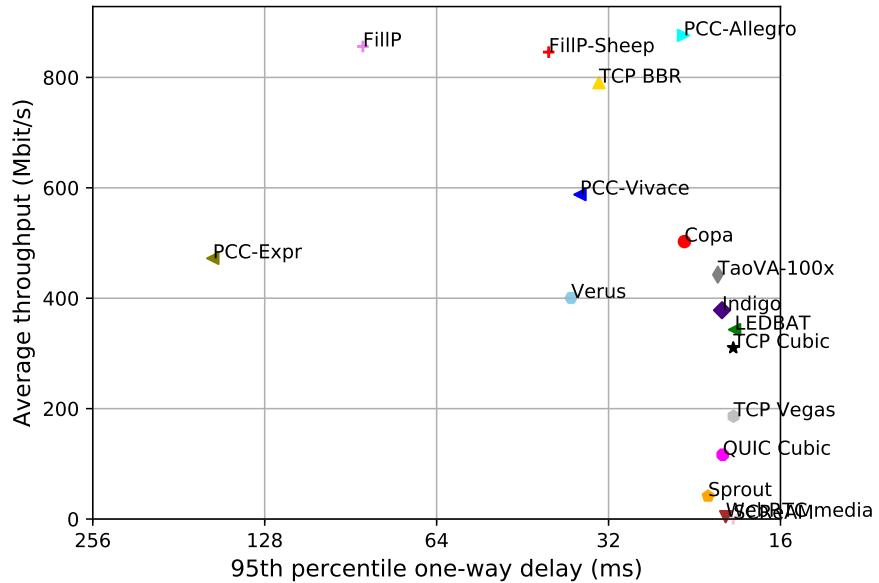


## Pantheon Report

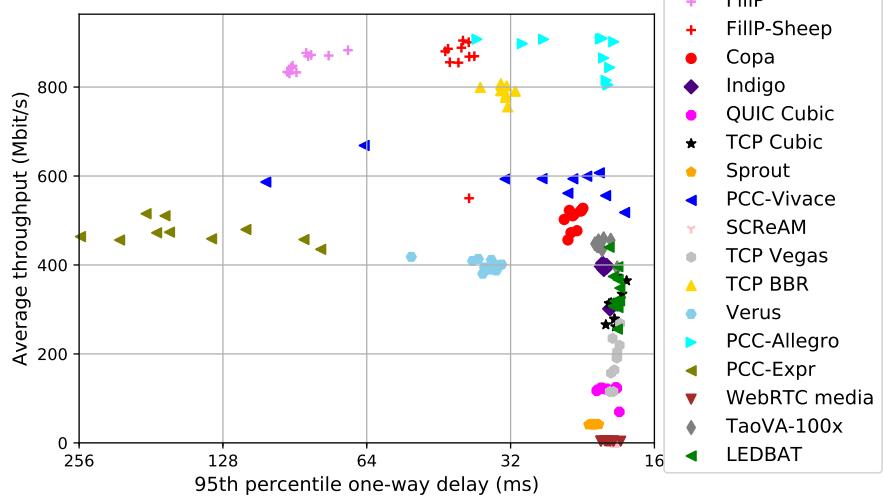
Generated at 2018-08-22 09:30:08 (UTC).  
Data path: AWS California 1 Ethernet (*local*) → Stanford Ethernet (*remote*).  
Repeated the test of 17 congestion control schemes 10 times.  
Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.  
NTP offsets were measured against `time.stanford.edu` and have been applied to correct the timestamps in logs.

```
System info:  
Linux 4.15.0-1017-aws  
net.core.default_qdisc = fq_codel  
net.core.rmem_default = 16777216  
net.core.rmem_max = 33554432  
net.core.wmem_default = 212992  
net.core.wmem_max = 212992  
net.ipv4.tcp_rmem = 4096 87380 6291456  
net.ipv4.tcp_wmem = 4096 16384 4194304  
  
Git summary:  
branch: master @ 7719b900495aa706f8452ab7d4a94dd562e9296e  
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834  
third_party/fillp-sheep @ daed0c84f98531712514b2231f43ec6901114ffe  
third_party/genericCC @ d0153f8e594aa89e93b032143cedbfe58e562f4  
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d  
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf  
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39  
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1  
M receiver/src/buffer.h  
M receiver/src/core.cpp  
M sender/src/buffer.h  
M sender/src/core.cpp  
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab  
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42  
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2  
M src/ScreamClient  
M src/ScreamServer  
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26  
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494  
M src/verus.hpp  
M tools/plot.py  
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4  
third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

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



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



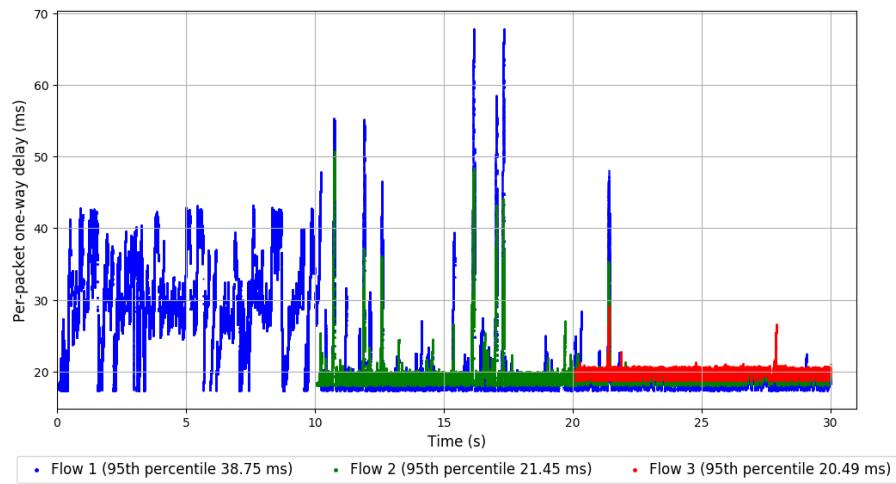
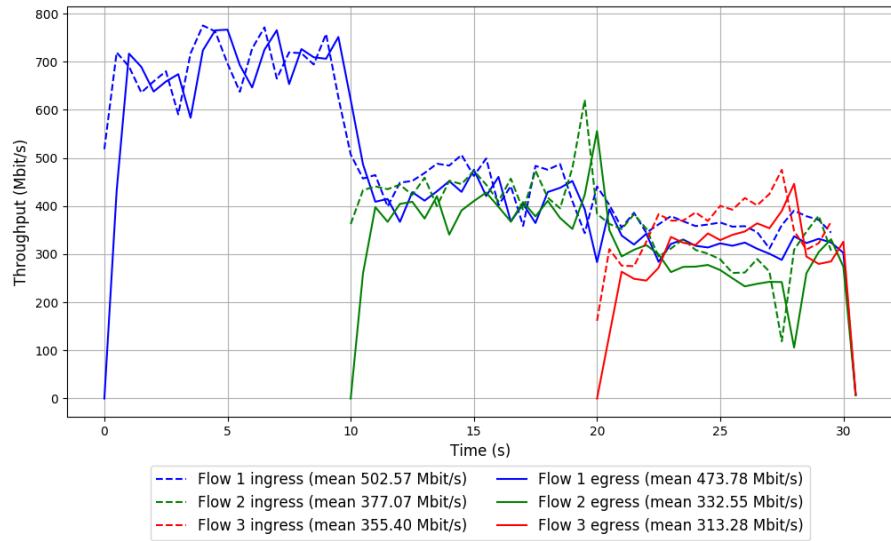
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	457.86	353.41	292.34	34.58	23.85	20.29	5.87	9.82	12.18
Copa		270.91	242.26	211.64	23.09	23.68	24.73	0.07	0.12	0.08
TCP Cubic		152.95	157.73	156.54	19.71	18.97	19.49	0.15	0.11	0.31
FillP		521.10	356.34	294.72	88.19	50.07	50.08	10.14	16.13	17.92
FillP-Sheep		498.17	359.26	328.26	40.66	37.97	45.68	13.71	23.98	24.95
Indigo		183.62	199.01	193.06	19.88	20.12	20.84	0.21	0.21	0.18
LEDBAT		196.83	155.99	127.46	18.94	19.21	19.07	0.03	0.04	0.05
PCC-Allegro		748.03	151.36	83.81	24.10	19.85	19.94	1.12	0.80	0.89
PCC-Expr		285.03	231.93	99.87	158.63	136.99	22.18	3.65	2.82	0.08
QUIC Cubic		59.12	60.99	51.29	19.48	19.80	22.07	0.02	0.04	0.03
SCReAM		0.21	0.21	0.21	19.25	18.92	19.07	0.04	0.04	0.10
Sprout		20.77	20.86	20.82	21.26	21.30	21.31	0.14	0.18	0.11
TaoVA-100x		227.69	226.91	192.01	19.61	20.94	21.82	0.04	0.05	0.06
TCP Vegas		91.40	85.35	114.02	19.05	19.34	19.62	0.16	0.32	0.29
Verus		217.37	192.91	165.29	37.12	37.47	36.70	22.72	23.59	22.82
PCC-Vivace		346.07	319.66	88.27	37.31	23.73	36.48	0.61	0.61	1.39
WebRTC media		2.15	1.50	0.52	20.15	19.45	20.18	0.15	0.20	0.06

Run 1: Statistics of TCP BBR

```
Start at: 2018-08-22 02:49:22
End at: 2018-08-22 02:49:52
Local clock offset: 1.49 ms
Remote clock offset: 0.62 ms

# Below is generated by plot.py at 2018-08-22 07:26:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 799.47 Mbit/s
95th percentile per-packet one-way delay: 37.032 ms
Loss rate: 8.31%
-- Flow 1:
Average throughput: 473.78 Mbit/s
95th percentile per-packet one-way delay: 38.747 ms
Loss rate: 5.73%
-- Flow 2:
Average throughput: 332.55 Mbit/s
95th percentile per-packet one-way delay: 21.452 ms
Loss rate: 11.80%
-- Flow 3:
Average throughput: 313.28 Mbit/s
95th percentile per-packet one-way delay: 20.486 ms
Loss rate: 11.85%
```

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

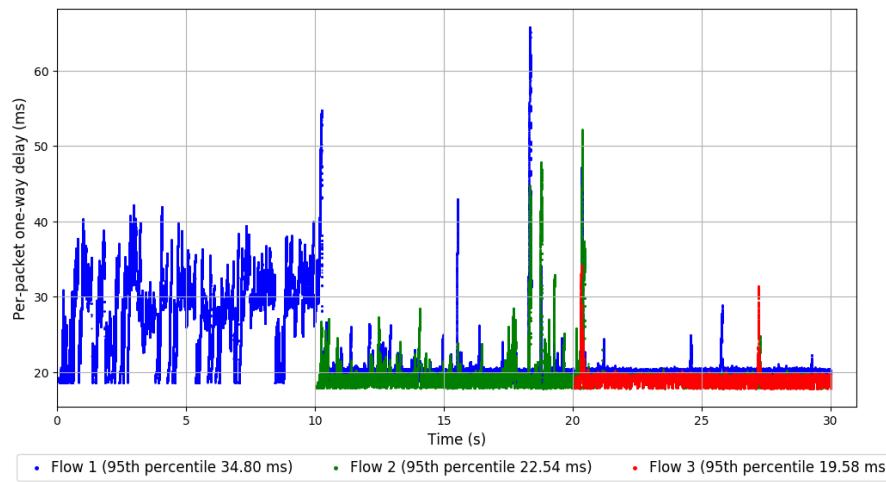
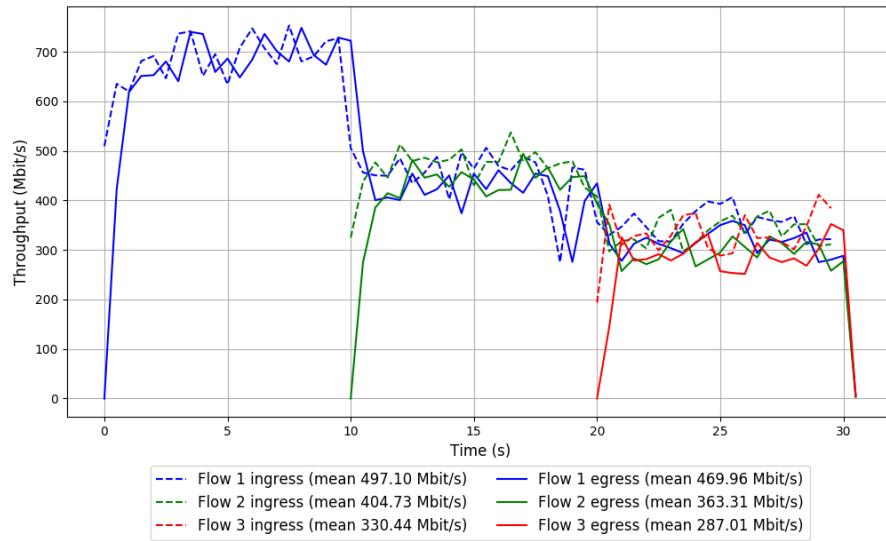


Run 2: Statistics of TCP BBR

```
Start at: 2018-08-22 03:16:47
End at: 2018-08-22 03:17:17
Local clock offset: 1.143 ms
Remote clock offset: 3.876 ms

# Below is generated by plot.py at 2018-08-22 07:26:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 807.53 Mbit/s
95th percentile per-packet one-way delay: 33.546 ms
Loss rate: 7.89%
-- Flow 1:
Average throughput: 469.96 Mbit/s
95th percentile per-packet one-way delay: 34.799 ms
Loss rate: 5.46%
-- Flow 2:
Average throughput: 363.31 Mbit/s
95th percentile per-packet one-way delay: 22.536 ms
Loss rate: 10.23%
-- Flow 3:
Average throughput: 287.01 Mbit/s
95th percentile per-packet one-way delay: 19.576 ms
Loss rate: 13.14%
```

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

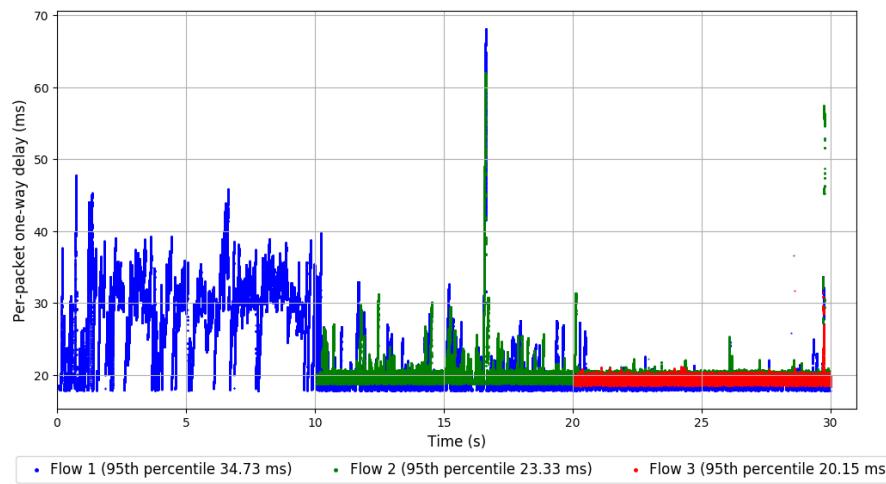
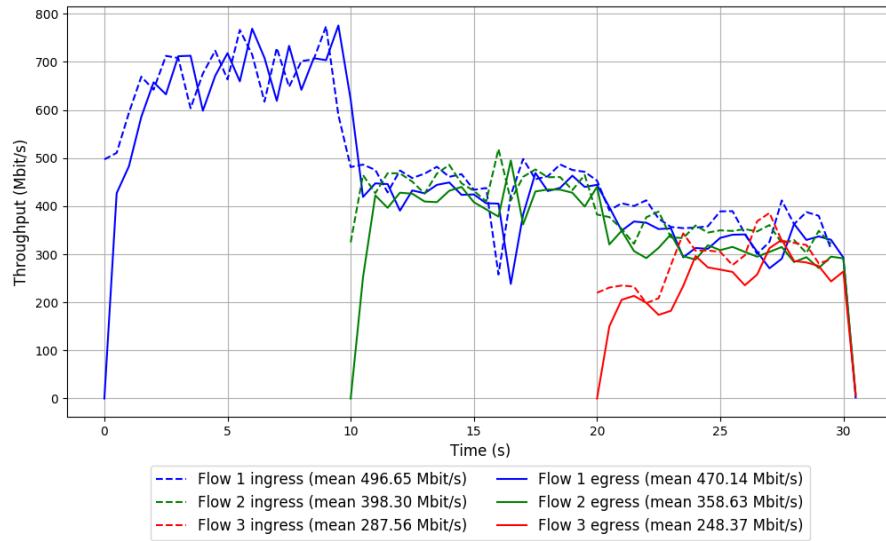


Run 3: Statistics of TCP BBR

```
Start at: 2018-08-22 03:44:02
End at: 2018-08-22 03:44:32
Local clock offset: -1.18 ms
Remote clock offset: 3.93 ms

# Below is generated by plot.py at 2018-08-22 07:26:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 791.63 Mbit/s
95th percentile per-packet one-way delay: 33.582 ms
Loss rate: 7.70%
-- Flow 1:
Average throughput: 470.14 Mbit/s
95th percentile per-packet one-way delay: 34.734 ms
Loss rate: 5.34%
-- Flow 2:
Average throughput: 358.63 Mbit/s
95th percentile per-packet one-way delay: 23.334 ms
Loss rate: 9.96%
-- Flow 3:
Average throughput: 248.37 Mbit/s
95th percentile per-packet one-way delay: 20.149 ms
Loss rate: 13.67%
```

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

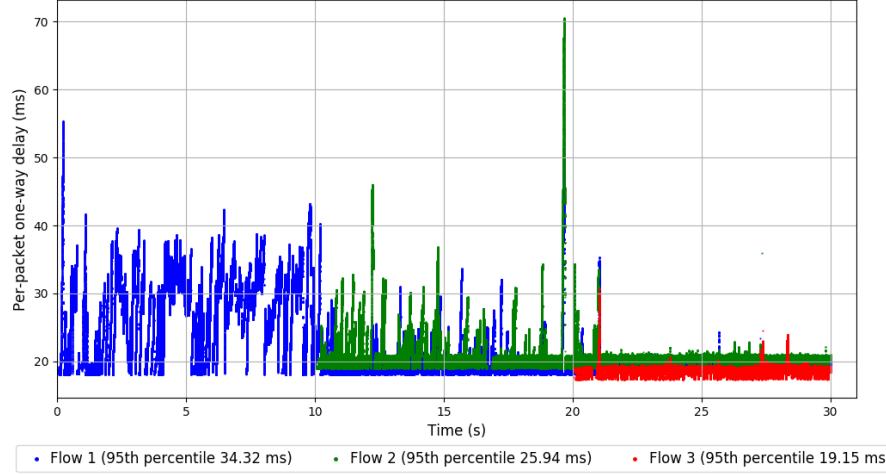
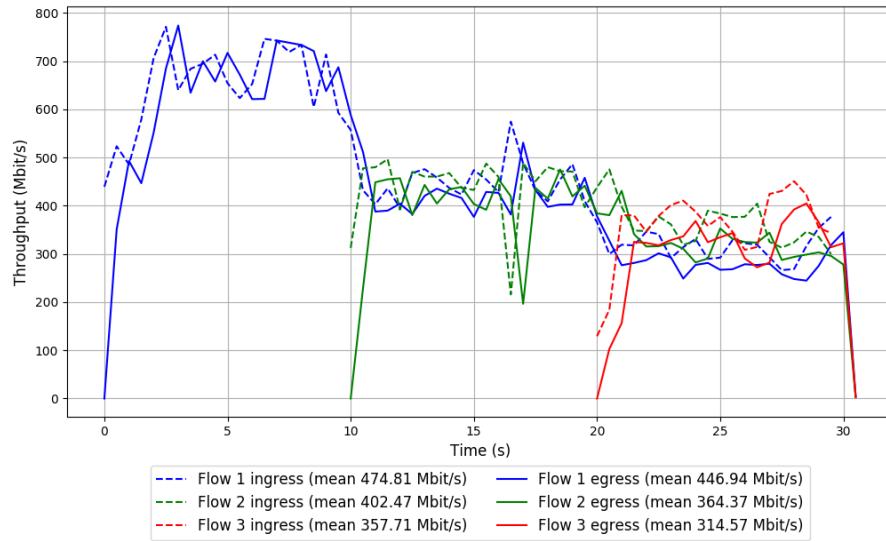


Run 4: Statistics of TCP BBR

```
Start at: 2018-08-22 04:11:28
End at: 2018-08-22 04:11:59
Local clock offset: -3.076 ms
Remote clock offset: 3.766 ms

# Below is generated by plot.py at 2018-08-22 07:26:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 794.22 Mbit/s
95th percentile per-packet one-way delay: 33.095 ms
Loss rate: 7.84%
-- Flow 1:
Average throughput: 446.94 Mbit/s
95th percentile per-packet one-way delay: 34.317 ms
Loss rate: 5.86%
-- Flow 2:
Average throughput: 364.37 Mbit/s
95th percentile per-packet one-way delay: 25.936 ms
Loss rate: 9.46%
-- Flow 3:
Average throughput: 314.57 Mbit/s
95th percentile per-packet one-way delay: 19.148 ms
Loss rate: 12.05%
```

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

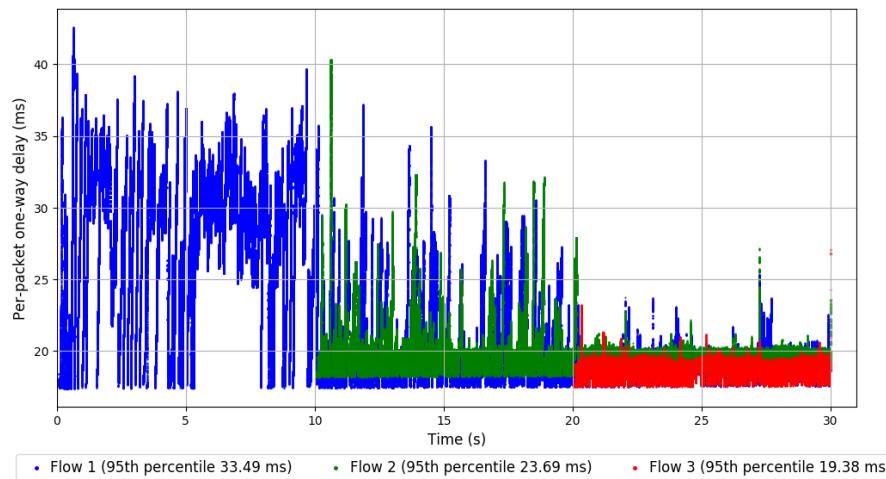
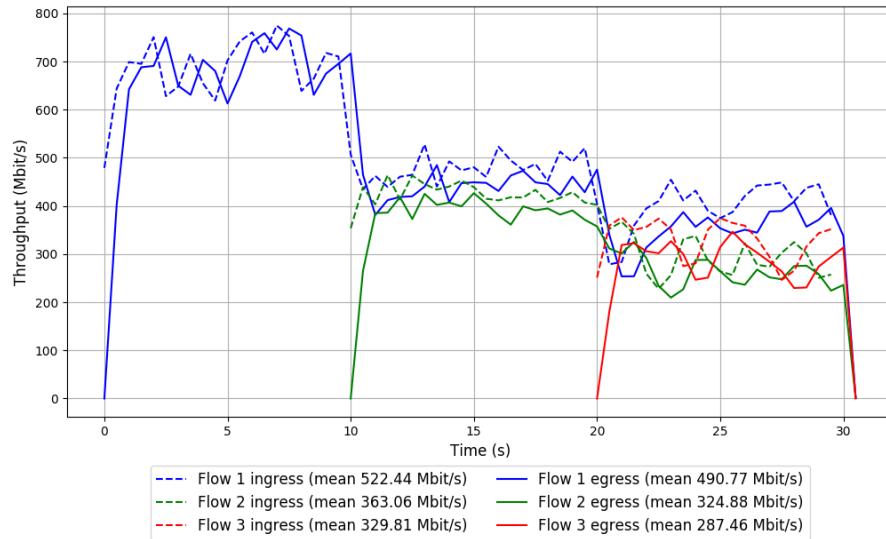


Run 5: Statistics of TCP BBR

```
Start at: 2018-08-22 04:38:38
End at: 2018-08-22 04:39:08
Local clock offset: -2.553 ms
Remote clock offset: 3.542 ms

# Below is generated by plot.py at 2018-08-22 07:26:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 802.65 Mbit/s
95th percentile per-packet one-way delay: 32.618 ms
Loss rate: 8.14%
-- Flow 1:
Average throughput: 490.77 Mbit/s
95th percentile per-packet one-way delay: 33.492 ms
Loss rate: 6.06%
-- Flow 2:
Average throughput: 324.88 Mbit/s
95th percentile per-packet one-way delay: 23.691 ms
Loss rate: 10.50%
-- Flow 3:
Average throughput: 287.46 Mbit/s
95th percentile per-packet one-way delay: 19.384 ms
Loss rate: 12.84%
```

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

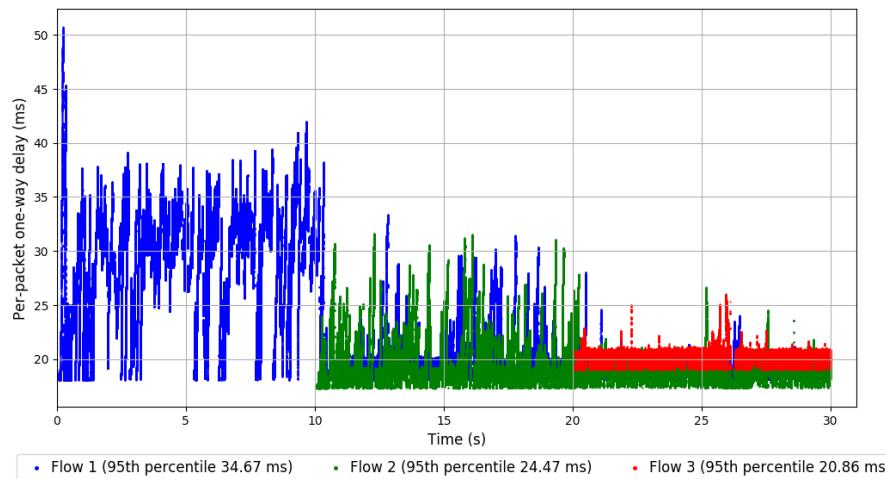
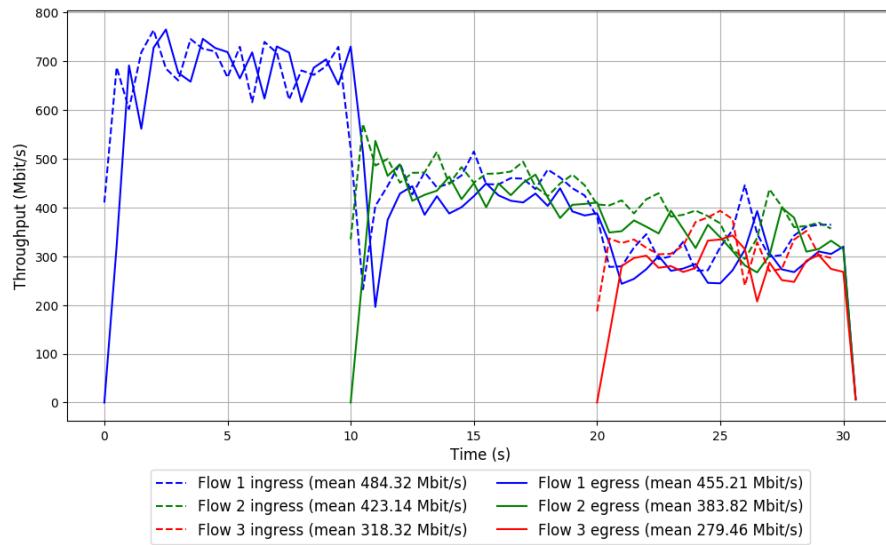


Run 6: Statistics of TCP BBR

```
Start at: 2018-08-22 05:05:55
End at: 2018-08-22 05:06:25
Local clock offset: 1.186 ms
Remote clock offset: -1.318 ms

# Below is generated by plot.py at 2018-08-22 07:26:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 803.82 Mbit/s
95th percentile per-packet one-way delay: 33.468 ms
Loss rate: 7.82%
-- Flow 1:
Average throughput: 455.21 Mbit/s
95th percentile per-packet one-way delay: 34.667 ms
Loss rate: 6.01%
-- Flow 2:
Average throughput: 383.82 Mbit/s
95th percentile per-packet one-way delay: 24.467 ms
Loss rate: 9.29%
-- Flow 3:
Average throughput: 279.46 Mbit/s
95th percentile per-packet one-way delay: 20.863 ms
Loss rate: 12.20%
```

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

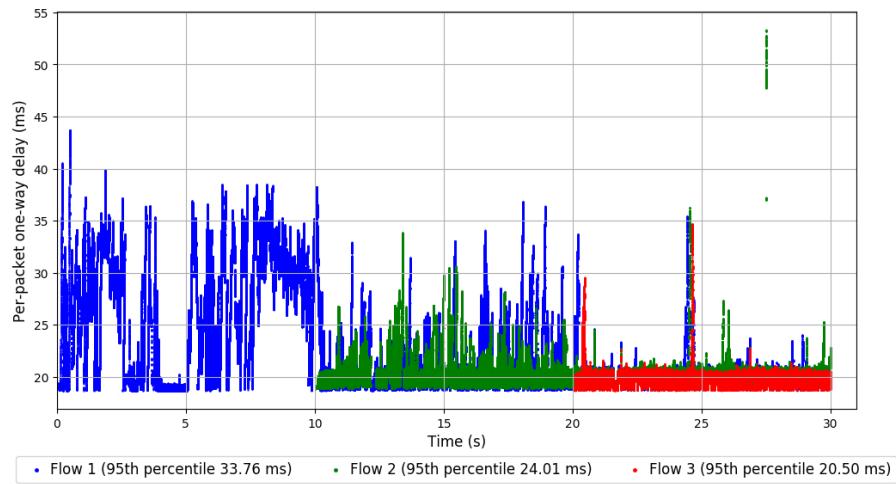
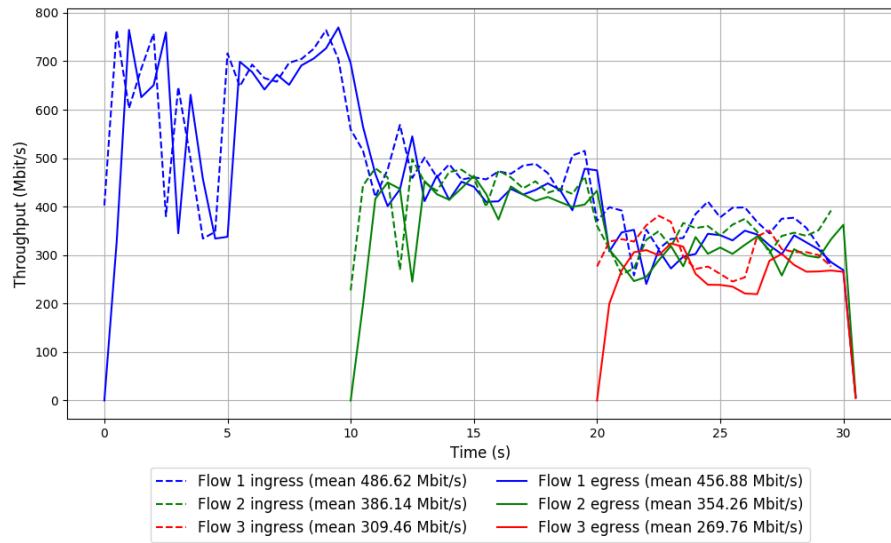


Run 7: Statistics of TCP BBR

```
Start at: 2018-08-22 05:33:14
End at: 2018-08-22 05:33:44
Local clock offset: 1.072 ms
Remote clock offset: -2.977 ms

# Below is generated by plot.py at 2018-08-22 07:26:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 782.62 Mbit/s
95th percentile per-packet one-way delay: 32.712 ms
Loss rate: 7.58%
-- Flow 1:
Average throughput: 456.88 Mbit/s
95th percentile per-packet one-way delay: 33.760 ms
Loss rate: 6.11%
-- Flow 2:
Average throughput: 354.26 Mbit/s
95th percentile per-packet one-way delay: 24.006 ms
Loss rate: 8.26%
-- Flow 3:
Average throughput: 269.76 Mbit/s
95th percentile per-packet one-way delay: 20.496 ms
Loss rate: 12.83%
```

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

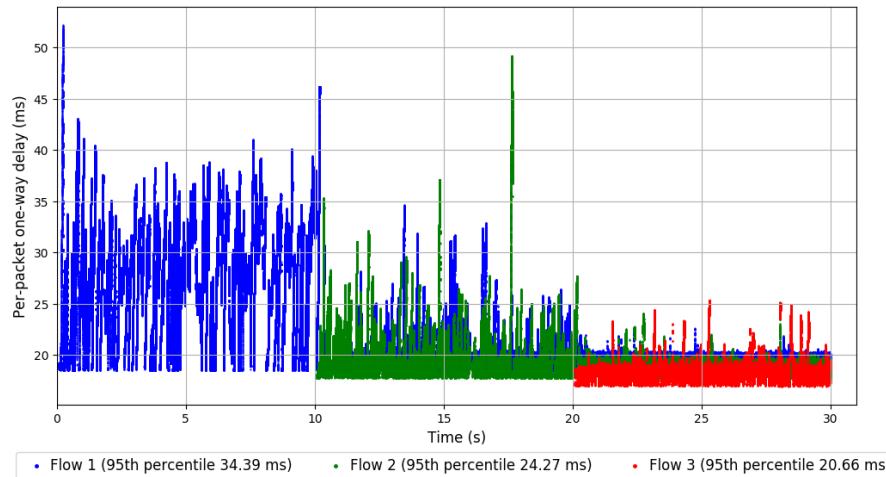
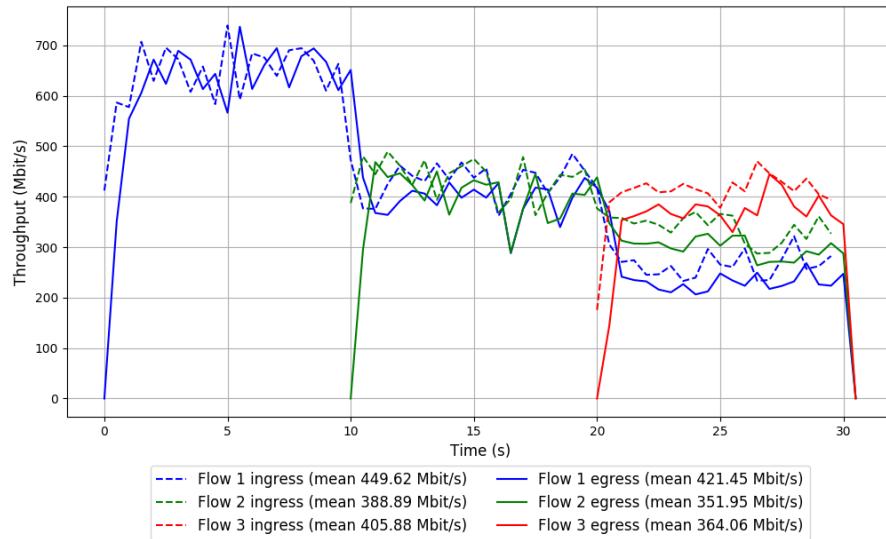


Run 8: Statistics of TCP BBR

```
Start at: 2018-08-22 06:00:23
End at: 2018-08-22 06:00:53
Local clock offset: -2.822 ms
Remote clock offset: 1.756 ms

# Below is generated by plot.py at 2018-08-22 07:26:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 776.92 Mbit/s
95th percentile per-packet one-way delay: 32.796 ms
Loss rate: 7.91%
-- Flow 1:
Average throughput: 421.45 Mbit/s
95th percentile per-packet one-way delay: 34.389 ms
Loss rate: 6.27%
-- Flow 2:
Average throughput: 351.95 Mbit/s
95th percentile per-packet one-way delay: 24.275 ms
Loss rate: 9.50%
-- Flow 3:
Average throughput: 364.06 Mbit/s
95th percentile per-packet one-way delay: 20.663 ms
Loss rate: 10.30%
```

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

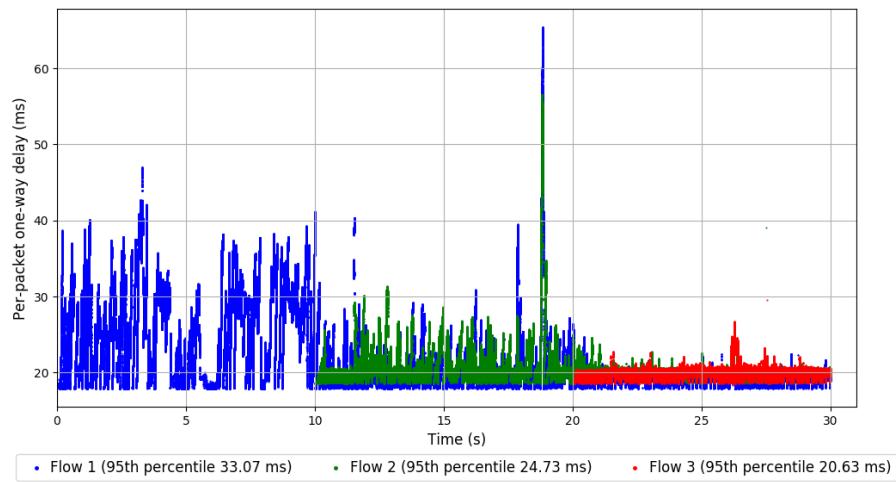
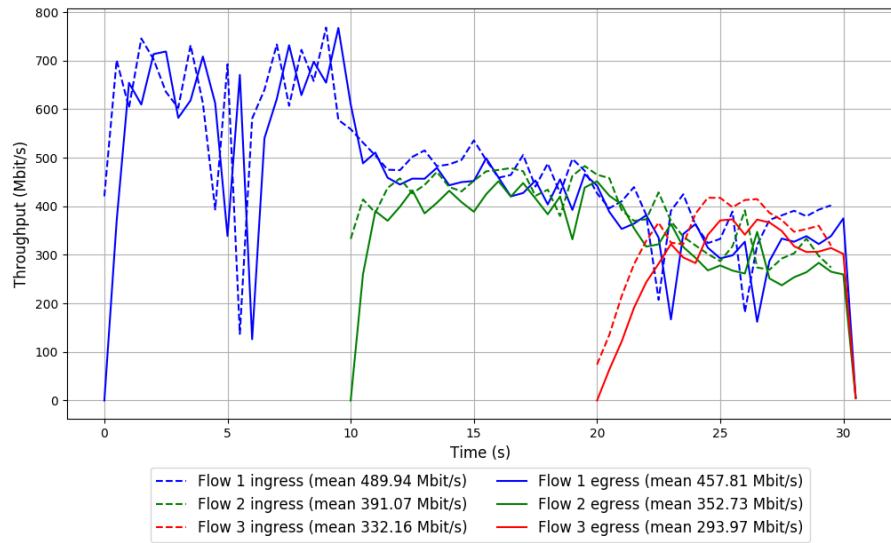


Run 9: Statistics of TCP BBR

