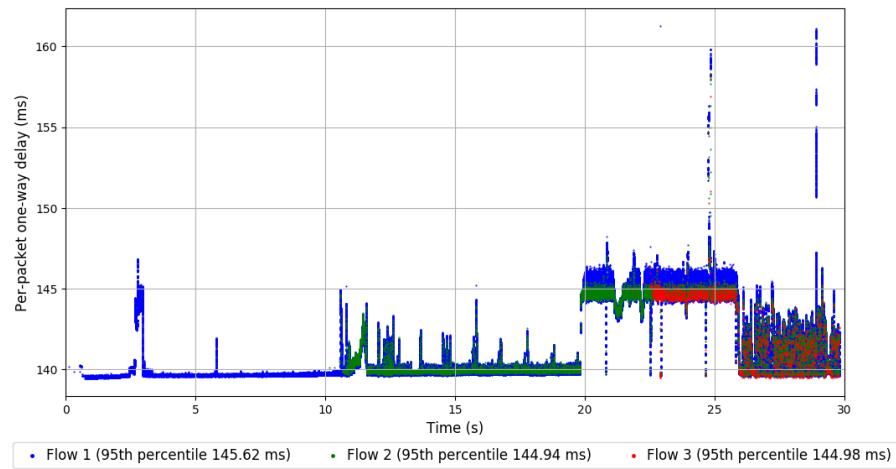
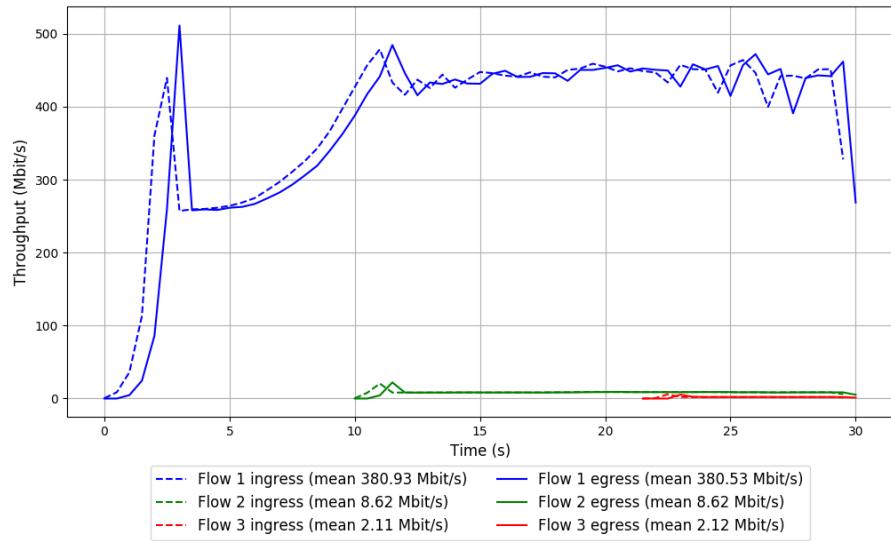


Run 8: Statistics of PCC-Allegro

```
Start at: 2018-07-25 11:32:29
End at: 2018-07-25 11:32:59
Local clock offset: -0.333 ms
Remote clock offset: -39.257 ms

# Below is generated by plot.py at 2018-07-25 13:35:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 386.81 Mbit/s
95th percentile per-packet one-way delay: 145.618 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 380.53 Mbit/s
95th percentile per-packet one-way delay: 145.622 ms
Loss rate: 0.80%
-- Flow 2:
Average throughput: 8.62 Mbit/s
95th percentile per-packet one-way delay: 144.939 ms
Loss rate: 0.96%
-- Flow 3:
Average throughput: 2.12 Mbit/s
95th percentile per-packet one-way delay: 144.978 ms
Loss rate: 2.31%
```

Run 8: Report of PCC-Allegro — Data Link

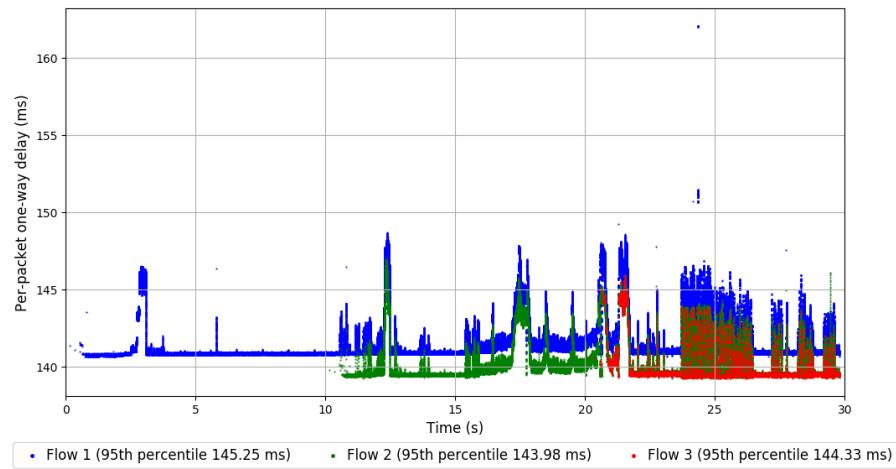
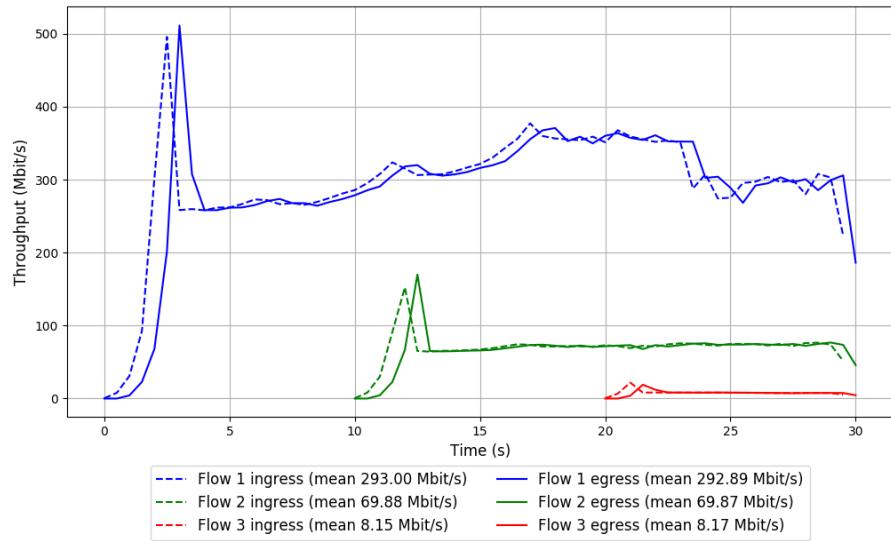


Run 9: Statistics of PCC-Allegro

```
Start at: 2018-07-25 12:14:12
End at: 2018-07-25 12:14:42
Local clock offset: 1.501 ms
Remote clock offset: -38.868 ms

# Below is generated by plot.py at 2018-07-25 13:37:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 341.82 Mbit/s
95th percentile per-packet one-way delay: 145.044 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 292.89 Mbit/s
95th percentile per-packet one-way delay: 145.248 ms
Loss rate: 0.70%
-- Flow 2:
Average throughput: 69.87 Mbit/s
95th percentile per-packet one-way delay: 143.982 ms
Loss rate: 0.99%
-- Flow 3:
Average throughput: 8.17 Mbit/s
95th percentile per-packet one-way delay: 144.329 ms
Loss rate: 1.79%
```

Run 9: Report of PCC-Allegro — Data Link

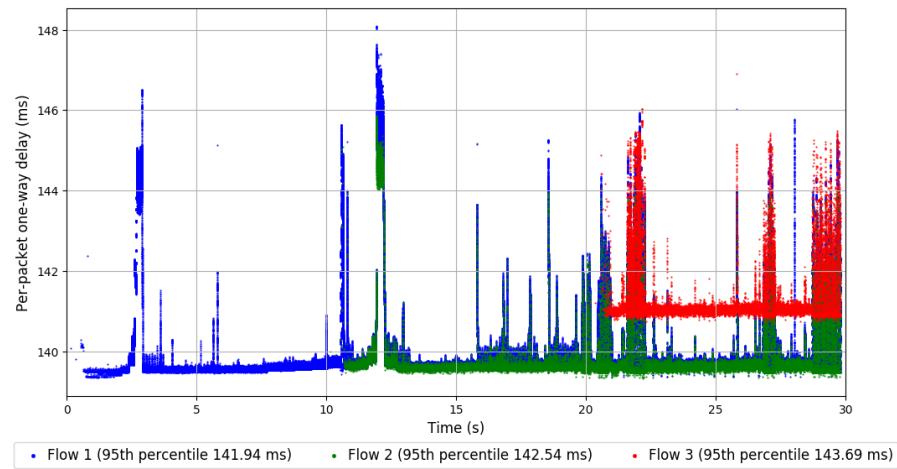
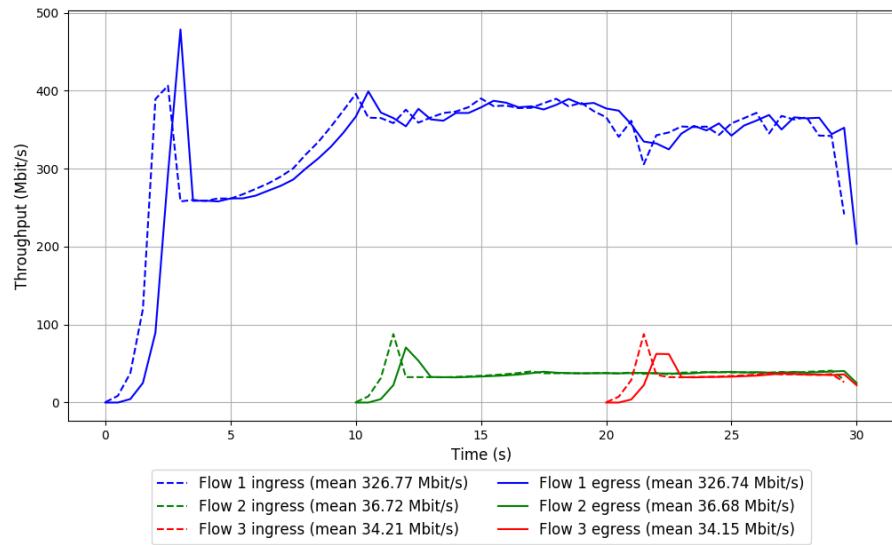


Run 10: Statistics of PCC-Allegro

```
Start at: 2018-07-25 12:38:55
End at: 2018-07-25 12:39:25
Local clock offset: 0.911 ms
Remote clock offset: -39.81 ms

# Below is generated by plot.py at 2018-07-25 13:37:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 362.11 Mbit/s
95th percentile per-packet one-way delay: 142.121 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 326.74 Mbit/s
95th percentile per-packet one-way delay: 141.938 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 36.68 Mbit/s
95th percentile per-packet one-way delay: 142.543 ms
Loss rate: 1.11%
-- Flow 3:
Average throughput: 34.15 Mbit/s
95th percentile per-packet one-way delay: 143.687 ms
Loss rate: 2.17%
```

Run 10: Report of PCC-Allegro — Data Link

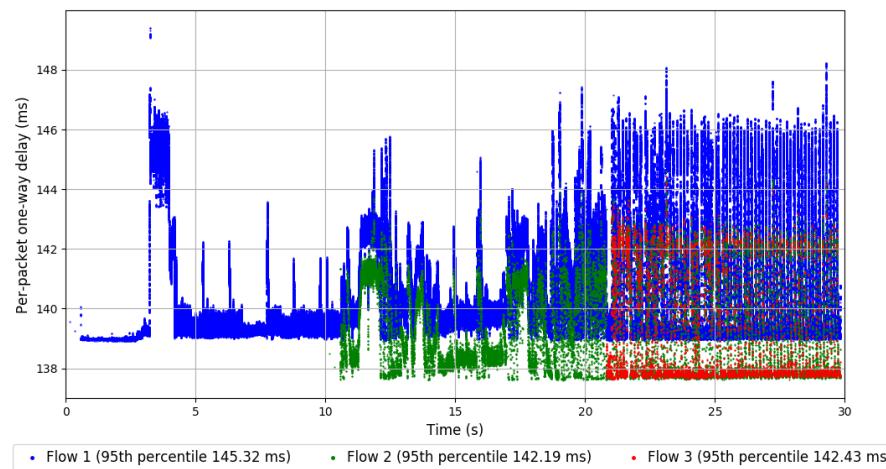
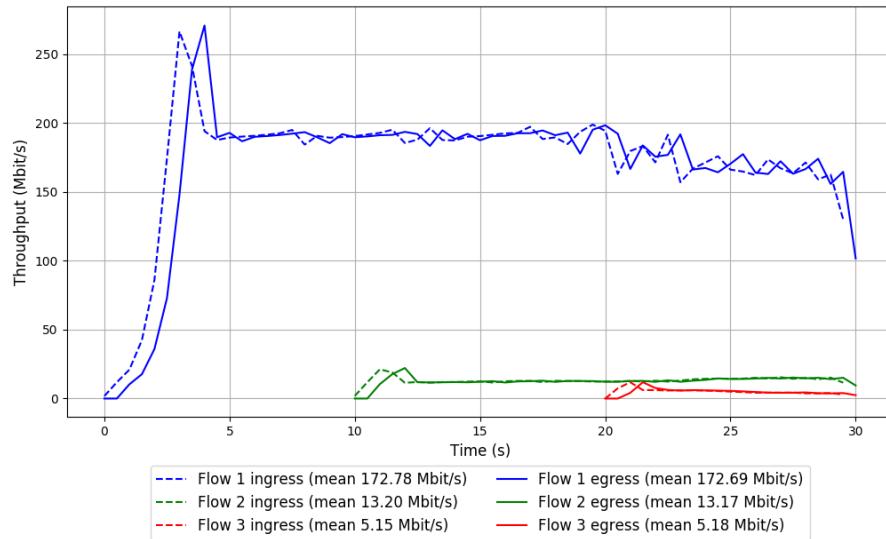


Run 1: Statistics of PCC-Expr

```
Start at: 2018-07-25 07:50:29
End at: 2018-07-25 07:50:59
Local clock offset: 0.081 ms
Remote clock offset: -34.483 ms

# Below is generated by plot.py at 2018-07-25 13:37:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 183.11 Mbit/s
95th percentile per-packet one-way delay: 145.282 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 172.69 Mbit/s
95th percentile per-packet one-way delay: 145.320 ms
Loss rate: 0.71%
-- Flow 2:
Average throughput: 13.17 Mbit/s
95th percentile per-packet one-way delay: 142.194 ms
Loss rate: 1.17%
-- Flow 3:
Average throughput: 5.18 Mbit/s
95th percentile per-packet one-way delay: 142.428 ms
Loss rate: 1.42%
```

Run 1: Report of PCC-Expr — Data Link

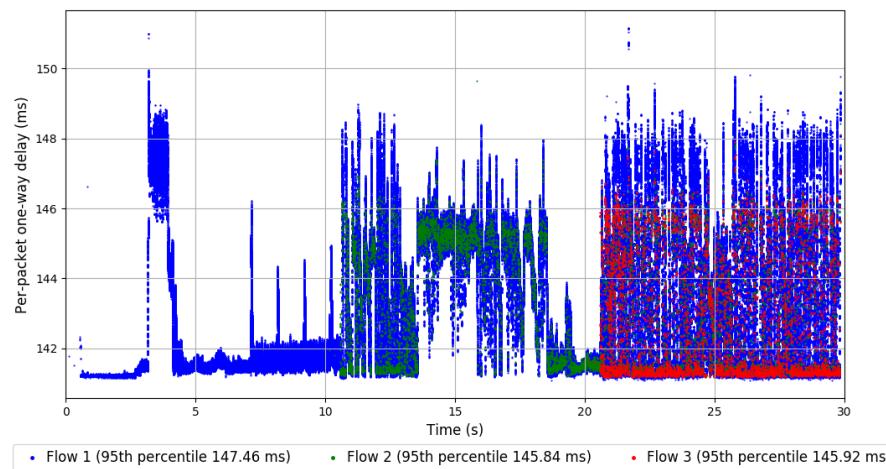
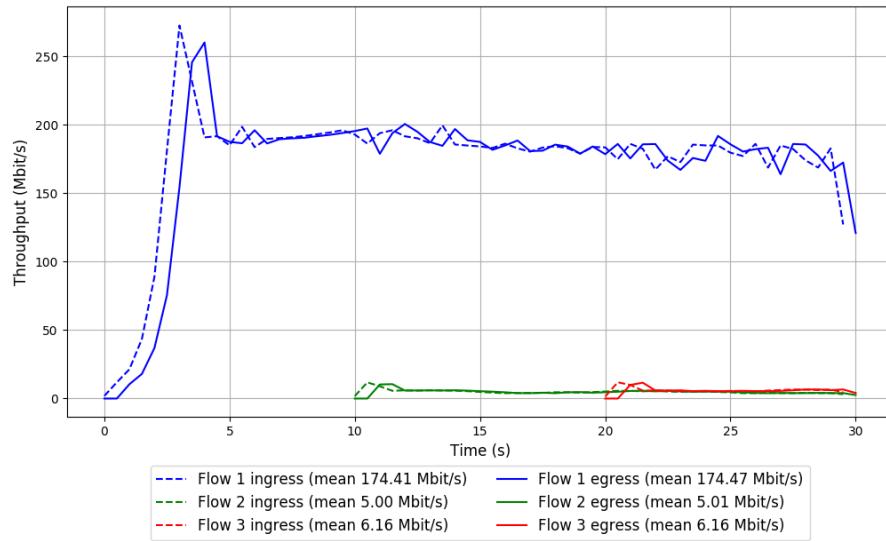


Run 2: Statistics of PCC-Expr

```
Start at: 2018-07-25 08:20:26
End at: 2018-07-25 08:20:56
Local clock offset: -1.458 ms
Remote clock offset: -35.619 ms

# Below is generated by plot.py at 2018-07-25 13:37:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 179.79 Mbit/s
95th percentile per-packet one-way delay: 147.438 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 174.47 Mbit/s
95th percentile per-packet one-way delay: 147.458 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 5.01 Mbit/s
95th percentile per-packet one-way delay: 145.841 ms
Loss rate: 0.85%
-- Flow 3:
Average throughput: 6.16 Mbit/s
95th percentile per-packet one-way delay: 145.923 ms
Loss rate: 1.94%
```

Run 2: Report of PCC-Expr — Data Link

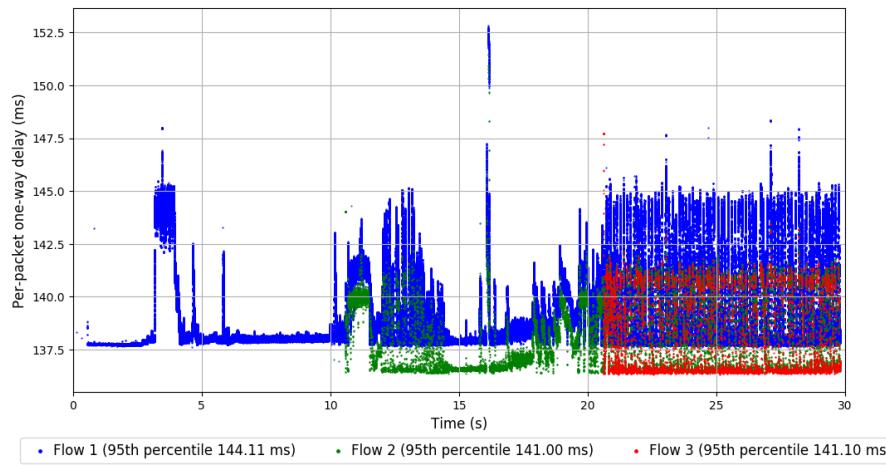
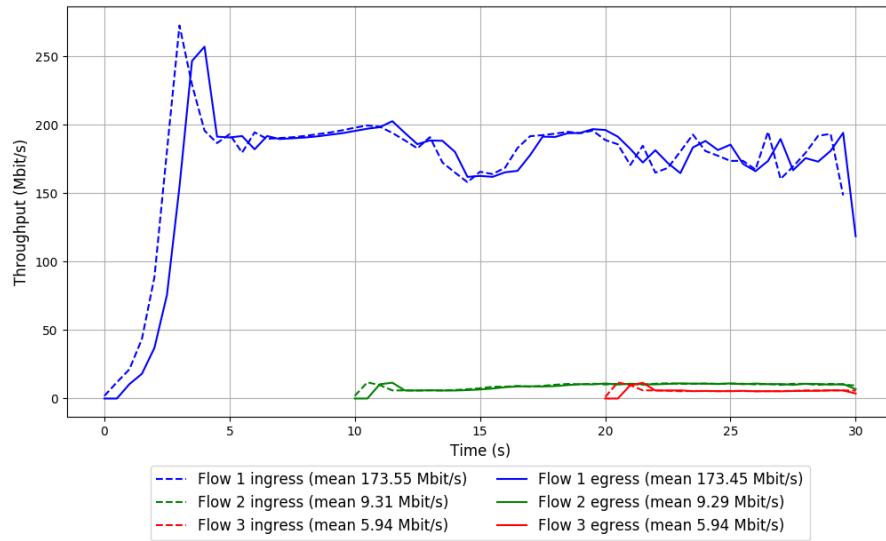


Run 3: Statistics of PCC-Expr

```
Start at: 2018-07-25 08:50:45
End at: 2018-07-25 08:51:15
Local clock offset: 1.159 ms
Remote clock offset: -29.849 ms

# Below is generated by plot.py at 2018-07-25 13:37:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 181.53 Mbit/s
95th percentile per-packet one-way delay: 144.088 ms
Loss rate: 1.03%
-- Flow 1:
Average throughput: 173.45 Mbit/s
95th percentile per-packet one-way delay: 144.112 ms
Loss rate: 0.83%
-- Flow 2:
Average throughput: 9.29 Mbit/s
95th percentile per-packet one-way delay: 141.005 ms
Loss rate: 4.14%
-- Flow 3:
Average throughput: 5.94 Mbit/s
95th percentile per-packet one-way delay: 141.105 ms
Loss rate: 7.79%
```

Run 3: Report of PCC-Expr — Data Link

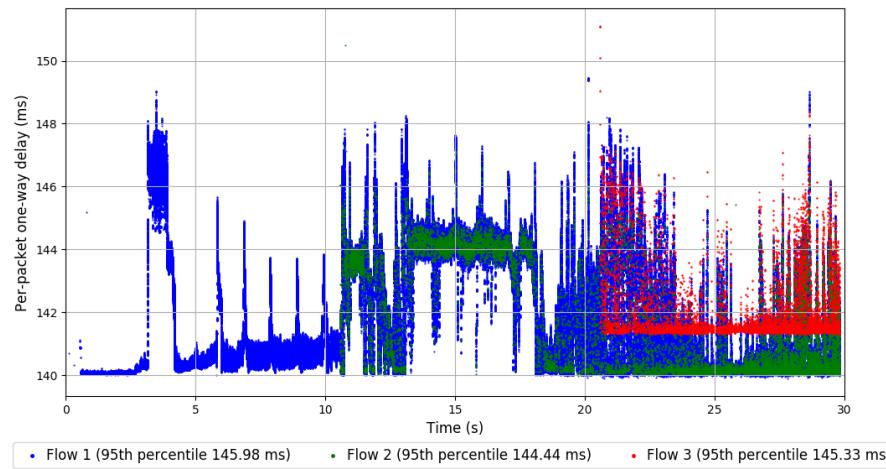
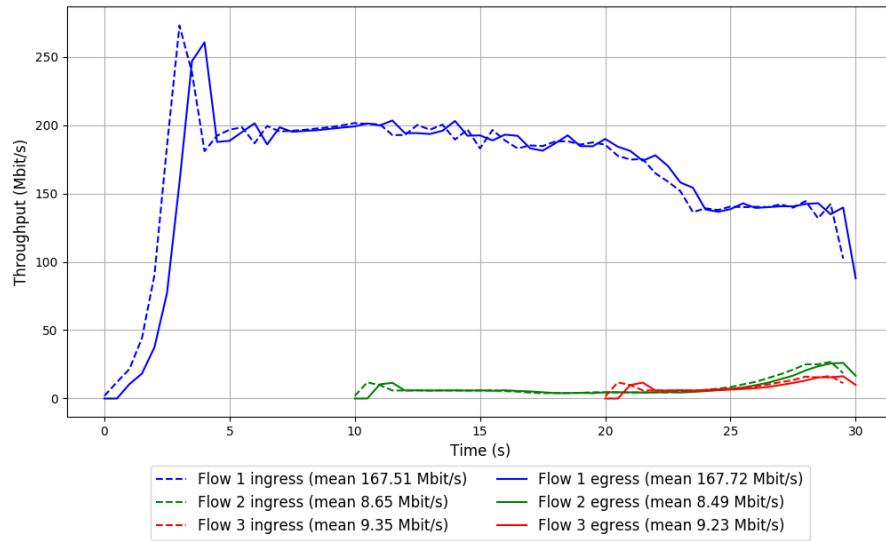


Run 4: Statistics of PCC-Expr

```
Start at: 2018-07-25 09:26:19
End at: 2018-07-25 09:26:49
Local clock offset: -0.222 ms
Remote clock offset: -36.126 ms

# Below is generated by plot.py at 2018-07-25 13:38:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 176.36 Mbit/s
95th percentile per-packet one-way delay: 145.922 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 167.72 Mbit/s
95th percentile per-packet one-way delay: 145.977 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 8.49 Mbit/s
95th percentile per-packet one-way delay: 144.444 ms
Loss rate: 2.76%
-- Flow 3:
Average throughput: 9.23 Mbit/s
95th percentile per-packet one-way delay: 145.328 ms
Loss rate: 3.24%
```

Run 4: Report of PCC-Expr — Data Link

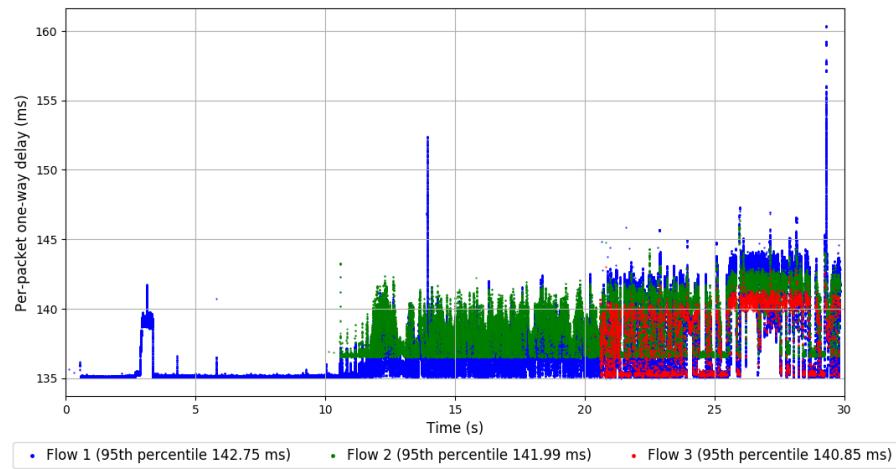
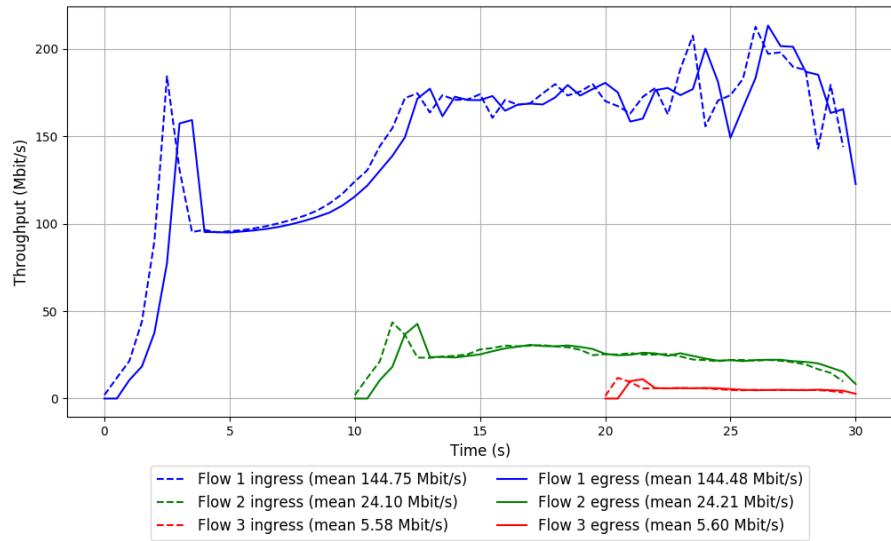


Run 5: Statistics of PCC-Expr

```
Start at: 2018-07-25 10:02:09
End at: 2018-07-25 10:02:39
Local clock offset: -0.698 ms
Remote clock offset: -33.966 ms

# Below is generated by plot.py at 2018-07-25 13:38:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 162.35 Mbit/s
95th percentile per-packet one-way delay: 142.658 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 144.48 Mbit/s
95th percentile per-packet one-way delay: 142.753 ms
Loss rate: 0.85%
-- Flow 2:
Average throughput: 24.21 Mbit/s
95th percentile per-packet one-way delay: 141.991 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 5.60 Mbit/s
95th percentile per-packet one-way delay: 140.848 ms
Loss rate: 1.68%
```

Run 5: Report of PCC-Expr — Data Link

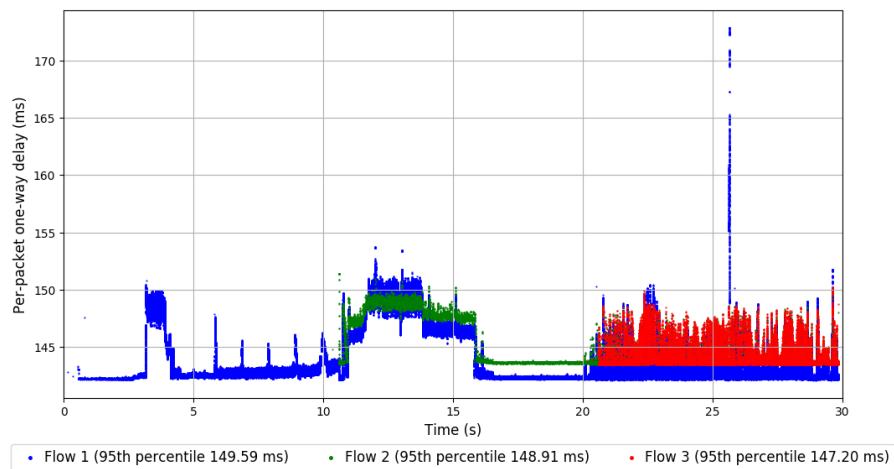
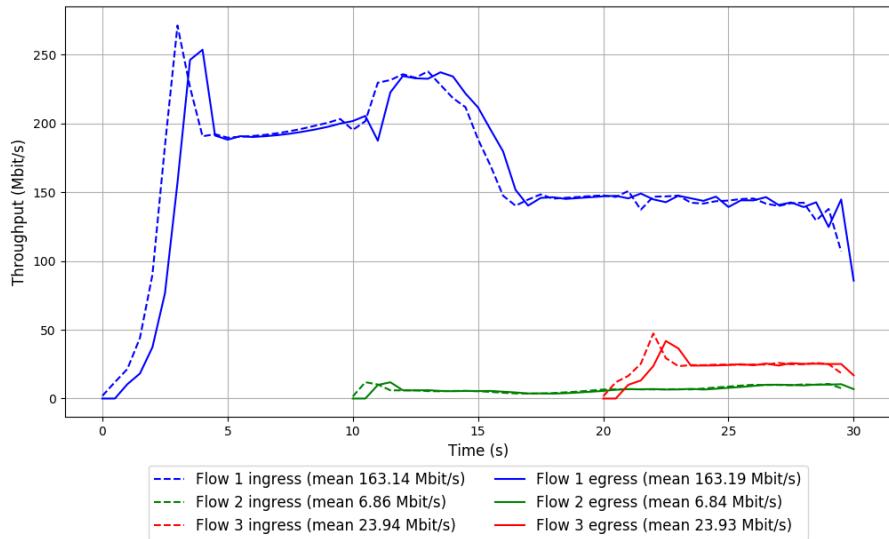


Run 6: Statistics of PCC-Expr

```
Start at: 2018-07-25 10:36:13
End at: 2018-07-25 10:36:43
Local clock offset: 2.108 ms
Remote clock offset: -39.751 ms

# Below is generated by plot.py at 2018-07-25 13:39:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 175.49 Mbit/s
95th percentile per-packet one-way delay: 149.541 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 163.19 Mbit/s
95th percentile per-packet one-way delay: 149.591 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 6.84 Mbit/s
95th percentile per-packet one-way delay: 148.908 ms
Loss rate: 1.37%
-- Flow 3:
Average throughput: 23.93 Mbit/s
95th percentile per-packet one-way delay: 147.200 ms
Loss rate: 1.95%
```

Run 6: Report of PCC-Expr — Data Link

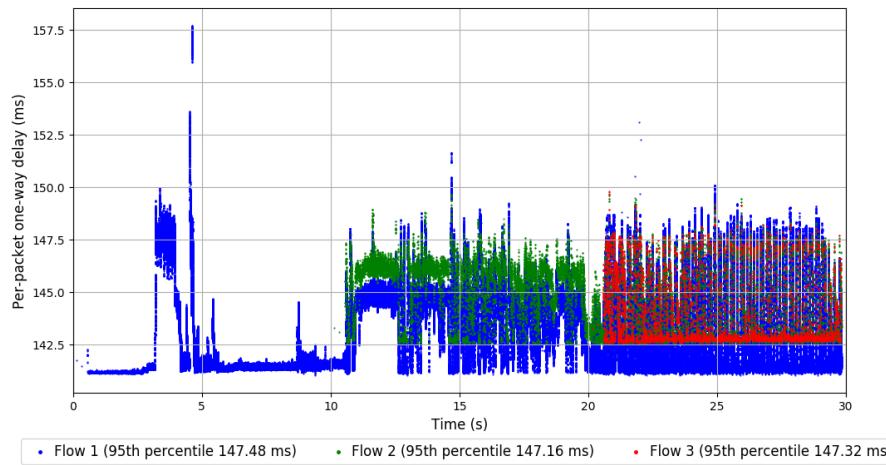
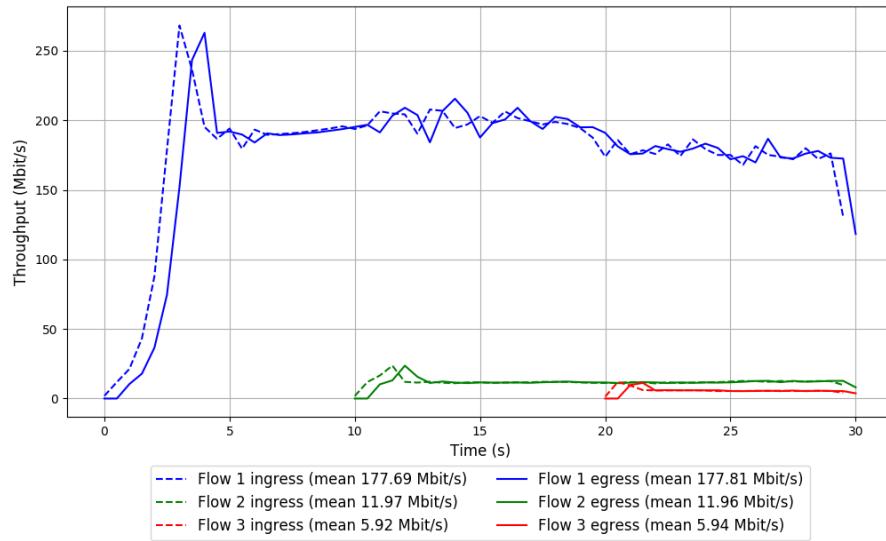


Run 7: Statistics of PCC-Expr

```
Start at: 2018-07-25 11:00:51
End at: 2018-07-25 11:01:21
Local clock offset: 2.574 ms
Remote clock offset: -39.052 ms

# Below is generated by plot.py at 2018-07-25 13:41:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 187.67 Mbit/s
95th percentile per-packet one-way delay: 147.461 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 177.81 Mbit/s
95th percentile per-packet one-way delay: 147.480 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 11.96 Mbit/s
95th percentile per-packet one-way delay: 147.157 ms
Loss rate: 1.06%
-- Flow 3:
Average throughput: 5.94 Mbit/s
95th percentile per-packet one-way delay: 147.322 ms
Loss rate: 1.74%
```

Run 7: Report of PCC-Expr — Data Link

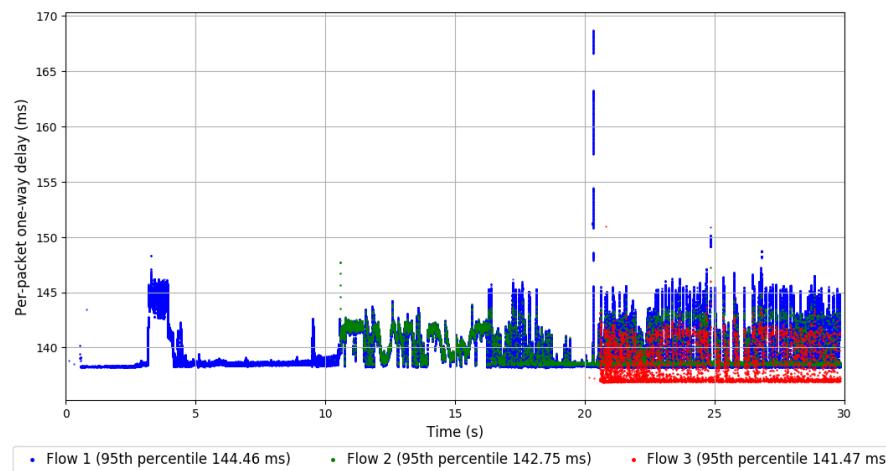
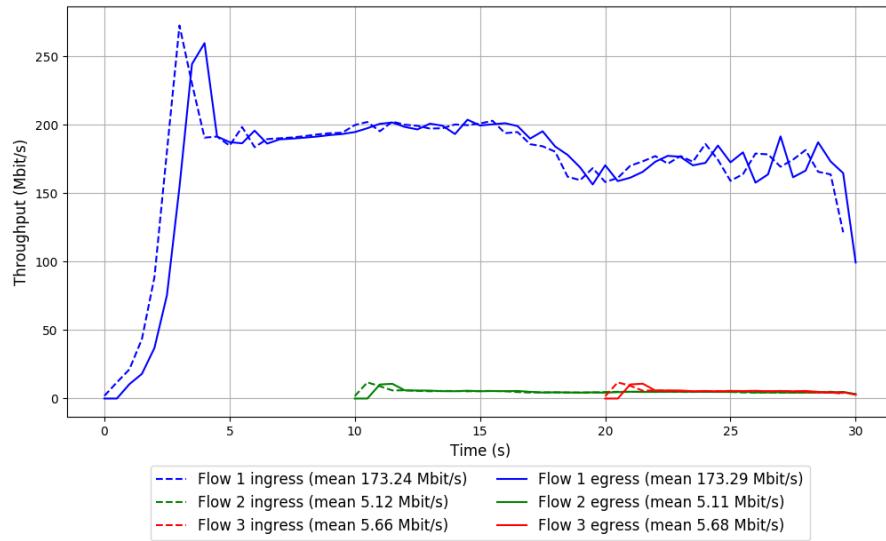


Run 8: Statistics of PCC-Expr

```
Start at: 2018-07-25 11:30:55
End at: 2018-07-25 11:31:25
Local clock offset: -0.855 ms
Remote clock offset: -38.562 ms

# Below is generated by plot.py at 2018-07-25 13:41:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 178.53 Mbit/s
95th percentile per-packet one-way delay: 144.434 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 173.29 Mbit/s
95th percentile per-packet one-way delay: 144.458 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 5.11 Mbit/s
95th percentile per-packet one-way delay: 142.751 ms
Loss rate: 1.07%
-- Flow 3:
Average throughput: 5.68 Mbit/s
95th percentile per-packet one-way delay: 141.475 ms
Loss rate: 1.63%
```

