

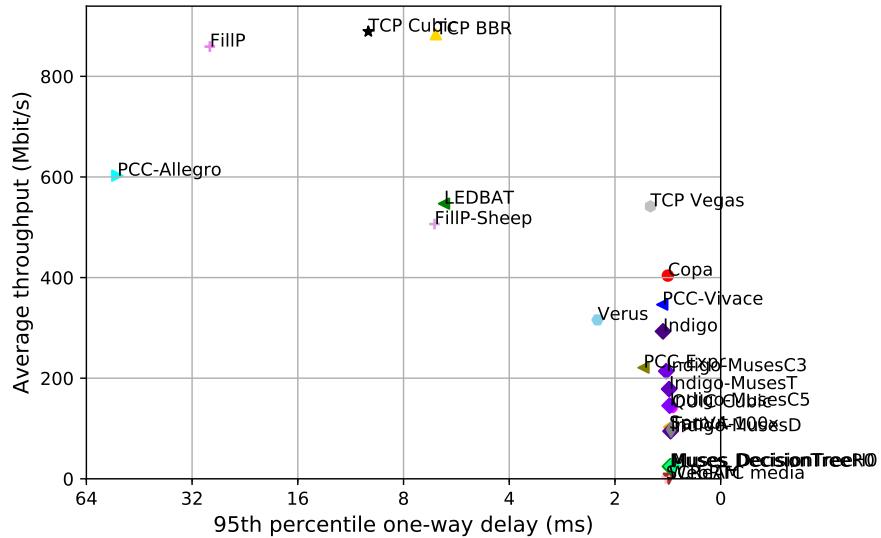
## Pantheon Report

Generated at 2019-08-27 15:29:29 (UTC).  
Data path: Stanford on `eno1` (*remote*) → AWS California 1 on `ens5` (*local*).  
Repeated the test of 24 congestion control schemes 5 times.  
Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.  
NTP offsets were measured against `time.stanford.edu` and have been applied to correct the timestamps in logs.

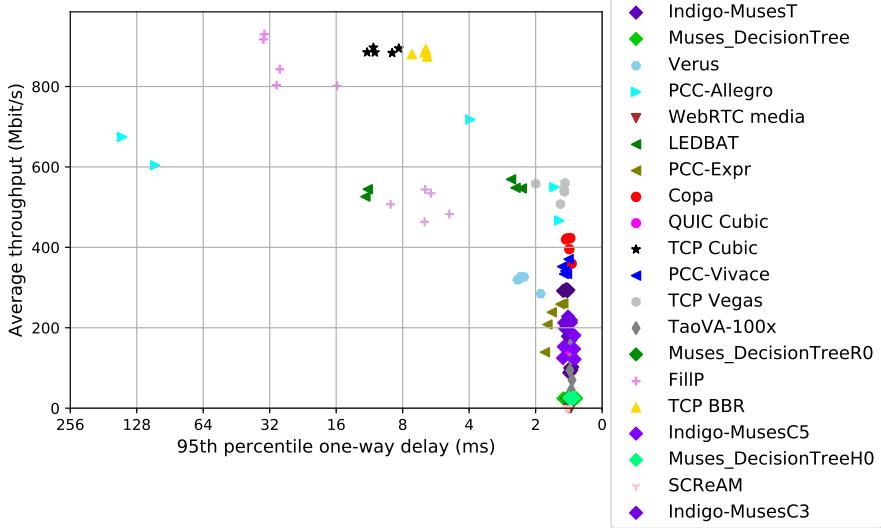
```
System info:  
Linux 4.15.0-1043-aws  
net.core.default_qdisc = fq  
net.core.rmem_default = 16777216  
net.core.rmem_max = 536870912  
net.core.wmem_default = 16777216  
net.core.wmem_max = 536870912  
net.ipv4.tcp_rmem = 4096 16777216 536870912  
net.ipv4.tcp_wmem = 4096 16777216 536870912  
  
Git summary:  
branch: muses @ de42328552b3776a75a932a94dfaf722537b0ec  
third_party/fillp @ d6da1459332fceef56963885d7eba17e6a32d4519  
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fcd45e12e923f9  
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4  
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d  
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf  
third_party/muses @ 5ce721187ad823da20955337730c746486ca4966  
third_party/muses_dtree @ 387225f7b5f61ddbe92d708a8869ffbb84eb3200  
third_party/pantheon-tunnel @ f866d3f58d27af942717625ee3a354cc2e802bd  
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  
M src/examples/cellsim.cc  
M src/examples/sproutbt2.cc  
M src/network/sproutconn.cc  
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494  
M src/verus.hpp
```

```
M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

test from Stanford to AWS California 1, 5 runs of 30s each per scheme  
 3 flows with 10s interval between flows (mean of all runs by scheme)



test from Stanford to AWS California 1, 5 runs of 30s each per scheme  
 3 flows with 10s interval between flows



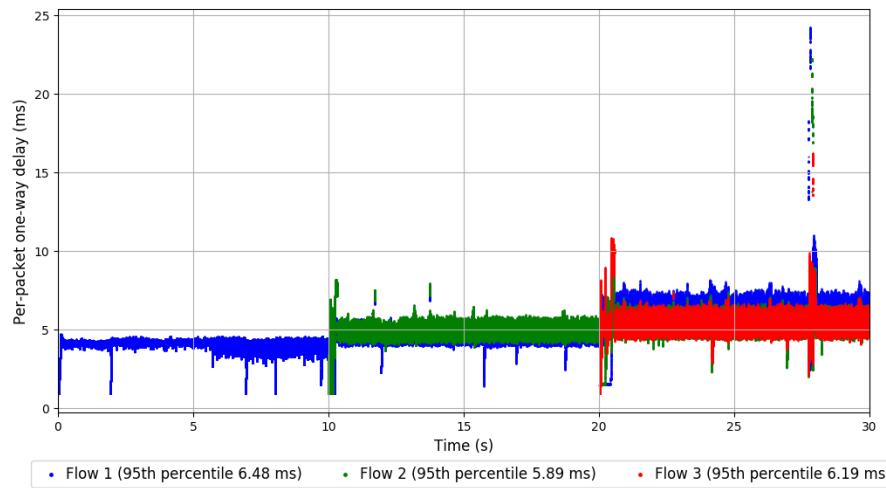
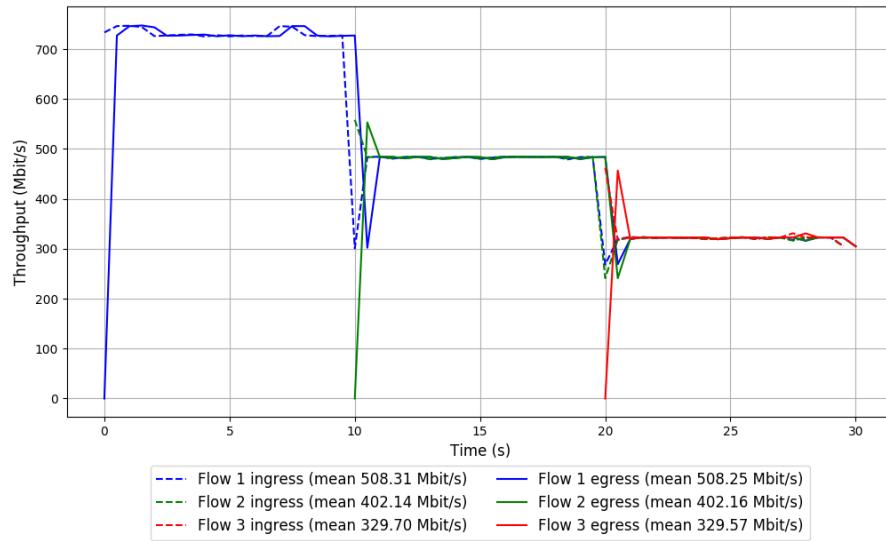
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	5	505.61	403.54	328.71	6.61	5.77	5.98	0.02	0.03	0.06
Copa	5	243.17	188.86	105.54	1.04	0.91	0.93	0.00	0.00	0.01
TCP Cubic	5	514.22	402.52	321.11	10.45	7.55	7.78	0.02	0.03	0.08
FillP	5	538.38	371.50	222.69	27.55	25.92	23.33	0.10	0.10	0.14
FillP-Sheep	5	374.01	179.61	40.04	6.57	4.99	3.00	0.00	0.00	0.00
Indigo	5	155.86	144.68	125.10	1.02	1.12	1.22	0.00	0.01	0.02
Indigo-MusesC3	5	152.45	82.29	41.85	1.03	1.05	0.98	0.00	0.02	0.04
Indigo-MusesC5	5	105.96	48.40	36.80	0.96	0.92	0.86	0.00	0.02	0.03
Indigo-MusesD	5	63.59	30.23	46.44	0.95	0.94	0.95	0.00	0.01	0.03
Indigo-MusesT	5	131.09	61.05	38.00	0.98	0.98	0.95	0.00	0.01	0.03
LEDBAT	5	328.29	234.05	196.42	6.56	3.27	1.66	0.00	0.00	0.03
Muses_DecisionTree	5	12.43	12.55	11.97	0.96	0.94	0.92	0.01	0.00	0.01
Muses_DecisionTreeH0	5	12.70	12.79	12.13	0.91	0.91	0.91	0.01	0.01	0.01
Muses_DecisionTreeR0	5	12.57	12.30	11.92	0.94	0.95	0.94	0.01	0.00	0.02
PCC-Allegro	5	471.74	155.53	83.94	53.57	1.57	1.39	0.59	0.01	0.03
PCC-Expr	5	130.30	119.54	34.02	1.20	1.50	1.03	0.00	0.00	0.02
QUIC Cubic	5	76.42	69.06	59.60	0.92	0.93	0.94	0.00	0.01	0.01
SCReAM	5	0.22	0.22	0.22	1.04	1.03	1.02	0.00	0.00	0.21
Sprout	5	50.23	50.14	49.87	0.97	0.97	1.00	0.02	0.02	0.00
TaoVA-100x	5	47.72	36.77	77.91	0.94	0.95	0.95	0.00	0.00	0.02
TCP Vegas	5	266.44	279.76	267.20	1.23	1.53	1.40	0.00	0.01	0.01
Verus	5	185.82	146.38	99.61	2.30	1.93	1.81	0.00	0.01	0.00
PCC-Vivace	5	207.84	152.12	113.00	1.02	1.27	1.36	0.00	0.01	0.03
WebRTC media	5	0.05	0.05	0.05	1.04	0.98	0.97	0.00	0.02	0.00

Run 1: Statistics of TCP BBR

```
Start at: 2019-08-27 11:52:48
End at: 2019-08-27 11:53:18
Local clock offset: -0.268 ms
Remote clock offset: 0.148 ms

# Below is generated by plot.py at 2019-08-27 14:35:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 885.71 Mbit/s
95th percentile per-packet one-way delay: 6.365 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 508.25 Mbit/s
95th percentile per-packet one-way delay: 6.478 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 402.16 Mbit/s
95th percentile per-packet one-way delay: 5.888 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 329.57 Mbit/s
95th percentile per-packet one-way delay: 6.190 ms
Loss rate: 0.06%
```

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

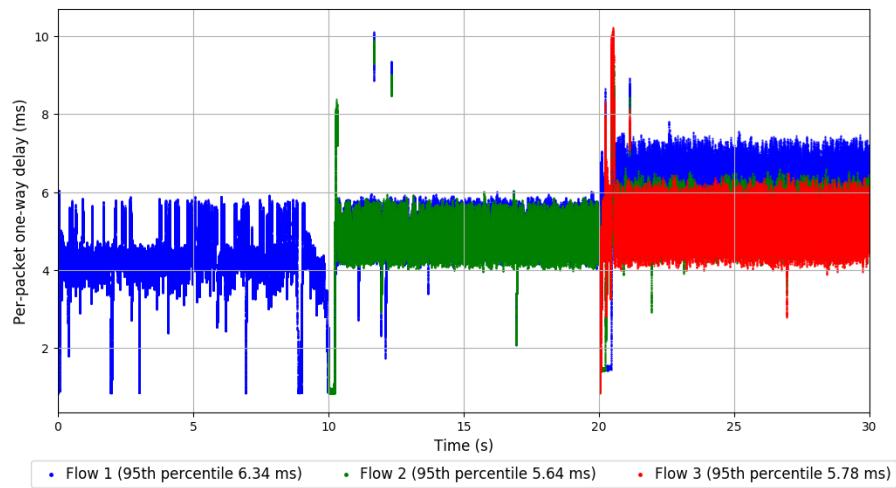
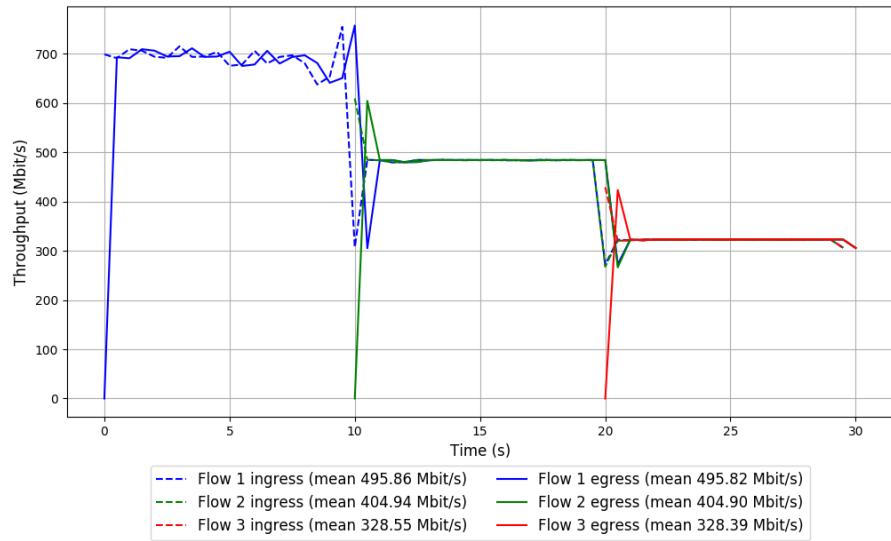


Run 2: Statistics of TCP BBR

```
Start at: 2019-08-27 12:26:56
End at: 2019-08-27 12:27:26
Local clock offset: -0.362 ms
Remote clock offset: 2.629 ms

# Below is generated by plot.py at 2019-08-27 14:35:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 874.55 Mbit/s
95th percentile per-packet one-way delay: 6.201 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 495.82 Mbit/s
95th percentile per-packet one-way delay: 6.343 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 404.90 Mbit/s
95th percentile per-packet one-way delay: 5.643 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 328.39 Mbit/s
95th percentile per-packet one-way delay: 5.784 ms
Loss rate: 0.06%
```

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

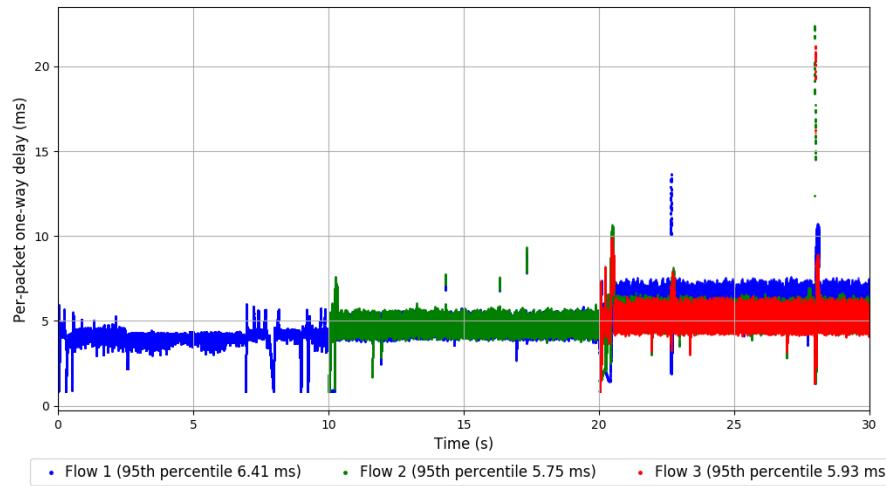
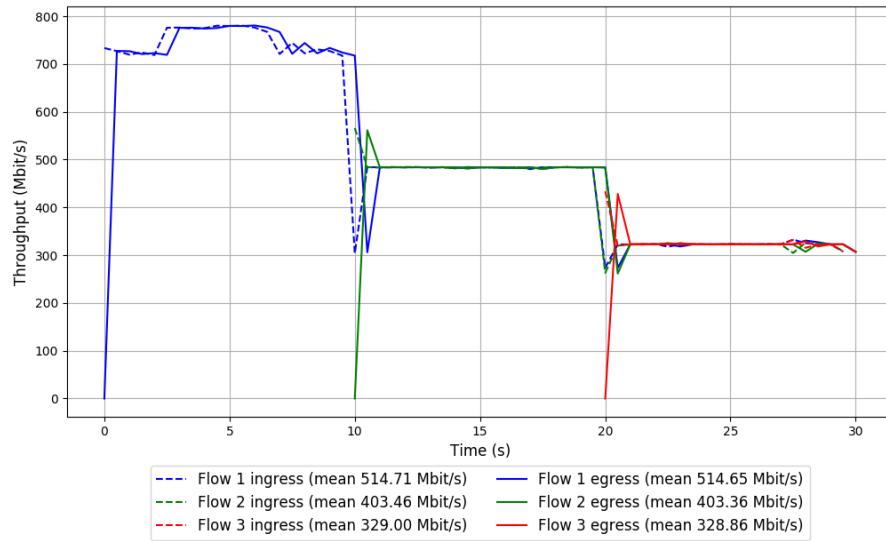


Run 3: Statistics of TCP BBR

```
Start at: 2019-08-27 13:01:13
End at: 2019-08-27 13:01:43
Local clock offset: -0.312 ms
Remote clock offset: 1.189 ms

# Below is generated by plot.py at 2019-08-27 14:35:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 892.62 Mbit/s
95th percentile per-packet one-way delay: 6.284 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 514.65 Mbit/s
95th percentile per-packet one-way delay: 6.405 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 403.36 Mbit/s
95th percentile per-packet one-way delay: 5.745 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 328.86 Mbit/s
95th percentile per-packet one-way delay: 5.935 ms
Loss rate: 0.06%
```

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

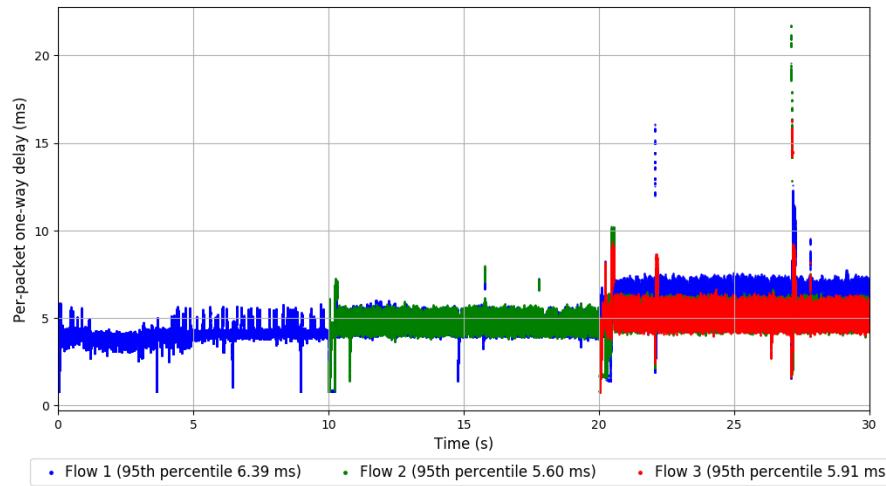
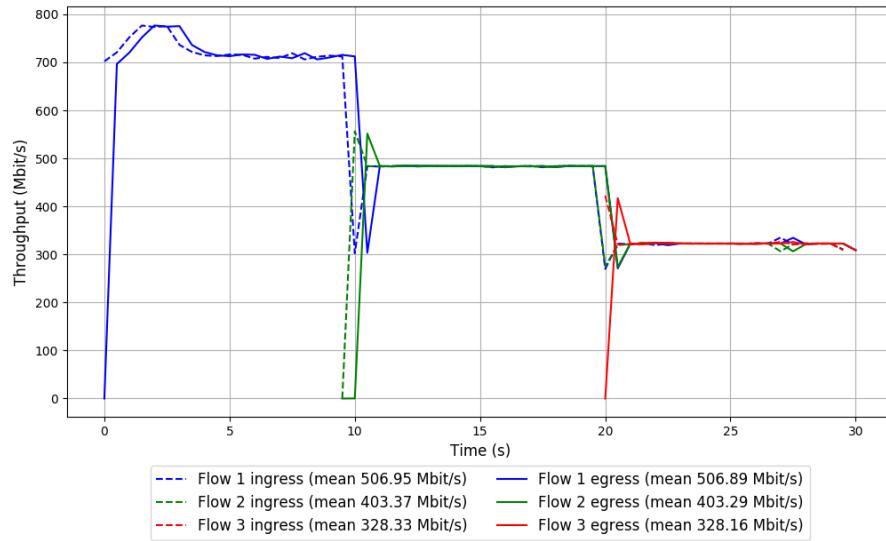


Run 4: Statistics of TCP BBR

```
Start at: 2019-08-27 13:35:29
End at: 2019-08-27 13:35:59
Local clock offset: -0.193 ms
Remote clock offset: -1.552 ms

# Below is generated by plot.py at 2019-08-27 14:35:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 884.72 Mbit/s
95th percentile per-packet one-way delay: 6.256 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 506.89 Mbit/s
95th percentile per-packet one-way delay: 6.391 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 403.29 Mbit/s
95th percentile per-packet one-way delay: 5.596 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 328.16 Mbit/s
95th percentile per-packet one-way delay: 5.908 ms
Loss rate: 0.06%
```

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

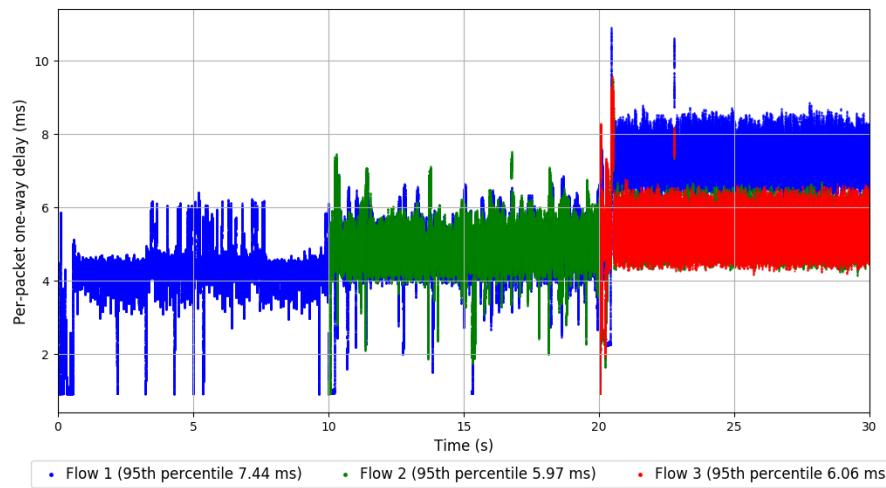
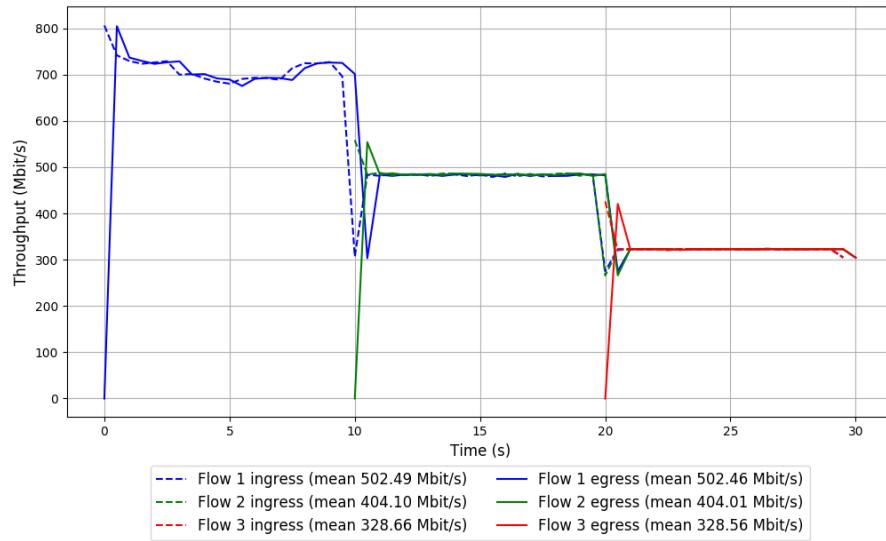


Run 5: Statistics of TCP BBR

```
Start at: 2019-08-27 14:09:44
End at: 2019-08-27 14:10:14
Local clock offset: -0.021 ms
Remote clock offset: -1.318 ms

# Below is generated by plot.py at 2019-08-27 14:35:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 880.52 Mbit/s
95th percentile per-packet one-way delay: 7.265 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 502.46 Mbit/s
95th percentile per-packet one-way delay: 7.443 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 404.01 Mbit/s
95th percentile per-packet one-way delay: 5.967 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 328.56 Mbit/s
95th percentile per-packet one-way delay: 6.063 ms
Loss rate: 0.06%
```

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

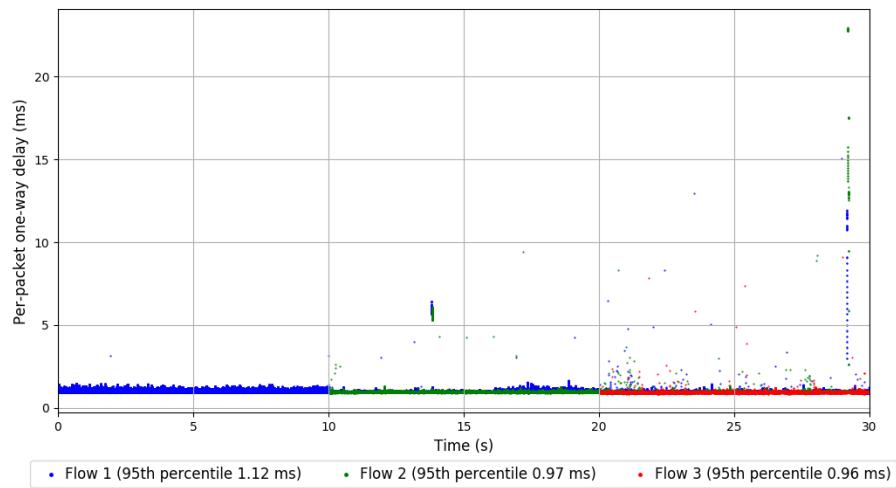
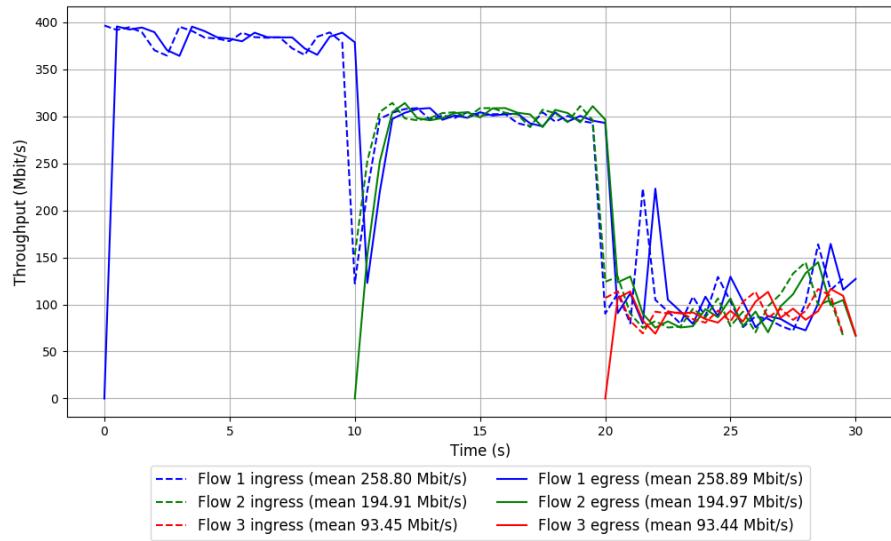


Run 1: Statistics of Copa

```
Start at: 2019-08-27 11:38:17
End at: 2019-08-27 11:38:47
Local clock offset: -0.35 ms
Remote clock offset: -0.107 ms

# Below is generated by plot.py at 2019-08-27 14:35:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 419.57 Mbit/s
95th percentile per-packet one-way delay: 1.085 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 258.89 Mbit/s
95th percentile per-packet one-way delay: 1.123 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 194.97 Mbit/s
95th percentile per-packet one-way delay: 0.967 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 93.44 Mbit/s
95th percentile per-packet one-way delay: 0.961 ms
Loss rate: 0.04%
```

Run 1: Report of Copa — Data Link

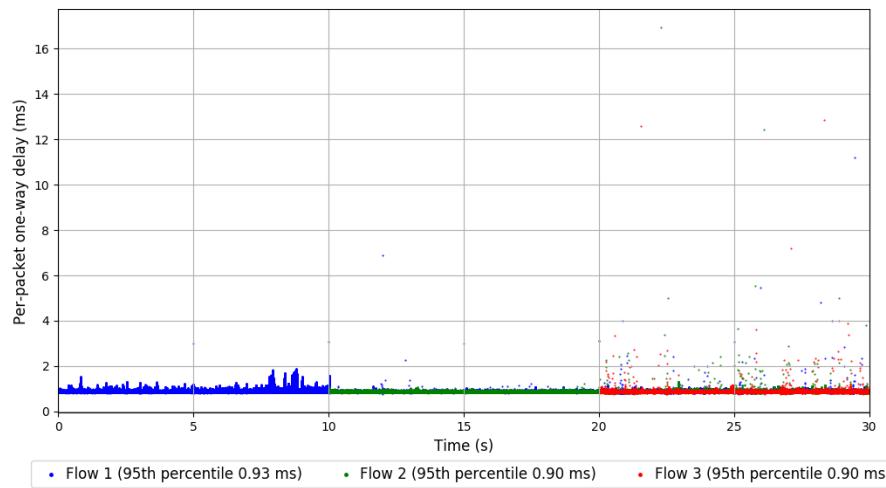
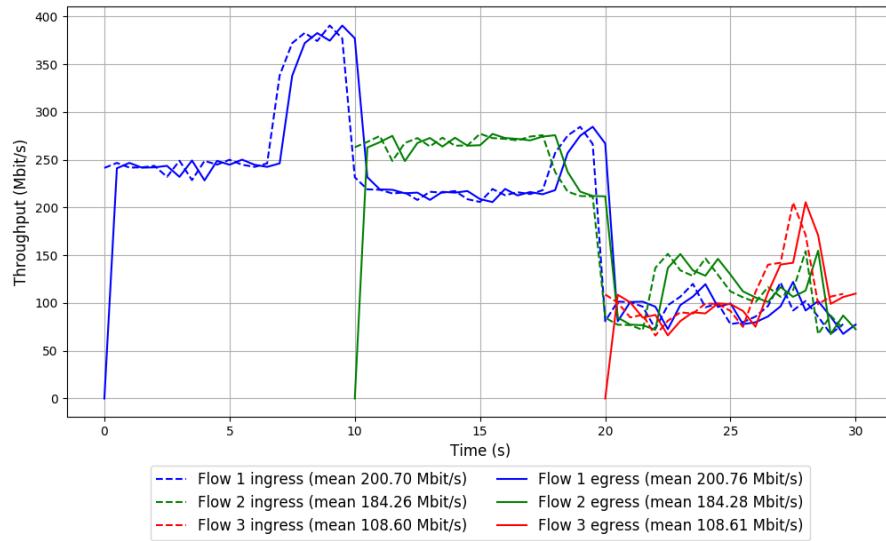


Run 2: Statistics of Copa

```
Start at: 2019-08-27 12:12:36
End at: 2019-08-27 12:13:06
Local clock offset: -0.321 ms
Remote clock offset: 2.415 ms

# Below is generated by plot.py at 2019-08-27 14:35:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 359.42 Mbit/s
95th percentile per-packet one-way delay: 0.914 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 200.76 Mbit/s
95th percentile per-packet one-way delay: 0.934 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 184.28 Mbit/s
95th percentile per-packet one-way delay: 0.901 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 108.61 Mbit/s
95th percentile per-packet one-way delay: 0.899 ms
Loss rate: 0.01%
```

## Run 2: Report of Copa — Data Link

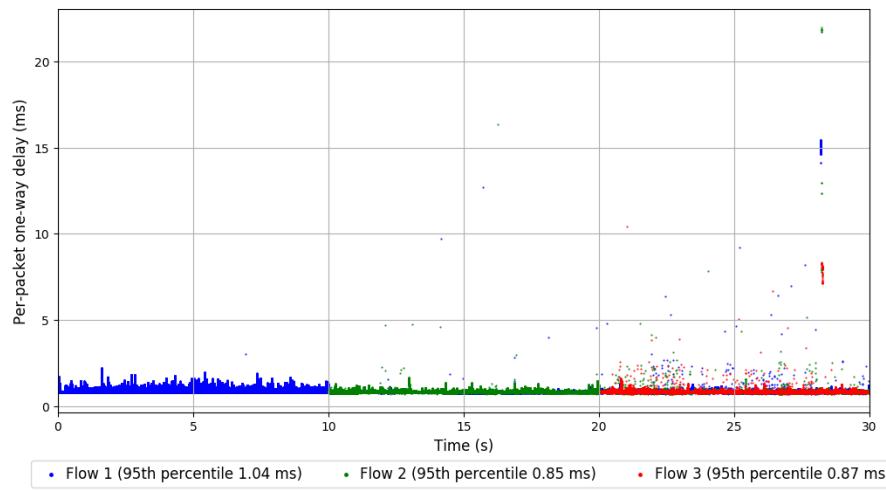
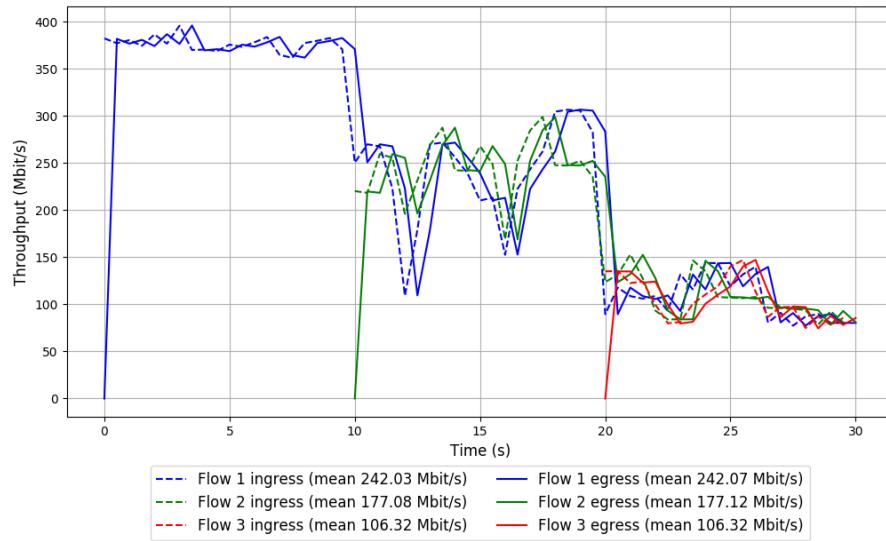


Run 3: Statistics of Copa

```
Start at: 2019-08-27 12:46:45
End at: 2019-08-27 12:47:15
Local clock offset: -0.341 ms
Remote clock offset: 1.424 ms

# Below is generated by plot.py at 2019-08-27 14:35:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 395.31 Mbit/s
95th percentile per-packet one-way delay: 0.986 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 242.07 Mbit/s
95th percentile per-packet one-way delay: 1.038 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 177.12 Mbit/s
95th percentile per-packet one-way delay: 0.854 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 106.32 Mbit/s
95th percentile per-packet one-way delay: 0.867 ms
Loss rate: 0.00%
```

### Run 3: Report of Copa — Data Link

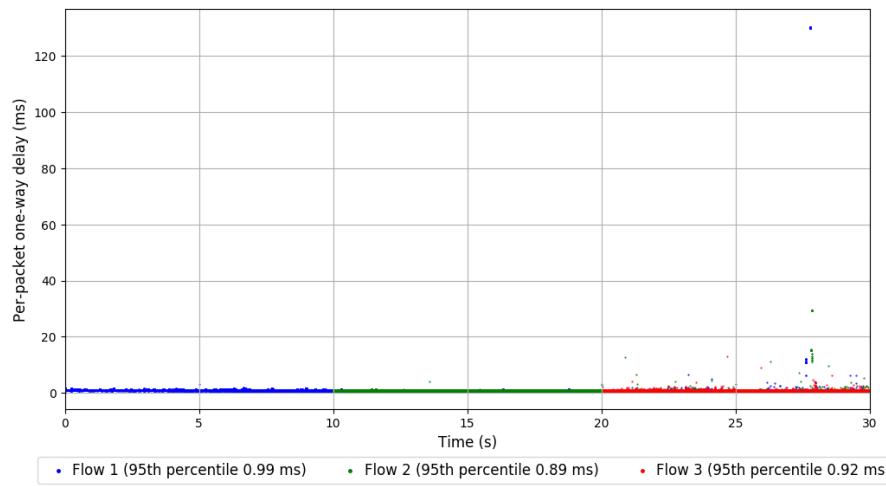
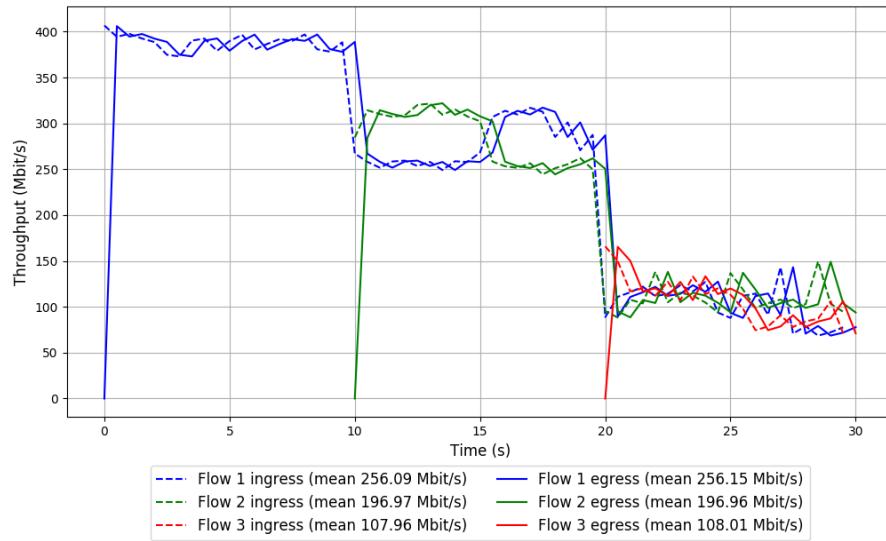


Run 4: Statistics of Copa

```
Start at: 2019-08-27 13:21:02
End at: 2019-08-27 13:21:32
Local clock offset: -0.249 ms
Remote clock offset: -0.916 ms

# Below is generated by plot.py at 2019-08-27 14:42:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 423.06 Mbit/s
95th percentile per-packet one-way delay: 0.956 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 256.15 Mbit/s
95th percentile per-packet one-way delay: 0.989 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 196.96 Mbit/s
95th percentile per-packet one-way delay: 0.886 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 108.01 Mbit/s
95th percentile per-packet one-way delay: 0.918 ms
Loss rate: 0.00%
```

## Run 4: Report of Copa — Data Link

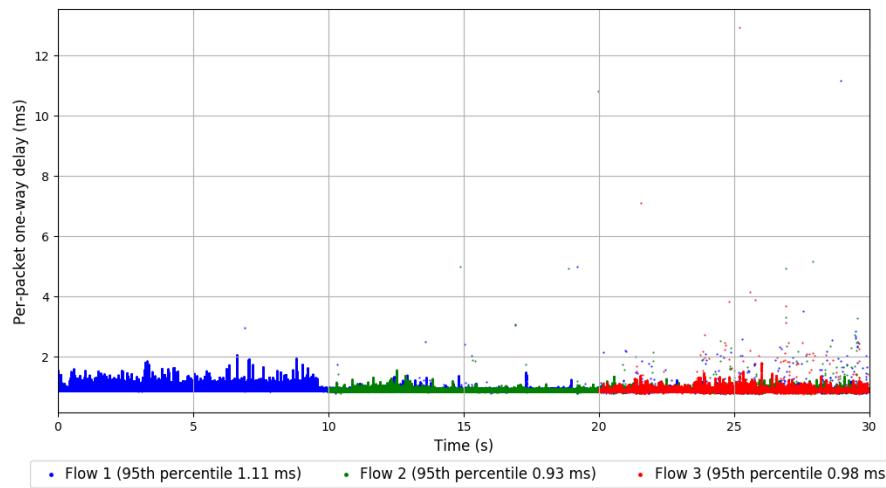
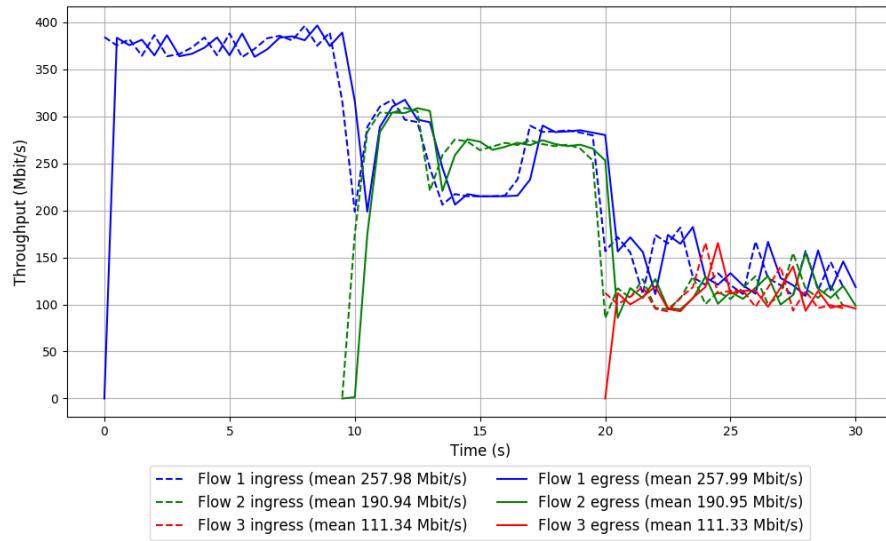


Run 5: Statistics of Copa

```
Start at: 2019-08-27 13:55:17
End at: 2019-08-27 13:55:47
Local clock offset: -0.14 ms
Remote clock offset: -1.232 ms

# Below is generated by plot.py at 2019-08-27 14:43:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 422.19 Mbit/s
95th percentile per-packet one-way delay: 1.058 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 257.99 Mbit/s
95th percentile per-packet one-way delay: 1.107 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 190.95 Mbit/s
95th percentile per-packet one-way delay: 0.934 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 111.33 Mbit/s
95th percentile per-packet one-way delay: 0.984 ms
Loss rate: 0.01%
```

## Run 5: Report of Copa — Data Link

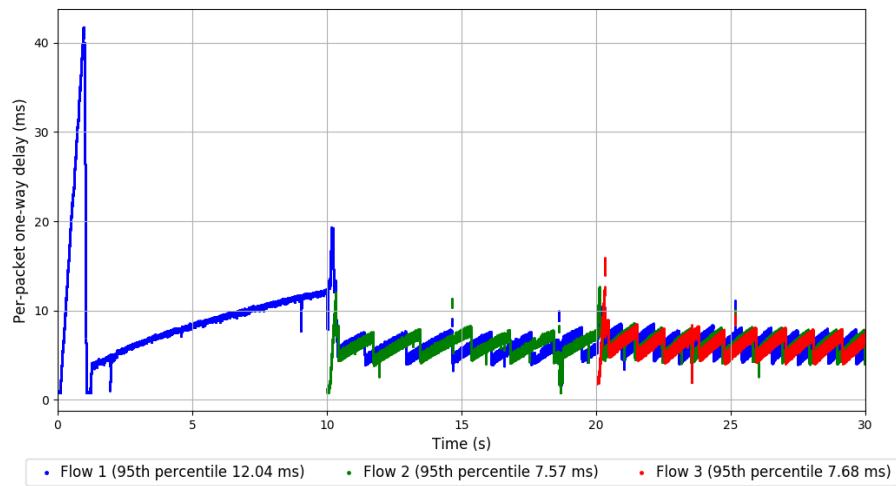
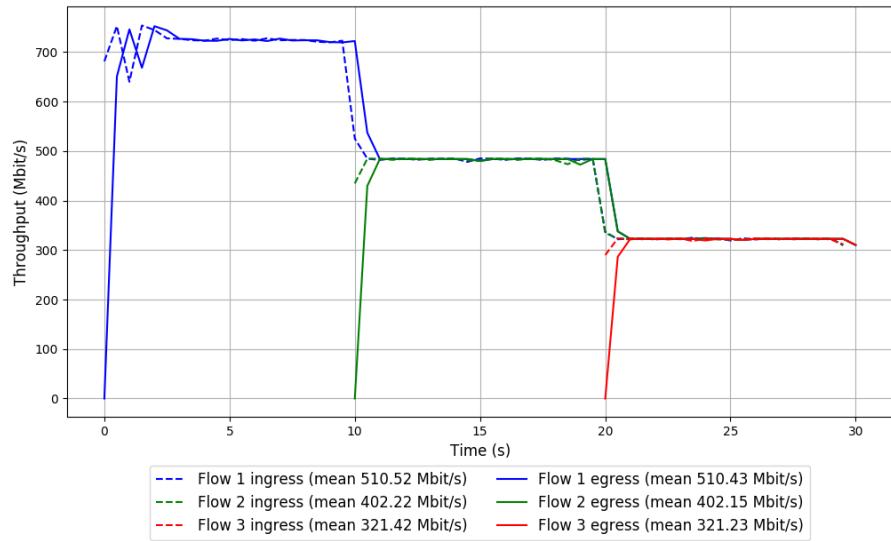


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2019-08-27 11:51:04
End at: 2019-08-27 11:51:34
Local clock offset: -0.307 ms
Remote clock offset: 0.178 ms

# Below is generated by plot.py at 2019-08-27 14:44:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 885.05 Mbit/s
95th percentile per-packet one-way delay: 11.585 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 510.43 Mbit/s
95th percentile per-packet one-way delay: 12.041 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 402.15 Mbit/s
95th percentile per-packet one-way delay: 7.571 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 321.23 Mbit/s
95th percentile per-packet one-way delay: 7.681 ms
Loss rate: 0.08%
```

Run 1: Report of TCP Cubic — Data Link

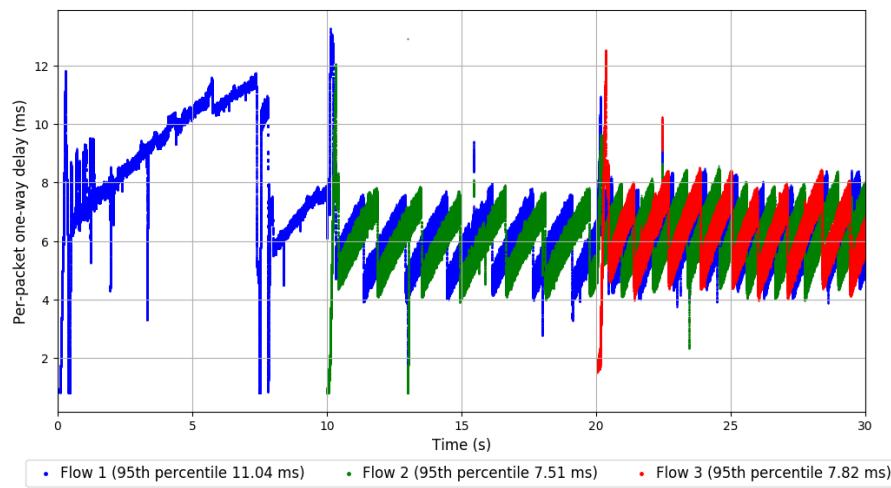
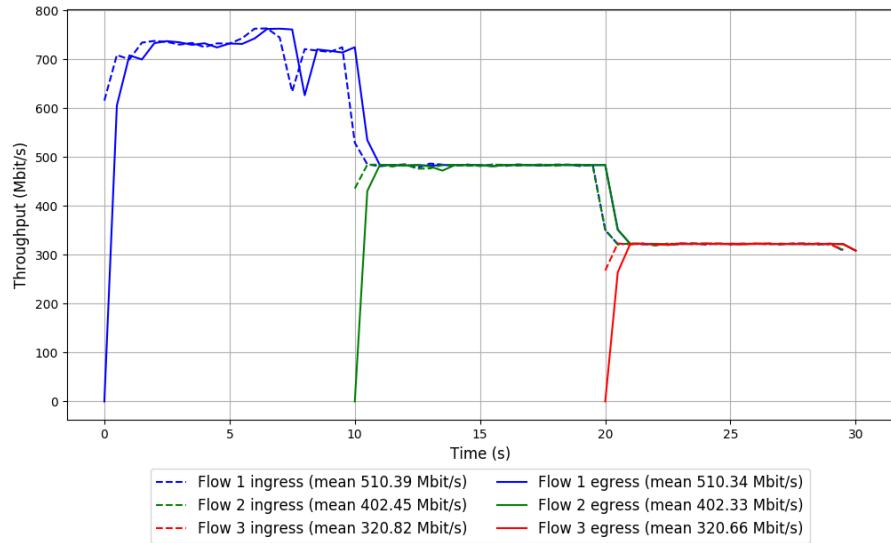


Run 2: Statistics of TCP Cubic

```
Start at: 2019-08-27 12:25:12
End at: 2019-08-27 12:25:42
Local clock offset: -0.357 ms
Remote clock offset: 2.683 ms

# Below is generated by plot.py at 2019-08-27 14:45:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 884.80 Mbit/s
95th percentile per-packet one-way delay: 10.691 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 510.34 Mbit/s
95th percentile per-packet one-way delay: 11.035 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 402.33 Mbit/s
95th percentile per-packet one-way delay: 7.509 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 320.66 Mbit/s
95th percentile per-packet one-way delay: 7.816 ms
Loss rate: 0.07%
```

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

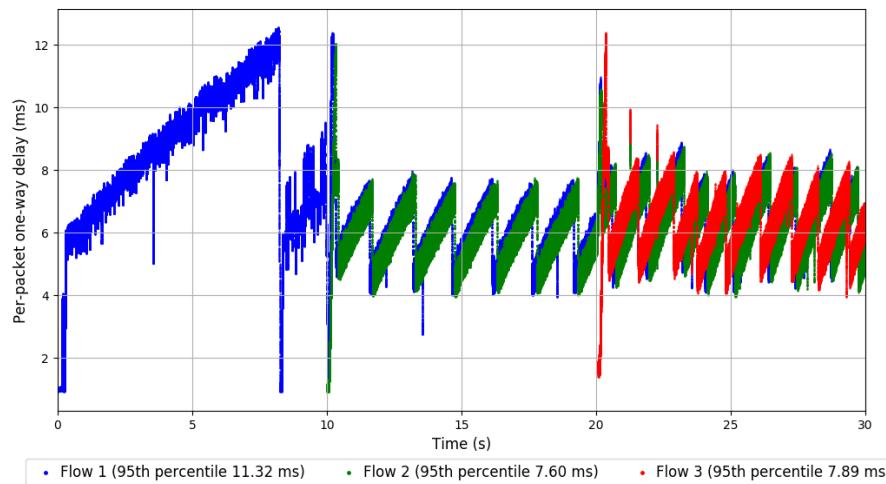
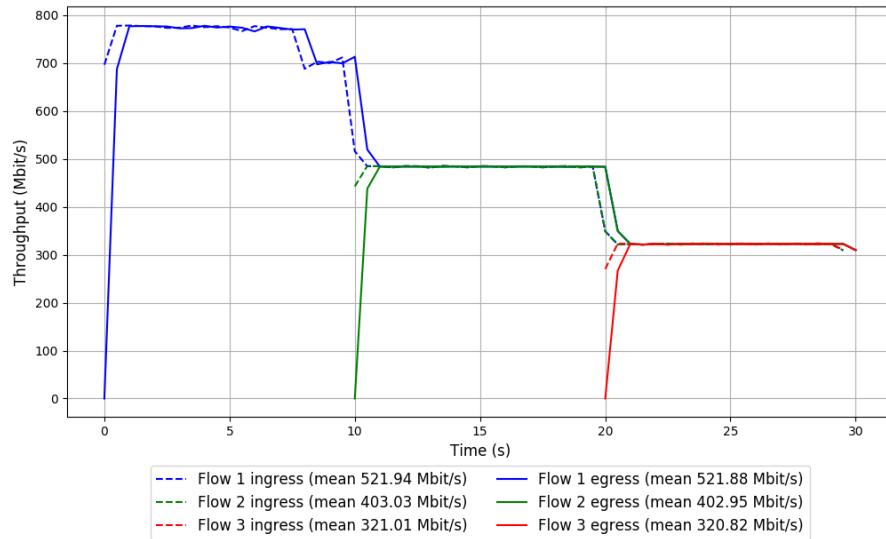


Run 3: Statistics of TCP Cubic

```
Start at: 2019-08-27 12:59:30
End at: 2019-08-27 13:00:00
Local clock offset: -0.325 ms
Remote clock offset: 1.132 ms

# Below is generated by plot.py at 2019-08-27 14:45:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 896.78 Mbit/s
95th percentile per-packet one-way delay: 10.854 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 521.88 Mbit/s
95th percentile per-packet one-way delay: 11.323 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 402.95 Mbit/s
95th percentile per-packet one-way delay: 7.602 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 320.82 Mbit/s
95th percentile per-packet one-way delay: 7.894 ms
Loss rate: 0.08%
```