```
Start at: 2018-08-22 06:27:05
End at: 2018-08-22 06:27:35
Local clock offset: 0.774 ms
Remote clock offset: 4.985 ms

# Below is generated by plot.py at 2018-08-22 07:34:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 790.69 Mbit/s
95th percentile per-packet one-way delay: 31.275 ms
Loss rate: 8.18%
-- Flow 1:
Average throughput: 457.81 Mbit/s
95th percentile per-packet one-way delay: 33.074 ms
Loss rate: 6.56%
-- Flow 2:
Average throughput: 352.73 Mbit/s
95th percentile per-packet one-way delay: 24.735 ms
Loss rate: 9.81%
-- Flow 3:
Average throughput: 293.97 Mbit/s
95th percentile per-packet one-way delay: 20.626 ms
Loss rate: 11.51%
```

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

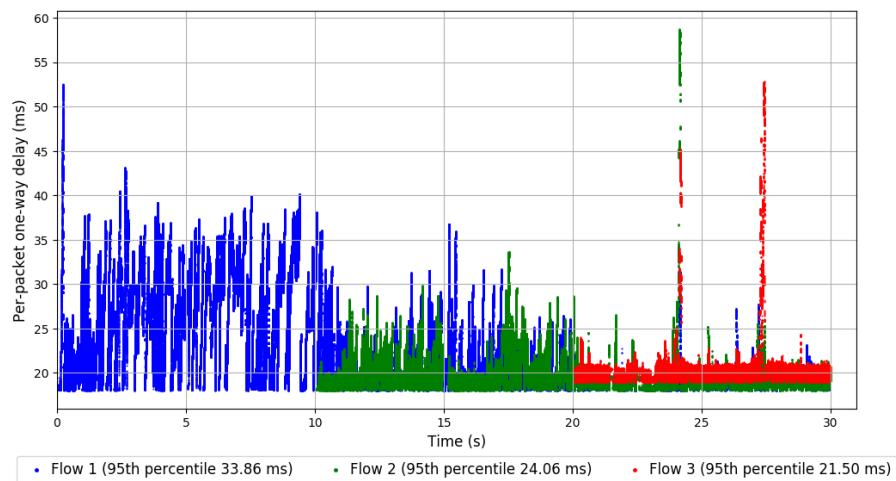
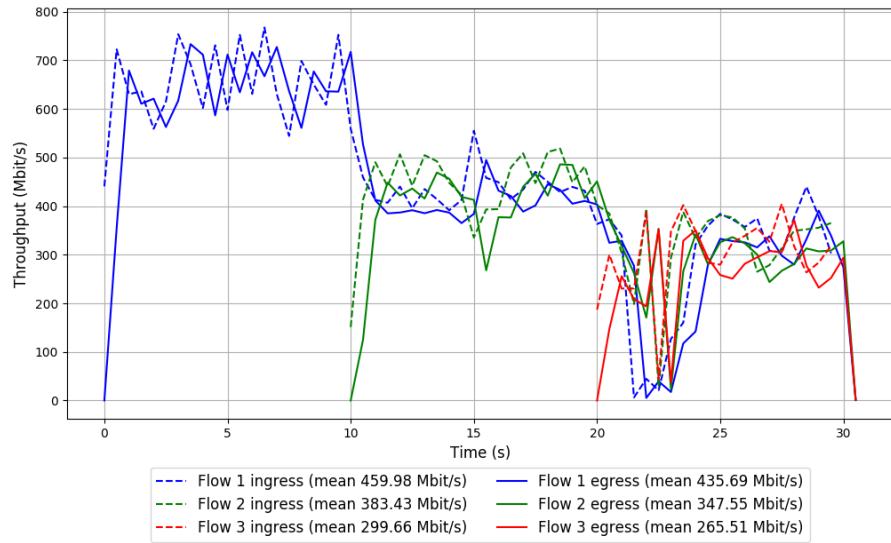


Run 10: Statistics of TCP BBR

```
Start at: 2018-08-22 06:54:11
End at: 2018-08-22 06:54:41
Local clock offset: 0.676 ms
Remote clock offset: 6.865 ms

# Below is generated by plot.py at 2018-08-22 07:34:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 755.47 Mbit/s
95th percentile per-packet one-way delay: 32.446 ms
Loss rate: 7.30%
-- Flow 1:
Average throughput: 435.69 Mbit/s
95th percentile per-packet one-way delay: 33.864 ms
Loss rate: 5.28%
-- Flow 2:
Average throughput: 347.55 Mbit/s
95th percentile per-packet one-way delay: 24.063 ms
Loss rate: 9.35%
-- Flow 3:
Average throughput: 265.51 Mbit/s
95th percentile per-packet one-way delay: 21.502 ms
Loss rate: 11.40%
```

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

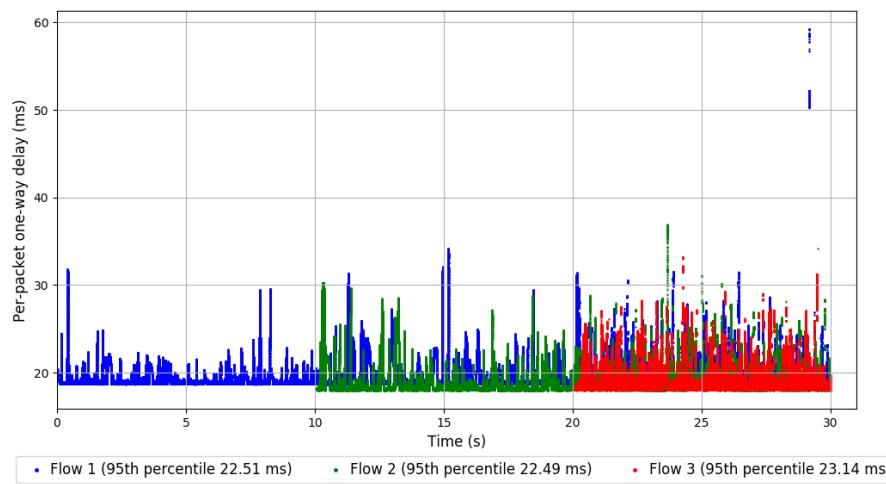
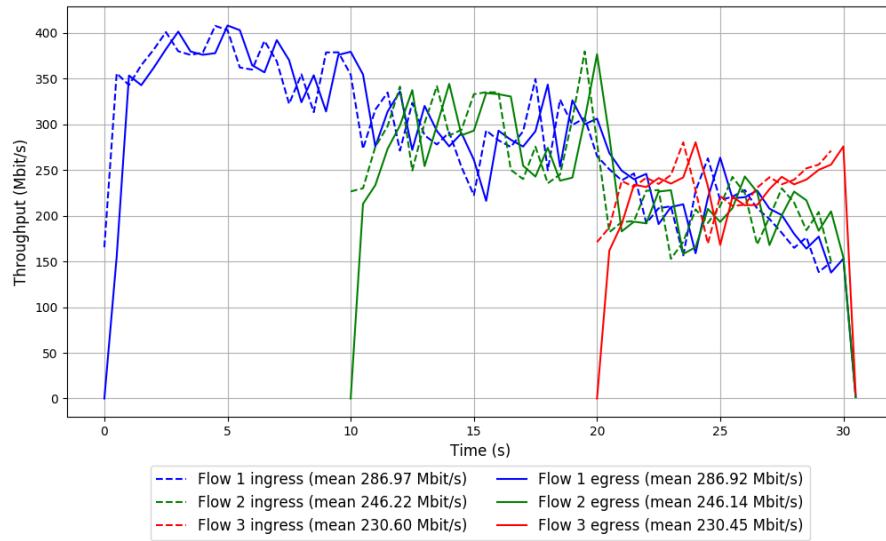


Run 1: Statistics of Copa

```
Start at: 2018-08-22 02:43:02
End at: 2018-08-22 02:43:32
Local clock offset: 1.418 ms
Remote clock offset: 0.369 ms

# Below is generated by plot.py at 2018-08-22 07:37:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 527.50 Mbit/s
95th percentile per-packet one-way delay: 22.584 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 286.92 Mbit/s
95th percentile per-packet one-way delay: 22.508 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 246.14 Mbit/s
95th percentile per-packet one-way delay: 22.490 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 230.45 Mbit/s
95th percentile per-packet one-way delay: 23.139 ms
Loss rate: 0.08%
```

Run 1: Report of Copa — Data Link

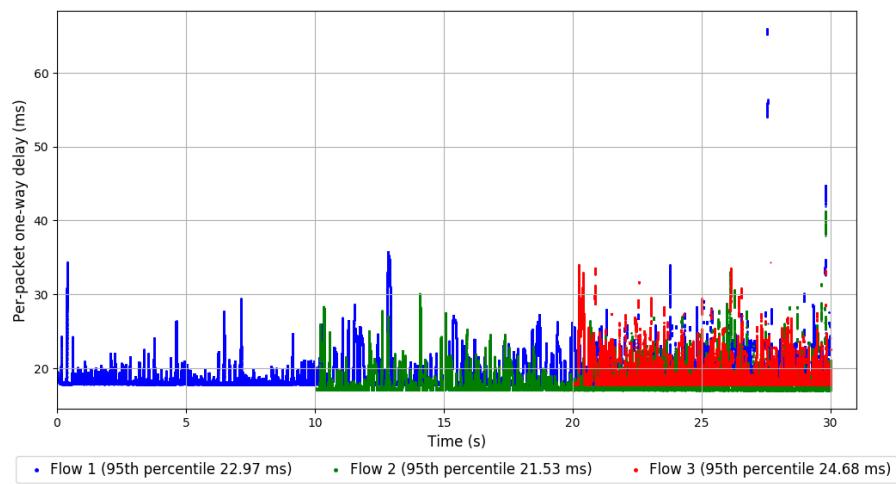
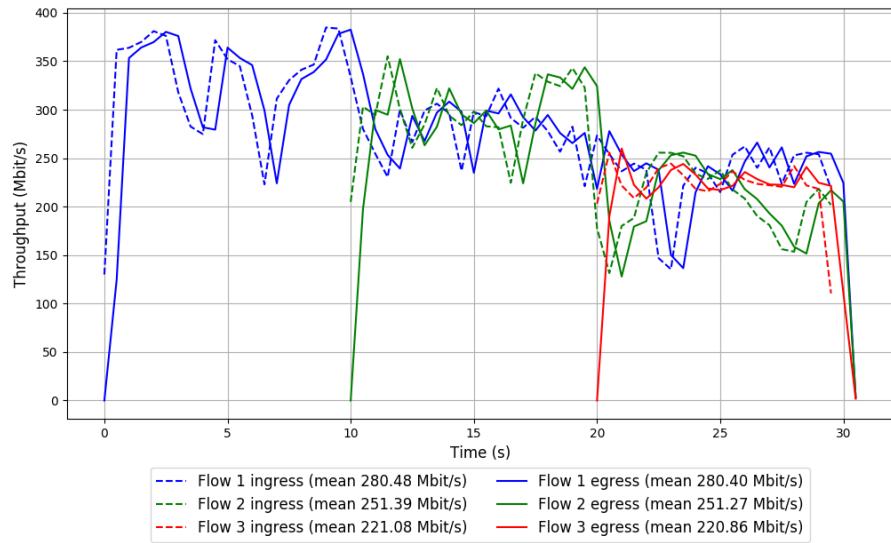


Run 2: Statistics of Copa

```
Start at: 2018-08-22 03:10:26
End at: 2018-08-22 03:10:56
Local clock offset: 1.627 ms
Remote clock offset: 3.178 ms

# Below is generated by plot.py at 2018-08-22 07:37:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 521.16 Mbit/s
95th percentile per-packet one-way delay: 22.837 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 280.40 Mbit/s
95th percentile per-packet one-way delay: 22.967 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 251.27 Mbit/s
95th percentile per-packet one-way delay: 21.529 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 220.86 Mbit/s
95th percentile per-packet one-way delay: 24.681 ms
Loss rate: 0.09%
```

## Run 2: Report of Copa — Data Link

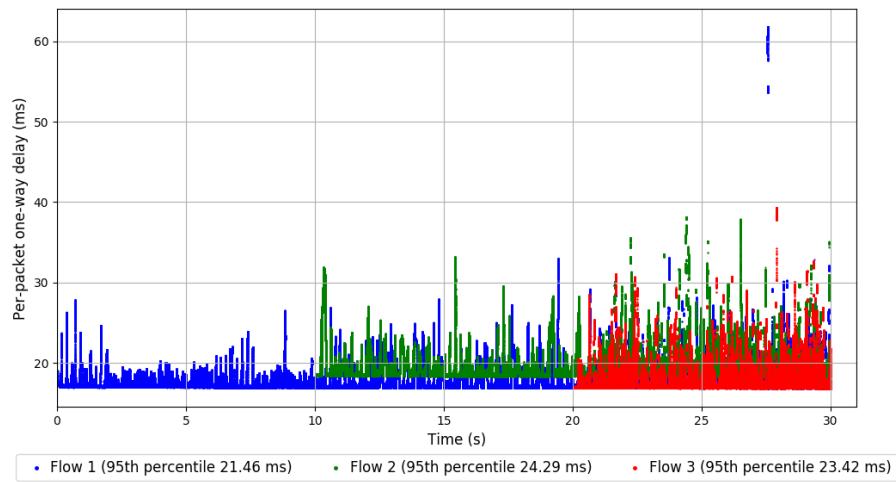
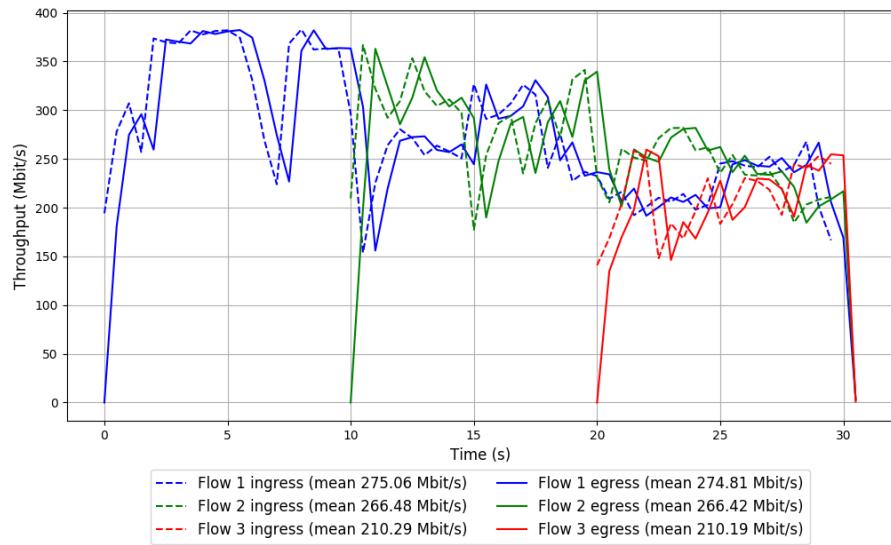


Run 3: Statistics of Copa

```
Start at: 2018-08-22 03:37:39
End at: 2018-08-22 03:38:09
Local clock offset: 0.738 ms
Remote clock offset: 4.238 ms

# Below is generated by plot.py at 2018-08-22 07:37:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 522.05 Mbit/s
95th percentile per-packet one-way delay: 22.744 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 274.81 Mbit/s
95th percentile per-packet one-way delay: 21.464 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 266.42 Mbit/s
95th percentile per-packet one-way delay: 24.290 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 210.19 Mbit/s
95th percentile per-packet one-way delay: 23.416 ms
Loss rate: 0.05%
```

### Run 3: Report of Copa — Data Link

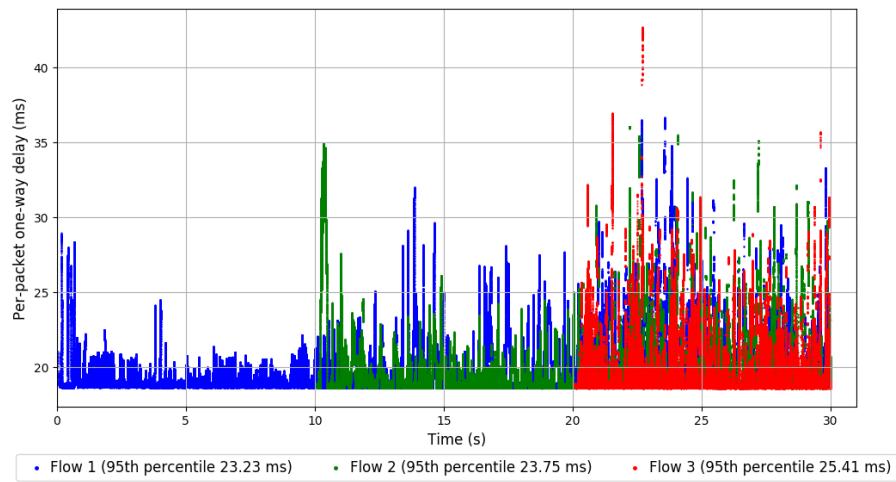
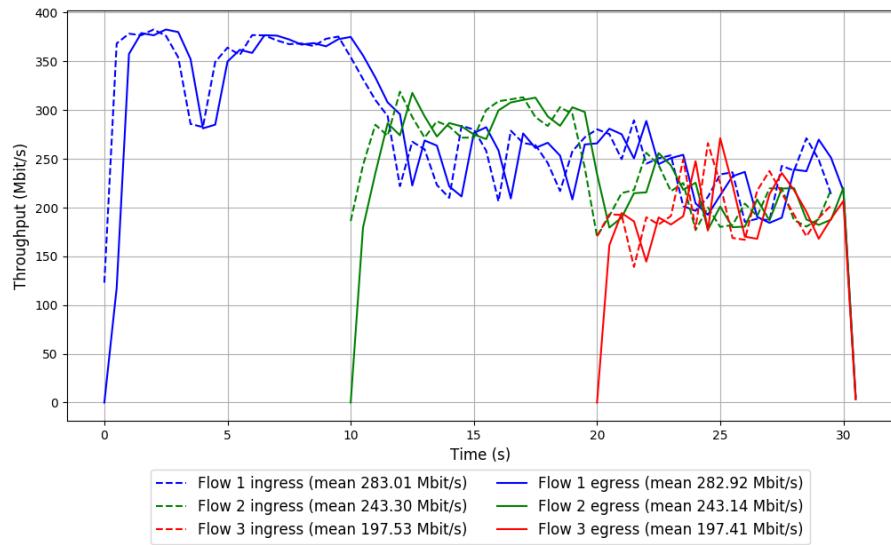


Run 4: Statistics of Copa

```
Start at: 2018-08-22 04:05:07
End at: 2018-08-22 04:05:37
Local clock offset: -3.336 ms
Remote clock offset: 4.273 ms

# Below is generated by plot.py at 2018-08-22 07:37:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 510.51 Mbit/s
95th percentile per-packet one-way delay: 23.718 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 282.92 Mbit/s
95th percentile per-packet one-way delay: 23.226 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 243.14 Mbit/s
95th percentile per-packet one-way delay: 23.749 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 197.41 Mbit/s
95th percentile per-packet one-way delay: 25.406 ms
Loss rate: 0.06%
```

## Run 4: Report of Copa — Data Link

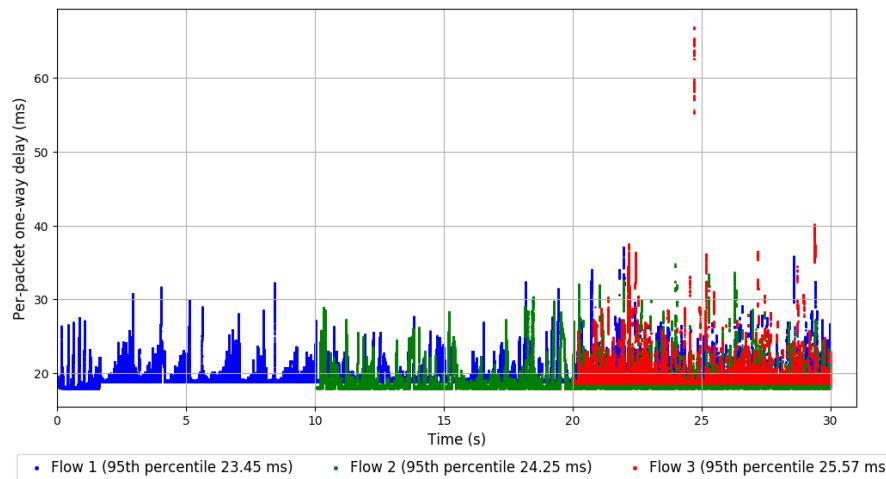
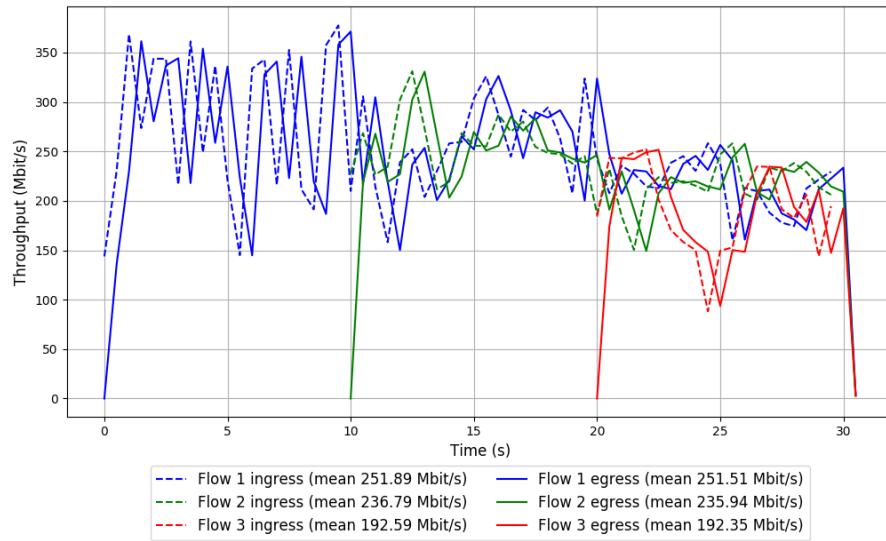


Run 5: Statistics of Copa

```
Start at: 2018-08-22 04:32:20
End at: 2018-08-22 04:32:50
Local clock offset: -2.985 ms
Remote clock offset: 3.498 ms

# Below is generated by plot.py at 2018-08-22 07:37:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 472.62 Mbit/s
95th percentile per-packet one-way delay: 23.920 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 251.51 Mbit/s
95th percentile per-packet one-way delay: 23.453 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 235.94 Mbit/s
95th percentile per-packet one-way delay: 24.252 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 192.35 Mbit/s
95th percentile per-packet one-way delay: 25.566 ms
Loss rate: 0.14%
```

Run 5: Report of Copa — Data Link

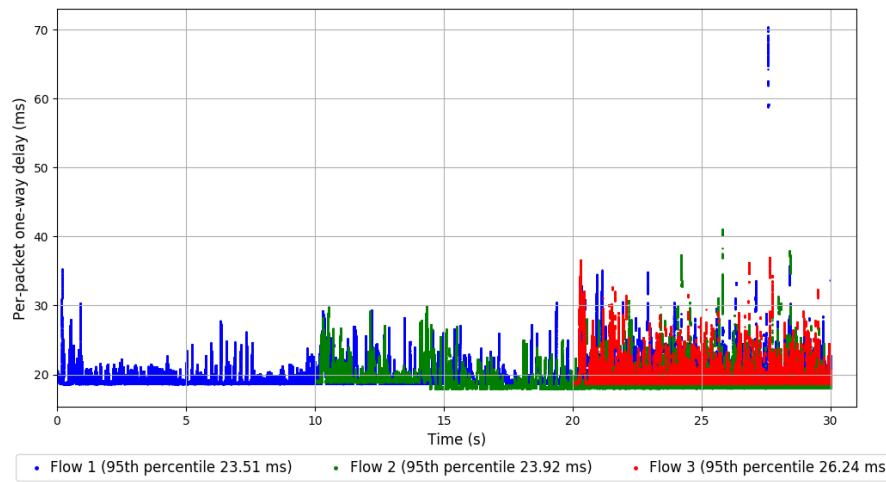
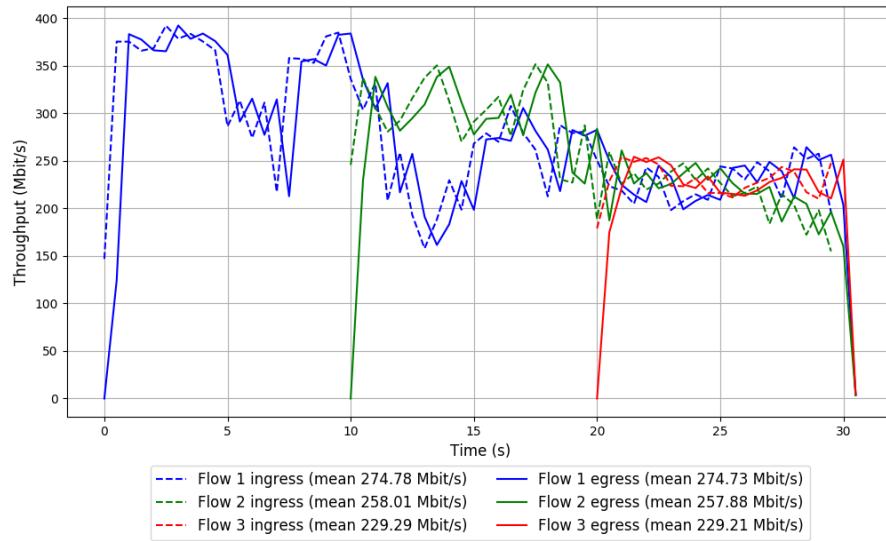


Run 6: Statistics of Copa

```
Start at: 2018-08-22 04:59:33
End at: 2018-08-22 05:00:04
Local clock offset: 0.935 ms
Remote clock offset: -0.764 ms

# Below is generated by plot.py at 2018-08-22 07:37:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 522.69 Mbit/s
95th percentile per-packet one-way delay: 24.106 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 274.73 Mbit/s
95th percentile per-packet one-way delay: 23.506 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 257.88 Mbit/s
95th percentile per-packet one-way delay: 23.916 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 229.21 Mbit/s
95th percentile per-packet one-way delay: 26.236 ms
Loss rate: 0.03%
```

Run 6: Report of Copa — Data Link

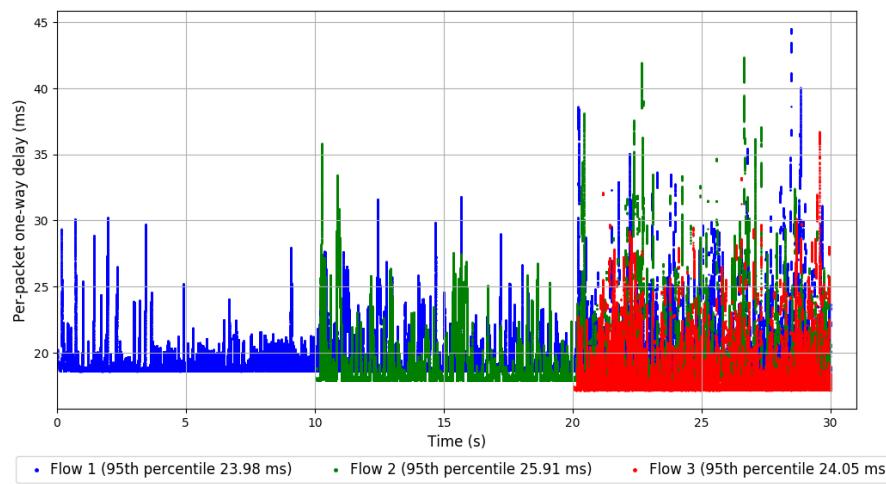
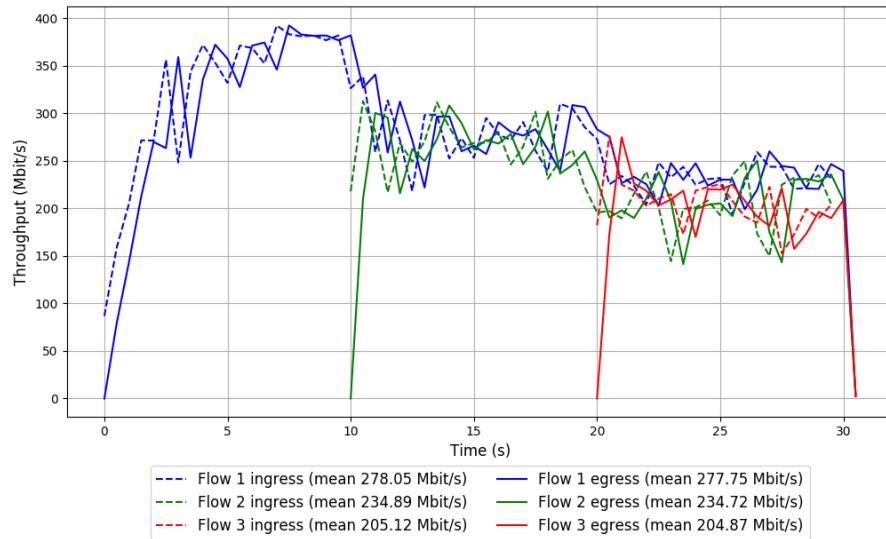


Run 7: Statistics of Copa

```
Start at: 2018-08-22 05:26:54
End at: 2018-08-22 05:27:24
Local clock offset: 1.011 ms
Remote clock offset: -2.686 ms

# Below is generated by plot.py at 2018-08-22 07:45:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 502.24 Mbit/s
95th percentile per-packet one-way delay: 24.713 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 277.75 Mbit/s
95th percentile per-packet one-way delay: 23.978 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 234.72 Mbit/s
95th percentile per-packet one-way delay: 25.911 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 204.87 Mbit/s
95th percentile per-packet one-way delay: 24.051 ms
Loss rate: 0.11%
```

## Run 7: Report of Copa — Data Link

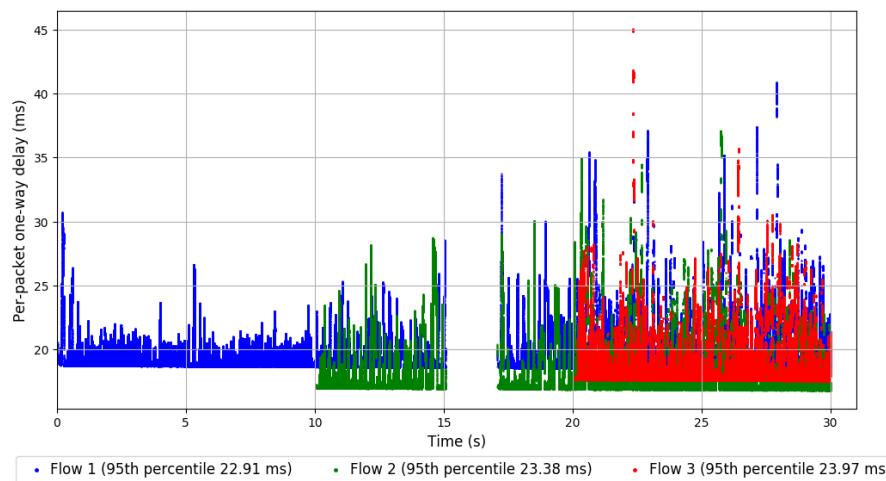
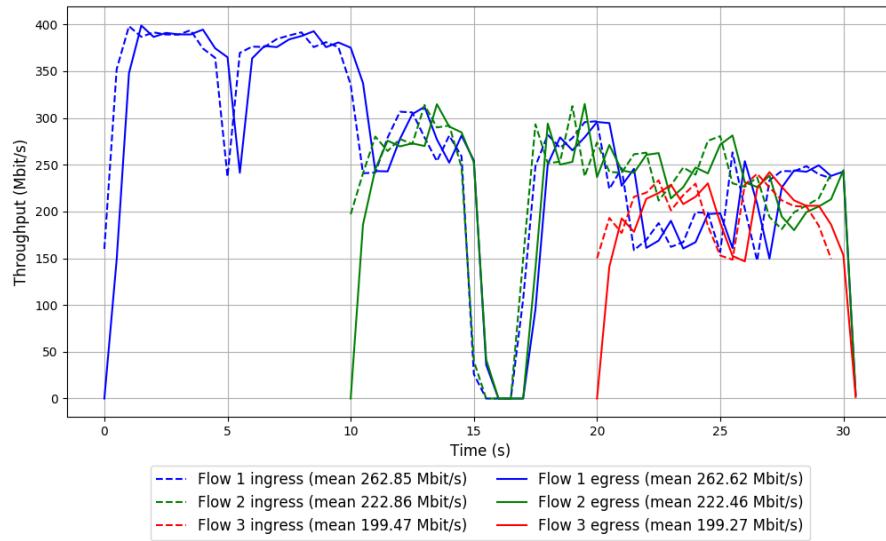


Run 8: Statistics of Copa

```
Start at: 2018-08-22 05:54:03
End at: 2018-08-22 05:54:33
Local clock offset: -2.45 ms
Remote clock offset: -0.516 ms

# Below is generated by plot.py at 2018-08-22 07:45:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 477.03 Mbit/s
95th percentile per-packet one-way delay: 23.241 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 262.62 Mbit/s
95th percentile per-packet one-way delay: 22.912 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 222.46 Mbit/s
95th percentile per-packet one-way delay: 23.380 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 199.27 Mbit/s
95th percentile per-packet one-way delay: 23.968 ms
Loss rate: 0.09%
```

## Run 8: Report of Copa — Data Link

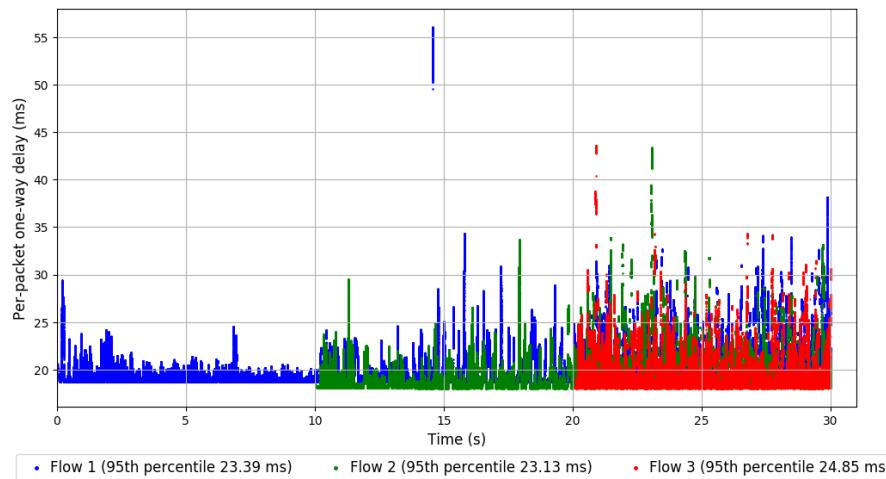
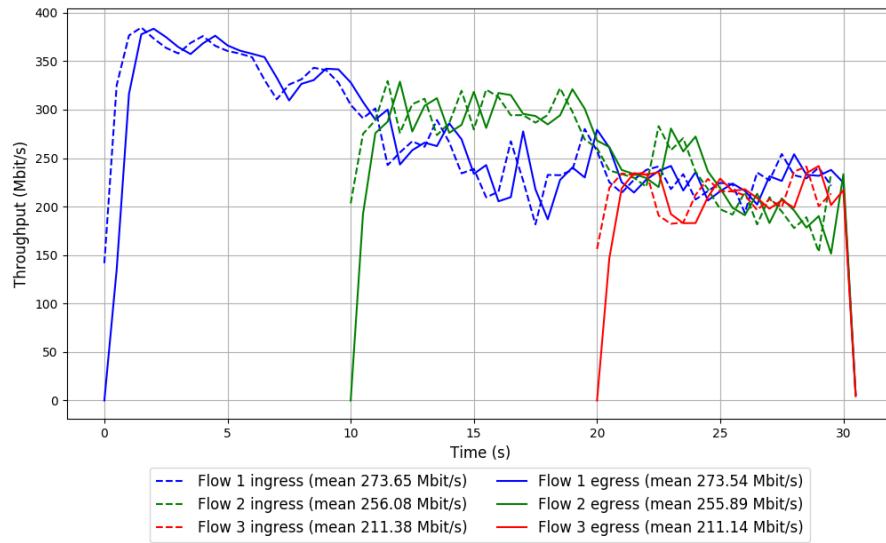


Run 9: Statistics of Copa

```
Start at: 2018-08-22 06:21:01
End at: 2018-08-22 06:21:31
Local clock offset: 0.18 ms
Remote clock offset: 4.61 ms