Run 8: Report of PCC-Expr — Data Link

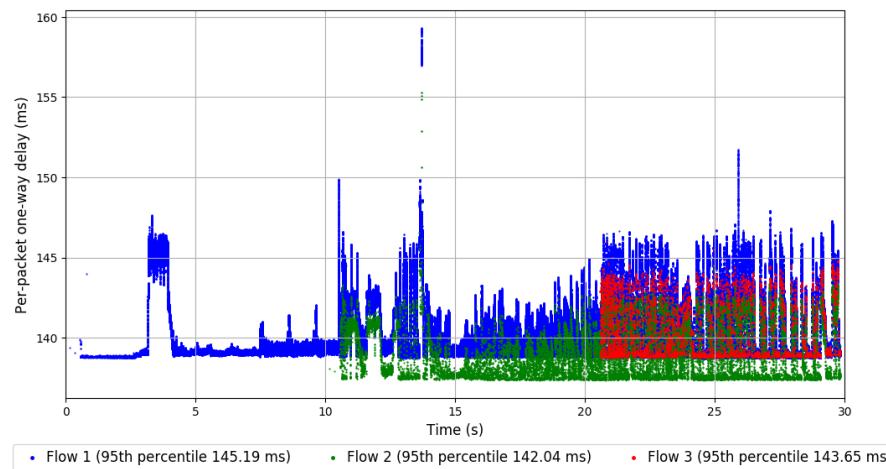
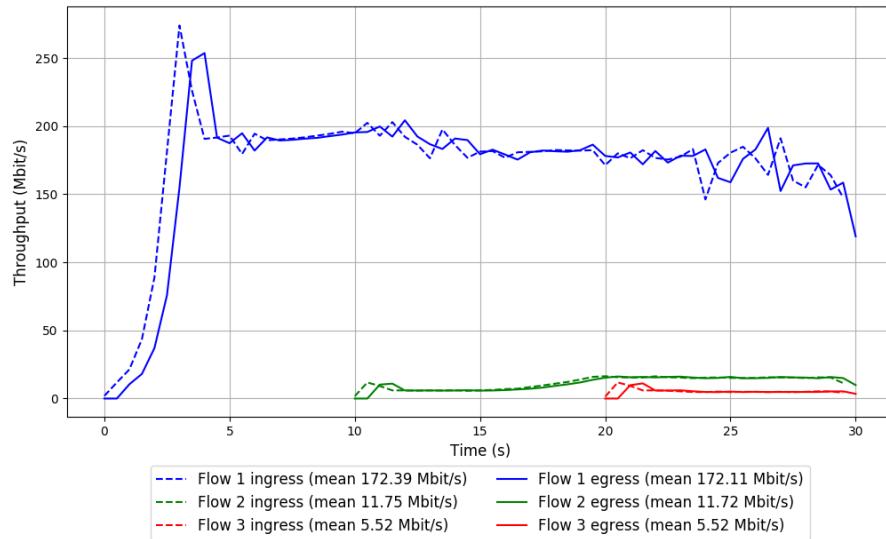


Run 9: Statistics of PCC-Expr

```
Start at: 2018-07-25 12:12:38
End at: 2018-07-25 12:13:08
Local clock offset: 2.254 ms
Remote clock offset: -36.11 ms

# Below is generated by plot.py at 2018-07-25 13:41:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 181.66 Mbit/s
95th percentile per-packet one-way delay: 145.150 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 172.11 Mbit/s
95th percentile per-packet one-way delay: 145.186 ms
Loss rate: 0.84%
-- Flow 2:
Average throughput: 11.72 Mbit/s
95th percentile per-packet one-way delay: 142.045 ms
Loss rate: 1.27%
-- Flow 3:
Average throughput: 5.52 Mbit/s
95th percentile per-packet one-way delay: 143.649 ms
Loss rate: 2.05%
```

Run 9: Report of PCC-Expr — Data Link

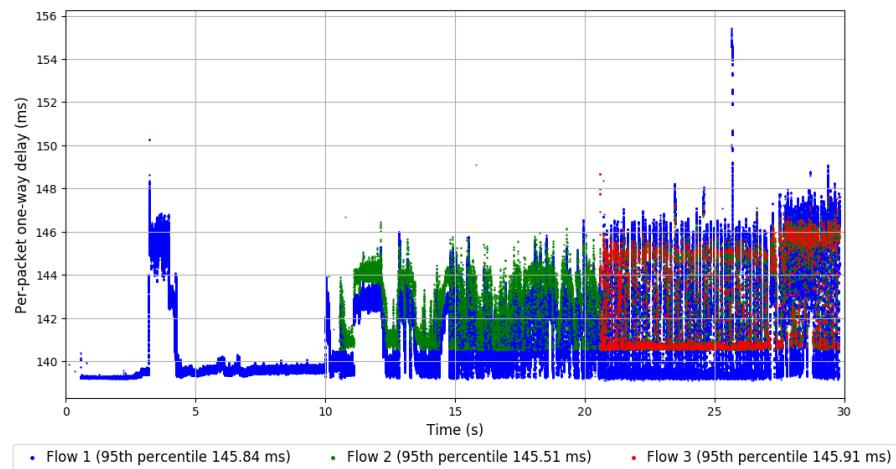
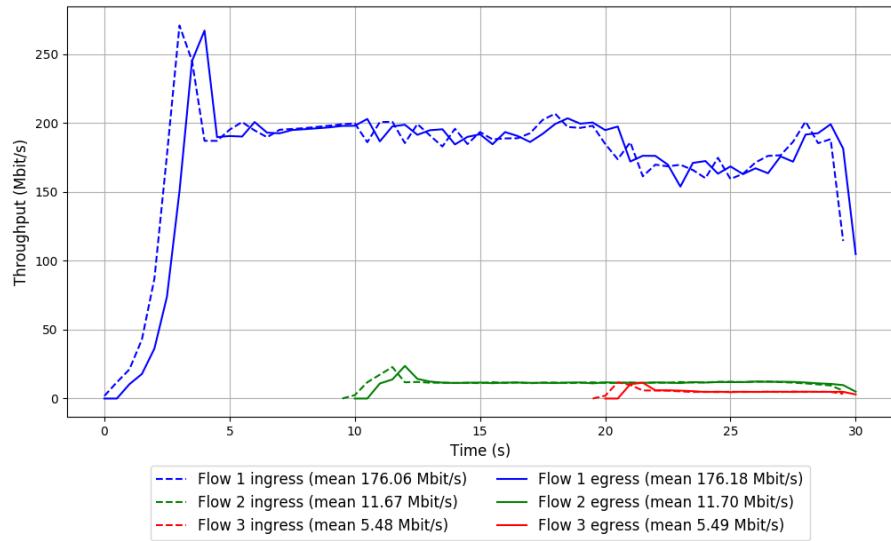


Run 10: Statistics of PCC-Expr

```
Start at: 2018-07-25 12:37:00
End at: 2018-07-25 12:37:30
Local clock offset: 2.27 ms
Remote clock offset: -38.141 ms

# Below is generated by plot.py at 2018-07-25 13:41:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 185.72 Mbit/s
95th percentile per-packet one-way delay: 145.823 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 176.18 Mbit/s
95th percentile per-packet one-way delay: 145.837 ms
Loss rate: 0.59%
-- Flow 2:
Average throughput: 11.70 Mbit/s
95th percentile per-packet one-way delay: 145.508 ms
Loss rate: 0.70%
-- Flow 3:
Average throughput: 5.49 Mbit/s
95th percentile per-packet one-way delay: 145.913 ms
Loss rate: 1.76%
```

Run 10: Report of PCC-Expr — Data Link

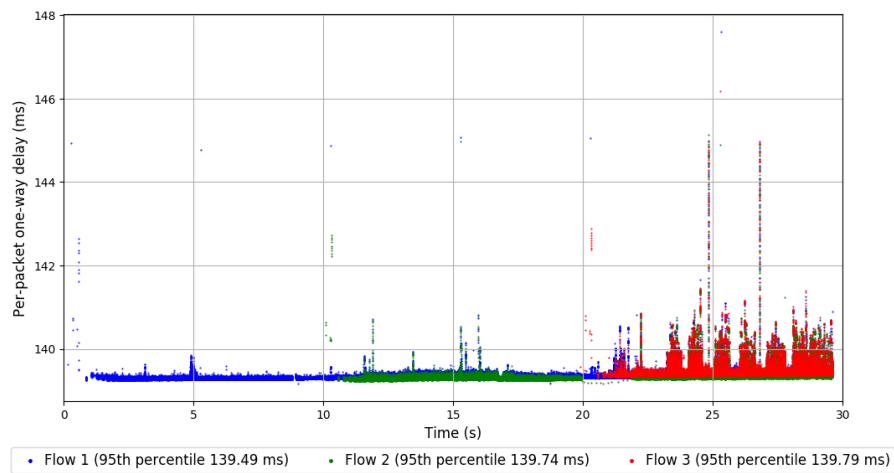
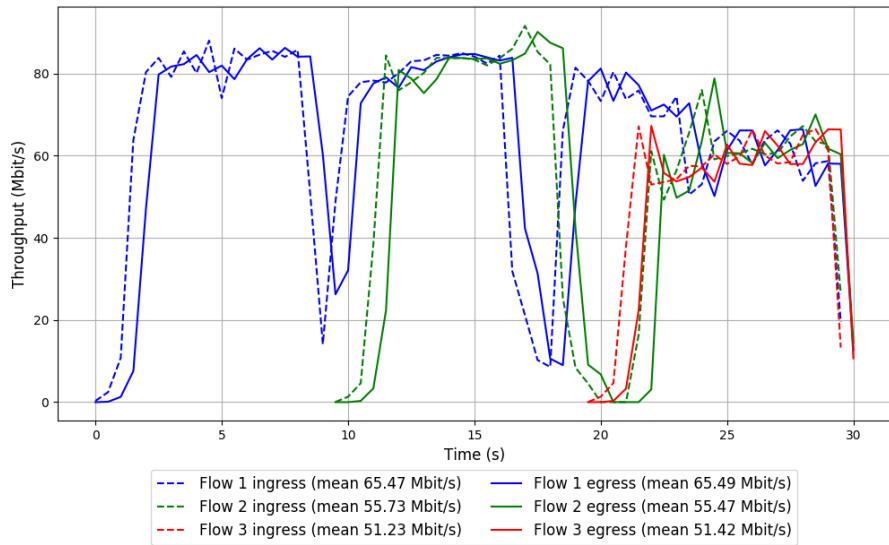


```
Run 1: Statistics of QUIC Cubic
```

```
Start at: 2018-07-25 07:36:34
End at: 2018-07-25 07:37:04
Local clock offset: 1.408 ms
Remote clock offset: -36.453 ms

# Below is generated by plot.py at 2018-07-25 13:41:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 119.54 Mbit/s
95th percentile per-packet one-way delay: 139.638 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 65.49 Mbit/s
95th percentile per-packet one-way delay: 139.487 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 55.47 Mbit/s
95th percentile per-packet one-way delay: 139.739 ms
Loss rate: 1.43%
-- Flow 3:
Average throughput: 51.42 Mbit/s
95th percentile per-packet one-way delay: 139.795 ms
Loss rate: 1.59%
```

Run 1: Report of QUIC Cubic — Data Link

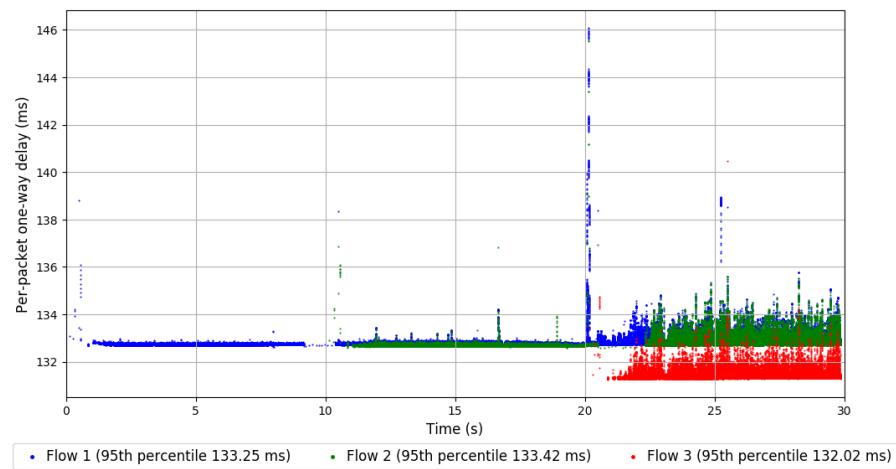
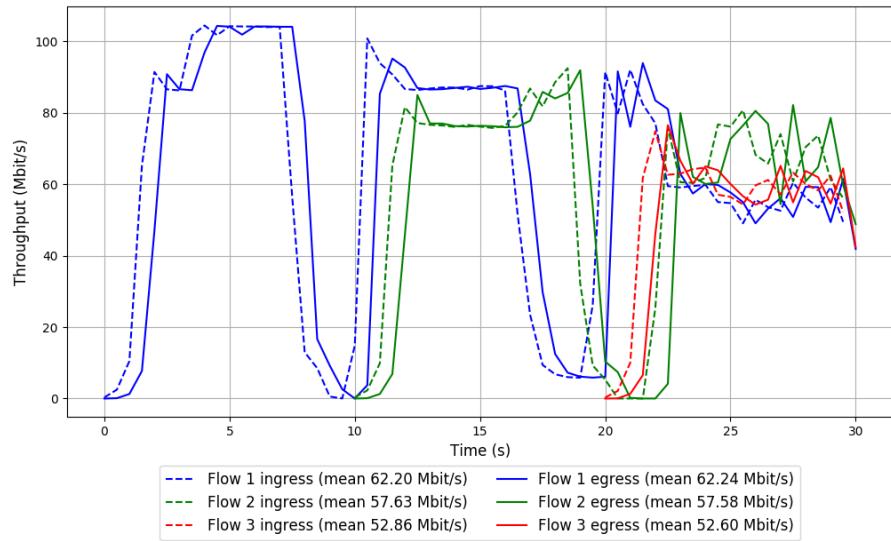


Run 2: Statistics of QUIC Cubic

```
Start at: 2018-07-25 08:06:43
End at: 2018-07-25 08:07:13
Local clock offset: -2.06 ms
Remote clock offset: -28.616 ms

# Below is generated by plot.py at 2018-07-25 13:41:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 117.58 Mbit/s
95th percentile per-packet one-way delay: 133.276 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 62.24 Mbit/s
95th percentile per-packet one-way delay: 133.246 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 57.58 Mbit/s
95th percentile per-packet one-way delay: 133.417 ms
Loss rate: 1.10%
-- Flow 3:
Average throughput: 52.60 Mbit/s
95th percentile per-packet one-way delay: 132.019 ms
Loss rate: 2.46%
```

Run 2: Report of QUIC Cubic — Data Link

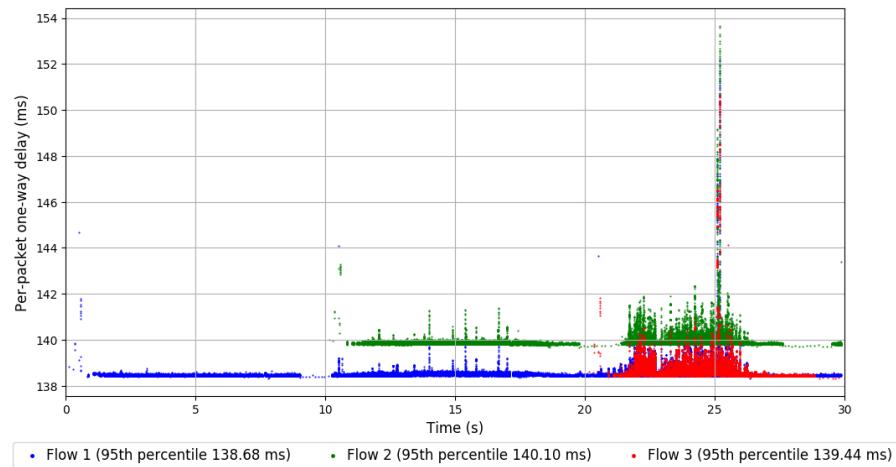
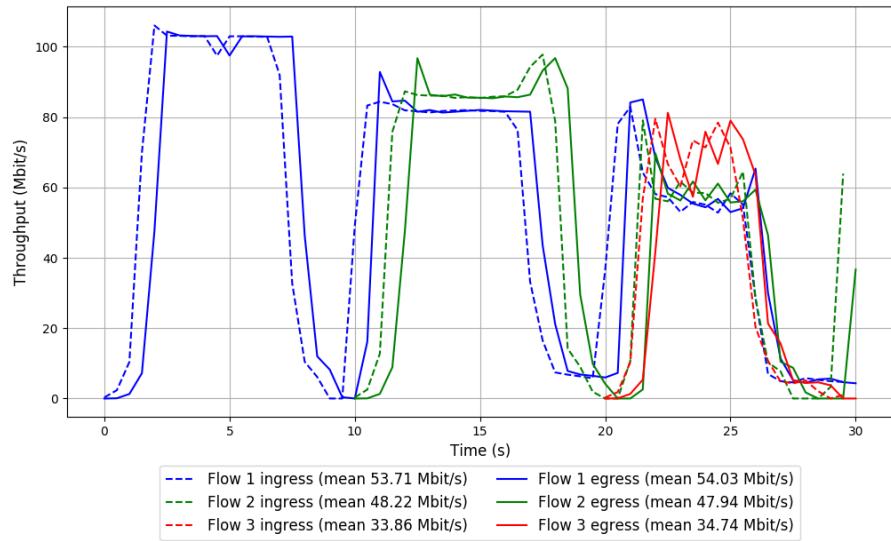


Run 3: Statistics of QUIC Cubic

```
Start at: 2018-07-25 08:42:36
End at: 2018-07-25 08:43:06
Local clock offset: 1.048 ms
Remote clock offset: -31.955 ms

# Below is generated by plot.py at 2018-07-25 13:41:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.07 Mbit/s
95th percentile per-packet one-way delay: 139.914 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 54.03 Mbit/s
95th percentile per-packet one-way delay: 138.678 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 47.94 Mbit/s
95th percentile per-packet one-way delay: 140.104 ms
Loss rate: 1.59%
-- Flow 3:
Average throughput: 34.74 Mbit/s
95th percentile per-packet one-way delay: 139.440 ms
Loss rate: 0.16%
```

Run 3: Report of QUIC Cubic — Data Link

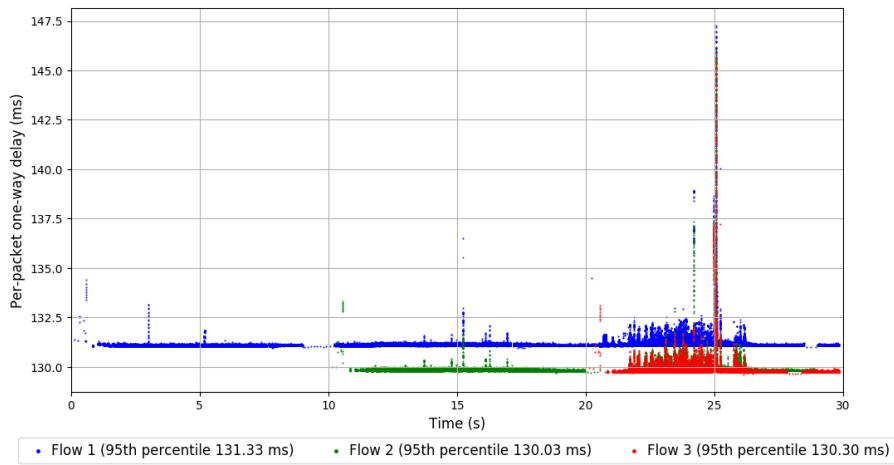
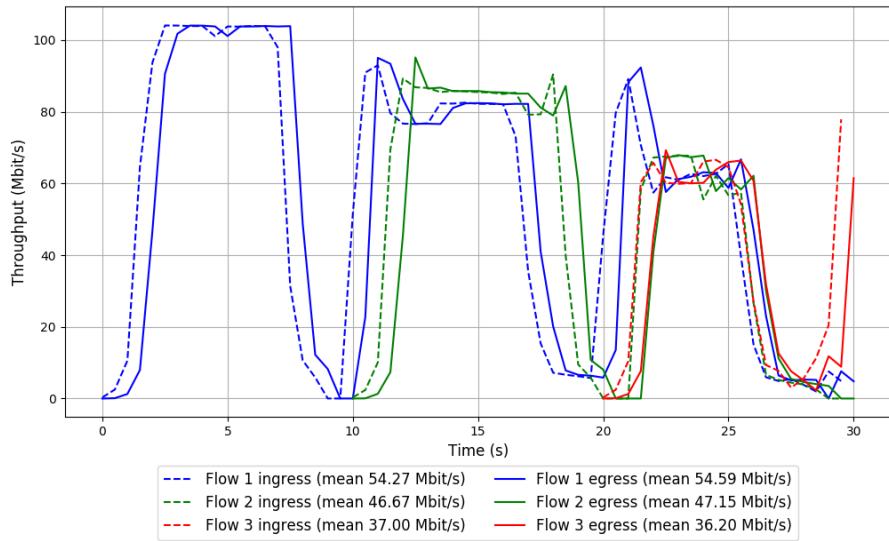


Run 4: Statistics of QUIC Cubic

```
Start at: 2018-07-25 09:12:35
End at: 2018-07-25 09:13:05
Local clock offset: -0.176 ms
Remote clock offset: -24.367 ms

# Below is generated by plot.py at 2018-07-25 13:41:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.65 Mbit/s
95th percentile per-packet one-way delay: 131.209 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 54.59 Mbit/s
95th percentile per-packet one-way delay: 131.334 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 47.15 Mbit/s
95th percentile per-packet one-way delay: 130.030 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 36.20 Mbit/s
95th percentile per-packet one-way delay: 130.298 ms
Loss rate: 4.20%
```

Run 4: Report of QUIC Cubic — Data Link

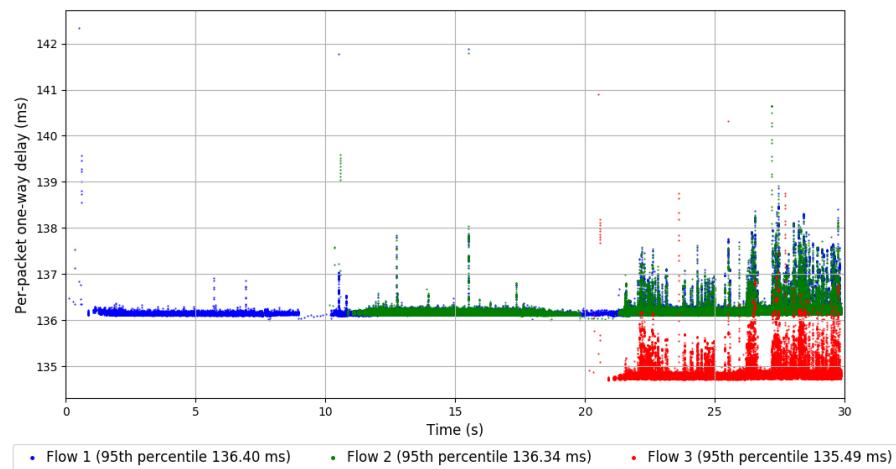
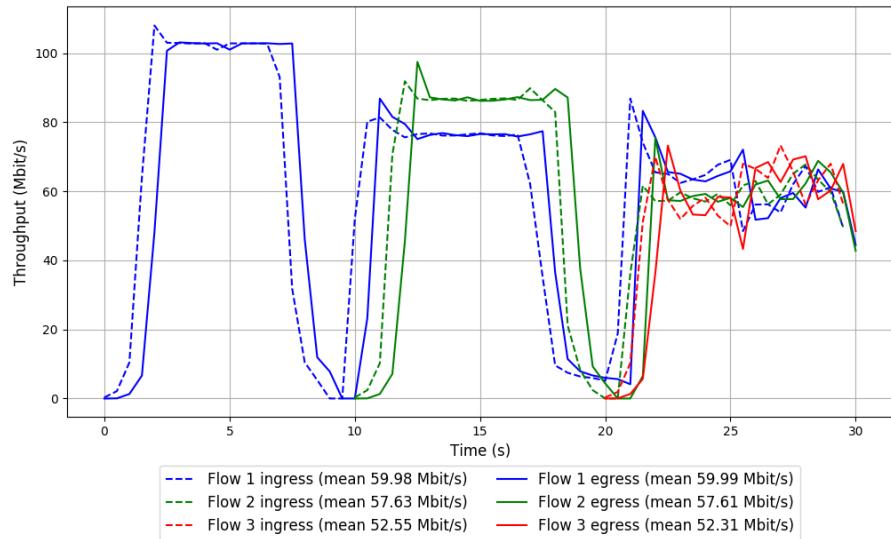


Run 5: Statistics of QUIC Cubic

```
Start at: 2018-07-25 09:53:59
End at: 2018-07-25 09:54:29
Local clock offset: -1.88 ms
Remote clock offset: -34.426 ms

# Below is generated by plot.py at 2018-07-25 13:41:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 115.27 Mbit/s
95th percentile per-packet one-way delay: 136.312 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 59.99 Mbit/s
95th percentile per-packet one-way delay: 136.397 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 57.61 Mbit/s
95th percentile per-packet one-way delay: 136.337 ms
Loss rate: 1.02%
-- Flow 3:
Average throughput: 52.31 Mbit/s
95th percentile per-packet one-way delay: 135.494 ms
Loss rate: 2.53%
```

Run 5: Report of QUIC Cubic — Data Link

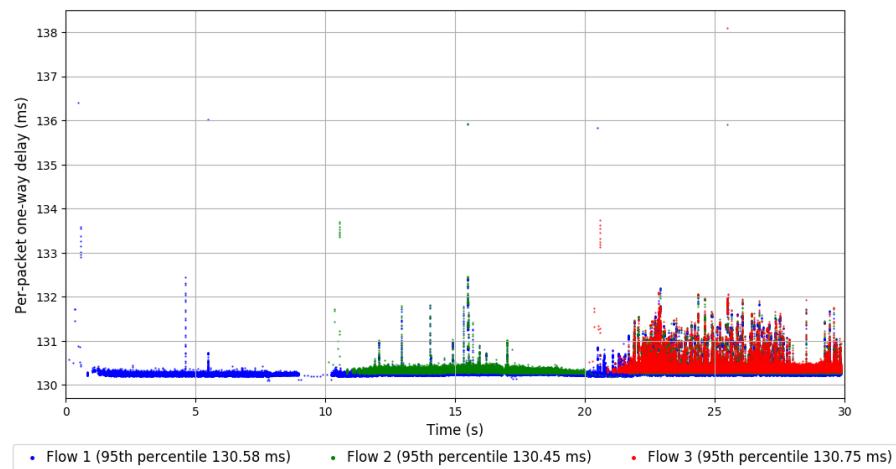
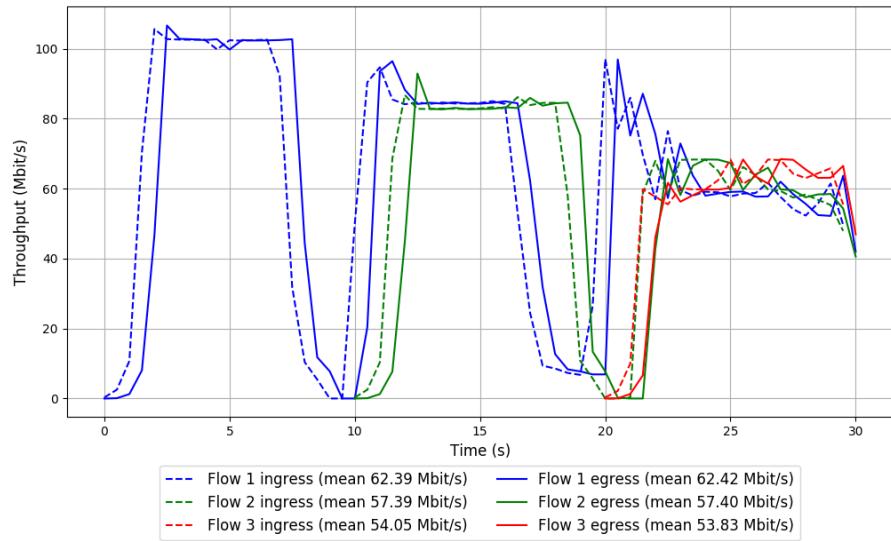


Run 6: Statistics of QUIC Cubic

```
Start at: 2018-07-25 10:28:00
End at: 2018-07-25 10:28:30
Local clock offset: 1.237 ms
Remote clock offset: -27.164 ms

# Below is generated by plot.py at 2018-07-25 13:41:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 118.08 Mbit/s
95th percentile per-packet one-way delay: 130.577 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 62.42 Mbit/s
95th percentile per-packet one-way delay: 130.580 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 57.40 Mbit/s
95th percentile per-packet one-way delay: 130.454 ms
Loss rate: 0.96%
-- Flow 3:
Average throughput: 53.83 Mbit/s
95th percentile per-packet one-way delay: 130.755 ms
Loss rate: 2.39%
```

Run 6: Report of QUIC Cubic — Data Link

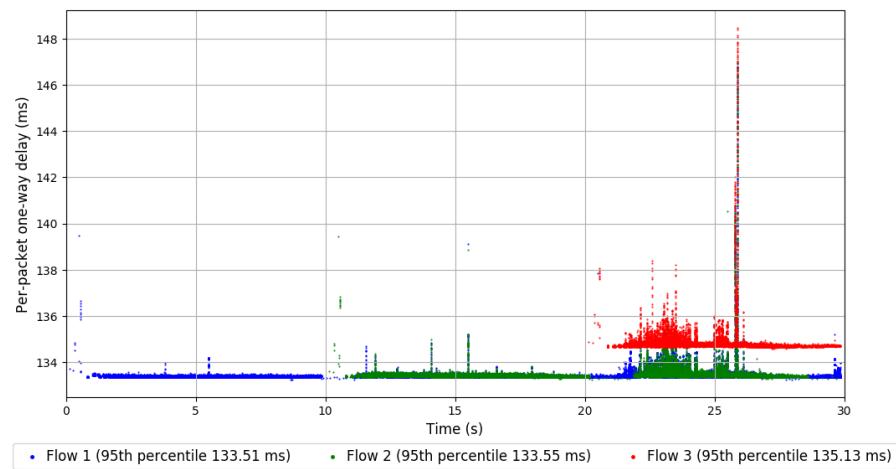
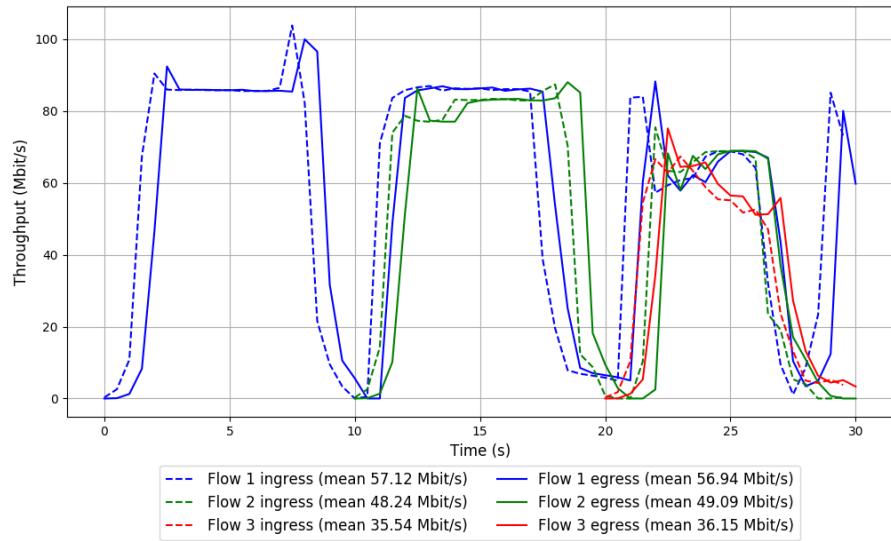


Run 7: Statistics of QUIC Cubic

```
Start at: 2018-07-25 10:52:30
End at: 2018-07-25 10:53:00
Local clock offset: 0.012 ms
Remote clock offset: -33.46 ms

# Below is generated by plot.py at 2018-07-25 13:41:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 101.03 Mbit/s
95th percentile per-packet one-way delay: 134.740 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 56.94 Mbit/s
95th percentile per-packet one-way delay: 133.514 ms
Loss rate: 0.96%
-- Flow 2:
Average throughput: 49.09 Mbit/s
95th percentile per-packet one-way delay: 133.552 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 36.15 Mbit/s
95th percentile per-packet one-way delay: 135.126 ms
Loss rate: 0.24%
```

Run 7: Report of QUIC Cubic — Data Link

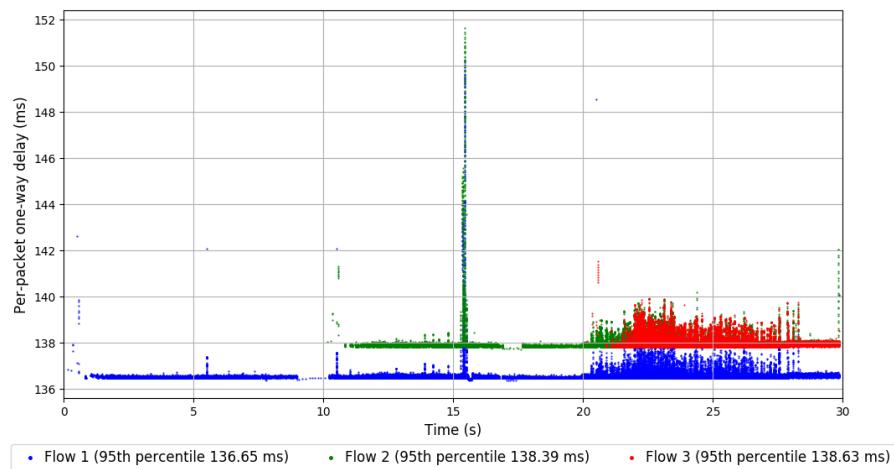
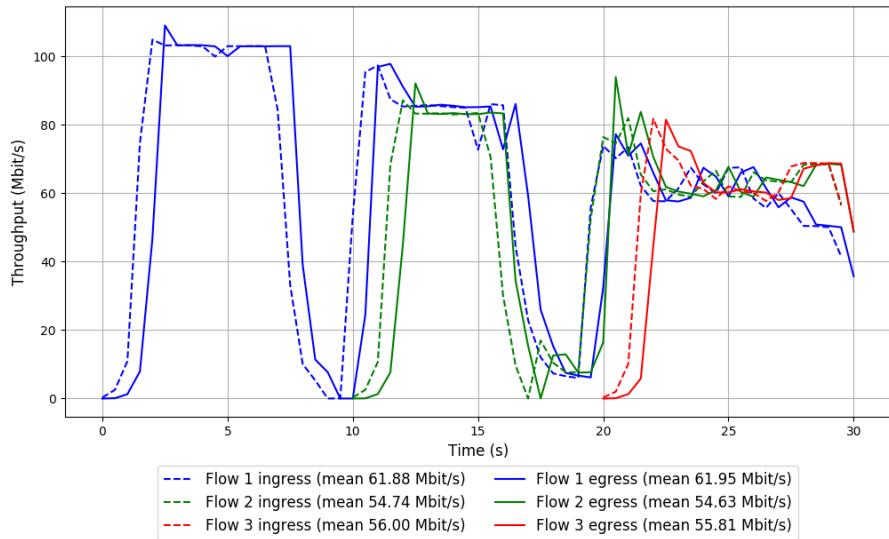


Run 8: Statistics of QUIC Cubic

```
Start at: 2018-07-25 11:22:39
End at: 2018-07-25 11:23:09
Local clock offset: 1.265 ms
Remote clock offset: -36.258 ms

# Below is generated by plot.py at 2018-07-25 13:42:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 116.42 Mbit/s
95th percentile per-packet one-way delay: 138.220 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 61.95 Mbit/s
95th percentile per-packet one-way delay: 136.646 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 54.63 Mbit/s
95th percentile per-packet one-way delay: 138.390 ms
Loss rate: 1.22%
-- Flow 3:
Average throughput: 55.81 Mbit/s
95th percentile per-packet one-way delay: 138.635 ms
Loss rate: 2.42%
```

Run 8: Report of QUIC Cubic — Data Link

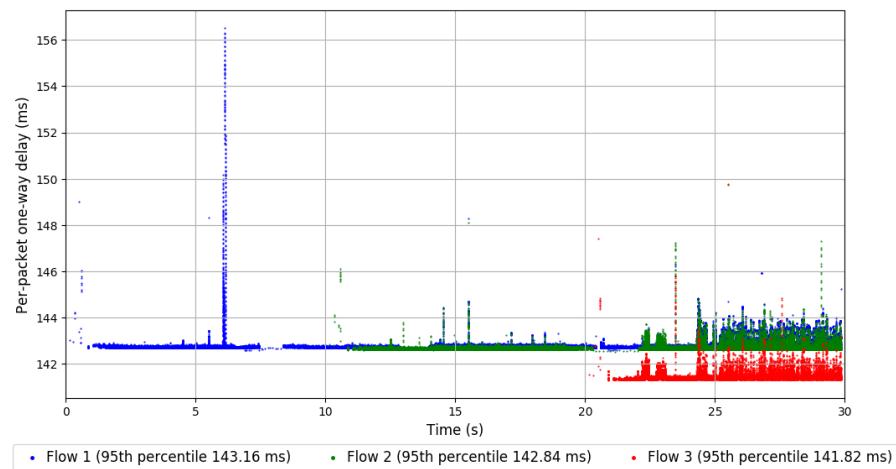
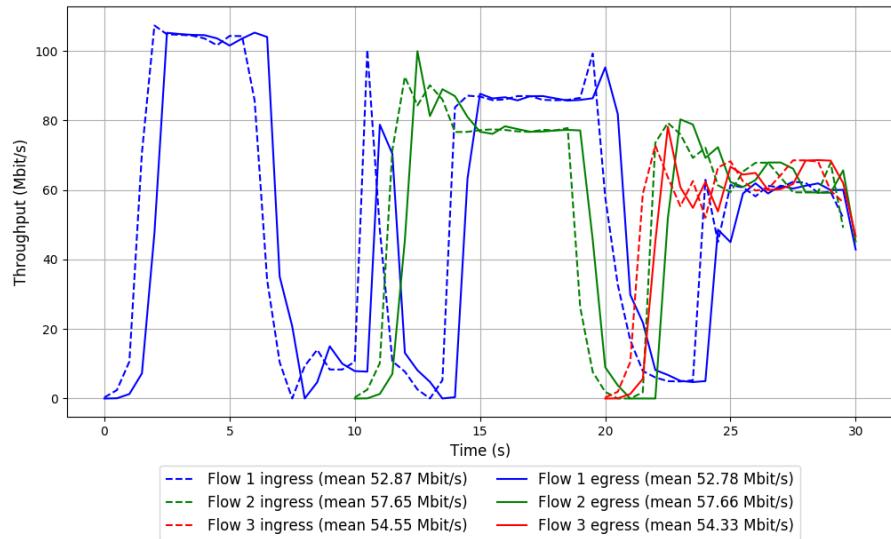


Run 9: Statistics of QUIC Cubic

```
Start at: 2018-07-25 11:52:47
End at: 2018-07-25 11:53:17
Local clock offset: -1.953 ms
Remote clock offset: -43.668 ms

# Below is generated by plot.py at 2018-07-25 13:42:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 108.76 Mbit/s
95th percentile per-packet one-way delay: 142.981 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 52.78 Mbit/s
95th percentile per-packet one-way delay: 143.158 ms
Loss rate: 0.82%
-- Flow 2:
Average throughput: 57.66 Mbit/s
95th percentile per-packet one-way delay: 142.835 ms
Loss rate: 1.01%
-- Flow 3:
Average throughput: 54.33 Mbit/s
95th percentile per-packet one-way delay: 141.821 ms
Loss rate: 2.47%
```

Run 9: Report of QUIC Cubic — Data Link

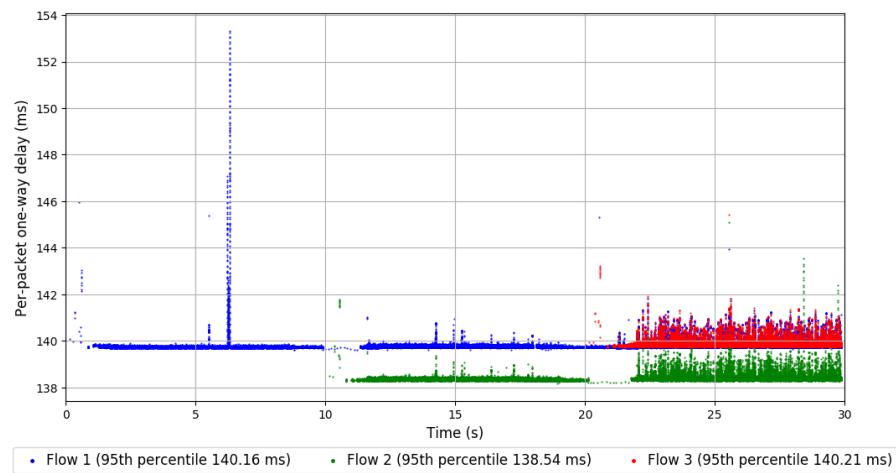
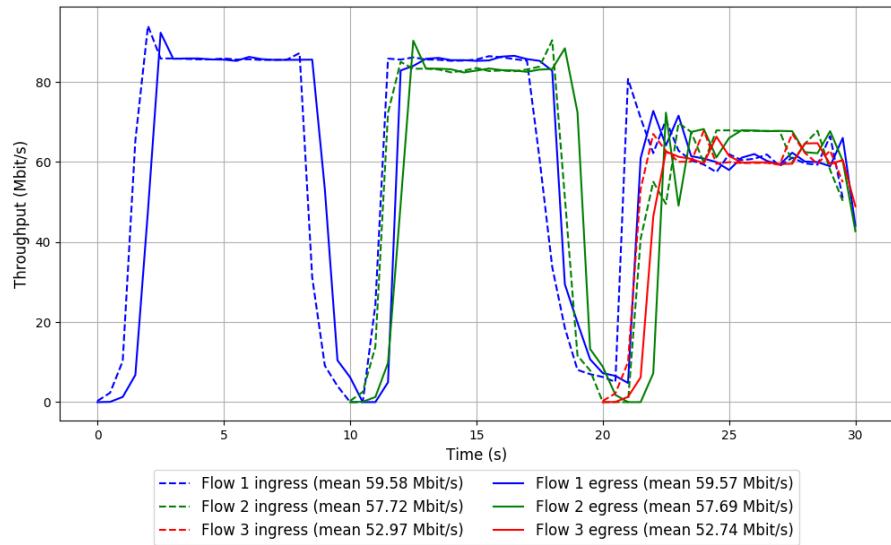


