

## Pantheon Report

Generated at 2018-07-27 01:31:30 (UTC).

Data path: GCE London Ethernet (*local*) → GCE Iowa Ethernet (*remote*).

Repeated the test of 17 congestion control schemes 10 times.

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

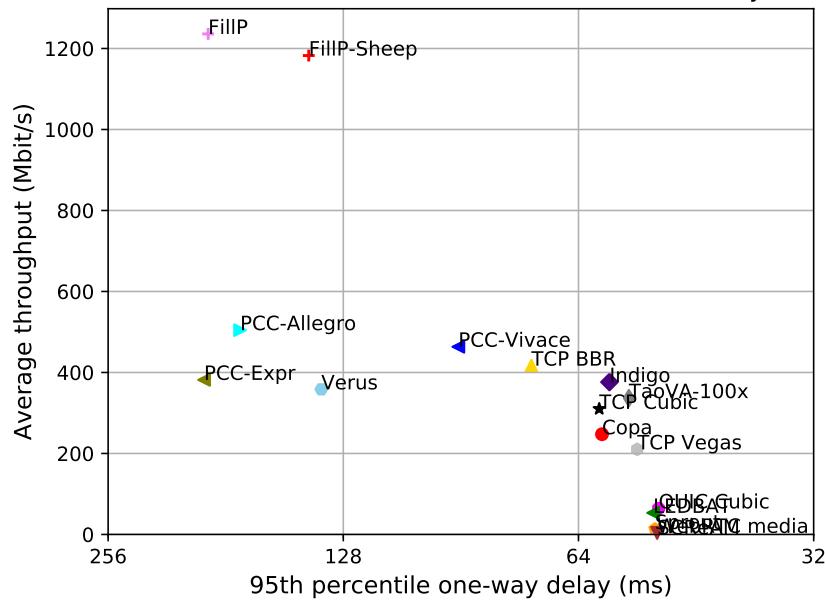
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

NTP offsets were measured against `time.google.com` and have been applied to correct the timestamps in logs.

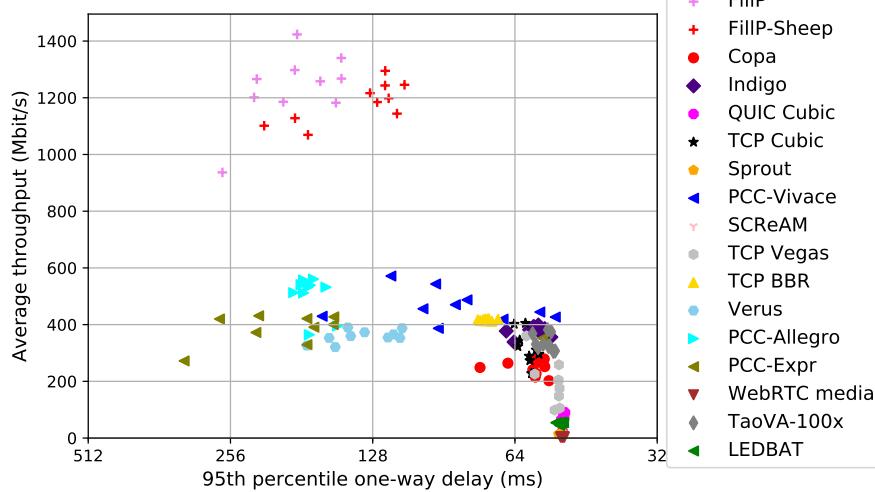
Git summary:

```
branch: master @ 640164b5b17c7c6561fff57729b3b5935d8596ce
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ daed0c84f98531712514b2231f43ec6901114ffe
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
  M src/ScreamClient
  M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

test from GCE London to GCE Iowa, 10 runs of 30s each per scheme  
 3 flows with 10s interval between flows (mean of all runs by scheme)



test from GCE London to GCE Iowa, 10 runs of 30s each per scheme  
 3 flows with 10s interval between flows



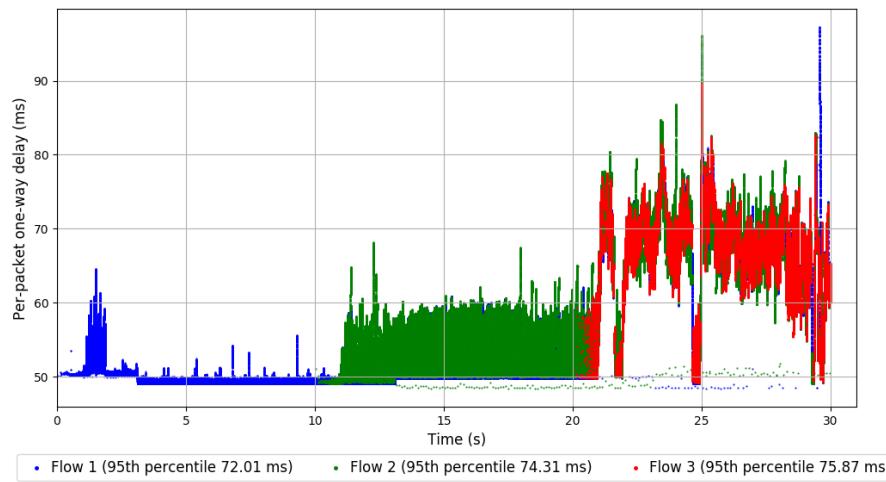
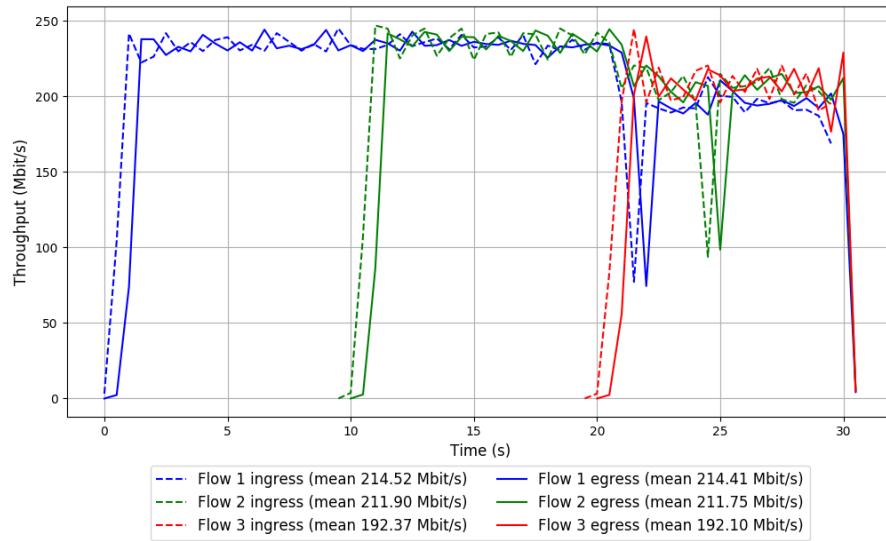
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	214.71	207.12	192.56	71.96	73.76	75.47	0.00	0.00	0.00
Copa		142.71	101.20	117.03	59.74	58.91	57.70	0.02	0.00	0.01
TCP Cubic		165.66	160.43	113.15	59.15	59.71	60.13	0.03	0.01	0.05
FillP		677.70	604.89	469.27	167.91	220.23	183.99	3.56	3.62	1.97
FillP-Sheep		640.11	555.47	521.13	139.94	149.22	107.20	0.56	0.62	0.46
Indigo		195.71	192.82	162.15	57.46	58.69	59.71	0.00	0.01	0.00
LEDBAT		34.16	23.46	10.68	51.46	51.12	51.06	0.00	0.00	0.00
PCC-Allegro		467.78	34.62	41.98	174.12	162.01	161.12	1.34	1.40	2.20
PCC-Expr		230.44	200.99	52.97	177.82	180.77	110.83	2.19	5.45	1.88
QUIC Cubic		36.91	31.76	19.48	50.07	50.39	50.37	0.00	0.00	0.00
SCReAM		0.22	0.22	0.22	50.43	50.28	50.36	0.00	0.00	0.00
Sprout		6.91	6.65	6.28	51.11	51.03	50.95	0.00	0.00	0.00
TaoVA-100x		183.14	165.27	130.94	53.88	55.60	57.09	0.00	0.00	0.00
TCP Vegas		100.74	103.59	121.84	53.23	52.70	54.29	0.00	0.00	0.01
Verus		209.67	161.64	127.39	133.28	135.75	162.78	0.77	0.21	1.48
PCC-Vivace		273.36	234.24	104.13	97.98	86.63	52.54	0.06	0.00	0.01
WebRTC media		2.09	1.35	0.54	50.29	50.44	50.65	0.00	0.01	0.02

Run 1: Statistics of TCP BBR

```
Start at: 2018-07-26 18:28:28
End at: 2018-07-26 18:28:58
Local clock offset: 0.275 ms
Remote clock offset: -0.015 ms

# Below is generated by plot.py at 2018-07-26 22:54:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 419.56 Mbit/s
95th percentile per-packet one-way delay: 73.901 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 214.41 Mbit/s
95th percentile per-packet one-way delay: 72.012 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 211.75 Mbit/s
95th percentile per-packet one-way delay: 74.308 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 192.10 Mbit/s
95th percentile per-packet one-way delay: 75.869 ms
Loss rate: 0.00%
```

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

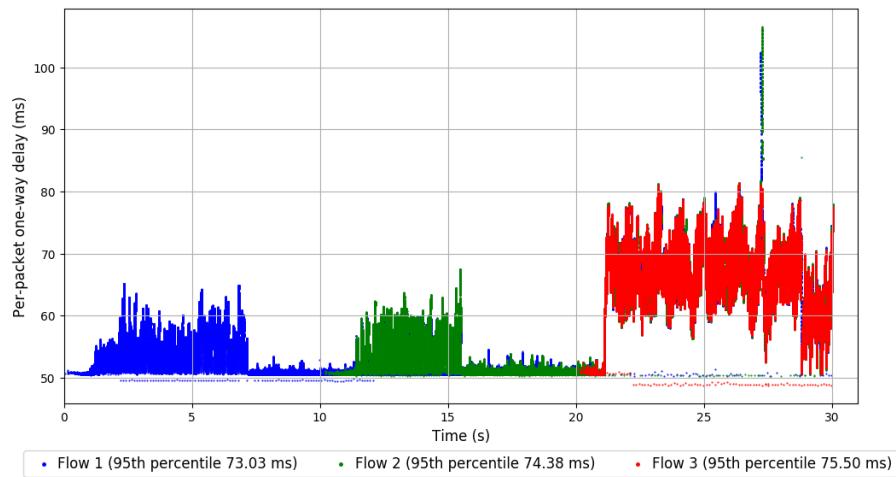
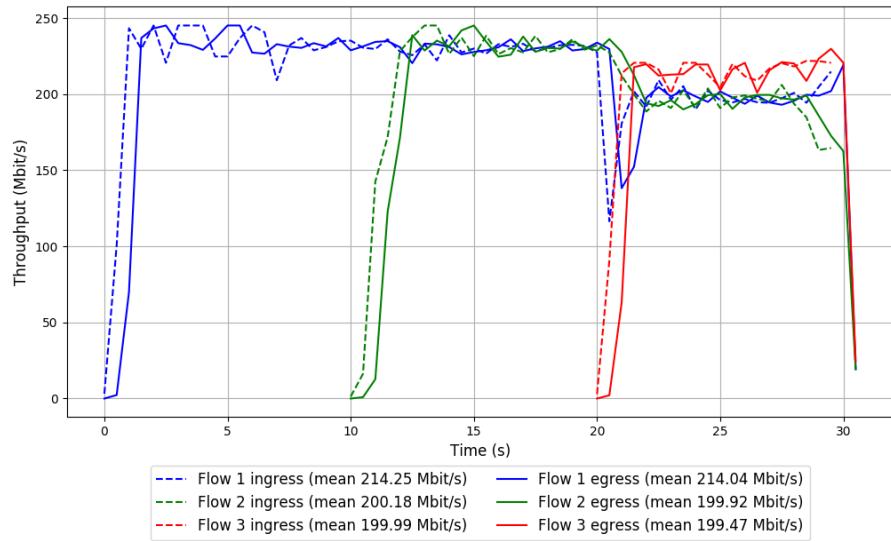


Run 2: Statistics of TCP BBR

```
Start at: 2018-07-26 18:53:29
End at: 2018-07-26 18:53:59
Local clock offset: -0.099 ms
Remote clock offset: 0.034 ms

# Below is generated by plot.py at 2018-07-26 22:54:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 413.63 Mbit/s
95th percentile per-packet one-way delay: 74.160 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 214.04 Mbit/s
95th percentile per-packet one-way delay: 73.032 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 199.92 Mbit/s
95th percentile per-packet one-way delay: 74.382 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 199.47 Mbit/s
95th percentile per-packet one-way delay: 75.505 ms
Loss rate: 0.00%
```

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

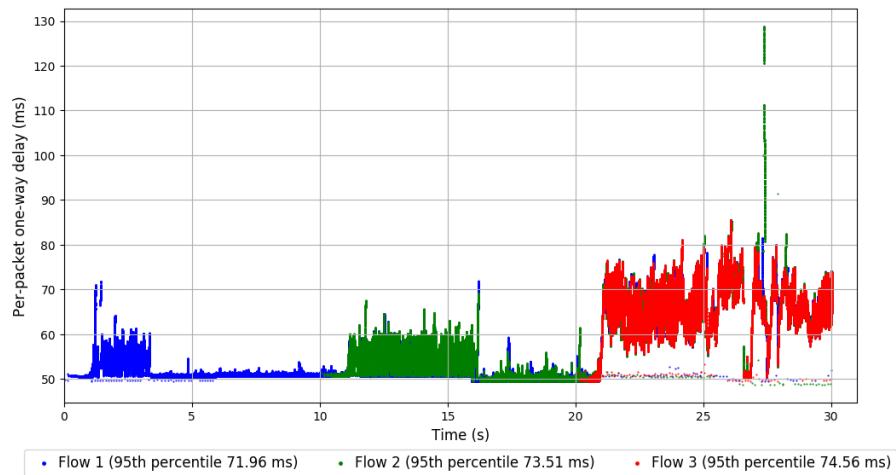
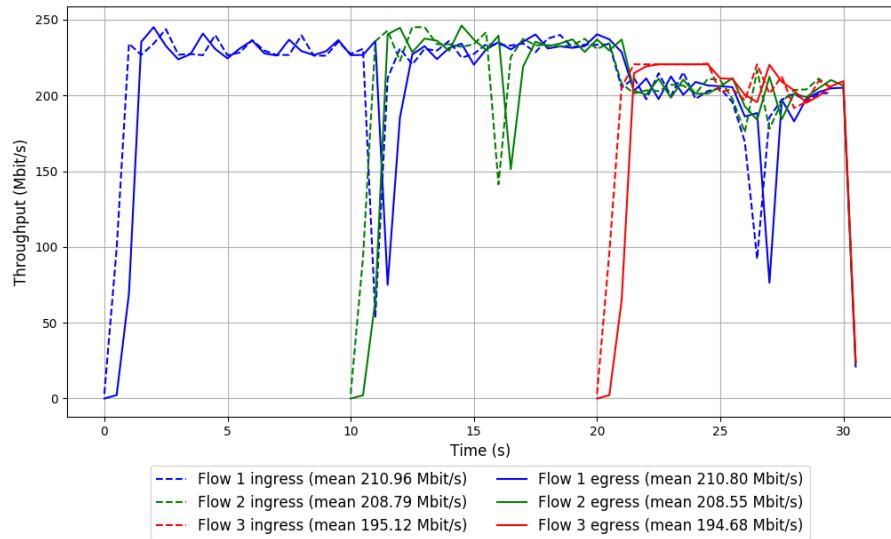


Run 3: Statistics of TCP BBR

```
Start at: 2018-07-26 19:18:26
End at: 2018-07-26 19:18:56
Local clock offset: -0.074 ms
Remote clock offset: -0.062 ms

# Below is generated by plot.py at 2018-07-26 22:54:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 414.58 Mbit/s
95th percentile per-packet one-way delay: 73.112 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 210.80 Mbit/s
95th percentile per-packet one-way delay: 71.959 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 208.55 Mbit/s
95th percentile per-packet one-way delay: 73.512 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 194.68 Mbit/s
95th percentile per-packet one-way delay: 74.559 ms
Loss rate: 0.00%
```

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

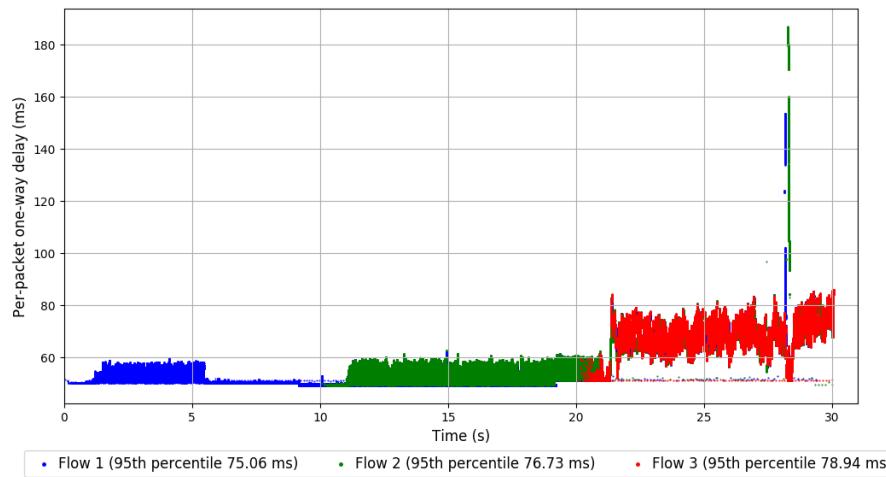
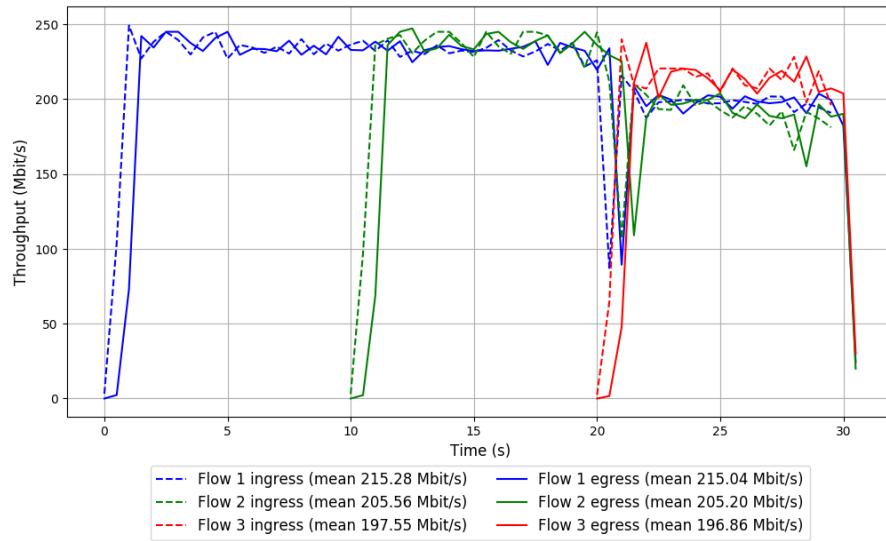


Run 4: Statistics of TCP BBR

```
Start at: 2018-07-26 19:43:32
End at: 2018-07-26 19:44:02
Local clock offset: -0.437 ms
Remote clock offset: -0.152 ms

# Below is generated by plot.py at 2018-07-26 22:54:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 417.31 Mbit/s
95th percentile per-packet one-way delay: 76.656 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 215.04 Mbit/s
95th percentile per-packet one-way delay: 75.059 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 205.20 Mbit/s
95th percentile per-packet one-way delay: 76.732 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 196.86 Mbit/s
95th percentile per-packet one-way delay: 78.935 ms
Loss rate: 0.00%
```

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

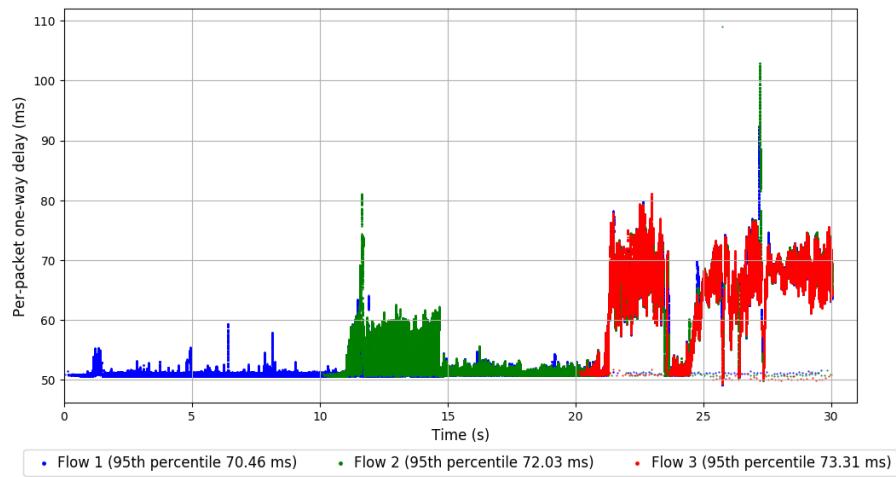
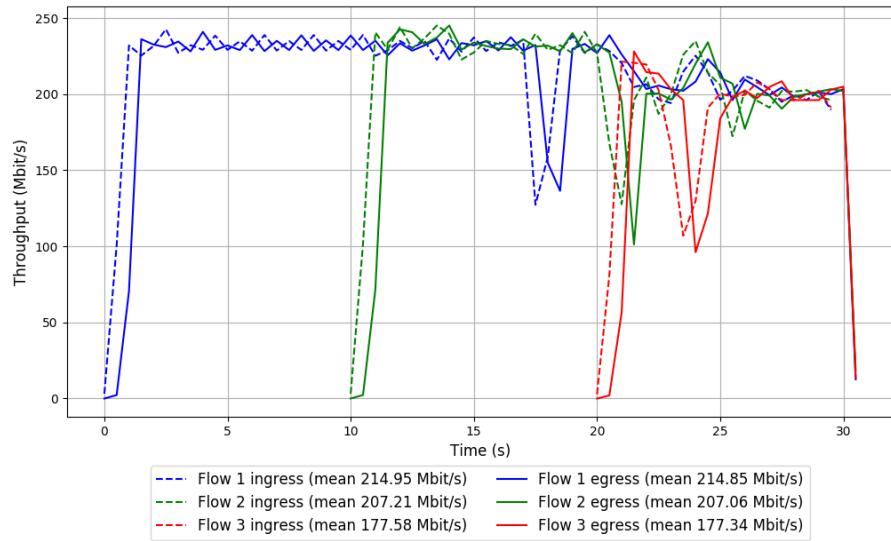


Run 5: Statistics of TCP BBR

```
Start at: 2018-07-26 20:08:57
End at: 2018-07-26 20:09:27
Local clock offset: -0.336 ms
Remote clock offset: -0.122 ms

# Below is generated by plot.py at 2018-07-26 22:54:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 411.77 Mbit/s
95th percentile per-packet one-way delay: 71.659 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 214.85 Mbit/s
95th percentile per-packet one-way delay: 70.459 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 207.06 Mbit/s
95th percentile per-packet one-way delay: 72.031 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 177.34 Mbit/s
95th percentile per-packet one-way delay: 73.313 ms
Loss rate: 0.00%
```

## Run 5: Report of TCP BBR — Data Link

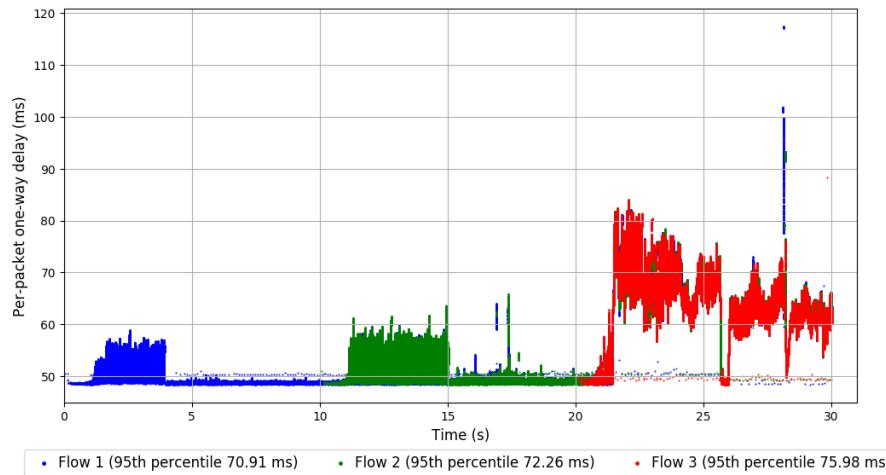
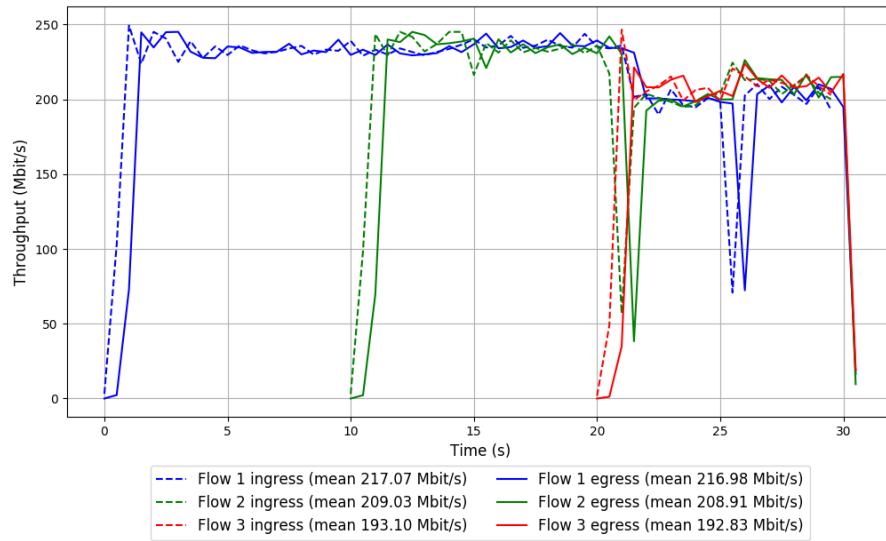


Run 6: Statistics of TCP BBR

```
Start at: 2018-07-26 20:33:26
End at: 2018-07-26 20:33:56
Local clock offset: 0.358 ms
Remote clock offset: -0.137 ms

# Below is generated by plot.py at 2018-07-26 22:54:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 420.21 Mbit/s
95th percentile per-packet one-way delay: 72.705 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 216.98 Mbit/s
95th percentile per-packet one-way delay: 70.908 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 208.91 Mbit/s
95th percentile per-packet one-way delay: 72.256 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 192.83 Mbit/s
95th percentile per-packet one-way delay: 75.976 ms
Loss rate: 0.00%
```

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

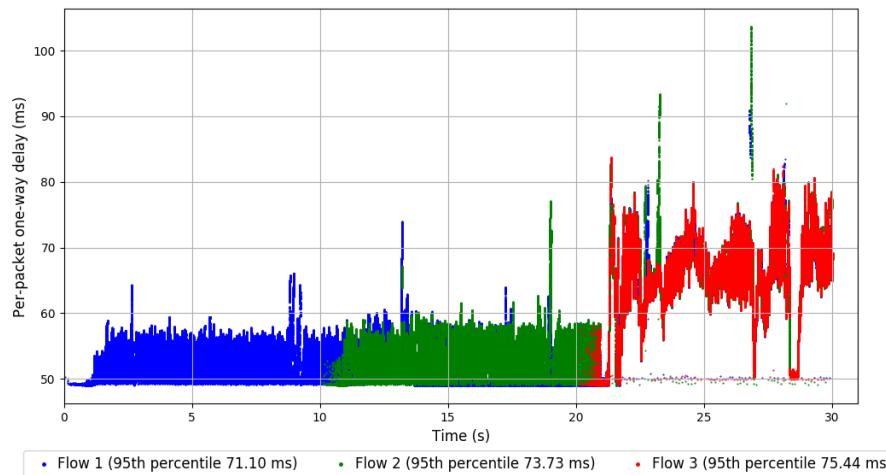
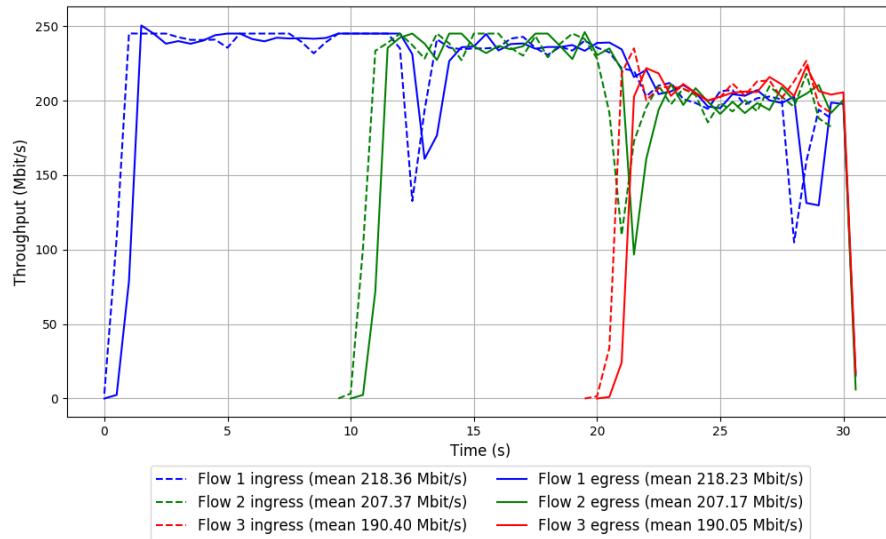


Run 7: Statistics of TCP BBR

```
Start at: 2018-07-26 20:58:17
End at: 2018-07-26 20:58:47
Local clock offset: -0.307 ms
Remote clock offset: -0.141 ms

# Below is generated by plot.py at 2018-07-26 22:54:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 419.61 Mbit/s
95th percentile per-packet one-way delay: 73.138 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 218.23 Mbit/s
95th percentile per-packet one-way delay: 71.098 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 207.17 Mbit/s
95th percentile per-packet one-way delay: 73.732 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 190.05 Mbit/s
95th percentile per-packet one-way delay: 75.441 ms
Loss rate: 0.00%
```

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

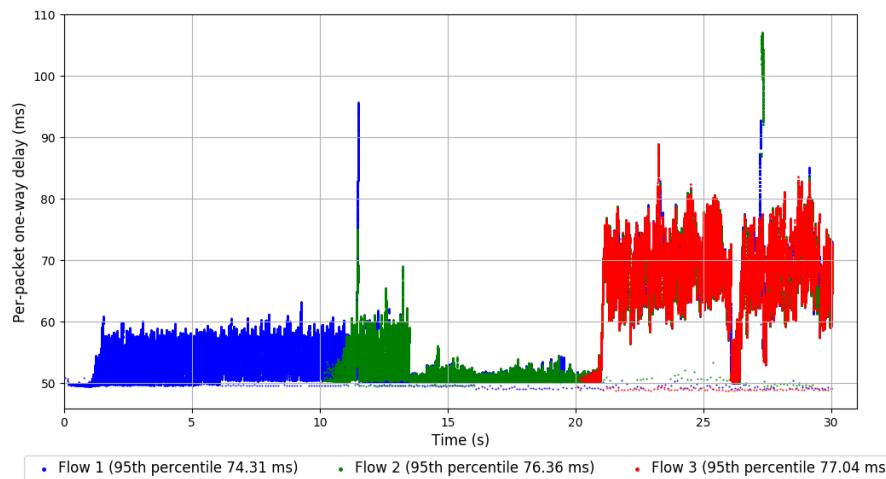
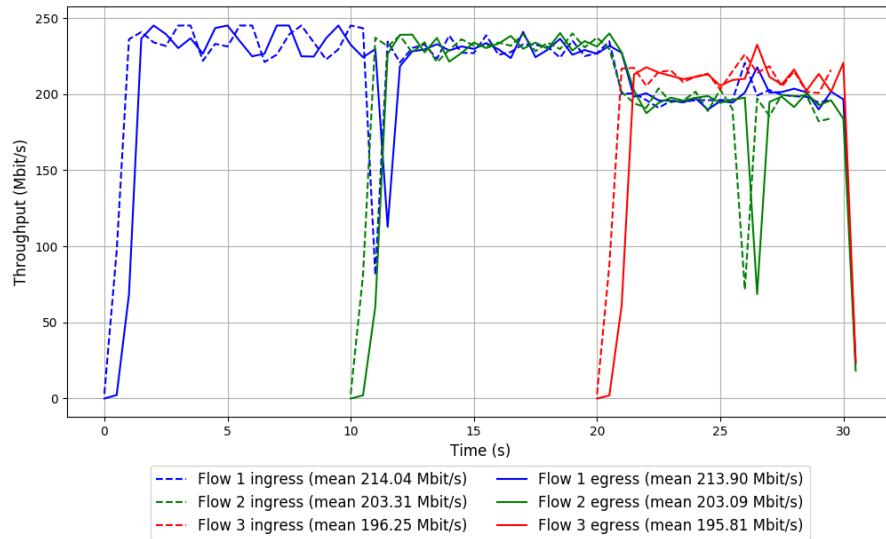


Run 8: Statistics of TCP BBR

```
Start at: 2018-07-26 21:23:15
End at: 2018-07-26 21:23:45
Local clock offset: 0.082 ms
Remote clock offset: -0.02 ms

# Below is generated by plot.py at 2018-07-26 22:54:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 414.30 Mbit/s
95th percentile per-packet one-way delay: 75.773 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 213.90 Mbit/s
95th percentile per-packet one-way delay: 74.308 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 203.09 Mbit/s
95th percentile per-packet one-way delay: 76.355 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 195.81 Mbit/s
95th percentile per-packet one-way delay: 77.044 ms
Loss rate: 0.00%
```

### Run 8: Report of TCP BBR — Data Link

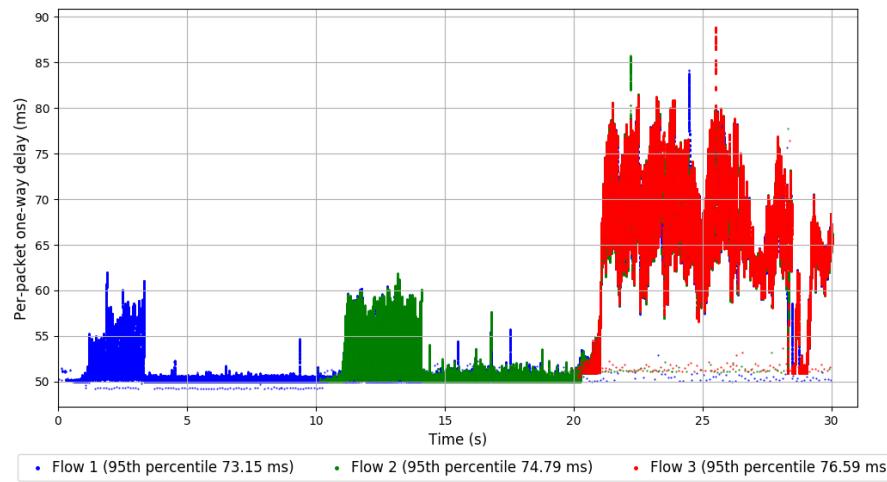
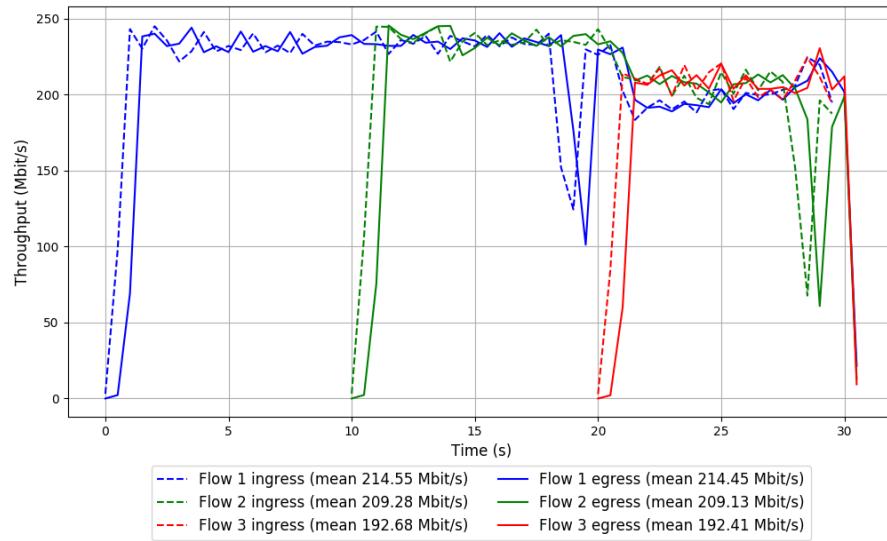


Run 9: Statistics of TCP BBR

```
Start at: 2018-07-26 21:48:21
End at: 2018-07-26 21:48:51
Local clock offset: -0.43 ms
Remote clock offset: -0.029 ms

# Below is generated by plot.py at 2018-07-26 23:00:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 417.71 Mbit/s
95th percentile per-packet one-way delay: 74.752 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 214.45 Mbit/s
95th percentile per-packet one-way delay: 73.147 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 209.13 Mbit/s
95th percentile per-packet one-way delay: 74.788 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 192.41 Mbit/s
95th percentile per-packet one-way delay: 76.594 ms
Loss rate: 0.00%
```

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

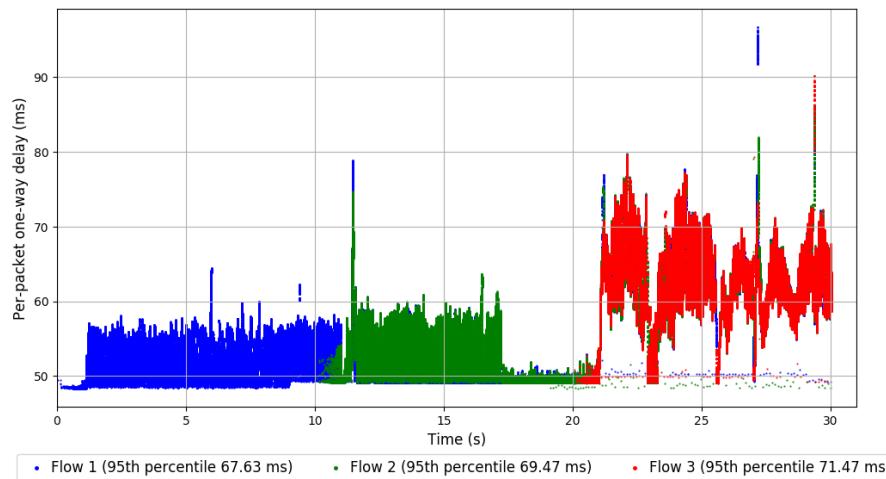
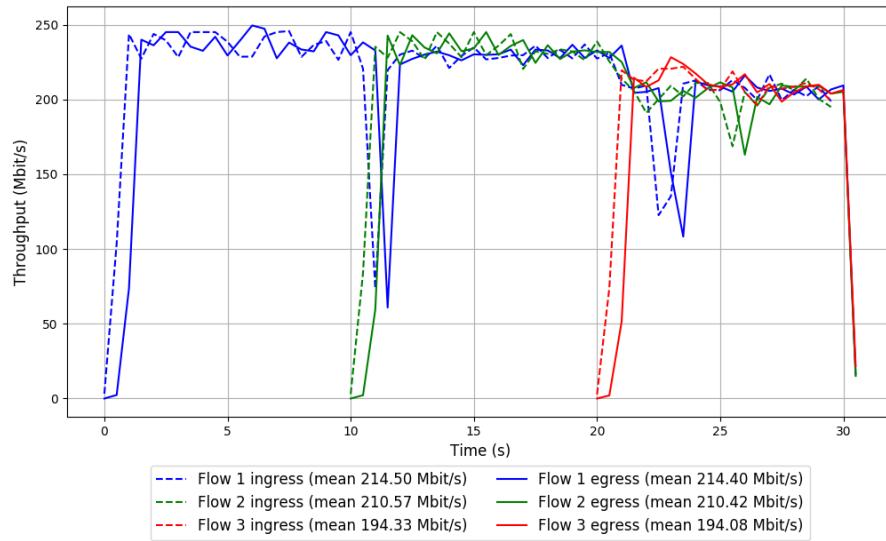


Run 10: Statistics of TCP BBR

```
Start at: 2018-07-26 22:13:03
End at: 2018-07-26 22:13:33
Local clock offset: 0.264 ms
Remote clock offset: -0.097 ms

# Below is generated by plot.py at 2018-07-26 23:00:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 419.19 Mbit/s
95th percentile per-packet one-way delay: 69.469 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 214.40 Mbit/s
95th percentile per-packet one-way delay: 67.630 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 210.42 Mbit/s
95th percentile per-packet one-way delay: 69.465 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 194.08 Mbit/s
95th percentile per-packet one-way delay: 71.468 ms
Loss rate: 0.00%
```

## Run 10: Report of TCP BBR — Data Link

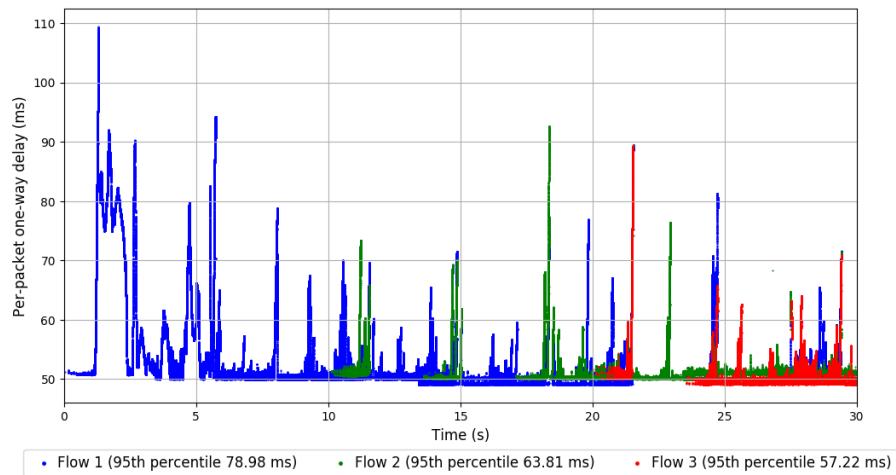
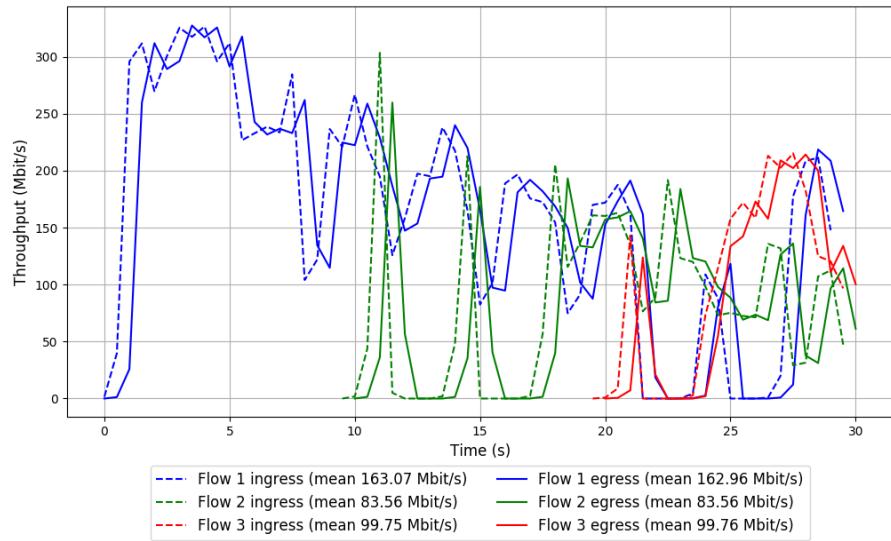


Run 1: Statistics of Copa

```
Start at: 2018-07-26 18:26:58
End at: 2018-07-26 18:27:28
Local clock offset: -0.451 ms
Remote clock offset: 0.007 ms

# Below is generated by plot.py at 2018-07-26 23:01:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 248.82 Mbit/s
95th percentile per-packet one-way delay: 75.883 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 162.96 Mbit/s
95th percentile per-packet one-way delay: 78.984 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 83.56 Mbit/s
95th percentile per-packet one-way delay: 63.811 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 99.76 Mbit/s
95th percentile per-packet one-way delay: 57.218 ms
Loss rate: 0.01%
```

## Run 1: Report of Copa — Data Link

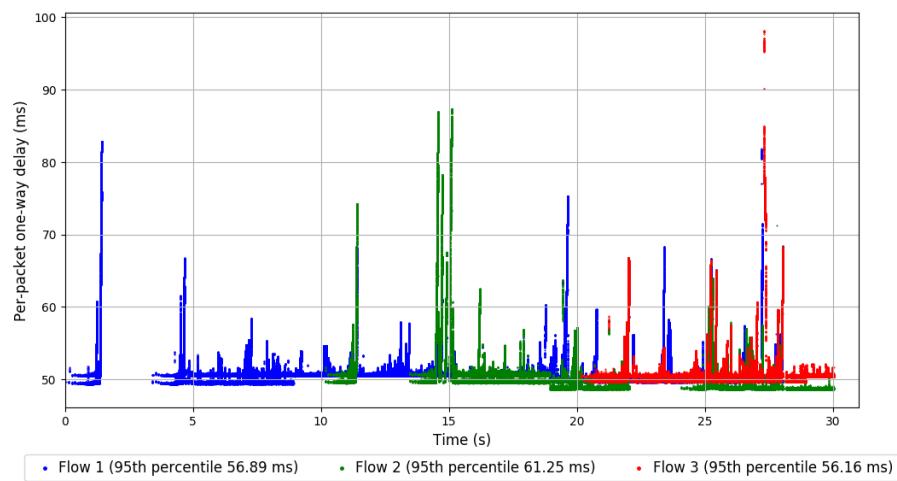
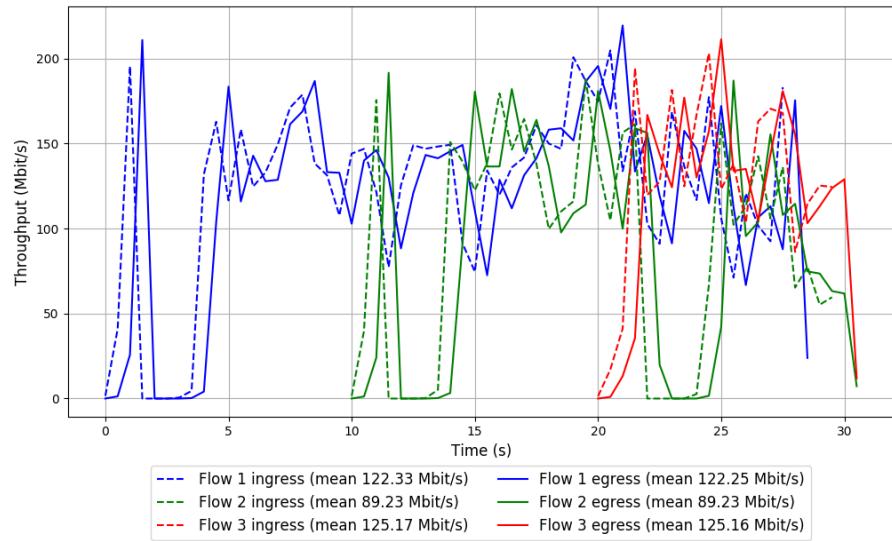


Run 2: Statistics of Copa

```
Start at: 2018-07-26 18:52:03
End at: 2018-07-26 18:52:33
Local clock offset: -0.105 ms
Remote clock offset: -0.002 ms

# Below is generated by plot.py at 2018-07-26 23:01:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 215.21 Mbit/s
95th percentile per-packet one-way delay: 57.970 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 122.25 Mbit/s
95th percentile per-packet one-way delay: 56.888 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 89.23 Mbit/s
95th percentile per-packet one-way delay: 61.248 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 125.16 Mbit/s
95th percentile per-packet one-way delay: 56.155 ms
Loss rate: 0.00%
```

## Run 2: Report of Copa — Data Link

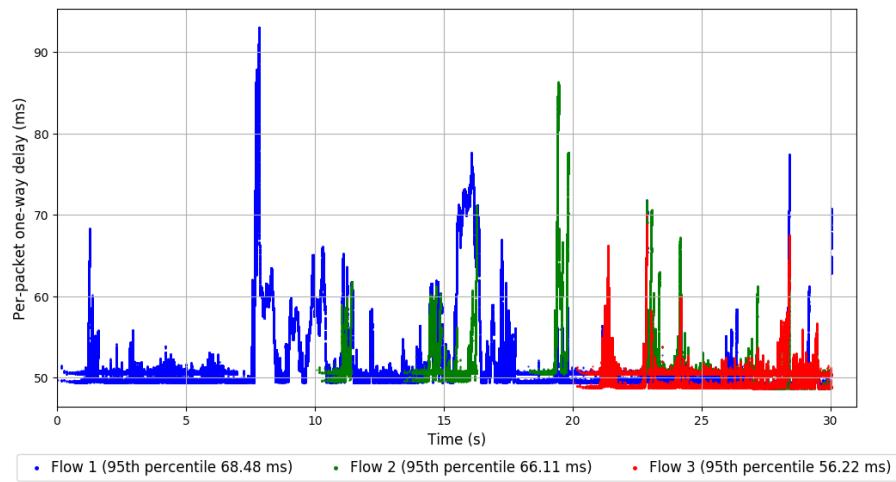
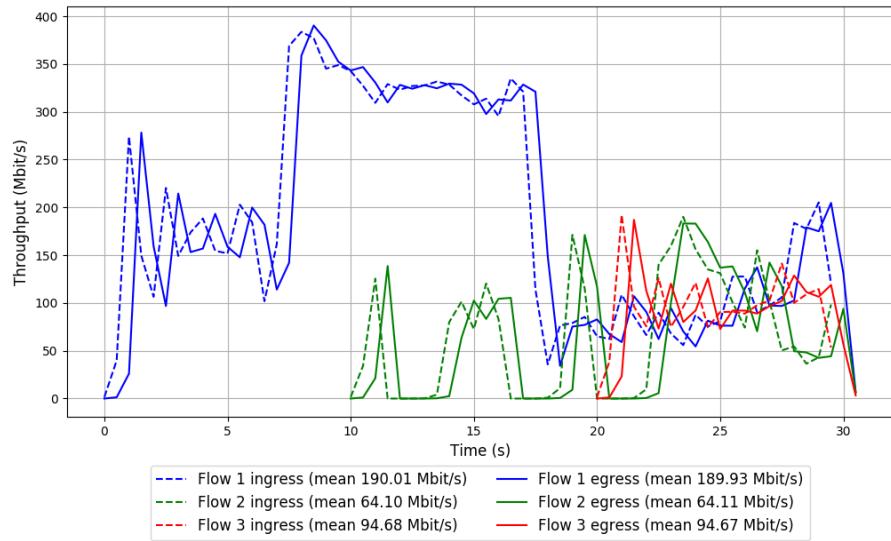


Run 3: Statistics of Copa

```
Start at: 2018-07-26 19:16:55
End at: 2018-07-26 19:17:25
Local clock offset: -0.087 ms
Remote clock offset: -0.05 ms

# Below is generated by plot.py at 2018-07-26 23:02:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 264.03 Mbit/s
95th percentile per-packet one-way delay: 66.238 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 189.93 Mbit/s
95th percentile per-packet one-way delay: 68.478 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 64.11 Mbit/s
95th percentile per-packet one-way delay: 66.109 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 94.67 Mbit/s
95th percentile per-packet one-way delay: 56.216 ms
Loss rate: 0.00%
```

### Run 3: Report of Copa — Data Link

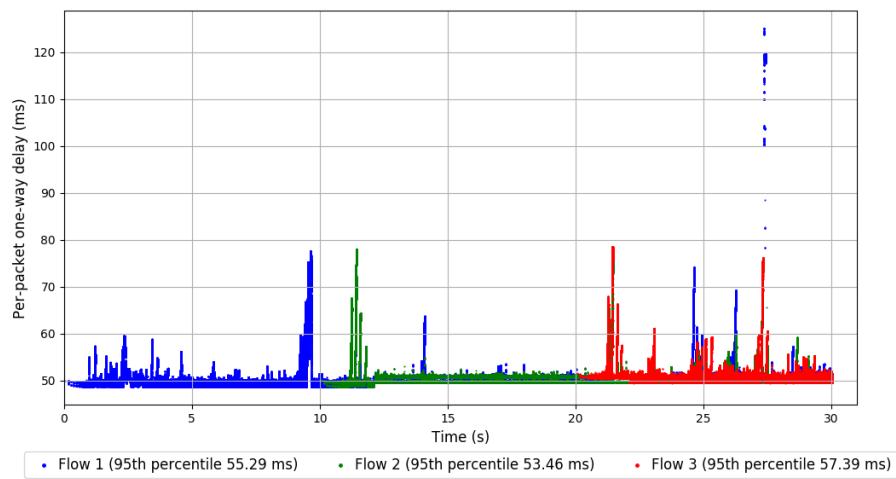
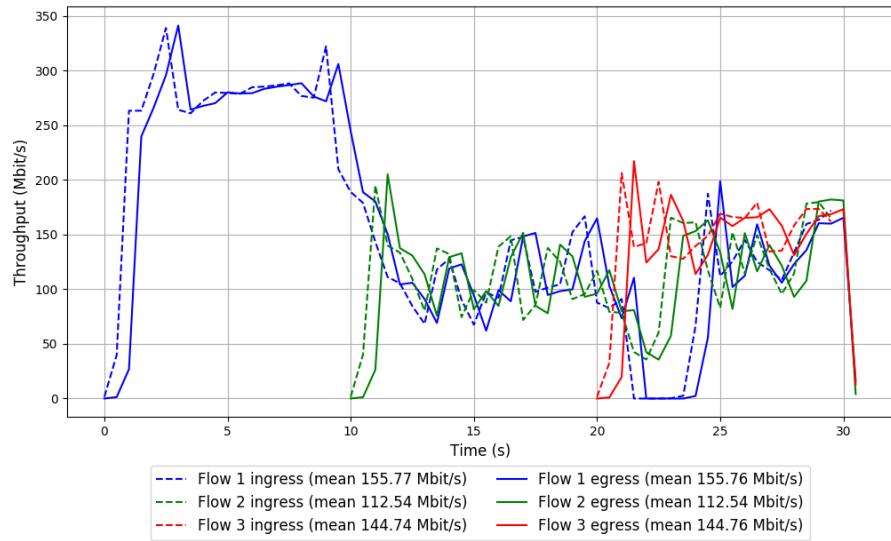


Run 4: Statistics of Copa

```
Start at: 2018-07-26 19:41:59
End at: 2018-07-26 19:42:29
Local clock offset: -0.072 ms
Remote clock offset: -0.159 ms

# Below is generated by plot.py at 2018-07-26 23:02:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 278.79 Mbit/s
95th percentile per-packet one-way delay: 55.487 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 155.76 Mbit/s
95th percentile per-packet one-way delay: 55.286 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 112.54 Mbit/s
95th percentile per-packet one-way delay: 53.460 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 144.76 Mbit/s
95th percentile per-packet one-way delay: 57.389 ms
Loss rate: 0.00%
```

## Run 4: Report of Copa — Data Link

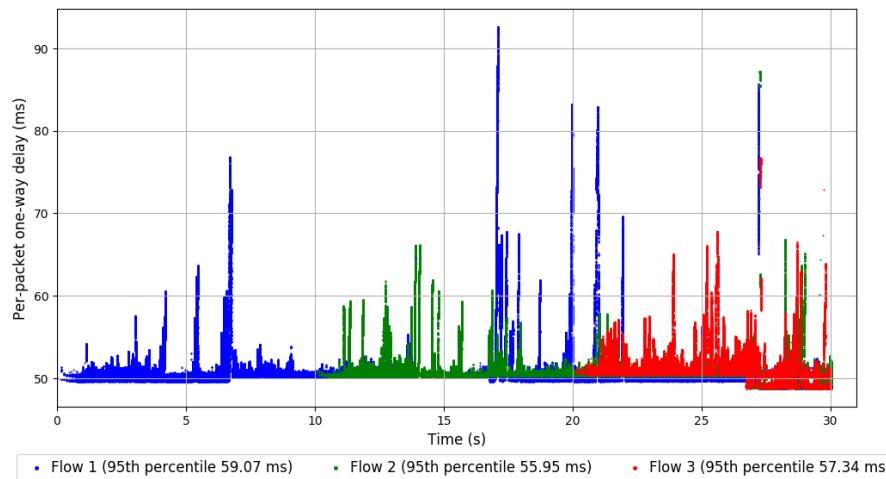
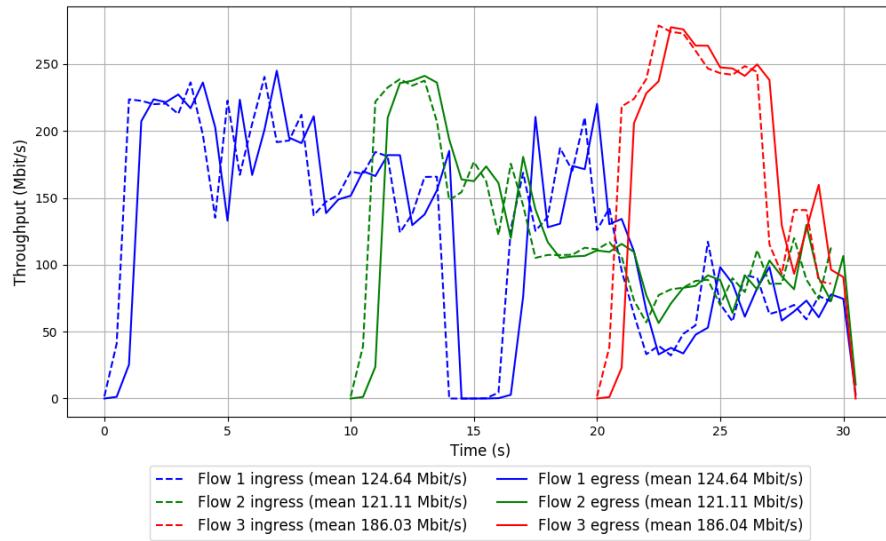


Run 5: Statistics of Copa

```
Start at: 2018-07-26 20:07:25
End at: 2018-07-26 20:07:55
Local clock offset: 0.019 ms
Remote clock offset: -0.113 ms

# Below is generated by plot.py at 2018-07-26 23:02:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 266.93 Mbit/s
95th percentile per-packet one-way delay: 57.372 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 124.64 Mbit/s
95th percentile per-packet one-way delay: 59.072 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 121.11 Mbit/s
95th percentile per-packet one-way delay: 55.946 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 186.04 Mbit/s
95th percentile per-packet one-way delay: 57.344 ms
Loss rate: 0.00%
```

Run 5: Report of Copa — Data Link

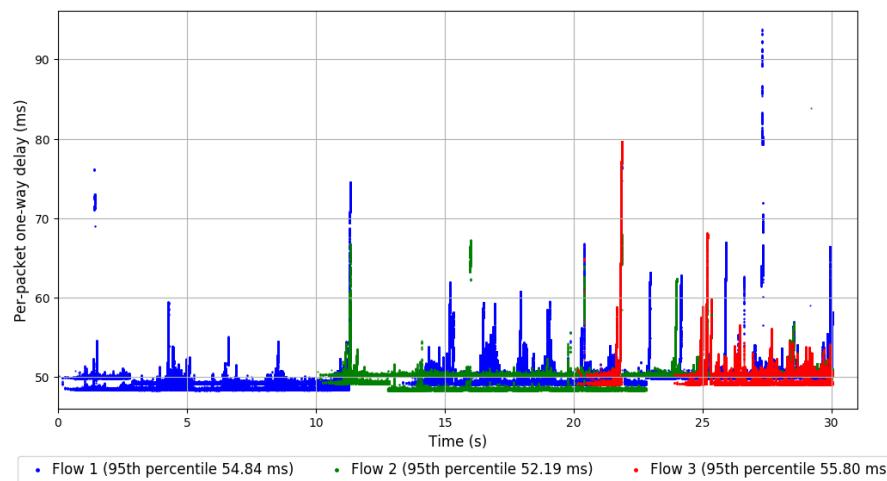
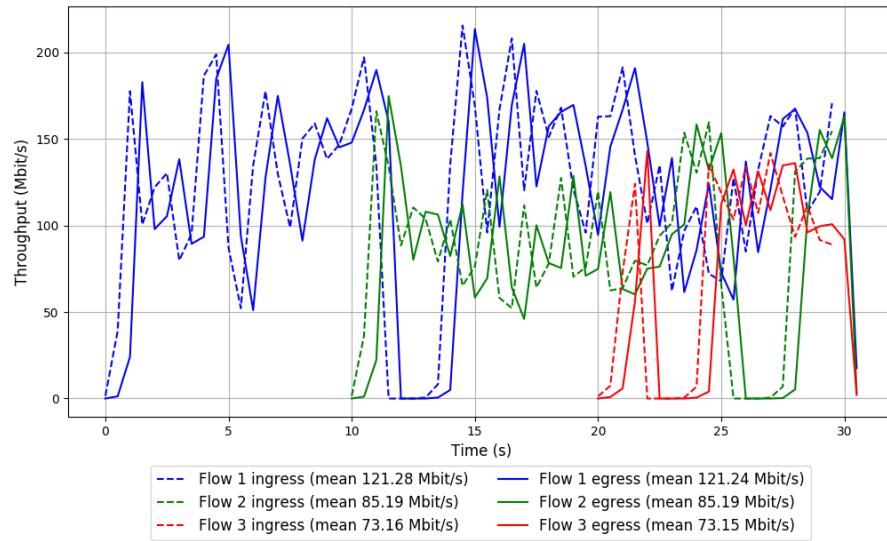


Run 6: Statistics of Copa

```
Start at: 2018-07-26 20:31:59
End at: 2018-07-26 20:32:29
Local clock offset: 0.361 ms
Remote clock offset: -0.122 ms

# Below is generated by plot.py at 2018-07-26 23:02:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 202.24 Mbit/s
95th percentile per-packet one-way delay: 54.228 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 121.24 Mbit/s
95th percentile per-packet one-way delay: 54.840 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 85.19 Mbit/s
95th percentile per-packet one-way delay: 52.189 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 73.15 Mbit/s
95th percentile per-packet one-way delay: 55.797 ms
Loss rate: 0.00%
```

Run 6: Report of Copa — Data Link

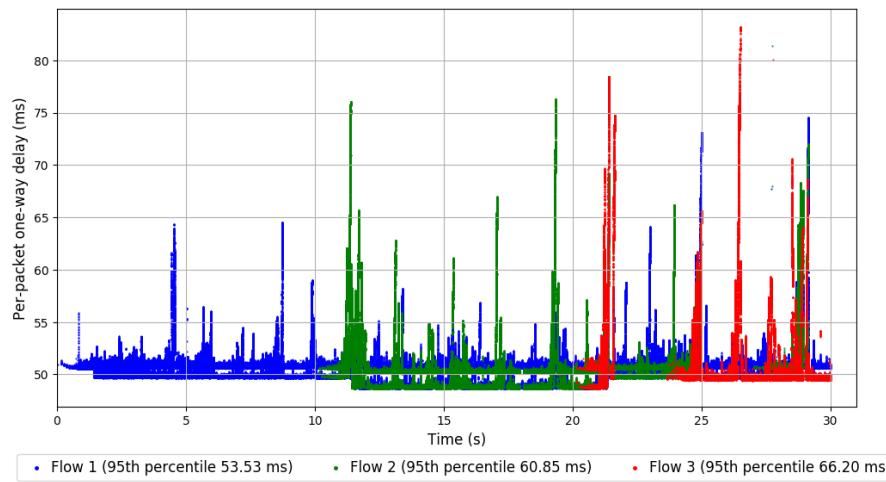
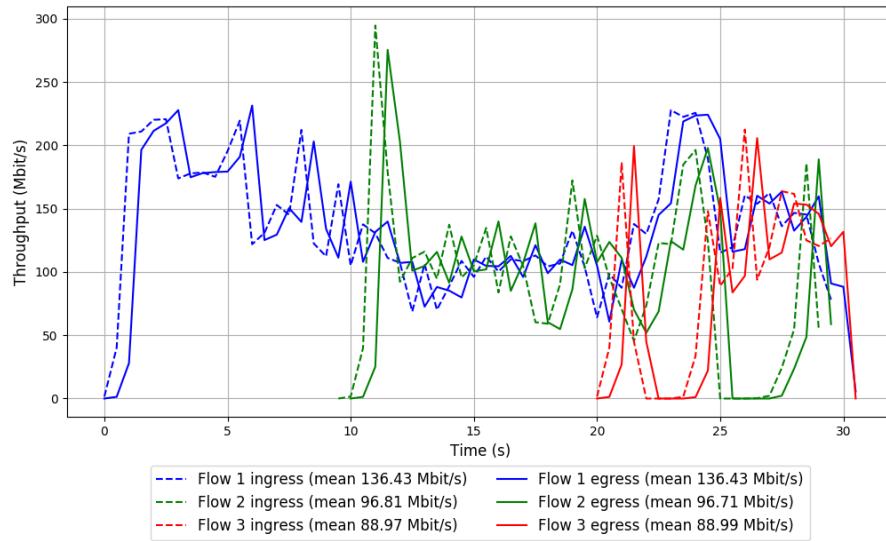


Run 7: Statistics of Copa

```
Start at: 2018-07-26 20:56:50
End at: 2018-07-26 20:57:20
Local clock offset: 0.071 ms
Remote clock offset: -0.146 ms

# Below is generated by plot.py at 2018-07-26 23:07:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 227.54 Mbit/s
95th percentile per-packet one-way delay: 57.742 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 136.43 Mbit/s
95th percentile per-packet one-way delay: 53.526 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 96.71 Mbit/s
95th percentile per-packet one-way delay: 60.853 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 88.99 Mbit/s
95th percentile per-packet one-way delay: 66.200 ms
Loss rate: 0.00%
```

### Run 7: Report of Copa — Data Link

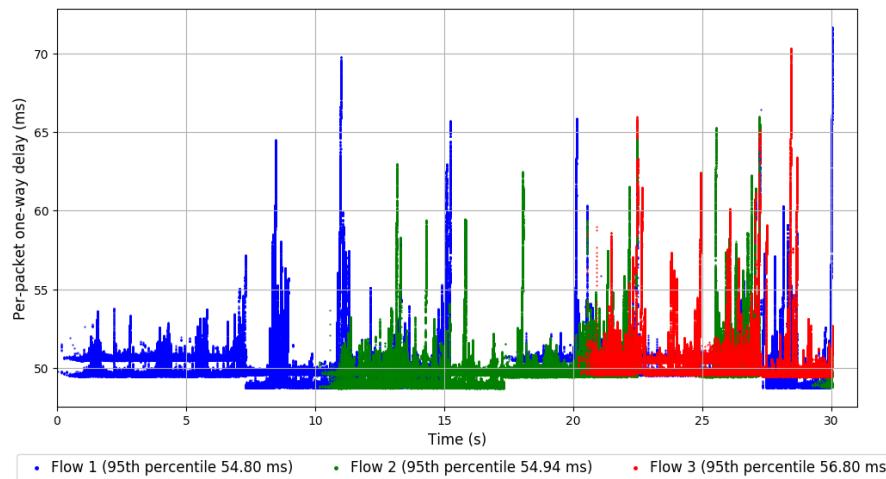
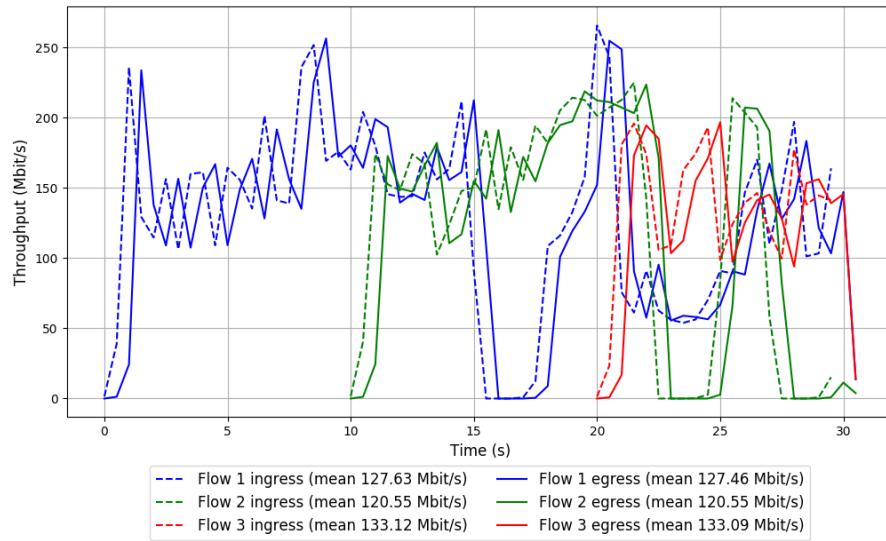


Run 8: Statistics of Copa

```
Start at: 2018-07-26 21:21:44
End at: 2018-07-26 21:22:14
Local clock offset: 0.067 ms
Remote clock offset: -0.053 ms

# Below is generated by plot.py at 2018-07-26 23:08:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 251.94 Mbit/s
95th percentile per-packet one-way delay: 55.349 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 127.46 Mbit/s
95th percentile per-packet one-way delay: 54.804 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 120.55 Mbit/s
95th percentile per-packet one-way delay: 54.937 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 133.09 Mbit/s
95th percentile per-packet one-way delay: 56.796 ms
Loss rate: 0.03%
```

Run 8: Report of Copa — Data Link

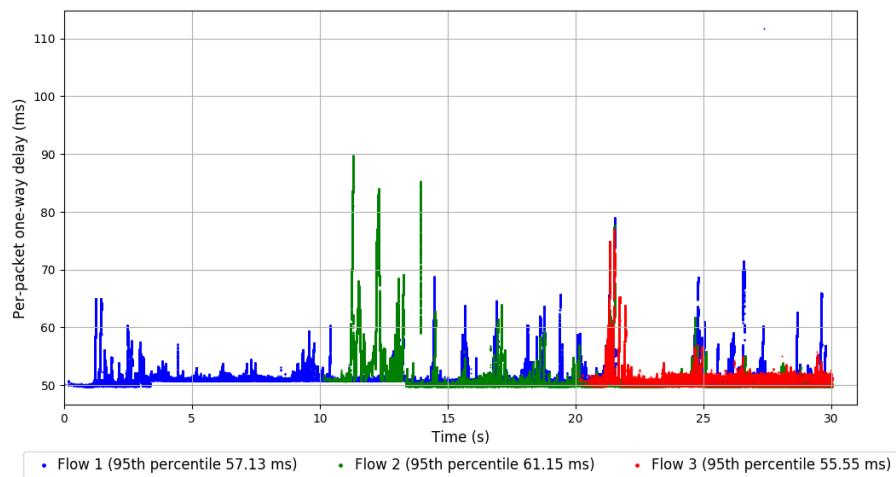
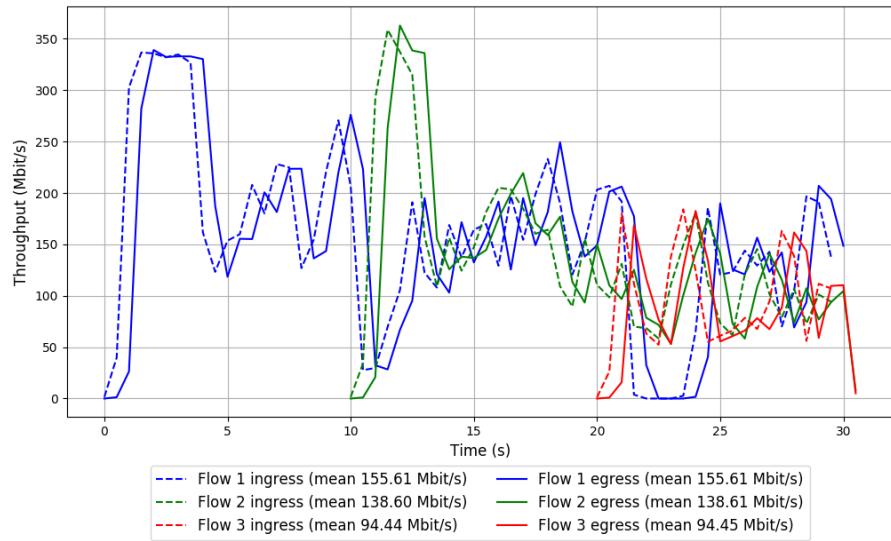


Run 9: Statistics of Copa

```
Start at: 2018-07-26 21:46:48
End at: 2018-07-26 21:47:18
Local clock offset: -0.395 ms
Remote clock offset: -0.05 ms

# Below is generated by plot.py at 2018-07-26 23:09:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 279.05 Mbit/s
95th percentile per-packet one-way delay: 58.211 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 155.61 Mbit/s
95th percentile per-packet one-way delay: 57.128 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 138.61 Mbit/s
95th percentile per-packet one-way delay: 61.154 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 94.45 Mbit/s
95th percentile per-packet one-way delay: 55.549 ms
Loss rate: 0.00%
```

## Run 9: Report of Copa — Data Link

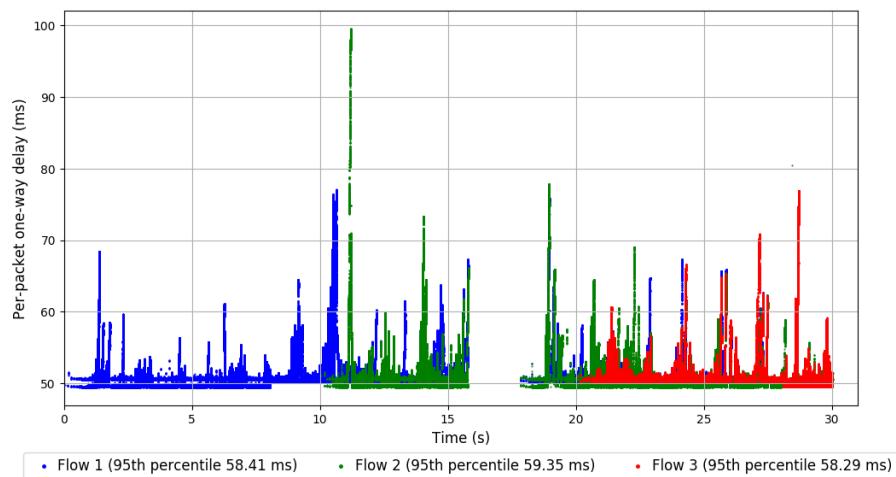
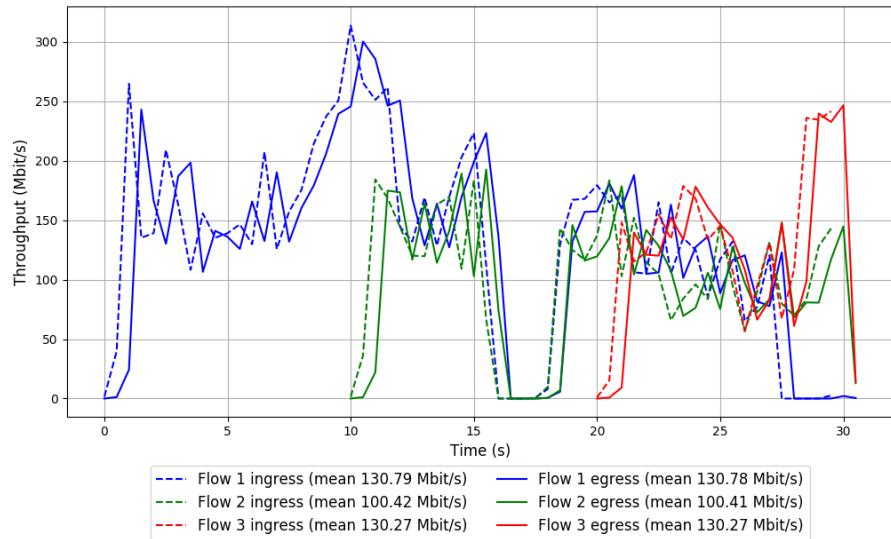


Run 10: Statistics of Copa