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

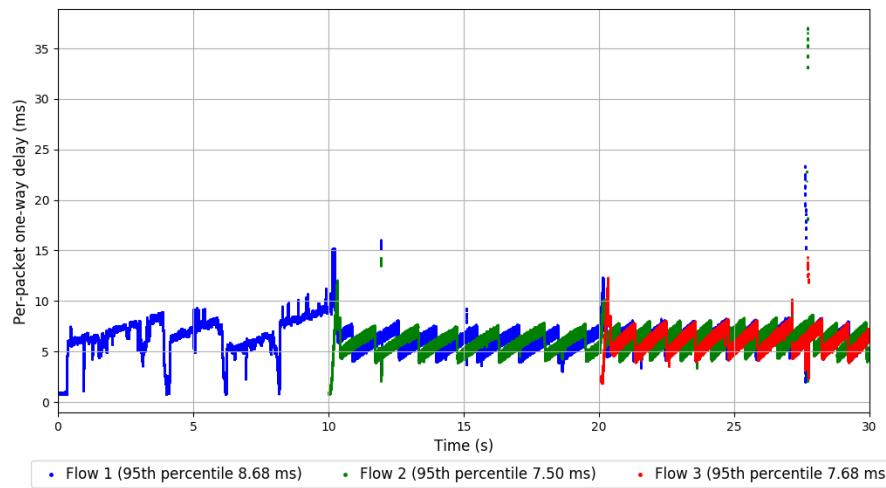
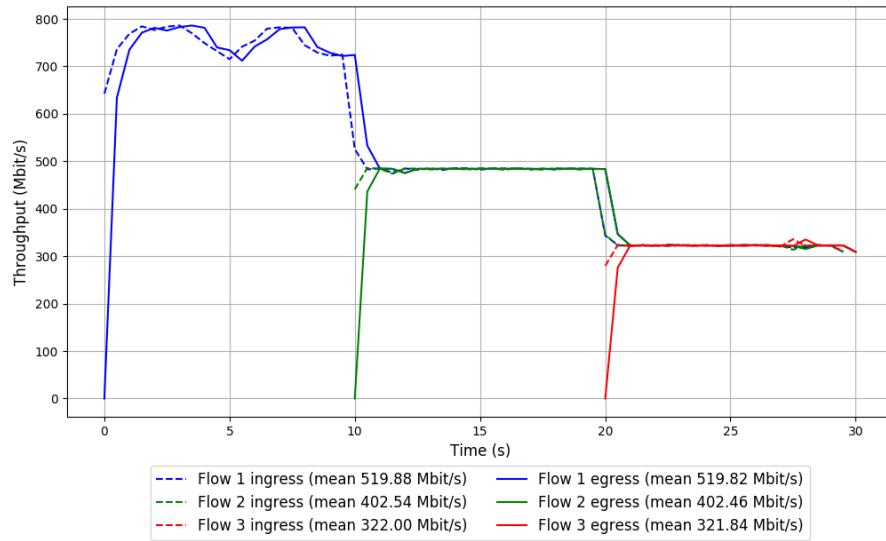


Run 4: Statistics of TCP Cubic

```
Start at: 2019-08-27 13:33:45
End at: 2019-08-27 13:34:15
Local clock offset: -0.217 ms
Remote clock offset: -1.52 ms

# Below is generated by plot.py at 2019-08-27 14:45:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 894.78 Mbit/s
95th percentile per-packet one-way delay: 8.333 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 519.82 Mbit/s
95th percentile per-packet one-way delay: 8.684 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 402.46 Mbit/s
95th percentile per-packet one-way delay: 7.497 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 321.84 Mbit/s
95th percentile per-packet one-way delay: 7.677 ms
Loss rate: 0.08%
```

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

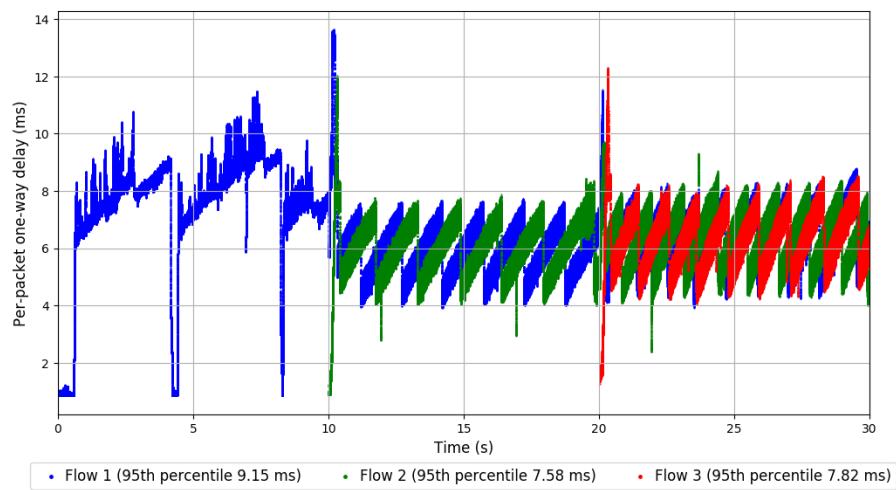
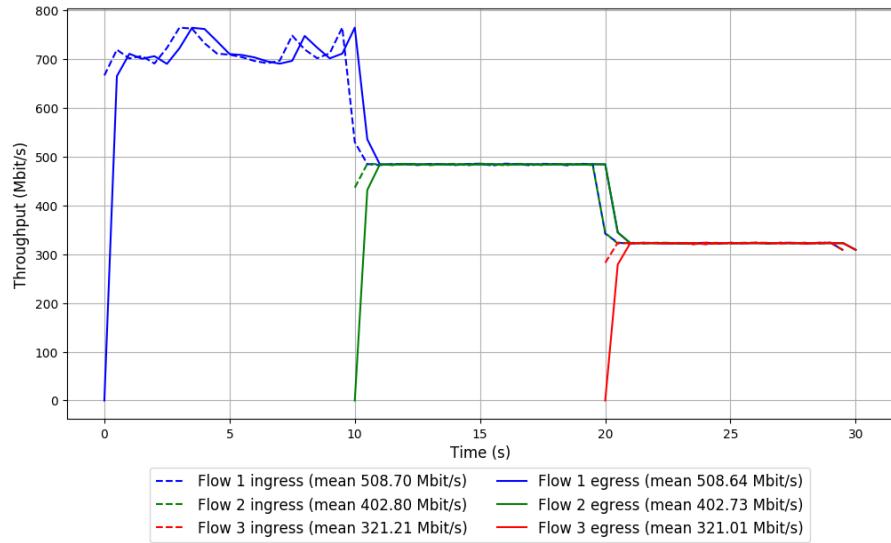


Run 5: Statistics of TCP Cubic

```
Start at: 2019-08-27 14:08:00
End at: 2019-08-27 14:08:30
Local clock offset: -0.03 ms
Remote clock offset: -1.256 ms

# Below is generated by plot.py at 2019-08-27 14:45:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 883.56 Mbit/s
95th percentile per-packet one-way delay: 8.923 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 508.64 Mbit/s
95th percentile per-packet one-way delay: 9.148 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 402.73 Mbit/s
95th percentile per-packet one-way delay: 7.583 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 321.01 Mbit/s
95th percentile per-packet one-way delay: 7.822 ms
Loss rate: 0.07%
```

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

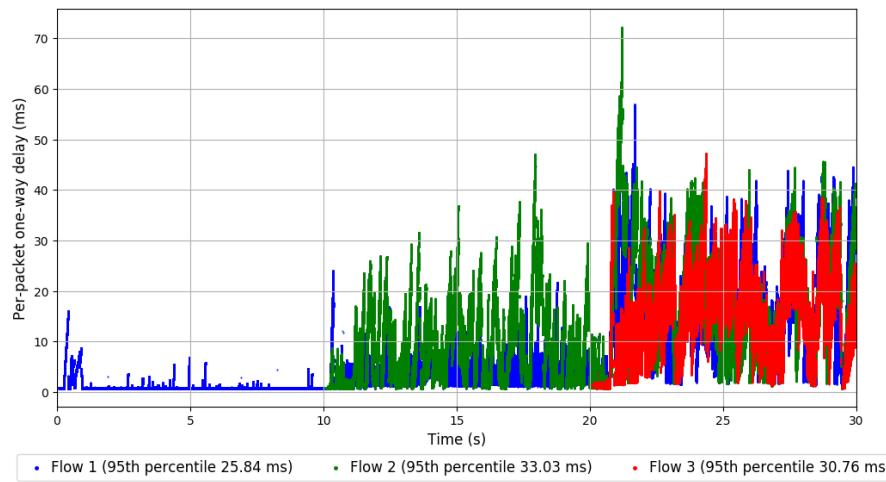
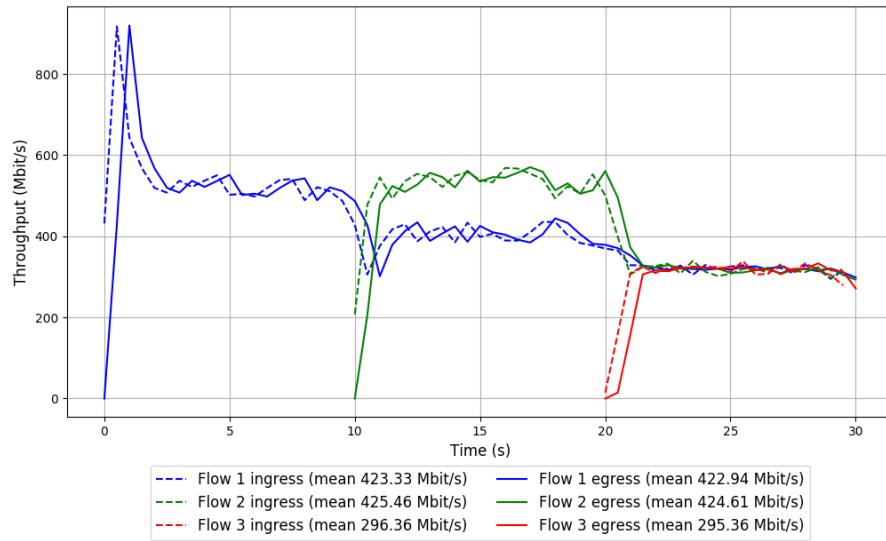


```
Run 1: Statistics of FillP

Start at: 2019-08-27 11:57:31
End at: 2019-08-27 11:58:01
Local clock offset: -0.241 ms
Remote clock offset: 0.313 ms

# Below is generated by plot.py at 2019-08-27 14:47:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 803.50 Mbit/s
95th percentile per-packet one-way delay: 29.793 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 422.94 Mbit/s
95th percentile per-packet one-way delay: 25.842 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 424.61 Mbit/s
95th percentile per-packet one-way delay: 33.032 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 295.36 Mbit/s
95th percentile per-packet one-way delay: 30.761 ms
Loss rate: 0.22%
```

Run 1: Report of FillP — Data Link

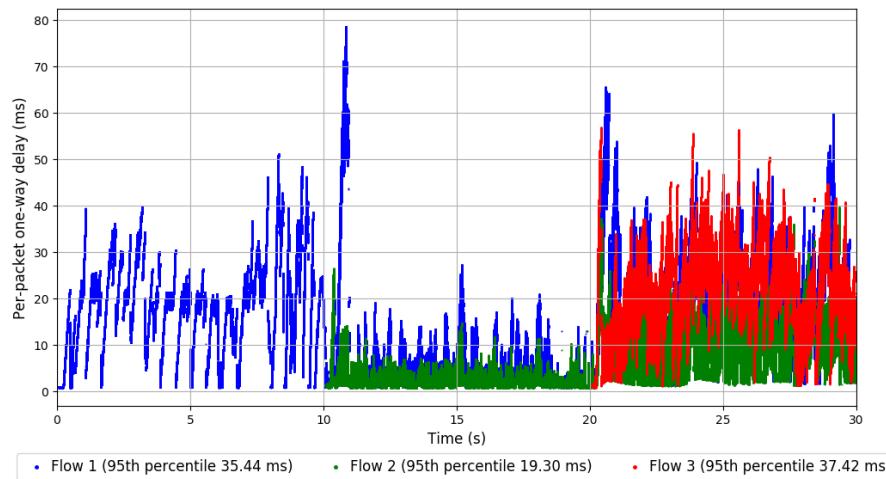
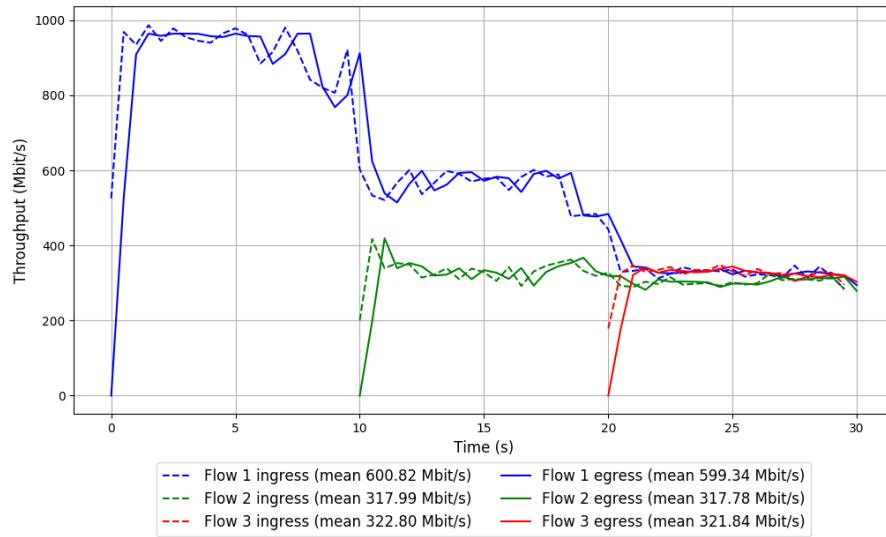


Run 2: Statistics of FillP

```
Start at: 2019-08-27 12:31:39
End at: 2019-08-27 12:32:09
Local clock offset: -0.396 ms
Remote clock offset: 2.627 ms

# Below is generated by plot.py at 2019-08-27 14:56:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 917.23 Mbit/s
95th percentile per-packet one-way delay: 34.153 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 599.34 Mbit/s
95th percentile per-packet one-way delay: 35.436 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 317.78 Mbit/s
95th percentile per-packet one-way delay: 19.295 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 321.84 Mbit/s
95th percentile per-packet one-way delay: 37.416 ms
Loss rate: 0.30%
```

## Run 2: Report of FillP — Data Link

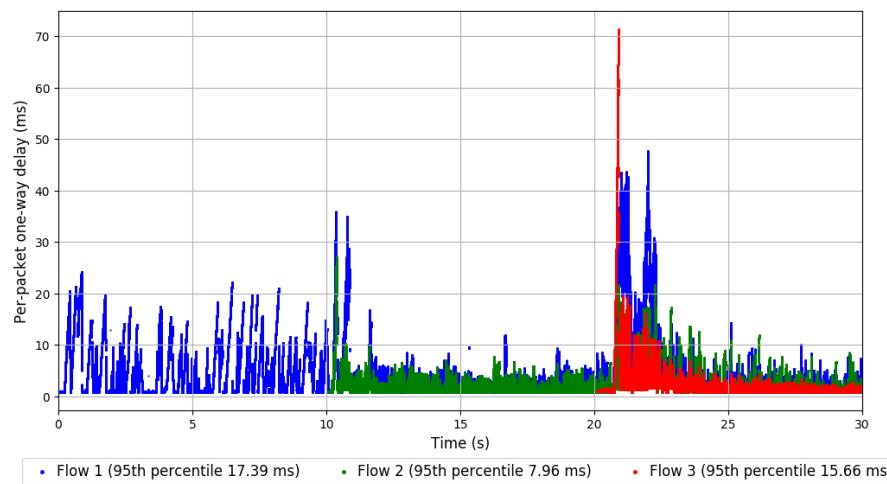
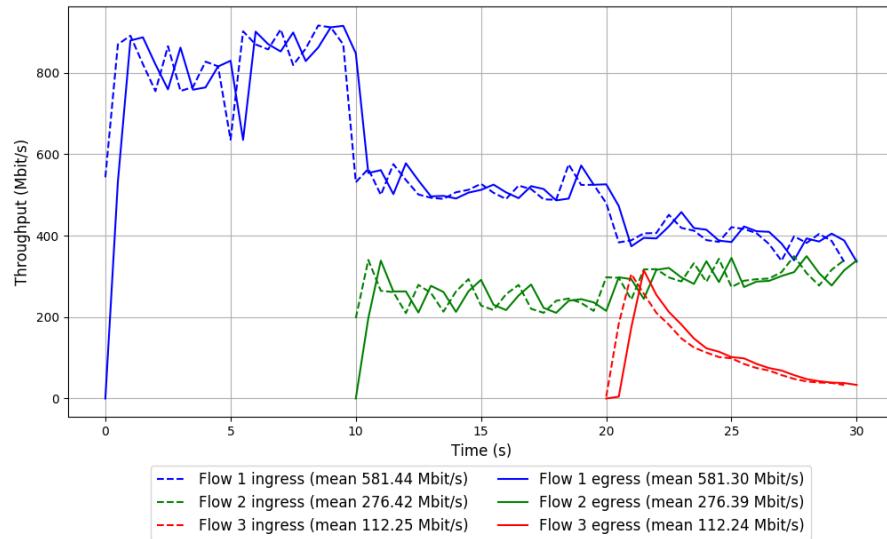


Run 3: Statistics of FillP

```
Start at: 2019-08-27 13:05:54
End at: 2019-08-27 13:06:24
Local clock offset: -0.298 ms
Remote clock offset: 1.072 ms

# Below is generated by plot.py at 2019-08-27 14:56:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 801.85 Mbit/s
95th percentile per-packet one-way delay: 15.863 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 581.30 Mbit/s
95th percentile per-packet one-way delay: 17.389 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 276.39 Mbit/s
95th percentile per-packet one-way delay: 7.962 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 112.24 Mbit/s
95th percentile per-packet one-way delay: 15.656 ms
Loss rate: 0.00%
```

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

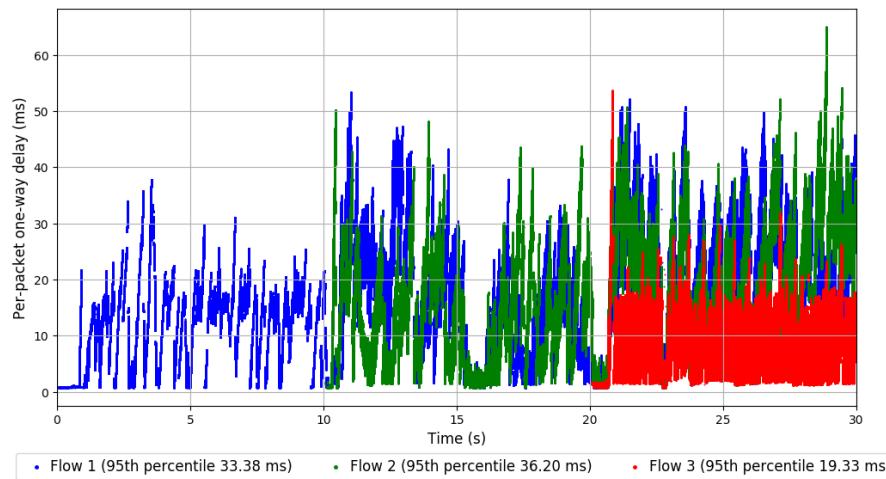
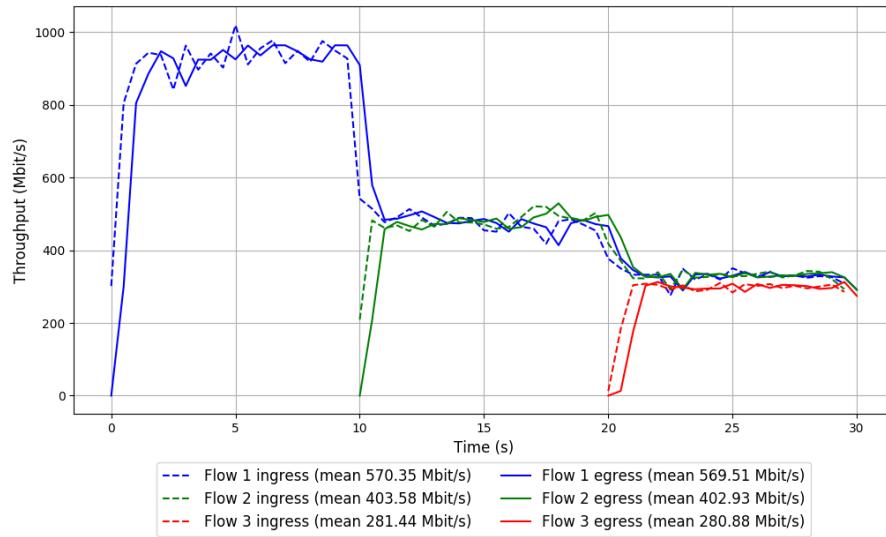


Run 4: Statistics of FillP

```
Start at: 2019-08-27 13:40:12
End at: 2019-08-27 13:40:42
Local clock offset: -0.196 ms
Remote clock offset: -1.814 ms

# Below is generated by plot.py at 2019-08-27 14:58:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 930.28 Mbit/s
95th percentile per-packet one-way delay: 33.824 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 569.51 Mbit/s
95th percentile per-packet one-way delay: 33.379 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 402.93 Mbit/s
95th percentile per-packet one-way delay: 36.198 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 280.88 Mbit/s
95th percentile per-packet one-way delay: 19.333 ms
Loss rate: 0.19%
```

## Run 4: Report of FillP — Data Link

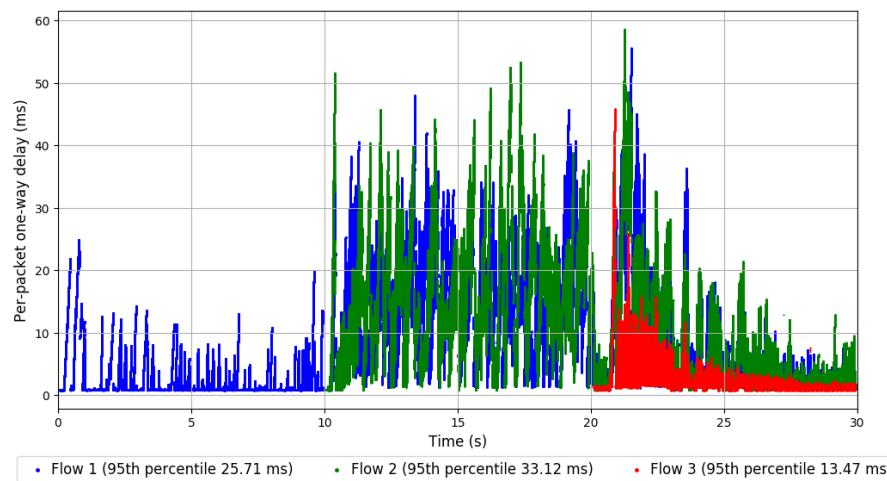
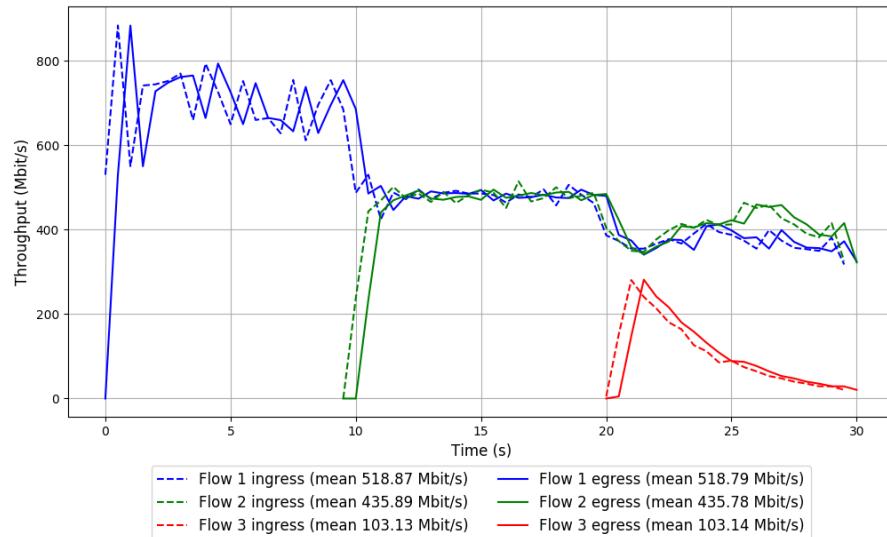


Run 5: Statistics of FillP

```
Start at: 2019-08-27 14:14:26
End at: 2019-08-27 14:14:56
Local clock offset: -0.012 ms
Remote clock offset: -1.276 ms

# Below is generated by plot.py at 2019-08-27 14:58:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 843.18 Mbit/s
95th percentile per-packet one-way delay: 28.790 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 518.79 Mbit/s
95th percentile per-packet one-way delay: 25.710 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 435.78 Mbit/s
95th percentile per-packet one-way delay: 33.119 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 103.14 Mbit/s
95th percentile per-packet one-way delay: 13.469 ms
Loss rate: 0.00%
```

## Run 5: Report of FillP — Data Link

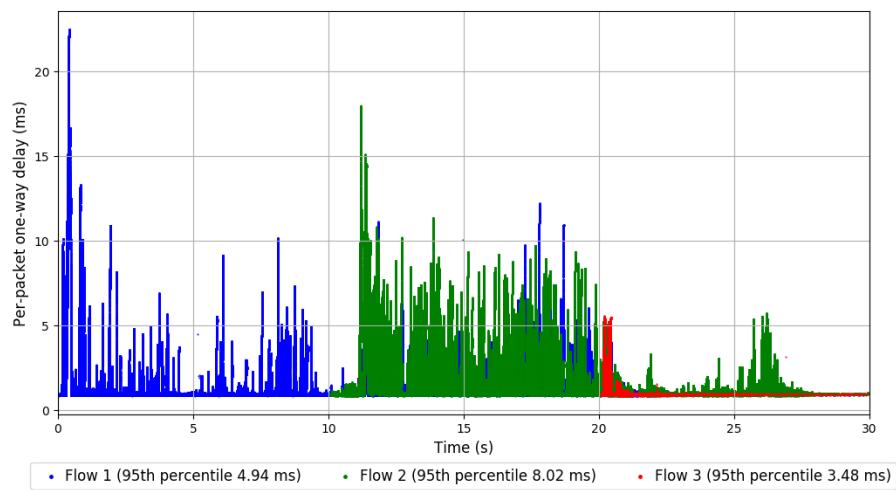
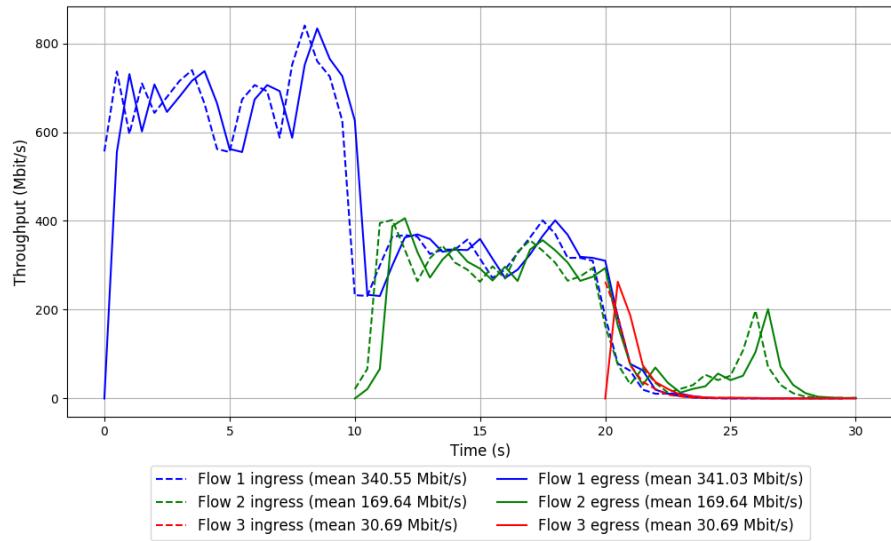


Run 1: Statistics of FillP-Sheep

```
Start at: 2019-08-27 11:30:17
End at: 2019-08-27 11:30:47
Local clock offset: -0.38 ms
Remote clock offset: -0.121 ms

# Below is generated by plot.py at 2019-08-27 14:58:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 463.55 Mbit/s
95th percentile per-packet one-way delay: 6.363 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 341.03 Mbit/s
95th percentile per-packet one-way delay: 4.943 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 169.64 Mbit/s
95th percentile per-packet one-way delay: 8.022 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.69 Mbit/s
95th percentile per-packet one-way delay: 3.477 ms
Loss rate: 0.00%
```

Run 1: Report of FillP-Sheep — Data Link

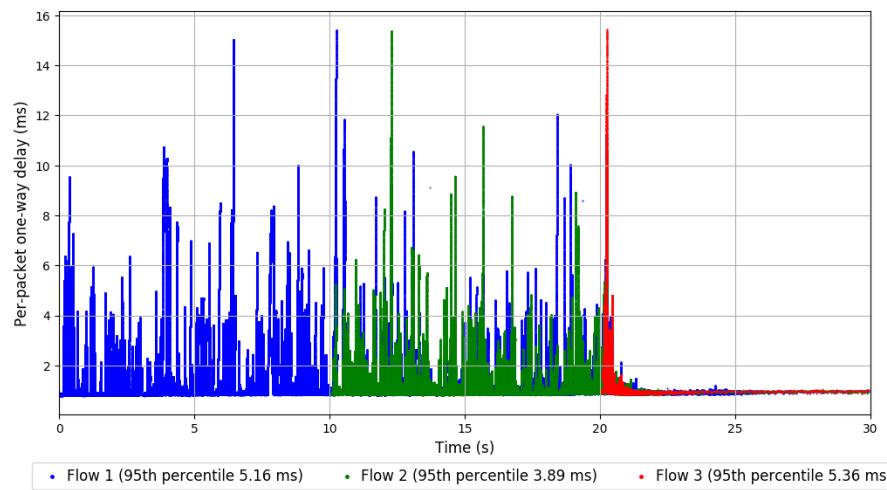
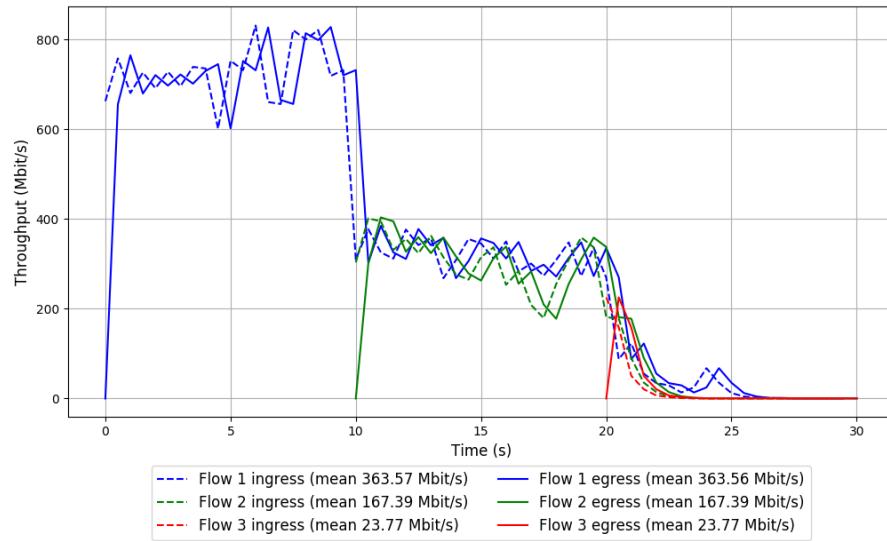


Run 2: Statistics of FillP-Sheep

```
Start at: 2019-08-27 12:04:31
End at: 2019-08-27 12:05:01
Local clock offset: -0.293 ms
Remote clock offset: 1.943 ms

# Below is generated by plot.py at 2019-08-27 14:58:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 482.66 Mbit/s
95th percentile per-packet one-way delay: 4.917 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 363.56 Mbit/s
95th percentile per-packet one-way delay: 5.164 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 167.39 Mbit/s
95th percentile per-packet one-way delay: 3.888 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 23.77 Mbit/s
95th percentile per-packet one-way delay: 5.361 ms
Loss rate: 0.00%
```

Run 2: Report of FillP-Sheep — Data Link

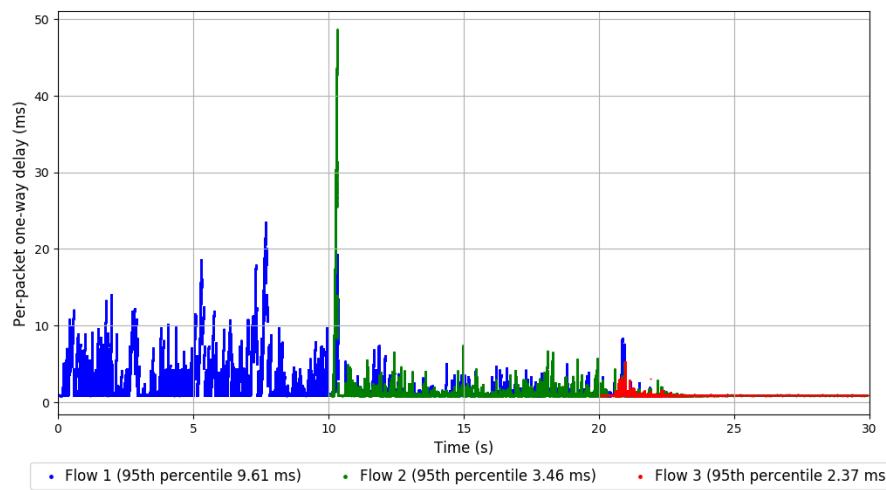
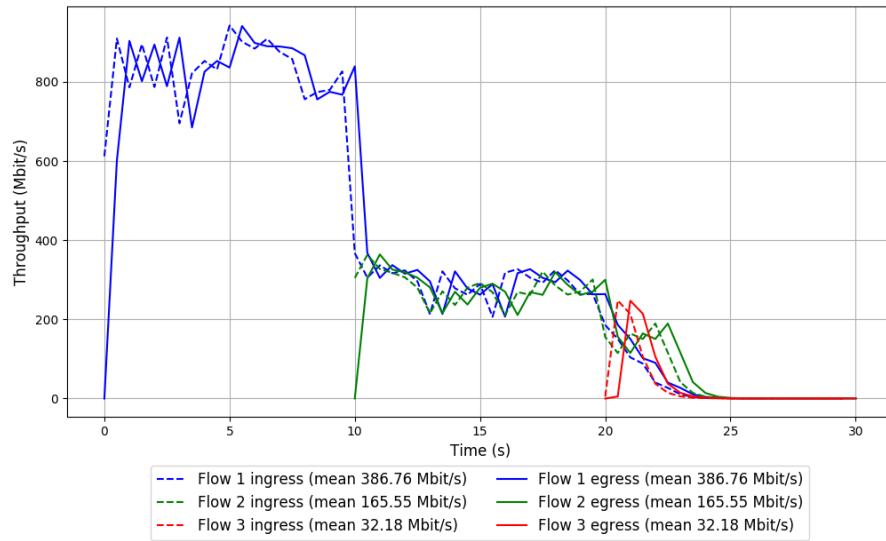


Run 3: Statistics of FillP-Sheep

```
Start at: 2019-08-27 12:38:43
End at: 2019-08-27 12:39:13
Local clock offset: -0.356 ms
Remote clock offset: 1.417 ms

# Below is generated by plot.py at 2019-08-27 14:58:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 507.19 Mbit/s
95th percentile per-packet one-way delay: 9.072 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 386.76 Mbit/s
95th percentile per-packet one-way delay: 9.608 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 165.55 Mbit/s
95th percentile per-packet one-way delay: 3.459 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 32.18 Mbit/s
95th percentile per-packet one-way delay: 2.370 ms
Loss rate: 0.00%
```

Run 3: Report of FillP-Sheep — Data Link

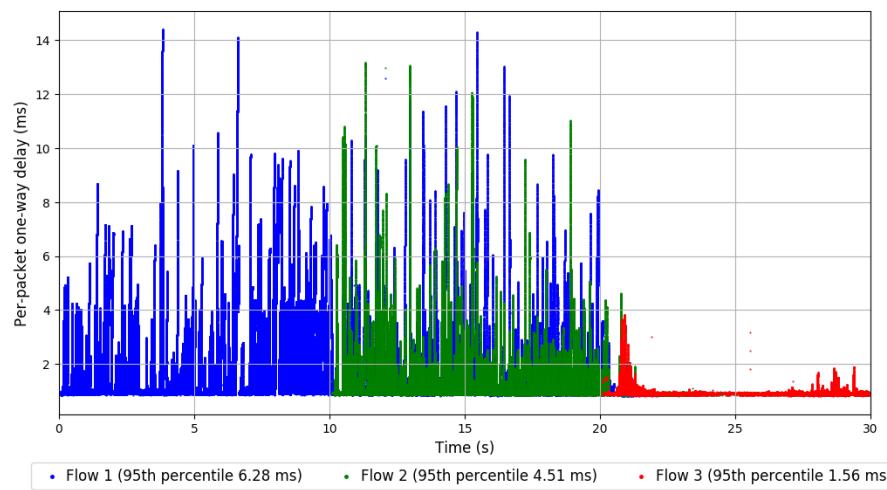
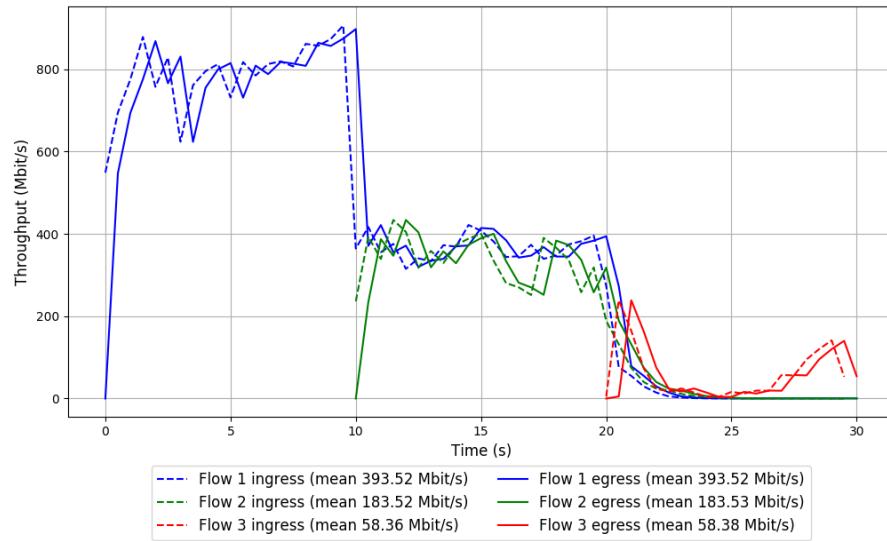


Run 4: Statistics of FillP-Sheep

```
Start at: 2019-08-27 13:12:55
End at: 2019-08-27 13:13:25
Local clock offset: -0.268 ms
Remote clock offset: -0.493 ms

# Below is generated by plot.py at 2019-08-27 14:58:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 534.57 Mbit/s
95th percentile per-packet one-way delay: 5.962 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 393.52 Mbit/s
95th percentile per-packet one-way delay: 6.283 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 183.53 Mbit/s
95th percentile per-packet one-way delay: 4.509 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 58.38 Mbit/s
95th percentile per-packet one-way delay: 1.556 ms
Loss rate: 0.00%
```

Run 4: Report of FillP-Sheep — Data Link

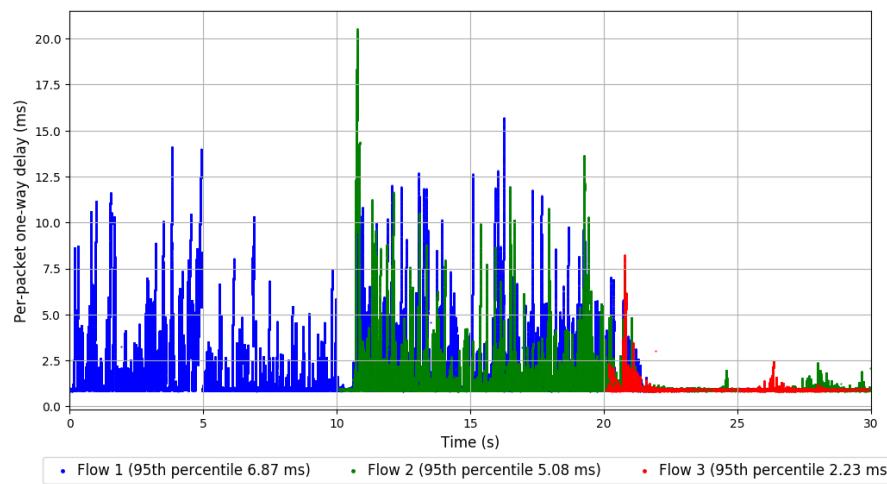
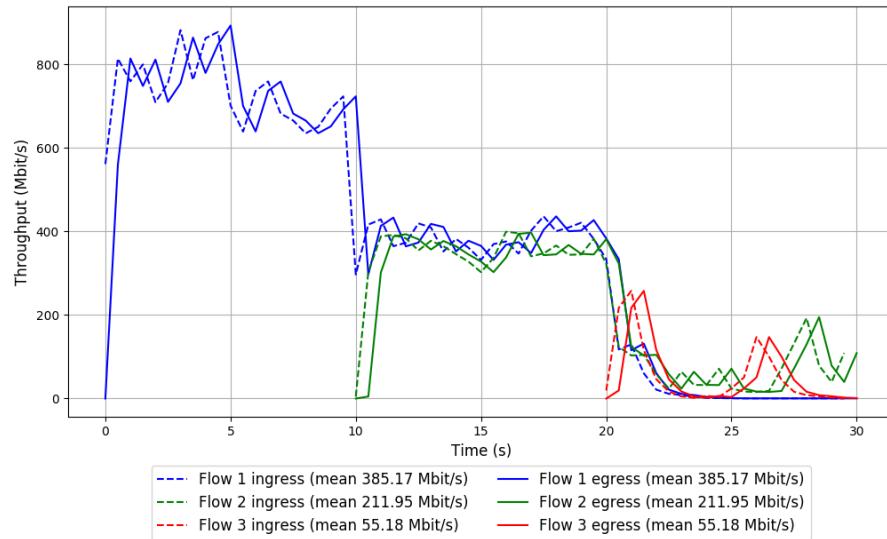


Run 5: Statistics of FillP-Sheep

```
Start at: 2019-08-27 13:47:13
End at: 2019-08-27 13:47:43
Local clock offset: -0.185 ms
Remote clock offset: -1.223 ms

# Below is generated by plot.py at 2019-08-27 15:00:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 543.99 Mbit/s
95th percentile per-packet one-way delay: 6.332 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 385.17 Mbit/s
95th percentile per-packet one-way delay: 6.872 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 211.95 Mbit/s
95th percentile per-packet one-way delay: 5.080 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 55.18 Mbit/s
95th percentile per-packet one-way delay: 2.231 ms
Loss rate: 0.00%
```

Run 5: Report of FillP-Sheep — Data Link

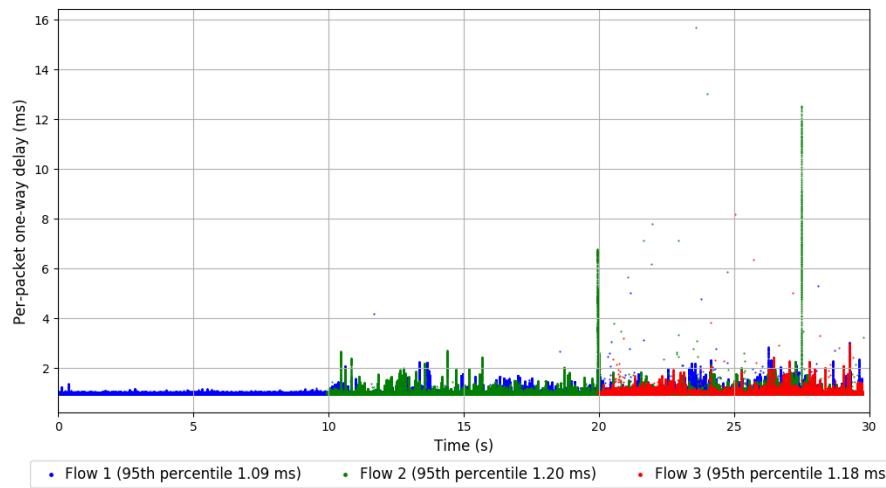
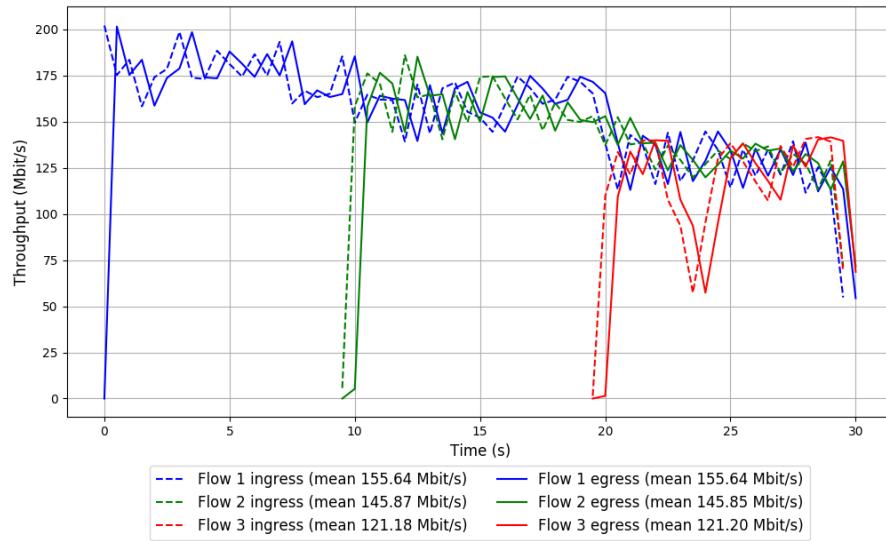


Run 1: Statistics of Indigo

```
Start at: 2019-08-27 11:56:04
End at: 2019-08-27 11:56:34
Local clock offset: -0.226 ms
Remote clock offset: 0.151 ms

# Below is generated by plot.py at 2019-08-27 15:00:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 292.70 Mbit/s
95th percentile per-packet one-way delay: 1.146 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 155.64 Mbit/s
95th percentile per-packet one-way delay: 1.095 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 145.85 Mbit/s
95th percentile per-packet one-way delay: 1.200 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 121.20 Mbit/s
95th percentile per-packet one-way delay: 1.183 ms
Loss rate: 0.01%
```

## Run 1: Report of Indigo — Data Link

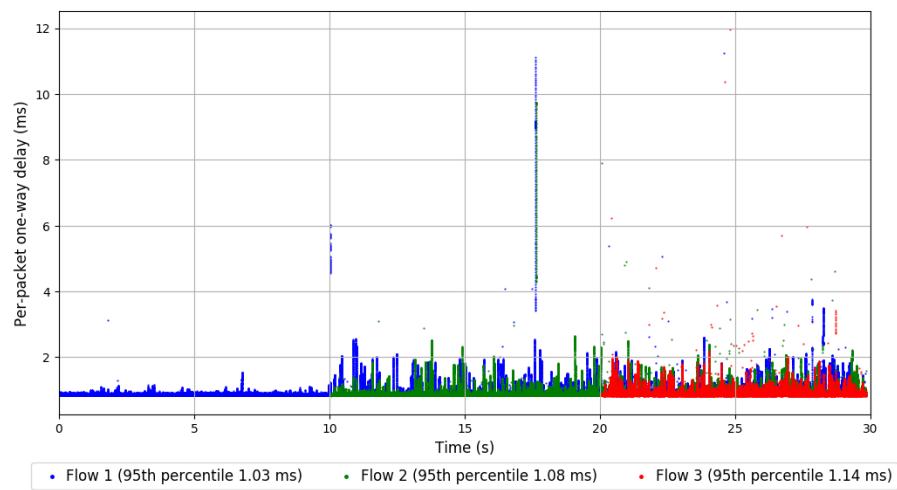
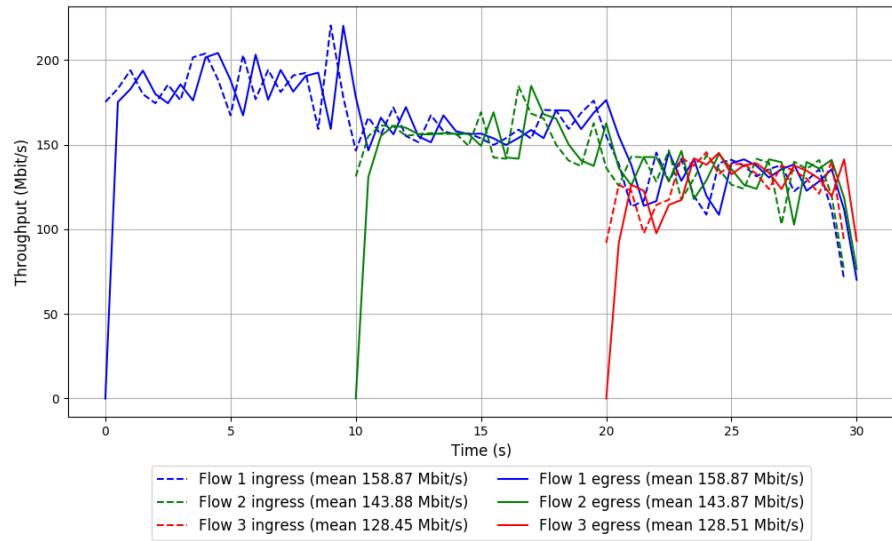


Run 2: Statistics of Indigo

```
Start at: 2019-08-27 12:30:11
End at: 2019-08-27 12:30:41
Local clock offset: -0.377 ms
Remote clock offset: 2.636 ms

# Below is generated by plot.py at 2019-08-27 15:00:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 296.43 Mbit/s
95th percentile per-packet one-way delay: 1.070 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 158.87 Mbit/s
95th percentile per-packet one-way delay: 1.032 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 143.87 Mbit/s
95th percentile per-packet one-way delay: 1.076 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 128.51 Mbit/s
95th percentile per-packet one-way delay: 1.136 ms
Loss rate: 0.00%
```

## Run 2: Report of Indigo — Data Link

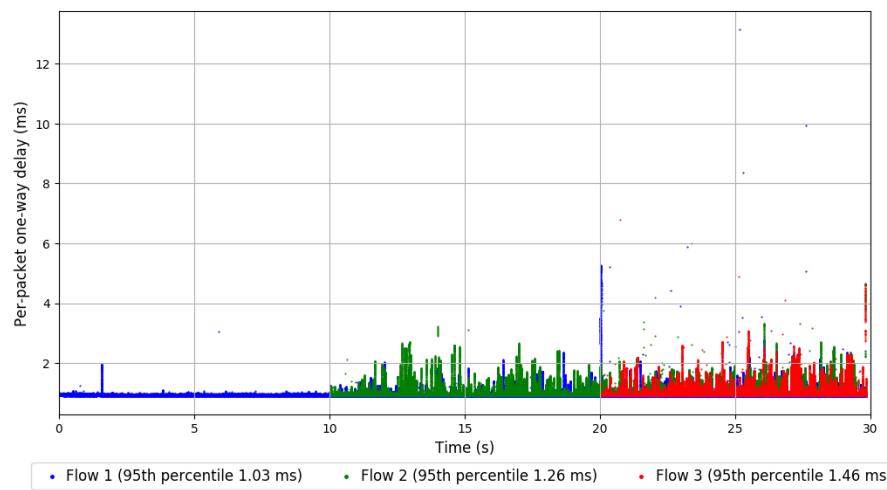
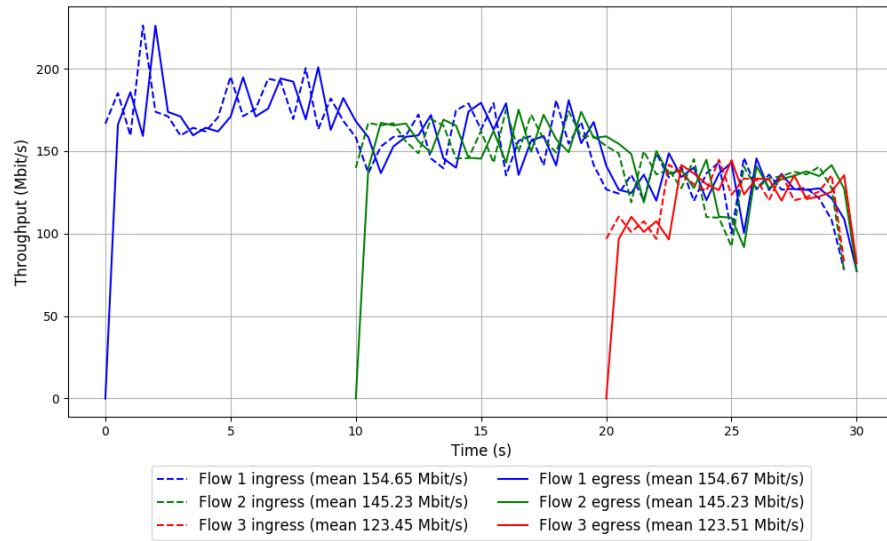


Run 3: Statistics of Indigo

```
Start at: 2019-08-27 13:04:27
End at: 2019-08-27 13:04:57
Local clock offset: -0.281 ms
Remote clock offset: 1.075 ms

# Below is generated by plot.py at 2019-08-27 15:00:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 291.69 Mbit/s
95th percentile per-packet one-way delay: 1.173 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 154.67 Mbit/s
95th percentile per-packet one-way delay: 1.028 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 145.23 Mbit/s
95th percentile per-packet one-way delay: 1.257 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 123.51 Mbit/s
95th percentile per-packet one-way delay: 1.461 ms
Loss rate: 0.02%
```