Run 10: Statistics of QUIC Cubic

```
Start at: 2018-07-25 12:28:45
End at: 2018-07-25 12:29:15
Local clock offset: 0.338 ms
Remote clock offset: -39.164 ms

# Below is generated by plot.py at 2018-07-25 13:42:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 115.05 Mbit/s
95th percentile per-packet one-way delay: 140.041 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 59.57 Mbit/s
95th percentile per-packet one-way delay: 140.162 ms
Loss rate: 0.68%
-- Flow 2:
Average throughput: 57.69 Mbit/s
95th percentile per-packet one-way delay: 138.544 ms
Loss rate: 1.05%
-- Flow 3:
Average throughput: 52.74 Mbit/s
95th percentile per-packet one-way delay: 140.206 ms
Loss rate: 2.40%
```

Run 10: Report of QUIC Cubic — Data Link

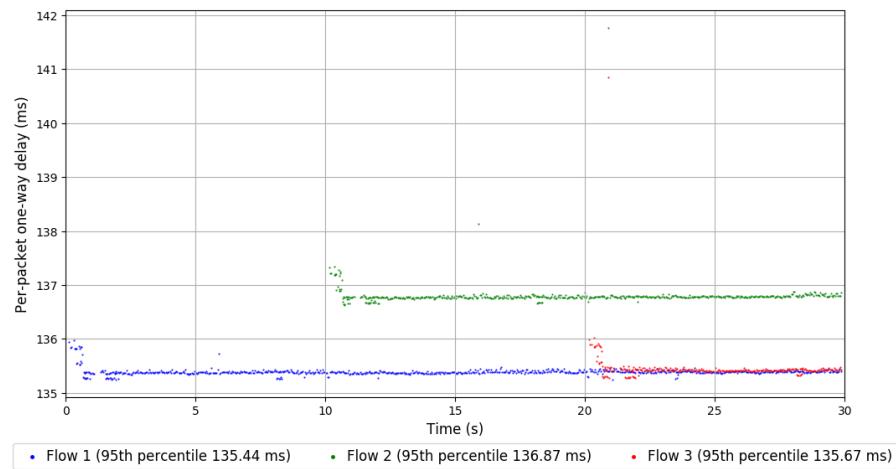
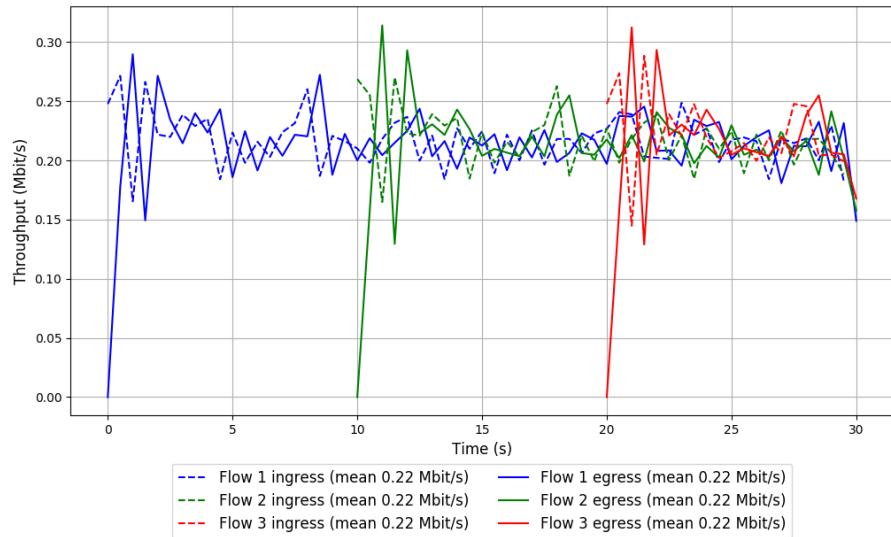


```
Run 1: Statistics of SCReAM

Start at: 2018-07-25 07:54:50
End at: 2018-07-25 07:55:20
Local clock offset: 1.485 ms
Remote clock offset: -30.327 ms

# Below is generated by plot.py at 2018-07-25 13:42:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 136.807 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 135.441 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.866 ms
Loss rate: 1.03%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 135.674 ms
Loss rate: 1.83%
```

## Run 1: Report of SCReAM — Data Link

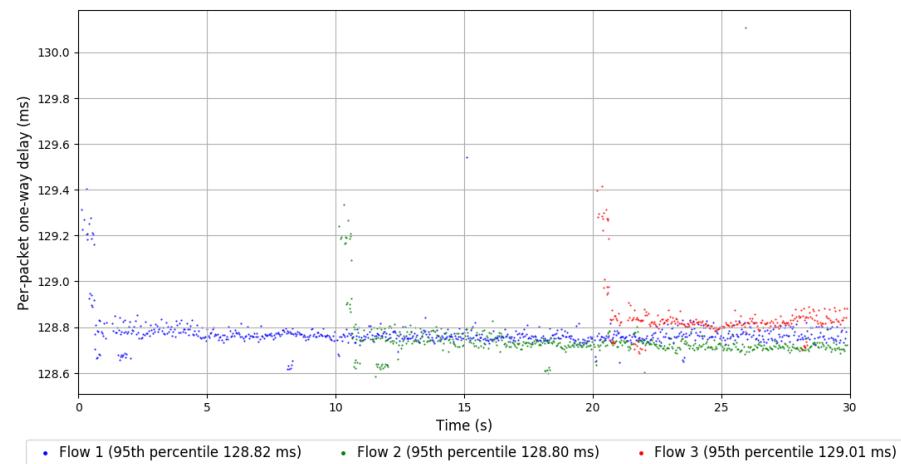
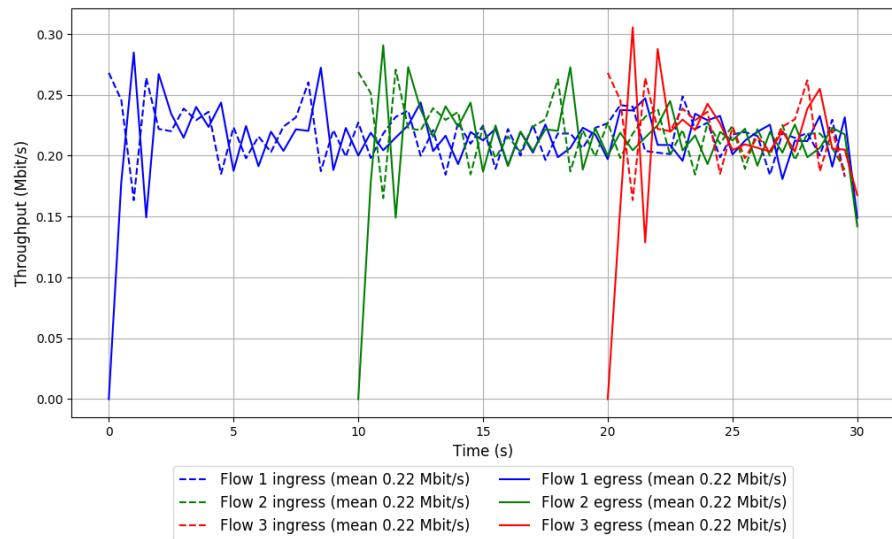


Run 2: Statistics of SCReAM

```
Start at: 2018-07-25 08:24:47
End at: 2018-07-25 08:25:17
Local clock offset: 0.568 ms
Remote clock offset: -21.11 ms

# Below is generated by plot.py at 2018-07-25 13:42:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 128.872 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 128.823 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 128.801 ms
Loss rate: 1.03%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 129.008 ms
Loss rate: 1.83%
```

Run 2: Report of SCReAM — Data Link

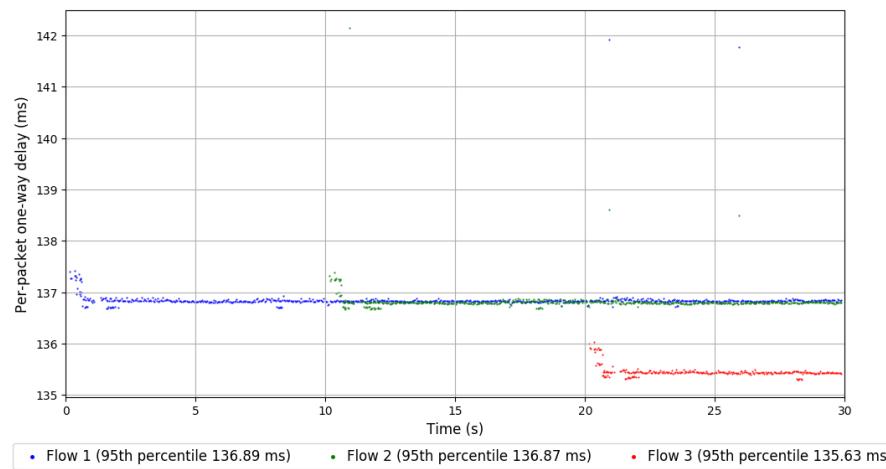
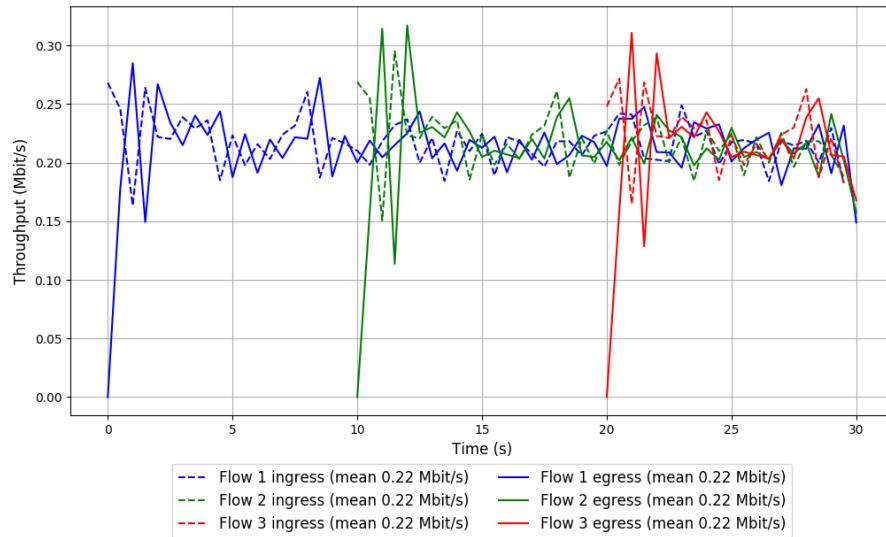


Run 3: Statistics of SCReAM

```
Start at: 2018-07-25 08:55:05
End at: 2018-07-25 08:55:35
Local clock offset: -0.943 ms
Remote clock offset: -30.924 ms

# Below is generated by plot.py at 2018-07-25 13:42:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 136.881 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.890 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.867 ms
Loss rate: 1.03%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 135.633 ms
Loss rate: 1.83%
```

### Run 3: Report of SCReAM — Data Link

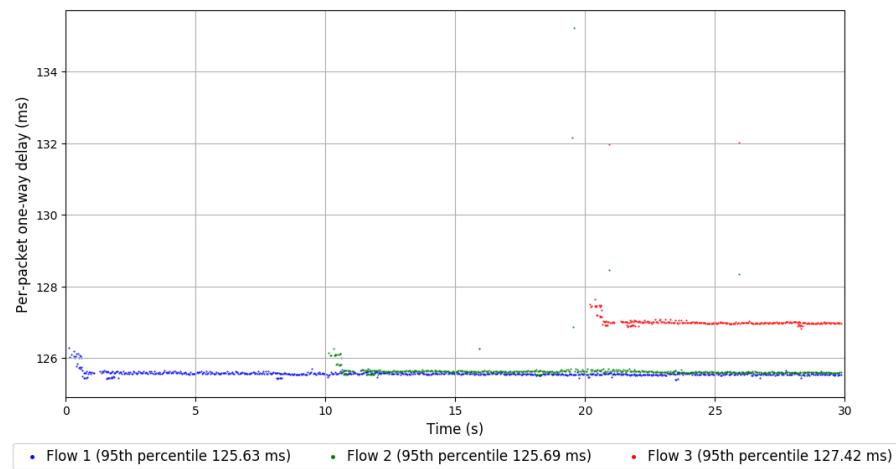
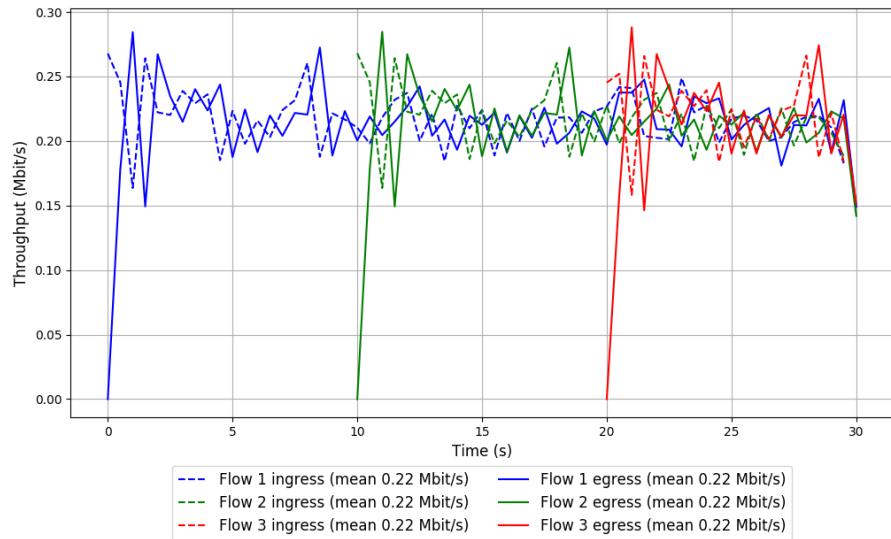


Run 4: Statistics of SCReAM

```
Start at: 2018-07-25 09:30:40
End at: 2018-07-25 09:31:10
Local clock offset: -0.794 ms
Remote clock offset: -22.606 ms

# Below is generated by plot.py at 2018-07-25 13:42:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 126.999 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 125.629 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 125.693 ms
Loss rate: 1.03%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 127.422 ms
Loss rate: 1.87%
```

Run 4: Report of SCReAM — Data Link

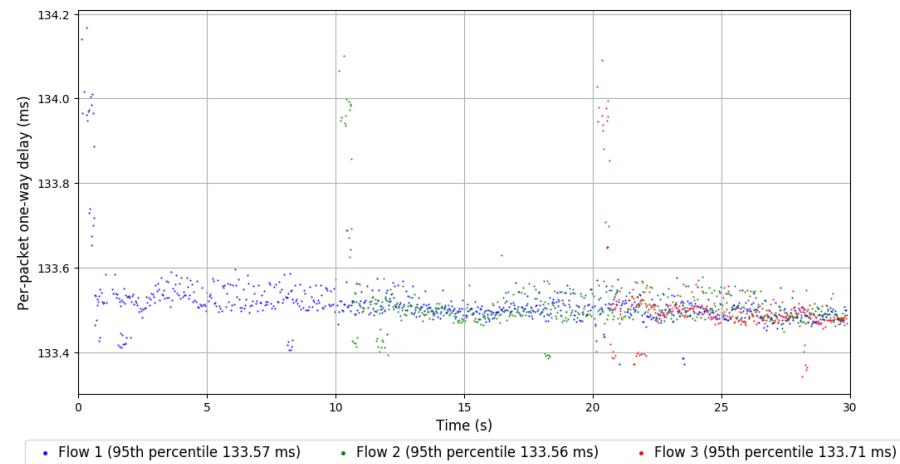
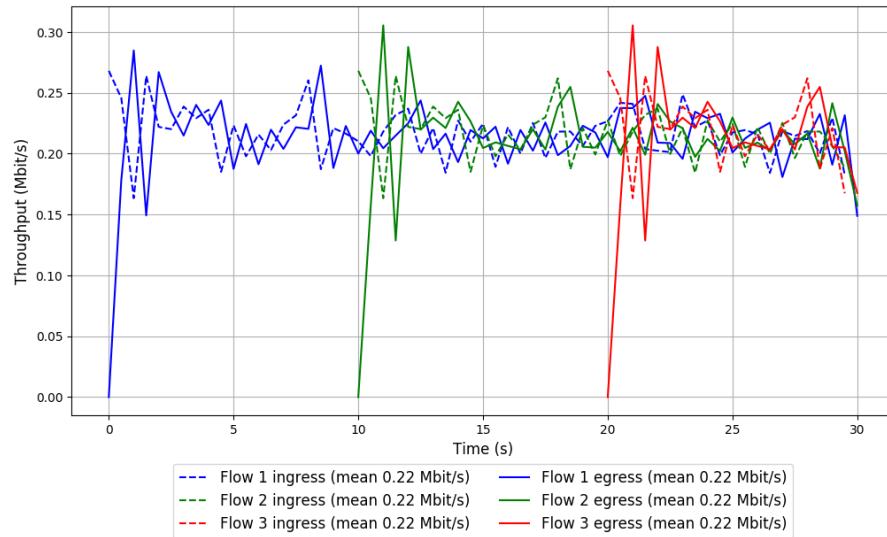


Run 5: Statistics of SCReAM

```
Start at: 2018-07-25 10:06:26
End at: 2018-07-25 10:06:56
Local clock offset: -1.03 ms
Remote clock offset: -31.47 ms

# Below is generated by plot.py at 2018-07-25 13:42:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 133.571 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 133.570 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 133.565 ms
Loss rate: 1.03%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 133.708 ms
Loss rate: 1.49%
```

Run 5: Report of SCReAM — Data Link

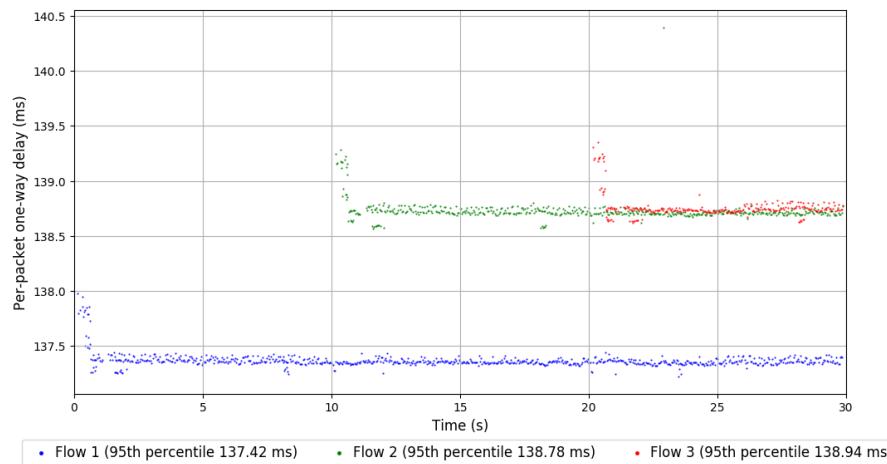
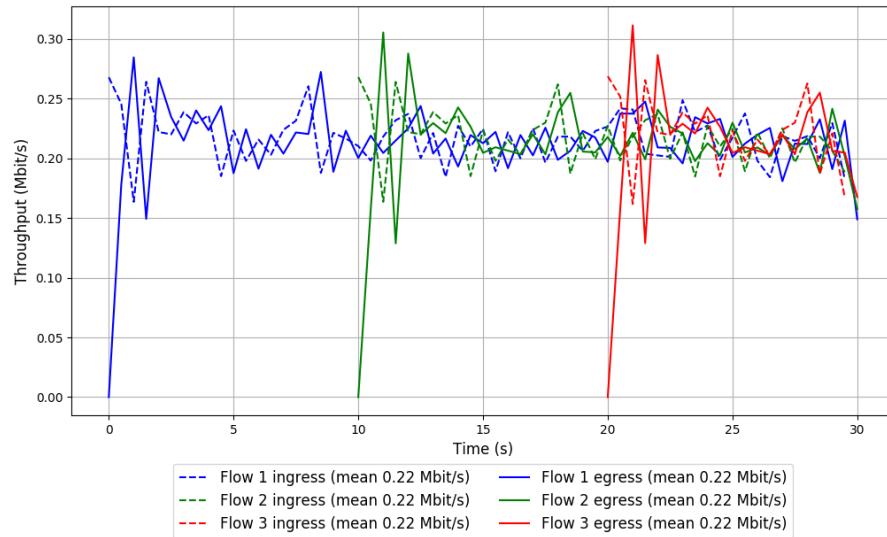


Run 6: Statistics of SCReAM

```
Start at: 2018-07-25 10:40:33
End at: 2018-07-25 10:41:03
Local clock offset: 2.391 ms
Remote clock offset: -34.643 ms

# Below is generated by plot.py at 2018-07-25 13:42:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 138.777 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 137.420 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 138.780 ms
Loss rate: 1.03%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 138.938 ms
Loss rate: 1.49%
```

Run 6: Report of SCReAM — Data Link

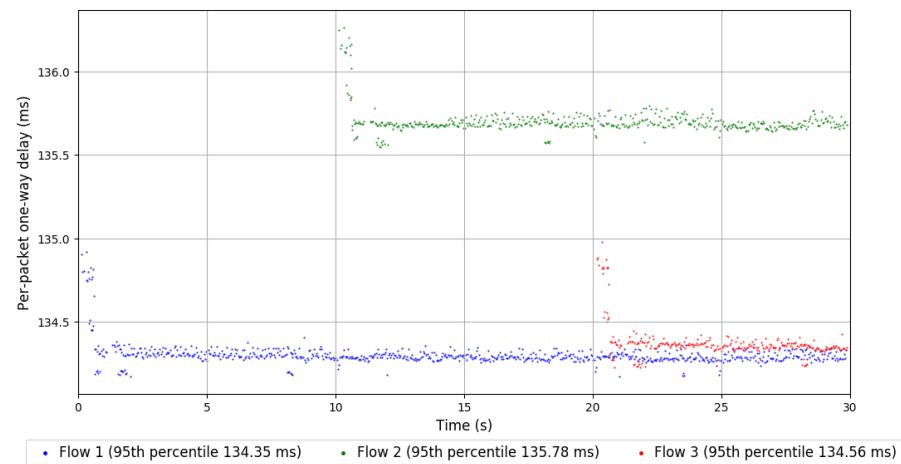
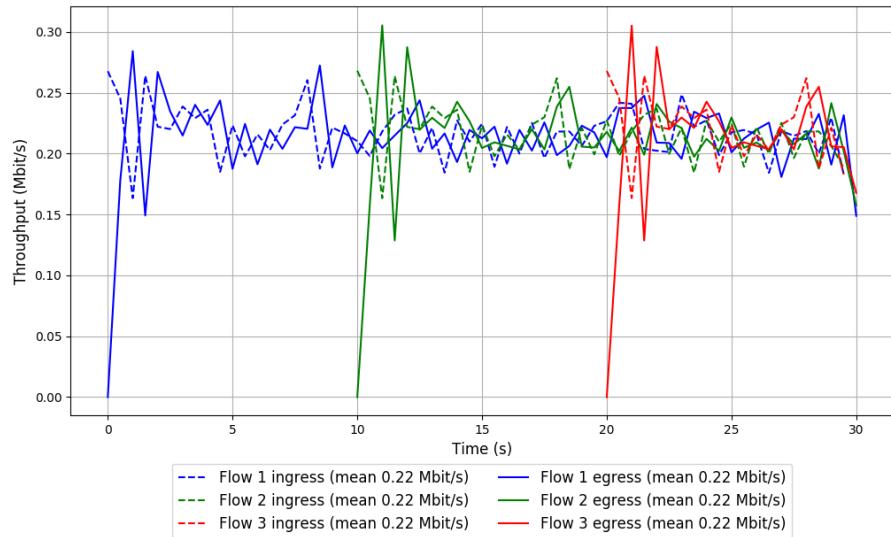


Run 7: Statistics of SCReAM

```
Start at: 2018-07-25 11:05:12
End at: 2018-07-25 11:05:42
Local clock offset: -0.209 ms
Remote clock offset: -34.953 ms

# Below is generated by plot.py at 2018-07-25 13:42:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 135.730 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 134.350 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 135.777 ms
Loss rate: 1.03%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 134.559 ms
Loss rate: 1.84%
```

Run 7: Report of SCReAM — Data Link

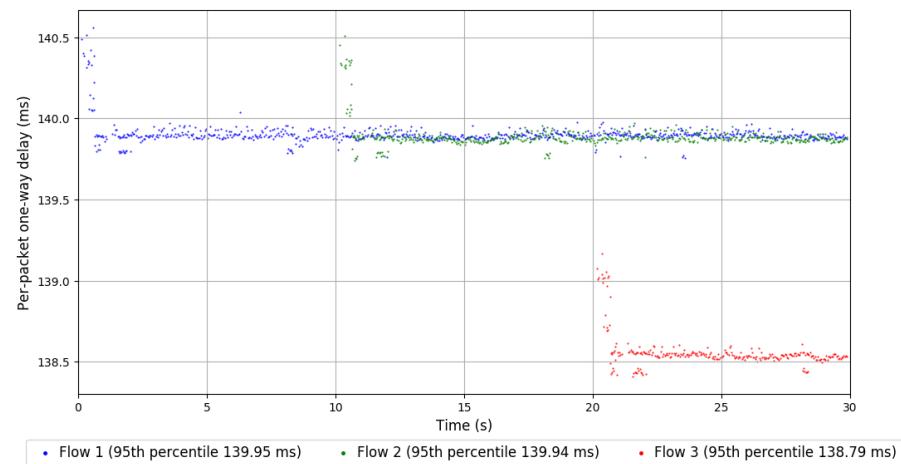
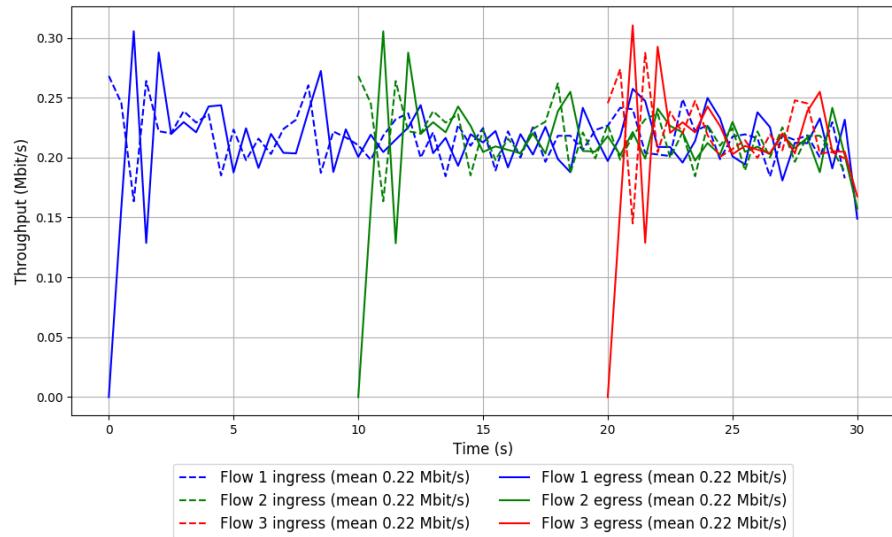


Run 8: Statistics of SCReAM

```
Start at: 2018-07-25 11:35:15
End at: 2018-07-25 11:35:45
Local clock offset: 2.657 ms
Remote clock offset: -36.365 ms

# Below is generated by plot.py at 2018-07-25 13:42:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 139.945 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 139.951 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 139.942 ms
Loss rate: 1.03%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 138.788 ms
Loss rate: 1.83%
```

Run 8: Report of SCReAM — Data Link

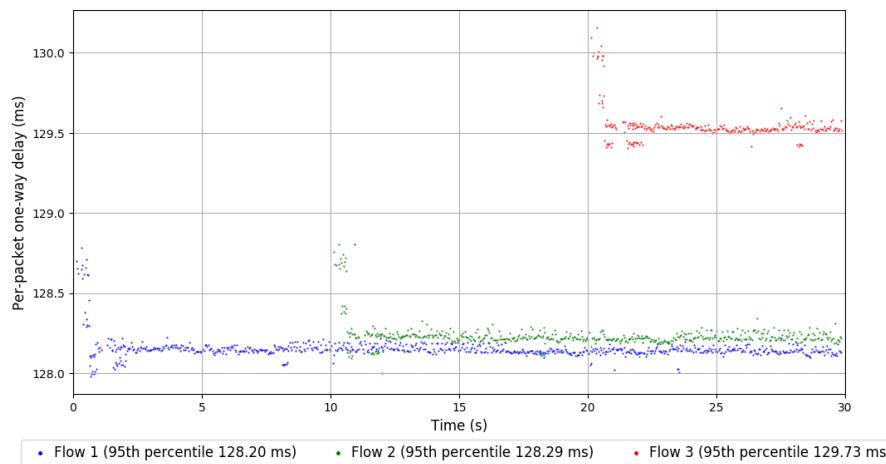
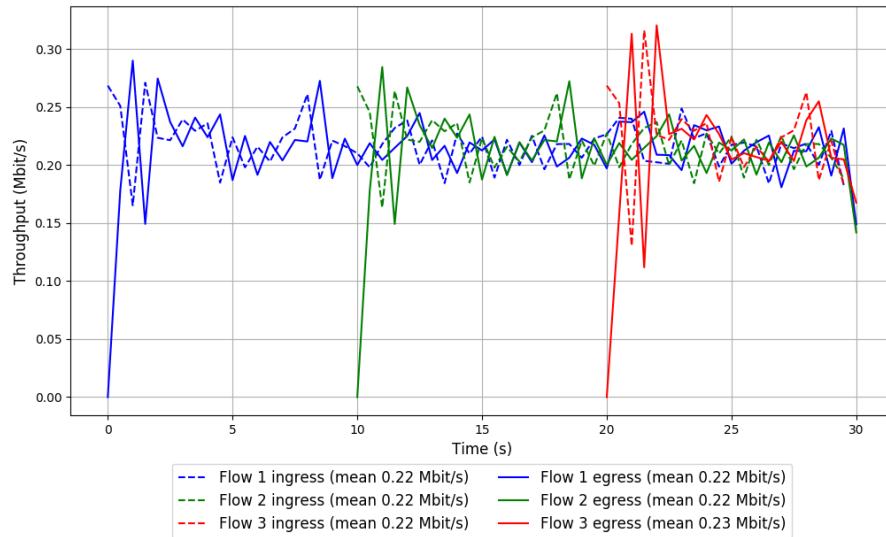


Run 9: Statistics of SCReAM

```
Start at: 2018-07-25 12:16:57
End at: 2018-07-25 12:17:27
Local clock offset: -1.581 ms
Remote clock offset: -30.654 ms

# Below is generated by plot.py at 2018-07-25 13:42:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 129.543 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 128.198 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 128.286 ms
Loss rate: 1.03%
-- Flow 3:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 129.734 ms
Loss rate: 1.82%
```

Run 9: Report of SCReAM — Data Link

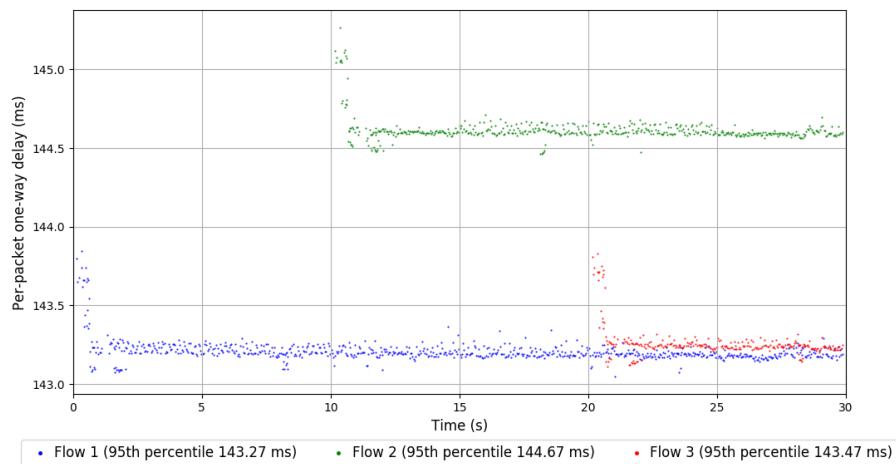
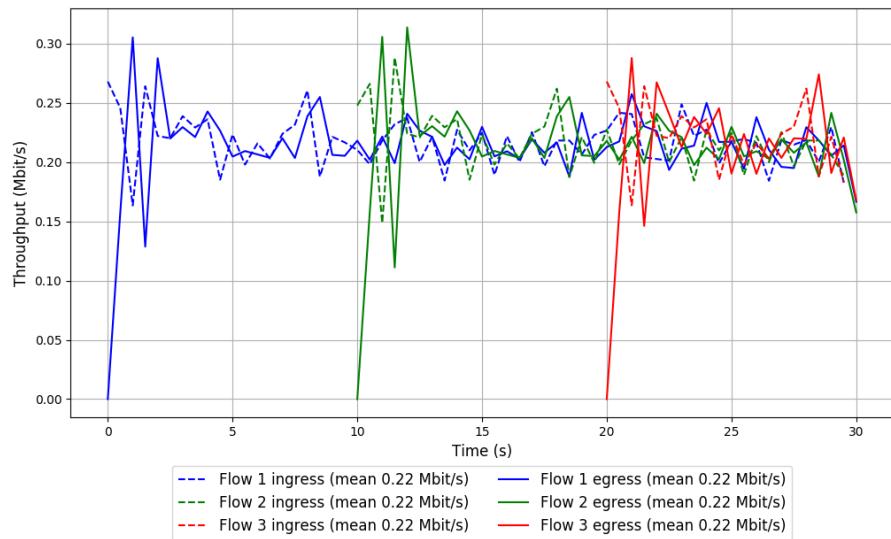


Run 10: Statistics of SCReAM

```
Start at: 2018-07-25 12:47:14
End at: 2018-07-25 12:47:44
Local clock offset: 3.217 ms
Remote clock offset: -41.279 ms

# Below is generated by plot.py at 2018-07-25 13:42:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 144.640 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 143.271 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 144.670 ms
Loss rate: 1.03%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 143.467 ms
Loss rate: 1.84%
```

## Run 10: Report of SCReAM — Data Link

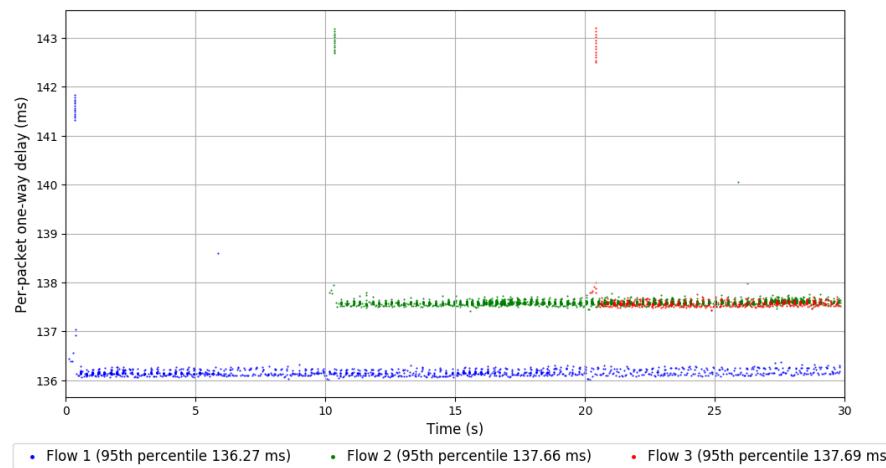
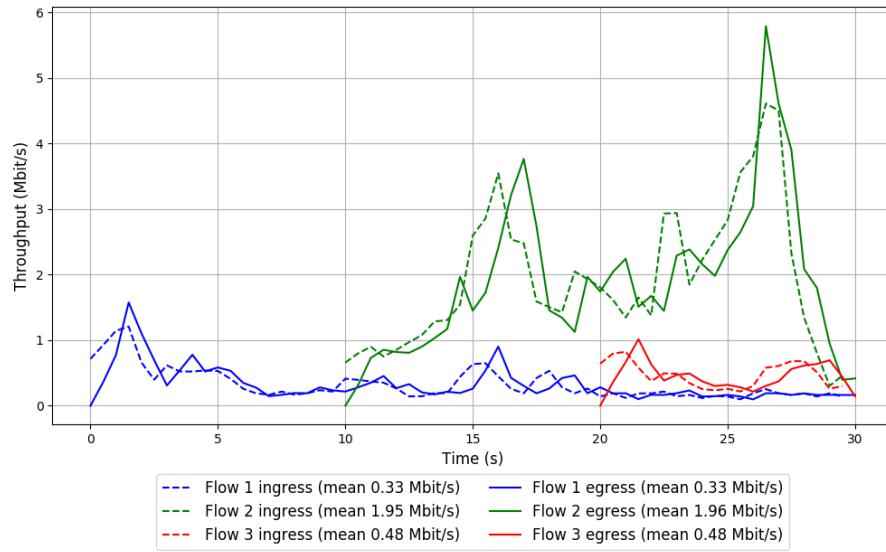


Run 1: Statistics of Sprout

```
Start at: 2018-07-25 07:53:35
End at: 2018-07-25 07:54:05
Local clock offset: -1.921 ms
Remote clock offset: -34.648 ms

# Below is generated by plot.py at 2018-07-25 13:42:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.79 Mbit/s
95th percentile per-packet one-way delay: 137.652 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 136.267 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 1.96 Mbit/s
95th percentile per-packet one-way delay: 137.656 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 137.687 ms
Loss rate: 1.71%
```

## Run 1: Report of Sprout — Data Link

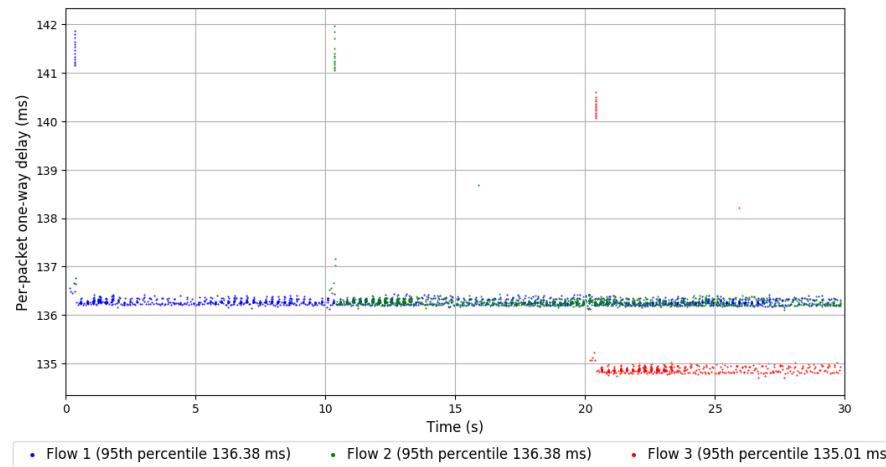
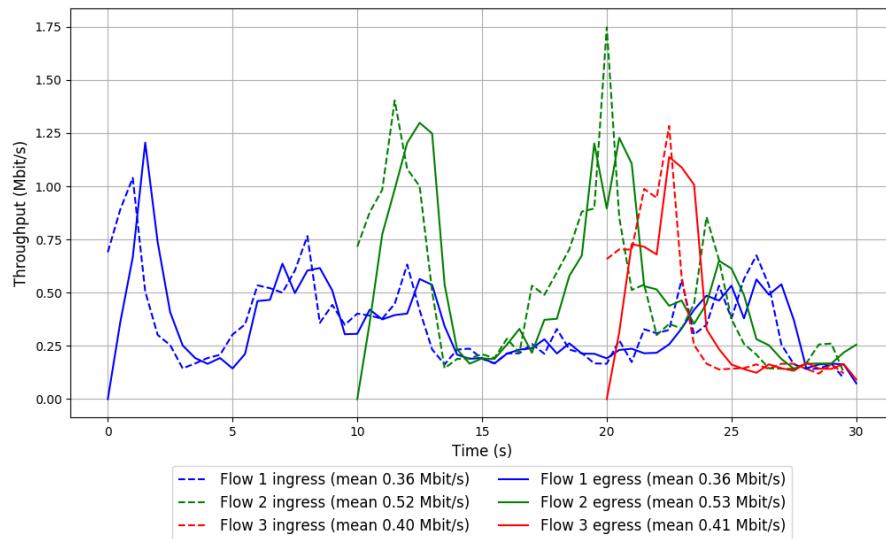