```
Start at: 2018-07-26 22:11:34
End at: 2018-07-26 22:12:04
Local clock offset: -0.132 ms
Remote clock offset: -0.041 ms

# Below is generated by plot.py at 2018-07-26 23:09:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 240.92 Mbit/s
95th percentile per-packet one-way delay: 58.673 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 130.78 Mbit/s
95th percentile per-packet one-way delay: 58.409 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 100.41 Mbit/s
95th percentile per-packet one-way delay: 59.346 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 130.27 Mbit/s
95th percentile per-packet one-way delay: 58.290 ms
Loss rate: 0.01%
```

## Run 10: Report of Copa — Data Link

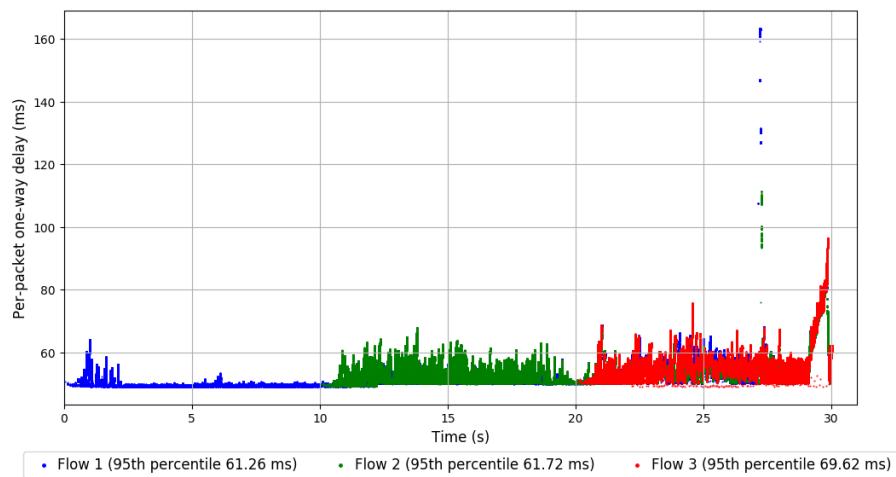
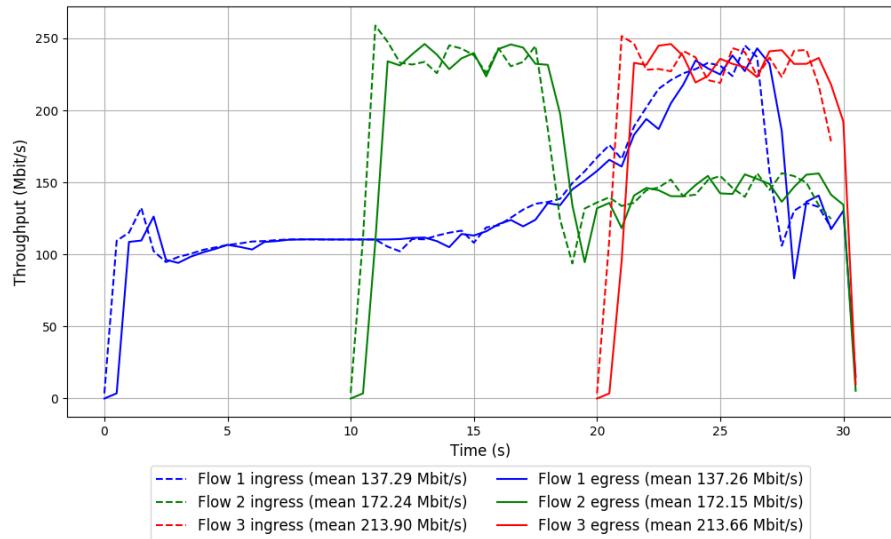


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2018-07-26 18:29:59
End at: 2018-07-26 18:30:29
Local clock offset: 0.283 ms
Remote clock offset: 0.001 ms

# Below is generated by plot.py at 2018-07-26 23:09:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 322.88 Mbit/s
95th percentile per-packet one-way delay: 63.104 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 137.26 Mbit/s
95th percentile per-packet one-way delay: 61.262 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 172.15 Mbit/s
95th percentile per-packet one-way delay: 61.723 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 213.66 Mbit/s
95th percentile per-packet one-way delay: 69.617 ms
Loss rate: 0.01%
```

Run 1: Report of TCP Cubic — Data Link

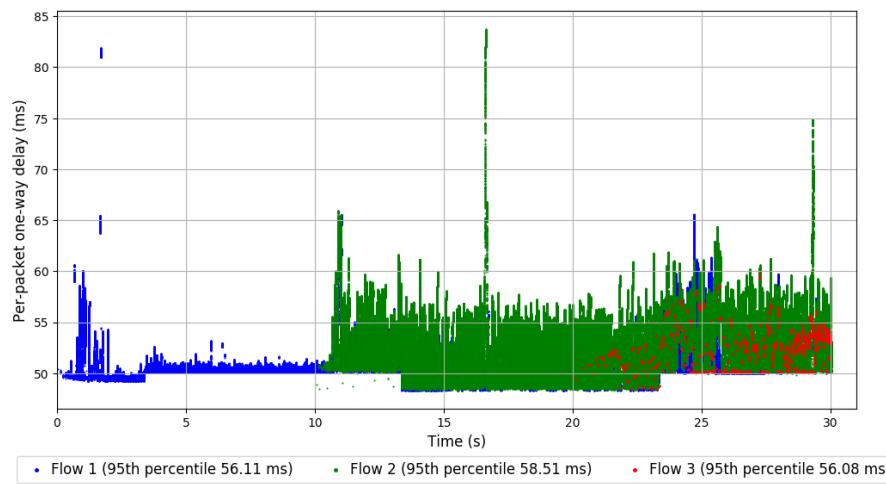
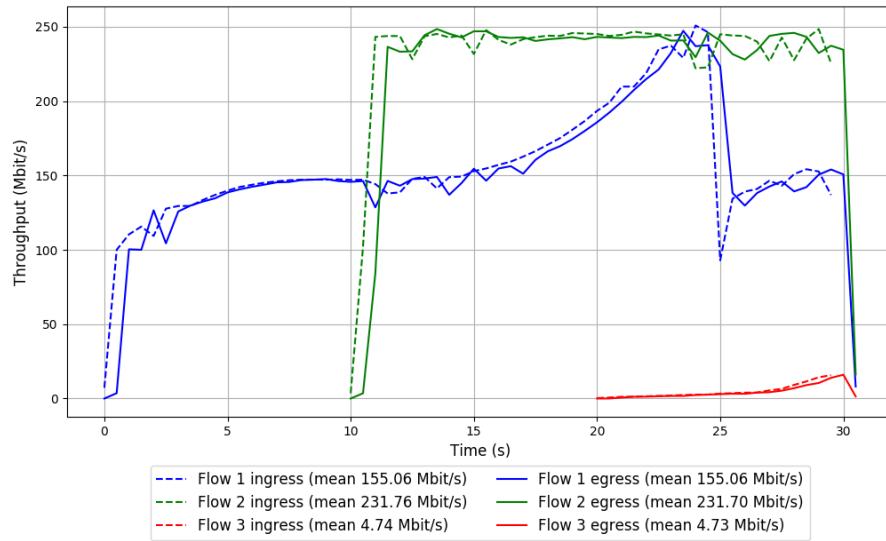


Run 2: Statistics of TCP Cubic

```
Start at: 2018-07-26 18:54:58
End at: 2018-07-26 18:55:28
Local clock offset: 0.323 ms
Remote clock offset: 0.016 ms

# Below is generated by plot.py at 2018-07-26 23:09:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 310.87 Mbit/s
95th percentile per-packet one-way delay: 57.735 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 155.06 Mbit/s
95th percentile per-packet one-way delay: 56.107 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 231.70 Mbit/s
95th percentile per-packet one-way delay: 58.507 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 4.73 Mbit/s
95th percentile per-packet one-way delay: 56.082 ms
Loss rate: 0.25%
```

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

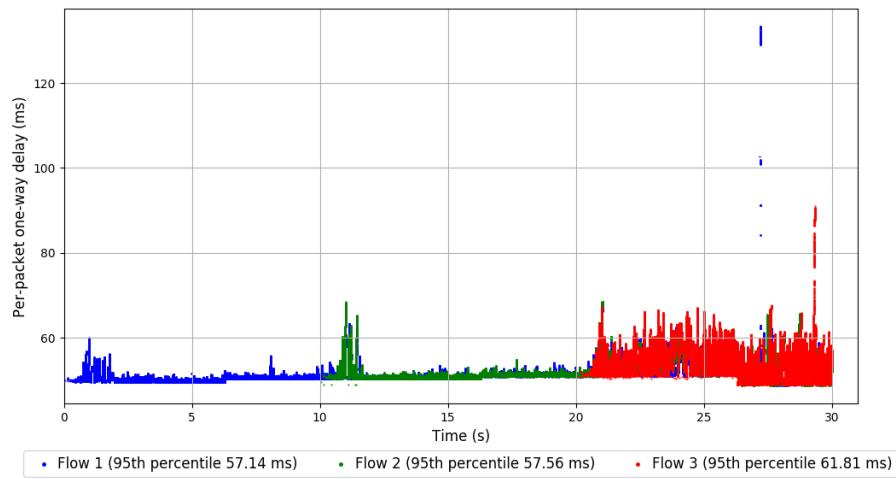
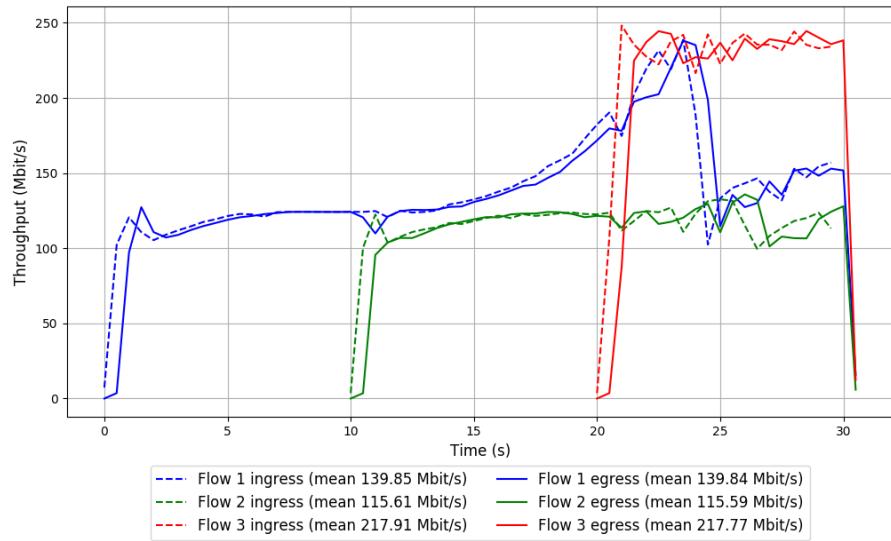


Run 3: Statistics of TCP Cubic

```
Start at: 2018-07-26 19:19:55
End at: 2018-07-26 19:20:25
Local clock offset: -0.087 ms
Remote clock offset: -0.037 ms

# Below is generated by plot.py at 2018-07-26 23:09:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 289.14 Mbit/s
95th percentile per-packet one-way delay: 59.722 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 139.84 Mbit/s
95th percentile per-packet one-way delay: 57.138 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 115.59 Mbit/s
95th percentile per-packet one-way delay: 57.557 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 217.77 Mbit/s
95th percentile per-packet one-way delay: 61.810 ms
Loss rate: 0.00%
```

Run 3: Report of TCP Cubic — Data Link

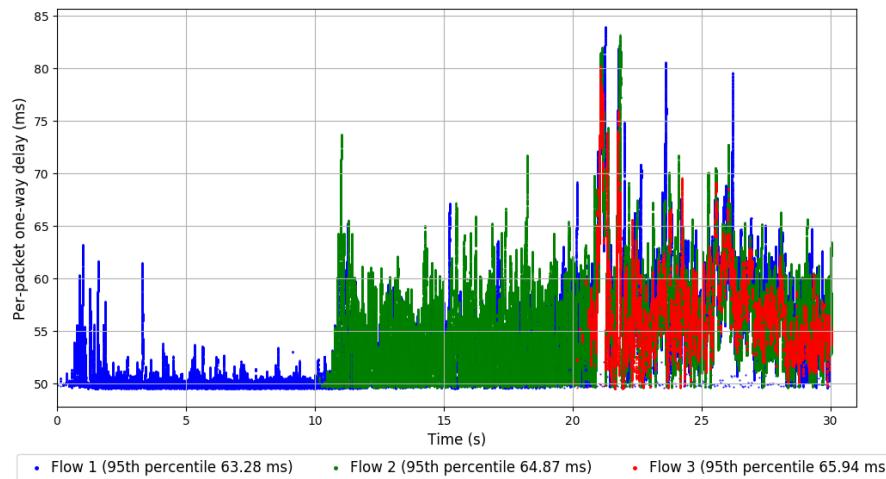
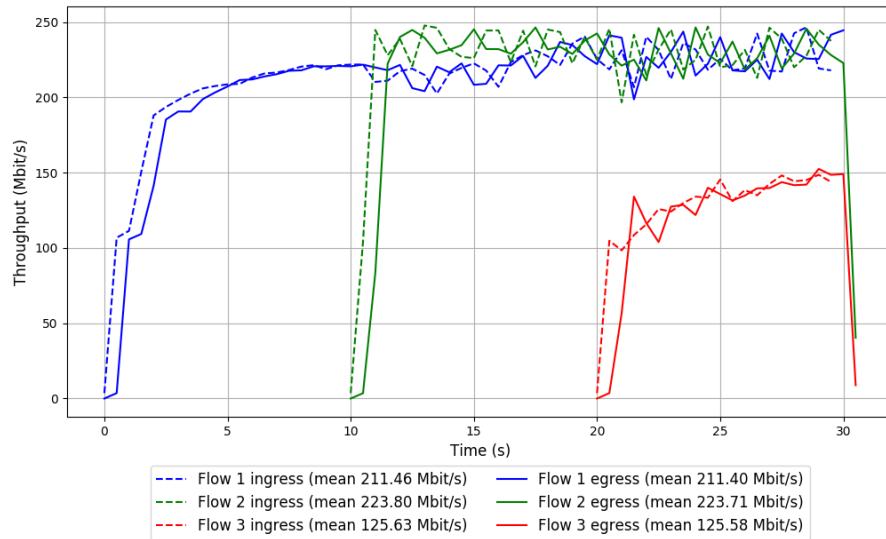


Run 4: Statistics of TCP Cubic

```
Start at: 2018-07-26 19:45:02
End at: 2018-07-26 19:45:32
Local clock offset: -0.059 ms
Remote clock offset: -0.126 ms

# Below is generated by plot.py at 2018-07-26 23:09:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 401.79 Mbit/s
95th percentile per-packet one-way delay: 64.252 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 211.40 Mbit/s
95th percentile per-packet one-way delay: 63.278 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 223.71 Mbit/s
95th percentile per-packet one-way delay: 64.874 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 125.58 Mbit/s
95th percentile per-packet one-way delay: 65.935 ms
Loss rate: 0.00%
```

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

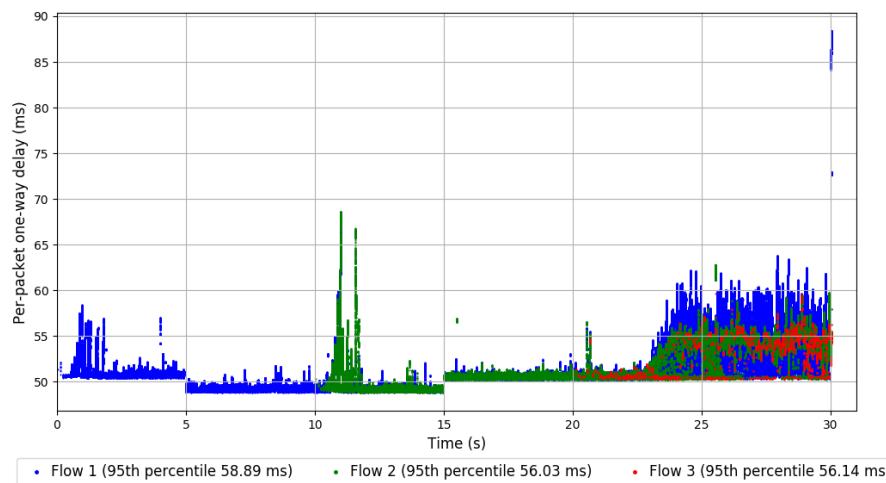
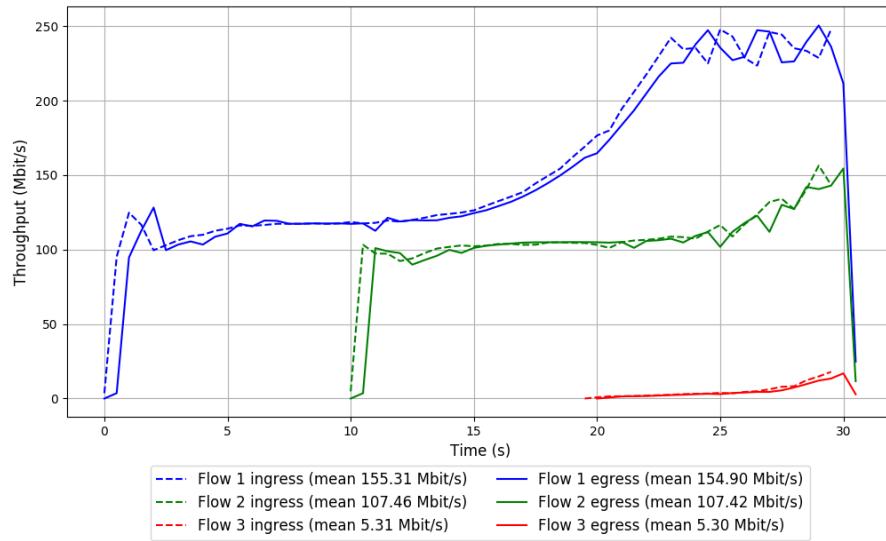


Run 5: Statistics of TCP Cubic

```
Start at: 2018-07-26 20:10:27
End at: 2018-07-26 20:10:57
Local clock offset: -0.012 ms
Remote clock offset: -0.153 ms

# Below is generated by plot.py at 2018-07-26 23:11:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 228.25 Mbit/s
95th percentile per-packet one-way delay: 58.395 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 154.90 Mbit/s
95th percentile per-packet one-way delay: 58.887 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 107.42 Mbit/s
95th percentile per-packet one-way delay: 56.032 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 5.30 Mbit/s
95th percentile per-packet one-way delay: 56.139 ms
Loss rate: 0.16%
```

Run 5: Report of TCP Cubic — Data Link

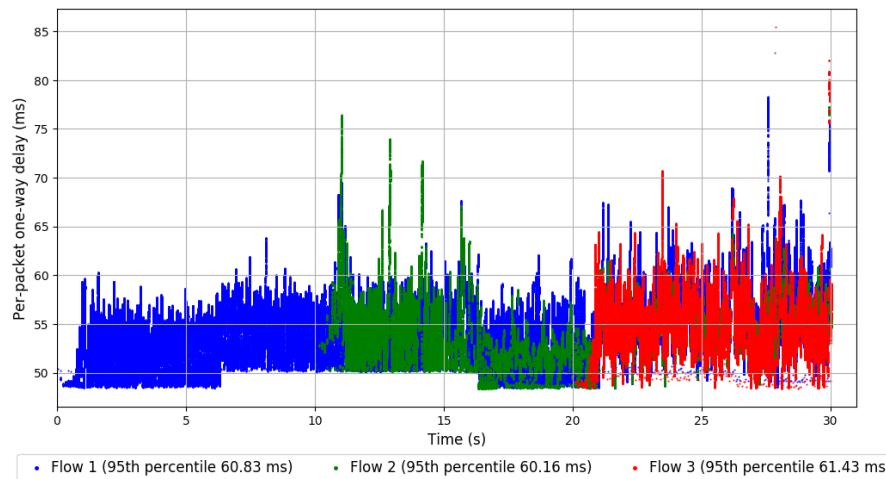
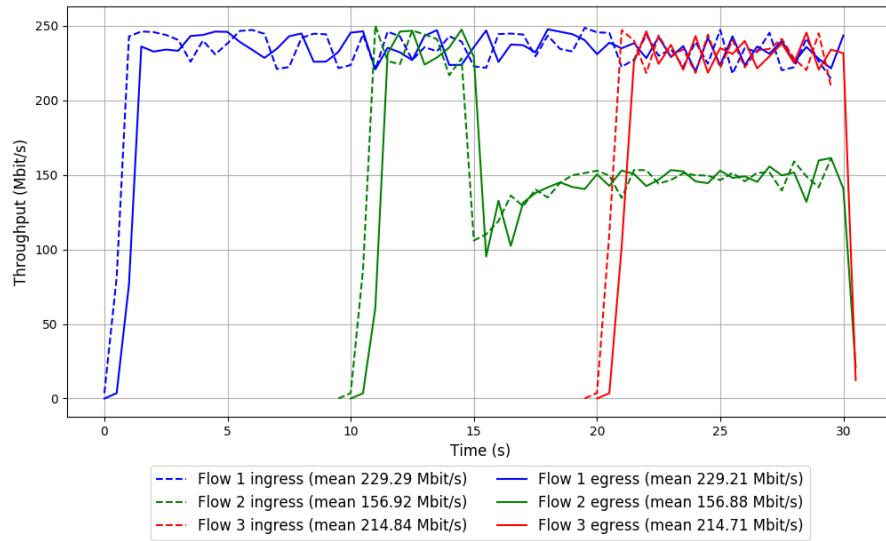


Run 6: Statistics of TCP Cubic

```
Start at: 2018-07-26 20:34:55
End at: 2018-07-26 20:35:25
Local clock offset: 0.395 ms
Remote clock offset: -0.121 ms

# Below is generated by plot.py at 2018-07-26 23:14:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 404.99 Mbit/s
95th percentile per-packet one-way delay: 60.818 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 229.21 Mbit/s
95th percentile per-packet one-way delay: 60.832 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 156.88 Mbit/s
95th percentile per-packet one-way delay: 60.165 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 214.71 Mbit/s
95th percentile per-packet one-way delay: 61.431 ms
Loss rate: 0.00%
```

Run 6: Report of TCP Cubic — Data Link

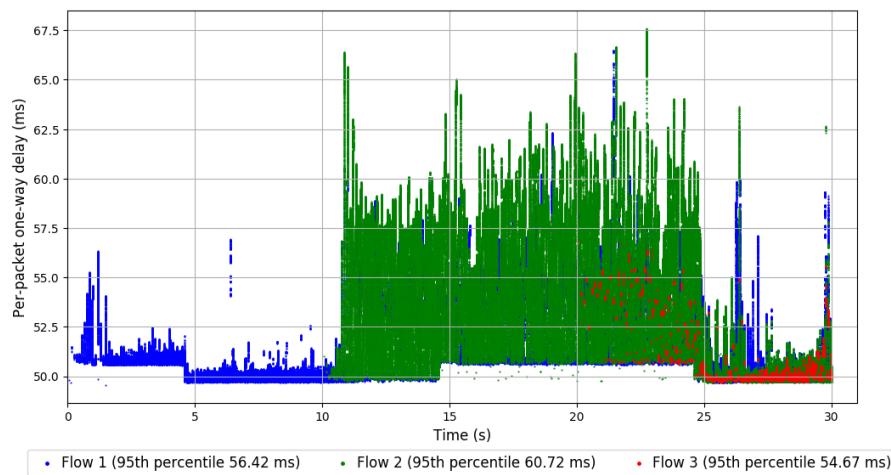
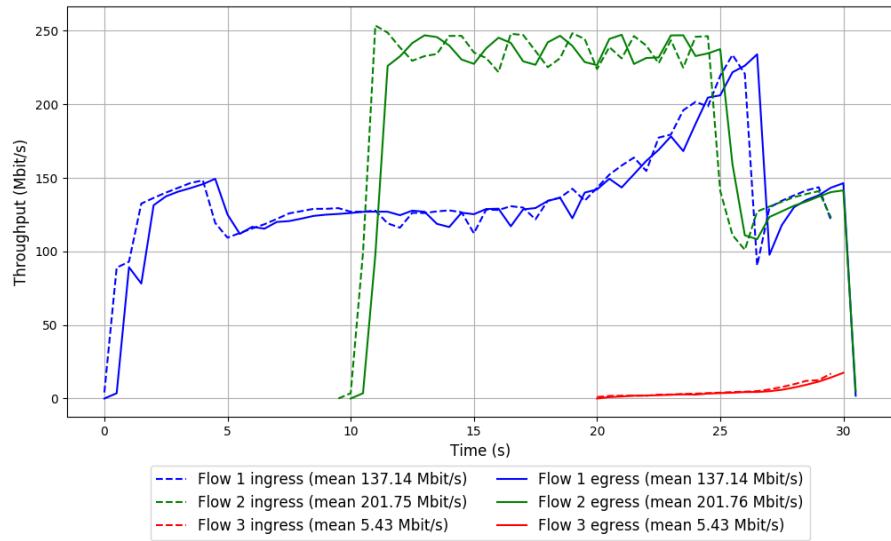


Run 7: Statistics of TCP Cubic

```
Start at: 2018-07-26 20:59:47
End at: 2018-07-26 21:00:17
Local clock offset: 0.077 ms
Remote clock offset: -0.087 ms

# Below is generated by plot.py at 2018-07-26 23:14:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 273.35 Mbit/s
95th percentile per-packet one-way delay: 59.512 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 137.14 Mbit/s
95th percentile per-packet one-way delay: 56.417 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 201.76 Mbit/s
95th percentile per-packet one-way delay: 60.717 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 5.43 Mbit/s
95th percentile per-packet one-way delay: 54.673 ms
Loss rate: 0.07%
```

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

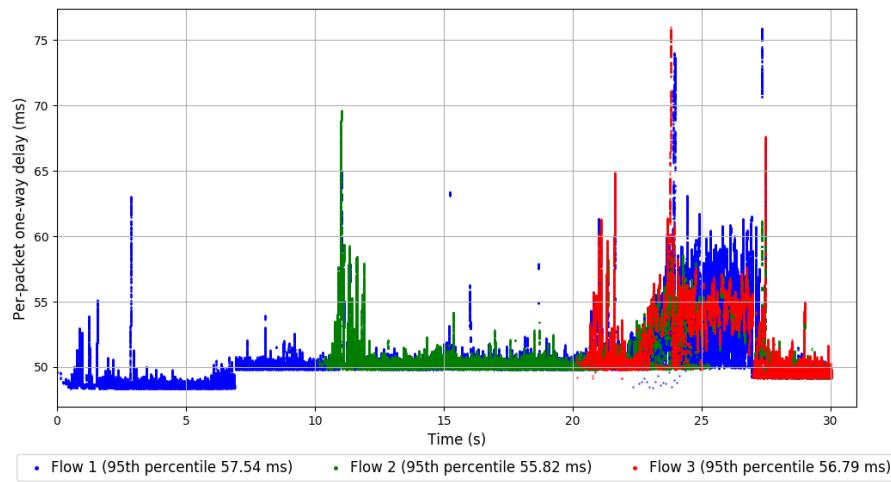
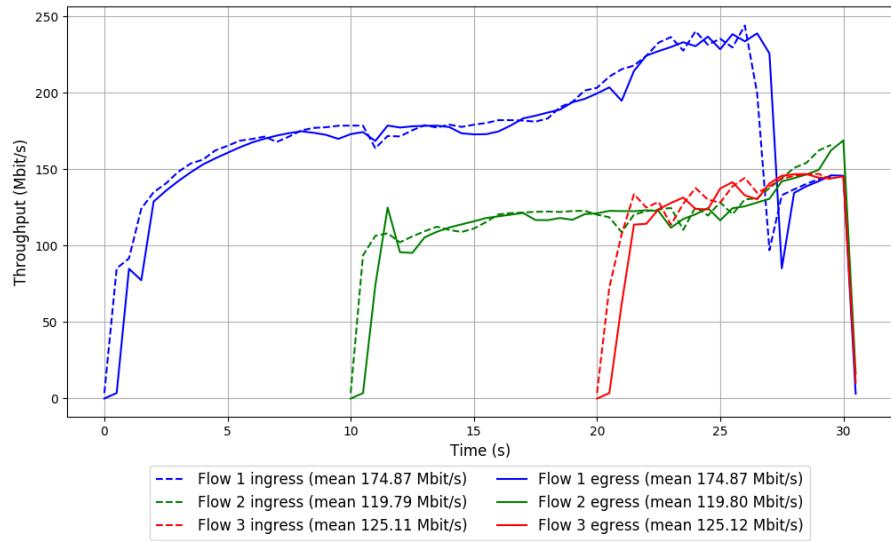


Run 8: Statistics of TCP Cubic

```
Start at: 2018-07-26 21:24:45
End at: 2018-07-26 21:25:15
Local clock offset: 0.487 ms
Remote clock offset: -0.052 ms

# Below is generated by plot.py at 2018-07-26 23:14:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 296.13 Mbit/s
95th percentile per-packet one-way delay: 56.919 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 174.87 Mbit/s
95th percentile per-packet one-way delay: 57.536 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 119.80 Mbit/s
95th percentile per-packet one-way delay: 55.820 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 125.12 Mbit/s
95th percentile per-packet one-way delay: 56.792 ms
Loss rate: 0.00%
```

### Run 8: Report of TCP Cubic — Data Link

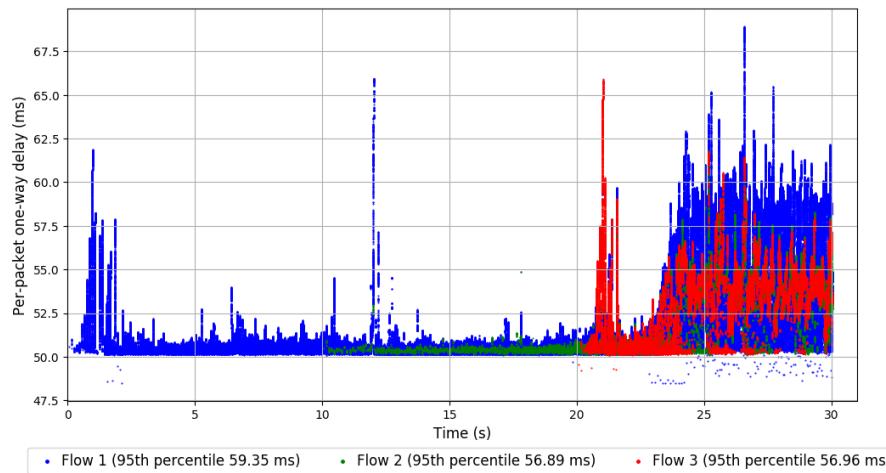
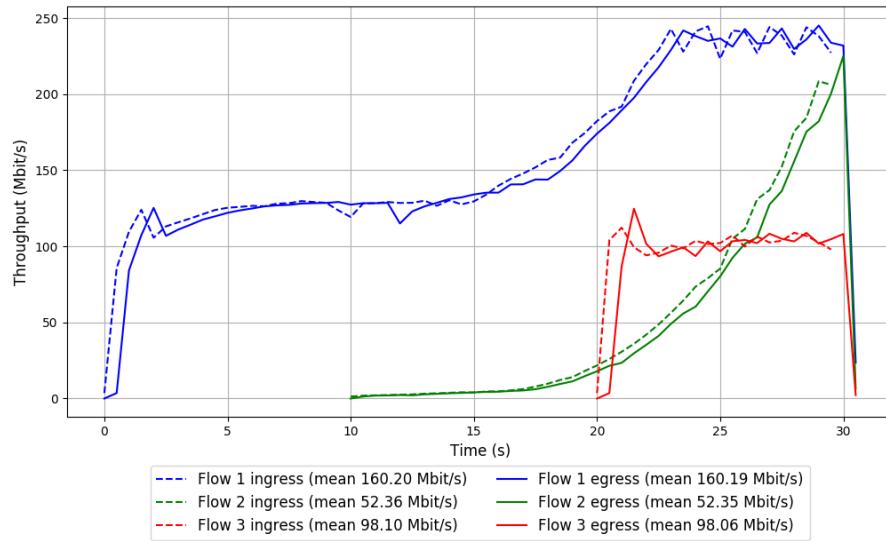


Run 9: Statistics of TCP Cubic

```
Start at: 2018-07-26 21:49:50
End at: 2018-07-26 21:50:20
Local clock offset: 0.313 ms
Remote clock offset: -0.035 ms

# Below is generated by plot.py at 2018-07-26 23:14:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 227.60 Mbit/s
95th percentile per-packet one-way delay: 59.050 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 160.19 Mbit/s
95th percentile per-packet one-way delay: 59.355 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 52.35 Mbit/s
95th percentile per-packet one-way delay: 56.887 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 98.06 Mbit/s
95th percentile per-packet one-way delay: 56.964 ms
Loss rate: 0.00%
```

Run 9: Report of TCP Cubic — Data Link

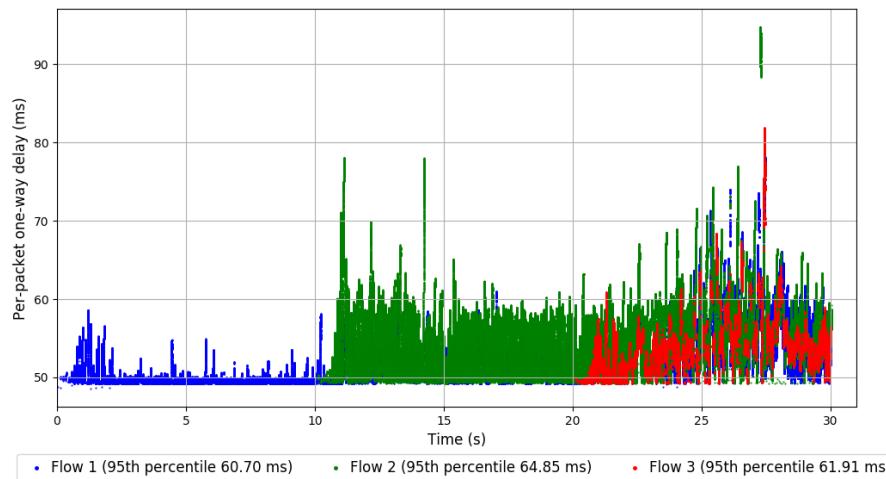
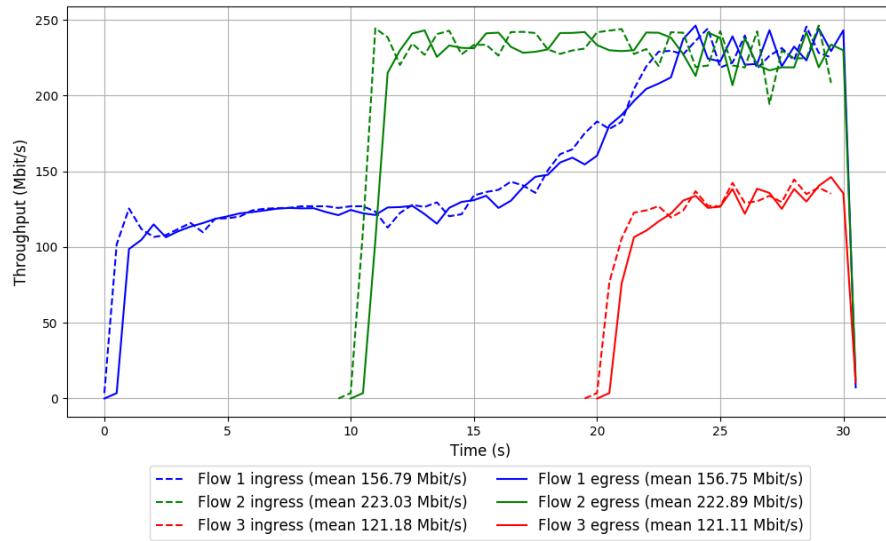


Run 10: Statistics of TCP Cubic

```
Start at: 2018-07-26 22:14:33
End at: 2018-07-26 22:15:03
Local clock offset: 0.202 ms
Remote clock offset: -0.055 ms

# Below is generated by plot.py at 2018-07-26 23:14:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 345.47 Mbit/s
95th percentile per-packet one-way delay: 62.550 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 156.75 Mbit/s
95th percentile per-packet one-way delay: 60.703 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 222.89 Mbit/s
95th percentile per-packet one-way delay: 64.852 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 121.11 Mbit/s
95th percentile per-packet one-way delay: 61.905 ms
Loss rate: 0.00%
```

Run 10: Report of TCP Cubic — Data Link

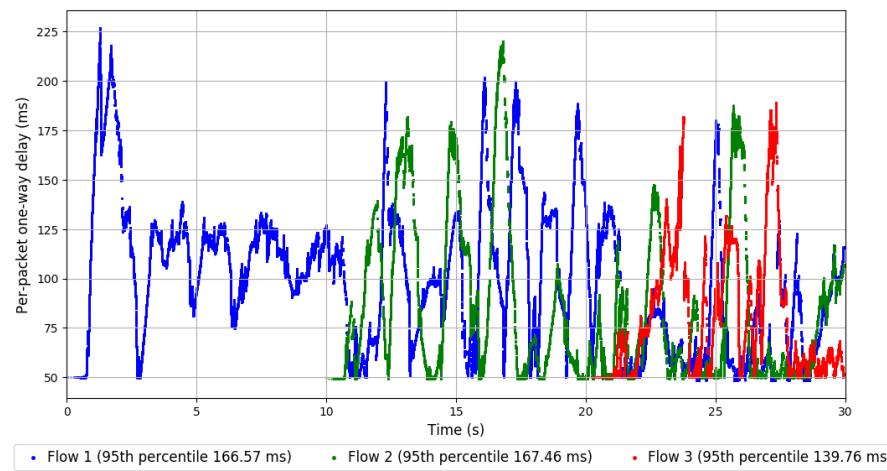
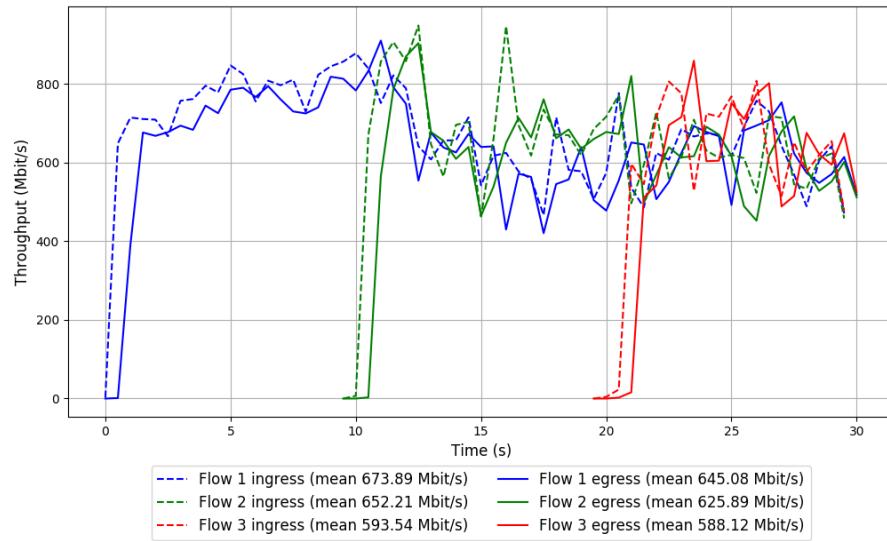


```
Run 1: Statistics of FillP
```

```
Start at: 2018-07-26 18:32:47
End at: 2018-07-26 18:33:17
Local clock offset: 0.242 ms
Remote clock offset: -0.012 ms

# Below is generated by plot.py at 2018-07-26 23:35:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1258.08 Mbit/s
95th percentile per-packet one-way delay: 165.247 ms
Loss rate: 3.69%
-- Flow 1:
Average throughput: 645.08 Mbit/s
95th percentile per-packet one-way delay: 166.568 ms
Loss rate: 4.28%
-- Flow 2:
Average throughput: 625.89 Mbit/s
95th percentile per-packet one-way delay: 167.463 ms
Loss rate: 4.03%
-- Flow 3:
Average throughput: 588.12 Mbit/s
95th percentile per-packet one-way delay: 139.756 ms
Loss rate: 0.92%
```

Run 1: Report of FillP — Data Link

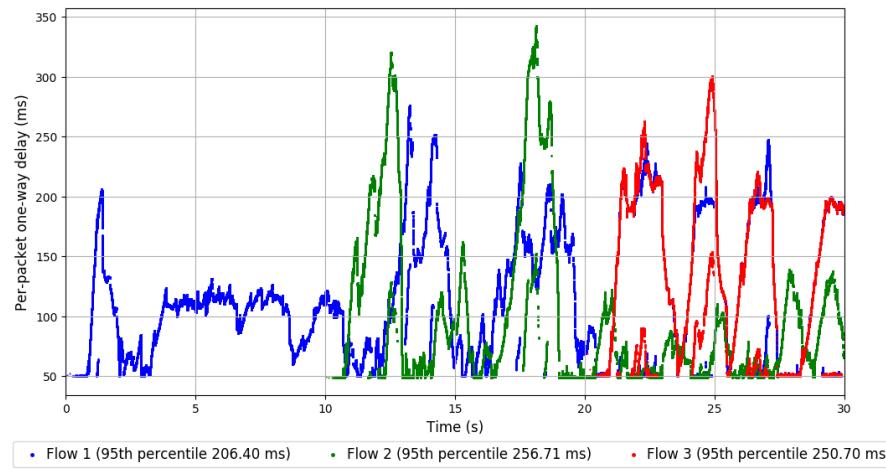
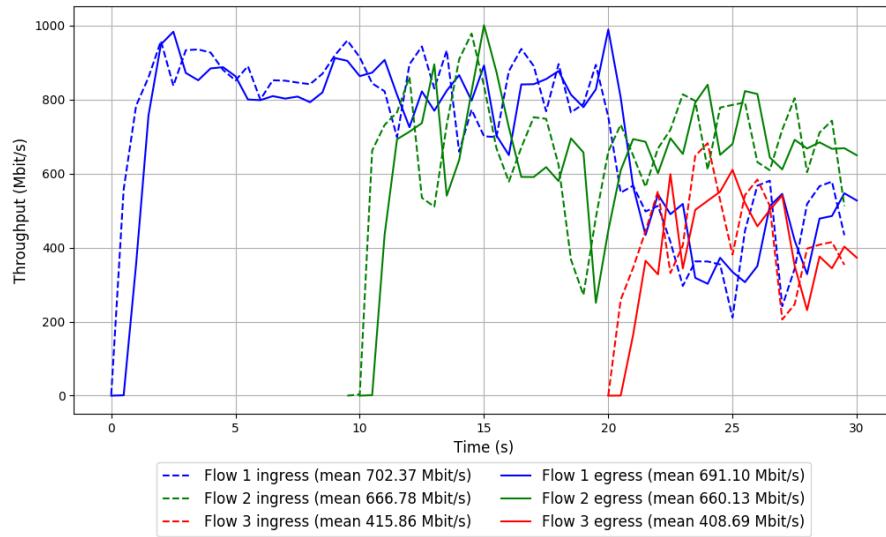


Run 2: Statistics of FillP

```
Start at: 2018-07-26 18:57:44
End at: 2018-07-26 18:58:14
Local clock offset: -0.1 ms
Remote clock offset: 0.033 ms

# Below is generated by plot.py at 2018-07-26 23:35:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1265.92 Mbit/s
95th percentile per-packet one-way delay: 225.220 ms
Loss rate: 1.42%
-- Flow 1:
Average throughput: 691.10 Mbit/s
95th percentile per-packet one-way delay: 206.395 ms
Loss rate: 1.60%
-- Flow 2:
Average throughput: 660.13 Mbit/s
95th percentile per-packet one-way delay: 256.712 ms
Loss rate: 0.99%
-- Flow 3:
Average throughput: 408.69 Mbit/s
95th percentile per-packet one-way delay: 250.703 ms
Loss rate: 1.89%
```

## Run 2: Report of FillP — Data Link

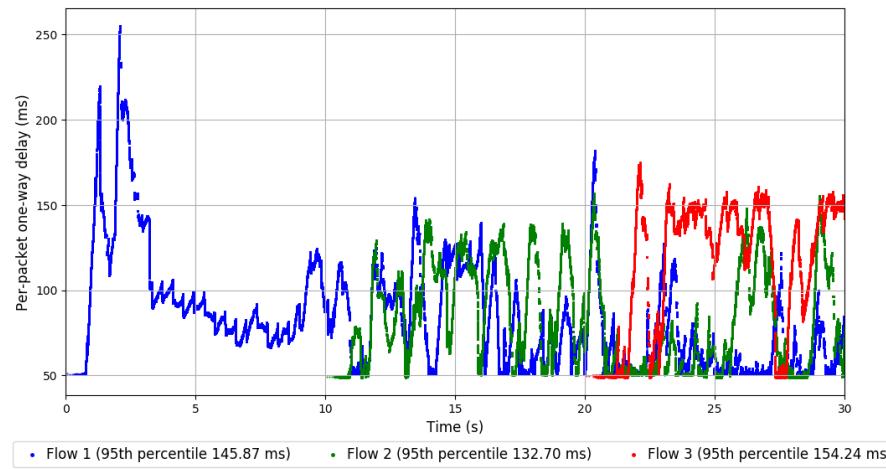
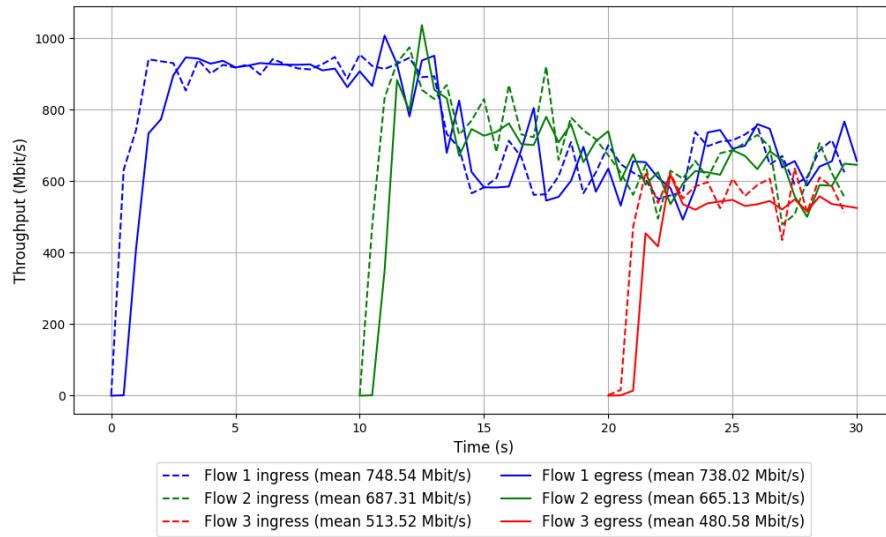


Run 3: Statistics of FillP

```
Start at: 2018-07-26 19:22:47
End at: 2018-07-26 19:23:17
Local clock offset: -0.084 ms
Remote clock offset: -0.077 ms

# Below is generated by plot.py at 2018-07-26 23:38:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1340.26 Mbit/s
95th percentile per-packet one-way delay: 149.177 ms
Loss rate: 2.62%
-- Flow 1:
Average throughput: 738.02 Mbit/s
95th percentile per-packet one-way delay: 145.869 ms
Loss rate: 1.40%
-- Flow 2:
Average throughput: 665.13 Mbit/s
95th percentile per-packet one-way delay: 132.703 ms
Loss rate: 3.22%
-- Flow 3:
Average throughput: 480.58 Mbit/s
95th percentile per-packet one-way delay: 154.241 ms
Loss rate: 6.39%
```

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

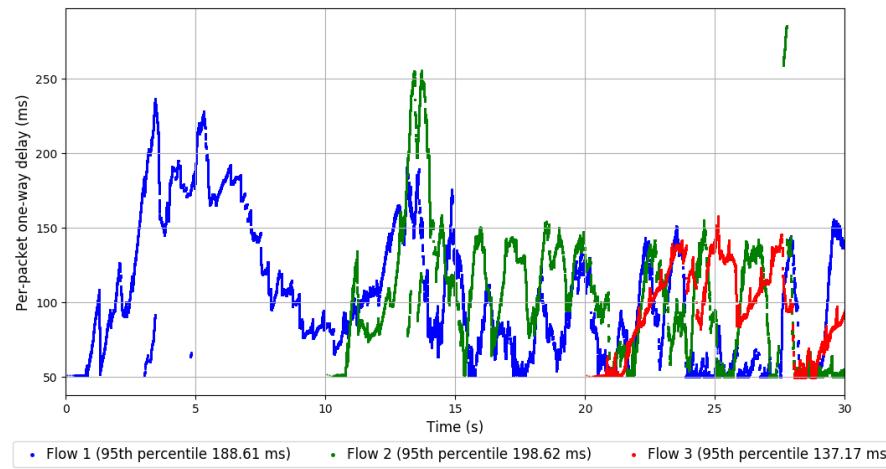
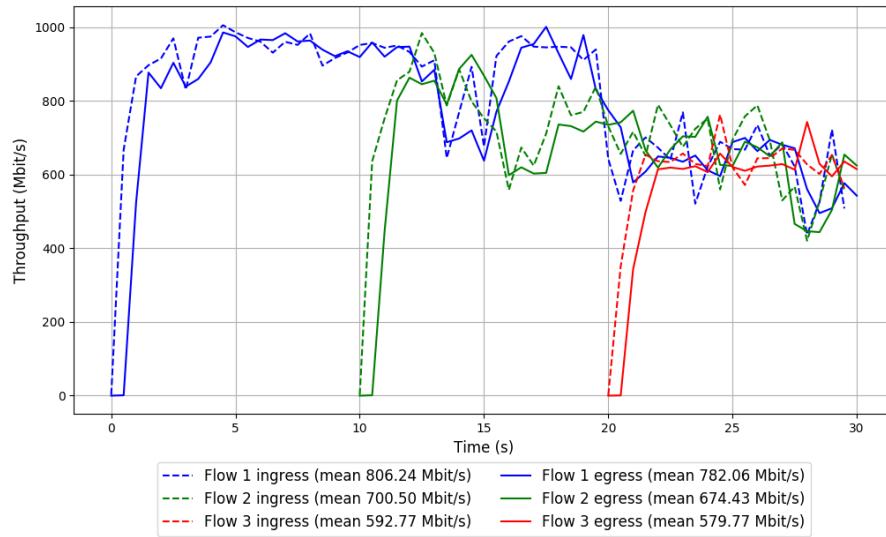


Run 4: Statistics of FillP

```
Start at: 2018-07-26 19:47:58
End at: 2018-07-26 19:48:28
Local clock offset: -0.062 ms
Remote clock offset: -0.148 ms

# Below is generated by plot.py at 2018-07-26 23:40:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1423.34 Mbit/s
95th percentile per-packet one-way delay: 185.020 ms
Loss rate: 3.11%
-- Flow 1:
Average throughput: 782.06 Mbit/s
95th percentile per-packet one-way delay: 188.607 ms
Loss rate: 2.98%
-- Flow 2:
Average throughput: 674.43 Mbit/s
95th percentile per-packet one-way delay: 198.623 ms
Loss rate: 3.72%
-- Flow 3:
Average throughput: 579.77 Mbit/s
95th percentile per-packet one-way delay: 137.174 ms
Loss rate: 2.18%
```

## Run 4: Report of FillP — Data Link

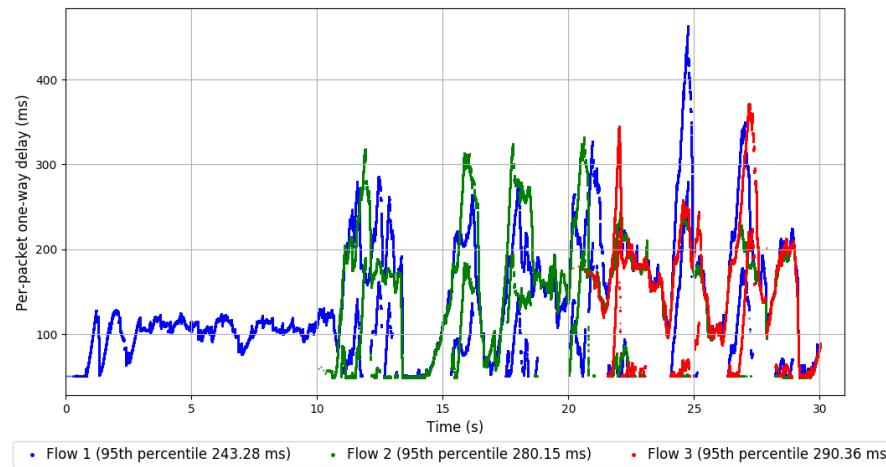
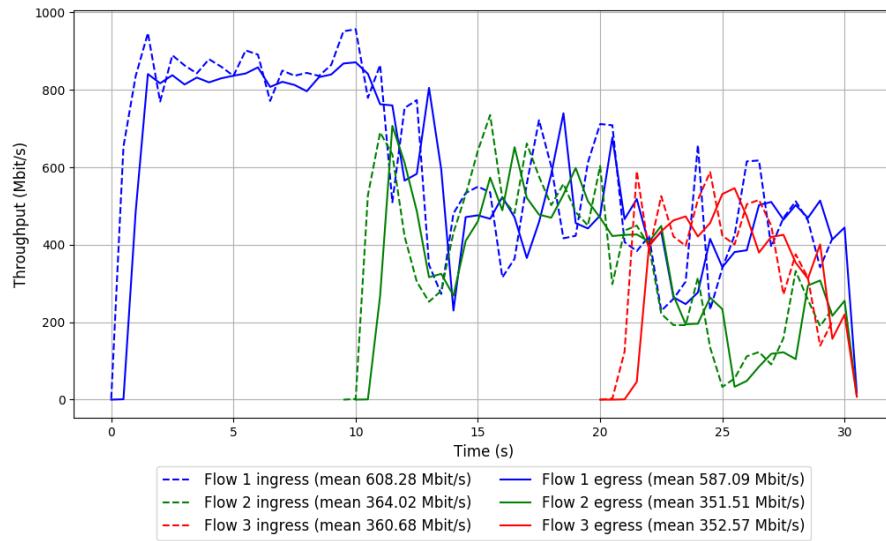


Run 5: Statistics of FillP

```
Start at: 2018-07-26 20:13:13
End at: 2018-07-26 20:13:43
Local clock offset: 0.001 ms
Remote clock offset: -0.134 ms

# Below is generated by plot.py at 2018-07-26 23:40:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 936.73 Mbit/s
95th percentile per-packet one-way delay: 266.248 ms
Loss rate: 3.33%
-- Flow 1:
Average throughput: 587.09 Mbit/s
95th percentile per-packet one-way delay: 243.276 ms
Loss rate: 3.37%
-- Flow 2:
Average throughput: 351.51 Mbit/s
95th percentile per-packet one-way delay: 280.155 ms
Loss rate: 3.31%
-- Flow 3:
Average throughput: 352.57 Mbit/s
95th percentile per-packet one-way delay: 290.358 ms
Loss rate: 3.16%
```

### Run 5: Report of FillP — Data Link

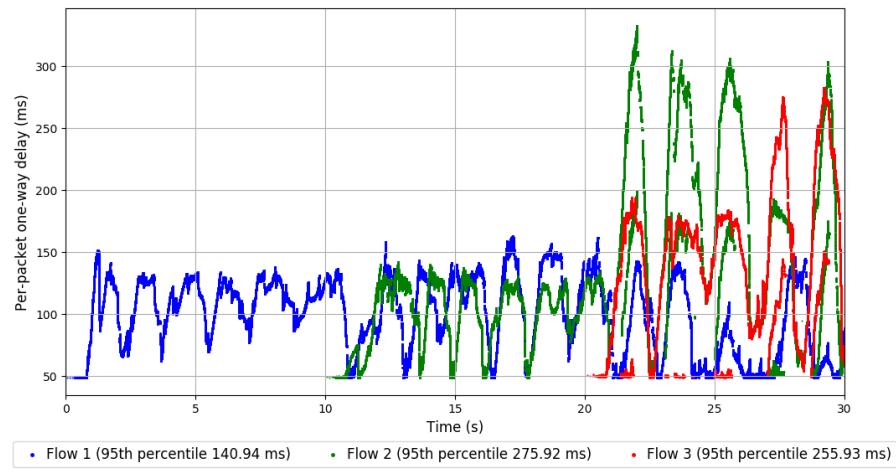
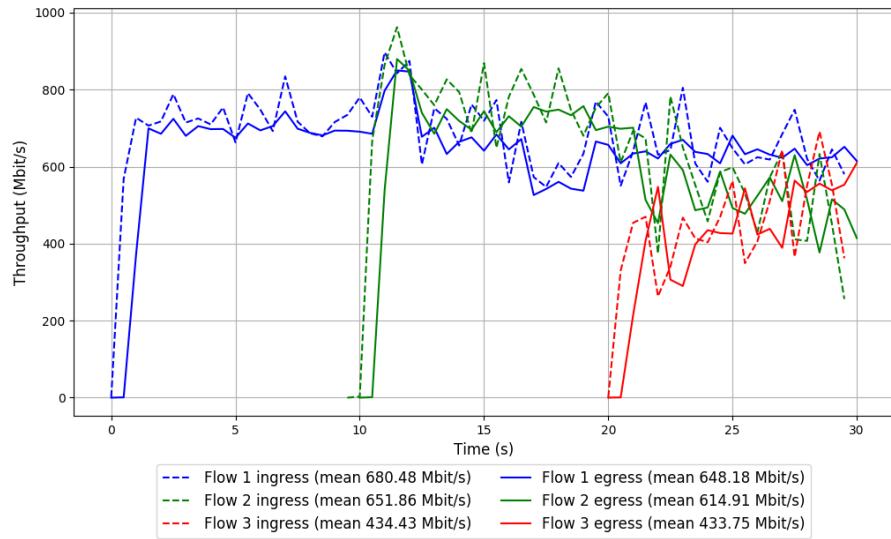


Run 6: Statistics of FillP

```
Start at: 2018-07-26 20:37:51
End at: 2018-07-26 20:38:21
Local clock offset: 0.04 ms
Remote clock offset: -0.117 ms

# Below is generated by plot.py at 2018-07-26 23:40:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1201.38 Mbit/s
95th percentile per-packet one-way delay: 228.130 ms
Loss rate: 4.48%
-- Flow 1:
Average throughput: 648.18 Mbit/s
95th percentile per-packet one-way delay: 140.943 ms
Loss rate: 4.70%
-- Flow 2:
Average throughput: 614.91 Mbit/s
95th percentile per-packet one-way delay: 275.922 ms
Loss rate: 5.60%
-- Flow 3:
Average throughput: 433.75 Mbit/s
95th percentile per-packet one-way delay: 255.933 ms
Loss rate: 0.05%
```

## Run 6: Report of FillP — Data Link

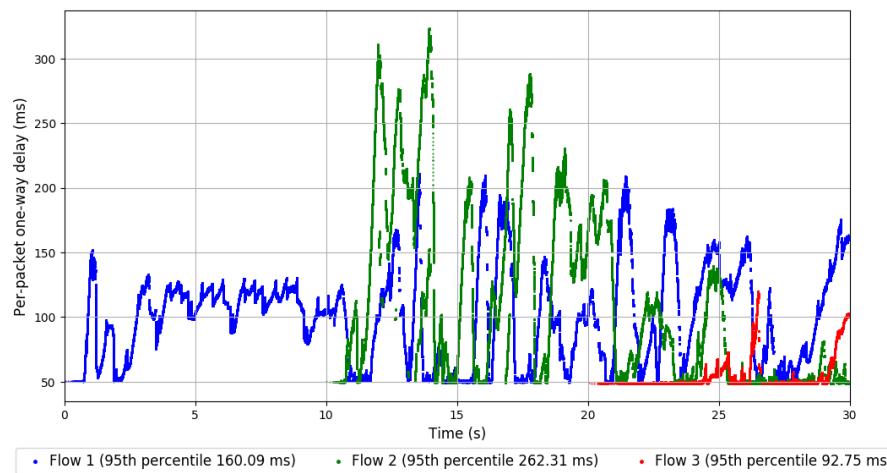
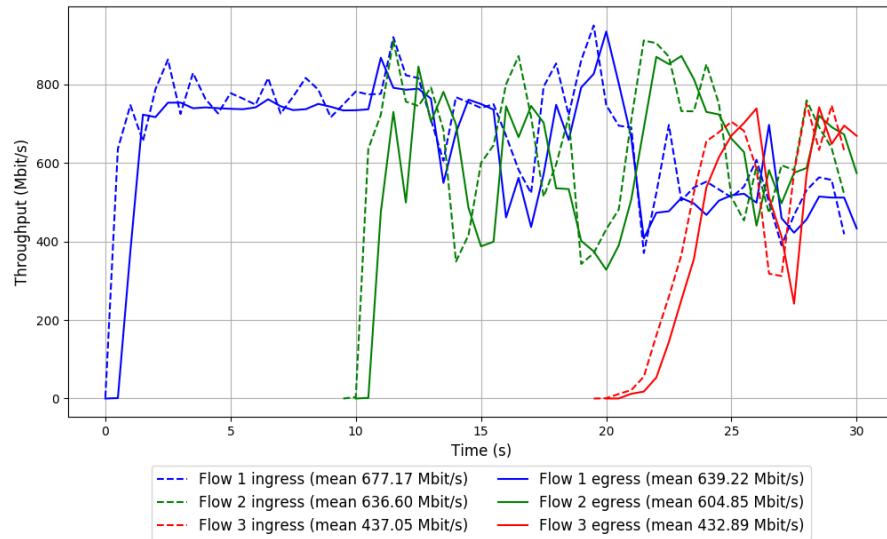


Run 7: Statistics of FillP

```
Start at: 2018-07-26 21:02:37
End at: 2018-07-26 21:03:07
Local clock offset: 0.068 ms
Remote clock offset: -0.087 ms

# Below is generated by plot.py at 2018-07-26 23:40:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1185.79 Mbit/s
95th percentile per-packet one-way delay: 197.893 ms
Loss rate: 4.85%
-- Flow 1:
Average throughput: 639.22 Mbit/s
95th percentile per-packet one-way delay: 160.092 ms
Loss rate: 5.60%
-- Flow 2:
Average throughput: 604.85 Mbit/s
95th percentile per-packet one-way delay: 262.305 ms
Loss rate: 4.99%
-- Flow 3:
Average throughput: 432.89 Mbit/s
95th percentile per-packet one-way delay: 92.750 ms
Loss rate: 0.93%
```

Run 7: Report of FillP — Data Link

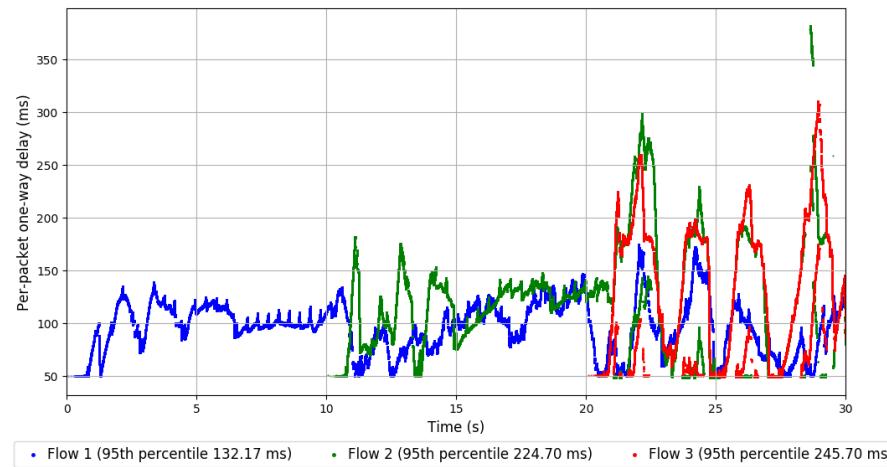
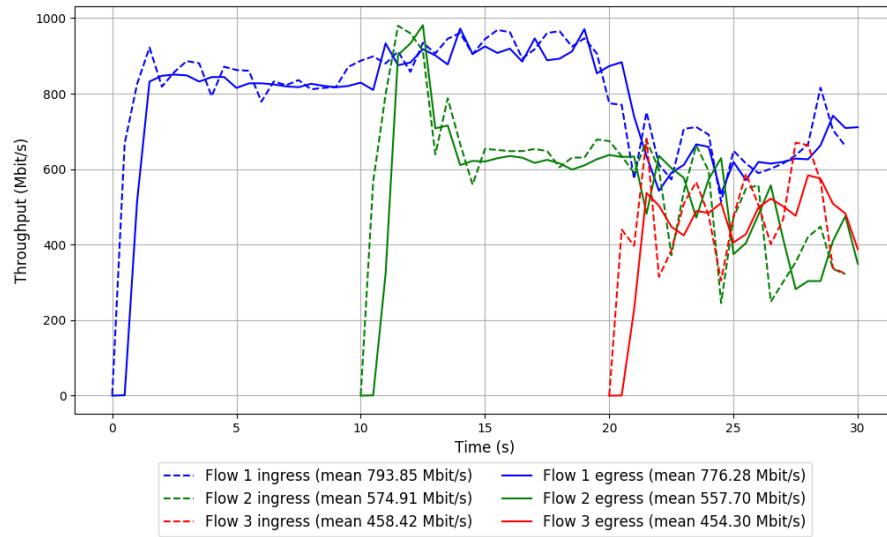


Run 8: Statistics of FillP

```
Start at: 2018-07-26 21:27:36
End at: 2018-07-26 21:28:06
Local clock offset: 0.085 ms
Remote clock offset: -0.03 ms

# Below is generated by plot.py at 2018-07-26 23:40:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1297.65 Mbit/s
95th percentile per-packet one-way delay: 187.093 ms
Loss rate: 2.29%
-- Flow 1:
Average throughput: 776.28 Mbit/s
95th percentile per-packet one-way delay: 132.171 ms
Loss rate: 2.21%
-- Flow 2:
Average throughput: 557.70 Mbit/s
95th percentile per-packet one-way delay: 224.702 ms
Loss rate: 2.99%
-- Flow 3:
Average throughput: 454.30 Mbit/s
95th percentile per-packet one-way delay: 245.704 ms
Loss rate: 0.90%
```

## Run 8: Report of FillP — Data Link

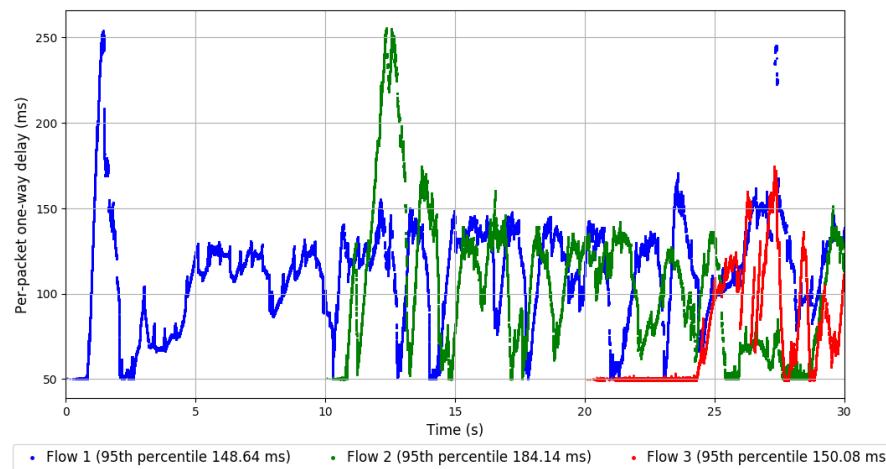
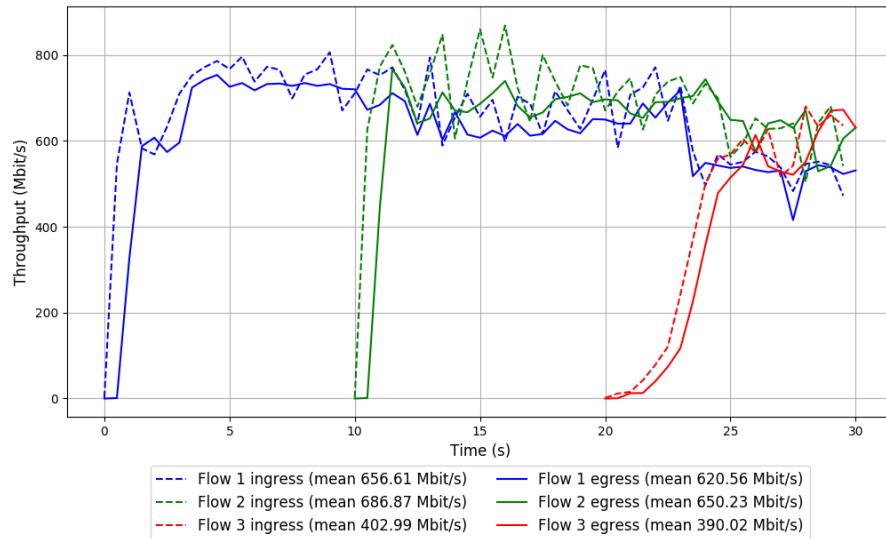


Run 9: Statistics of FillP

```
Start at: 2018-07-26 21:52:38
End at: 2018-07-26 21:53:08
Local clock offset: 0.317 ms
Remote clock offset: -0.061 ms

# Below is generated by plot.py at 2018-07-26 23:56:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1182.50 Mbit/s
95th percentile per-packet one-way delay: 153.137 ms
Loss rate: 5.18%
-- Flow 1:
Average throughput: 620.56 Mbit/s
95th percentile per-packet one-way delay: 148.643 ms
Loss rate: 5.49%
-- Flow 2:
Average throughput: 650.23 Mbit/s
95th percentile per-packet one-way delay: 184.143 ms
Loss rate: 5.33%
-- Flow 3:
Average throughput: 390.02 Mbit/s
95th percentile per-packet one-way delay: 150.076 ms
Loss rate: 3.20%
```

## Run 9: Report of FillP — Data Link

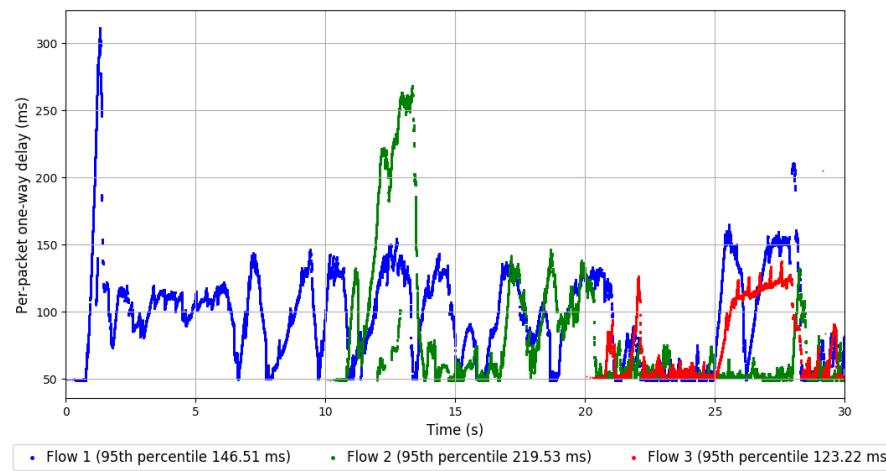
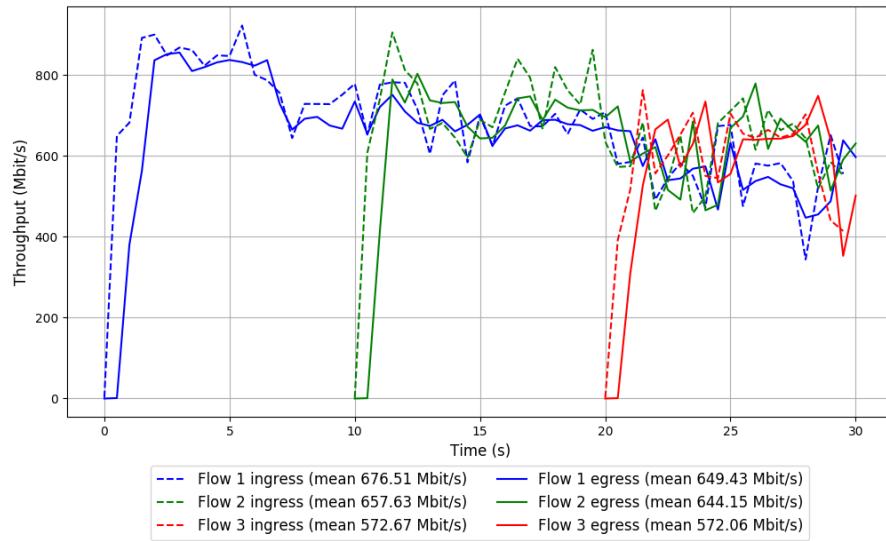


Run 10: Statistics of FillP

```
Start at: 2018-07-26 22:17:25
End at: 2018-07-26 22:17:55
Local clock offset: -0.182 ms
Remote clock offset: -0.069 ms

# Below is generated by plot.py at 2018-07-27 00:01:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1267.55 Mbit/s
95th percentile per-packet one-way delay: 149.092 ms
Loss rate: 2.78%
-- Flow 1:
Average throughput: 649.43 Mbit/s
95th percentile per-packet one-way delay: 146.506 ms
Loss rate: 4.00%
-- Flow 2:
Average throughput: 644.15 Mbit/s
95th percentile per-packet one-way delay: 219.527 ms
Loss rate: 2.04%
-- Flow 3:
Average throughput: 572.06 Mbit/s
95th percentile per-packet one-way delay: 123.217 ms
Loss rate: 0.12%
```

Run 10: Report of FillP — Data Link

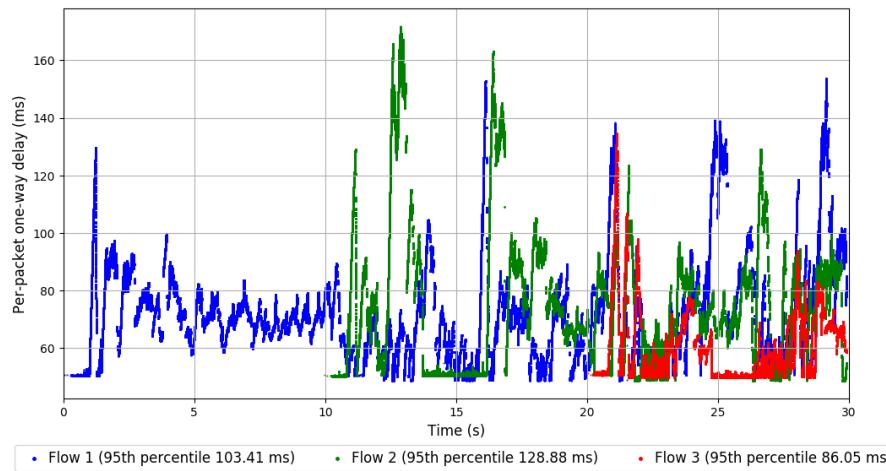
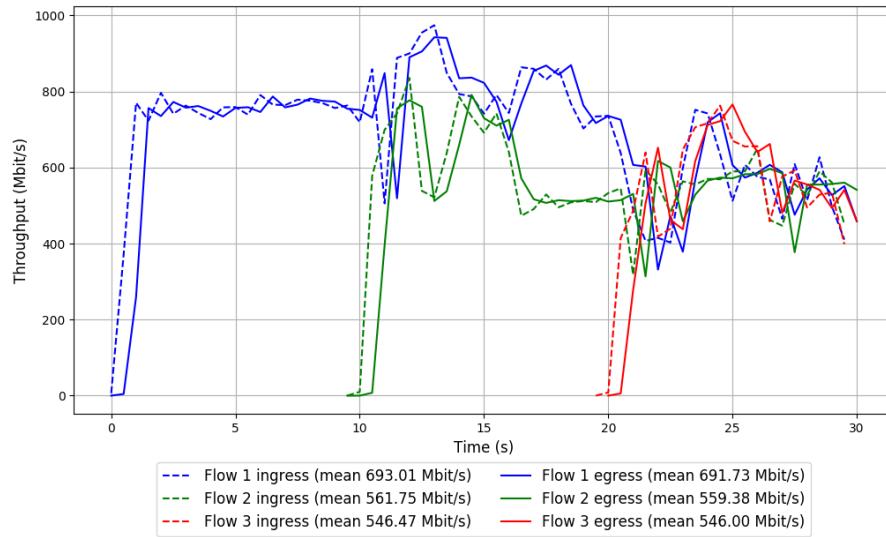


```
Run 1: Statistics of FillP-Sheep
```

```
Start at: 2018-07-26 18:25:00
End at: 2018-07-26 18:25:30
Local clock offset: -0.073 ms
Remote clock offset: -0.031 ms

# Below is generated by plot.py at 2018-07-27 00:01:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1245.70 Mbit/s
95th percentile per-packet one-way delay: 109.622 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 691.73 Mbit/s
95th percentile per-packet one-way delay: 103.412 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 559.38 Mbit/s
95th percentile per-packet one-way delay: 128.879 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 546.00 Mbit/s
95th percentile per-packet one-way delay: 86.051 ms
Loss rate: 0.10%
```