Run 3: Report of Indigo — Data Link

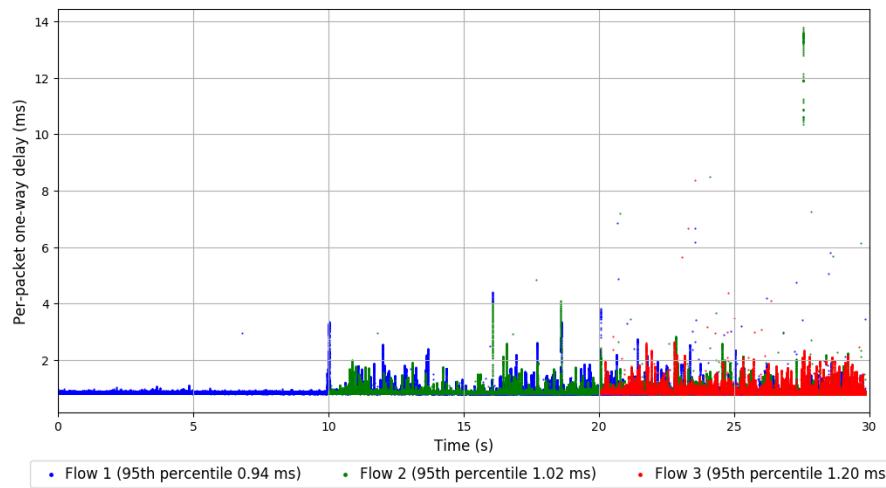
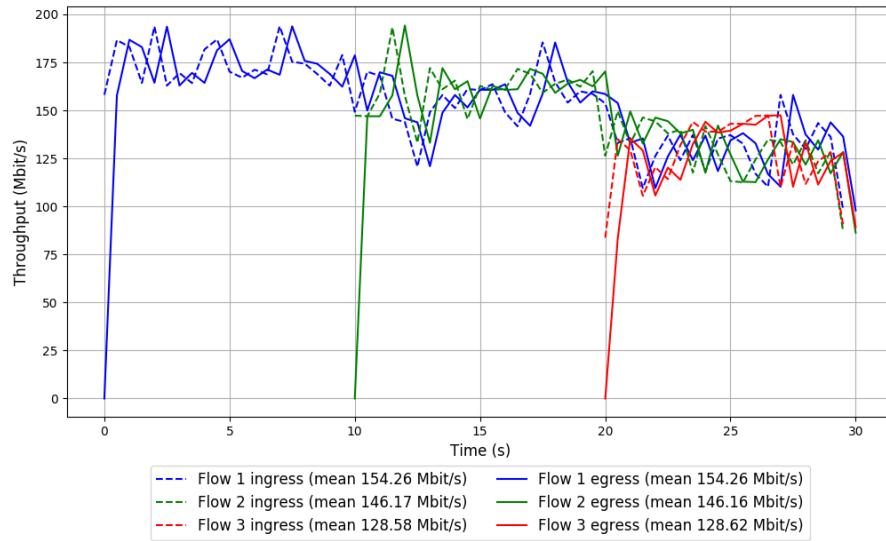


Run 4: Statistics of Indigo

```
Start at: 2019-08-27 13:38:45
End at: 2019-08-27 13:39:15
Local clock offset: -0.21 ms
Remote clock offset: -1.755 ms

# Below is generated by plot.py at 2019-08-27 15:00:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 293.62 Mbit/s
95th percentile per-packet one-way delay: 1.014 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 154.26 Mbit/s
95th percentile per-packet one-way delay: 0.940 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 146.16 Mbit/s
95th percentile per-packet one-way delay: 1.022 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 128.62 Mbit/s
95th percentile per-packet one-way delay: 1.198 ms
Loss rate: 0.05%
```

Run 4: Report of Indigo — Data Link

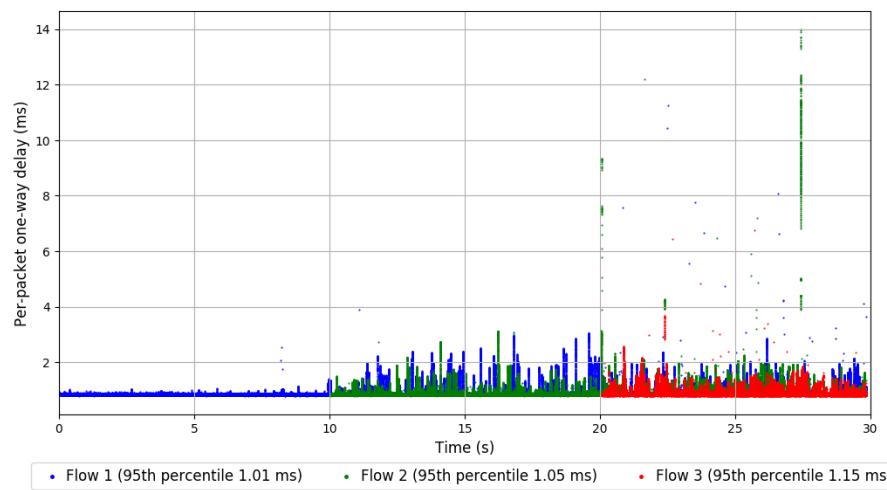
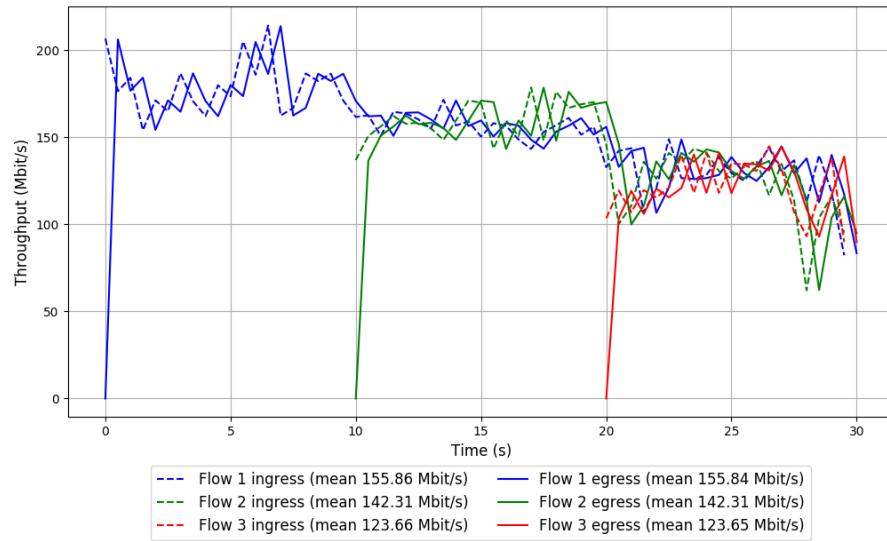


Run 5: Statistics of Indigo

```
Start at: 2019-08-27 14:12:59
End at: 2019-08-27 14:13:29
Local clock offset: -0.01 ms
Remote clock offset: -1.235 ms

# Below is generated by plot.py at 2019-08-27 15:00:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 290.95 Mbit/s
95th percentile per-packet one-way delay: 1.052 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 155.84 Mbit/s
95th percentile per-packet one-way delay: 1.008 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 142.31 Mbit/s
95th percentile per-packet one-way delay: 1.048 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 123.65 Mbit/s
95th percentile per-packet one-way delay: 1.146 ms
Loss rate: 0.00%
```

Run 5: Report of Indigo — Data Link

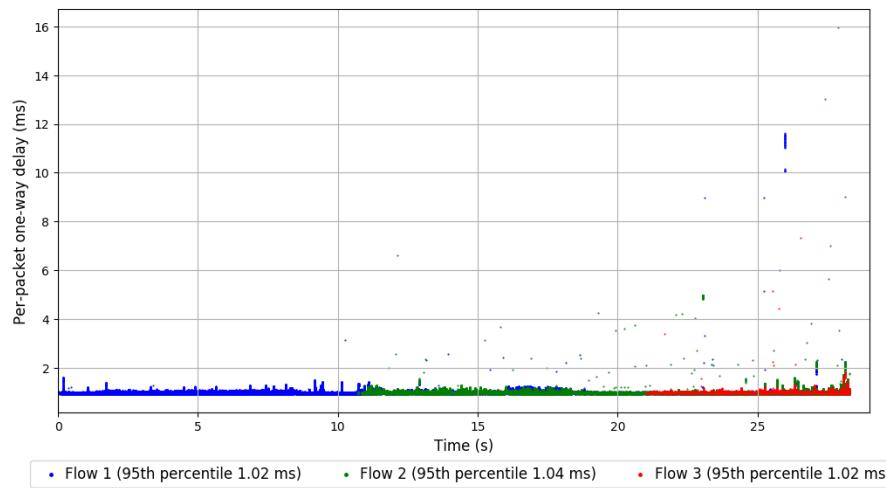
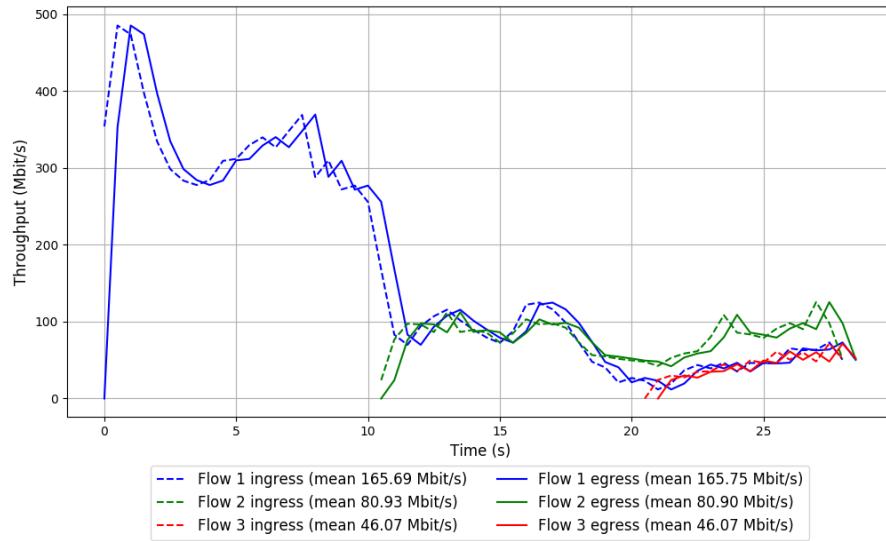


Run 1: Statistics of Indigo-MusesC3

```
Start at: 2019-08-27 11:27:27
End at: 2019-08-27 11:27:57
Local clock offset: -0.384 ms
Remote clock offset: -0.173 ms

# Below is generated by plot.py at 2019-08-27 15:00:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 227.80 Mbit/s
95th percentile per-packet one-way delay: 1.024 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 165.75 Mbit/s
95th percentile per-packet one-way delay: 1.021 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 80.90 Mbit/s
95th percentile per-packet one-way delay: 1.040 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 46.07 Mbit/s
95th percentile per-packet one-way delay: 1.022 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo-MusesC3 — Data Link

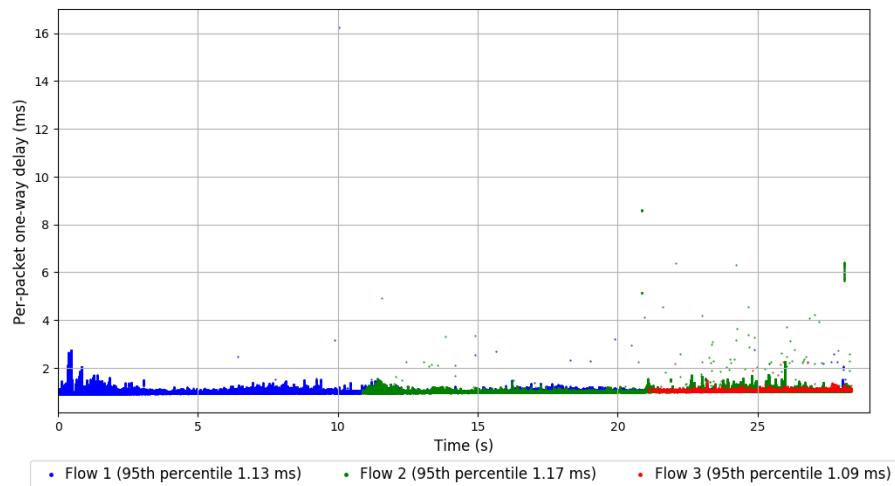
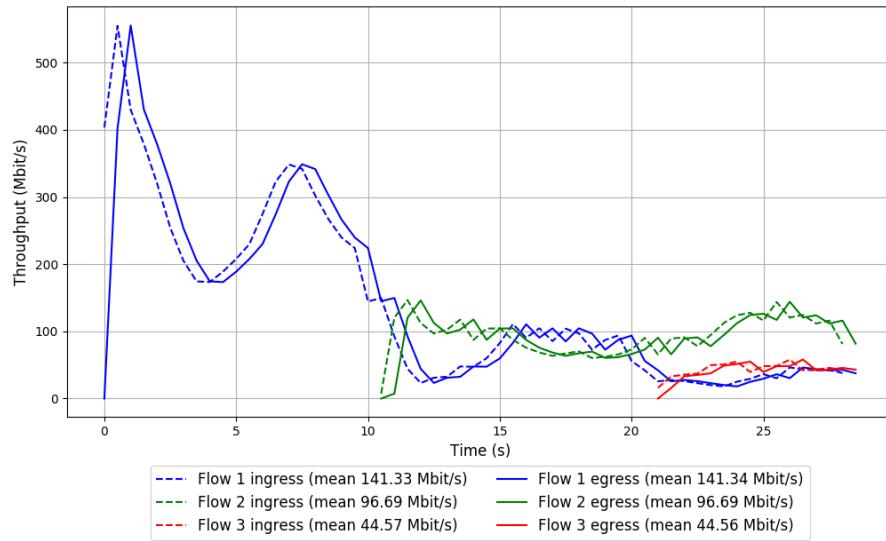


Run 2: Statistics of Indigo-MusesC3

```
Start at: 2019-08-27 12:01:41
End at: 2019-08-27 12:02:11
Local clock offset: -0.246 ms
Remote clock offset: 1.237 ms

# Below is generated by plot.py at 2019-08-27 15:00:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 212.31 Mbit/s
95th percentile per-packet one-way delay: 1.138 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 141.34 Mbit/s
95th percentile per-packet one-way delay: 1.127 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 96.69 Mbit/s
95th percentile per-packet one-way delay: 1.172 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 44.56 Mbit/s
95th percentile per-packet one-way delay: 1.094 ms
Loss rate: 0.03%
```

Run 2: Report of Indigo-MusesC3 — Data Link

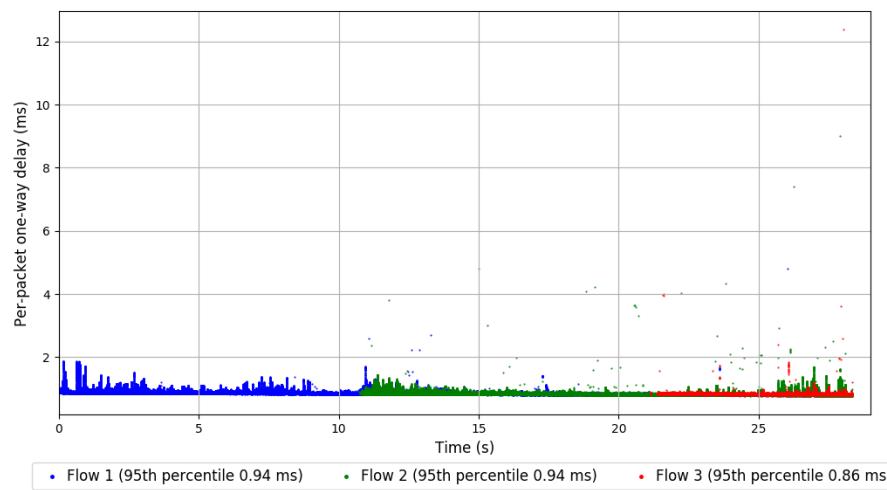
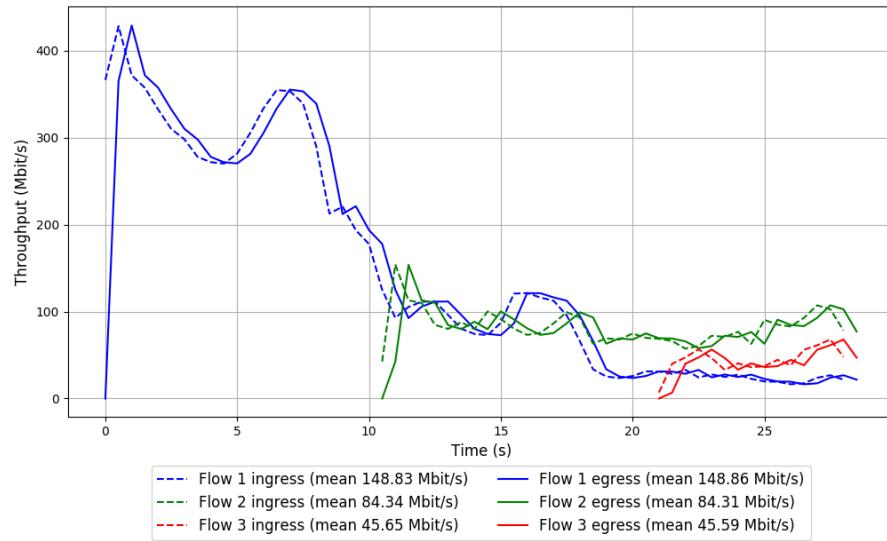


Run 3: Statistics of Indigo-MusesC3

```
Start at: 2019-08-27 12:35:53
End at: 2019-08-27 12:36:23
Local clock offset: -0.36 ms
Remote clock offset: 1.793 ms

# Below is generated by plot.py at 2019-08-27 15:00:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 212.82 Mbit/s
95th percentile per-packet one-way delay: 0.937 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 148.86 Mbit/s
95th percentile per-packet one-way delay: 0.940 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 84.31 Mbit/s
95th percentile per-packet one-way delay: 0.938 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 45.59 Mbit/s
95th percentile per-packet one-way delay: 0.859 ms
Loss rate: 0.15%
```

Run 3: Report of Indigo-MusesC3 — Data Link

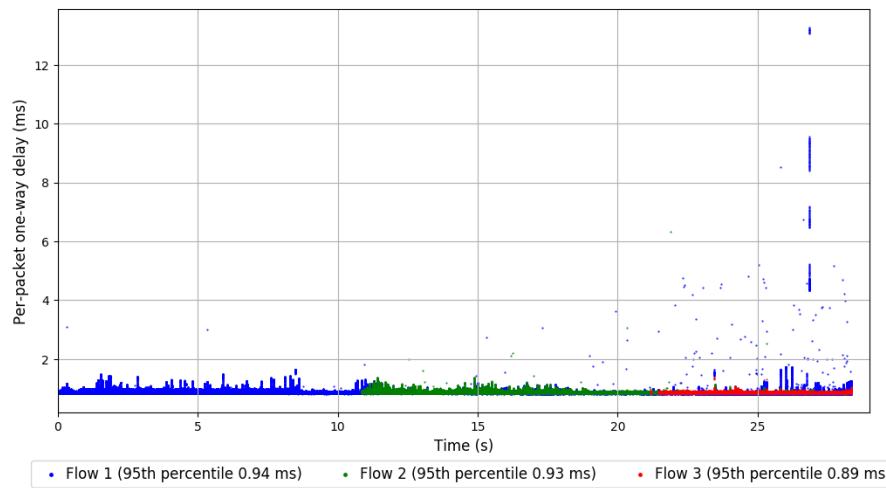
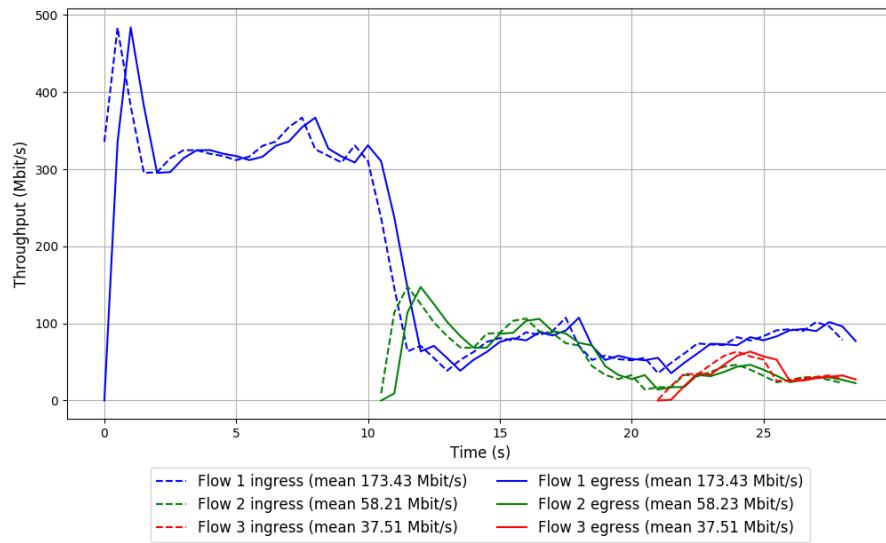


Run 4: Statistics of Indigo-MusesC3

```
Start at: 2019-08-27 13:10:04
End at: 2019-08-27 13:10:34
Local clock offset: -0.275 ms
Remote clock offset: -0.273 ms

# Below is generated by plot.py at 2019-08-27 15:01:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 218.86 Mbit/s
95th percentile per-packet one-way delay: 0.938 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 173.43 Mbit/s
95th percentile per-packet one-way delay: 0.941 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 58.23 Mbit/s
95th percentile per-packet one-way delay: 0.934 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 37.51 Mbit/s
95th percentile per-packet one-way delay: 0.885 ms
Loss rate: 0.00%
```

Run 4: Report of Indigo-MusesC3 — Data Link

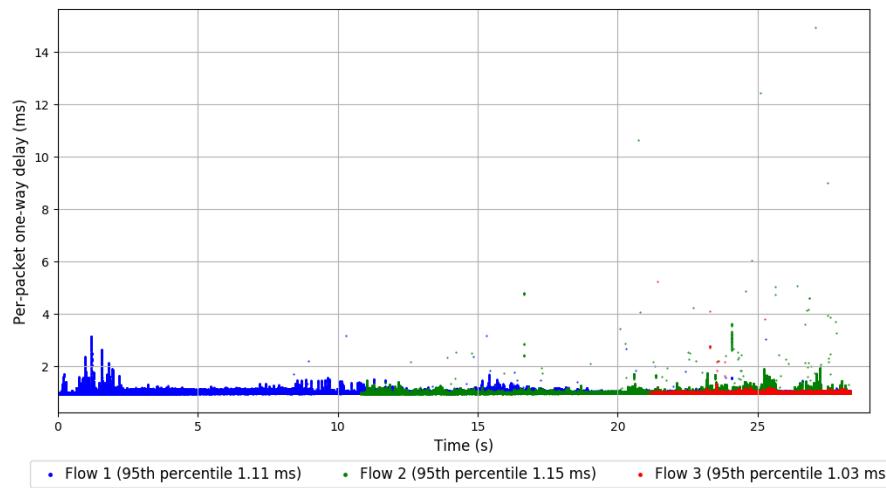
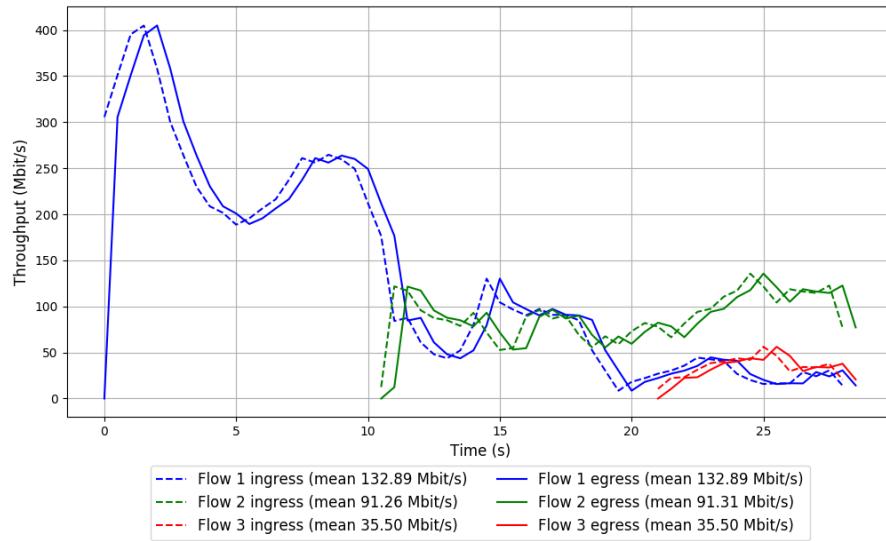


Run 5: Statistics of Indigo-MusesC3

```
Start at: 2019-08-27 13:44:25
End at: 2019-08-27 13:44:55
Local clock offset: -0.187 ms
Remote clock offset: -1.374 ms

# Below is generated by plot.py at 2019-08-27 15:01:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 198.28 Mbit/s
95th percentile per-packet one-way delay: 1.113 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 132.89 Mbit/s
95th percentile per-packet one-way delay: 1.109 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 91.31 Mbit/s
95th percentile per-packet one-way delay: 1.148 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 35.50 Mbit/s
95th percentile per-packet one-way delay: 1.033 ms
Loss rate: 0.00%
```

Run 5: Report of Indigo-MusesC3 — Data Link

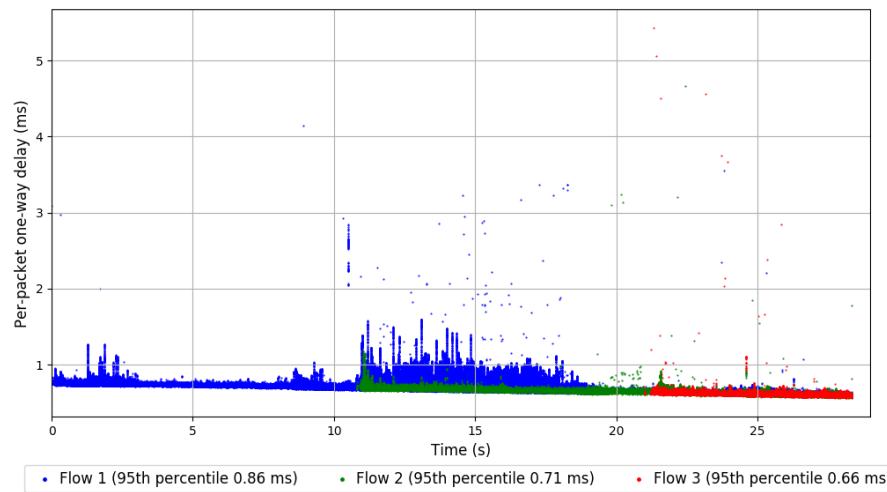
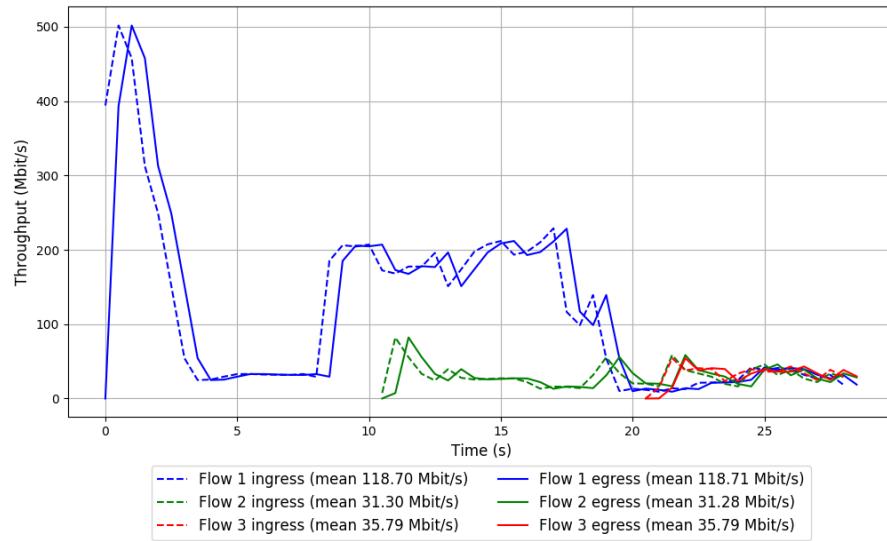


Run 1: Statistics of Indigo-MusesC5

```
Start at: 2019-08-27 11:26:08
End at: 2019-08-27 11:26:38
Local clock offset: -0.4 ms
Remote clock offset: 0.315 ms

# Below is generated by plot.py at 2019-08-27 15:01:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 147.34 Mbit/s
95th percentile per-packet one-way delay: 0.843 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 118.71 Mbit/s
95th percentile per-packet one-way delay: 0.865 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 31.28 Mbit/s
95th percentile per-packet one-way delay: 0.710 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 35.79 Mbit/s
95th percentile per-packet one-way delay: 0.655 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo-MusesC5 — Data Link

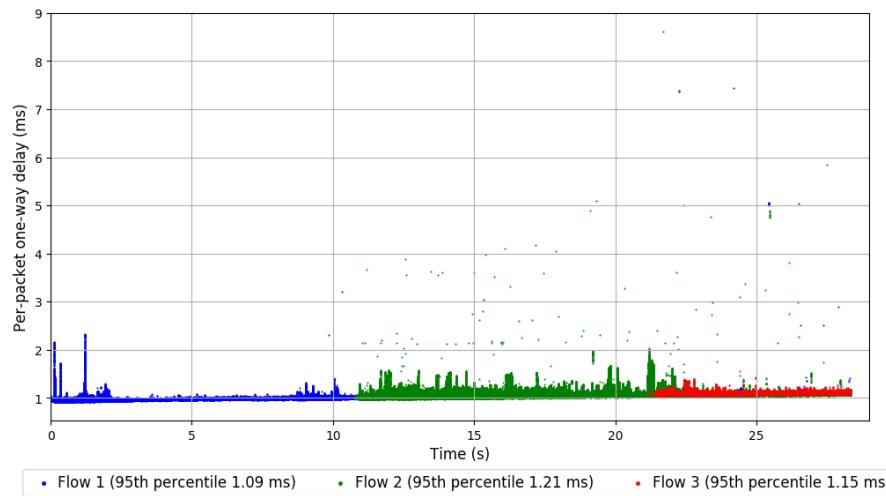
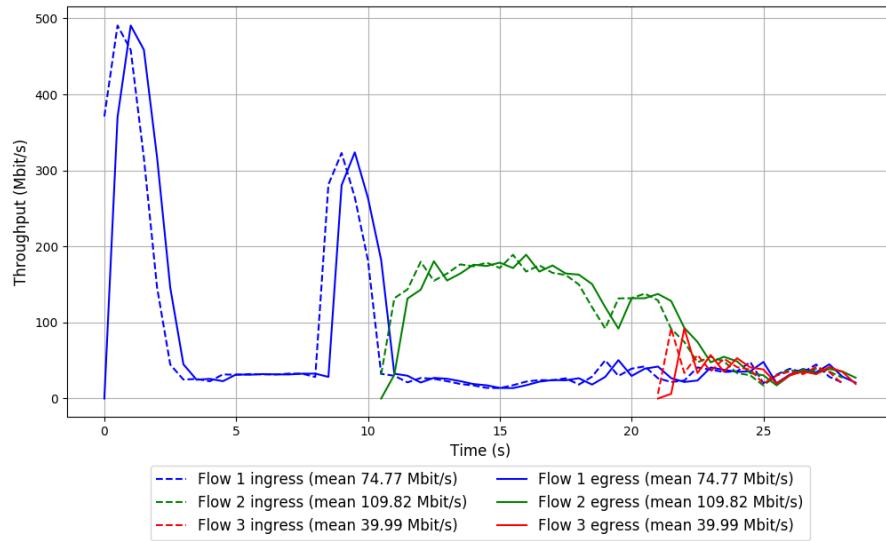


Run 2: Statistics of Indigo-MusesC5

```
Start at: 2019-08-27 12:00:22
End at: 2019-08-27 12:00:52
Local clock offset: -0.254 ms
Remote clock offset: 0.824 ms

# Below is generated by plot.py at 2019-08-27 15:01:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 152.91 Mbit/s
95th percentile per-packet one-way delay: 1.152 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 74.77 Mbit/s
95th percentile per-packet one-way delay: 1.086 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 109.82 Mbit/s
95th percentile per-packet one-way delay: 1.213 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 39.99 Mbit/s
95th percentile per-packet one-way delay: 1.151 ms
Loss rate: 0.00%
```

## Run 2: Report of Indigo-MusesC5 — Data Link

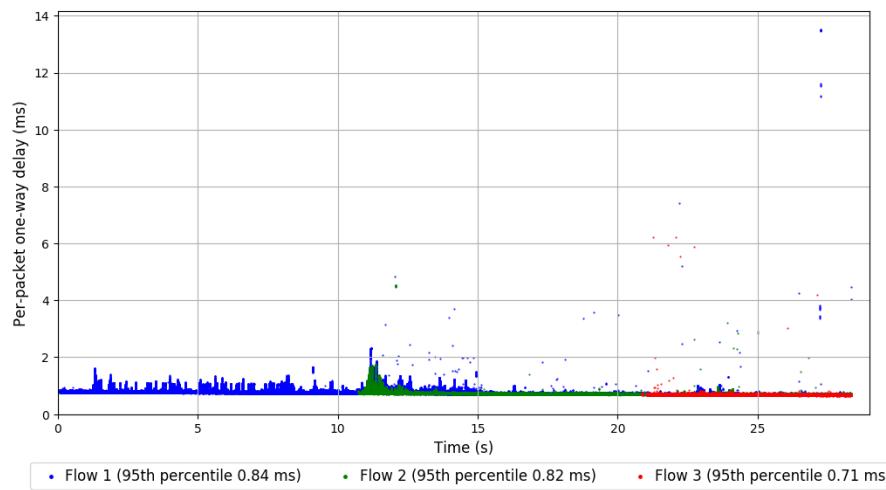
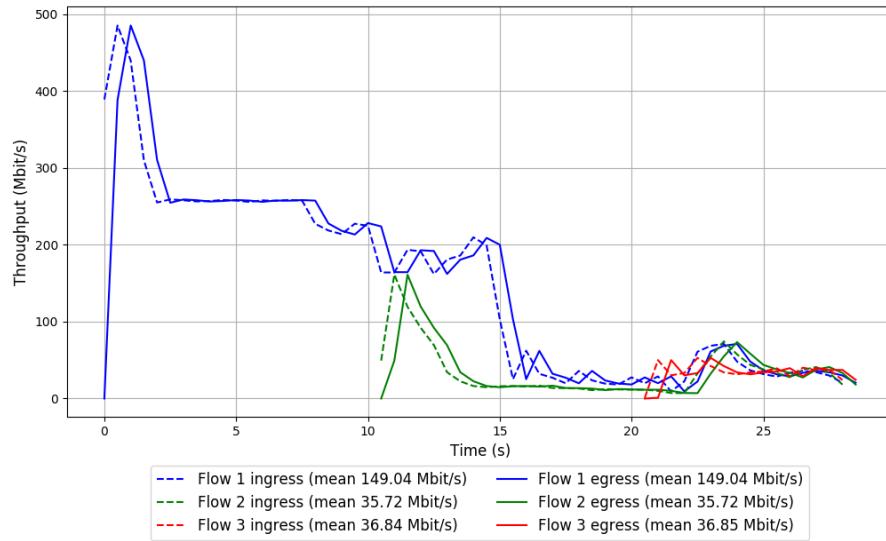


Run 3: Statistics of Indigo-MusesC5

```
Start at: 2019-08-27 12:34:33
End at: 2019-08-27 12:35:03
Local clock offset: -0.349 ms
Remote clock offset: 2.207 ms

# Below is generated by plot.py at 2019-08-27 15:01:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 180.95 Mbit/s
95th percentile per-packet one-way delay: 0.835 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 149.04 Mbit/s
95th percentile per-packet one-way delay: 0.842 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 35.72 Mbit/s
95th percentile per-packet one-way delay: 0.816 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 36.85 Mbit/s
95th percentile per-packet one-way delay: 0.712 ms
Loss rate: 0.00%
```

### Run 3: Report of Indigo-MusesC5 — Data Link

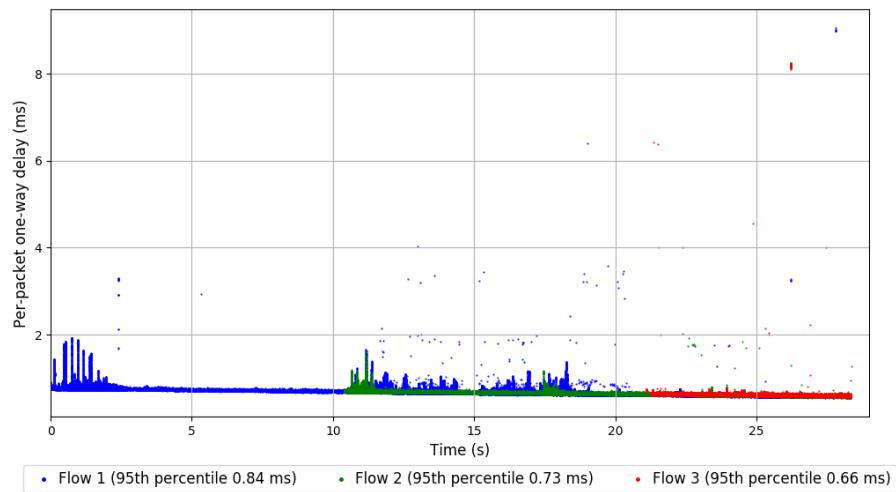
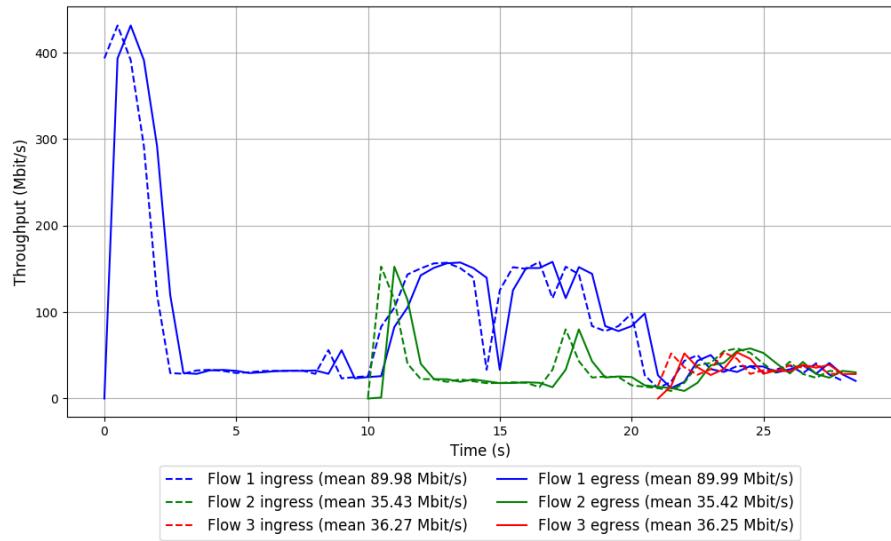


Run 4: Statistics of Indigo-MusesC5

```
Start at: 2019-08-27 13:08:46
End at: 2019-08-27 13:09:16
Local clock offset: -0.277 ms
Remote clock offset: 0.255 ms

# Below is generated by plot.py at 2019-08-27 15:01:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 121.68 Mbit/s
95th percentile per-packet one-way delay: 0.826 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 89.99 Mbit/s
95th percentile per-packet one-way delay: 0.841 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 35.42 Mbit/s
95th percentile per-packet one-way delay: 0.729 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 36.25 Mbit/s
95th percentile per-packet one-way delay: 0.660 ms
Loss rate: 0.06%
```

Run 4: Report of Indigo-MusesC5 — Data Link

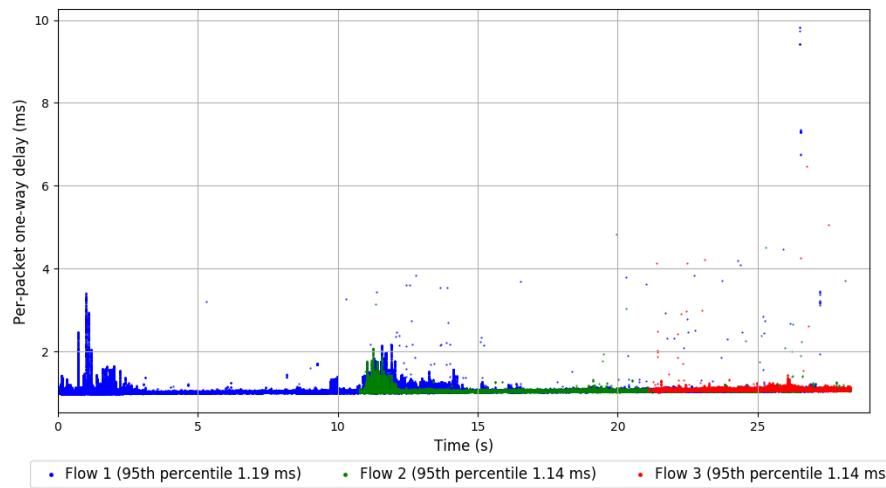
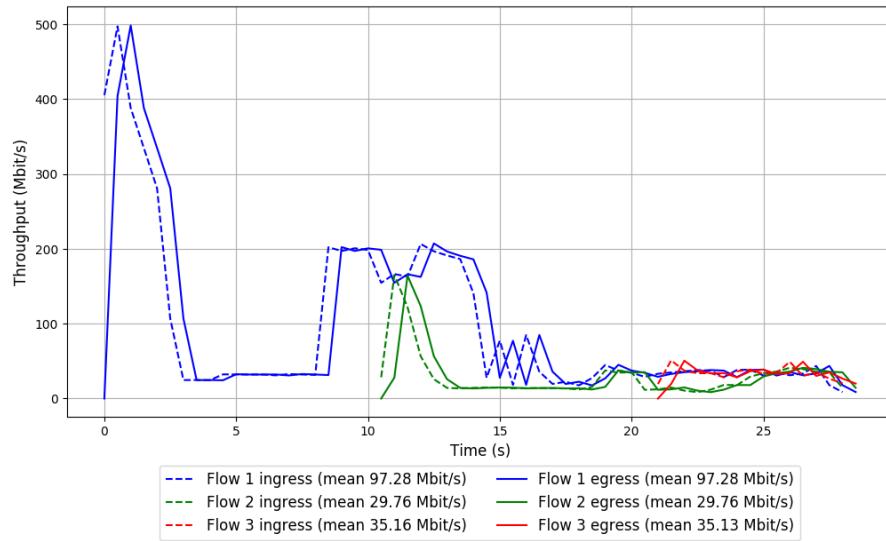


Run 5: Statistics of Indigo-MusesC5

```
Start at: 2019-08-27 13:43:07
End at: 2019-08-27 13:43:37
Local clock offset: -0.184 ms
Remote clock offset: -1.608 ms

# Below is generated by plot.py at 2019-08-27 15:02:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 124.64 Mbit/s
95th percentile per-packet one-way delay: 1.176 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.28 Mbit/s
95th percentile per-packet one-way delay: 1.190 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 29.76 Mbit/s
95th percentile per-packet one-way delay: 1.140 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 35.13 Mbit/s
95th percentile per-packet one-way delay: 1.139 ms
Loss rate: 0.11%
```

Run 5: Report of Indigo-MusesC5 — Data Link

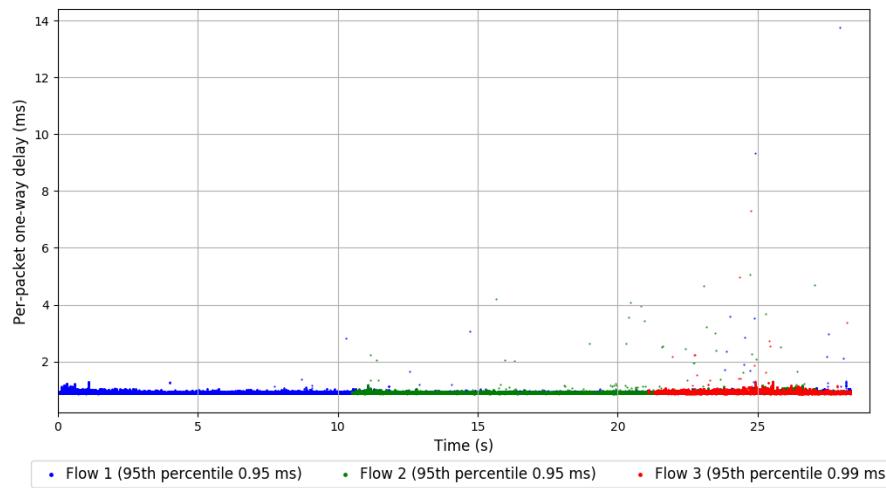
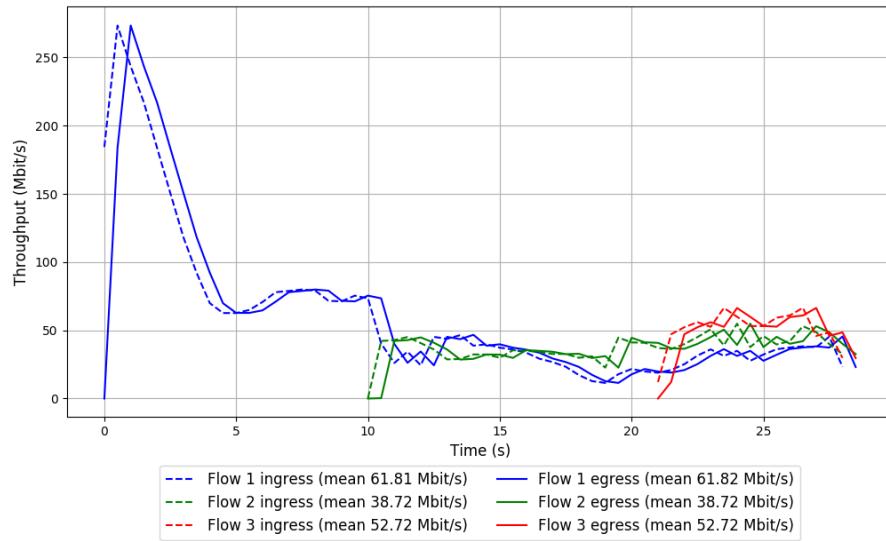


Run 1: Statistics of Indigo-MusesD

```
Start at: 2019-08-27 11:41:30
End at: 2019-08-27 11:42:00
Local clock offset: -0.328 ms
Remote clock offset: -0.013 ms

# Below is generated by plot.py at 2019-08-27 15:02:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 99.65 Mbit/s
95th percentile per-packet one-way delay: 0.959 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 61.82 Mbit/s
95th percentile per-packet one-way delay: 0.953 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.72 Mbit/s
95th percentile per-packet one-way delay: 0.948 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 52.72 Mbit/s
95th percentile per-packet one-way delay: 0.987 ms
Loss rate: 0.02%
```

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

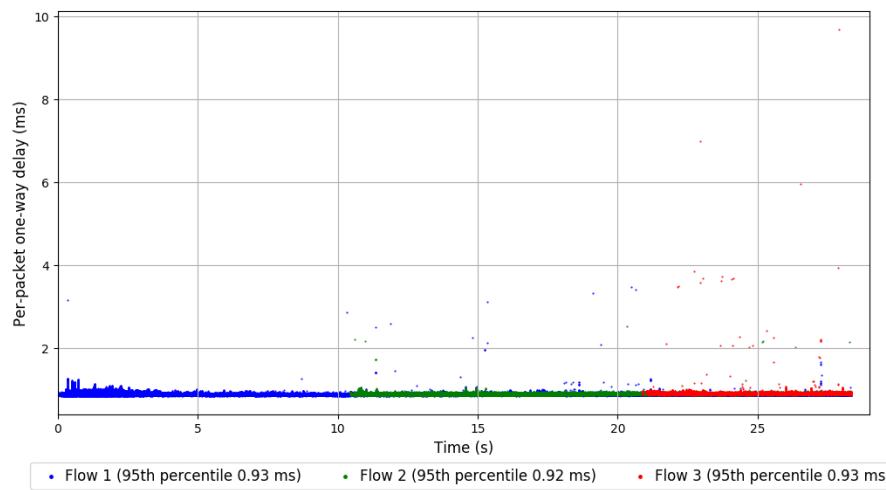
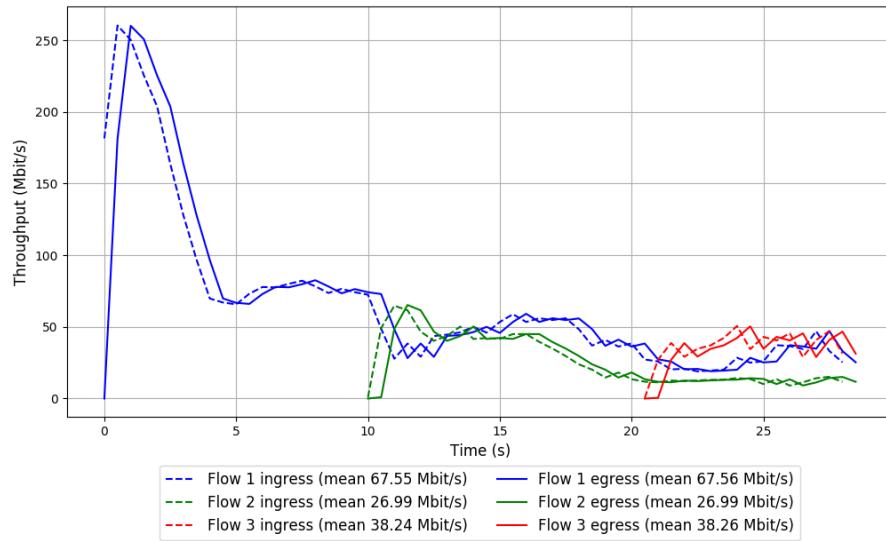


Run 2: Statistics of Indigo-MusesD

```
Start at: 2019-08-27 12:15:43
End at: 2019-08-27 12:16:13
Local clock offset: -0.348 ms
Remote clock offset: 2.476 ms

# Below is generated by plot.py at 2019-08-27 15:02:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.67 Mbit/s
95th percentile per-packet one-way delay: 0.924 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 67.56 Mbit/s
95th percentile per-packet one-way delay: 0.925 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 26.99 Mbit/s
95th percentile per-packet one-way delay: 0.915 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 38.26 Mbit/s
95th percentile per-packet one-way delay: 0.931 ms
Loss rate: 0.08%
```

## Run 2: Report of Indigo-MusesD — Data Link

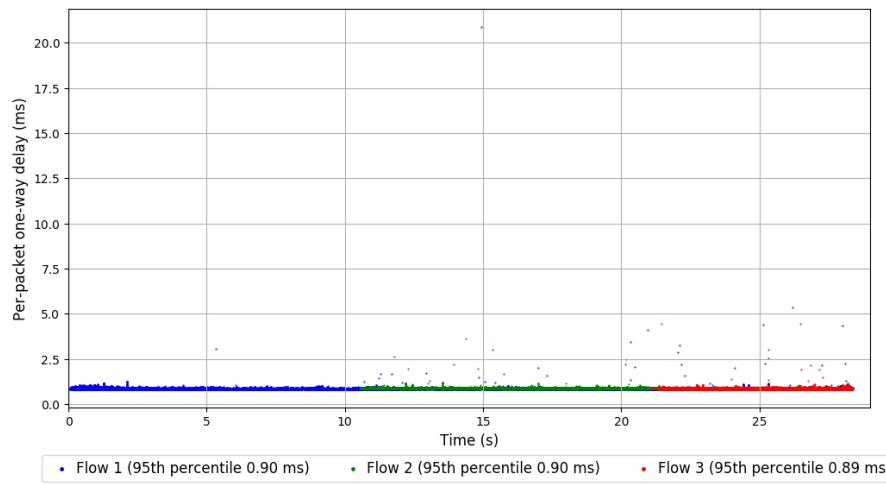
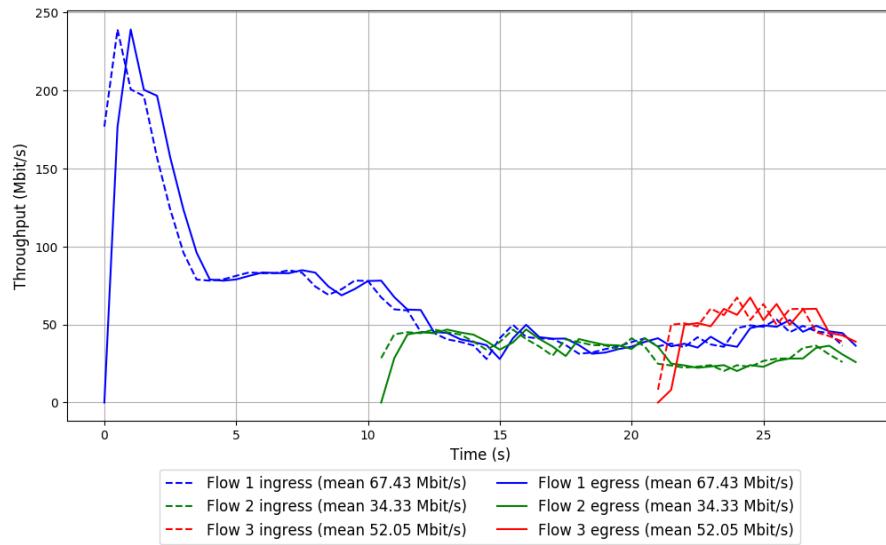


Run 3: Statistics of Indigo-MusesD

```
Start at: 2019-08-27 12:49:55
End at: 2019-08-27 12:50:25
Local clock offset: -0.34 ms
Remote clock offset: 1.348 ms

# Below is generated by plot.py at 2019-08-27 15:02:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 102.26 Mbit/s
95th percentile per-packet one-way delay: 0.896 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 67.43 Mbit/s
95th percentile per-packet one-way delay: 0.898 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 34.33 Mbit/s
95th percentile per-packet one-way delay: 0.895 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 52.05 Mbit/s
95th percentile per-packet one-way delay: 0.892 ms
Loss rate: 0.00%
```