# Below is generated by plot.py at 2018-08-22 07:47:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 514.20 Mbit/s
95th percentile per-packet one-way delay: 23.550 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 273.54 Mbit/s
95th percentile per-packet one-way delay: 23.385 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 255.89 Mbit/s
95th percentile per-packet one-way delay: 23.129 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 211.14 Mbit/s
95th percentile per-packet one-way delay: 24.850 ms
Loss rate: 0.07%
```

Run 9: Report of Copa — Data Link

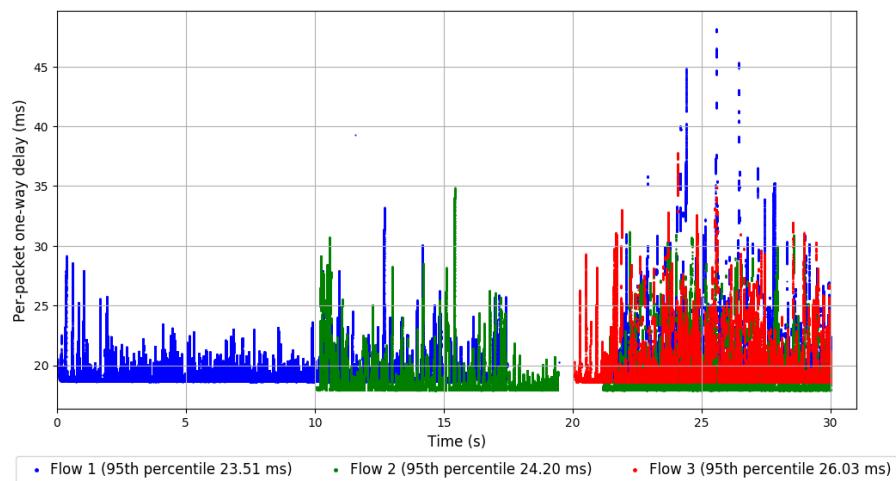
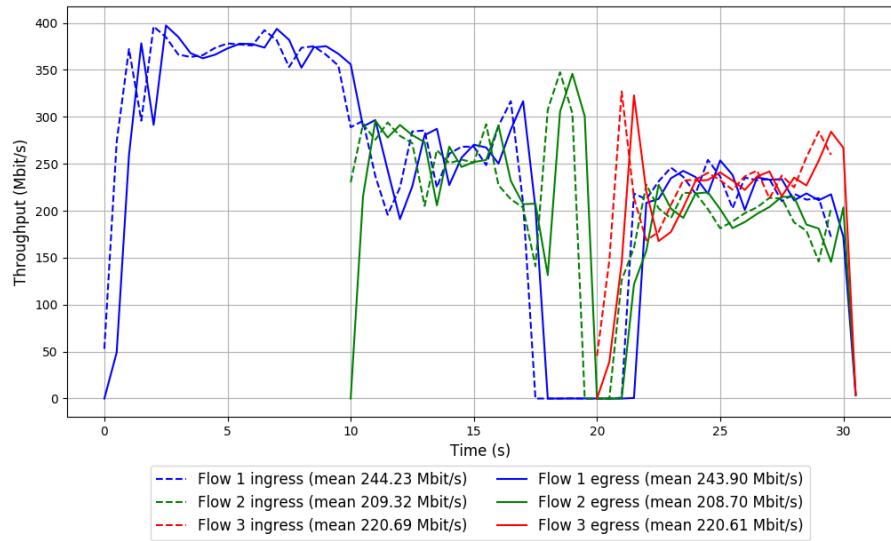


Run 10: Statistics of Copa

```
Start at: 2018-08-22 06:47:51
End at: 2018-08-22 06:48:21
Local clock offset: 0.733 ms
Remote clock offset: 6.369 ms

# Below is generated by plot.py at 2018-08-22 07:47:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 456.28 Mbit/s
95th percentile per-packet one-way delay: 24.272 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 243.90 Mbit/s
95th percentile per-packet one-way delay: 23.506 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 208.70 Mbit/s
95th percentile per-packet one-way delay: 24.200 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 220.61 Mbit/s
95th percentile per-packet one-way delay: 26.027 ms
Loss rate: 0.04%
```

## Run 10: Report of Copa — Data Link

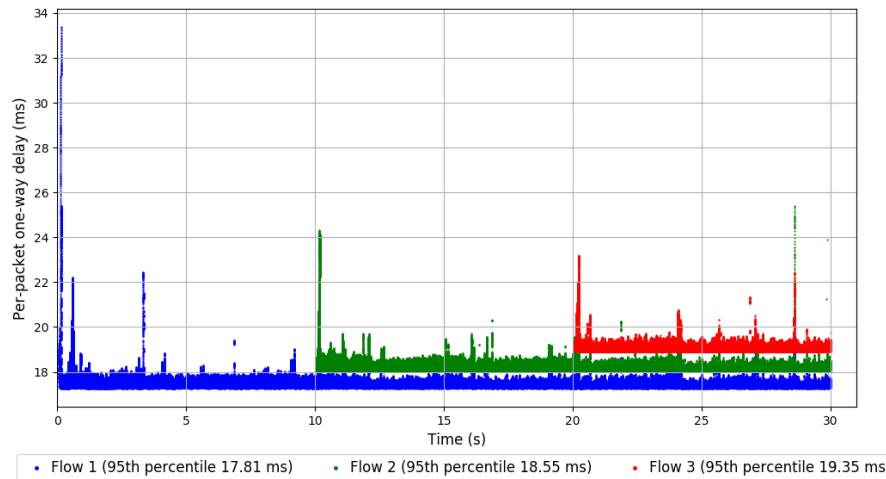
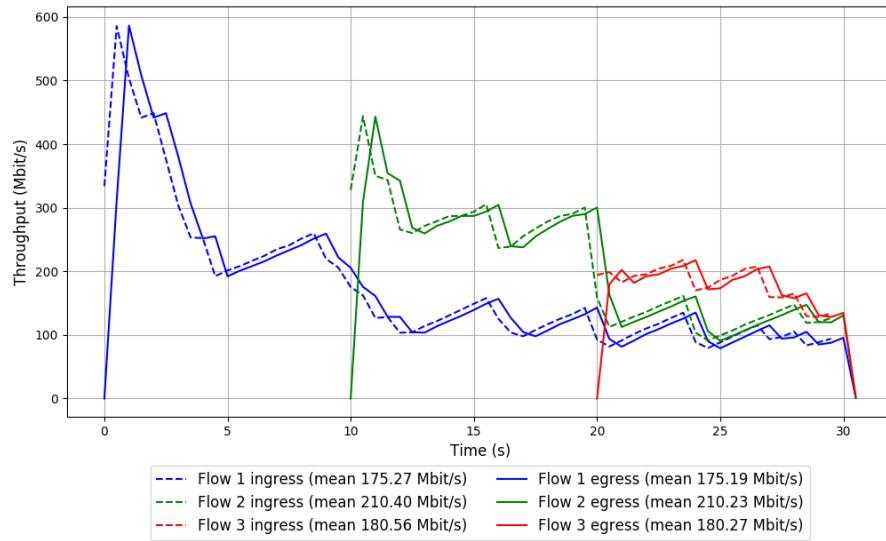


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2018-08-22 02:51:17
End at: 2018-08-22 02:51:47
Local clock offset: 1.618 ms
Remote clock offset: 0.697 ms

# Below is generated by plot.py at 2018-08-22 07:47:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 375.27 Mbit/s
95th percentile per-packet one-way delay: 19.136 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 175.19 Mbit/s
95th percentile per-packet one-way delay: 17.814 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 210.23 Mbit/s
95th percentile per-packet one-way delay: 18.548 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 180.27 Mbit/s
95th percentile per-packet one-way delay: 19.348 ms
Loss rate: 0.15%
```

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

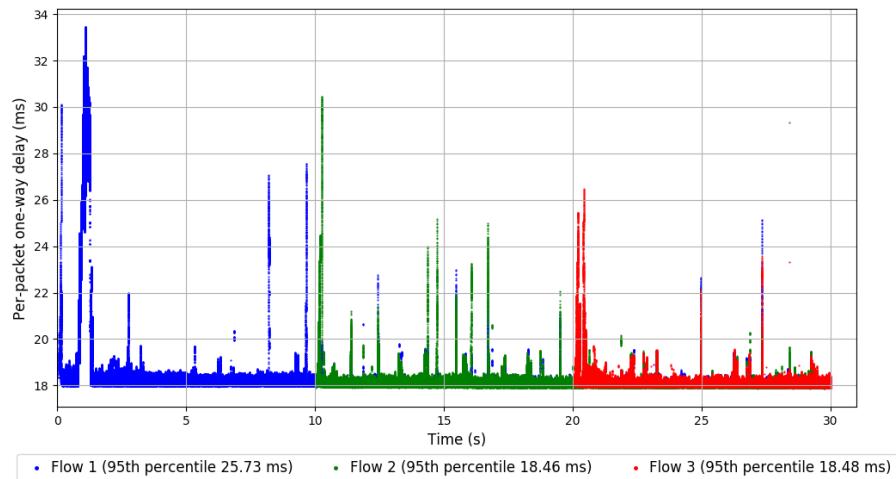
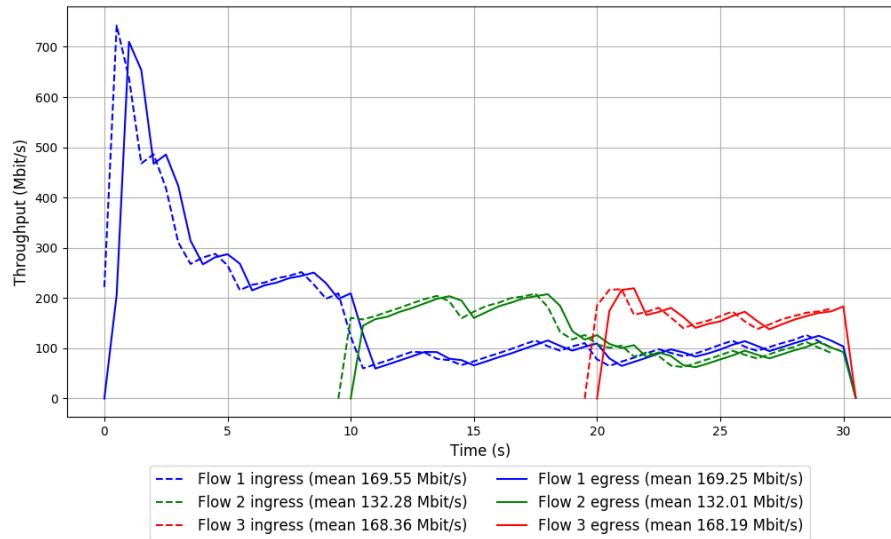


Run 2: Statistics of TCP Cubic

```
Start at: 2018-08-22 03:18:44
End at: 2018-08-22 03:19:14
Local clock offset: 0.968 ms
Remote clock offset: 4.036 ms

# Below is generated by plot.py at 2018-08-22 07:47:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 313.26 Mbit/s
95th percentile per-packet one-way delay: 19.910 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 169.25 Mbit/s
95th percentile per-packet one-way delay: 25.730 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 132.01 Mbit/s
95th percentile per-packet one-way delay: 18.460 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 168.19 Mbit/s
95th percentile per-packet one-way delay: 18.476 ms
Loss rate: 0.10%
```

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

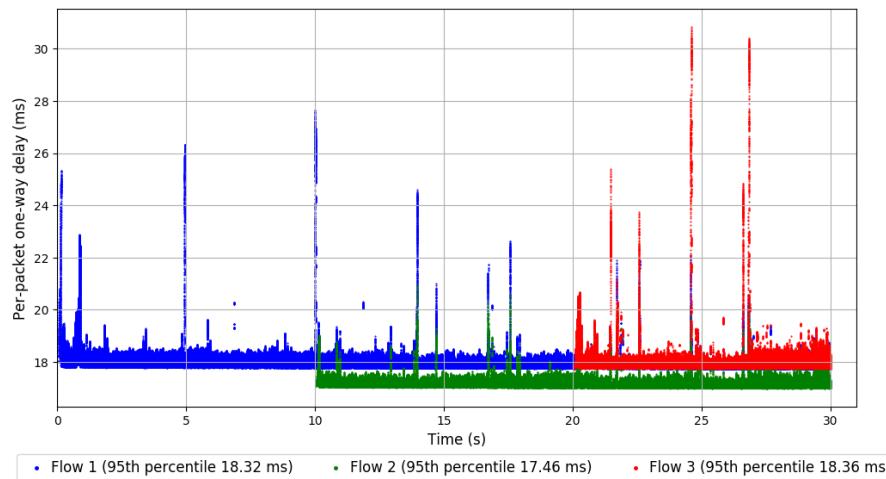
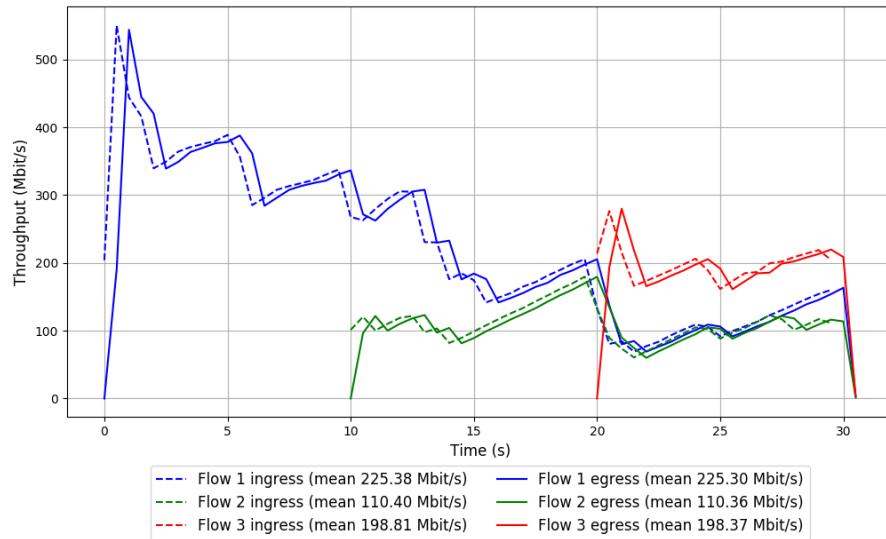


Run 3: Statistics of TCP Cubic

```
Start at: 2018-08-22 03:45:58
End at: 2018-08-22 03:46:28
Local clock offset: -1.484 ms
Remote clock offset: 3.86 ms

# Below is generated by plot.py at 2018-08-22 07:47:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 364.72 Mbit/s
95th percentile per-packet one-way delay: 18.296 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 225.30 Mbit/s
95th percentile per-packet one-way delay: 18.320 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 110.36 Mbit/s
95th percentile per-packet one-way delay: 17.461 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 198.37 Mbit/s
95th percentile per-packet one-way delay: 18.362 ms
Loss rate: 0.22%
```

Run 3: Report of TCP Cubic — Data Link

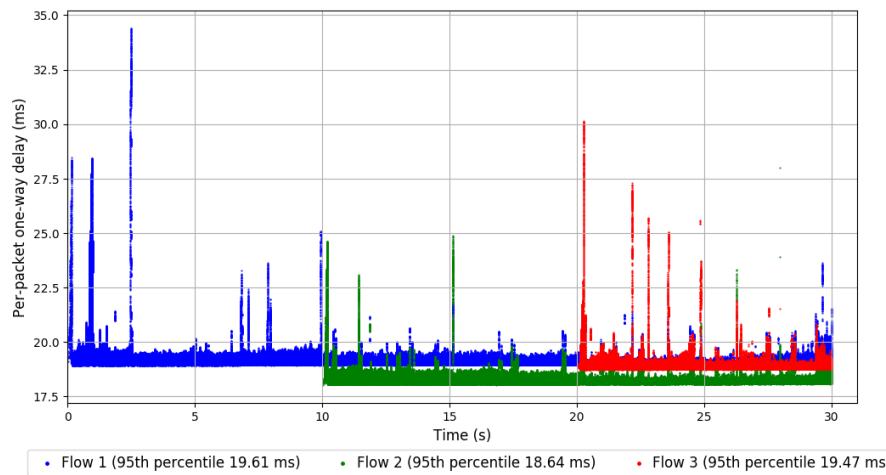
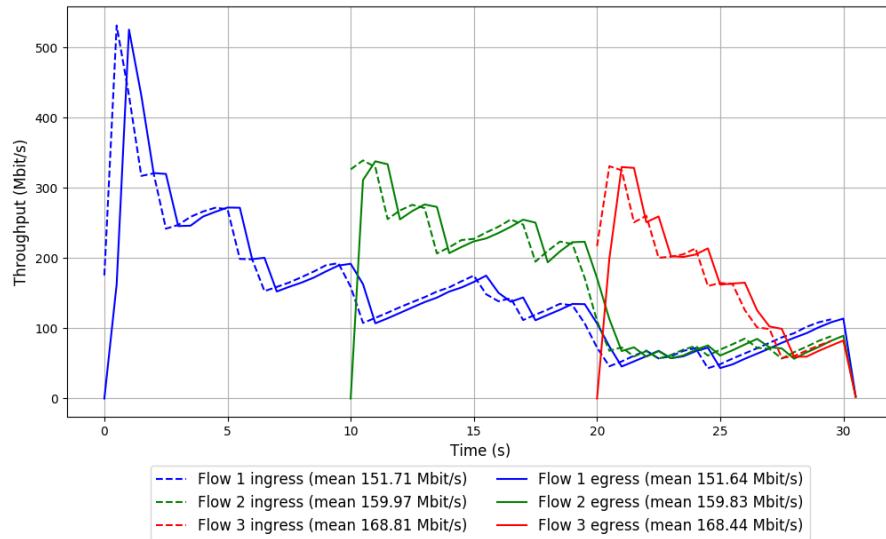


Run 4: Statistics of TCP Cubic

```
Start at: 2018-08-22 04:13:22
End at: 2018-08-22 04:13:52
Local clock offset: -2.985 ms
Remote clock offset: 3.674 ms

# Below is generated by plot.py at 2018-08-22 07:47:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 314.09 Mbit/s
95th percentile per-packet one-way delay: 19.479 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 151.64 Mbit/s
95th percentile per-packet one-way delay: 19.610 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 159.83 Mbit/s
95th percentile per-packet one-way delay: 18.642 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 168.44 Mbit/s
95th percentile per-packet one-way delay: 19.474 ms
Loss rate: 0.21%
```

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

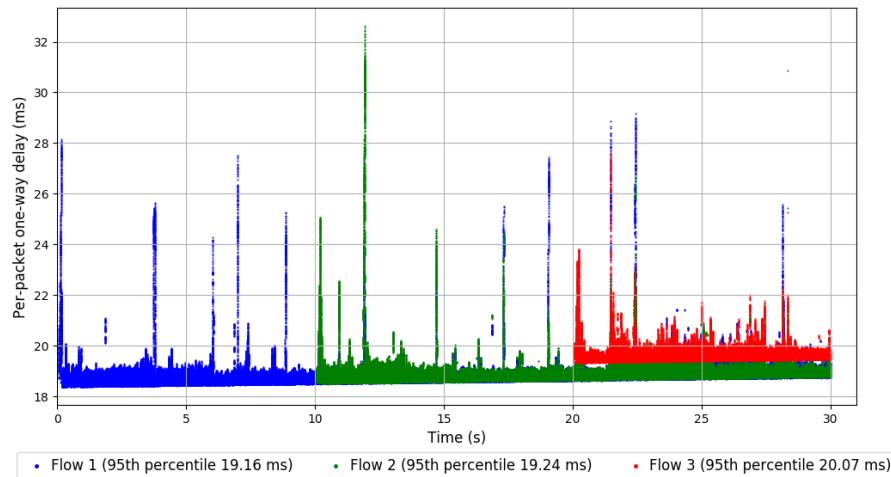
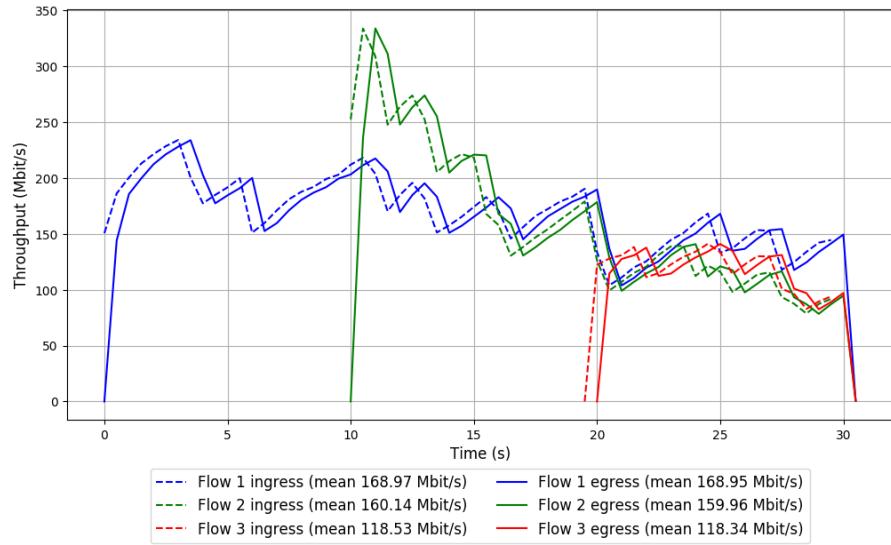


Run 5: Statistics of TCP Cubic

```
Start at: 2018-08-22 04:40:28
End at: 2018-08-22 04:40:58
Local clock offset: -2.01 ms
Remote clock offset: 3.616 ms

# Below is generated by plot.py at 2018-08-22 07:47:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 314.95 Mbit/s
95th percentile per-packet one-way delay: 19.714 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 168.95 Mbit/s
95th percentile per-packet one-way delay: 19.161 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 159.96 Mbit/s
95th percentile per-packet one-way delay: 19.241 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 118.34 Mbit/s
95th percentile per-packet one-way delay: 20.065 ms
Loss rate: 0.16%
```

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

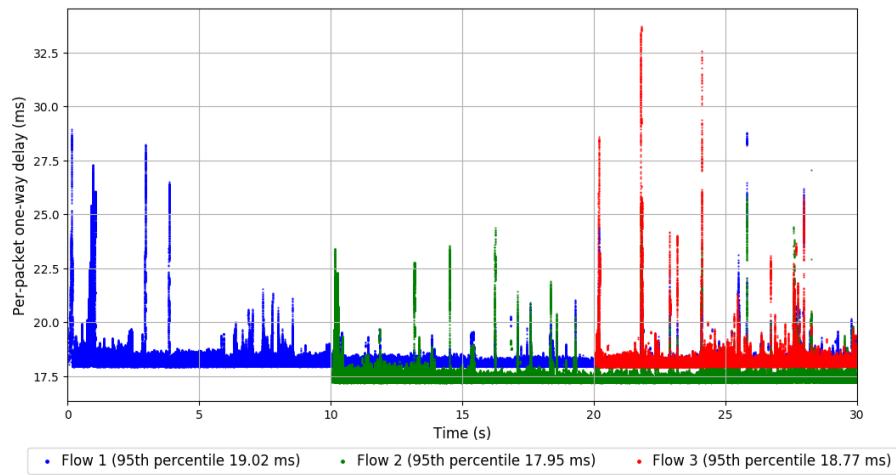
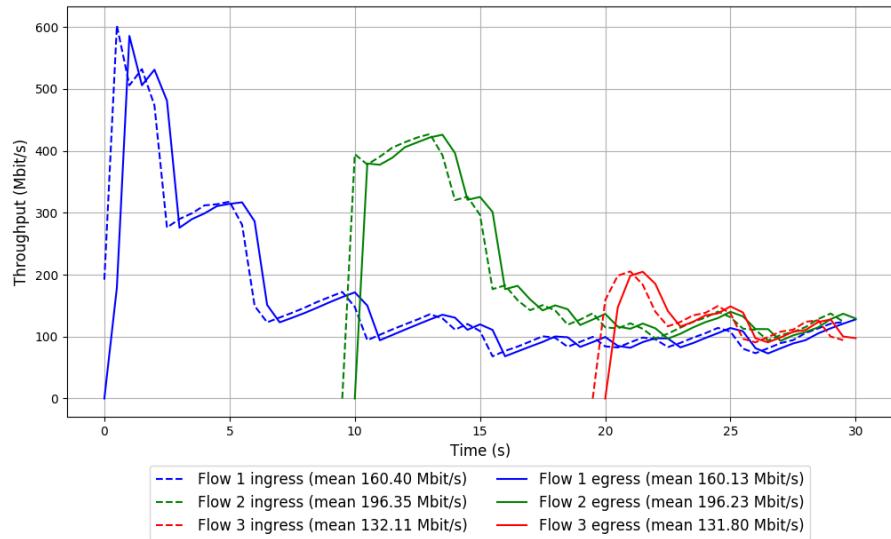


Run 6: Statistics of TCP Cubic

```
Start at: 2018-08-22 05:07:46
End at: 2018-08-22 05:08:16
Local clock offset: 1.301 ms
Remote clock offset: -1.406 ms

# Below is generated by plot.py at 2018-08-22 07:47:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 334.78 Mbit/s
95th percentile per-packet one-way delay: 18.698 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 160.13 Mbit/s
95th percentile per-packet one-way delay: 19.018 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 196.23 Mbit/s
95th percentile per-packet one-way delay: 17.955 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 131.80 Mbit/s
95th percentile per-packet one-way delay: 18.773 ms
Loss rate: 0.24%
```

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

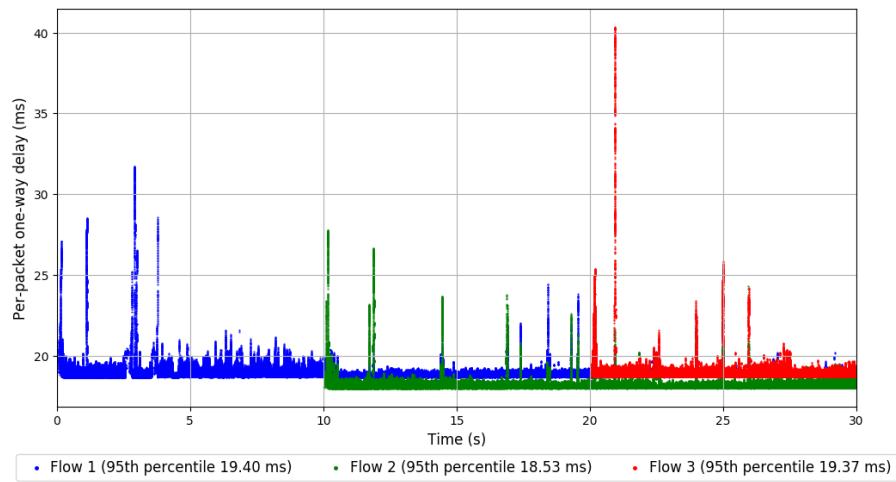
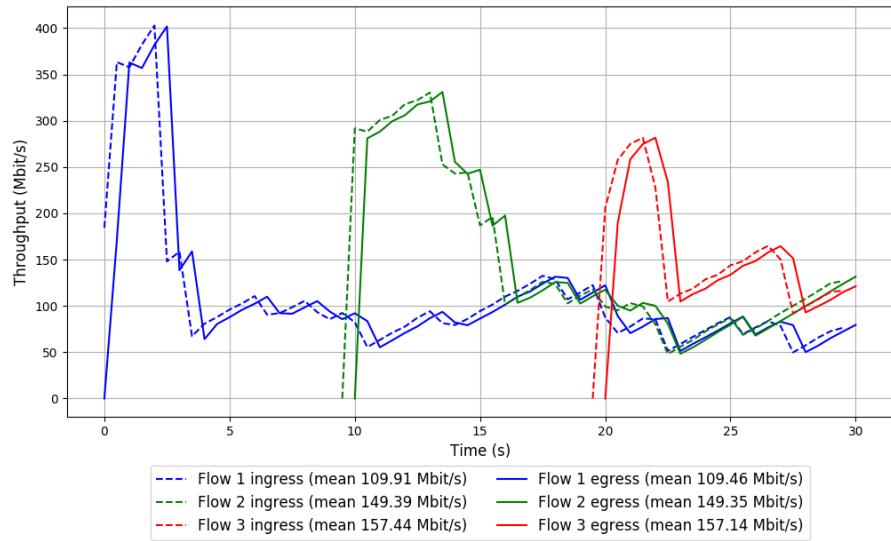


Run 7: Statistics of TCP Cubic

```
Start at: 2018-08-22 05:35:04
End at: 2018-08-22 05:35:34
Local clock offset: 1.097 ms
Remote clock offset: -3.099 ms

# Below is generated by plot.py at 2018-08-22 07:47:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 261.31 Mbit/s
95th percentile per-packet one-way delay: 19.297 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 109.46 Mbit/s
95th percentile per-packet one-way delay: 19.400 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 149.35 Mbit/s
95th percentile per-packet one-way delay: 18.530 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 157.14 Mbit/s
95th percentile per-packet one-way delay: 19.366 ms
Loss rate: 0.19%
```

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

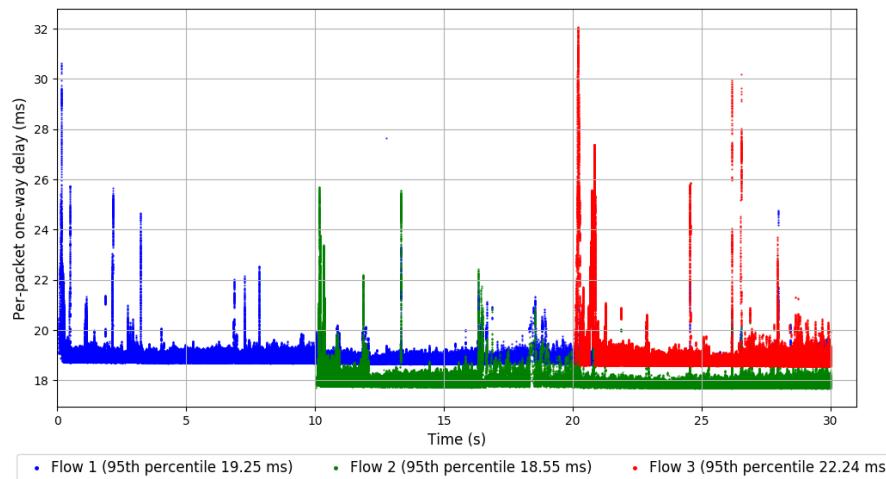
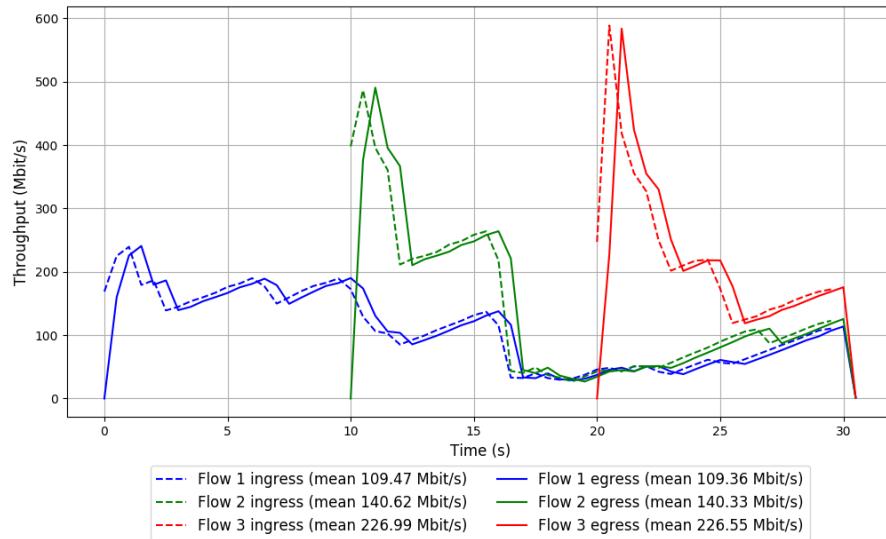


Run 8: Statistics of TCP Cubic

```
Start at: 2018-08-22 06:02:13
End at: 2018-08-22 06:02:43
Local clock offset: -2.896 ms
Remote clock offset: 2.171 ms

# Below is generated by plot.py at 2018-08-22 07:47:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 278.14 Mbit/s
95th percentile per-packet one-way delay: 19.402 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 109.36 Mbit/s
95th percentile per-packet one-way delay: 19.246 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 140.33 Mbit/s
95th percentile per-packet one-way delay: 18.547 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 226.55 Mbit/s
95th percentile per-packet one-way delay: 22.236 ms
Loss rate: 0.20%
```

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

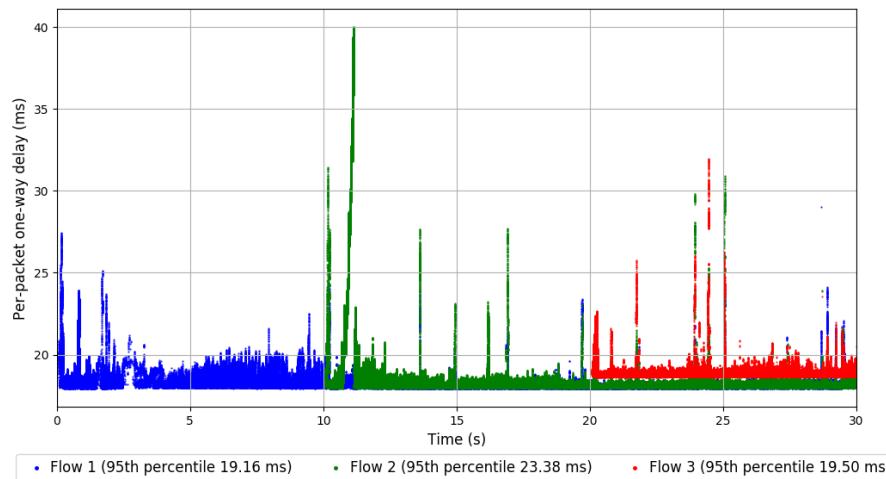
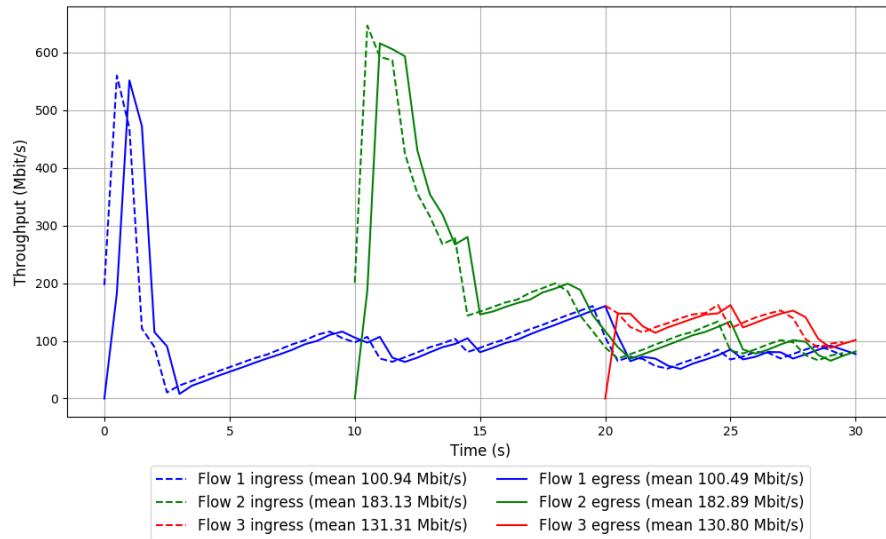


Run 9: Statistics of TCP Cubic

```
Start at: 2018-08-22 06:28:58
End at: 2018-08-22 06:29:28
Local clock offset: 0.907 ms
Remote clock offset: 5.195 ms

# Below is generated by plot.py at 2018-08-22 07:47:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 265.78 Mbit/s
95th percentile per-packet one-way delay: 20.219 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 100.49 Mbit/s
95th percentile per-packet one-way delay: 19.155 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 182.89 Mbit/s
95th percentile per-packet one-way delay: 23.376 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 130.80 Mbit/s
95th percentile per-packet one-way delay: 19.504 ms
Loss rate: 0.39%
```

Run 9: Report of TCP Cubic — Data Link

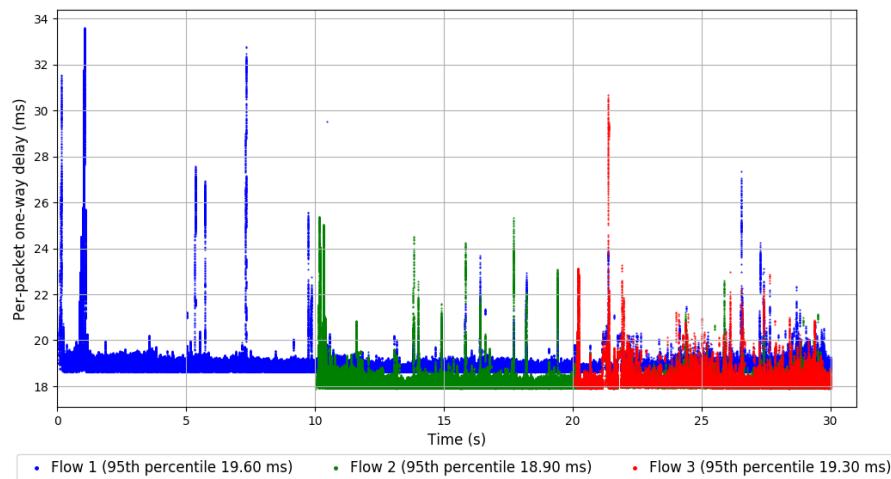
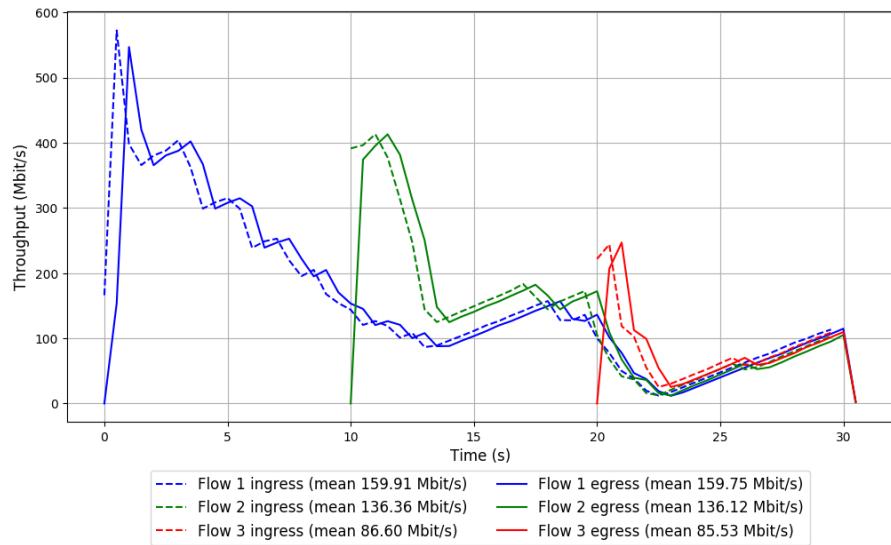


Run 10: Statistics of TCP Cubic

```
Start at: 2018-08-22 06:56:01
End at: 2018-08-22 06:56:31
Local clock offset: 0.758 ms
Remote clock offset: 6.943 ms

# Below is generated by plot.py at 2018-08-22 07:47:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 278.85 Mbit/s
95th percentile per-packet one-way delay: 19.392 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 159.75 Mbit/s
95th percentile per-packet one-way delay: 19.602 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 136.12 Mbit/s
95th percentile per-packet one-way delay: 18.897 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 85.53 Mbit/s
95th percentile per-packet one-way delay: 19.302 ms
Loss rate: 1.23%
```