## Run 1: Report of FillP-Sheep — Data Link

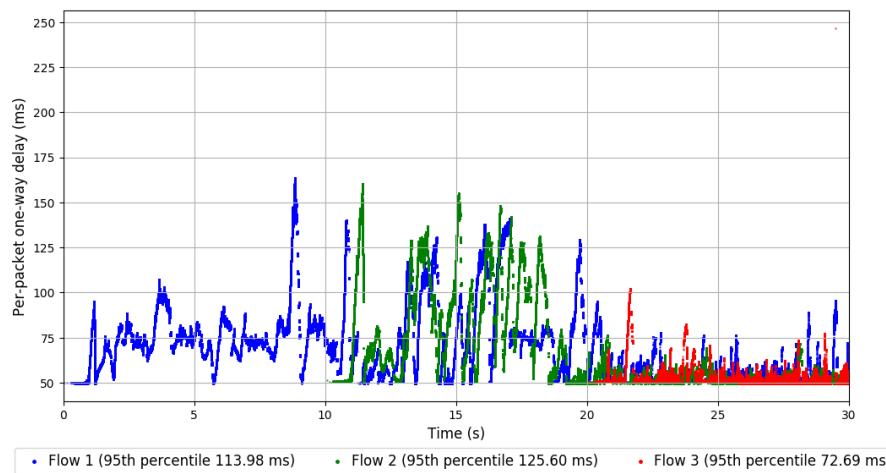
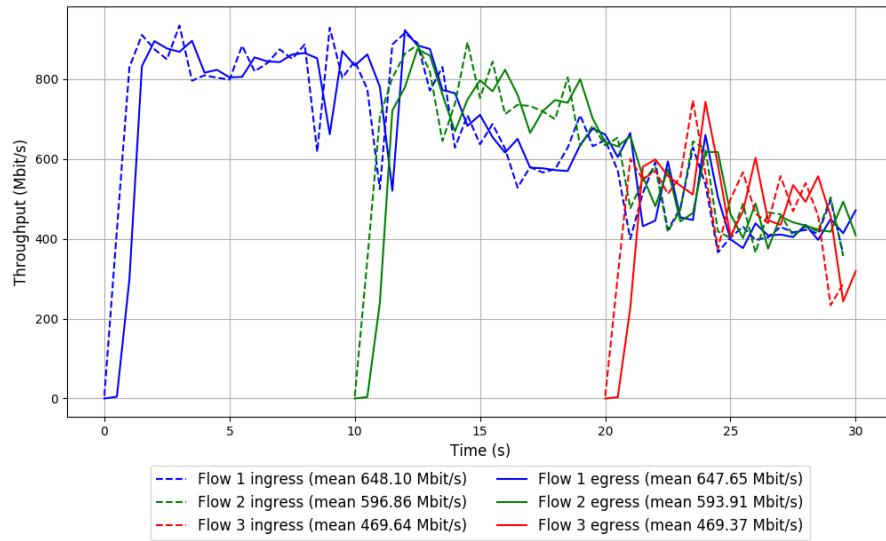


Run 2: Statistics of FillP-Sheep

```
Start at: 2018-07-26 18:50:06
End at: 2018-07-26 18:50:36
Local clock offset: -0.085 ms
Remote clock offset: 0.026 ms

# Below is generated by plot.py at 2018-07-27 00:01:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1198.19 Mbit/s
95th percentile per-packet one-way delay: 118.419 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 647.65 Mbit/s
95th percentile per-packet one-way delay: 113.984 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 593.91 Mbit/s
95th percentile per-packet one-way delay: 125.601 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 469.37 Mbit/s
95th percentile per-packet one-way delay: 72.695 ms
Loss rate: 0.00%
```

## Run 2: Report of FillP-Sheep — Data Link

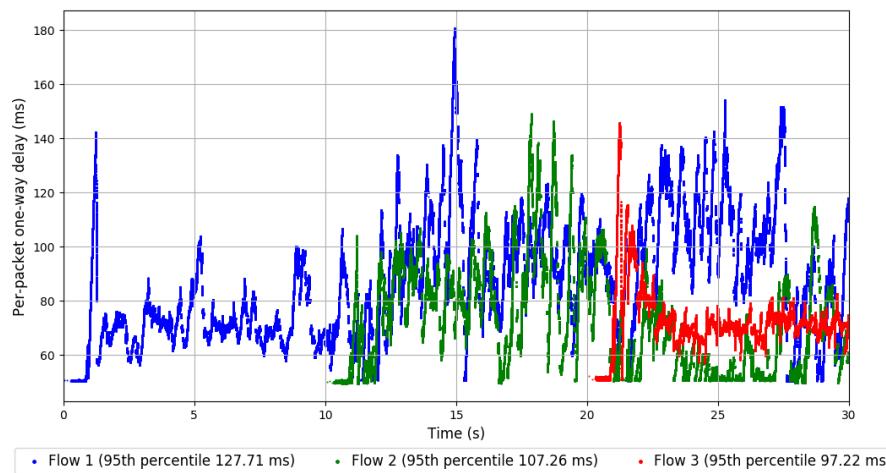
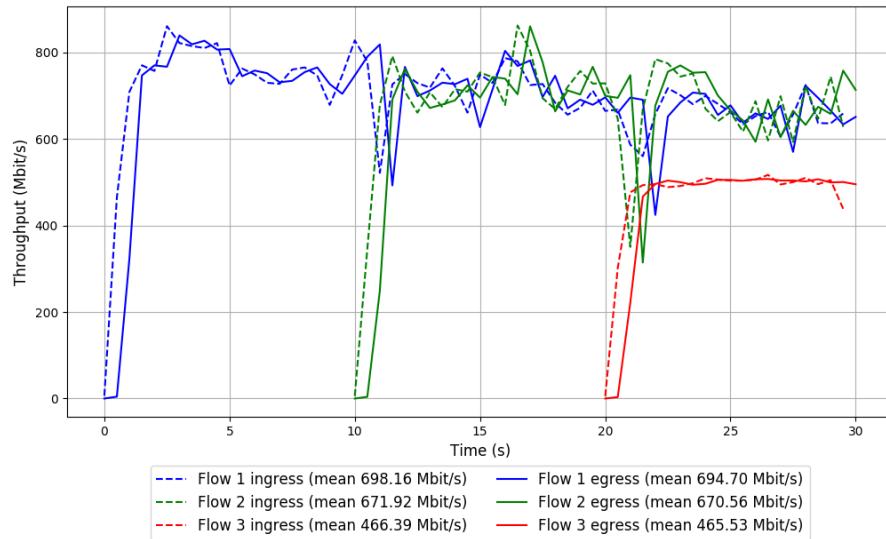


Run 3: Statistics of FillP-Sheep

```
Start at: 2018-07-26 19:14:54
End at: 2018-07-26 19:15:24
Local clock offset: -0.078 ms
Remote clock offset: -0.019 ms

# Below is generated by plot.py at 2018-07-27 00:04:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1294.90 Mbit/s
95th percentile per-packet one-way delay: 120.424 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 694.70 Mbit/s
95th percentile per-packet one-way delay: 127.709 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 670.56 Mbit/s
95th percentile per-packet one-way delay: 107.256 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 465.53 Mbit/s
95th percentile per-packet one-way delay: 97.222 ms
Loss rate: 0.19%
```

Run 3: Report of FillP-Sheep — Data Link

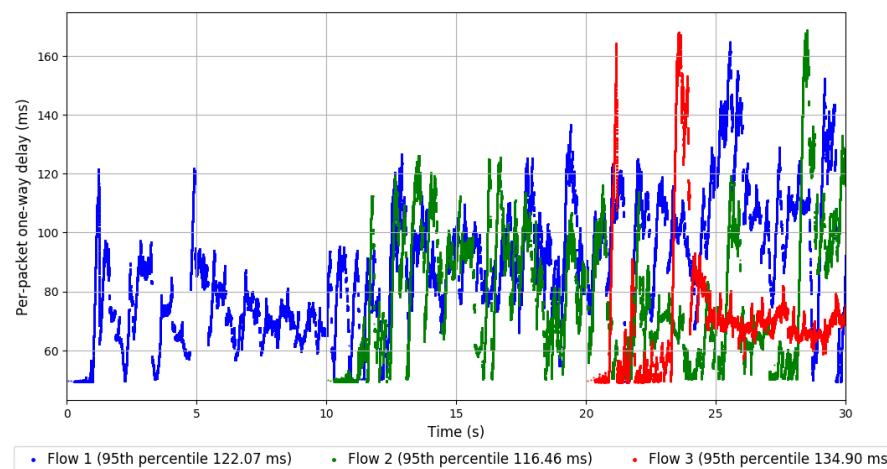
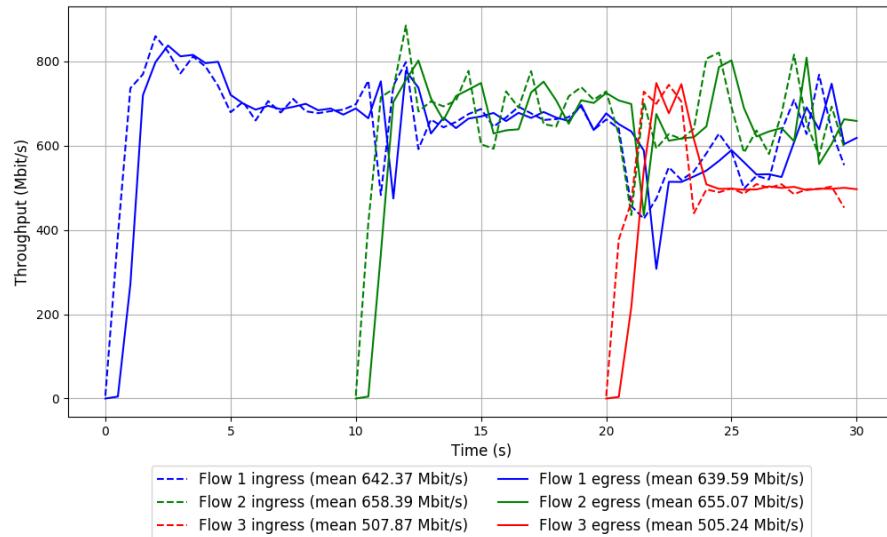


Run 4: Statistics of FillP-Sheep

```
Start at: 2018-07-26 19:39:59
End at: 2018-07-26 19:40:29
Local clock offset: 0.278 ms
Remote clock offset: -0.109 ms

# Below is generated by plot.py at 2018-07-27 00:04:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1243.34 Mbit/s
95th percentile per-packet one-way delay: 120.514 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 639.59 Mbit/s
95th percentile per-packet one-way delay: 122.071 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 655.07 Mbit/s
95th percentile per-packet one-way delay: 116.457 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 505.24 Mbit/s
95th percentile per-packet one-way delay: 134.904 ms
Loss rate: 0.50%
```

Run 4: Report of FillP-Sheep — Data Link

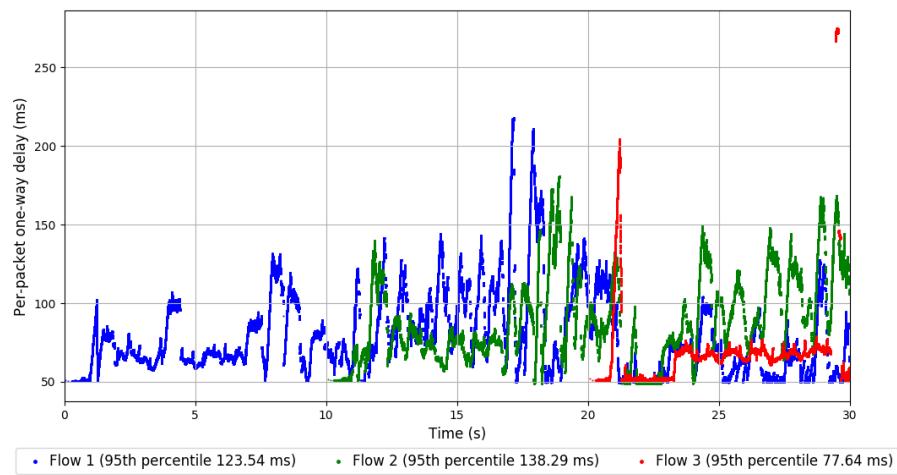
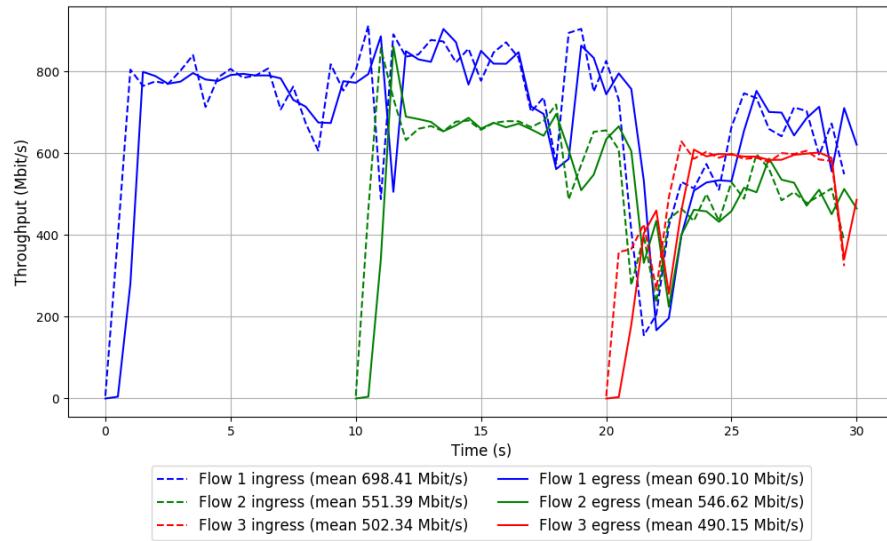


Run 5: Statistics of FillP-Sheep

```
Start at: 2018-07-26 20:05:26
End at: 2018-07-26 20:05:56
Local clock offset: 0.019 ms
Remote clock offset: -0.116 ms

# Below is generated by plot.py at 2018-07-27 00:05:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1216.31 Mbit/s
95th percentile per-packet one-way delay: 129.684 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 690.10 Mbit/s
95th percentile per-packet one-way delay: 123.536 ms
Loss rate: 1.19%
-- Flow 2:
Average throughput: 546.62 Mbit/s
95th percentile per-packet one-way delay: 138.294 ms
Loss rate: 0.86%
-- Flow 3:
Average throughput: 490.15 Mbit/s
95th percentile per-packet one-way delay: 77.639 ms
Loss rate: 2.45%
```

Run 5: Report of FillP-Sheep — Data Link

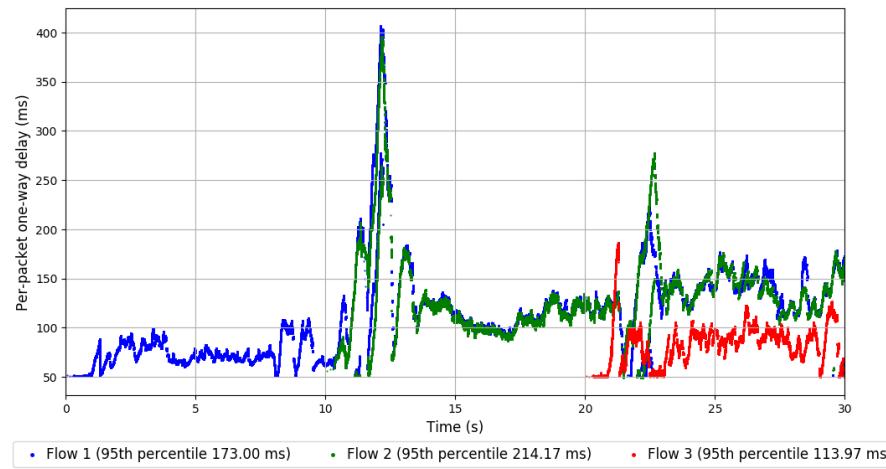
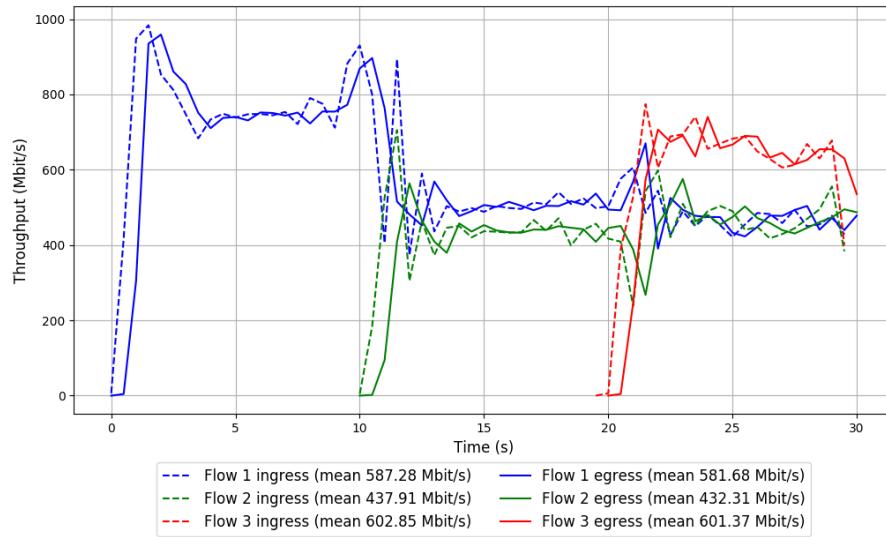


Run 6: Statistics of FillP-Sheep

```
Start at: 2018-07-26 20:30:07
End at: 2018-07-26 20:30:37
Local clock offset: -0.353 ms
Remote clock offset: -0.1 ms

# Below is generated by plot.py at 2018-07-27 00:05:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1069.20 Mbit/s
95th percentile per-packet one-way delay: 175.459 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 581.68 Mbit/s
95th percentile per-packet one-way delay: 173.000 ms
Loss rate: 0.94%
-- Flow 2:
Average throughput: 432.31 Mbit/s
95th percentile per-packet one-way delay: 214.174 ms
Loss rate: 1.23%
-- Flow 3:
Average throughput: 601.37 Mbit/s
95th percentile per-packet one-way delay: 113.965 ms
Loss rate: 0.26%
```

## Run 6: Report of FillP-Sheep — Data Link

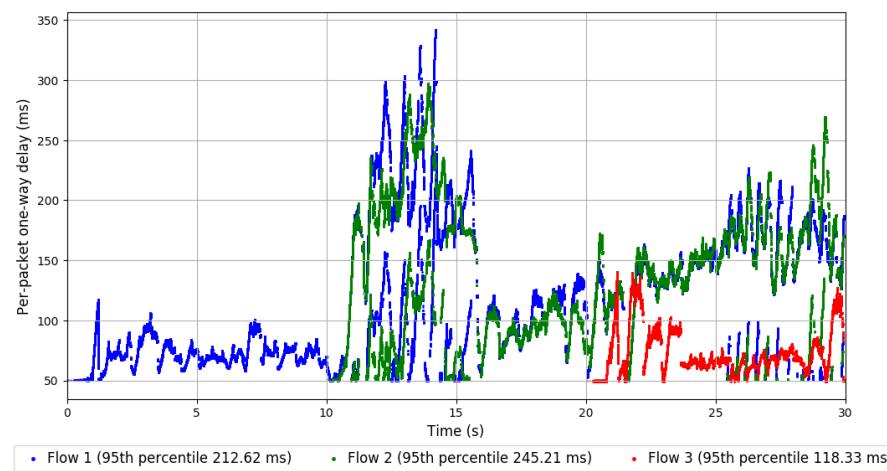
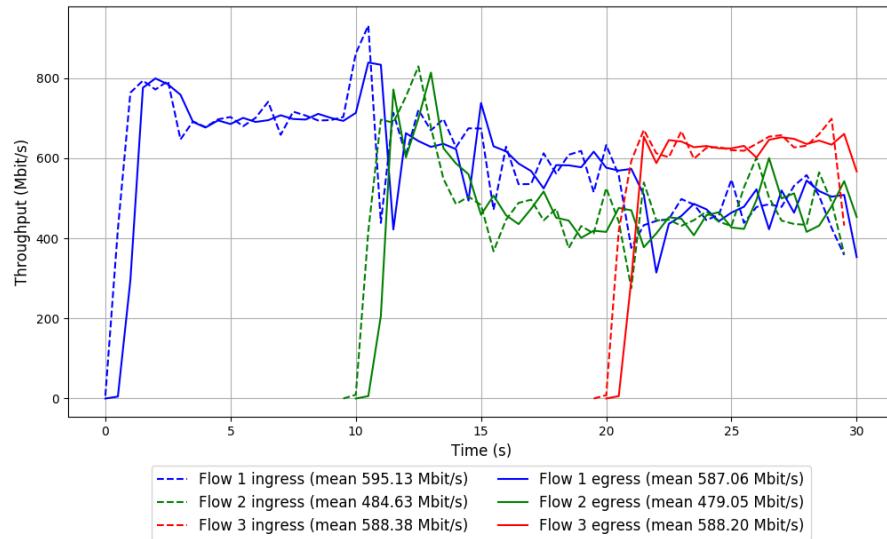


Run 7: Statistics of FillP-Sheep

```
Start at: 2018-07-26 20:54:57
End at: 2018-07-26 20:55:27
Local clock offset: -0.293 ms
Remote clock offset: -0.125 ms

# Below is generated by plot.py at 2018-07-27 00:21:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1101.39 Mbit/s
95th percentile per-packet one-way delay: 217.190 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 587.06 Mbit/s
95th percentile per-packet one-way delay: 212.624 ms
Loss rate: 1.24%
-- Flow 2:
Average throughput: 479.05 Mbit/s
95th percentile per-packet one-way delay: 245.211 ms
Loss rate: 0.92%
-- Flow 3:
Average throughput: 588.20 Mbit/s
95th percentile per-packet one-way delay: 118.334 ms
Loss rate: 0.02%
```

Run 7: Report of FillP-Sheep — Data Link

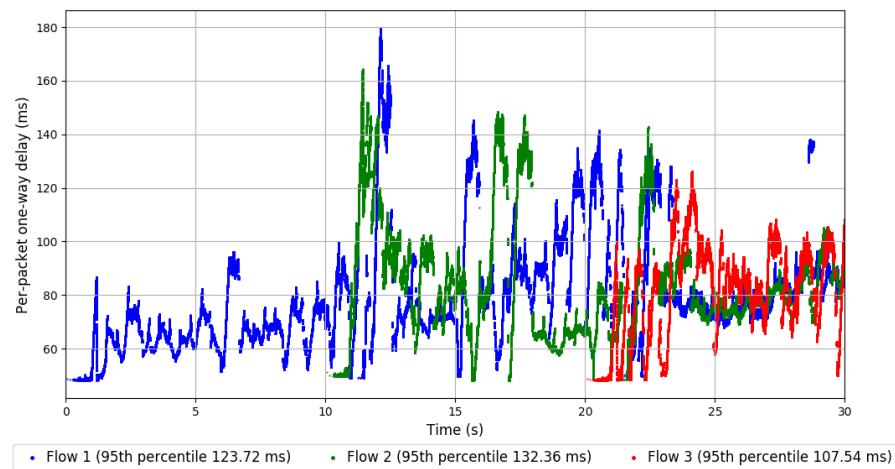
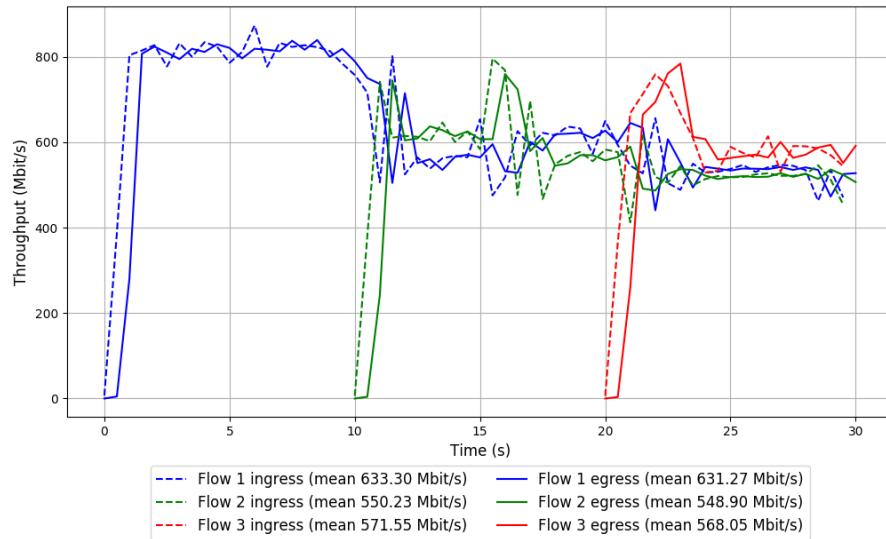


Run 8: Statistics of FillP-Sheep

```
Start at: 2018-07-26 21:19:49
End at: 2018-07-26 21:20:19
Local clock offset: 0.499 ms
Remote clock offset: -0.081 ms

# Below is generated by plot.py at 2018-07-27 00:27:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1184.78 Mbit/s
95th percentile per-packet one-way delay: 125.263 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 631.27 Mbit/s
95th percentile per-packet one-way delay: 123.717 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 548.90 Mbit/s
95th percentile per-packet one-way delay: 132.360 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 568.05 Mbit/s
95th percentile per-packet one-way delay: 107.538 ms
Loss rate: 0.57%
```

Run 8: Report of FillP-Sheep — Data Link

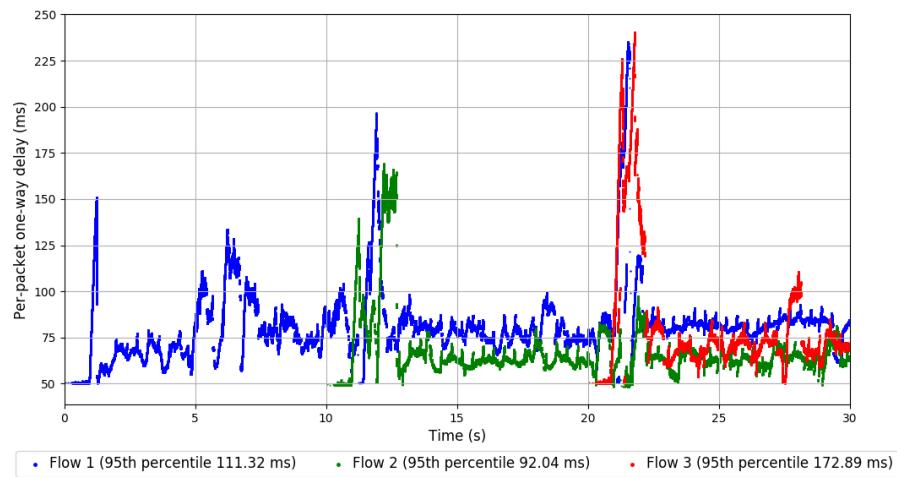
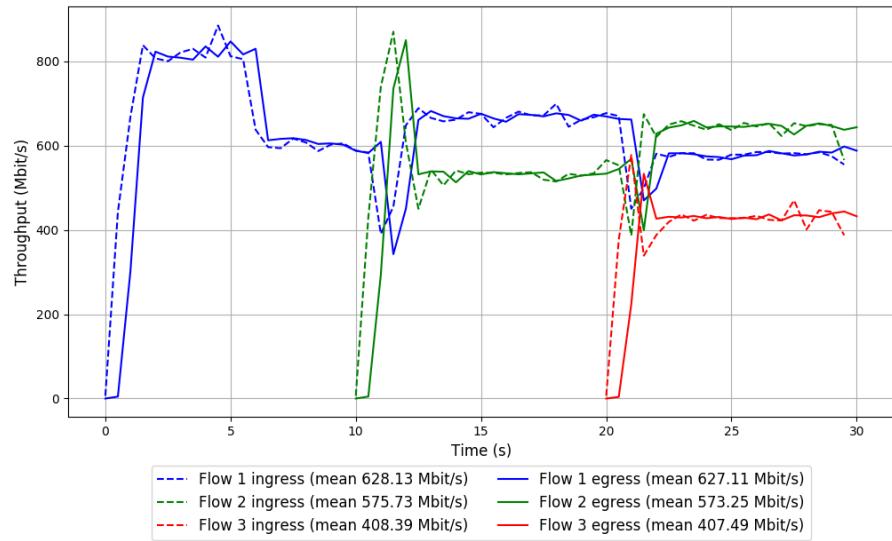


Run 9: Statistics of FillP-Sheep

```
Start at: 2018-07-26 21:44:54
End at: 2018-07-26 21:45:24
Local clock offset: 0.341 ms
Remote clock offset: -0.049 ms

# Below is generated by plot.py at 2018-07-27 00:27:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1144.08 Mbit/s
95th percentile per-packet one-way delay: 113.714 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 627.11 Mbit/s
95th percentile per-packet one-way delay: 111.324 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 573.25 Mbit/s
95th percentile per-packet one-way delay: 92.042 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 407.49 Mbit/s
95th percentile per-packet one-way delay: 172.892 ms
Loss rate: 0.25%
```

Run 9: Report of FillP-Sheep — Data Link

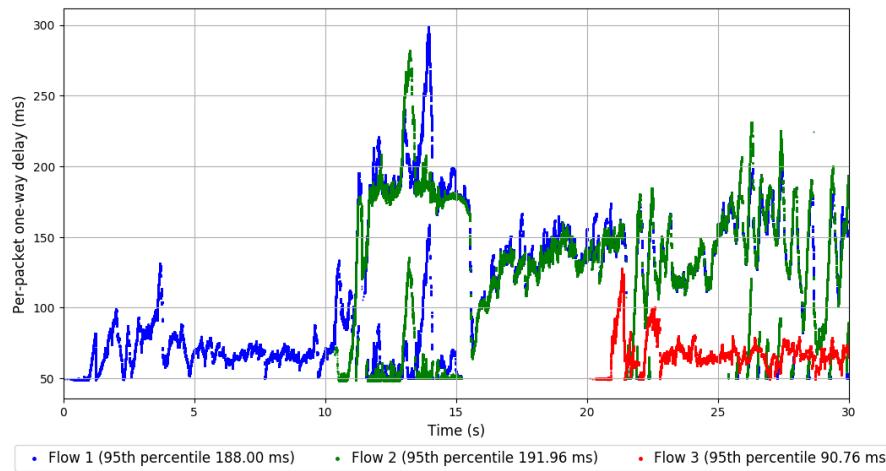
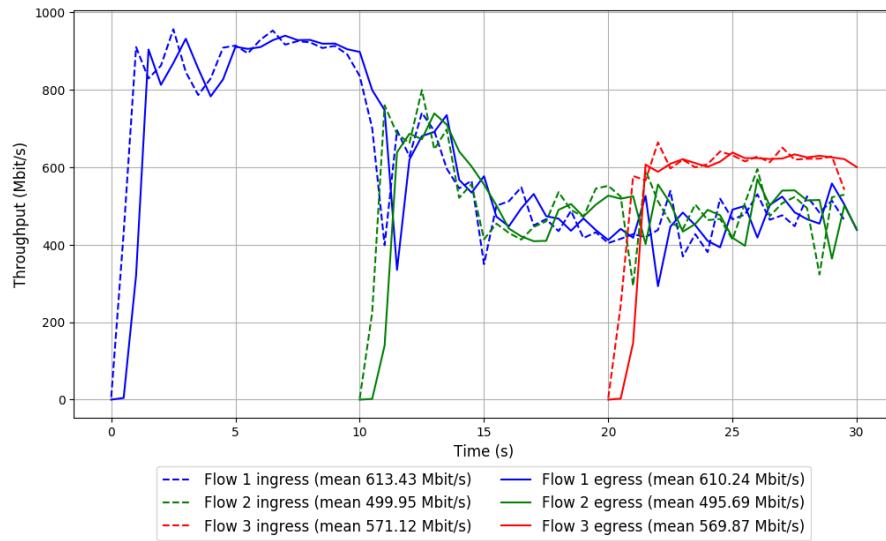


Run 10: Statistics of FillP-Sheep

```
Start at: 2018-07-26 22:09:38
End at: 2018-07-26 22:10:08
Local clock offset: 0.235 ms
Remote clock offset: -0.053 ms

# Below is generated by plot.py at 2018-07-27 00:27:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1128.03 Mbit/s
95th percentile per-packet one-way delay: 186.912 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 610.24 Mbit/s
95th percentile per-packet one-way delay: 187.995 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 495.69 Mbit/s
95th percentile per-packet one-way delay: 191.959 ms
Loss rate: 0.93%
-- Flow 3:
Average throughput: 569.87 Mbit/s
95th percentile per-packet one-way delay: 90.758 ms
Loss rate: 0.23%
```

Run 10: Report of FillP-Sheep — Data Link

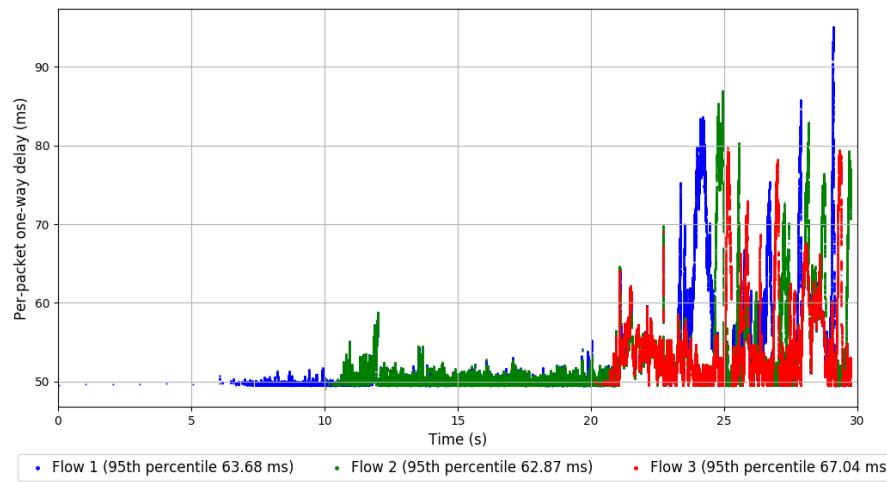
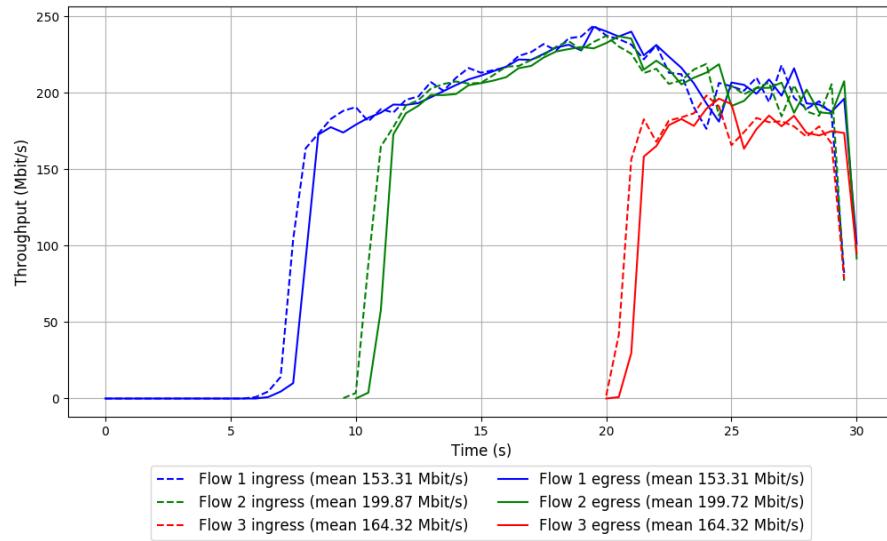


Run 1: Statistics of Indigo

```
Start at: 2018-07-26 18:19:58
End at: 2018-07-26 18:20:28
Local clock offset: -0.067 ms
Remote clock offset: -0.007 ms

# Below is generated by plot.py at 2018-07-27 00:27:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 338.80 Mbit/s
95th percentile per-packet one-way delay: 64.290 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 153.31 Mbit/s
95th percentile per-packet one-way delay: 63.684 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 199.72 Mbit/s
95th percentile per-packet one-way delay: 62.874 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 164.32 Mbit/s
95th percentile per-packet one-way delay: 67.037 ms
Loss rate: 0.00%
```

### Run 1: Report of Indigo — Data Link

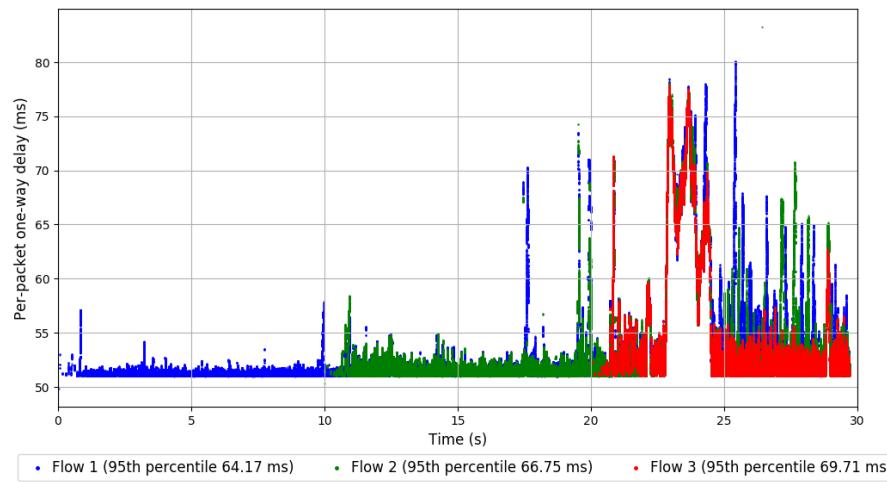
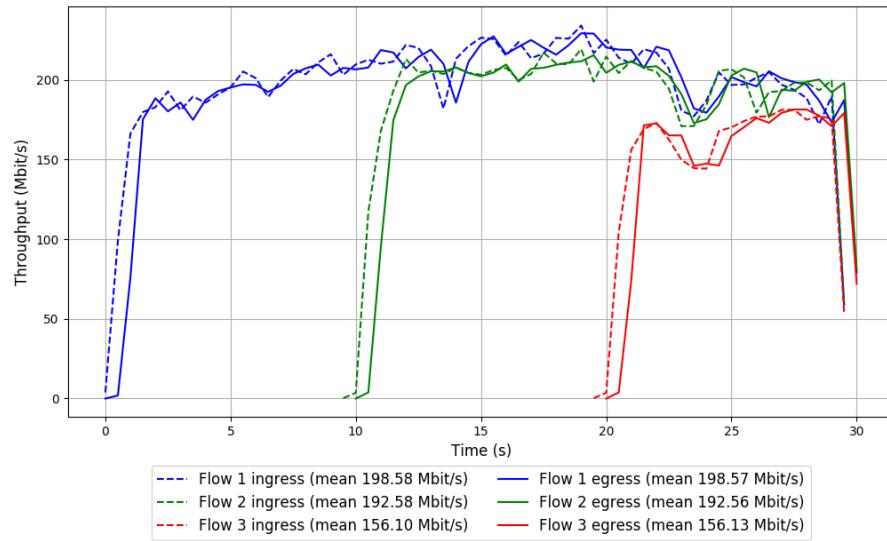


Run 2: Statistics of Indigo

```
Start at: 2018-07-26 18:45:07
End at: 2018-07-26 18:45:37
Local clock offset: -0.474 ms
Remote clock offset: -0.0 ms

# Below is generated by plot.py at 2018-07-27 00:27:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 377.37 Mbit/s
95th percentile per-packet one-way delay: 66.771 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 198.57 Mbit/s
95th percentile per-packet one-way delay: 64.165 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 192.56 Mbit/s
95th percentile per-packet one-way delay: 66.754 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 156.13 Mbit/s
95th percentile per-packet one-way delay: 69.709 ms
Loss rate: 0.00%
```

Run 2: Report of Indigo — Data Link

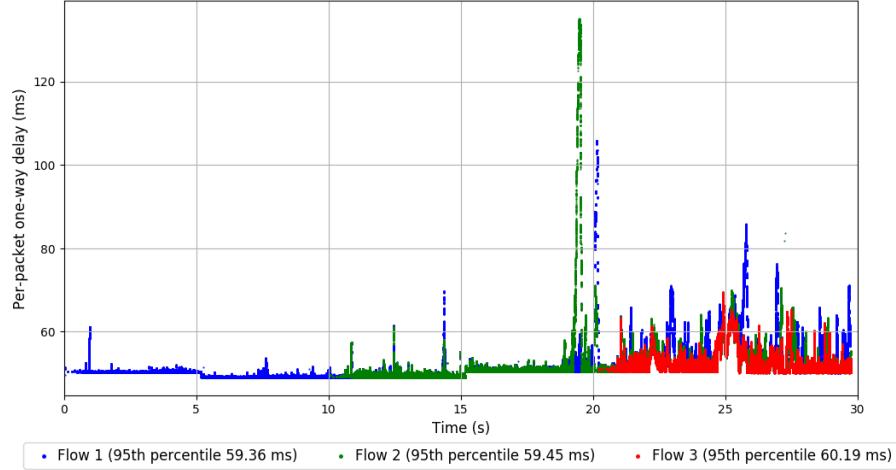
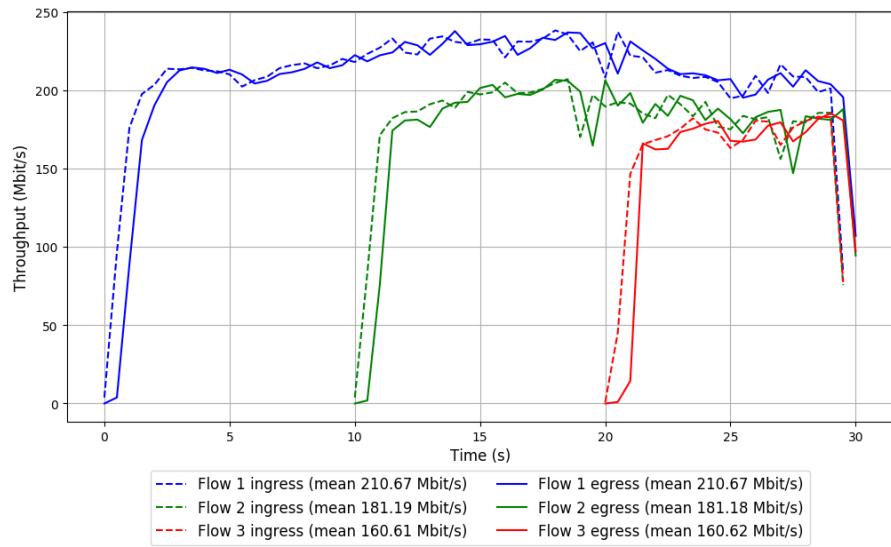


Run 3: Statistics of Indigo

```
Start at: 2018-07-26 19:09:56
End at: 2018-07-26 19:10:26
Local clock offset: 0.299 ms
Remote clock offset: 0.009 ms

# Below is generated by plot.py at 2018-07-27 00:27:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 382.18 Mbit/s
95th percentile per-packet one-way delay: 59.600 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 210.67 Mbit/s
95th percentile per-packet one-way delay: 59.364 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 181.18 Mbit/s
95th percentile per-packet one-way delay: 59.453 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 160.62 Mbit/s
95th percentile per-packet one-way delay: 60.186 ms
Loss rate: 0.00%
```

Run 3: Report of Indigo — Data Link

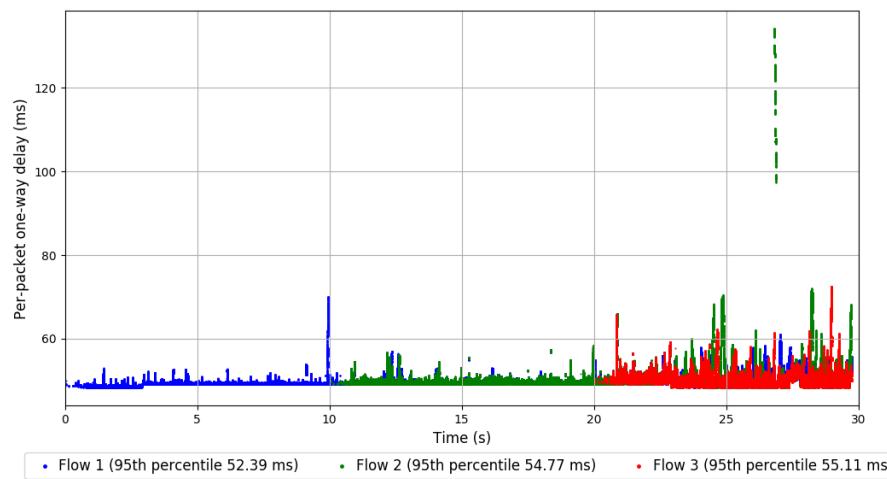
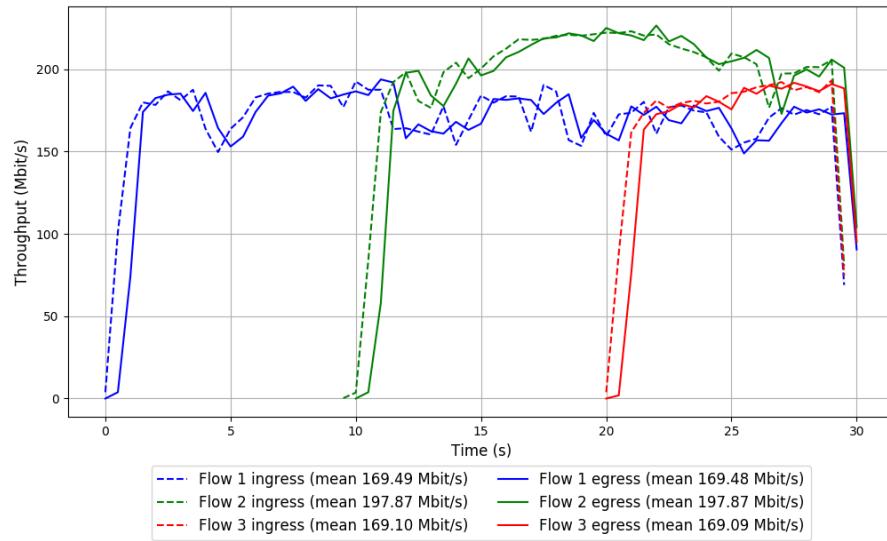


Run 4: Statistics of Indigo

```
Start at: 2018-07-26 19:35:08
End at: 2018-07-26 19:35:38
Local clock offset: 0.278 ms
Remote clock offset: -0.146 ms

# Below is generated by plot.py at 2018-07-27 00:27:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 355.89 Mbit/s
95th percentile per-packet one-way delay: 53.725 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 169.48 Mbit/s
95th percentile per-packet one-way delay: 52.391 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 197.87 Mbit/s
95th percentile per-packet one-way delay: 54.770 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 169.09 Mbit/s
95th percentile per-packet one-way delay: 55.113 ms
Loss rate: 0.00%
```

Run 4: Report of Indigo — Data Link

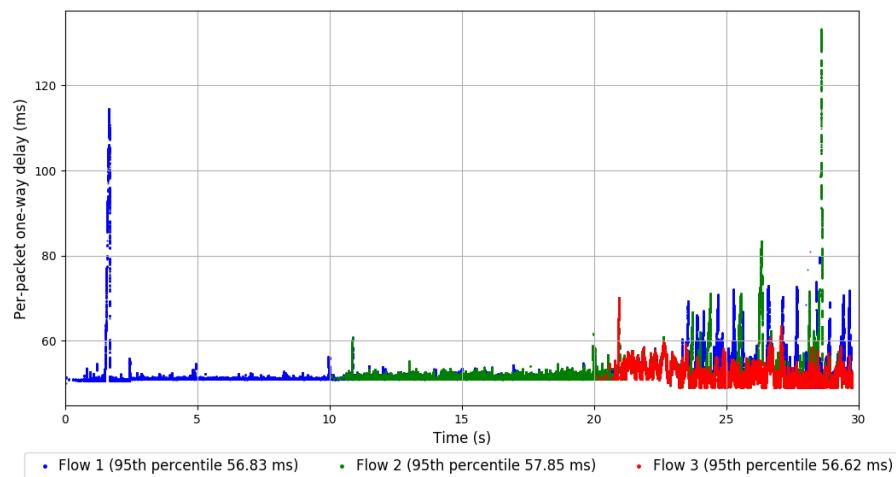
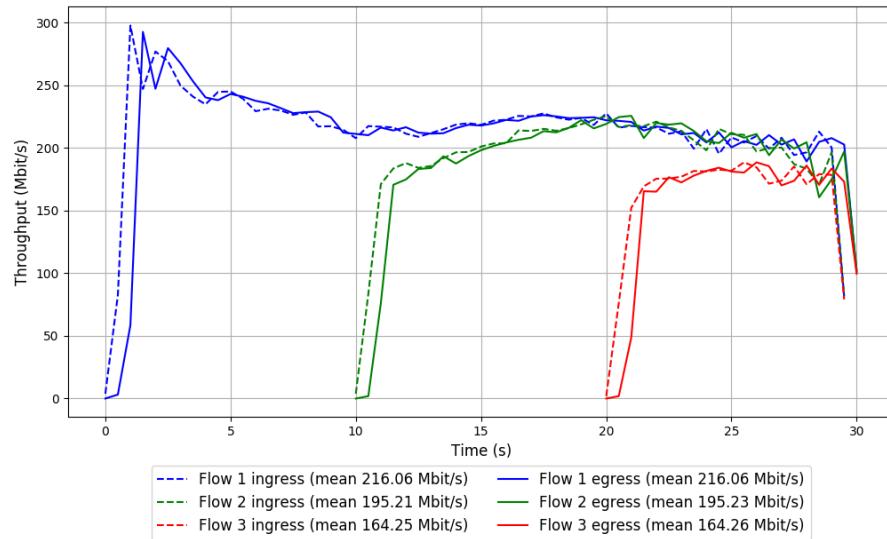


Run 5: Statistics of Indigo

```
Start at: 2018-07-26 20:00:29
End at: 2018-07-26 20:00:59
Local clock offset: -0.402 ms
Remote clock offset: -0.127 ms

# Below is generated by plot.py at 2018-07-27 00:27:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 398.73 Mbit/s
95th percentile per-packet one-way delay: 57.109 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 216.06 Mbit/s
95th percentile per-packet one-way delay: 56.834 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 195.23 Mbit/s
95th percentile per-packet one-way delay: 57.849 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 164.26 Mbit/s
95th percentile per-packet one-way delay: 56.624 ms
Loss rate: 0.00%
```

## Run 5: Report of Indigo — Data Link

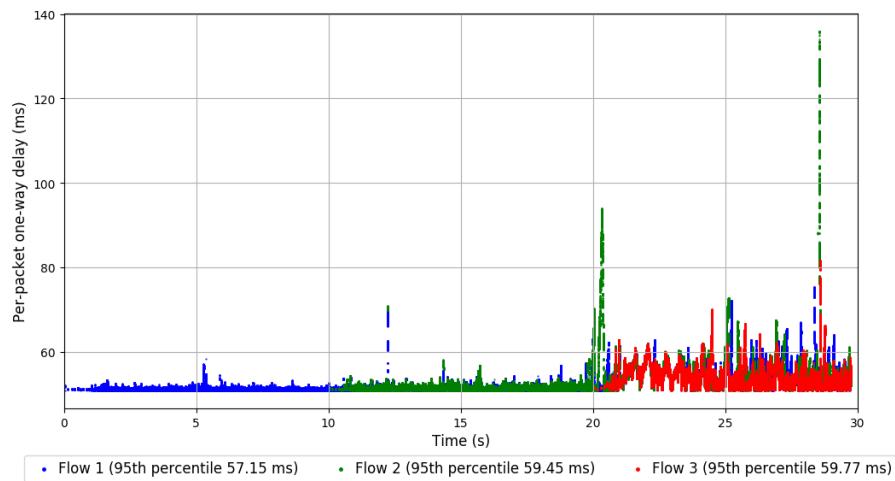
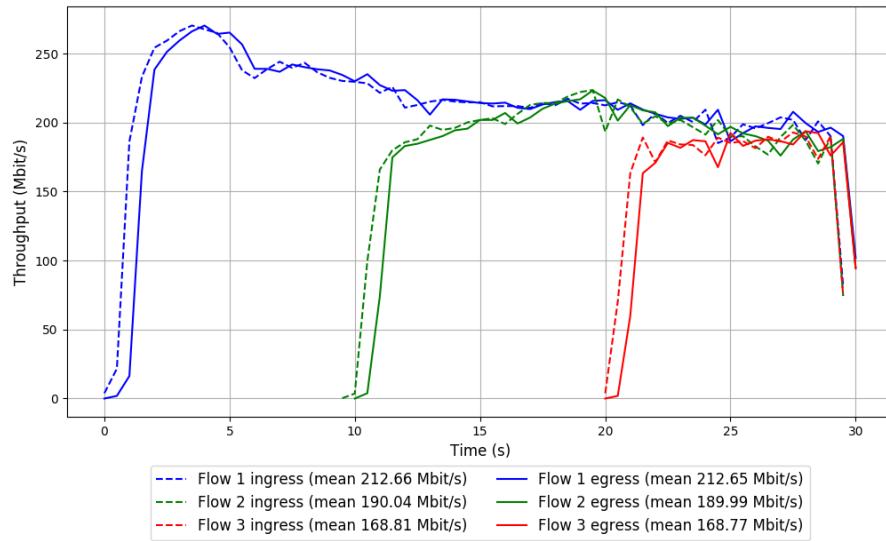


Run 6: Statistics of Indigo

```
Start at: 2018-07-26 20:25:16
End at: 2018-07-26 20:25:46
Local clock offset: -0.336 ms
Remote clock offset: -0.128 ms

# Below is generated by plot.py at 2018-07-27 00:27:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 393.71 Mbit/s
95th percentile per-packet one-way delay: 58.420 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 212.65 Mbit/s
95th percentile per-packet one-way delay: 57.146 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 189.99 Mbit/s
95th percentile per-packet one-way delay: 59.451 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 168.77 Mbit/s
95th percentile per-packet one-way delay: 59.770 ms
Loss rate: 0.02%
```

Run 6: Report of Indigo — Data Link

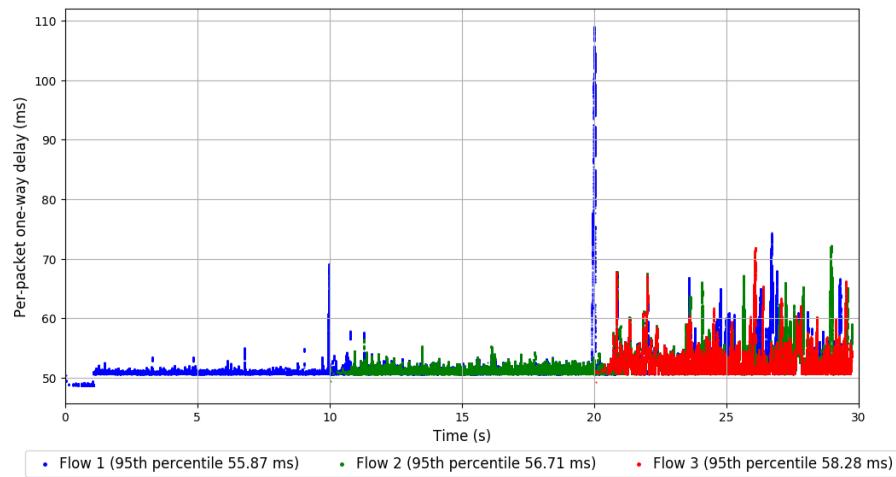
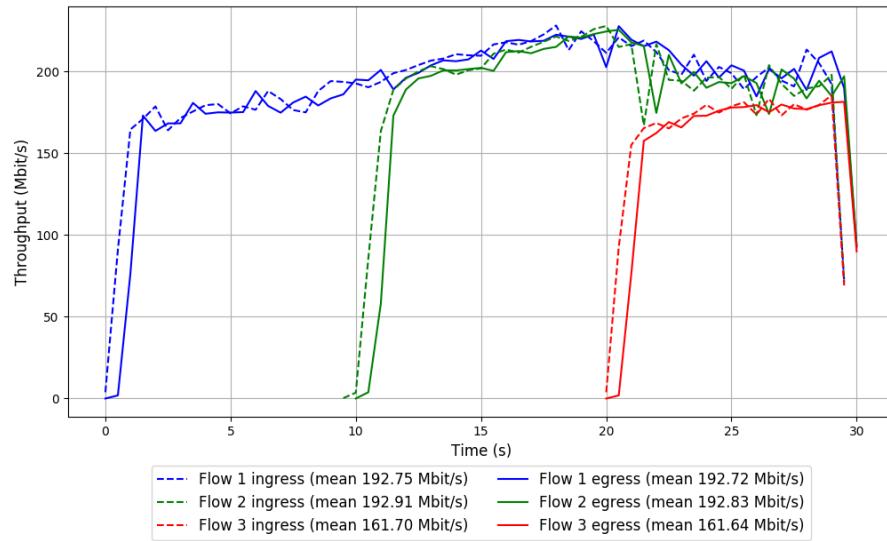


Run 7: Statistics of Indigo

```
Start at: 2018-07-26 20:50:10
End at: 2018-07-26 20:50:40
Local clock offset: 0.034 ms
Remote clock offset: -0.127 ms

# Below is generated by plot.py at 2018-07-27 00:27:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 373.39 Mbit/s
95th percentile per-packet one-way delay: 56.682 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 192.72 Mbit/s
95th percentile per-packet one-way delay: 55.868 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 192.83 Mbit/s
95th percentile per-packet one-way delay: 56.713 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 161.64 Mbit/s
95th percentile per-packet one-way delay: 58.285 ms
Loss rate: 0.00%
```

Run 7: Report of Indigo — Data Link

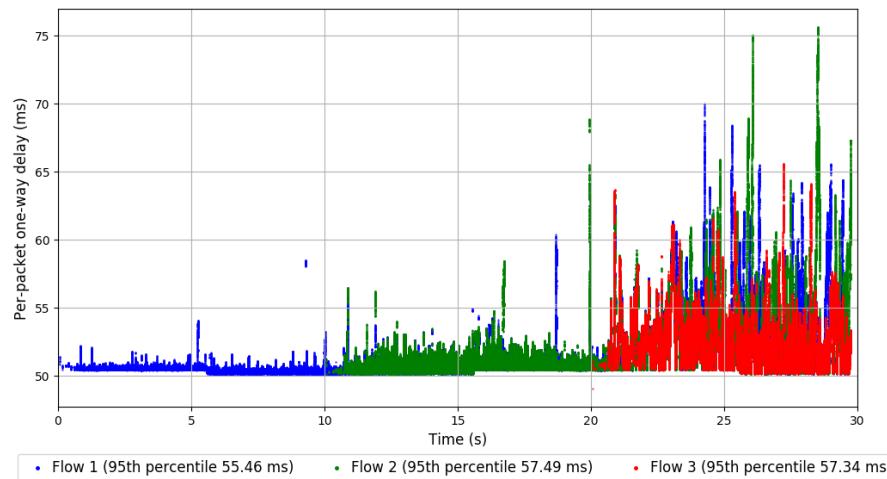
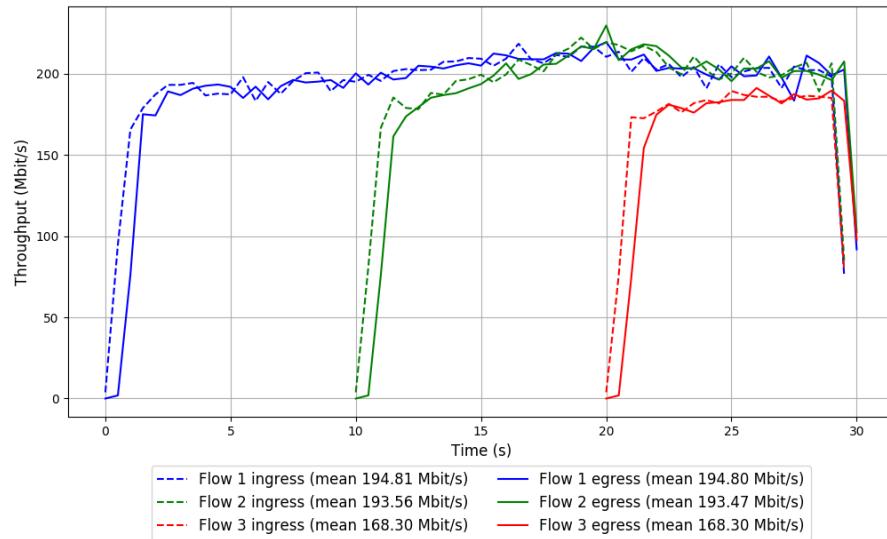


Run 8: Statistics of Indigo

```
Start at: 2018-07-26 21:14:56
End at: 2018-07-26 21:15:26
Local clock offset: 0.074 ms
Remote clock offset: -0.112 ms

# Below is generated by plot.py at 2018-07-27 00:27:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 377.97 Mbit/s
95th percentile per-packet one-way delay: 56.508 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 194.80 Mbit/s
95th percentile per-packet one-way delay: 55.462 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 193.47 Mbit/s
95th percentile per-packet one-way delay: 57.493 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 168.30 Mbit/s
95th percentile per-packet one-way delay: 57.341 ms
Loss rate: 0.00%
```

Run 8: Report of Indigo — Data Link

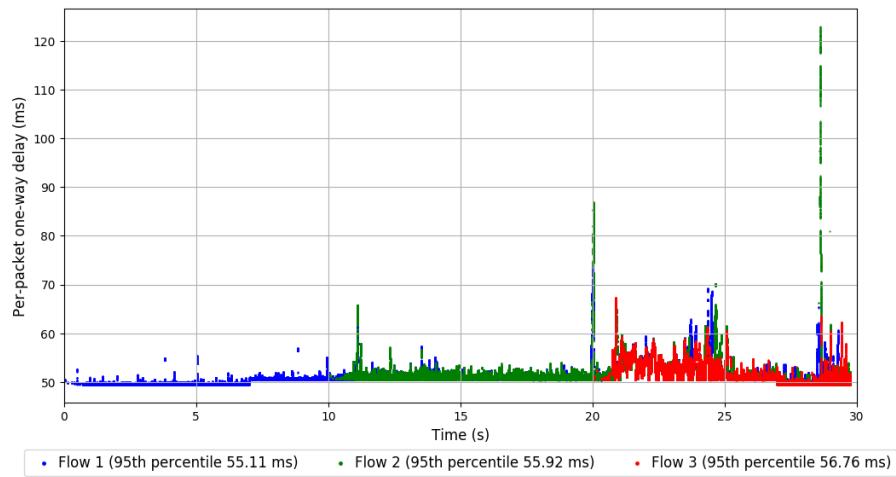
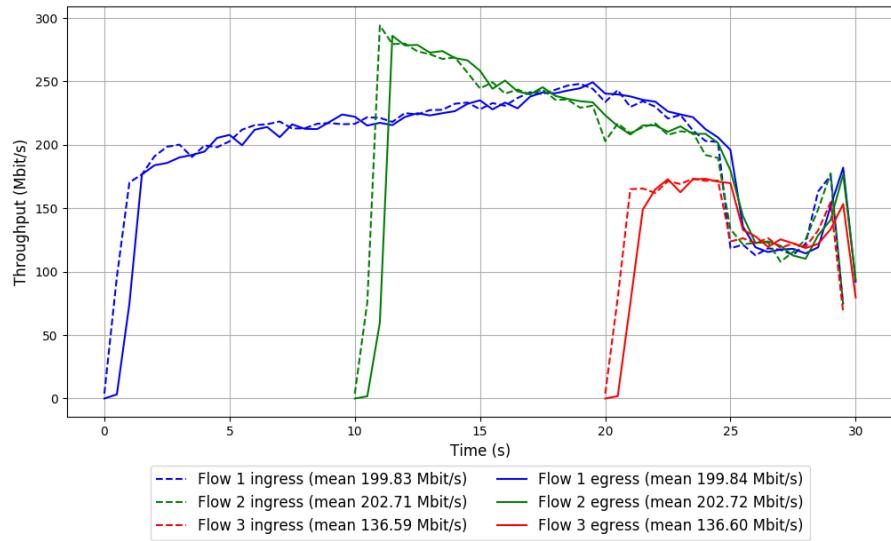


Run 9: Statistics of Indigo

```
Start at: 2018-07-26 21:39:54
End at: 2018-07-26 21:40:24
Local clock offset: 0.033 ms
Remote clock offset: -0.06 ms

# Below is generated by plot.py at 2018-07-27 00:27:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 378.76 Mbit/s
95th percentile per-packet one-way delay: 55.721 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 199.84 Mbit/s
95th percentile per-packet one-way delay: 55.112 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 202.72 Mbit/s
95th percentile per-packet one-way delay: 55.918 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 136.60 Mbit/s
95th percentile per-packet one-way delay: 56.763 ms
Loss rate: 0.00%
```

Run 9: Report of Indigo — Data Link

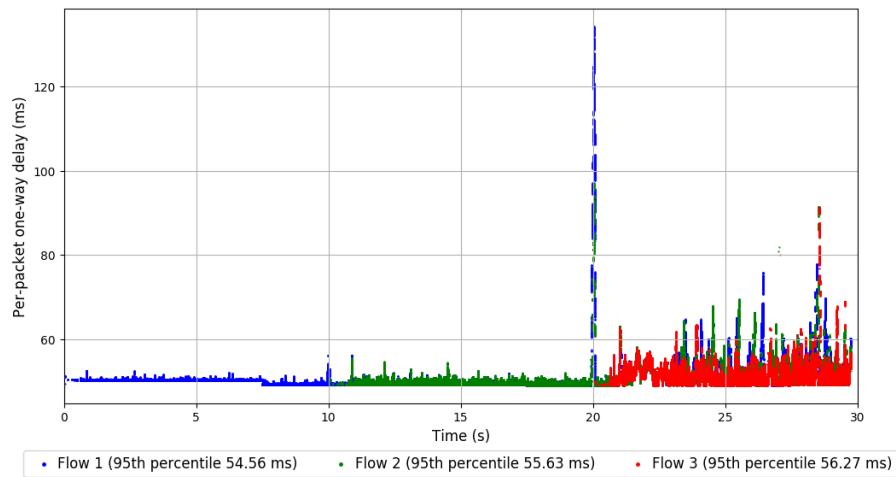
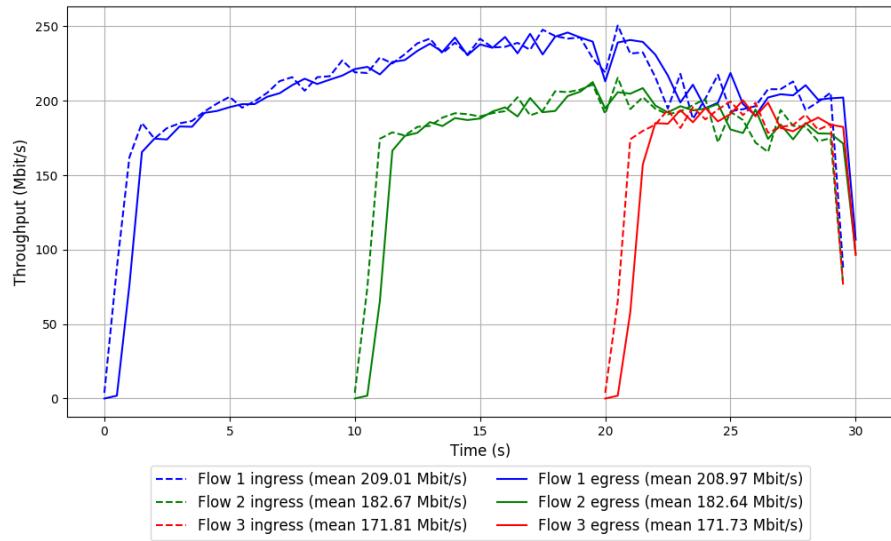


Run 10: Statistics of Indigo

```
Start at: 2018-07-26 22:04:54
End at: 2018-07-26 22:05:24
Local clock offset: 0.296 ms
Remote clock offset: -0.046 ms

# Below is generated by plot.py at 2018-07-27 00:27:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 385.86 Mbit/s
95th percentile per-packet one-way delay: 55.372 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 208.97 Mbit/s
95th percentile per-packet one-way delay: 54.563 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 182.64 Mbit/s
95th percentile per-packet one-way delay: 55.634 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 171.73 Mbit/s
95th percentile per-packet one-way delay: 56.270 ms
Loss rate: 0.00%
```

## Run 10: Report of Indigo — Data Link

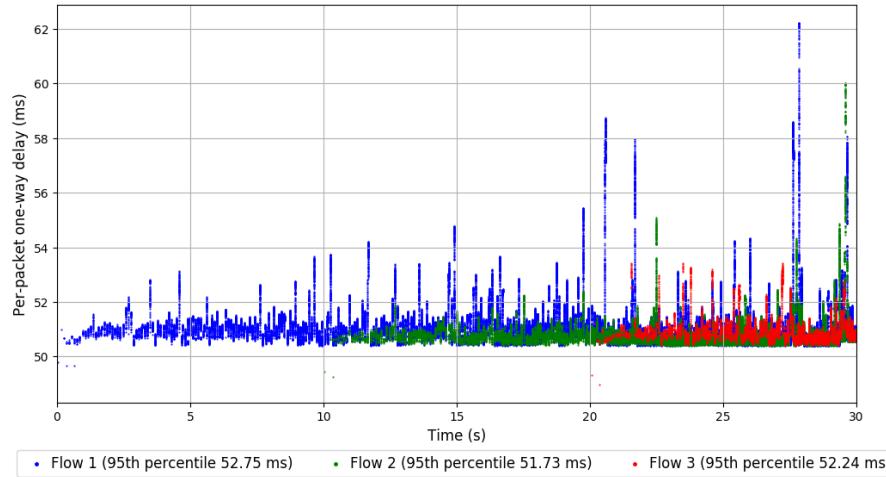
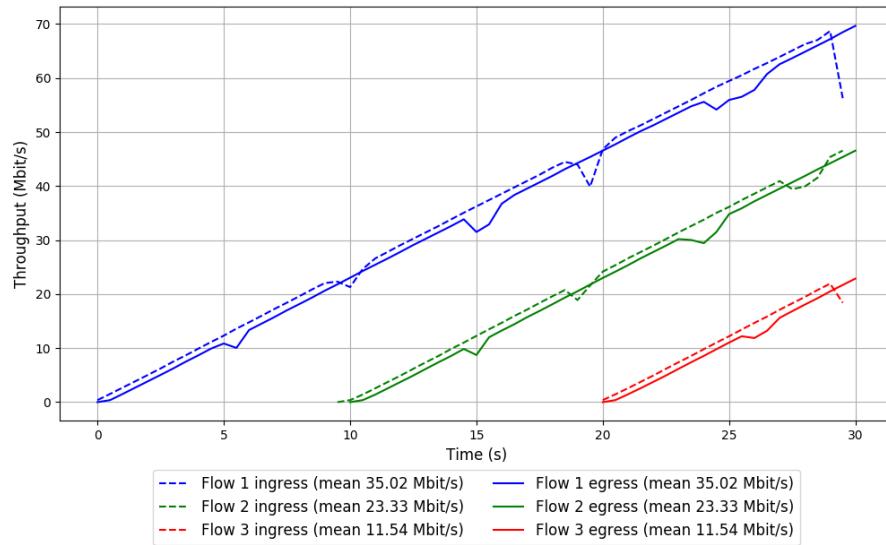


Run 1: Statistics of LEDBAT

```
Start at: 2018-07-26 18:36:22
End at: 2018-07-26 18:36:52
Local clock offset: -0.098 ms
Remote clock offset: 0.064 ms

# Below is generated by plot.py at 2018-07-27 00:27:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 54.34 Mbit/s
95th percentile per-packet one-way delay: 52.447 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 35.02 Mbit/s
95th percentile per-packet one-way delay: 52.746 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 23.33 Mbit/s
95th percentile per-packet one-way delay: 51.732 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 11.54 Mbit/s
95th percentile per-packet one-way delay: 52.244 ms
Loss rate: 0.00%
```

Run 1: Report of LEDBAT — Data Link

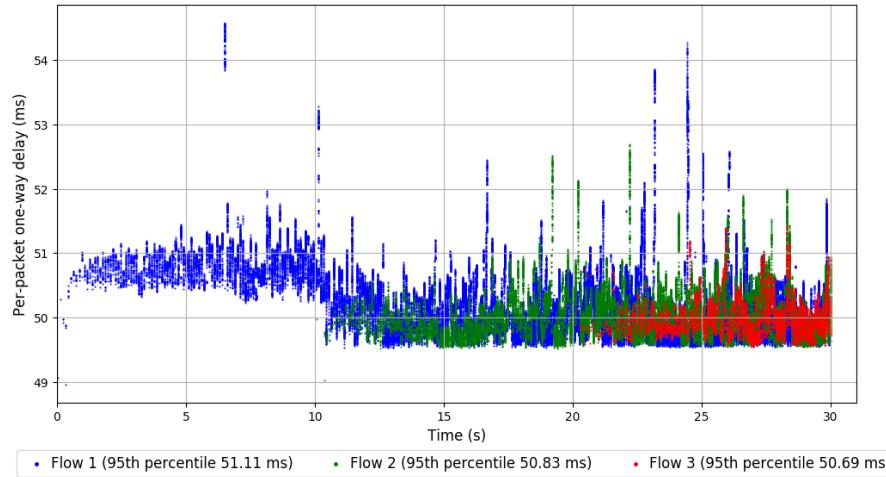
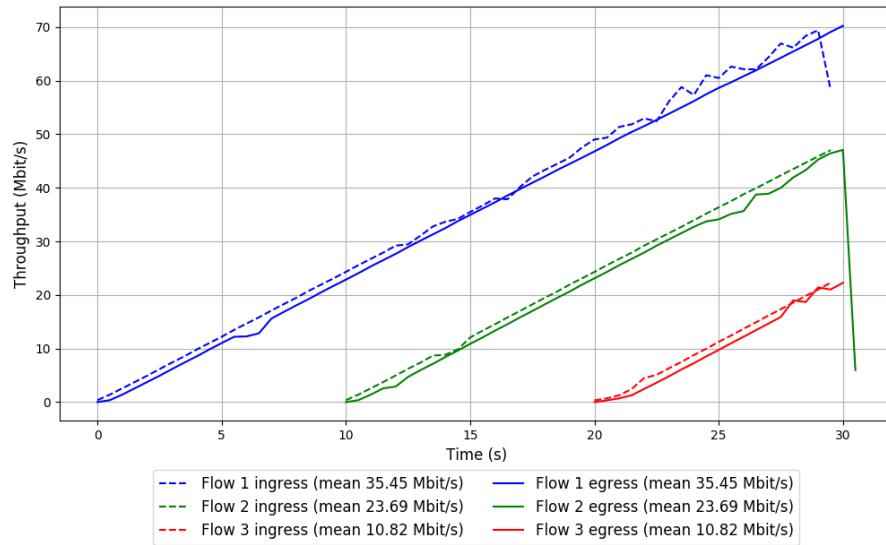