### Run 3: Report of Indigo-MusesD — Data Link

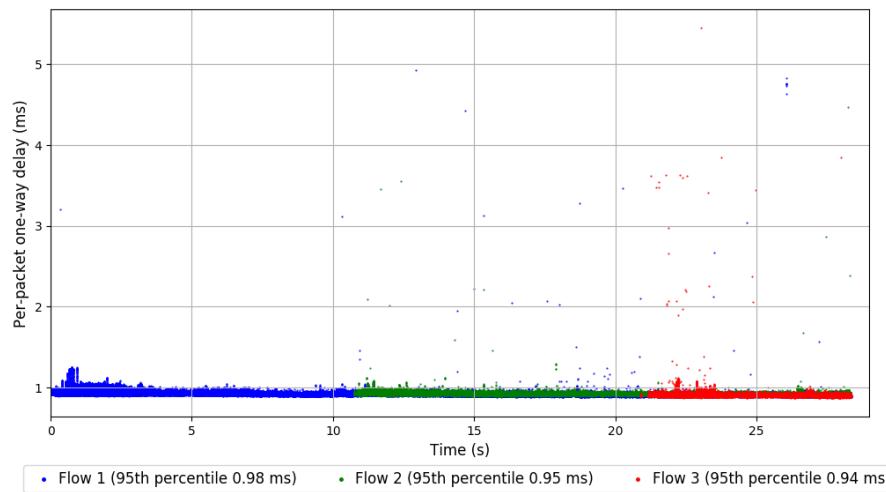
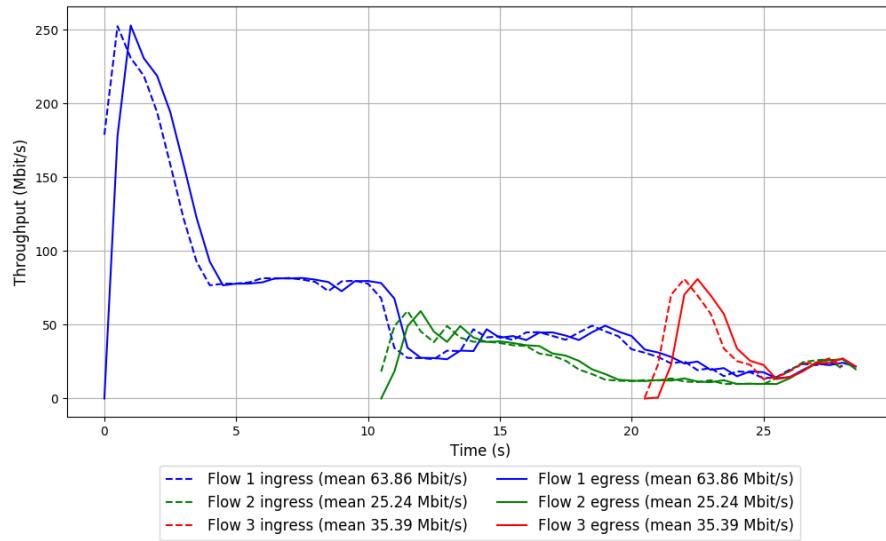


Run 4: Statistics of Indigo-MusesD

```
Start at: 2019-08-27 13:24:13
End at: 2019-08-27 13:24:43
Local clock offset: -0.233 ms
Remote clock offset: -1.137 ms

# Below is generated by plot.py at 2019-08-27 15:02:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.83 Mbit/s
95th percentile per-packet one-way delay: 0.973 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 63.86 Mbit/s
95th percentile per-packet one-way delay: 0.980 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 25.24 Mbit/s
95th percentile per-packet one-way delay: 0.951 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 35.39 Mbit/s
95th percentile per-packet one-way delay: 0.938 ms
Loss rate: 0.00%
```

## Run 4: Report of Indigo-MusesD — Data Link

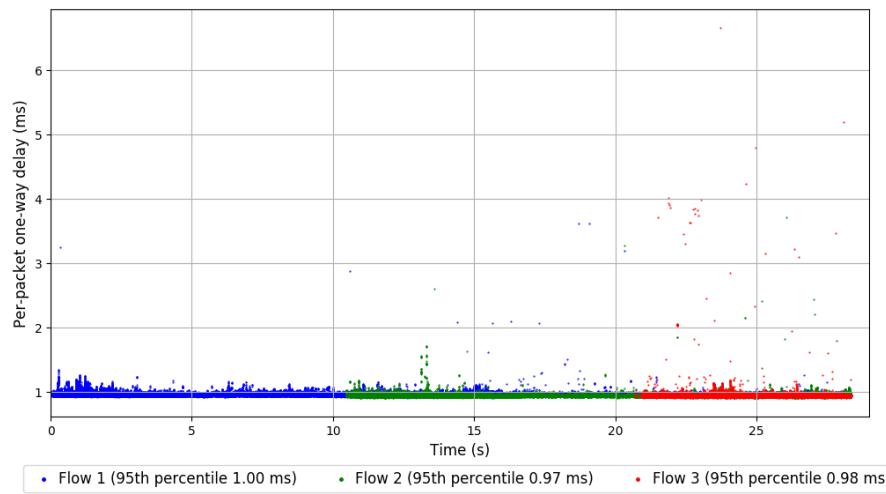
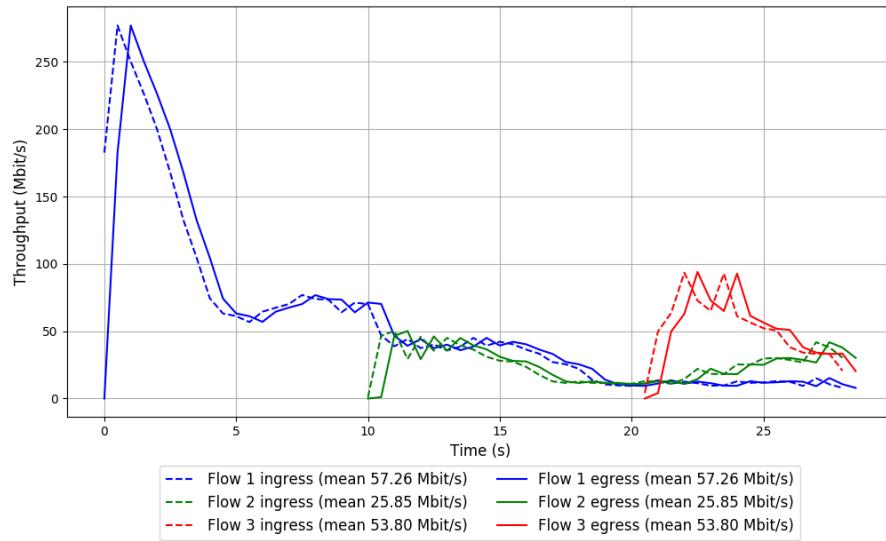


Run 5: Statistics of Indigo-MusesD

```
Start at: 2019-08-27 13:58:29
End at: 2019-08-27 13:58:59
Local clock offset: -0.093 ms
Remote clock offset: -1.266 ms

# Below is generated by plot.py at 2019-08-27 15:02:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.02 Mbit/s
95th percentile per-packet one-way delay: 0.991 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 57.26 Mbit/s
95th percentile per-packet one-way delay: 0.996 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 25.85 Mbit/s
95th percentile per-packet one-way delay: 0.975 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 53.80 Mbit/s
95th percentile per-packet one-way delay: 0.979 ms
Loss rate: 0.04%
```

## Run 5: Report of Indigo-MusesD — Data Link

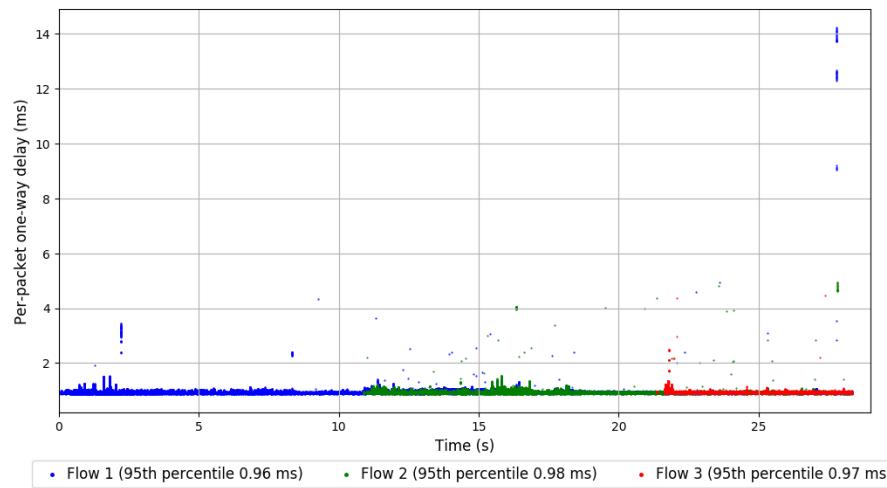
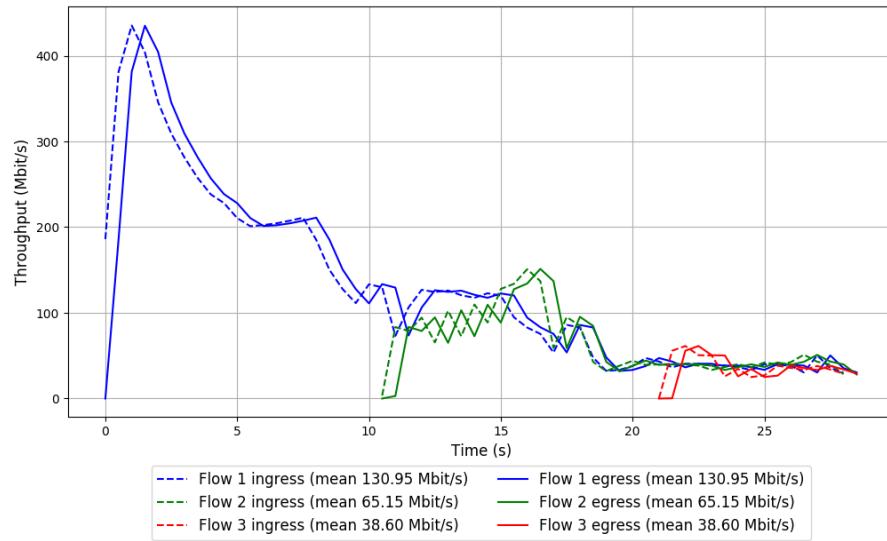


Run 1: Statistics of Indigo-MusesT

```
Start at: 2019-08-27 11:34:16
End at: 2019-08-27 11:34:46
Local clock offset: -0.354 ms
Remote clock offset: -0.096 ms

# Below is generated by plot.py at 2019-08-27 15:03:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 180.58 Mbit/s
95th percentile per-packet one-way delay: 0.966 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 130.95 Mbit/s
95th percentile per-packet one-way delay: 0.962 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 65.15 Mbit/s
95th percentile per-packet one-way delay: 0.979 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 38.60 Mbit/s
95th percentile per-packet one-way delay: 0.972 ms
Loss rate: 0.00%
```

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

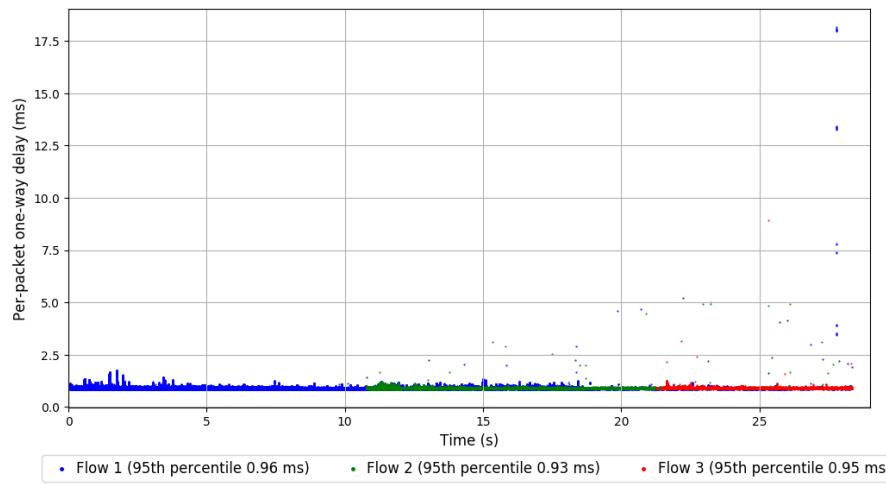
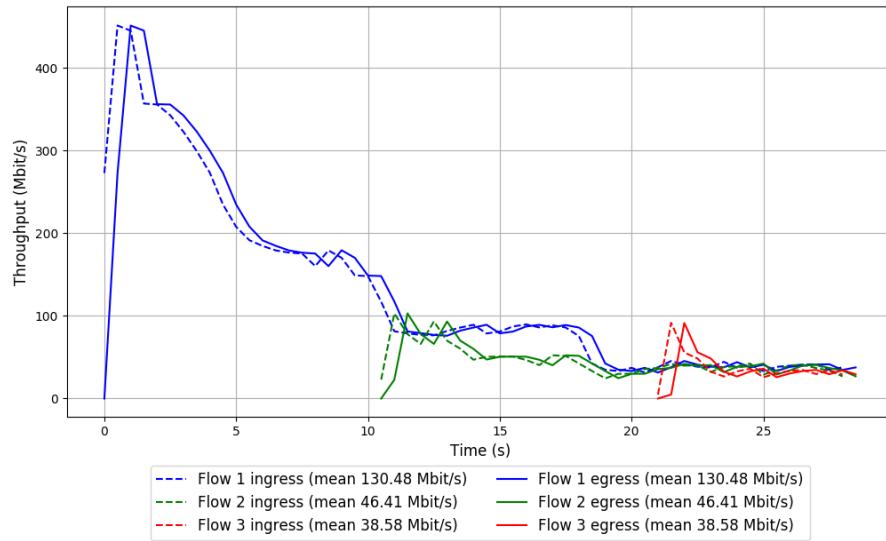


Run 2: Statistics of Indigo-MusesT

```
Start at: 2019-08-27 12:08:30
End at: 2019-08-27 12:09:00
Local clock offset: -0.293 ms
Remote clock offset: 2.312 ms

# Below is generated by plot.py at 2019-08-27 15:03:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 168.84 Mbit/s
95th percentile per-packet one-way delay: 0.958 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 130.48 Mbit/s
95th percentile per-packet one-way delay: 0.963 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 46.41 Mbit/s
95th percentile per-packet one-way delay: 0.926 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 38.58 Mbit/s
95th percentile per-packet one-way delay: 0.948 ms
Loss rate: 0.00%
```

## Run 2: Report of Indigo-MusesT — Data Link

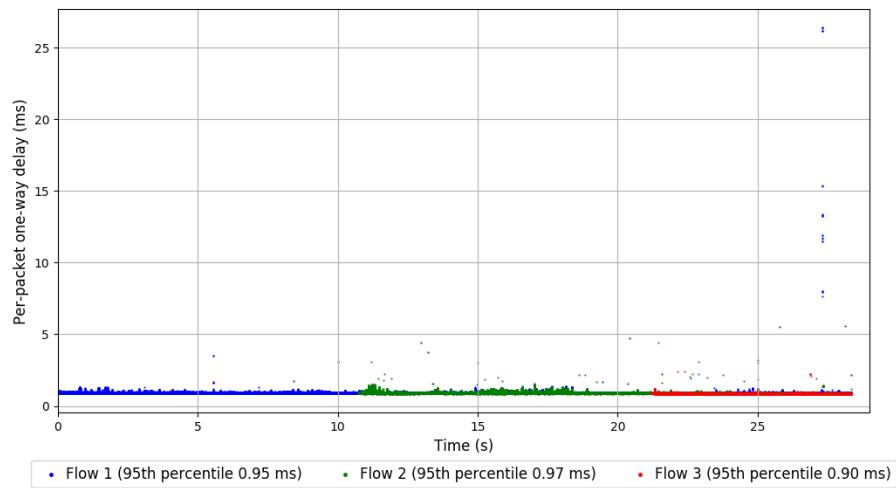
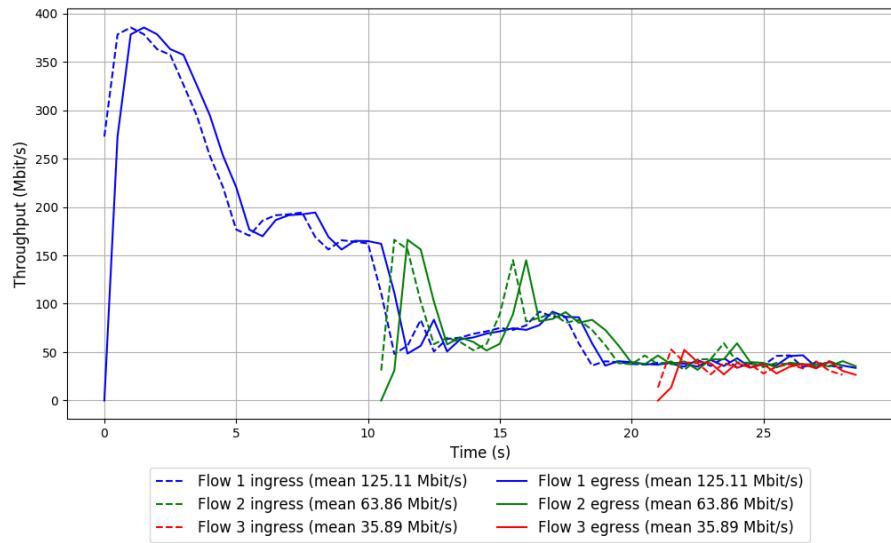


Run 3: Statistics of Indigo-MusesT

```
Start at: 2019-08-27 12:42:43
End at: 2019-08-27 12:43:13
Local clock offset: -0.374 ms
Remote clock offset: 1.376 ms

# Below is generated by plot.py at 2019-08-27 15:04:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 173.81 Mbit/s
95th percentile per-packet one-way delay: 0.950 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 125.11 Mbit/s
95th percentile per-packet one-way delay: 0.949 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 63.86 Mbit/s
95th percentile per-packet one-way delay: 0.969 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 35.89 Mbit/s
95th percentile per-packet one-way delay: 0.902 ms
Loss rate: 0.03%
```

### Run 3: Report of Indigo-MusesT — Data Link

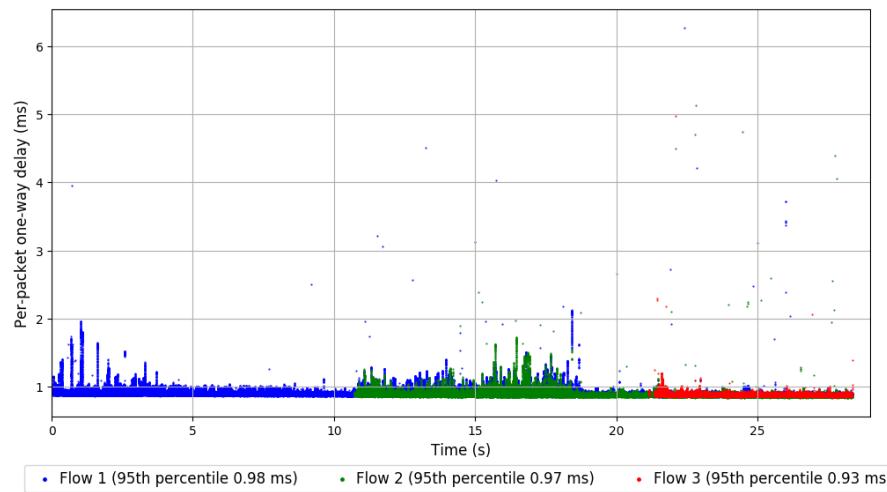
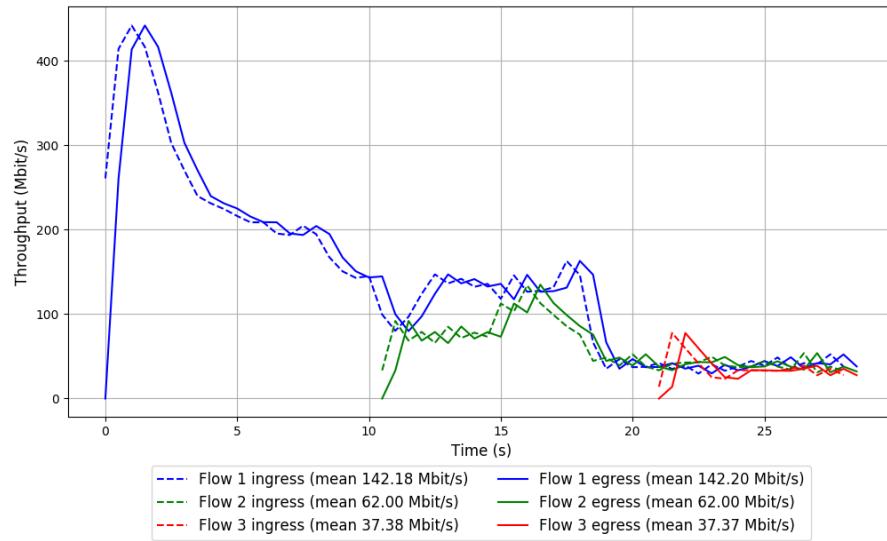


Run 4: Statistics of Indigo-MusesT

```
Start at: 2019-08-27 13:16:55
End at: 2019-08-27 13:17:25
Local clock offset: -0.283 ms
Remote clock offset: -0.73 ms

# Below is generated by plot.py at 2019-08-27 15:04:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 190.25 Mbit/s
95th percentile per-packet one-way delay: 0.977 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 142.20 Mbit/s
95th percentile per-packet one-way delay: 0.980 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 62.00 Mbit/s
95th percentile per-packet one-way delay: 0.972 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 37.37 Mbit/s
95th percentile per-packet one-way delay: 0.931 ms
Loss rate: 0.06%
```

Run 4: Report of Indigo-MusesT — Data Link

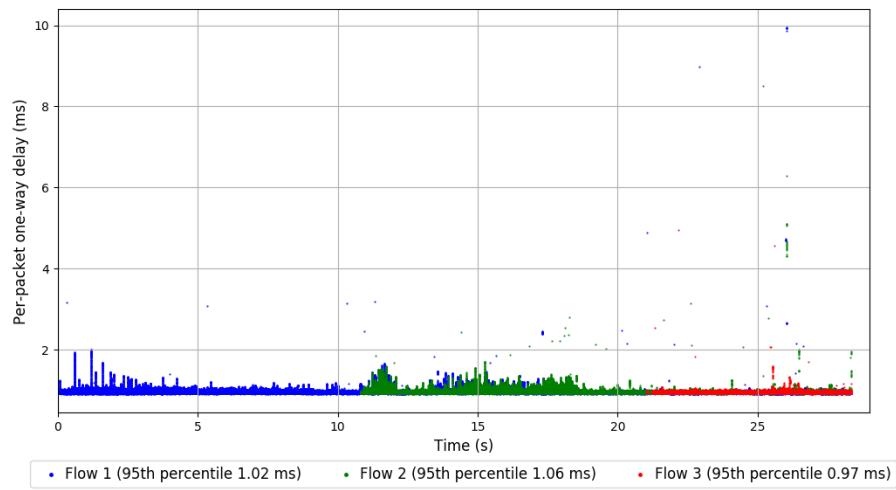
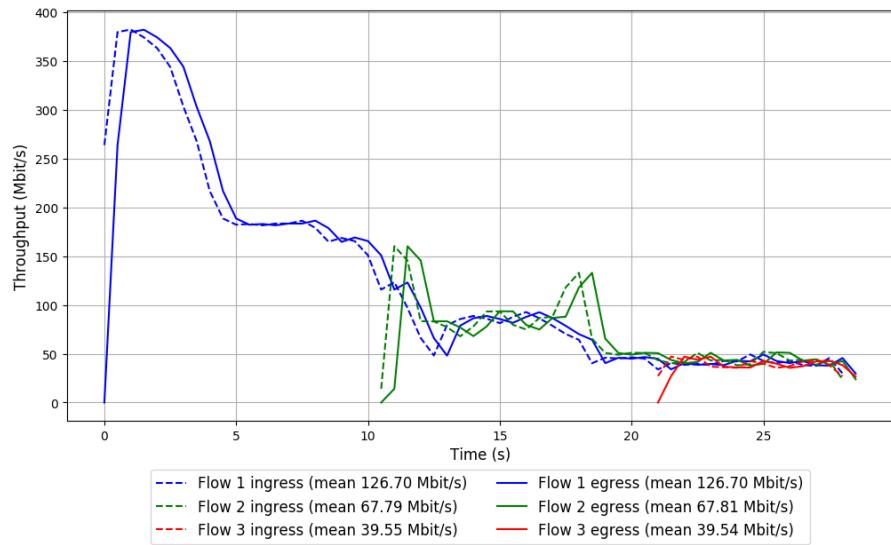


Run 5: Statistics of Indigo-MusesT

```
Start at: 2019-08-27 13:51:13
End at: 2019-08-27 13:51:43
Local clock offset: -0.144 ms
Remote clock offset: -1.237 ms

# Below is generated by plot.py at 2019-08-27 15:04:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 178.82 Mbit/s
95th percentile per-packet one-way delay: 1.029 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 126.70 Mbit/s
95th percentile per-packet one-way delay: 1.025 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 67.81 Mbit/s
95th percentile per-packet one-way delay: 1.061 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 39.54 Mbit/s
95th percentile per-packet one-way delay: 0.975 ms
Loss rate: 0.04%
```

## Run 5: Report of Indigo-MusesT — Data Link

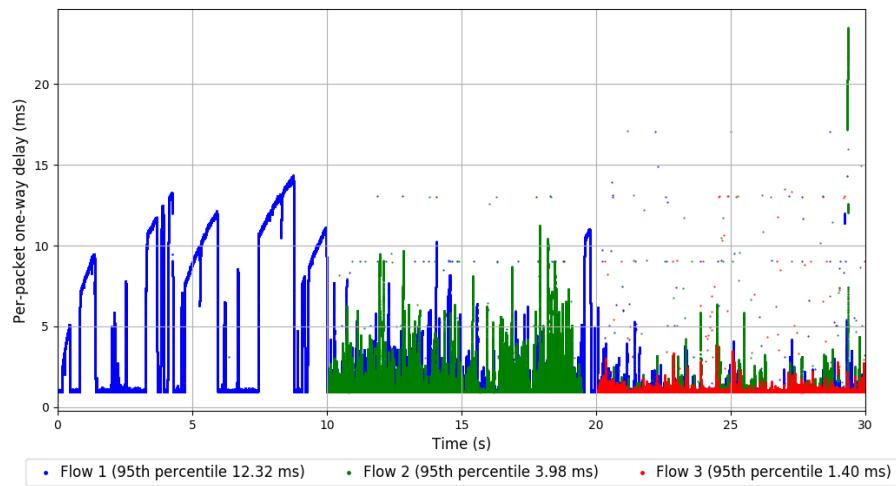
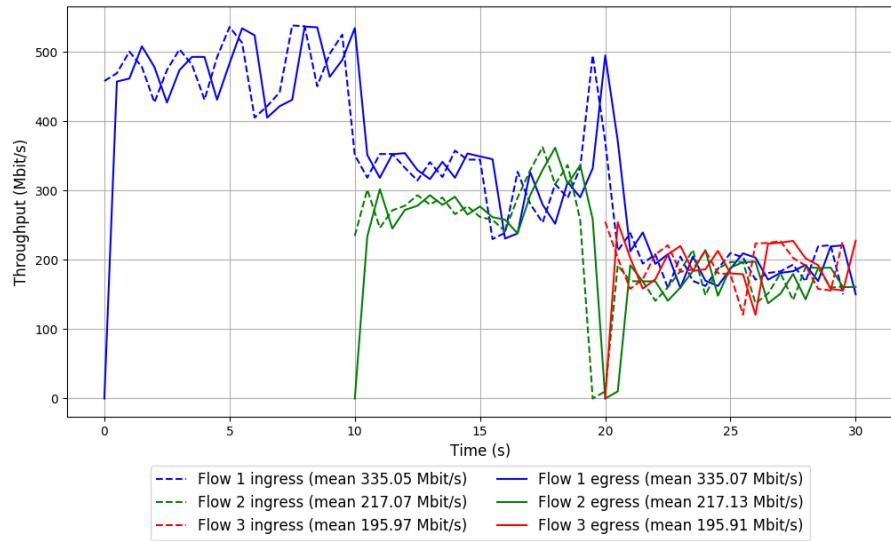


Run 1: Statistics of LEDBAT

```
Start at: 2019-08-27 11:48:12
End at: 2019-08-27 11:48:42
Local clock offset: -0.305 ms
Remote clock offset: 0.016 ms

# Below is generated by plot.py at 2019-08-27 15:09:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 544.60 Mbit/s
95th percentile per-packet one-way delay: 11.516 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 335.07 Mbit/s
95th percentile per-packet one-way delay: 12.321 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 217.13 Mbit/s
95th percentile per-packet one-way delay: 3.976 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 195.91 Mbit/s
95th percentile per-packet one-way delay: 1.395 ms
Loss rate: 0.05%
```

Run 1: Report of LEDBAT — Data Link

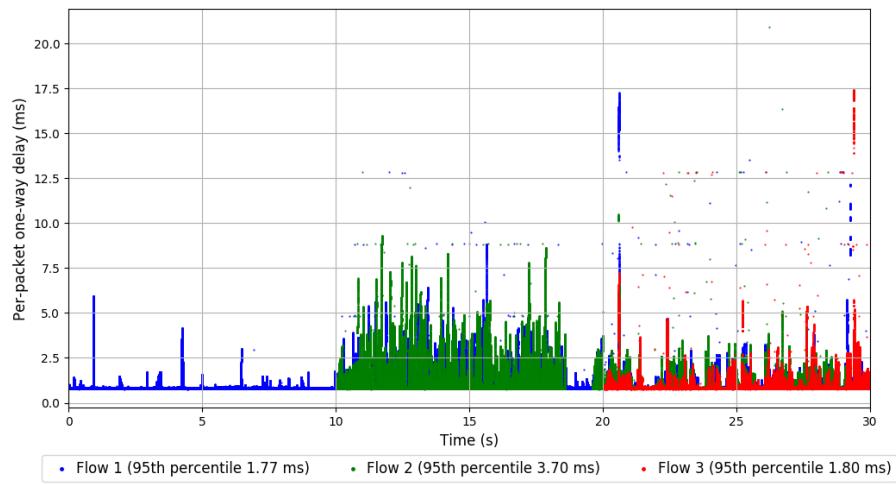
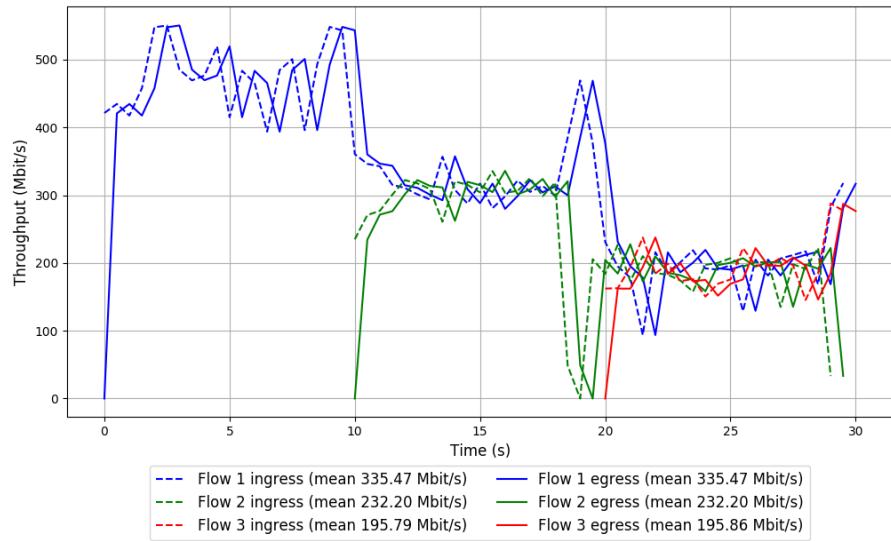


Run 2: Statistics of LEDBAT

```
Start at: 2019-08-27 12:22:19
End at: 2019-08-27 12:22:49
Local clock offset: -0.39 ms
Remote clock offset: 2.666 ms

# Below is generated by plot.py at 2019-08-27 15:09:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 548.10 Mbit/s
95th percentile per-packet one-way delay: 2.466 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 335.47 Mbit/s
95th percentile per-packet one-way delay: 1.769 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 232.20 Mbit/s
95th percentile per-packet one-way delay: 3.698 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 195.86 Mbit/s
95th percentile per-packet one-way delay: 1.799 ms
Loss rate: 0.03%
```

Run 2: Report of LEDBAT — Data Link

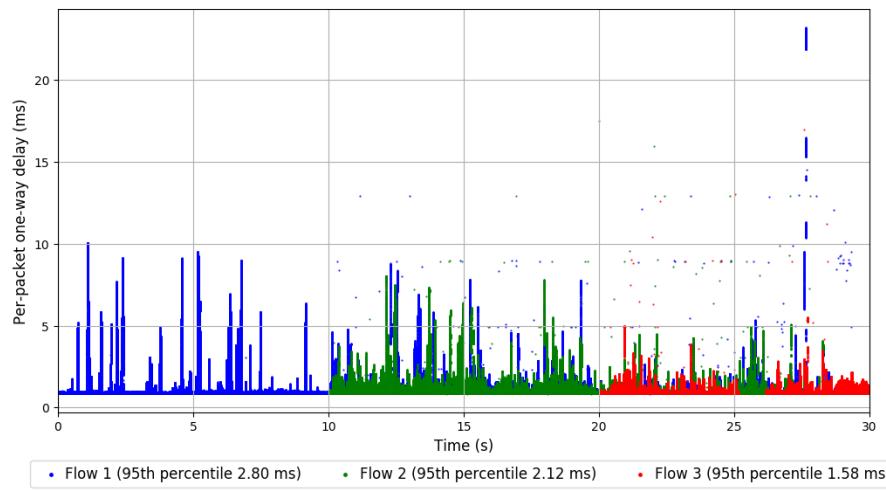
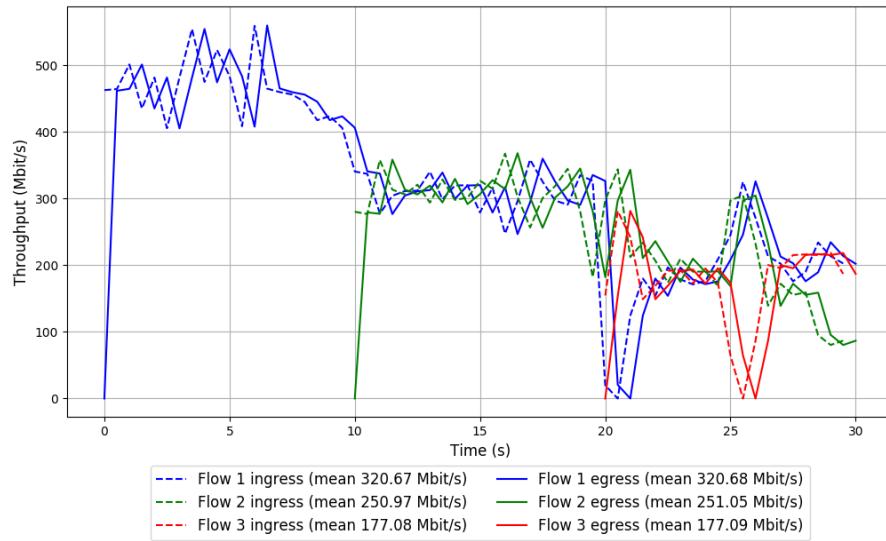


Run 3: Statistics of LEDBAT

```
Start at: 2019-08-27 12:56:37
End at: 2019-08-27 12:57:07
Local clock offset: -0.342 ms
Remote clock offset: 1.196 ms

# Below is generated by plot.py at 2019-08-27 15:09:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 546.58 Mbit/s
95th percentile per-packet one-way delay: 2.311 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 320.68 Mbit/s
95th percentile per-packet one-way delay: 2.797 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 251.05 Mbit/s
95th percentile per-packet one-way delay: 2.123 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 177.09 Mbit/s
95th percentile per-packet one-way delay: 1.579 ms
Loss rate: 0.01%
```

Run 3: Report of LEDBAT — Data Link

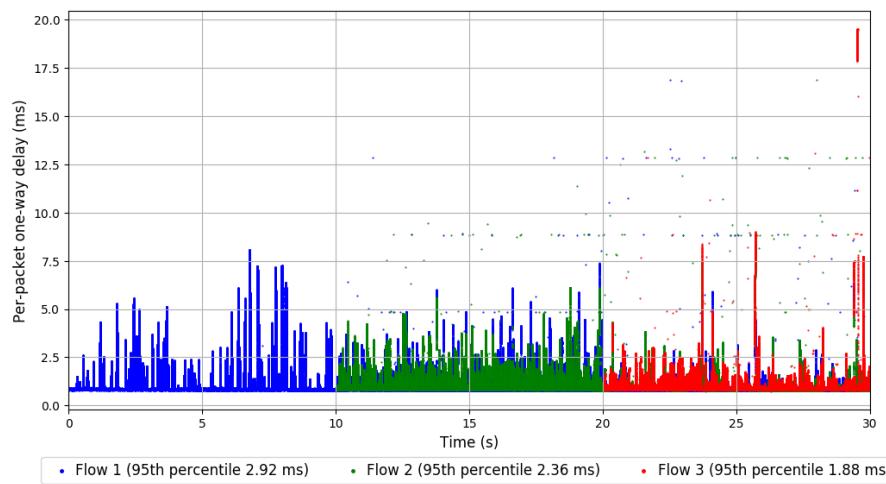
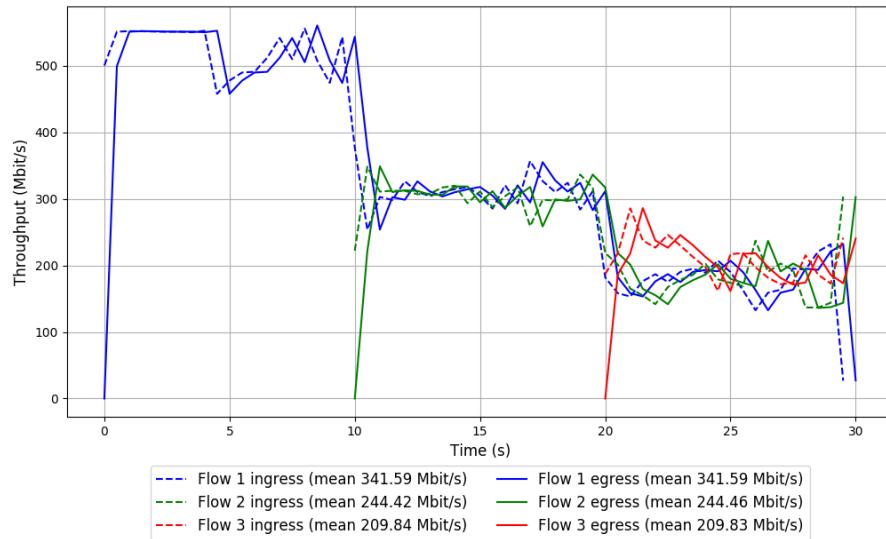


Run 4: Statistics of LEDBAT

```
Start at: 2019-08-27 13:30:52
End at: 2019-08-27 13:31:22
Local clock offset: -0.228 ms
Remote clock offset: -1.382 ms

# Below is generated by plot.py at 2019-08-27 15:10:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 569.27 Mbit/s
95th percentile per-packet one-way delay: 2.584 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 341.59 Mbit/s
95th percentile per-packet one-way delay: 2.918 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 244.46 Mbit/s
95th percentile per-packet one-way delay: 2.361 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 209.83 Mbit/s
95th percentile per-packet one-way delay: 1.883 ms
Loss rate: 0.03%
```

Run 4: Report of LEDBAT — Data Link

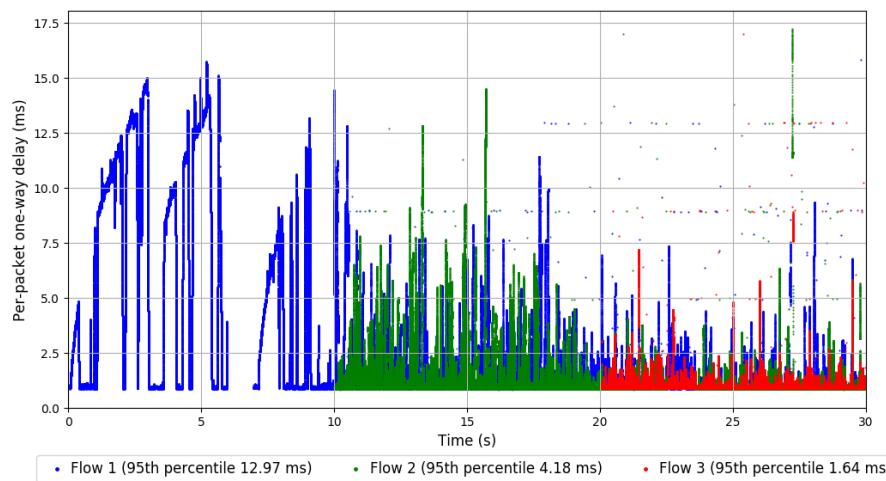
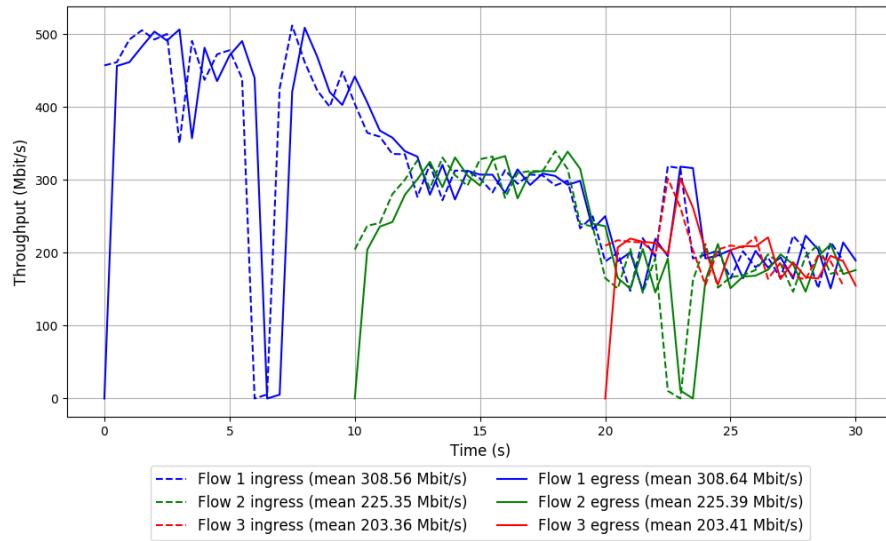


Run 5: Statistics of LEDBAT

```
Start at: 2019-08-27 14:05:08
End at: 2019-08-27 14:05:38
Local clock offset: -0.072 ms
Remote clock offset: -1.307 ms

# Below is generated by plot.py at 2019-08-27 15:10:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 526.17 Mbit/s
95th percentile per-packet one-way delay: 11.796 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 308.64 Mbit/s
95th percentile per-packet one-way delay: 12.973 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 225.39 Mbit/s
95th percentile per-packet one-way delay: 4.180 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 203.41 Mbit/s
95th percentile per-packet one-way delay: 1.637 ms
Loss rate: 0.01%
```

Run 5: Report of LEDBAT — Data Link

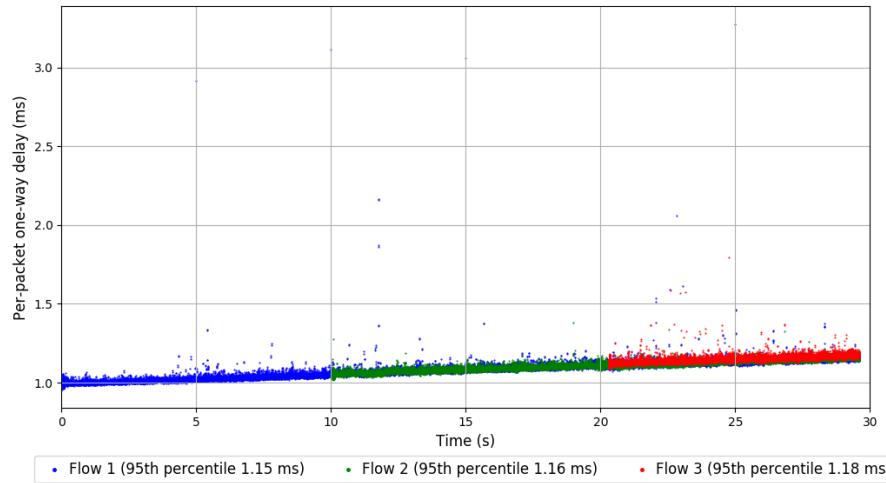
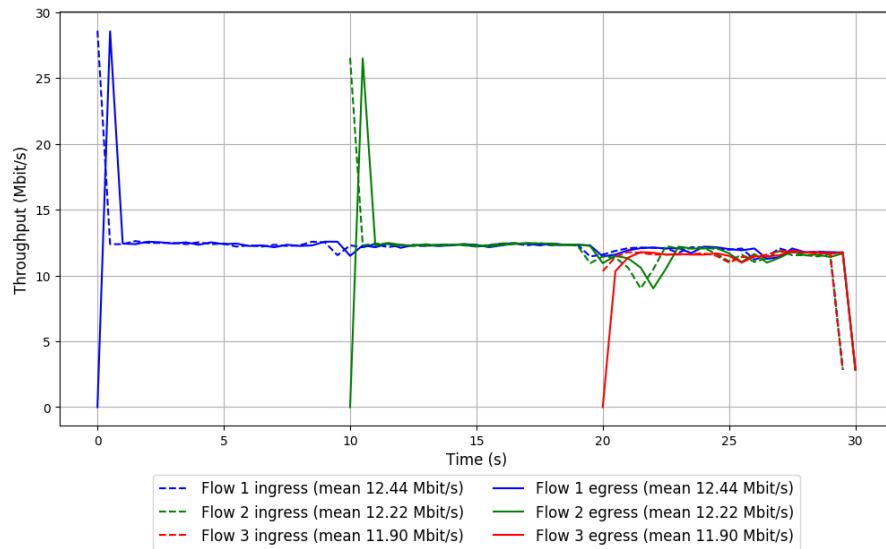


```
Run 1: Statistics of Muses\_DecisionTree

Start at: 2019-08-27 11:59:07
End at: 2019-08-27 11:59:37
Local clock offset: -0.257 ms
Remote clock offset: 0.375 ms

# Below is generated by plot.py at 2019-08-27 15:10:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 24.26 Mbit/s
95th percentile per-packet one-way delay: 1.164 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 12.44 Mbit/s
95th percentile per-packet one-way delay: 1.153 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 12.22 Mbit/s
95th percentile per-packet one-way delay: 1.155 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 11.90 Mbit/s
95th percentile per-packet one-way delay: 1.182 ms
Loss rate: 0.02%
```

### Run 1: Report of Muses\_DecisionTree — Data Link

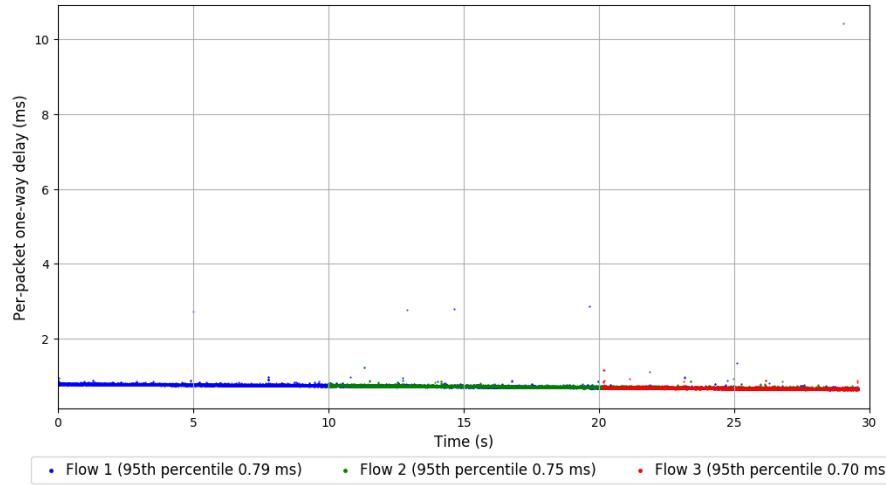
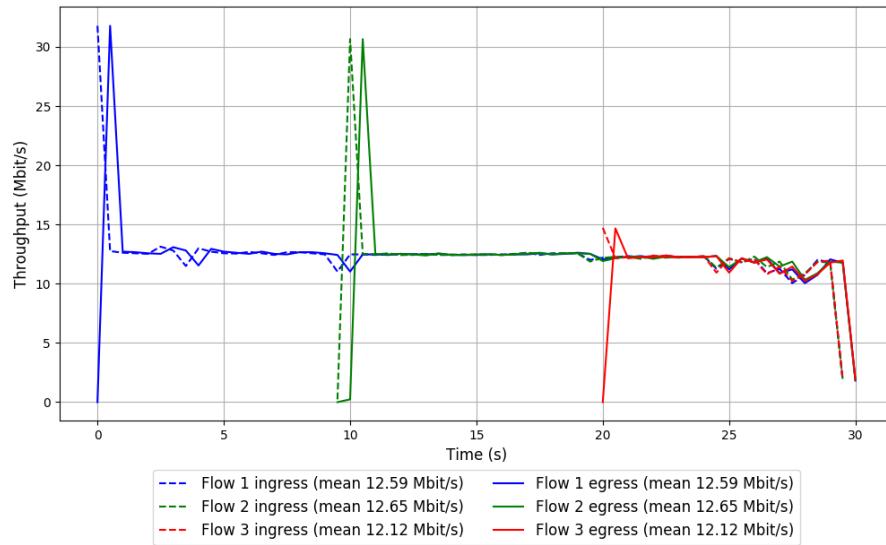


```
Run 2: Statistics of Muses\_DecisionTree

Start at: 2019-08-27 12:33:18
End at: 2019-08-27 12:33:48
Local clock offset: -0.354 ms
Remote clock offset: 2.533 ms

# Below is generated by plot.py at 2019-08-27 15:10:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 24.83 Mbit/s
95th percentile per-packet one-way delay: 0.782 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 12.59 Mbit/s
95th percentile per-packet one-way delay: 0.789 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 12.65 Mbit/s
95th percentile per-packet one-way delay: 0.751 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 12.12 Mbit/s
95th percentile per-packet one-way delay: 0.699 ms
Loss rate: 0.02%
```

Run 2: Report of Muses\_DecisionTree — Data Link

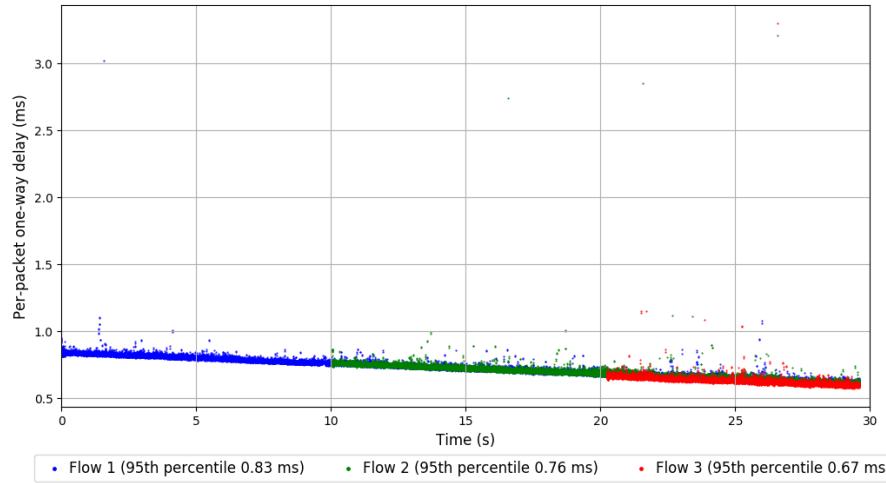
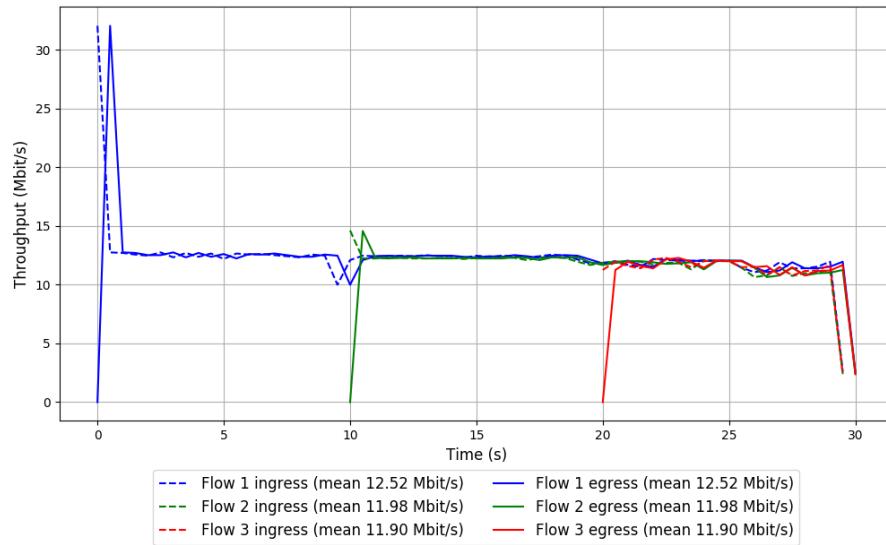


```
Run 3: Statistics of Muses\_DecisionTree

Start at: 2019-08-27 13:07:31
End at: 2019-08-27 13:08:01
Local clock offset: -0.282 ms
Remote clock offset: 0.784 ms

# Below is generated by plot.py at 2019-08-27 15:10:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 24.19 Mbit/s
95th percentile per-packet one-way delay: 0.824 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.52 Mbit/s
95th percentile per-packet one-way delay: 0.833 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 11.98 Mbit/s
95th percentile per-packet one-way delay: 0.757 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 11.90 Mbit/s
95th percentile per-packet one-way delay: 0.669 ms
Loss rate: 0.00%
```