Run 2: Statistics of Sprout

```
Start at: 2018-07-25 08:23:32
End at: 2018-07-25 08:24:02
Local clock offset: -0.168 ms
Remote clock offset: -29.405 ms

# Below is generated by plot.py at 2018-07-25 13:42:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.84 Mbit/s
95th percentile per-packet one-way delay: 136.379 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 136.385 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 0.53 Mbit/s
95th percentile per-packet one-way delay: 136.381 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 135.007 ms
Loss rate: 0.93%
```

Run 2: Report of Sprout — Data Link

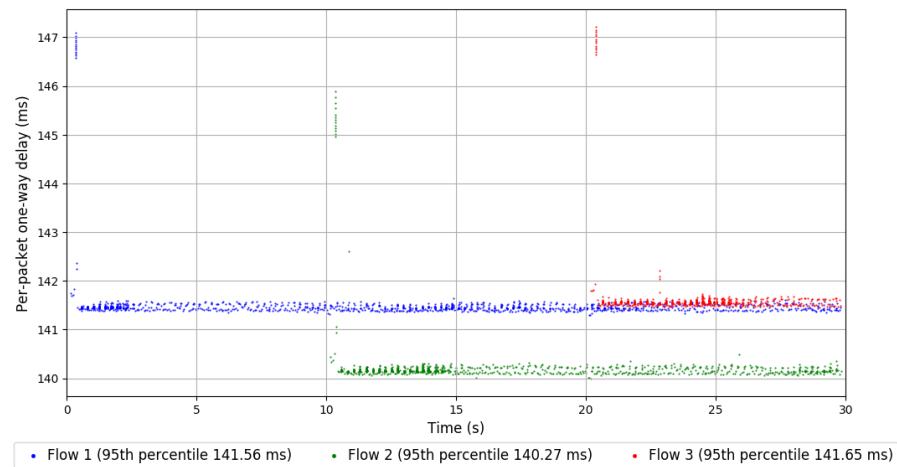
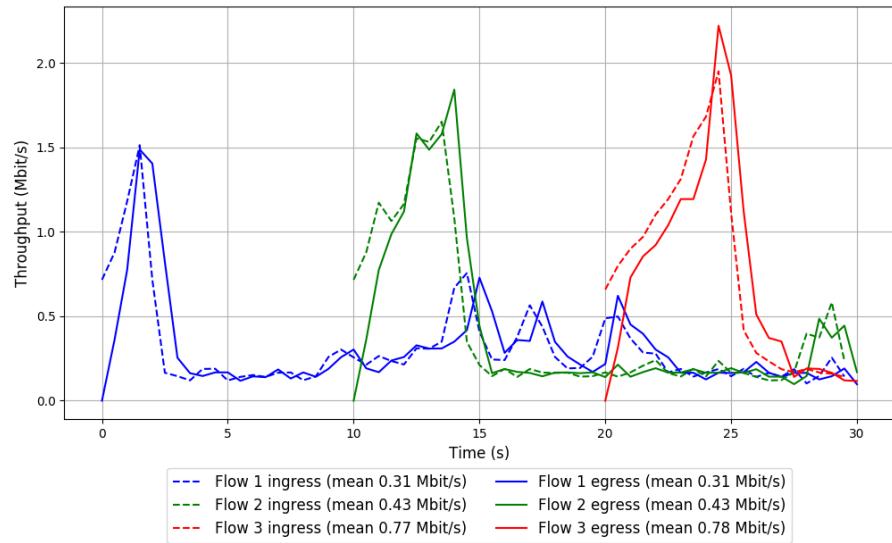


Run 3: Statistics of Sprout

```
Start at: 2018-07-25 08:53:49
End at: 2018-07-25 08:54:19
Local clock offset: 1.663 ms
Remote clock offset: -32.975 ms

# Below is generated by plot.py at 2018-07-25 13:42:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.85 Mbit/s
95th percentile per-packet one-way delay: 141.604 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 141.558 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 140.271 ms
Loss rate: 1.22%
-- Flow 3:
Average throughput: 0.78 Mbit/s
95th percentile per-packet one-way delay: 141.648 ms
Loss rate: 0.61%
```

Run 3: Report of Sprout — Data Link

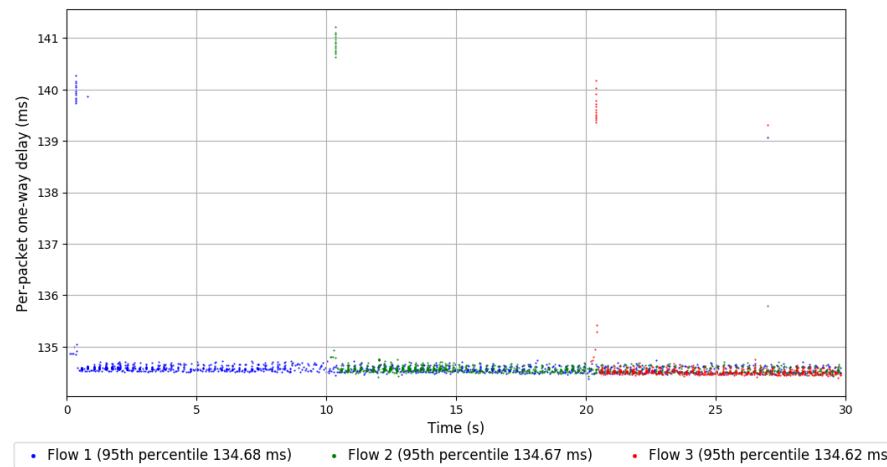
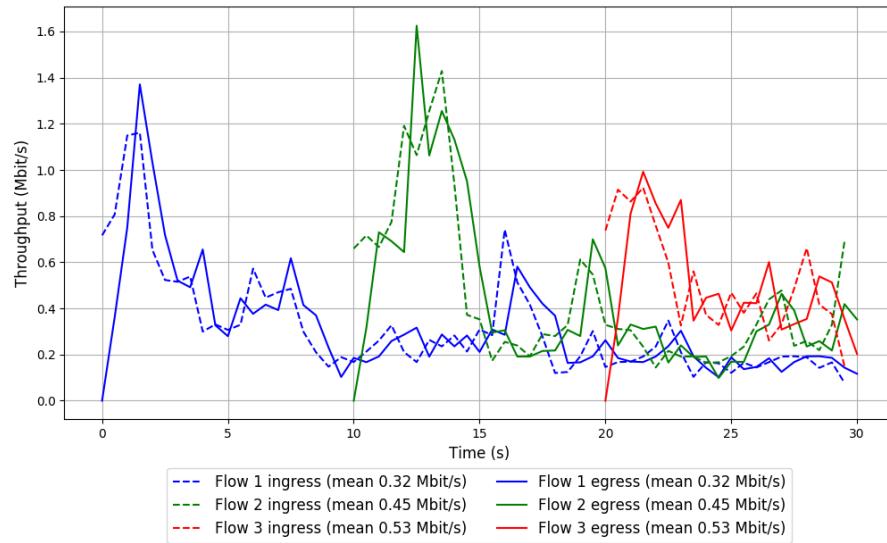


Run 4: Statistics of Sprout

```
Start at: 2018-07-25 09:29:24
End at: 2018-07-25 09:29:54
Local clock offset: -0.813 ms
Remote clock offset: -30.164 ms

# Below is generated by plot.py at 2018-07-25 13:42:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.79 Mbit/s
95th percentile per-packet one-way delay: 134.673 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 134.677 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 134.670 ms
Loss rate: 1.90%
-- Flow 3:
Average throughput: 0.53 Mbit/s
95th percentile per-packet one-way delay: 134.620 ms
Loss rate: 1.25%
```

Run 4: Report of Sprout — Data Link

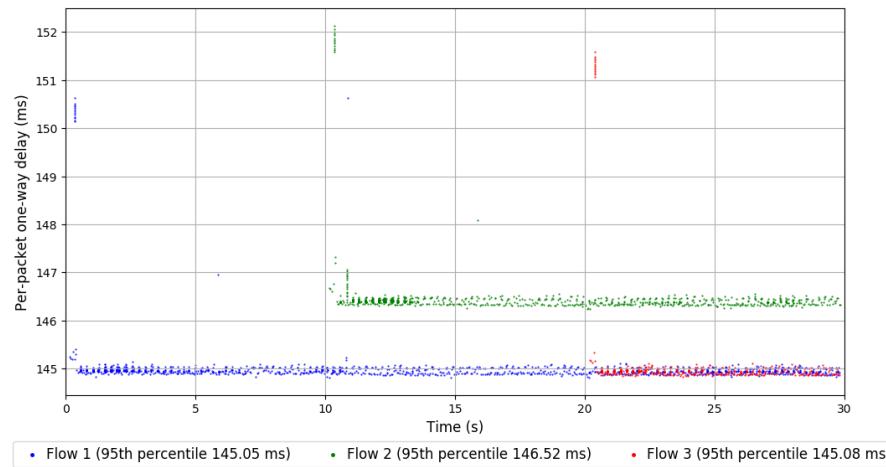
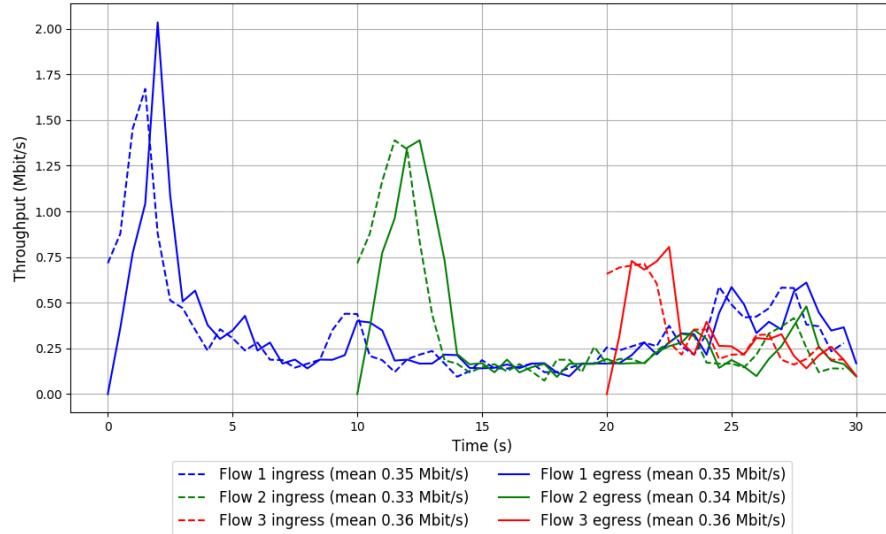


Run 5: Statistics of Sprout

```
Start at: 2018-07-25 10:05:10
End at: 2018-07-25 10:05:40
Local clock offset: 3.084 ms
Remote clock offset: -40.193 ms

# Below is generated by plot.py at 2018-07-25 13:42:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.69 Mbit/s
95th percentile per-packet one-way delay: 146.475 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 145.054 ms
Loss rate: 0.77%
-- Flow 2:
Average throughput: 0.34 Mbit/s
95th percentile per-packet one-way delay: 146.522 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 145.076 ms
Loss rate: 1.35%
```

## Run 5: Report of Sprout — Data Link

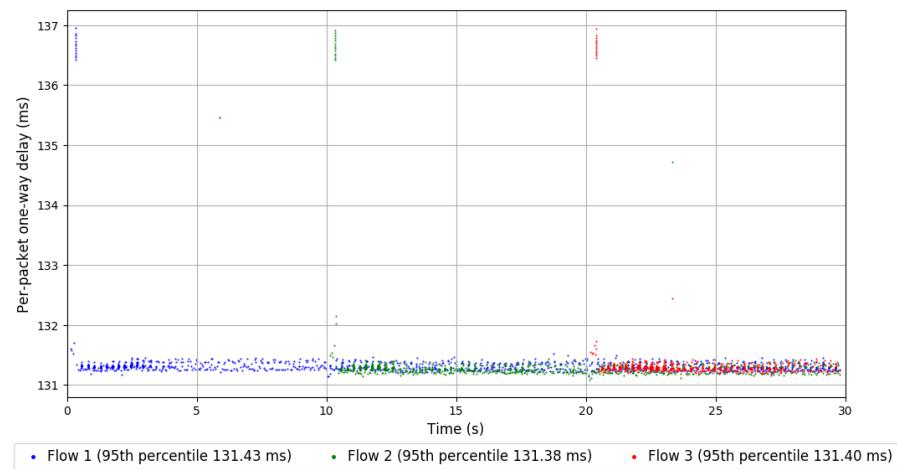
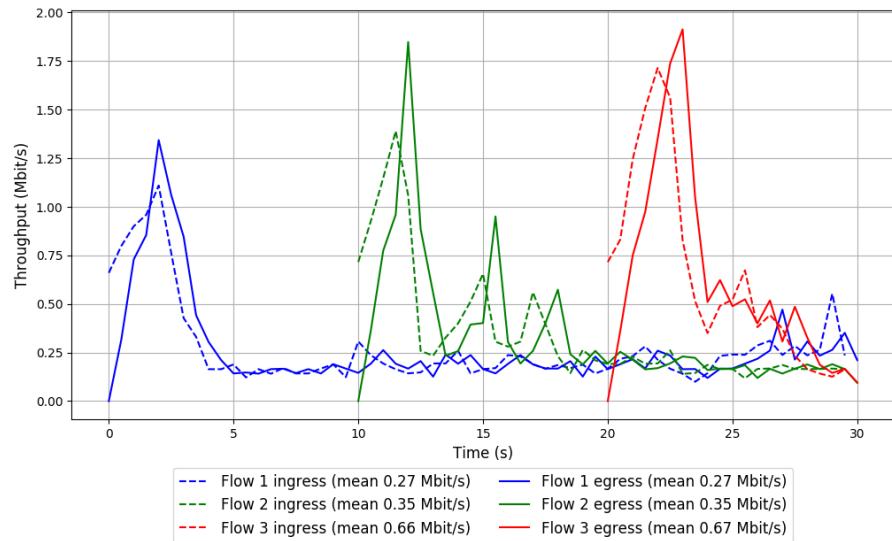


Run 6: Statistics of Sprout

```
Start at: 2018-07-25 10:39:18
End at: 2018-07-25 10:39:48
Local clock offset: -7.294 ms
Remote clock offset: -38.28 ms

# Below is generated by plot.py at 2018-07-25 13:42:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.72 Mbit/s
95th percentile per-packet one-way delay: 131.413 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 131.430 ms
Loss rate: 1.40%
-- Flow 2:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 131.381 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 0.67 Mbit/s
95th percentile per-packet one-way delay: 131.398 ms
Loss rate: 0.54%
```

Run 6: Report of Sprout — Data Link

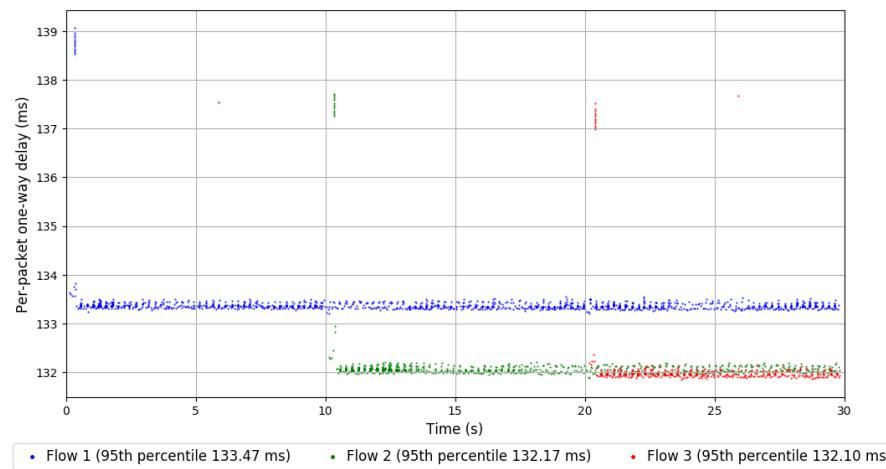
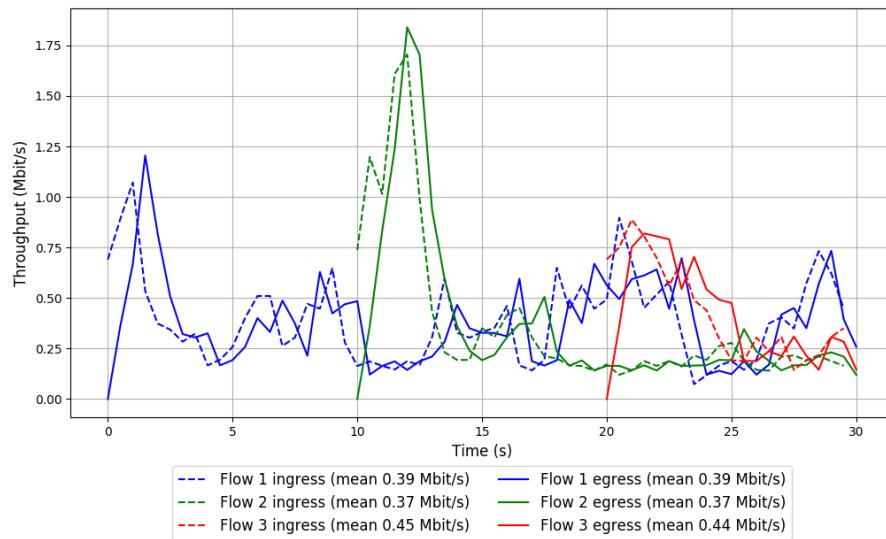


Run 7: Statistics of Sprout

```
Start at: 2018-07-25 11:03:56
End at: 2018-07-25 11:04:26
Local clock offset: -0.612 ms
Remote clock offset: -33.049 ms

# Below is generated by plot.py at 2018-07-25 13:42:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.78 Mbit/s
95th percentile per-packet one-way delay: 133.451 ms
Loss rate: 1.53%
-- Flow 1:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 133.468 ms
Loss rate: 1.78%
-- Flow 2:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 132.171 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 132.097 ms
Loss rate: 2.64%
```

Run 7: Report of Sprout — Data Link

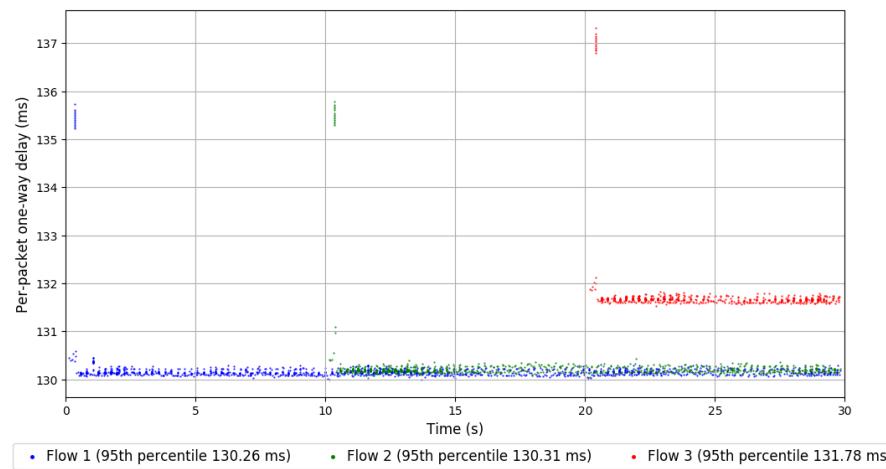
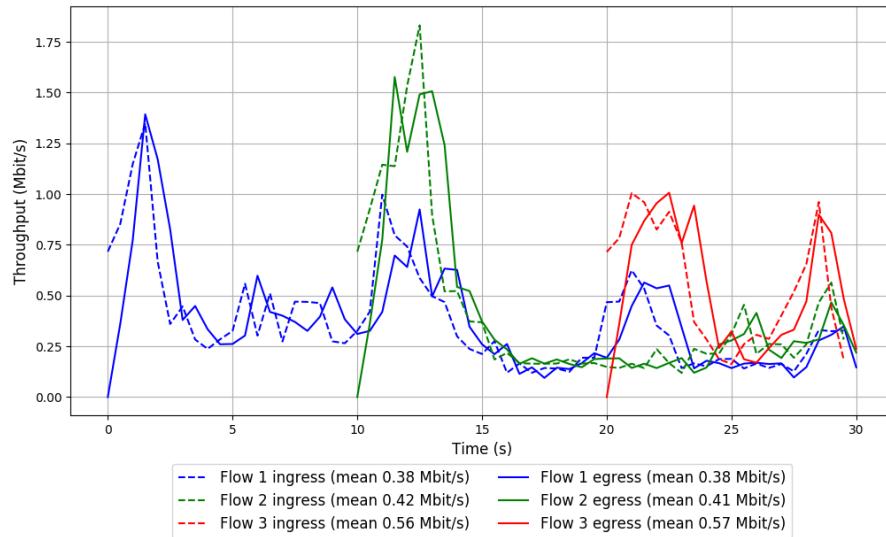


Run 8: Statistics of Sprout

```
Start at: 2018-07-25 11:34:00
End at: 2018-07-25 11:34:30
Local clock offset: 0.708 ms
Remote clock offset: -30.064 ms

# Below is generated by plot.py at 2018-07-25 13:42:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.84 Mbit/s
95th percentile per-packet one-way delay: 131.705 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 130.260 ms
Loss rate: 0.80%
-- Flow 2:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 130.312 ms
Loss rate: 1.67%
-- Flow 3:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 131.779 ms
Loss rate: 0.64%
```

Run 8: Report of Sprout — Data Link

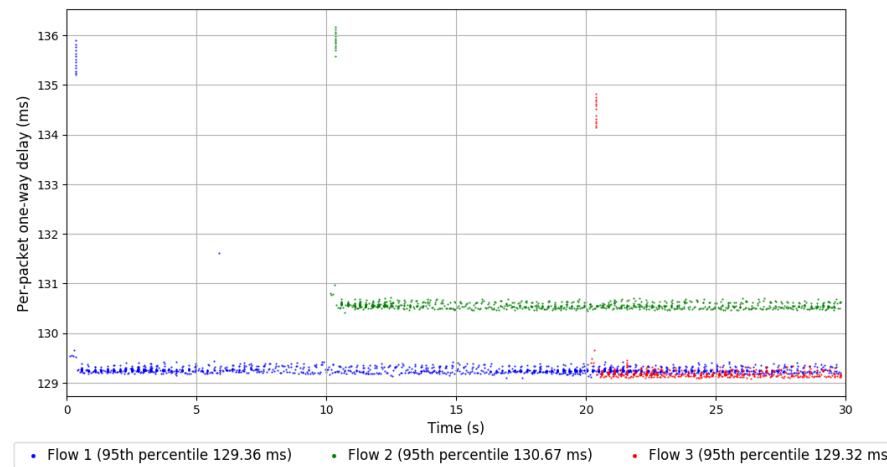
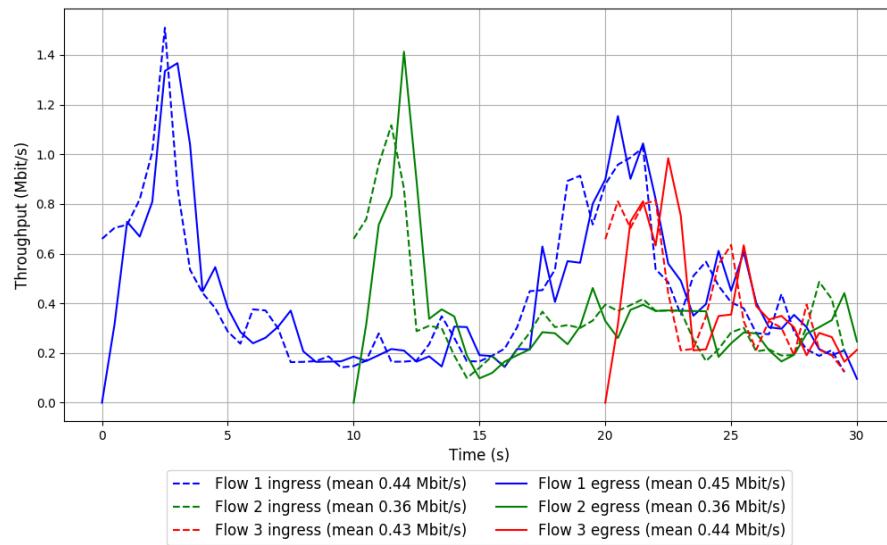


Run 9: Statistics of Sprout

```
Start at: 2018-07-25 12:15:43
End at: 2018-07-25 12:16:13
Local clock offset: 0.608 ms
Remote clock offset: -29.516 ms

# Below is generated by plot.py at 2018-07-25 13:42:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.83 Mbit/s
95th percentile per-packet one-way delay: 130.627 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 129.363 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 130.667 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 129.320 ms
Loss rate: 0.07%
```

Run 9: Report of Sprout — Data Link

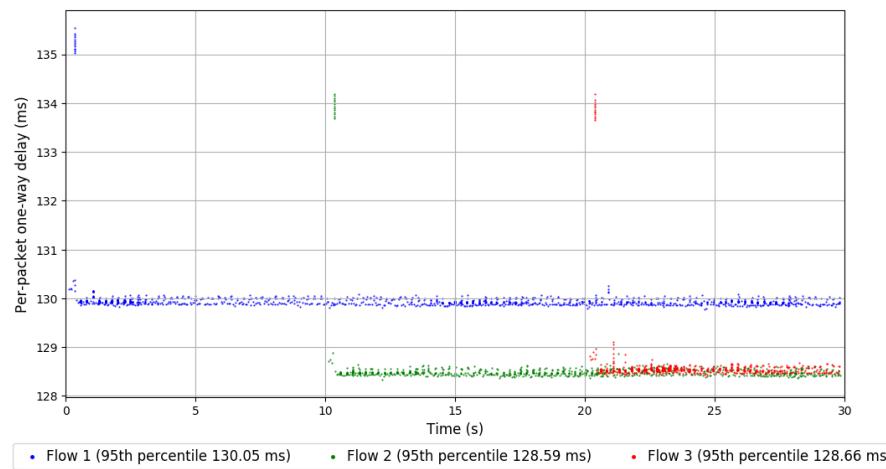
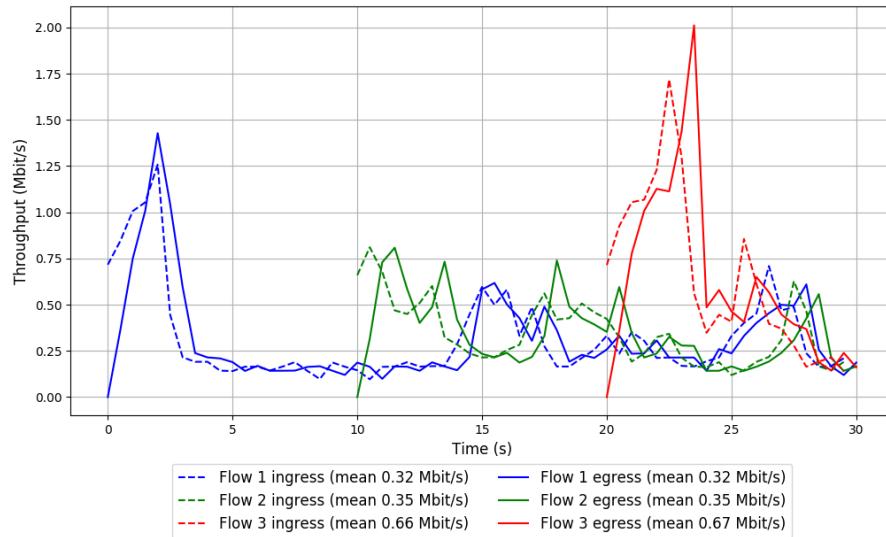


Run 10: Statistics of Sprout

```
Start at: 2018-07-25 12:45:57
End at: 2018-07-25 12:46:27
Local clock offset: 3.256 ms
Remote clock offset: -26.501 ms

# Below is generated by plot.py at 2018-07-25 13:42:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.77 Mbit/s
95th percentile per-packet one-way delay: 130.017 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 130.048 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 128.593 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 0.67 Mbit/s
95th percentile per-packet one-way delay: 128.659 ms
Loss rate: 0.54%
```

## Run 10: Report of Sprout — Data Link

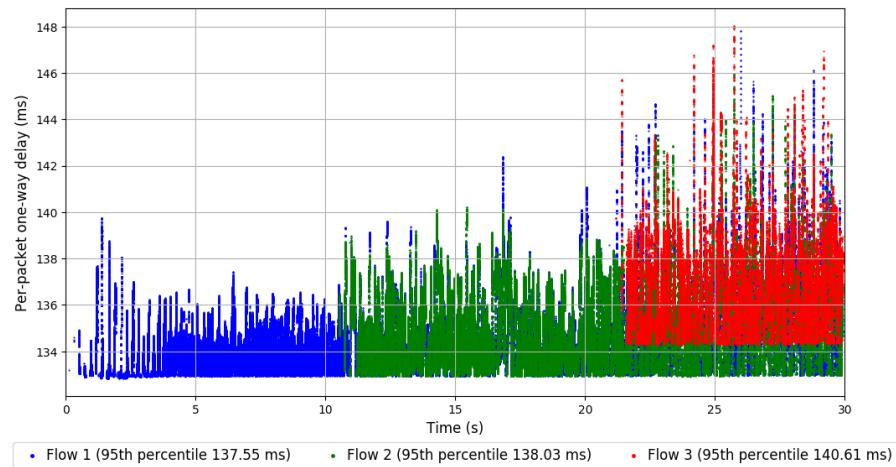
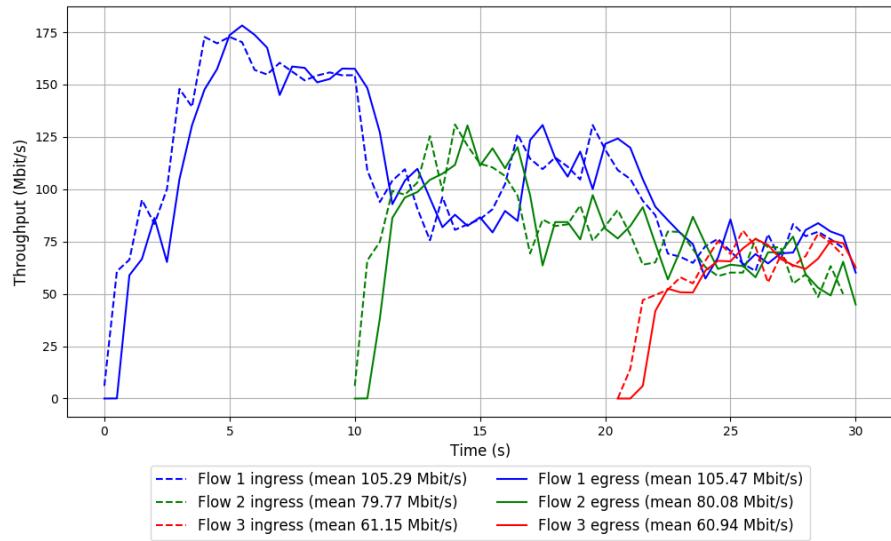


Run 1: Statistics of TaoVA-100x

```
Start at: 2018-07-25 07:56:05
End at: 2018-07-25 07:56:35
Local clock offset: -1.609 ms
Remote clock offset: -30.92 ms

# Below is generated by plot.py at 2018-07-25 13:45:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 176.87 Mbit/s
95th percentile per-packet one-way delay: 138.345 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 105.47 Mbit/s
95th percentile per-packet one-way delay: 137.553 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 80.08 Mbit/s
95th percentile per-packet one-way delay: 138.034 ms
Loss rate: 0.60%
-- Flow 3:
Average throughput: 60.94 Mbit/s
95th percentile per-packet one-way delay: 140.613 ms
Loss rate: 2.50%
```

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

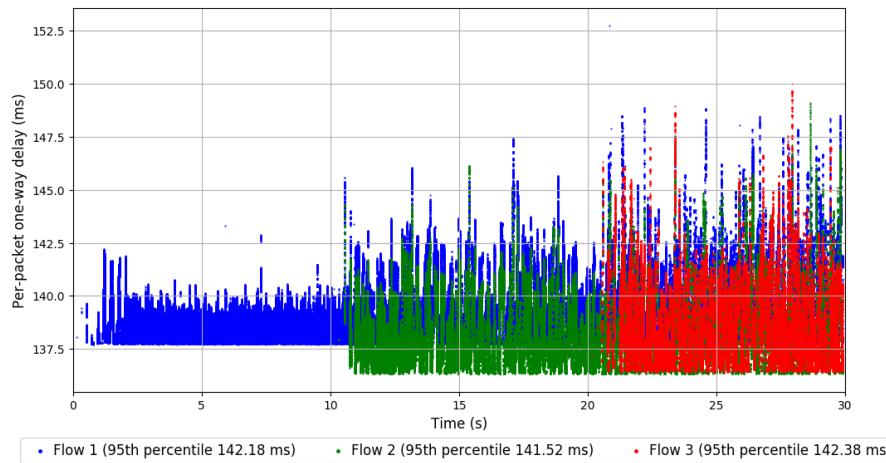
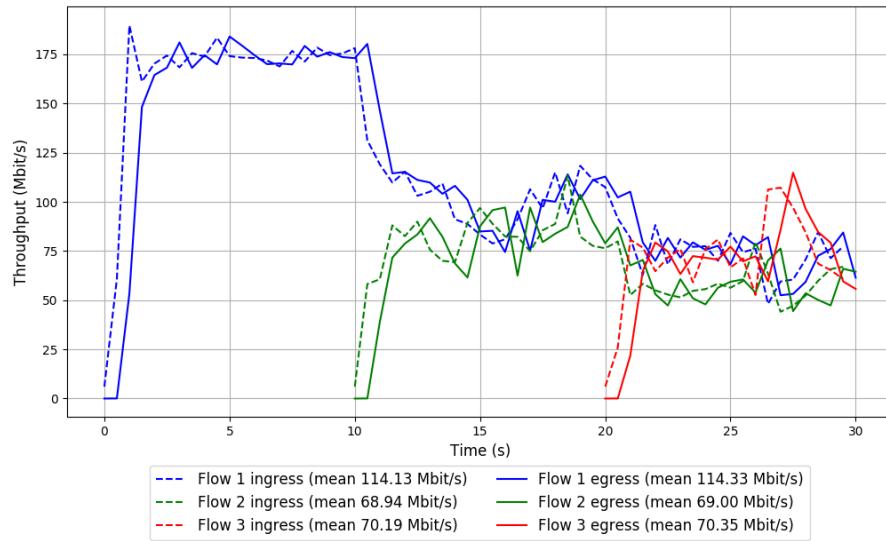


Run 2: Statistics of TaoVA-100x

```
Start at: 2018-07-25 08:26:02
End at: 2018-07-25 08:26:32
Local clock offset: -0.715 ms
Remote clock offset: -31.499 ms

# Below is generated by plot.py at 2018-07-25 13:45:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 183.18 Mbit/s
95th percentile per-packet one-way delay: 142.086 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 114.33 Mbit/s
95th percentile per-packet one-way delay: 142.184 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 69.00 Mbit/s
95th percentile per-packet one-way delay: 141.522 ms
Loss rate: 0.92%
-- Flow 3:
Average throughput: 70.35 Mbit/s
95th percentile per-packet one-way delay: 142.378 ms
Loss rate: 1.73%
```

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

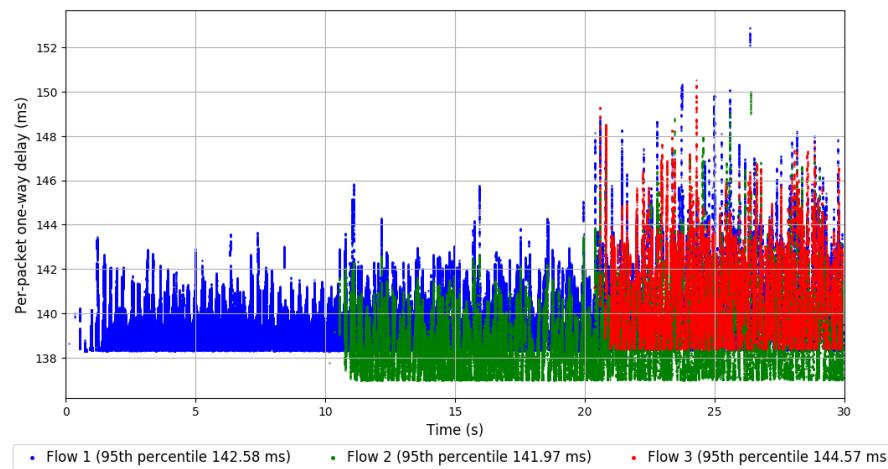
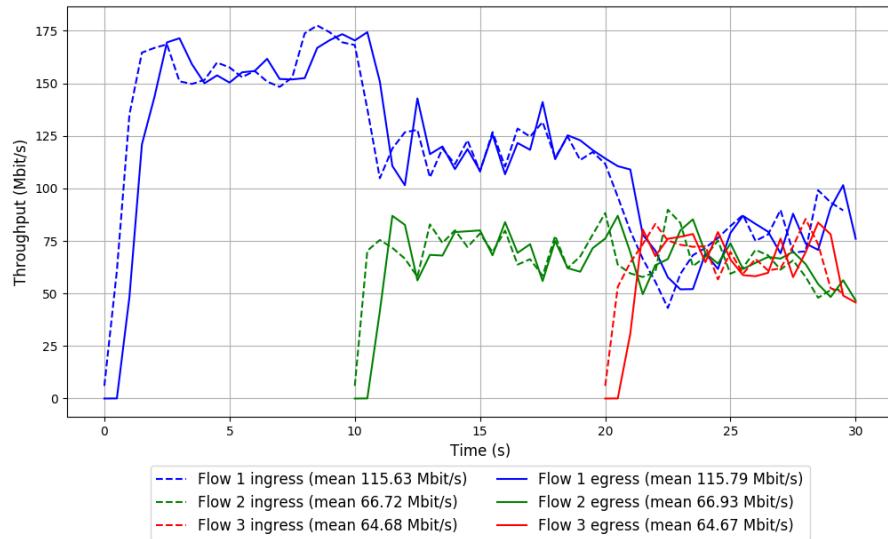


Run 3: Statistics of TaoVA-100x

```
Start at: 2018-07-25 08:56:20
End at: 2018-07-25 08:56:50
Local clock offset: -0.412 ms
Remote clock offset: -31.972 ms

# Below is generated by plot.py at 2018-07-25 13:45:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 181.34 Mbit/s
95th percentile per-packet one-way delay: 142.880 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 115.79 Mbit/s
95th percentile per-packet one-way delay: 142.577 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 66.93 Mbit/s
95th percentile per-packet one-way delay: 141.967 ms
Loss rate: 0.66%
-- Flow 3:
Average throughput: 64.67 Mbit/s
95th percentile per-packet one-way delay: 144.570 ms
Loss rate: 1.97%
```

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

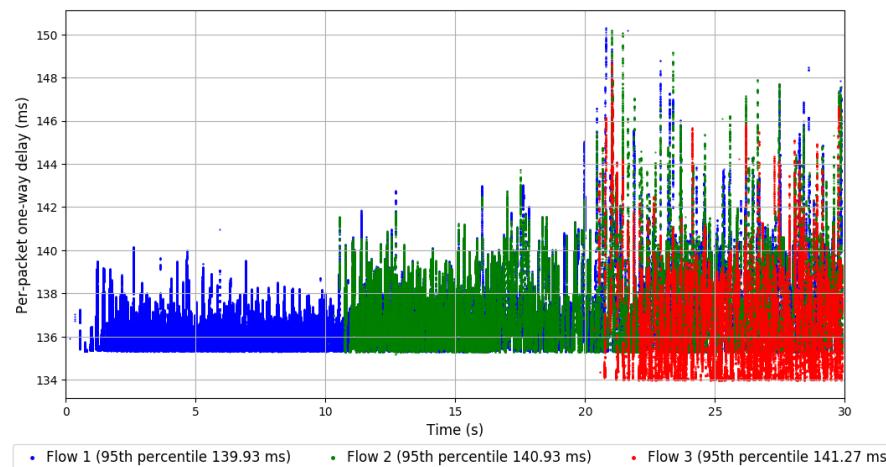
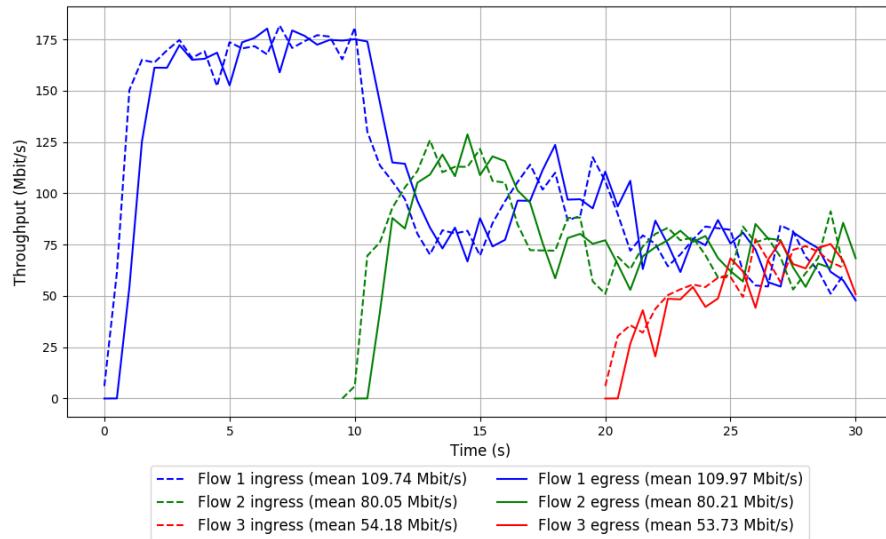