Run 2: Statistics of LEDBAT

```
Start at: 2018-07-26 19:01:21
End at: 2018-07-26 19:01:51
Local clock offset: -0.117 ms
Remote clock offset: -0.002 ms

# Below is generated by plot.py at 2018-07-27 00:27:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 54.74 Mbit/s
95th percentile per-packet one-way delay: 51.047 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 35.45 Mbit/s
95th percentile per-packet one-way delay: 51.111 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 23.69 Mbit/s
95th percentile per-packet one-way delay: 50.831 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 10.82 Mbit/s
95th percentile per-packet one-way delay: 50.689 ms
Loss rate: 0.00%
```

Run 2: Report of LEDBAT — Data Link

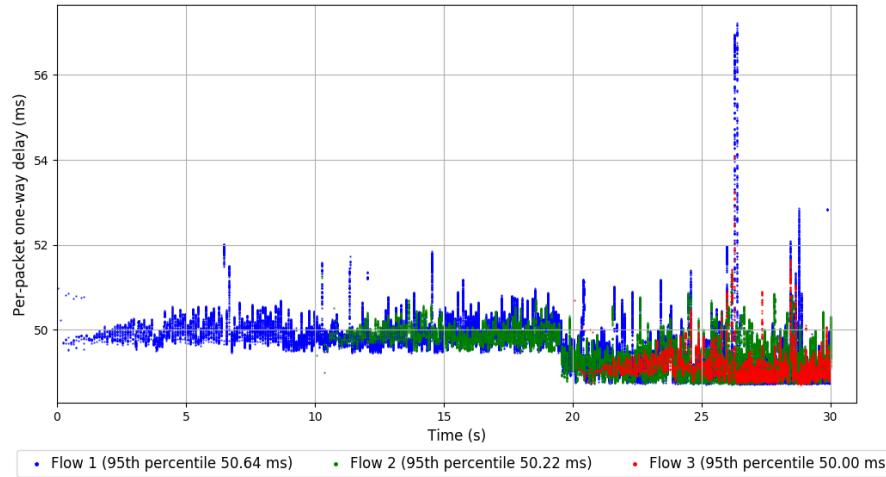
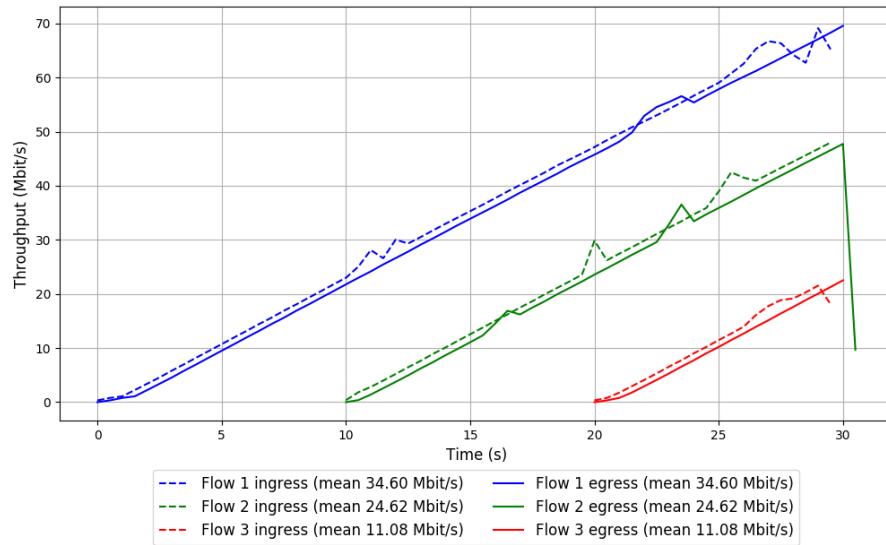


Run 3: Statistics of LEDBAT

```
Start at: 2018-07-26 19:26:32
End at: 2018-07-26 19:27:02
Local clock offset: -0.099 ms
Remote clock offset: -0.085 ms

# Below is generated by plot.py at 2018-07-27 00:27:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 54.59 Mbit/s
95th percentile per-packet one-way delay: 50.509 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.60 Mbit/s
95th percentile per-packet one-way delay: 50.641 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.62 Mbit/s
95th percentile per-packet one-way delay: 50.221 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 11.08 Mbit/s
95th percentile per-packet one-way delay: 50.002 ms
Loss rate: 0.00%
```

Run 3: Report of LEDBAT — Data Link

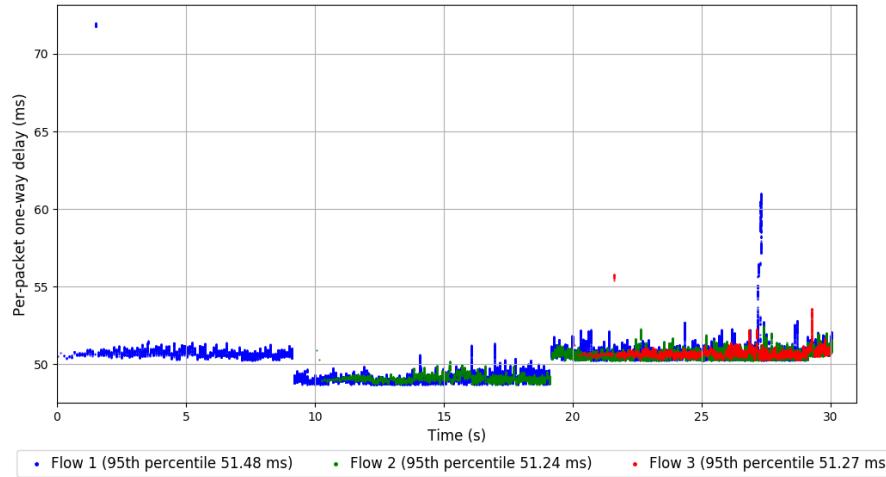
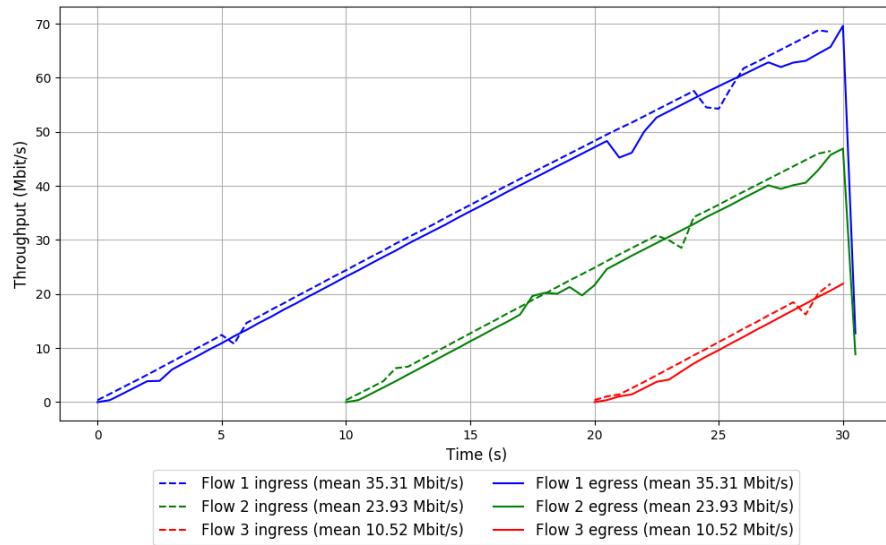


Run 4: Statistics of LEDBAT

```
Start at: 2018-07-26 19:51:42
End at: 2018-07-26 19:52:12
Local clock offset: -0.089 ms
Remote clock offset: -0.2 ms

# Below is generated by plot.py at 2018-07-27 00:27:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 54.72 Mbit/s
95th percentile per-packet one-way delay: 51.386 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 35.31 Mbit/s
95th percentile per-packet one-way delay: 51.480 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 23.93 Mbit/s
95th percentile per-packet one-way delay: 51.244 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 10.52 Mbit/s
95th percentile per-packet one-way delay: 51.266 ms
Loss rate: 0.00%
```

Run 4: Report of LEDBAT — Data Link

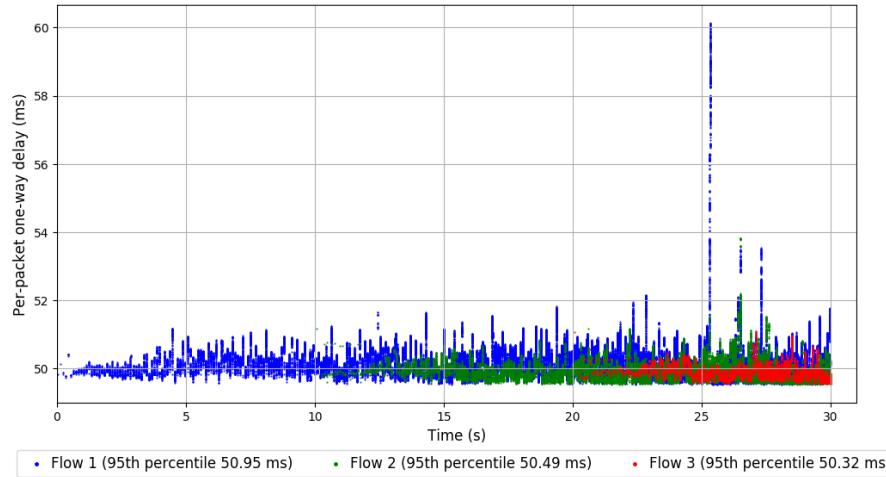
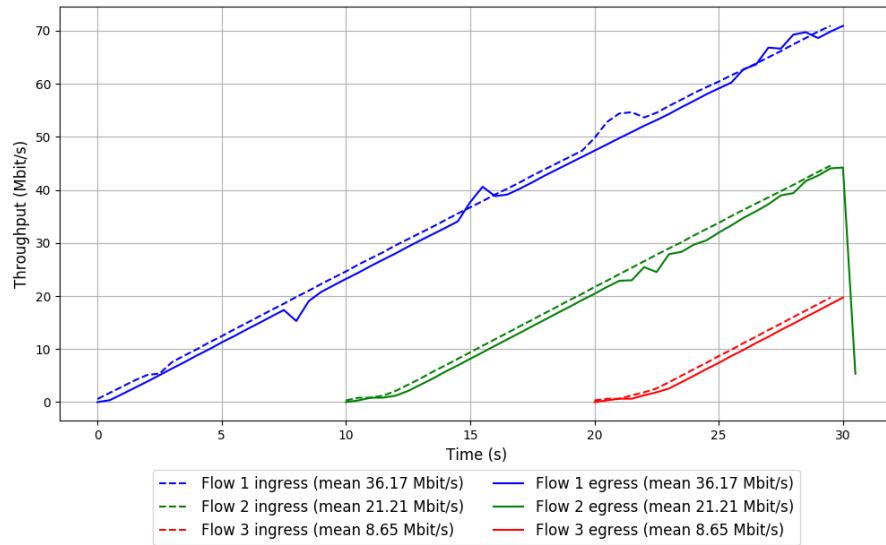


Run 5: Statistics of LEDBAT

```
Start at: 2018-07-26 20:16:38
End at: 2018-07-26 20:17:08
Local clock offset: 0.067 ms
Remote clock offset: -0.146 ms

# Below is generated by plot.py at 2018-07-27 00:27:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.12 Mbit/s
95th percentile per-packet one-way delay: 50.863 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 36.17 Mbit/s
95th percentile per-packet one-way delay: 50.952 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 21.21 Mbit/s
95th percentile per-packet one-way delay: 50.495 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 8.65 Mbit/s
95th percentile per-packet one-way delay: 50.322 ms
Loss rate: 0.00%
```

Run 5: Report of LEDBAT — Data Link

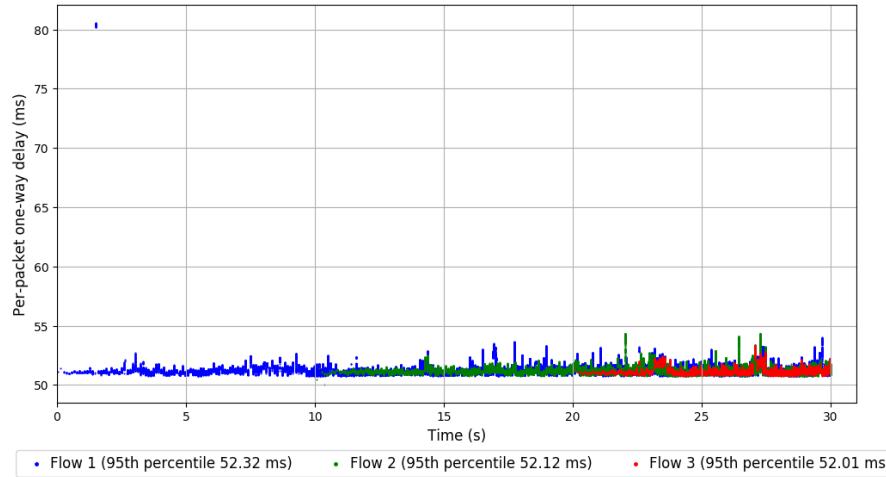
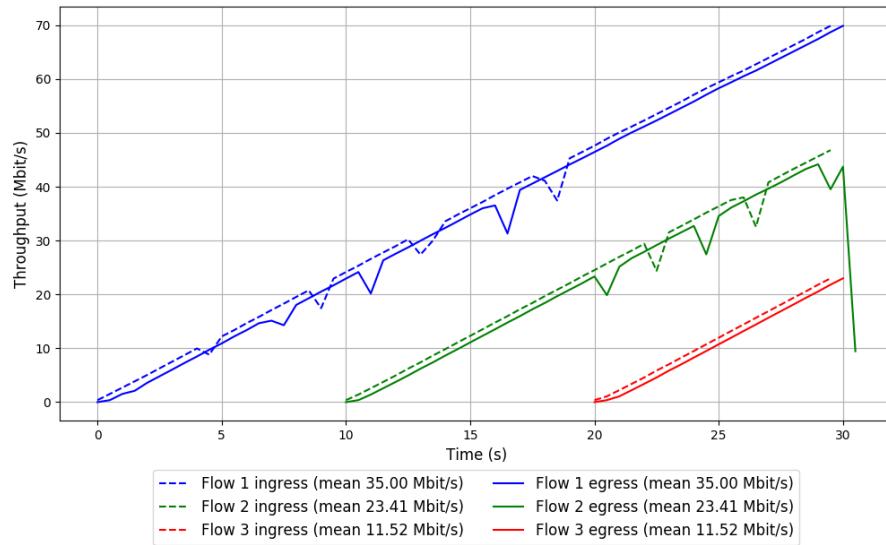


Run 6: Statistics of LEDBAT

```
Start at: 2018-07-26 20:41:31
End at: 2018-07-26 20:42:01
Local clock offset: -0.314 ms
Remote clock offset: -0.147 ms

# Below is generated by plot.py at 2018-07-27 00:27:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 54.35 Mbit/s
95th percentile per-packet one-way delay: 52.248 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 35.00 Mbit/s
95th percentile per-packet one-way delay: 52.324 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 23.41 Mbit/s
95th percentile per-packet one-way delay: 52.120 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 11.52 Mbit/s
95th percentile per-packet one-way delay: 52.005 ms
Loss rate: 0.00%
```

Run 6: Report of LEDBAT — Data Link

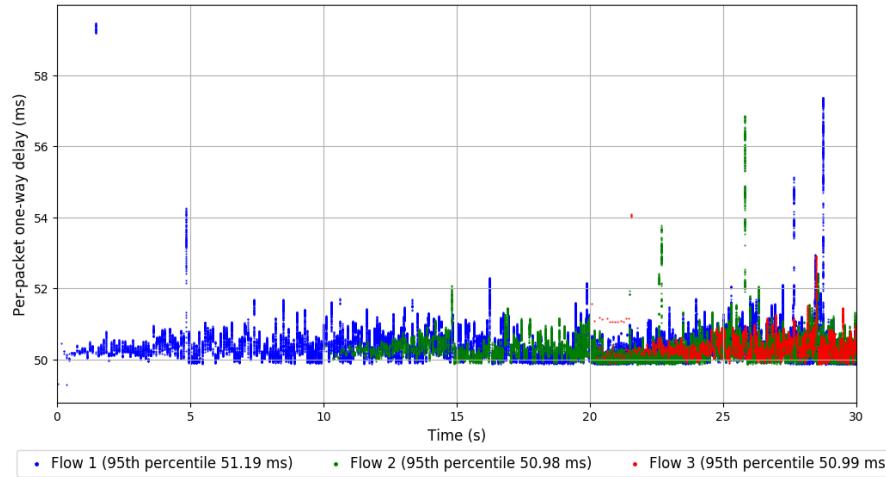
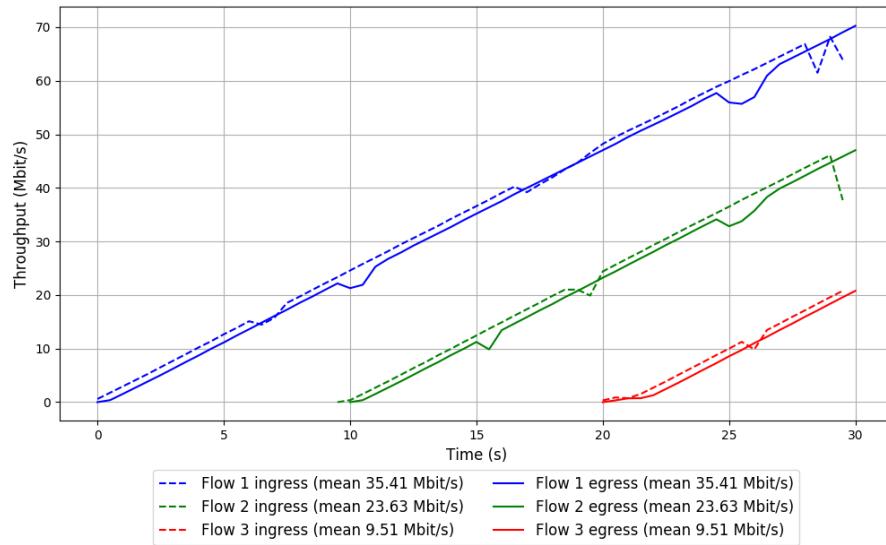


Run 7: Statistics of LEDBAT

```
Start at: 2018-07-26 21:06:16
End at: 2018-07-26 21:06:46
Local clock offset: -0.289 ms
Remote clock offset: -0.068 ms

# Below is generated by plot.py at 2018-07-27 00:27:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 54.25 Mbit/s
95th percentile per-packet one-way delay: 51.126 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 35.41 Mbit/s
95th percentile per-packet one-way delay: 51.189 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 23.63 Mbit/s
95th percentile per-packet one-way delay: 50.975 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 9.51 Mbit/s
95th percentile per-packet one-way delay: 50.988 ms
Loss rate: 0.00%
```

Run 7: Report of LEDBAT — Data Link

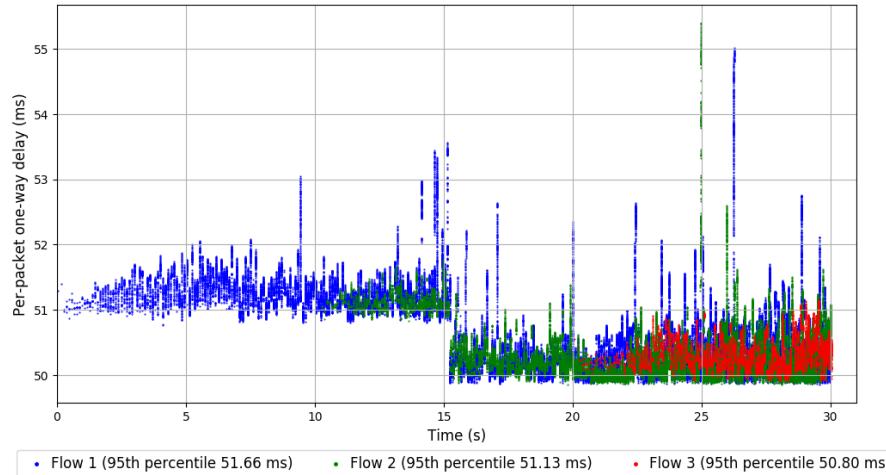
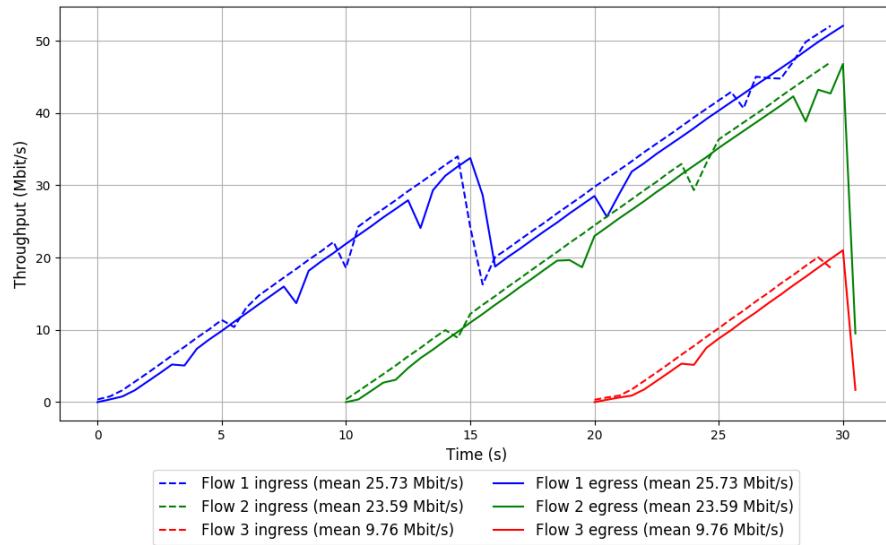


Run 8: Statistics of LEDBAT

```
Start at: 2018-07-26 21:31:16
End at: 2018-07-26 21:31:46
Local clock offset: -0.268 ms
Remote clock offset: -0.04 ms

# Below is generated by plot.py at 2018-07-27 00:27:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 44.61 Mbit/s
95th percentile per-packet one-way delay: 51.496 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 25.73 Mbit/s
95th percentile per-packet one-way delay: 51.656 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 23.59 Mbit/s
95th percentile per-packet one-way delay: 51.129 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 9.76 Mbit/s
95th percentile per-packet one-way delay: 50.797 ms
Loss rate: 0.00%
```

Run 8: Report of LEDBAT — Data Link

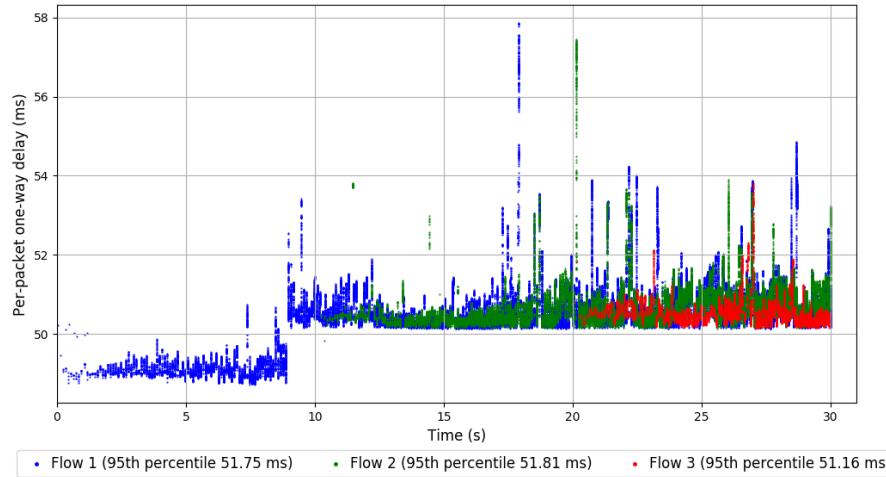
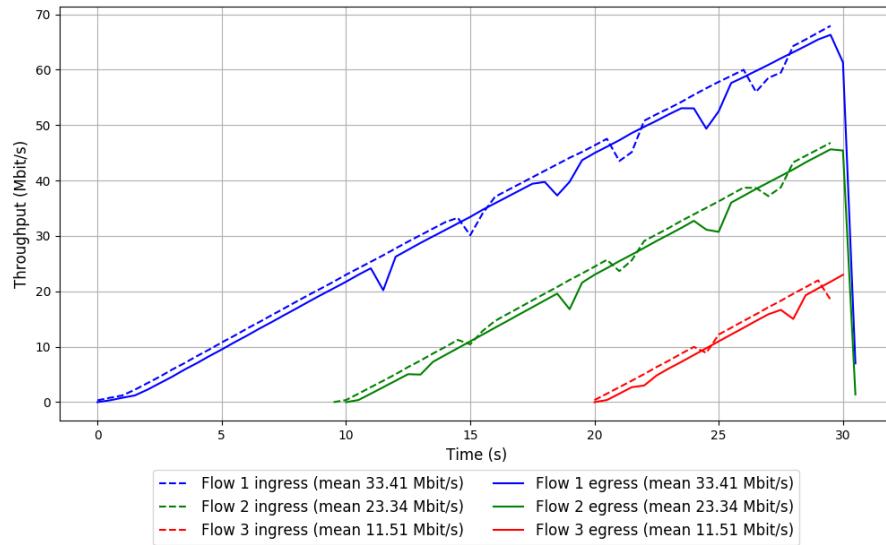


Run 9: Statistics of LEDBAT

```
Start at: 2018-07-26 21:56:13
End at: 2018-07-26 21:56:43
Local clock offset: -0.055 ms
Remote clock offset: -0.091 ms

# Below is generated by plot.py at 2018-07-27 00:27:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 52.74 Mbit/s
95th percentile per-packet one-way delay: 51.735 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 33.41 Mbit/s
95th percentile per-packet one-way delay: 51.749 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 23.34 Mbit/s
95th percentile per-packet one-way delay: 51.806 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 11.51 Mbit/s
95th percentile per-packet one-way delay: 51.156 ms
Loss rate: 0.00%
```

Run 9: Report of LEDBAT — Data Link

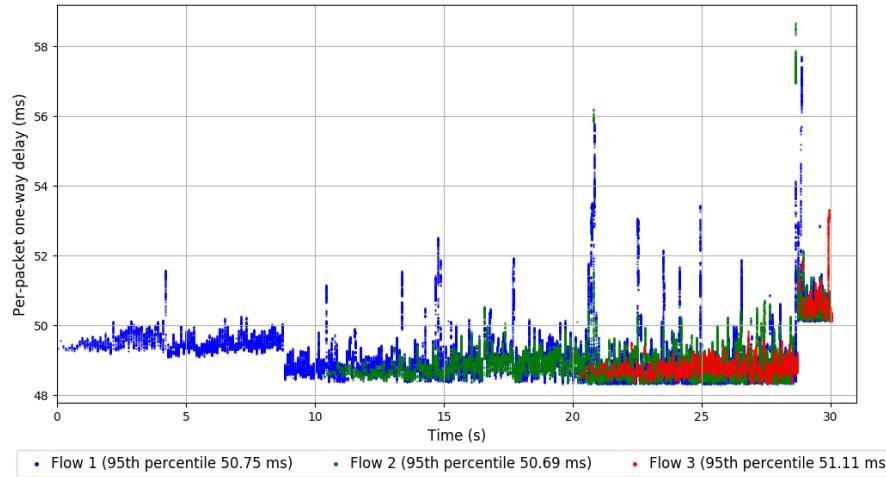
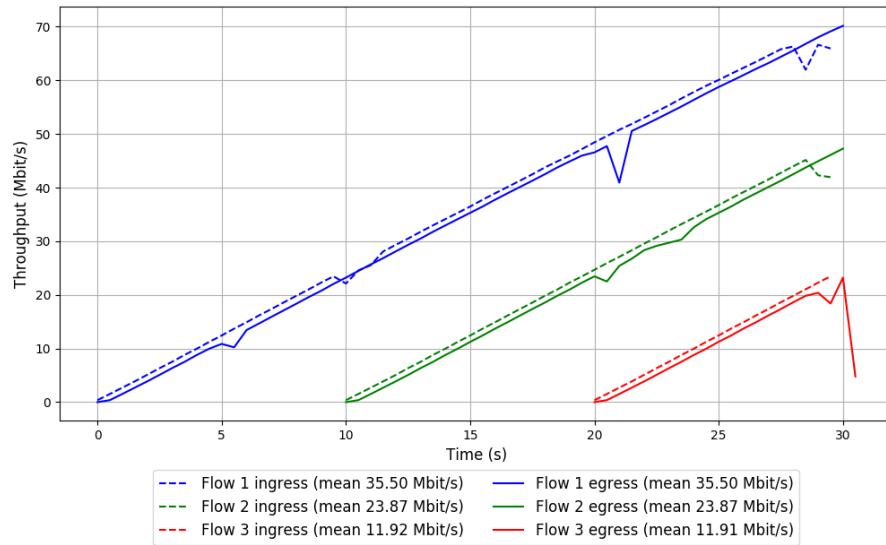


Run 10: Statistics of LEDBAT

```
Start at: 2018-07-26 22:21:03
End at: 2018-07-26 22:21:33
Local clock offset: 0.193 ms
Remote clock offset: -0.088 ms

# Below is generated by plot.py at 2018-07-27 00:27:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 55.26 Mbit/s
95th percentile per-packet one-way delay: 50.779 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 35.50 Mbit/s
95th percentile per-packet one-way delay: 50.750 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 23.87 Mbit/s
95th percentile per-packet one-way delay: 50.692 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 11.91 Mbit/s
95th percentile per-packet one-way delay: 51.112 ms
Loss rate: 0.00%
```

Run 10: Report of LEDBAT — Data Link

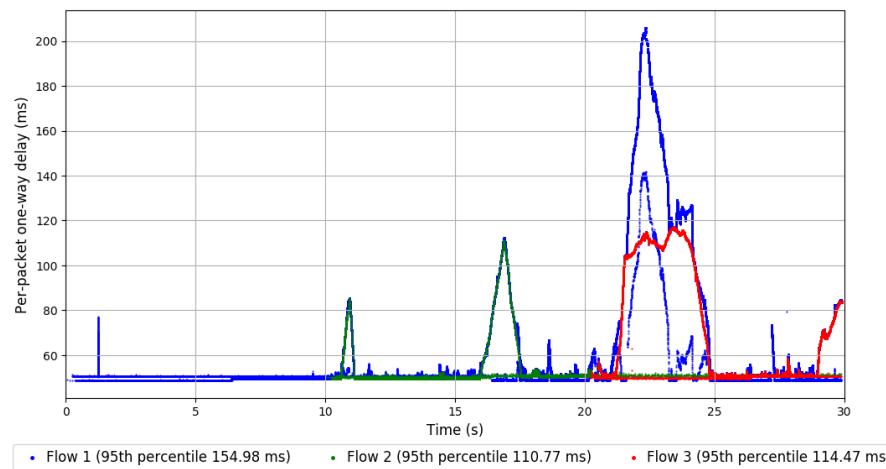
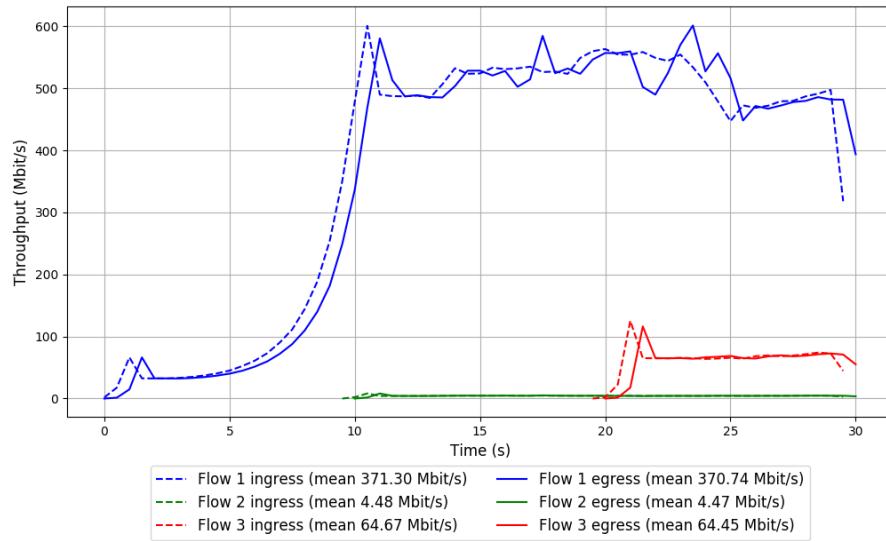


```
Run 1: Statistics of PCC-Allegro
```

```
Start at: 2018-07-26 18:31:25
End at: 2018-07-26 18:31:55
Local clock offset: -0.053 ms
Remote clock offset: 0.007 ms

# Below is generated by plot.py at 2018-07-27 00:29:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 395.03 Mbit/s
95th percentile per-packet one-way delay: 152.000 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 370.74 Mbit/s
95th percentile per-packet one-way delay: 154.977 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 4.47 Mbit/s
95th percentile per-packet one-way delay: 110.765 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 64.45 Mbit/s
95th percentile per-packet one-way delay: 114.469 ms
Loss rate: 0.00%
```

Run 1: Report of PCC-Allegro — Data Link

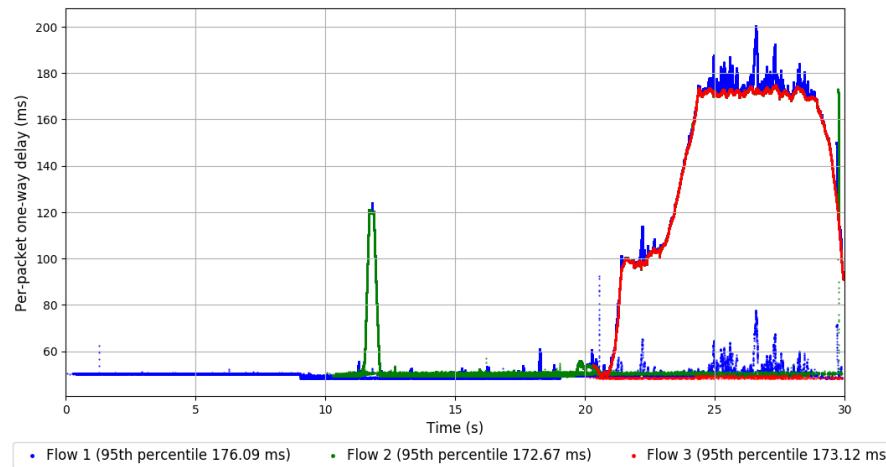
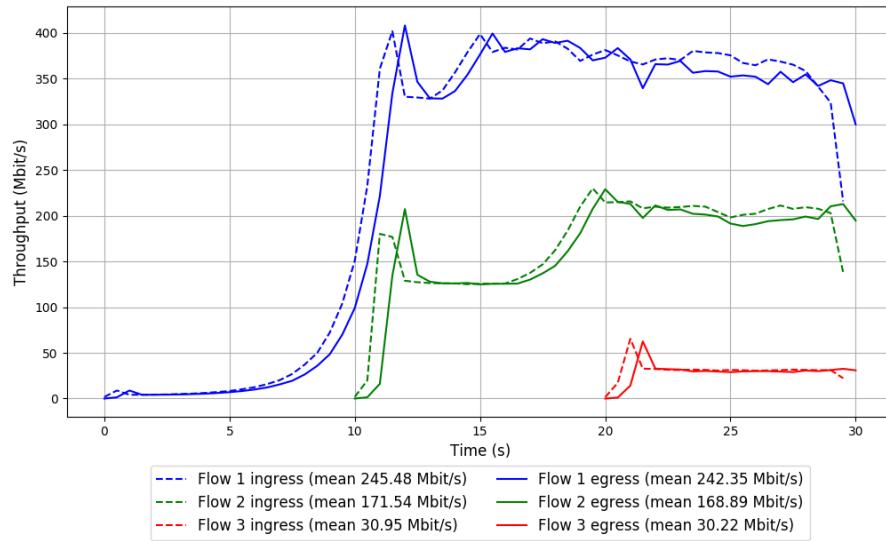


Run 2: Statistics of PCC-Allegro

```
Start at: 2018-07-26 18:56:22
End at: 2018-07-26 18:56:52
Local clock offset: 0.291 ms
Remote clock offset: -0.004 ms

# Below is generated by plot.py at 2018-07-27 00:29:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 364.61 Mbit/s
95th percentile per-packet one-way delay: 174.322 ms
Loss rate: 1.24%
-- Flow 1:
Average throughput: 242.35 Mbit/s
95th percentile per-packet one-way delay: 176.093 ms
Loss rate: 1.17%
-- Flow 2:
Average throughput: 168.89 Mbit/s
95th percentile per-packet one-way delay: 172.669 ms
Loss rate: 1.35%
-- Flow 3:
Average throughput: 30.22 Mbit/s
95th percentile per-packet one-way delay: 173.117 ms
Loss rate: 1.94%
```

Run 2: Report of PCC-Allegro — Data Link

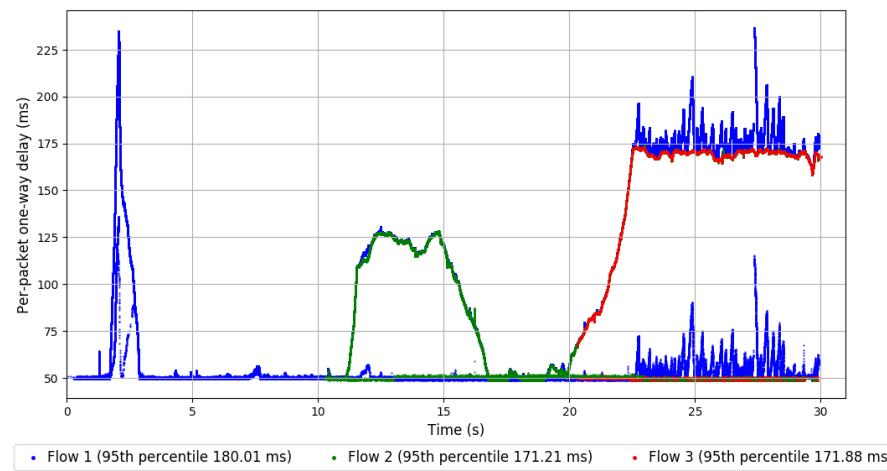
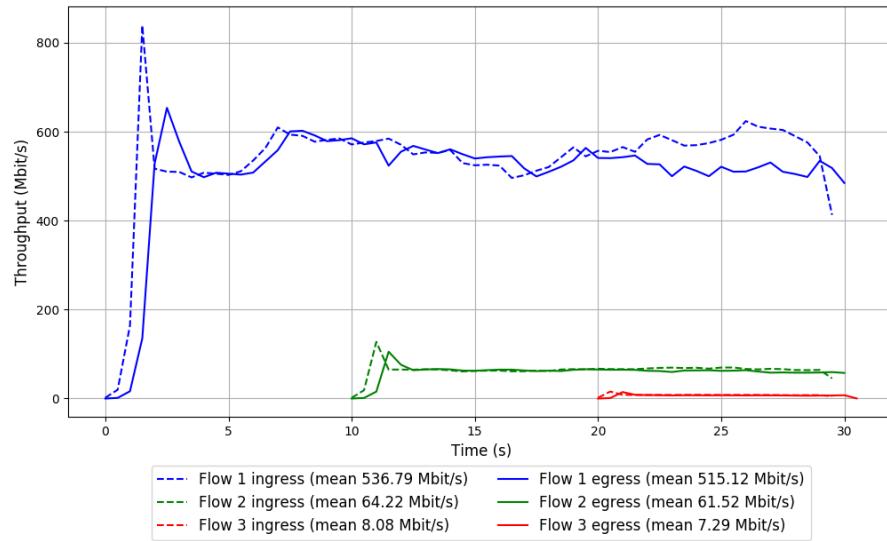


Run 3: Statistics of PCC-Allegro

```
Start at: 2018-07-26 19:21:18
End at: 2018-07-26 19:21:48
Local clock offset: -0.067 ms
Remote clock offset: -0.054 ms

# Below is generated by plot.py at 2018-07-27 00:33:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 557.38 Mbit/s
95th percentile per-packet one-way delay: 179.335 ms
Loss rate: 3.89%
-- Flow 1:
Average throughput: 515.12 Mbit/s
95th percentile per-packet one-way delay: 180.007 ms
Loss rate: 3.86%
-- Flow 2:
Average throughput: 61.52 Mbit/s
95th percentile per-packet one-way delay: 171.209 ms
Loss rate: 3.93%
-- Flow 3:
Average throughput: 7.29 Mbit/s
95th percentile per-packet one-way delay: 171.876 ms
Loss rate: 8.62%
```

Run 3: Report of PCC-Allegro — Data Link

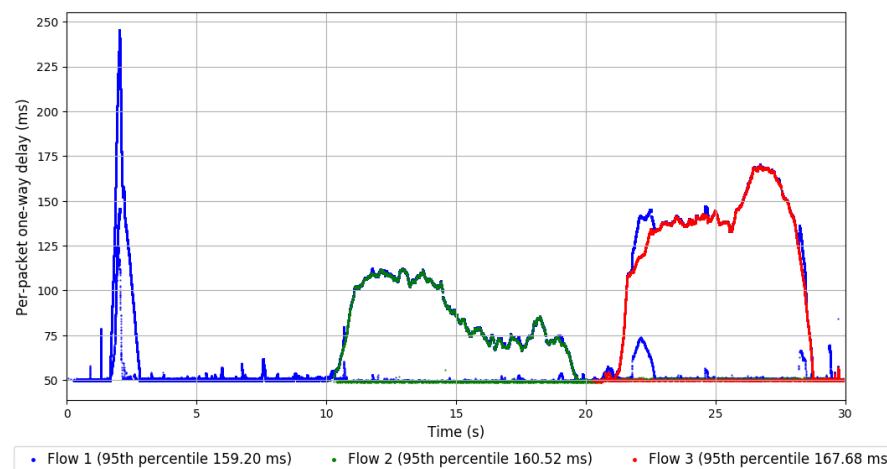
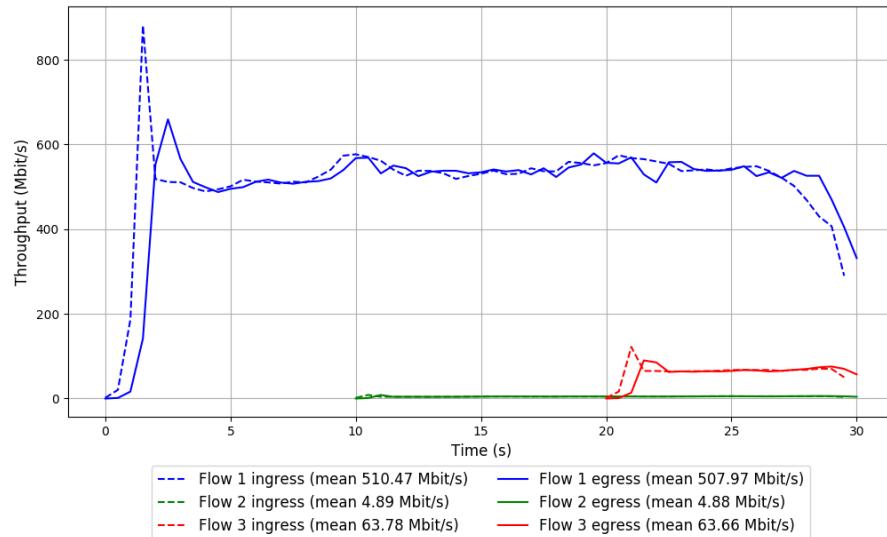


Run 4: Statistics of PCC-Allegro

```
Start at: 2018-07-26 19:46:31
End at: 2018-07-26 19:47:01
Local clock offset: -0.093 ms
Remote clock offset: -0.149 ms

# Below is generated by plot.py at 2018-07-27 00:33:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 532.18 Mbit/s
95th percentile per-packet one-way delay: 160.765 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 507.97 Mbit/s
95th percentile per-packet one-way delay: 159.202 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 4.88 Mbit/s
95th percentile per-packet one-way delay: 160.516 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 63.66 Mbit/s
95th percentile per-packet one-way delay: 167.681 ms
Loss rate: 0.18%
```

Run 4: Report of PCC-Allegro — Data Link

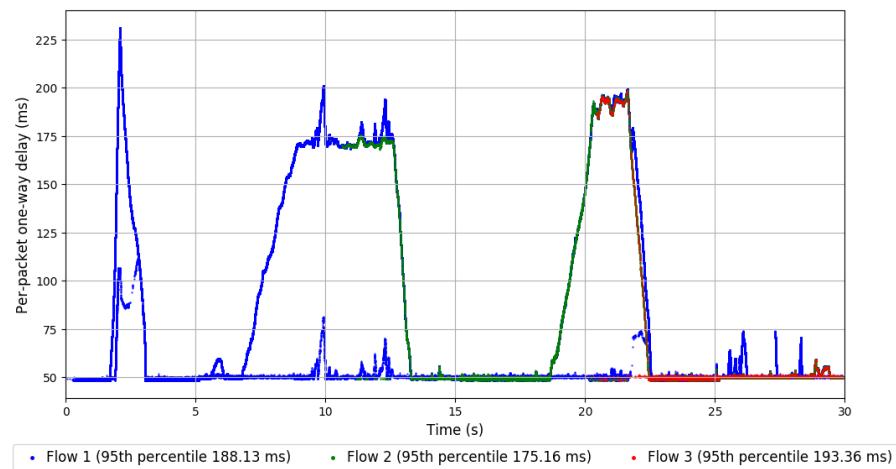
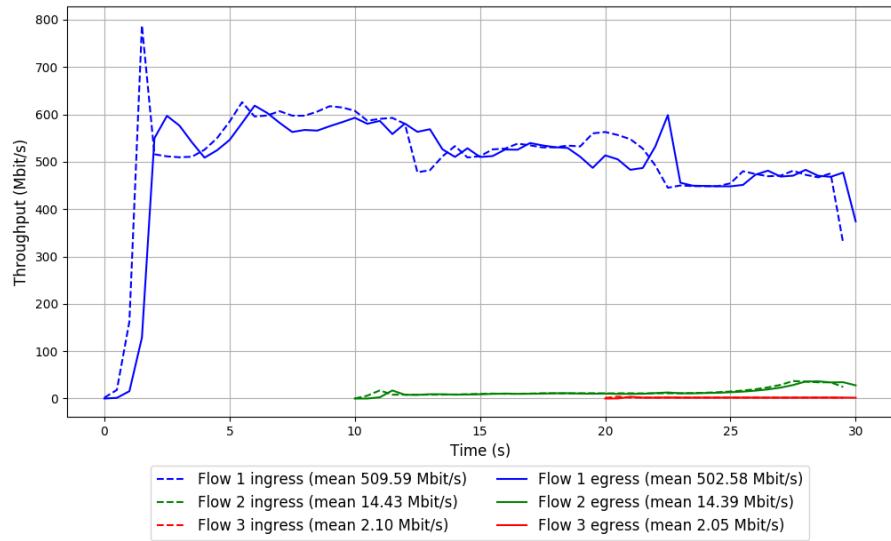


Run 5: Statistics of PCC-Allegro

```
Start at: 2018-07-26 20:11:46
End at: 2018-07-26 20:12:16
Local clock offset: 0.406 ms
Remote clock offset: -0.135 ms

# Below is generated by plot.py at 2018-07-27 00:34:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 512.76 Mbit/s
95th percentile per-packet one-way delay: 188.076 ms
Loss rate: 1.37%
-- Flow 1:
Average throughput: 502.58 Mbit/s
95th percentile per-packet one-way delay: 188.132 ms
Loss rate: 1.37%
-- Flow 2:
Average throughput: 14.39 Mbit/s
95th percentile per-packet one-way delay: 175.160 ms
Loss rate: 0.88%
-- Flow 3:
Average throughput: 2.05 Mbit/s
95th percentile per-packet one-way delay: 193.360 ms
Loss rate: 2.56%
```

Run 5: Report of PCC-Allegro — Data Link

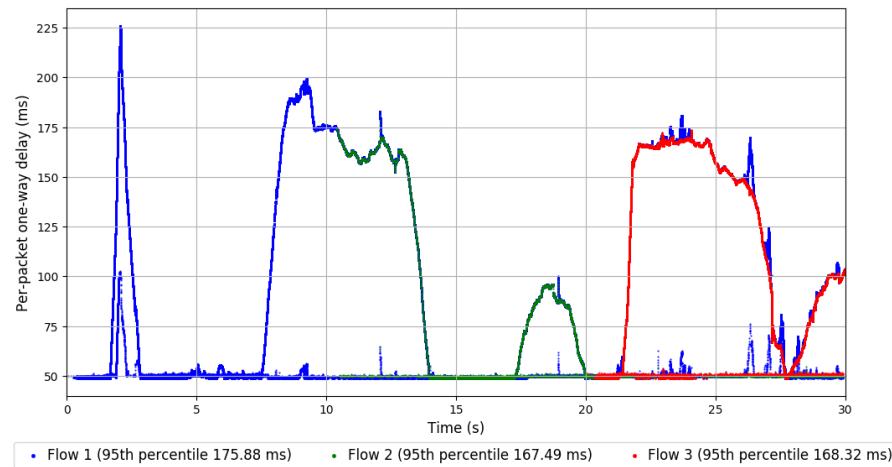
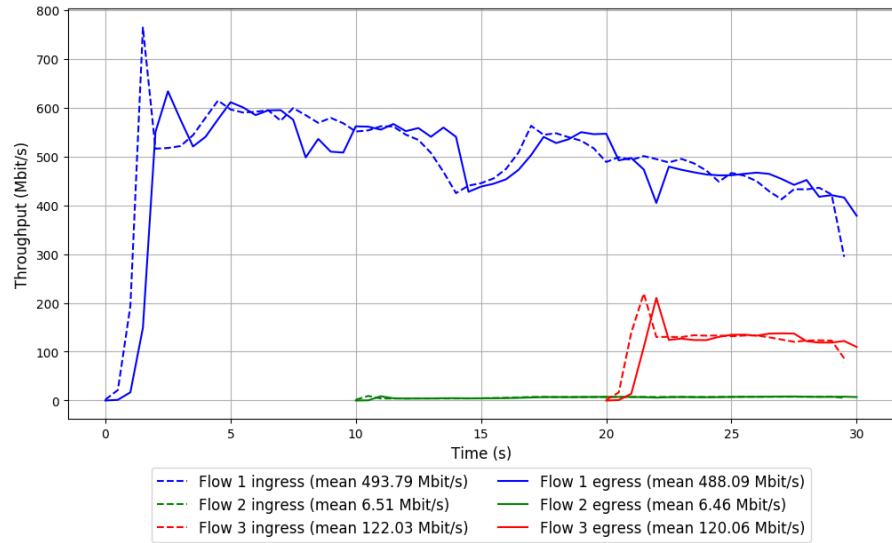


Run 6: Statistics of PCC-Allegro

```
Start at: 2018-07-26 20:36:24
End at: 2018-07-26 20:36:54
Local clock offset: 0.016 ms
Remote clock offset: -0.116 ms

# Below is generated by plot.py at 2018-07-27 00:35:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 531.98 Mbit/s
95th percentile per-packet one-way delay: 175.437 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 488.09 Mbit/s
95th percentile per-packet one-way delay: 175.882 ms
Loss rate: 0.98%
-- Flow 2:
Average throughput: 6.46 Mbit/s
95th percentile per-packet one-way delay: 167.488 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 120.06 Mbit/s
95th percentile per-packet one-way delay: 168.318 ms
Loss rate: 1.11%
```

Run 6: Report of PCC-Allegro — Data Link

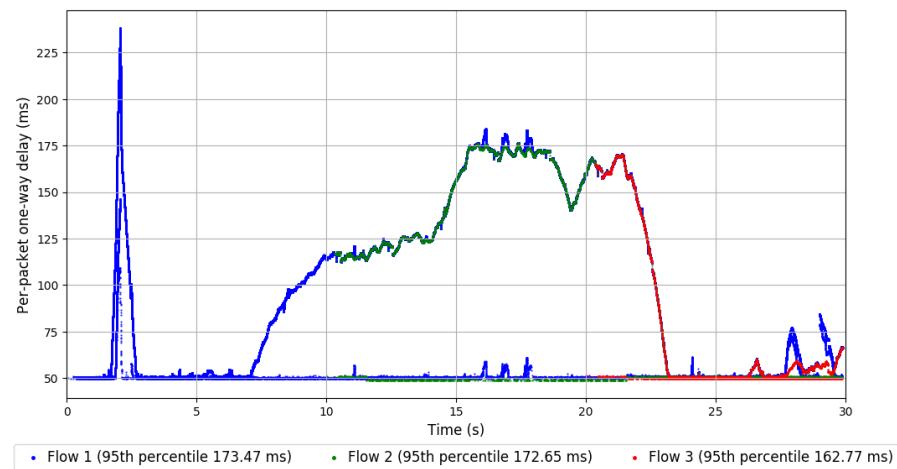
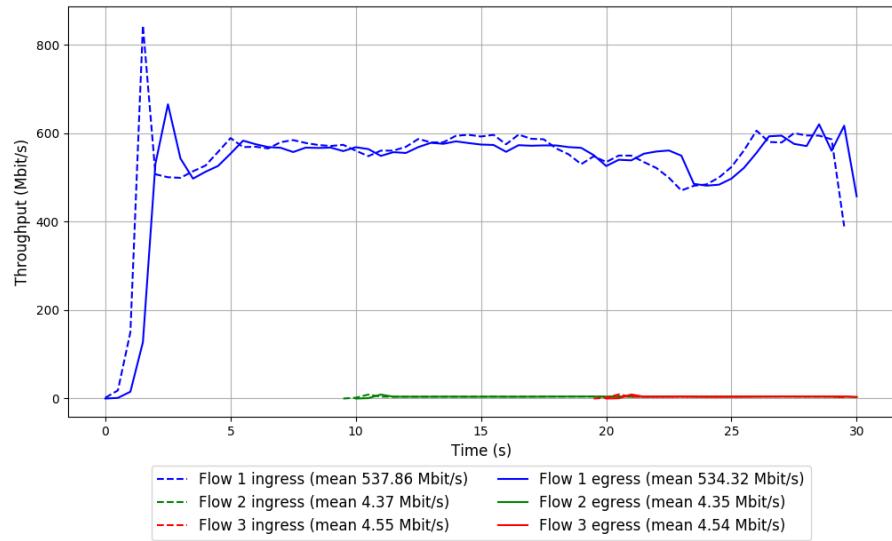


Run 7: Statistics of PCC-Allegro

```
Start at: 2018-07-26 21:01:10
End at: 2018-07-26 21:01:40
Local clock offset: 0.117 ms
Remote clock offset: -0.076 ms

# Below is generated by plot.py at 2018-07-27 00:36:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 538.71 Mbit/s
95th percentile per-packet one-way delay: 173.456 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 534.32 Mbit/s
95th percentile per-packet one-way delay: 173.471 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 4.35 Mbit/s
95th percentile per-packet one-way delay: 172.649 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 4.54 Mbit/s
95th percentile per-packet one-way delay: 162.770 ms
Loss rate: 0.00%
```

Run 7: Report of PCC-Allegro — Data Link

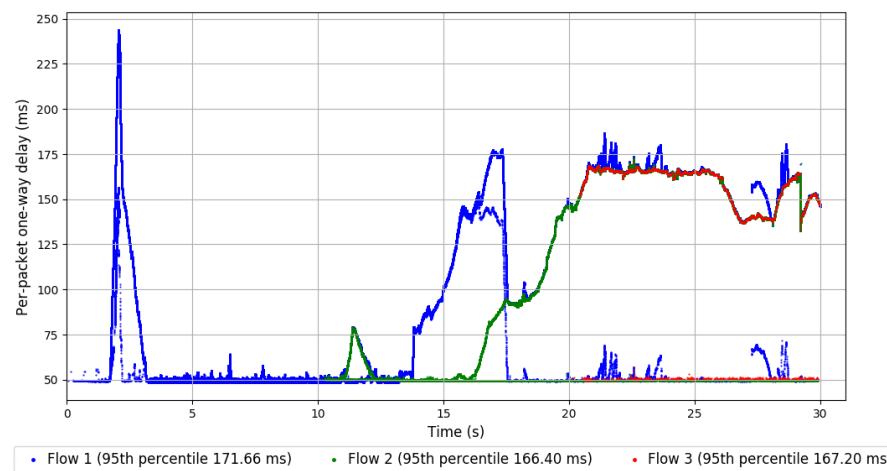
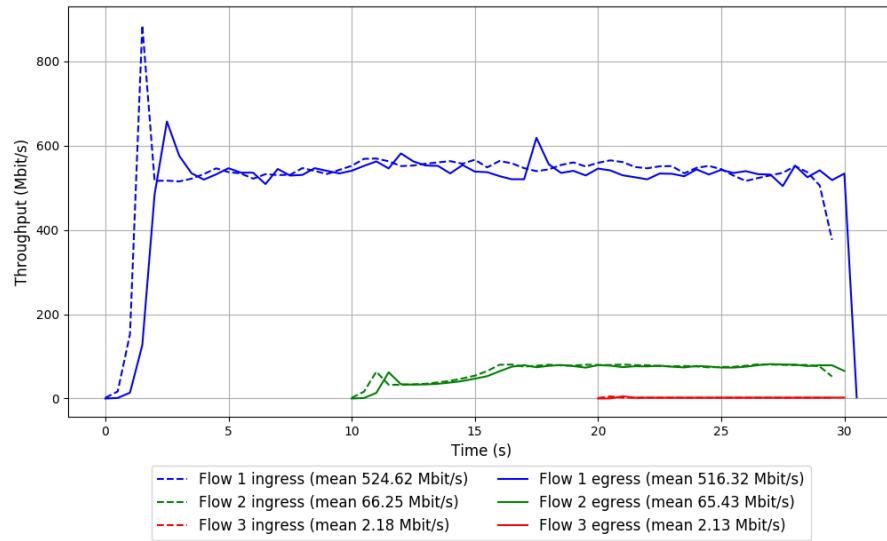


Run 8: Statistics of PCC-Allegro

```
Start at: 2018-07-26 21:26:08
End at: 2018-07-26 21:26:38
Local clock offset: 0.468 ms
Remote clock offset: -0.053 ms

# Below is generated by plot.py at 2018-07-27 00:37:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 560.45 Mbit/s
95th percentile per-packet one-way delay: 170.775 ms
Loss rate: 1.25%
-- Flow 1:
Average throughput: 516.32 Mbit/s
95th percentile per-packet one-way delay: 171.656 ms
Loss rate: 1.26%
-- Flow 2:
Average throughput: 65.43 Mbit/s
95th percentile per-packet one-way delay: 166.395 ms
Loss rate: 1.07%
-- Flow 3:
Average throughput: 2.13 Mbit/s
95th percentile per-packet one-way delay: 167.204 ms
Loss rate: 1.29%
```

Run 8: Report of PCC-Allegro — Data Link

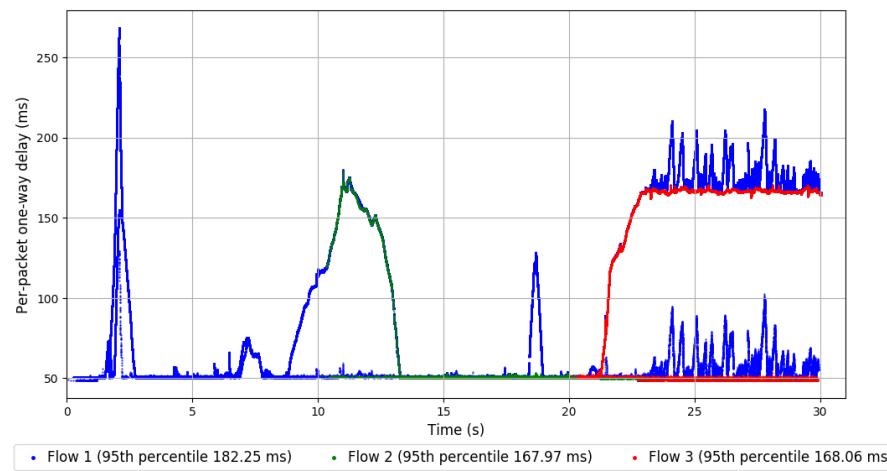
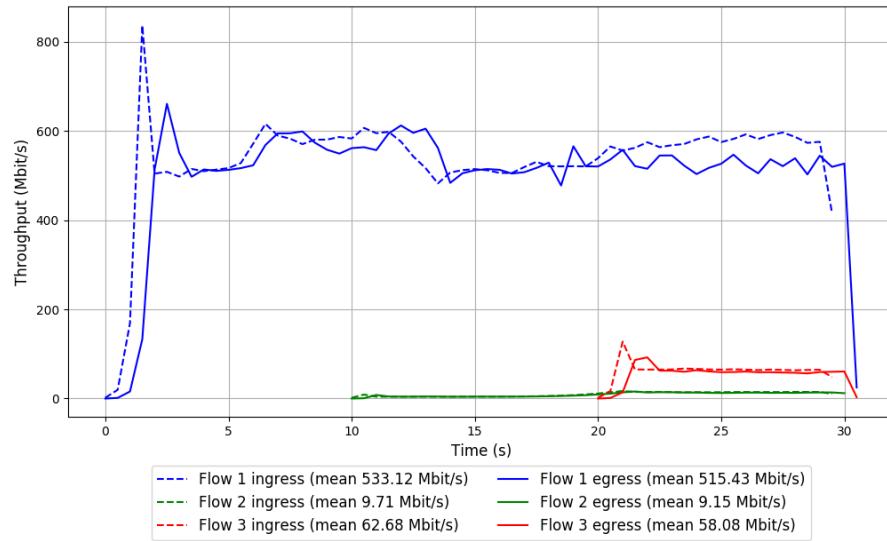


Run 9: Statistics of PCC-Allegro

```
Start at: 2018-07-26 21:51:10
End at: 2018-07-26 21:51:40
Local clock offset: -0.061 ms
Remote clock offset: -0.061 ms

# Below is generated by plot.py at 2018-07-27 00:39:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 540.79 Mbit/s
95th percentile per-packet one-way delay: 181.503 ms
Loss rate: 3.10%
-- Flow 1:
Average throughput: 515.43 Mbit/s
95th percentile per-packet one-way delay: 182.245 ms
Loss rate: 2.95%
-- Flow 2:
Average throughput: 9.15 Mbit/s
95th percentile per-packet one-way delay: 167.975 ms
Loss rate: 5.56%
-- Flow 3:
Average throughput: 58.08 Mbit/s
95th percentile per-packet one-way delay: 168.055 ms
Loss rate: 6.29%
```

Run 9: Report of PCC-Allegro — Data Link

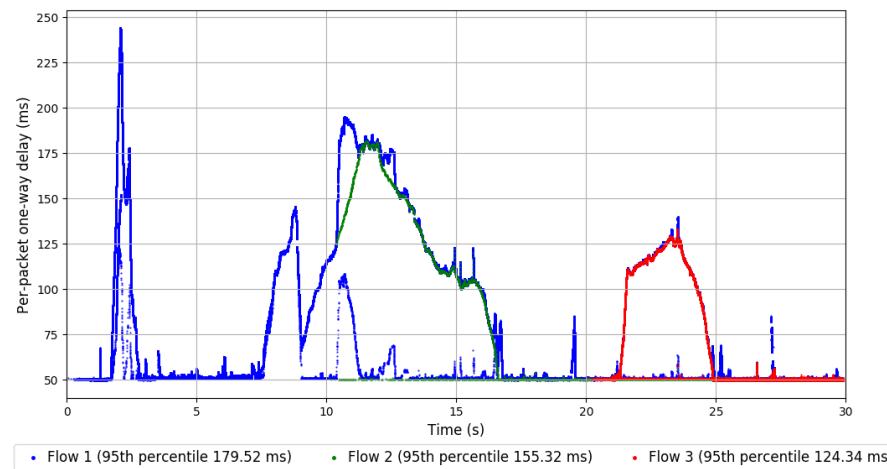
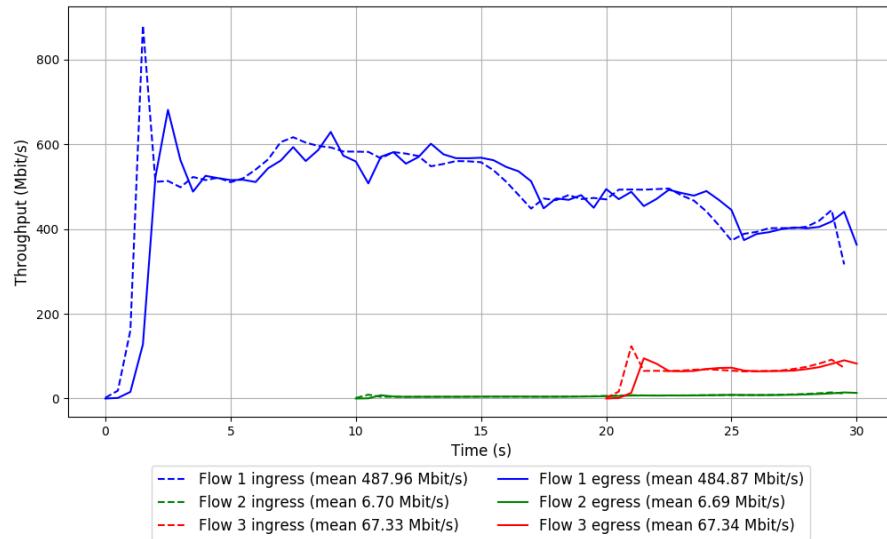


Run 10: Statistics of PCC-Allegro

```
Start at: 2018-07-26 22:15:58
End at: 2018-07-26 22:16:28
Local clock offset: -0.529 ms
Remote clock offset: -0.055 ms

# Below is generated by plot.py at 2018-07-27 00:39:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 511.49 Mbit/s
95th percentile per-packet one-way delay: 179.290 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 484.87 Mbit/s
95th percentile per-packet one-way delay: 179.524 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 6.69 Mbit/s
95th percentile per-packet one-way delay: 155.318 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 67.34 Mbit/s
95th percentile per-packet one-way delay: 124.341 ms
Loss rate: 0.00%
```

Run 10: Report of PCC-Allegro — Data Link

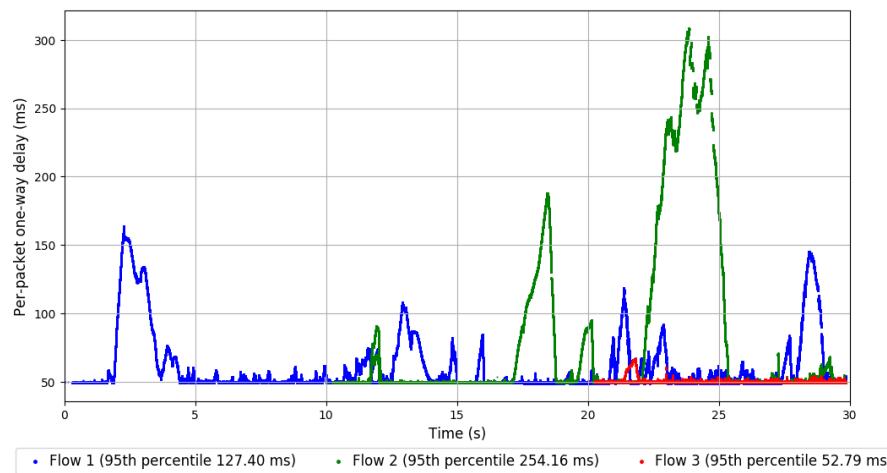
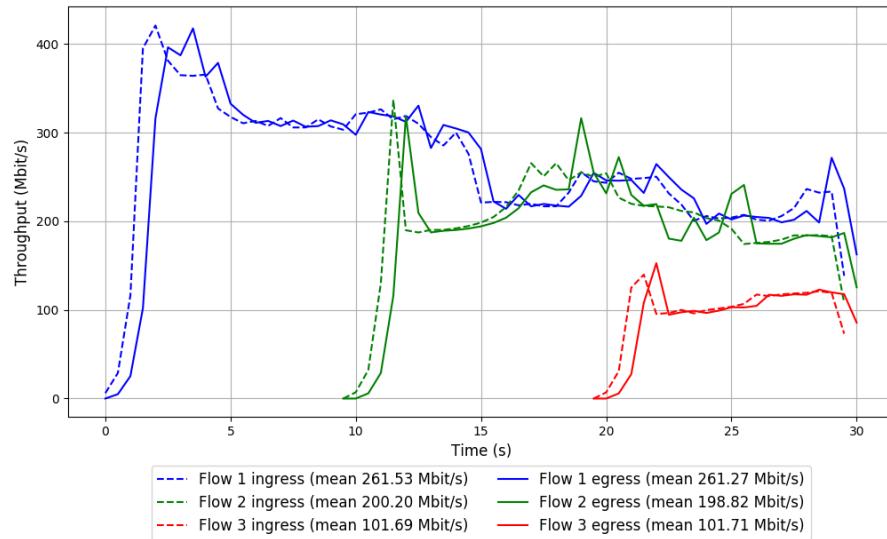


```
Run 1: Statistics of PCC-Expr
```

```
Start at: 2018-07-26 18:23:14
End at: 2018-07-26 18:23:44
Local clock offset: -0.043 ms
Remote clock offset: 0.005 ms

# Below is generated by plot.py at 2018-07-27 00:46:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 427.42 Mbit/s
95th percentile per-packet one-way delay: 154.761 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 261.27 Mbit/s
95th percentile per-packet one-way delay: 127.398 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 198.82 Mbit/s
95th percentile per-packet one-way delay: 254.160 ms
Loss rate: 0.69%
-- Flow 3:
Average throughput: 101.71 Mbit/s
95th percentile per-packet one-way delay: 52.787 ms
Loss rate: 0.00%
```

Run 1: Report of PCC-Expr — Data Link

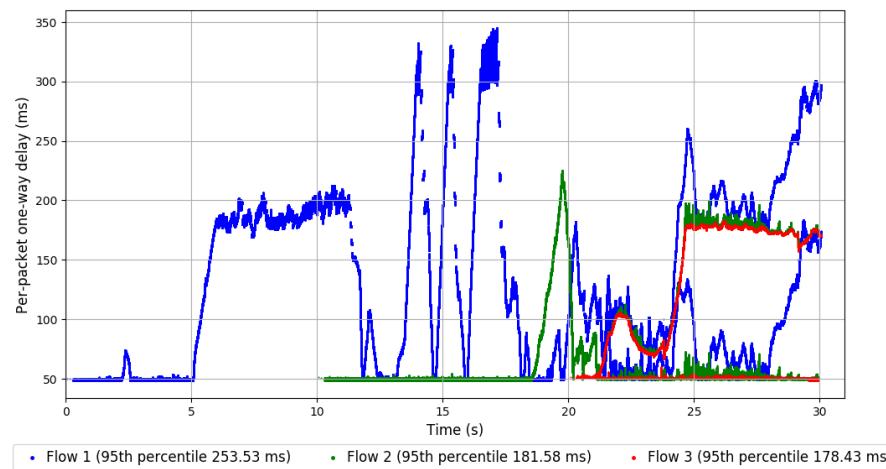
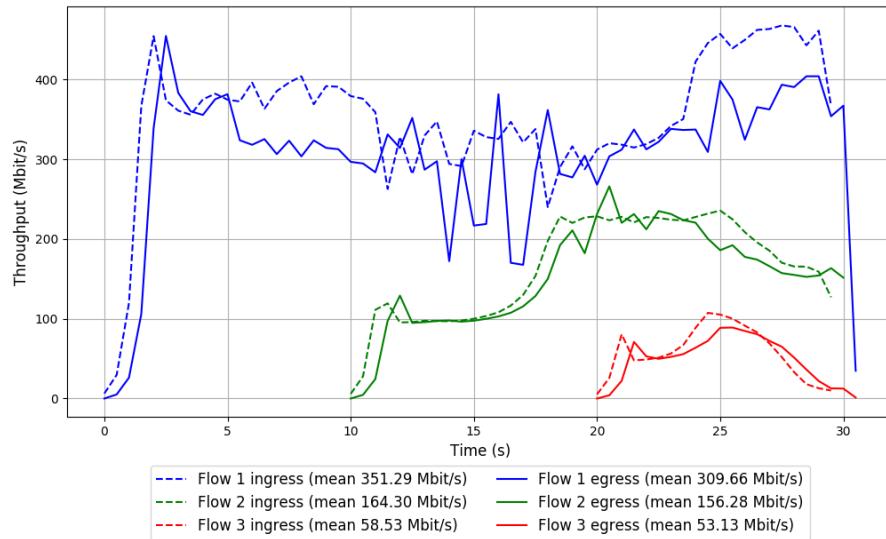


Run 2: Statistics of PCC-Expr

```
Start at: 2018-07-26 18:48:22
End at: 2018-07-26 18:48:52
Local clock offset: -0.111 ms
Remote clock offset: 0.007 ms

# Below is generated by plot.py at 2018-07-27 00:48:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 431.11 Mbit/s
95th percentile per-packet one-way delay: 223.190 ms
Loss rate: 9.79%
-- Flow 1:
Average throughput: 309.66 Mbit/s
95th percentile per-packet one-way delay: 253.529 ms
Loss rate: 11.50%
-- Flow 2:
Average throughput: 156.28 Mbit/s
95th percentile per-packet one-way delay: 181.579 ms
Loss rate: 4.62%
-- Flow 3:
Average throughput: 53.13 Mbit/s
95th percentile per-packet one-way delay: 178.428 ms
Loss rate: 8.12%
```

Run 2: Report of PCC-Expr — Data Link

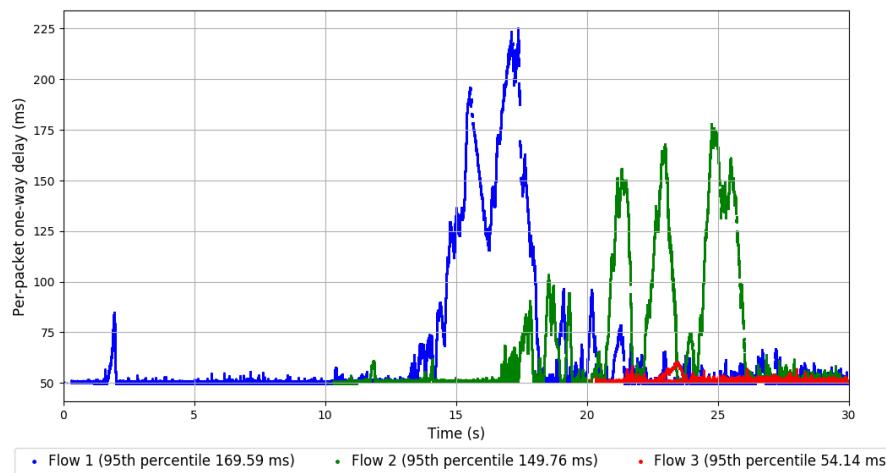
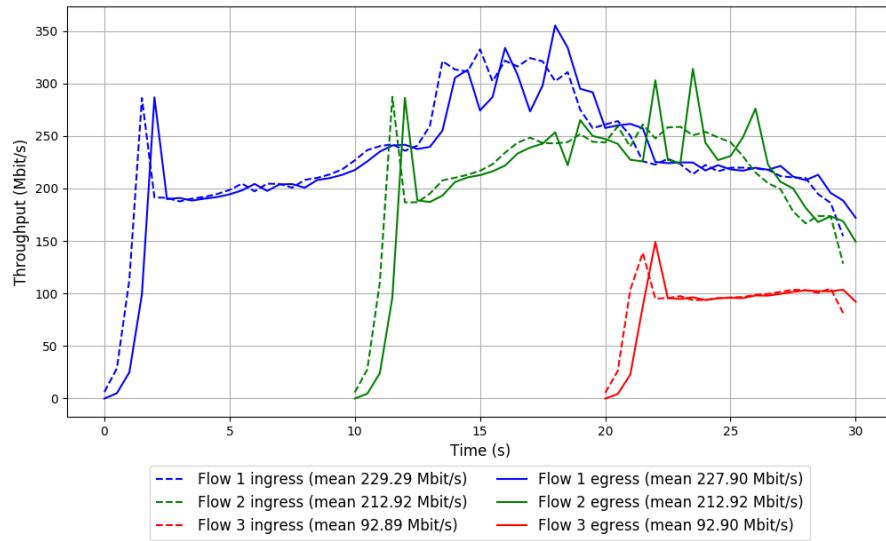