### Run 3: Report of Muses\_DecisionTree — Data Link

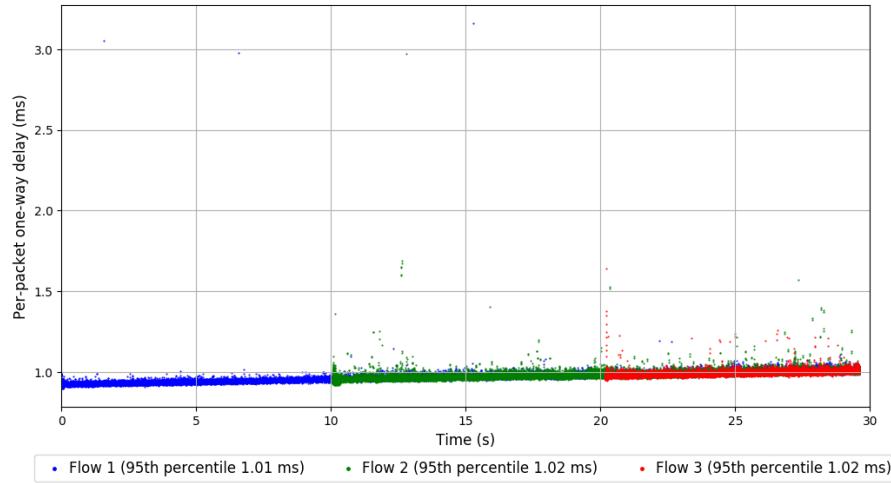
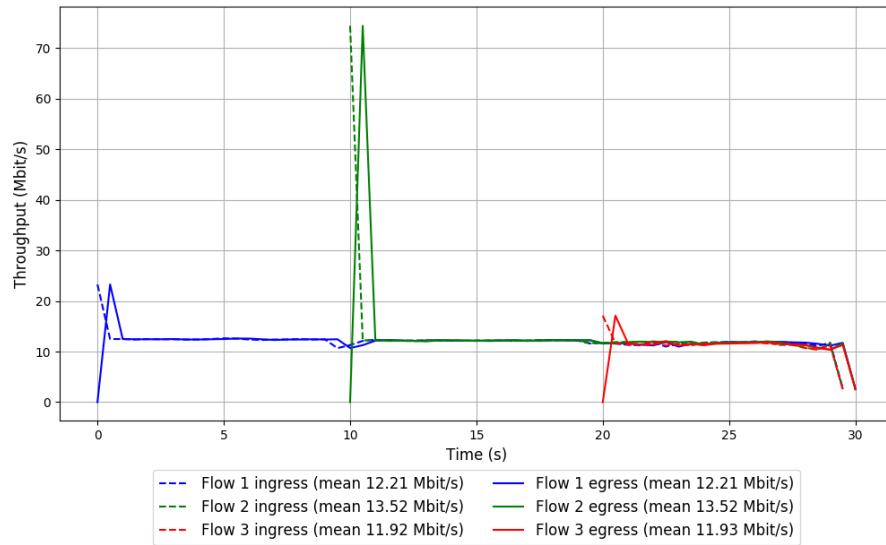


```
Run 4: Statistics of Muses\_DecisionTree

Start at: 2019-08-27 13:41:52
End at: 2019-08-27 13:42:22
Local clock offset: -0.185 ms
Remote clock offset: -1.731 ms

# Below is generated by plot.py at 2019-08-27 15:10:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 24.94 Mbit/s
95th percentile per-packet one-way delay: 1.016 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.21 Mbit/s
95th percentile per-packet one-way delay: 1.013 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 13.52 Mbit/s
95th percentile per-packet one-way delay: 1.017 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 11.93 Mbit/s
95th percentile per-packet one-way delay: 1.020 ms
Loss rate: 0.01%
```

## Run 4: Report of Muses\_DecisionTree — Data Link

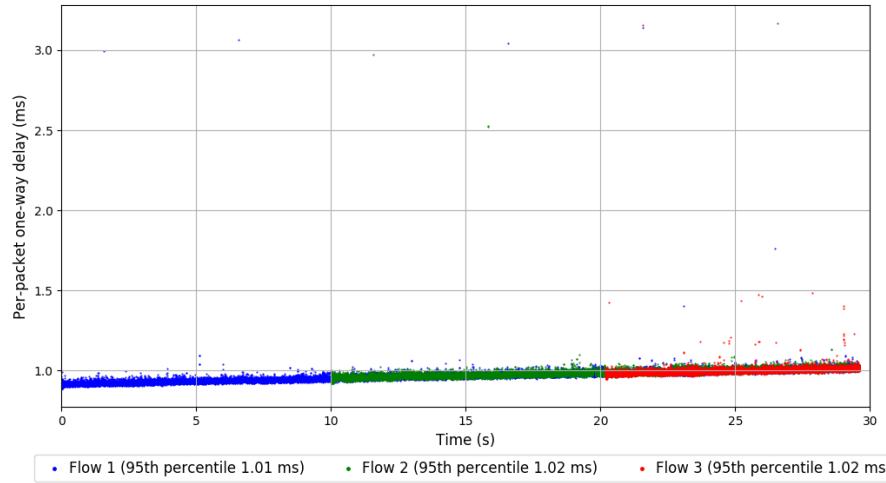
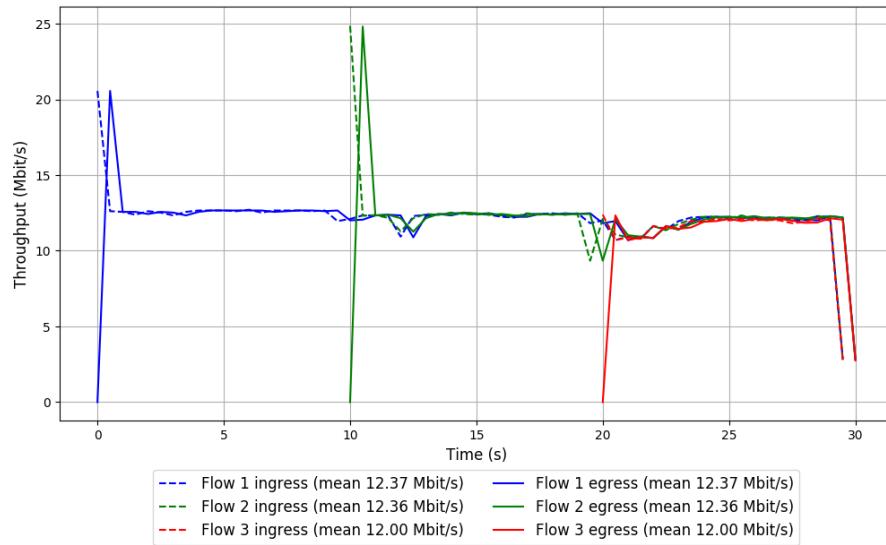


```
Run 5: Statistics of Muses\_DecisionTree

Start at: 2019-08-27 14:16:04
End at: 2019-08-27 14:16:34
Local clock offset: 0.031 ms
Remote clock offset: -1.068 ms

# Below is generated by plot.py at 2019-08-27 15:10:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 24.37 Mbit/s
95th percentile per-packet one-way delay: 1.019 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 12.37 Mbit/s
95th percentile per-packet one-way delay: 1.015 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 12.36 Mbit/s
95th percentile per-packet one-way delay: 1.021 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 12.00 Mbit/s
95th percentile per-packet one-way delay: 1.022 ms
Loss rate: 0.01%
```

### Run 5: Report of Muses\_DecisionTree — Data Link

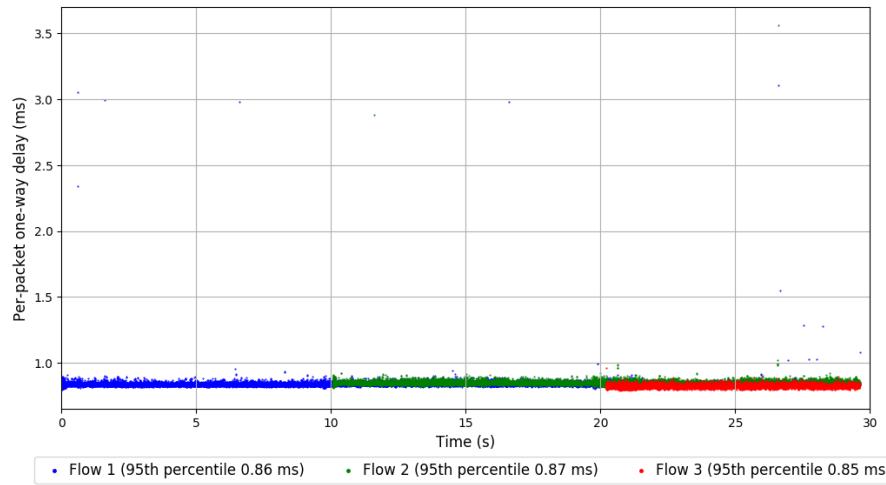
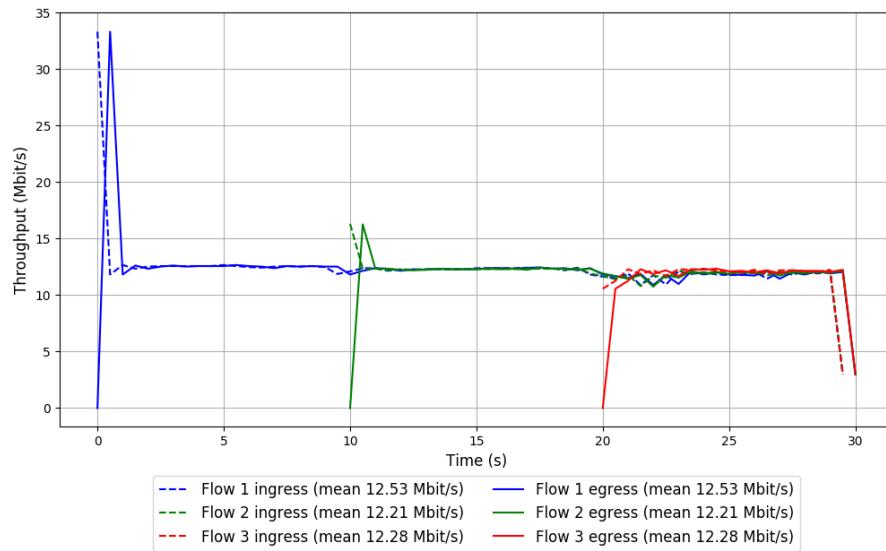


```
Run 1: Statistics of Muses\_DecisionTreeH0

Start at: 2019-08-27 11:35:36
End at: 2019-08-27 11:36:06
Local clock offset: -0.369 ms
Remote clock offset: -0.024 ms

# Below is generated by plot.py at 2019-08-27 15:10:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 24.48 Mbit/s
95th percentile per-packet one-way delay: 0.864 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 12.53 Mbit/s
95th percentile per-packet one-way delay: 0.859 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 12.21 Mbit/s
95th percentile per-packet one-way delay: 0.871 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 12.28 Mbit/s
95th percentile per-packet one-way delay: 0.847 ms
Loss rate: 0.02%
```

Run 1: Report of Muses\_DecisionTreeH0 — Data Link

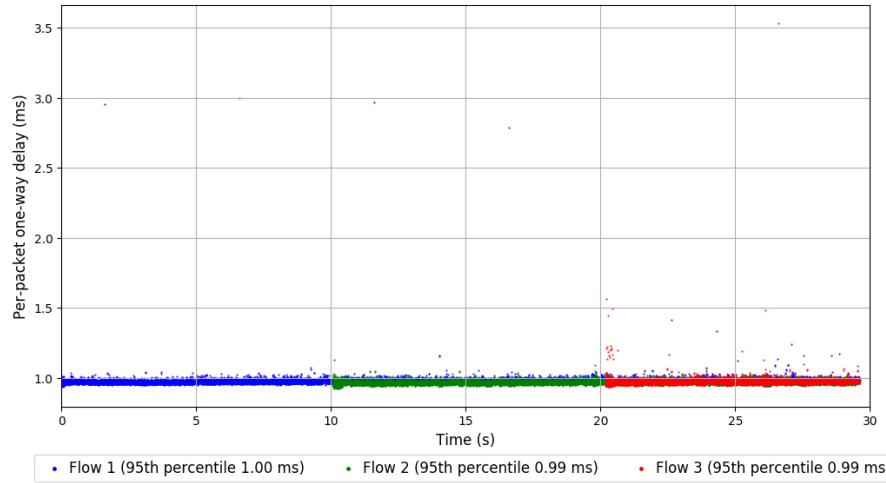
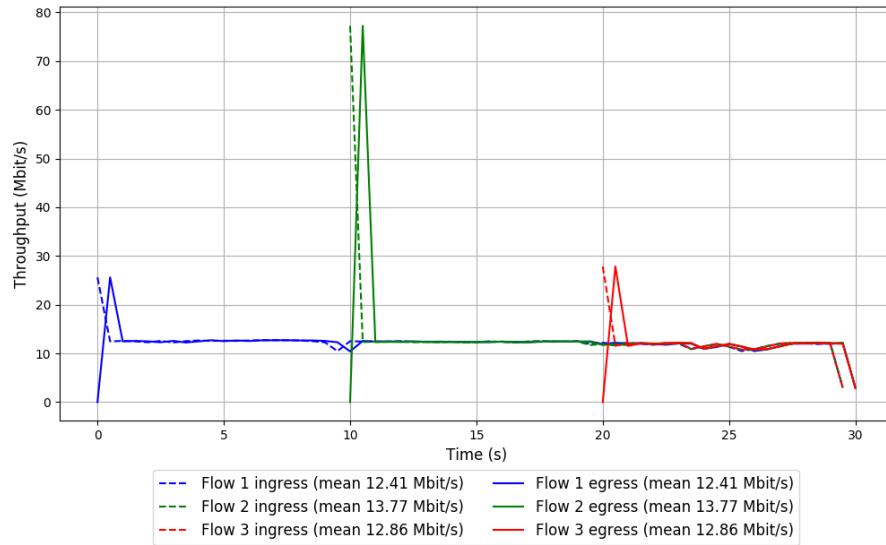


```
Run 2: Statistics of Muses\_DecisionTreeH0

Start at: 2019-08-27 12:09:50
End at: 2019-08-27 12:10:20
Local clock offset: -0.313 ms
Remote clock offset: 2.247 ms

# Below is generated by plot.py at 2019-08-27 15:10:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 25.58 Mbit/s
95th percentile per-packet one-way delay: 0.993 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 12.41 Mbit/s
95th percentile per-packet one-way delay: 0.996 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 13.77 Mbit/s
95th percentile per-packet one-way delay: 0.986 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 12.86 Mbit/s
95th percentile per-packet one-way delay: 0.992 ms
Loss rate: 0.02%
```

## Run 2: Report of Muses\_DecisionTreeH0 — Data Link

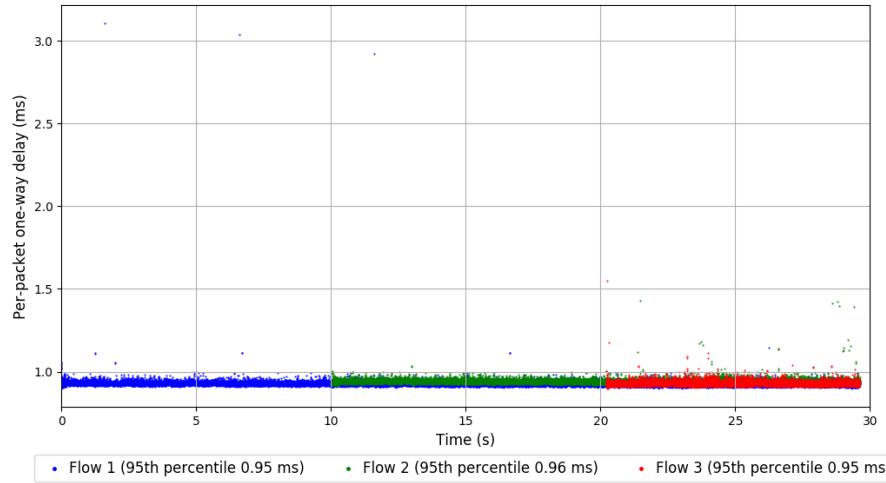
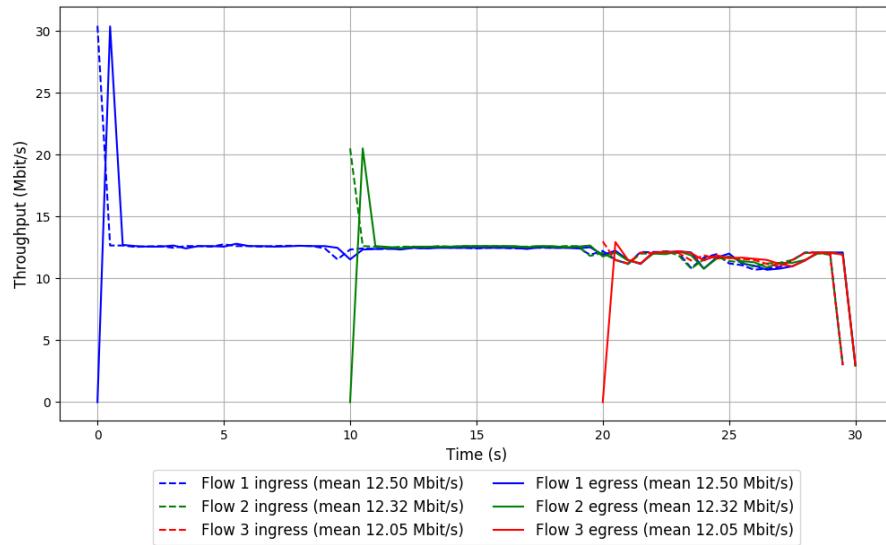


```
Run 3: Statistics of Muses\_DecisionTreeH0

Start at: 2019-08-27 12:44:03
End at: 2019-08-27 12:44:33
Local clock offset: -0.343 ms
Remote clock offset: 1.339 ms

# Below is generated by plot.py at 2019-08-27 15:10:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 24.46 Mbit/s
95th percentile per-packet one-way delay: 0.954 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 12.50 Mbit/s
95th percentile per-packet one-way delay: 0.947 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 12.32 Mbit/s
95th percentile per-packet one-way delay: 0.959 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 12.05 Mbit/s
95th percentile per-packet one-way delay: 0.955 ms
Loss rate: 0.02%
```

Run 3: Report of Muses\_DecisionTreeH0 — Data Link

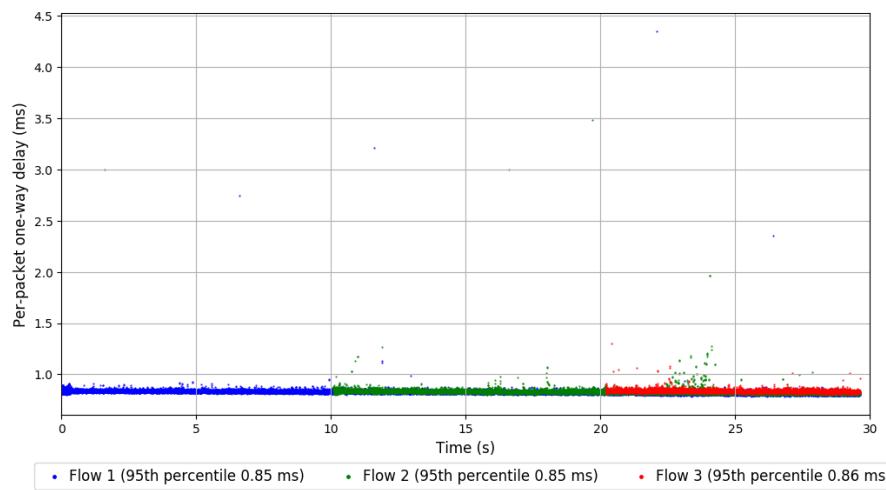
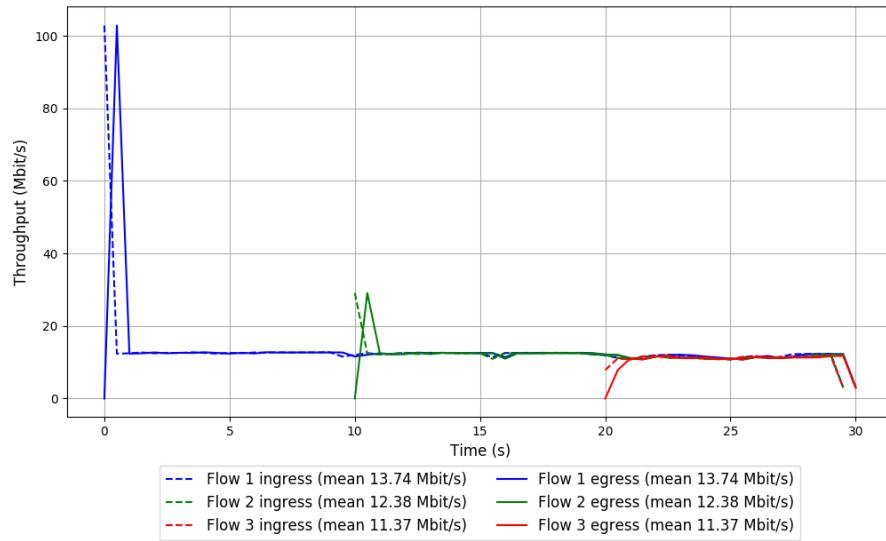


```
Run 4: Statistics of Muses\_DecisionTreeH0

Start at: 2019-08-27 13:18:16
End at: 2019-08-27 13:18:46
Local clock offset: -0.273 ms
Remote clock offset: -0.745 ms

# Below is generated by plot.py at 2019-08-27 15:10:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 25.51 Mbit/s
95th percentile per-packet one-way delay: 0.850 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.74 Mbit/s
95th percentile per-packet one-way delay: 0.848 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 12.38 Mbit/s
95th percentile per-packet one-way delay: 0.850 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 11.37 Mbit/s
95th percentile per-packet one-way delay: 0.856 ms
Loss rate: 0.01%
```

Run 4: Report of Muses\_DecisionTreeH0 — Data Link

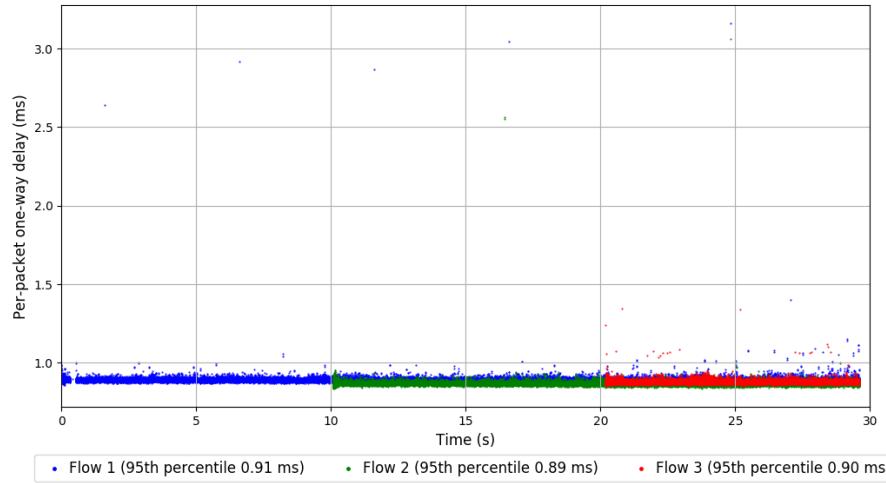
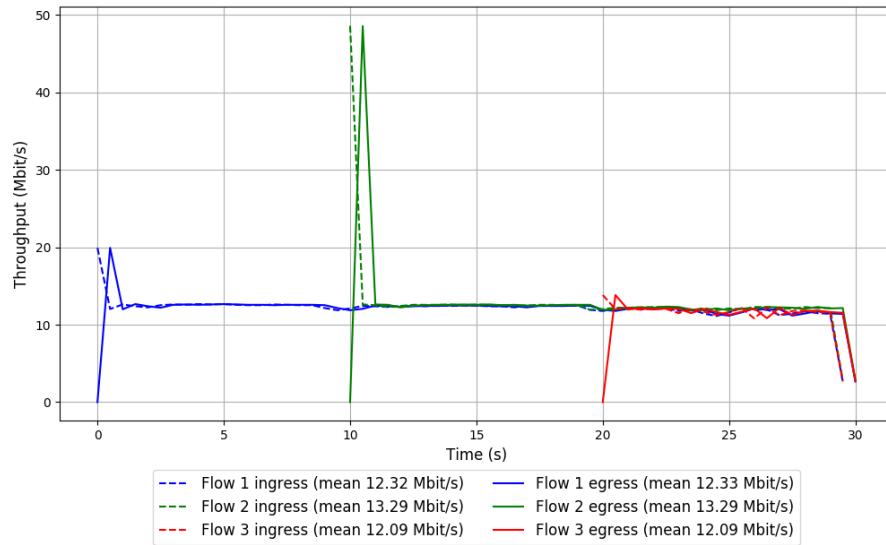


```
Run 5: Statistics of Muses\_DecisionTreeH0

Start at: 2019-08-27 13:52:33
End at: 2019-08-27 13:53:03
Local clock offset: -0.156 ms
Remote clock offset: -1.195 ms

# Below is generated by plot.py at 2019-08-27 15:10:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 24.94 Mbit/s
95th percentile per-packet one-way delay: 0.903 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 12.33 Mbit/s
95th percentile per-packet one-way delay: 0.908 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 13.29 Mbit/s
95th percentile per-packet one-way delay: 0.888 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 12.09 Mbit/s
95th percentile per-packet one-way delay: 0.900 ms
Loss rate: 0.00%
```

Run 5: Report of Muses\_DecisionTreeH0 — Data Link

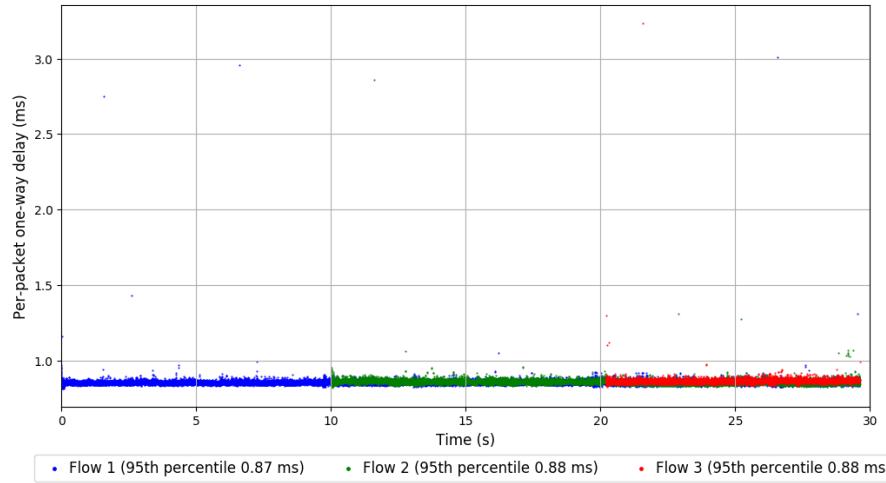
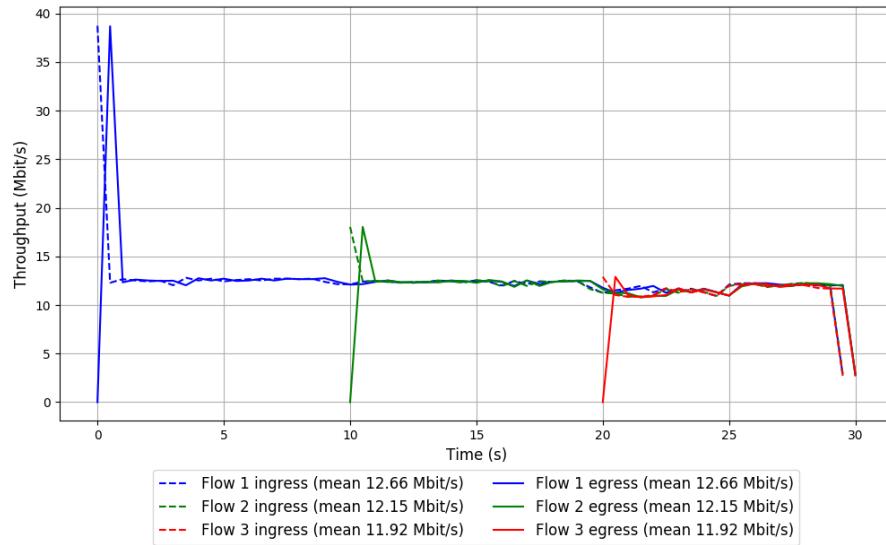


```
Run 1: Statistics of Muses\_DecisionTreeR0

Start at: 2019-08-27 11:31:45
End at: 2019-08-27 11:32:15
Local clock offset: -0.363 ms
Remote clock offset: -0.044 ms

# Below is generated by plot.py at 2019-08-27 15:10:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 24.47 Mbit/s
95th percentile per-packet one-way delay: 0.877 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 12.66 Mbit/s
95th percentile per-packet one-way delay: 0.874 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 12.15 Mbit/s
95th percentile per-packet one-way delay: 0.878 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 11.92 Mbit/s
95th percentile per-packet one-way delay: 0.883 ms
Loss rate: 0.00%
```

Run 1: Report of Muses\_DecisionTreeR0 — Data Link

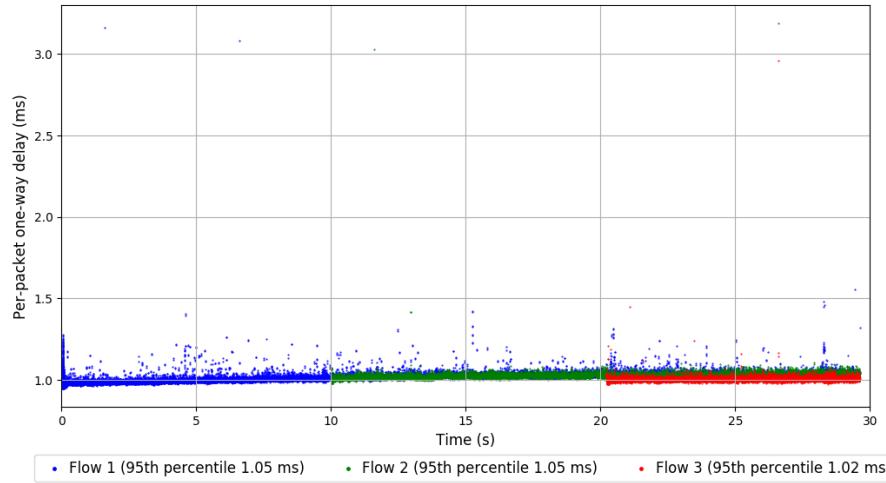
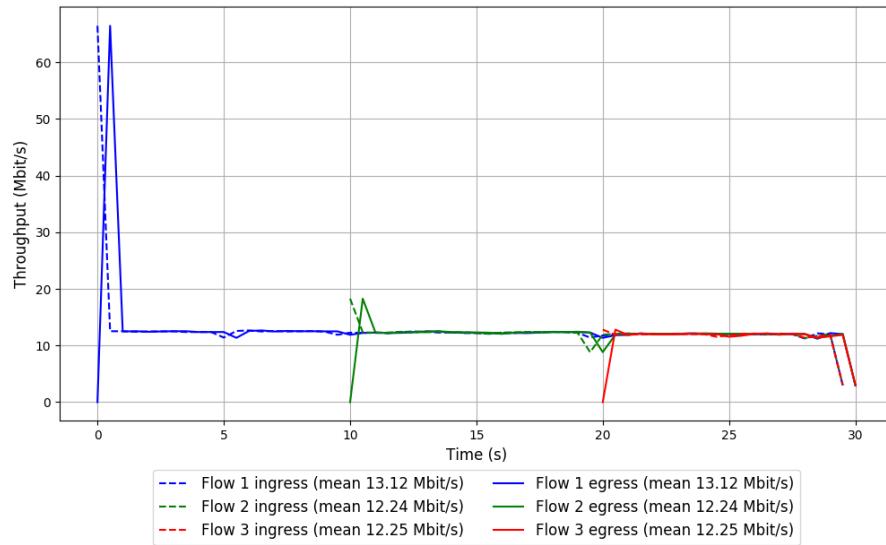


```
Run 2: Statistics of Muses\_DecisionTreeR0

Start at: 2019-08-27 12:05:59
End at: 2019-08-27 12:06:29
Local clock offset: -0.292 ms
Remote clock offset: 2.112 ms

# Below is generated by plot.py at 2019-08-27 15:10:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 25.11 Mbit/s
95th percentile per-packet one-way delay: 1.048 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 13.12 Mbit/s
95th percentile per-packet one-way delay: 1.052 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 12.24 Mbit/s
95th percentile per-packet one-way delay: 1.047 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 12.25 Mbit/s
95th percentile per-packet one-way delay: 1.024 ms
Loss rate: 0.02%
```

Run 2: Report of Muses\_DecisionTreeR0 — Data Link

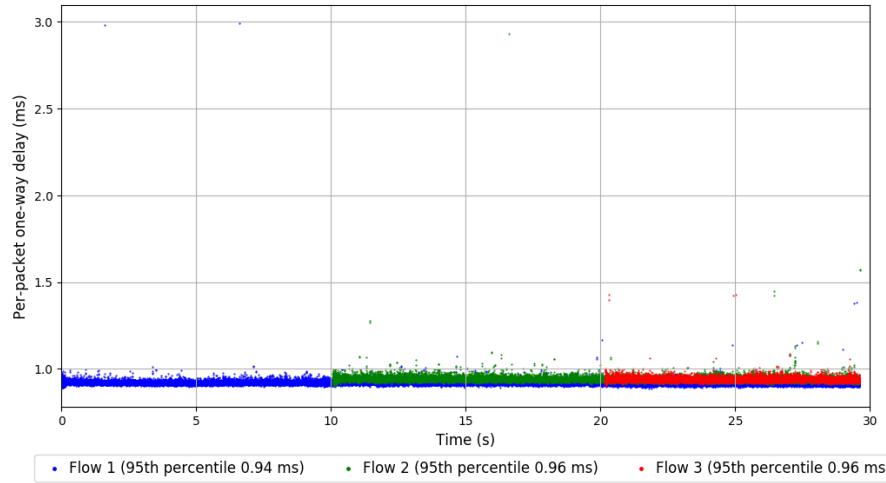
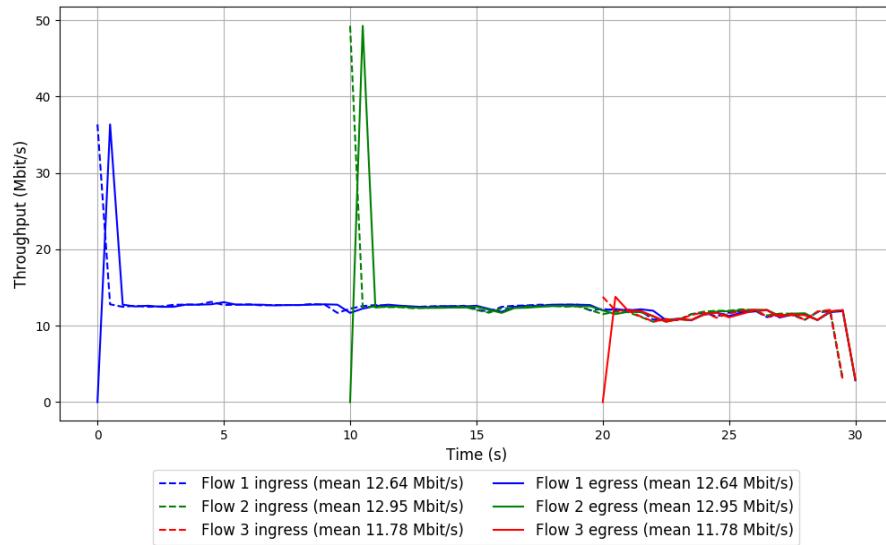


```
Run 3: Statistics of Muses\_DecisionTreeR0

Start at: 2019-08-27 12:40:11
End at: 2019-08-27 12:40:41
Local clock offset: -0.337 ms
Remote clock offset: 1.416 ms

# Below is generated by plot.py at 2019-08-27 15:10:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 24.94 Mbit/s
95th percentile per-packet one-way delay: 0.957 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 12.64 Mbit/s
95th percentile per-packet one-way delay: 0.942 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 12.95 Mbit/s
95th percentile per-packet one-way delay: 0.964 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 11.78 Mbit/s
95th percentile per-packet one-way delay: 0.961 ms
Loss rate: 0.02%
```

### Run 3: Report of Muses\_DecisionTreeR0 — Data Link

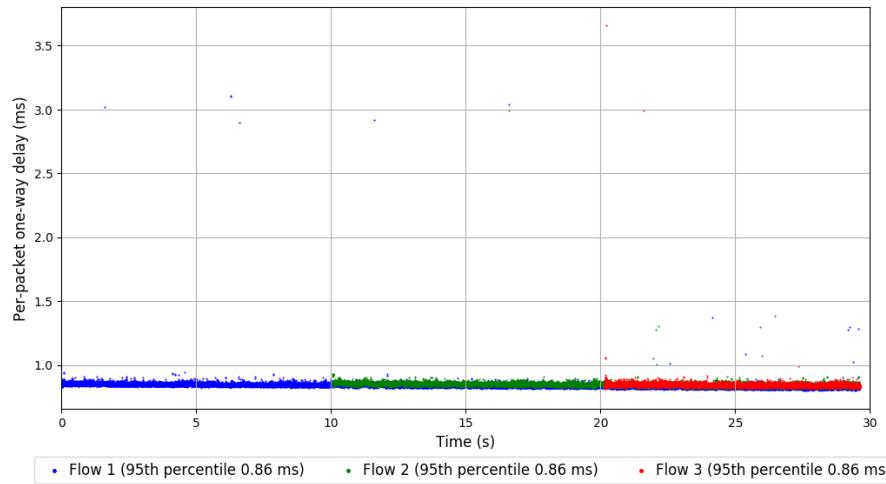
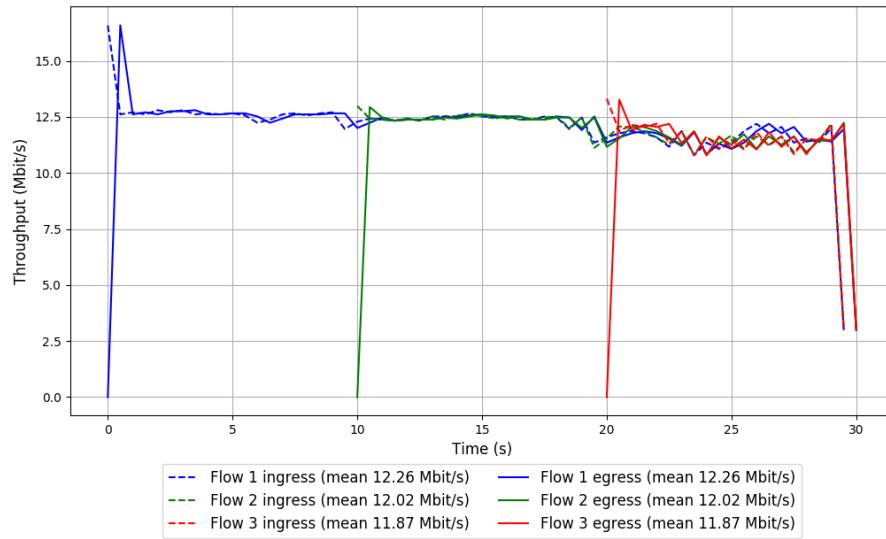


```
Run 4: Statistics of Muses\_DecisionTreeR0

Start at: 2019-08-27 13:14:24
End at: 2019-08-27 13:14:54
Local clock offset: -0.275 ms
Remote clock offset: -0.524 ms

# Below is generated by plot.py at 2019-08-27 15:10:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 23.99 Mbit/s
95th percentile per-packet one-way delay: 0.862 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 12.26 Mbit/s
95th percentile per-packet one-way delay: 0.860 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 12.02 Mbit/s
95th percentile per-packet one-way delay: 0.865 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 11.87 Mbit/s
95th percentile per-packet one-way delay: 0.861 ms
Loss rate: 0.02%
```

Run 4: Report of Muses\_DecisionTreeR0 — Data Link

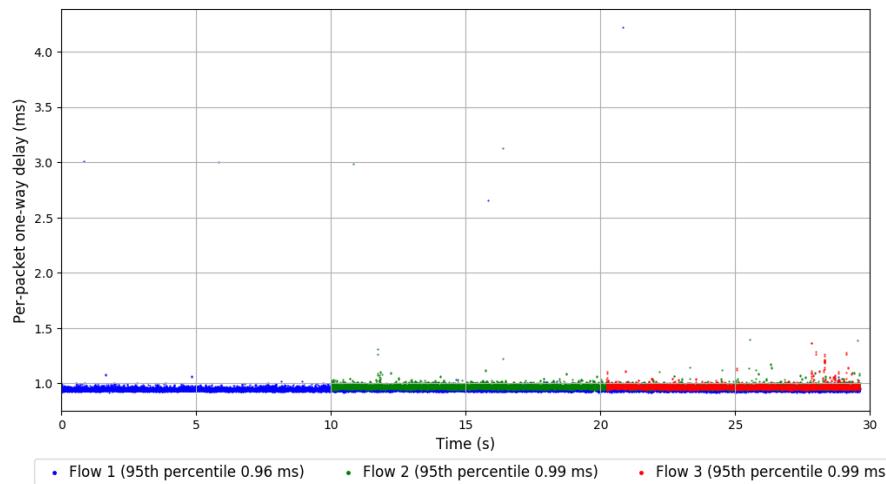
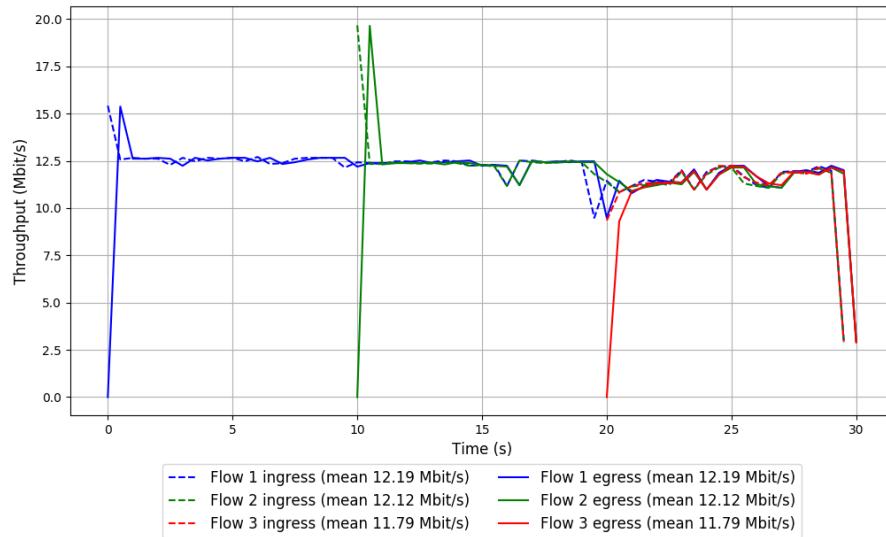


```
Run 5: Statistics of Muses\_DecisionTreeR0

Start at: 2019-08-27 13:48:42
End at: 2019-08-27 13:49:12
Local clock offset: -0.168 ms
Remote clock offset: -1.24 ms

# Below is generated by plot.py at 2019-08-27 15:10:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 23.94 Mbit/s
95th percentile per-packet one-way delay: 0.983 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 12.19 Mbit/s
95th percentile per-packet one-way delay: 0.965 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 12.12 Mbit/s
95th percentile per-packet one-way delay: 0.991 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 11.79 Mbit/s
95th percentile per-packet one-way delay: 0.986 ms
Loss rate: 0.02%
```

Run 5: Report of Muses\_DecisionTreeR0 — Data Link

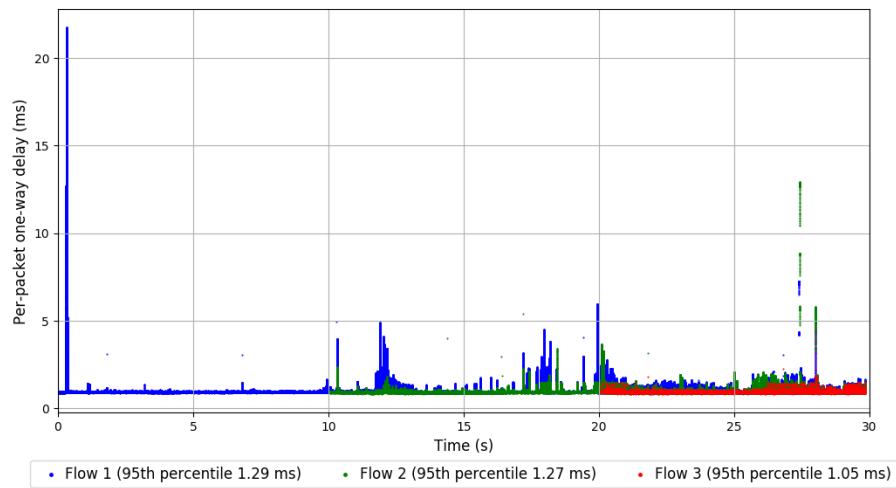
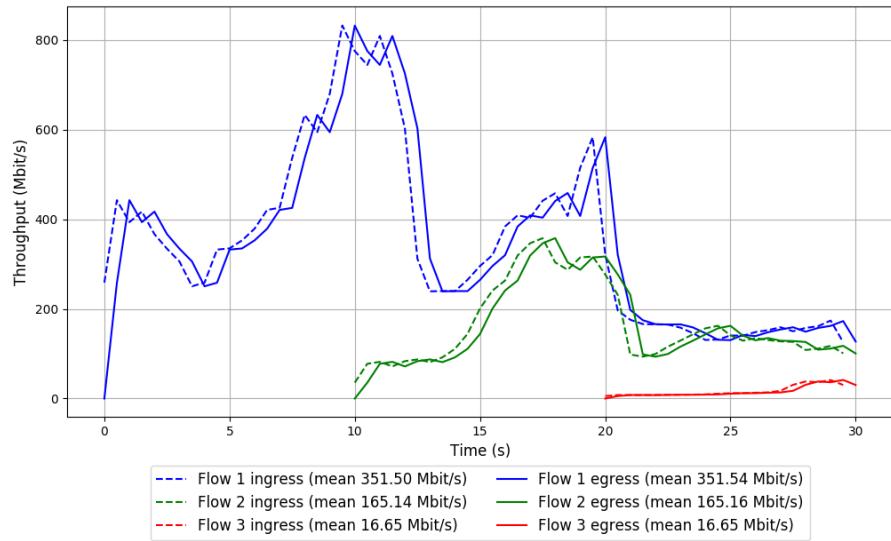


```
Run 1: Statistics of PCC-Allegro
```

```
Start at: 2019-08-27 11:36:52
End at: 2019-08-27 11:37:22
Local clock offset: -0.347 ms
Remote clock offset: -0.087 ms

# Below is generated by plot.py at 2019-08-27 15:11:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 466.72 Mbit/s
95th percentile per-packet one-way delay: 1.286 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 351.54 Mbit/s
95th percentile per-packet one-way delay: 1.294 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 165.16 Mbit/s
95th percentile per-packet one-way delay: 1.275 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 16.65 Mbit/s
95th percentile per-packet one-way delay: 1.053 ms
Loss rate: 0.04%
```

Run 1: Report of PCC-Allegro — Data Link

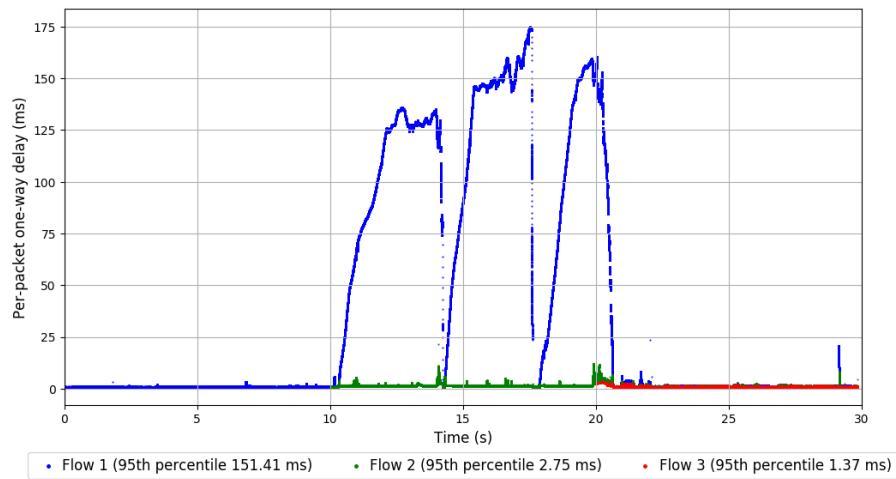
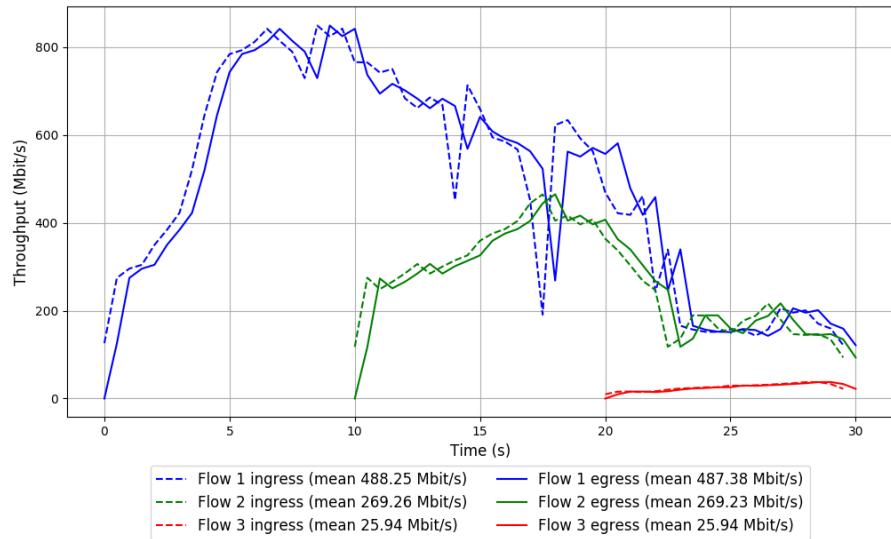


Run 2: Statistics of PCC-Allegro

```
Start at: 2019-08-27 12:11:05
End at: 2019-08-27 12:11:35
Local clock offset: -0.334 ms
Remote clock offset: 2.296 ms

# Below is generated by plot.py at 2019-08-27 15:14:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 674.66 Mbit/s
95th percentile per-packet one-way delay: 149.077 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 487.38 Mbit/s
95th percentile per-packet one-way delay: 151.415 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 269.23 Mbit/s
95th percentile per-packet one-way delay: 2.754 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 25.94 Mbit/s
95th percentile per-packet one-way delay: 1.368 ms
Loss rate: 0.02%
```

Run 2: Report of PCC-Allegro — Data Link

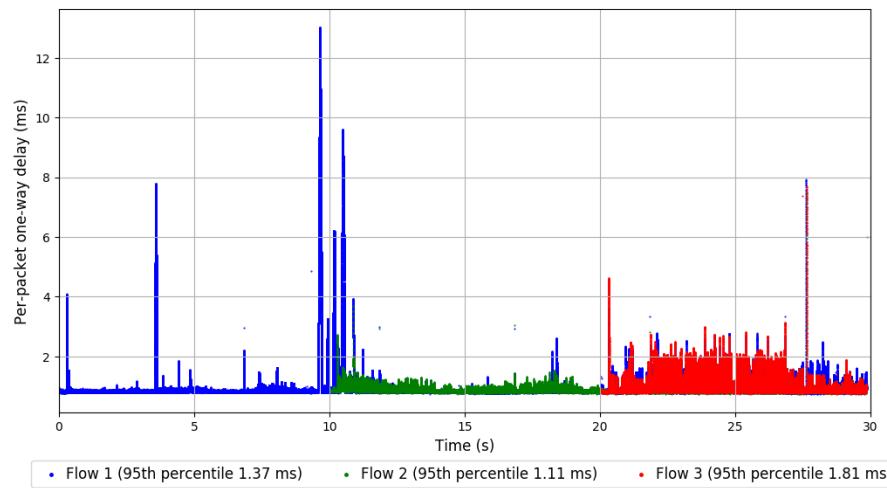
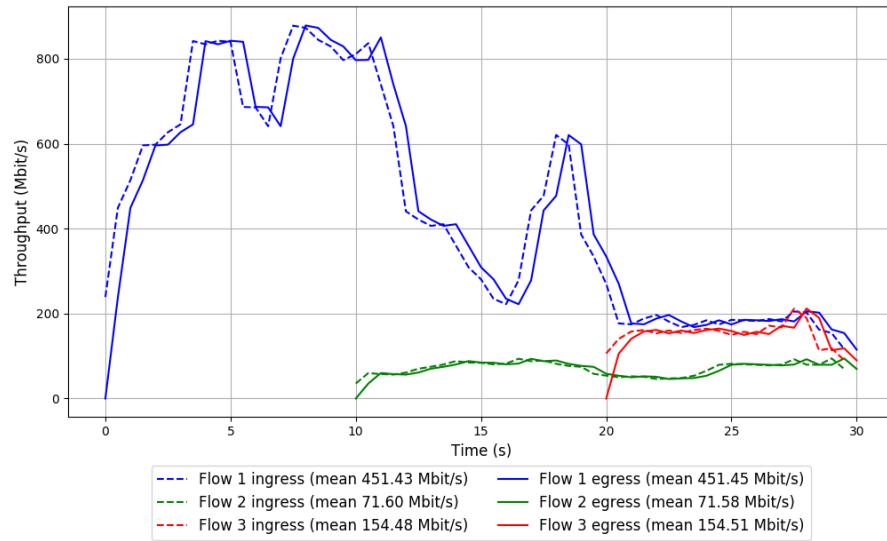


Run 3: Statistics of PCC-Allegro

```
Start at: 2019-08-27 12:45:18
End at: 2019-08-27 12:45:48
Local clock offset: -0.36 ms
Remote clock offset: 1.386 ms

# Below is generated by plot.py at 2019-08-27 15:14:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 549.80 Mbit/s
95th percentile per-packet one-way delay: 1.436 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 451.45 Mbit/s
95th percentile per-packet one-way delay: 1.367 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 71.58 Mbit/s
95th percentile per-packet one-way delay: 1.112 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 154.51 Mbit/s
95th percentile per-packet one-way delay: 1.810 ms
Loss rate: 0.02%
```