Run 4: Statistics of TaoVA-100x

```
Start at: 2018-07-25 09:31:54
End at: 2018-07-25 09:32:24
Local clock offset: 1.003 ms
Remote clock offset: -29.406 ms

# Below is generated by plot.py at 2018-07-25 13:45:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 180.87 Mbit/s
95th percentile per-packet one-way delay: 140.371 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 109.97 Mbit/s
95th percentile per-packet one-way delay: 139.934 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 80.21 Mbit/s
95th percentile per-packet one-way delay: 140.930 ms
Loss rate: 0.79%
-- Flow 3:
Average throughput: 53.73 Mbit/s
95th percentile per-packet one-way delay: 141.269 ms
Loss rate: 2.78%
```

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

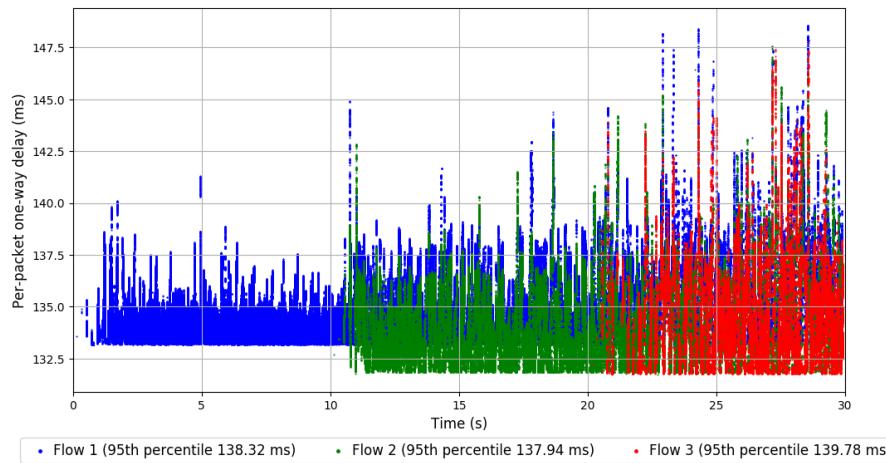
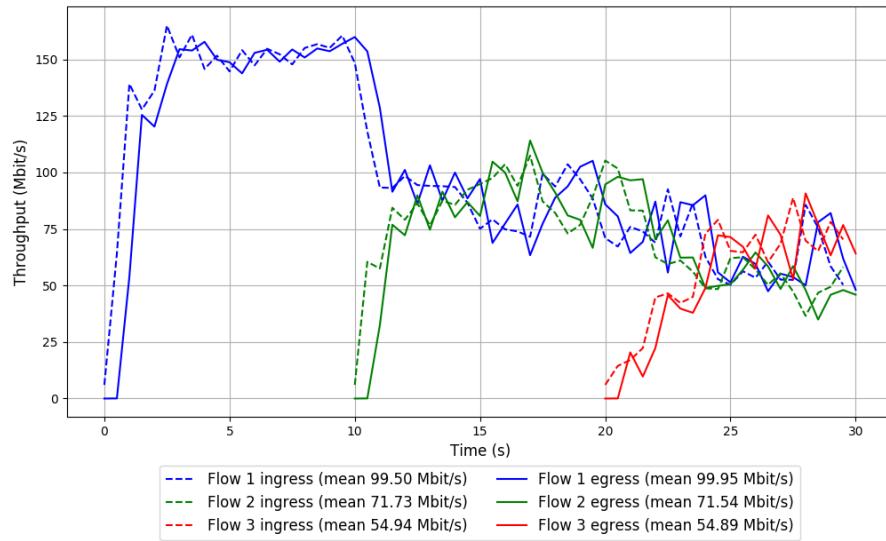


Run 5: Statistics of TaoVA-100x

```
Start at: 2018-07-25 10:07:41
End at: 2018-07-25 10:08:11
Local clock offset: 0.401 ms
Remote clock offset: -29.887 ms

# Below is generated by plot.py at 2018-07-25 13:45:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 165.30 Mbit/s
95th percentile per-packet one-way delay: 138.359 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 99.95 Mbit/s
95th percentile per-packet one-way delay: 138.318 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 71.54 Mbit/s
95th percentile per-packet one-way delay: 137.944 ms
Loss rate: 1.00%
-- Flow 3:
Average throughput: 54.89 Mbit/s
95th percentile per-packet one-way delay: 139.778 ms
Loss rate: 2.06%
```

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

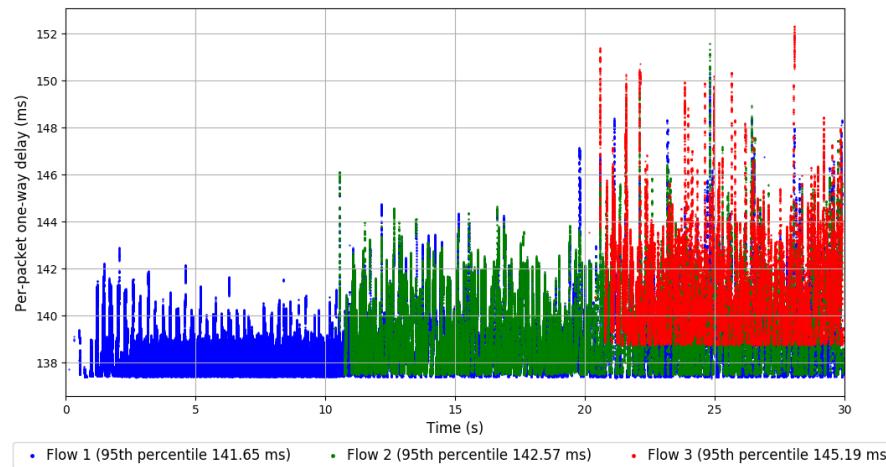
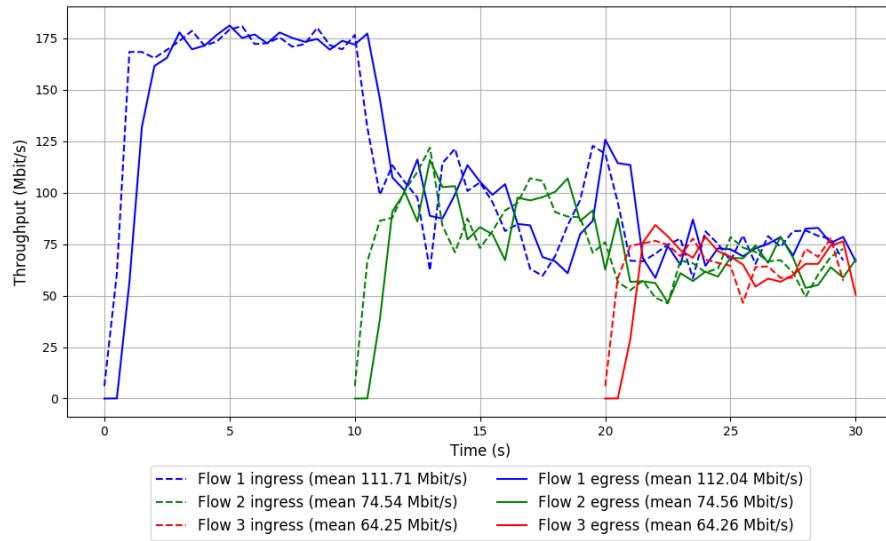


Run 6: Statistics of TaoVA-100x

```
Start at: 2018-07-25 10:41:48
End at: 2018-07-25 10:42:18
Local clock offset: 0.726 ms
Remote clock offset: -36.58 ms

# Below is generated by plot.py at 2018-07-25 13:46:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 182.56 Mbit/s
95th percentile per-packet one-way delay: 142.703 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 112.04 Mbit/s
95th percentile per-packet one-way delay: 141.654 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 74.56 Mbit/s
95th percentile per-packet one-way delay: 142.573 ms
Loss rate: 0.95%
-- Flow 3:
Average throughput: 64.26 Mbit/s
95th percentile per-packet one-way delay: 145.193 ms
Loss rate: 1.95%
```

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

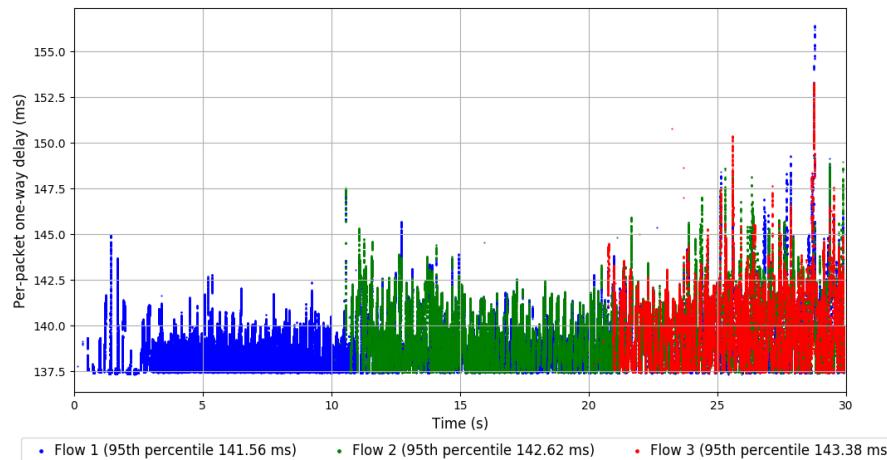
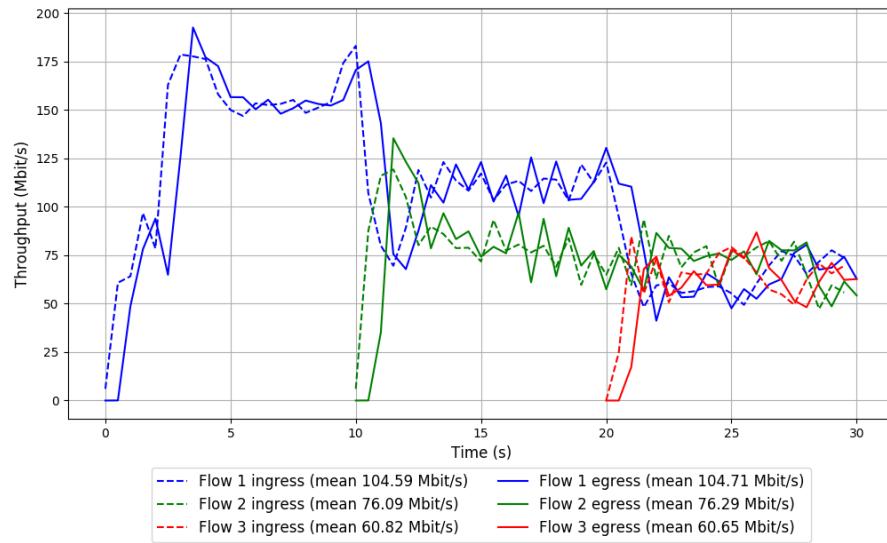


Run 7: Statistics of TaoVA-100x

```
Start at: 2018-07-25 11:06:26
End at: 2018-07-25 11:06:56
Local clock offset: 0.544 ms
Remote clock offset: -36.103 ms

# Below is generated by plot.py at 2018-07-25 13:46:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 175.20 Mbit/s
95th percentile per-packet one-way delay: 142.204 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 104.71 Mbit/s
95th percentile per-packet one-way delay: 141.562 ms
Loss rate: 0.54%
-- Flow 2:
Average throughput: 76.29 Mbit/s
95th percentile per-packet one-way delay: 142.621 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 60.65 Mbit/s
95th percentile per-packet one-way delay: 143.381 ms
Loss rate: 2.21%
```

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

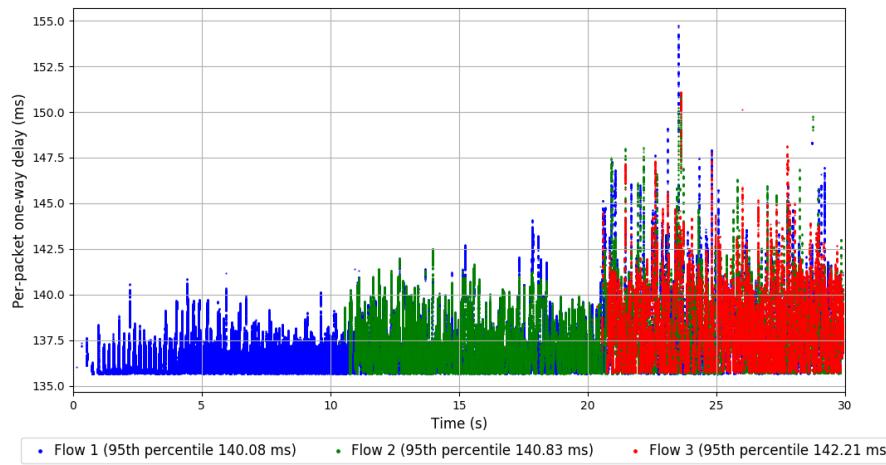
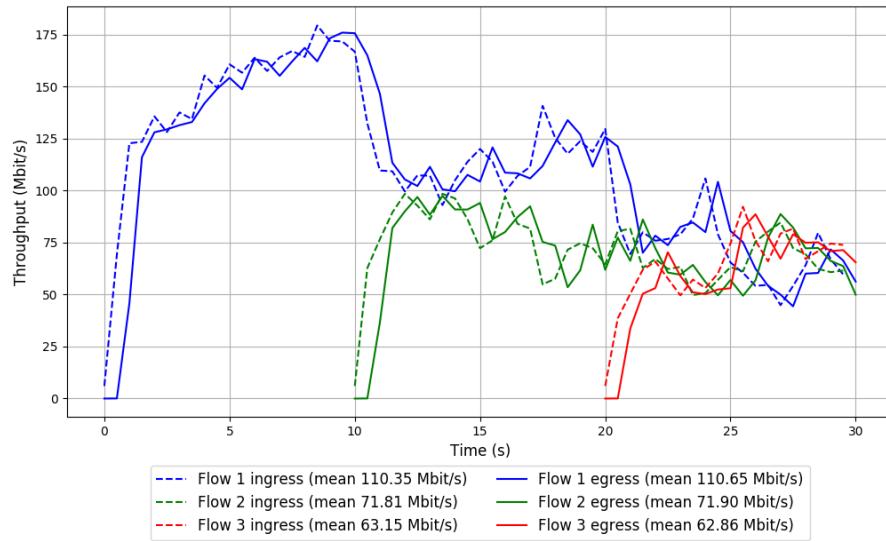


Run 8: Statistics of TaoVA-100x

```
Start at: 2018-07-25 11:36:30
End at: 2018-07-25 11:37:00
Local clock offset: 0.68 ms
Remote clock offset: -34.21 ms

# Below is generated by plot.py at 2018-07-25 13:46:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 178.96 Mbit/s
95th percentile per-packet one-way delay: 140.712 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 110.65 Mbit/s
95th percentile per-packet one-way delay: 140.083 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 71.90 Mbit/s
95th percentile per-packet one-way delay: 140.834 ms
Loss rate: 0.88%
-- Flow 3:
Average throughput: 62.86 Mbit/s
95th percentile per-packet one-way delay: 142.209 ms
Loss rate: 2.44%
```

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

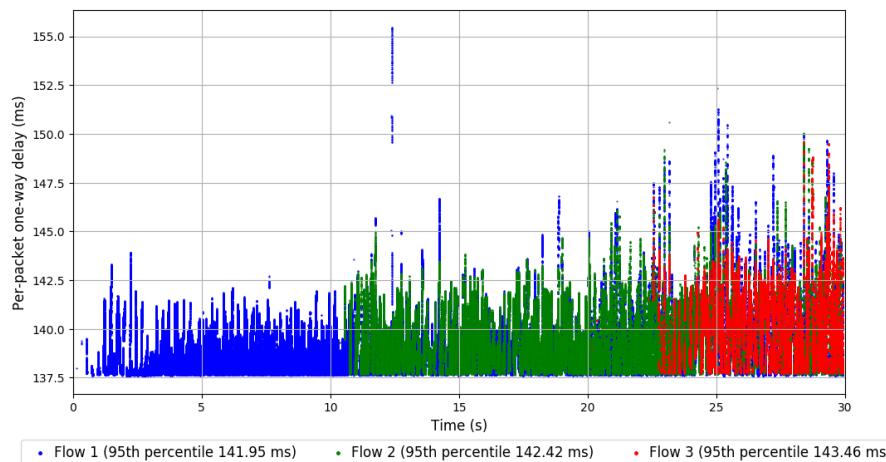
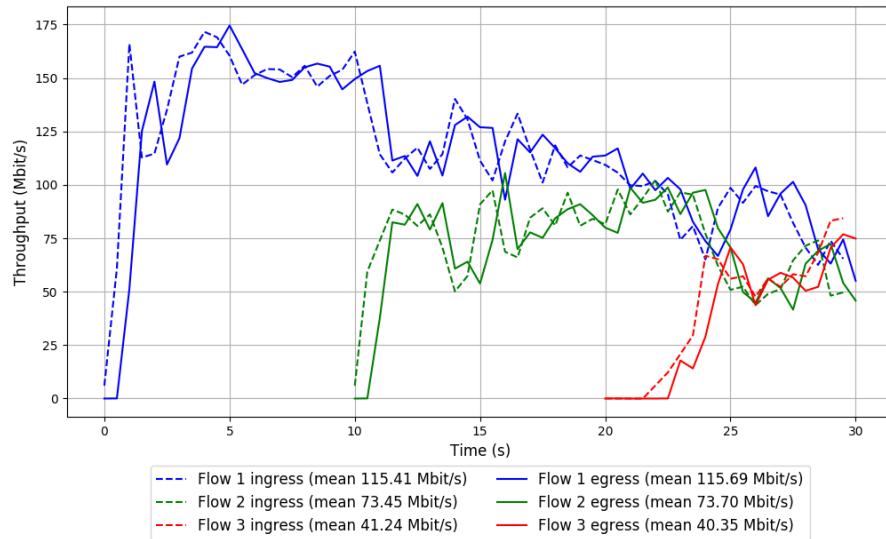


Run 9: Statistics of TaoVA-100x

```
Start at: 2018-07-25 12:18:12
End at: 2018-07-25 12:18:42
Local clock offset: 0.764 ms
Remote clock offset: -37.93 ms

# Below is generated by plot.py at 2018-07-25 13:48:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 177.82 Mbit/s
95th percentile per-packet one-way delay: 142.346 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 115.69 Mbit/s
95th percentile per-packet one-way delay: 141.946 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 73.70 Mbit/s
95th percentile per-packet one-way delay: 142.422 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 40.35 Mbit/s
95th percentile per-packet one-way delay: 143.464 ms
Loss rate: 4.09%
```

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

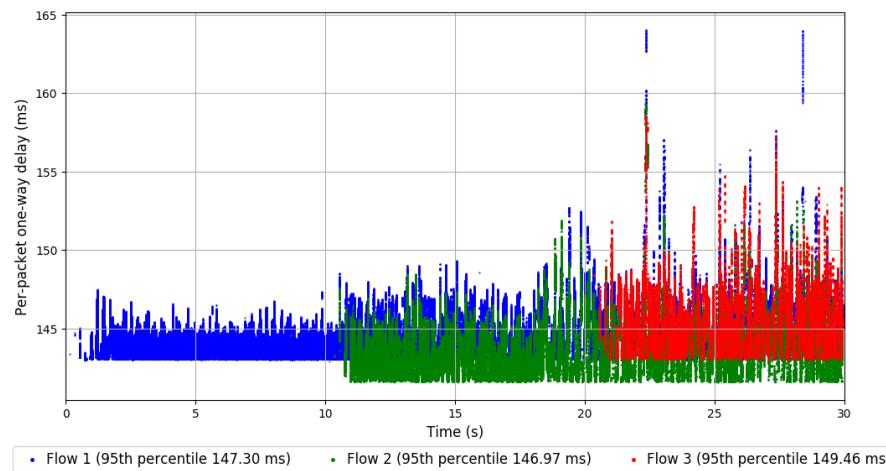
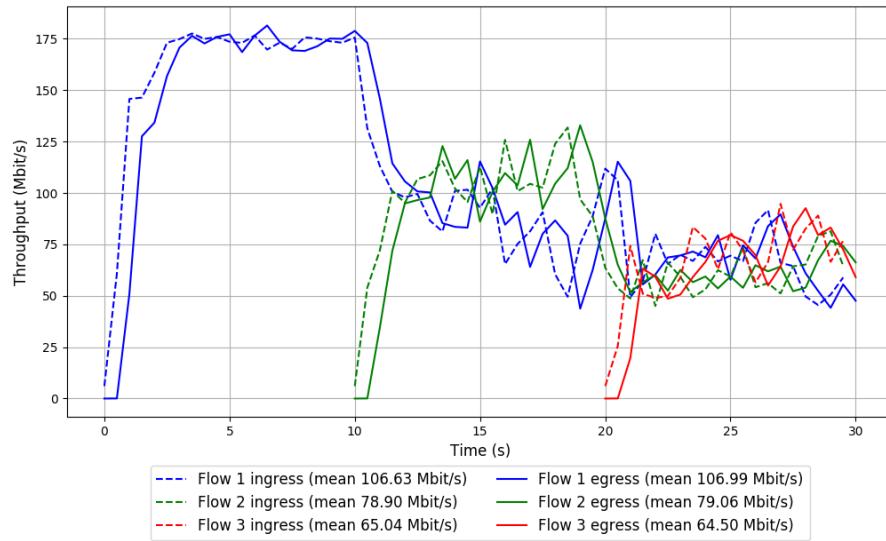


Run 10: Statistics of TaoVA-100x

```
Start at: 2018-07-25 12:48:28
End at: 2018-07-25 12:48:58
Local clock offset: 1.447 ms
Remote clock offset: -41.623 ms

# Below is generated by plot.py at 2018-07-25 13:49:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 180.59 Mbit/s
95th percentile per-packet one-way delay: 147.643 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 106.99 Mbit/s
95th percentile per-packet one-way delay: 147.301 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 79.06 Mbit/s
95th percentile per-packet one-way delay: 146.969 ms
Loss rate: 0.85%
-- Flow 3:
Average throughput: 64.50 Mbit/s
95th percentile per-packet one-way delay: 149.459 ms
Loss rate: 2.86%
```

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

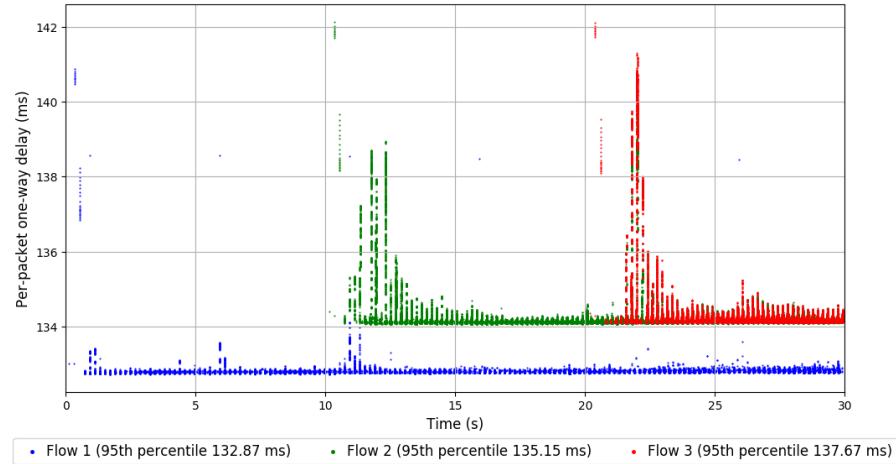
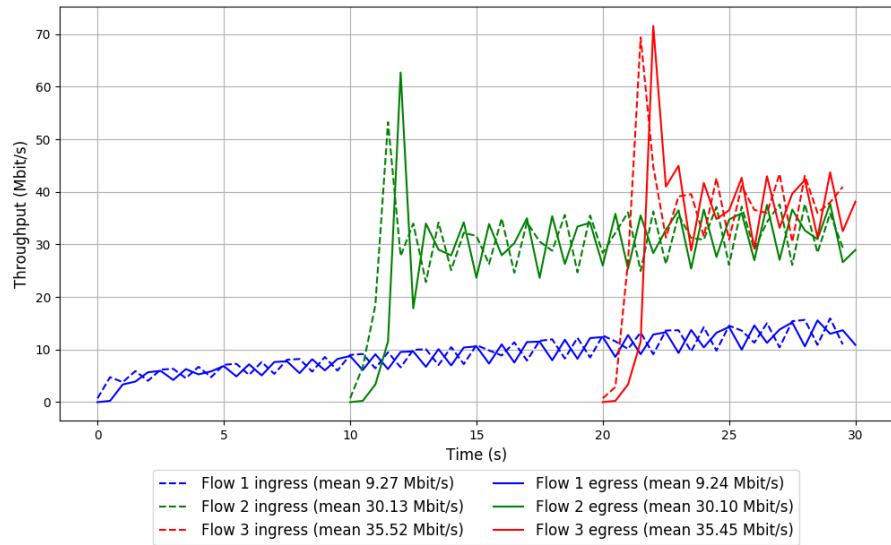


Run 1: Statistics of TCP Vegas

```
Start at: 2018-07-25 07:46:21
End at: 2018-07-25 07:46:51
Local clock offset: -0.434 ms
Remote clock offset: -30.451 ms

# Below is generated by plot.py at 2018-07-25 13:49:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 40.80 Mbit/s
95th percentile per-packet one-way delay: 135.108 ms
Loss rate: 1.35%
-- Flow 1:
Average throughput: 9.24 Mbit/s
95th percentile per-packet one-way delay: 132.869 ms
Loss rate: 0.98%
-- Flow 2:
Average throughput: 30.10 Mbit/s
95th percentile per-packet one-way delay: 135.148 ms
Loss rate: 1.07%
-- Flow 3:
Average throughput: 35.45 Mbit/s
95th percentile per-packet one-way delay: 137.667 ms
Loss rate: 2.12%
```

Run 1: Report of TCP Vegas — Data Link

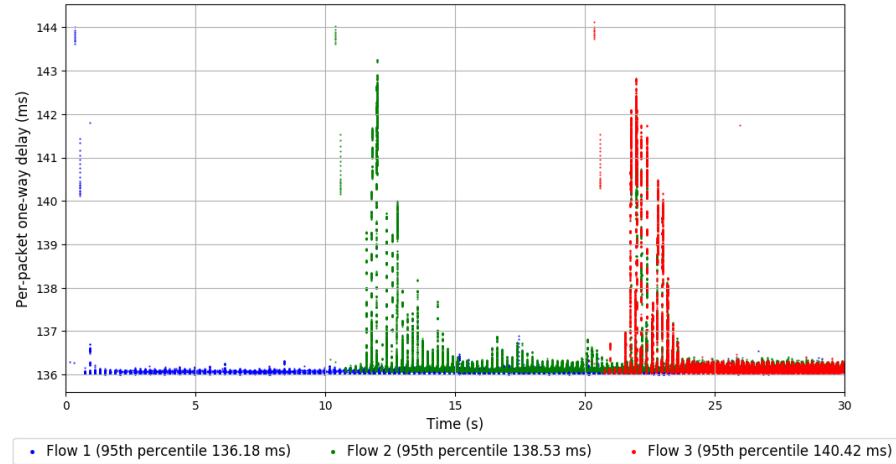
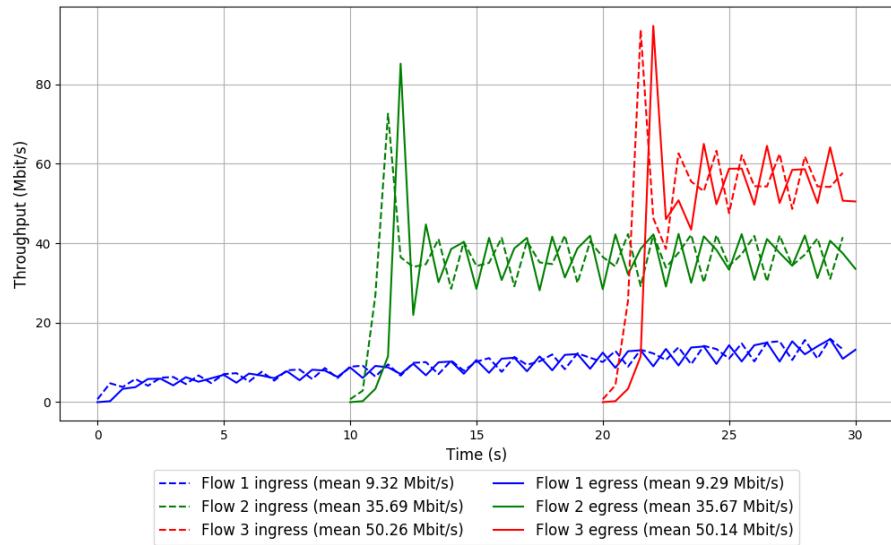


Run 2: Statistics of TCP Vegas

```
Start at: 2018-07-25 08:16:18
End at: 2018-07-25 08:16:48
Local clock offset: 1.528 ms
Remote clock offset: -28.91 ms

# Below is generated by plot.py at 2018-07-25 13:49:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.36 Mbit/s
95th percentile per-packet one-way delay: 138.781 ms
Loss rate: 1.39%
-- Flow 1:
Average throughput: 9.29 Mbit/s
95th percentile per-packet one-way delay: 136.176 ms
Loss rate: 0.98%
-- Flow 2:
Average throughput: 35.67 Mbit/s
95th percentile per-packet one-way delay: 138.534 ms
Loss rate: 1.00%
-- Flow 3:
Average throughput: 50.14 Mbit/s
95th percentile per-packet one-way delay: 140.416 ms
Loss rate: 2.16%
```

Run 2: Report of TCP Vegas — Data Link

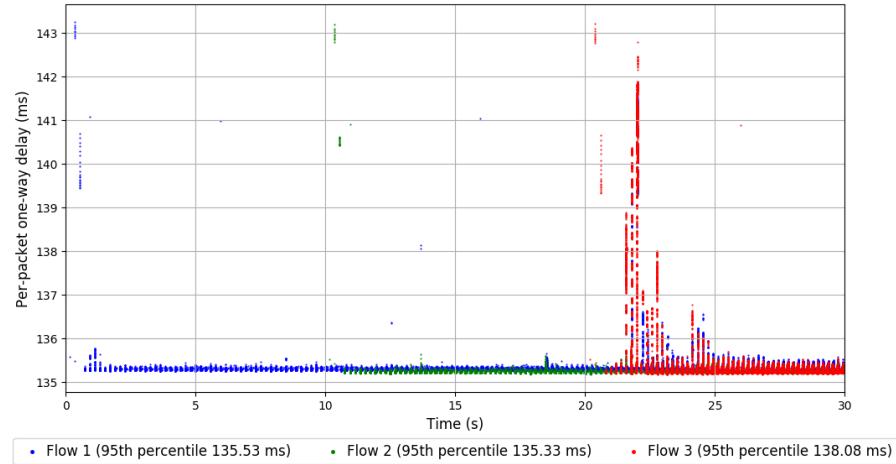
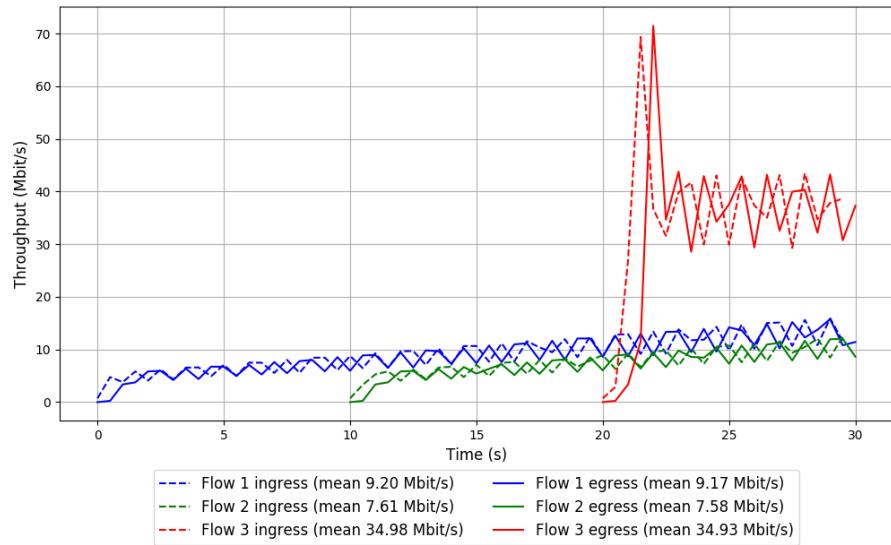


Run 3: Statistics of TCP Vegas

```
Start at: 2018-07-25 08:46:48
End at: 2018-07-25 08:47:18
Local clock offset: -1.575 ms
Remote clock offset: -30.047 ms

# Below is generated by plot.py at 2018-07-25 13:49:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 25.62 Mbit/s
95th percentile per-packet one-way delay: 136.277 ms
Loss rate: 1.56%
-- Flow 1:
Average throughput: 9.17 Mbit/s
95th percentile per-packet one-way delay: 135.527 ms
Loss rate: 0.99%
-- Flow 2:
Average throughput: 7.58 Mbit/s
95th percentile per-packet one-way delay: 135.328 ms
Loss rate: 1.39%
-- Flow 3:
Average throughput: 34.93 Mbit/s
95th percentile per-packet one-way delay: 138.078 ms
Loss rate: 2.08%
```

Run 3: Report of TCP Vegas — Data Link

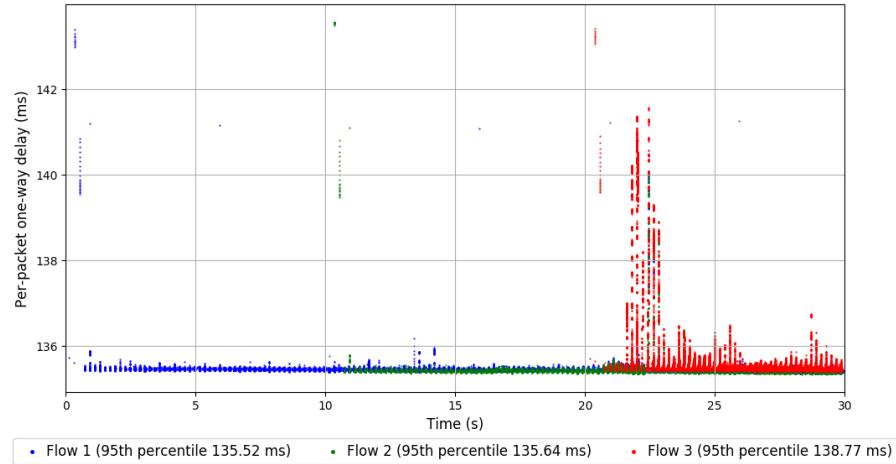
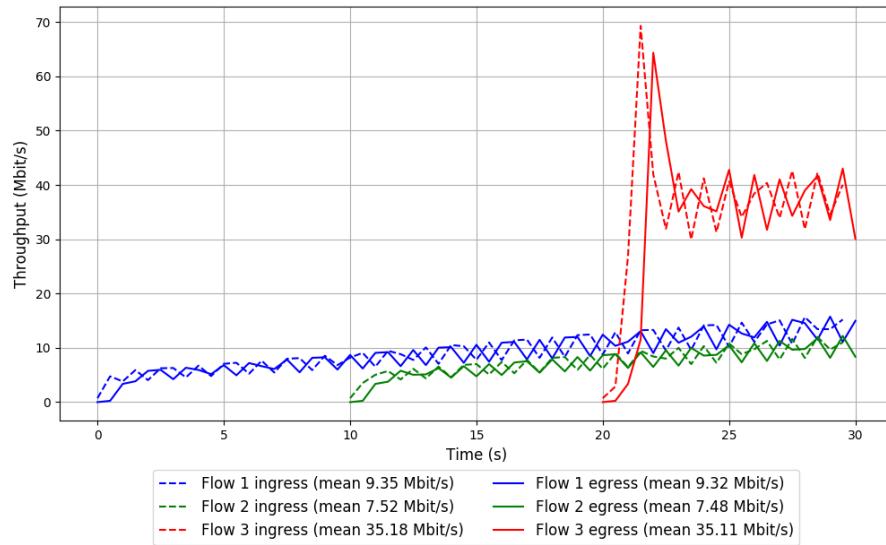


Run 4: Statistics of TCP Vegas

```
Start at: 2018-07-25 09:22:20
End at: 2018-07-25 09:22:50
Local clock offset: 0.252 ms
Remote clock offset: -30.641 ms

# Below is generated by plot.py at 2018-07-25 13:49:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 25.74 Mbit/s
95th percentile per-packet one-way delay: 136.556 ms
Loss rate: 1.58%
-- Flow 1:
Average throughput: 9.32 Mbit/s
95th percentile per-packet one-way delay: 135.518 ms
Loss rate: 0.98%
-- Flow 2:
Average throughput: 7.48 Mbit/s
95th percentile per-packet one-way delay: 135.639 ms
Loss rate: 1.39%
-- Flow 3:
Average throughput: 35.11 Mbit/s
95th percentile per-packet one-way delay: 138.767 ms
Loss rate: 2.14%
```

Run 4: Report of TCP Vegas — Data Link

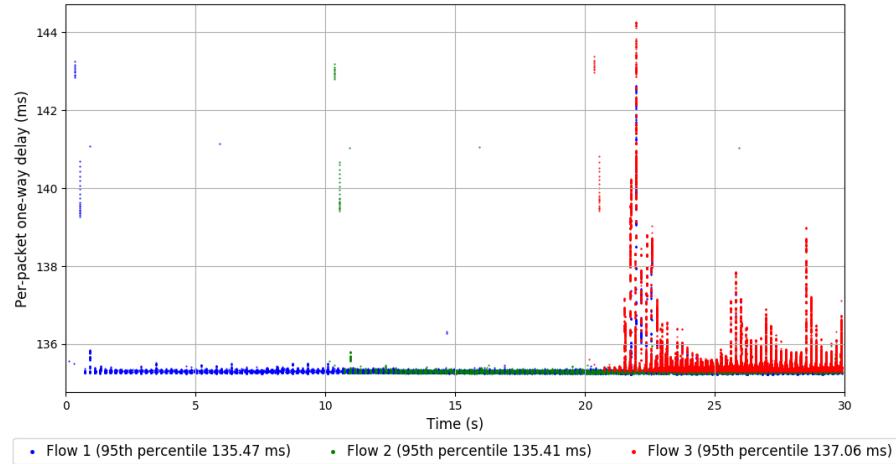
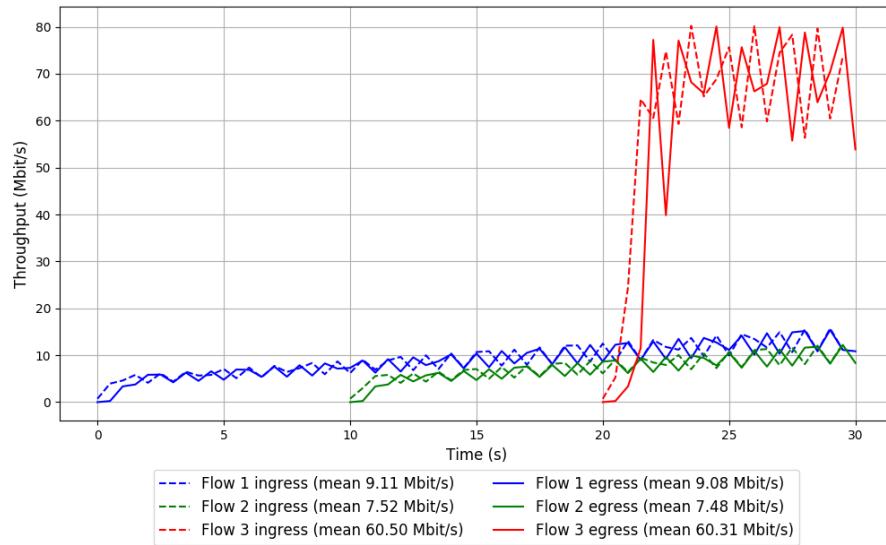


Run 5: Statistics of TCP Vegas

```
Start at: 2018-07-25 09:58:12
End at: 2018-07-25 09:58:42
Local clock offset: 1.461 ms
Remote clock offset: -31.807 ms

# Below is generated by plot.py at 2018-07-25 13:49:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 33.76 Mbit/s
95th percentile per-packet one-way delay: 136.425 ms
Loss rate: 1.78%
-- Flow 1:
Average throughput: 9.08 Mbit/s
95th percentile per-packet one-way delay: 135.473 ms
Loss rate: 0.99%
-- Flow 2:
Average throughput: 7.48 Mbit/s
95th percentile per-packet one-way delay: 135.405 ms
Loss rate: 1.39%
-- Flow 3:
Average throughput: 60.31 Mbit/s
95th percentile per-packet one-way delay: 137.063 ms
Loss rate: 2.24%
```