Run 3: Statistics of PCC-Expr

```
Start at: 2018-07-26 19:13:10
End at: 2018-07-26 19:13:40
Local clock offset: -0.466 ms
Remote clock offset: -0.035 ms

# Below is generated by plot.py at 2018-07-27 00:48:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 400.09 Mbit/s
95th percentile per-packet one-way delay: 155.200 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 227.90 Mbit/s
95th percentile per-packet one-way delay: 169.587 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 212.92 Mbit/s
95th percentile per-packet one-way delay: 149.761 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 92.90 Mbit/s
95th percentile per-packet one-way delay: 54.139 ms
Loss rate: 0.00%
```

Run 3: Report of PCC-Expr — Data Link

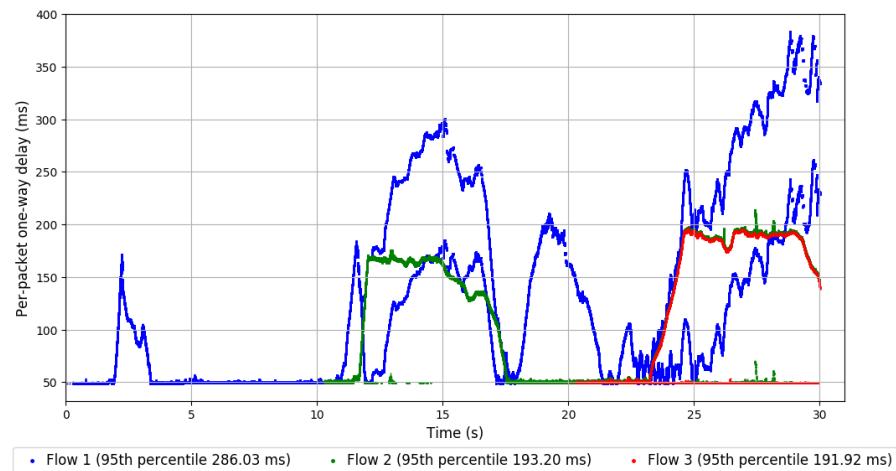
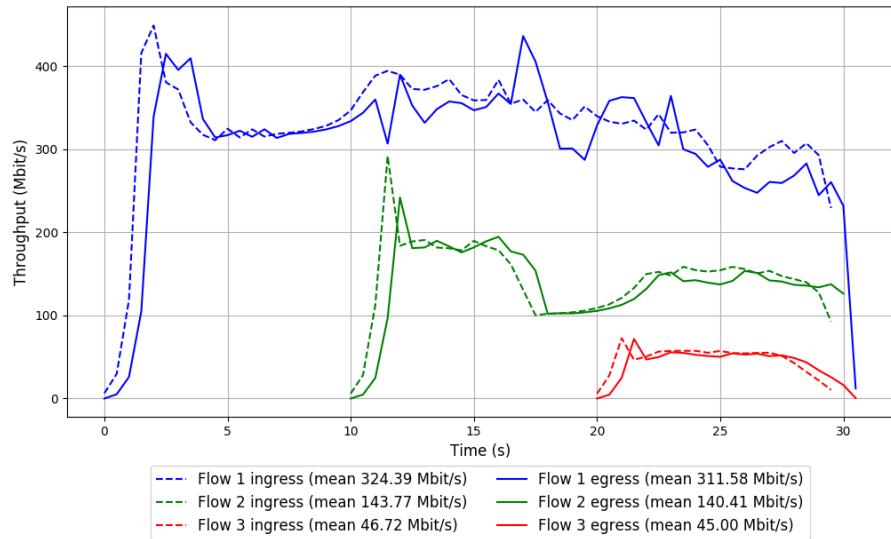


Run 4: Statistics of PCC-Expr

```
Start at: 2018-07-26 19:38:17
End at: 2018-07-26 19:38:47
Local clock offset: -0.065 ms
Remote clock offset: -0.136 ms

# Below is generated by plot.py at 2018-07-27 00:50:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 419.86 Mbit/s
95th percentile per-packet one-way delay: 270.148 ms
Loss rate: 3.28%
-- Flow 1:
Average throughput: 311.58 Mbit/s
95th percentile per-packet one-way delay: 286.030 ms
Loss rate: 3.65%
-- Flow 2:
Average throughput: 140.41 Mbit/s
95th percentile per-packet one-way delay: 193.196 ms
Loss rate: 2.09%
-- Flow 3:
Average throughput: 45.00 Mbit/s
95th percentile per-packet one-way delay: 191.917 ms
Loss rate: 2.81%
```

Run 4: Report of PCC-Expr — Data Link

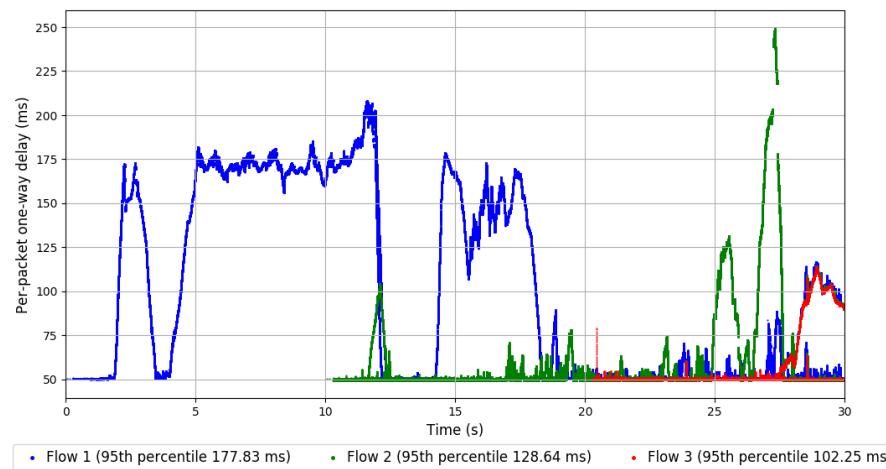
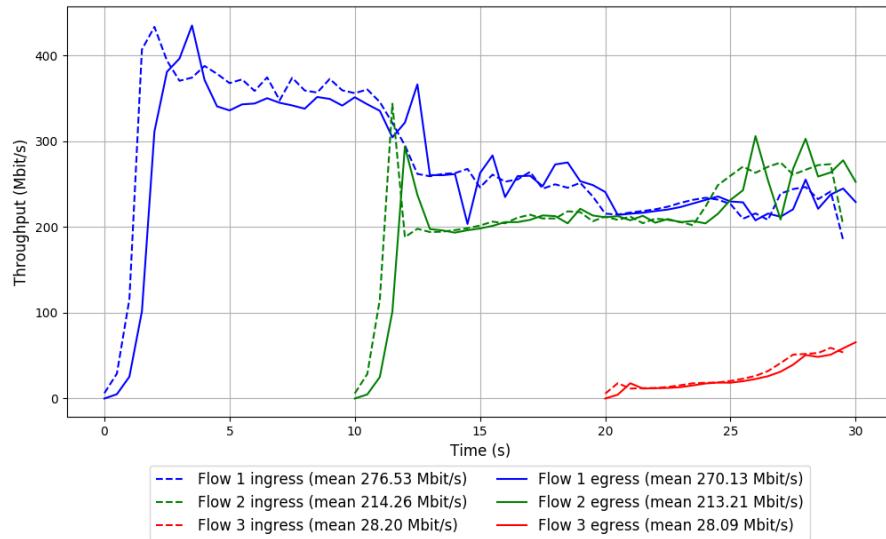


Run 5: Statistics of PCC-Expr

```
Start at: 2018-07-26 20:03:42
End at: 2018-07-26 20:04:12
Local clock offset: 0.337 ms
Remote clock offset: -0.137 ms

# Below is generated by plot.py at 2018-07-27 00:50:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 421.29 Mbit/s
95th percentile per-packet one-way delay: 176.455 ms
Loss rate: 1.51%
-- Flow 1:
Average throughput: 270.13 Mbit/s
95th percentile per-packet one-way delay: 177.829 ms
Loss rate: 2.19%
-- Flow 2:
Average throughput: 213.21 Mbit/s
95th percentile per-packet one-way delay: 128.639 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 28.09 Mbit/s
95th percentile per-packet one-way delay: 102.253 ms
Loss rate: 0.01%
```

Run 5: Report of PCC-Expr — Data Link

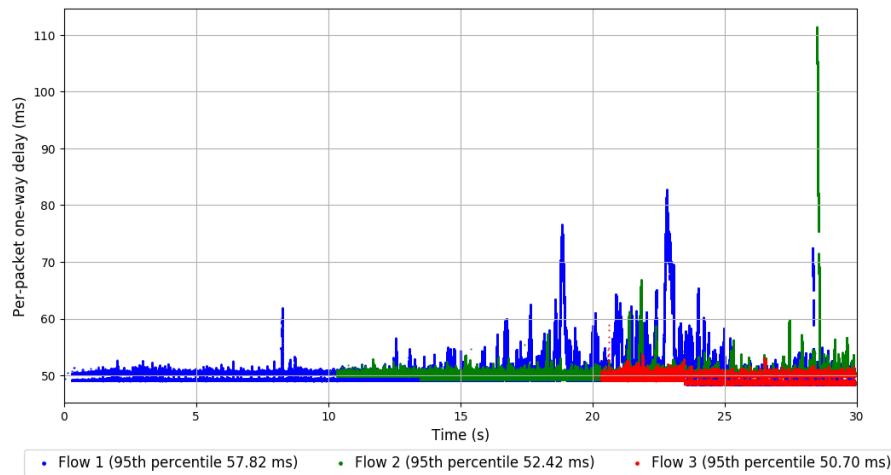
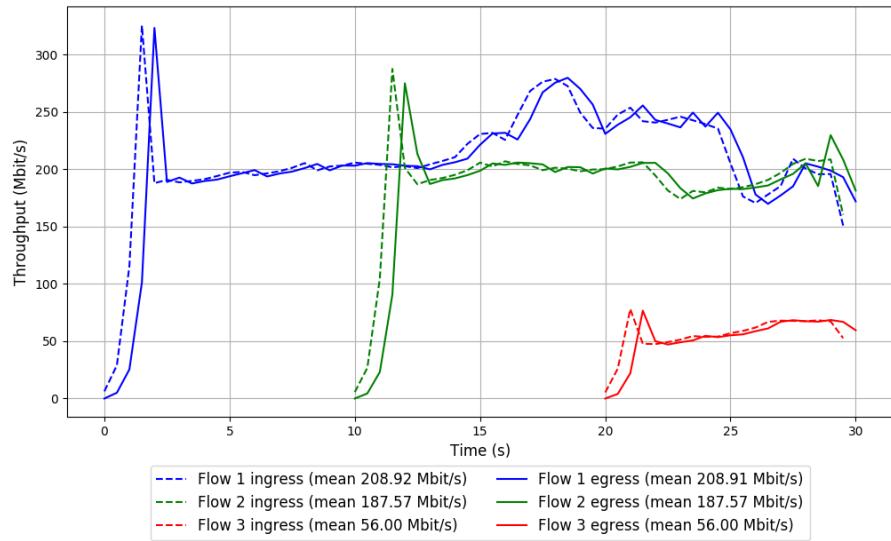


Run 6: Statistics of PCC-Expr

```
Start at: 2018-07-26 20:28:28
End at: 2018-07-26 20:28:58
Local clock offset: 0.381 ms
Remote clock offset: -0.138 ms

# Below is generated by plot.py at 2018-07-27 00:50:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 352.06 Mbit/s
95th percentile per-packet one-way delay: 55.907 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 208.91 Mbit/s
95th percentile per-packet one-way delay: 57.817 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 187.57 Mbit/s
95th percentile per-packet one-way delay: 52.418 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 56.00 Mbit/s
95th percentile per-packet one-way delay: 50.700 ms
Loss rate: 0.00%
```

Run 6: Report of PCC-Expr — Data Link

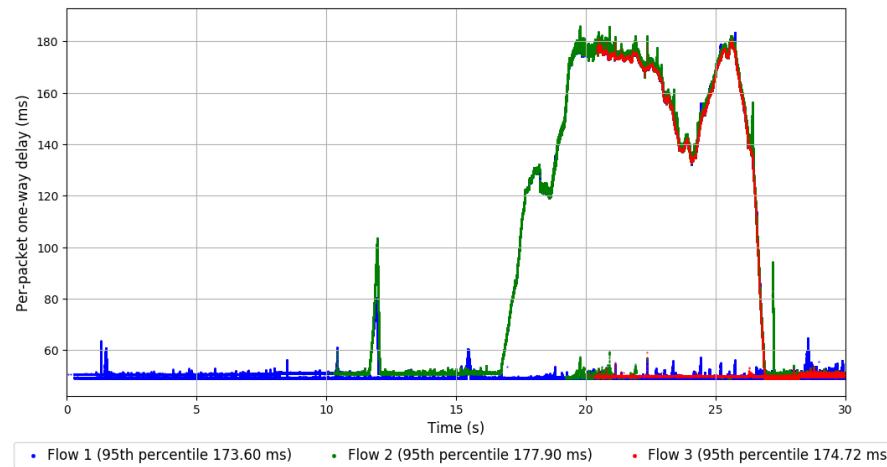
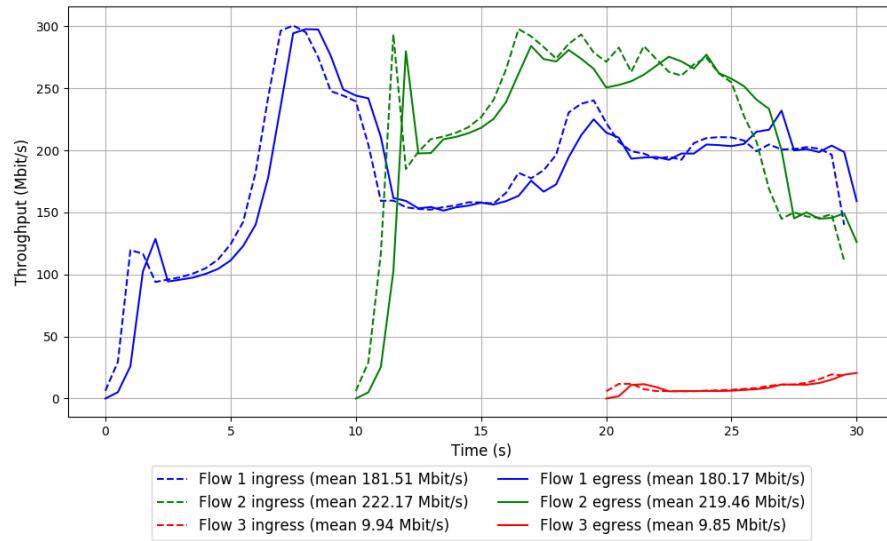


Run 7: Statistics of PCC-Expr

```
Start at: 2018-07-26 20:53:23
End at: 2018-07-26 20:53:53
Local clock offset: -0.291 ms
Remote clock offset: -0.134 ms

# Below is generated by plot.py at 2018-07-27 00:50:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 329.41 Mbit/s
95th percentile per-packet one-way delay: 176.393 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 180.17 Mbit/s
95th percentile per-packet one-way delay: 173.600 ms
Loss rate: 0.74%
-- Flow 2:
Average throughput: 219.46 Mbit/s
95th percentile per-packet one-way delay: 177.901 ms
Loss rate: 1.22%
-- Flow 3:
Average throughput: 9.85 Mbit/s
95th percentile per-packet one-way delay: 174.717 ms
Loss rate: 0.90%
```

Run 7: Report of PCC-Expr — Data Link

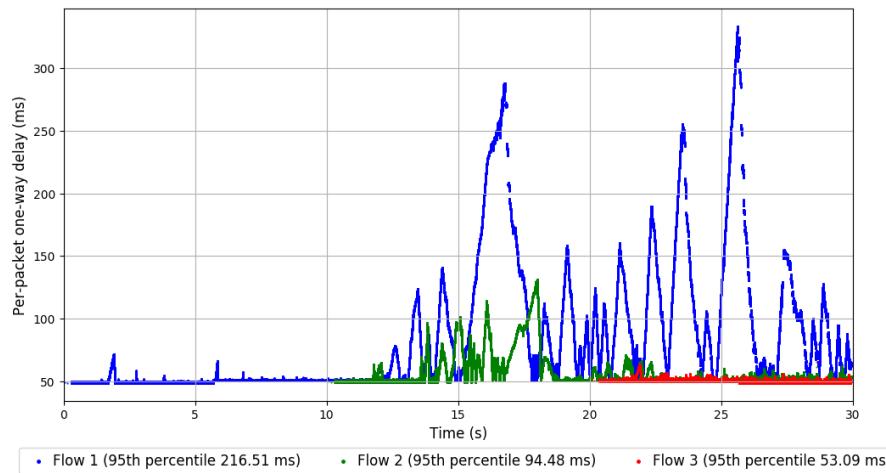
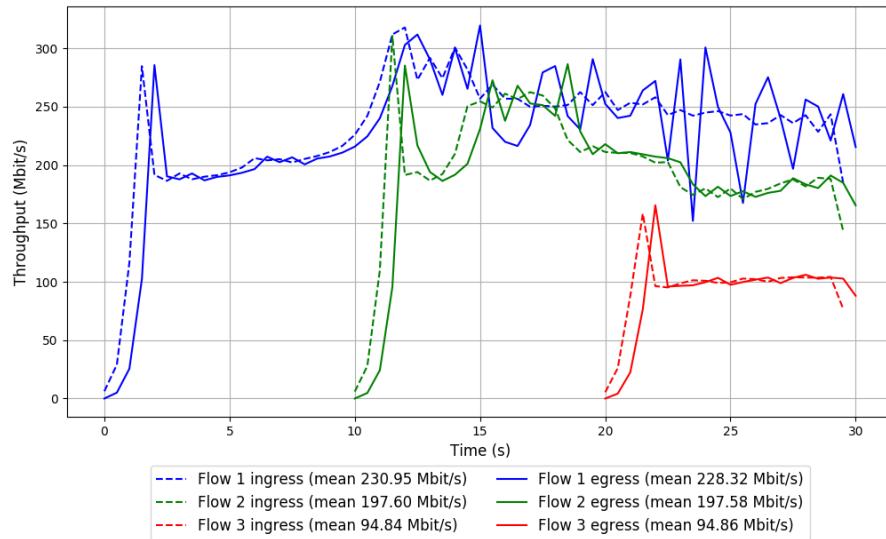


Run 8: Statistics of PCC-Expr

```
Start at: 2018-07-26 21:18:06
End at: 2018-07-26 21:18:36
Local clock offset: 0.061 ms
Remote clock offset: -0.048 ms

# Below is generated by plot.py at 2018-07-27 00:53:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 390.98 Mbit/s
95th percentile per-packet one-way delay: 170.527 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 228.32 Mbit/s
95th percentile per-packet one-way delay: 216.510 ms
Loss rate: 1.13%
-- Flow 2:
Average throughput: 197.58 Mbit/s
95th percentile per-packet one-way delay: 94.481 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 94.86 Mbit/s
95th percentile per-packet one-way delay: 53.090 ms
Loss rate: 0.00%
```

Run 8: Report of PCC-Expr — Data Link

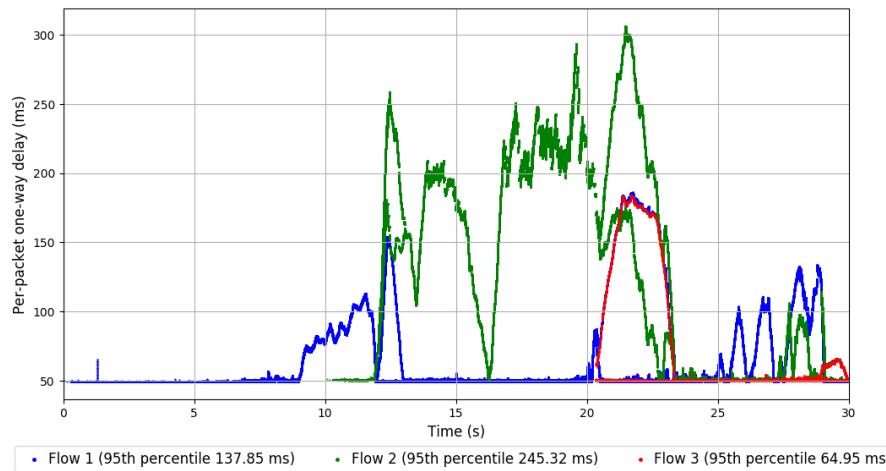
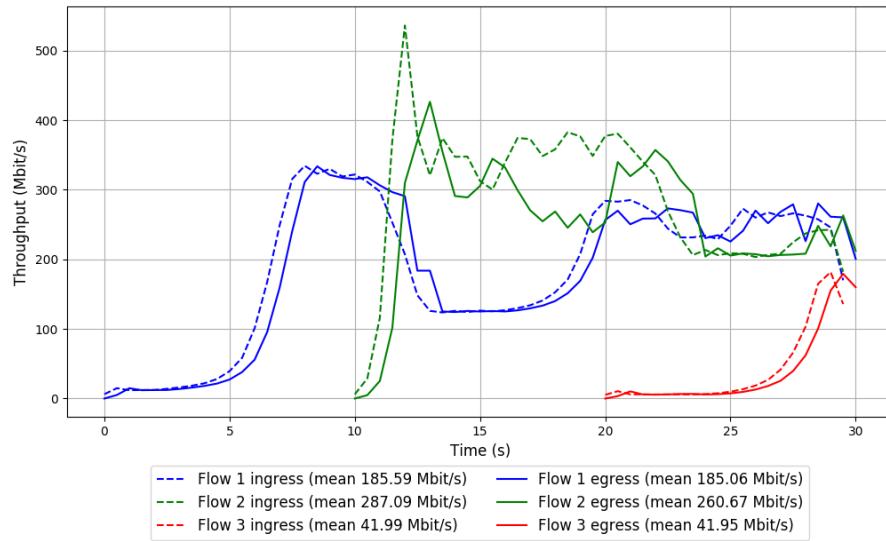


Run 9: Statistics of PCC-Expr

```
Start at: 2018-07-26 21:43:15
End at: 2018-07-26 21:43:45
Local clock offset: 0.01 ms
Remote clock offset: -0.039 ms

# Below is generated by plot.py at 2018-07-27 00:59:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 372.23 Mbit/s
95th percentile per-packet one-way delay: 226.230 ms
Loss rate: 4.64%
-- Flow 1:
Average throughput: 185.06 Mbit/s
95th percentile per-packet one-way delay: 137.851 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 260.67 Mbit/s
95th percentile per-packet one-way delay: 245.319 ms
Loss rate: 9.20%
-- Flow 3:
Average throughput: 41.95 Mbit/s
95th percentile per-packet one-way delay: 64.951 ms
Loss rate: 0.08%
```

Run 9: Report of PCC-Expr — Data Link

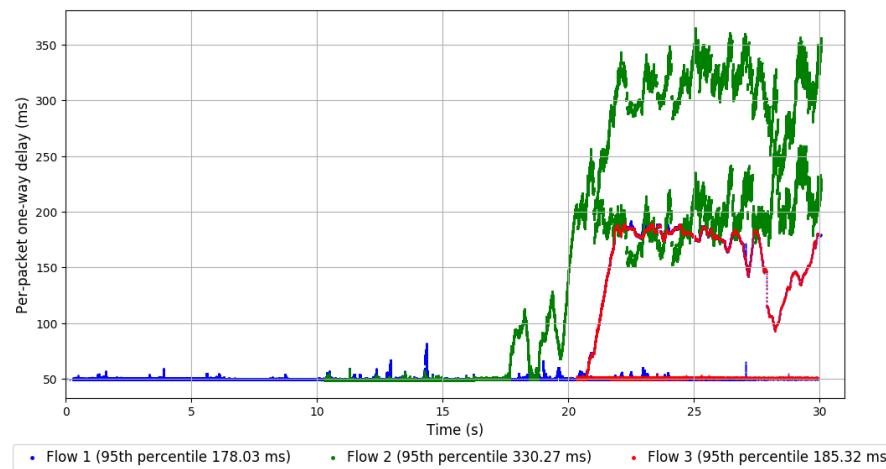
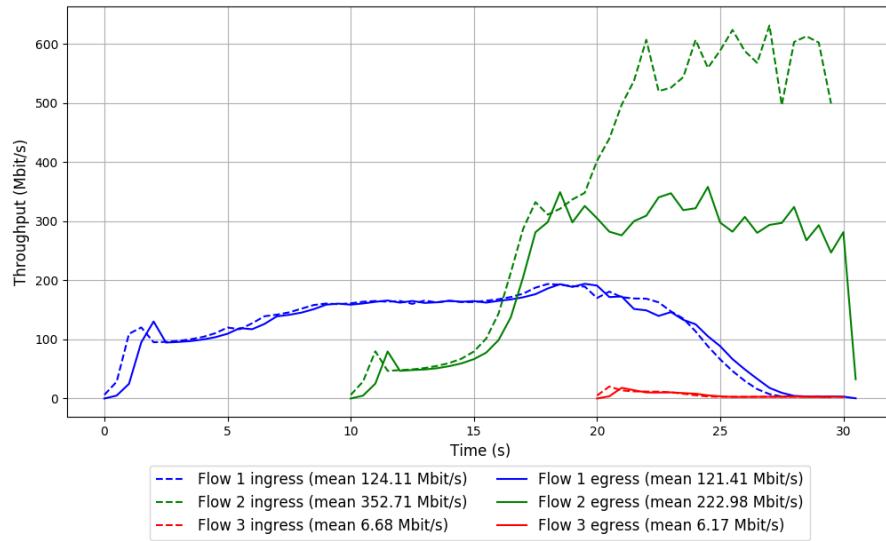


Run 10: Statistics of PCC-Expr

```
Start at: 2018-07-26 22:08:05
End at: 2018-07-26 22:08:35
Local clock offset: -0.112 ms
Remote clock offset: -0.09 ms

# Below is generated by plot.py at 2018-07-27 00:59:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 272.05 Mbit/s
95th percentile per-packet one-way delay: 320.895 ms
Loss rate: 24.28%
-- Flow 1:
Average throughput: 121.41 Mbit/s
95th percentile per-packet one-way delay: 178.026 ms
Loss rate: 1.75%
-- Flow 2:
Average throughput: 222.98 Mbit/s
95th percentile per-packet one-way delay: 330.266 ms
Loss rate: 36.36%
-- Flow 3:
Average throughput: 6.17 Mbit/s
95th percentile per-packet one-way delay: 185.324 ms
Loss rate: 6.91%
```

Run 10: Report of PCC-Expr — Data Link

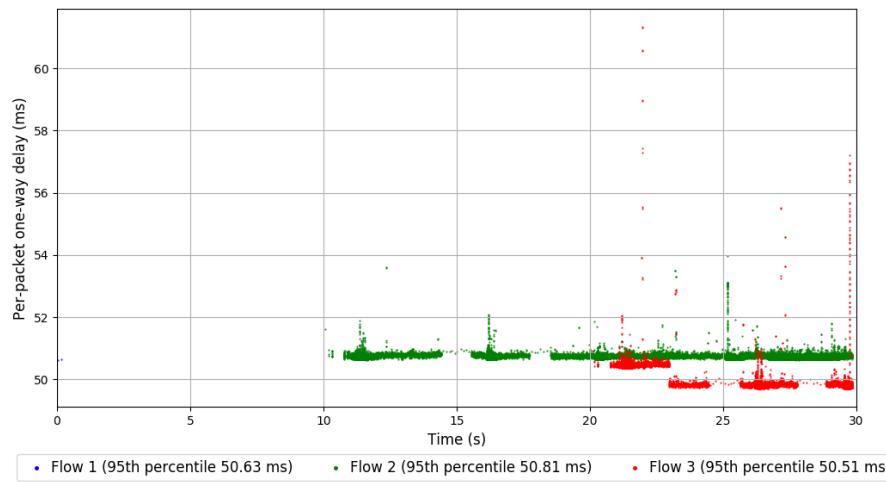
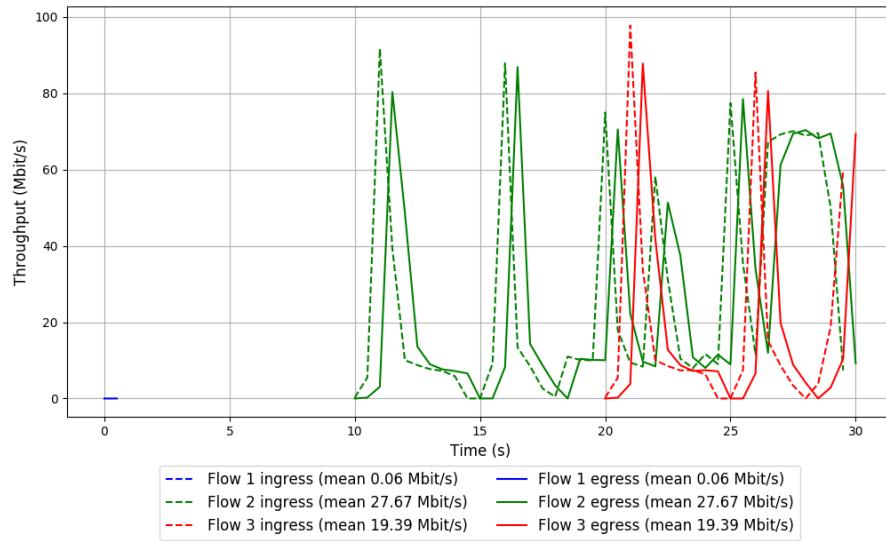


```
Run 1: Statistics of QUIC Cubic
```

```
Start at: 2018-07-26 18:40:08
End at: 2018-07-26 18:40:38
Local clock offset: -0.106 ms
Remote clock offset: 0.021 ms

# Below is generated by plot.py at 2018-07-27 00:59:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 24.74 Mbit/s
95th percentile per-packet one-way delay: 50.797 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 50.629 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 27.67 Mbit/s
95th percentile per-packet one-way delay: 50.809 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 19.39 Mbit/s
95th percentile per-packet one-way delay: 50.506 ms
Loss rate: 0.00%
```

Run 1: Report of QUIC Cubic — Data Link

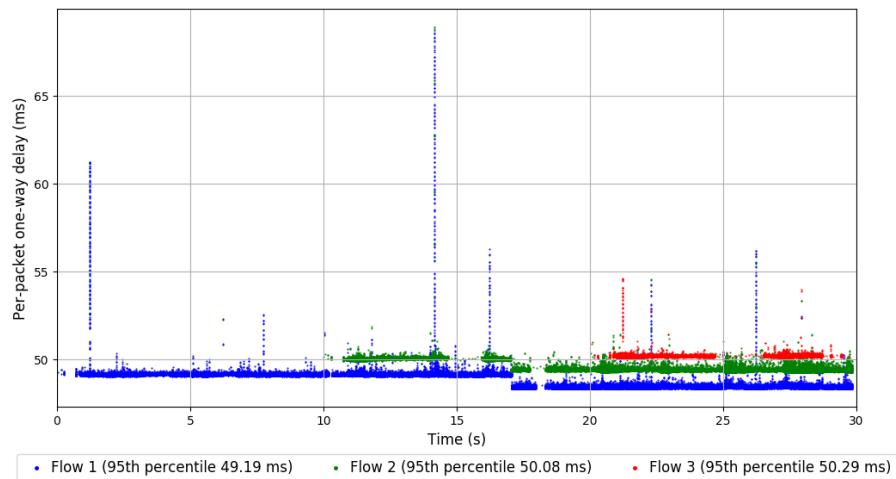
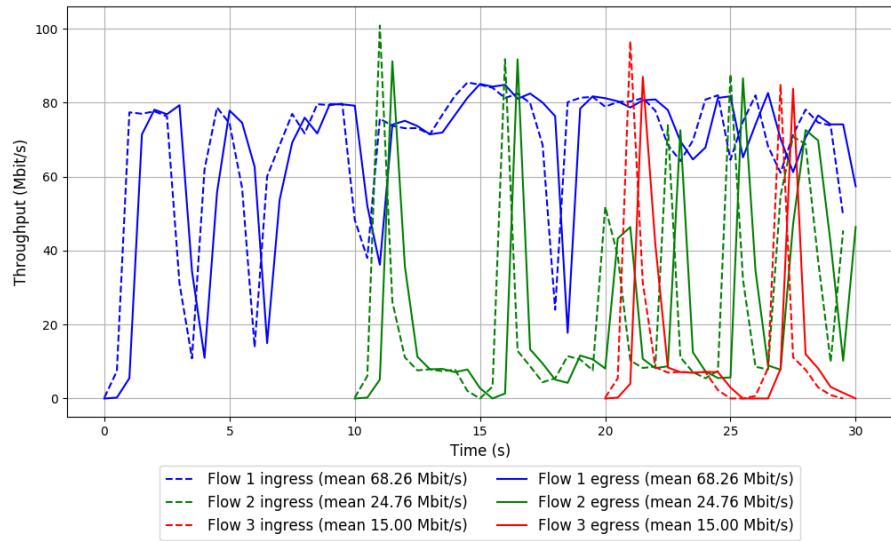


Run 2: Statistics of QUIC Cubic

```
Start at: 2018-07-26 19:04:54
End at: 2018-07-26 19:05:24
Local clock offset: 0.316 ms
Remote clock offset: 0.035 ms

# Below is generated by plot.py at 2018-07-27 00:59:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.56 Mbit/s
95th percentile per-packet one-way delay: 50.128 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 68.26 Mbit/s
95th percentile per-packet one-way delay: 49.187 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.76 Mbit/s
95th percentile per-packet one-way delay: 50.075 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 15.00 Mbit/s
95th percentile per-packet one-way delay: 50.293 ms
Loss rate: 0.00%
```

Run 2: Report of QUIC Cubic — Data Link

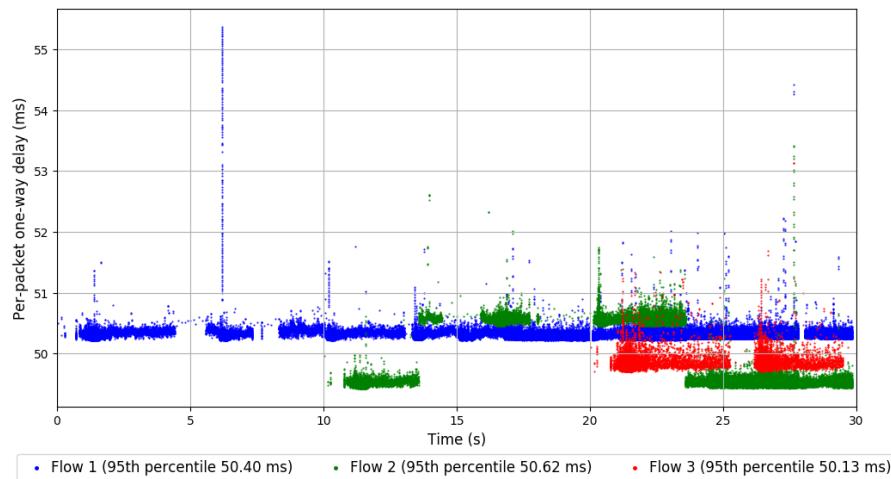
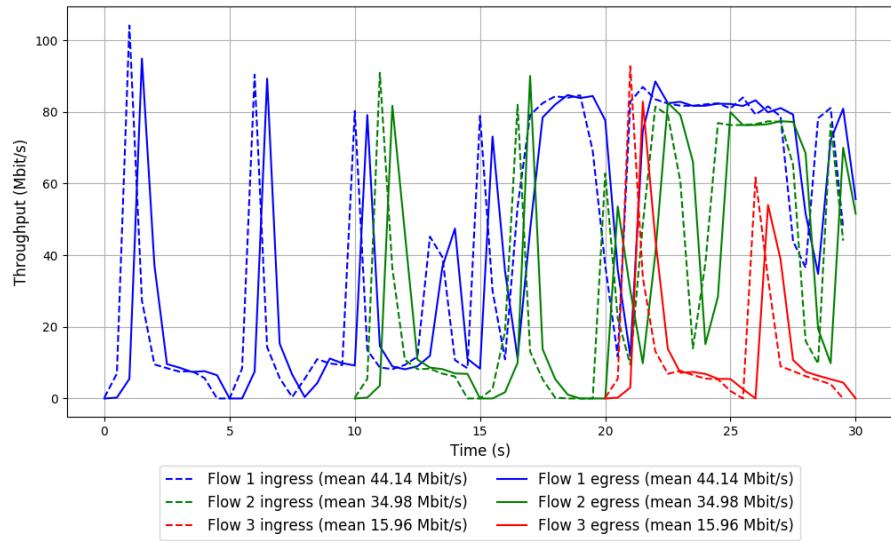


Run 3: Statistics of QUIC Cubic

```
Start at: 2018-07-26 19:30:08
End at: 2018-07-26 19:30:38
Local clock offset: -0.077 ms
Remote clock offset: -0.098 ms

# Below is generated by plot.py at 2018-07-27 00:59:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 72.53 Mbit/s
95th percentile per-packet one-way delay: 50.558 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 44.14 Mbit/s
95th percentile per-packet one-way delay: 50.401 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 34.98 Mbit/s
95th percentile per-packet one-way delay: 50.617 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 15.96 Mbit/s
95th percentile per-packet one-way delay: 50.135 ms
Loss rate: 0.00%
```

Run 3: Report of QUIC Cubic — Data Link

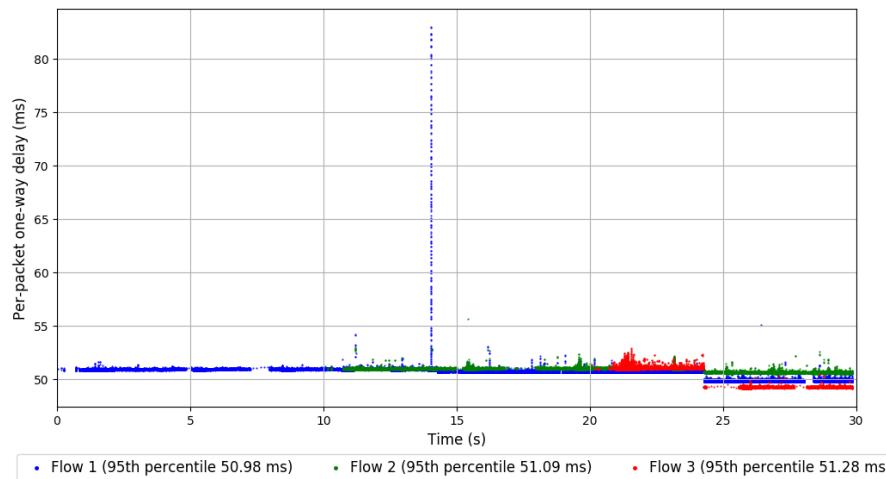
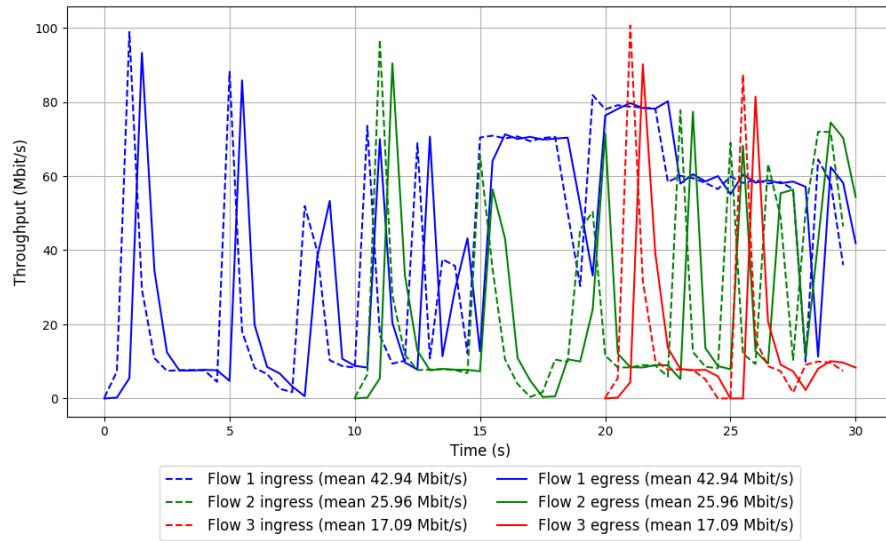


Run 4: Statistics of QUIC Cubic

```
Start at: 2018-07-26 19:55:27
End at: 2018-07-26 19:55:57
Local clock offset: -0.38 ms
Remote clock offset: -0.1 ms

# Below is generated by plot.py at 2018-07-27 00:59:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 65.79 Mbit/s
95th percentile per-packet one-way delay: 51.065 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 42.94 Mbit/s
95th percentile per-packet one-way delay: 50.985 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 25.96 Mbit/s
95th percentile per-packet one-way delay: 51.093 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 17.09 Mbit/s
95th percentile per-packet one-way delay: 51.281 ms
Loss rate: 0.00%
```

Run 4: Report of QUIC Cubic — Data Link

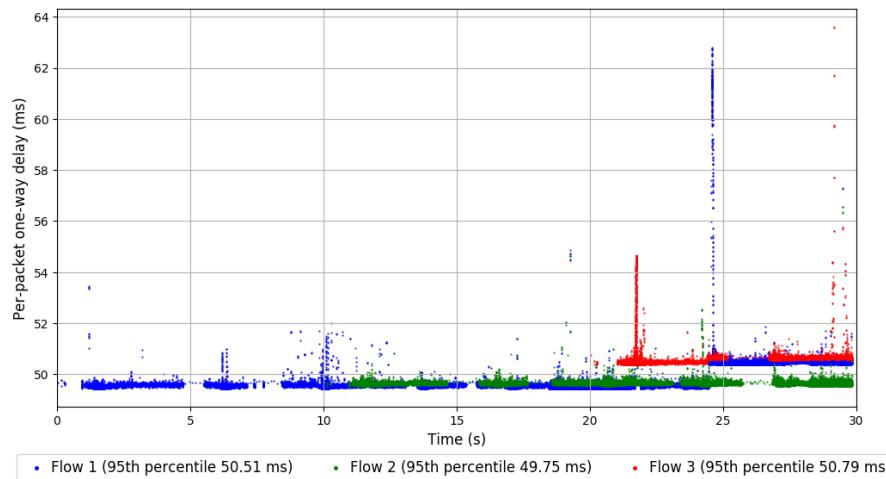
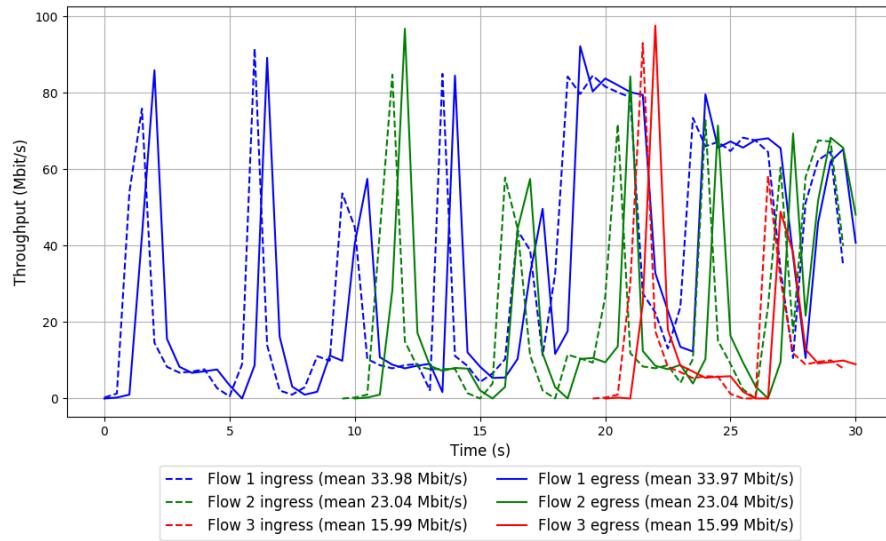


Run 5: Statistics of QUIC Cubic

```
Start at: 2018-07-26 20:20:17
End at: 2018-07-26 20:20:47
Local clock offset: -0.003 ms
Remote clock offset: -0.148 ms

# Below is generated by plot.py at 2018-07-27 00:59:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 54.54 Mbit/s
95th percentile per-packet one-way delay: 50.601 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 33.97 Mbit/s
95th percentile per-packet one-way delay: 50.512 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 23.04 Mbit/s
95th percentile per-packet one-way delay: 49.753 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 15.99 Mbit/s
95th percentile per-packet one-way delay: 50.789 ms
Loss rate: 0.00%
```

Run 5: Report of QUIC Cubic — Data Link

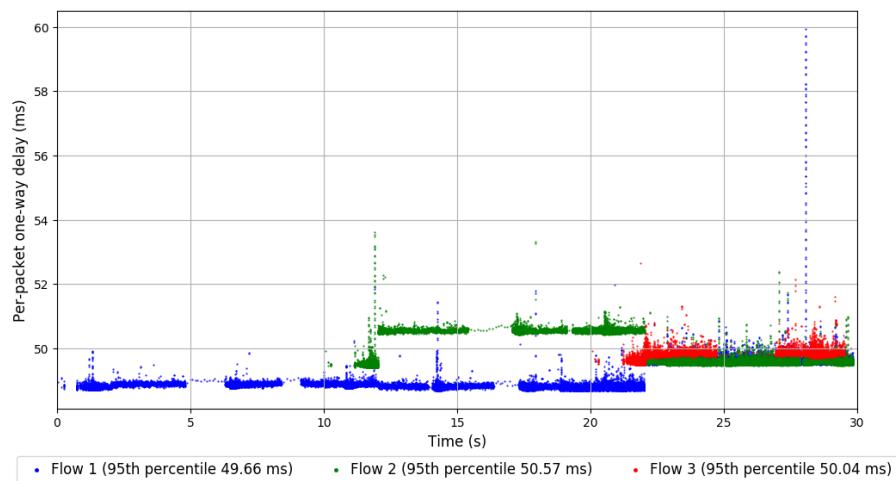
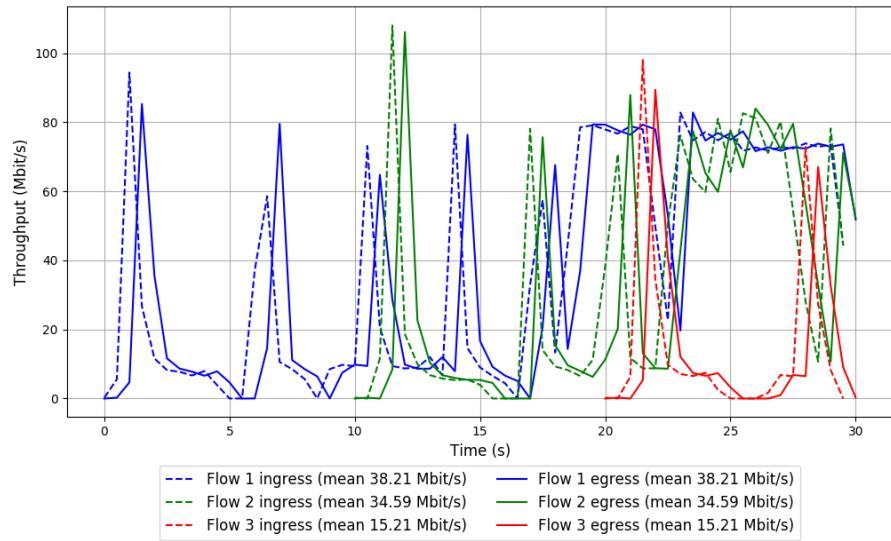


Run 6: Statistics of QUIC Cubic

```
Start at: 2018-07-26 20:45:09
End at: 2018-07-26 20:45:39
Local clock offset: 0.071 ms
Remote clock offset: -0.105 ms

# Below is generated by plot.py at 2018-07-27 00:59:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 66.15 Mbit/s
95th percentile per-packet one-way delay: 50.517 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 38.21 Mbit/s
95th percentile per-packet one-way delay: 49.663 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 34.59 Mbit/s
95th percentile per-packet one-way delay: 50.573 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 15.21 Mbit/s
95th percentile per-packet one-way delay: 50.038 ms
Loss rate: 0.00%
```

Run 6: Report of QUIC Cubic — Data Link

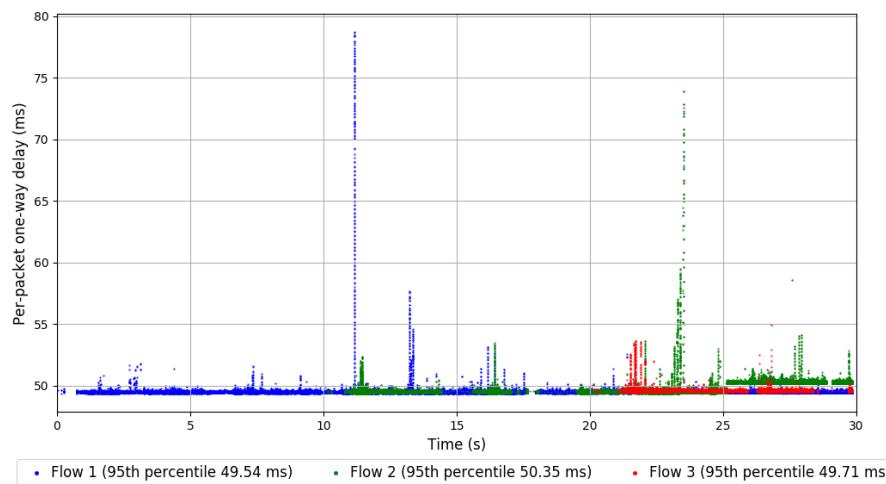
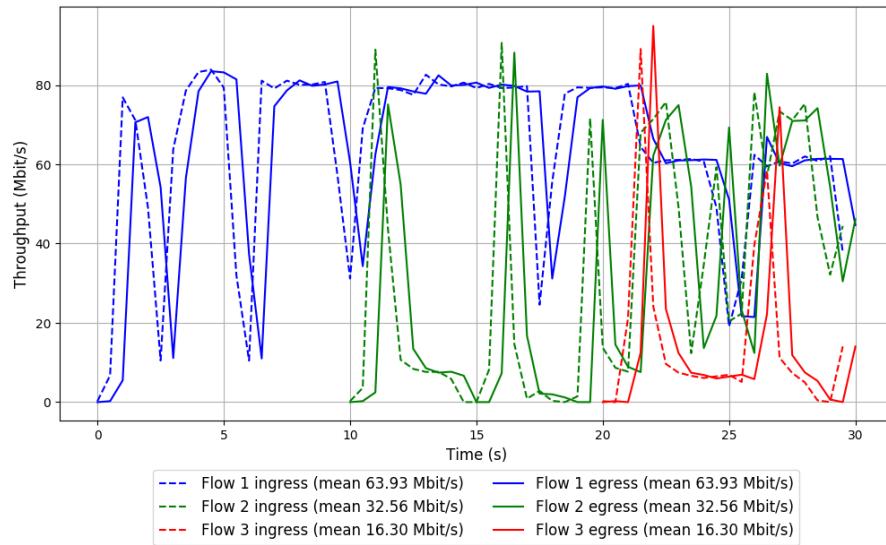


Run 7: Statistics of QUIC Cubic

```
Start at: 2018-07-26 21:09:56
End at: 2018-07-26 21:10:26
Local clock offset: 0.124 ms
Remote clock offset: -0.042 ms

# Below is generated by plot.py at 2018-07-27 00:59:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.89 Mbit/s
95th percentile per-packet one-way delay: 50.253 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 63.93 Mbit/s
95th percentile per-packet one-way delay: 49.538 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.56 Mbit/s
95th percentile per-packet one-way delay: 50.350 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 16.30 Mbit/s
95th percentile per-packet one-way delay: 49.711 ms
Loss rate: 0.00%
```

Run 7: Report of QUIC Cubic — Data Link

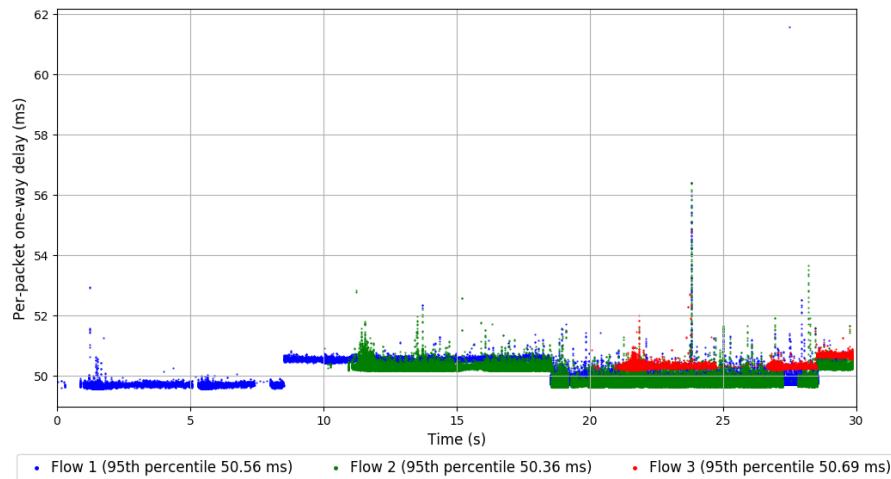
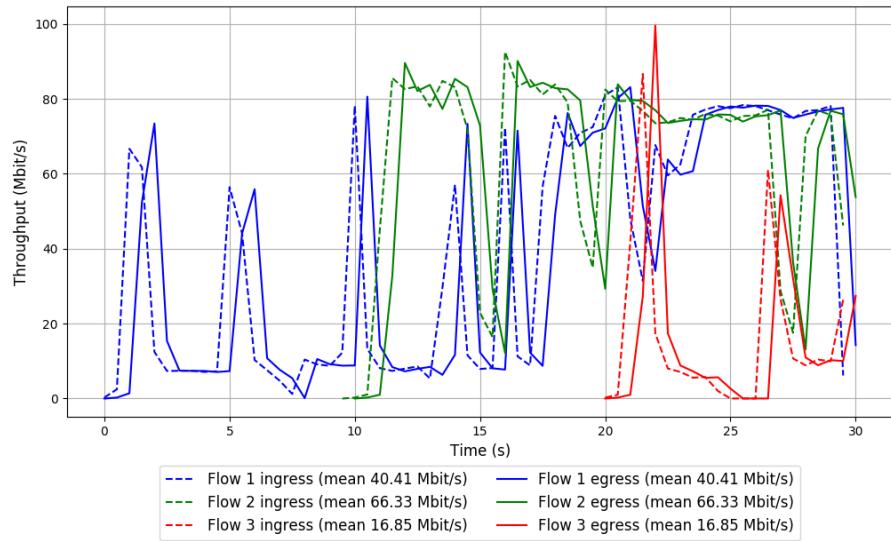


Run 8: Statistics of QUIC Cubic

```
Start at: 2018-07-26 21:34:53
End at: 2018-07-26 21:35:23
Local clock offset: 0.032 ms
Remote clock offset: -0.063 ms

# Below is generated by plot.py at 2018-07-27 00:59:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.65 Mbit/s
95th percentile per-packet one-way delay: 50.538 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 40.41 Mbit/s
95th percentile per-packet one-way delay: 50.558 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 66.33 Mbit/s
95th percentile per-packet one-way delay: 50.361 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 16.85 Mbit/s
95th percentile per-packet one-way delay: 50.686 ms
Loss rate: 0.01%
```

Run 8: Report of QUIC Cubic — Data Link

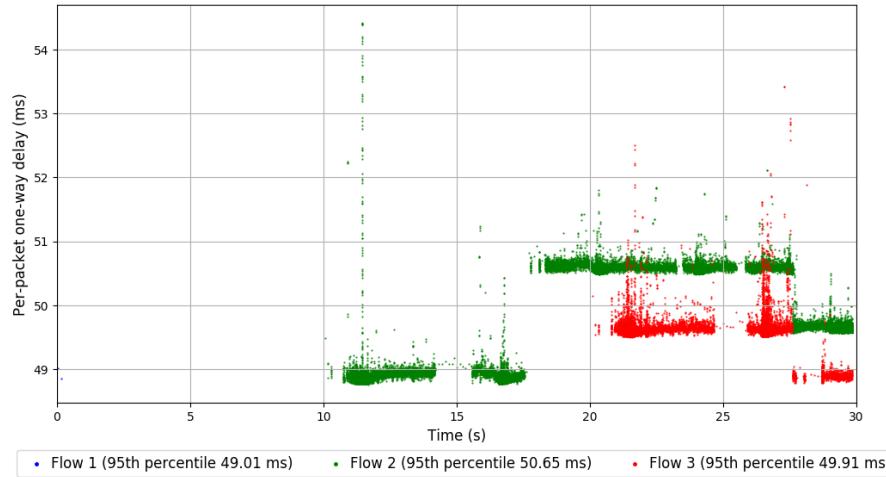
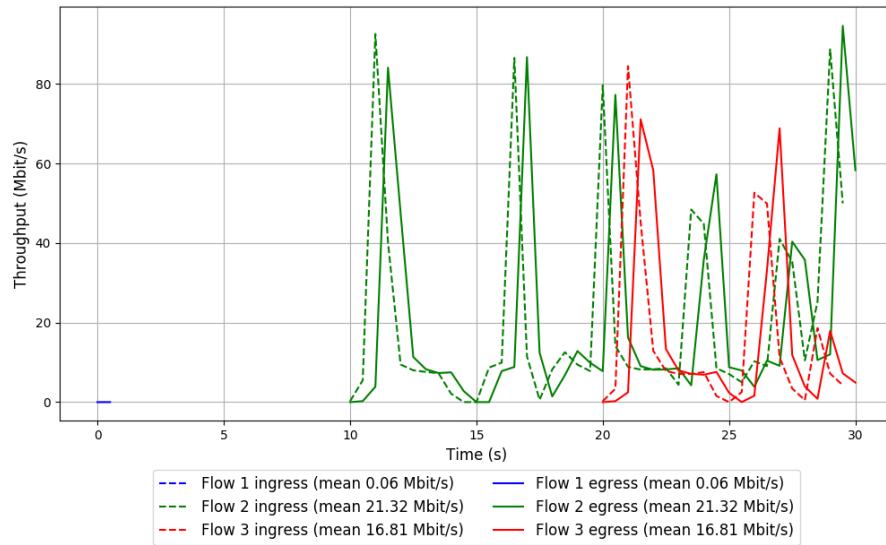


Run 9: Statistics of QUIC Cubic

```
Start at: 2018-07-26 21:59:54
End at: 2018-07-26 22:00:24
Local clock offset: -0.062 ms
Remote clock offset: -0.075 ms

# Below is generated by plot.py at 2018-07-27 00:59:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 19.66 Mbit/s
95th percentile per-packet one-way delay: 50.636 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 49.007 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 21.32 Mbit/s
95th percentile per-packet one-way delay: 50.650 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 16.81 Mbit/s
95th percentile per-packet one-way delay: 49.905 ms
Loss rate: 0.00%
```

## Run 9: Report of QUIC Cubic — Data Link

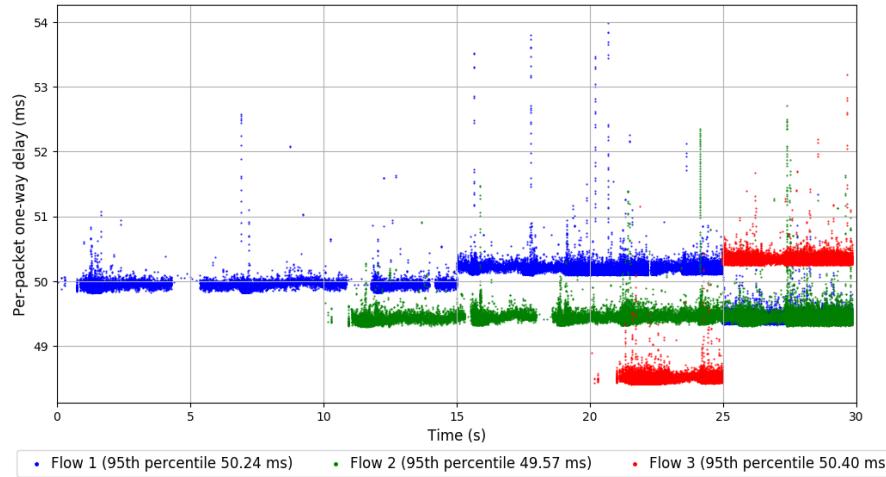
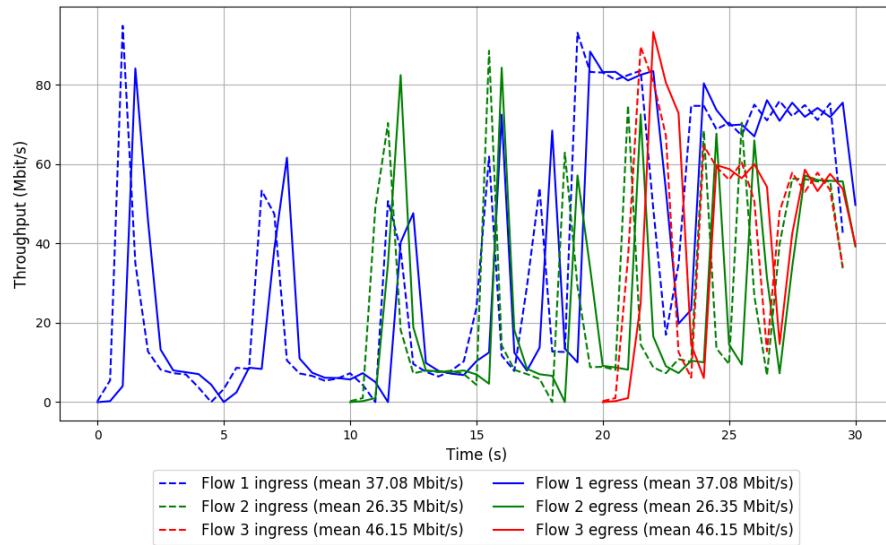


Run 10: Statistics of QUIC Cubic

```
Start at: 2018-07-26 22:24:36
End at: 2018-07-26 22:25:06
Local clock offset: 0.142 ms
Remote clock offset: -0.046 ms

# Below is generated by plot.py at 2018-07-27 00:59:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 69.73 Mbit/s
95th percentile per-packet one-way delay: 50.337 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 37.08 Mbit/s
95th percentile per-packet one-way delay: 50.242 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 26.35 Mbit/s
95th percentile per-packet one-way delay: 49.572 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 46.15 Mbit/s
95th percentile per-packet one-way delay: 50.396 ms
Loss rate: 0.00%
```

Run 10: Report of QUIC Cubic — Data Link

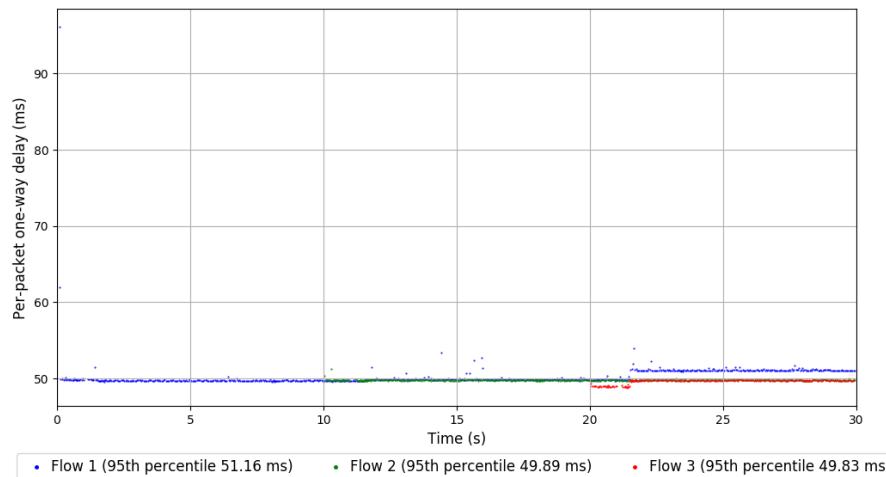
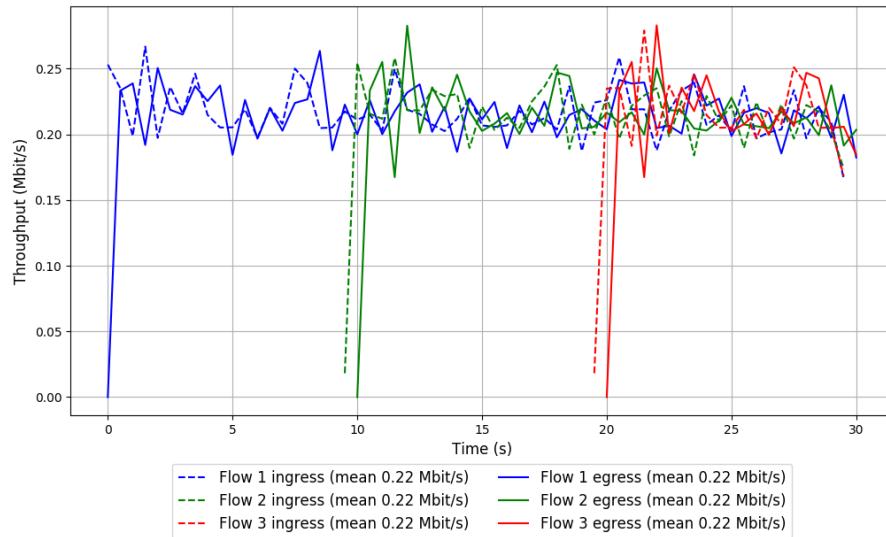


```
Run 1: Statistics of SCReAM

Start at: 2018-07-26 18:18:50
End at: 2018-07-26 18:19:20
Local clock offset: -0.064 ms
Remote clock offset: -0.001 ms

# Below is generated by plot.py at 2018-07-27 00:59:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 51.100 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 51.162 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.893 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.827 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

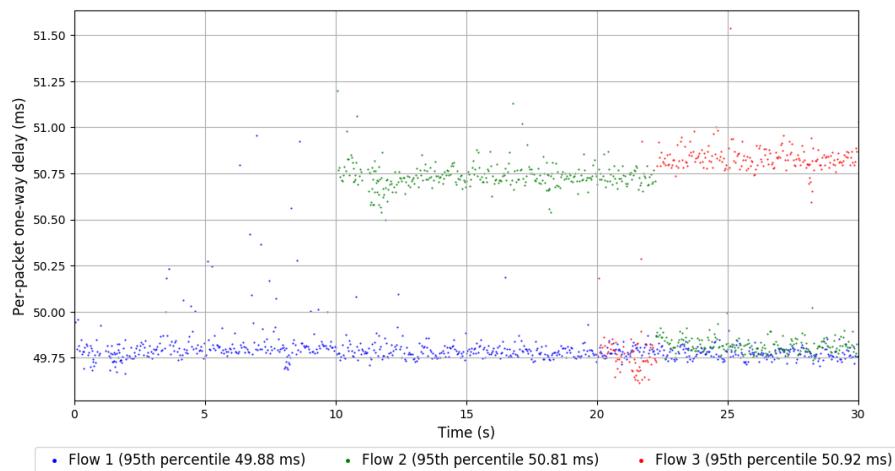
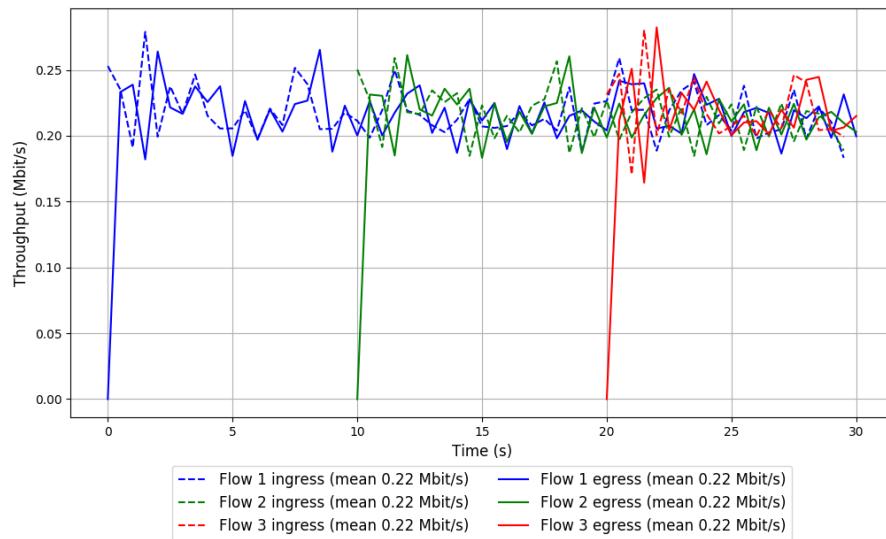


Run 2: Statistics of SCReAM

```
Start at: 2018-07-26 18:43:59
End at: 2018-07-26 18:44:29
Local clock offset: -0.141 ms
Remote clock offset: 0.016 ms

# Below is generated by plot.py at 2018-07-27 00:59:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 50.851 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.882 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.809 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.924 ms
Loss rate: 0.00%
```

## Run 2: Report of SCReAM — Data Link

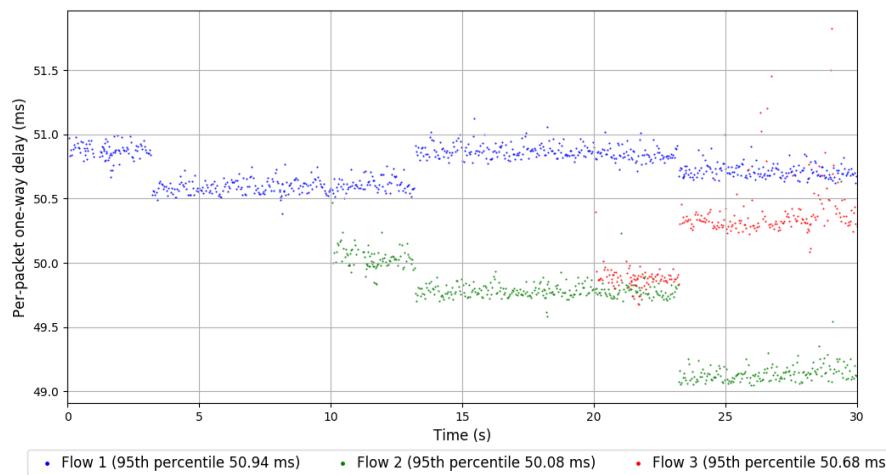
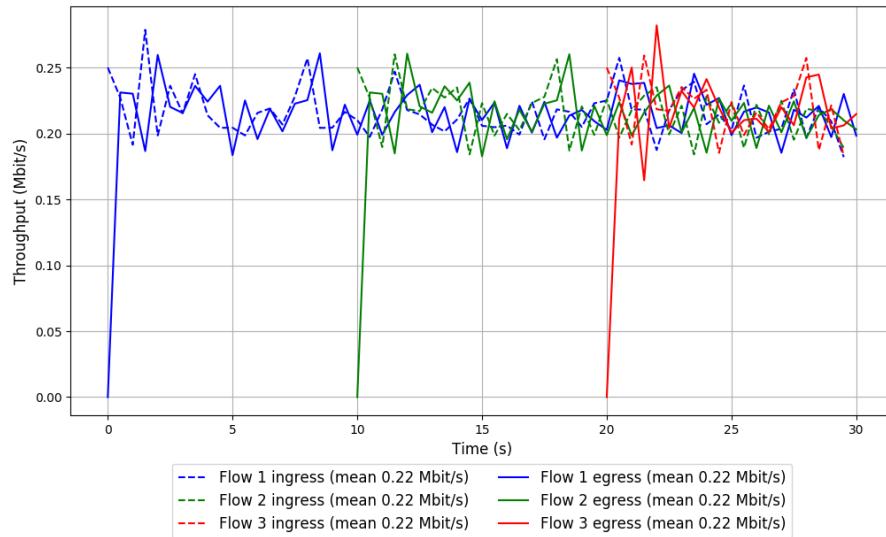


Run 3: Statistics of SCReAM

```
Start at: 2018-07-26 19:08:48
End at: 2018-07-26 19:09:18
Local clock offset: -0.123 ms
Remote clock offset: 0.064 ms

# Below is generated by plot.py at 2018-07-27 00:59:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 50.905 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.941 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.077 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.682 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

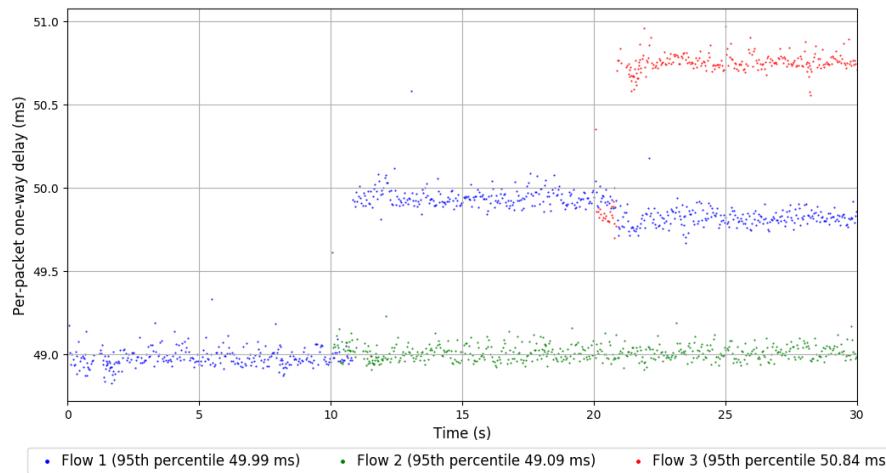
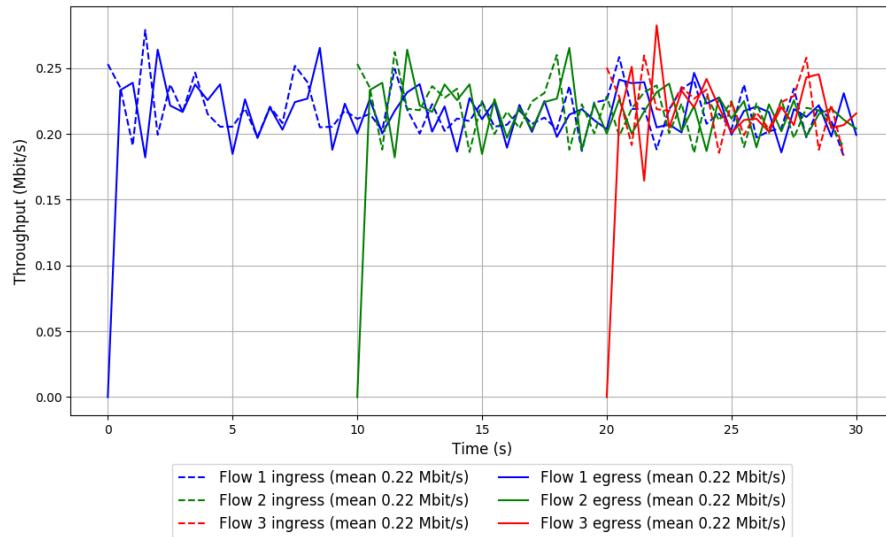