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

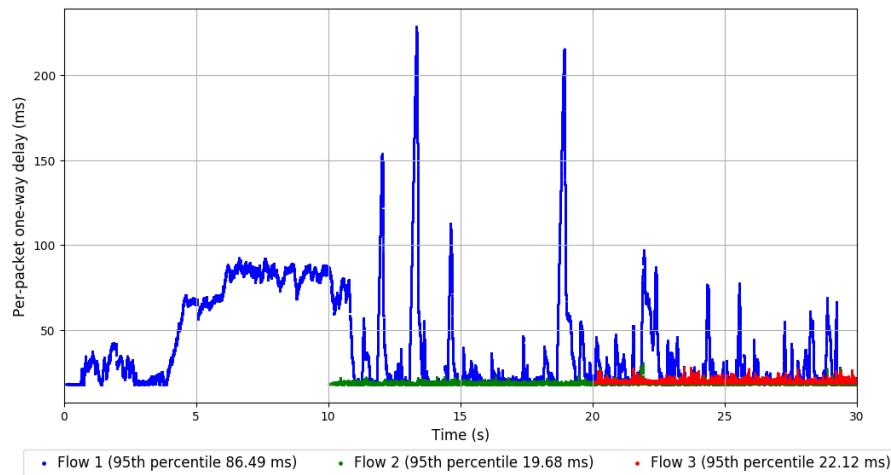
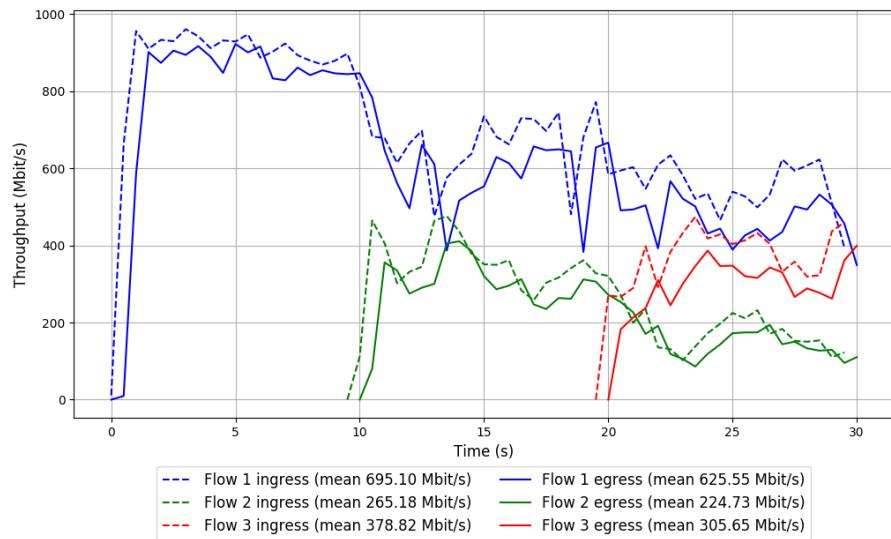


```
Run 1: Statistics of FillP

Start at: 2018-08-22 02:36:38
End at: 2018-08-22 02:37:08
Local clock offset: 1.491 ms
Remote clock offset: 0.186 ms

# Below is generated by plot.py at 2018-08-22 07:57:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 876.72 Mbit/s
95th percentile per-packet one-way delay: 85.683 ms
Loss rate: 12.10%
-- Flow 1:
Average throughput: 625.55 Mbit/s
95th percentile per-packet one-way delay: 86.489 ms
Loss rate: 10.00%
-- Flow 2:
Average throughput: 224.73 Mbit/s
95th percentile per-packet one-way delay: 19.676 ms
Loss rate: 15.25%
-- Flow 3:
Average throughput: 305.65 Mbit/s
95th percentile per-packet one-way delay: 22.116 ms
Loss rate: 19.31%
```

## Run 1: Report of FillP — Data Link

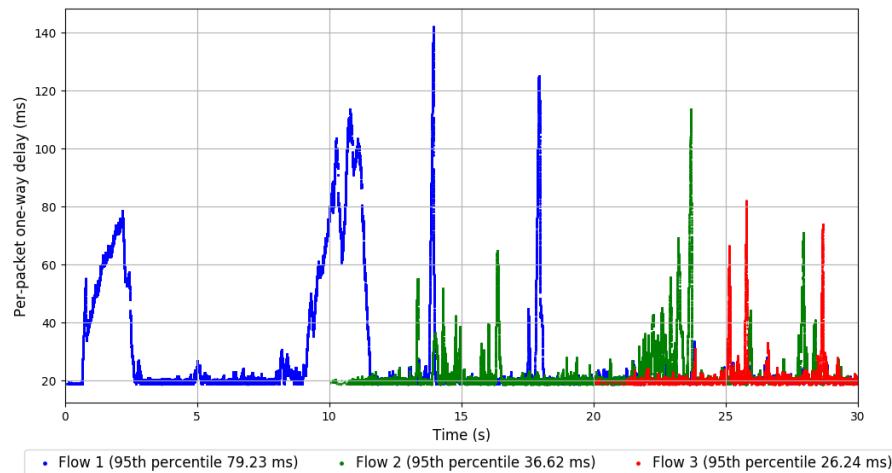
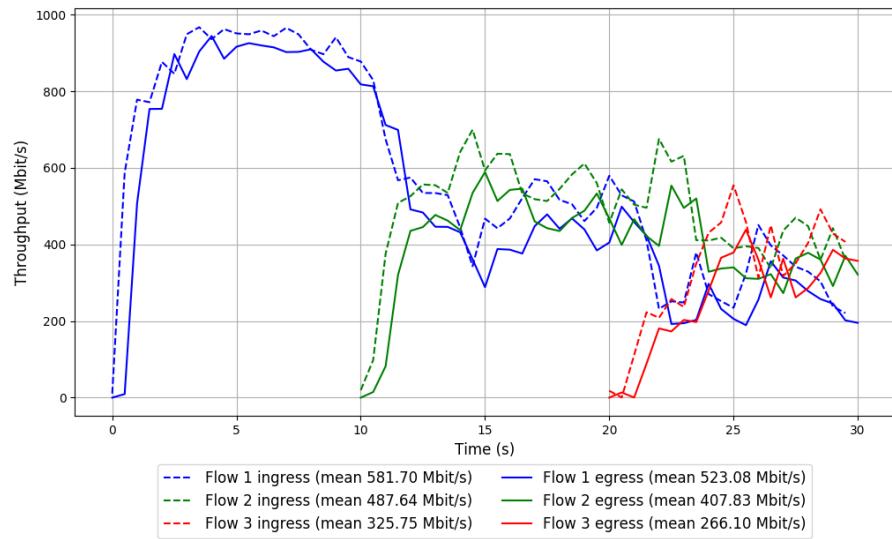


Run 2: Statistics of FillP

```
Start at: 2018-08-22 03:03:58
End at: 2018-08-22 03:04:28
Local clock offset: 1.838 ms
Remote clock offset: 2.213 ms

# Below is generated by plot.py at 2018-08-22 07:58:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 882.81 Mbit/s
95th percentile per-packet one-way delay: 70.064 ms
Loss rate: 12.97%
-- Flow 1:
Average throughput: 523.08 Mbit/s
95th percentile per-packet one-way delay: 79.233 ms
Loss rate: 10.08%
-- Flow 2:
Average throughput: 407.83 Mbit/s
95th percentile per-packet one-way delay: 36.623 ms
Loss rate: 16.37%
-- Flow 3:
Average throughput: 266.10 Mbit/s
95th percentile per-packet one-way delay: 26.237 ms
Loss rate: 18.32%
```

## Run 2: Report of FillP — Data Link

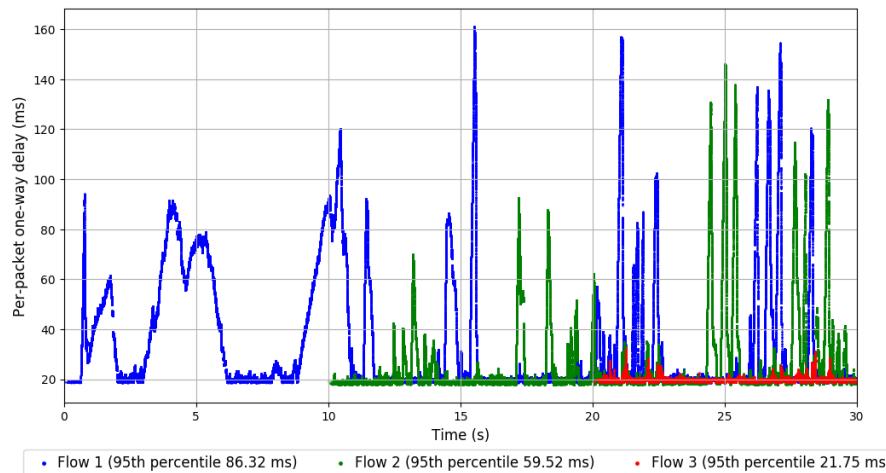
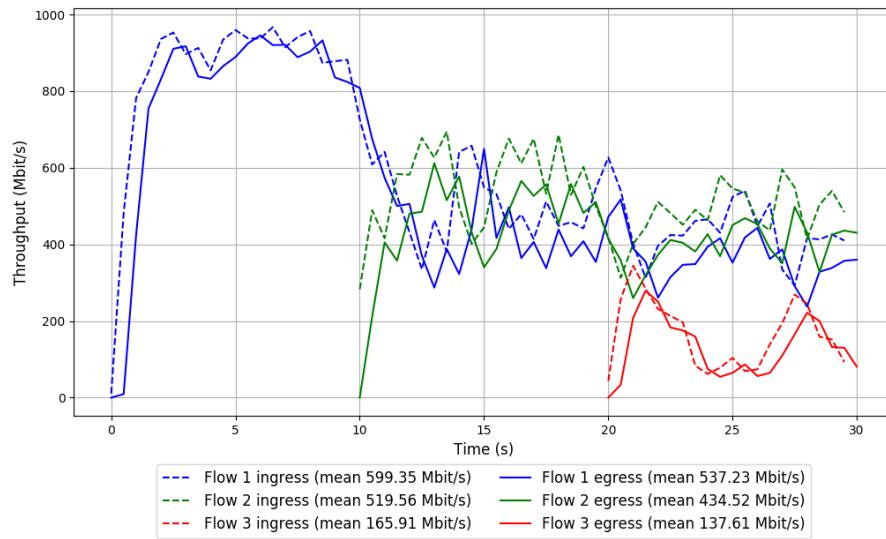


```
Run 3: Statistics of FillP

Start at: 2018-08-22 03:31:18
End at: 2018-08-22 03:31:48
Local clock offset: 0.853 ms
Remote clock offset: 5.101 ms

# Below is generated by plot.py at 2018-08-22 07:58:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 872.19 Mbit/s
95th percentile per-packet one-way delay: 83.692 ms
Loss rate: 12.81%
-- Flow 1:
Average throughput: 537.23 Mbit/s
95th percentile per-packet one-way delay: 86.320 ms
Loss rate: 10.36%
-- Flow 2:
Average throughput: 434.52 Mbit/s
95th percentile per-packet one-way delay: 59.523 ms
Loss rate: 16.37%
-- Flow 3:
Average throughput: 137.61 Mbit/s
95th percentile per-packet one-way delay: 21.750 ms
Loss rate: 17.04%
```

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

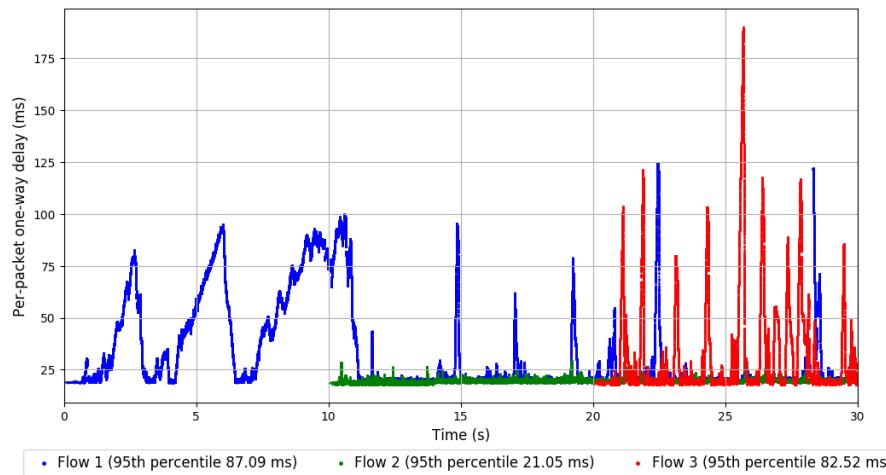
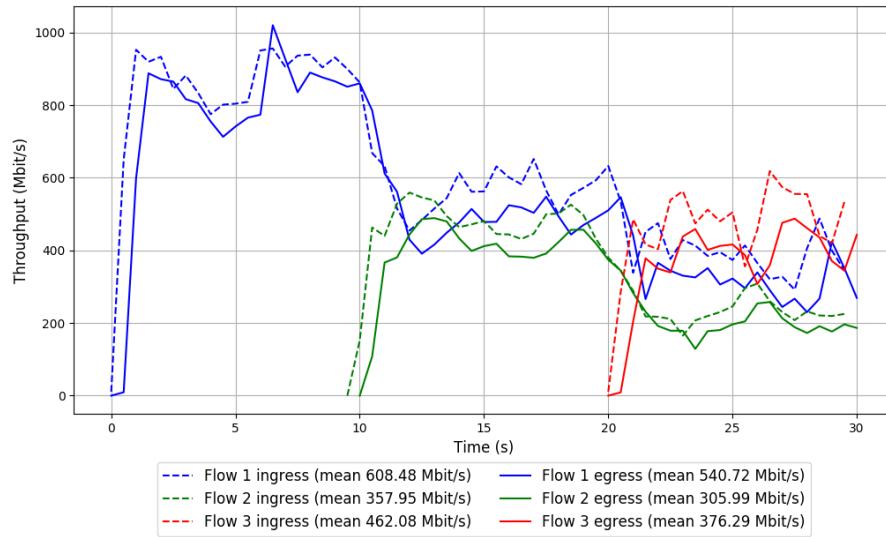


Run 4: Statistics of FillP

```
Start at: 2018-08-22 03:58:38
End at: 2018-08-22 03:59:08
Local clock offset: -2.855 ms
Remote clock offset: 4.104 ms

# Below is generated by plot.py at 2018-08-22 07:59:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 869.43 Mbit/s
95th percentile per-packet one-way delay: 84.911 ms
Loss rate: 13.08%
-- Flow 1:
Average throughput: 540.72 Mbit/s
95th percentile per-packet one-way delay: 87.093 ms
Loss rate: 11.14%
-- Flow 2:
Average throughput: 305.99 Mbit/s
95th percentile per-packet one-way delay: 21.052 ms
Loss rate: 14.51%
-- Flow 3:
Average throughput: 376.29 Mbit/s
95th percentile per-packet one-way delay: 82.523 ms
Loss rate: 18.57%
```

## Run 4: Report of FillP — Data Link

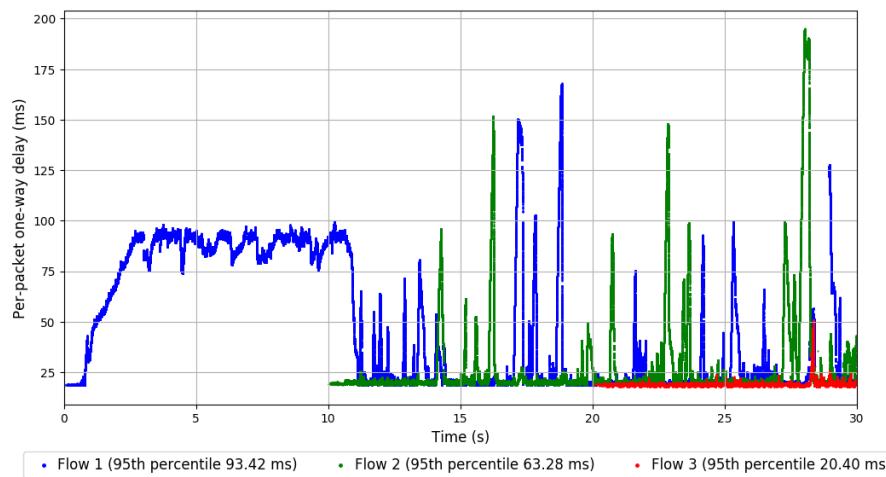
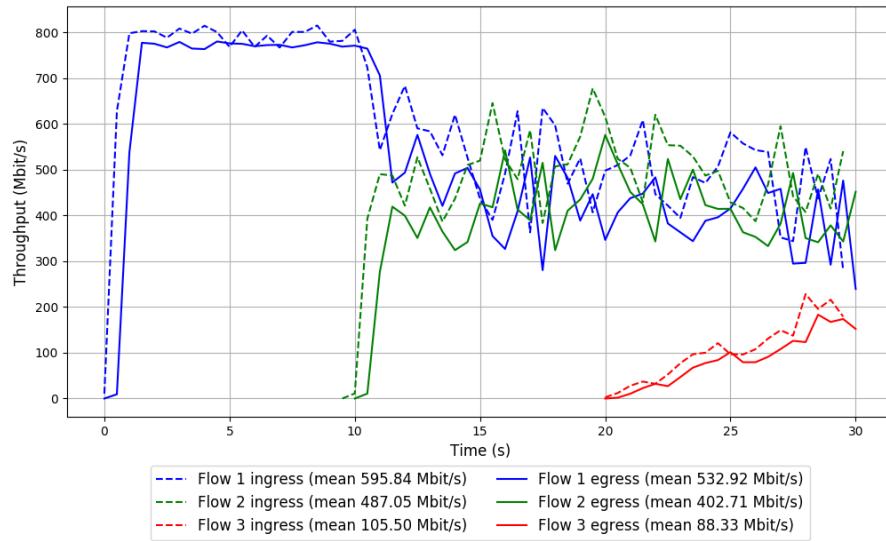


Run 5: Statistics of FillP

```
Start at: 2018-08-22 04:25:54
End at: 2018-08-22 04:26:24
Local clock offset: -2.989 ms
Remote clock offset: 3.386 ms

# Below is generated by plot.py at 2018-08-22 07:59:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 830.54 Mbit/s
95th percentile per-packet one-way delay: 92.896 ms
Loss rate: 13.06%
-- Flow 1:
Average throughput: 532.92 Mbit/s
95th percentile per-packet one-way delay: 93.424 ms
Loss rate: 10.56%
-- Flow 2:
Average throughput: 402.71 Mbit/s
95th percentile per-packet one-way delay: 63.283 ms
Loss rate: 17.31%
-- Flow 3:
Average throughput: 88.33 Mbit/s
95th percentile per-packet one-way delay: 20.403 ms
Loss rate: 16.27%
```

Run 5: Report of FillP — Data Link

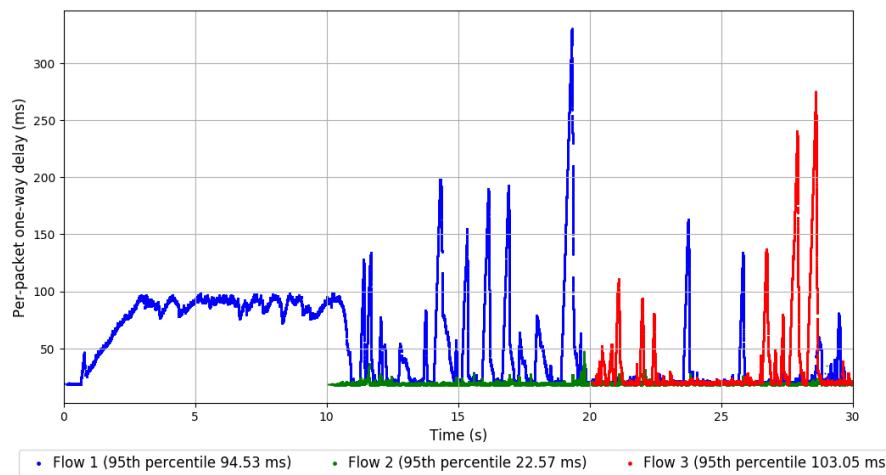
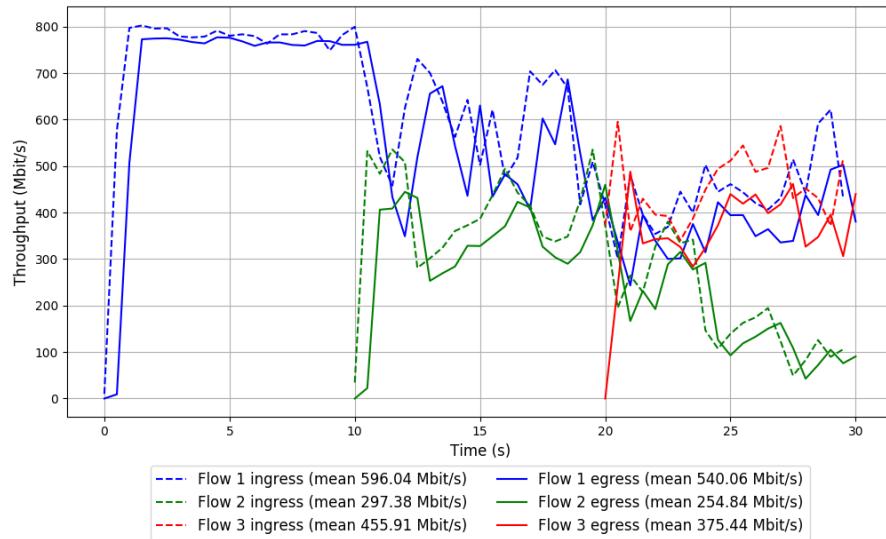


Run 6: Statistics of FillP

```
Start at: 2018-08-22 04:53:10
End at: 2018-08-22 04:53:40
Local clock offset: 0.458 ms
Remote clock offset: 0.078 ms

# Below is generated by plot.py at 2018-08-22 08:00:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 834.03 Mbit/s
95th percentile per-packet one-way delay: 93.876 ms
Loss rate: 11.73%
-- Flow 1:
Average throughput: 540.06 Mbit/s
95th percentile per-packet one-way delay: 94.531 ms
Loss rate: 9.38%
-- Flow 2:
Average throughput: 254.84 Mbit/s
95th percentile per-packet one-way delay: 22.575 ms
Loss rate: 14.30%
-- Flow 3:
Average throughput: 375.44 Mbit/s
95th percentile per-packet one-way delay: 103.048 ms
Loss rate: 17.63%
```

## Run 6: Report of FillP — Data Link

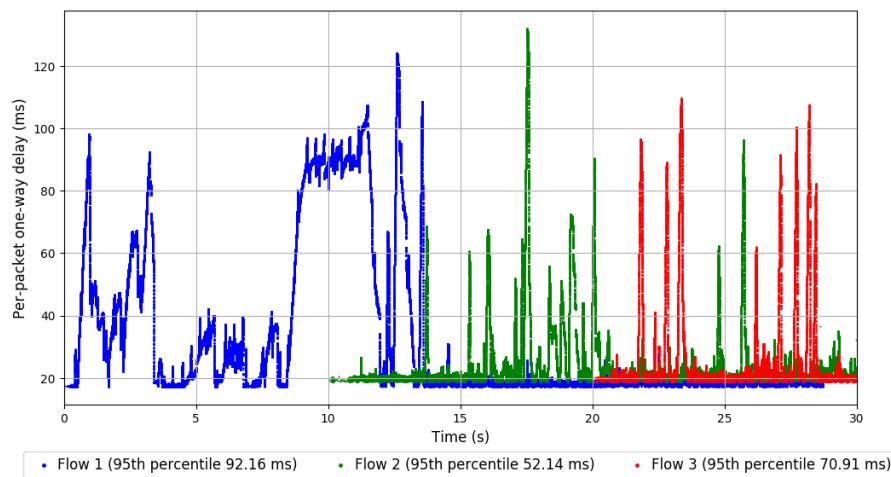
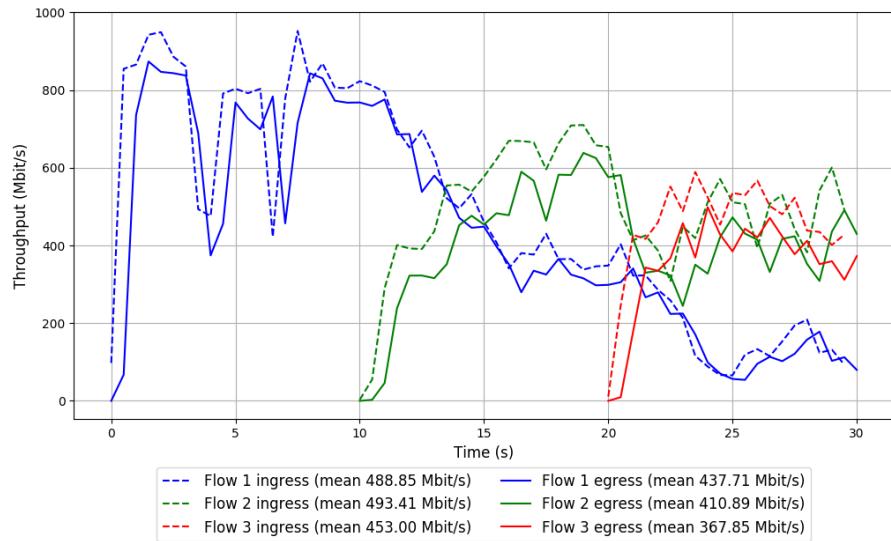


Run 7: Statistics of FillP

```
Start at: 2018-08-22 05:20:27
End at: 2018-08-22 05:20:57
Local clock offset: 0.99 ms
Remote clock offset: -2.252 ms

# Below is generated by plot.py at 2018-08-22 08:00:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 833.04 Mbit/s
95th percentile per-packet one-way delay: 89.826 ms
Loss rate: 13.86%
-- Flow 1:
Average throughput: 437.71 Mbit/s
95th percentile per-packet one-way delay: 92.160 ms
Loss rate: 10.45%
-- Flow 2:
Average throughput: 410.89 Mbit/s
95th percentile per-packet one-way delay: 52.139 ms
Loss rate: 16.67%
-- Flow 3:
Average throughput: 367.85 Mbit/s
95th percentile per-packet one-way delay: 70.912 ms
Loss rate: 18.78%
```

## Run 7: Report of FillP — Data Link

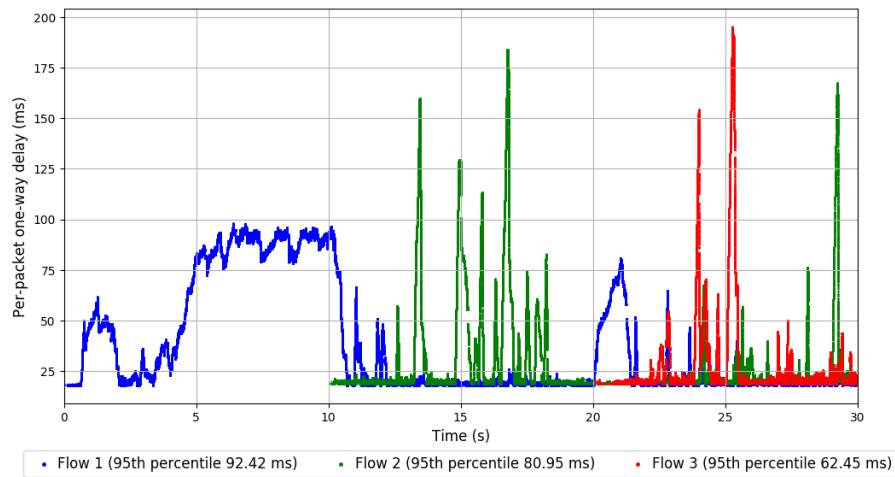
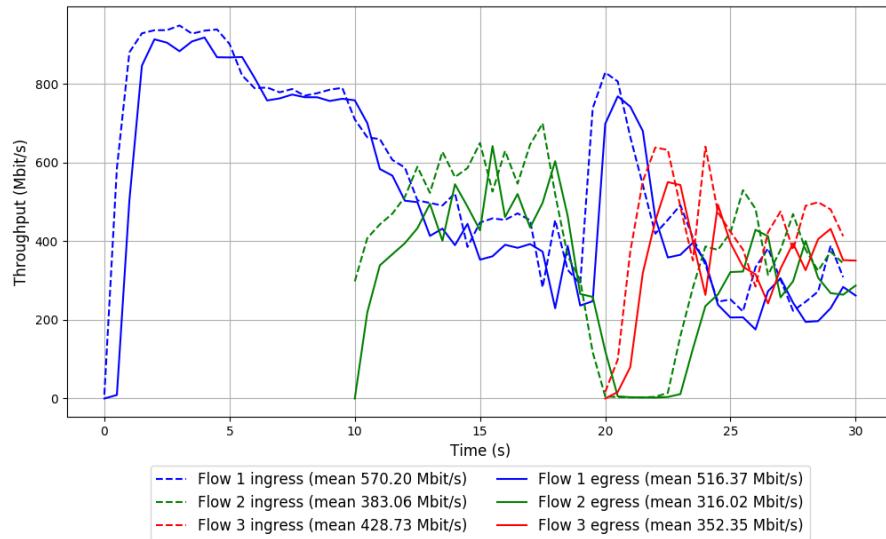


Run 8: Statistics of FillP

```
Start at: 2018-08-22 05:47:37
End at: 2018-08-22 05:48:07
Local clock offset: -1.612 ms
Remote clock offset: -3.849 ms

# Below is generated by plot.py at 2018-08-22 08:00:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 843.49 Mbit/s
95th percentile per-packet one-way delay: 92.126 ms
Loss rate: 12.79%
-- Flow 1:
Average throughput: 516.37 Mbit/s
95th percentile per-packet one-way delay: 92.424 ms
Loss rate: 9.44%
-- Flow 2:
Average throughput: 316.02 Mbit/s
95th percentile per-packet one-way delay: 80.949 ms
Loss rate: 17.49%
-- Flow 3:
Average throughput: 352.35 Mbit/s
95th percentile per-packet one-way delay: 62.453 ms
Loss rate: 17.81%
```

Run 8: Report of FillP — Data Link

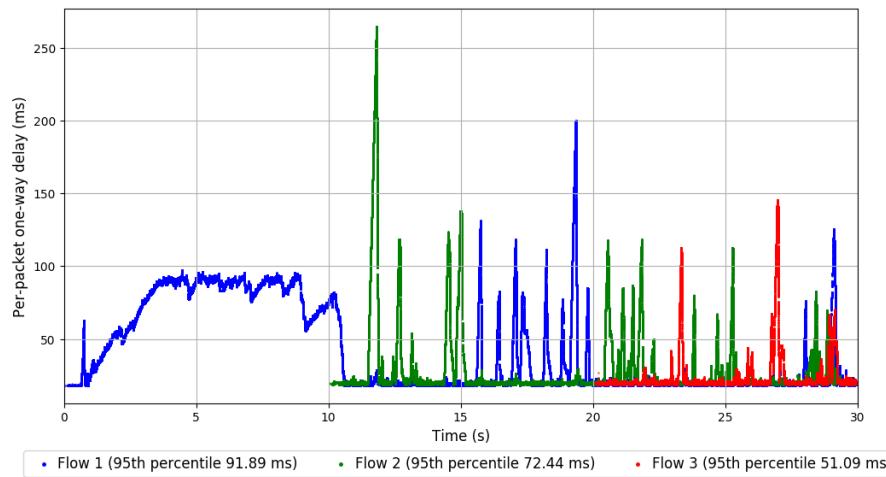
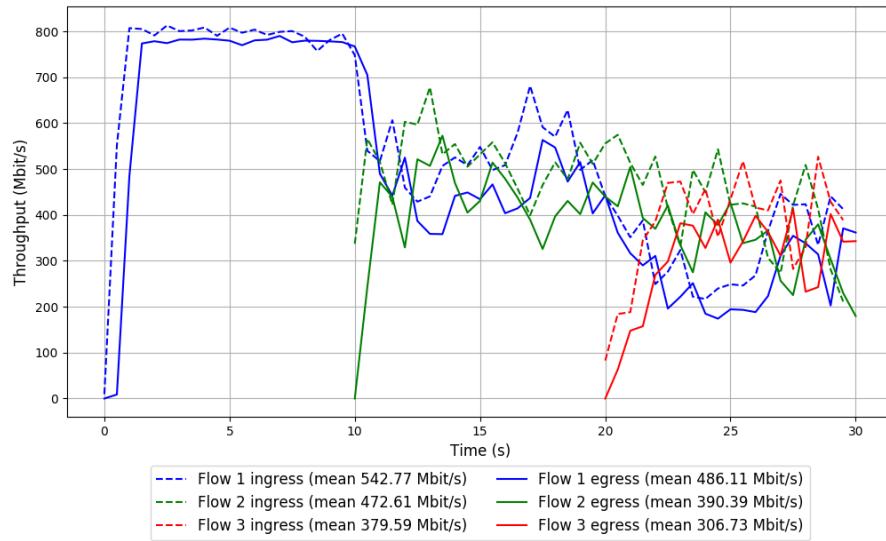


Run 9: Statistics of FillP

```
Start at: 2018-08-22 06:14:39
End at: 2018-08-22 06:15:09
Local clock offset: -0.811 ms
Remote clock offset: 4.104 ms

# Below is generated by plot.py at 2018-08-22 08:10:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 847.81 Mbit/s
95th percentile per-packet one-way delay: 91.506 ms
Loss rate: 13.78%
-- Flow 1:
Average throughput: 486.11 Mbit/s
95th percentile per-packet one-way delay: 91.893 ms
Loss rate: 10.43%
-- Flow 2:
Average throughput: 390.39 Mbit/s
95th percentile per-packet one-way delay: 72.437 ms
Loss rate: 17.40%
-- Flow 3:
Average throughput: 306.73 Mbit/s
95th percentile per-packet one-way delay: 51.094 ms
Loss rate: 19.19%
```

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

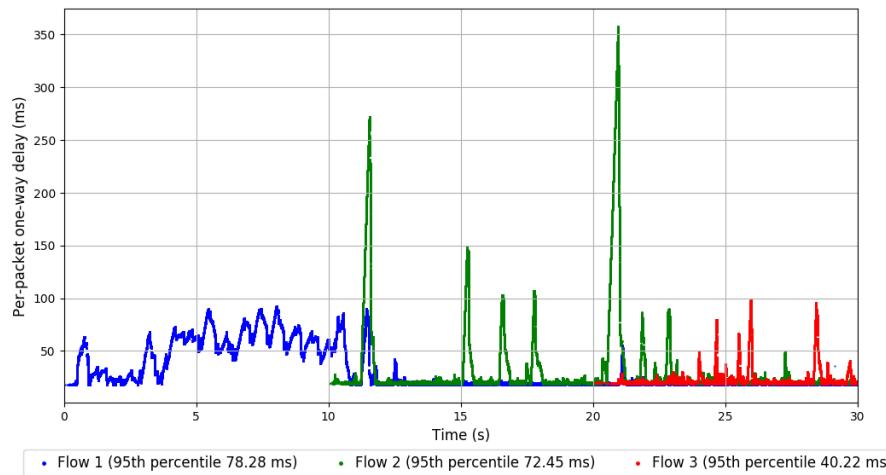
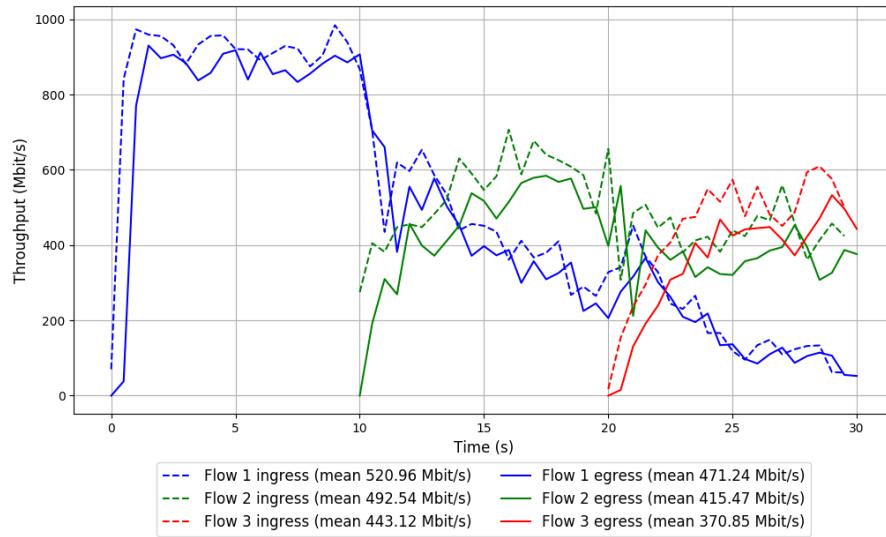


Run 10: Statistics of FillP

```
Start at: 2018-08-22 06:41:27
End at: 2018-08-22 06:41:57
Local clock offset: 0.952 ms
Remote clock offset: 6.062 ms

# Below is generated by plot.py at 2018-08-22 08:10:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 870.74 Mbit/s
95th percentile per-packet one-way delay: 76.912 ms
Loss rate: 12.54%
-- Flow 1:
Average throughput: 471.24 Mbit/s
95th percentile per-packet one-way delay: 78.284 ms
Loss rate: 9.53%
-- Flow 2:
Average throughput: 415.47 Mbit/s
95th percentile per-packet one-way delay: 72.448 ms
Loss rate: 15.64%
-- Flow 3:
Average throughput: 370.85 Mbit/s
95th percentile per-packet one-way delay: 40.218 ms
Loss rate: 16.30%
```