Run 3: Report of PCC-Allegro — Data Link

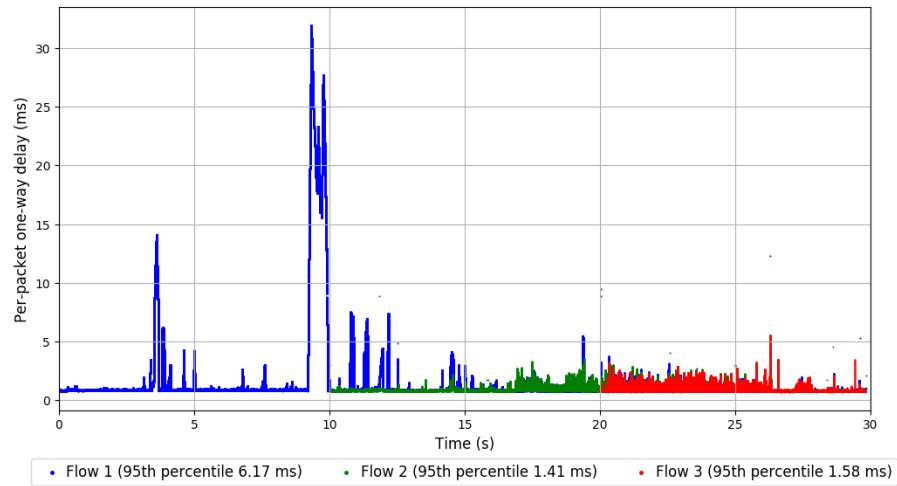
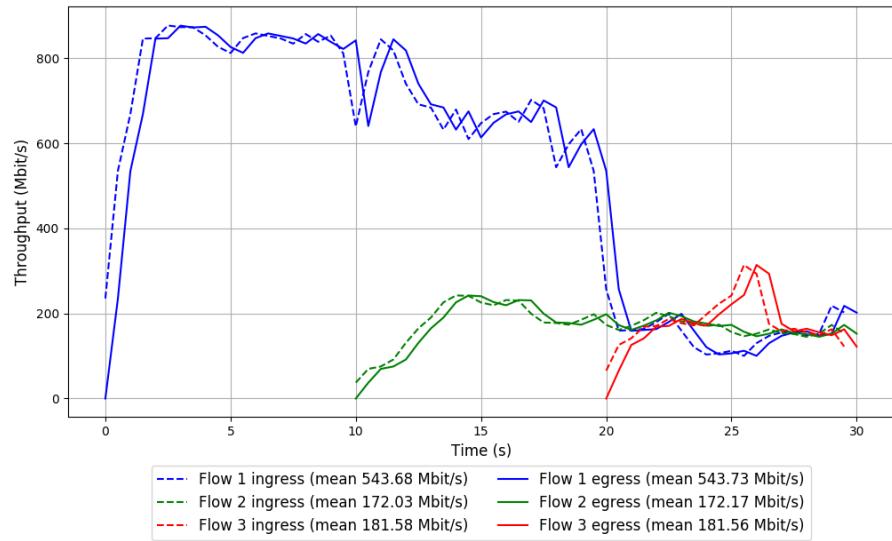


Run 4: Statistics of PCC-Allegro

```
Start at: 2019-08-27 13:19:31
End at: 2019-08-27 13:20:01
Local clock offset: -0.244 ms
Remote clock offset: -0.785 ms

# Below is generated by plot.py at 2019-08-27 15:18:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 717.91 Mbit/s
95th percentile per-packet one-way delay: 3.947 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 543.73 Mbit/s
95th percentile per-packet one-way delay: 6.174 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 172.17 Mbit/s
95th percentile per-packet one-way delay: 1.405 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 181.56 Mbit/s
95th percentile per-packet one-way delay: 1.578 ms
Loss rate: 0.02%
```

Run 4: Report of PCC-Allegro — Data Link

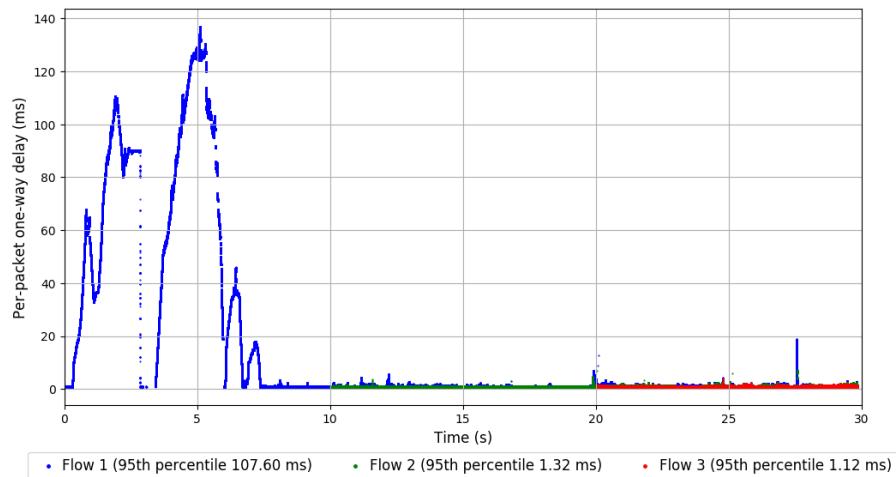
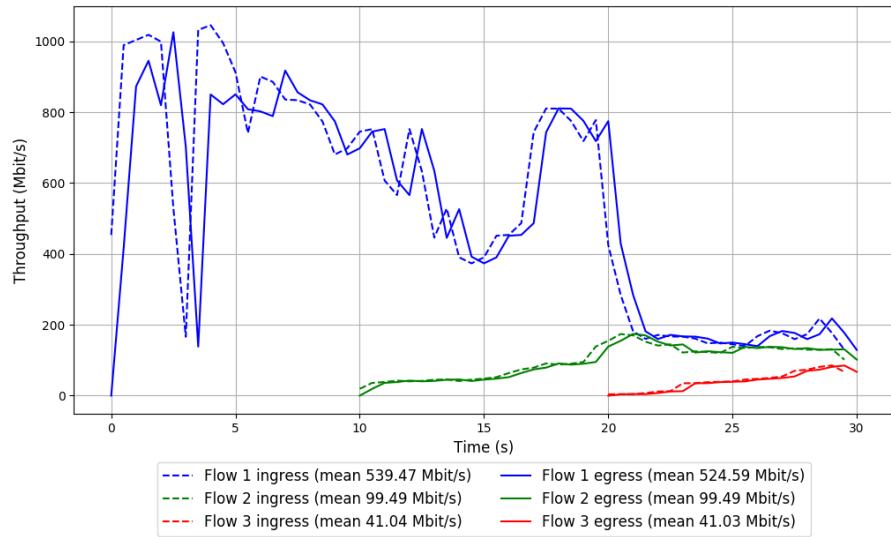


Run 5: Statistics of PCC-Allegro

```
Start at: 2019-08-27 13:53:49
End at: 2019-08-27 13:54:19
Local clock offset: -0.14 ms
Remote clock offset: -1.202 ms

# Below is generated by plot.py at 2019-08-27 15:18:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 604.19 Mbit/s
95th percentile per-packet one-way delay: 105.508 ms
Loss rate: 2.41%
-- Flow 1:
Average throughput: 524.59 Mbit/s
95th percentile per-packet one-way delay: 107.597 ms
Loss rate: 2.76%
-- Flow 2:
Average throughput: 99.49 Mbit/s
95th percentile per-packet one-way delay: 1.323 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 41.03 Mbit/s
95th percentile per-packet one-way delay: 1.116 ms
Loss rate: 0.05%
```

Run 5: Report of PCC-Allegro — Data Link

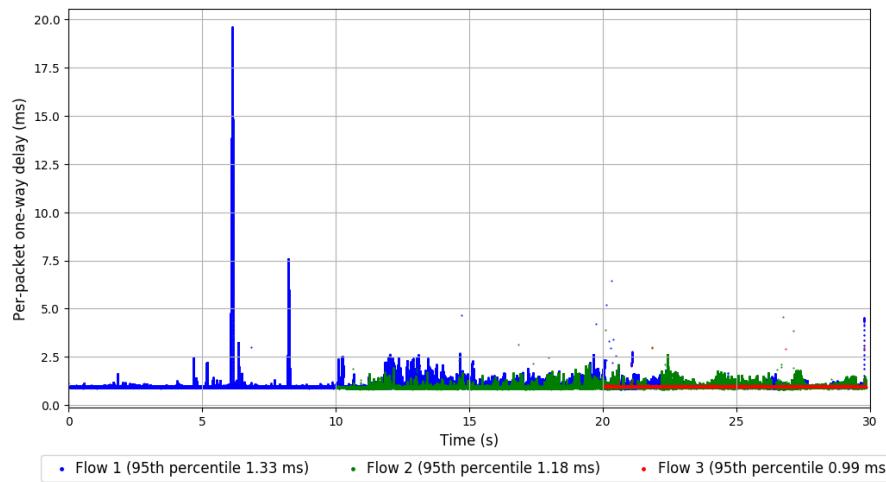
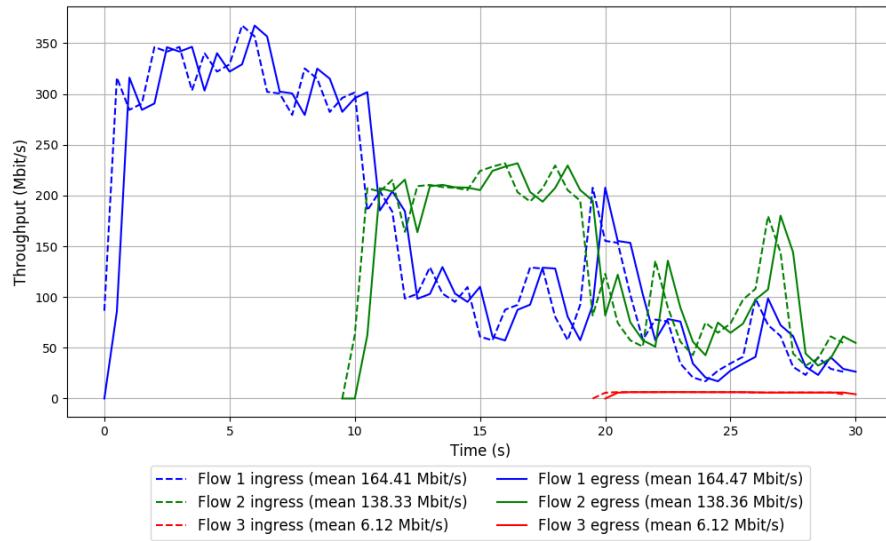


```
Run 1: Statistics of PCC-Expr
```

```
Start at: 2019-08-27 11:44:02
End at: 2019-08-27 11:44:32
Local clock offset: -0.328 ms
Remote clock offset: -0.032 ms

# Below is generated by plot.py at 2019-08-27 15:18:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 258.53 Mbit/s
95th percentile per-packet one-way delay: 1.256 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 164.47 Mbit/s
95th percentile per-packet one-way delay: 1.327 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 138.36 Mbit/s
95th percentile per-packet one-way delay: 1.182 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 6.12 Mbit/s
95th percentile per-packet one-way delay: 0.994 ms
Loss rate: 0.02%
```

Run 1: Report of PCC-Expr — Data Link

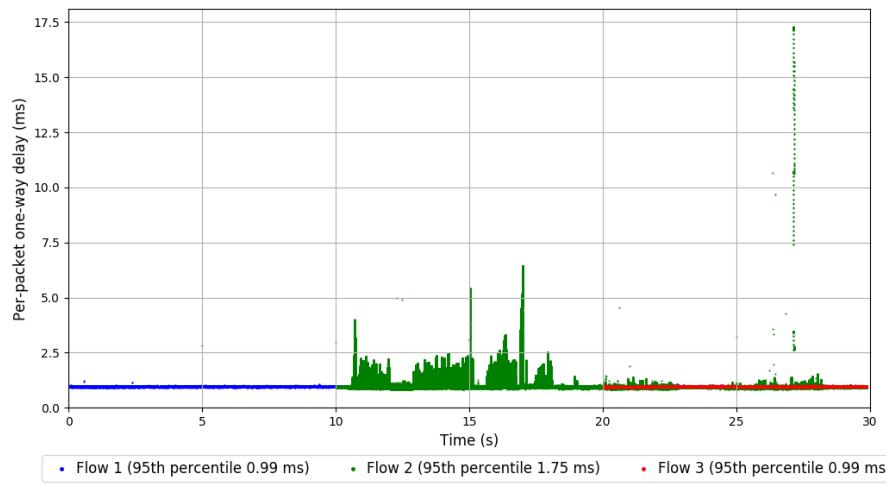
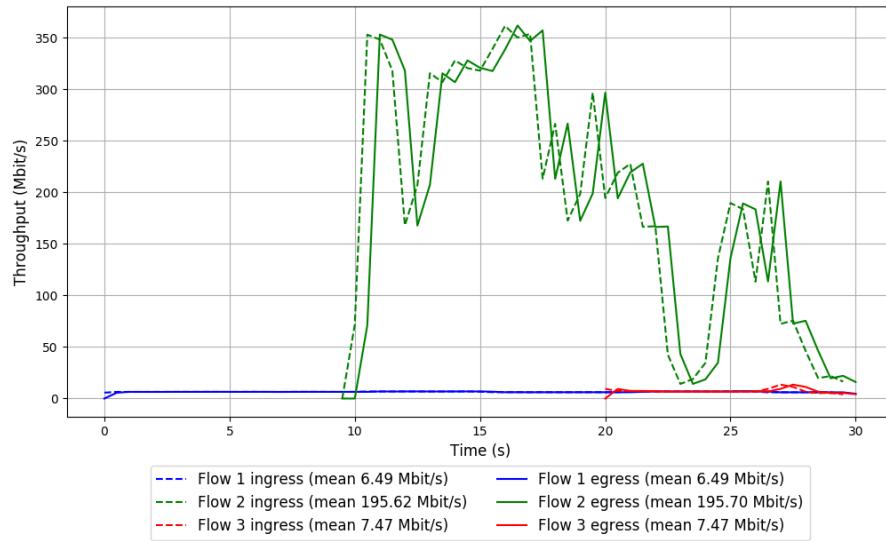


Run 2: Statistics of PCC-Expr

```
Start at: 2019-08-27 12:18:15
End at: 2019-08-27 12:18:45
Local clock offset: -0.34 ms
Remote clock offset: 2.476 ms

# Below is generated by plot.py at 2019-08-27 15:18:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 139.13 Mbit/s
95th percentile per-packet one-way delay: 1.721 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 6.49 Mbit/s
95th percentile per-packet one-way delay: 0.987 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 195.70 Mbit/s
95th percentile per-packet one-way delay: 1.749 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 7.47 Mbit/s
95th percentile per-packet one-way delay: 0.987 ms
Loss rate: 0.00%
```

Run 2: Report of PCC-Expr — Data Link

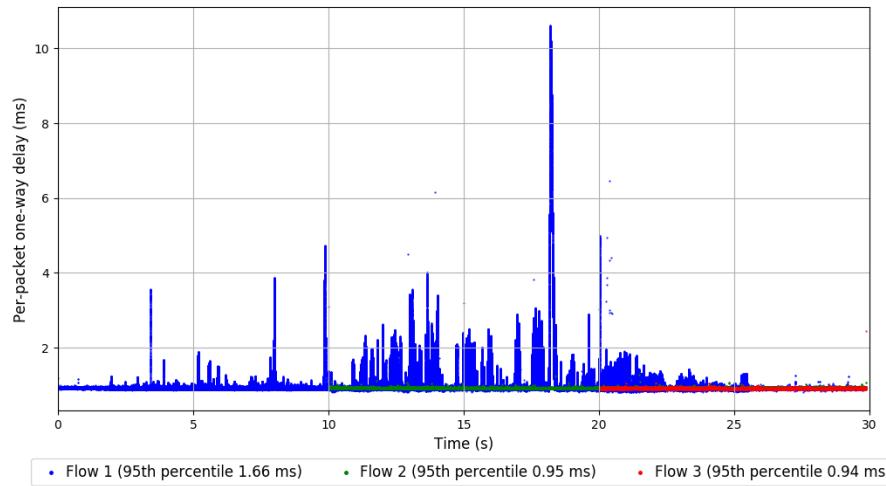
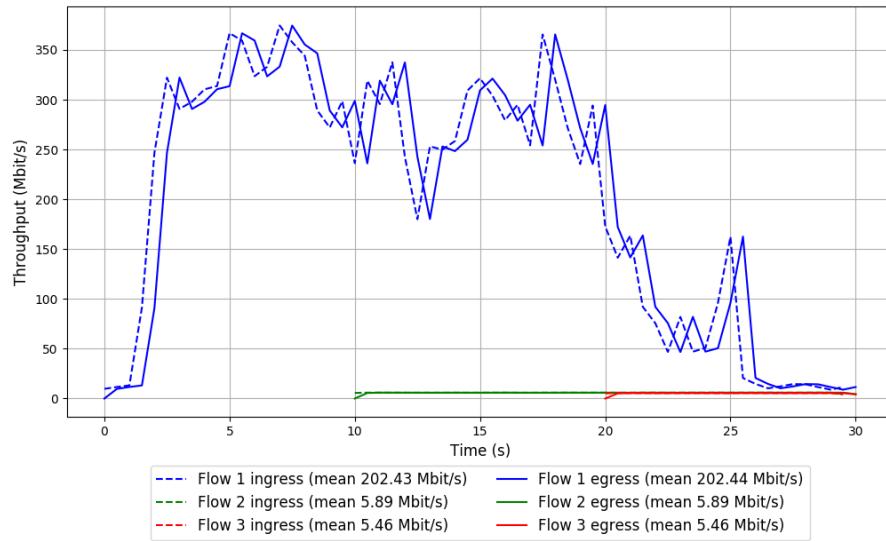


Run 3: Statistics of PCC-Expr

```
Start at: 2019-08-27 12:52:27
End at: 2019-08-27 12:52:57
Local clock offset: -0.348 ms
Remote clock offset: 1.246 ms

# Below is generated by plot.py at 2019-08-27 15:18:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 208.14 Mbit/s
95th percentile per-packet one-way delay: 1.644 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 202.44 Mbit/s
95th percentile per-packet one-way delay: 1.660 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 5.89 Mbit/s
95th percentile per-packet one-way delay: 0.946 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 5.46 Mbit/s
95th percentile per-packet one-way delay: 0.935 ms
Loss rate: 0.00%
```

Run 3: Report of PCC-Expr — Data Link

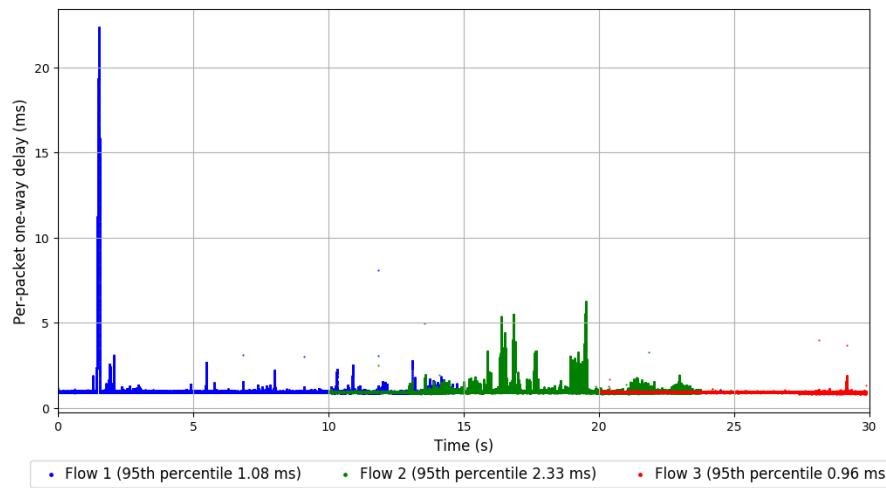
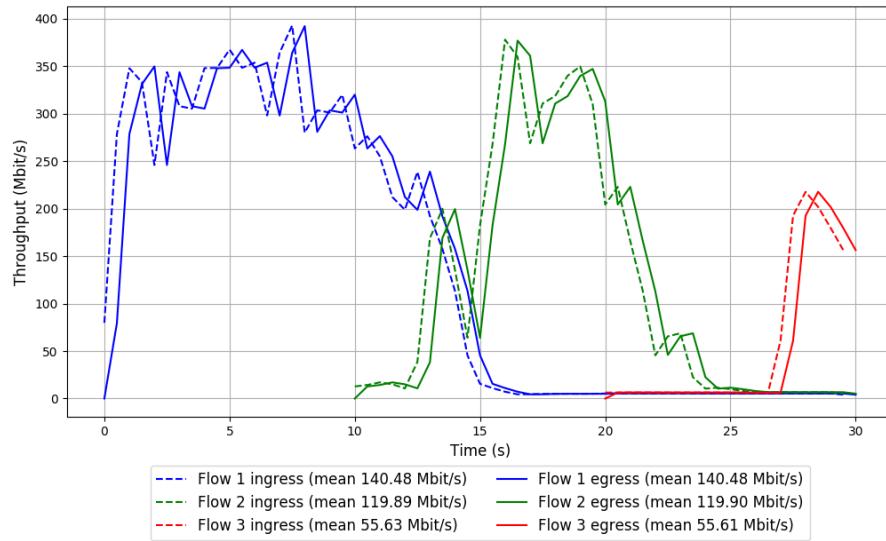


Run 4: Statistics of PCC-Expr

```
Start at: 2019-08-27 13:26:45
End at: 2019-08-27 13:27:15
Local clock offset: -0.229 ms
Remote clock offset: -1.303 ms

# Below is generated by plot.py at 2019-08-27 15:18:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 238.56 Mbit/s
95th percentile per-packet one-way delay: 1.515 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 140.48 Mbit/s
95th percentile per-packet one-way delay: 1.085 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 119.90 Mbit/s
95th percentile per-packet one-way delay: 2.326 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 55.61 Mbit/s
95th percentile per-packet one-way delay: 0.957 ms
Loss rate: 0.06%
```

Run 4: Report of PCC-Expr — Data Link

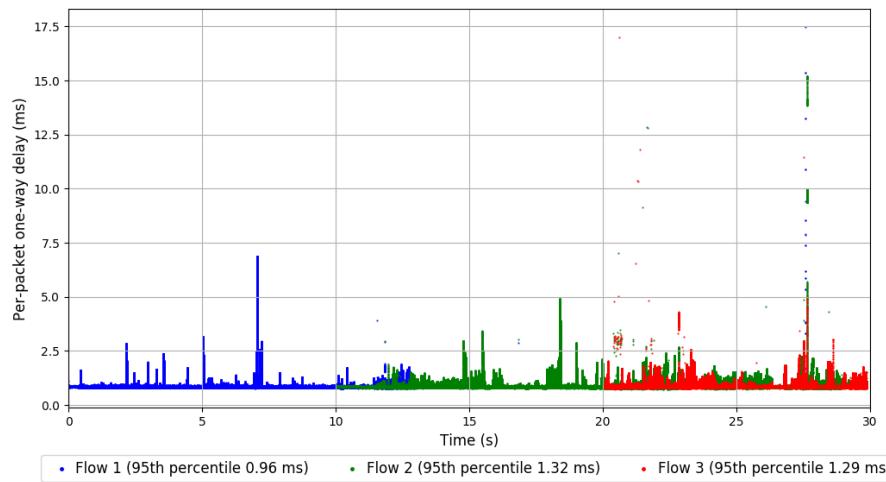
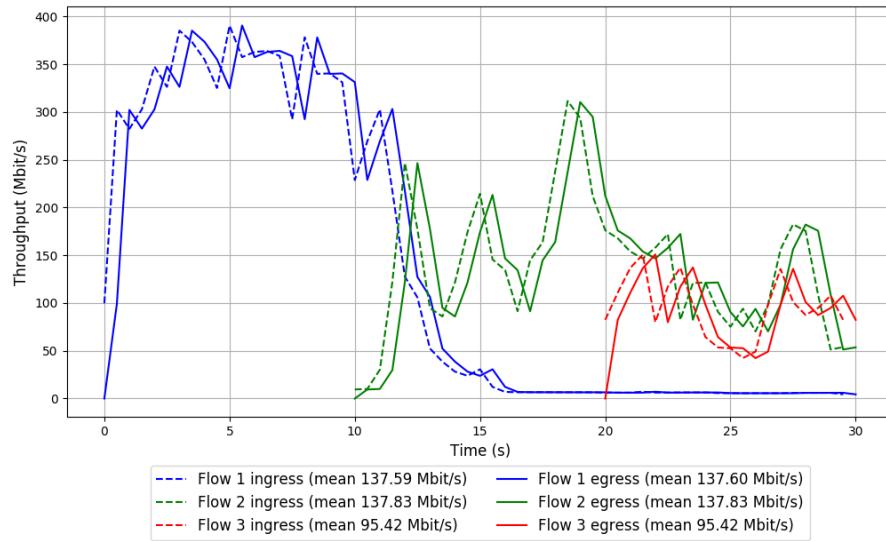


Run 5: Statistics of PCC-Expr

```
Start at: 2019-08-27 14:01:01
End at: 2019-08-27 14:01:31
Local clock offset: -0.085 ms
Remote clock offset: -1.191 ms

# Below is generated by plot.py at 2019-08-27 15:19:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 260.72 Mbit/s
95th percentile per-packet one-way delay: 1.167 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 137.60 Mbit/s
95th percentile per-packet one-way delay: 0.957 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 137.83 Mbit/s
95th percentile per-packet one-way delay: 1.317 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 95.42 Mbit/s
95th percentile per-packet one-way delay: 1.293 ms
Loss rate: 0.01%
```

Run 5: Report of PCC-Expr — Data Link

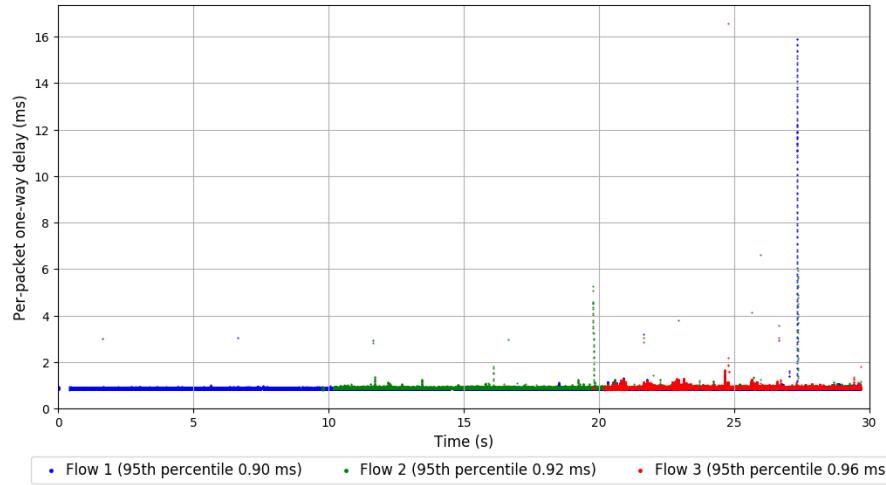
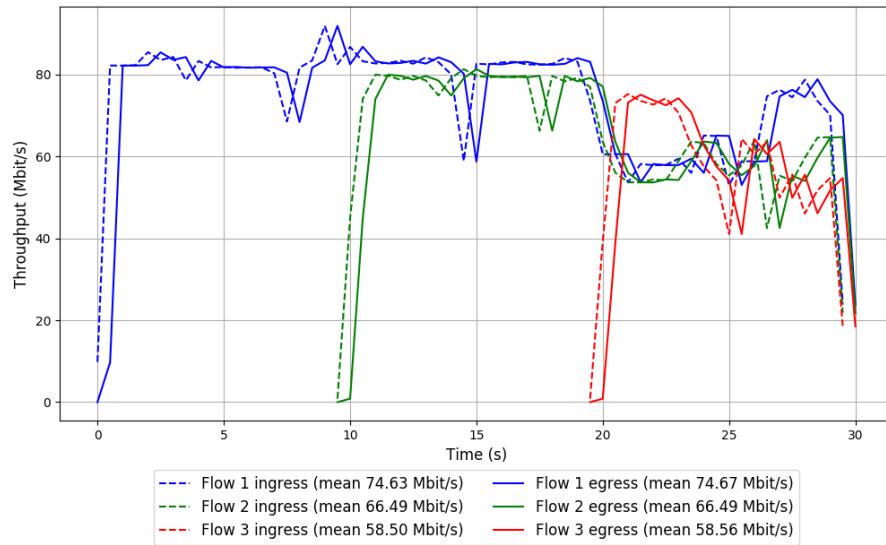


```
Run 1: Statistics of QUIC Cubic

Start at: 2019-08-27 11:45:32
End at: 2019-08-27 11:46:02
Local clock offset: -0.325 ms
Remote clock offset: 0.051 ms

# Below is generated by plot.py at 2019-08-27 15:19:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 138.82 Mbit/s
95th percentile per-packet one-way delay: 0.918 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 74.67 Mbit/s
95th percentile per-packet one-way delay: 0.899 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 66.49 Mbit/s
95th percentile per-packet one-way delay: 0.922 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 58.56 Mbit/s
95th percentile per-packet one-way delay: 0.956 ms
Loss rate: 0.02%
```

## Run 1: Report of QUIC Cubic — Data Link

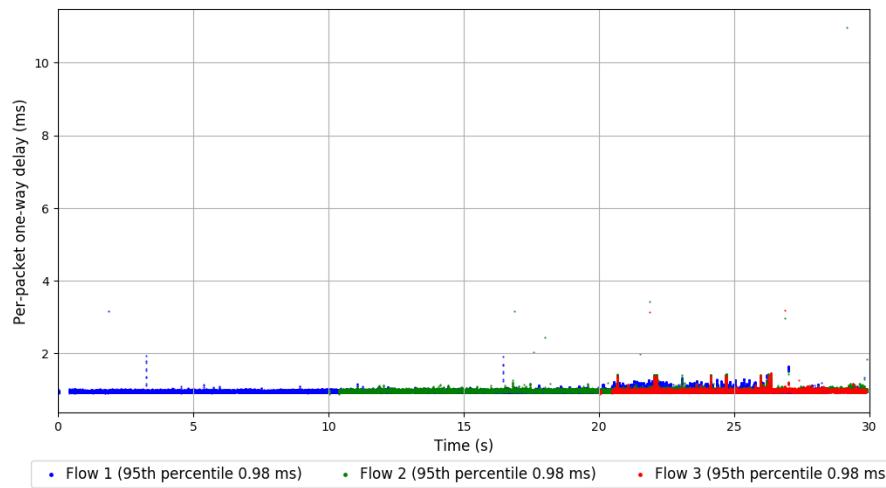
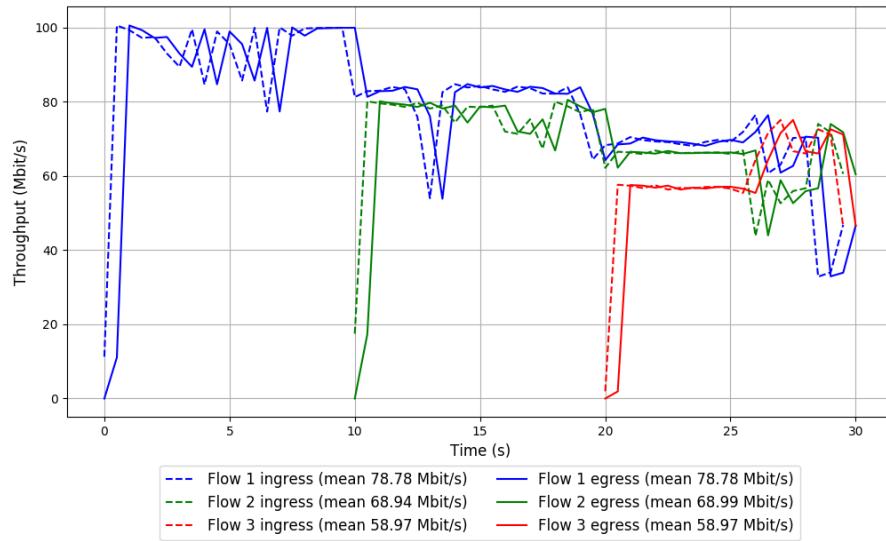


Run 2: Statistics of QUIC Cubic

```
Start at: 2019-08-27 12:19:38
End at: 2019-08-27 12:20:08
Local clock offset: -0.322 ms
Remote clock offset: 2.527 ms

# Below is generated by plot.py at 2019-08-27 15:19:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 144.08 Mbit/s
95th percentile per-packet one-way delay: 0.983 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 78.78 Mbit/s
95th percentile per-packet one-way delay: 0.981 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 68.99 Mbit/s
95th percentile per-packet one-way delay: 0.985 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 58.97 Mbit/s
95th percentile per-packet one-way delay: 0.981 ms
Loss rate: 0.00%
```

Run 2: Report of QUIC Cubic — Data Link

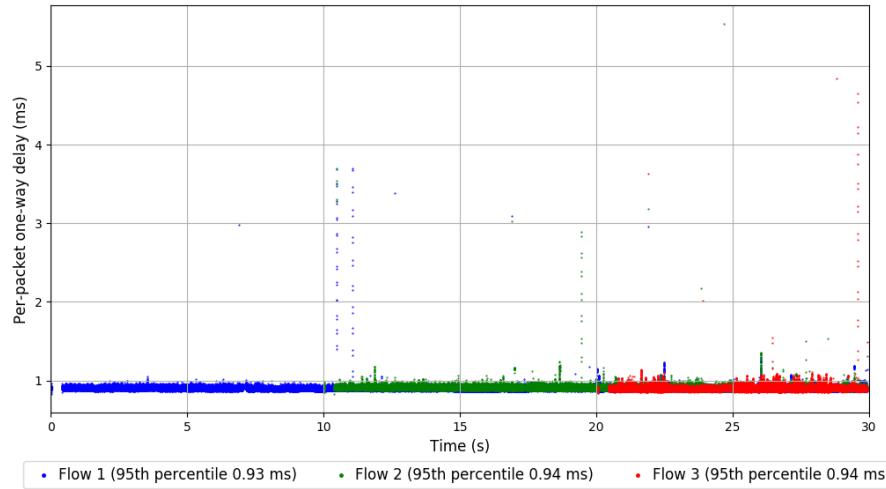
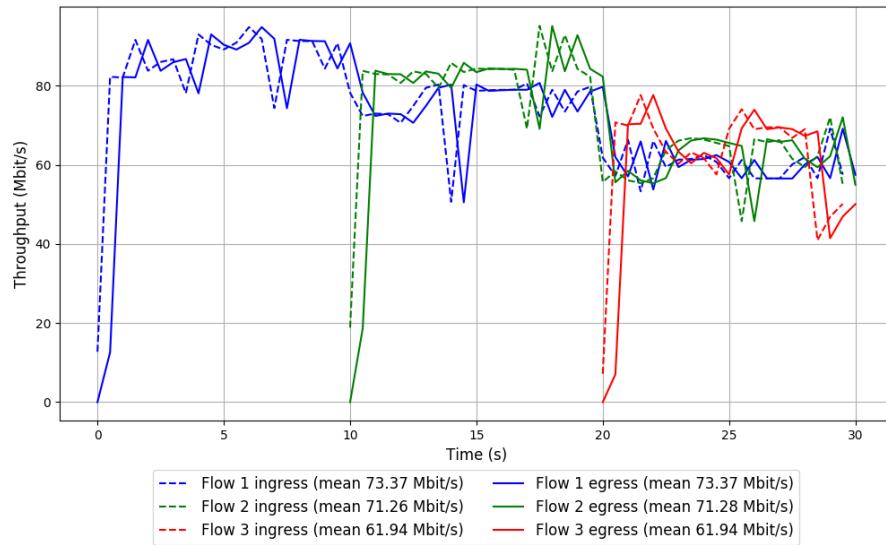


Run 3: Statistics of QUIC Cubic

```
Start at: 2019-08-27 12:53:54
End at: 2019-08-27 12:54:24
Local clock offset: -0.34 ms
Remote clock offset: 1.238 ms

# Below is generated by plot.py at 2019-08-27 15:19:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 141.26 Mbit/s
95th percentile per-packet one-way delay: 0.932 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 73.37 Mbit/s
95th percentile per-packet one-way delay: 0.927 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 71.28 Mbit/s
95th percentile per-packet one-way delay: 0.937 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 61.94 Mbit/s
95th percentile per-packet one-way delay: 0.938 ms
Loss rate: 0.02%
```

Run 3: Report of QUIC Cubic — Data Link

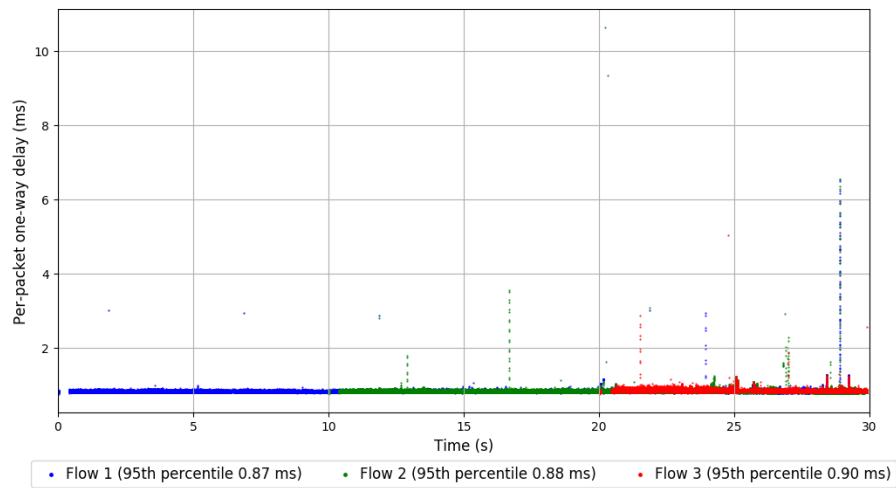
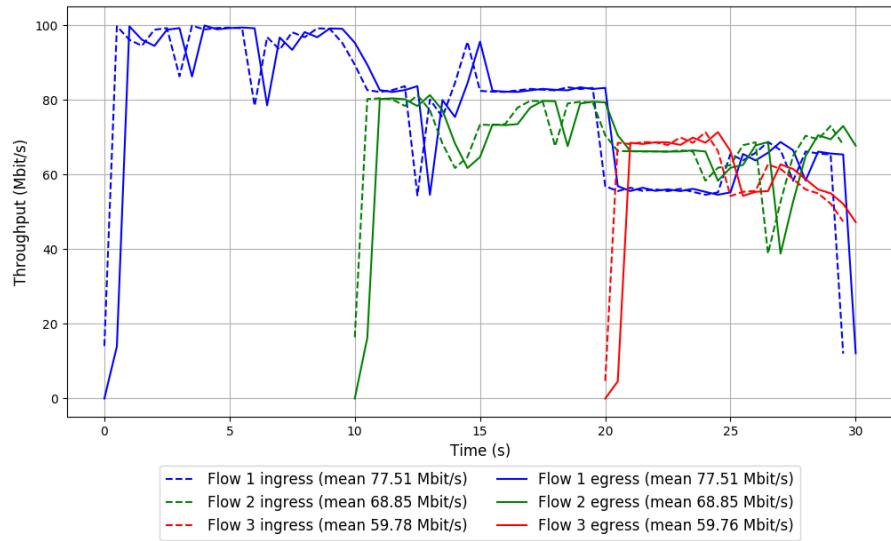


Run 4: Statistics of QUIC Cubic

```
Start at: 2019-08-27 13:28:14
End at: 2019-08-27 13:28:44
Local clock offset: -0.232 ms
Remote clock offset: -1.289 ms

# Below is generated by plot.py at 2019-08-27 15:19:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 142.99 Mbit/s
95th percentile per-packet one-way delay: 0.875 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 77.51 Mbit/s
95th percentile per-packet one-way delay: 0.867 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 68.85 Mbit/s
95th percentile per-packet one-way delay: 0.875 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 59.76 Mbit/s
95th percentile per-packet one-way delay: 0.898 ms
Loss rate: 0.02%
```

Run 4: Report of QUIC Cubic — Data Link

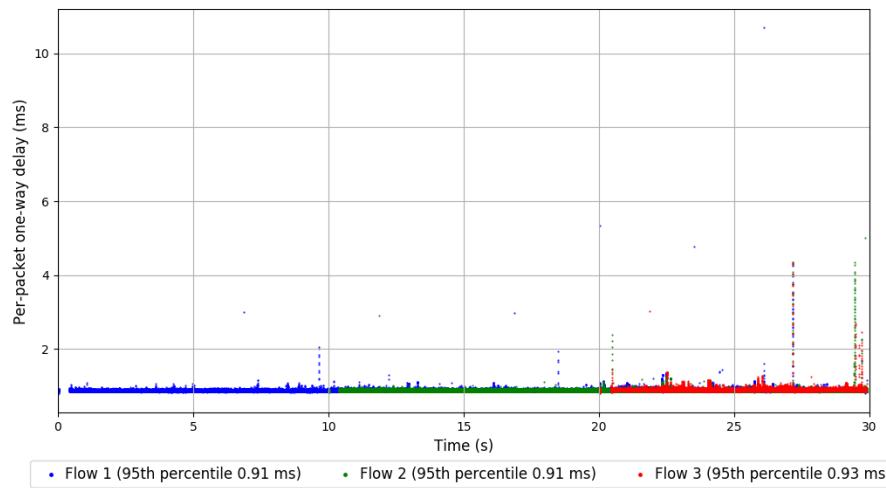
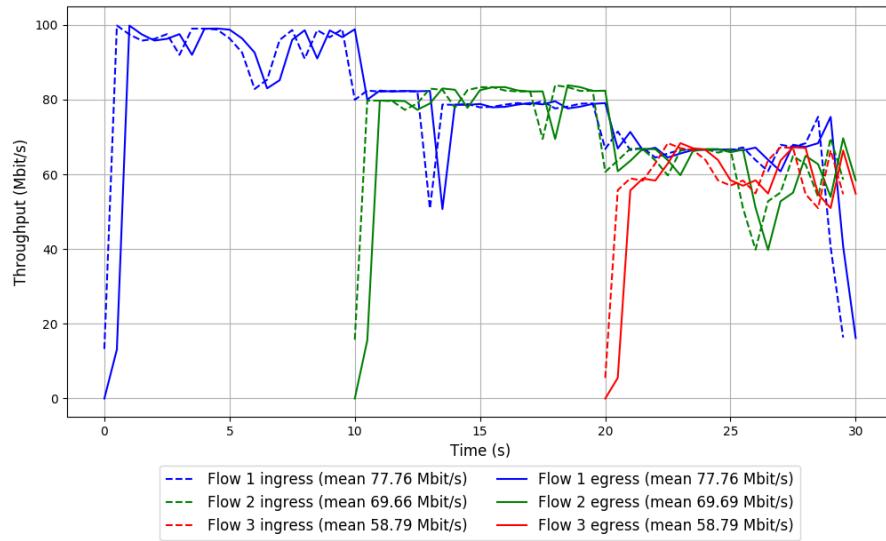


Run 5: Statistics of QUIC Cubic

```
Start at: 2019-08-27 14:02:31
End at: 2019-08-27 14:03:01
Local clock offset: -0.098 ms
Remote clock offset: -1.261 ms

# Below is generated by plot.py at 2019-08-27 15:19:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 143.53 Mbit/s
95th percentile per-packet one-way delay: 0.912 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 77.76 Mbit/s
95th percentile per-packet one-way delay: 0.906 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 69.69 Mbit/s
95th percentile per-packet one-way delay: 0.910 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 58.79 Mbit/s
95th percentile per-packet one-way delay: 0.930 ms
Loss rate: 0.00%
```

Run 5: Report of QUIC Cubic — Data Link

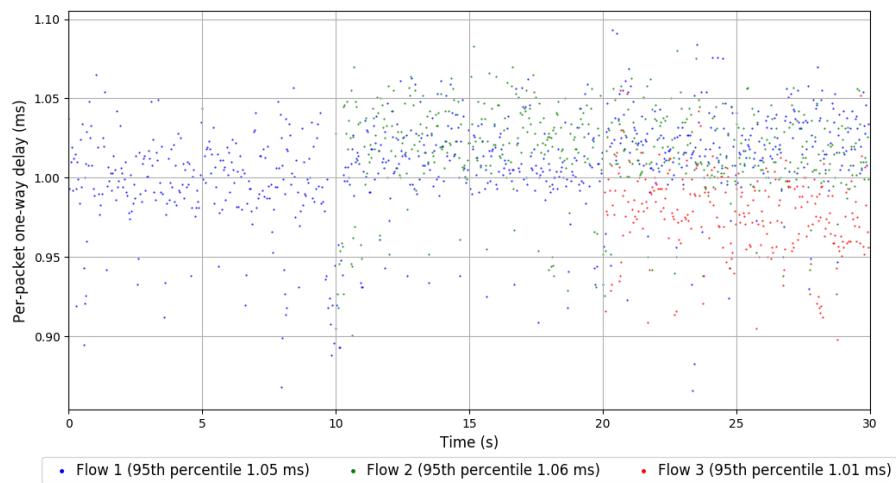
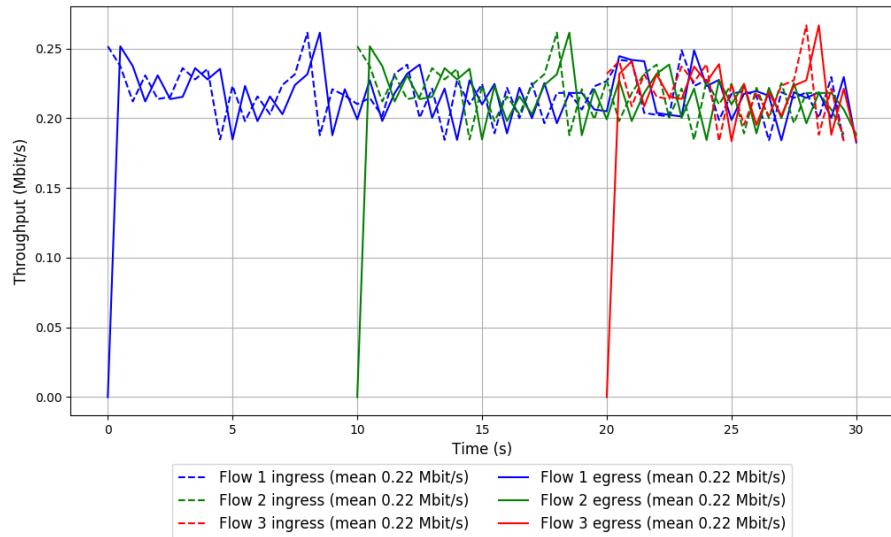


Run 1: Statistics of SCReAM

```
Start at: 2019-08-27 11:42:47
End at: 2019-08-27 11:43:17
Local clock offset: -0.34 ms
Remote clock offset: -0.024 ms

# Below is generated by plot.py at 2019-08-27 15:19:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 1.052 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.051 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.056 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.013 ms
Loss rate: 0.00%
```

## Run 1: Report of SCReAM — Data Link

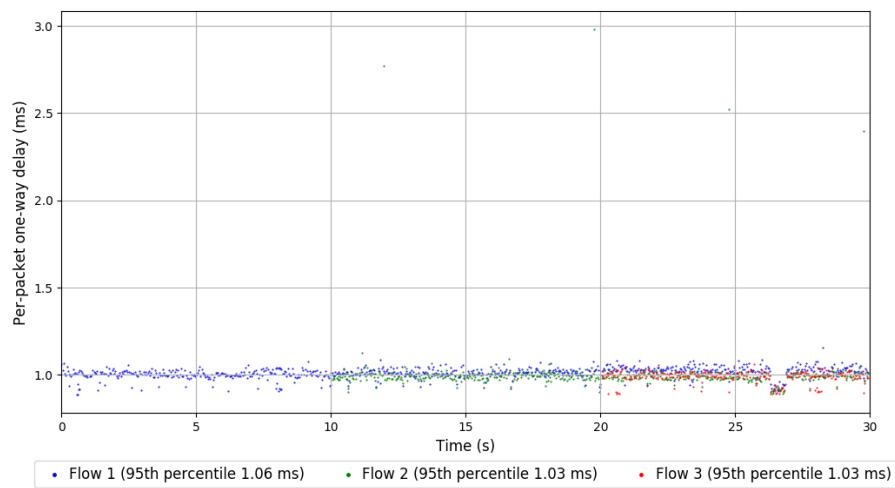
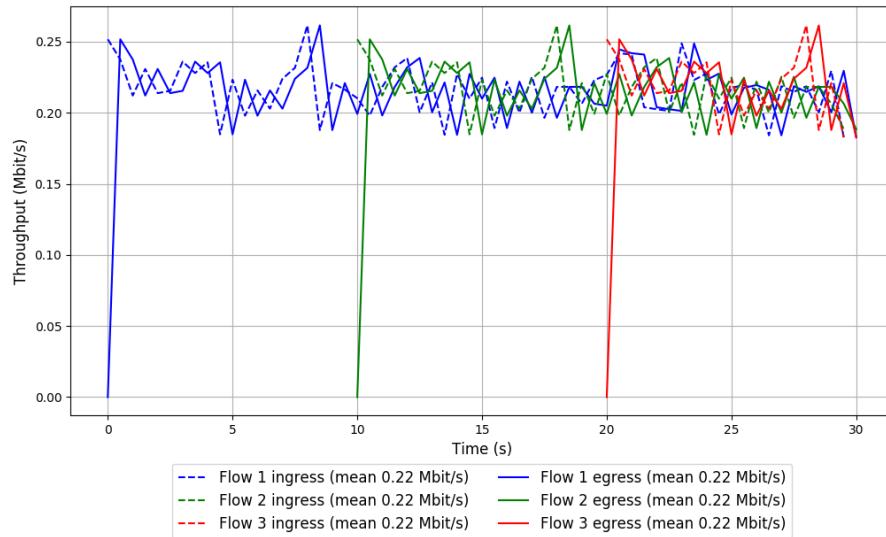


Run 2: Statistics of SCReAM

```
Start at: 2019-08-27 12:17:01
End at: 2019-08-27 12:17:31
Local clock offset: -0.317 ms
Remote clock offset: 2.524 ms

# Below is generated by plot.py at 2019-08-27 15:19:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 1.047 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.058 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.026 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.027 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

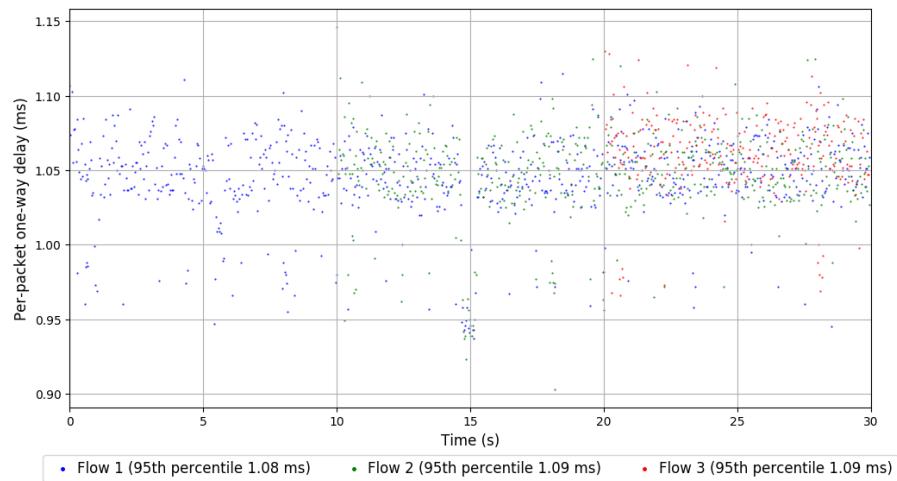
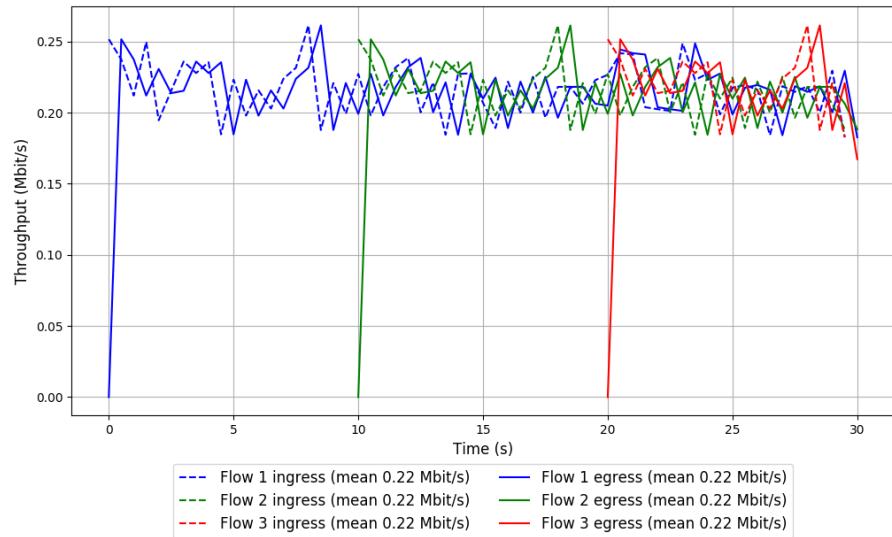


Run 3: Statistics of SCReAM

```
Start at: 2019-08-27 12:51:12
End at: 2019-08-27 12:51:42
Local clock offset: -0.328 ms
Remote clock offset: 1.246 ms