Run 4: Statistics of SCReAM

```
Start at: 2018-07-26 19:34:01
End at: 2018-07-26 19:34:31
Local clock offset: -0.108 ms
Remote clock offset: -0.14 ms

# Below is generated by plot.py at 2018-07-27 00:59:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 50.766 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.988 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.094 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.837 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

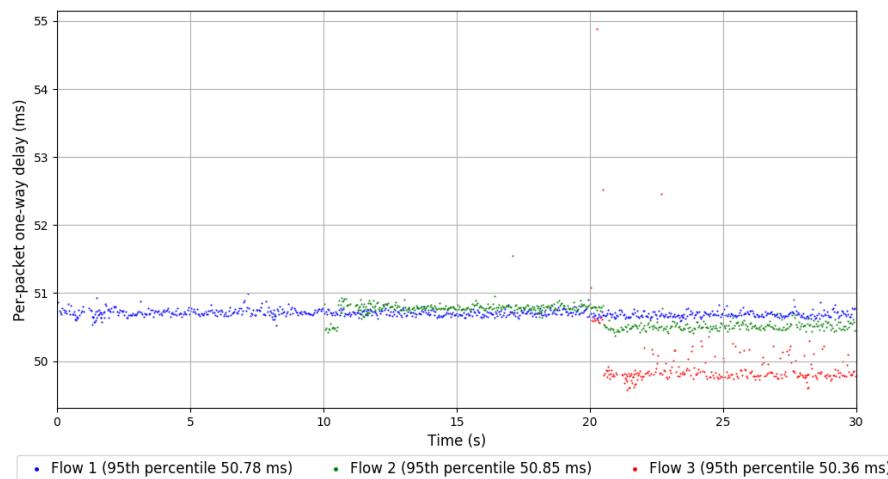
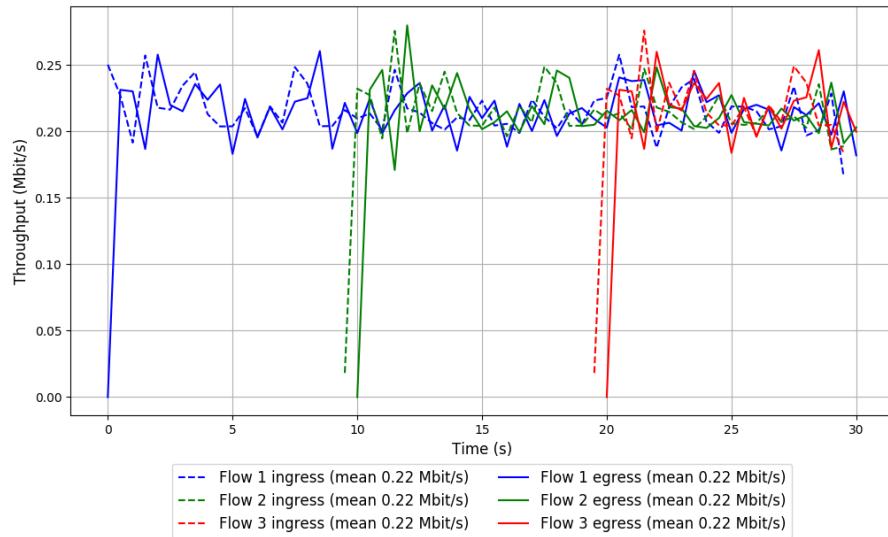


Run 5: Statistics of SCReAM

```
Start at: 2018-07-26 19:59:21
End at: 2018-07-26 19:59:51
Local clock offset: -0.028 ms
Remote clock offset: -0.156 ms

# Below is generated by plot.py at 2018-07-27 00:59:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 50.825 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.784 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.847 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.364 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

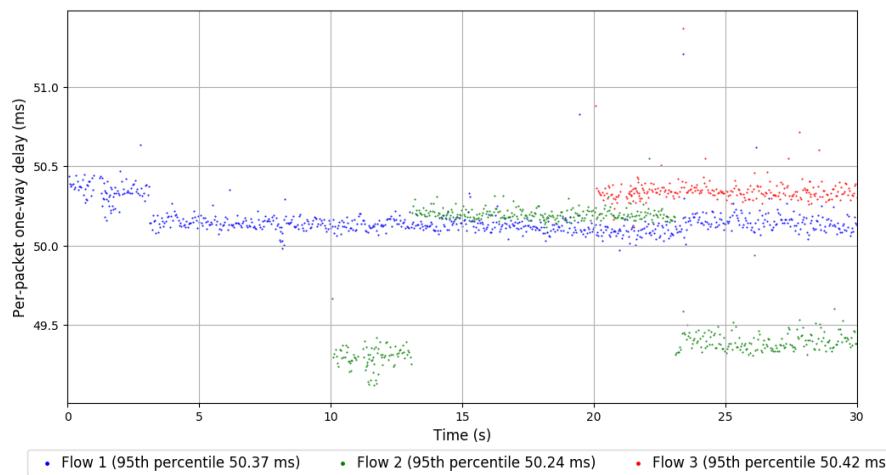
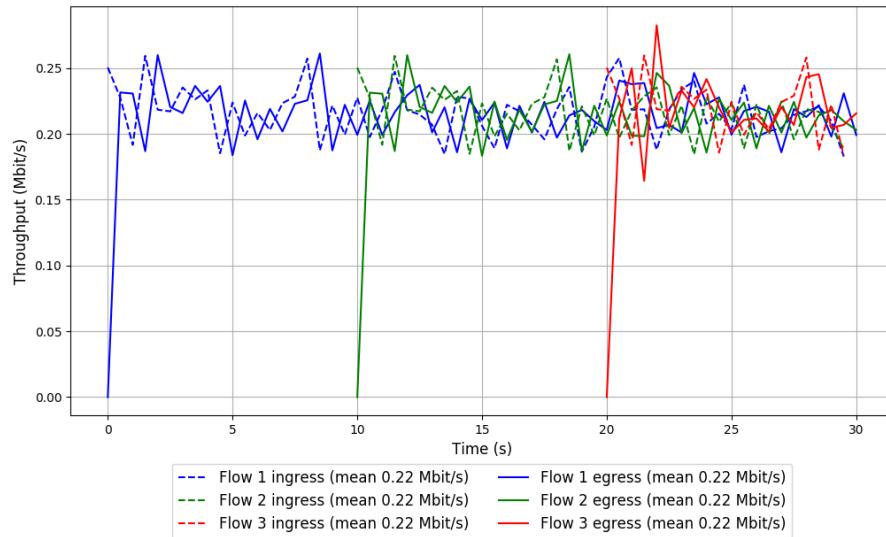


Run 6: Statistics of SCReAM

```
Start at: 2018-07-26 20:24:08
End at: 2018-07-26 20:24:38
Local clock offset: 0.368 ms
Remote clock offset: -0.147 ms

# Below is generated by plot.py at 2018-07-27 00:59:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 50.377 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.370 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.239 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.422 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link

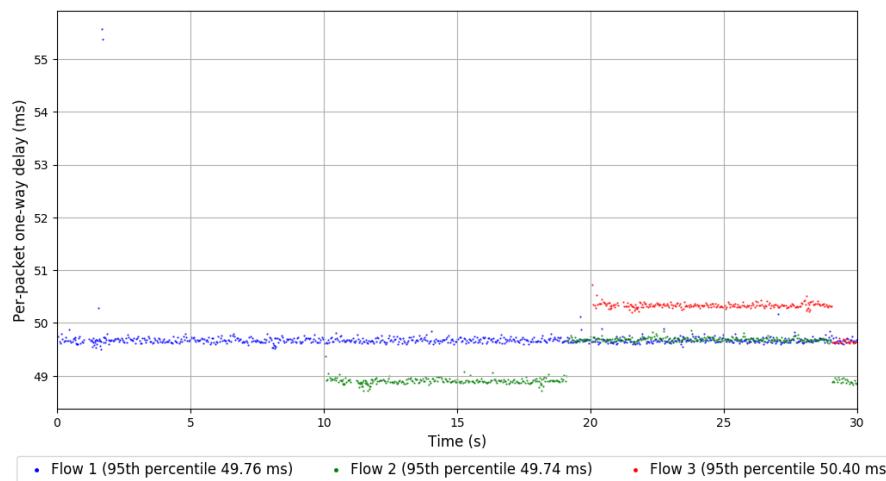
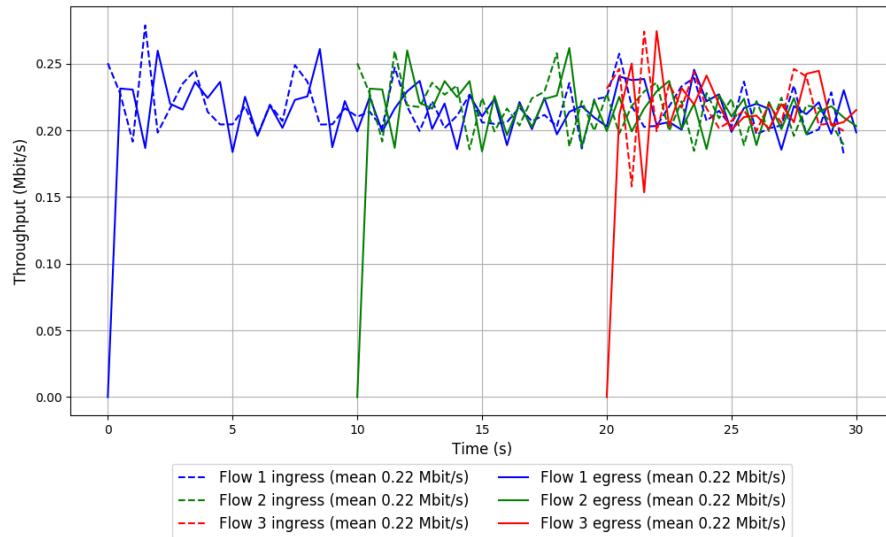


Run 7: Statistics of SCReAM

```
Start at: 2018-07-26 20:49:02
End at: 2018-07-26 20:49:32
Local clock offset: 0.069 ms
Remote clock offset: -0.126 ms

# Below is generated by plot.py at 2018-07-27 00:59:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 50.352 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.761 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.736 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.401 ms
Loss rate: 0.00%
```

Run 7: Report of SCReAM — Data Link

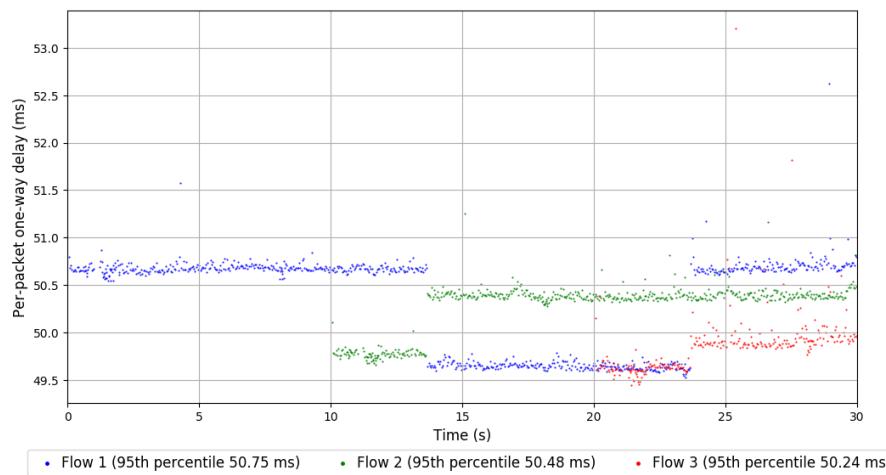
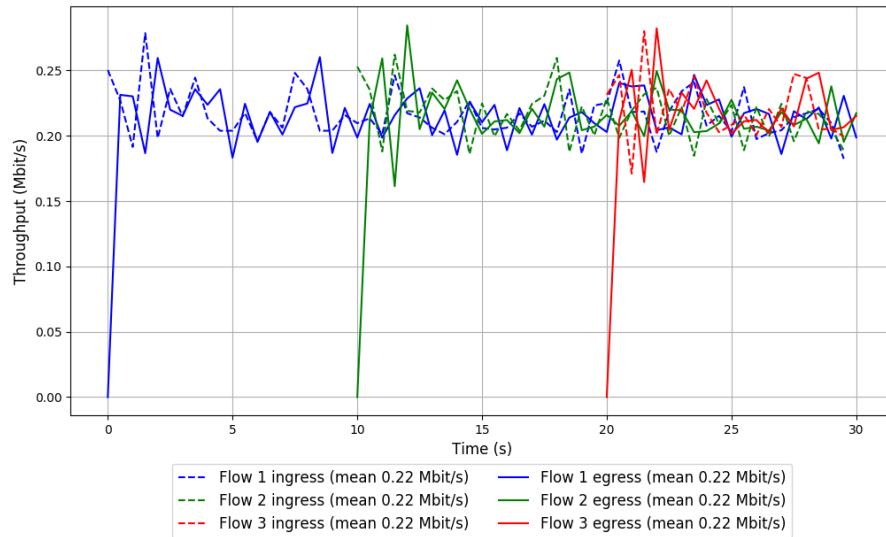


Run 8: Statistics of SCReAM

```
Start at: 2018-07-26 21:13:48
End at: 2018-07-26 21:14:18
Local clock offset: 0.072 ms
Remote clock offset: -0.053 ms

# Below is generated by plot.py at 2018-07-27 00:59:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 50.726 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.749 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.477 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.243 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

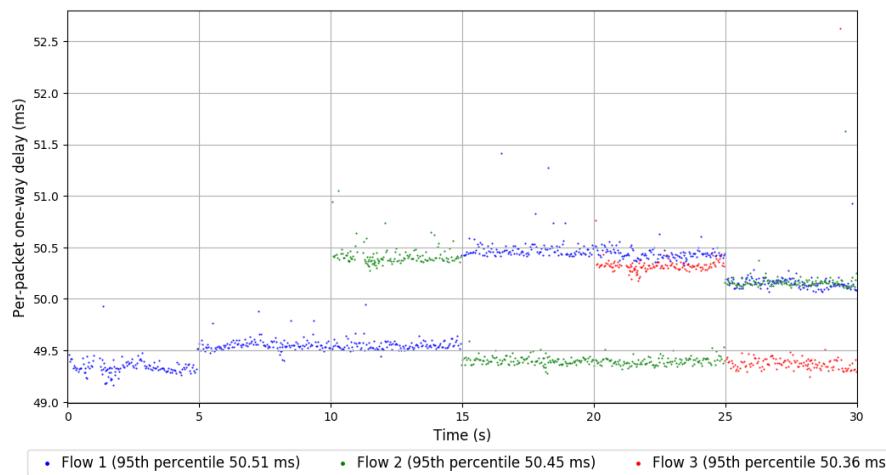
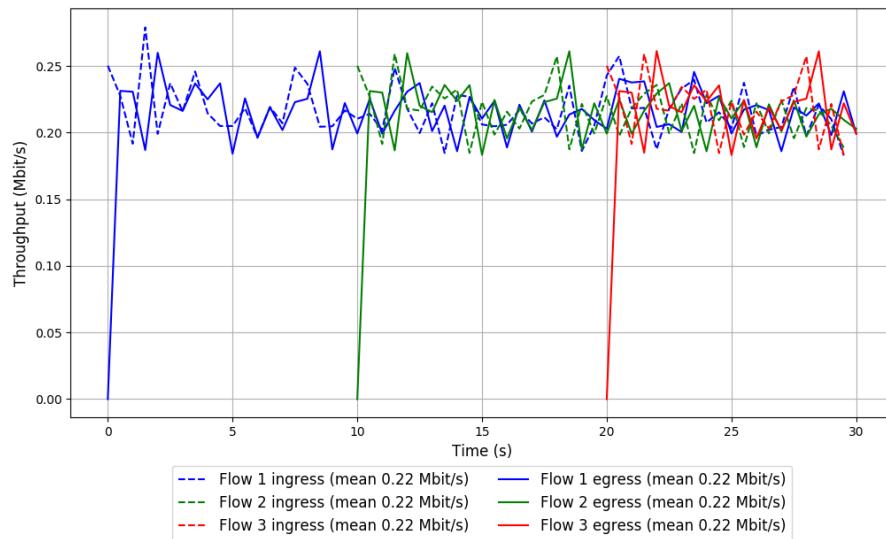


Run 9: Statistics of SCReAM

```
Start at: 2018-07-26 21:38:47
End at: 2018-07-26 21:39:17
Local clock offset: 0.348 ms
Remote clock offset: -0.029 ms

# Below is generated by plot.py at 2018-07-27 00:59:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 50.486 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.508 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.452 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.362 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

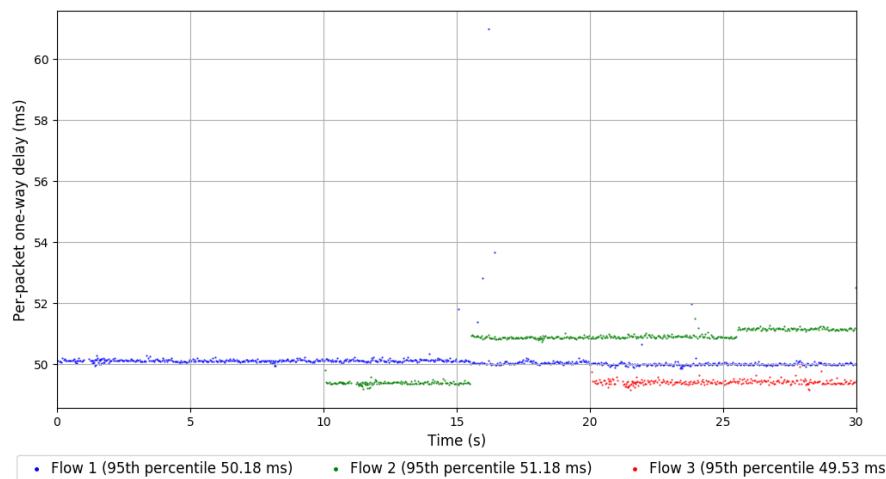
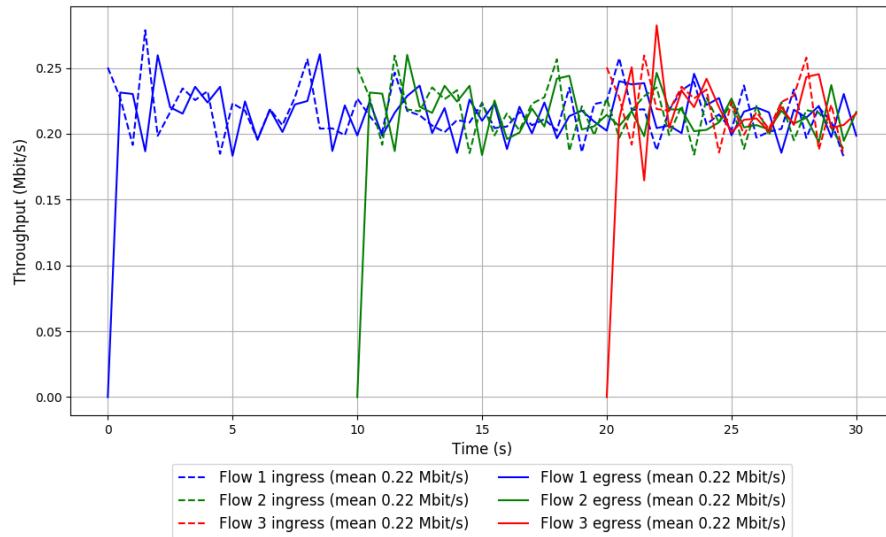


Run 10: Statistics of SCReAM

```
Start at: 2018-07-26 22:03:46
End at: 2018-07-26 22:04:16
Local clock offset: -0.432 ms
Remote clock offset: -0.047 ms

# Below is generated by plot.py at 2018-07-27 00:59:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 51.144 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.184 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 51.181 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.529 ms
Loss rate: 0.00%
```

## Run 10: Report of SCReAM — Data Link

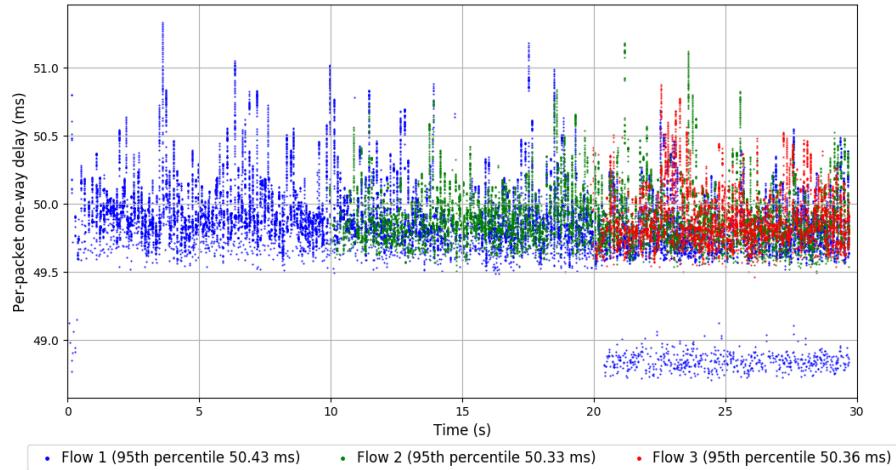
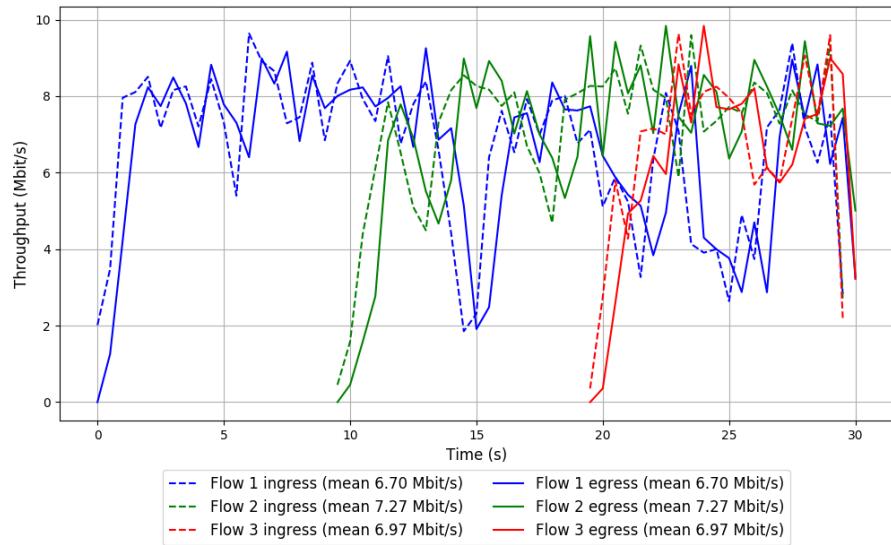


Run 1: Statistics of Sprout

```
Start at: 2018-07-26 18:17:41
End at: 2018-07-26 18:18:11
Local clock offset: -0.083 ms
Remote clock offset: 0.005 ms

# Below is generated by plot.py at 2018-07-27 00:59:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.87 Mbit/s
95th percentile per-packet one-way delay: 50.370 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.70 Mbit/s
95th percentile per-packet one-way delay: 50.427 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 7.27 Mbit/s
95th percentile per-packet one-way delay: 50.333 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 6.97 Mbit/s
95th percentile per-packet one-way delay: 50.363 ms
Loss rate: 0.00%
```

Run 1: Report of Sprout — Data Link

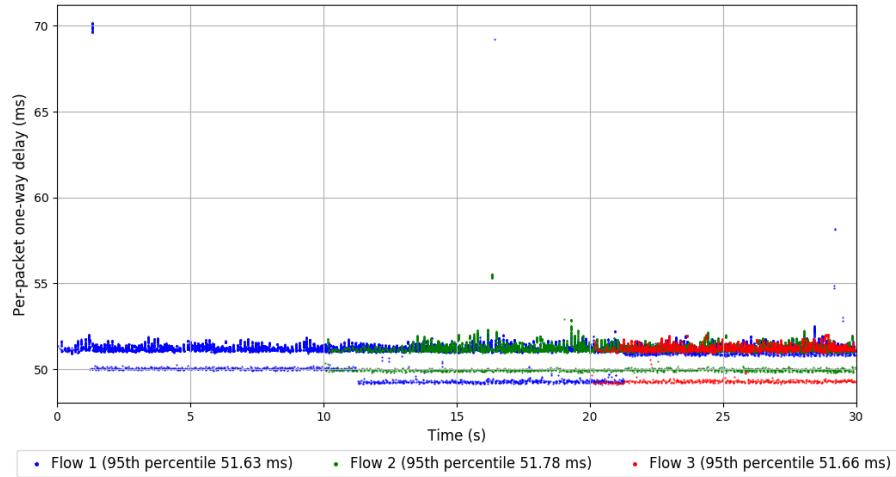
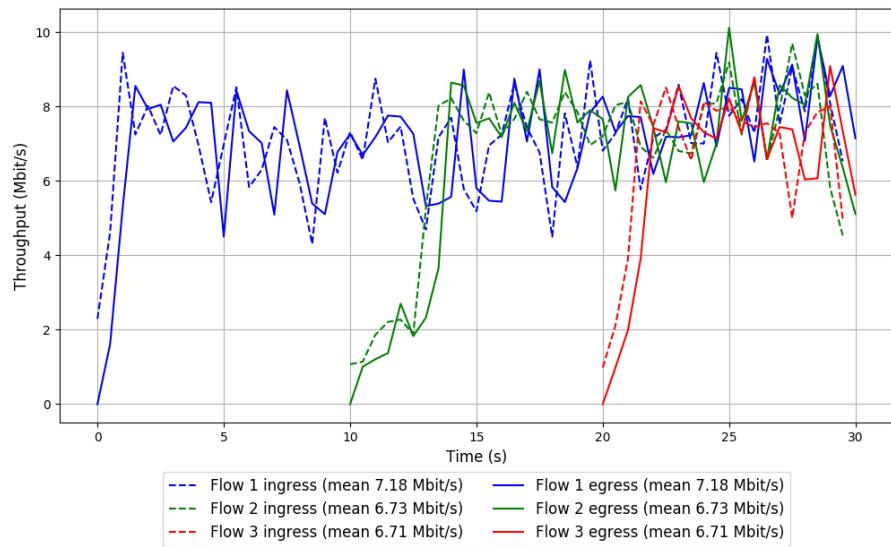


Run 2: Statistics of Sprout

```
Start at: 2018-07-26 18:42:50
End at: 2018-07-26 18:43:20
Local clock offset: -0.475 ms
Remote clock offset: 0.004 ms

# Below is generated by plot.py at 2018-07-27 00:59:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.86 Mbit/s
95th percentile per-packet one-way delay: 51.677 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.18 Mbit/s
95th percentile per-packet one-way delay: 51.629 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.73 Mbit/s
95th percentile per-packet one-way delay: 51.776 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 6.71 Mbit/s
95th percentile per-packet one-way delay: 51.664 ms
Loss rate: 0.00%
```

## Run 2: Report of Sprout — Data Link

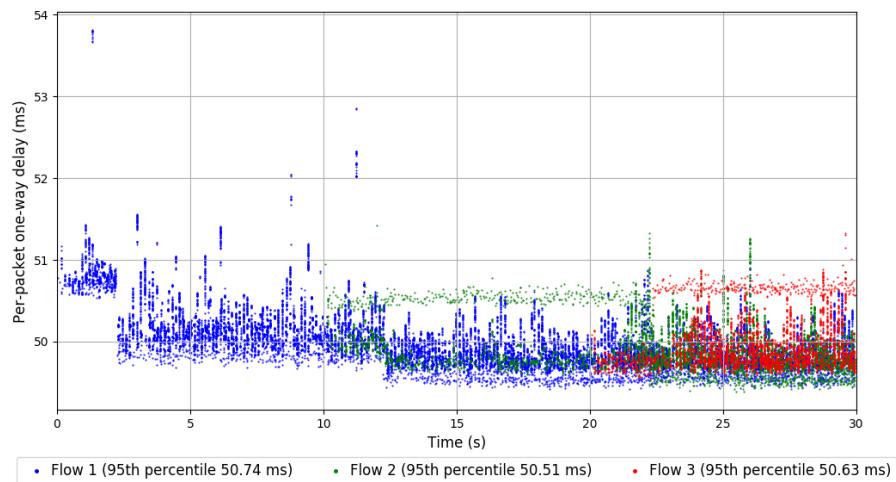
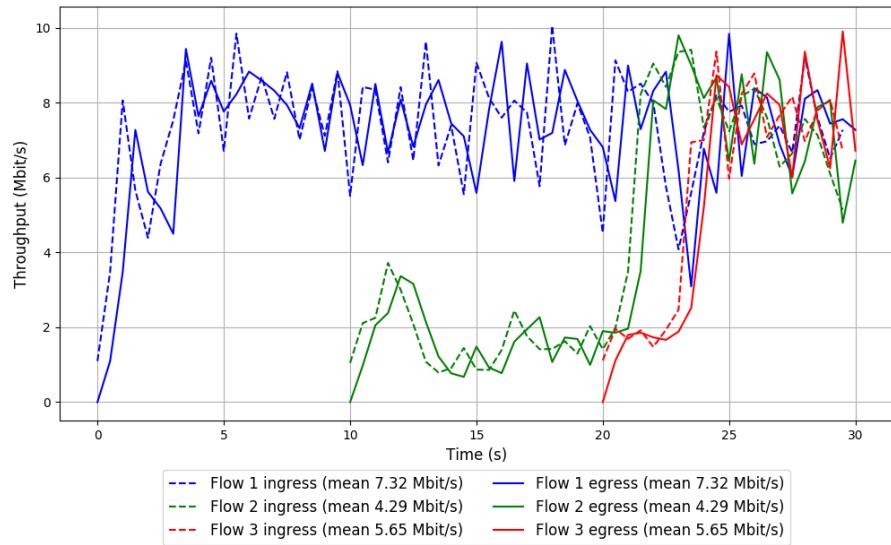


Run 3: Statistics of Sprout

```
Start at: 2018-07-26 19:07:39
End at: 2018-07-26 19:08:09
Local clock offset: -0.079 ms
Remote clock offset: -0.001 ms

# Below is generated by plot.py at 2018-07-27 00:59:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 12.03 Mbit/s
95th percentile per-packet one-way delay: 50.657 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.32 Mbit/s
95th percentile per-packet one-way delay: 50.744 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.29 Mbit/s
95th percentile per-packet one-way delay: 50.505 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 5.65 Mbit/s
95th percentile per-packet one-way delay: 50.627 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

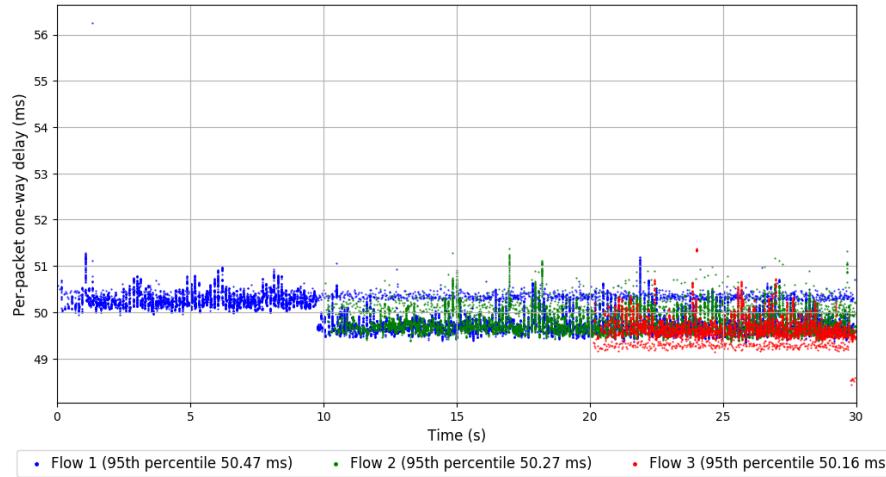
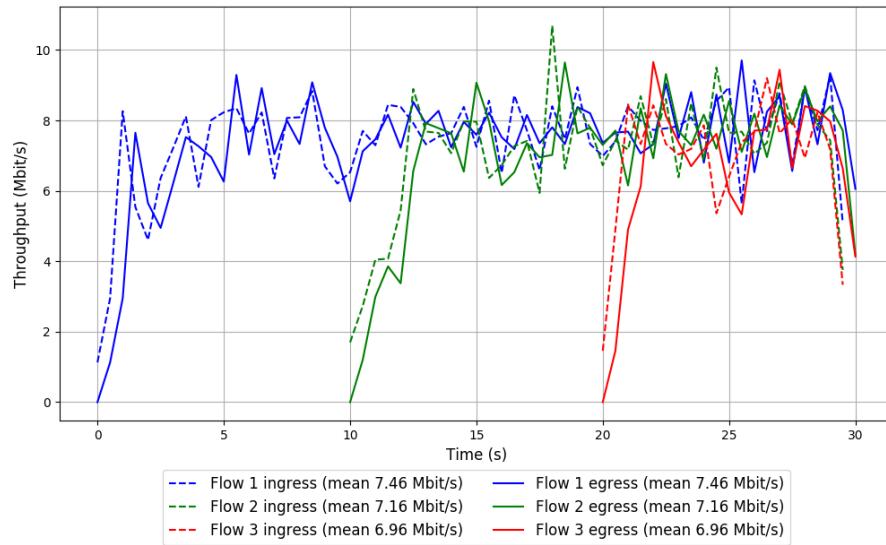


Run 4: Statistics of Sprout

```
Start at: 2018-07-26 19:32:52
End at: 2018-07-26 19:33:22
Local clock offset: 0.279 ms
Remote clock offset: -0.109 ms

# Below is generated by plot.py at 2018-07-27 00:59:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 14.51 Mbit/s
95th percentile per-packet one-way delay: 50.415 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.46 Mbit/s
95th percentile per-packet one-way delay: 50.472 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 7.16 Mbit/s
95th percentile per-packet one-way delay: 50.269 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 6.96 Mbit/s
95th percentile per-packet one-way delay: 50.165 ms
Loss rate: 0.00%
```

## Run 4: Report of Sprout — Data Link

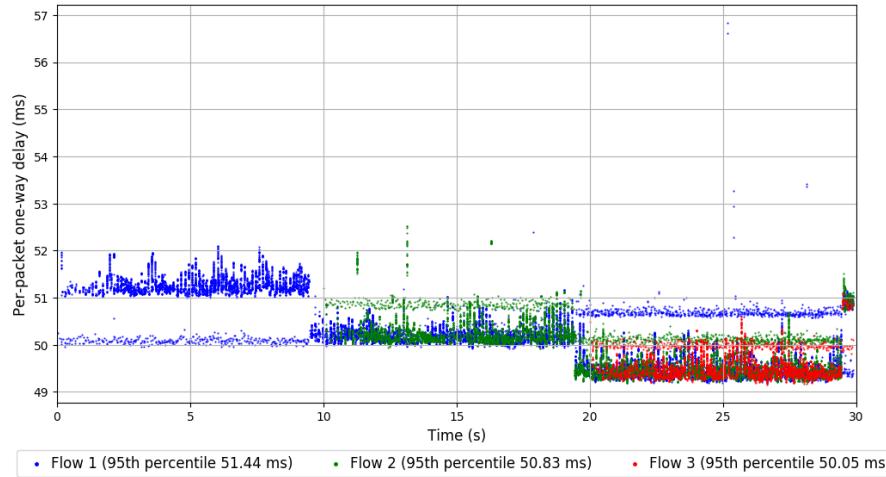
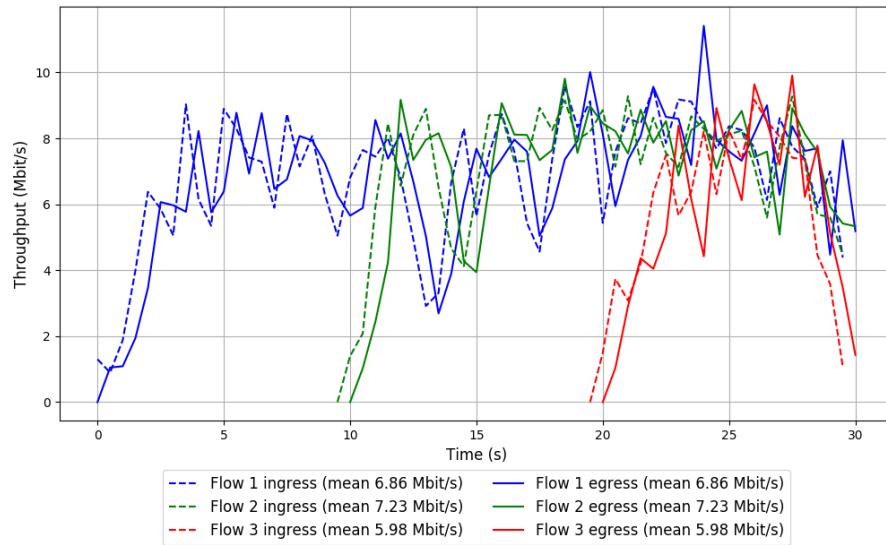


Run 5: Statistics of Sprout

```
Start at: 2018-07-26 19:58:12
End at: 2018-07-26 19:58:42
Local clock offset: -0.38 ms
Remote clock offset: -0.152 ms

# Below is generated by plot.py at 2018-07-27 00:59:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.66 Mbit/s
95th percentile per-packet one-way delay: 51.316 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.86 Mbit/s
95th percentile per-packet one-way delay: 51.443 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 7.23 Mbit/s
95th percentile per-packet one-way delay: 50.833 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 5.98 Mbit/s
95th percentile per-packet one-way delay: 50.046 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

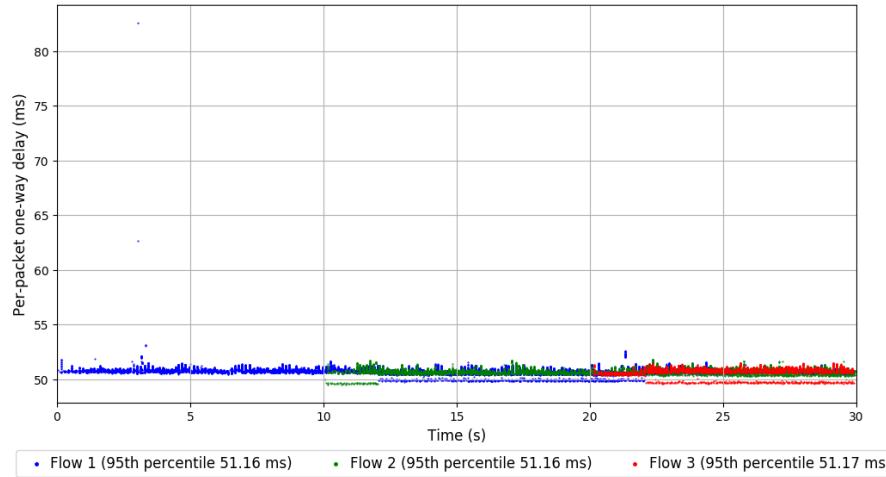
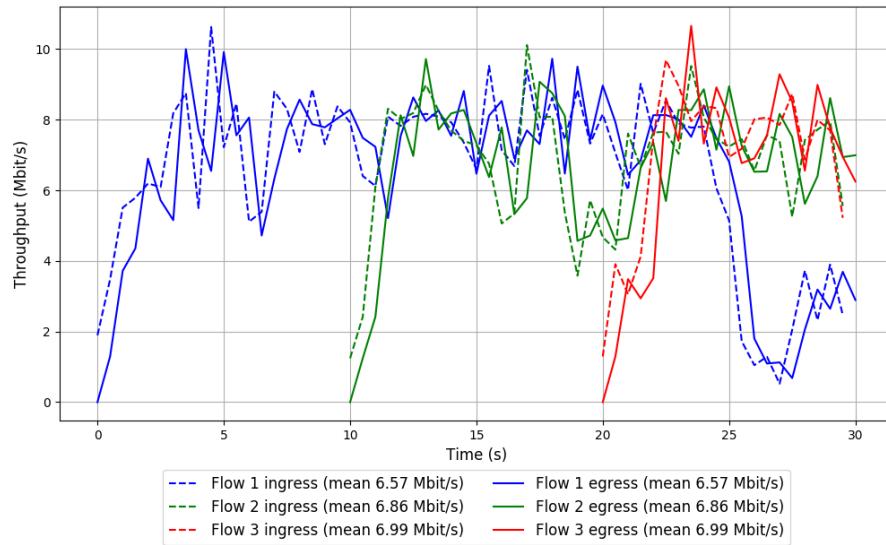


Run 6: Statistics of Sprout

```
Start at: 2018-07-26 20:22:59
End at: 2018-07-26 20:23:29
Local clock offset: -0.045 ms
Remote clock offset: -0.124 ms

# Below is generated by plot.py at 2018-07-27 00:59:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.42 Mbit/s
95th percentile per-packet one-way delay: 51.165 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.57 Mbit/s
95th percentile per-packet one-way delay: 51.165 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.86 Mbit/s
95th percentile per-packet one-way delay: 51.161 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 6.99 Mbit/s
95th percentile per-packet one-way delay: 51.171 ms
Loss rate: 0.00%
```

## Run 6: Report of Sprout — Data Link

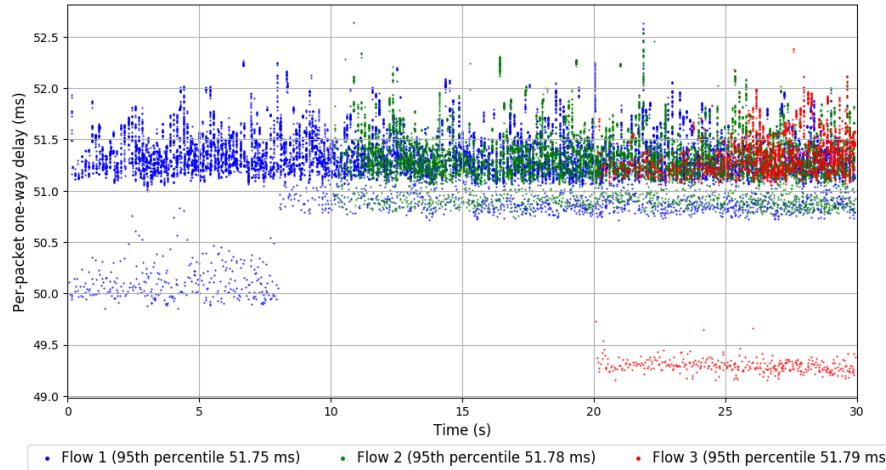
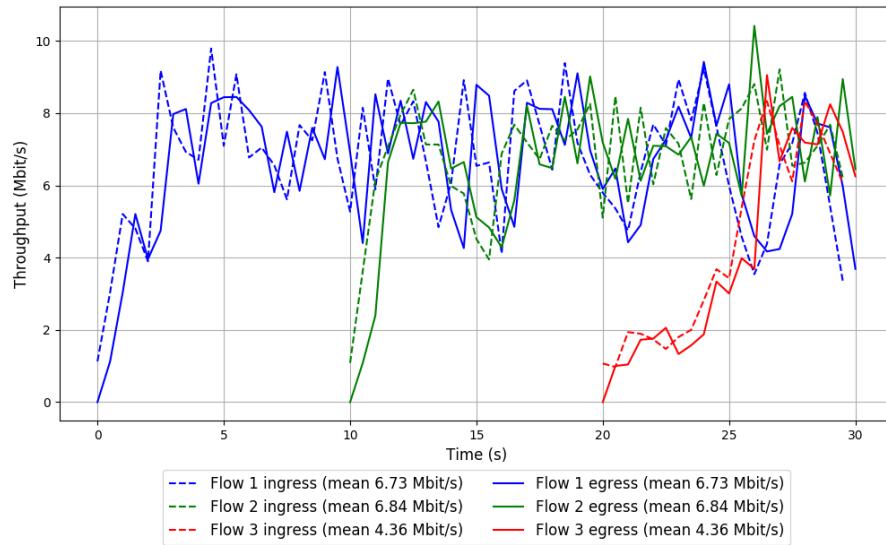


Run 7: Statistics of Sprout

```
Start at: 2018-07-26 20:47:53
End at: 2018-07-26 20:48:23
Local clock offset: -0.304 ms
Remote clock offset: -0.123 ms

# Below is generated by plot.py at 2018-07-27 00:59:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 12.70 Mbit/s
95th percentile per-packet one-way delay: 51.767 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.73 Mbit/s
95th percentile per-packet one-way delay: 51.752 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.84 Mbit/s
95th percentile per-packet one-way delay: 51.784 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.36 Mbit/s
95th percentile per-packet one-way delay: 51.792 ms
Loss rate: 0.00%
```

Run 7: Report of Sprout — Data Link

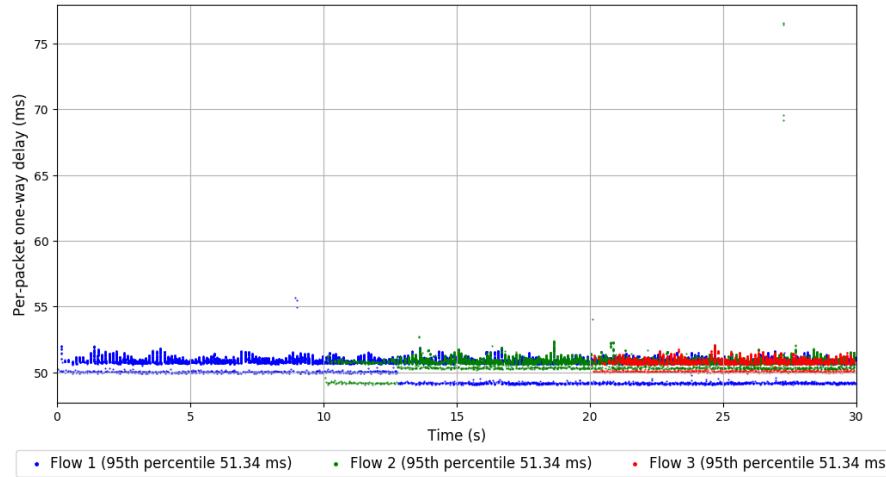
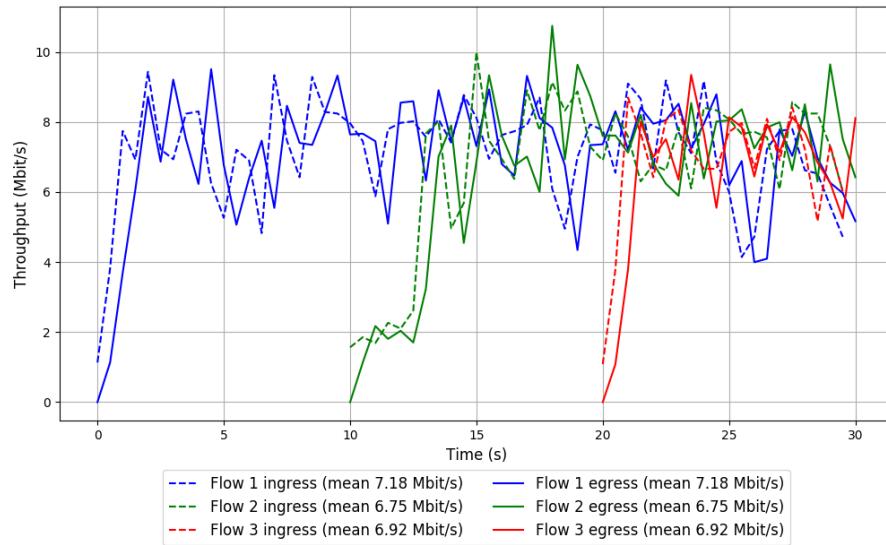


Run 8: Statistics of Sprout

```
Start at: 2018-07-26 21:12:39
End at: 2018-07-26 21:13:09
Local clock offset: -0.283 ms
Remote clock offset: -0.059 ms

# Below is generated by plot.py at 2018-07-27 00:59:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.94 Mbit/s
95th percentile per-packet one-way delay: 51.338 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.18 Mbit/s
95th percentile per-packet one-way delay: 51.340 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.75 Mbit/s
95th percentile per-packet one-way delay: 51.335 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 6.92 Mbit/s
95th percentile per-packet one-way delay: 51.339 ms
Loss rate: 0.00%
```

## Run 8: Report of Sprout — Data Link

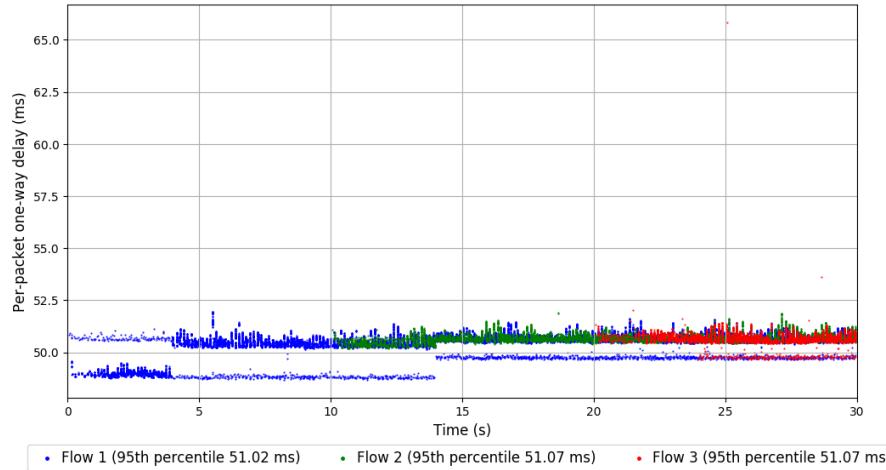
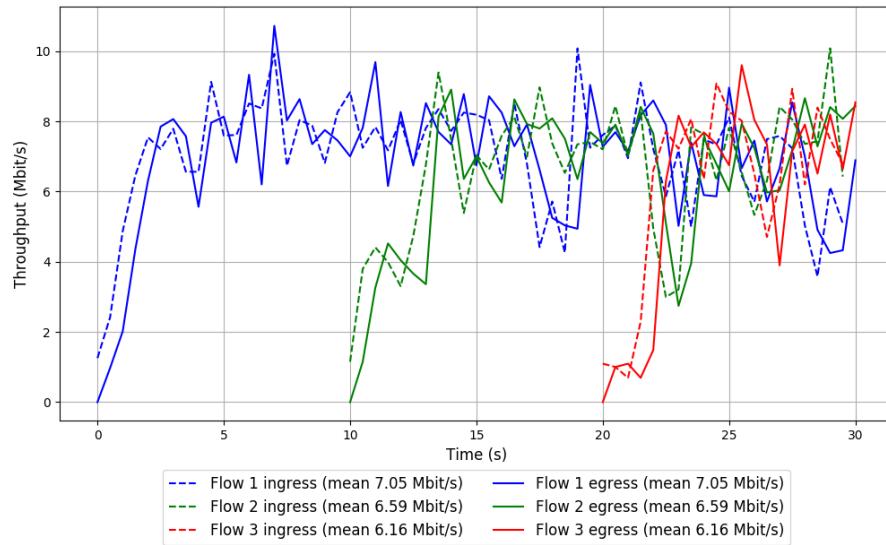


Run 9: Statistics of Sprout

```
Start at: 2018-07-26 21:37:38
End at: 2018-07-26 21:38:08
Local clock offset: 0.065 ms
Remote clock offset: -0.074 ms

# Below is generated by plot.py at 2018-07-27 00:59:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.46 Mbit/s
95th percentile per-packet one-way delay: 51.045 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.05 Mbit/s
95th percentile per-packet one-way delay: 51.020 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.59 Mbit/s
95th percentile per-packet one-way delay: 51.073 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 6.16 Mbit/s
95th percentile per-packet one-way delay: 51.074 ms
Loss rate: 0.00%
```

Run 9: Report of Sprout — Data Link

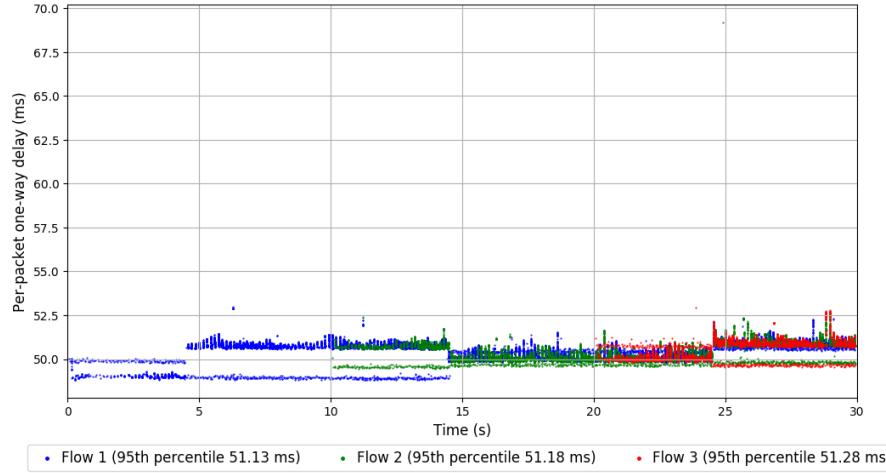
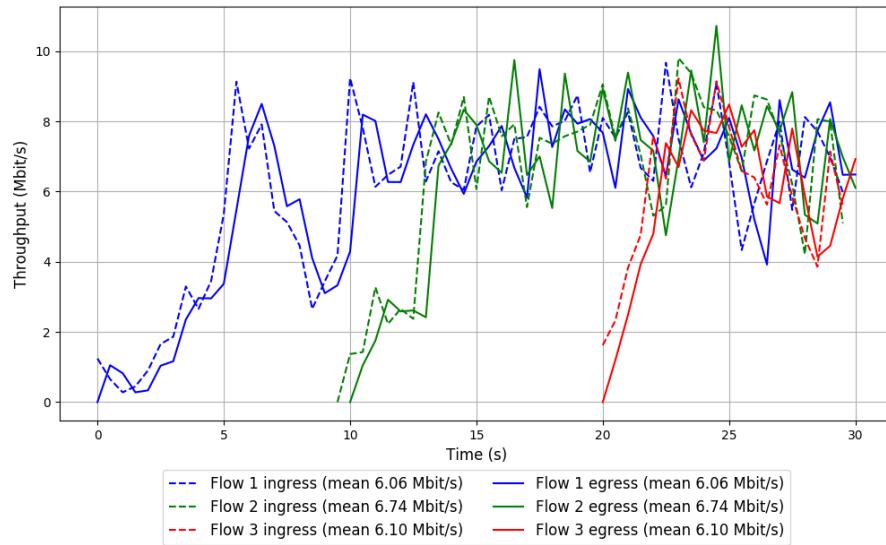


Run 10: Statistics of Sprout

```
Start at: 2018-07-26 22:02:37
End at: 2018-07-26 22:03:07
Local clock offset: -0.076 ms
Remote clock offset: -0.044 ms

# Below is generated by plot.py at 2018-07-27 00:59:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 12.55 Mbit/s
95th percentile per-packet one-way delay: 51.163 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.06 Mbit/s
95th percentile per-packet one-way delay: 51.126 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.74 Mbit/s
95th percentile per-packet one-way delay: 51.184 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 6.10 Mbit/s
95th percentile per-packet one-way delay: 51.276 ms
Loss rate: 0.00%
```

Run 10: Report of Sprout — Data Link

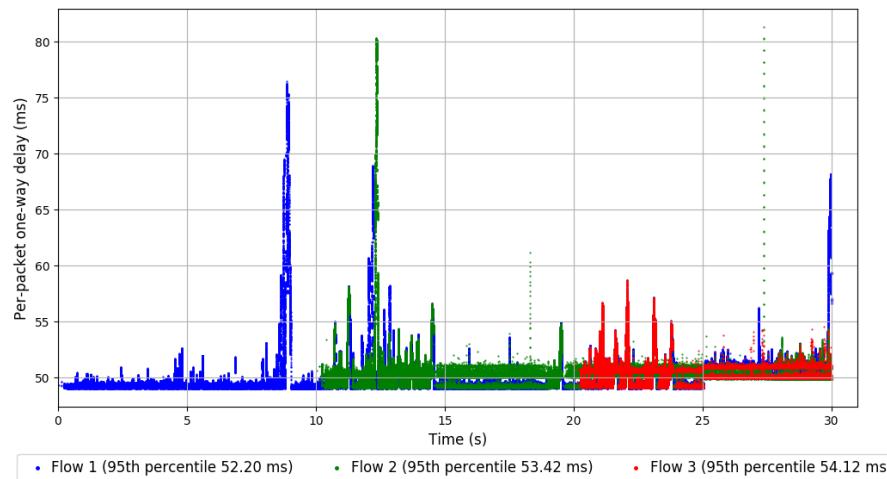
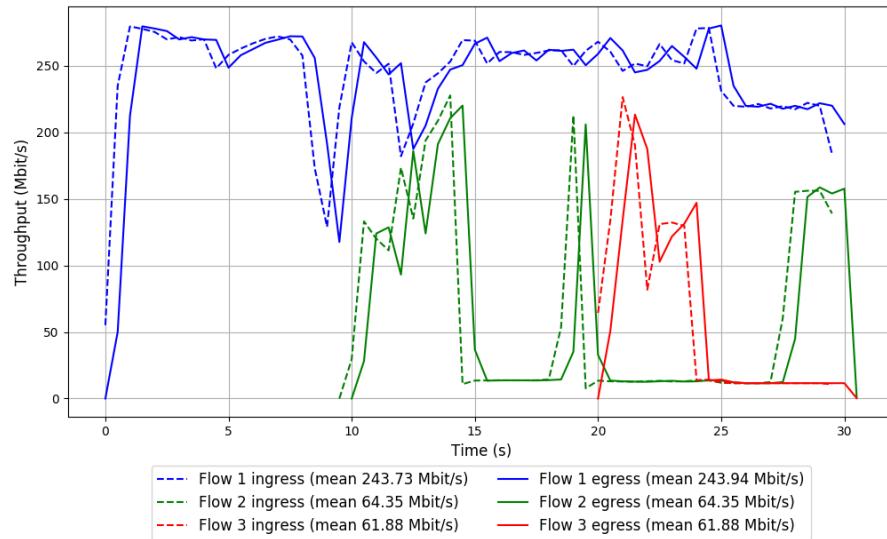


Run 1: Statistics of TaoVA-100x

```
Start at: 2018-07-26 18:34:47
End at: 2018-07-26 18:35:17
Local clock offset: -0.462 ms
Remote clock offset: 0.022 ms

# Below is generated by plot.py at 2018-07-27 01:02:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 307.19 Mbit/s
95th percentile per-packet one-way delay: 52.597 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 243.94 Mbit/s
95th percentile per-packet one-way delay: 52.196 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 64.35 Mbit/s
95th percentile per-packet one-way delay: 53.418 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 61.88 Mbit/s
95th percentile per-packet one-way delay: 54.124 ms
Loss rate: 0.00%
```

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

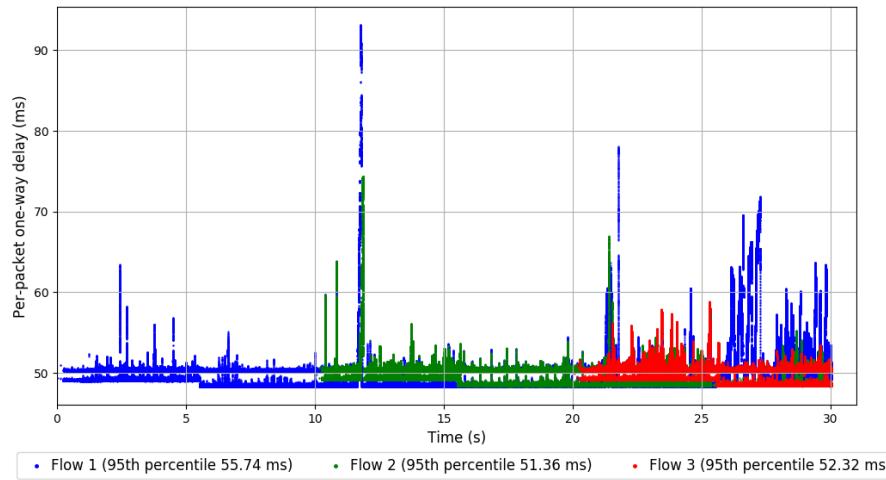
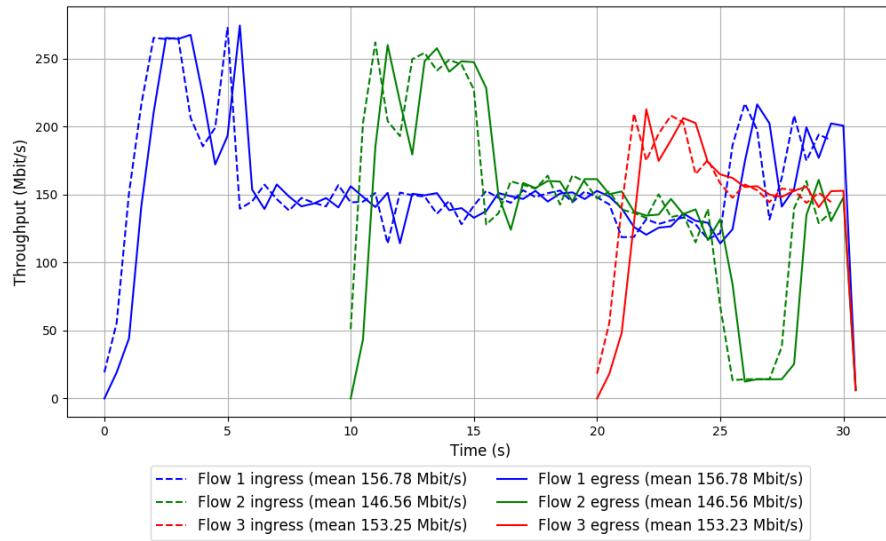


Run 2: Statistics of TaoVA-100x

```
Start at: 2018-07-26 18:59:46
End at: 2018-07-26 19:00:16
Local clock offset: 0.294 ms
Remote clock offset: 0.011 ms

# Below is generated by plot.py at 2018-07-27 01:02:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 305.35 Mbit/s
95th percentile per-packet one-way delay: 53.045 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 156.78 Mbit/s
95th percentile per-packet one-way delay: 55.740 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 146.56 Mbit/s
95th percentile per-packet one-way delay: 51.361 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 153.23 Mbit/s
95th percentile per-packet one-way delay: 52.318 ms
Loss rate: 0.00%
```

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

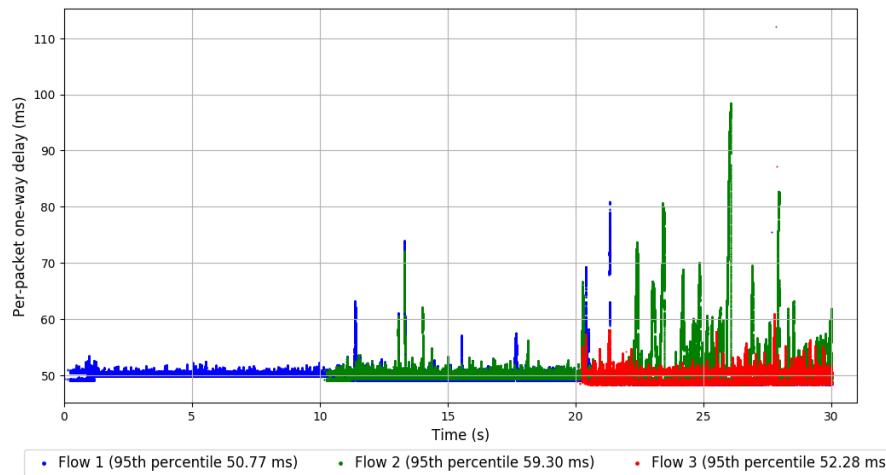
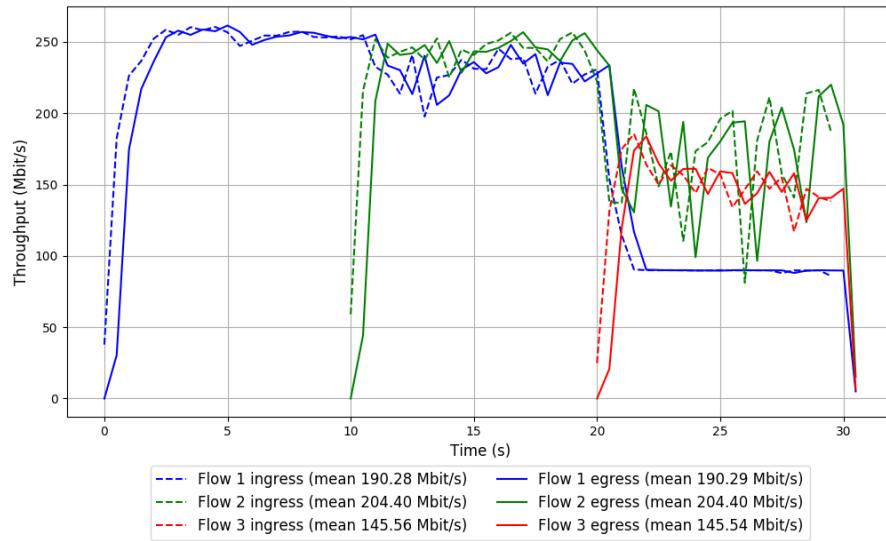


Run 3: Statistics of TaoVA-100x

```
Start at: 2018-07-26 19:24:50
End at: 2018-07-26 19:25:20
Local clock offset: 0.292 ms
Remote clock offset: -0.072 ms

# Below is generated by plot.py at 2018-07-27 01:04:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 374.79 Mbit/s
95th percentile per-packet one-way delay: 53.605 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 190.29 Mbit/s
95th percentile per-packet one-way delay: 50.768 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 204.40 Mbit/s
95th percentile per-packet one-way delay: 59.300 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 145.54 Mbit/s
95th percentile per-packet one-way delay: 52.283 ms
Loss rate: 0.00%
```

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

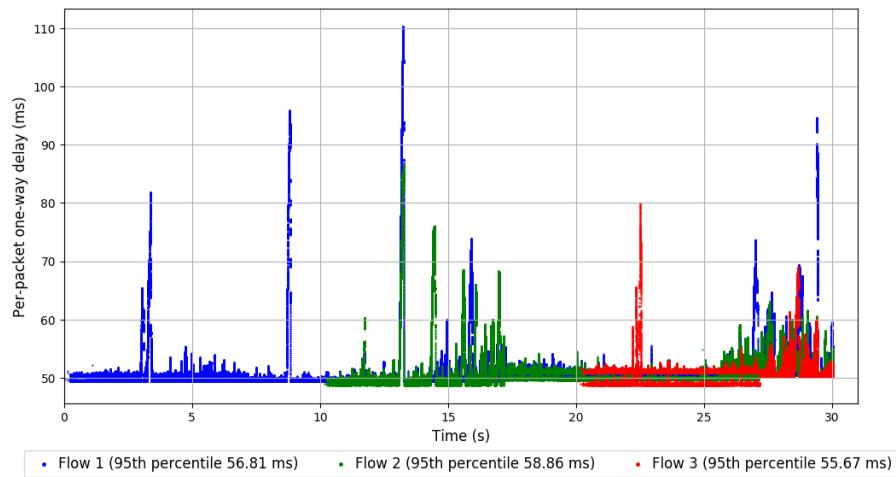
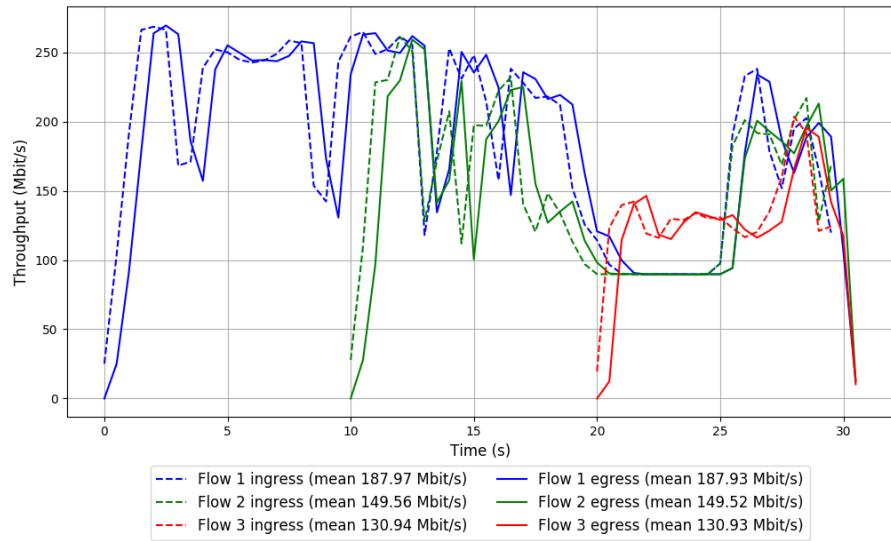


Run 4: Statistics of TaoVA-100x

```
Start at: 2018-07-26 19:50:04
End at: 2018-07-26 19:50:34
Local clock offset: -0.079 ms
Remote clock offset: -0.162 ms

# Below is generated by plot.py at 2018-07-27 01:04:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 331.01 Mbit/s
95th percentile per-packet one-way delay: 57.857 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 187.93 Mbit/s
95th percentile per-packet one-way delay: 56.810 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 149.52 Mbit/s
95th percentile per-packet one-way delay: 58.861 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 130.93 Mbit/s
95th percentile per-packet one-way delay: 55.675 ms
Loss rate: 0.00%
```

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

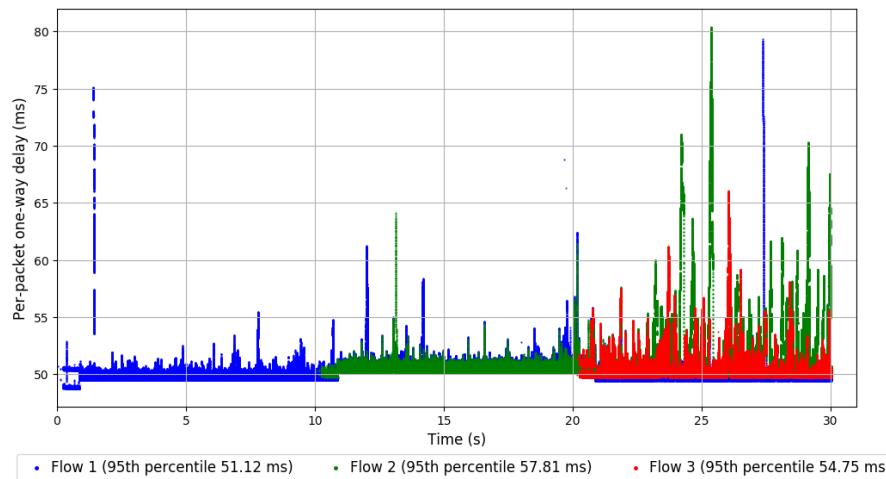
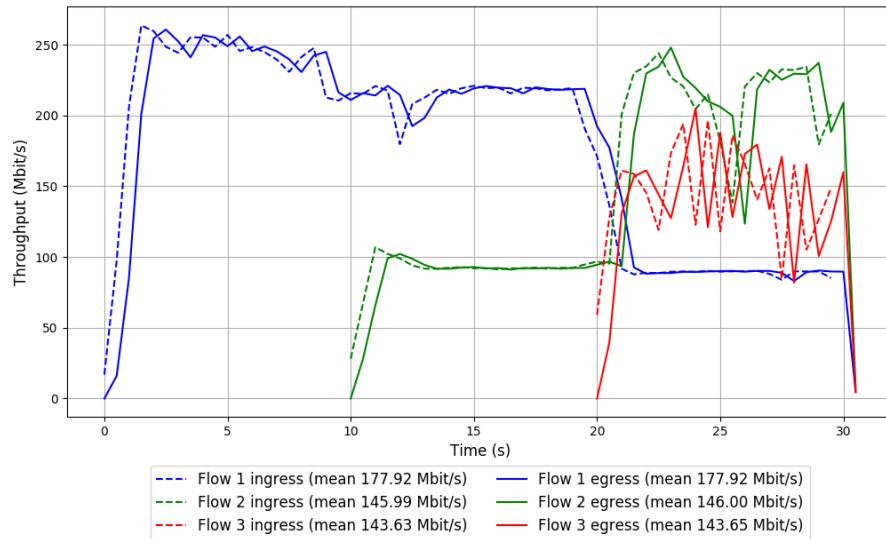


Run 5: Statistics of TaoVA-100x

```
Start at: 2018-07-26 20:15:01
End at: 2018-07-26 20:15:31
Local clock offset: 0.026 ms
Remote clock offset: -0.121 ms

# Below is generated by plot.py at 2018-07-27 01:04:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 322.89 Mbit/s
95th percentile per-packet one-way delay: 54.321 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 177.92 Mbit/s
95th percentile per-packet one-way delay: 51.116 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 146.00 Mbit/s
95th percentile per-packet one-way delay: 57.815 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 143.65 Mbit/s
95th percentile per-packet one-way delay: 54.749 ms
Loss rate: 0.00%
```

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

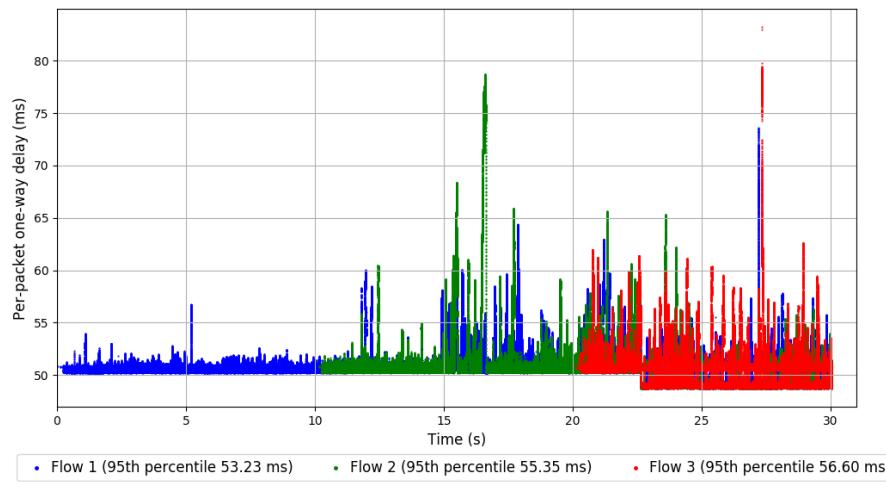
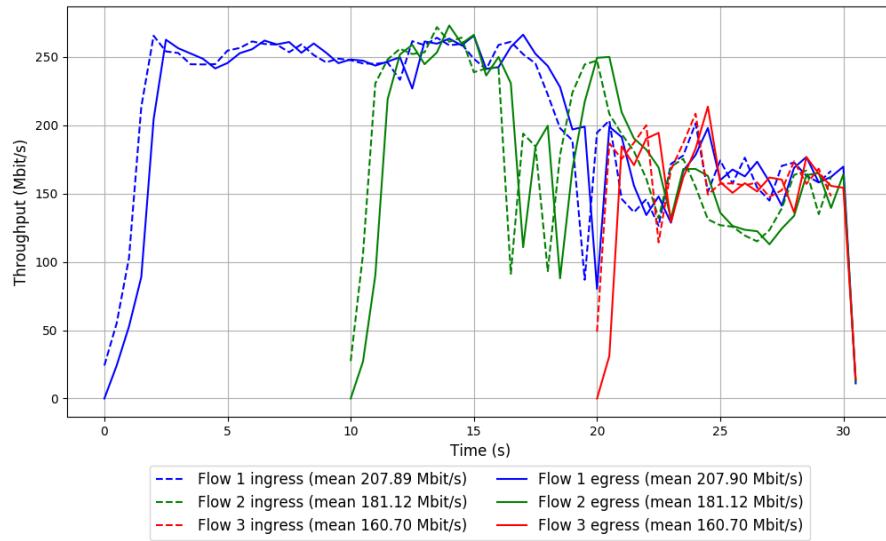


Run 6: Statistics of TaoVA-100x

```
Start at: 2018-07-26 20:39:49
End at: 2018-07-26 20:40:19
Local clock offset: 0.032 ms
Remote clock offset: -0.109 ms

# Below is generated by plot.py at 2018-07-27 01:05:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 381.90 Mbit/s
95th percentile per-packet one-way delay: 54.561 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 207.90 Mbit/s
95th percentile per-packet one-way delay: 53.226 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 181.12 Mbit/s
95th percentile per-packet one-way delay: 55.348 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 160.70 Mbit/s
95th percentile per-packet one-way delay: 56.597 ms
Loss rate: 0.00%
```

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

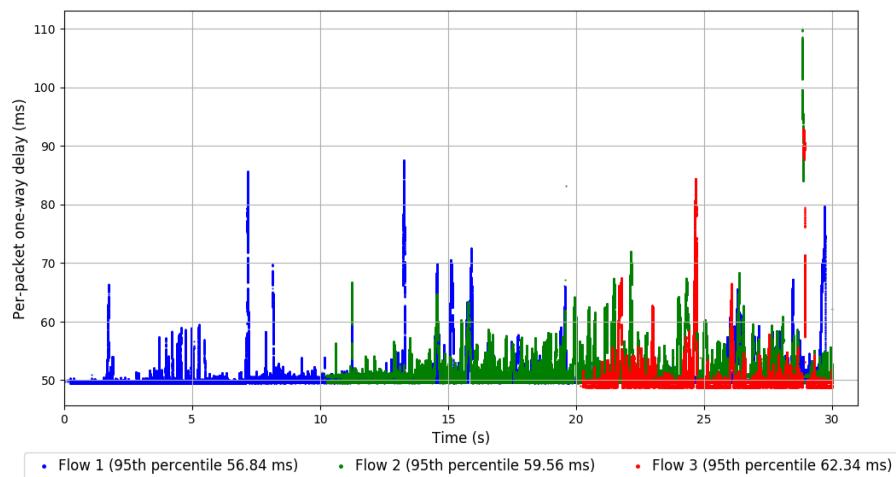
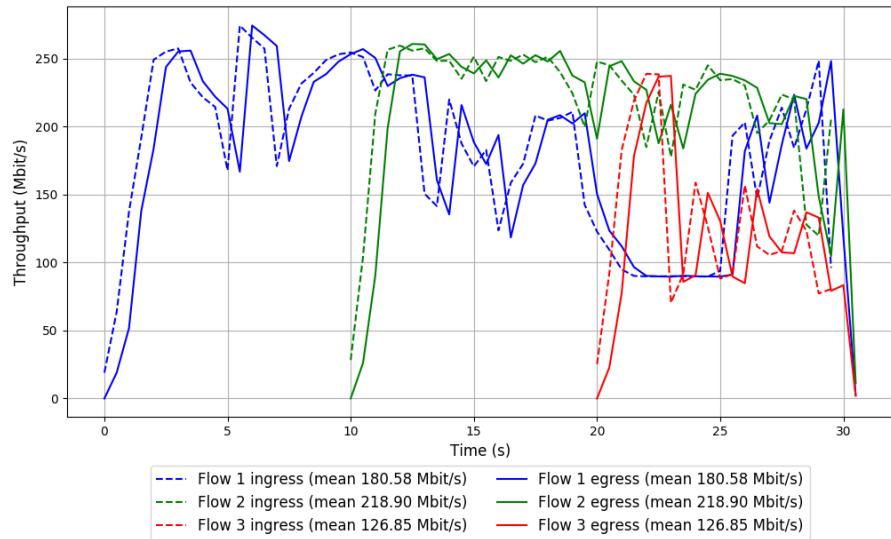


Run 7: Statistics of TaoVA-100x