## Run 10: Report of FillP — Data Link

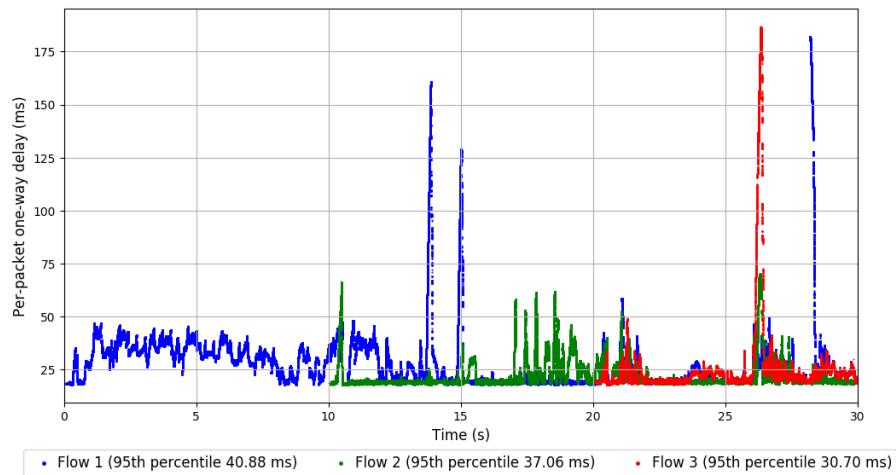
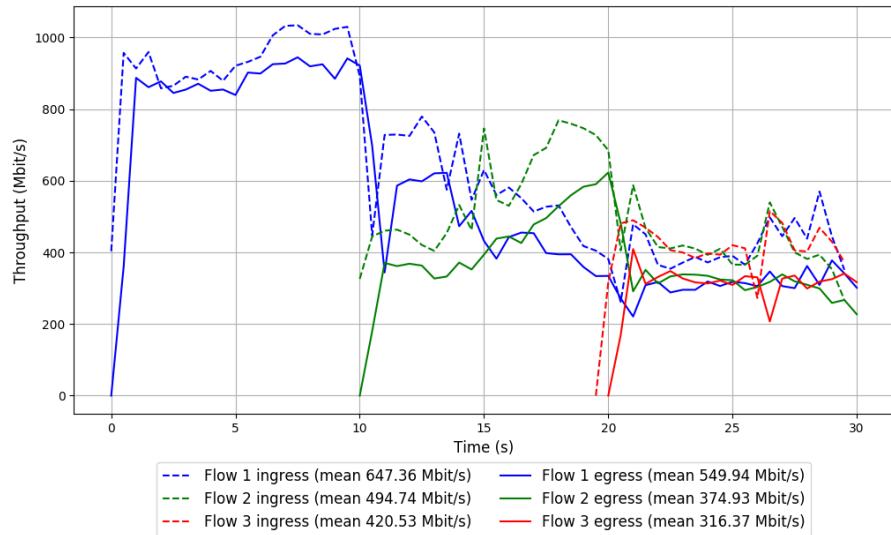


```
Run 1: Statistics of FillP-Sheep
```

```
Start at: 2018-08-22 02:46:12
End at: 2018-08-22 02:46:42
Local clock offset: 1.454 ms
Remote clock offset: 0.45 ms

# Below is generated by plot.py at 2018-08-22 08:12:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 904.59 Mbit/s
95th percentile per-packet one-way delay: 40.253 ms
Loss rate: 18.96%
-- Flow 1:
Average throughput: 549.94 Mbit/s
95th percentile per-packet one-way delay: 40.879 ms
Loss rate: 15.04%
-- Flow 2:
Average throughput: 374.93 Mbit/s
95th percentile per-packet one-way delay: 37.059 ms
Loss rate: 24.22%
-- Flow 3:
Average throughput: 316.37 Mbit/s
95th percentile per-packet one-way delay: 30.702 ms
Loss rate: 24.76%
```

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

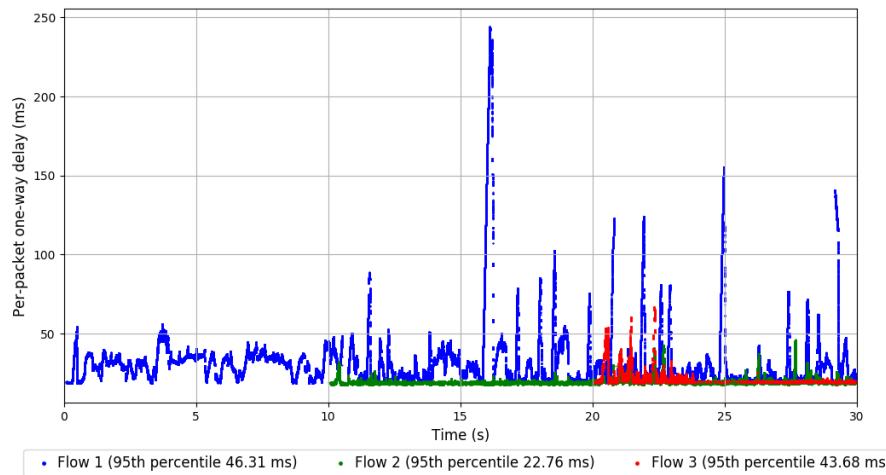
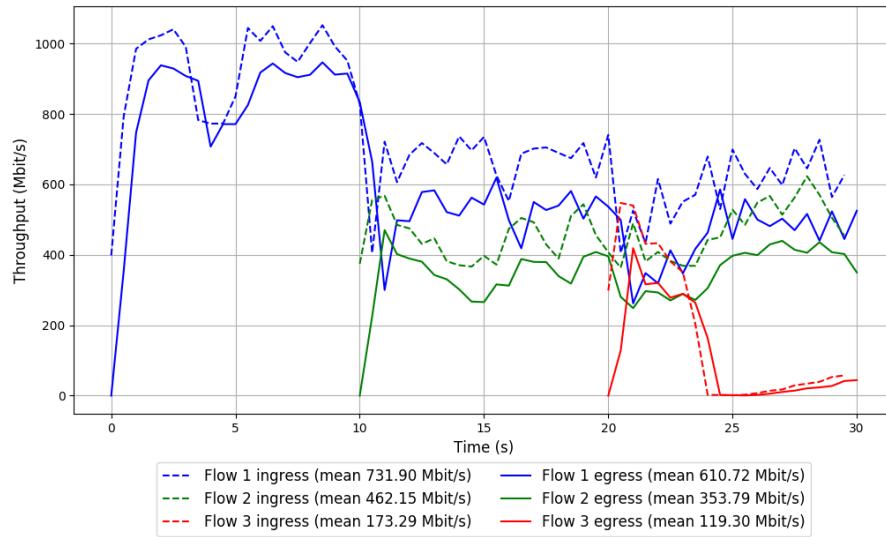


Run 2: Statistics of FillP-Sheep

```
Start at: 2018-08-22 03:13:38
End at: 2018-08-22 03:14:08
Local clock offset: 1.338 ms
Remote clock offset: 3.572 ms

# Below is generated by plot.py at 2018-08-22 08:12:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 885.95 Mbit/s
95th percentile per-packet one-way delay: 43.256 ms
Loss rate: 19.25%
-- Flow 1:
Average throughput: 610.72 Mbit/s
95th percentile per-packet one-way delay: 46.308 ms
Loss rate: 16.55%
-- Flow 2:
Average throughput: 353.79 Mbit/s
95th percentile per-packet one-way delay: 22.757 ms
Loss rate: 23.45%
-- Flow 3:
Average throughput: 119.30 Mbit/s
95th percentile per-packet one-way delay: 43.679 ms
Loss rate: 31.15%
```

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

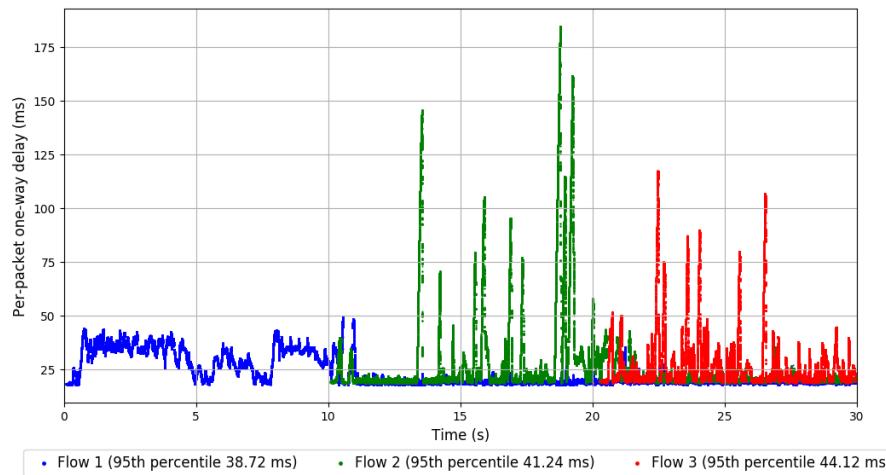
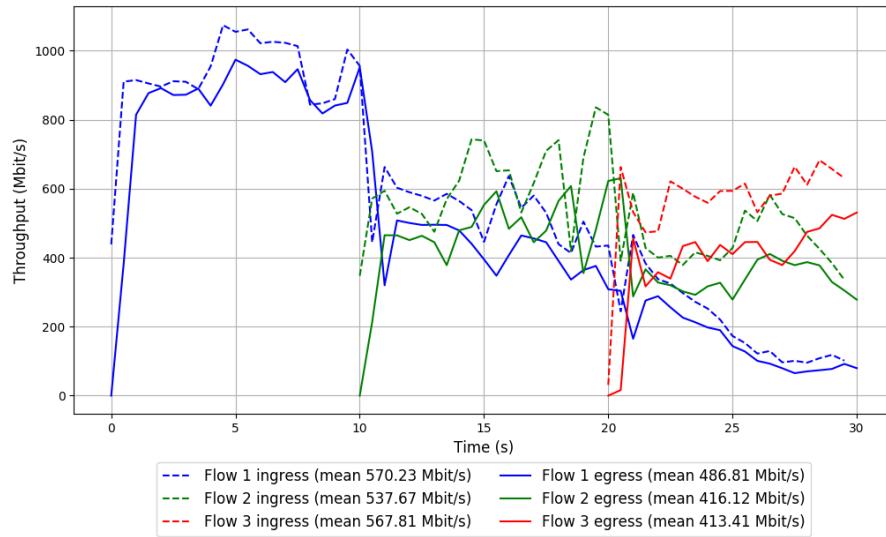


Run 3: Statistics of FillP-Sheep

```
Start at: 2018-08-22 03:40:52
End at: 2018-08-22 03:41:22
Local clock offset: -0.32 ms
Remote clock offset: 4.115 ms

# Below is generated by plot.py at 2018-08-22 08:13:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 900.71 Mbit/s
95th percentile per-packet one-way delay: 39.152 ms
Loss rate: 19.30%
-- Flow 1:
Average throughput: 486.81 Mbit/s
95th percentile per-packet one-way delay: 38.719 ms
Loss rate: 14.63%
-- Flow 2:
Average throughput: 416.12 Mbit/s
95th percentile per-packet one-way delay: 41.236 ms
Loss rate: 22.60%
-- Flow 3:
Average throughput: 413.41 Mbit/s
95th percentile per-packet one-way delay: 44.116 ms
Loss rate: 27.18%
```

Run 3: Report of FillP-Sheep — Data Link

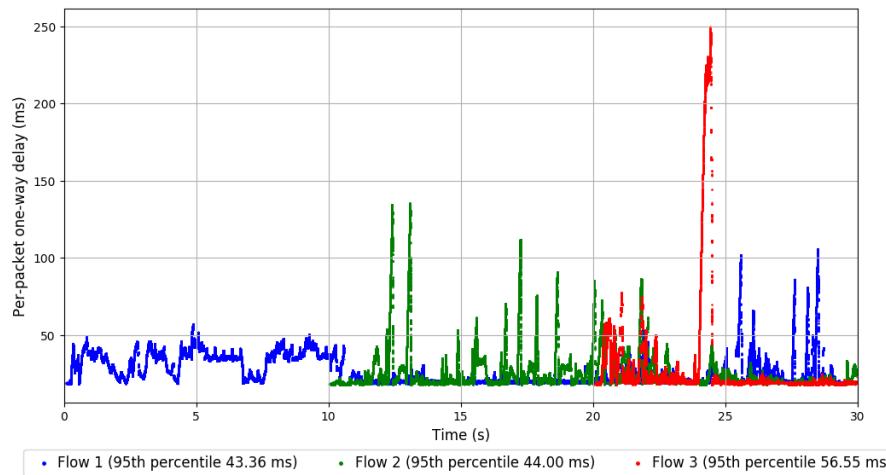
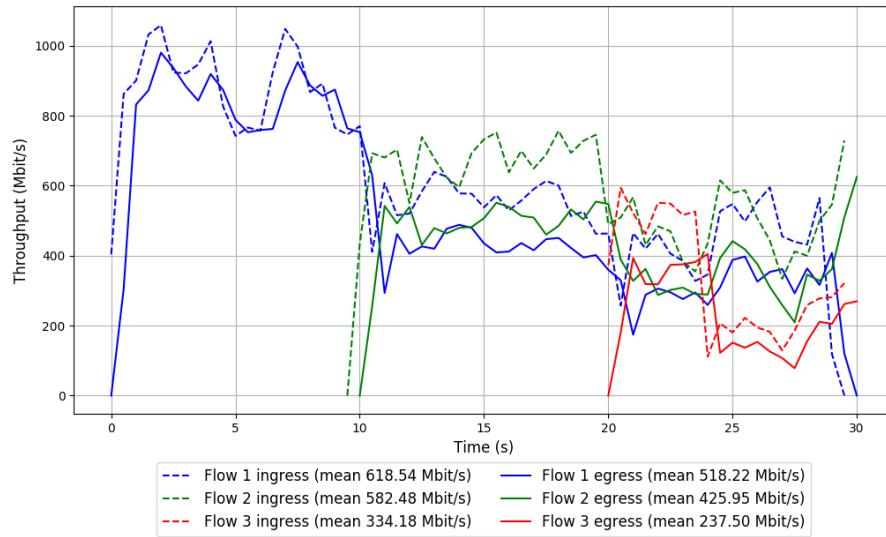


Run 4: Statistics of FillP-Sheep

```
Start at: 2018-08-22 04:08:19
End at: 2018-08-22 04:08:49
Local clock offset: -3.292 ms
Remote clock offset: 3.993 ms

# Below is generated by plot.py at 2018-08-22 08:13:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 880.22 Mbit/s
95th percentile per-packet one-way delay: 43.833 ms
Loss rate: 21.18%
-- Flow 1:
Average throughput: 518.22 Mbit/s
95th percentile per-packet one-way delay: 43.357 ms
Loss rate: 16.22%
-- Flow 2:
Average throughput: 425.95 Mbit/s
95th percentile per-packet one-way delay: 43.997 ms
Loss rate: 26.87%
-- Flow 3:
Average throughput: 237.50 Mbit/s
95th percentile per-packet one-way delay: 56.548 ms
Loss rate: 28.90%
```

Run 4: Report of FillP-Sheep — Data Link

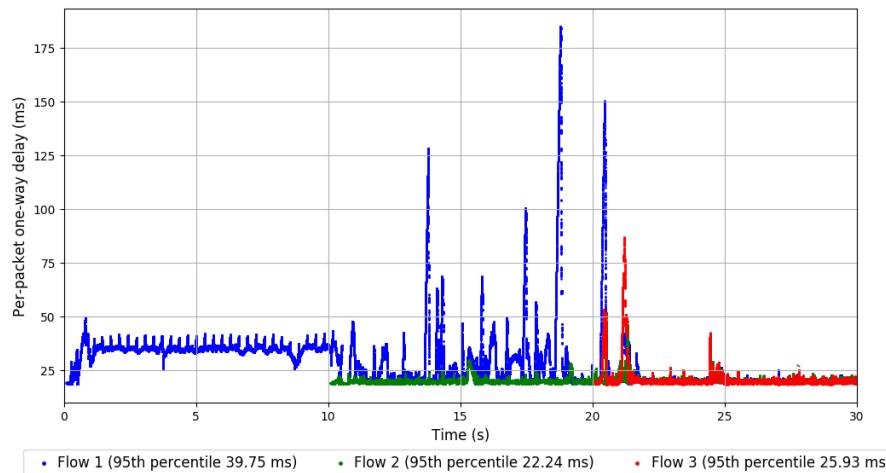
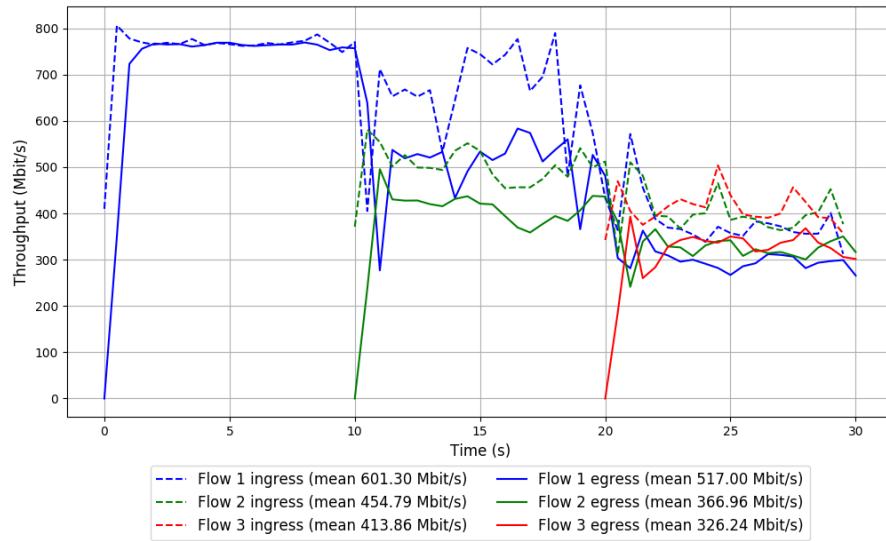


Run 5: Statistics of FillP-Sheep

```
Start at: 2018-08-22 04:35:29
End at: 2018-08-22 04:35:59
Local clock offset: -3.065 ms
Remote clock offset: 3.431 ms

# Below is generated by plot.py at 2018-08-22 08:13:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 869.34 Mbit/s
95th percentile per-packet one-way delay: 38.107 ms
Loss rate: 16.50%
-- Flow 1:
Average throughput: 517.00 Mbit/s
95th percentile per-packet one-way delay: 39.751 ms
Loss rate: 14.02%
-- Flow 2:
Average throughput: 366.96 Mbit/s
95th percentile per-packet one-way delay: 22.238 ms
Loss rate: 19.31%
-- Flow 3:
Average throughput: 326.24 Mbit/s
95th percentile per-packet one-way delay: 25.935 ms
Loss rate: 21.17%
```

Run 5: Report of FillP-Sheep — Data Link

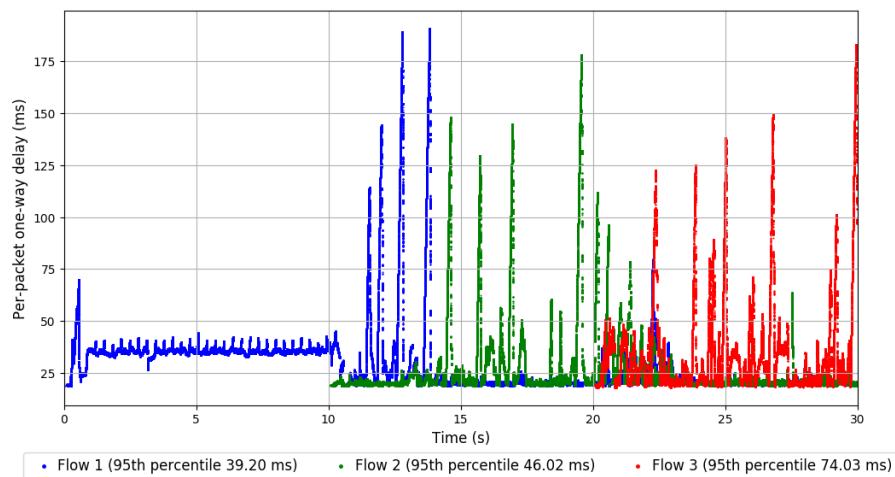
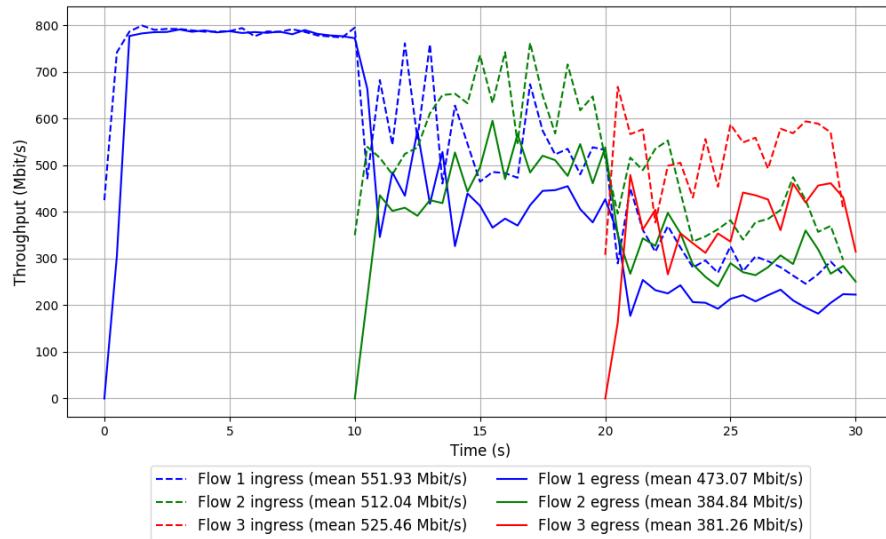


Run 6: Statistics of FillP-Sheep

```
Start at: 2018-08-22 05:02:46
End at: 2018-08-22 05:03:16
Local clock offset: 1.053 ms
Remote clock offset: -1.035 ms

# Below is generated by plot.py at 2018-08-22 08:14:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 855.69 Mbit/s
95th percentile per-packet one-way delay: 42.893 ms
Loss rate: 19.80%
-- Flow 1:
Average throughput: 473.07 Mbit/s
95th percentile per-packet one-way delay: 39.200 ms
Loss rate: 14.28%
-- Flow 2:
Average throughput: 384.84 Mbit/s
95th percentile per-packet one-way delay: 46.019 ms
Loss rate: 24.84%
-- Flow 3:
Average throughput: 381.26 Mbit/s
95th percentile per-packet one-way delay: 74.026 ms
Loss rate: 27.43%
```

Run 6: Report of FillP-Sheep — Data Link

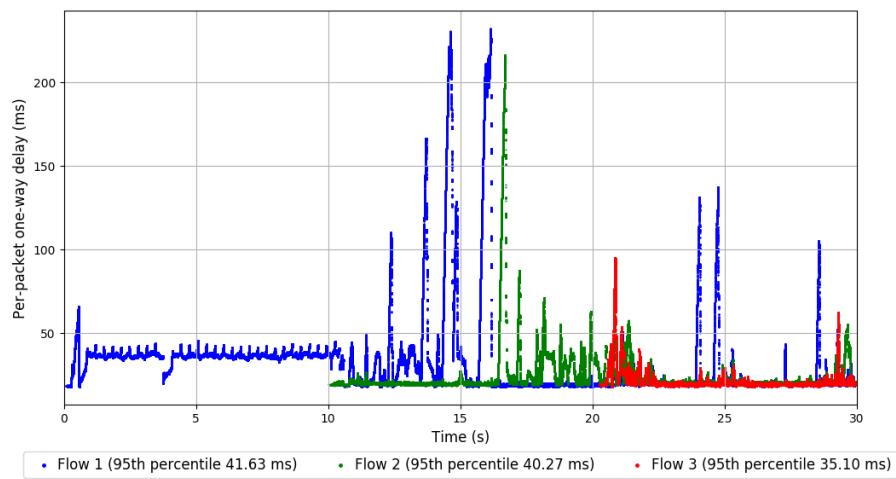
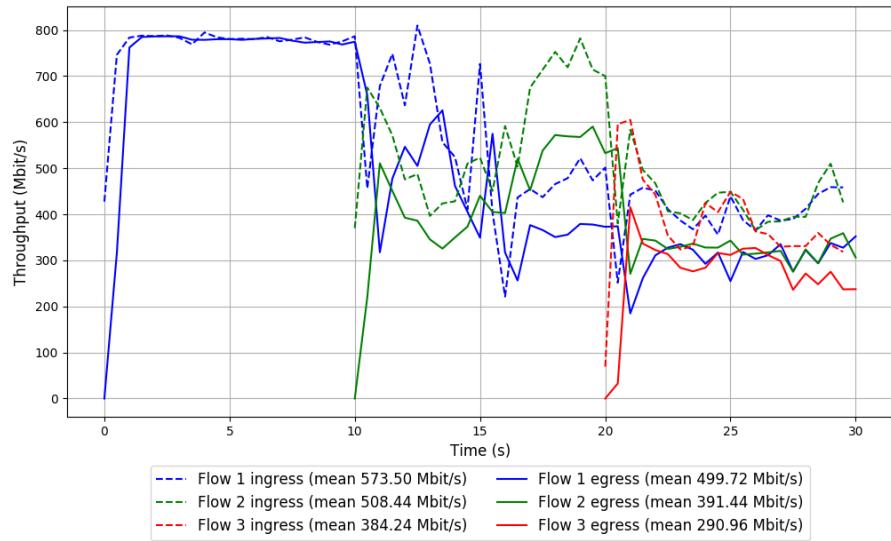


Run 7: Statistics of FillP-Sheep

```
Start at: 2018-08-22 05:30:05
End at: 2018-08-22 05:30:35
Local clock offset: 0.937 ms
Remote clock offset: -2.832 ms

# Below is generated by plot.py at 2018-08-22 08:24:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 854.82 Mbit/s
95th percentile per-packet one-way delay: 41.144 ms
Loss rate: 17.75%
-- Flow 1:
Average throughput: 499.72 Mbit/s
95th percentile per-packet one-way delay: 41.628 ms
Loss rate: 12.86%
-- Flow 2:
Average throughput: 391.44 Mbit/s
95th percentile per-packet one-way delay: 40.269 ms
Loss rate: 23.01%
-- Flow 3:
Average throughput: 290.96 Mbit/s
95th percentile per-packet one-way delay: 35.102 ms
Loss rate: 25.82%
```

Run 7: Report of FillP-Sheep — Data Link

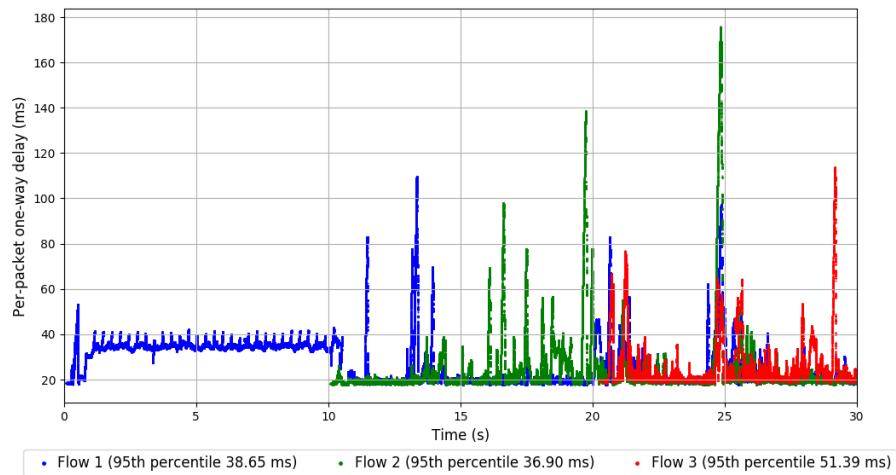
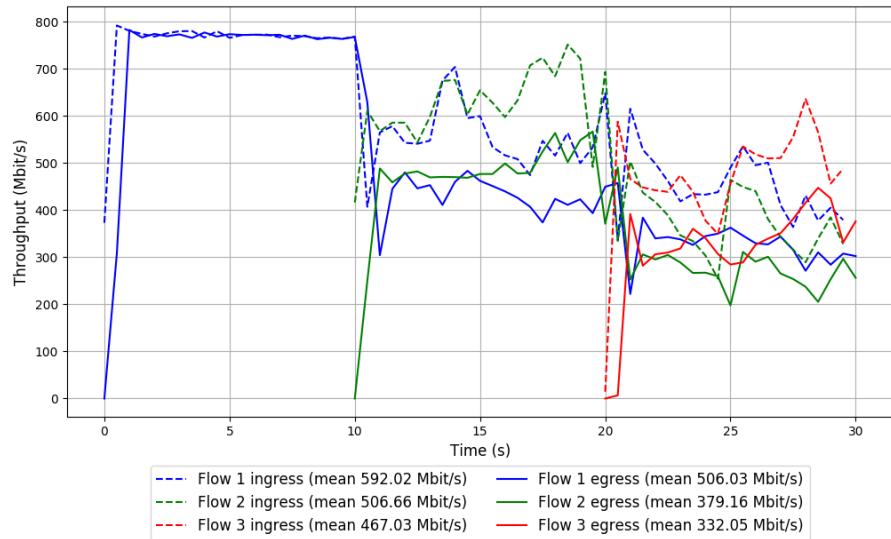


Run 8: Statistics of FillP-Sheep

```
Start at: 2018-08-22 05:57:14
End at: 2018-08-22 05:57:44
Local clock offset: -2.617 ms
Remote clock offset: 0.829 ms

# Below is generated by plot.py at 2018-08-22 08:24:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 868.34 Mbit/s
95th percentile per-packet one-way delay: 39.056 ms
Loss rate: 19.88%
-- Flow 1:
Average throughput: 506.03 Mbit/s
95th percentile per-packet one-way delay: 38.653 ms
Loss rate: 14.52%
-- Flow 2:
Average throughput: 379.16 Mbit/s
95th percentile per-packet one-way delay: 36.903 ms
Loss rate: 25.16%
-- Flow 3:
Average throughput: 332.05 Mbit/s
95th percentile per-packet one-way delay: 51.393 ms
Loss rate: 28.90%
```

Run 8: Report of FillP-Sheep — Data Link

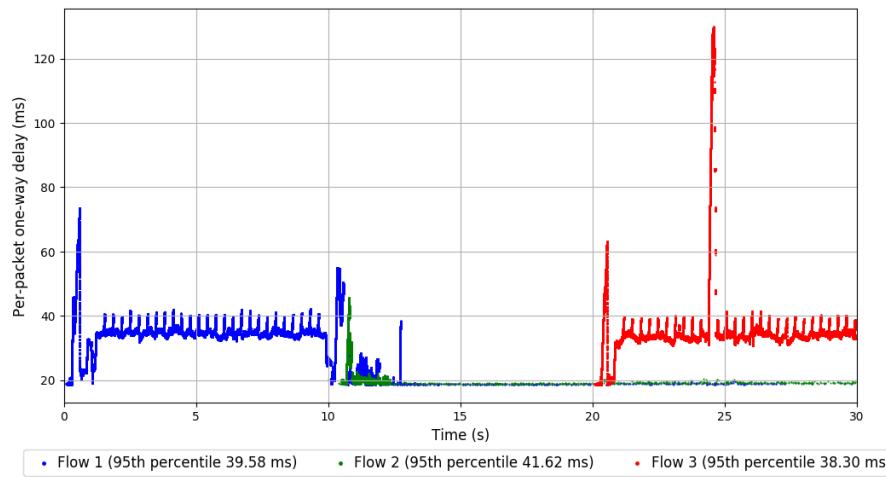
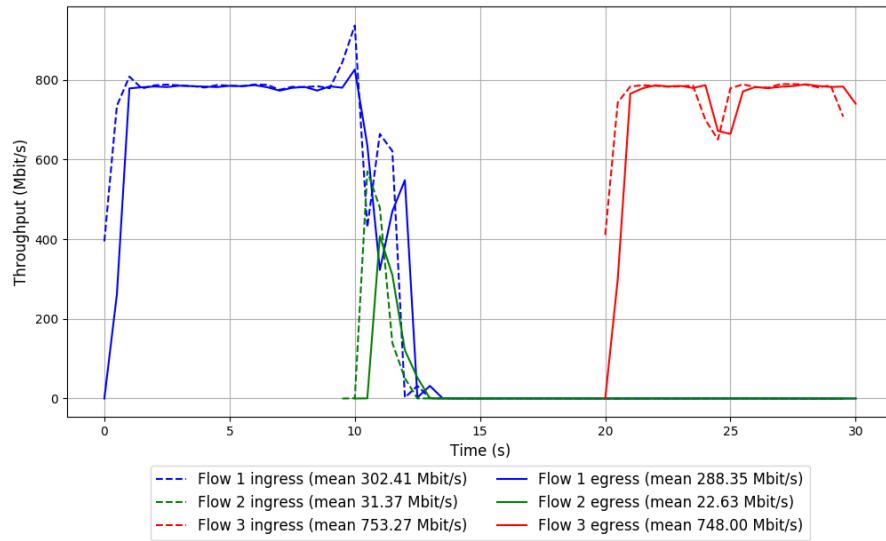


Run 9: Statistics of FillP-Sheep

```
Start at: 2018-08-22 06:24:13
End at: 2018-08-22 06:24:43
Local clock offset: 0.542 ms
Remote clock offset: 4.792 ms

# Below is generated by plot.py at 2018-08-22 08:24:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 550.03 Mbit/s
95th percentile per-packet one-way delay: 39.086 ms
Loss rate: 3.77%
-- Flow 1:
Average throughput: 288.35 Mbit/s
95th percentile per-packet one-way delay: 39.582 ms
Loss rate: 4.65%
-- Flow 2:
Average throughput: 22.63 Mbit/s
95th percentile per-packet one-way delay: 41.615 ms
Loss rate: 27.88%
-- Flow 3:
Average throughput: 748.00 Mbit/s
95th percentile per-packet one-way delay: 38.300 ms
Loss rate: 0.69%
```

Run 9: Report of FillP-Sheep — Data Link

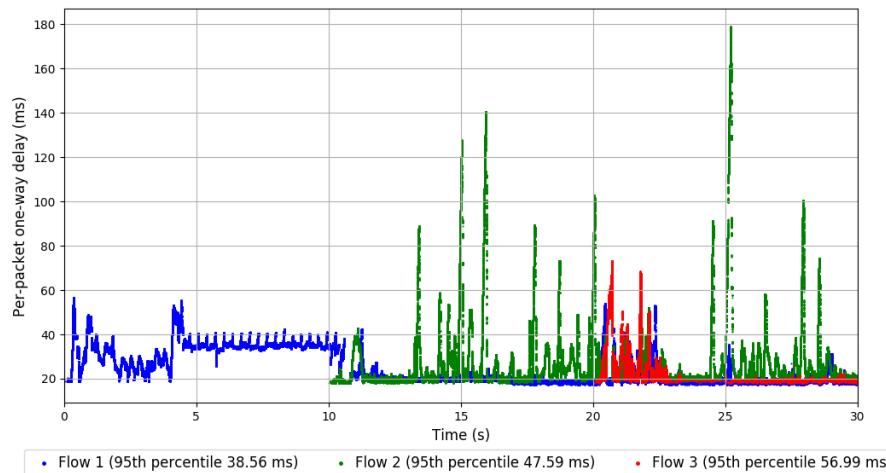
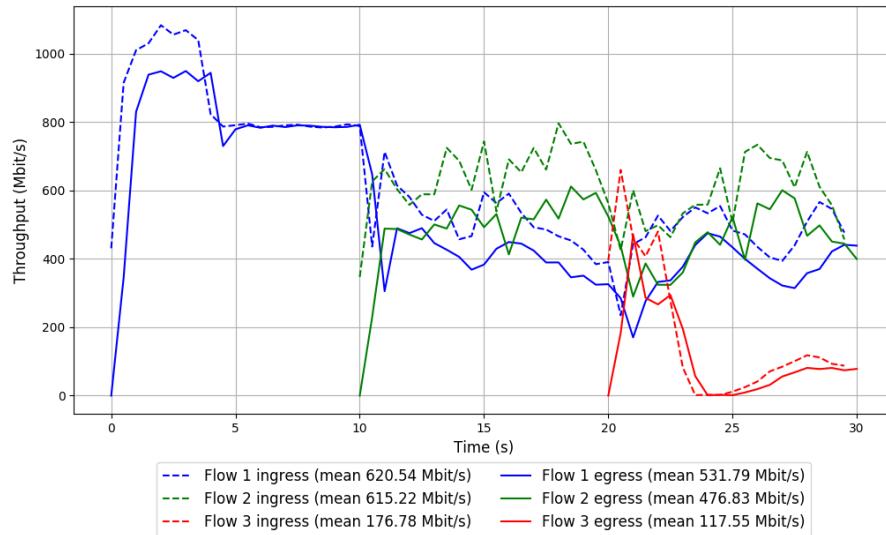


Run 10: Statistics of FillP-Sheep

```
Start at: 2018-08-22 06:51:00
End at: 2018-08-22 06:51:30
Local clock offset: 0.698 ms
Remote clock offset: 6.559 ms

# Below is generated by plot.py at 2018-08-22 08:26:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 888.38 Mbit/s
95th percentile per-packet one-way delay: 40.559 ms
Loss rate: 18.41%
-- Flow 1:
Average throughput: 531.79 Mbit/s
95th percentile per-packet one-way delay: 38.556 ms
Loss rate: 14.30%
-- Flow 2:
Average throughput: 476.83 Mbit/s
95th percentile per-packet one-way delay: 47.590 ms
Loss rate: 22.48%
-- Flow 3:
Average throughput: 117.55 Mbit/s
95th percentile per-packet one-way delay: 56.988 ms
Loss rate: 33.50%
```

Run 10: Report of FillP-Sheep — Data Link

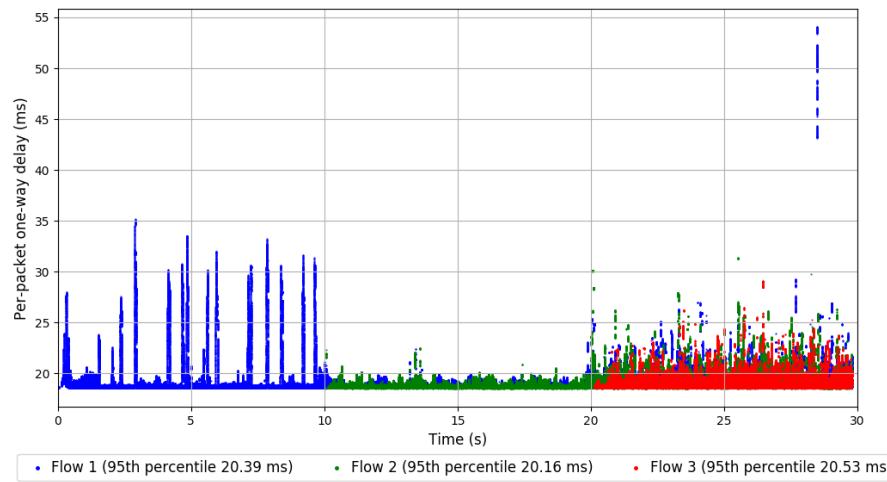
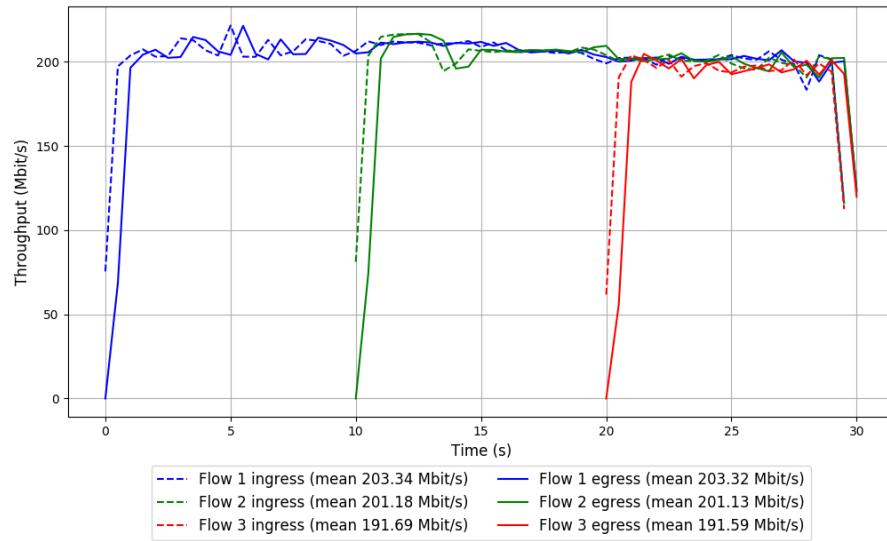