# Below is generated by plot.py at 2019-08-27 15:19:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 1.086 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.082 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.086 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.094 ms
Loss rate: 0.35%
```

Run 3: Report of SCReAM — Data Link

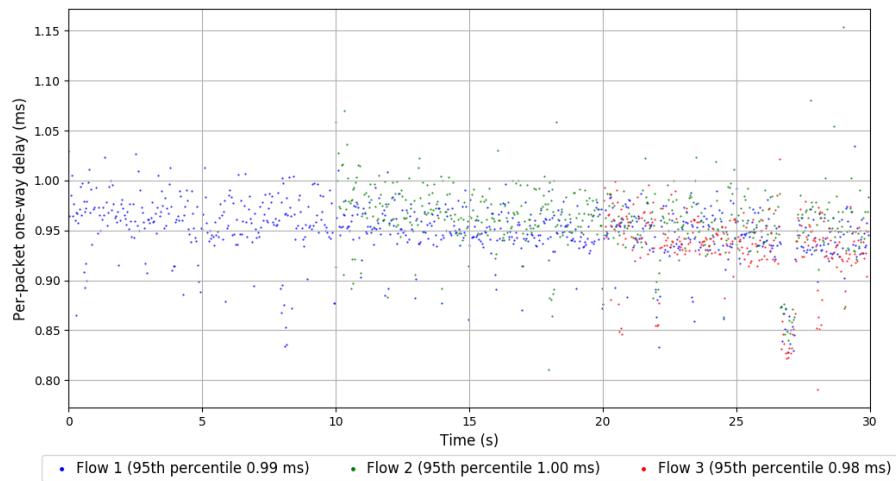
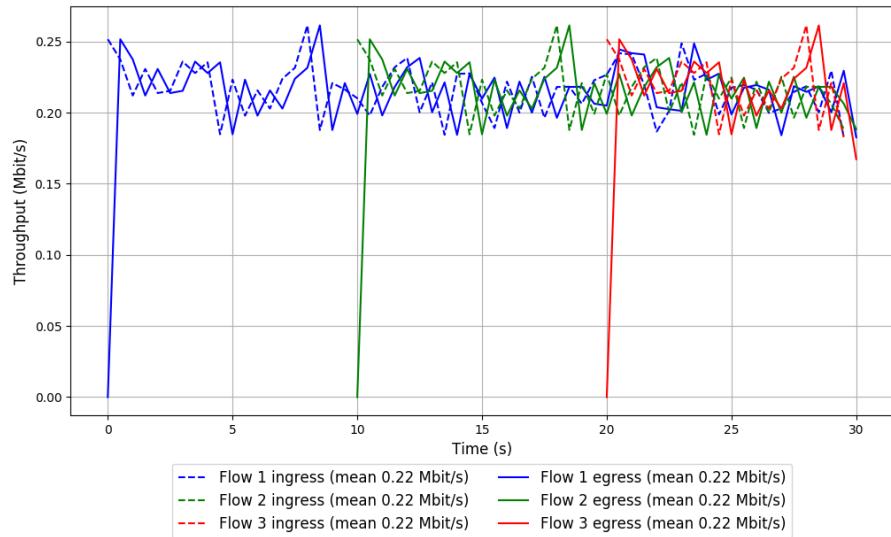


Run 4: Statistics of SCReAM

```
Start at: 2019-08-27 13:25:30
End at: 2019-08-27 13:26:00
Local clock offset: -0.237 ms
Remote clock offset: -1.146 ms

# Below is generated by plot.py at 2019-08-27 15:19:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 0.995 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.990 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.002 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.978 ms
Loss rate: 0.35%
```

Run 4: Report of SCReAM — Data Link

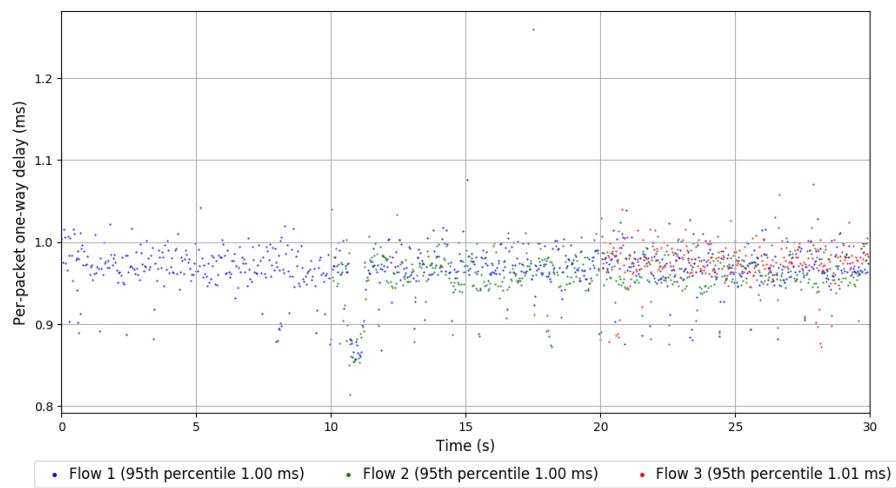
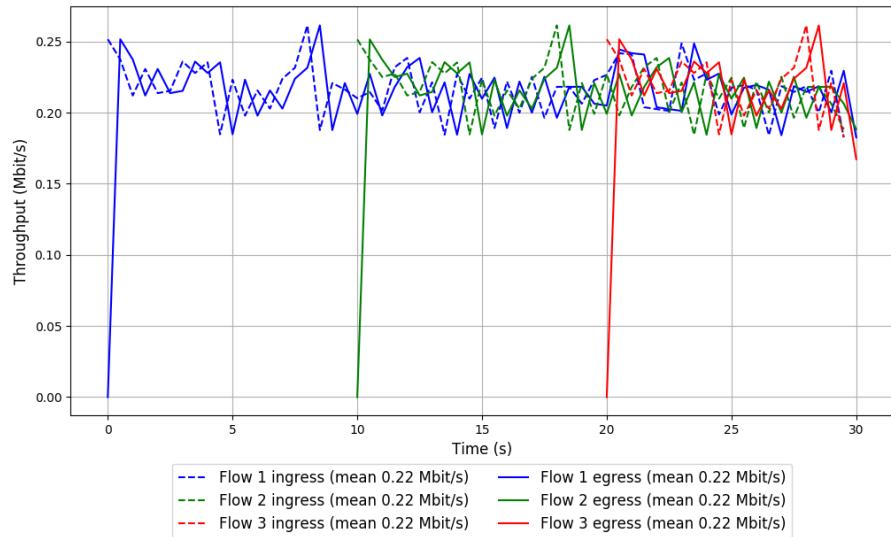


Run 5: Statistics of SCReAM

```
Start at: 2019-08-27 13:59:46
End at: 2019-08-27 14:00:16
Local clock offset: -0.092 ms
Remote clock offset: -1.204 ms

# Below is generated by plot.py at 2019-08-27 15:19:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 1.003 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.004 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.996 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.010 ms
Loss rate: 0.35%
```

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

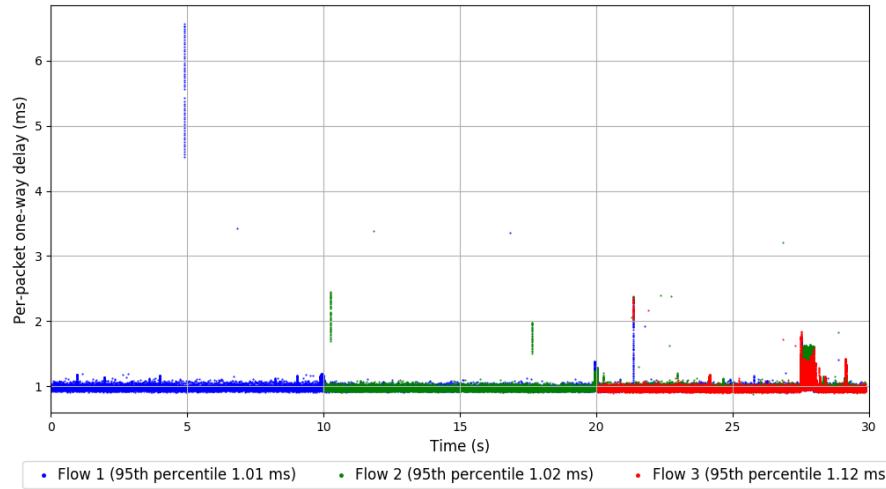
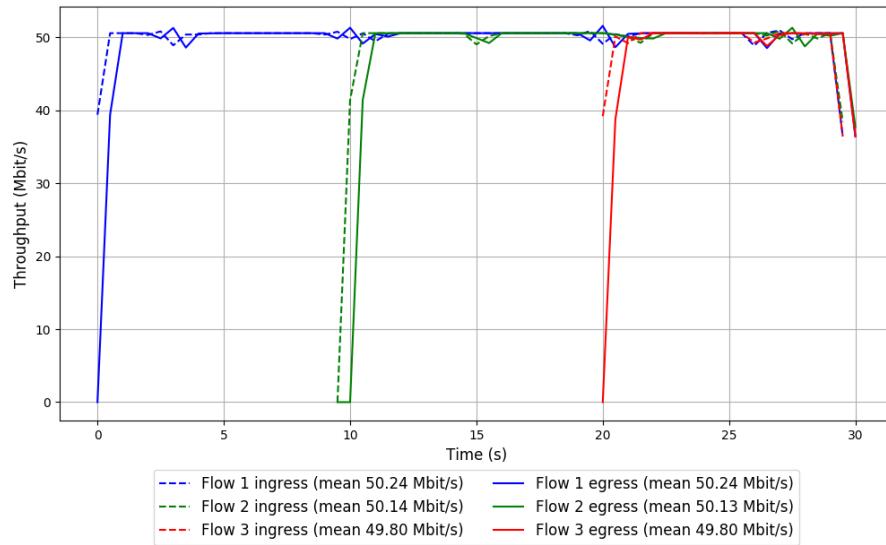


Run 1: Statistics of Sprout

```
Start at: 2019-08-27 11:33:00
End at: 2019-08-27 11:33:30
Local clock offset: -0.376 ms
Remote clock offset: -0.142 ms

# Below is generated by plot.py at 2019-08-27 15:19:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 100.03 Mbit/s
95th percentile per-packet one-way delay: 1.016 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 50.24 Mbit/s
95th percentile per-packet one-way delay: 1.011 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 50.13 Mbit/s
95th percentile per-packet one-way delay: 1.017 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 49.80 Mbit/s
95th percentile per-packet one-way delay: 1.122 ms
Loss rate: 0.00%
```

## Run 1: Report of Sprout — Data Link

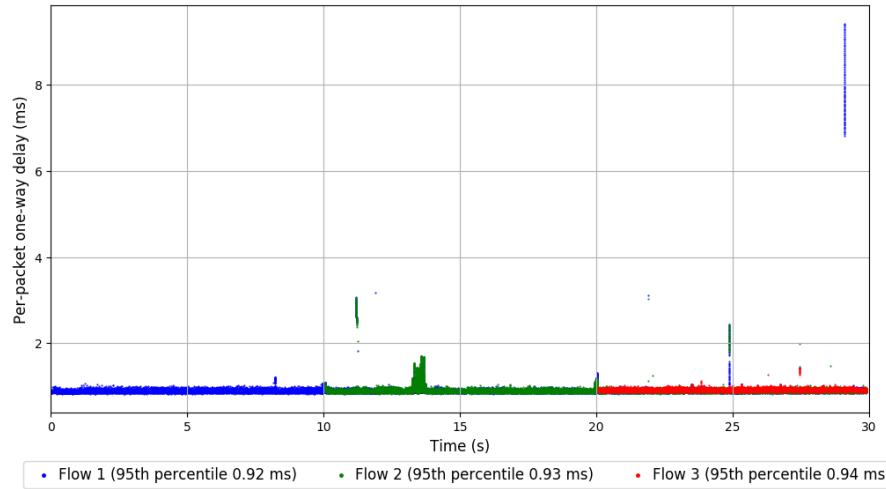
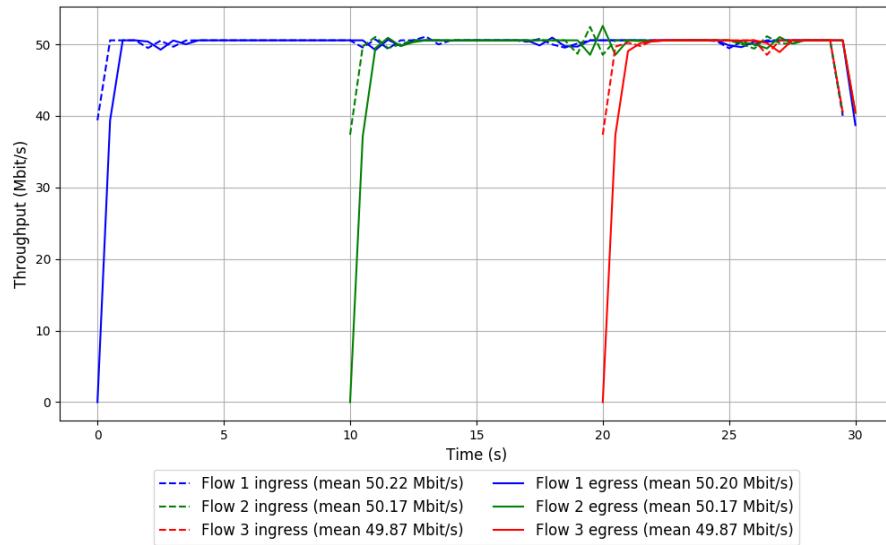


Run 2: Statistics of Sprout

```
Start at: 2019-08-27 12:07:14
End at: 2019-08-27 12:07:44
Local clock offset: -0.311 ms
Remote clock offset: 2.26 ms

# Below is generated by plot.py at 2019-08-27 15:19:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 99.98 Mbit/s
95th percentile per-packet one-way delay: 0.932 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 50.20 Mbit/s
95th percentile per-packet one-way delay: 0.923 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 50.17 Mbit/s
95th percentile per-packet one-way delay: 0.930 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 49.87 Mbit/s
95th percentile per-packet one-way delay: 0.943 ms
Loss rate: 0.00%
```

## Run 2: Report of Sprout — Data Link

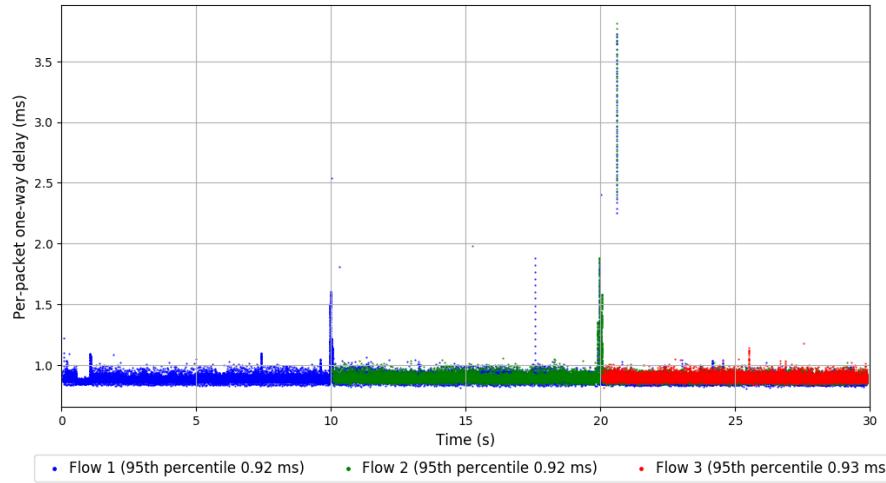
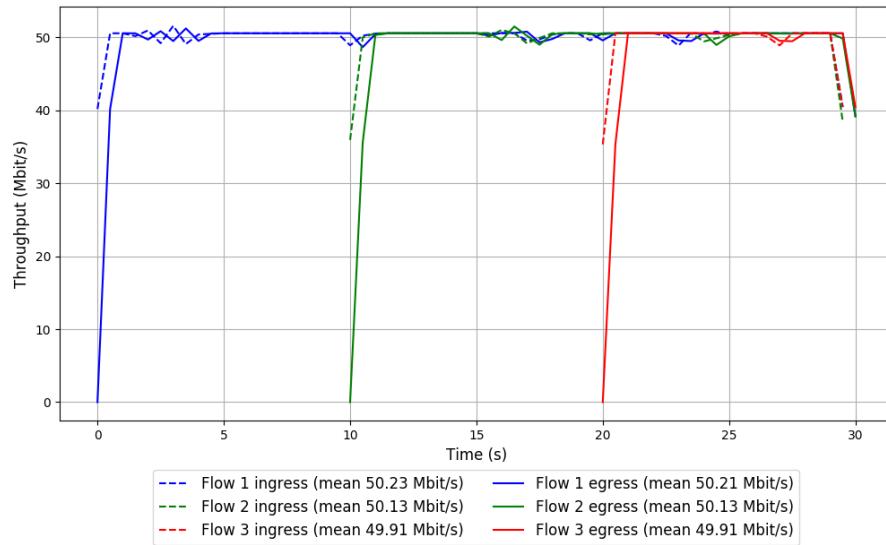


Run 3: Statistics of Sprout

```
Start at: 2019-08-27 12:41:27
End at: 2019-08-27 12:41:57
Local clock offset: -0.366 ms
Remote clock offset: 1.424 ms

# Below is generated by plot.py at 2019-08-27 15:19:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 99.96 Mbit/s
95th percentile per-packet one-way delay: 0.922 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 50.21 Mbit/s
95th percentile per-packet one-way delay: 0.920 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 50.13 Mbit/s
95th percentile per-packet one-way delay: 0.924 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 49.91 Mbit/s
95th percentile per-packet one-way delay: 0.926 ms
Loss rate: 0.00%
```

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

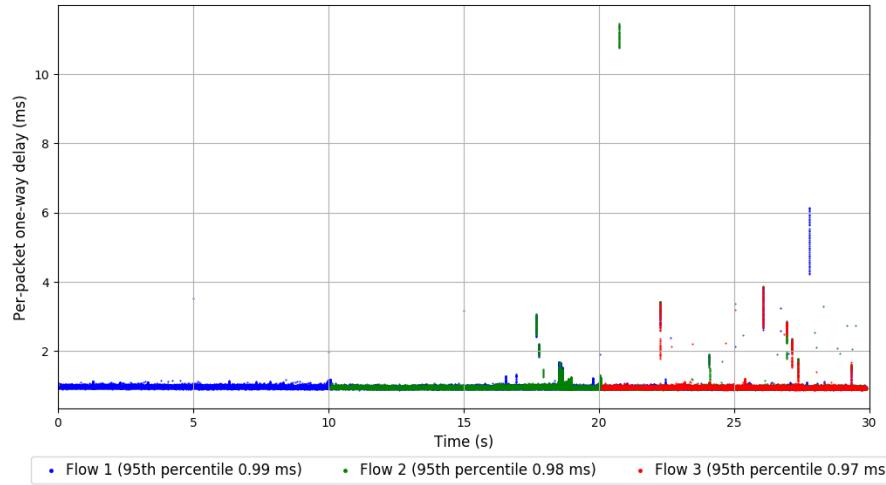
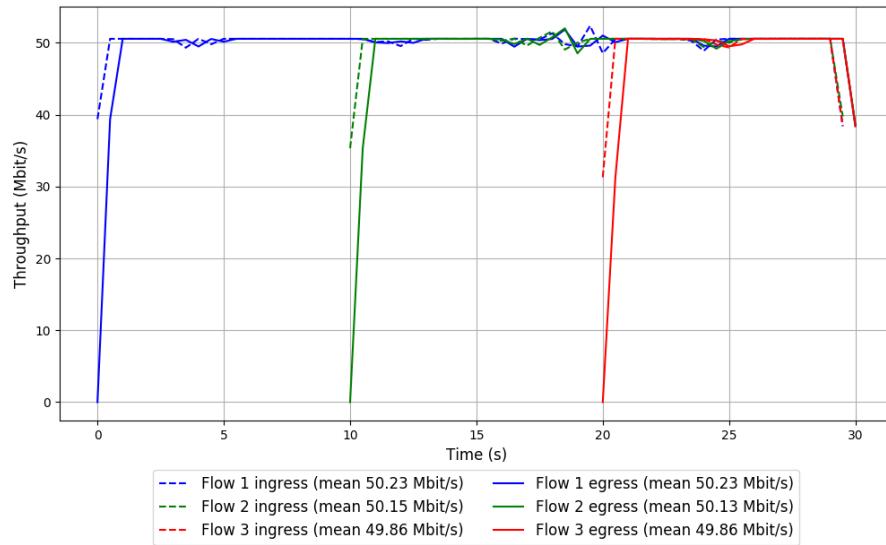


Run 4: Statistics of Sprout

```
Start at: 2019-08-27 13:15:39
End at: 2019-08-27 13:16:09
Local clock offset: -0.256 ms
Remote clock offset: -0.68 ms

# Below is generated by plot.py at 2019-08-27 15:19:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 99.86 Mbit/s
95th percentile per-packet one-way delay: 0.989 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 50.23 Mbit/s
95th percentile per-packet one-way delay: 0.994 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 50.13 Mbit/s
95th percentile per-packet one-way delay: 0.982 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 49.86 Mbit/s
95th percentile per-packet one-way delay: 0.975 ms
Loss rate: 0.00%
```

## Run 4: Report of Sprout — Data Link

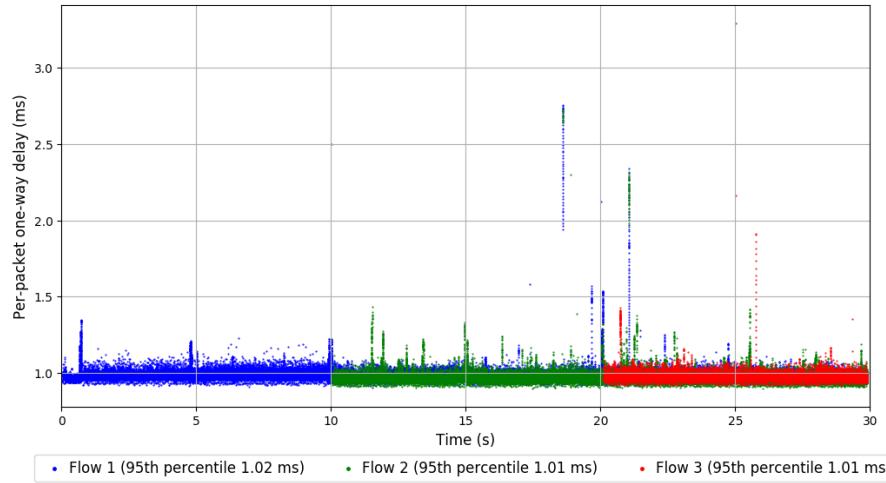
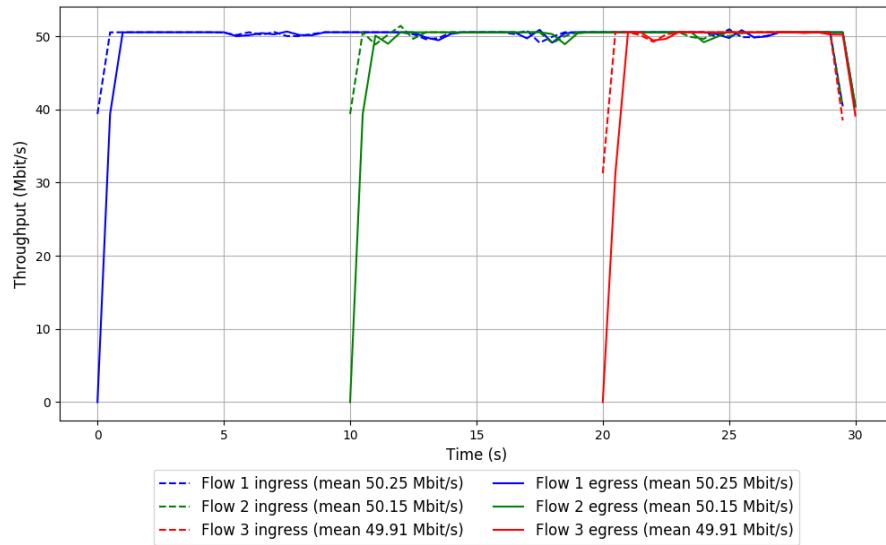


Run 5: Statistics of Sprout

```
Start at: 2019-08-27 13:49:57
End at: 2019-08-27 13:50:27
Local clock offset: -0.156 ms
Remote clock offset: -1.238 ms

# Below is generated by plot.py at 2019-08-27 15:19:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 99.95 Mbit/s
95th percentile per-packet one-way delay: 1.016 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.25 Mbit/s
95th percentile per-packet one-way delay: 1.020 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 50.15 Mbit/s
95th percentile per-packet one-way delay: 1.007 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 49.91 Mbit/s
95th percentile per-packet one-way delay: 1.010 ms
Loss rate: 0.00%
```

## Run 5: Report of Sprout — Data Link

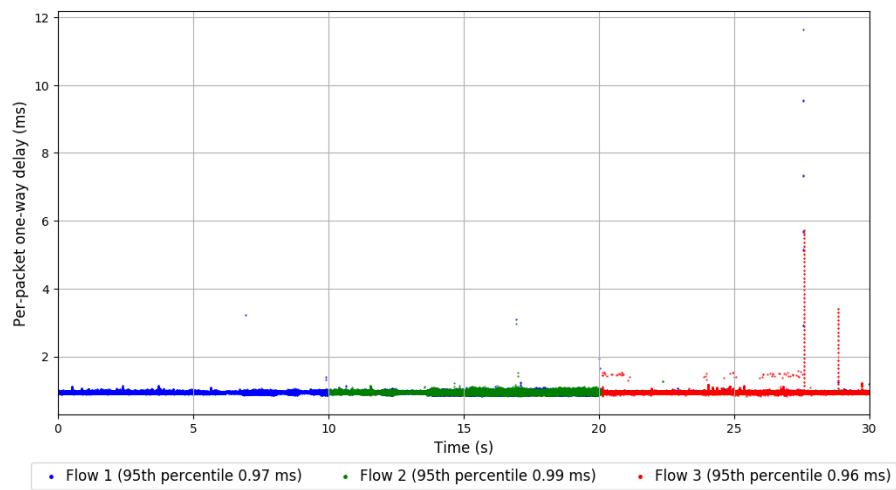
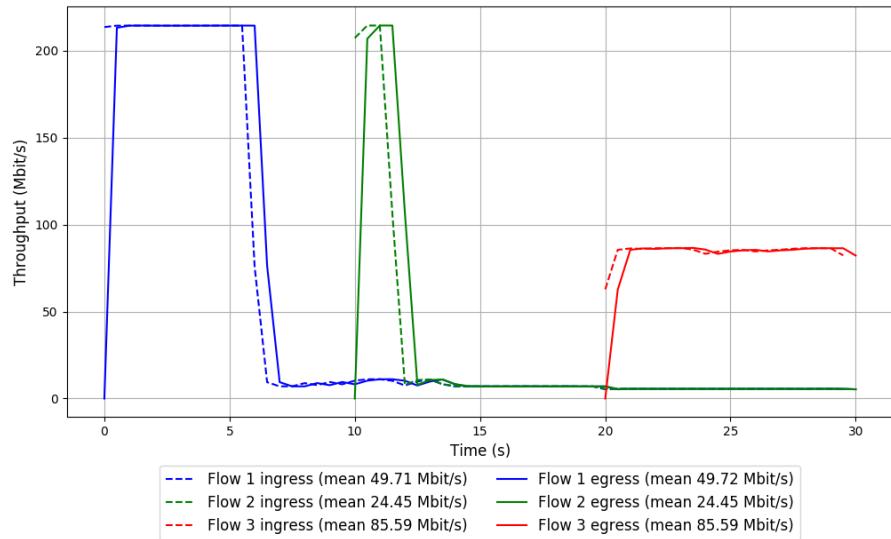


Run 1: Statistics of TaoVA-100x

```
Start at: 2019-08-27 11:46:51
End at: 2019-08-27 11:47:21
Local clock offset: -0.317 ms
Remote clock offset: 0.033 ms

# Below is generated by plot.py at 2019-08-27 15:20:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.14 Mbit/s
95th percentile per-packet one-way delay: 0.969 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 49.72 Mbit/s
95th percentile per-packet one-way delay: 0.966 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.45 Mbit/s
95th percentile per-packet one-way delay: 0.987 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 85.59 Mbit/s
95th percentile per-packet one-way delay: 0.962 ms
Loss rate: 0.02%
```

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

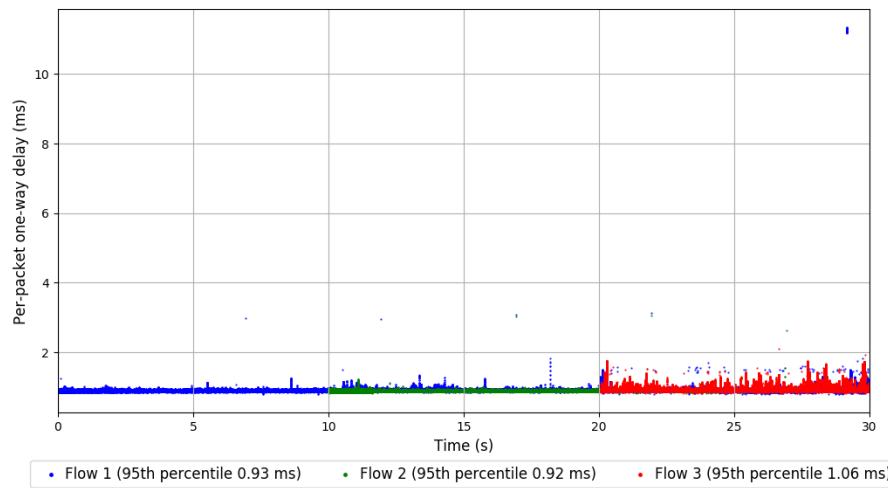
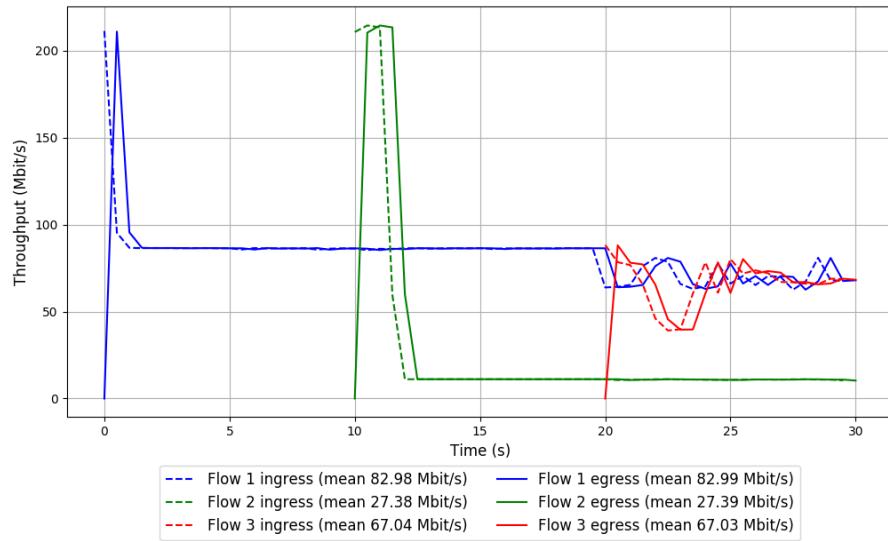


Run 2: Statistics of TaoVA-100x

```
Start at: 2019-08-27 12:20:57
End at: 2019-08-27 12:21:27
Local clock offset: -0.328 ms
Remote clock offset: 2.602 ms

# Below is generated by plot.py at 2019-08-27 15:20:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 123.48 Mbit/s
95th percentile per-packet one-way delay: 0.940 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 82.99 Mbit/s
95th percentile per-packet one-way delay: 0.928 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 27.39 Mbit/s
95th percentile per-packet one-way delay: 0.920 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 67.03 Mbit/s
95th percentile per-packet one-way delay: 1.065 ms
Loss rate: 0.04%
```

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

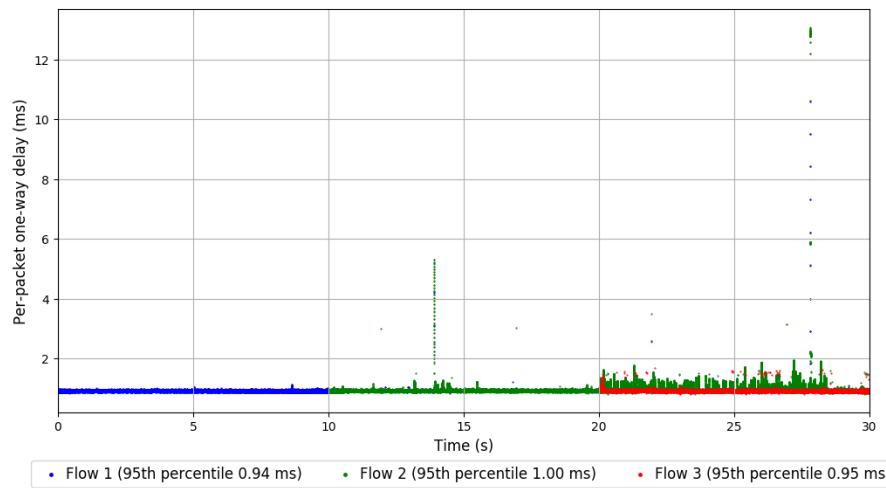
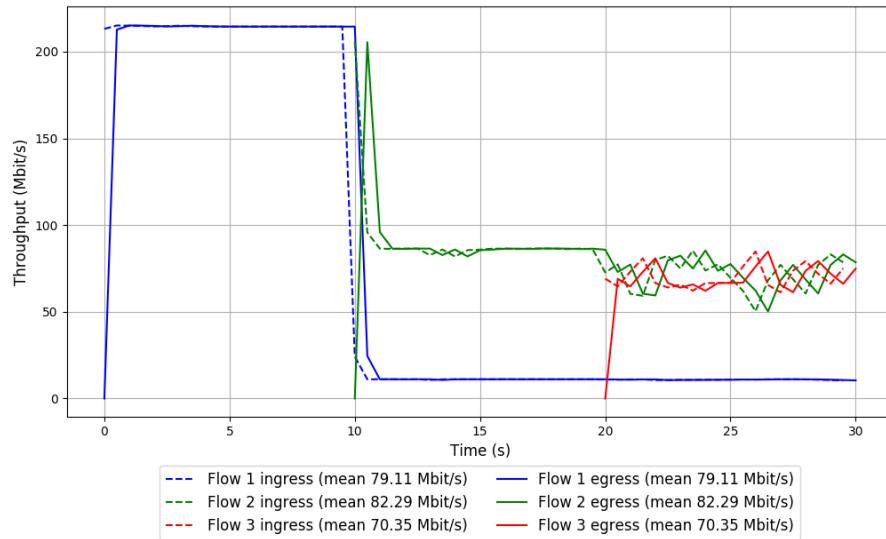


Run 3: Statistics of TaoVA-100x

```
Start at: 2019-08-27 12:55:13
End at: 2019-08-27 12:55:43
Local clock offset: -0.324 ms
Remote clock offset: 1.216 ms

# Below is generated by plot.py at 2019-08-27 15:21:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 157.24 Mbit/s
95th percentile per-packet one-way delay: 0.950 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 79.11 Mbit/s
95th percentile per-packet one-way delay: 0.941 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 82.29 Mbit/s
95th percentile per-packet one-way delay: 0.998 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 70.35 Mbit/s
95th percentile per-packet one-way delay: 0.950 ms
Loss rate: 0.02%
```

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

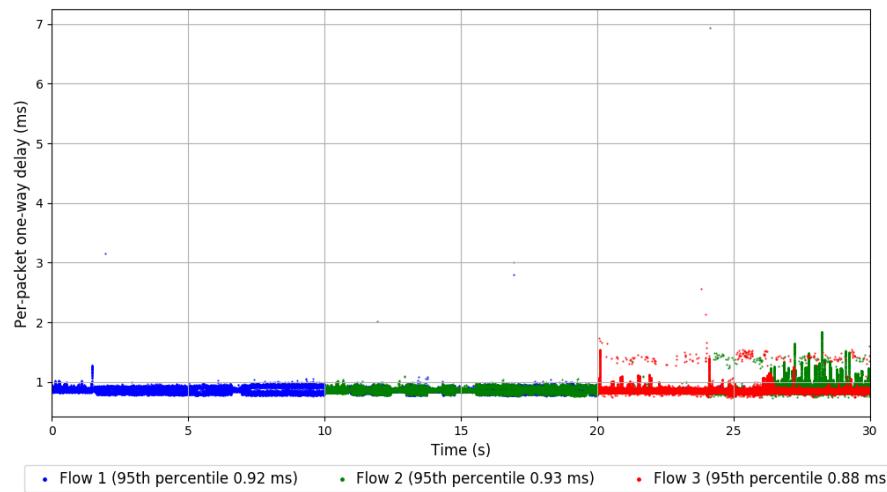
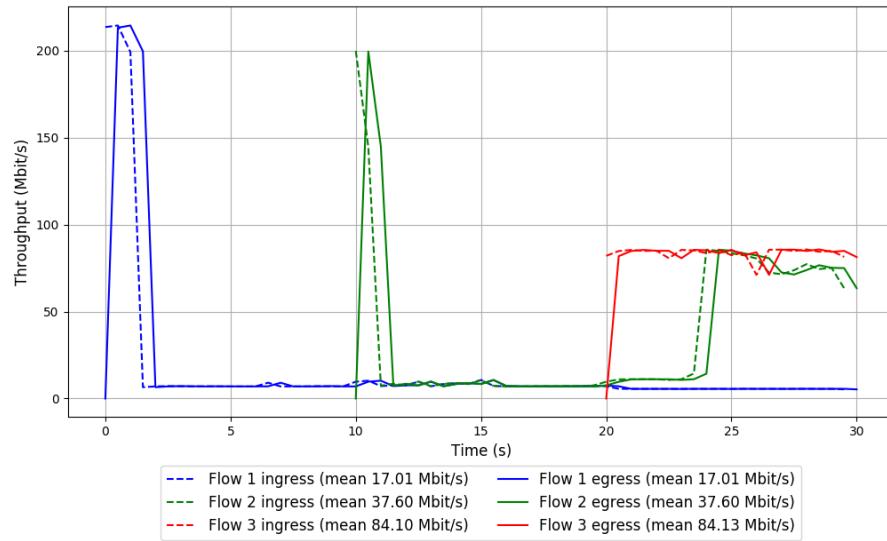


Run 4: Statistics of TaoVA-100x

```
Start at: 2019-08-27 13:29:33
End at: 2019-08-27 13:30:03
Local clock offset: -0.246 ms
Remote clock offset: -1.366 ms

# Below is generated by plot.py at 2019-08-27 15:21:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 69.92 Mbit/s
95th percentile per-packet one-way delay: 0.905 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 17.01 Mbit/s
95th percentile per-packet one-way delay: 0.915 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 37.60 Mbit/s
95th percentile per-packet one-way delay: 0.934 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 84.13 Mbit/s
95th percentile per-packet one-way delay: 0.878 ms
Loss rate: 0.02%
```

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

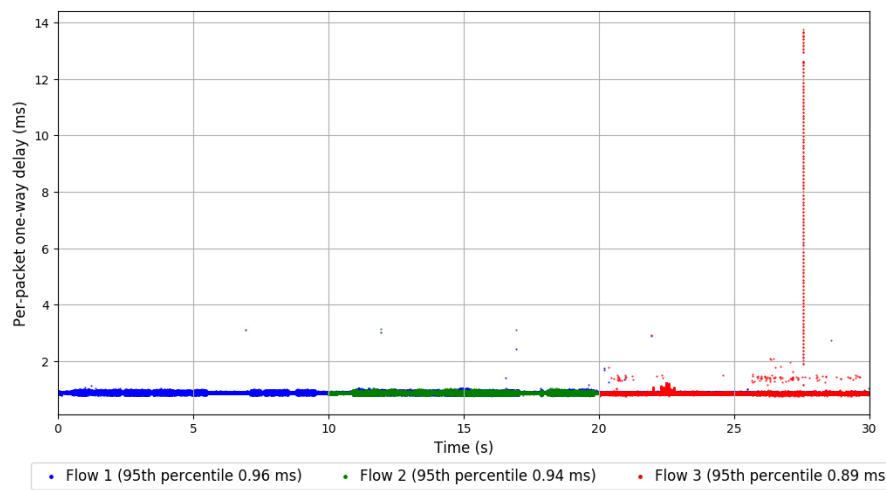
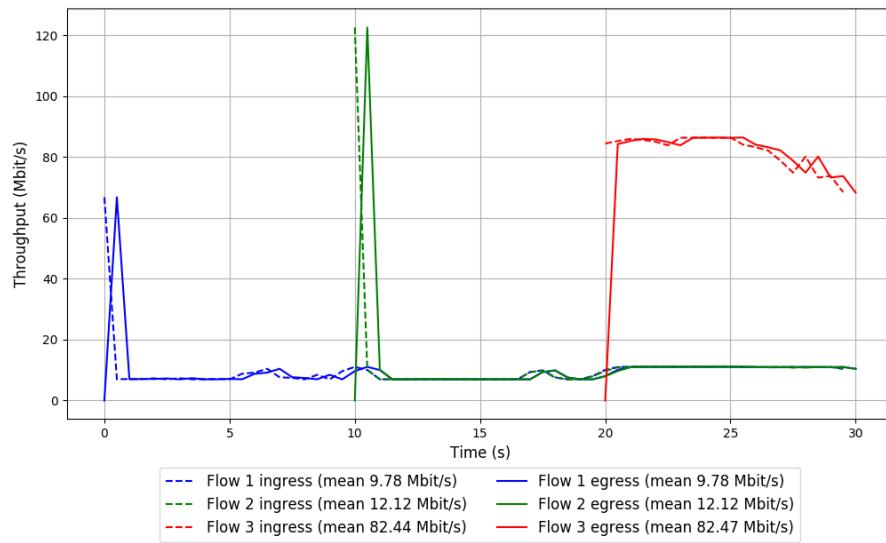


Run 5: Statistics of TaoVA-100x

```
Start at: 2019-08-27 14:03:51
End at: 2019-08-27 14:04:21
Local clock offset: -0.099 ms
Remote clock offset: -1.268 ms

# Below is generated by plot.py at 2019-08-27 15:21:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 45.23 Mbit/s
95th percentile per-packet one-way delay: 0.928 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 9.78 Mbit/s
95th percentile per-packet one-way delay: 0.960 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 12.12 Mbit/s
95th percentile per-packet one-way delay: 0.935 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 82.47 Mbit/s
95th percentile per-packet one-way delay: 0.885 ms
Loss rate: 0.02%
```

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

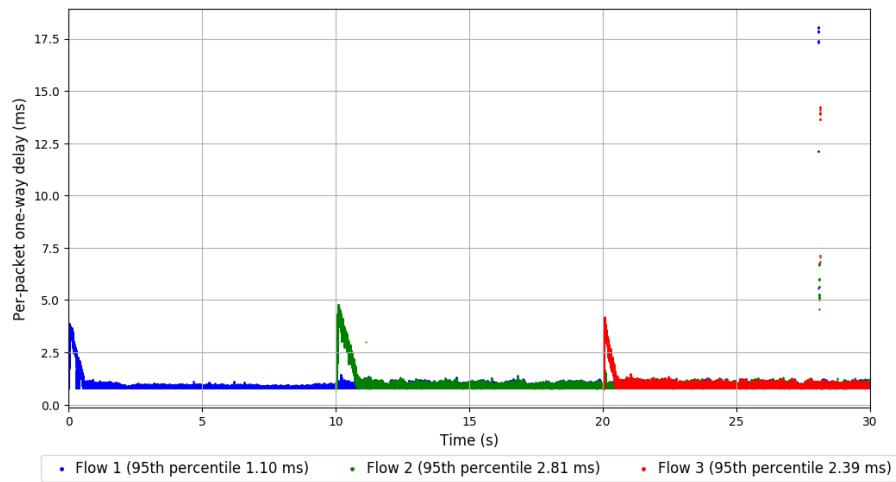
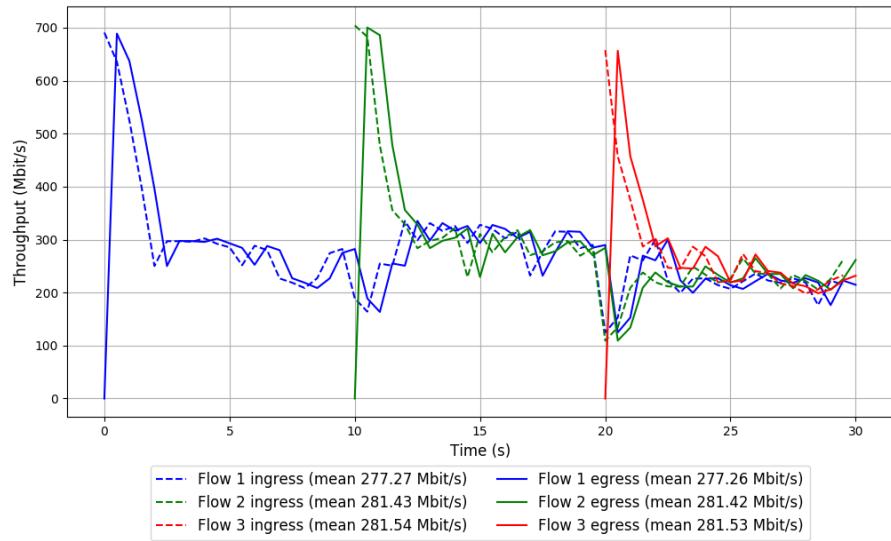


Run 1: Statistics of TCP Vegas

```
Start at: 2019-08-27 11:54:31
End at: 2019-08-27 11:55:01
Local clock offset: -0.262 ms
Remote clock offset: 0.269 ms

# Below is generated by plot.py at 2019-08-27 15:25:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 558.25 Mbit/s
95th percentile per-packet one-way delay: 1.996 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 277.26 Mbit/s
95th percentile per-packet one-way delay: 1.100 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 281.42 Mbit/s
95th percentile per-packet one-way delay: 2.805 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 281.53 Mbit/s
95th percentile per-packet one-way delay: 2.391 ms
Loss rate: 0.02%
```

Run 1: Report of TCP Vegas — Data Link

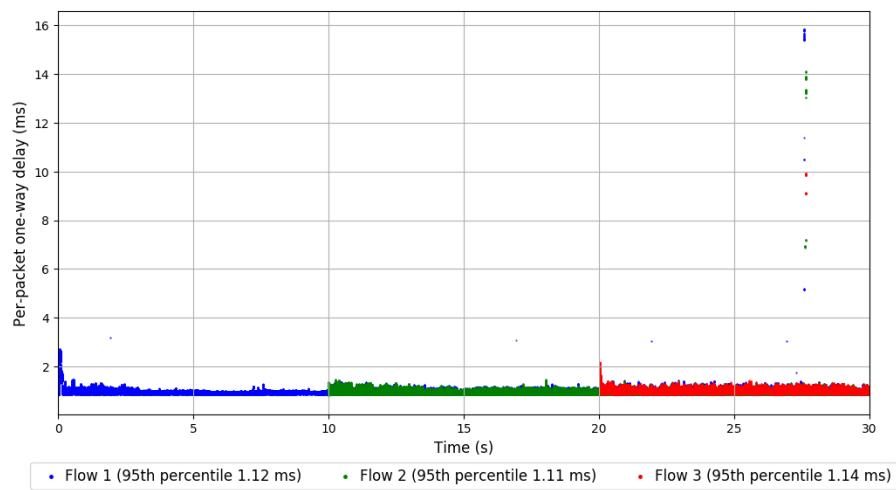
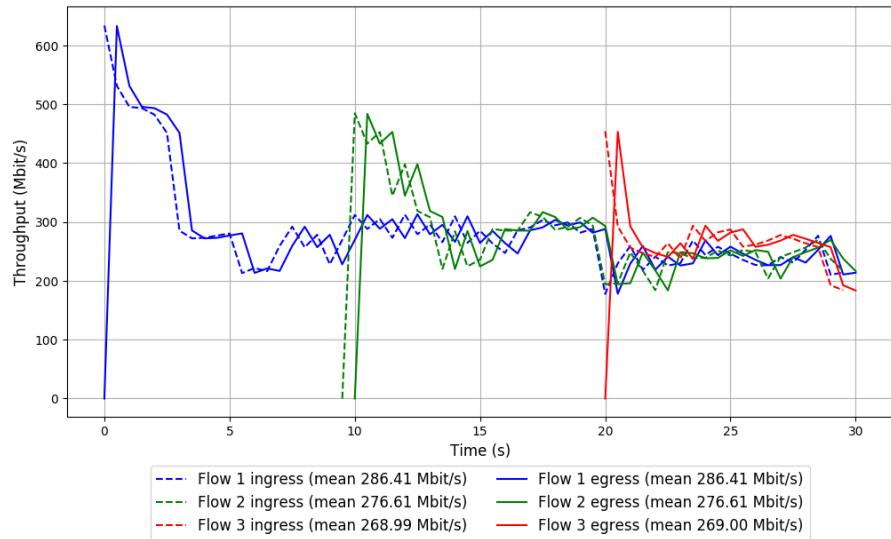


Run 2: Statistics of TCP Vegas

```
Start at: 2019-08-27 12:28:39
End at: 2019-08-27 12:29:09
Local clock offset: -0.343 ms
Remote clock offset: 2.647 ms

# Below is generated by plot.py at 2019-08-27 15:25:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 560.15 Mbit/s
95th percentile per-packet one-way delay: 1.118 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 286.41 Mbit/s
95th percentile per-packet one-way delay: 1.116 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 276.61 Mbit/s
95th percentile per-packet one-way delay: 1.110 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 269.00 Mbit/s
95th percentile per-packet one-way delay: 1.138 ms
Loss rate: 0.01%
```

Run 2: Report of TCP Vegas — Data Link

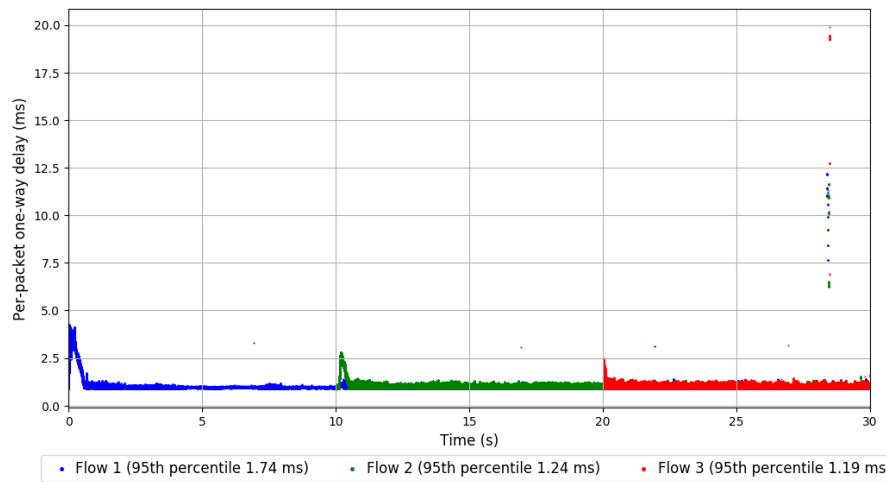
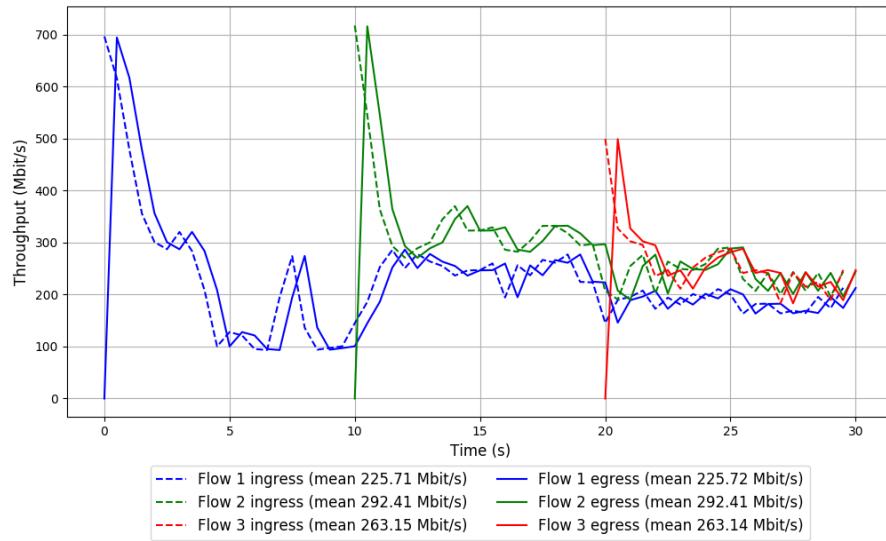


Run 3: Statistics of TCP Vegas

```
Start at: 2019-08-27 13:02:56
End at: 2019-08-27 13:03:26
Local clock offset: -0.309 ms
Remote clock offset: 1.098 ms

# Below is generated by plot.py at 2019-08-27 15:25:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 507.68 Mbit/s
95th percentile per-packet one-way delay: 1.254 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 225.72 Mbit/s
95th percentile per-packet one-way delay: 1.740 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 292.41 Mbit/s
95th percentile per-packet one-way delay: 1.244 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 263.14 Mbit/s
95th percentile per-packet one-way delay: 1.188 ms
Loss rate: 0.01%
```

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

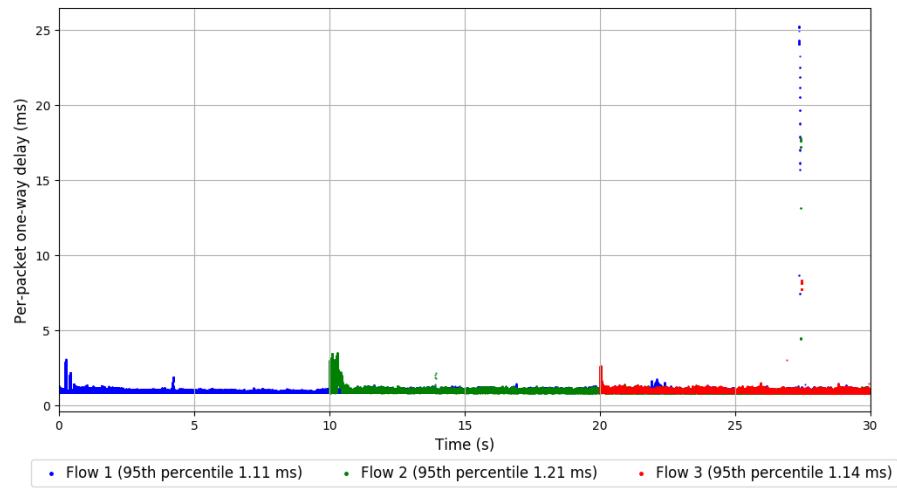
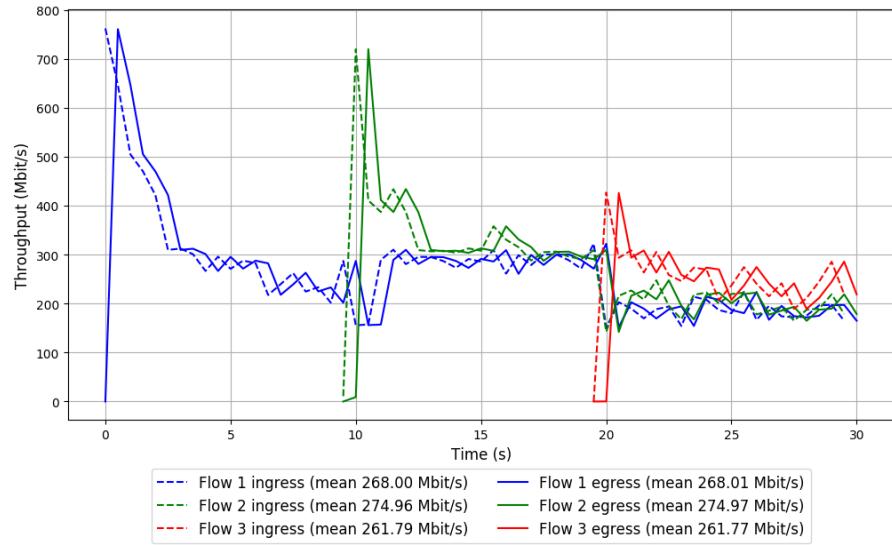


Run 4: Statistics of TCP Vegas