```
Start at: 2018-07-26 21:04:35
End at: 2018-07-26 21:05:05
Local clock offset: 0.062 ms
Remote clock offset: -0.075 ms

# Below is generated by plot.py at 2018-07-27 01:09:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 368.40 Mbit/s
95th percentile per-packet one-way delay: 58.720 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 180.58 Mbit/s
95th percentile per-packet one-way delay: 56.835 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 218.90 Mbit/s
95th percentile per-packet one-way delay: 59.561 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 126.85 Mbit/s
95th percentile per-packet one-way delay: 62.339 ms
Loss rate: 0.00%
```

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

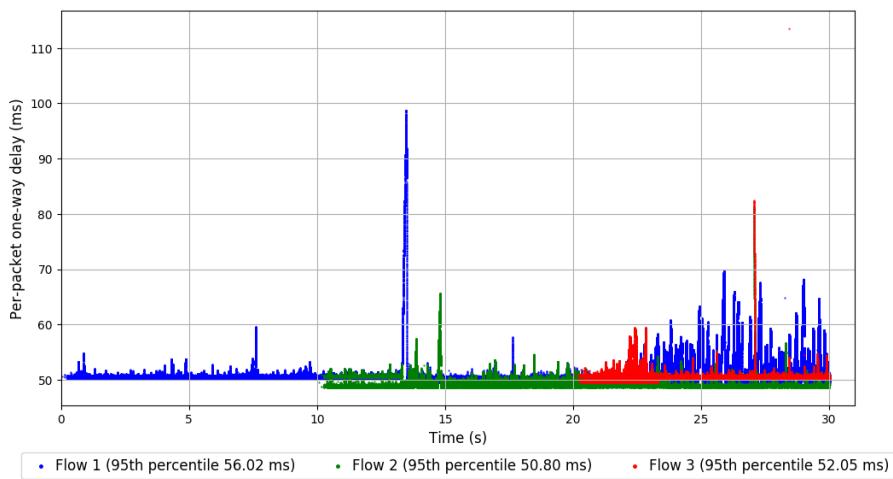
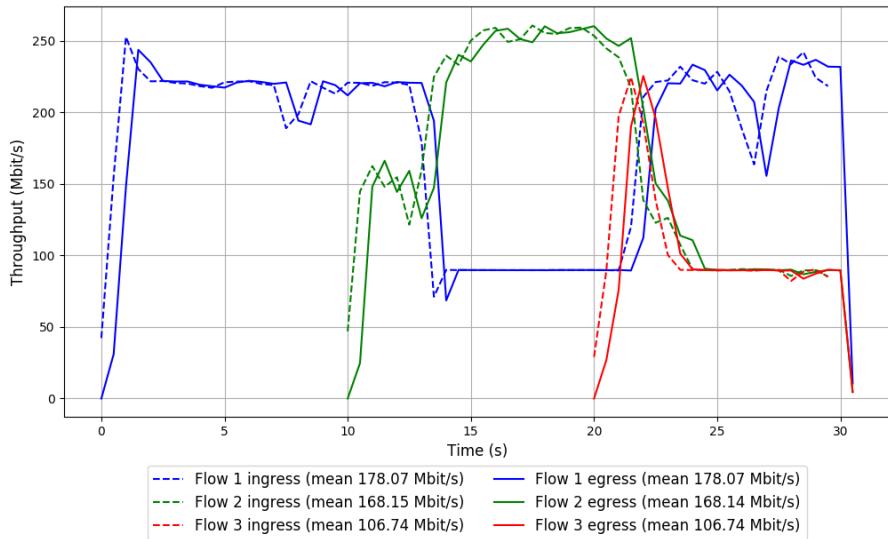


Run 8: Statistics of TaoVA-100x

```
Start at: 2018-07-26 21:29:38
End at: 2018-07-26 21:30:08
Local clock offset: 0.09 ms
Remote clock offset: -0.064 ms

# Below is generated by plot.py at 2018-07-27 01:10:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 325.44 Mbit/s
95th percentile per-packet one-way delay: 54.073 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 178.07 Mbit/s
95th percentile per-packet one-way delay: 56.025 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 168.14 Mbit/s
95th percentile per-packet one-way delay: 50.801 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 106.74 Mbit/s
95th percentile per-packet one-way delay: 52.050 ms
Loss rate: 0.00%
```

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

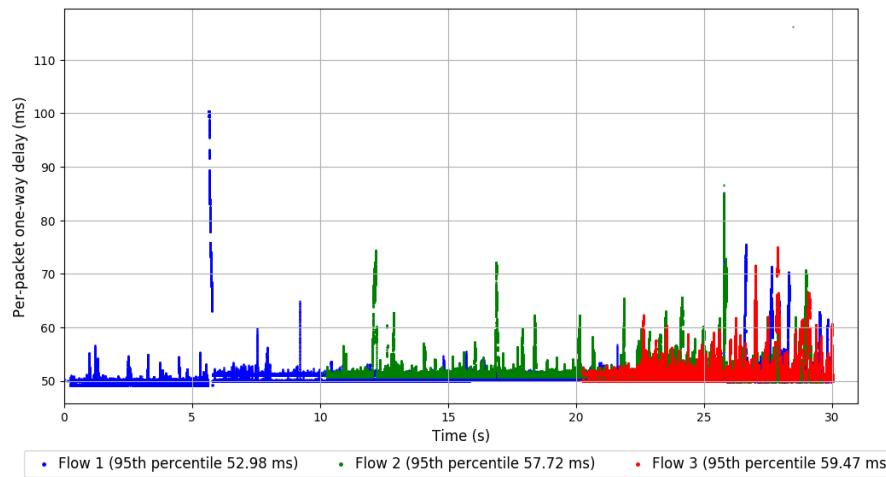
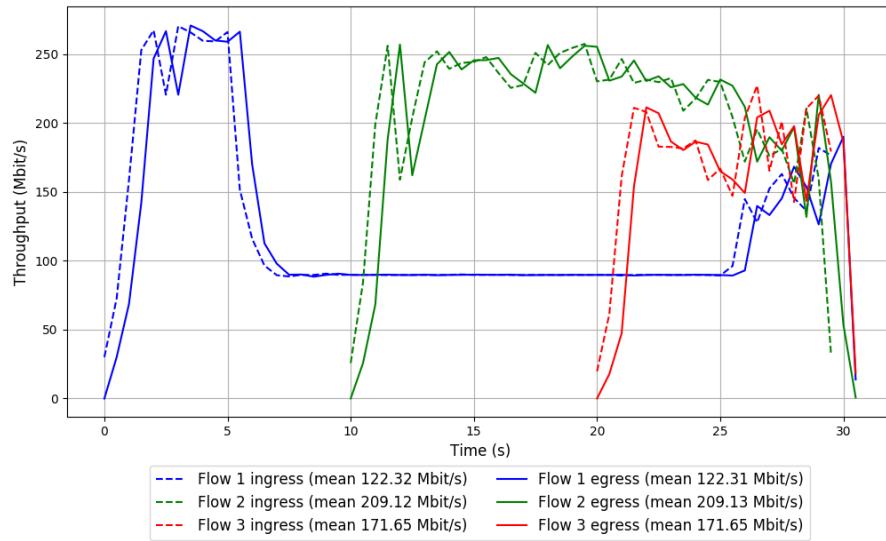


Run 9: Statistics of TaoVA-100x

```
Start at: 2018-07-26 21:54:36
End at: 2018-07-26 21:55:06
Local clock offset: -0.427 ms
Remote clock offset: -0.019 ms

# Below is generated by plot.py at 2018-07-27 01:13:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 318.65 Mbit/s
95th percentile per-packet one-way delay: 57.179 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 122.31 Mbit/s
95th percentile per-packet one-way delay: 52.977 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 209.13 Mbit/s
95th percentile per-packet one-way delay: 57.722 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 171.65 Mbit/s
95th percentile per-packet one-way delay: 59.472 ms
Loss rate: 0.00%
```

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

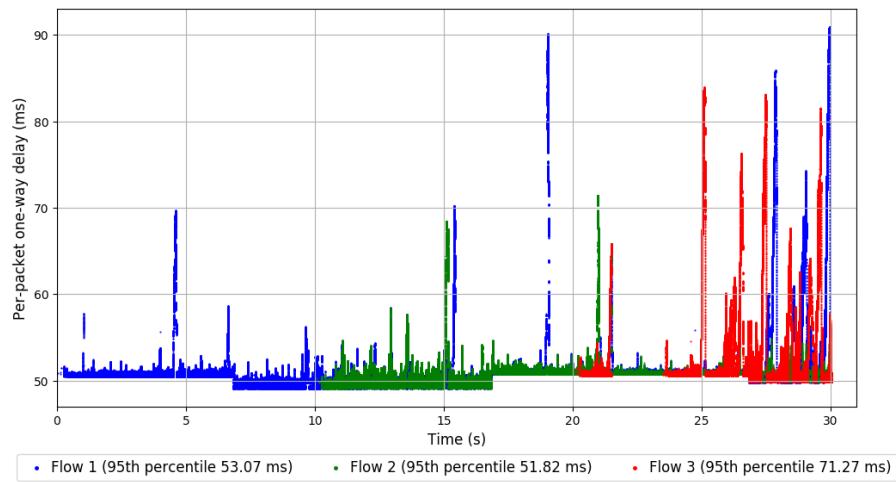
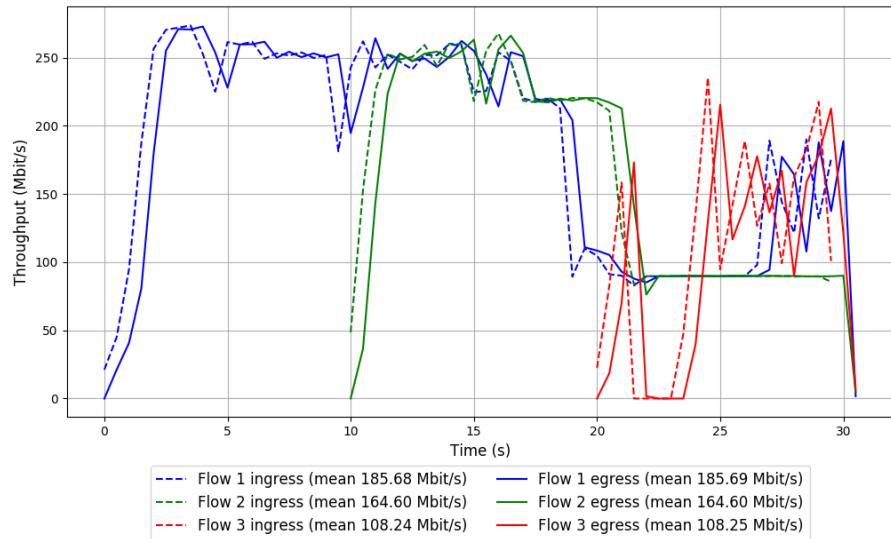


Run 10: Statistics of TaoVA-100x

```
Start at: 2018-07-26 22:19:25
End at: 2018-07-26 22:19:55
Local clock offset: -0.541 ms
Remote clock offset: -0.081 ms

# Below is generated by plot.py at 2018-07-27 01:13:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 331.27 Mbit/s
95th percentile per-packet one-way delay: 55.766 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 185.69 Mbit/s
95th percentile per-packet one-way delay: 53.067 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 164.60 Mbit/s
95th percentile per-packet one-way delay: 51.818 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 108.25 Mbit/s
95th percentile per-packet one-way delay: 71.270 ms
Loss rate: 0.00%
```

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

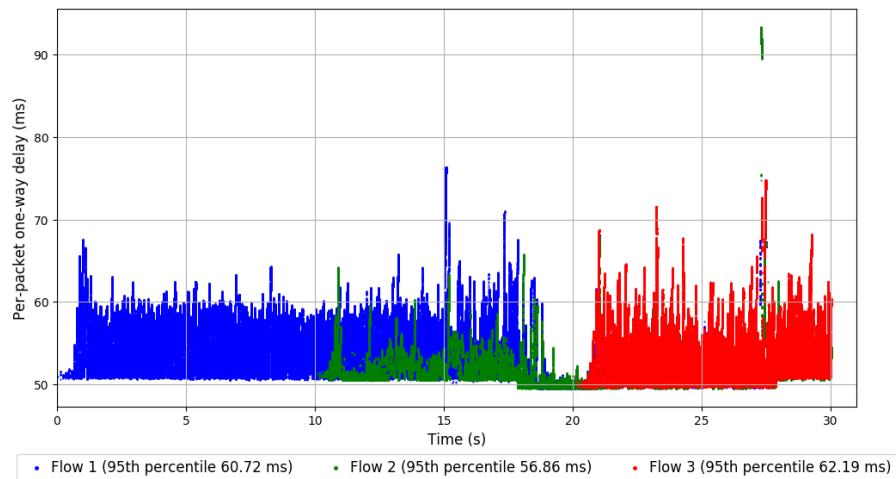
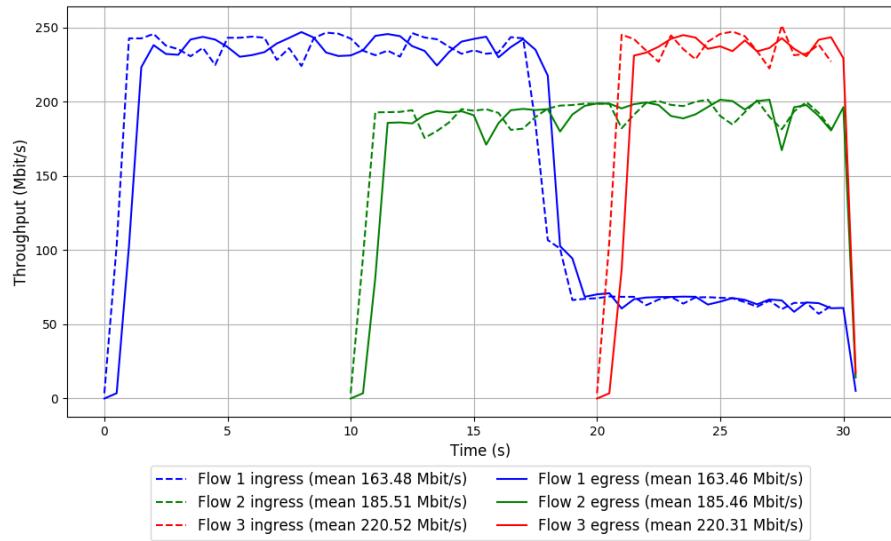


Run 1: Statistics of TCP Vegas

```
Start at: 2018-07-26 18:37:34
End at: 2018-07-26 18:38:04
Local clock offset: -0.121 ms
Remote clock offset: -0.015 ms

# Below is generated by plot.py at 2018-07-27 01:13:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 360.04 Mbit/s
95th percentile per-packet one-way delay: 60.507 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 163.46 Mbit/s
95th percentile per-packet one-way delay: 60.724 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 185.46 Mbit/s
95th percentile per-packet one-way delay: 56.863 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 220.31 Mbit/s
95th percentile per-packet one-way delay: 62.186 ms
Loss rate: 0.00%
```

Run 1: Report of TCP Vegas — Data Link

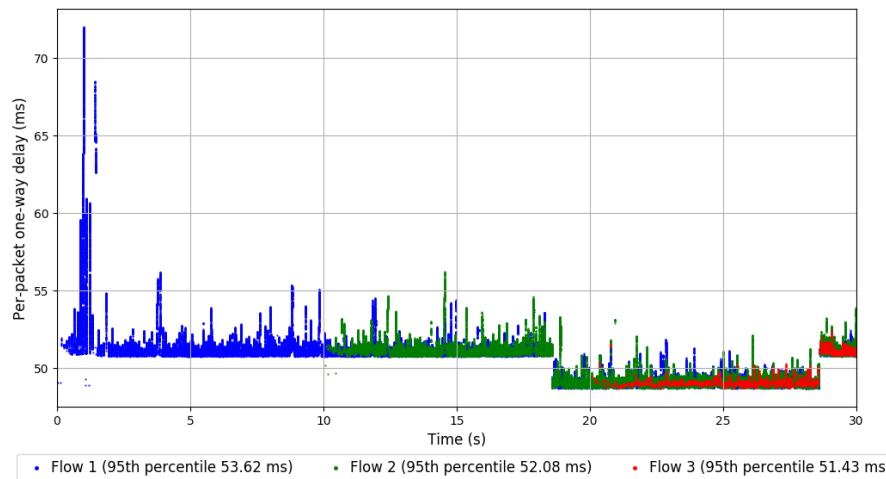
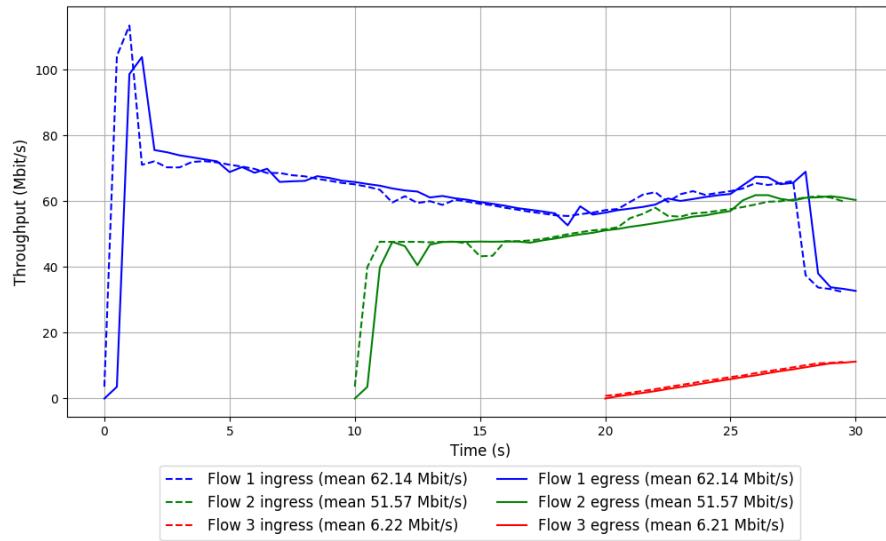


Run 2: Statistics of TCP Vegas

```
Start at: 2018-07-26 19:02:33
End at: 2018-07-26 19:03:03
Local clock offset: -0.087 ms
Remote clock offset: 0.006 ms

# Below is generated by plot.py at 2018-07-27 01:13:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 98.53 Mbit/s
95th percentile per-packet one-way delay: 52.747 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 62.14 Mbit/s
95th percentile per-packet one-way delay: 53.620 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 51.57 Mbit/s
95th percentile per-packet one-way delay: 52.083 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 6.21 Mbit/s
95th percentile per-packet one-way delay: 51.431 ms
Loss rate: 0.10%
```

Run 2: Report of TCP Vegas — Data Link

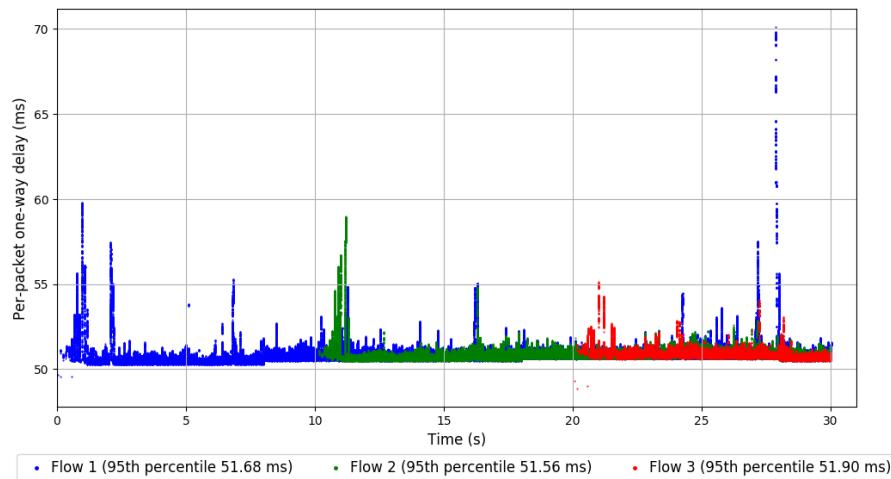
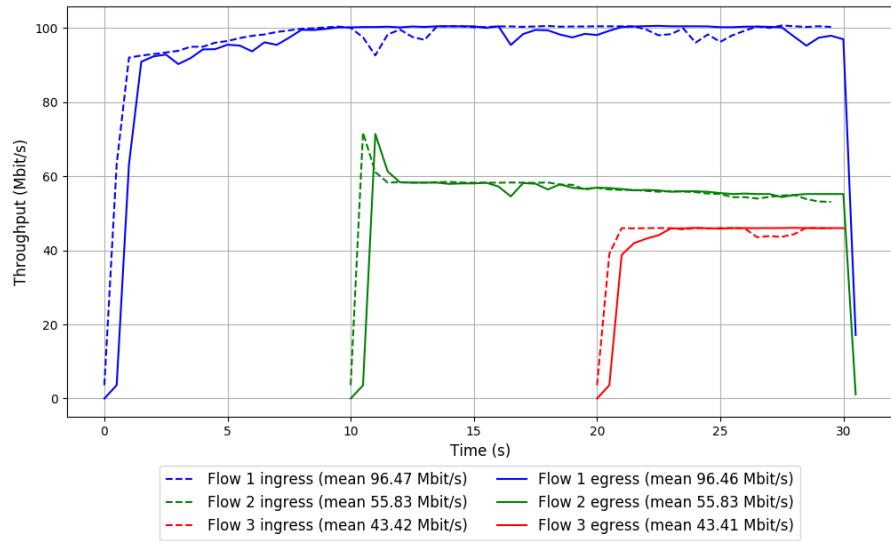


Run 3: Statistics of TCP Vegas

```
Start at: 2018-07-26 19:27:44
End at: 2018-07-26 19:28:14
Local clock offset: -0.07 ms
Remote clock offset: -0.087 ms

# Below is generated by plot.py at 2018-07-27 01:13:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 147.99 Mbit/s
95th percentile per-packet one-way delay: 51.660 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.46 Mbit/s
95th percentile per-packet one-way delay: 51.680 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 55.83 Mbit/s
95th percentile per-packet one-way delay: 51.561 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 43.41 Mbit/s
95th percentile per-packet one-way delay: 51.895 ms
Loss rate: 0.00%
```

Run 3: Report of TCP Vegas — Data Link

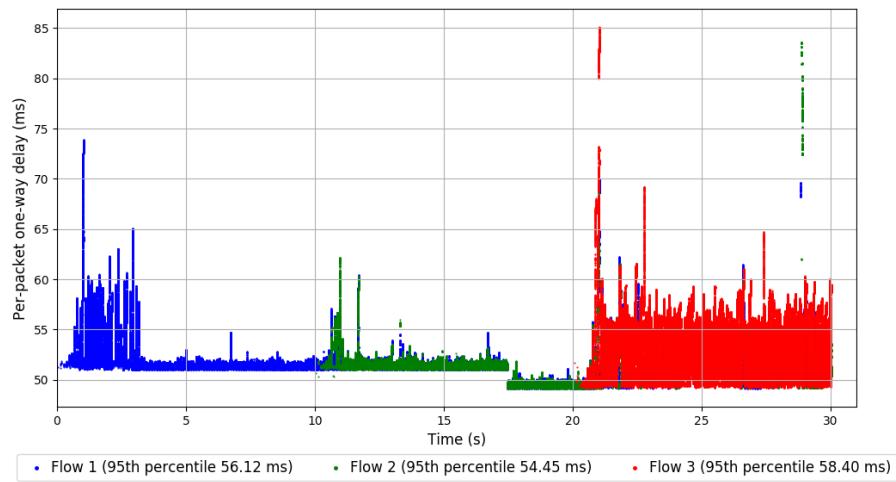
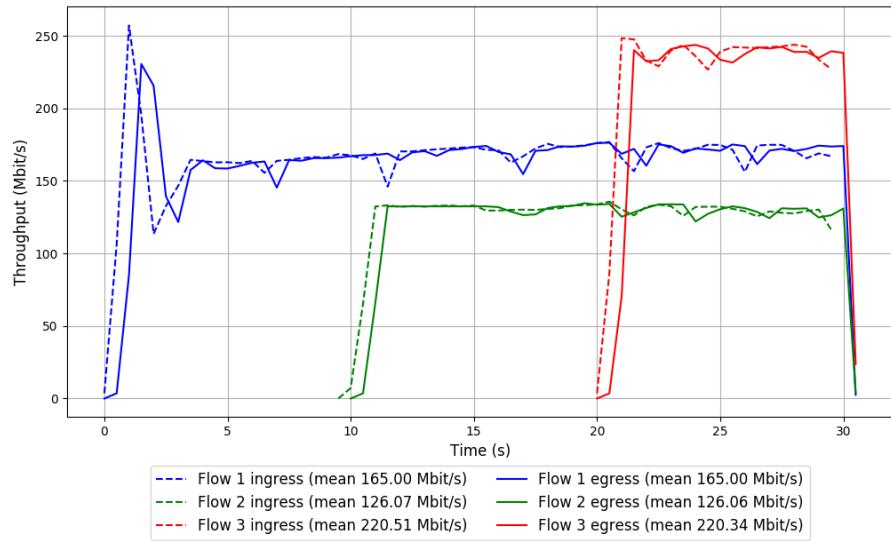


Run 4: Statistics of TCP Vegas

```
Start at: 2018-07-26 19:52:54
End at: 2018-07-26 19:53:24
Local clock offset: -0.425 ms
Remote clock offset: -0.113 ms

# Below is generated by plot.py at 2018-07-27 01:13:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 322.27 Mbit/s
95th percentile per-packet one-way delay: 57.034 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 165.00 Mbit/s
95th percentile per-packet one-way delay: 56.116 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 126.06 Mbit/s
95th percentile per-packet one-way delay: 54.452 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 220.34 Mbit/s
95th percentile per-packet one-way delay: 58.399 ms
Loss rate: 0.00%
```

Run 4: Report of TCP Vegas — Data Link

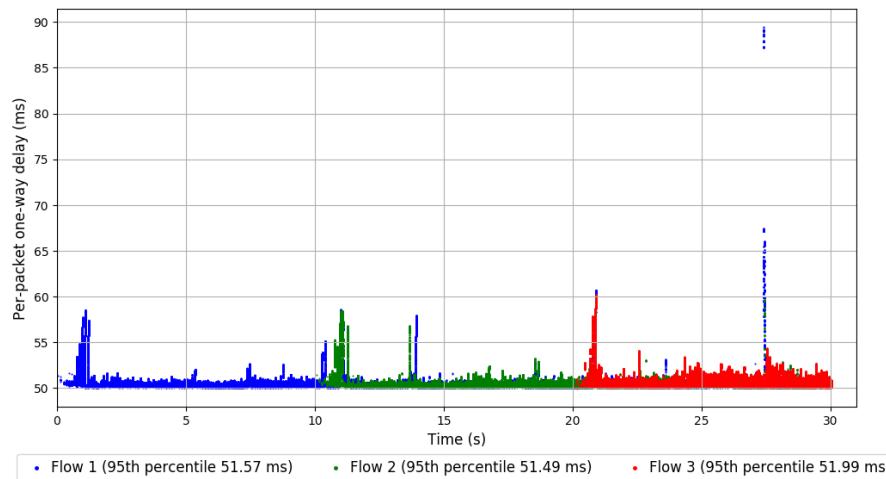
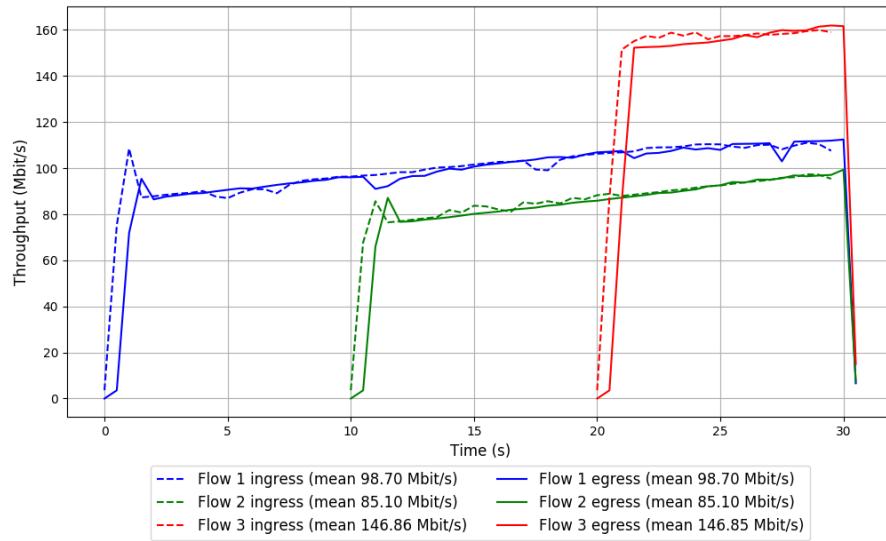


Run 5: Statistics of TCP Vegas

```
Start at: 2018-07-26 20:17:50
End at: 2018-07-26 20:18:20
Local clock offset: -0.374 ms
Remote clock offset: -0.116 ms

# Below is generated by plot.py at 2018-07-27 01:13:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 204.19 Mbit/s
95th percentile per-packet one-way delay: 51.733 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 98.70 Mbit/s
95th percentile per-packet one-way delay: 51.569 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 85.10 Mbit/s
95th percentile per-packet one-way delay: 51.494 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 146.85 Mbit/s
95th percentile per-packet one-way delay: 51.994 ms
Loss rate: 0.00%
```

Run 5: Report of TCP Vegas — Data Link

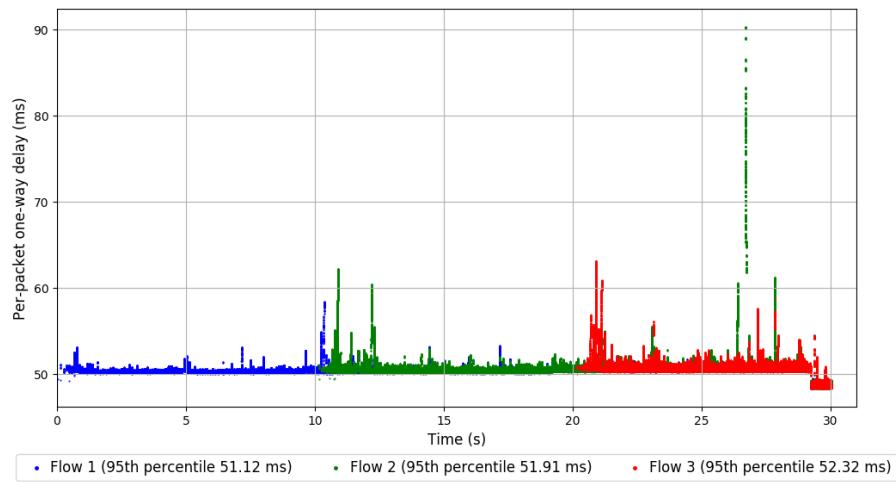
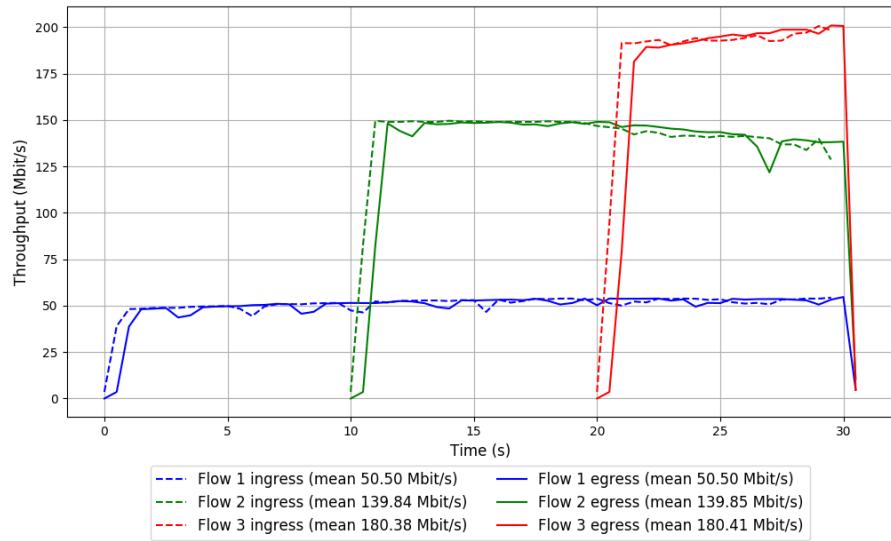


Run 6: Statistics of TCP Vegas

```
Start at: 2018-07-26 20:42:42
End at: 2018-07-26 20:43:12
Local clock offset: 0.423 ms
Remote clock offset: -0.136 ms

# Below is generated by plot.py at 2018-07-27 01:13:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 203.52 Mbit/s
95th percentile per-packet one-way delay: 51.845 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.50 Mbit/s
95th percentile per-packet one-way delay: 51.118 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 139.85 Mbit/s
95th percentile per-packet one-way delay: 51.912 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 180.41 Mbit/s
95th percentile per-packet one-way delay: 52.319 ms
Loss rate: 0.00%
```

Run 6: Report of TCP Vegas — Data Link

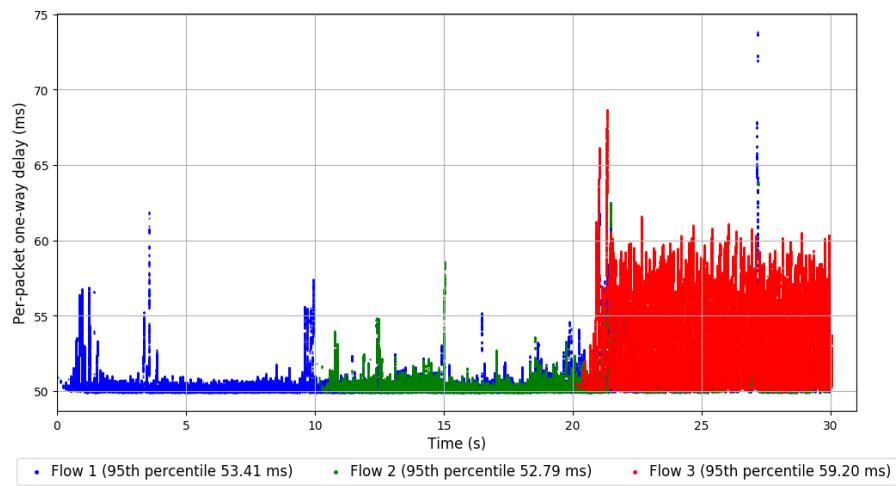
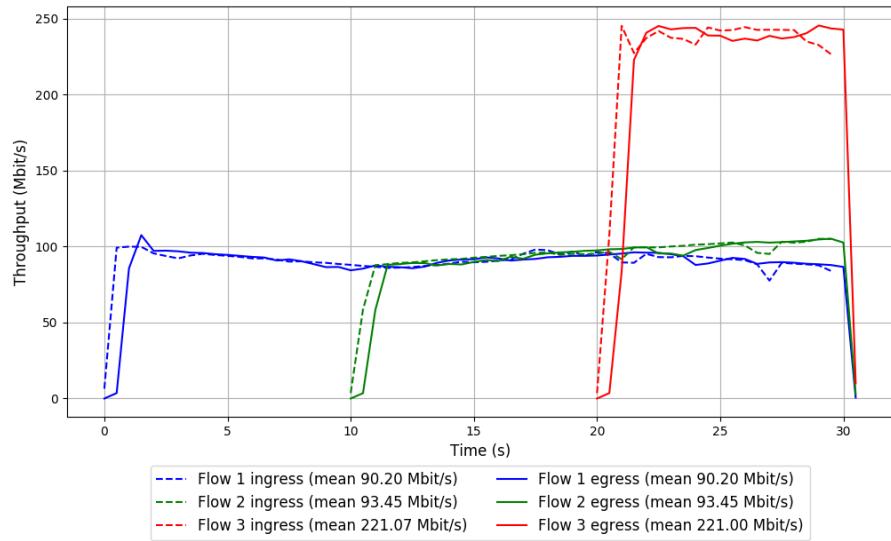


Run 7: Statistics of TCP Vegas

```
Start at: 2018-07-26 21:07:28
End at: 2018-07-26 21:07:58
Local clock offset: -0.298 ms
Remote clock offset: -0.052 ms

# Below is generated by plot.py at 2018-07-27 01:13:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 225.71 Mbit/s
95th percentile per-packet one-way delay: 58.146 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.20 Mbit/s
95th percentile per-packet one-way delay: 53.414 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 93.45 Mbit/s
95th percentile per-packet one-way delay: 52.792 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 221.00 Mbit/s
95th percentile per-packet one-way delay: 59.197 ms
Loss rate: 0.00%
```

Run 7: Report of TCP Vegas — Data Link

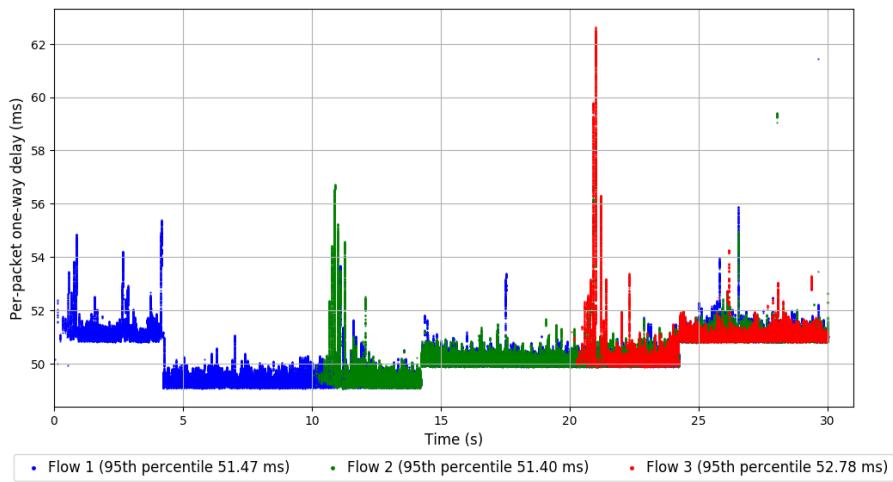
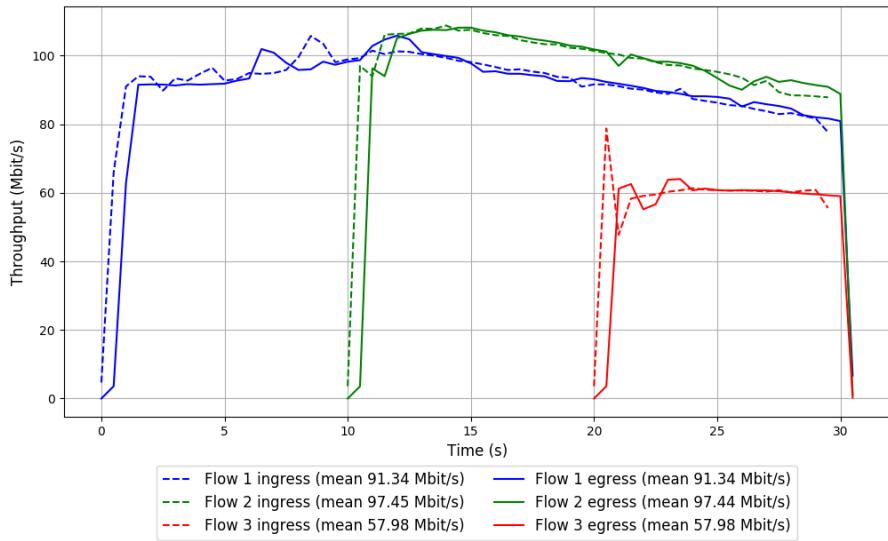


Run 8: Statistics of TCP Vegas

```
Start at: 2018-07-26 21:32:27
End at: 2018-07-26 21:32:57
Local clock offset: -0.288 ms
Remote clock offset: -0.044 ms

# Below is generated by plot.py at 2018-07-27 01:13:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 175.39 Mbit/s
95th percentile per-packet one-way delay: 51.510 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 91.34 Mbit/s
95th percentile per-packet one-way delay: 51.470 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 97.44 Mbit/s
95th percentile per-packet one-way delay: 51.401 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 57.98 Mbit/s
95th percentile per-packet one-way delay: 52.777 ms
Loss rate: 0.00%
```

Run 8: Report of TCP Vegas — Data Link

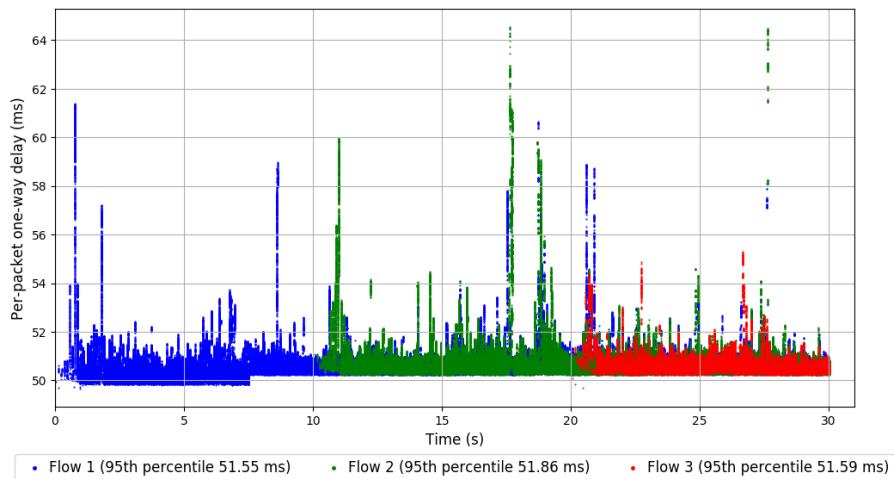
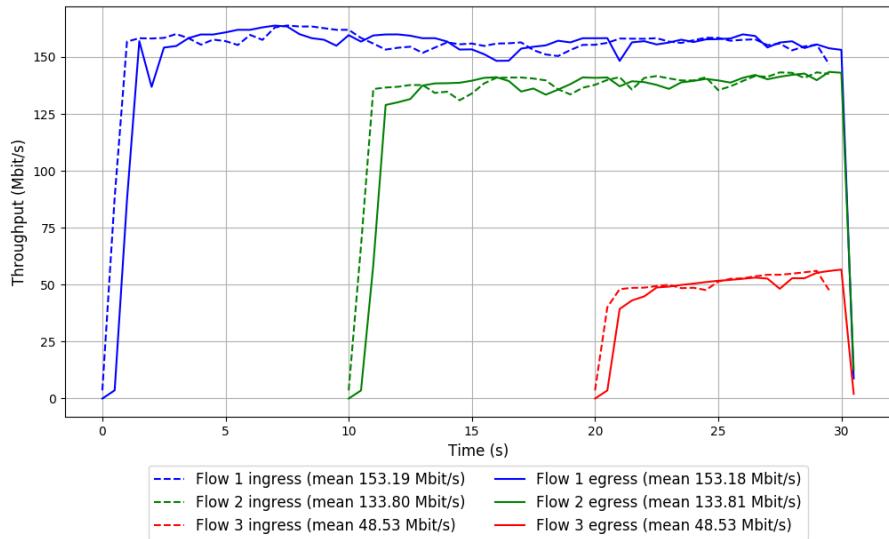


Run 9: Statistics of TCP Vegas

```
Start at: 2018-07-26 21:57:24
End at: 2018-07-26 21:57:54
Local clock offset: -0.087 ms
Remote clock offset: -0.047 ms

# Below is generated by plot.py at 2018-07-27 01:14:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 258.40 Mbit/s
95th percentile per-packet one-way delay: 51.648 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 153.18 Mbit/s
95th percentile per-packet one-way delay: 51.551 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 133.81 Mbit/s
95th percentile per-packet one-way delay: 51.857 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 48.53 Mbit/s
95th percentile per-packet one-way delay: 51.586 ms
Loss rate: 0.00%
```

Run 9: Report of TCP Vegas — Data Link

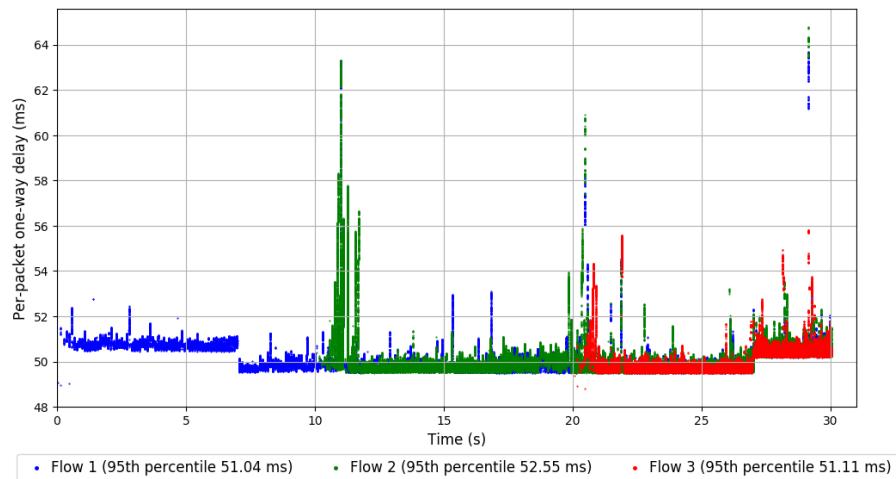
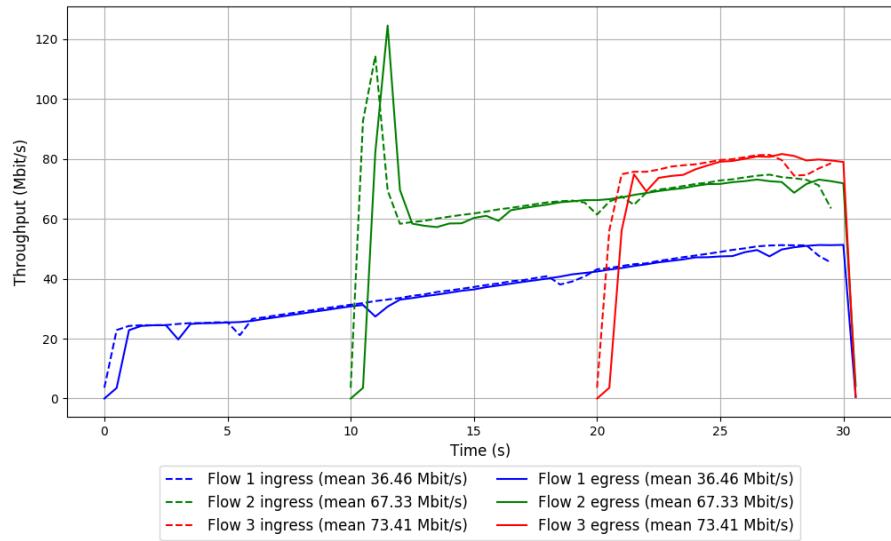


Run 10: Statistics of TCP Vegas

```
Start at: 2018-07-26 22:22:15
End at: 2018-07-26 22:22:45
Local clock offset: -0.196 ms
Remote clock offset: -0.054 ms

# Below is generated by plot.py at 2018-07-27 01:14:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 105.68 Mbit/s
95th percentile per-packet one-way delay: 51.453 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 36.46 Mbit/s
95th percentile per-packet one-way delay: 51.039 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 67.33 Mbit/s
95th percentile per-packet one-way delay: 52.550 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 73.41 Mbit/s
95th percentile per-packet one-way delay: 51.114 ms
Loss rate: 0.00%
```

Run 10: Report of TCP Vegas — Data Link

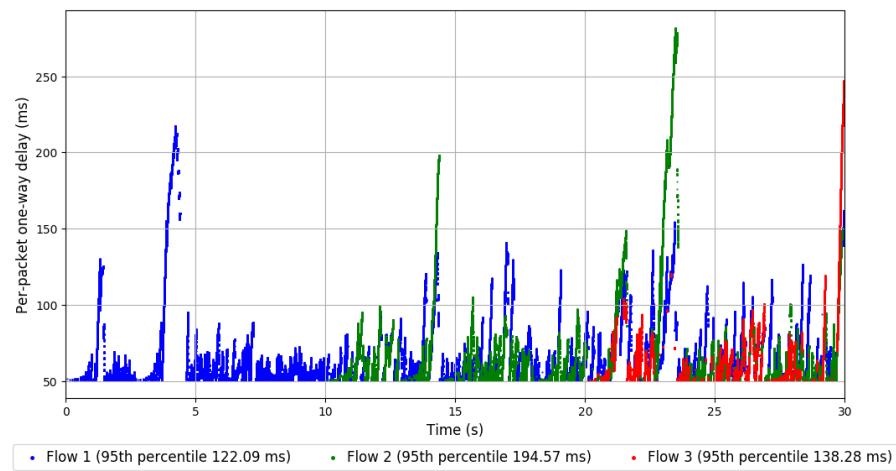
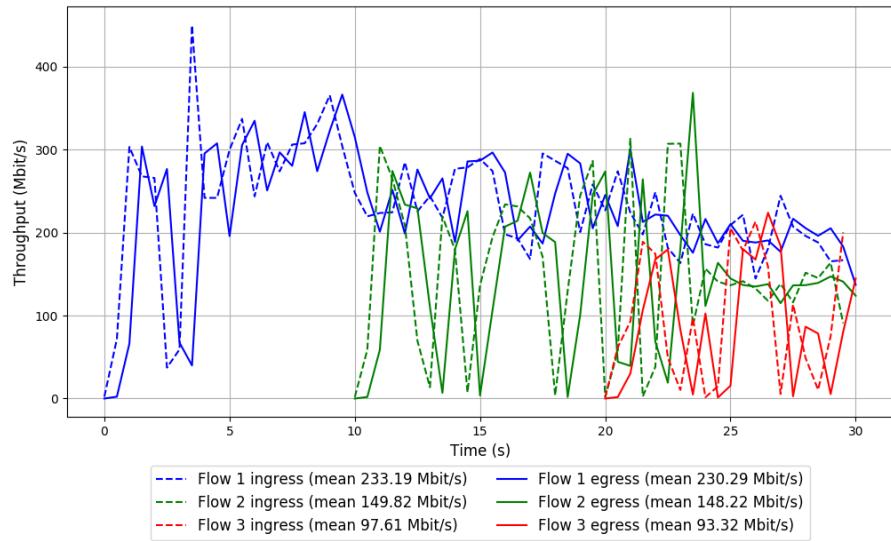


Run 1: Statistics of Verus

```
Start at: 2018-07-26 18:41:18
End at: 2018-07-26 18:41:48
Local clock offset: -0.073 ms
Remote clock offset: 0.041 ms

# Below is generated by plot.py at 2018-07-27 01:17:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 359.45 Mbit/s
95th percentile per-packet one-way delay: 142.483 ms
Loss rate: 1.07%
-- Flow 1:
Average throughput: 230.29 Mbit/s
95th percentile per-packet one-way delay: 122.094 ms
Loss rate: 1.02%
-- Flow 2:
Average throughput: 148.22 Mbit/s
95th percentile per-packet one-way delay: 194.567 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 93.32 Mbit/s
95th percentile per-packet one-way delay: 138.278 ms
Loss rate: 2.93%
```

Run 1: Report of Verus — Data Link

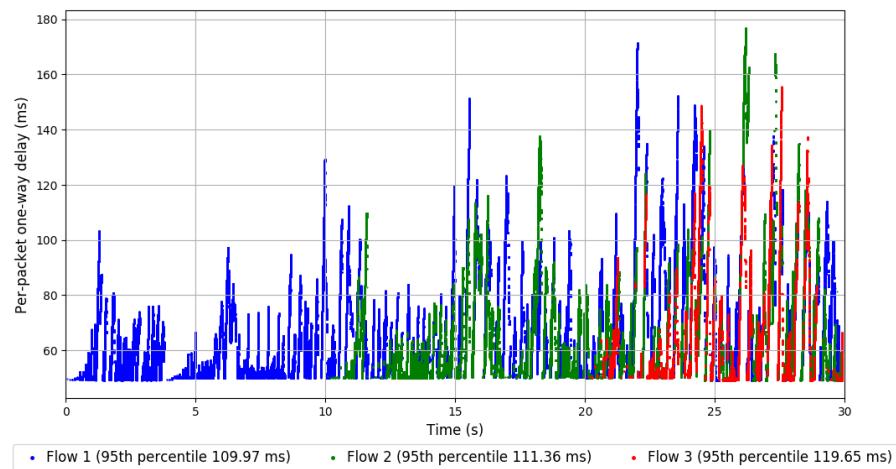
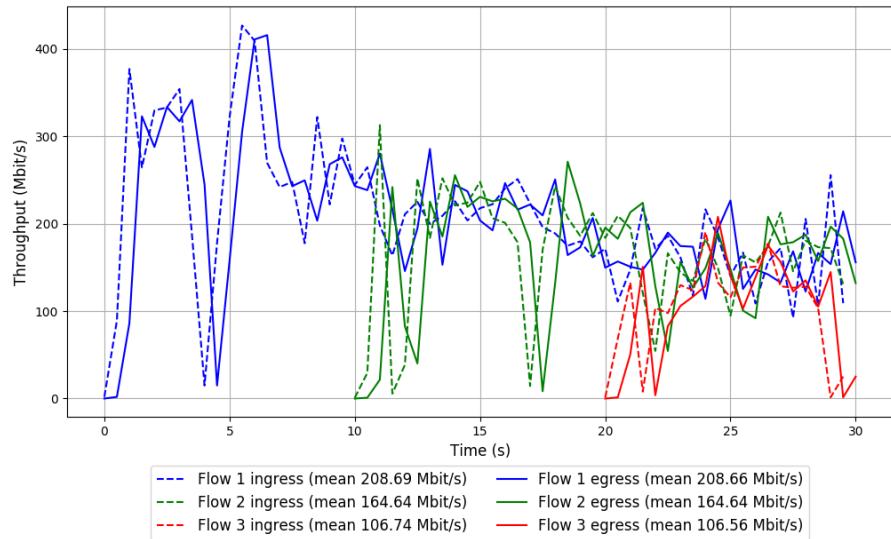


Run 2: Statistics of Verus

```
Start at: 2018-07-26 19:06:07
End at: 2018-07-26 19:06:37
Local clock offset: 0.289 ms
Remote clock offset: 0.018 ms

# Below is generated by plot.py at 2018-07-27 01:17:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 353.09 Mbit/s
95th percentile per-packet one-way delay: 112.086 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 208.66 Mbit/s
95th percentile per-packet one-way delay: 109.974 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 164.64 Mbit/s
95th percentile per-packet one-way delay: 111.356 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 106.56 Mbit/s
95th percentile per-packet one-way delay: 119.652 ms
Loss rate: 0.00%
```

Run 2: Report of Verus — Data Link

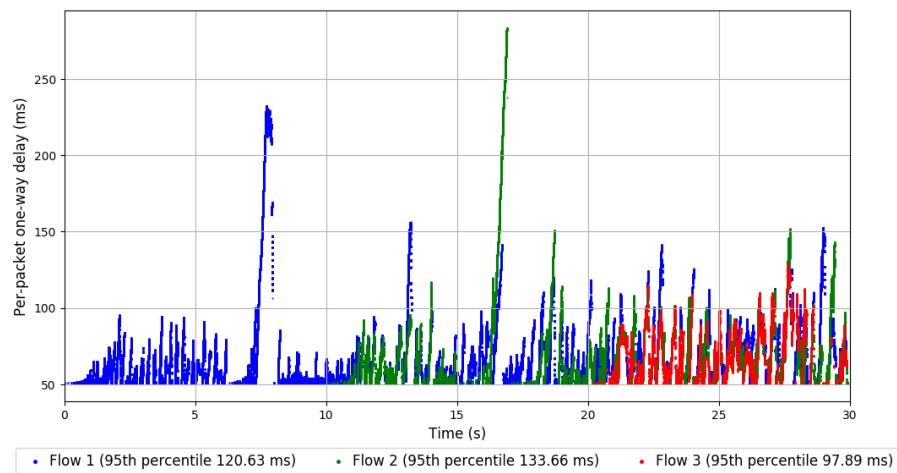
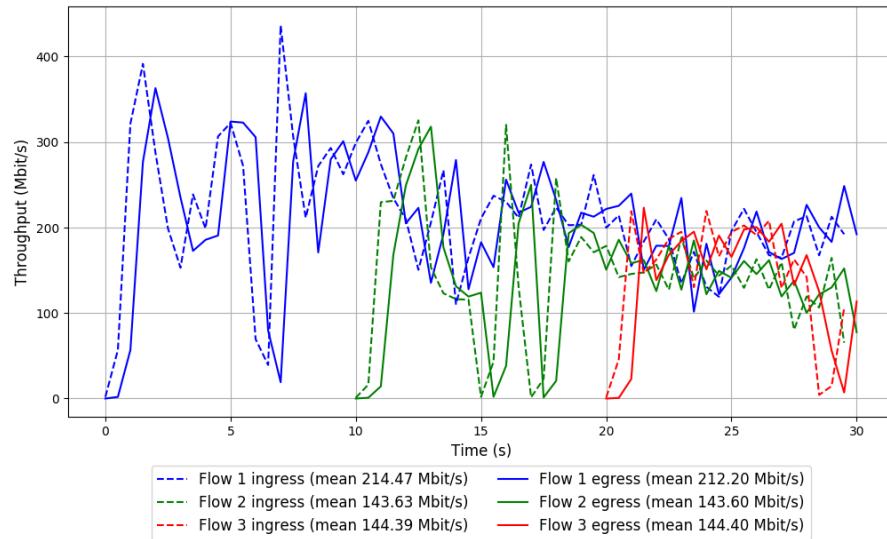


Run 3: Statistics of Verus

```
Start at: 2018-07-26 19:31:20
End at: 2018-07-26 19:31:50
Local clock offset: -0.417 ms
Remote clock offset: -0.147 ms

# Below is generated by plot.py at 2018-07-27 01:19:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 354.53 Mbit/s
95th percentile per-packet one-way delay: 118.853 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 212.20 Mbit/s
95th percentile per-packet one-way delay: 120.630 ms
Loss rate: 1.00%
-- Flow 2:
Average throughput: 143.60 Mbit/s
95th percentile per-packet one-way delay: 133.658 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 144.40 Mbit/s
95th percentile per-packet one-way delay: 97.885 ms
Loss rate: 0.00%
```

Run 3: Report of Verus — Data Link

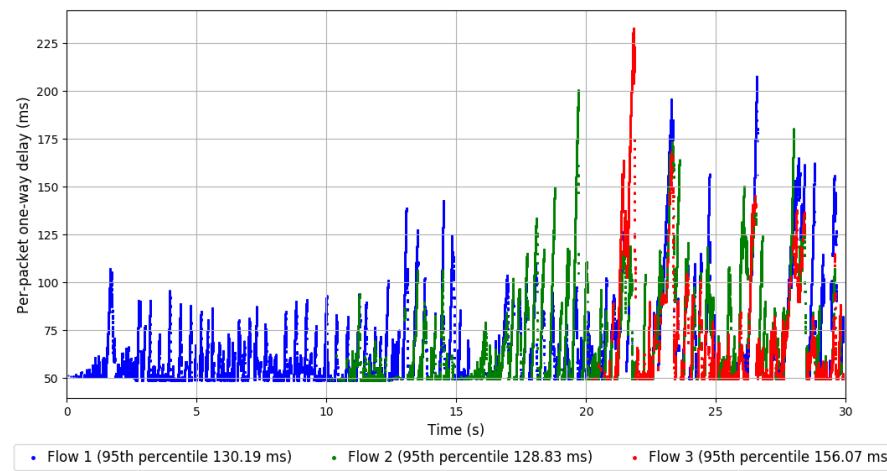
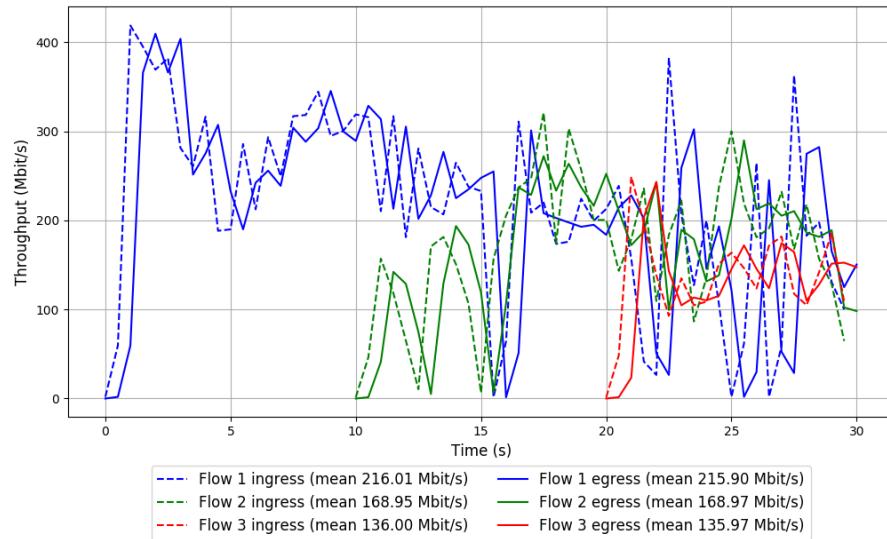


Run 4: Statistics of Verus

```
Start at: 2018-07-26 19:56:39
End at: 2018-07-26 19:57:09
Local clock offset: -0.033 ms
Remote clock offset: -0.099 ms

# Below is generated by plot.py at 2018-07-27 01:19:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 373.00 Mbit/s
95th percentile per-packet one-way delay: 133.176 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 215.90 Mbit/s
95th percentile per-packet one-way delay: 130.195 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 168.97 Mbit/s
95th percentile per-packet one-way delay: 128.832 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 135.97 Mbit/s
95th percentile per-packet one-way delay: 156.071 ms
Loss rate: 0.00%
```

Run 4: Report of Verus — Data Link

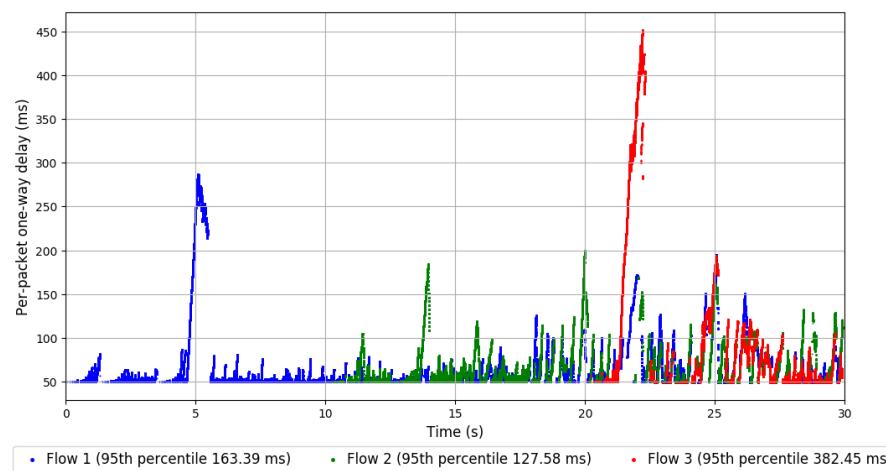
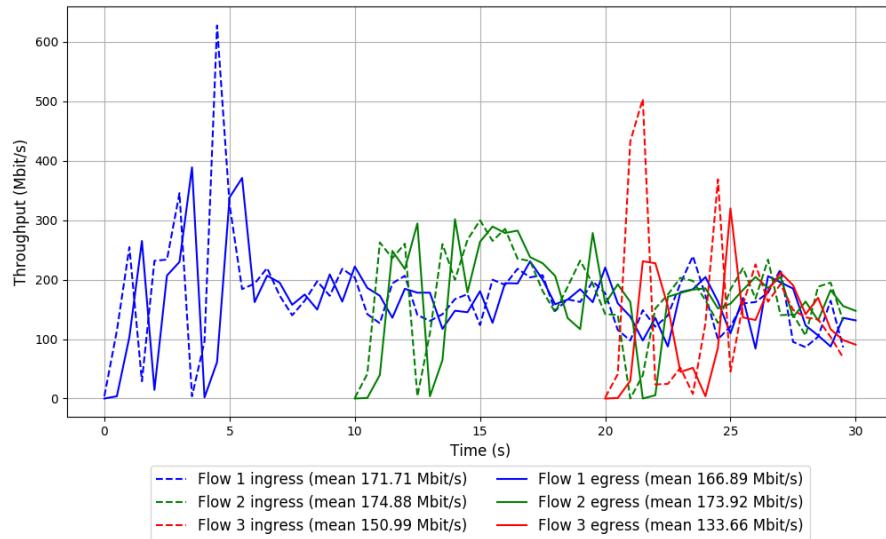


Run 5: Statistics of Verus

```
Start at: 2018-07-26 20:21:29
End at: 2018-07-26 20:21:59
Local clock offset: 0.36 ms
Remote clock offset: -0.133 ms

# Below is generated by plot.py at 2018-07-27 01:19:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 326.34 Mbit/s
95th percentile per-packet one-way delay: 176.438 ms
Loss rate: 3.27%
-- Flow 1:
Average throughput: 166.89 Mbit/s
95th percentile per-packet one-way delay: 163.386 ms
Loss rate: 2.79%
-- Flow 2:
Average throughput: 173.92 Mbit/s
95th percentile per-packet one-way delay: 127.584 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 133.66 Mbit/s
95th percentile per-packet one-way delay: 382.451 ms
Loss rate: 11.43%
```

Run 5: Report of Verus — Data Link

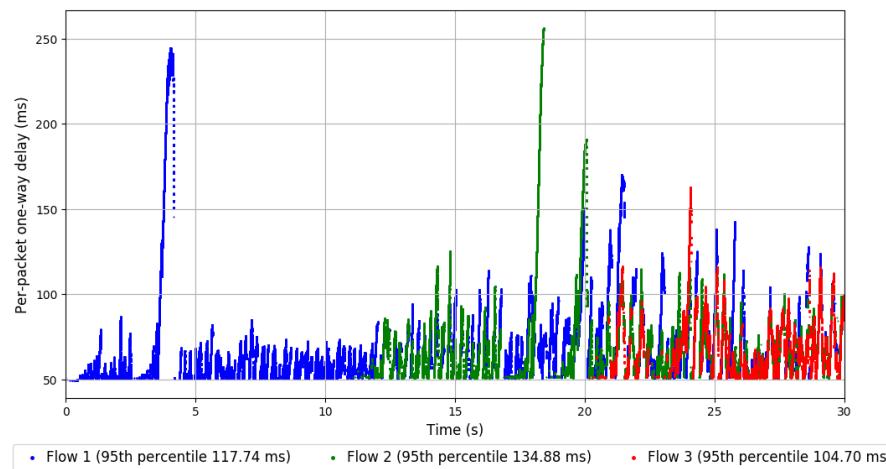
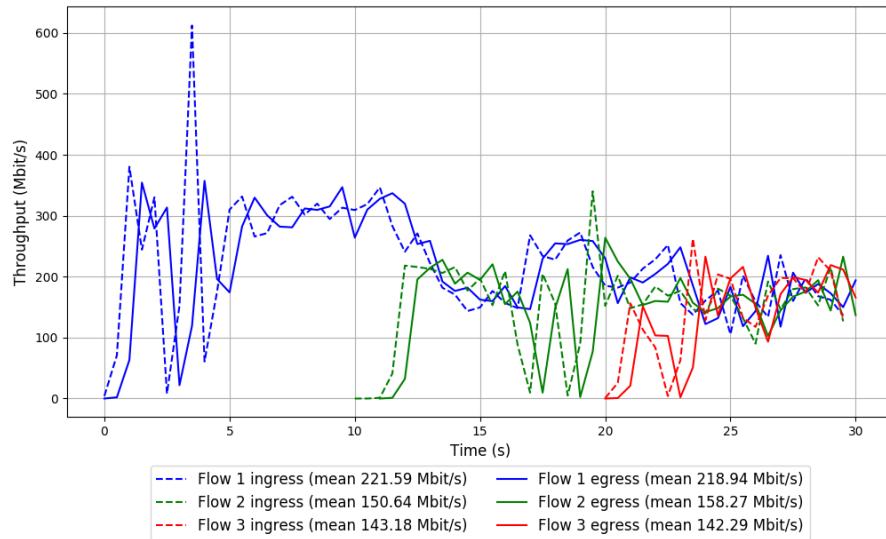


Run 6: Statistics of Verus

```
Start at: 2018-07-26 20:46:21
End at: 2018-07-26 20:46:51
Local clock offset: -0.32 ms
Remote clock offset: -0.107 ms

# Below is generated by plot.py at 2018-07-27 01:20:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 365.51 Mbit/s
95th percentile per-packet one-way delay: 115.660 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 218.94 Mbit/s
95th percentile per-packet one-way delay: 117.742 ms
Loss rate: 1.08%
-- Flow 2:
Average throughput: 158.27 Mbit/s
95th percentile per-packet one-way delay: 134.885 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 142.29 Mbit/s
95th percentile per-packet one-way delay: 104.703 ms
Loss rate: 0.17%
```

Run 6: Report of Verus — Data Link

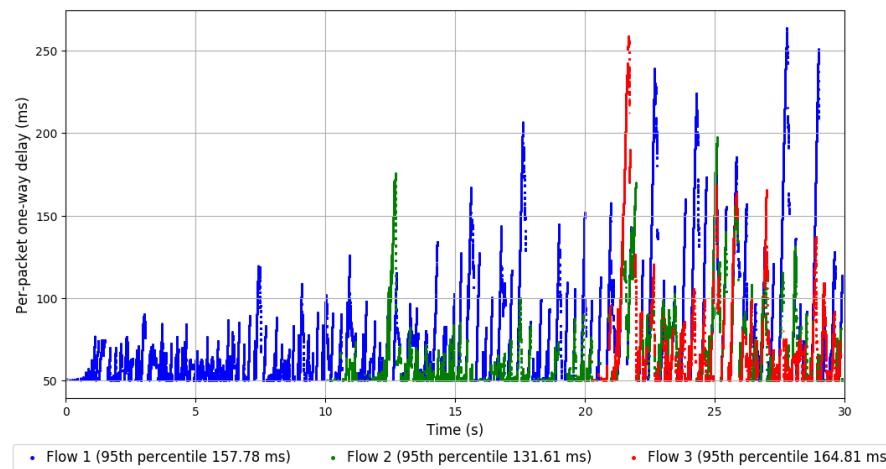
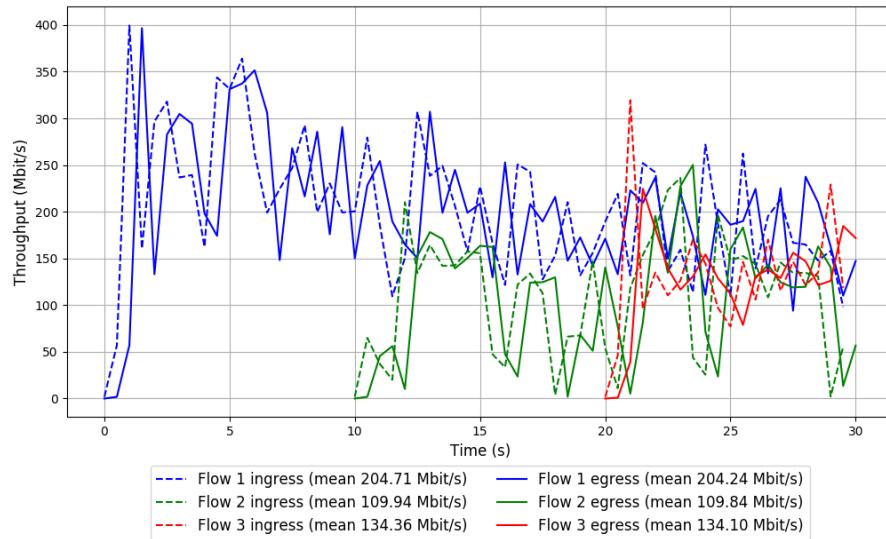


Run 7: Statistics of Verus

```
Start at: 2018-07-26 21:11:09
End at: 2018-07-26 21:11:39
Local clock offset: 0.055 ms
Remote clock offset: -0.044 ms

# Below is generated by plot.py at 2018-07-27 01:20:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 320.99 Mbit/s
95th percentile per-packet one-way delay: 153.605 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 204.24 Mbit/s
95th percentile per-packet one-way delay: 157.783 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 109.84 Mbit/s
95th percentile per-packet one-way delay: 131.611 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 134.10 Mbit/s
95th percentile per-packet one-way delay: 164.807 ms
Loss rate: 0.03%
```

Run 7: Report of Verus — Data Link

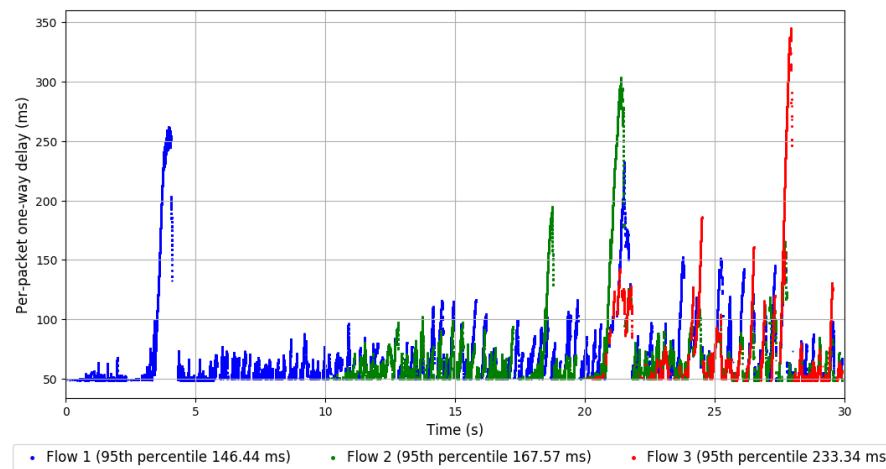
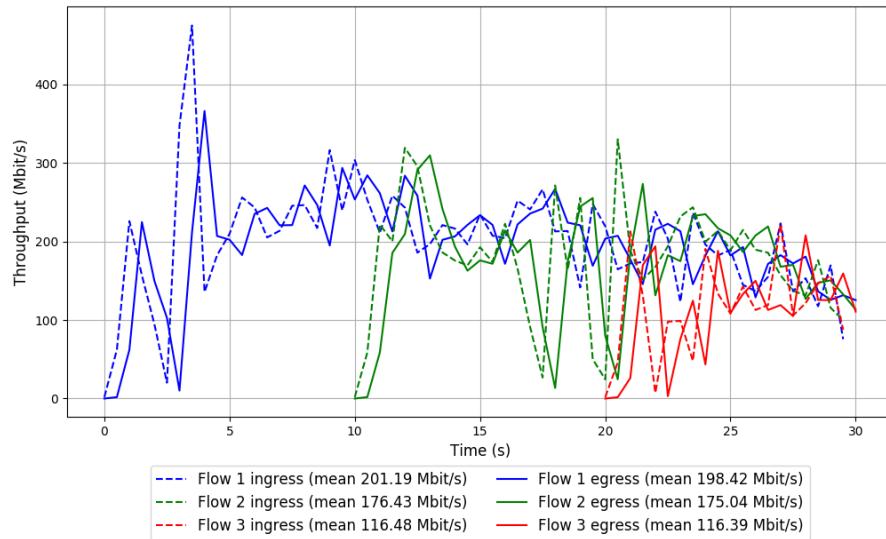


Run 8: Statistics of Verus