Run 1: Statistics of Indigo

```
Start at: 2018-08-22 02:38:25
End at: 2018-08-22 02:38:55
Local clock offset: 1.51 ms
Remote clock offset: 0.235 ms

# Below is generated by plot.py at 2018-08-22 08:26:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 398.95 Mbit/s
95th percentile per-packet one-way delay: 20.328 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 203.32 Mbit/s
95th percentile per-packet one-way delay: 20.390 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 201.13 Mbit/s
95th percentile per-packet one-way delay: 20.160 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 191.59 Mbit/s
95th percentile per-packet one-way delay: 20.531 ms
Loss rate: 0.05%
```

Run 1: Report of Indigo — Data Link

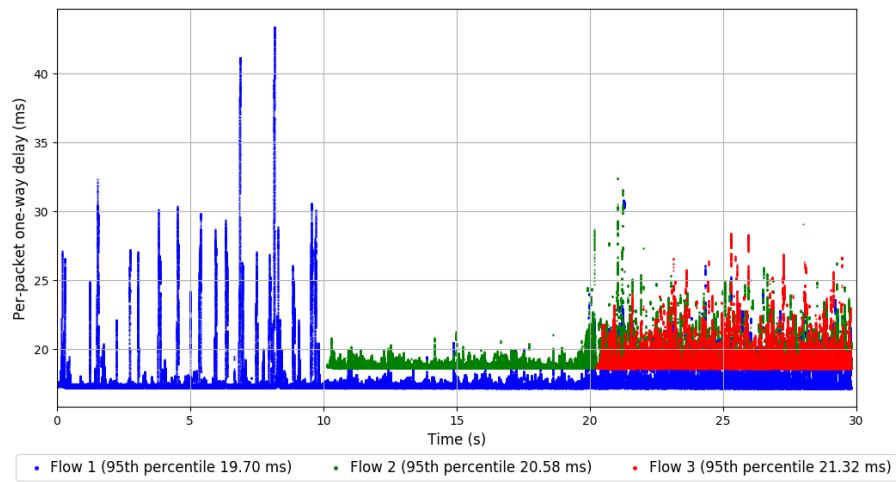
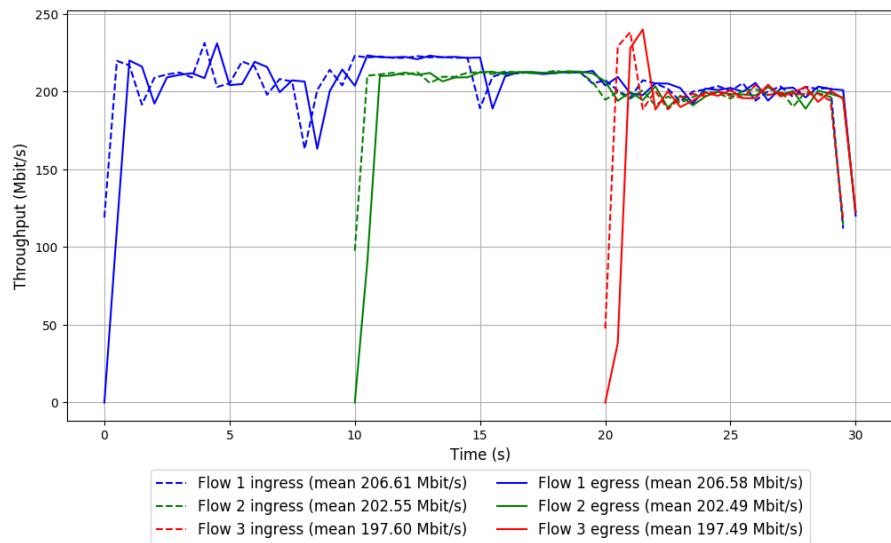


Run 2: Statistics of Indigo

```
Start at: 2018-08-22 03:05:45
End at: 2018-08-22 03:06:15
Local clock offset: 1.89 ms
Remote clock offset: 2.468 ms

# Below is generated by plot.py at 2018-08-22 08:26:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 403.89 Mbit/s
95th percentile per-packet one-way delay: 20.533 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 206.58 Mbit/s
95th percentile per-packet one-way delay: 19.704 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 202.49 Mbit/s
95th percentile per-packet one-way delay: 20.579 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 197.49 Mbit/s
95th percentile per-packet one-way delay: 21.325 ms
Loss rate: 0.06%
```

Run 2: Report of Indigo — Data Link

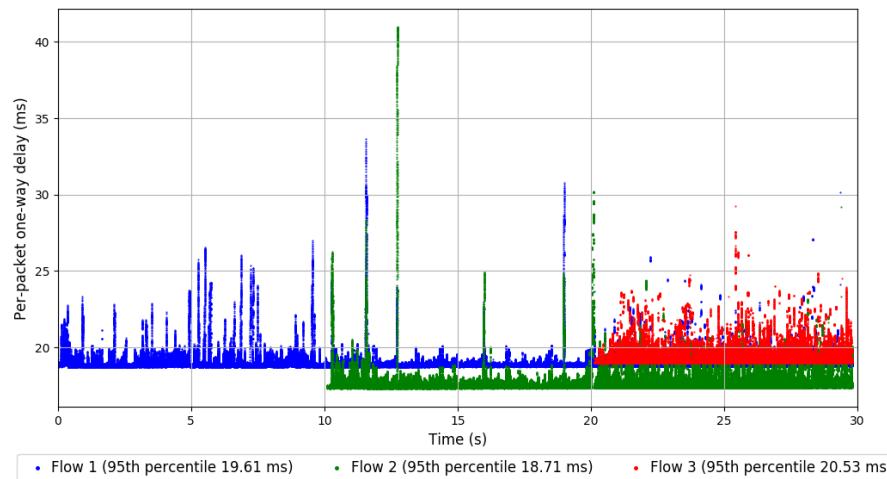
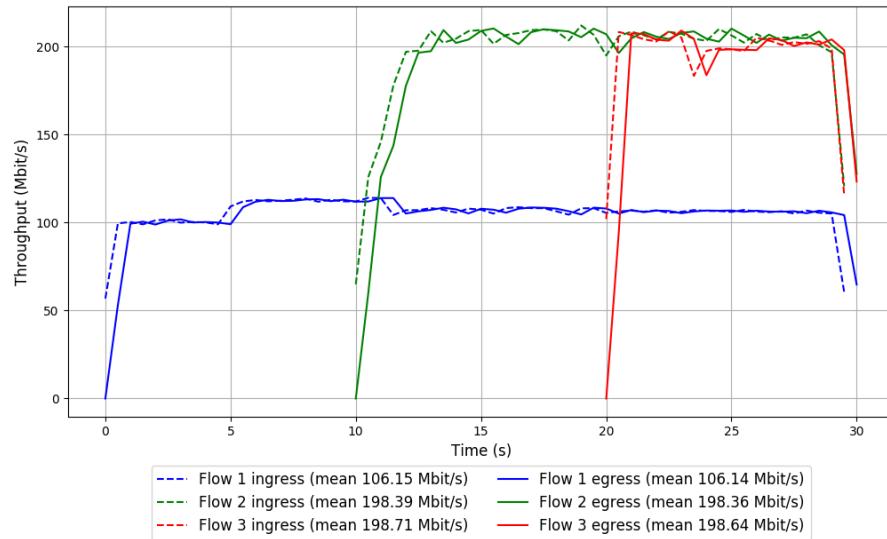


Run 3: Statistics of Indigo

```
Start at: 2018-08-22 03:33:05
End at: 2018-08-22 03:33:35
Local clock offset: 0.849 ms
Remote clock offset: 4.94 ms

# Below is generated by plot.py at 2018-08-22 08:26:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 301.96 Mbit/s
95th percentile per-packet one-way delay: 19.781 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 106.14 Mbit/s
95th percentile per-packet one-way delay: 19.615 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 198.36 Mbit/s
95th percentile per-packet one-way delay: 18.712 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 198.64 Mbit/s
95th percentile per-packet one-way delay: 20.530 ms
Loss rate: 0.03%
```

Run 3: Report of Indigo — Data Link

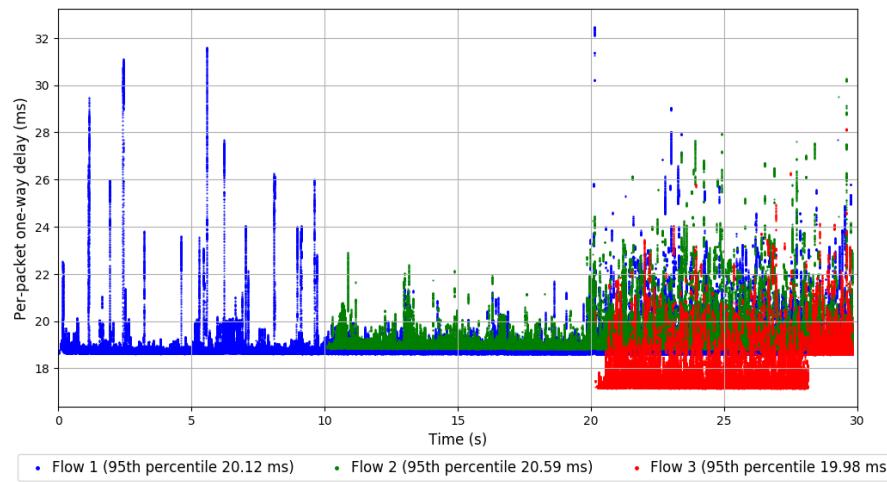
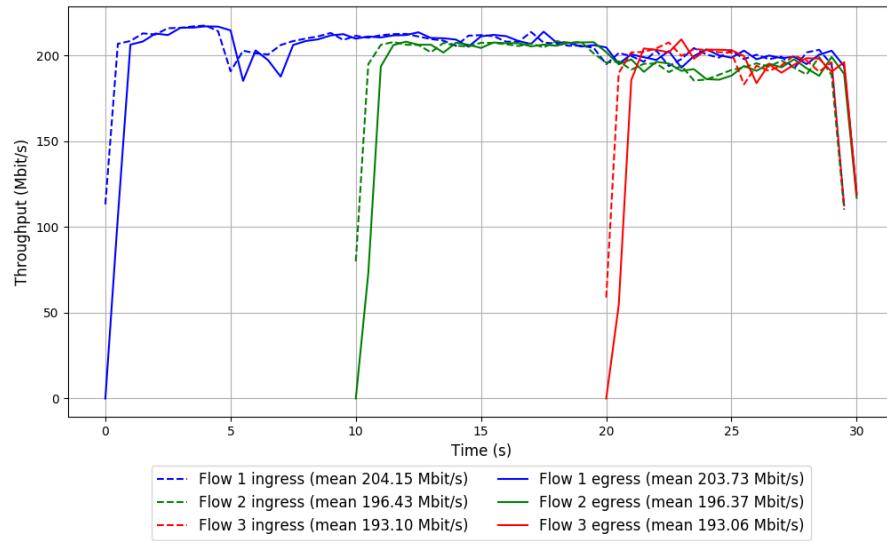


Run 4: Statistics of Indigo

```
Start at: 2018-08-22 04:00:25
End at: 2018-08-22 04:00:55
Local clock offset: -2.986 ms
Remote clock offset: 4.15 ms

# Below is generated by plot.py at 2018-08-22 08:26:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 396.37 Mbit/s
95th percentile per-packet one-way delay: 20.310 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 203.73 Mbit/s
95th percentile per-packet one-way delay: 20.124 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 196.37 Mbit/s
95th percentile per-packet one-way delay: 20.585 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 193.06 Mbit/s
95th percentile per-packet one-way delay: 19.984 ms
Loss rate: 0.03%
```

Run 4: Report of Indigo — Data Link

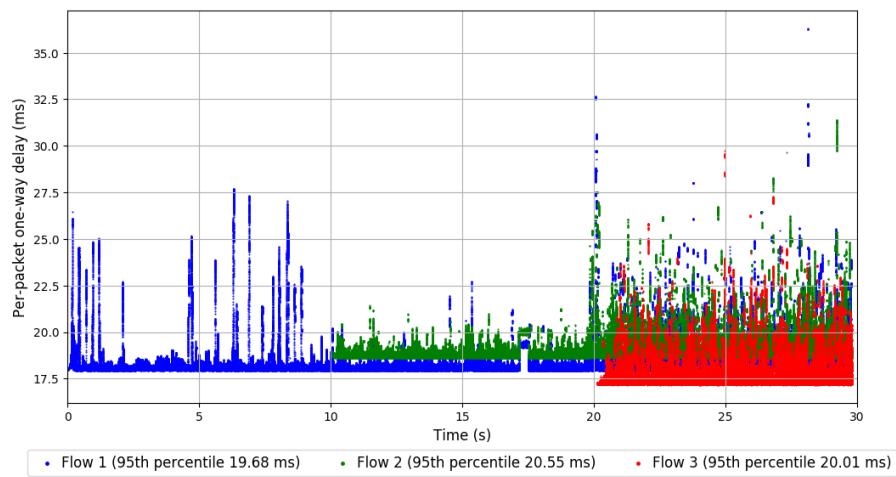
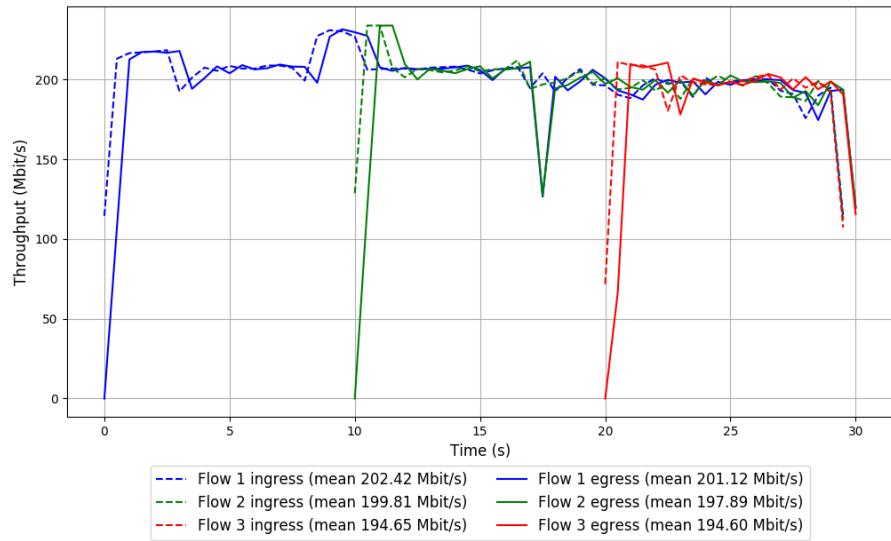


Run 5: Statistics of Indigo

```
Start at: 2018-08-22 04:27:40
End at: 2018-08-22 04:28:10
Local clock offset: -2.903 ms
Remote clock offset: 3.428 ms

# Below is generated by plot.py at 2018-08-22 08:26:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 395.56 Mbit/s
95th percentile per-packet one-way delay: 20.118 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 201.12 Mbit/s
95th percentile per-packet one-way delay: 19.685 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 197.89 Mbit/s
95th percentile per-packet one-way delay: 20.550 ms
Loss rate: 0.96%
-- Flow 3:
Average throughput: 194.60 Mbit/s
95th percentile per-packet one-way delay: 20.008 ms
Loss rate: 0.01%
```

Run 5: Report of Indigo — Data Link

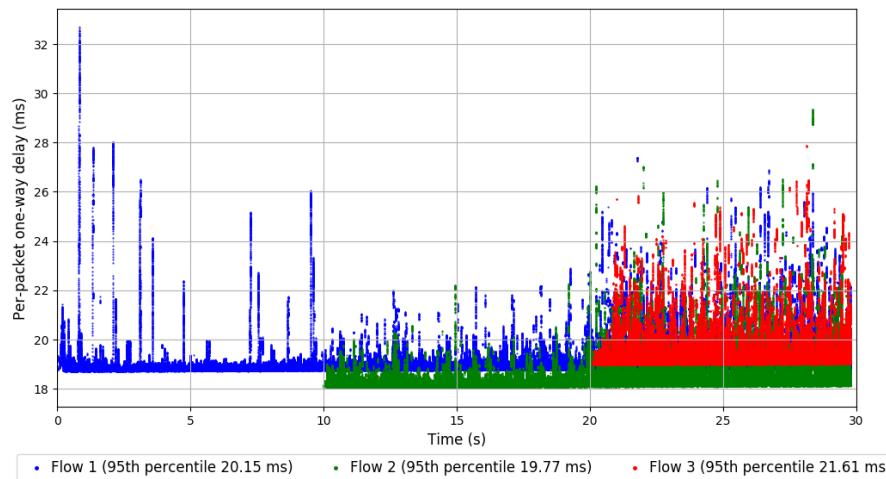
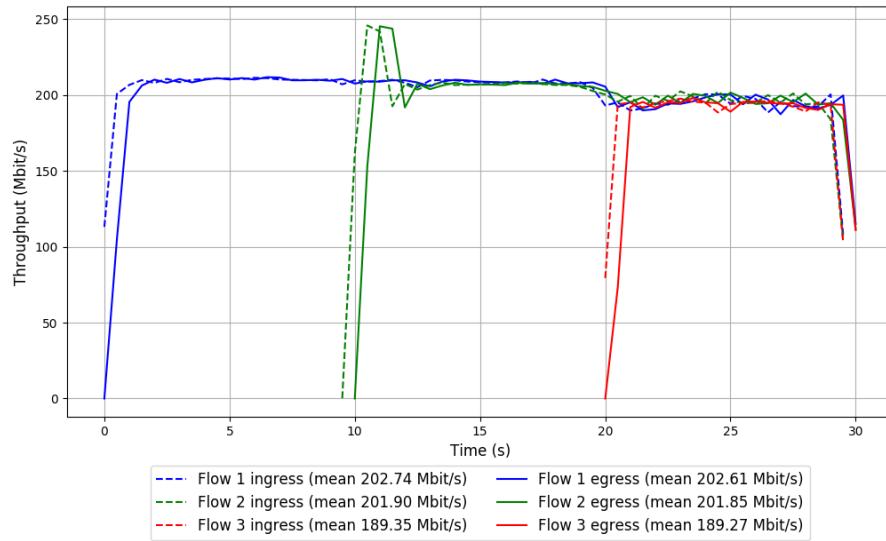


Run 6: Statistics of Indigo

```
Start at: 2018-08-22 04:54:55
End at: 2018-08-22 04:55:25
Local clock offset: 0.628 ms
Remote clock offset: -0.181 ms

# Below is generated by plot.py at 2018-08-22 08:26:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 398.40 Mbit/s
95th percentile per-packet one-way delay: 20.420 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 202.61 Mbit/s
95th percentile per-packet one-way delay: 20.153 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 201.85 Mbit/s
95th percentile per-packet one-way delay: 19.775 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 189.27 Mbit/s
95th percentile per-packet one-way delay: 21.615 ms
Loss rate: 0.04%
```

Run 6: Report of Indigo — Data Link

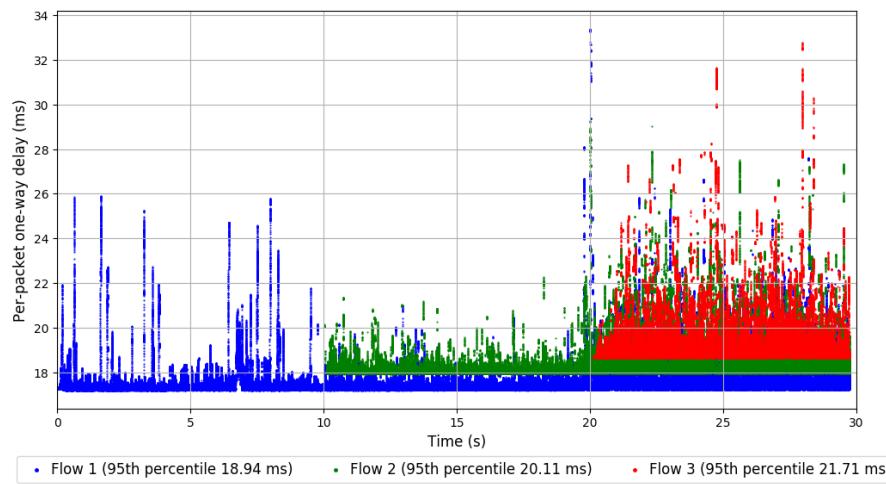
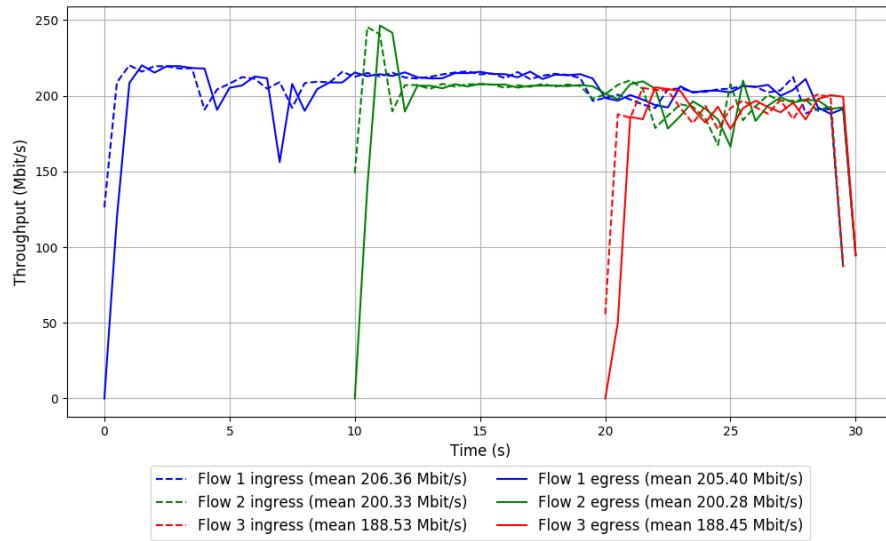


Run 7: Statistics of Indigo

```
Start at: 2018-08-22 05:22:13
End at: 2018-08-22 05:22:43
Local clock offset: 0.988 ms
Remote clock offset: -2.401 ms

# Below is generated by plot.py at 2018-08-22 08:26:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 399.04 Mbit/s
95th percentile per-packet one-way delay: 20.138 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 205.40 Mbit/s
95th percentile per-packet one-way delay: 18.944 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 200.28 Mbit/s
95th percentile per-packet one-way delay: 20.109 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 188.45 Mbit/s
95th percentile per-packet one-way delay: 21.714 ms
Loss rate: 0.04%
```

Run 7: Report of Indigo — Data Link

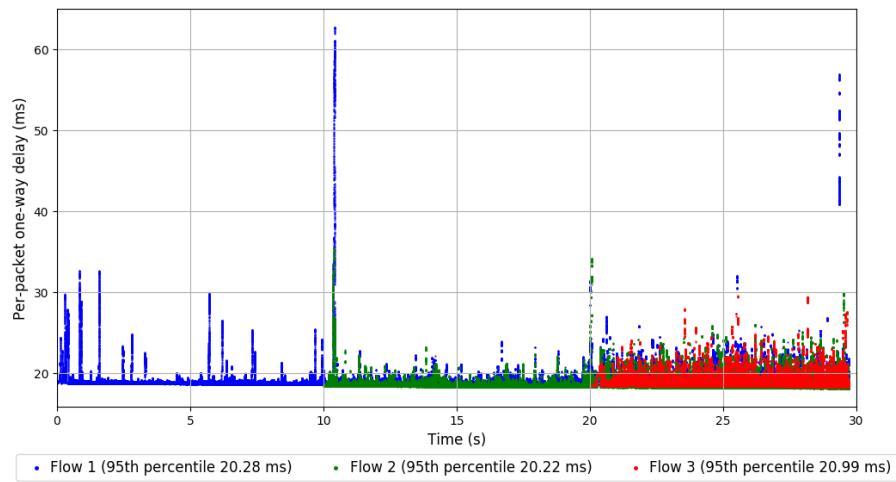
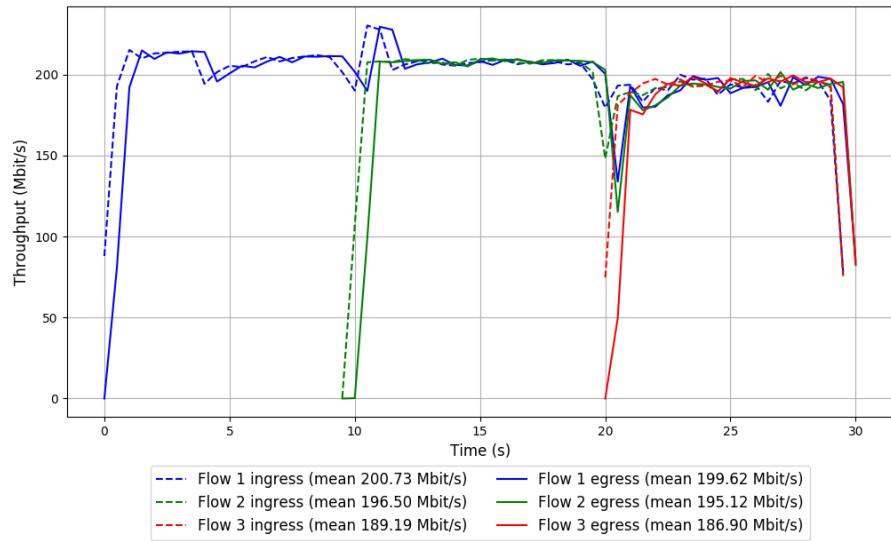


Run 8: Statistics of Indigo

```
Start at: 2018-08-22 05:49:24
End at: 2018-08-22 05:49:54
Local clock offset: -1.83 ms
Remote clock offset: -3.186 ms

# Below is generated by plot.py at 2018-08-22 08:26:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 389.85 Mbit/s
95th percentile per-packet one-way delay: 20.412 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 199.62 Mbit/s
95th percentile per-packet one-way delay: 20.276 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 195.12 Mbit/s
95th percentile per-packet one-way delay: 20.220 ms
Loss rate: 0.70%
-- Flow 3:
Average throughput: 186.90 Mbit/s
95th percentile per-packet one-way delay: 20.991 ms
Loss rate: 1.21%
```

Run 8: Report of Indigo — Data Link

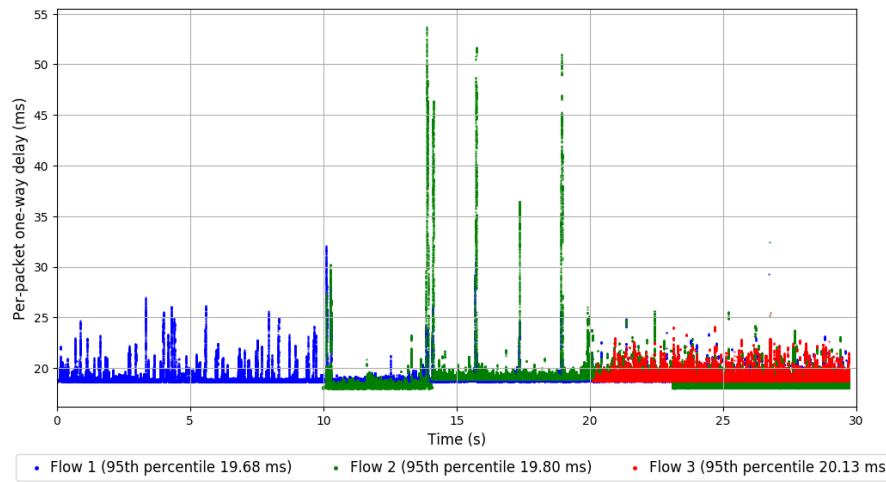
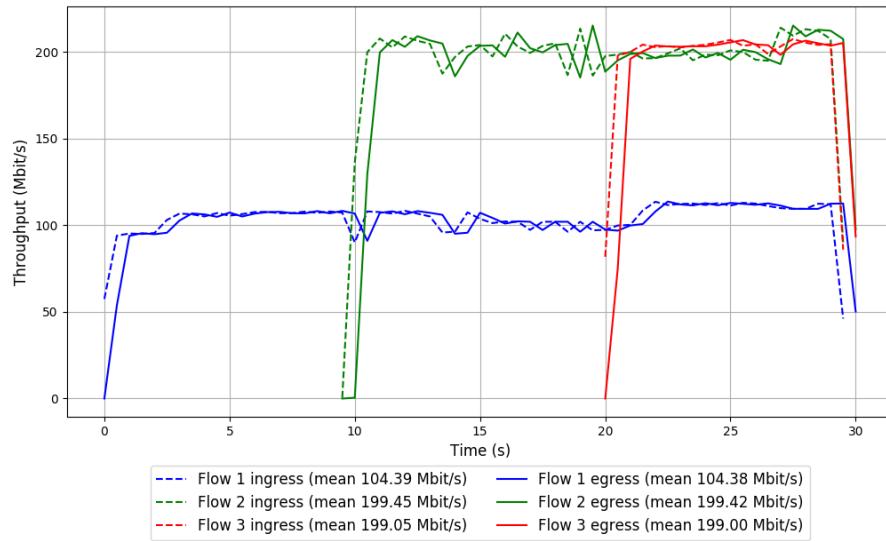


Run 9: Statistics of Indigo

```
Start at: 2018-08-22 06:16:26
End at: 2018-08-22 06:16:56
Local clock offset: -0.457 ms
Remote clock offset: 4.151 ms

# Below is generated by plot.py at 2018-08-22 08:26:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 301.44 Mbit/s
95th percentile per-packet one-way delay: 19.853 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 104.38 Mbit/s
95th percentile per-packet one-way delay: 19.677 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 199.42 Mbit/s
95th percentile per-packet one-way delay: 19.802 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 199.00 Mbit/s
95th percentile per-packet one-way delay: 20.132 ms
Loss rate: 0.02%
```

Run 9: Report of Indigo — Data Link

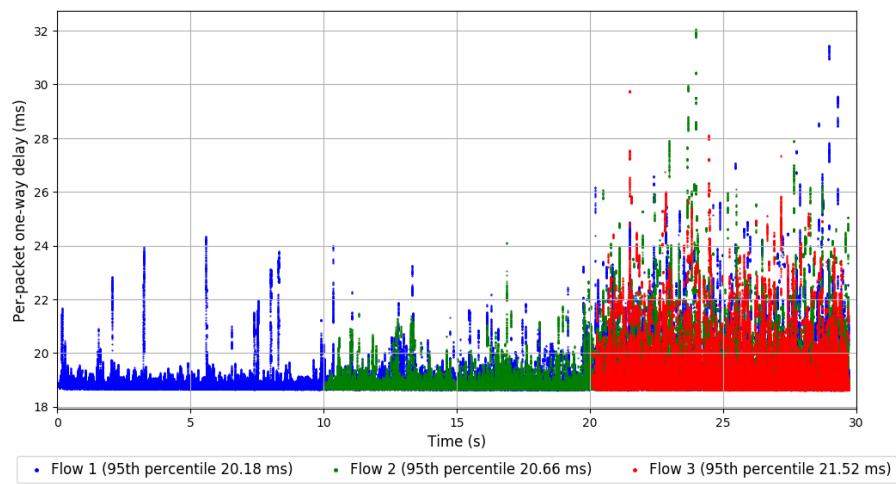
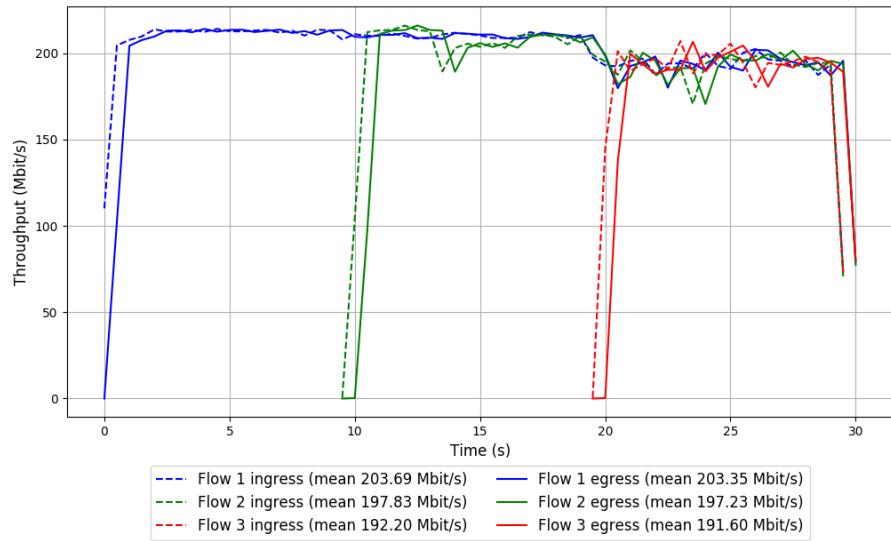


Run 10: Statistics of Indigo

```
Start at: 2018-08-22 06:43:14
End at: 2018-08-22 06:43:44
Local clock offset: 0.963 ms
Remote clock offset: 6.196 ms

# Below is generated by plot.py at 2018-08-22 08:26:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 396.97 Mbit/s
95th percentile per-packet one-way delay: 20.662 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 203.35 Mbit/s
95th percentile per-packet one-way delay: 20.185 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 197.23 Mbit/s
95th percentile per-packet one-way delay: 20.661 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 191.60 Mbit/s
95th percentile per-packet one-way delay: 21.521 ms
Loss rate: 0.33%
```

## Run 10: Report of Indigo — Data Link

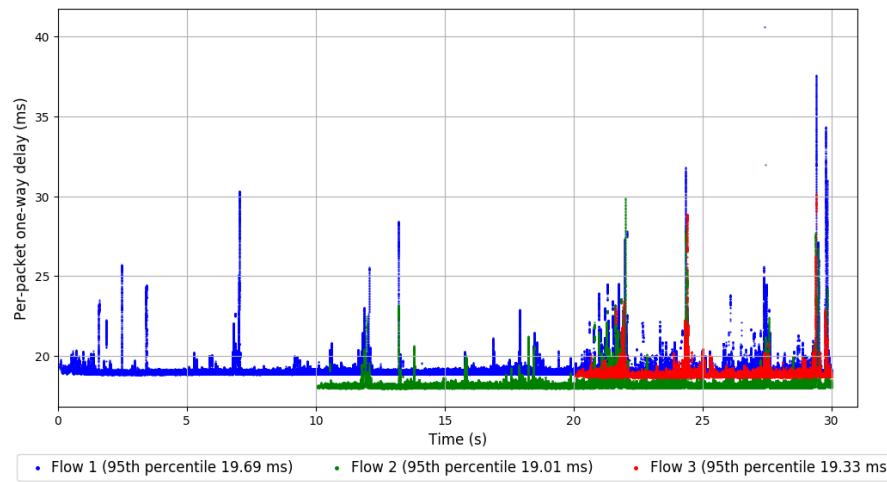
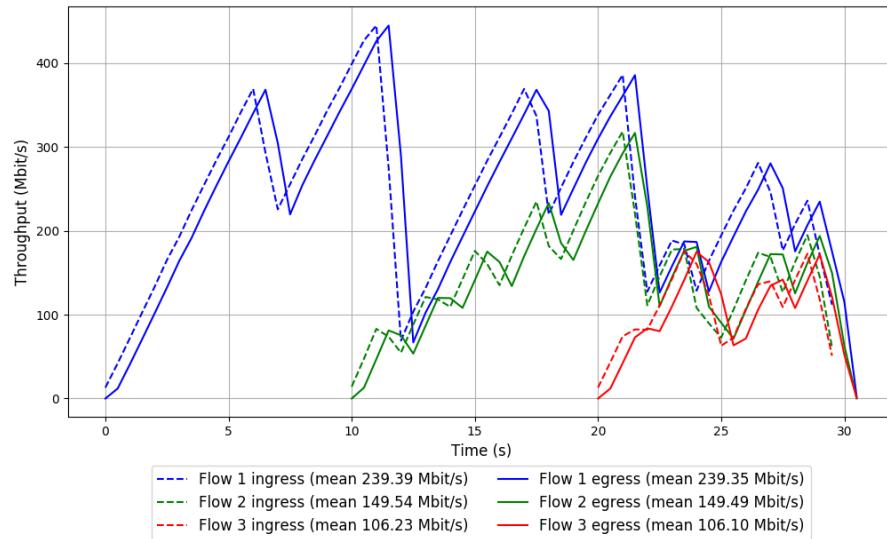


Run 1: Statistics of LEDBAT

```
Start at: 2018-08-22 02:26:42
End at: 2018-08-22 02:27:13
Local clock offset: 0.821 ms
Remote clock offset: -0.001 ms

# Below is generated by plot.py at 2018-08-22 08:27:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 374.17 Mbit/s
95th percentile per-packet one-way delay: 19.510 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 239.35 Mbit/s
95th percentile per-packet one-way delay: 19.690 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 149.49 Mbit/s
95th percentile per-packet one-way delay: 19.012 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 106.10 Mbit/s
95th percentile per-packet one-way delay: 19.330 ms
Loss rate: 0.13%
```