Run 5: Report of TCP Vegas — Data Link

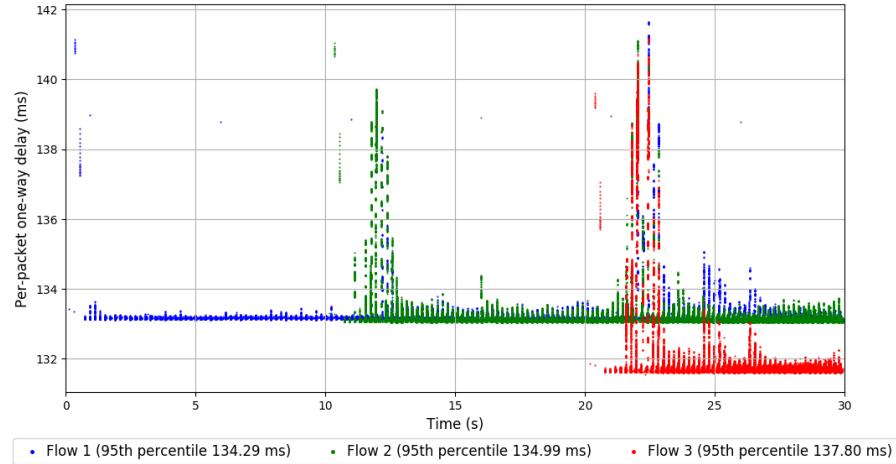
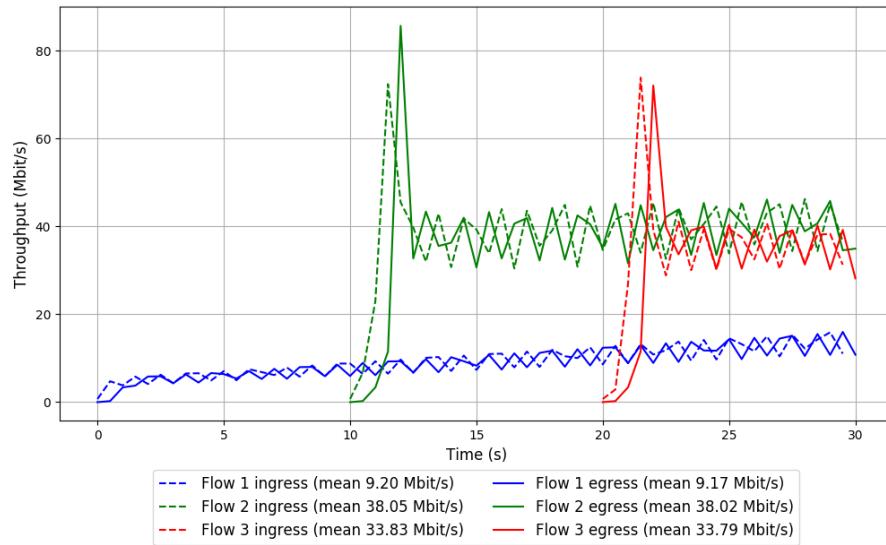


Run 6: Statistics of TCP Vegas

```
Start at: 2018-07-25 10:32:11
End at: 2018-07-25 10:32:41
Local clock offset: -2.314 ms
Remote clock offset: -33.616 ms

# Below is generated by plot.py at 2018-07-25 13:49:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 45.45 Mbit/s
95th percentile per-packet one-way delay: 135.827 ms
Loss rate: 1.28%
-- Flow 1:
Average throughput: 9.17 Mbit/s
95th percentile per-packet one-way delay: 134.292 ms
Loss rate: 0.98%
-- Flow 2:
Average throughput: 38.02 Mbit/s
95th percentile per-packet one-way delay: 134.993 ms
Loss rate: 1.04%
-- Flow 3:
Average throughput: 33.79 Mbit/s
95th percentile per-packet one-way delay: 137.804 ms
Loss rate: 2.07%
```

Run 6: Report of TCP Vegas — Data Link

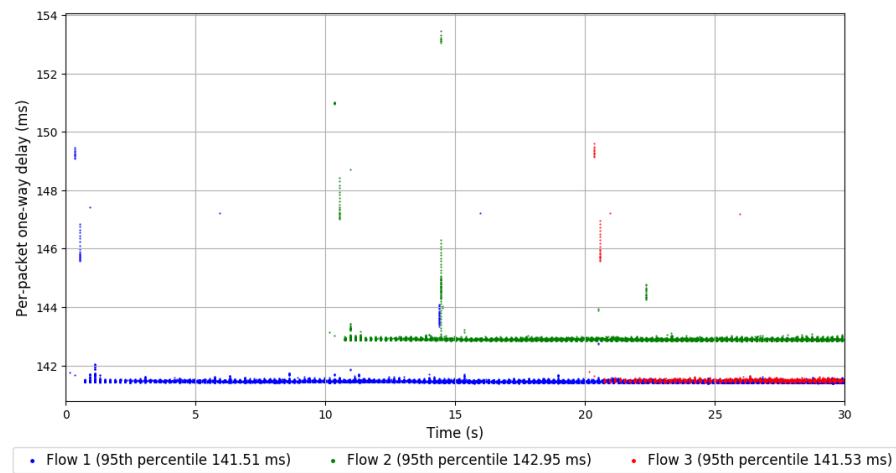
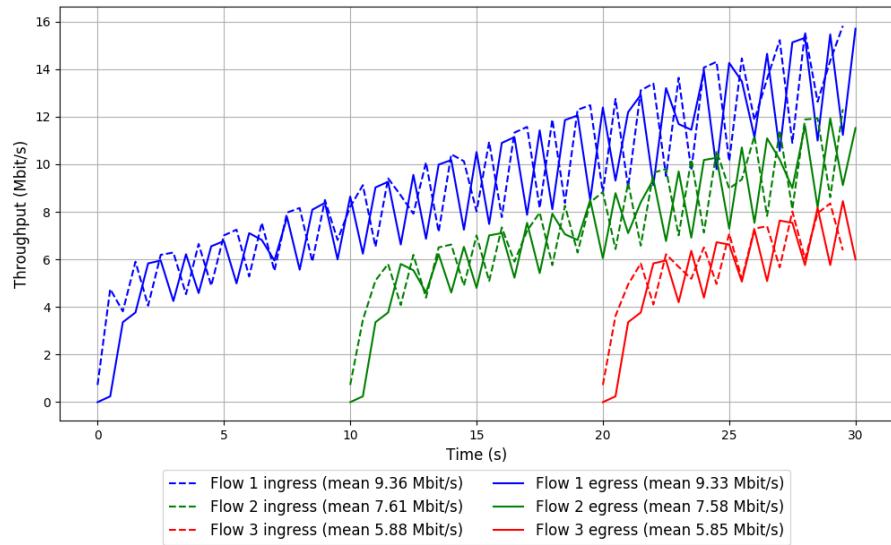


Run 7: Statistics of TCP Vegas

```
Start at: 2018-07-25 10:56:41
End at: 2018-07-25 10:57:11
Local clock offset: 2.742 ms
Remote clock offset: -38.97 ms

# Below is generated by plot.py at 2018-07-25 13:49:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 16.28 Mbit/s
95th percentile per-packet one-way delay: 142.922 ms
Loss rate: 1.29%
-- Flow 1:
Average throughput: 9.33 Mbit/s
95th percentile per-packet one-way delay: 141.507 ms
Loss rate: 0.98%
-- Flow 2:
Average throughput: 7.58 Mbit/s
95th percentile per-packet one-way delay: 142.948 ms
Loss rate: 1.39%
-- Flow 3:
Average throughput: 5.85 Mbit/s
95th percentile per-packet one-way delay: 141.531 ms
Loss rate: 2.54%
```

Run 7: Report of TCP Vegas — Data Link

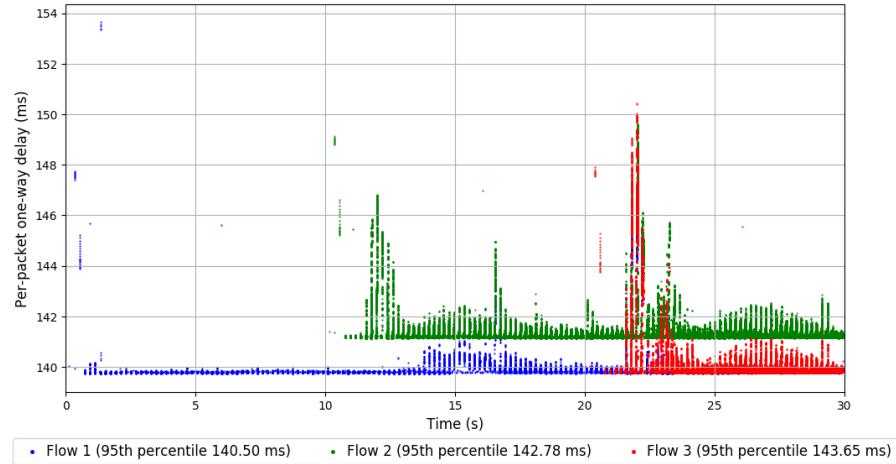
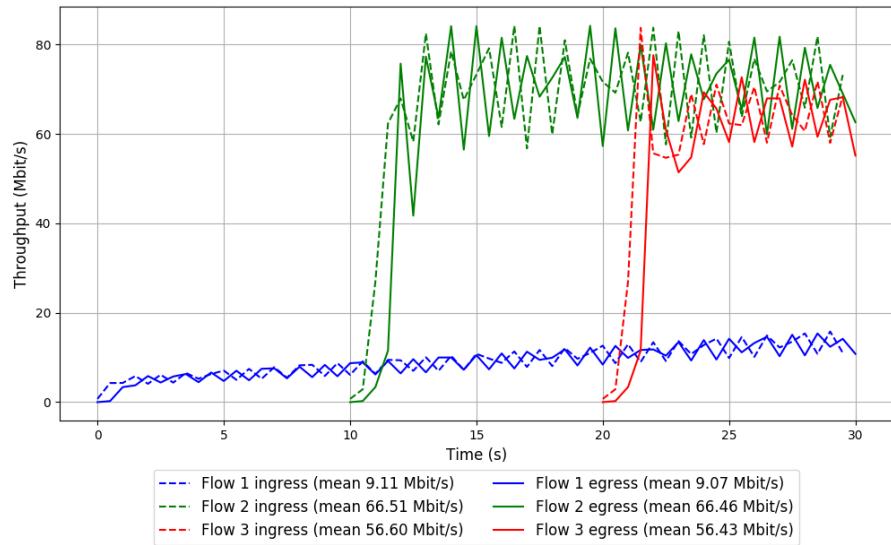


Run 8: Statistics of TCP Vegas

```
Start at: 2018-07-25 11:26:53
End at: 2018-07-25 11:27:23
Local clock offset: -0.794 ms
Remote clock offset: -41.513 ms

# Below is generated by plot.py at 2018-07-25 13:49:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 71.63 Mbit/s
95th percentile per-packet one-way delay: 142.819 ms
Loss rate: 1.35%
-- Flow 1:
Average throughput: 9.07 Mbit/s
95th percentile per-packet one-way delay: 140.499 ms
Loss rate: 0.99%
-- Flow 2:
Average throughput: 66.46 Mbit/s
95th percentile per-packet one-way delay: 142.779 ms
Loss rate: 1.06%
-- Flow 3:
Average throughput: 56.43 Mbit/s
95th percentile per-packet one-way delay: 143.646 ms
Loss rate: 2.22%
```

Run 8: Report of TCP Vegas — Data Link

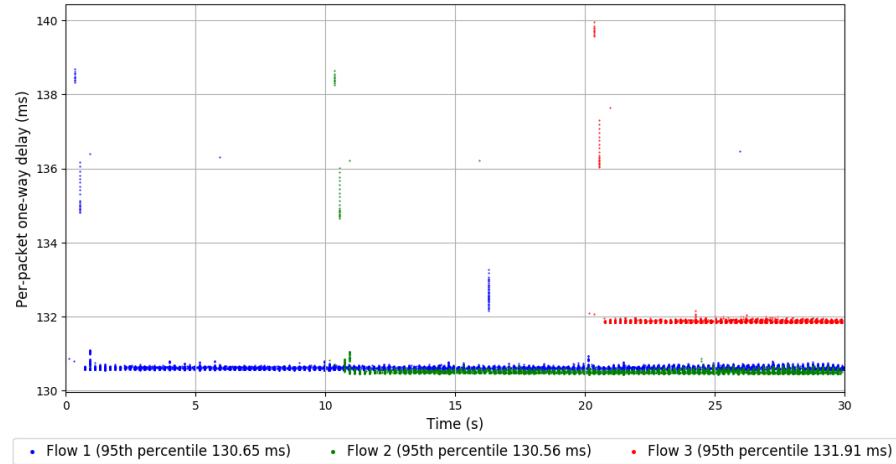
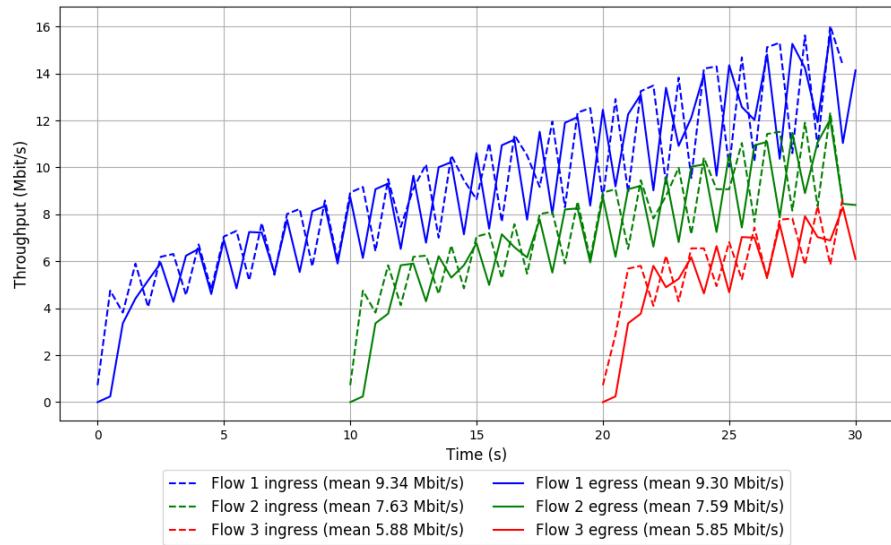


Run 9: Statistics of TCP Vegas

```
Start at: 2018-07-25 12:08:36
End at: 2018-07-25 12:09:06
Local clock offset: -2.376 ms
Remote clock offset: -33.68 ms

# Below is generated by plot.py at 2018-07-25 13:49:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 16.26 Mbit/s
95th percentile per-packet one-way delay: 131.867 ms
Loss rate: 1.29%
-- Flow 1:
Average throughput: 9.30 Mbit/s
95th percentile per-packet one-way delay: 130.652 ms
Loss rate: 0.98%
-- Flow 2:
Average throughput: 7.59 Mbit/s
95th percentile per-packet one-way delay: 130.562 ms
Loss rate: 1.39%
-- Flow 3:
Average throughput: 5.85 Mbit/s
95th percentile per-packet one-way delay: 131.911 ms
Loss rate: 2.54%
```

Run 9: Report of TCP Vegas — Data Link

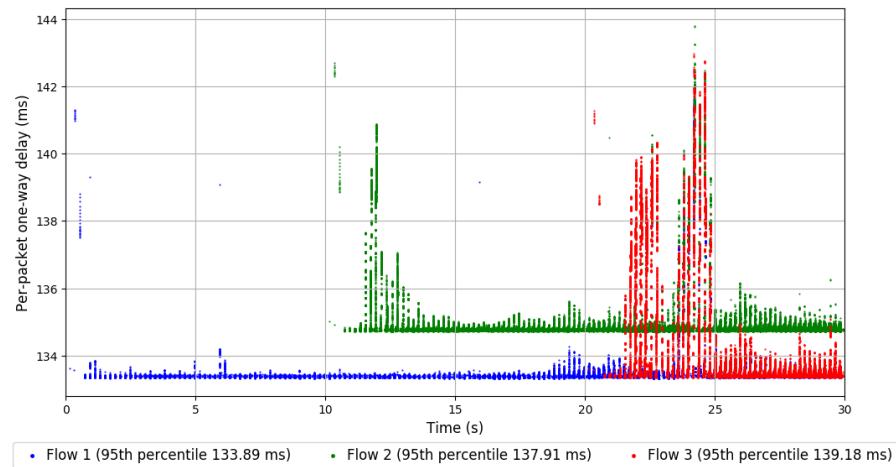
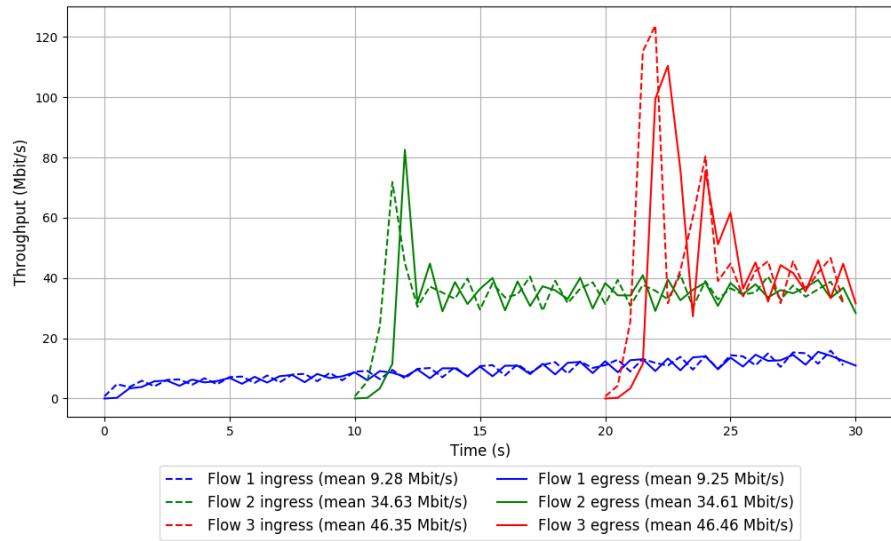


Run 10: Statistics of TCP Vegas

```
Start at: 2018-07-25 12:32:58
End at: 2018-07-25 12:33:28
Local clock offset: 0.651 ms
Remote clock offset: -33.893 ms

# Below is generated by plot.py at 2018-07-25 13:49:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 47.45 Mbit/s
95th percentile per-packet one-way delay: 138.605 ms
Loss rate: 1.23%
-- Flow 1:
Average throughput: 9.25 Mbit/s
95th percentile per-packet one-way delay: 133.889 ms
Loss rate: 0.98%
-- Flow 2:
Average throughput: 34.61 Mbit/s
95th percentile per-packet one-way delay: 137.912 ms
Loss rate: 1.02%
-- Flow 3:
Average throughput: 46.46 Mbit/s
95th percentile per-packet one-way delay: 139.175 ms
Loss rate: 1.70%
```

Run 10: Report of TCP Vegas — Data Link

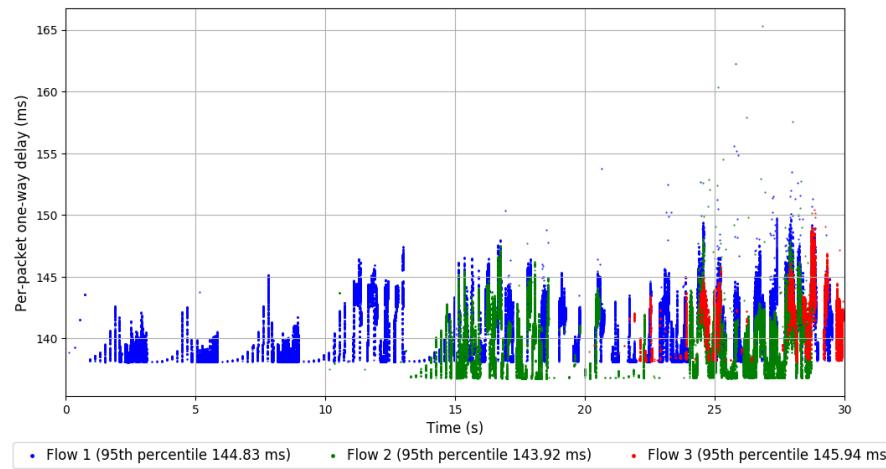
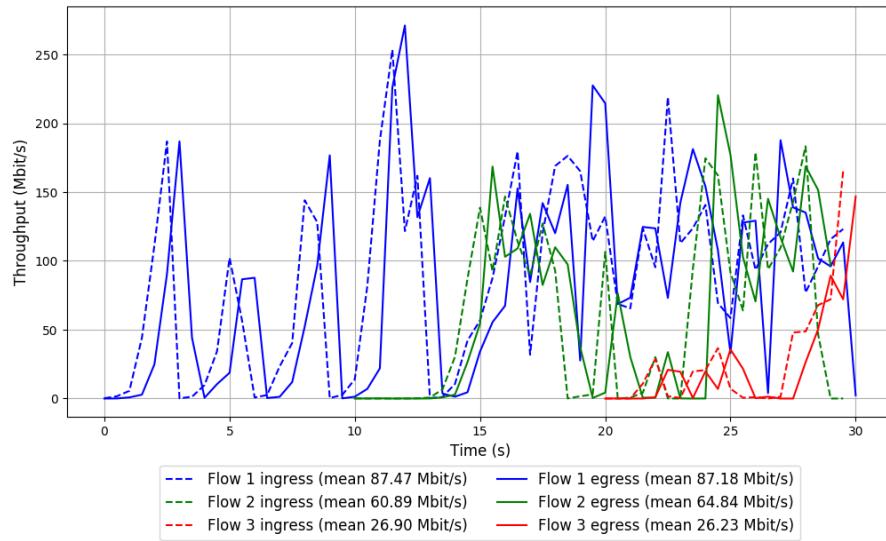


Run 1: Statistics of Verus

```
Start at: 2018-07-25 07:35:07
End at: 2018-07-25 07:35:37
Local clock offset: -0.275 ms
Remote clock offset: -35.83 ms

# Below is generated by plot.py at 2018-07-25 13:49:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 135.14 Mbit/s
95th percentile per-packet one-way delay: 144.709 ms
Loss rate: 1.73%
-- Flow 1:
Average throughput: 87.18 Mbit/s
95th percentile per-packet one-way delay: 144.830 ms
Loss rate: 2.35%
-- Flow 2:
Average throughput: 64.84 Mbit/s
95th percentile per-packet one-way delay: 143.920 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 26.23 Mbit/s
95th percentile per-packet one-way delay: 145.937 ms
Loss rate: 3.52%
```

Run 1: Report of Verus — Data Link

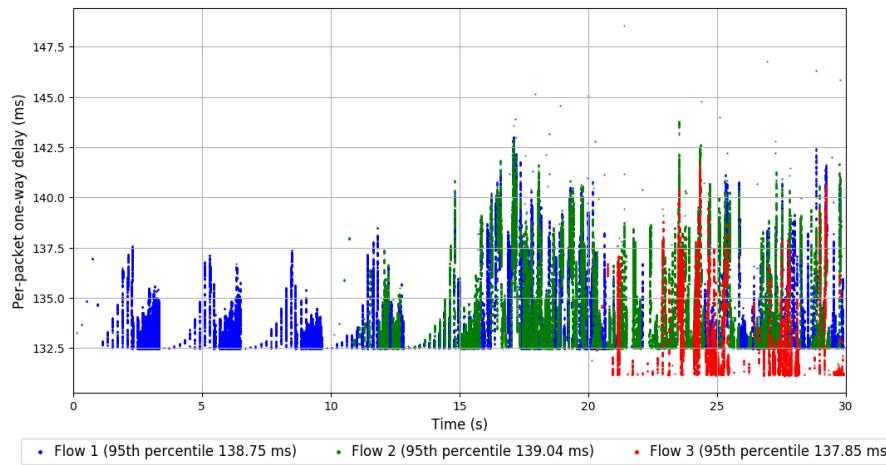
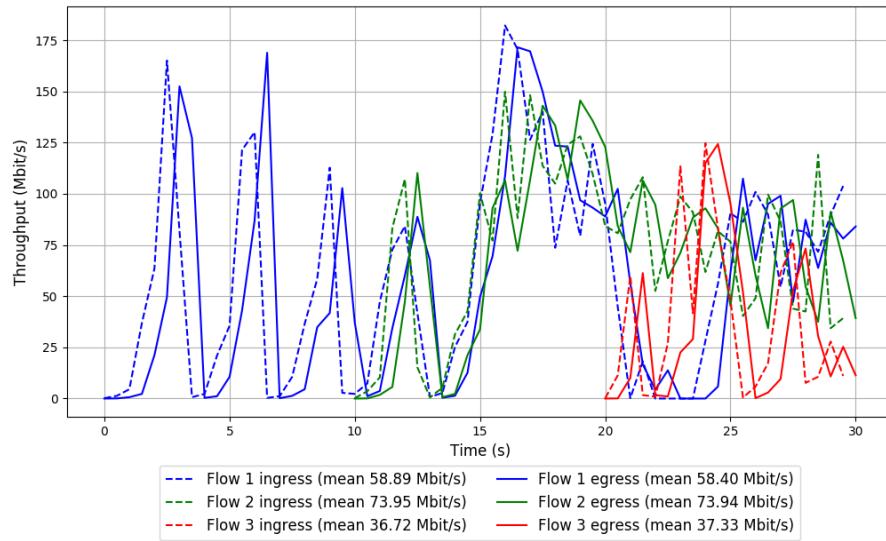


Run 2: Statistics of Verus

```
Start at: 2018-07-25 08:05:17
End at: 2018-07-25 08:05:47
Local clock offset: -1.859 ms
Remote clock offset: -28.39 ms

# Below is generated by plot.py at 2018-07-25 13:49:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 119.44 Mbit/s
95th percentile per-packet one-way delay: 138.864 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 58.40 Mbit/s
95th percentile per-packet one-way delay: 138.751 ms
Loss rate: 1.49%
-- Flow 2:
Average throughput: 73.94 Mbit/s
95th percentile per-packet one-way delay: 139.042 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 37.33 Mbit/s
95th percentile per-packet one-way delay: 137.850 ms
Loss rate: 0.31%
```

## Run 2: Report of Verus — Data Link

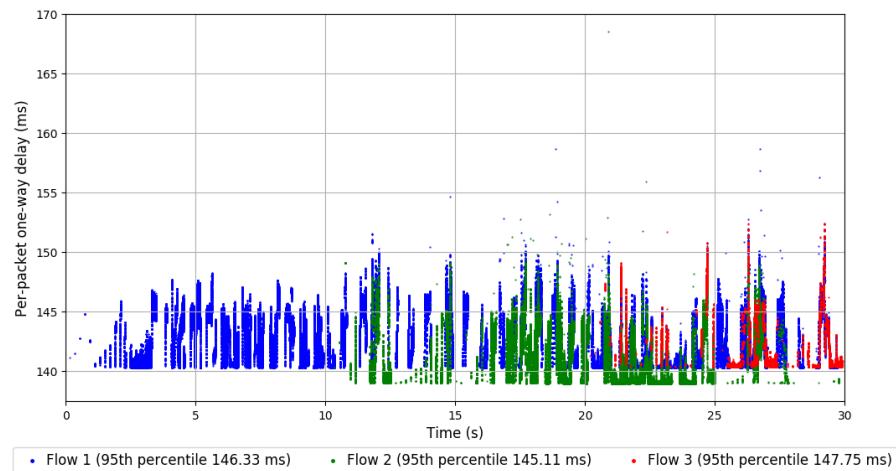
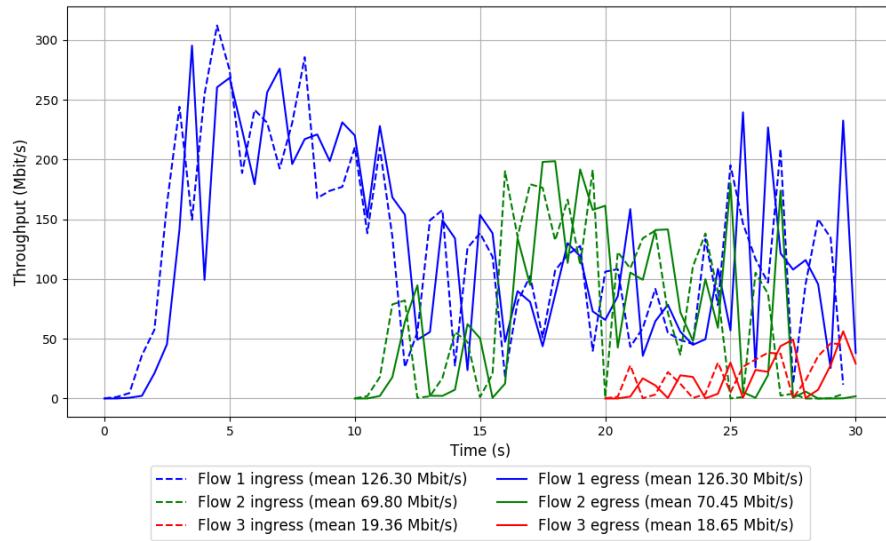


Run 3: Statistics of Verus

```
Start at: 2018-07-25 08:41:07
End at: 2018-07-25 08:41:37
Local clock offset: -1.703 ms
Remote clock offset: -35.276 ms

# Below is generated by plot.py at 2018-07-25 13:49:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 177.98 Mbit/s
95th percentile per-packet one-way delay: 146.214 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 126.30 Mbit/s
95th percentile per-packet one-way delay: 146.327 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 70.45 Mbit/s
95th percentile per-packet one-way delay: 145.107 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 18.65 Mbit/s
95th percentile per-packet one-way delay: 147.755 ms
Loss rate: 5.57%
```

Run 3: Report of Verus — Data Link

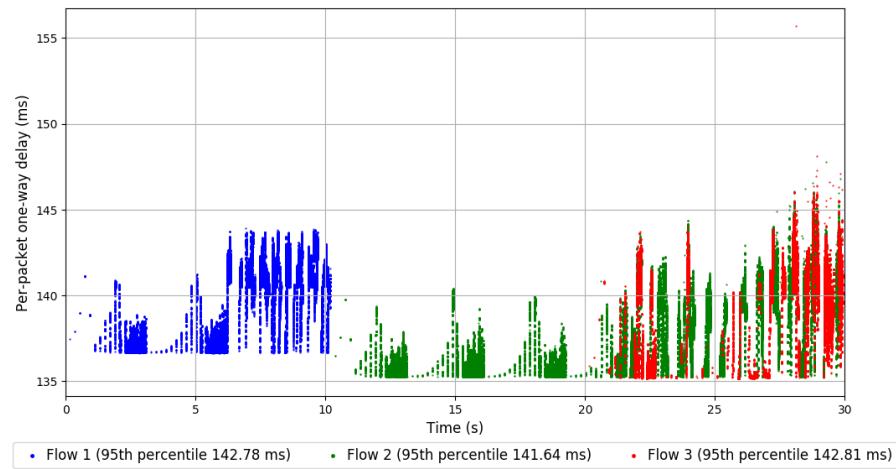
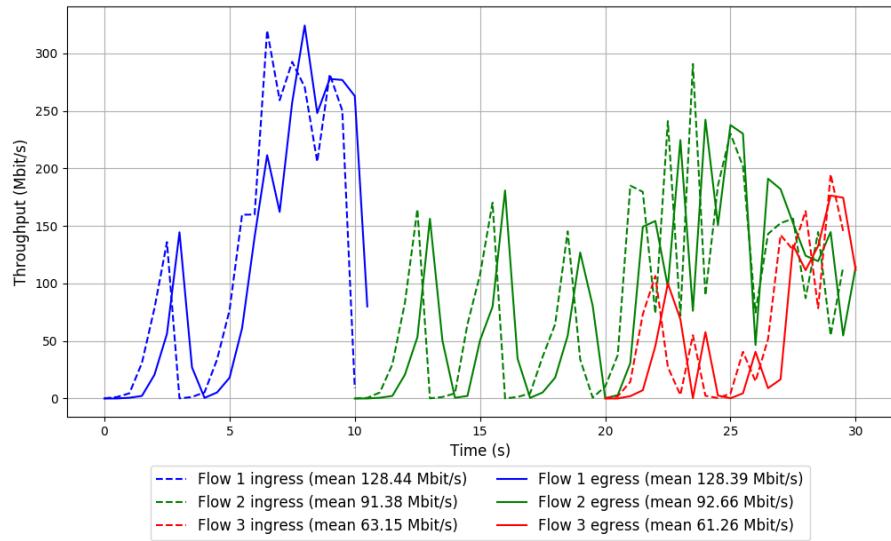


Run 4: Statistics of Verus

```
Start at: 2018-07-25 09:11:01
End at: 2018-07-25 09:11:31
Local clock offset: 0.776 ms
Remote clock offset: -28.899 ms

# Below is generated by plot.py at 2018-07-25 13:49:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 124.59 Mbit/s
95th percentile per-packet one-way delay: 142.424 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 128.39 Mbit/s
95th percentile per-packet one-way delay: 142.776 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 92.66 Mbit/s
95th percentile per-packet one-way delay: 141.636 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 61.26 Mbit/s
95th percentile per-packet one-way delay: 142.806 ms
Loss rate: 4.33%
```

Run 4: Report of Verus — Data Link

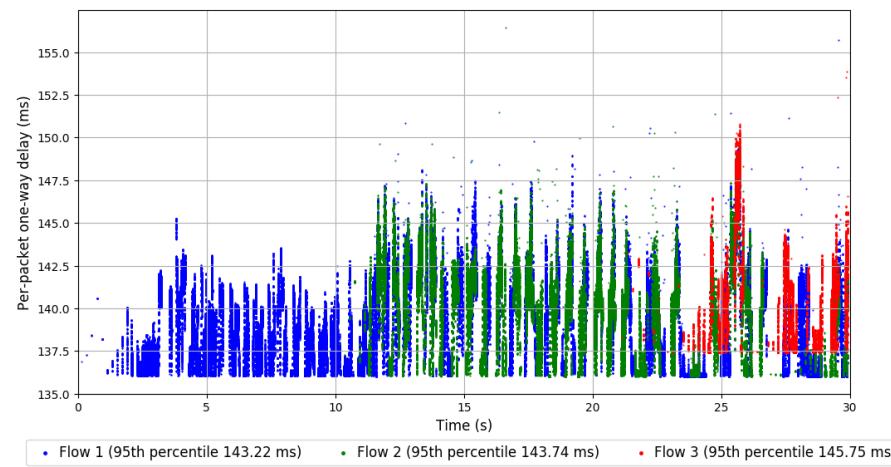
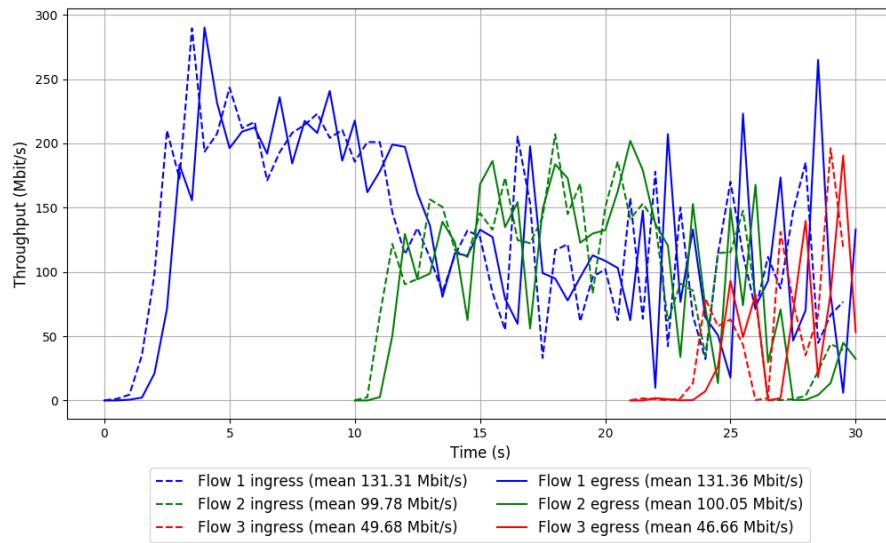


Run 5: Statistics of Verus

```
Start at: 2018-07-25 09:52:28
End at: 2018-07-25 09:52:58
Local clock offset: -1.458 ms
Remote clock offset: -35.337 ms

# Below is generated by plot.py at 2018-07-25 13:49:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 211.43 Mbit/s
95th percentile per-packet one-way delay: 143.515 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 131.36 Mbit/s
95th percentile per-packet one-way delay: 143.216 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 100.05 Mbit/s
95th percentile per-packet one-way delay: 143.737 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 46.66 Mbit/s
95th percentile per-packet one-way delay: 145.749 ms
Loss rate: 8.05%
```

Run 5: Report of Verus — Data Link

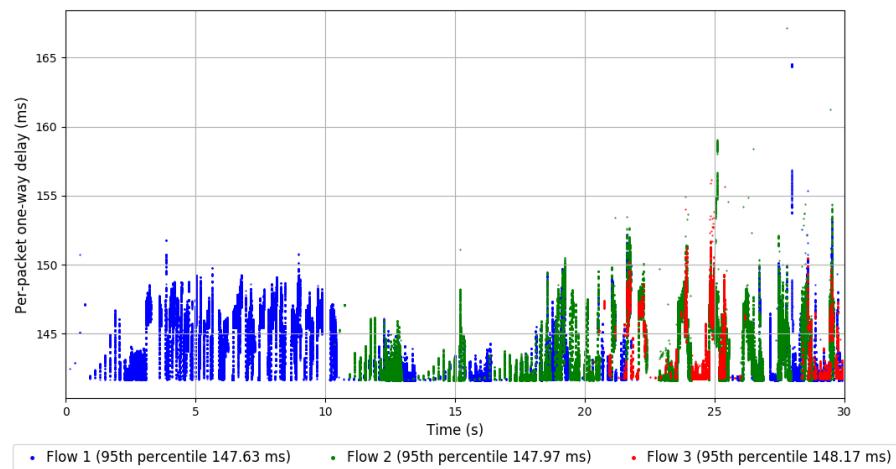
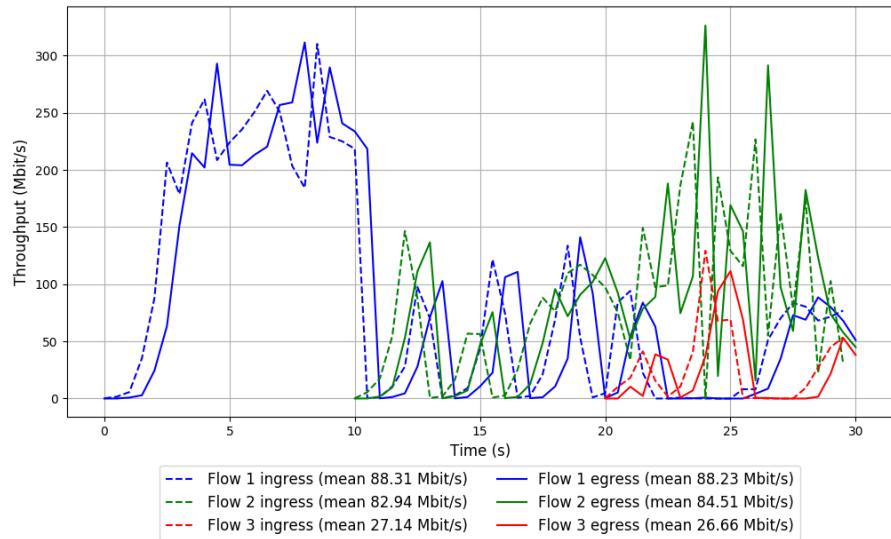


Run 6: Statistics of Verus

```
Start at: 2018-07-25 10:26:32
End at: 2018-07-25 10:27:02
Local clock offset: 1.454 ms
Remote clock offset: -39.68 ms

# Below is generated by plot.py at 2018-07-25 13:49:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 152.01 Mbit/s
95th percentile per-packet one-way delay: 147.818 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 88.23 Mbit/s
95th percentile per-packet one-way delay: 147.628 ms
Loss rate: 0.78%
-- Flow 2:
Average throughput: 84.51 Mbit/s
95th percentile per-packet one-way delay: 147.974 ms
Loss rate: 0.93%
-- Flow 3:
Average throughput: 26.66 Mbit/s
95th percentile per-packet one-way delay: 148.173 ms
Loss rate: 3.73%
```