```
Start at: 2019-08-27 13:37:12
End at: 2019-08-27 13:37:42
Local clock offset: -0.21 ms
Remote clock offset: -1.739 ms

# Below is generated by plot.py at 2019-08-27 15:26:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 538.27 Mbit/s
95th percentile per-packet one-way delay: 1.133 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 268.01 Mbit/s
95th percentile per-packet one-way delay: 1.113 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 274.97 Mbit/s
95th percentile per-packet one-way delay: 1.211 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 261.77 Mbit/s
95th percentile per-packet one-way delay: 1.136 ms
Loss rate: 0.01%
```

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

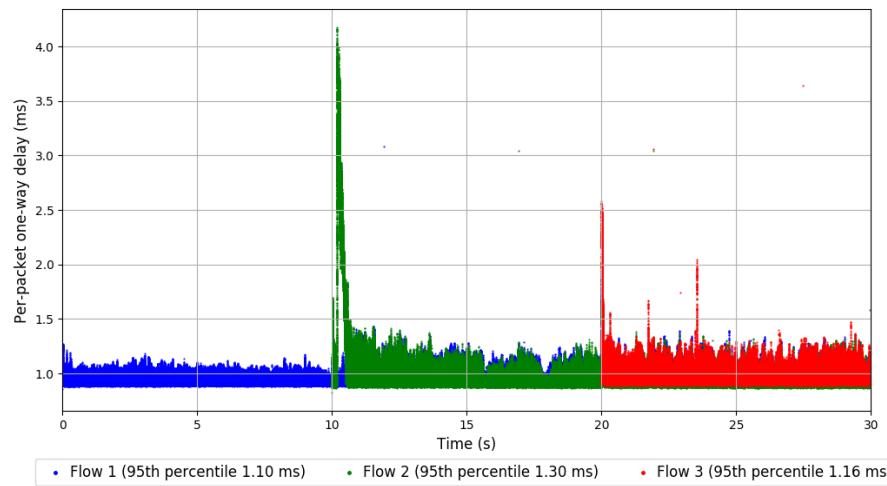
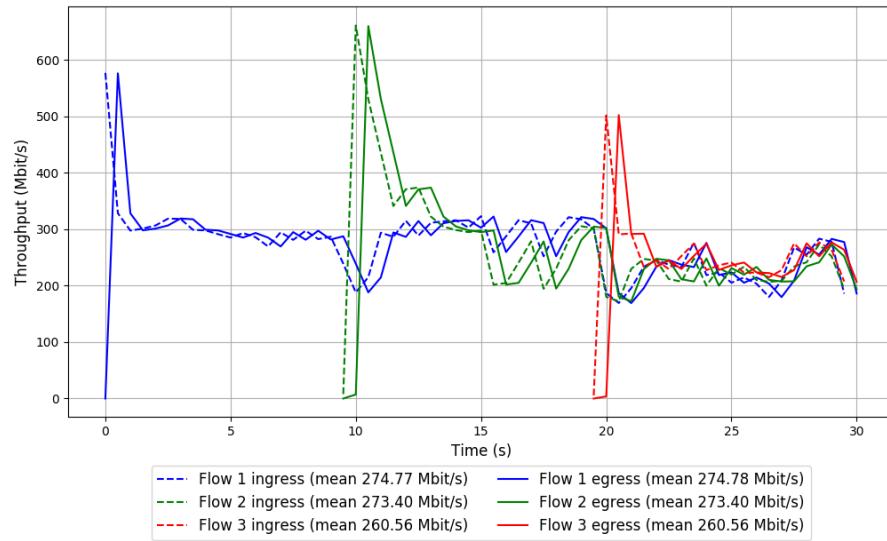


Run 5: Statistics of TCP Vegas

```
Start at: 2019-08-27 14:11:27
End at: 2019-08-27 14:11:57
Local clock offset: -0.041 ms
Remote clock offset: -1.323 ms

# Below is generated by plot.py at 2019-08-27 15:26:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 543.66 Mbit/s
95th percentile per-packet one-way delay: 1.147 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 274.78 Mbit/s
95th percentile per-packet one-way delay: 1.100 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 273.40 Mbit/s
95th percentile per-packet one-way delay: 1.305 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 260.56 Mbit/s
95th percentile per-packet one-way delay: 1.161 ms
Loss rate: 0.02%
```

Run 5: Report of TCP Vegas — Data Link

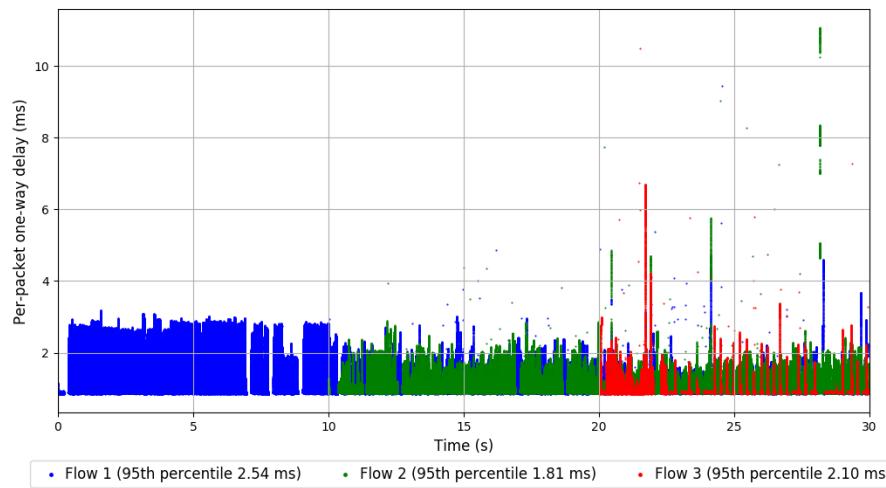
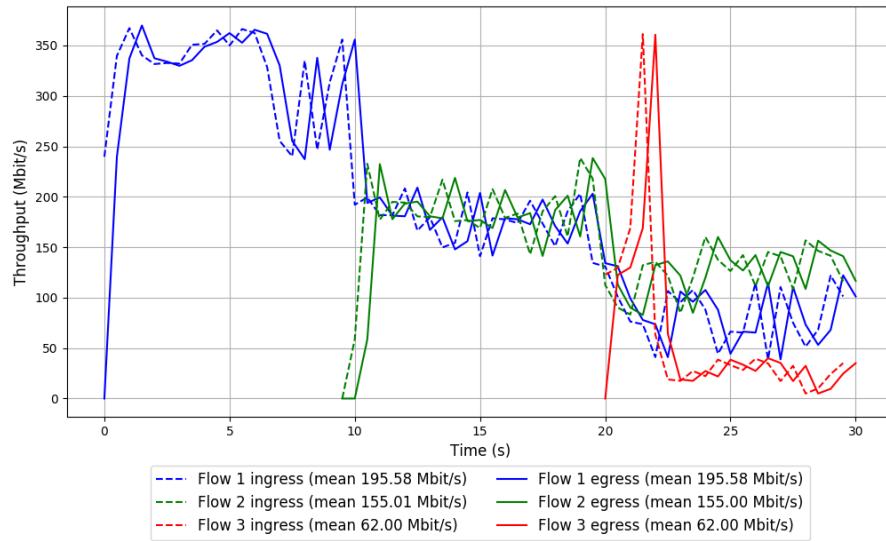


Run 1: Statistics of Verus

```
Start at: 2019-08-27 11:28:49
End at: 2019-08-27 11:29:19
Local clock offset: -0.39 ms
Remote clock offset: -0.104 ms

# Below is generated by plot.py at 2019-08-27 15:26:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 319.34 Mbit/s
95th percentile per-packet one-way delay: 2.417 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 195.58 Mbit/s
95th percentile per-packet one-way delay: 2.545 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 155.00 Mbit/s
95th percentile per-packet one-way delay: 1.807 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 62.00 Mbit/s
95th percentile per-packet one-way delay: 2.104 ms
Loss rate: 0.00%
```

Run 1: Report of Verus — Data Link

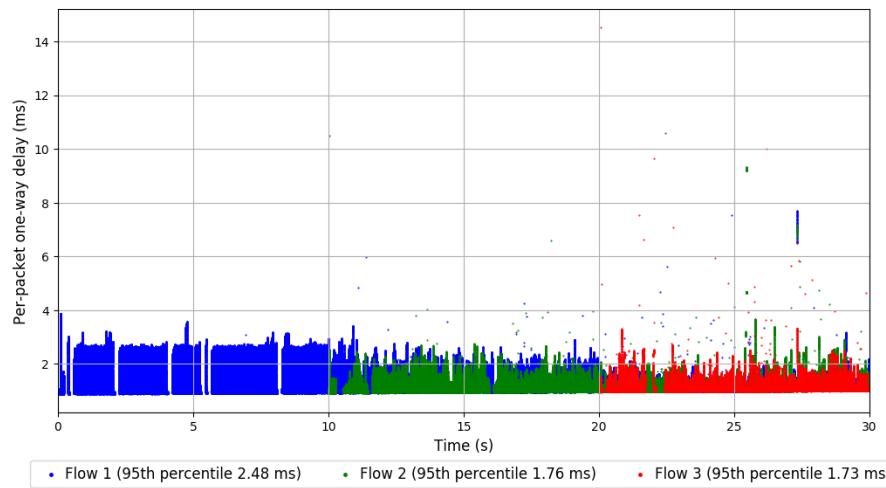
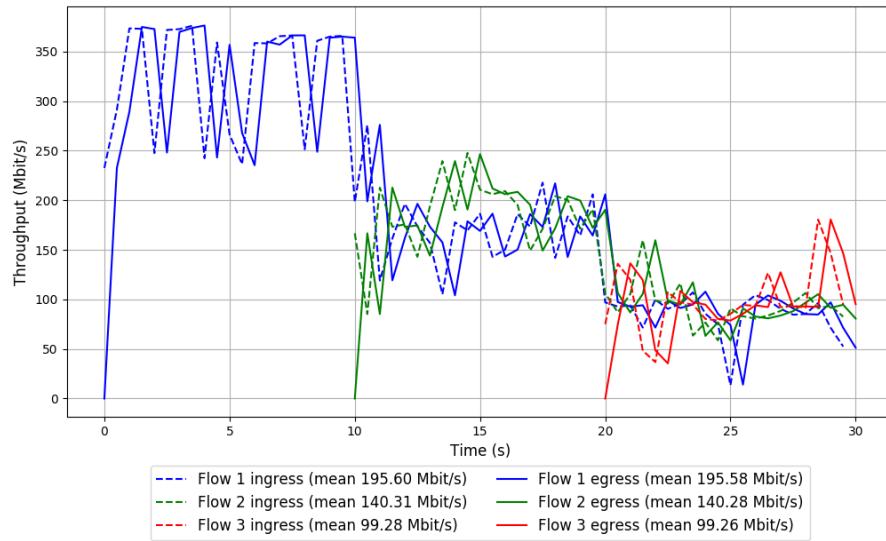


Run 2: Statistics of Verus

```
Start at: 2019-08-27 12:03:02
End at: 2019-08-27 12:03:32
Local clock offset: -0.298 ms
Remote clock offset: 1.543 ms

# Below is generated by plot.py at 2019-08-27 15:26:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 321.94 Mbit/s
95th percentile per-packet one-way delay: 2.362 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 195.58 Mbit/s
95th percentile per-packet one-way delay: 2.477 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 140.28 Mbit/s
95th percentile per-packet one-way delay: 1.762 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 99.26 Mbit/s
95th percentile per-packet one-way delay: 1.734 ms
Loss rate: 0.01%
```

Run 2: Report of Verus — Data Link

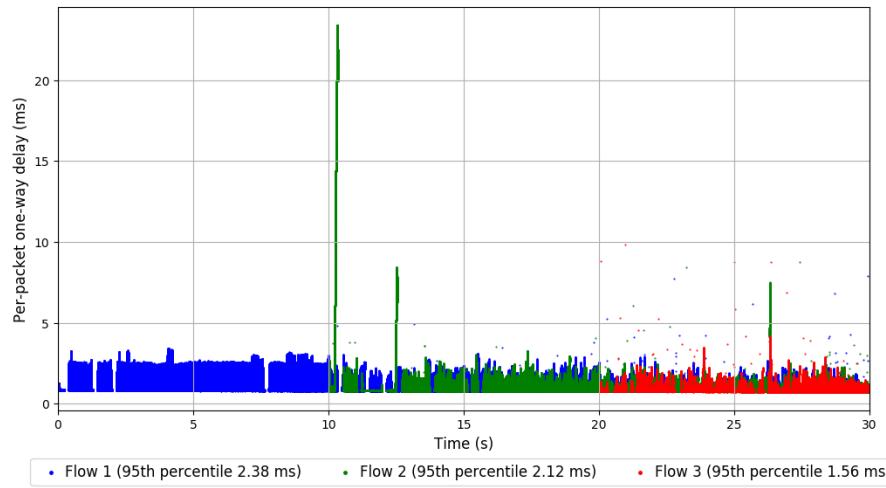
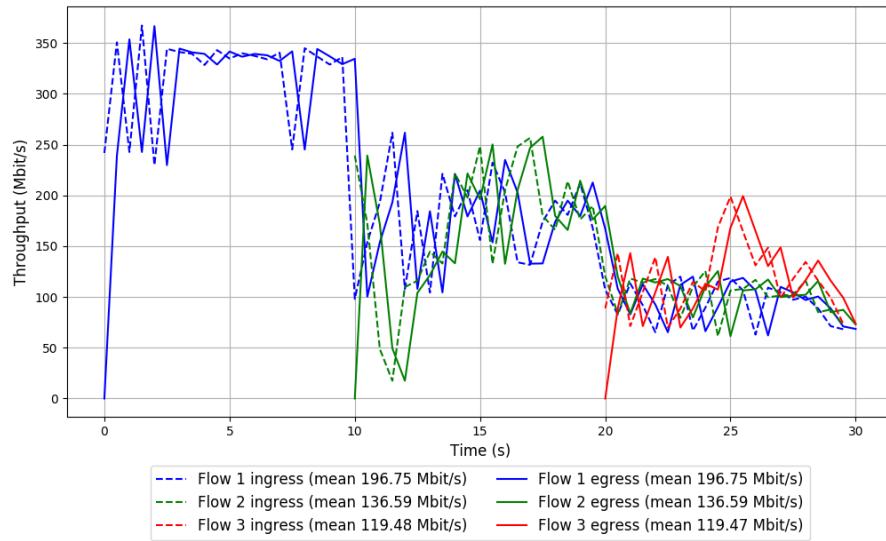


Run 3: Statistics of Verus

```
Start at: 2019-08-27 12:37:14
End at: 2019-08-27 12:37:44
Local clock offset: -0.358 ms
Remote clock offset: 1.594 ms

# Below is generated by plot.py at 2019-08-27 15:26:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 327.37 Mbit/s
95th percentile per-packet one-way delay: 2.333 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 196.75 Mbit/s
95th percentile per-packet one-way delay: 2.382 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 136.59 Mbit/s
95th percentile per-packet one-way delay: 2.124 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 119.47 Mbit/s
95th percentile per-packet one-way delay: 1.562 ms
Loss rate: 0.00%
```

Run 3: Report of Verus — Data Link

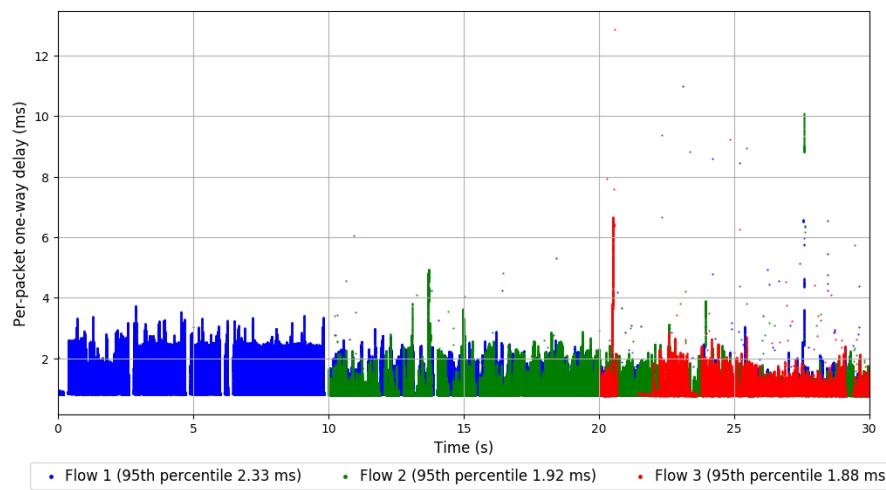
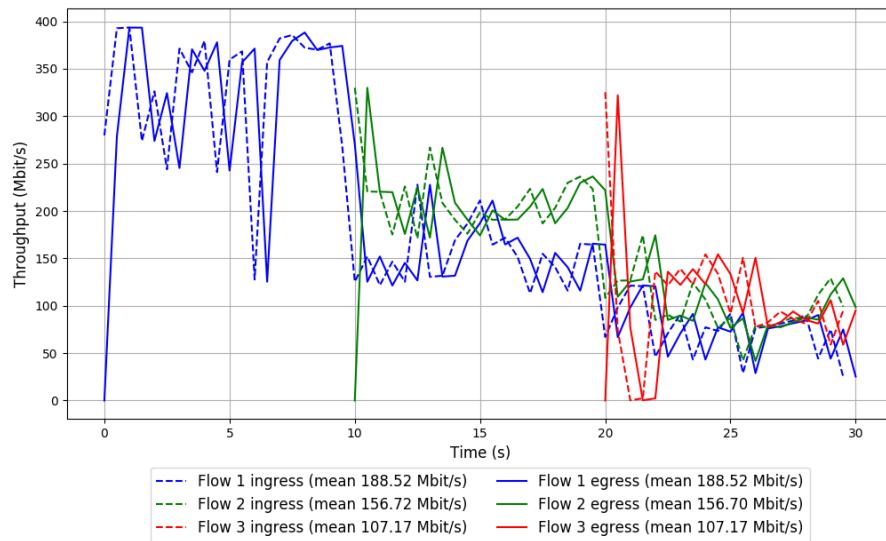


Run 4: Statistics of Verus

```
Start at: 2019-08-27 13:11:26
End at: 2019-08-27 13:11:56
Local clock offset: -0.295 ms
Remote clock offset: -0.332 ms

# Below is generated by plot.py at 2019-08-27 15:27:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 326.32 Mbit/s
95th percentile per-packet one-way delay: 2.254 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 188.52 Mbit/s
95th percentile per-packet one-way delay: 2.332 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 156.70 Mbit/s
95th percentile per-packet one-way delay: 1.919 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 107.17 Mbit/s
95th percentile per-packet one-way delay: 1.884 ms
Loss rate: 0.00%
```

Run 4: Report of Verus — Data Link

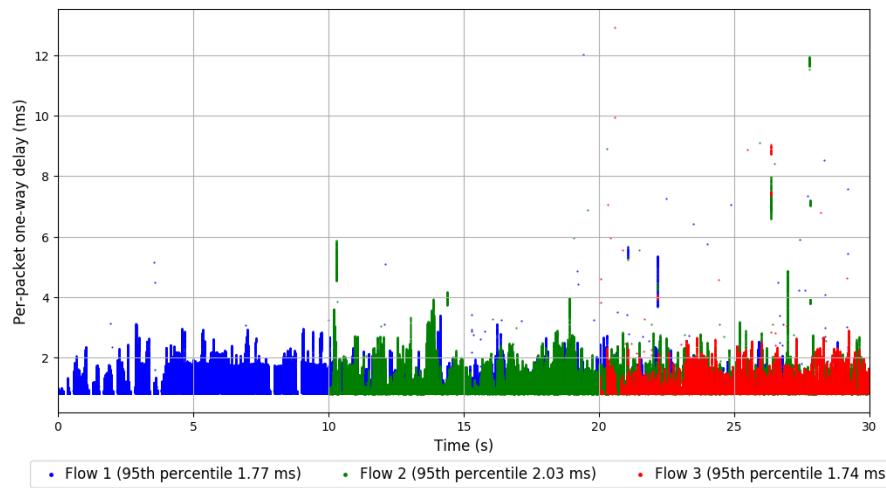
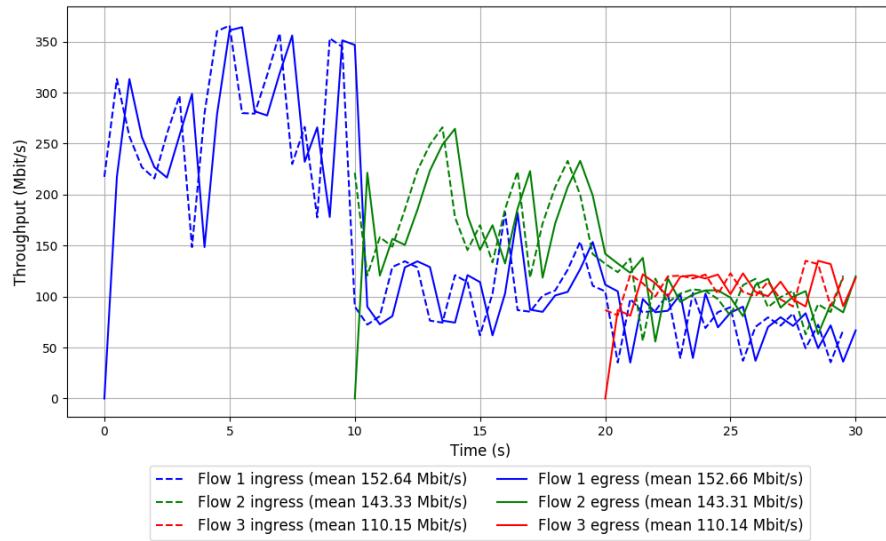


Run 5: Statistics of Verus

```
Start at: 2019-08-27 13:45:46
End at: 2019-08-27 13:46:16
Local clock offset: -0.163 ms
Remote clock offset: -1.111 ms

# Below is generated by plot.py at 2019-08-27 15:27:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 284.59 Mbit/s
95th percentile per-packet one-way delay: 1.848 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 152.66 Mbit/s
95th percentile per-packet one-way delay: 1.773 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 143.31 Mbit/s
95th percentile per-packet one-way delay: 2.032 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 110.14 Mbit/s
95th percentile per-packet one-way delay: 1.742 ms
Loss rate: 0.00%
```

Run 5: Report of Verus — Data Link

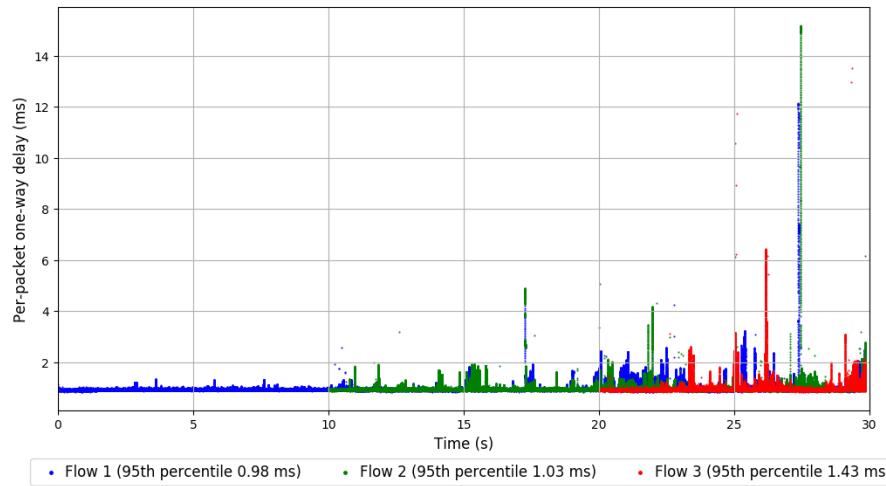
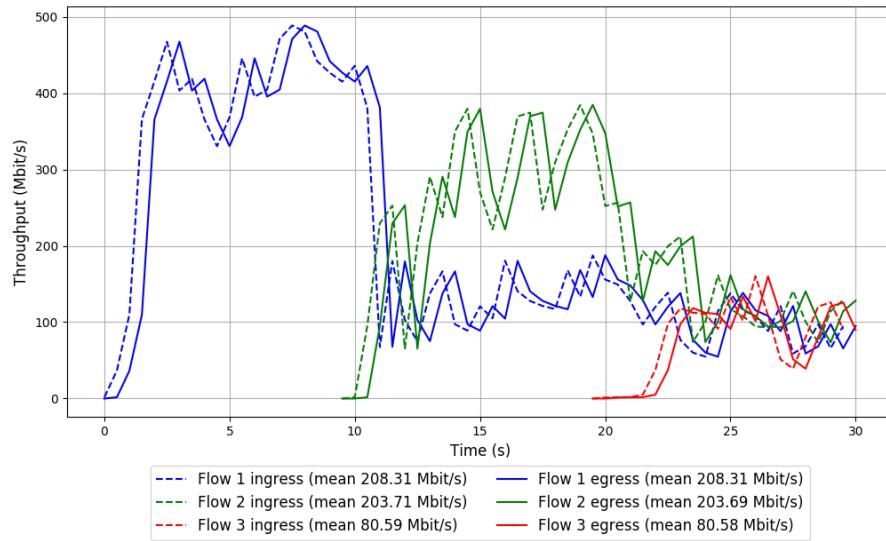


Run 1: Statistics of PCC-Vivace

```
Start at: 2019-08-27 11:39:58
End at: 2019-08-27 11:40:28
Local clock offset: -0.333 ms
Remote clock offset: -0.081 ms

# Below is generated by plot.py at 2019-08-27 15:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 370.42 Mbit/s
95th percentile per-packet one-way delay: 1.009 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 208.31 Mbit/s
95th percentile per-packet one-way delay: 0.977 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 203.69 Mbit/s
95th percentile per-packet one-way delay: 1.031 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 80.58 Mbit/s
95th percentile per-packet one-way delay: 1.425 ms
Loss rate: 0.07%
```

Run 1: Report of PCC-Vivace — Data Link

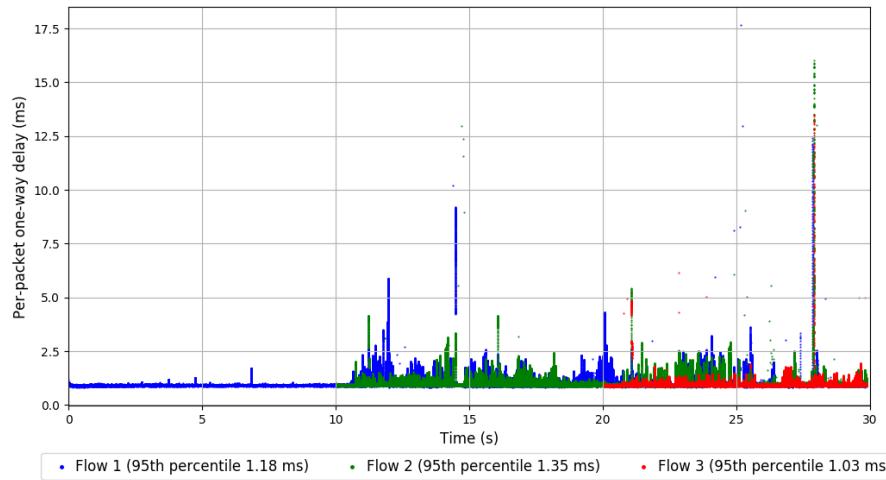
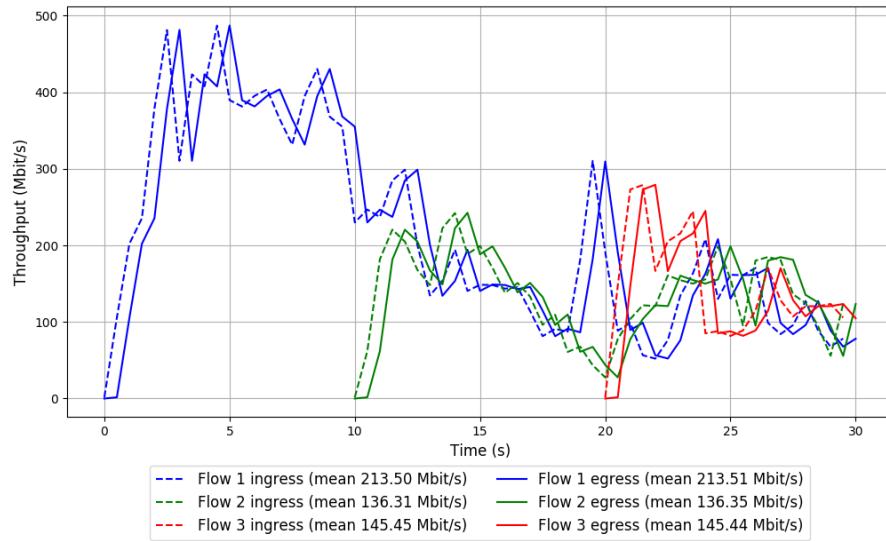


Run 2: Statistics of PCC-Vivace

```
Start at: 2019-08-27 12:14:13
End at: 2019-08-27 12:14:43
Local clock offset: -0.321 ms
Remote clock offset: 2.41 ms

# Below is generated by plot.py at 2019-08-27 15:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 352.12 Mbit/s
95th percentile per-packet one-way delay: 1.205 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 213.51 Mbit/s
95th percentile per-packet one-way delay: 1.183 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 136.35 Mbit/s
95th percentile per-packet one-way delay: 1.346 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 145.44 Mbit/s
95th percentile per-packet one-way delay: 1.030 ms
Loss rate: 0.03%
```

Run 2: Report of PCC-Vivace — Data Link

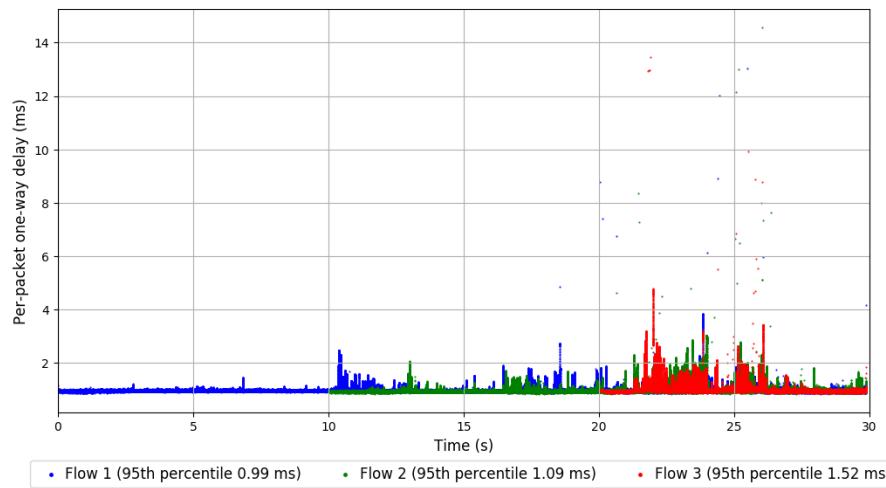
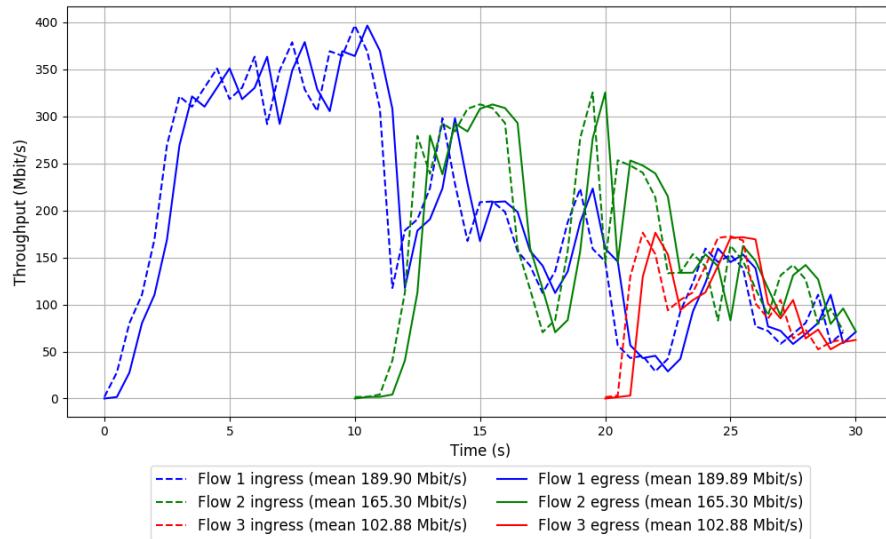


Run 3: Statistics of PCC-Vivace

```
Start at: 2019-08-27 12:48:25
End at: 2019-08-27 12:48:55
Local clock offset: -0.334 ms
Remote clock offset: 1.281 ms

# Below is generated by plot.py at 2019-08-27 15:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 333.81 Mbit/s
95th percentile per-packet one-way delay: 1.057 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 189.89 Mbit/s
95th percentile per-packet one-way delay: 0.992 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 165.30 Mbit/s
95th percentile per-packet one-way delay: 1.087 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 102.88 Mbit/s
95th percentile per-packet one-way delay: 1.519 ms
Loss rate: 0.03%
```

Run 3: Report of PCC-Vivace — Data Link

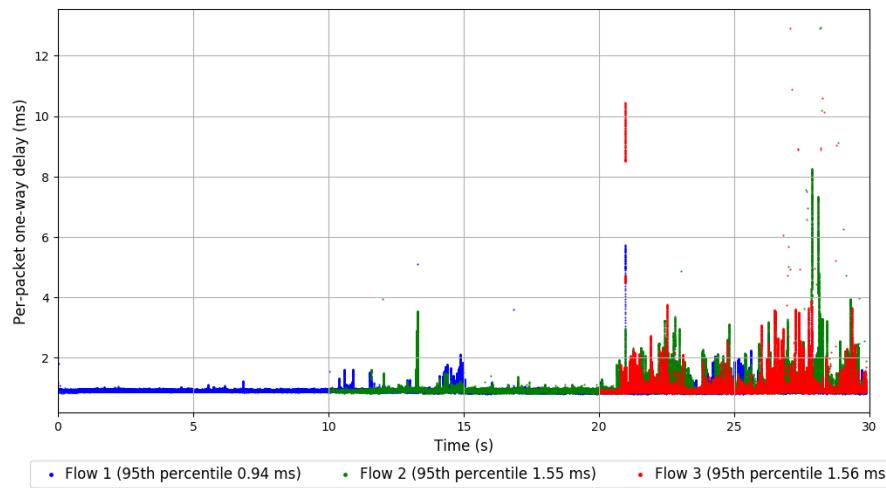
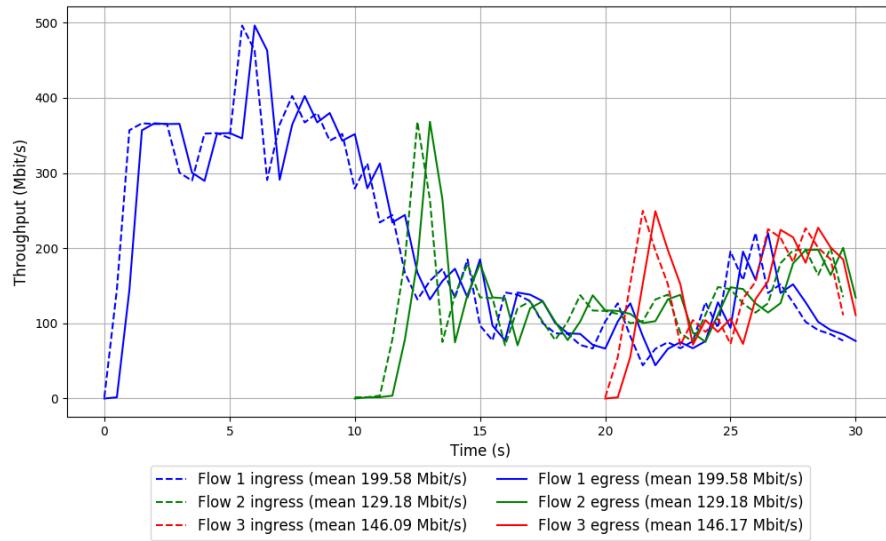


Run 4: Statistics of PCC-Vivace

```
Start at: 2019-08-27 13:22:43
End at: 2019-08-27 13:23:13
Local clock offset: -0.257 ms
Remote clock offset: -1.069 ms

# Below is generated by plot.py at 2019-08-27 15:29:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 333.72 Mbit/s
95th percentile per-packet one-way delay: 1.146 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 199.58 Mbit/s
95th percentile per-packet one-way delay: 0.936 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 129.18 Mbit/s
95th percentile per-packet one-way delay: 1.546 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 146.17 Mbit/s
95th percentile per-packet one-way delay: 1.556 ms
Loss rate: 0.01%
```

Run 4: Report of PCC-Vivace — Data Link

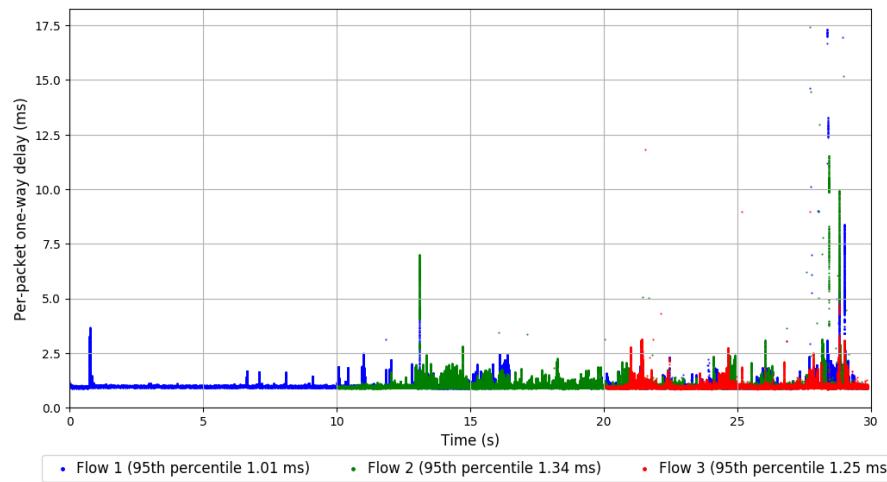
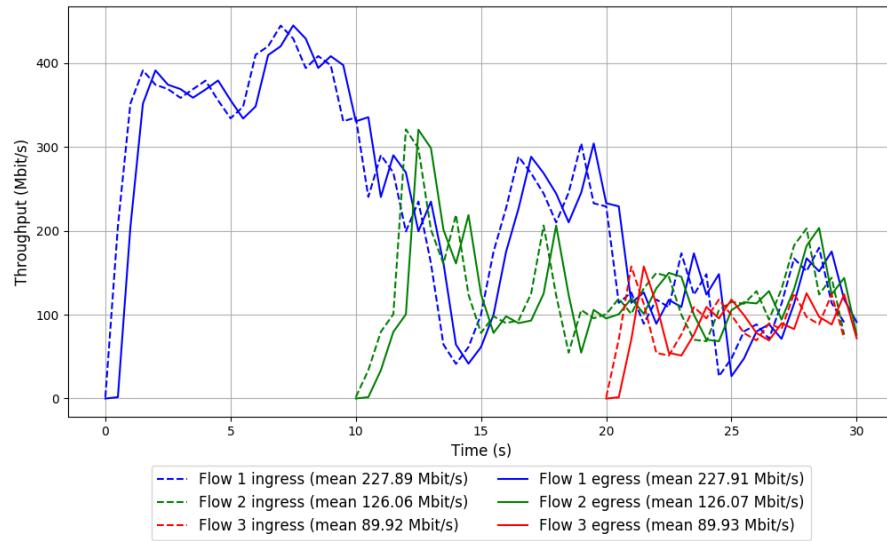


Run 5: Statistics of PCC-Vivace

```
Start at: 2019-08-27 13:56:59
End at: 2019-08-27 13:57:29
Local clock offset: -0.093 ms
Remote clock offset: -1.269 ms

# Below is generated by plot.py at 2019-08-27 15:29:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 341.37 Mbit/s
95th percentile per-packet one-way delay: 1.111 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 227.91 Mbit/s
95th percentile per-packet one-way delay: 1.014 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 126.07 Mbit/s
95th percentile per-packet one-way delay: 1.339 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 89.93 Mbit/s
95th percentile per-packet one-way delay: 1.254 ms
Loss rate: 0.01%
```

Run 5: Report of PCC-Vivace — Data Link

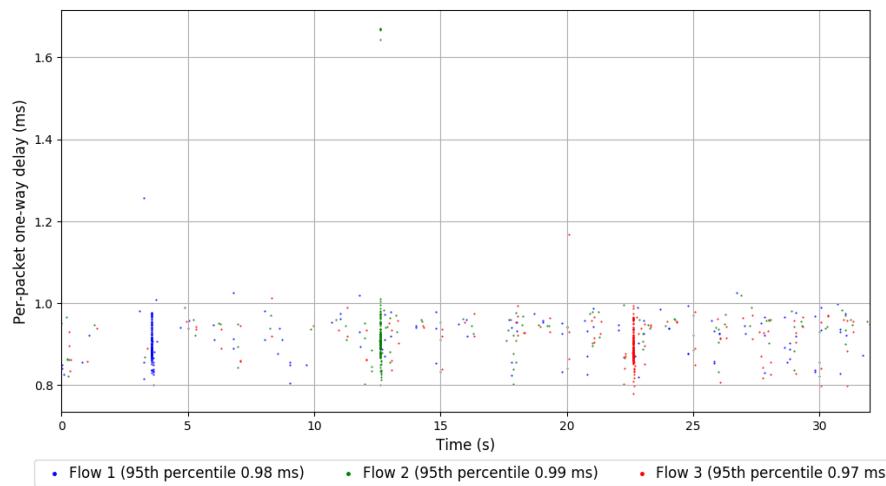
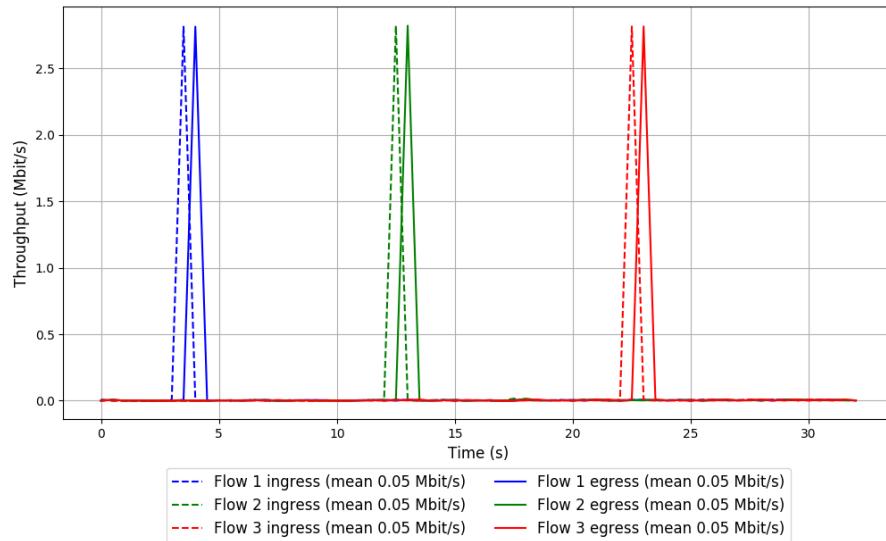


Run 1: Statistics of WebRTC media

```
Start at: 2019-08-27 11:49:50
End at: 2019-08-27 11:50:20
Local clock offset: -0.296 ms
Remote clock offset: 0.149 ms

# Below is generated by plot.py at 2019-08-27 15:29:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 0.980 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 0.981 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 0.987 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 0.968 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

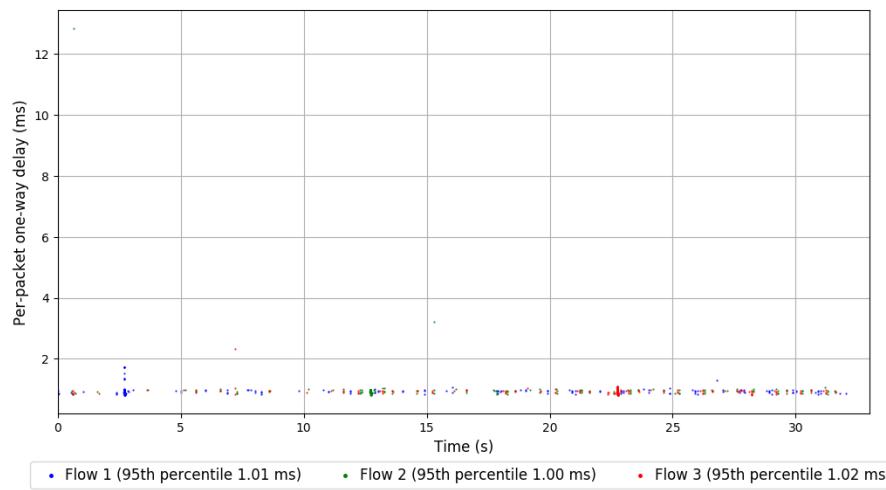
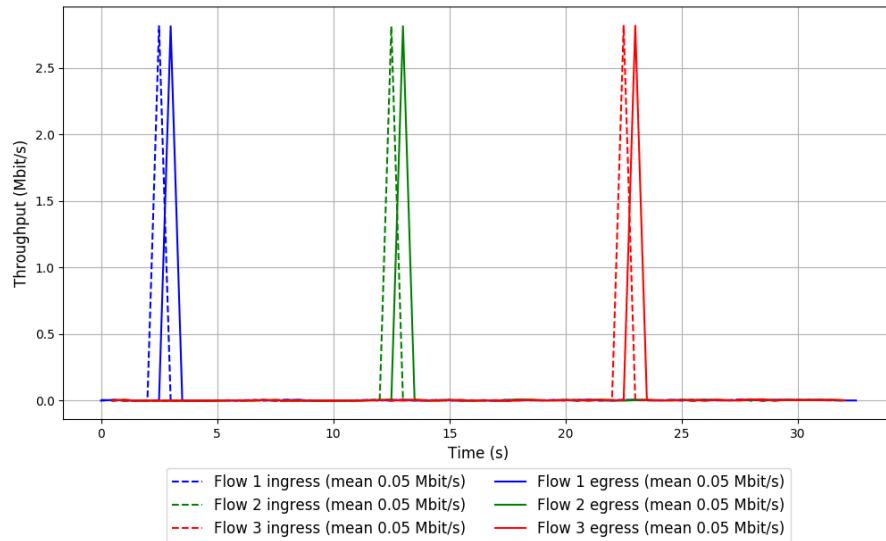


Run 2: Statistics of WebRTC media

```
Start at: 2019-08-27 12:23:58
End at: 2019-08-27 12:24:28
Local clock offset: -0.358 ms
Remote clock offset: 2.637 ms

# Below is generated by plot.py at 2019-08-27 15:29:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 1.009 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.014 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 0.998 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.019 ms
Loss rate: 0.00%
```

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

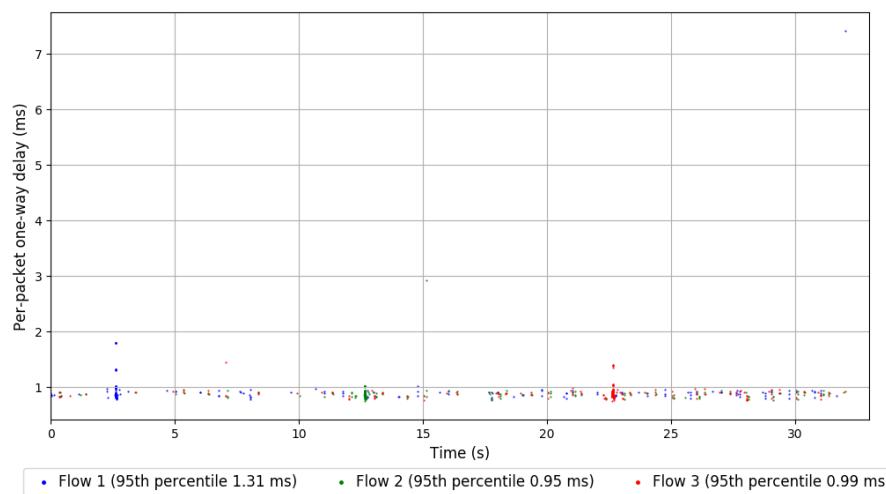
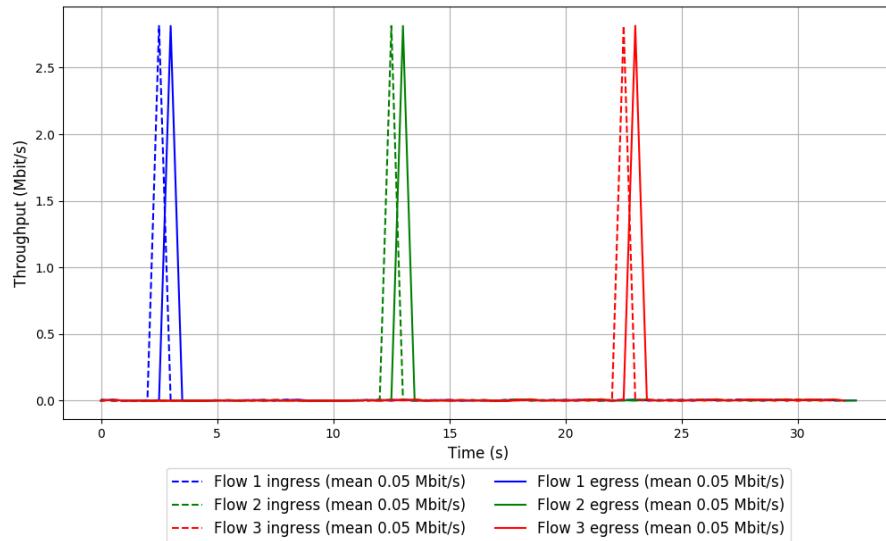


Run 3: Statistics of WebRTC media

```
Start at: 2019-08-27 12:58:15
End at: 2019-08-27 12:58:45
Local clock offset: -0.335 ms
Remote clock offset: 1.241 ms

# Below is generated by plot.py at 2019-08-27 15:29:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 1.016 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.308 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 0.949 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 0.991 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

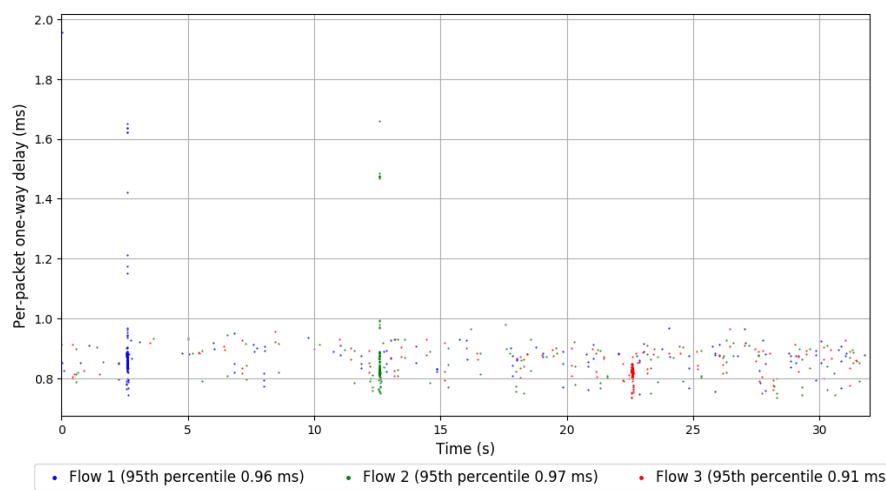
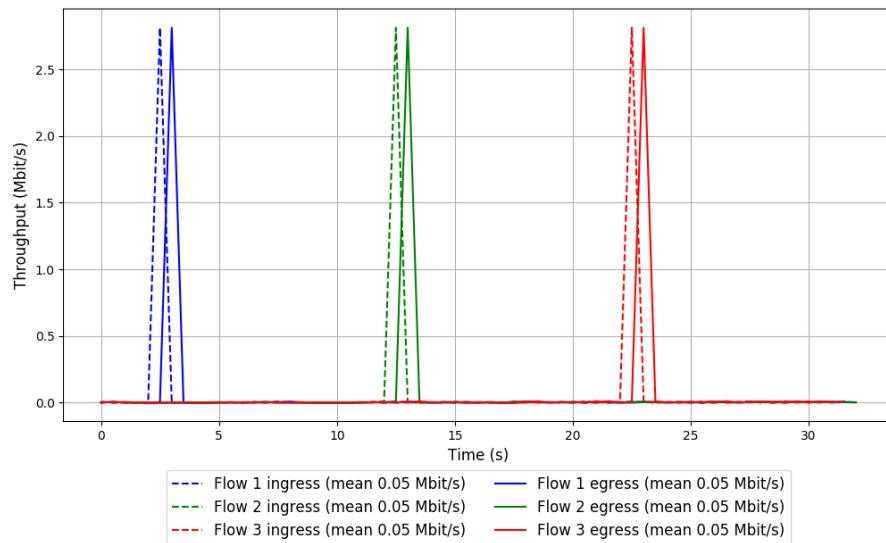


Run 4: Statistics of WebRTC media

```
Start at: 2019-08-27 13:32:31
End at: 2019-08-27 13:33:01
Local clock offset: -0.21 ms
Remote clock offset: -1.438 ms

# Below is generated by plot.py at 2019-08-27 15:29:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 0.937 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 0.965 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 0.969 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 0.913 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

```
Start at: 2019-08-27 14:06:46
End at: 2019-08-27 14:07:16
Local clock offset: -0.038 ms
Remote clock offset: -1.228 ms

# Below is generated by plot.py at 2019-08-27 15:29:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 0.967 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 0.956 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 0.977 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 0.975 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