Run 1: Report of LEDBAT — Data Link

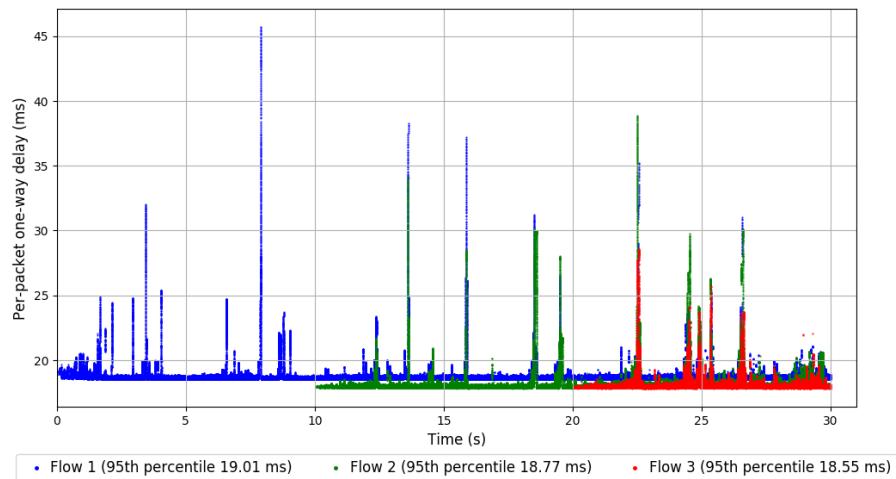
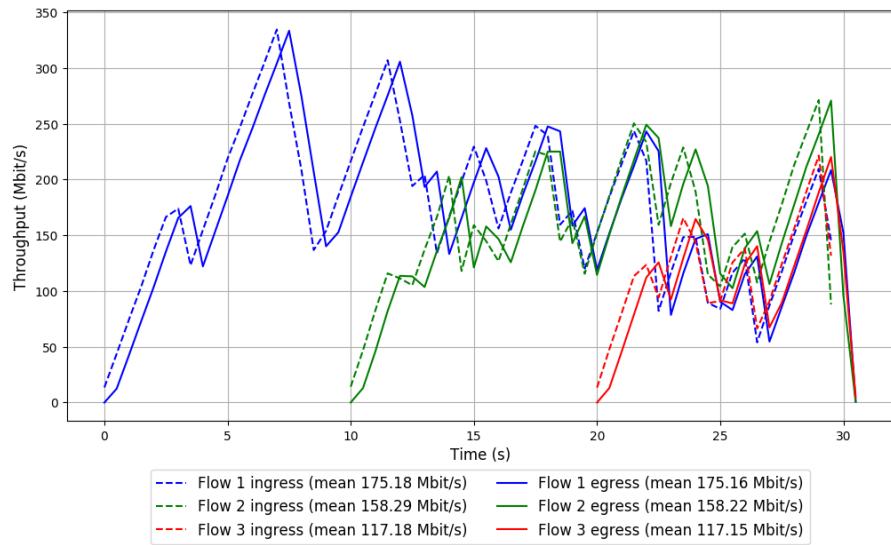


Run 2: Statistics of LEDBAT

```
Start at: 2018-08-22 02:54:06
End at: 2018-08-22 02:54:36
Local clock offset: 1.691 ms
Remote clock offset: 0.633 ms

# Below is generated by plot.py at 2018-08-22 08:27:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 319.47 Mbit/s
95th percentile per-packet one-way delay: 18.927 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 175.16 Mbit/s
95th percentile per-packet one-way delay: 19.006 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 158.22 Mbit/s
95th percentile per-packet one-way delay: 18.766 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 117.15 Mbit/s
95th percentile per-packet one-way delay: 18.551 ms
Loss rate: 0.03%
```

Run 2: Report of LEDBAT — Data Link

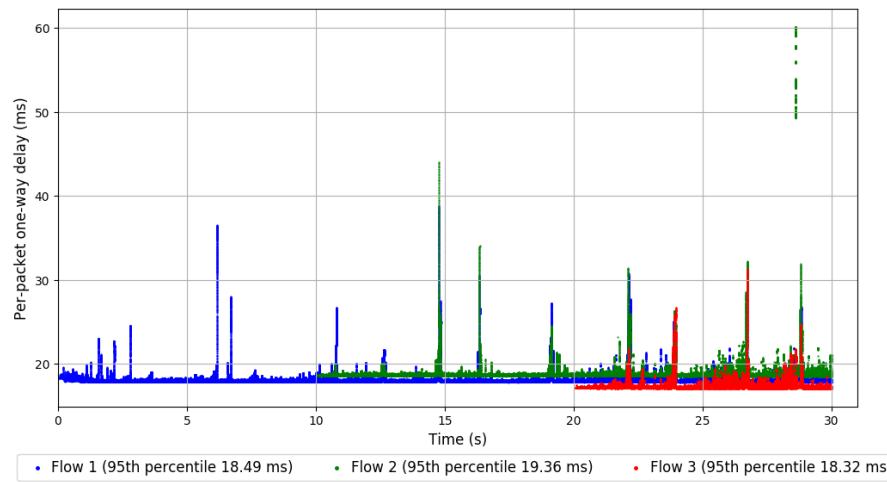
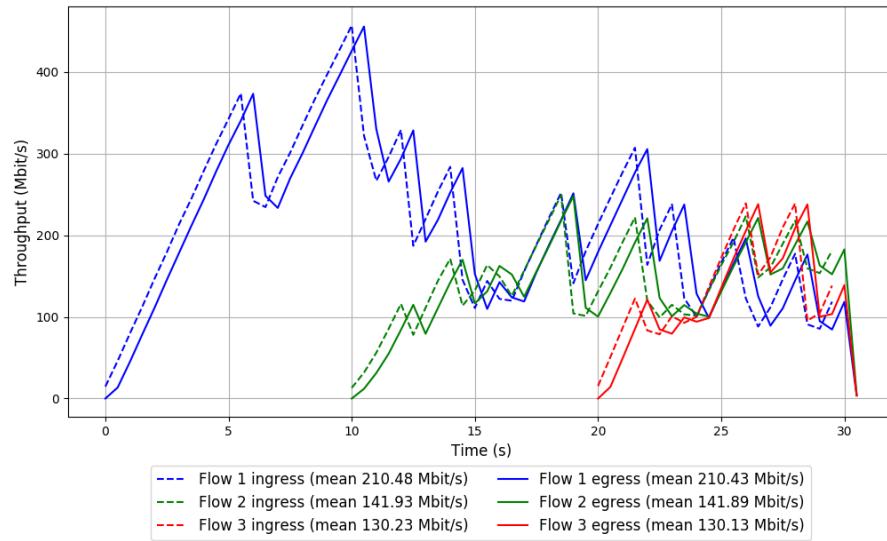


Run 3: Statistics of LEDBAT

```
Start at: 2018-08-22 03:21:31
End at: 2018-08-22 03:22:01
Local clock offset: 0.975 ms
Remote clock offset: 4.268 ms

# Below is generated by plot.py at 2018-08-22 08:27:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 348.19 Mbit/s
95th percentile per-packet one-way delay: 18.907 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 210.43 Mbit/s
95th percentile per-packet one-way delay: 18.489 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 141.89 Mbit/s
95th percentile per-packet one-way delay: 19.355 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 130.13 Mbit/s
95th percentile per-packet one-way delay: 18.321 ms
Loss rate: 0.07%
```

Run 3: Report of LEDBAT — Data Link

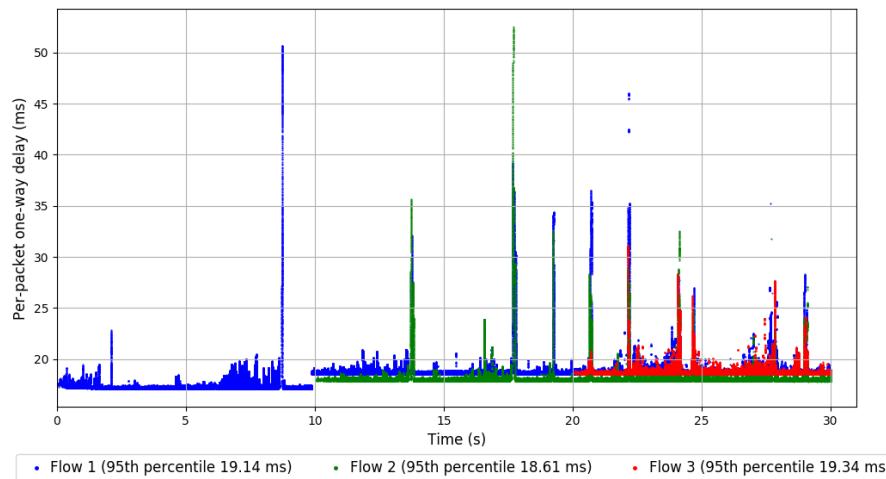
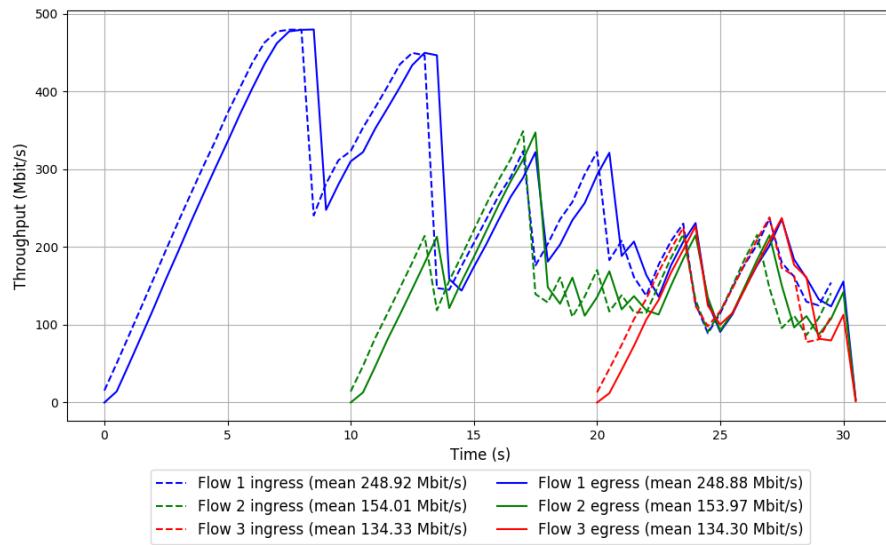


Run 4: Statistics of LEDBAT

```
Start at: 2018-08-22 03:48:46
End at: 2018-08-22 03:49:16
Local clock offset: -1.911 ms
Remote clock offset: 3.907 ms

# Below is generated by plot.py at 2018-08-22 08:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 396.09 Mbit/s
95th percentile per-packet one-way delay: 19.085 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 248.88 Mbit/s
95th percentile per-packet one-way delay: 19.136 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 153.97 Mbit/s
95th percentile per-packet one-way delay: 18.609 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 134.30 Mbit/s
95th percentile per-packet one-way delay: 19.345 ms
Loss rate: 0.03%
```

Run 4: Report of LEDBAT — Data Link

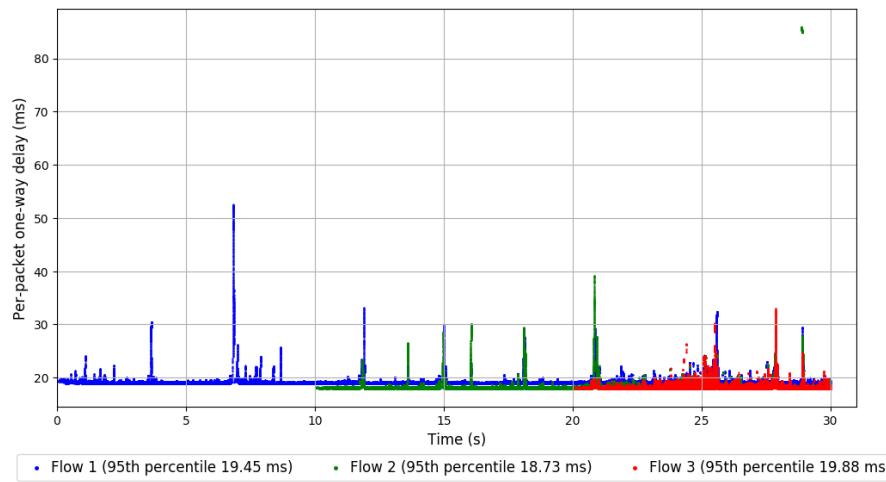
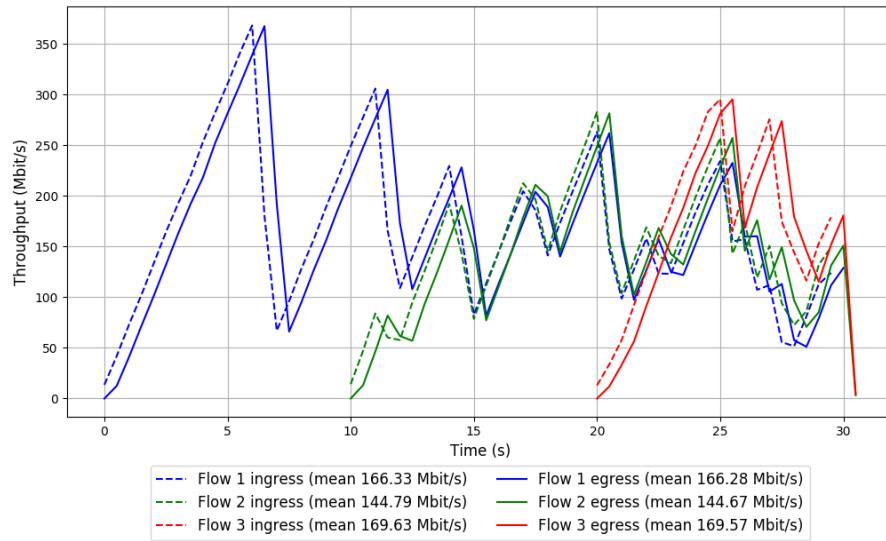


Run 5: Statistics of LEDBAT

```
Start at: 2018-08-22 04:16:08
End at: 2018-08-22 04:16:38
Local clock offset: -2.89 ms
Remote clock offset: 3.532 ms

# Below is generated by plot.py at 2018-08-22 08:29:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 318.94 Mbit/s
95th percentile per-packet one-way delay: 19.373 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 166.28 Mbit/s
95th percentile per-packet one-way delay: 19.453 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 144.67 Mbit/s
95th percentile per-packet one-way delay: 18.735 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 169.57 Mbit/s
95th percentile per-packet one-way delay: 19.877 ms
Loss rate: 0.04%
```

Run 5: Report of LEDBAT — Data Link

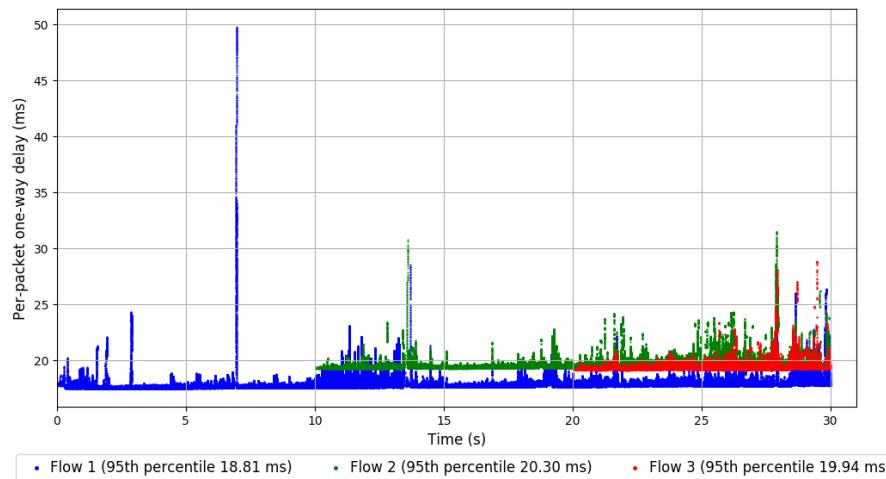
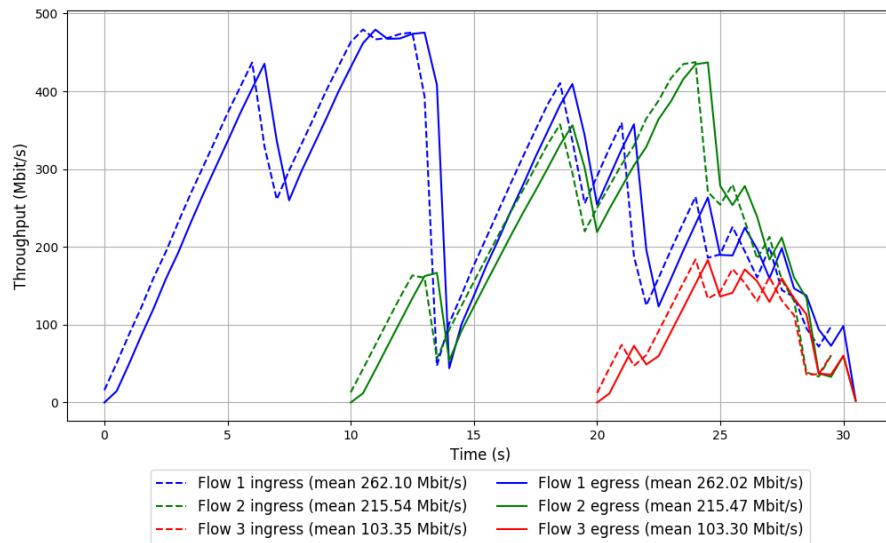


Run 6: Statistics of LEDBAT

```
Start at: 2018-08-22 04:43:16
End at: 2018-08-22 04:43:46
Local clock offset: -1.179 ms
Remote clock offset: 2.37 ms

# Below is generated by plot.py at 2018-08-22 08:30:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 439.89 Mbit/s
95th percentile per-packet one-way delay: 19.905 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 262.02 Mbit/s
95th percentile per-packet one-way delay: 18.811 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 215.47 Mbit/s
95th percentile per-packet one-way delay: 20.296 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 103.30 Mbit/s
95th percentile per-packet one-way delay: 19.938 ms
Loss rate: 0.04%
```

Run 6: Report of LEDBAT — Data Link

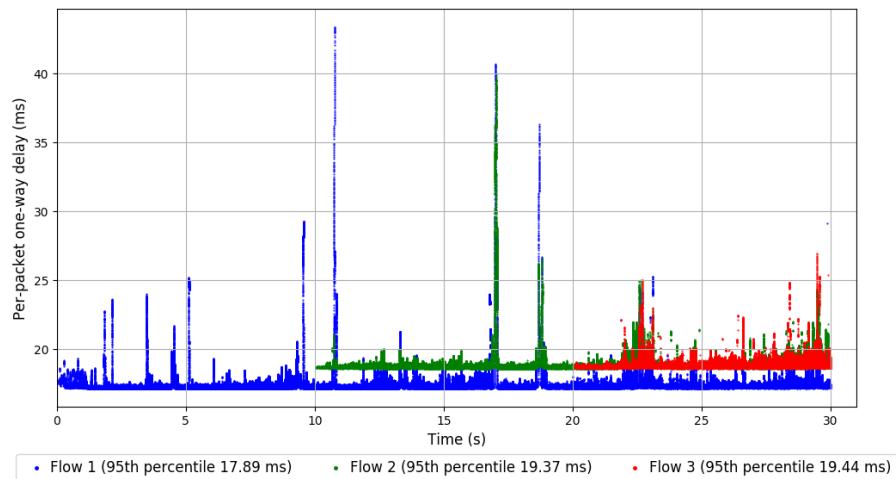
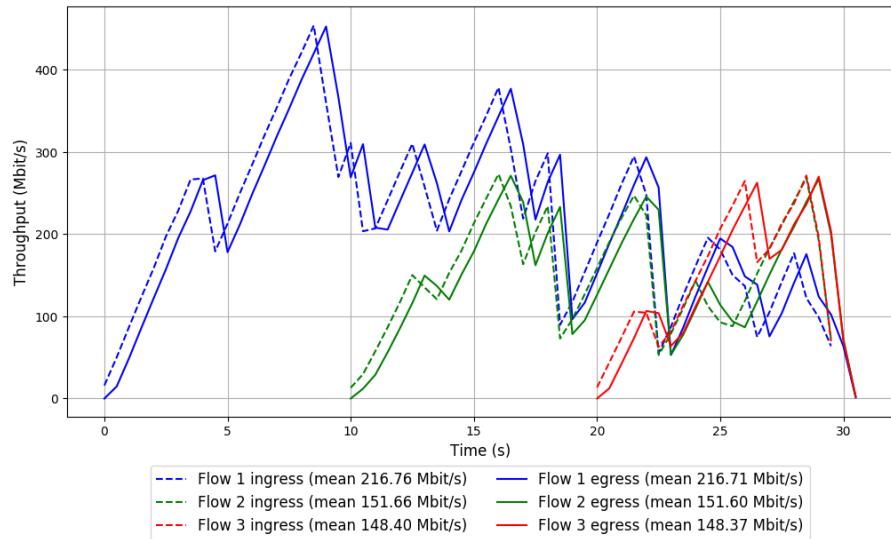


Run 7: Statistics of LEDBAT

```
Start at: 2018-08-22 05:10:34
End at: 2018-08-22 05:11:04
Local clock offset: 1.167 ms
Remote clock offset: -1.656 ms

# Below is generated by plot.py at 2018-08-22 08:31:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 366.96 Mbit/s
95th percentile per-packet one-way delay: 19.060 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 216.71 Mbit/s
95th percentile per-packet one-way delay: 17.886 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 151.60 Mbit/s
95th percentile per-packet one-way delay: 19.373 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 148.37 Mbit/s
95th percentile per-packet one-way delay: 19.443 ms
Loss rate: 0.01%
```

Run 7: Report of LEDBAT — Data Link

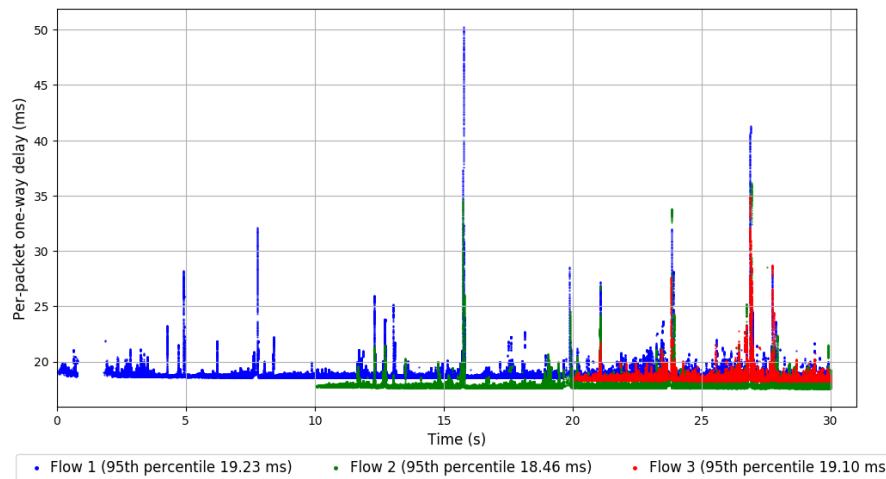
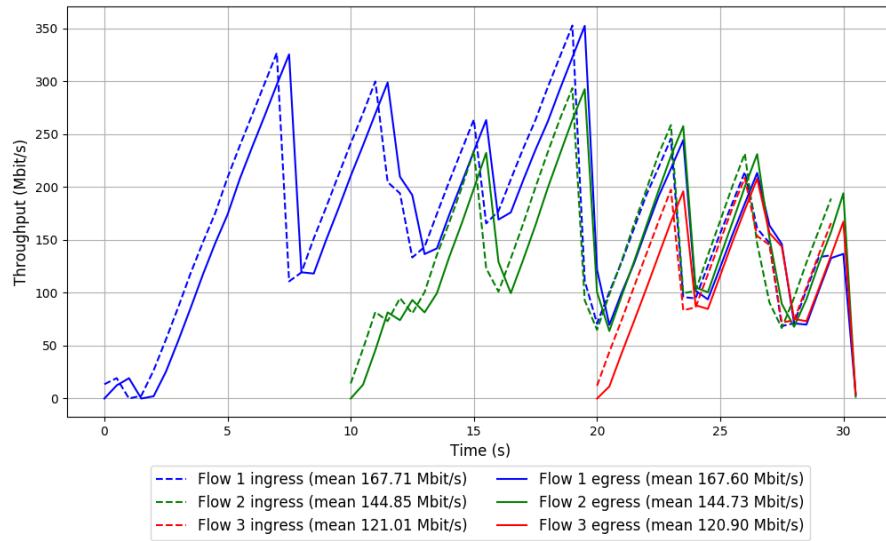


Run 8: Statistics of LEDBAT

```
Start at: 2018-08-22 05:37:51
End at: 2018-08-22 05:38:21
Local clock offset: 0.864 ms
Remote clock offset: -3.309 ms

# Below is generated by plot.py at 2018-08-22 08:31:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 304.23 Mbit/s
95th percentile per-packet one-way delay: 19.075 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 167.60 Mbit/s
95th percentile per-packet one-way delay: 19.234 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 144.73 Mbit/s
95th percentile per-packet one-way delay: 18.457 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 120.90 Mbit/s
95th percentile per-packet one-way delay: 19.097 ms
Loss rate: 0.08%
```

Run 8: Report of LEDBAT — Data Link

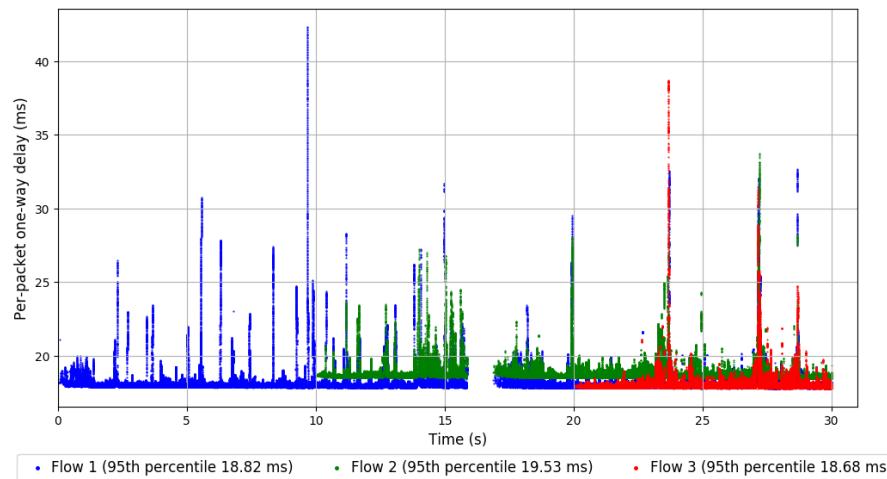
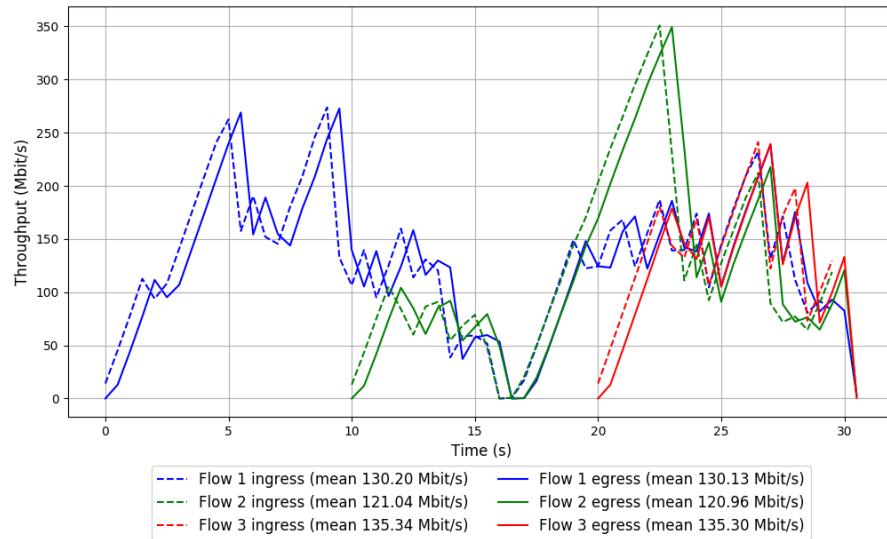


Run 9: Statistics of LEDBAT

```
Start at: 2018-08-22 06:04:59
End at: 2018-08-22 06:05:29
Local clock offset: -3.026 ms
Remote clock offset: 2.783 ms

# Below is generated by plot.py at 2018-08-22 08:31:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 255.69 Mbit/s
95th percentile per-packet one-way delay: 19.132 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 130.13 Mbit/s
95th percentile per-packet one-way delay: 18.816 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 120.96 Mbit/s
95th percentile per-packet one-way delay: 19.528 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 135.30 Mbit/s
95th percentile per-packet one-way delay: 18.678 ms
Loss rate: 0.03%
```

Run 9: Report of LEDBAT — Data Link

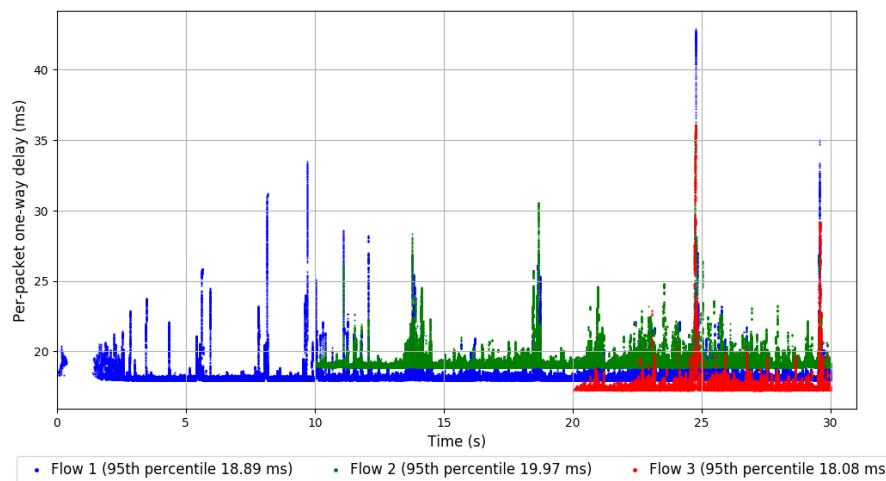
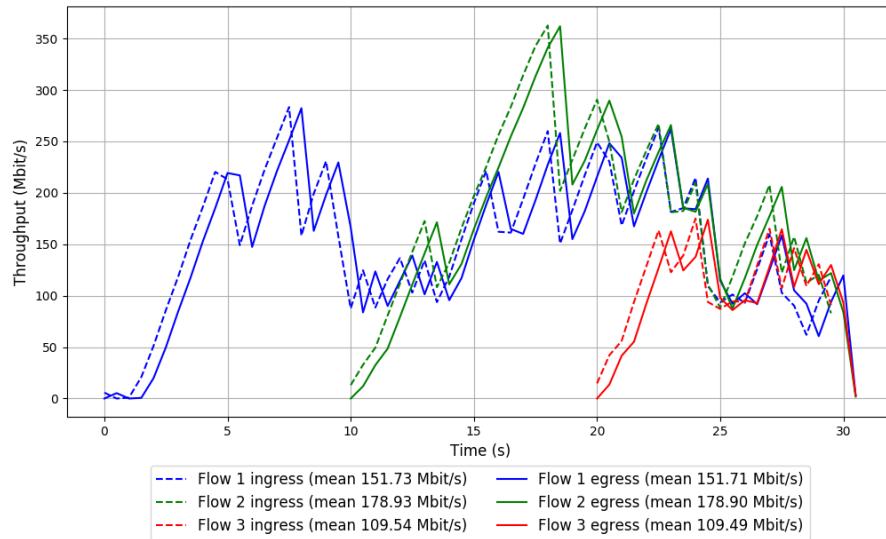


Run 10: Statistics of LEDBAT

```
Start at: 2018-08-22 06:31:44
End at: 2018-08-22 06:32:14
Local clock offset: 0.972 ms
Remote clock offset: 5.306 ms

# Below is generated by plot.py at 2018-08-22 08:31:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 307.29 Mbit/s
95th percentile per-packet one-way delay: 19.544 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 151.71 Mbit/s
95th percentile per-packet one-way delay: 18.890 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 178.90 Mbit/s
95th percentile per-packet one-way delay: 19.969 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 109.49 Mbit/s
95th percentile per-packet one-way delay: 18.082 ms
Loss rate: 0.05%
```

Run 10: Report of LEDBAT — Data Link

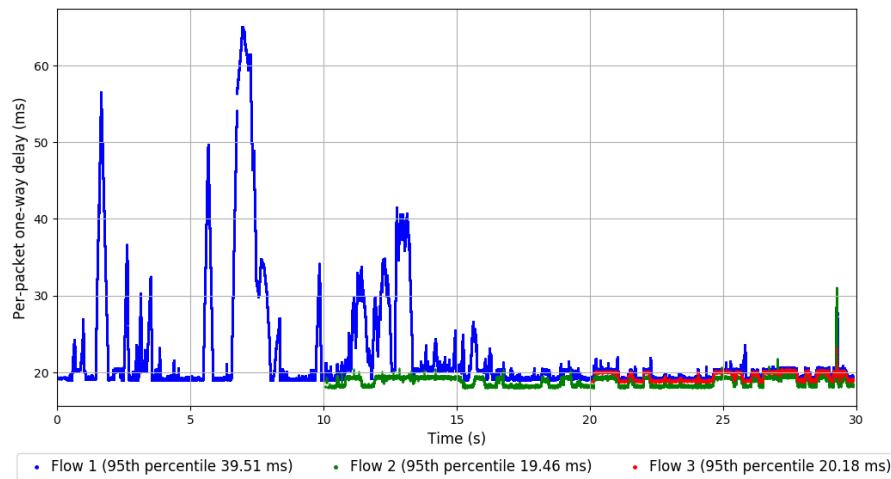
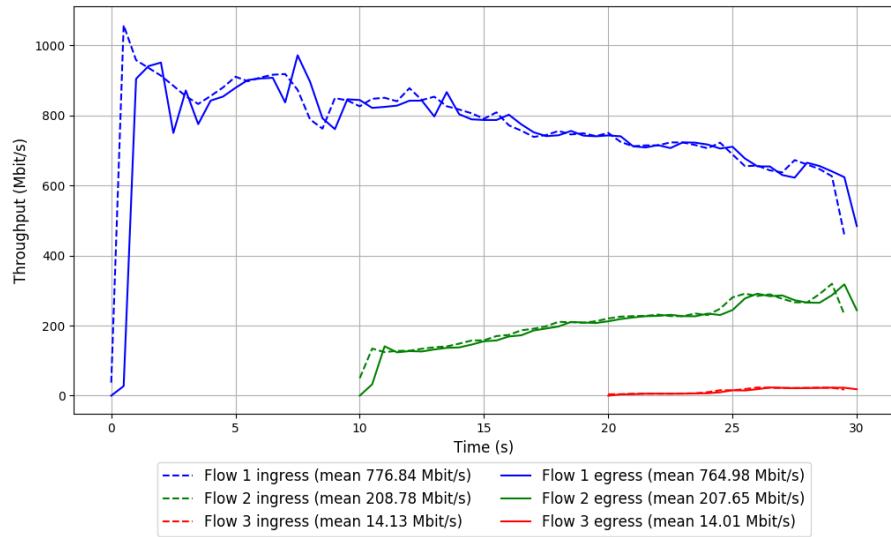


Run 1: Statistics of PCC-Allegro

```
Start at: 2018-08-22 02:40:00
End at: 2018-08-22 02:40:30
Local clock offset: 1.43 ms
Remote clock offset: 0.32 ms

# Below is generated by plot.py at 2018-08-22 08:38:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 907.69 Mbit/s
95th percentile per-packet one-way delay: 37.630 ms
Loss rate: 1.38%
-- Flow 1:
Average throughput: 764.98 Mbit/s
95th percentile per-packet one-way delay: 39.505 ms
Loss rate: 1.53%
-- Flow 2:
Average throughput: 207.65 Mbit/s
95th percentile per-packet one-way delay: 19.458 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 14.01 Mbit/s
95th percentile per-packet one-way delay: 20.180 ms
Loss rate: 0.86%
```

Run 1: Report of PCC-Allegro — Data Link

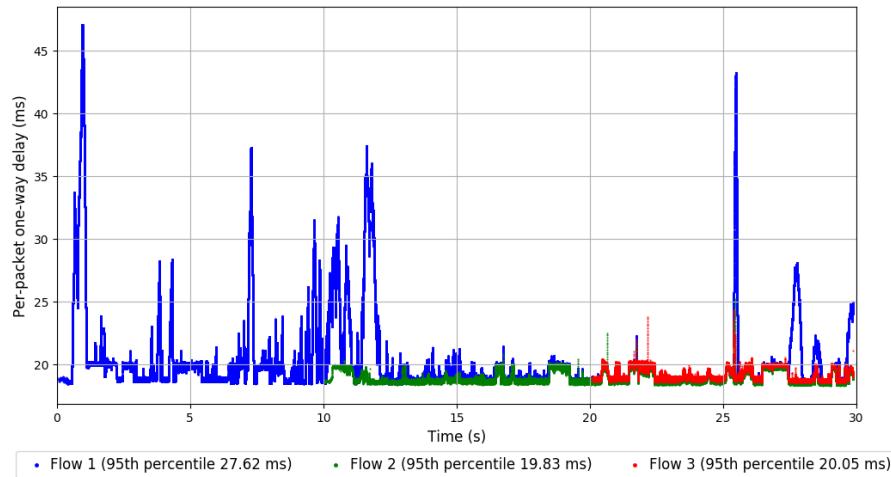
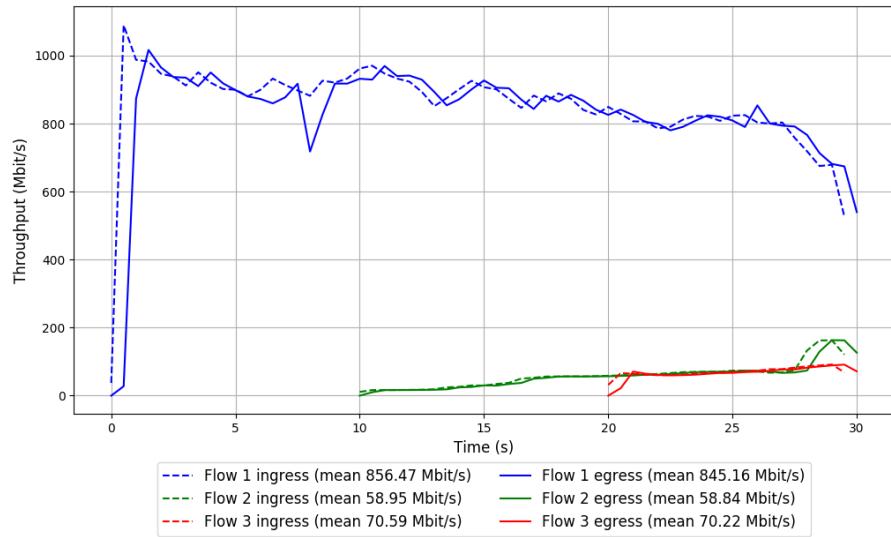


Run 2: Statistics of PCC-Allegro

```
Start at: 2018-08-22 03:07:21
End at: 2018-08-22 03:07:51
Local clock offset: 2.02 ms
Remote clock offset: 2.741 ms

# Below is generated by plot.py at 2018-08-22 08:39:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 907.40 Mbit/s
95th percentile per-packet one-way delay: 27.294 ms
Loss rate: 1.25%
-- Flow 1:
Average throughput: 845.16 Mbit/s
95th percentile per-packet one-way delay: 27.618 ms
Loss rate: 1.32%
-- Flow 2:
Average throughput: 58.84 Mbit/s
95th percentile per-packet one-way delay: 19.832 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 70.22 Mbit/s
95th percentile per-packet one-way delay: 20.055 ms
Loss rate: 0.51%
```