Run 6: Report of Verus — Data Link

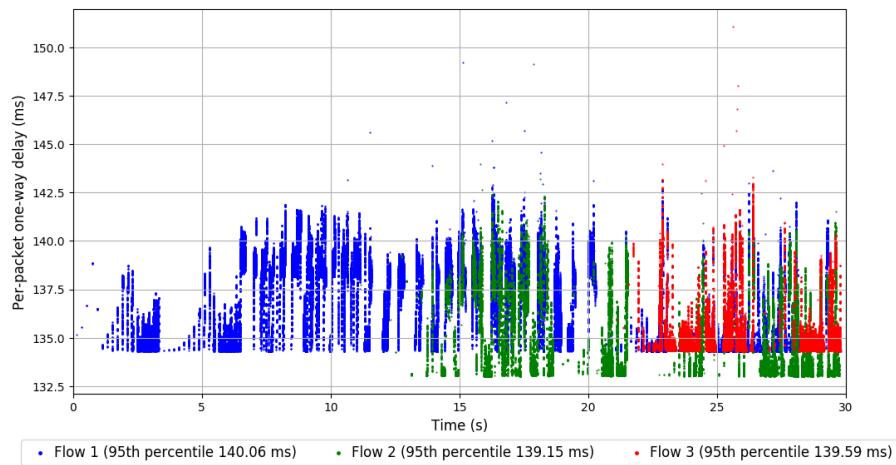
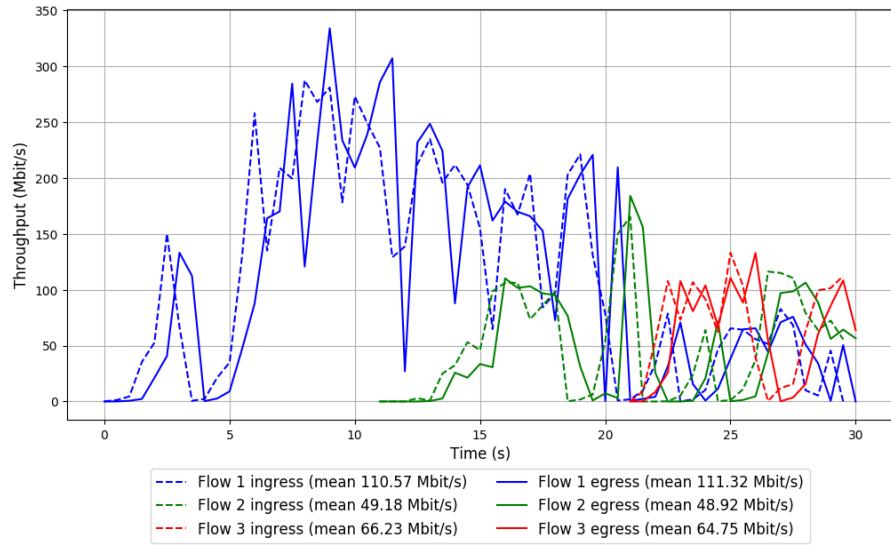


Run 7: Statistics of Verus

```
Start at: 2018-07-25 10:51:01
End at: 2018-07-25 10:51:31
Local clock offset: 2.097 ms
Remote clock offset: -31.017 ms

# Below is generated by plot.py at 2018-07-25 13:49:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 160.76 Mbit/s
95th percentile per-packet one-way delay: 139.921 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 111.32 Mbit/s
95th percentile per-packet one-way delay: 140.061 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 48.92 Mbit/s
95th percentile per-packet one-way delay: 139.149 ms
Loss rate: 2.44%
-- Flow 3:
Average throughput: 64.75 Mbit/s
95th percentile per-packet one-way delay: 139.595 ms
Loss rate: 5.62%
```

## Run 7: Report of Verus — Data Link

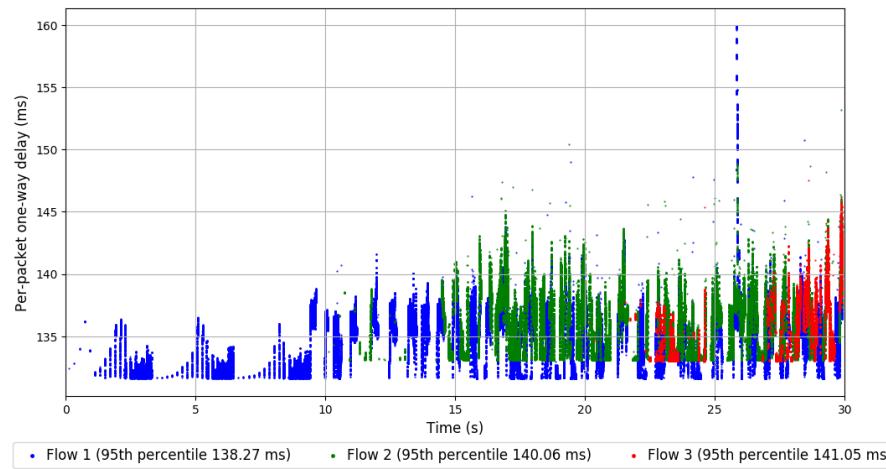
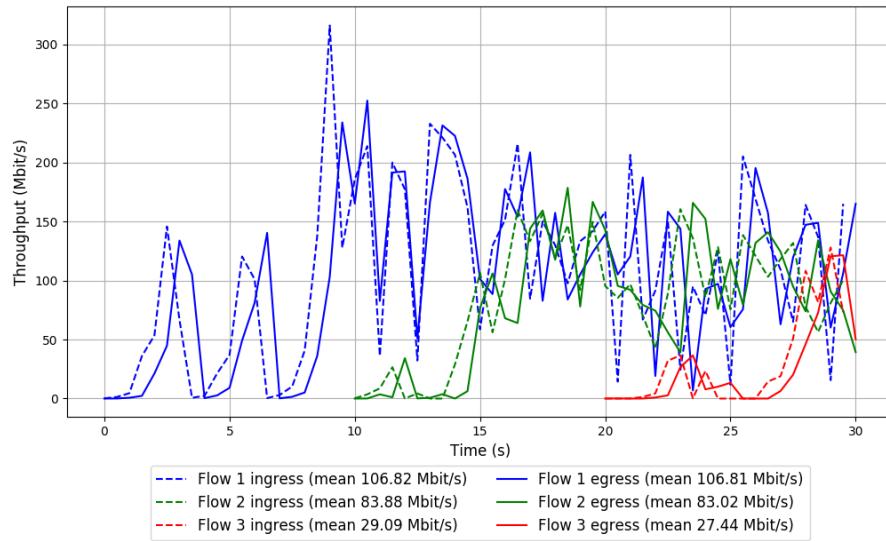


Run 8: Statistics of Verus

```
Start at: 2018-07-25 11:21:02
End at: 2018-07-25 11:21:32
Local clock offset: -1.728 ms
Remote clock offset: -34.375 ms

# Below is generated by plot.py at 2018-07-25 13:49:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 170.91 Mbit/s
95th percentile per-packet one-way delay: 139.305 ms
Loss rate: 1.03%
-- Flow 1:
Average throughput: 106.81 Mbit/s
95th percentile per-packet one-way delay: 138.272 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 83.02 Mbit/s
95th percentile per-packet one-way delay: 140.058 ms
Loss rate: 2.01%
-- Flow 3:
Average throughput: 27.44 Mbit/s
95th percentile per-packet one-way delay: 141.046 ms
Loss rate: 6.58%
```

Run 8: Report of Verus — Data Link

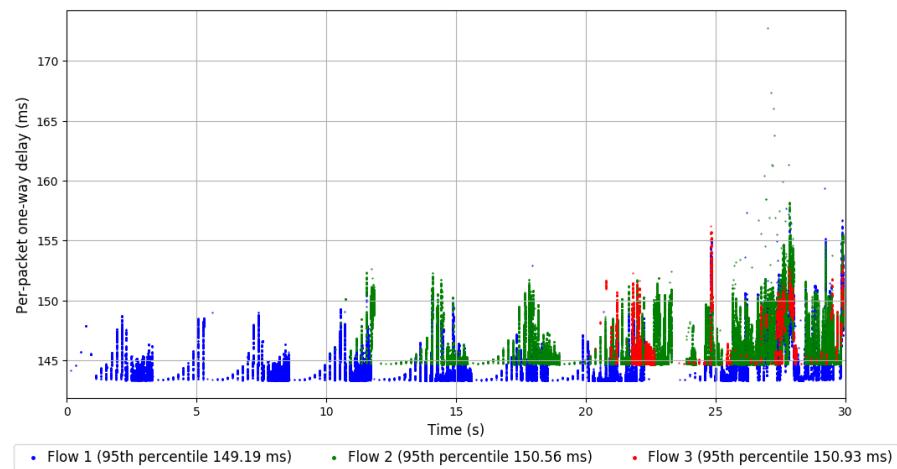
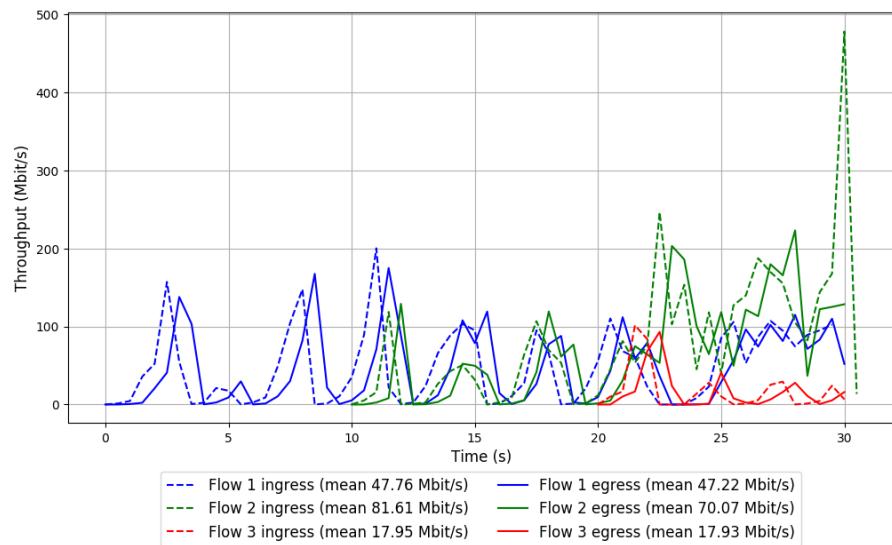


Run 9: Statistics of Verus

```
Start at: 2018-07-25 11:51:20
End at: 2018-07-25 11:51:50
Local clock offset: 2.86 ms
Remote clock offset: -40.814 ms

# Below is generated by plot.py at 2018-07-25 13:49:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 99.58 Mbit/s
95th percentile per-packet one-way delay: 150.287 ms
Loss rate: 9.84%
-- Flow 1:
Average throughput: 47.22 Mbit/s
95th percentile per-packet one-way delay: 149.194 ms
Loss rate: 1.88%
-- Flow 2:
Average throughput: 70.07 Mbit/s
95th percentile per-packet one-way delay: 150.562 ms
Loss rate: 17.28%
-- Flow 3:
Average throughput: 17.93 Mbit/s
95th percentile per-packet one-way delay: 150.933 ms
Loss rate: 4.08%
```

## Run 9: Report of Verus — Data Link

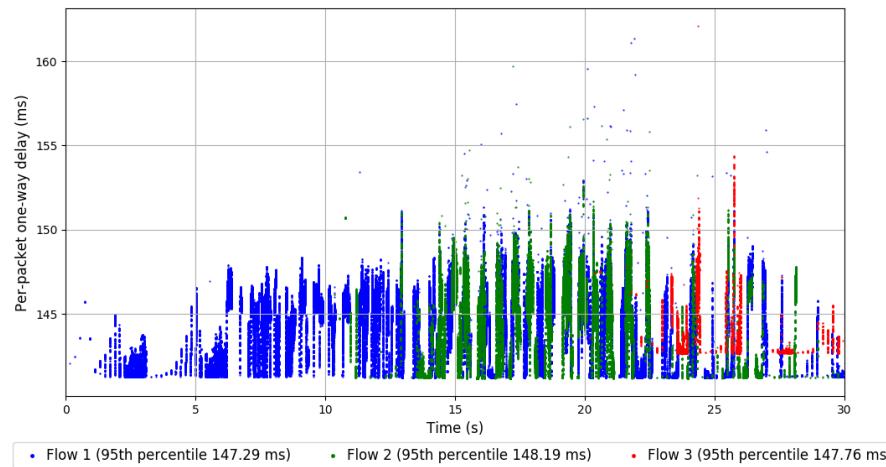
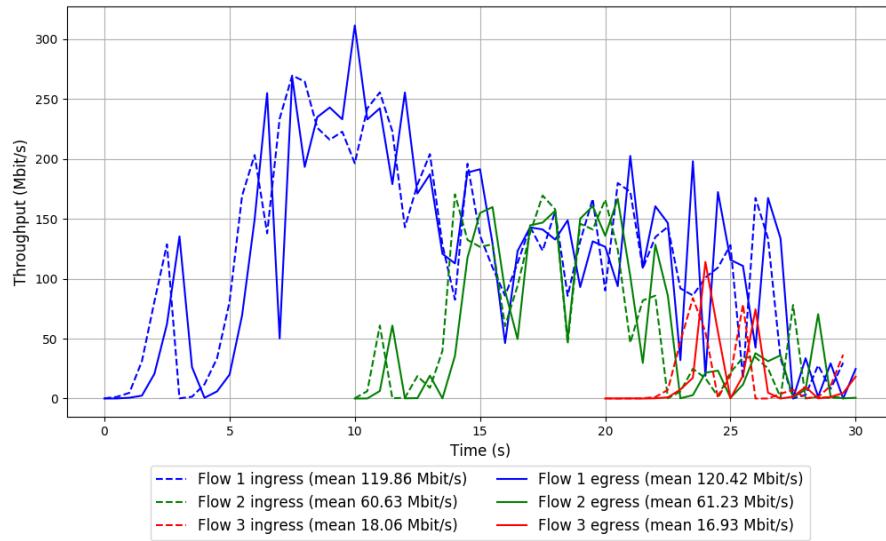


Run 10: Statistics of Verus

```
Start at: 2018-07-25 12:27:17
End at: 2018-07-25 12:27:47
Local clock offset: 1.243 ms
Remote clock offset: -41.147 ms

# Below is generated by plot.py at 2018-07-25 13:50:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 166.21 Mbit/s
95th percentile per-packet one-way delay: 147.611 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 120.42 Mbit/s
95th percentile per-packet one-way delay: 147.293 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 61.23 Mbit/s
95th percentile per-packet one-way delay: 148.192 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 16.93 Mbit/s
95th percentile per-packet one-way delay: 147.756 ms
Loss rate: 6.88%
```

## Run 10: Report of Verus — Data Link

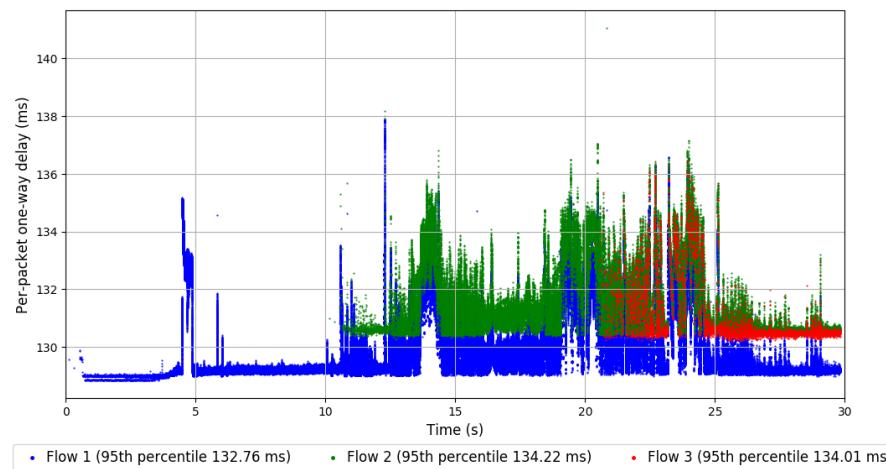
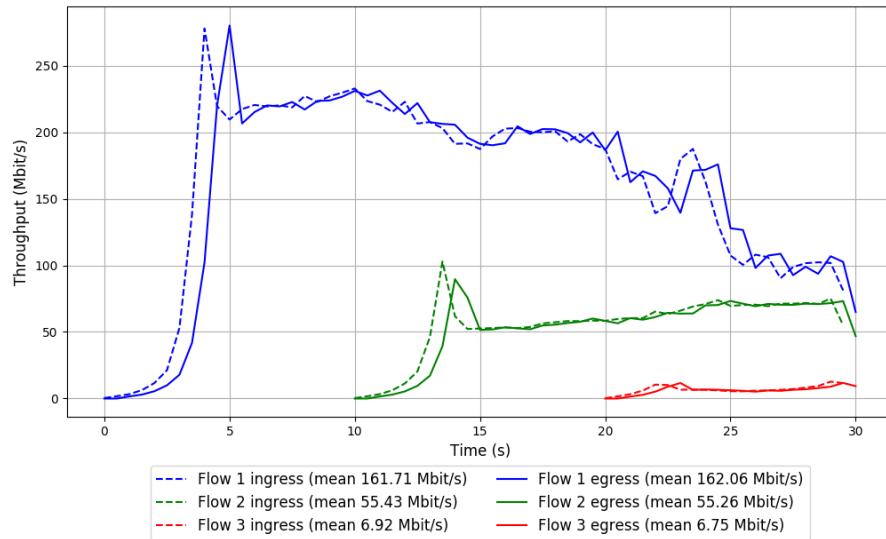


```
Run 1: Statistics of PCC-Vivace

Start at: 2018-07-25 07:37:57
End at: 2018-07-25 07:38:27
Local clock offset: -0.32 ms
Remote clock offset: -27.657 ms

# Below is generated by plot.py at 2018-07-25 13:51:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 200.88 Mbit/s
95th percentile per-packet one-way delay: 133.256 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 162.06 Mbit/s
95th percentile per-packet one-way delay: 132.761 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 55.26 Mbit/s
95th percentile per-packet one-way delay: 134.217 ms
Loss rate: 1.29%
-- Flow 3:
Average throughput: 6.75 Mbit/s
95th percentile per-packet one-way delay: 134.015 ms
Loss rate: 4.41%
```

Run 1: Report of PCC-Vivace — Data Link

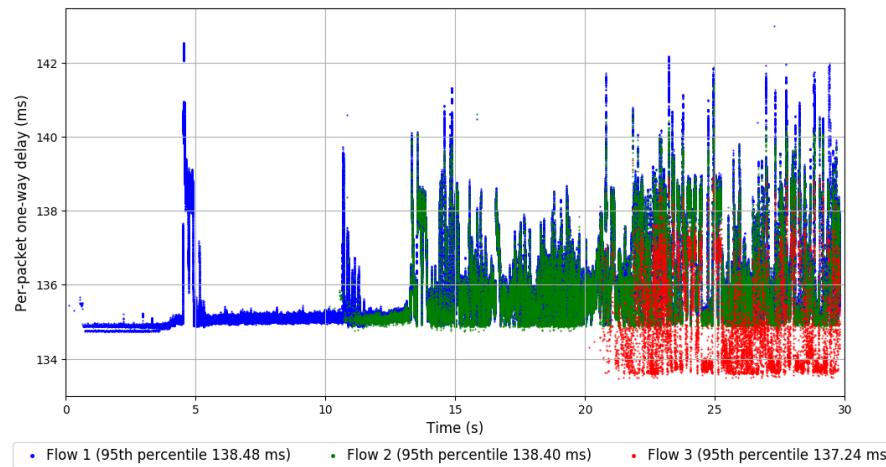
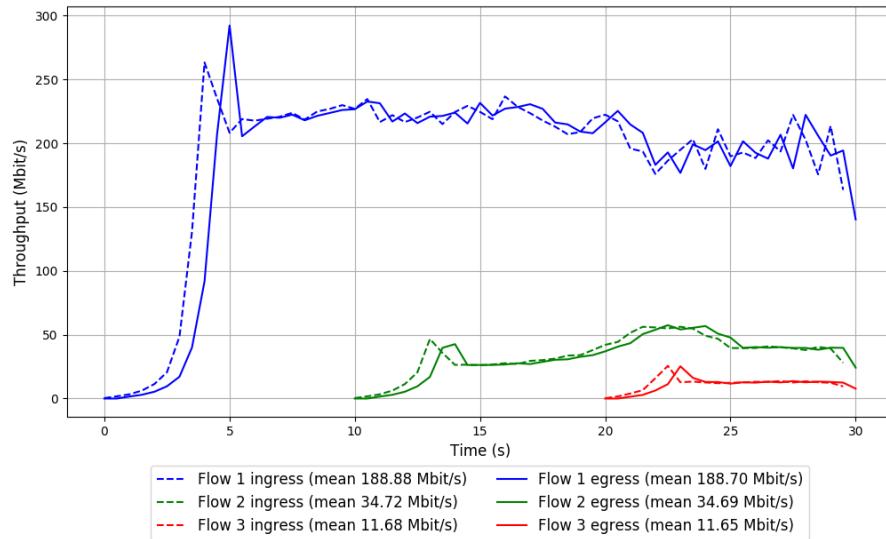


Run 2: Statistics of PCC-Vivace

```
Start at: 2018-07-25 08:08:06
End at: 2018-07-25 08:08:36
Local clock offset: 0.413 ms
Remote clock offset: -28.234 ms

# Below is generated by plot.py at 2018-07-25 13:51:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 215.47 Mbit/s
95th percentile per-packet one-way delay: 138.465 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 188.70 Mbit/s
95th percentile per-packet one-way delay: 138.481 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 34.69 Mbit/s
95th percentile per-packet one-way delay: 138.404 ms
Loss rate: 1.06%
-- Flow 3:
Average throughput: 11.65 Mbit/s
95th percentile per-packet one-way delay: 137.242 ms
Loss rate: 2.22%
```

Run 2: Report of PCC-Vivace — Data Link

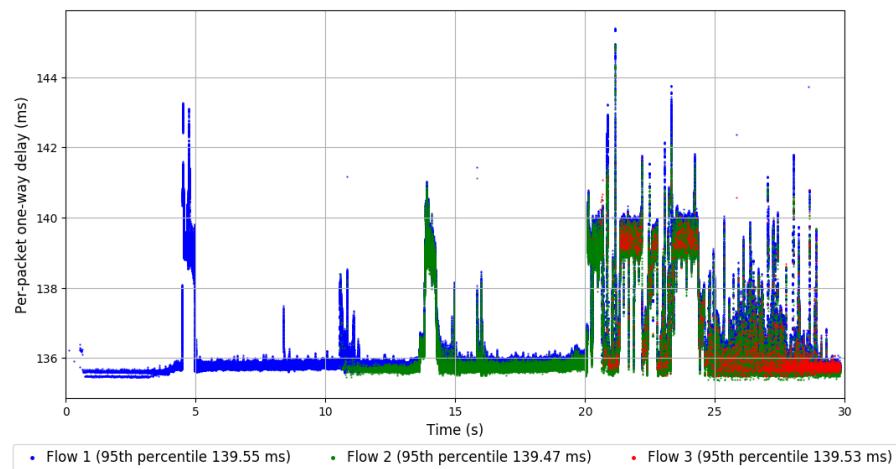
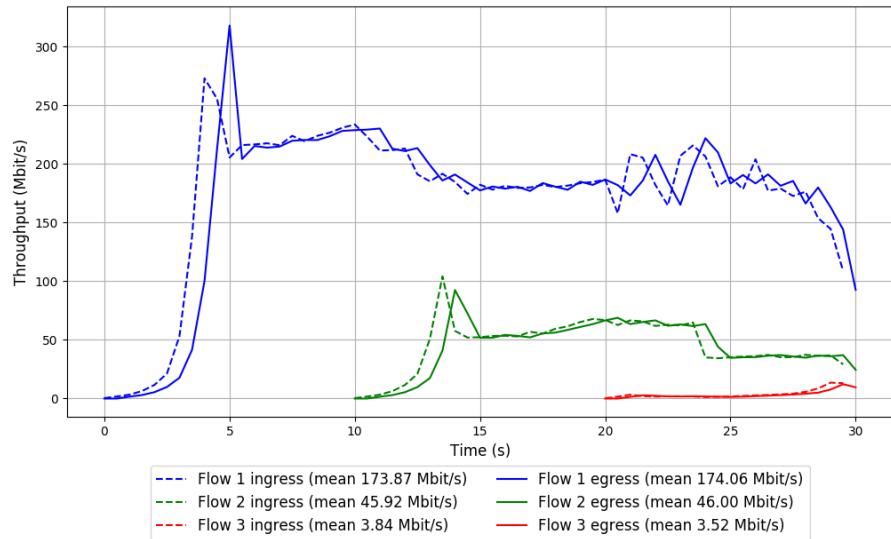


Run 3: Statistics of PCC-Vivace

```
Start at: 2018-07-25 08:43:59
End at: 2018-07-25 08:44:29
Local clock offset: 0.005 ms
Remote clock offset: -30.174 ms

# Below is generated by plot.py at 2018-07-25 13:51:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 205.69 Mbit/s
95th percentile per-packet one-way delay: 139.539 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 174.06 Mbit/s
95th percentile per-packet one-way delay: 139.553 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 46.00 Mbit/s
95th percentile per-packet one-way delay: 139.474 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 3.52 Mbit/s
95th percentile per-packet one-way delay: 139.525 ms
Loss rate: 10.08%
```

Run 3: Report of PCC-Vivace — Data Link

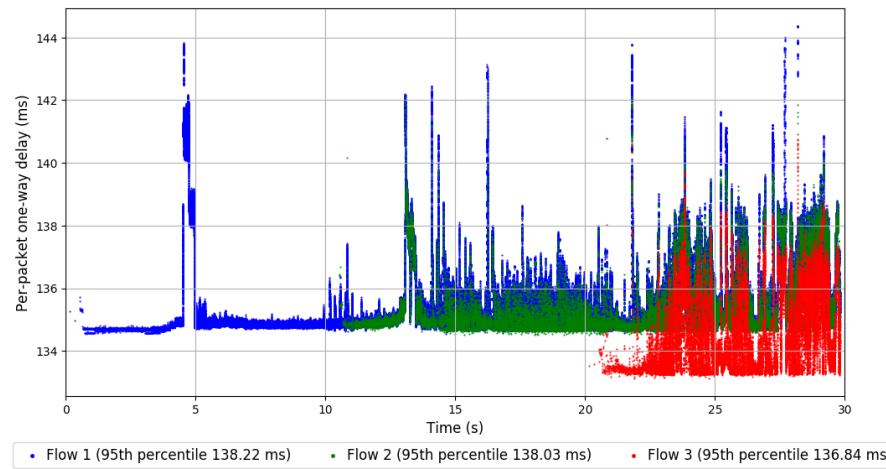
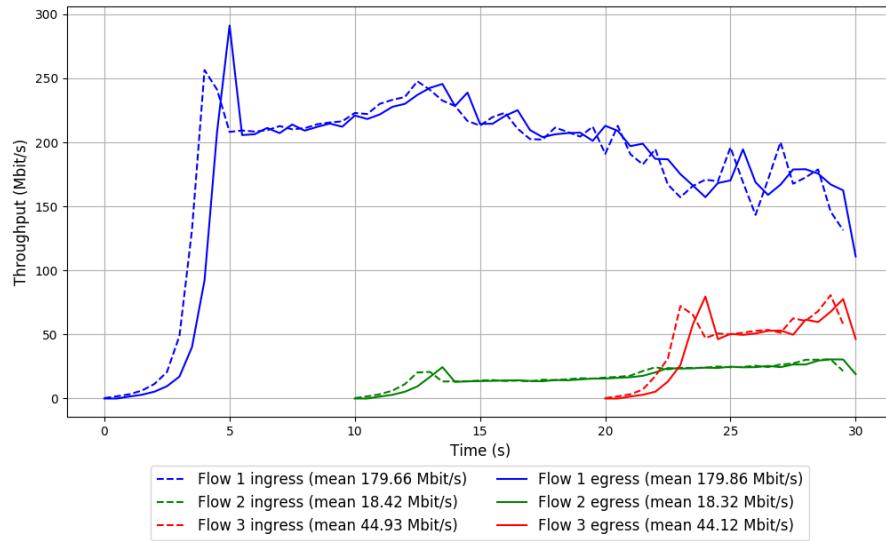


Run 4: Statistics of PCC-Vivace

```
Start at: 2018-07-25 09:13:58
End at: 2018-07-25 09:14:28
Local clock offset: 0.519 ms
Remote clock offset: -27.241 ms

# Below is generated by plot.py at 2018-07-25 13:51:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 206.37 Mbit/s
95th percentile per-packet one-way delay: 138.138 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 179.86 Mbit/s
95th percentile per-packet one-way delay: 138.220 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 18.32 Mbit/s
95th percentile per-packet one-way delay: 138.034 ms
Loss rate: 1.49%
-- Flow 3:
Average throughput: 44.12 Mbit/s
95th percentile per-packet one-way delay: 136.842 ms
Loss rate: 3.76%
```

Run 4: Report of PCC-Vivace — Data Link

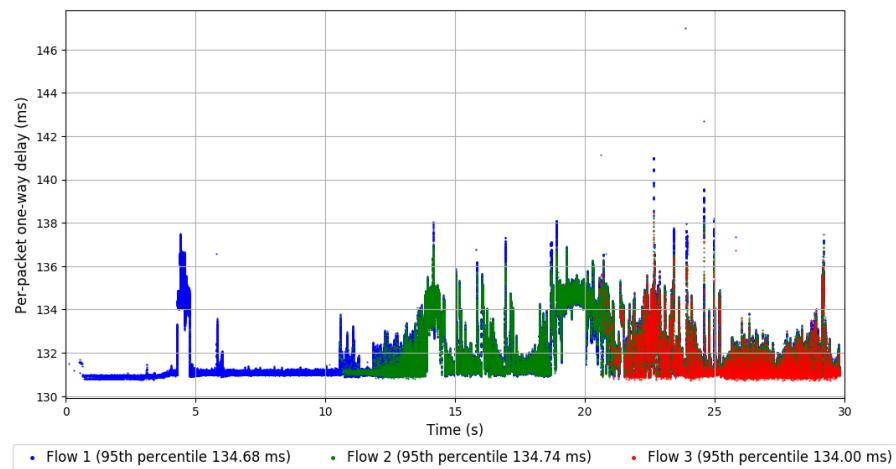
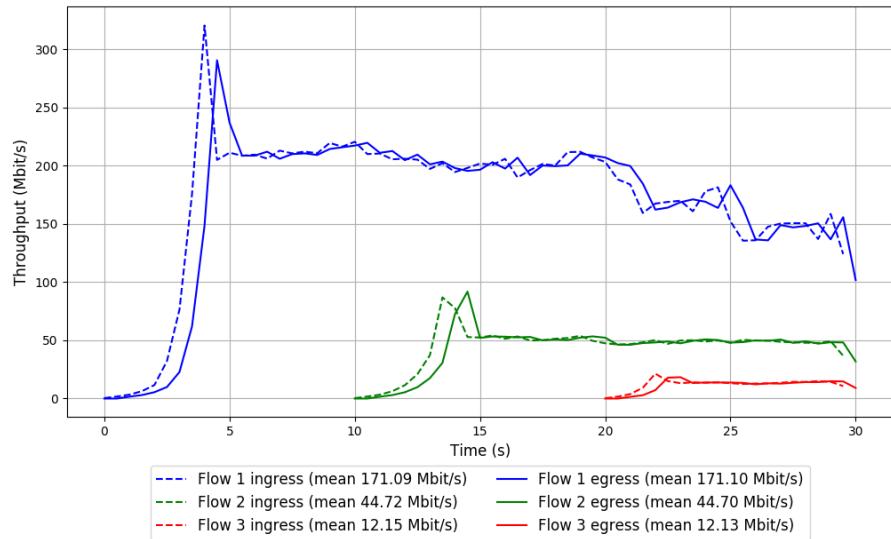


Run 5: Statistics of PCC-Vivace

```
Start at: 2018-07-25 09:55:22
End at: 2018-07-25 09:55:52
Local clock offset: 0.738 ms
Remote clock offset: -28.071 ms

# Below is generated by plot.py at 2018-07-25 13:51:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 204.67 Mbit/s
95th percentile per-packet one-way delay: 134.690 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 171.10 Mbit/s
95th percentile per-packet one-way delay: 134.684 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 44.70 Mbit/s
95th percentile per-packet one-way delay: 134.744 ms
Loss rate: 1.04%
-- Flow 3:
Average throughput: 12.13 Mbit/s
95th percentile per-packet one-way delay: 134.005 ms
Loss rate: 2.20%
```

Run 5: Report of PCC-Vivace — Data Link

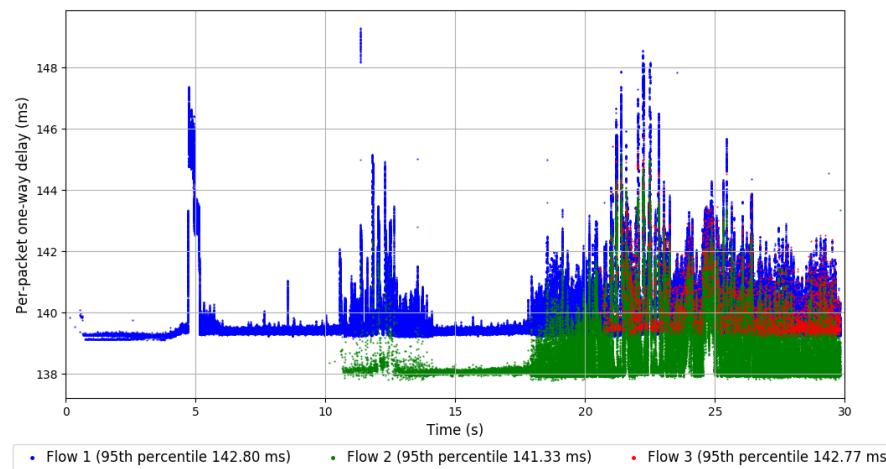
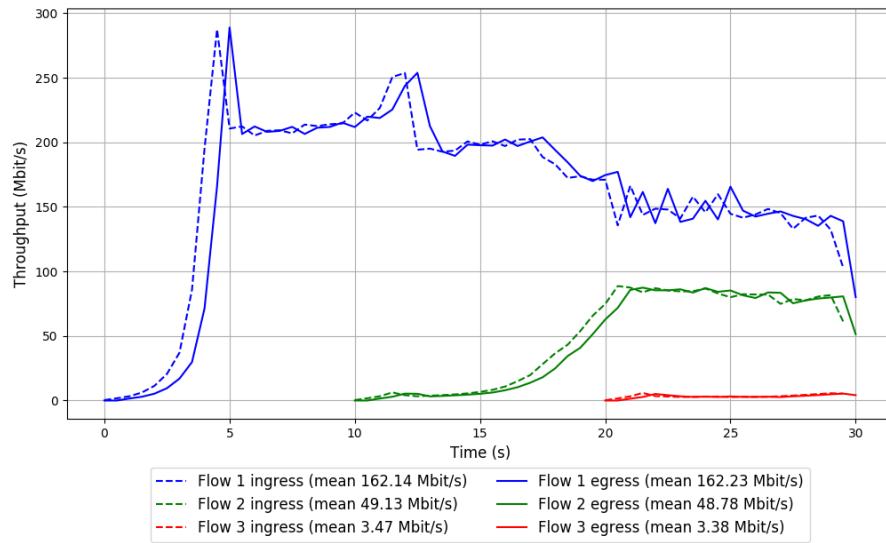


Run 6: Statistics of PCC-Vivace

```
Start at: 2018-07-25 10:29:23
End at: 2018-07-25 10:29:53
Local clock offset: 1.189 ms
Remote clock offset: -36.262 ms

# Below is generated by plot.py at 2018-07-25 13:52:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 195.64 Mbit/s
95th percentile per-packet one-way delay: 142.569 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 162.23 Mbit/s
95th percentile per-packet one-way delay: 142.803 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 48.78 Mbit/s
95th percentile per-packet one-way delay: 141.332 ms
Loss rate: 1.65%
-- Flow 3:
Average throughput: 3.38 Mbit/s
95th percentile per-packet one-way delay: 142.771 ms
Loss rate: 4.32%
```

Run 6: Report of PCC-Vivace — Data Link

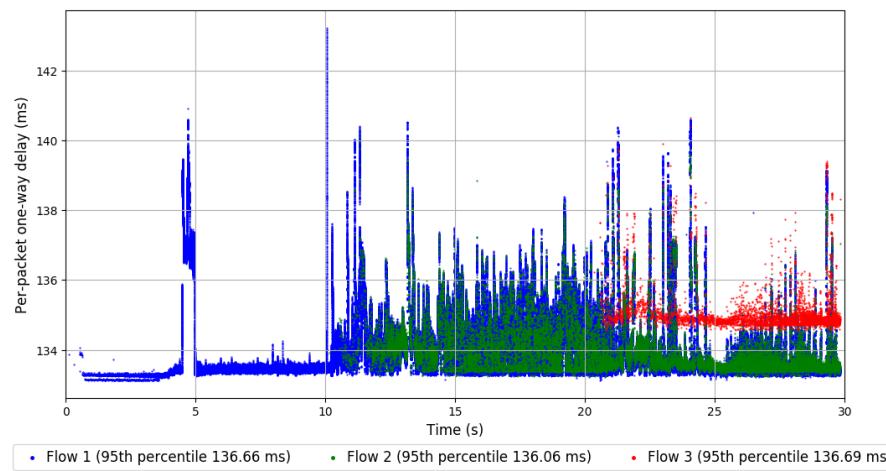
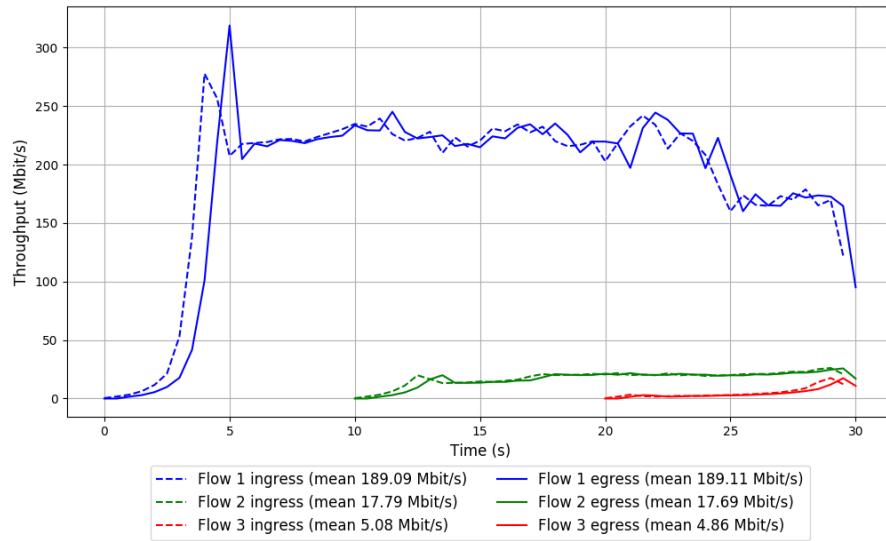


Run 7: Statistics of PCC-Vivace

```
Start at: 2018-07-25 10:53:52
End at: 2018-07-25 10:54:22
Local clock offset: 1.487 ms
Remote clock offset: -32.046 ms

# Below is generated by plot.py at 2018-07-25 13:52:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 202.40 Mbit/s
95th percentile per-packet one-way delay: 136.639 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 189.11 Mbit/s
95th percentile per-packet one-way delay: 136.665 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 17.69 Mbit/s
95th percentile per-packet one-way delay: 136.057 ms
Loss rate: 1.54%
-- Flow 3:
Average throughput: 4.86 Mbit/s
95th percentile per-packet one-way delay: 136.686 ms
Loss rate: 6.26%
```

Run 7: Report of PCC-Vivace — Data Link

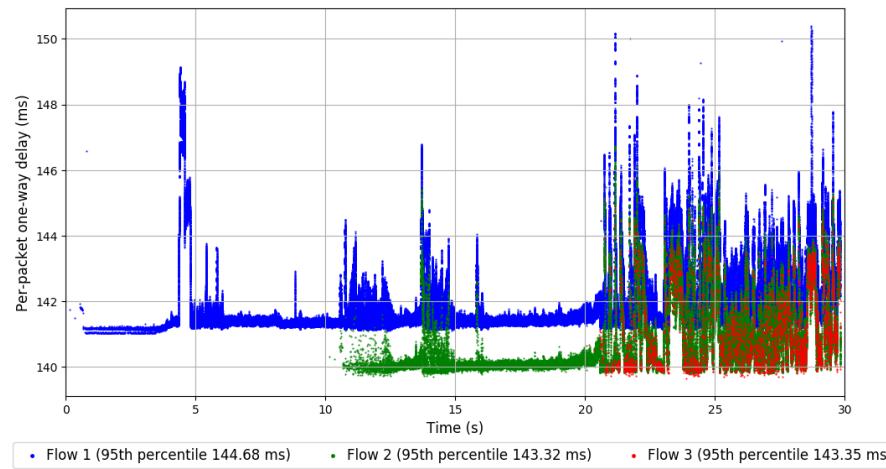
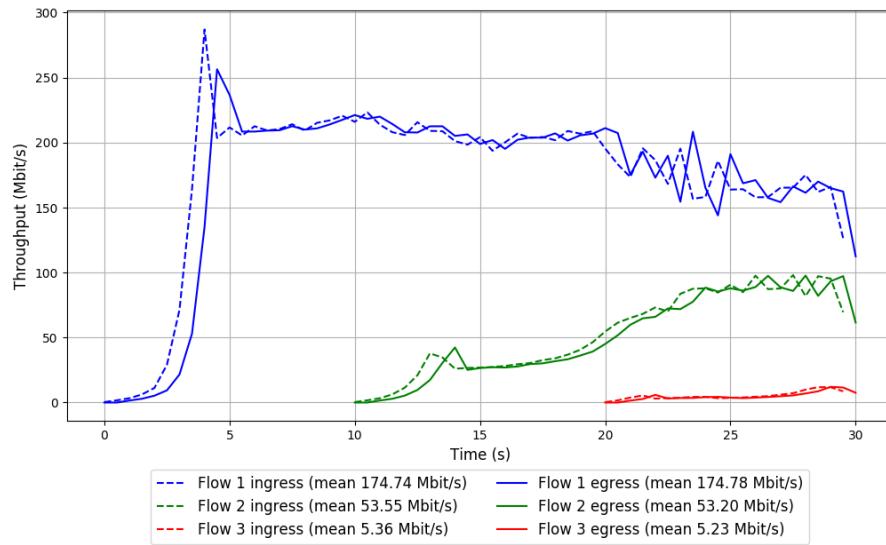