```
Start at: 2018-07-26 21:36:06
End at: 2018-07-26 21:36:36
Local clock offset: 0.037 ms
Remote clock offset: -0.053 ms

# Below is generated by plot.py at 2018-07-27 01:20:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 353.05 Mbit/s
95th percentile per-packet one-way delay: 158.272 ms
Loss rate: 1.07%
-- Flow 1:
Average throughput: 198.42 Mbit/s
95th percentile per-packet one-way delay: 146.445 ms
Loss rate: 1.39%
-- Flow 2:
Average throughput: 175.04 Mbit/s
95th percentile per-packet one-way delay: 167.567 ms
Loss rate: 0.78%
-- Flow 3:
Average throughput: 116.39 Mbit/s
95th percentile per-packet one-way delay: 233.342 ms
Loss rate: 0.27%
```

Run 8: Report of Verus — Data Link

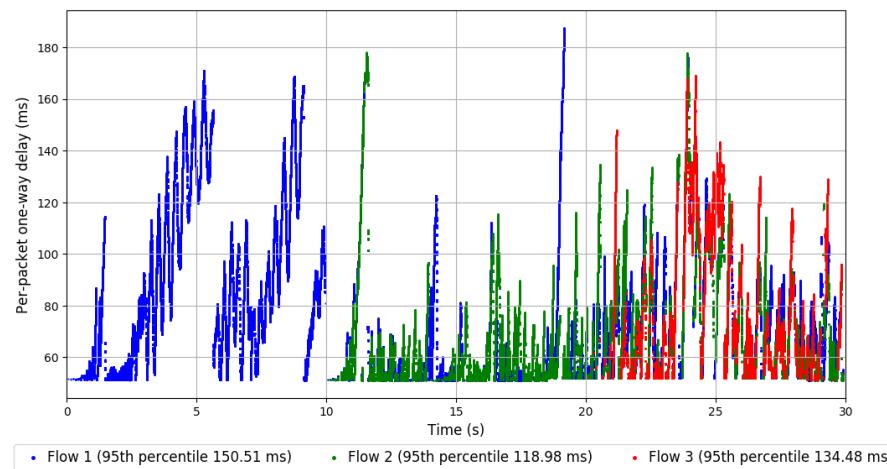
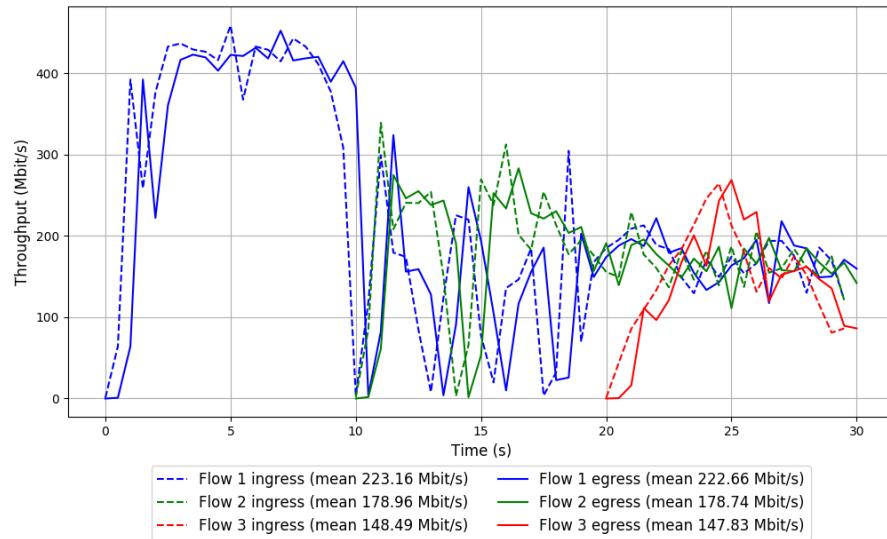


Run 9: Statistics of Verus

```
Start at: 2018-07-26 22:01:03
End at: 2018-07-26 22:01:33
Local clock offset: -0.053 ms
Remote clock offset: 1.567 ms

# Below is generated by plot.py at 2018-07-27 01:23:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 389.81 Mbit/s
95th percentile per-packet one-way delay: 144.494 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 222.66 Mbit/s
95th percentile per-packet one-way delay: 150.514 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 178.74 Mbit/s
95th percentile per-packet one-way delay: 118.980 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 147.83 Mbit/s
95th percentile per-packet one-way delay: 134.478 ms
Loss rate: 0.00%
```

Run 9: Report of Verus — Data Link

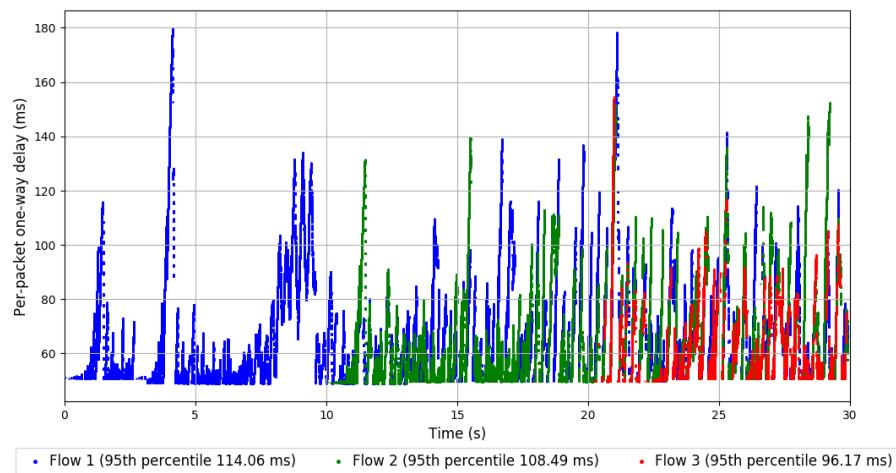
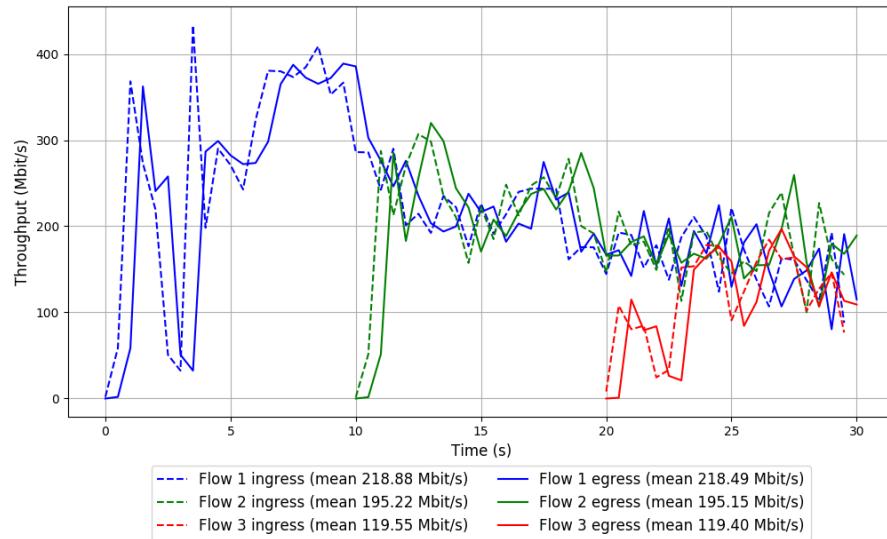


Run 10: Statistics of Verus

```
Start at: 2018-07-26 22:25:48
End at: 2018-07-26 22:26:18
Local clock offset: -0.223 ms
Remote clock offset: -0.089 ms

# Below is generated by plot.py at 2018-07-27 01:23:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 387.33 Mbit/s
95th percentile per-packet one-way delay: 110.900 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 218.49 Mbit/s
95th percentile per-packet one-way delay: 114.056 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 195.15 Mbit/s
95th percentile per-packet one-way delay: 108.487 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 119.40 Mbit/s
95th percentile per-packet one-way delay: 96.166 ms
Loss rate: 0.00%
```

## Run 10: Report of Verus — Data Link

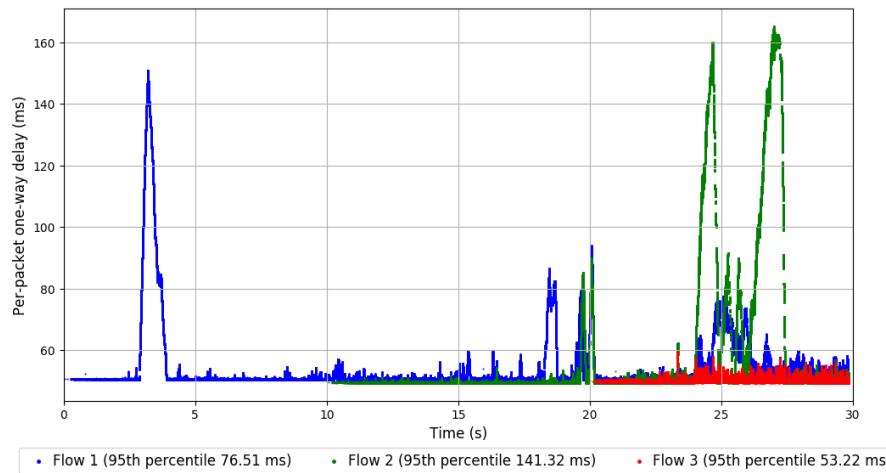
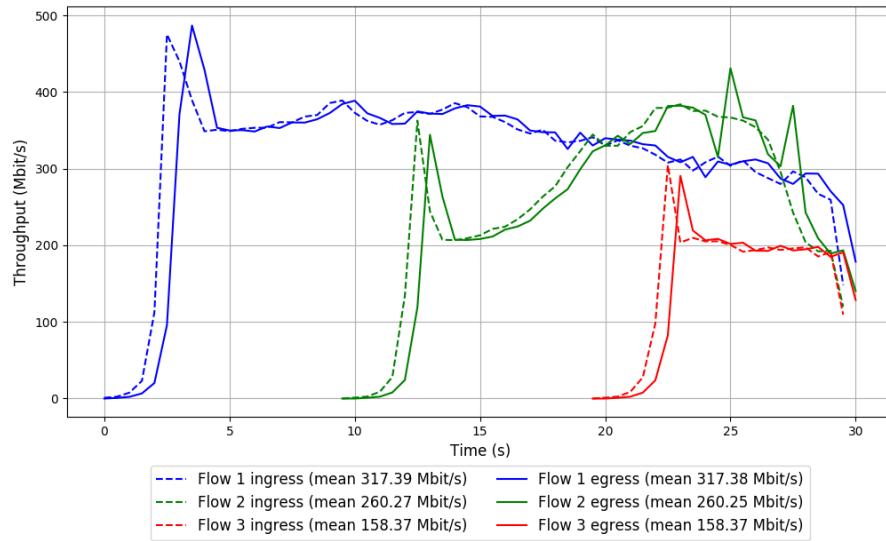


```
Run 1: Statistics of PCC-Vivace

Start at: 2018-07-26 18:21:28
End at: 2018-07-26 18:21:58
Local clock offset: -0.072 ms
Remote clock offset: 0.012 ms

# Below is generated by plot.py at 2018-07-27 01:28:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 543.30 Mbit/s
95th percentile per-packet one-way delay: 94.227 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 317.38 Mbit/s
95th percentile per-packet one-way delay: 76.511 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 260.25 Mbit/s
95th percentile per-packet one-way delay: 141.317 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 158.37 Mbit/s
95th percentile per-packet one-way delay: 53.218 ms
Loss rate: 0.01%
```

Run 1: Report of PCC-Vivace — Data Link

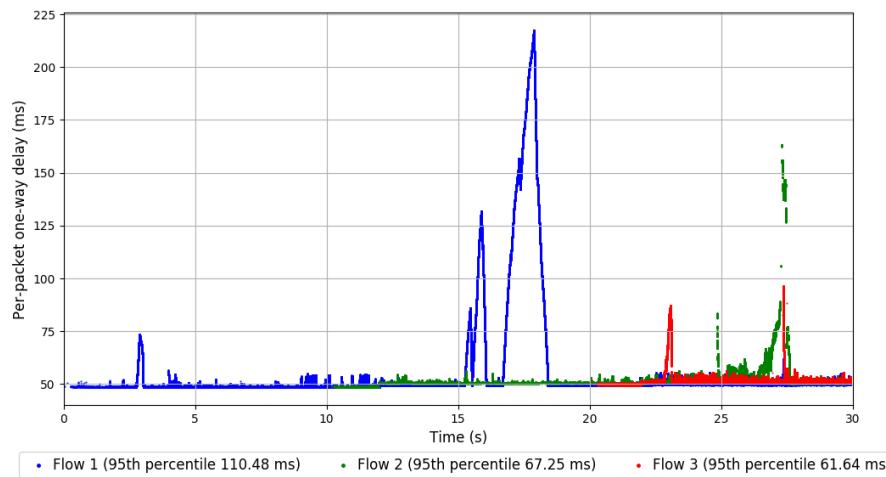
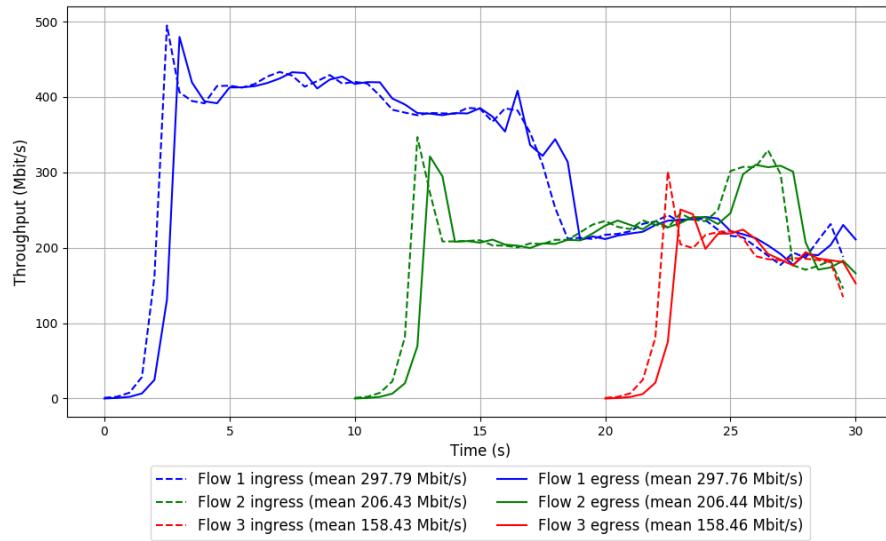


Run 2: Statistics of PCC-Vivace

```
Start at: 2018-07-26 18:46:39
End at: 2018-07-26 18:47:09
Local clock offset: 0.263 ms
Remote clock offset: 0.008 ms

# Below is generated by plot.py at 2018-07-27 01:28:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 487.28 Mbit/s
95th percentile per-packet one-way delay: 80.853 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 297.76 Mbit/s
95th percentile per-packet one-way delay: 110.480 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 206.44 Mbit/s
95th percentile per-packet one-way delay: 67.250 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 158.46 Mbit/s
95th percentile per-packet one-way delay: 61.641 ms
Loss rate: 0.01%
```

Run 2: Report of PCC-Vivace — Data Link

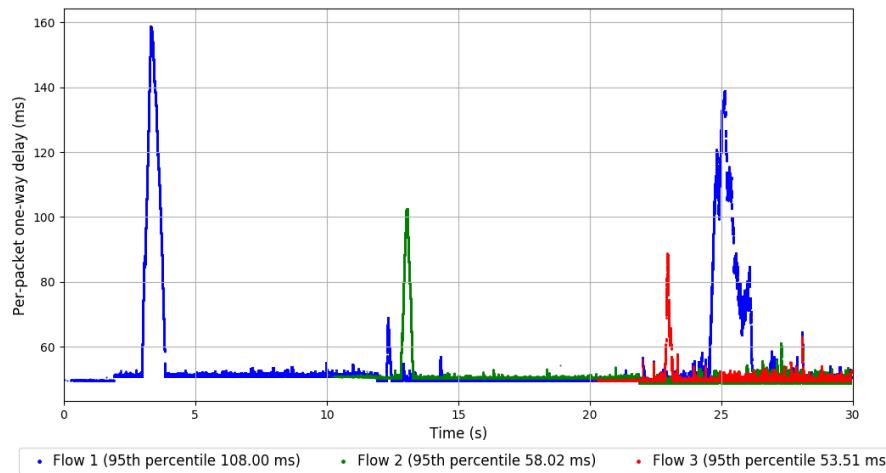
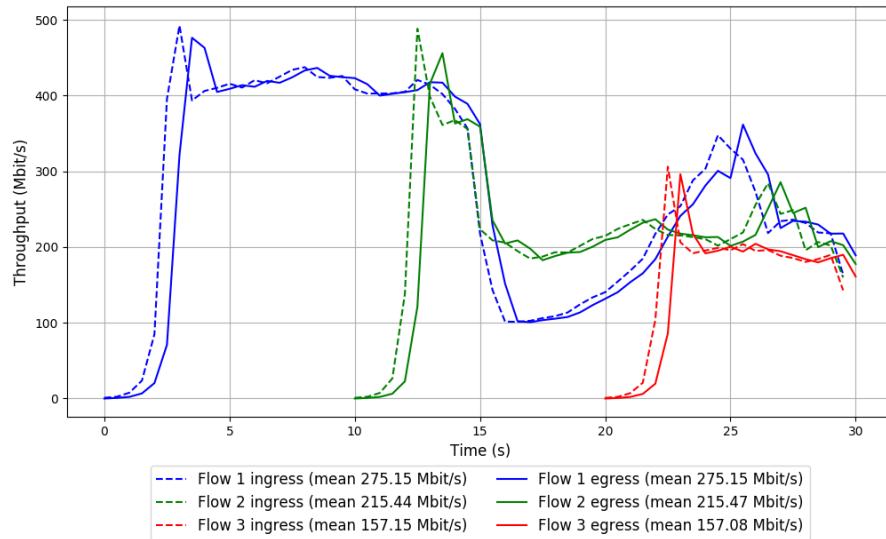


Run 3: Statistics of PCC-Vivace

```
Start at: 2018-07-26 19:11:30
End at: 2018-07-26 19:12:00
Local clock offset: -0.096 ms
Remote clock offset: 0.022 ms

# Below is generated by plot.py at 2018-07-27 01:28:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 470.19 Mbit/s
95th percentile per-packet one-way delay: 85.588 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 275.15 Mbit/s
95th percentile per-packet one-way delay: 108.001 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 215.47 Mbit/s
95th percentile per-packet one-way delay: 58.021 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 157.08 Mbit/s
95th percentile per-packet one-way delay: 53.512 ms
Loss rate: 0.04%
```

Run 3: Report of PCC-Vivace — Data Link

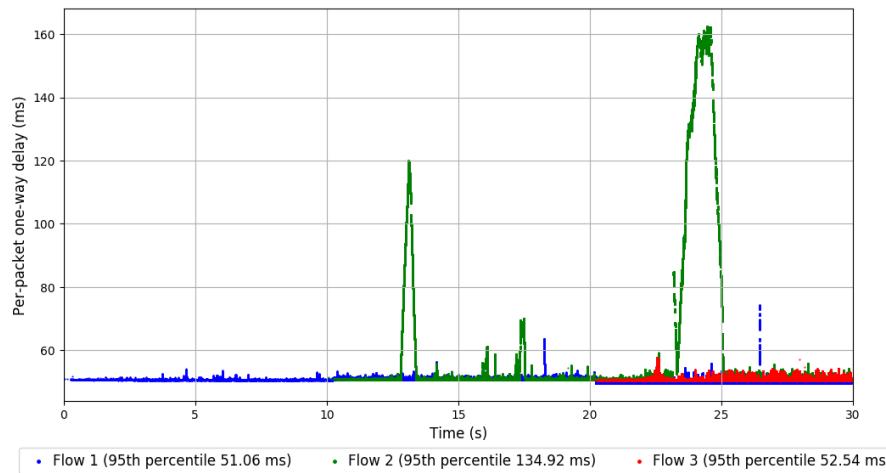
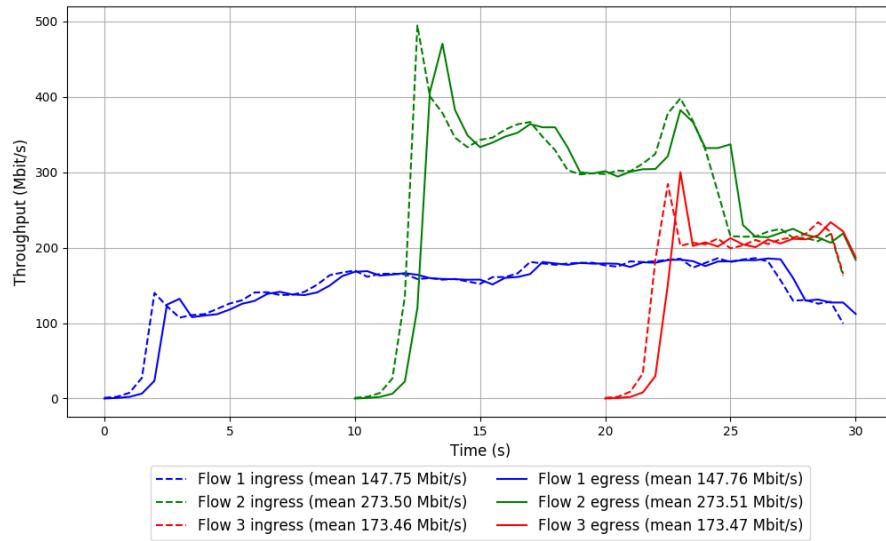


Run 4: Statistics of PCC-Vivace

```
Start at: 2018-07-26 19:36:41
End at: 2018-07-26 19:37:11
Local clock offset: -0.097 ms
Remote clock offset: -0.144 ms

# Below is generated by plot.py at 2018-07-27 01:28:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 386.84 Mbit/s
95th percentile per-packet one-way delay: 92.997 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 147.76 Mbit/s
95th percentile per-packet one-way delay: 51.058 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 273.51 Mbit/s
95th percentile per-packet one-way delay: 134.922 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 173.47 Mbit/s
95th percentile per-packet one-way delay: 52.543 ms
Loss rate: 0.01%
```

Run 4: Report of PCC-Vivace — Data Link

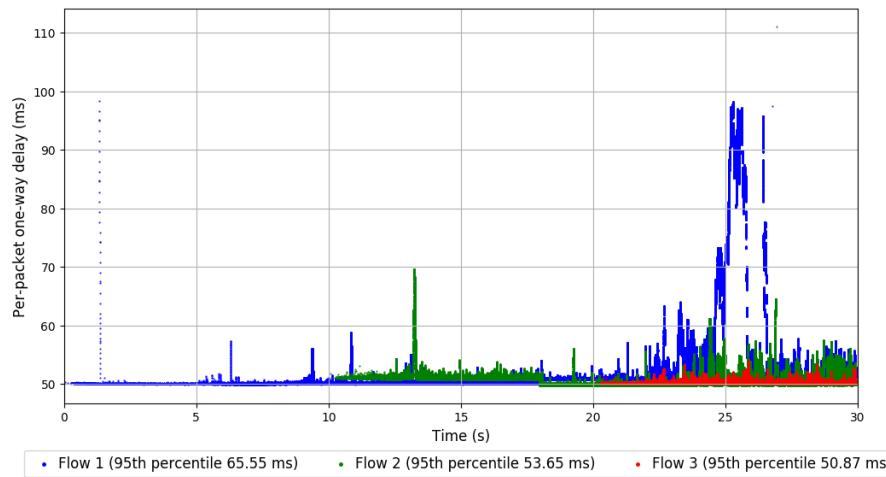
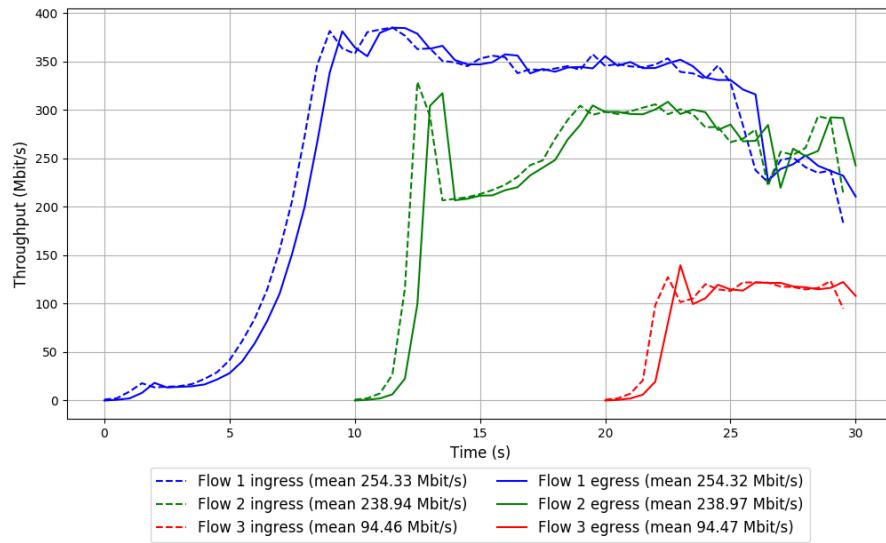


Run 5: Statistics of PCC-Vivace

```
Start at: 2018-07-26 20:02:03
End at: 2018-07-26 20:02:33
Local clock offset: -0.358 ms
Remote clock offset: -0.164 ms

# Below is generated by plot.py at 2018-07-27 01:28:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 444.36 Mbit/s
95th percentile per-packet one-way delay: 56.708 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 254.32 Mbit/s
95th percentile per-packet one-way delay: 65.547 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 238.97 Mbit/s
95th percentile per-packet one-way delay: 53.652 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 94.47 Mbit/s
95th percentile per-packet one-way delay: 50.871 ms
Loss rate: 0.00%
```

Run 5: Report of PCC-Vivace — Data Link

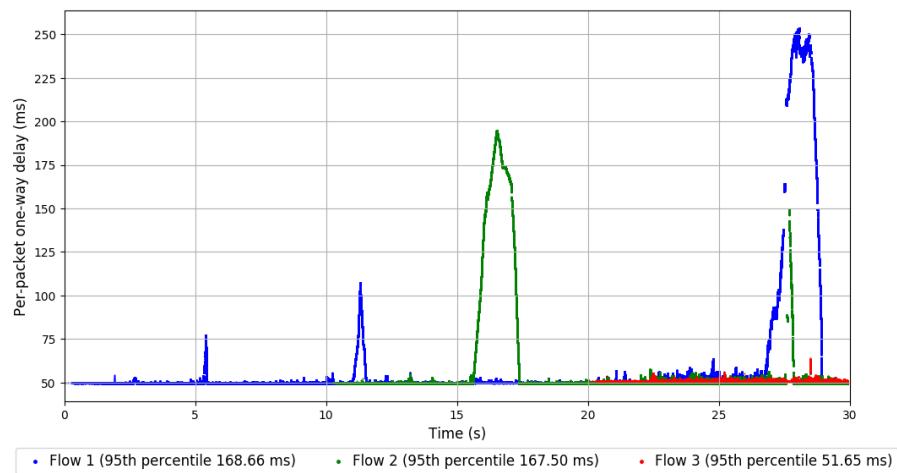
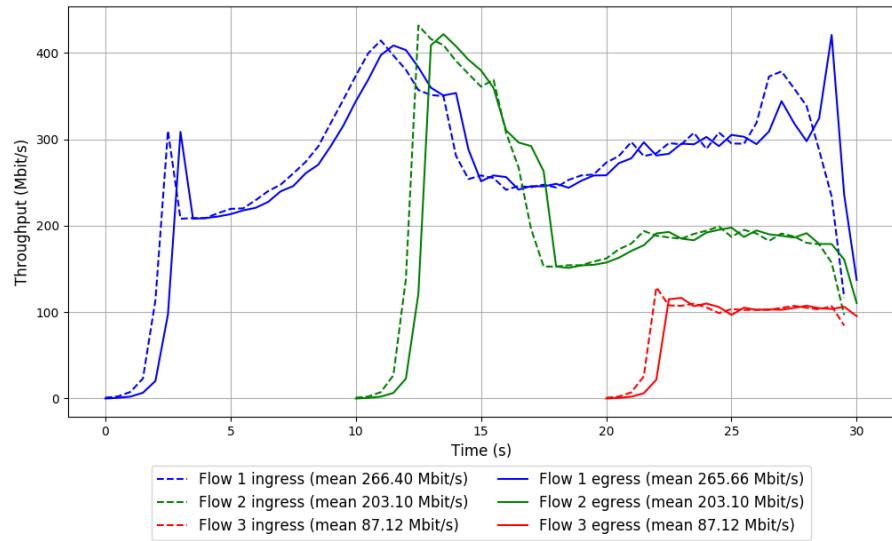


Run 6: Statistics of PCC-Vivace

```
Start at: 2018-07-26 20:26:50
End at: 2018-07-26 20:27:20
Local clock offset: 0.005 ms
Remote clock offset: -0.125 ms

# Below is generated by plot.py at 2018-07-27 01:29:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 429.48 Mbit/s
95th percentile per-packet one-way delay: 163.789 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 265.66 Mbit/s
95th percentile per-packet one-way delay: 168.658 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 203.10 Mbit/s
95th percentile per-packet one-way delay: 167.497 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 87.12 Mbit/s
95th percentile per-packet one-way delay: 51.653 ms
Loss rate: 0.00%
```

Run 6: Report of PCC-Vivace — Data Link

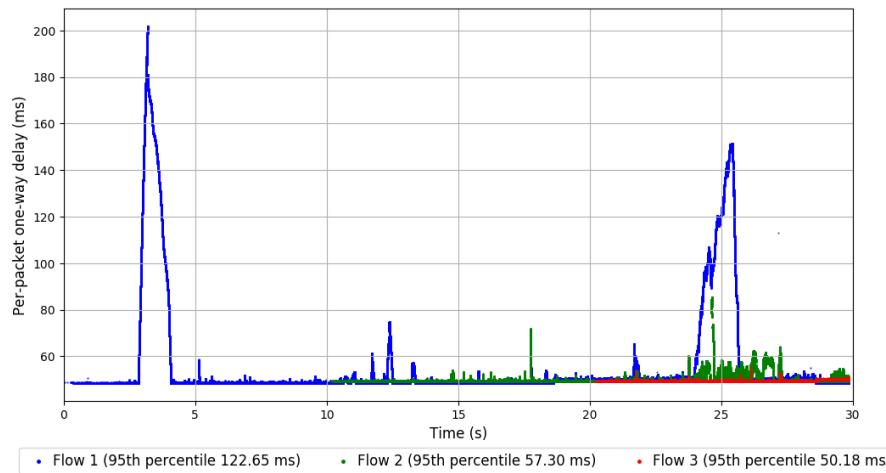
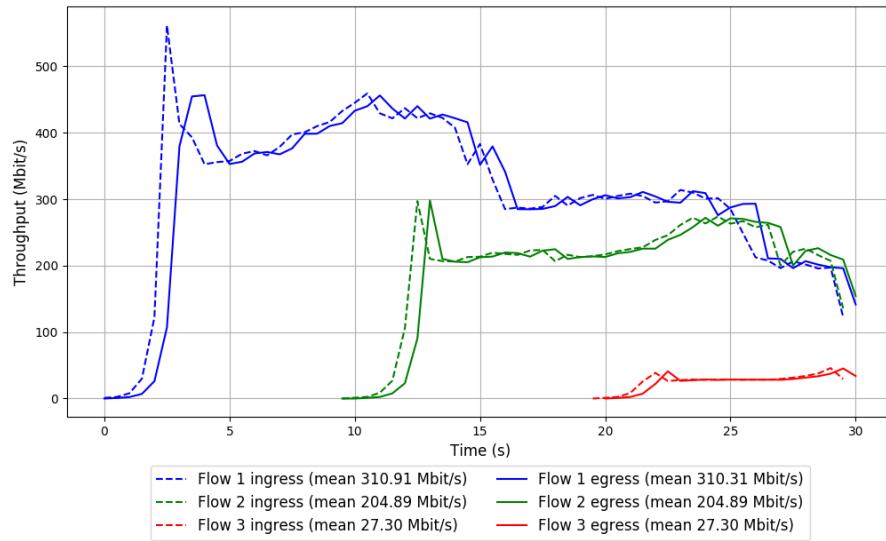


Run 7: Statistics of PCC-Vivace

```
Start at: 2018-07-26 20:51:43
End at: 2018-07-26 20:52:13
Local clock offset: 0.438 ms
Remote clock offset: -0.06 ms

# Below is generated by plot.py at 2018-07-27 01:30:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 455.87 Mbit/s
95th percentile per-packet one-way delay: 100.217 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 310.31 Mbit/s
95th percentile per-packet one-way delay: 122.646 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 204.89 Mbit/s
95th percentile per-packet one-way delay: 57.300 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 27.30 Mbit/s
95th percentile per-packet one-way delay: 50.178 ms
Loss rate: 0.00%
```

Run 7: Report of PCC-Vivace — Data Link

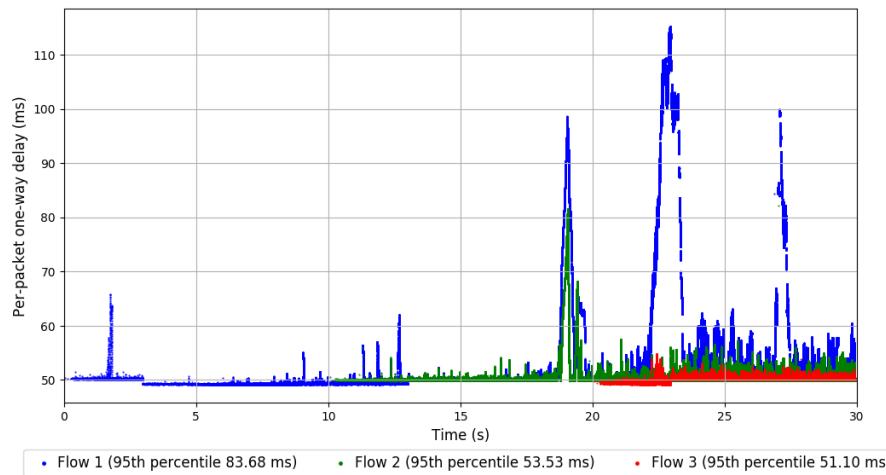
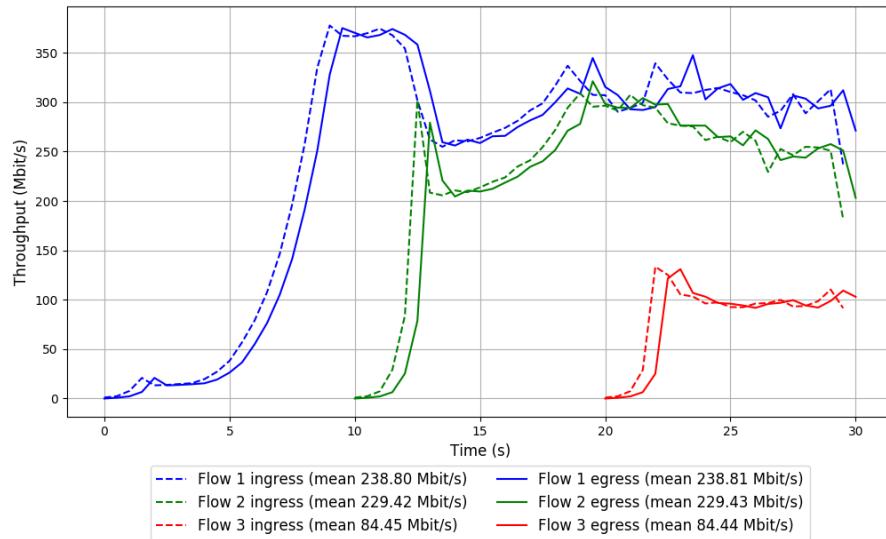


Run 8: Statistics of PCC-Vivace

```
Start at: 2018-07-26 21:16:29
End at: 2018-07-26 21:16:59
Local clock offset: -0.293 ms
Remote clock offset: -0.059 ms

# Below is generated by plot.py at 2018-07-27 01:30:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 419.26 Mbit/s
95th percentile per-packet one-way delay: 67.830 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 238.81 Mbit/s
95th percentile per-packet one-way delay: 83.680 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 229.43 Mbit/s
95th percentile per-packet one-way delay: 53.533 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 84.44 Mbit/s
95th percentile per-packet one-way delay: 51.100 ms
Loss rate: 0.00%
```

Run 8: Report of PCC-Vivace — Data Link

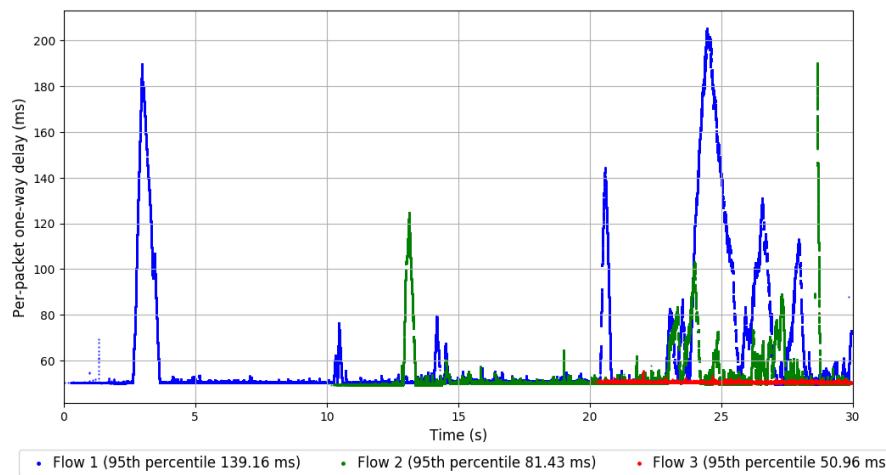
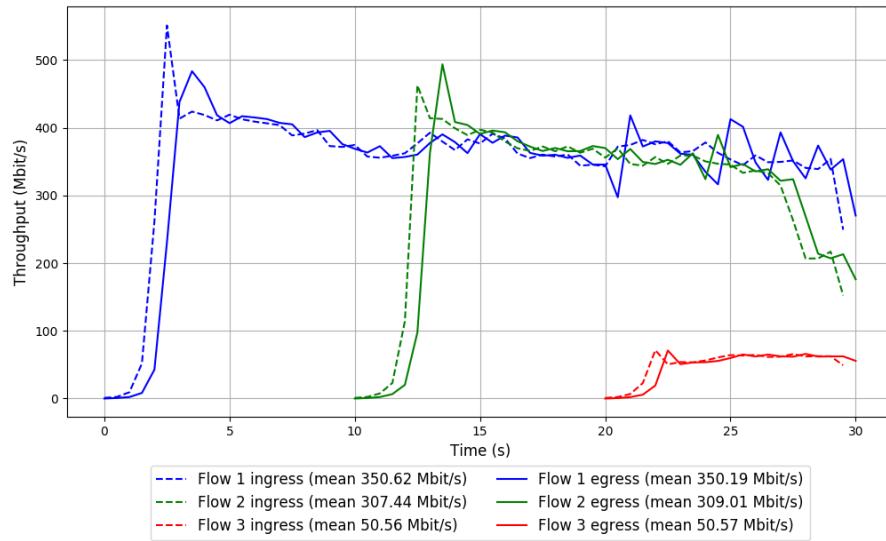


Run 9: Statistics of PCC-Vivace

```
Start at: 2018-07-26 21:41:27
End at: 2018-07-26 21:41:57
Local clock offset: 0.007 ms
Remote clock offset: -0.06 ms

# Below is generated by plot.py at 2018-07-27 01:31:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 571.34 Mbit/s
95th percentile per-packet one-way delay: 117.171 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 350.19 Mbit/s
95th percentile per-packet one-way delay: 139.162 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 309.01 Mbit/s
95th percentile per-packet one-way delay: 81.431 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 50.57 Mbit/s
95th percentile per-packet one-way delay: 50.957 ms
Loss rate: 0.00%
```

Run 9: Report of PCC-Vivace — Data Link

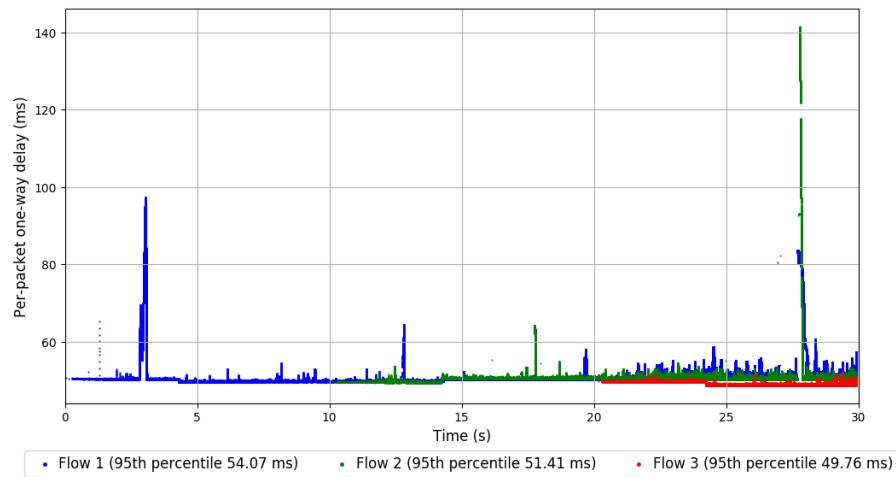
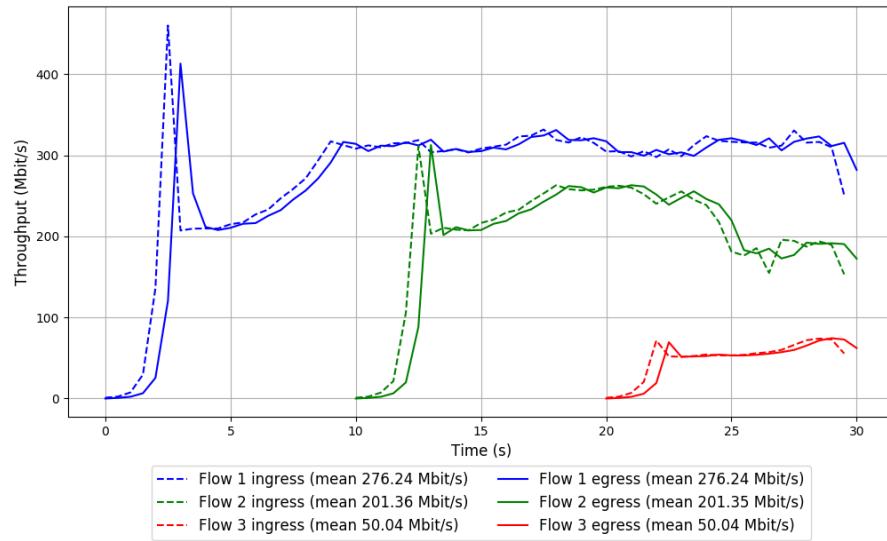


Run 10: Statistics of PCC-Vivace

```
Start at: 2018-07-26 22:06:27
End at: 2018-07-26 22:06:57
Local clock offset: -0.085 ms
Remote clock offset: -0.052 ms

# Below is generated by plot.py at 2018-07-27 01:31:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 426.62 Mbit/s
95th percentile per-packet one-way delay: 52.595 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 276.24 Mbit/s
95th percentile per-packet one-way delay: 54.067 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 201.35 Mbit/s
95th percentile per-packet one-way delay: 51.415 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 50.04 Mbit/s
95th percentile per-packet one-way delay: 49.760 ms
Loss rate: 0.00%
```

Run 10: Report of PCC-Vivace — Data Link

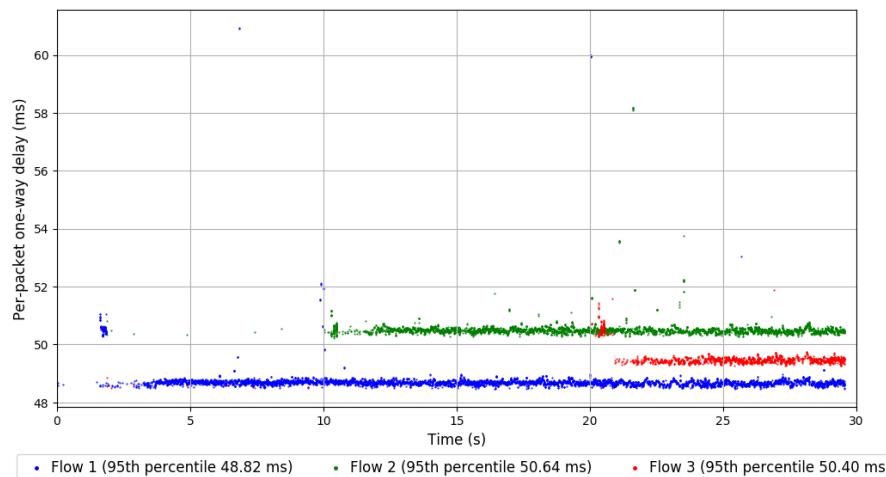
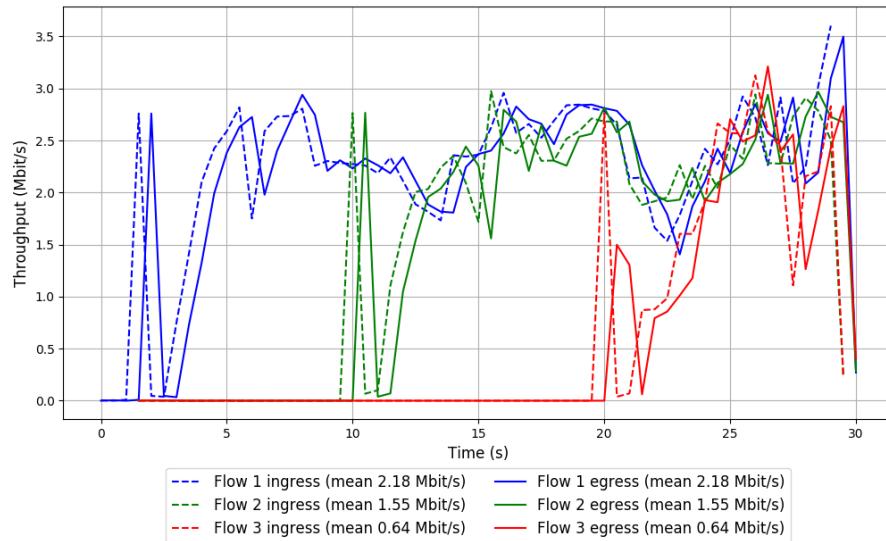


```
Run 1: Statistics of WebRTC media

Start at: 2018-07-26 18:39:00
End at: 2018-07-26 18:39:30
Local clock offset: 0.251 ms
Remote clock offset: 0.05 ms

# Below is generated by plot.py at 2018-07-27 01:31:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.23 Mbit/s
95th percentile per-packet one-way delay: 50.576 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.18 Mbit/s
95th percentile per-packet one-way delay: 48.821 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.55 Mbit/s
95th percentile per-packet one-way delay: 50.640 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 50.398 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

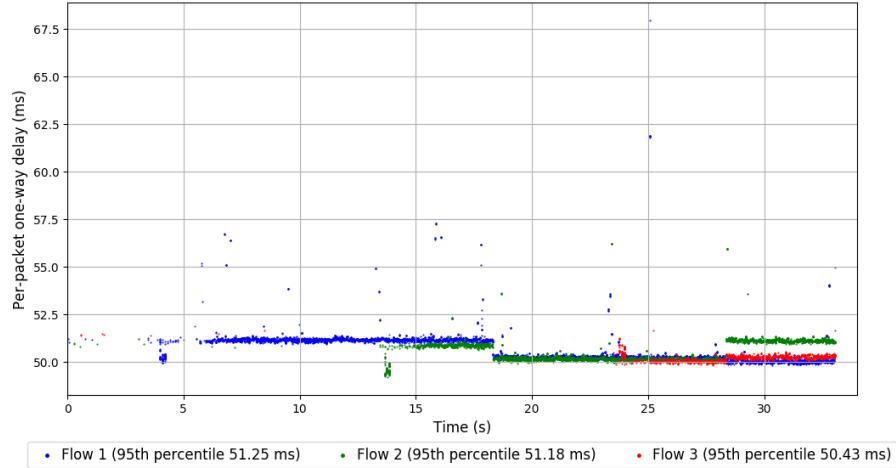
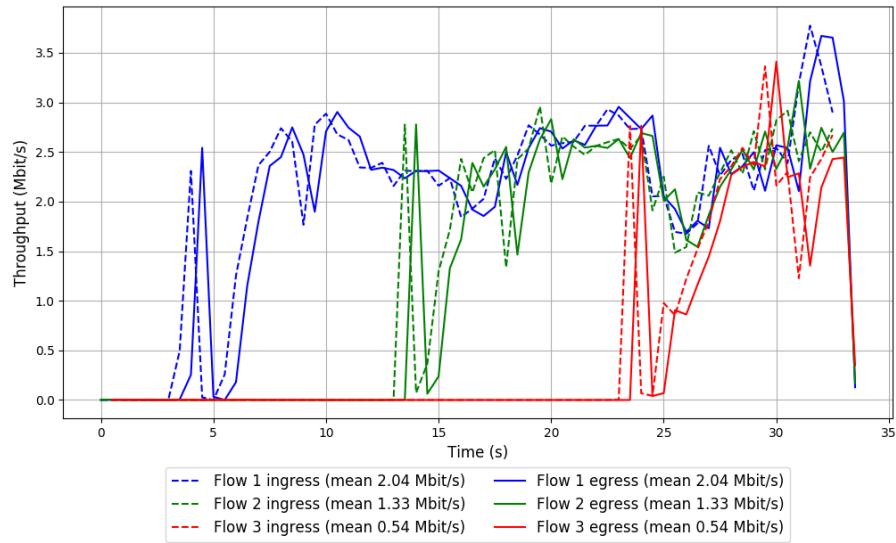


Run 2: Statistics of WebRTC media

```
Start at: 2018-07-26 19:03:46
End at: 2018-07-26 19:04:16
Local clock offset: -0.476 ms
Remote clock offset: -0.003 ms

# Below is generated by plot.py at 2018-07-27 01:31:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.89 Mbit/s
95th percentile per-packet one-way delay: 51.214 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 2.04 Mbit/s
95th percentile per-packet one-way delay: 51.247 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 1.33 Mbit/s
95th percentile per-packet one-way delay: 51.177 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 0.54 Mbit/s
95th percentile per-packet one-way delay: 50.432 ms
Loss rate: 0.16%
```

## Run 2: Report of WebRTC media — Data Link

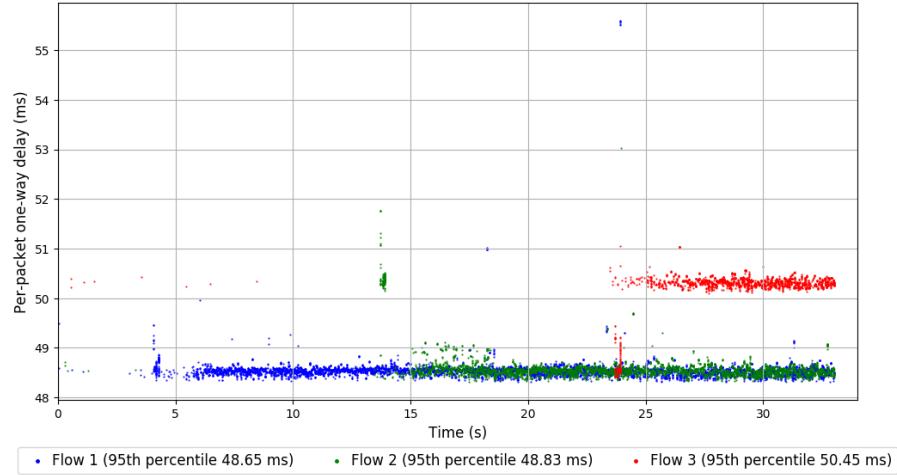
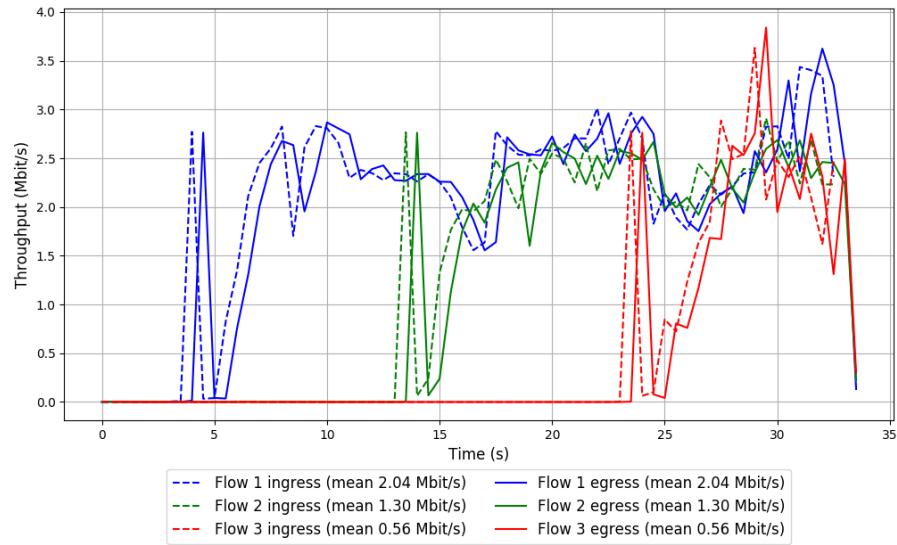


Run 3: Statistics of WebRTC media

```
Start at: 2018-07-26 19:29:00
End at: 2018-07-26 19:29:30
Local clock offset: 0.291 ms
Remote clock offset: -0.137 ms

# Below is generated by plot.py at 2018-07-27 01:31:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.89 Mbit/s
95th percentile per-packet one-way delay: 50.345 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.04 Mbit/s
95th percentile per-packet one-way delay: 48.653 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.30 Mbit/s
95th percentile per-packet one-way delay: 48.832 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 50.451 ms
Loss rate: 0.00%
```

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

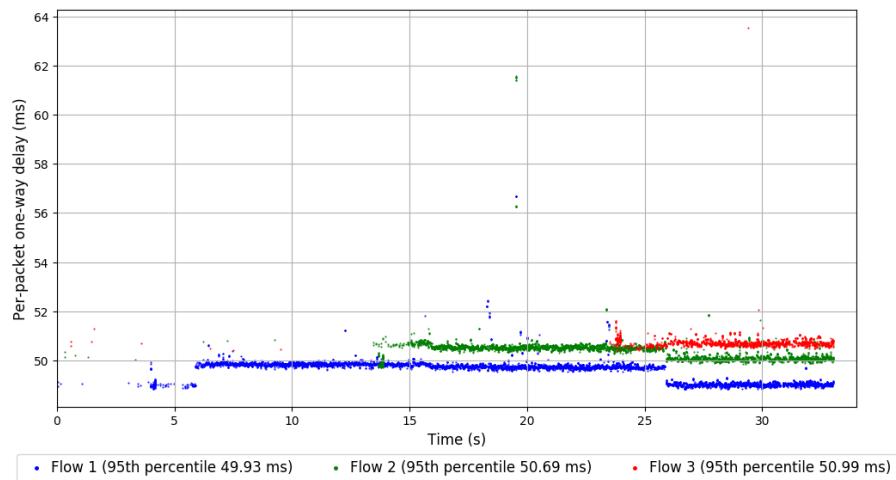
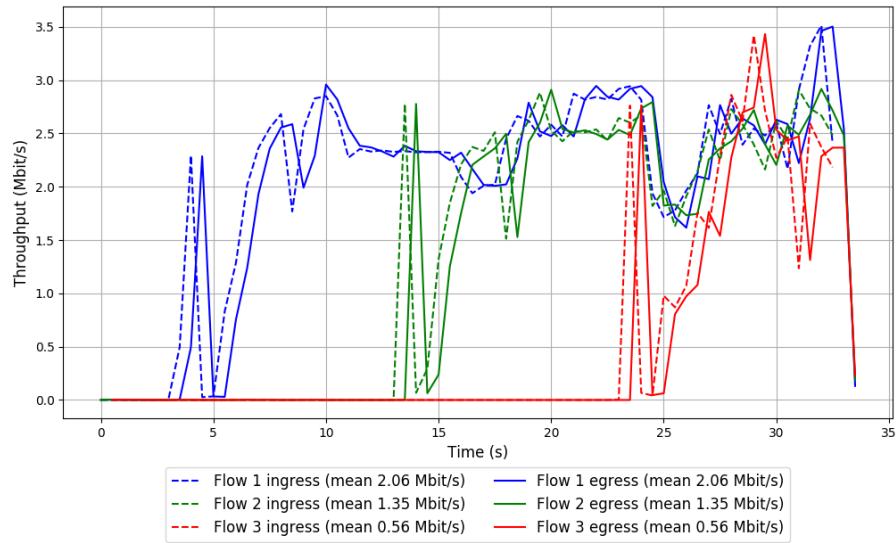


Run 4: Statistics of WebRTC media

```
Start at: 2018-07-26 19:54:19
End at: 2018-07-26 19:54:49
Local clock offset: -0.06 ms
Remote clock offset: -0.131 ms

# Below is generated by plot.py at 2018-07-27 01:31:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.94 Mbit/s
95th percentile per-packet one-way delay: 50.757 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.06 Mbit/s
95th percentile per-packet one-way delay: 49.931 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.35 Mbit/s
95th percentile per-packet one-way delay: 50.691 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 50.995 ms
Loss rate: 0.00%
```

#### Run 4: Report of WebRTC media — Data Link

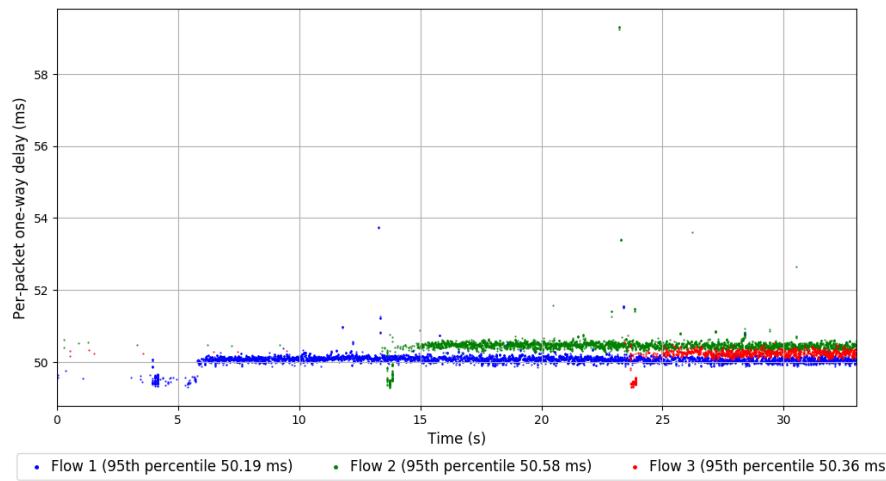
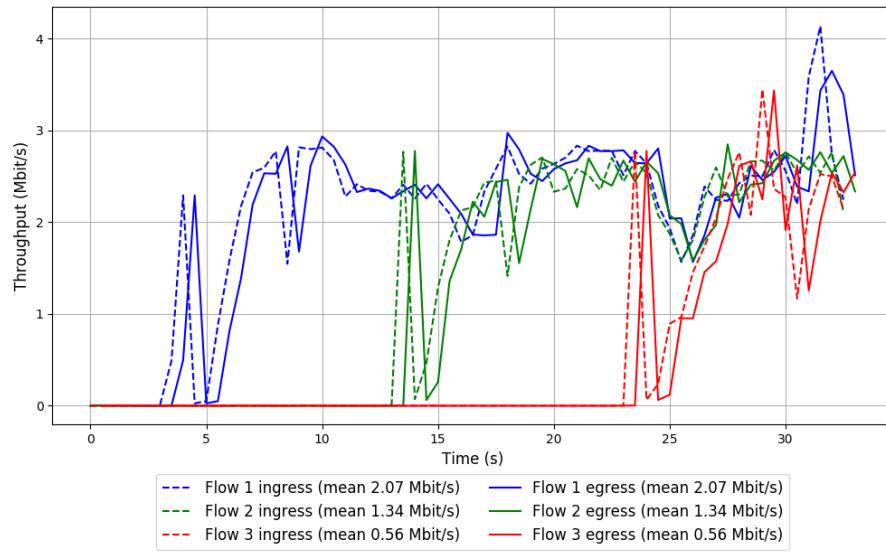


```
Run 5: Statistics of WebRTC media

Start at: 2018-07-26 20:19:09
End at: 2018-07-26 20:19:39
Local clock offset: 0.373 ms
Remote clock offset: -0.127 ms

# Below is generated by plot.py at 2018-07-27 01:31:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.95 Mbit/s
95th percentile per-packet one-way delay: 50.533 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.07 Mbit/s
95th percentile per-packet one-way delay: 50.189 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.34 Mbit/s
95th percentile per-packet one-way delay: 50.577 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 50.362 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

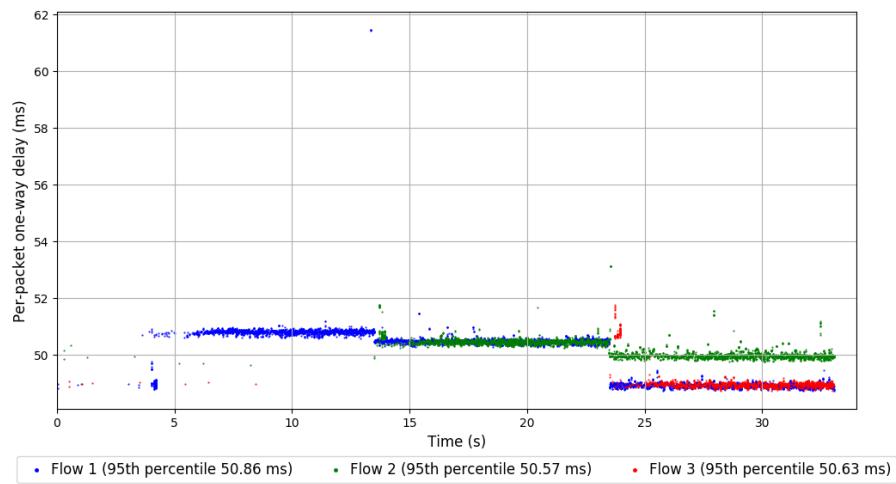
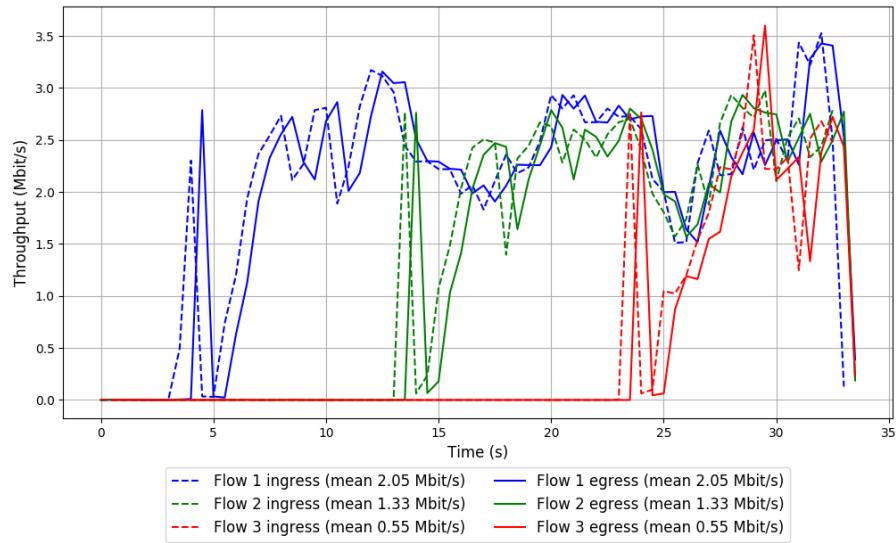


```
Run 6: Statistics of WebRTC media

Start at: 2018-07-26 20:44:01
End at: 2018-07-26 20:44:31
Local clock offset: 0.069 ms
Remote clock offset: -0.101 ms

# Below is generated by plot.py at 2018-07-27 01:31:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.91 Mbit/s
95th percentile per-packet one-way delay: 50.837 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.05 Mbit/s
95th percentile per-packet one-way delay: 50.859 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.33 Mbit/s
95th percentile per-packet one-way delay: 50.570 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.55 Mbit/s
95th percentile per-packet one-way delay: 50.635 ms
Loss rate: 0.00%
```

Run 6: Report of WebRTC media — Data Link

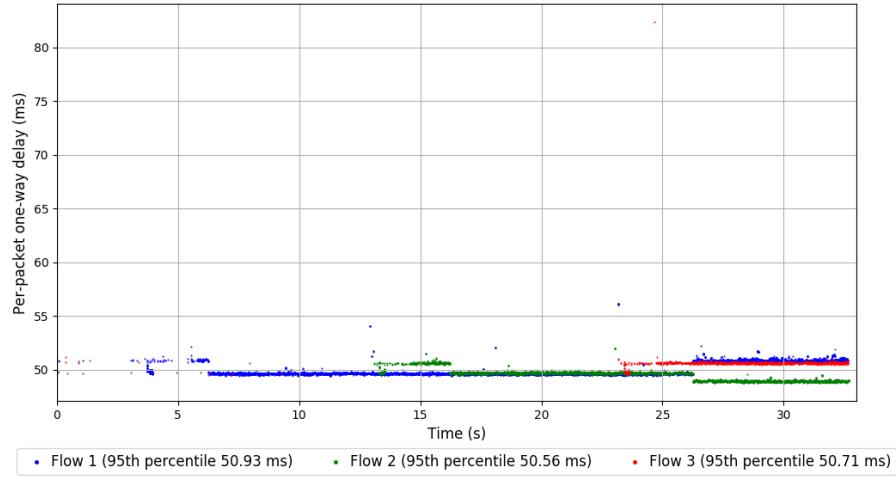
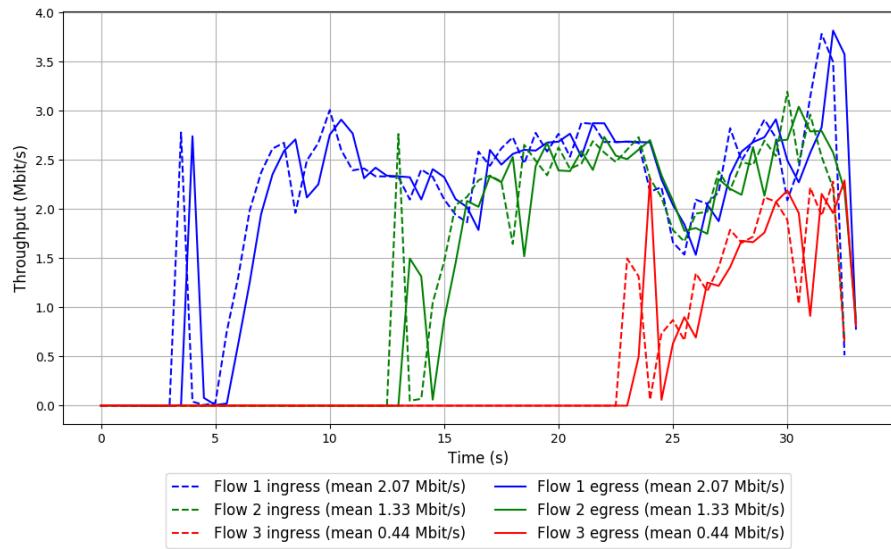


```
Run 7: Statistics of WebRTC media

Start at: 2018-07-26 21:08:48
End at: 2018-07-26 21:09:18
Local clock offset: 0.082 ms
Remote clock offset: -0.068 ms

# Below is generated by plot.py at 2018-07-27 01:31:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.83 Mbit/s
95th percentile per-packet one-way delay: 50.879 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.07 Mbit/s
95th percentile per-packet one-way delay: 50.934 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.33 Mbit/s
95th percentile per-packet one-way delay: 50.562 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 50.707 ms
Loss rate: 0.00%
```

Run 7: Report of WebRTC media — Data Link

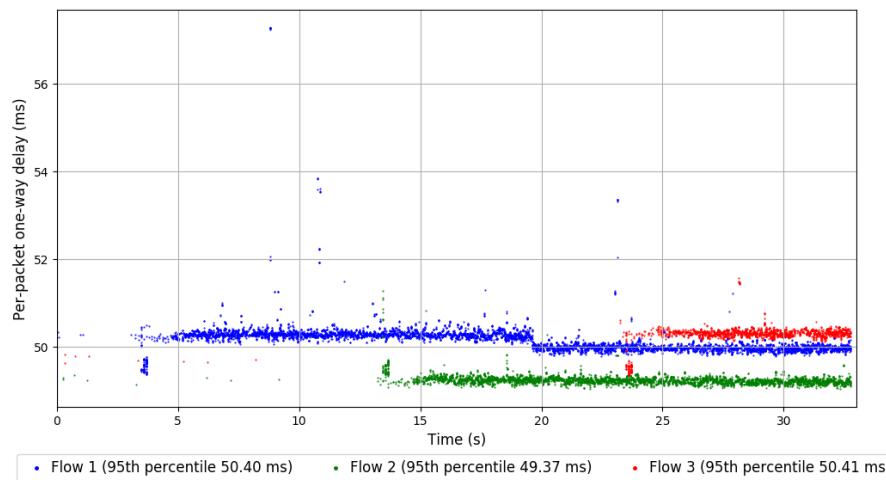
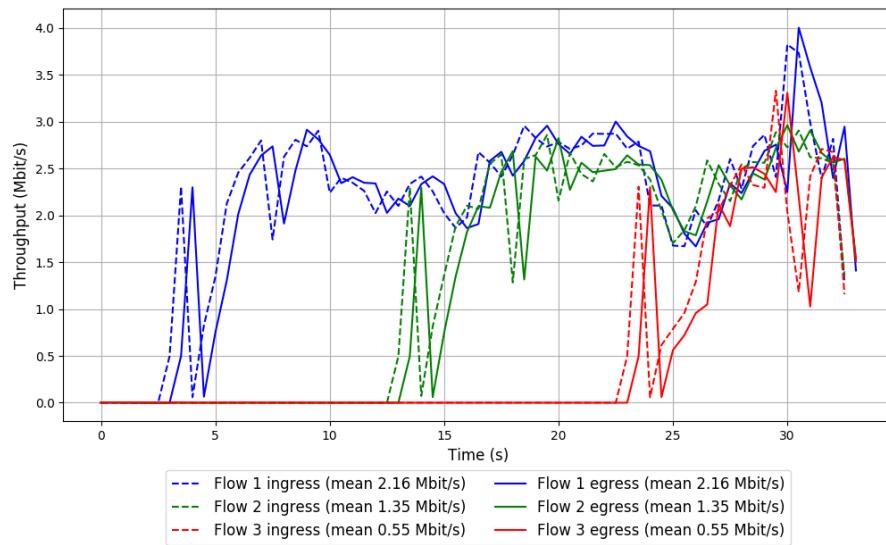


Run 8: Statistics of WebRTC media

```
Start at: 2018-07-26 21:33:45
End at: 2018-07-26 21:34:15
Local clock offset: 0.45 ms
Remote clock offset: -0.053 ms

# Below is generated by plot.py at 2018-07-27 01:31:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.04 Mbit/s
95th percentile per-packet one-way delay: 50.381 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.16 Mbit/s
95th percentile per-packet one-way delay: 50.395 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.35 Mbit/s
95th percentile per-packet one-way delay: 49.368 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.55 Mbit/s
95th percentile per-packet one-way delay: 50.414 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

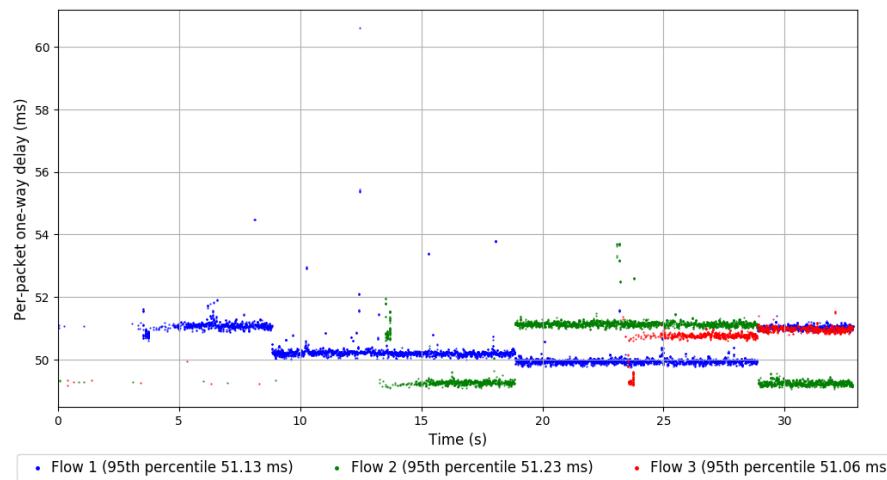
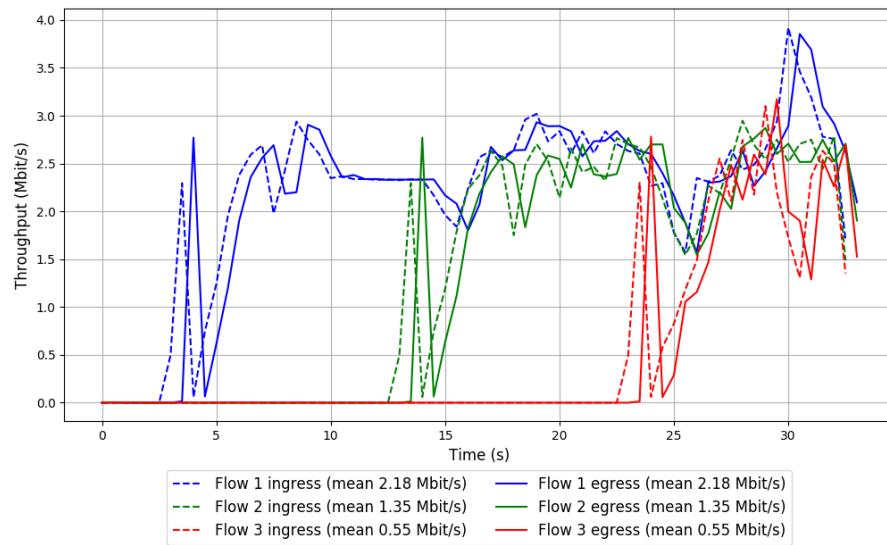


```
Run 9: Statistics of WebRTC media

Start at: 2018-07-26 21:58:46
End at: 2018-07-26 21:59:16
Local clock offset: -0.405 ms
Remote clock offset: -0.058 ms

# Below is generated by plot.py at 2018-07-27 01:31:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.08 Mbit/s
95th percentile per-packet one-way delay: 51.192 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.18 Mbit/s
95th percentile per-packet one-way delay: 51.130 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.35 Mbit/s
95th percentile per-packet one-way delay: 51.234 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.55 Mbit/s
95th percentile per-packet one-way delay: 51.061 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

```
Start at: 2018-07-26 22:23:28
End at: 2018-07-26 22:23:58
Local clock offset: -0.15 ms
Remote clock offset: -0.069 ms

# Below is generated by plot.py at 2018-07-27 01:31:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.82 Mbit/s
95th percentile per-packet one-way delay: 50.890 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 2.04 Mbit/s
95th percentile per-packet one-way delay: 50.773 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.31 Mbit/s
95th percentile per-packet one-way delay: 50.702 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 51.058 ms
Loss rate: 0.00%
```

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