Run 8: Statistics of PCC-Vivace

```
Start at: 2018-07-25 11:24:03
End at: 2018-07-25 11:24:33
Local clock offset: 3.115 ms
Remote clock offset: -37.723 ms

# Below is generated by plot.py at 2018-07-25 13:52:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 211.73 Mbit/s
95th percentile per-packet one-way delay: 144.509 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 174.78 Mbit/s
95th percentile per-packet one-way delay: 144.679 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 53.20 Mbit/s
95th percentile per-packet one-way delay: 143.320 ms
Loss rate: 1.65%
-- Flow 3:
Average throughput: 5.23 Mbit/s
95th percentile per-packet one-way delay: 143.350 ms
Loss rate: 4.28%
```

Run 8: Report of PCC-Vivace — Data Link

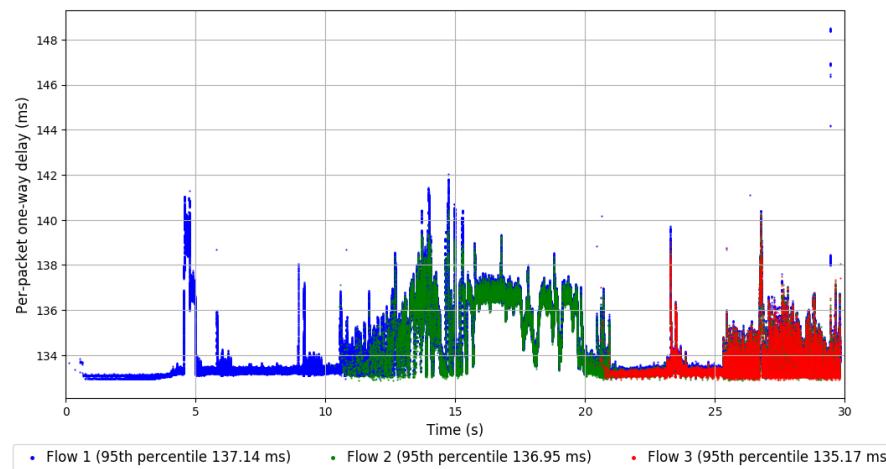
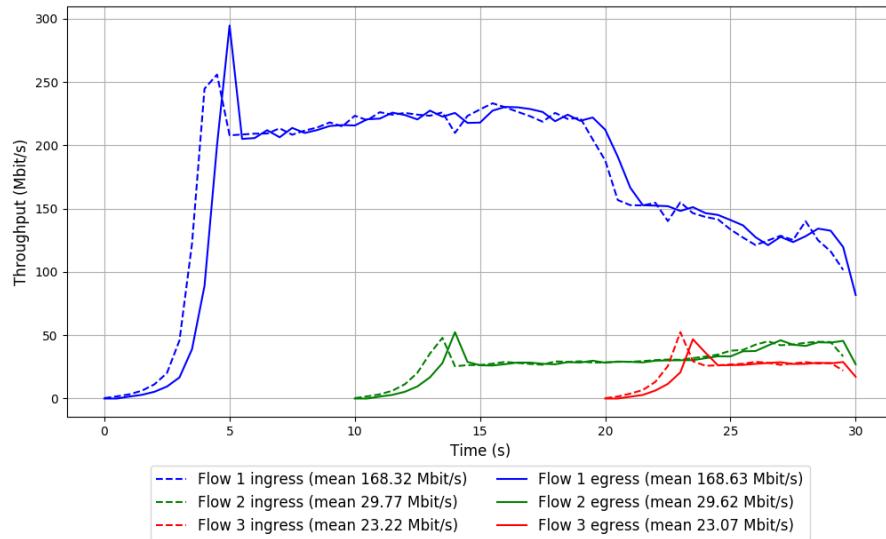


Run 9: Statistics of PCC-Vivace

```
Start at: 2018-07-25 11:54:10
End at: 2018-07-25 11:54:40
Local clock offset: 0.007 ms
Remote clock offset: -32.084 ms

# Below is generated by plot.py at 2018-07-25 13:52:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 195.75 Mbit/s
95th percentile per-packet one-way delay: 137.101 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 168.63 Mbit/s
95th percentile per-packet one-way delay: 137.141 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 29.62 Mbit/s
95th percentile per-packet one-way delay: 136.946 ms
Loss rate: 1.46%
-- Flow 3:
Average throughput: 23.07 Mbit/s
95th percentile per-packet one-way delay: 135.166 ms
Loss rate: 2.59%
```

Run 9: Report of PCC-Vivace — Data Link

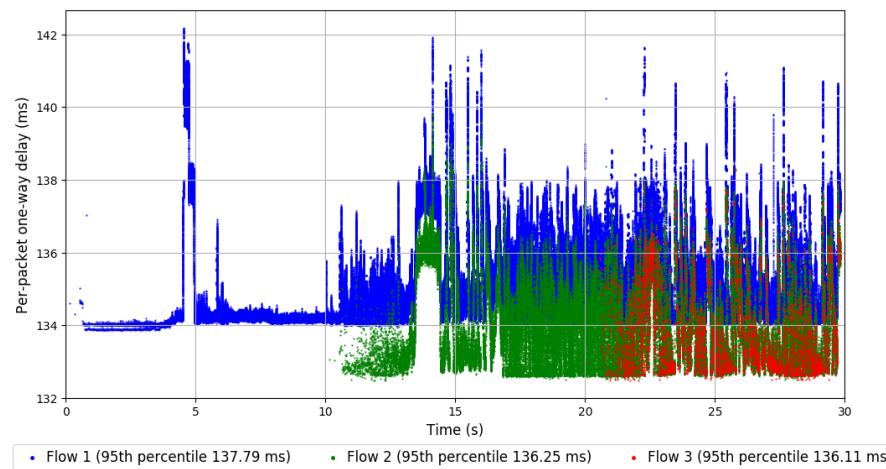
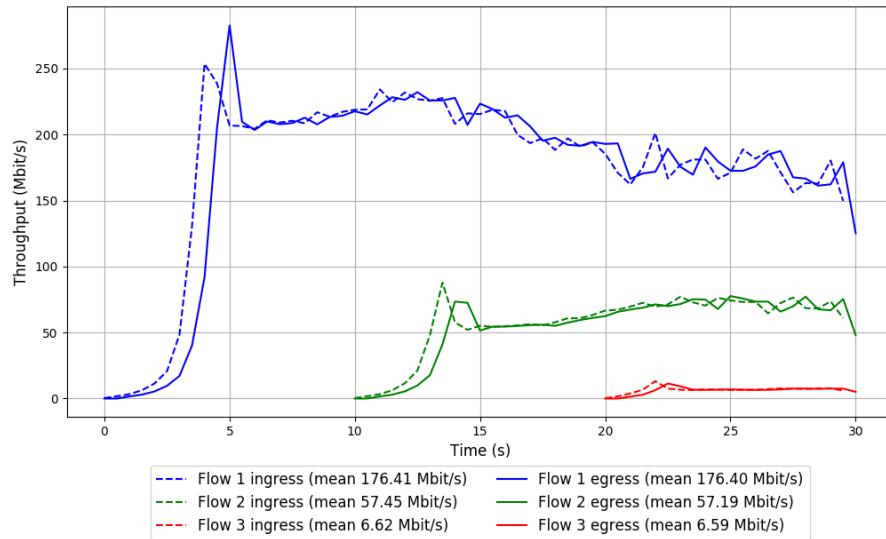


Run 10: Statistics of PCC-Vivace

```
Start at: 2018-07-25 12:30:08
End at: 2018-07-25 12:30:38
Local clock offset: -0.304 ms
Remote clock offset: -34.121 ms

# Below is generated by plot.py at 2018-07-25 13:52:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 216.46 Mbit/s
95th percentile per-packet one-way delay: 137.660 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 176.40 Mbit/s
95th percentile per-packet one-way delay: 137.790 ms
Loss rate: 0.67%
-- Flow 2:
Average throughput: 57.19 Mbit/s
95th percentile per-packet one-way delay: 136.249 ms
Loss rate: 1.42%
-- Flow 3:
Average throughput: 6.59 Mbit/s
95th percentile per-packet one-way delay: 136.114 ms
Loss rate: 2.40%
```

Run 10: Report of PCC-Vivace — Data Link

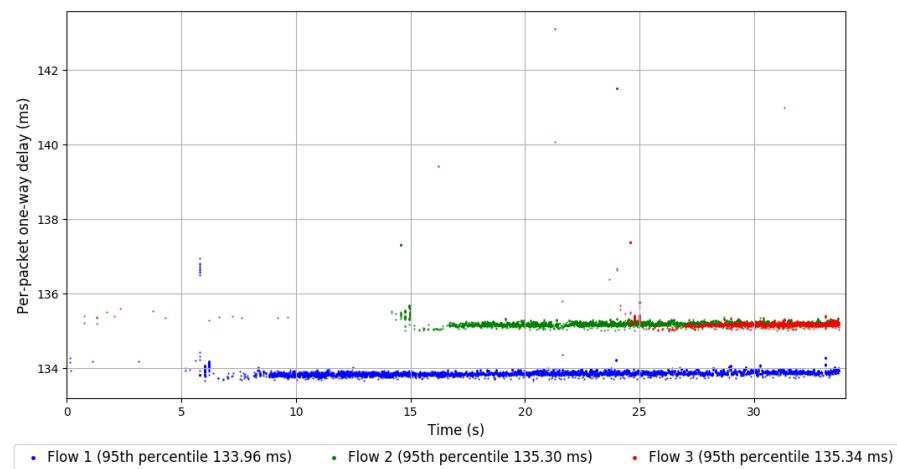
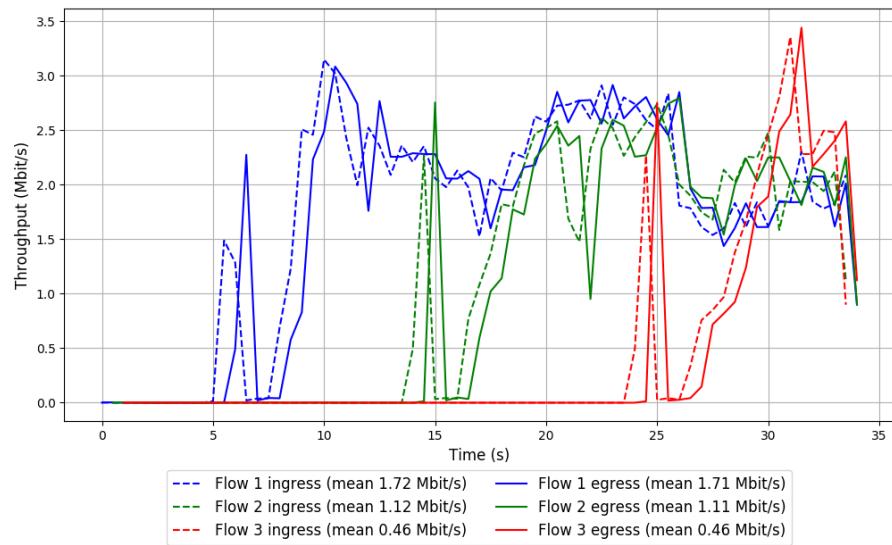


```
Run 1: Statistics of WebRTC media

Start at: 2018-07-25 07:49:13
End at: 2018-07-25 07:49:43
Local clock offset: -0.288 ms
Remote clock offset: -31.085 ms

# Below is generated by plot.py at 2018-07-25 13:52:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.24 Mbit/s
95th percentile per-packet one-way delay: 135.259 ms
Loss rate: 1.25%
-- Flow 1:
Average throughput: 1.71 Mbit/s
95th percentile per-packet one-way delay: 133.959 ms
Loss rate: 1.40%
-- Flow 2:
Average throughput: 1.11 Mbit/s
95th percentile per-packet one-way delay: 135.298 ms
Loss rate: 0.92%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 135.340 ms
Loss rate: 1.50%
```

### Run 1: Report of WebRTC media — Data Link

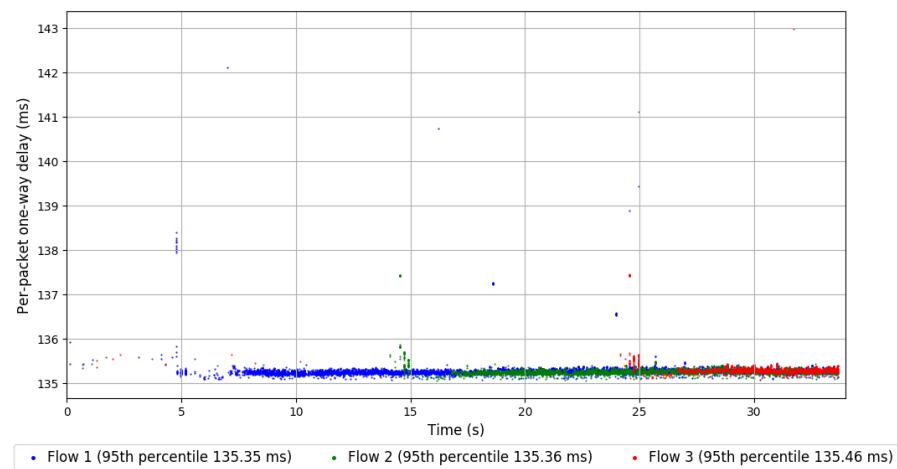
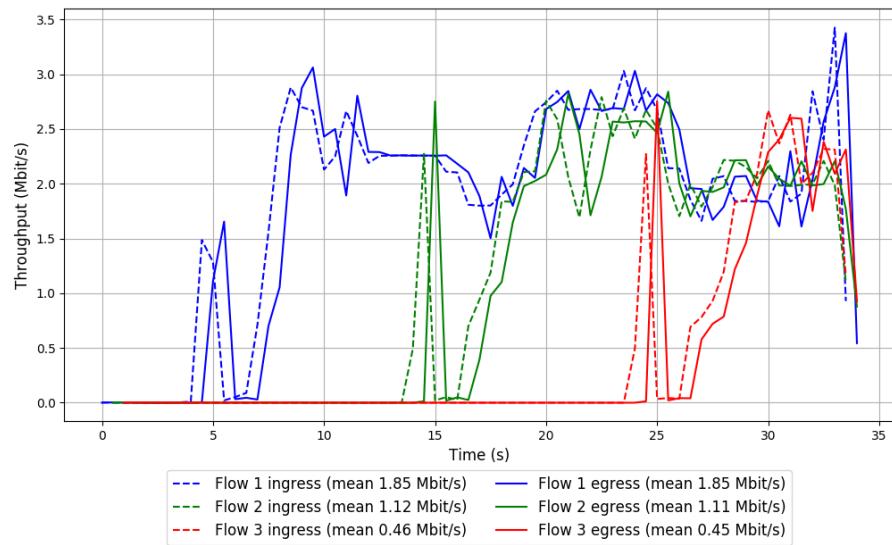


Run 2: Statistics of WebRTC media

```
Start at: 2018-07-25 08:19:09
End at: 2018-07-25 08:19:39
Local clock offset: -0.463 ms
Remote clock offset: -30.078 ms

# Below is generated by plot.py at 2018-07-25 13:52:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.37 Mbit/s
95th percentile per-packet one-way delay: 135.363 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 1.85 Mbit/s
95th percentile per-packet one-way delay: 135.347 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 1.11 Mbit/s
95th percentile per-packet one-way delay: 135.363 ms
Loss rate: 1.19%
-- Flow 3:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 135.455 ms
Loss rate: 3.10%
```

Run 2: Report of WebRTC media — Data Link

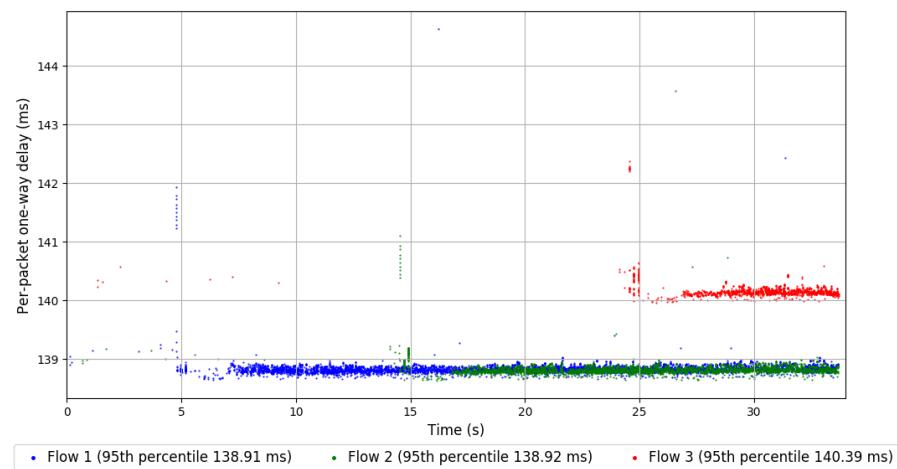
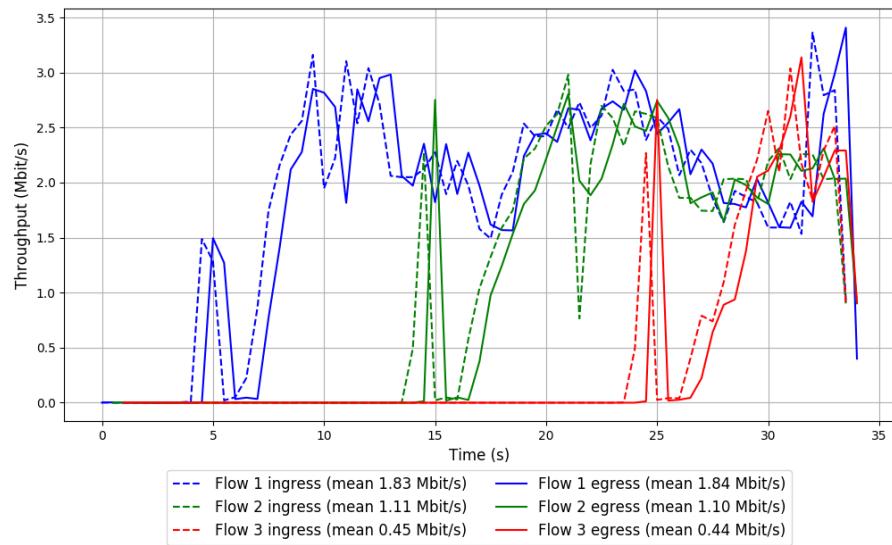


Run 3: Statistics of WebRTC media

```
Start at: 2018-07-25 08:49:29
End at: 2018-07-25 08:49:59
Local clock offset: -1.739 ms
Remote clock offset: -35.11 ms

# Below is generated by plot.py at 2018-07-25 13:52:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.35 Mbit/s
95th percentile per-packet one-way delay: 140.152 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 1.84 Mbit/s
95th percentile per-packet one-way delay: 138.905 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 1.10 Mbit/s
95th percentile per-packet one-way delay: 138.916 ms
Loss rate: 0.92%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 140.393 ms
Loss rate: 2.34%
```

### Run 3: Report of WebRTC media — Data Link

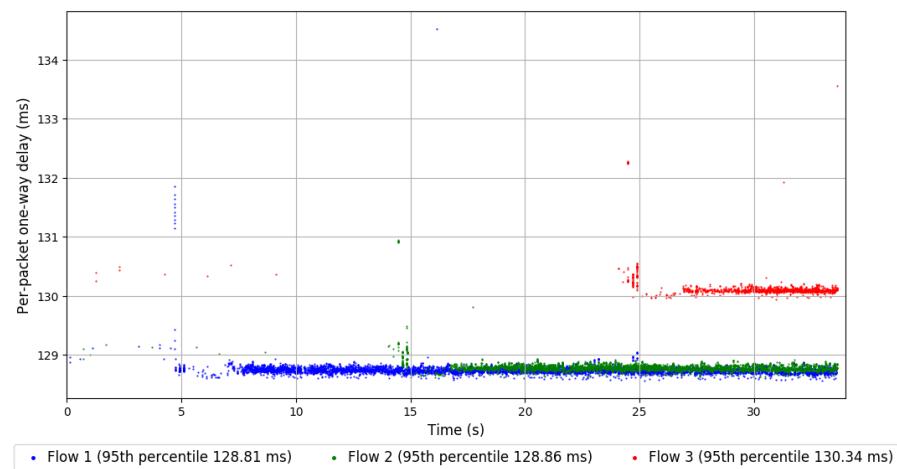
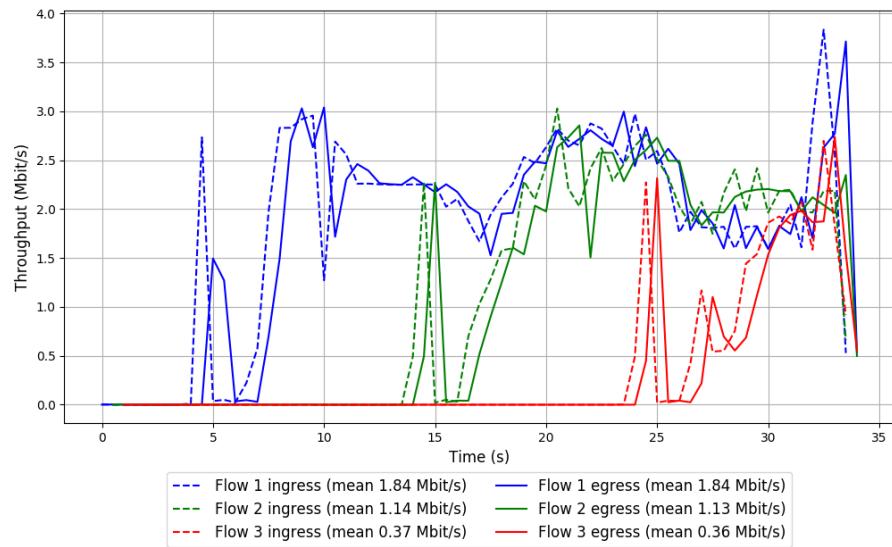


Run 4: Statistics of WebRTC media

```
Start at: 2018-07-25 09:25:03
End at: 2018-07-25 09:25:33
Local clock offset: -8.836 ms
Remote clock offset: -33.373 ms

# Below is generated by plot.py at 2018-07-25 13:52:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.30 Mbit/s
95th percentile per-packet one-way delay: 130.098 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 1.84 Mbit/s
95th percentile per-packet one-way delay: 128.814 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 1.13 Mbit/s
95th percentile per-packet one-way delay: 128.862 ms
Loss rate: 0.87%
-- Flow 3:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 130.340 ms
Loss rate: 3.97%
```

Run 4: Report of WebRTC media — Data Link

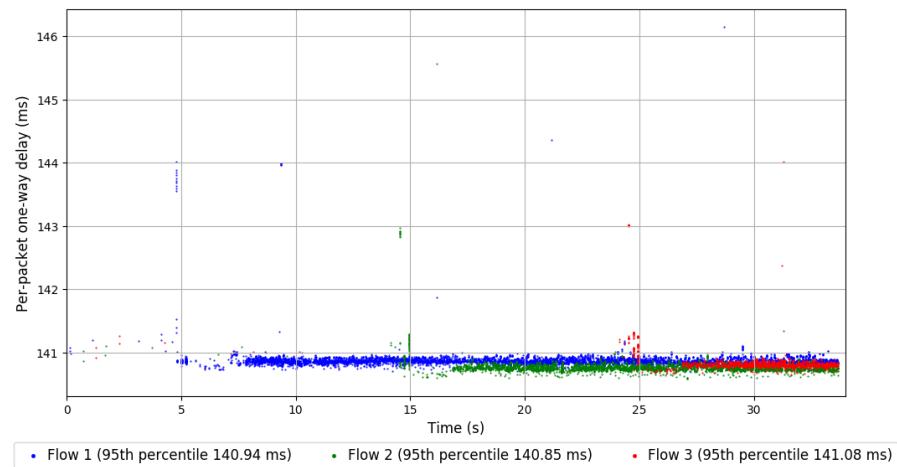
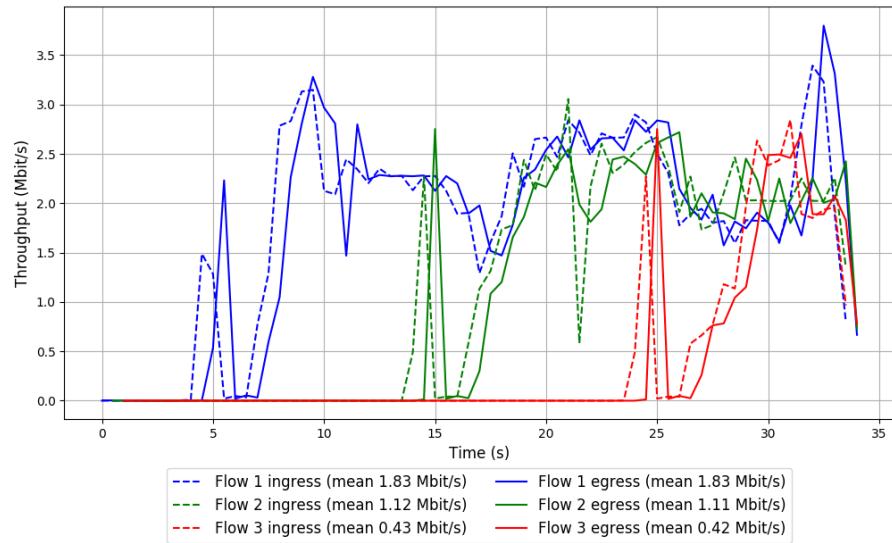


```
Run 5: Statistics of WebRTC media

Start at: 2018-07-25 10:00:52
End at: 2018-07-25 10:01:22
Local clock offset: 1.069 ms
Remote clock offset: -36.413 ms

# Below is generated by plot.py at 2018-07-25 13:52:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.33 Mbit/s
95th percentile per-packet one-way delay: 140.936 ms
Loss rate: 1.12%
-- Flow 1:
Average throughput: 1.83 Mbit/s
95th percentile per-packet one-way delay: 140.941 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 1.11 Mbit/s
95th percentile per-packet one-way delay: 140.851 ms
Loss rate: 1.51%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 141.081 ms
Loss rate: 3.10%
```

Run 5: Report of WebRTC media — Data Link

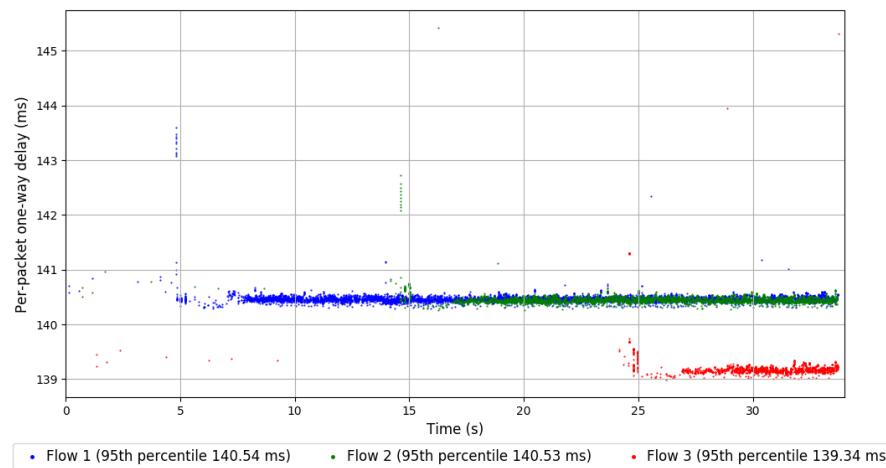
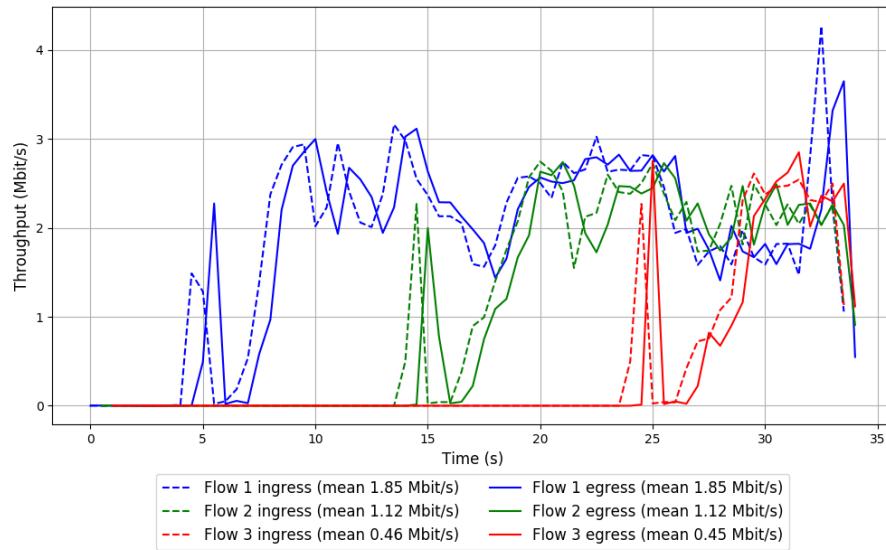


Run 6: Statistics of WebRTC media

```
Start at: 2018-07-25 10:34:56
End at: 2018-07-25 10:35:26
Local clock offset: 1.6 ms
Remote clock offset: -37.17 ms

# Below is generated by plot.py at 2018-07-25 13:52:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.38 Mbit/s
95th percentile per-packet one-way delay: 140.532 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 1.85 Mbit/s
95th percentile per-packet one-way delay: 140.537 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 1.12 Mbit/s
95th percentile per-packet one-way delay: 140.535 ms
Loss rate: 1.21%
-- Flow 3:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 139.345 ms
Loss rate: 2.32%
```

Run 6: Report of WebRTC media — Data Link

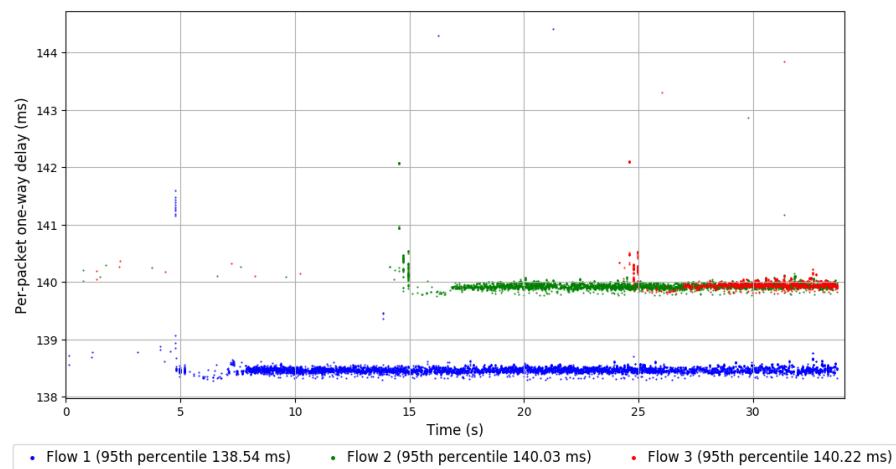
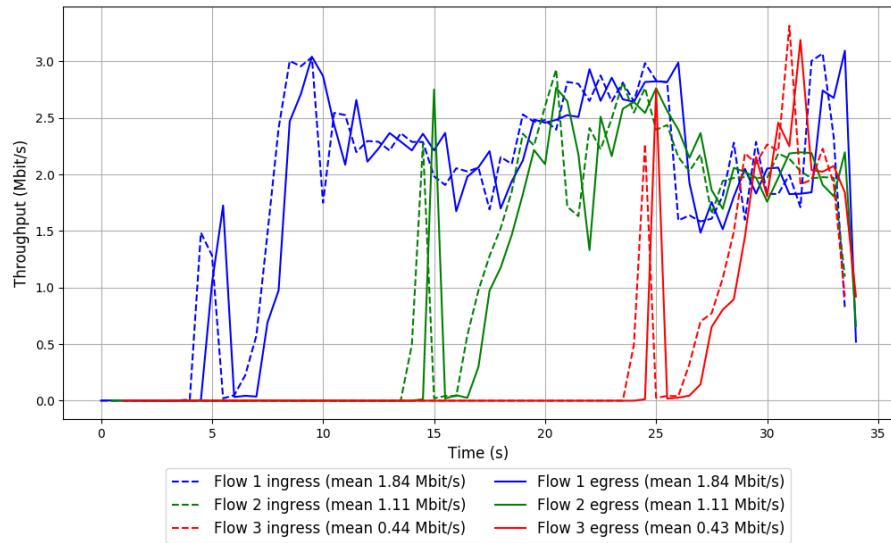


Run 7: Statistics of WebRTC media

```
Start at: 2018-07-25 10:59:35
End at: 2018-07-25 11:00:05
Local clock offset: 0.739 ms
Remote clock offset: -38.125 ms

# Below is generated by plot.py at 2018-07-25 13:52:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.34 Mbit/s
95th percentile per-packet one-way delay: 140.006 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 1.84 Mbit/s
95th percentile per-packet one-way delay: 138.540 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 1.11 Mbit/s
95th percentile per-packet one-way delay: 140.028 ms
Loss rate: 1.19%
-- Flow 3:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 140.224 ms
Loss rate: 2.44%
```

Run 7: Report of WebRTC media — Data Link

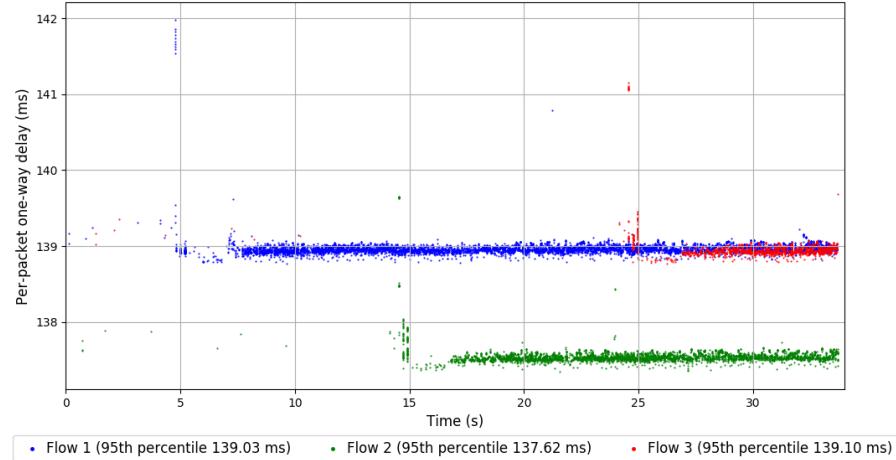
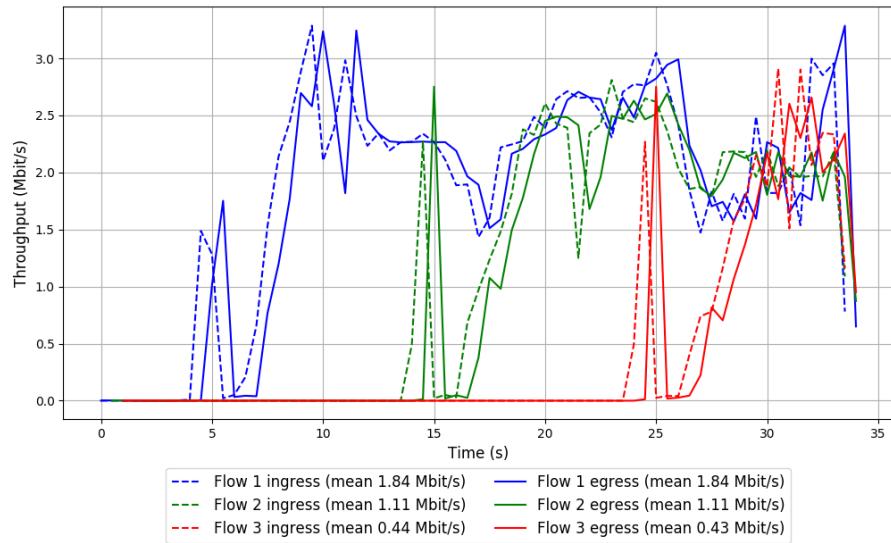


Run 8: Statistics of WebRTC media

```
Start at: 2018-07-25 11:29:39
End at: 2018-07-25 11:30:09
Local clock offset: 0.317 ms
Remote clock offset: -38.049 ms

# Below is generated by plot.py at 2018-07-25 13:52:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.34 Mbit/s
95th percentile per-packet one-way delay: 139.026 ms
Loss rate: 1.07%
-- Flow 1:
Average throughput: 1.84 Mbit/s
95th percentile per-packet one-way delay: 139.032 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 1.11 Mbit/s
95th percentile per-packet one-way delay: 137.622 ms
Loss rate: 1.18%
-- Flow 3:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 139.105 ms
Loss rate: 3.18%
```

Run 8: Report of WebRTC media — Data Link

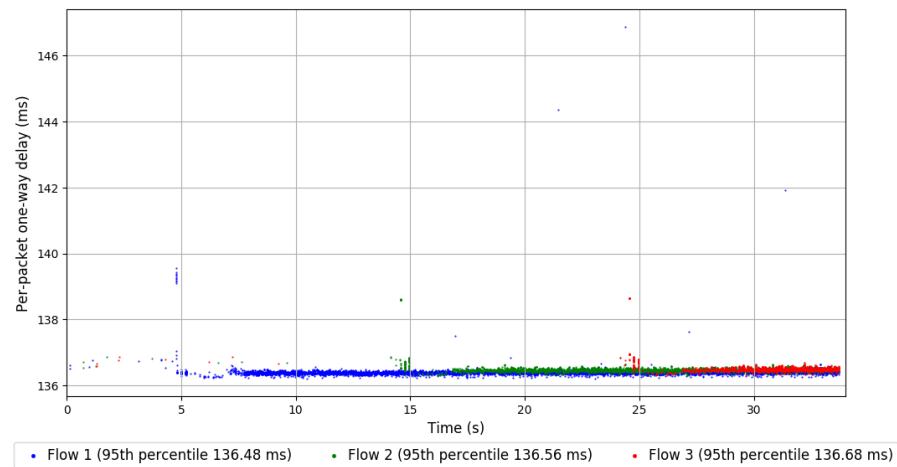
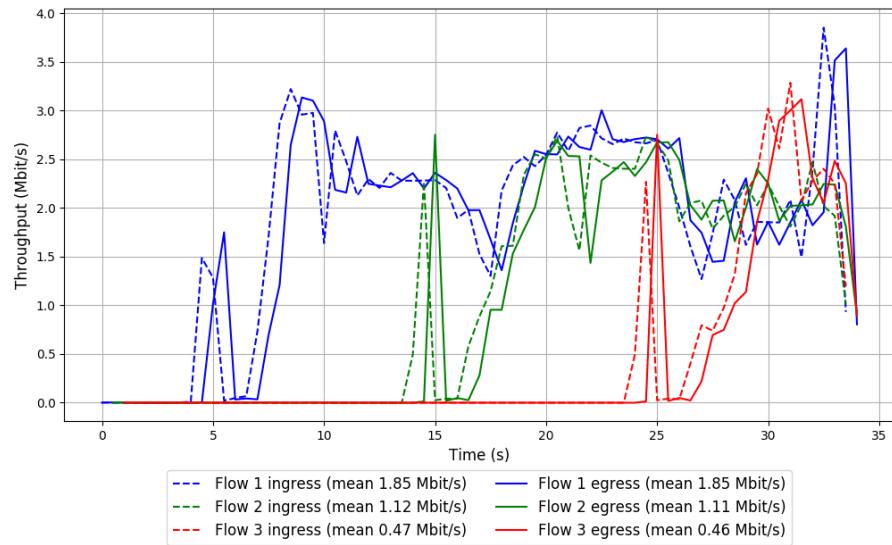


Run 9: Statistics of WebRTC media

```
Start at: 2018-07-25 12:11:23
End at: 2018-07-25 12:11:53
Local clock offset: 2.51 ms
Remote clock offset: -34.79 ms

# Below is generated by plot.py at 2018-07-25 13:52:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.39 Mbit/s
95th percentile per-packet one-way delay: 136.551 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 1.85 Mbit/s
95th percentile per-packet one-way delay: 136.478 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 1.11 Mbit/s
95th percentile per-packet one-way delay: 136.561 ms
Loss rate: 0.91%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 136.682 ms
Loss rate: 2.92%
```

### Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

```
Start at: 2018-07-25 12:35:44
End at: 2018-07-25 12:36:14
Local clock offset: 0.845 ms
Remote clock offset: -30.277 ms

# Below is generated by plot.py at 2018-07-25 13:52:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.43 Mbit/s
95th percentile per-packet one-way delay: 131.379 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 131.395 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 1.12 Mbit/s
95th percentile per-packet one-way delay: 130.076 ms
Loss rate: 1.20%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 130.309 ms
Loss rate: 3.10%
```

### Run 10: Report of WebRTC media — Data Link