Run 2: Report of PCC-Allegro — Data Link

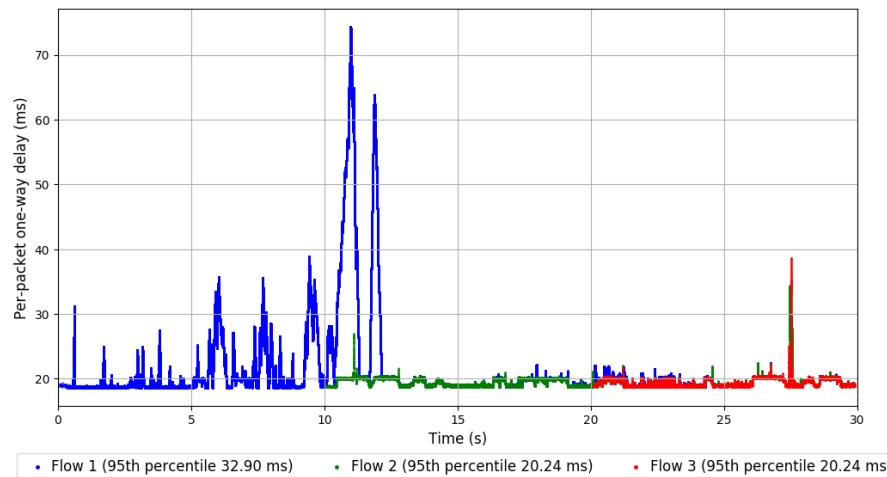
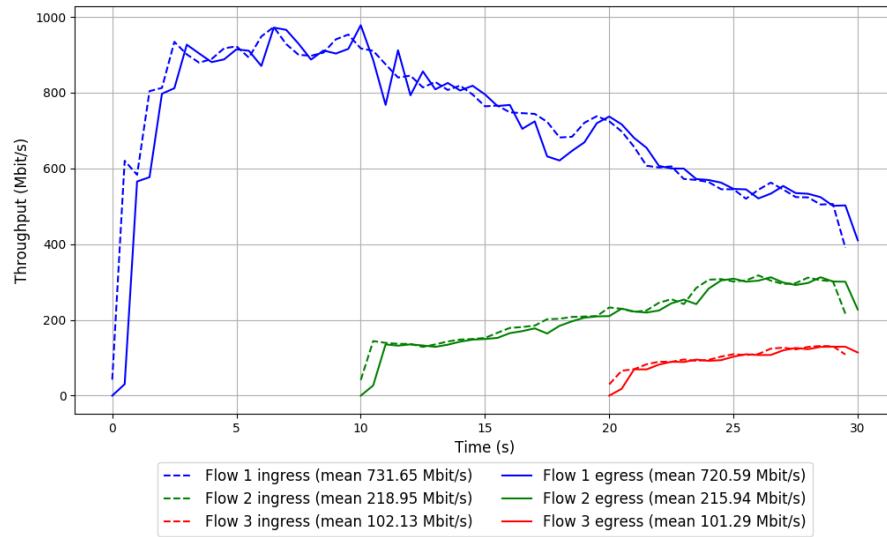


Run 3: Statistics of PCC-Allegro

```
Start at: 2018-08-22 03:34:37
End at: 2018-08-22 03:35:07
Local clock offset: 0.853 ms
Remote clock offset: 4.638 ms

# Below is generated by plot.py at 2018-08-22 08:40:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 897.55 Mbit/s
95th percentile per-packet one-way delay: 30.238 ms
Loss rate: 1.46%
-- Flow 1:
Average throughput: 720.59 Mbit/s
95th percentile per-packet one-way delay: 32.898 ms
Loss rate: 1.51%
-- Flow 2:
Average throughput: 215.94 Mbit/s
95th percentile per-packet one-way delay: 20.240 ms
Loss rate: 1.38%
-- Flow 3:
Average throughput: 101.29 Mbit/s
95th percentile per-packet one-way delay: 20.241 ms
Loss rate: 0.83%
```

### Run 3: Report of PCC-Allegro — Data Link

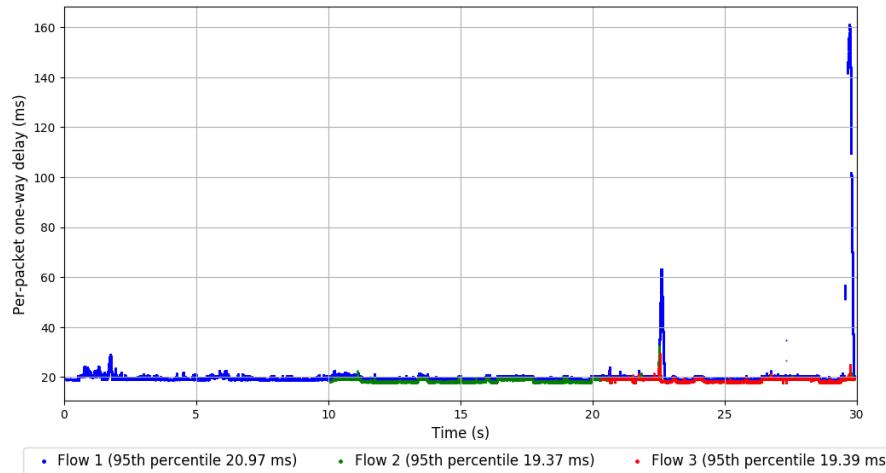
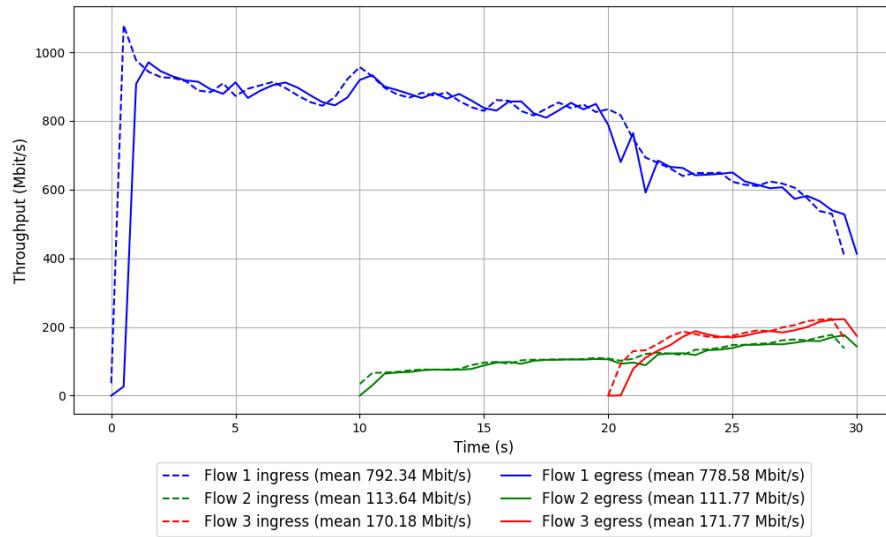


Run 4: Statistics of PCC-Allegro

```
Start at: 2018-08-22 04:02:00
End at: 2018-08-22 04:02:30
Local clock offset: -3.083 ms
Remote clock offset: 4.104 ms

# Below is generated by plot.py at 2018-08-22 08:40:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 908.10 Mbit/s
95th percentile per-packet one-way delay: 20.764 ms
Loss rate: 1.72%
-- Flow 1:
Average throughput: 778.58 Mbit/s
95th percentile per-packet one-way delay: 20.973 ms
Loss rate: 1.74%
-- Flow 2:
Average throughput: 111.77 Mbit/s
95th percentile per-packet one-way delay: 19.367 ms
Loss rate: 1.64%
-- Flow 3:
Average throughput: 171.77 Mbit/s
95th percentile per-packet one-way delay: 19.389 ms
Loss rate: 1.65%
```

Run 4: Report of PCC-Allegro — Data Link

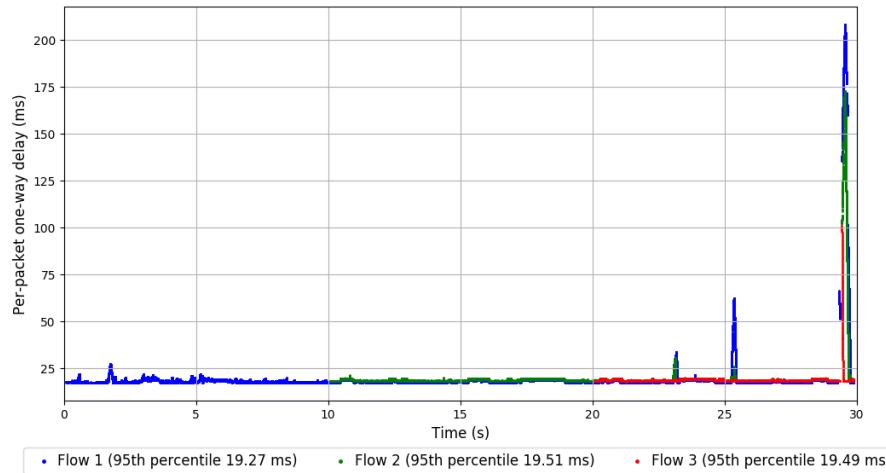
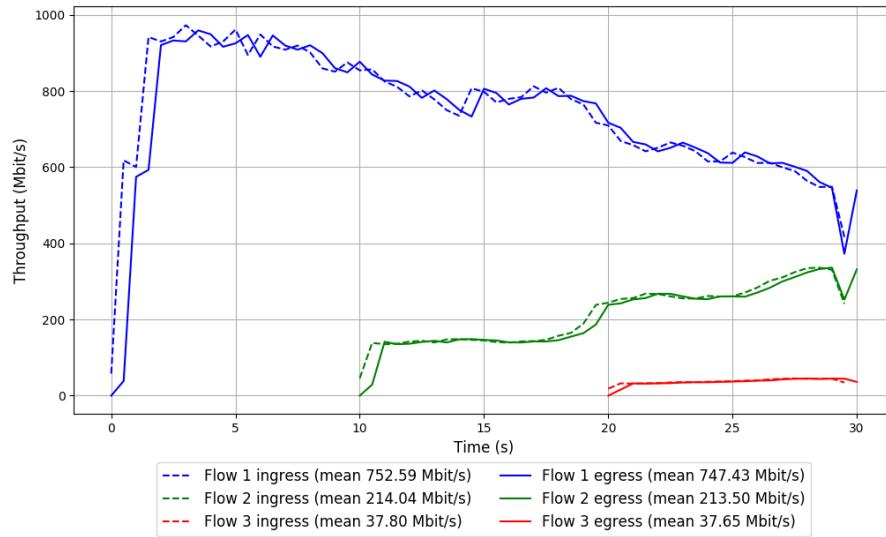


Run 5: Statistics of PCC-Allegro

```
Start at: 2018-08-22 04:29:15
End at: 2018-08-22 04:29:45
Local clock offset: -3.035 ms
Remote clock offset: 3.38 ms

# Below is generated by plot.py at 2018-08-22 08:41:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 901.81 Mbit/s
95th percentile per-packet one-way delay: 19.462 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 747.43 Mbit/s
95th percentile per-packet one-way delay: 19.269 ms
Loss rate: 0.68%
-- Flow 2:
Average throughput: 213.50 Mbit/s
95th percentile per-packet one-way delay: 19.510 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 37.65 Mbit/s
95th percentile per-packet one-way delay: 19.487 ms
Loss rate: 0.41%
```

Run 5: Report of PCC-Allegro — Data Link

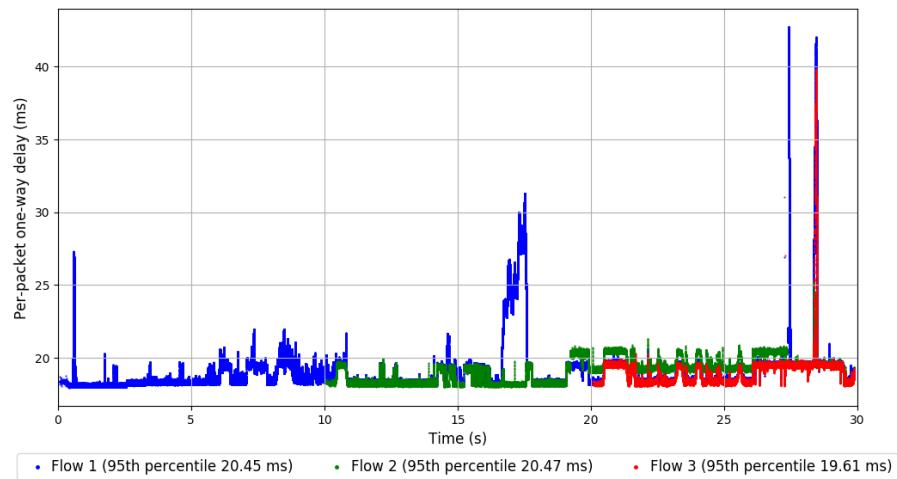
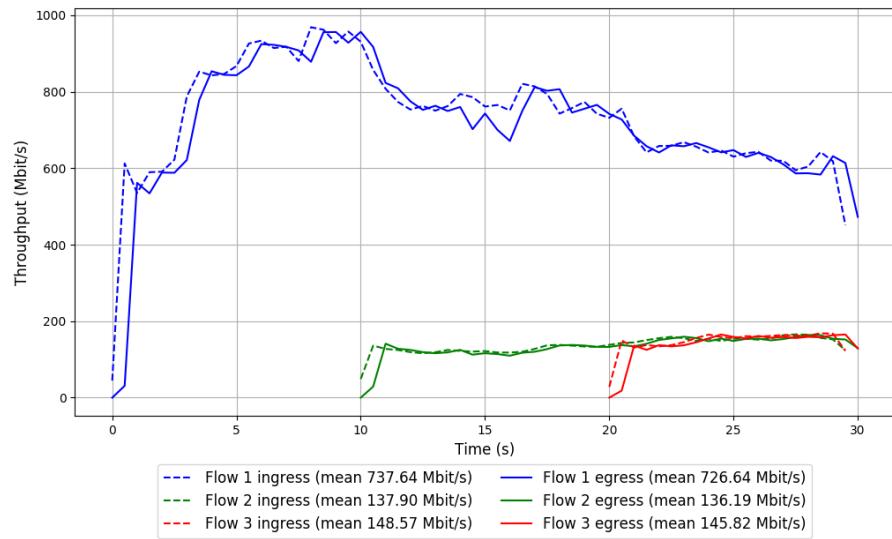


Run 6: Statistics of PCC-Allegro

```
Start at: 2018-08-22 04:56:31
End at: 2018-08-22 04:57:01
Local clock offset: 0.722 ms
Remote clock offset: -0.447 ms

# Below is generated by plot.py at 2018-08-22 08:41:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 865.24 Mbit/s
95th percentile per-packet one-way delay: 20.436 ms
Loss rate: 1.48%
-- Flow 1:
Average throughput: 726.64 Mbit/s
95th percentile per-packet one-way delay: 20.448 ms
Loss rate: 1.49%
-- Flow 2:
Average throughput: 136.19 Mbit/s
95th percentile per-packet one-way delay: 20.466 ms
Loss rate: 1.24%
-- Flow 3:
Average throughput: 145.82 Mbit/s
95th percentile per-packet one-way delay: 19.608 ms
Loss rate: 1.84%
```

Run 6: Report of PCC-Allegro — Data Link

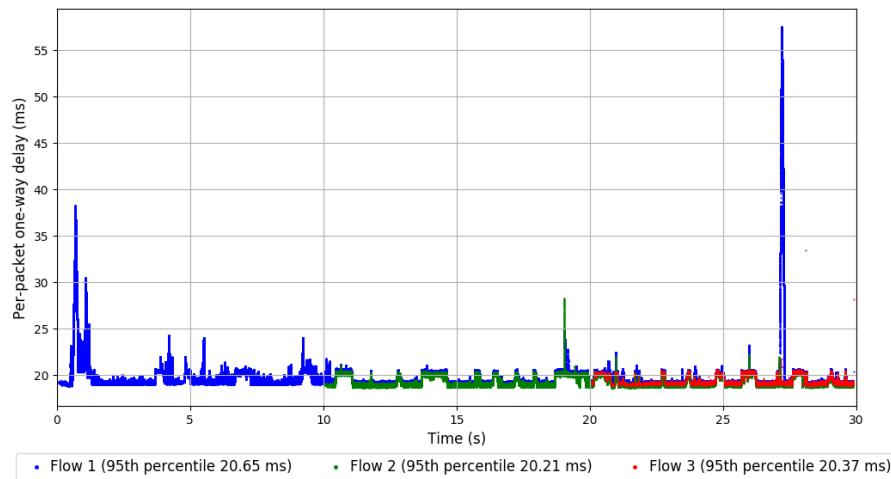
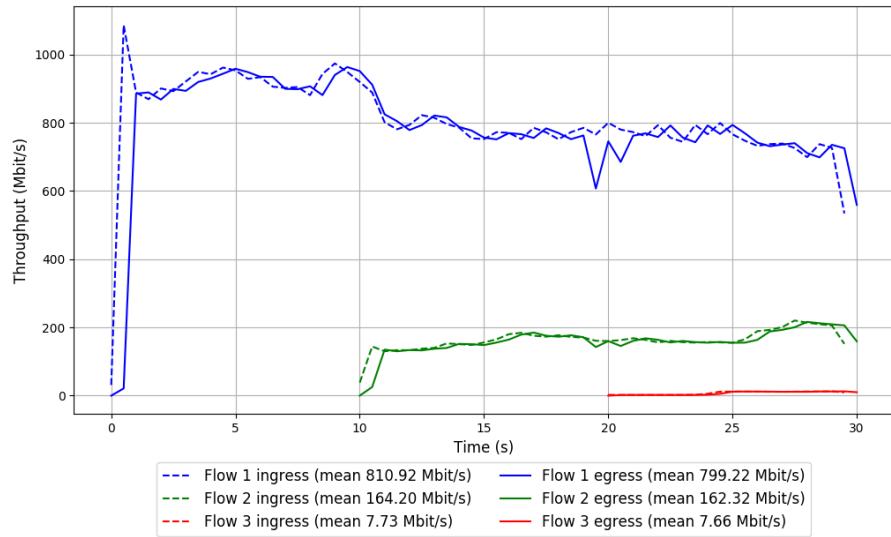


Run 7: Statistics of PCC-Allegro

```
Start at: 2018-08-22 05:23:49
End at: 2018-08-22 05:24:19
Local clock offset: 1.0 ms
Remote clock offset: -2.439 ms

# Below is generated by plot.py at 2018-08-22 08:41:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 909.43 Mbit/s
95th percentile per-packet one-way delay: 20.581 ms
Loss rate: 1.40%
-- Flow 1:
Average throughput: 799.22 Mbit/s
95th percentile per-packet one-way delay: 20.646 ms
Loss rate: 1.44%
-- Flow 2:
Average throughput: 162.32 Mbit/s
95th percentile per-packet one-way delay: 20.206 ms
Loss rate: 1.15%
-- Flow 3:
Average throughput: 7.66 Mbit/s
95th percentile per-packet one-way delay: 20.372 ms
Loss rate: 0.75%
```

Run 7: Report of PCC-Allegro — Data Link

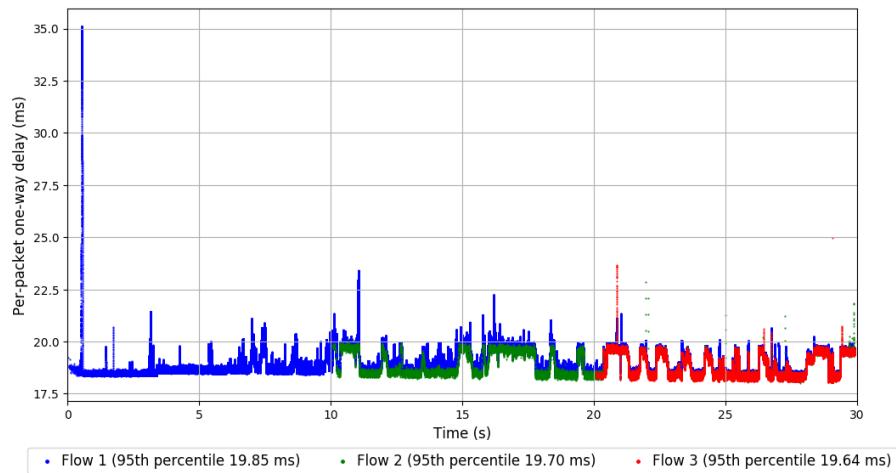
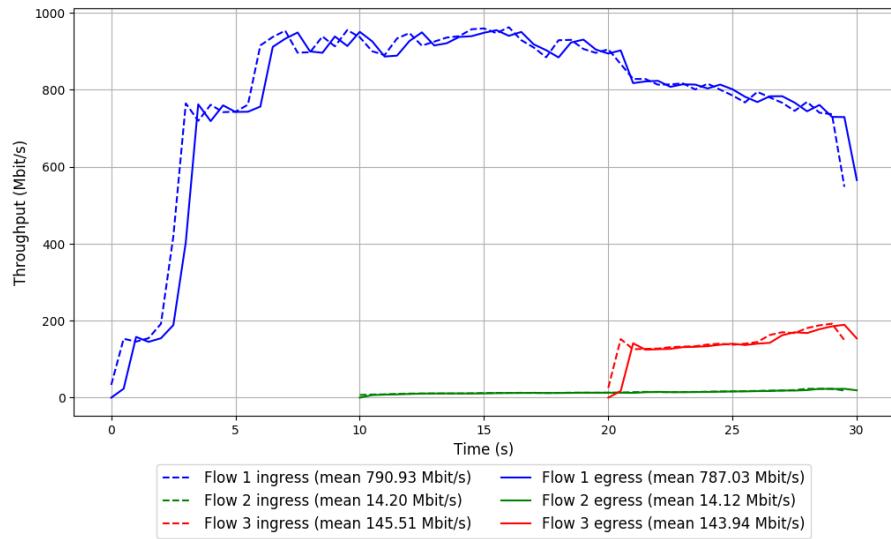


Run 8: Statistics of PCC-Allegro

```
Start at: 2018-08-22 05:50:59
End at: 2018-08-22 05:51:29
Local clock offset: -2.136 ms
Remote clock offset: -2.317 ms

# Below is generated by plot.py at 2018-08-22 08:41:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 843.89 Mbit/s
95th percentile per-packet one-way delay: 19.844 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 787.03 Mbit/s
95th percentile per-packet one-way delay: 19.854 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 14.12 Mbit/s
95th percentile per-packet one-way delay: 19.696 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 143.94 Mbit/s
95th percentile per-packet one-way delay: 19.636 ms
Loss rate: 1.07%
```

Run 8: Report of PCC-Allegro — Data Link

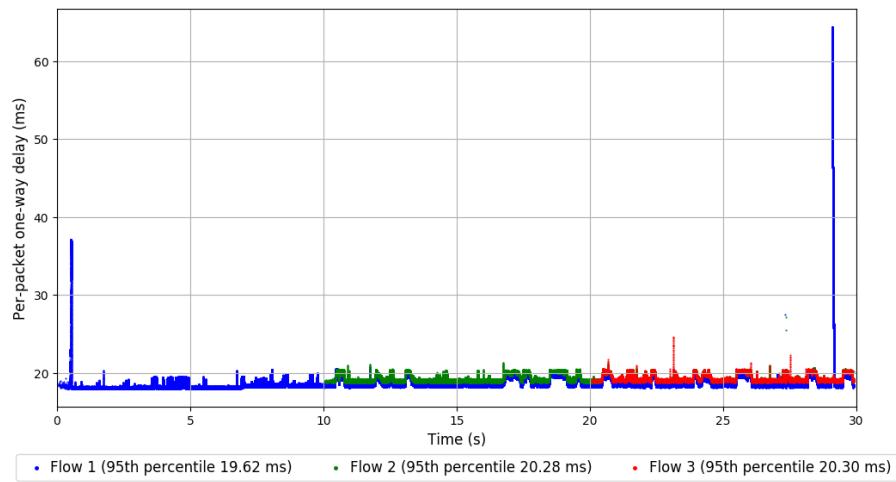
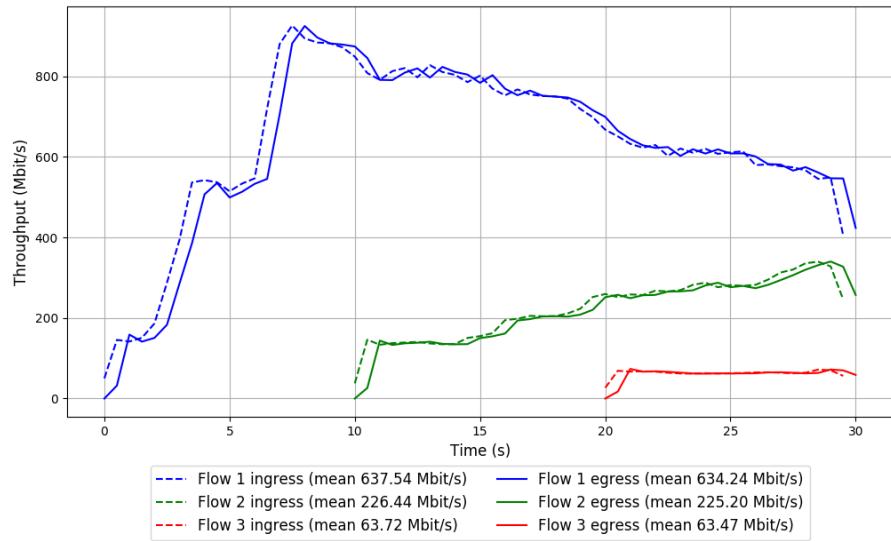


Run 9: Statistics of PCC-Allegro

```
Start at: 2018-08-22 06:17:58
End at: 2018-08-22 06:18:28
Local clock offset: -0.208 ms
Remote clock offset: 4.381 ms

# Below is generated by plot.py at 2018-08-22 08:47:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 804.86 Mbit/s
95th percentile per-packet one-way delay: 20.024 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 634.24 Mbit/s
95th percentile per-packet one-way delay: 19.621 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 225.20 Mbit/s
95th percentile per-packet one-way delay: 20.284 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 63.47 Mbit/s
95th percentile per-packet one-way delay: 20.299 ms
Loss rate: 0.39%
```

Run 9: Report of PCC-Allegro — Data Link

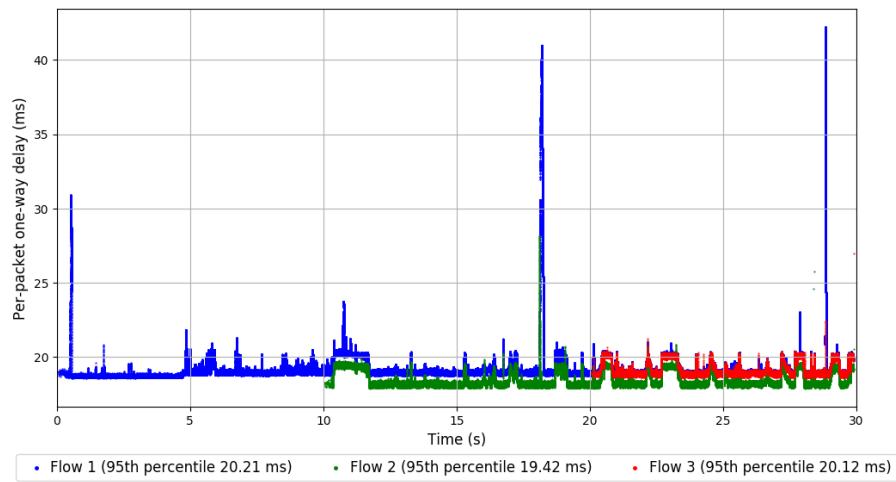
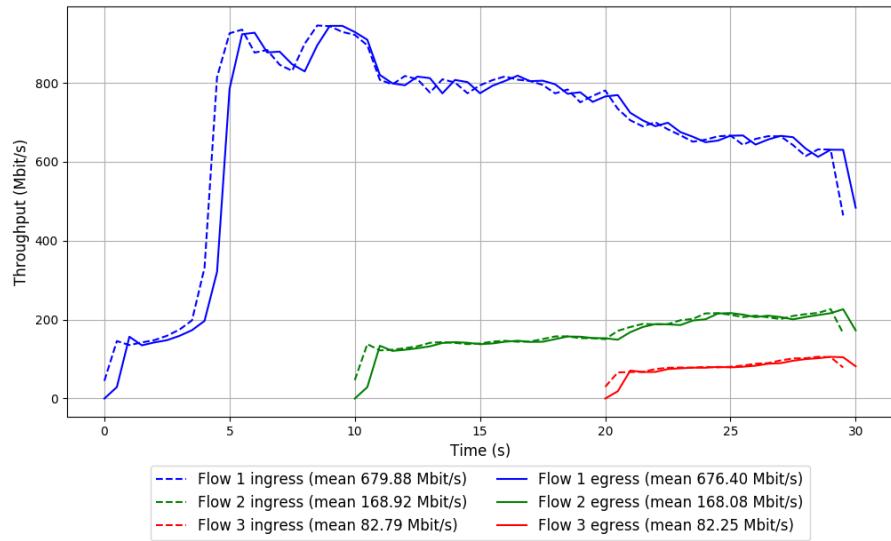


Run 10: Statistics of PCC-Allegro

```
Start at: 2018-08-22 06:44:49
End at: 2018-08-22 06:45:19
Local clock offset: 0.893 ms
Remote clock offset: 6.258 ms

# Below is generated by plot.py at 2018-08-22 08:49:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 815.14 Mbit/s
95th percentile per-packet one-way delay: 20.192 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 676.40 Mbit/s
95th percentile per-packet one-way delay: 20.211 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 168.08 Mbit/s
95th percentile per-packet one-way delay: 19.420 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 82.25 Mbit/s
95th percentile per-packet one-way delay: 20.125 ms
Loss rate: 0.58%
```

Run 10: Report of PCC-Allegro — Data Link

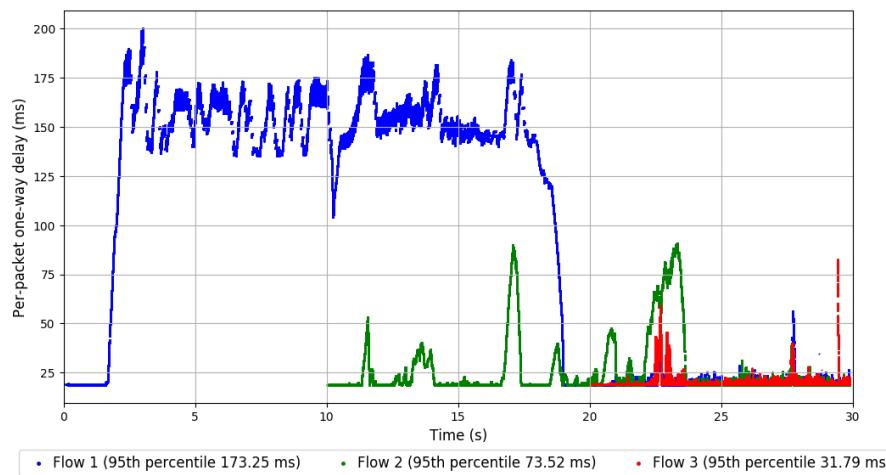
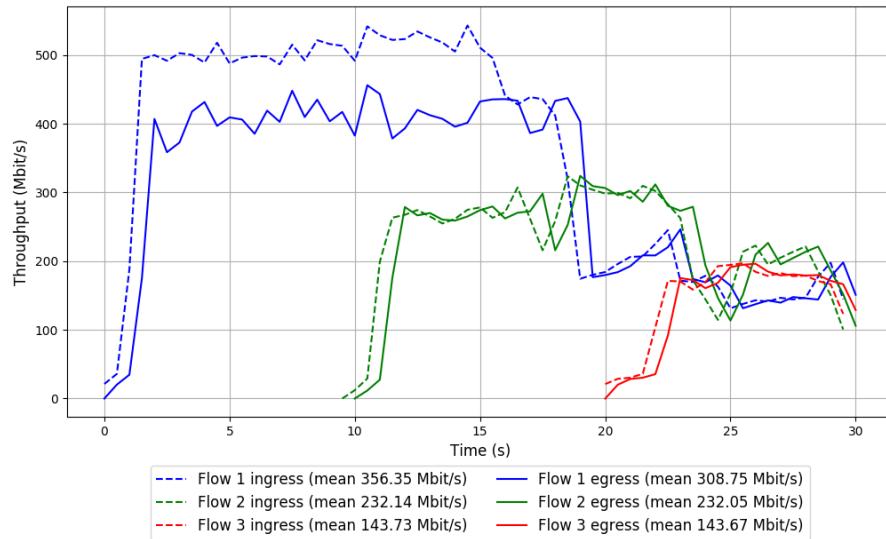


Run 1: Statistics of PCC-Expr

```
Start at: 2018-08-22 02:34:47
End at: 2018-08-22 02:35:17
Local clock offset: 1.409 ms
Remote clock offset: 0.209 ms

# Below is generated by plot.py at 2018-08-22 08:51:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 510.65 Mbit/s
95th percentile per-packet one-way delay: 169.249 ms
Loss rate: 8.54%
-- Flow 1:
Average throughput: 308.75 Mbit/s
95th percentile per-packet one-way delay: 173.246 ms
Loss rate: 13.36%
-- Flow 2:
Average throughput: 232.05 Mbit/s
95th percentile per-packet one-way delay: 73.522 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 143.67 Mbit/s
95th percentile per-packet one-way delay: 31.787 ms
Loss rate: 0.06%
```

Run 1: Report of PCC-Expr — Data Link

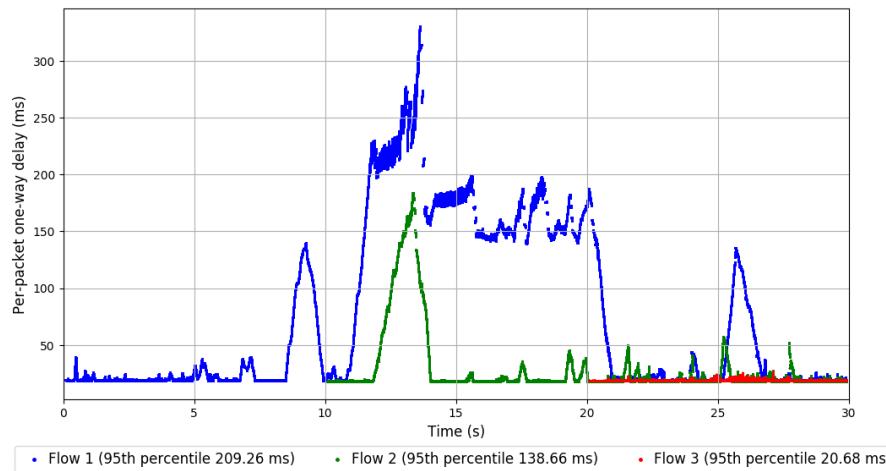
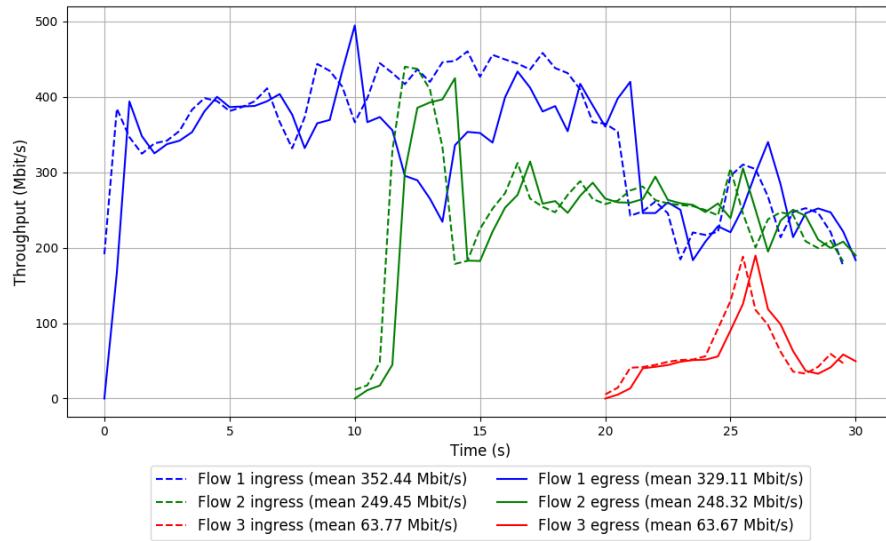


Run 2: Statistics of PCC-Expr

```
Start at: 2018-08-22 03:02:08
End at: 2018-08-22 03:02:38
Local clock offset: 1.796 ms
Remote clock offset: 1.781 ms

# Below is generated by plot.py at 2018-08-22 08:52:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 515.29 Mbit/s
95th percentile per-packet one-way delay: 185.408 ms
Loss rate: 4.48%
-- Flow 1:
Average throughput: 329.11 Mbit/s
95th percentile per-packet one-way delay: 209.259 ms
Loss rate: 6.63%
-- Flow 2:
Average throughput: 248.32 Mbit/s
95th percentile per-packet one-way delay: 138.661 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 63.67 Mbit/s
95th percentile per-packet one-way delay: 20.683 ms
Loss rate: 0.17%
```

Run 2: Report of PCC-Expr — Data Link

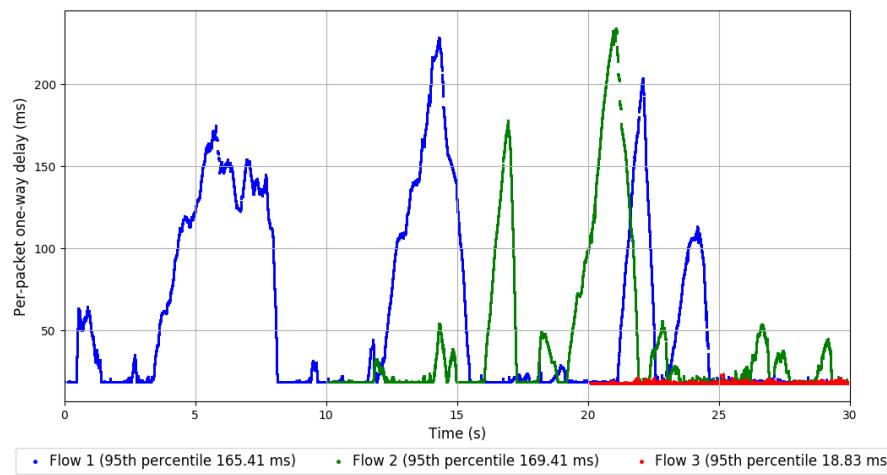
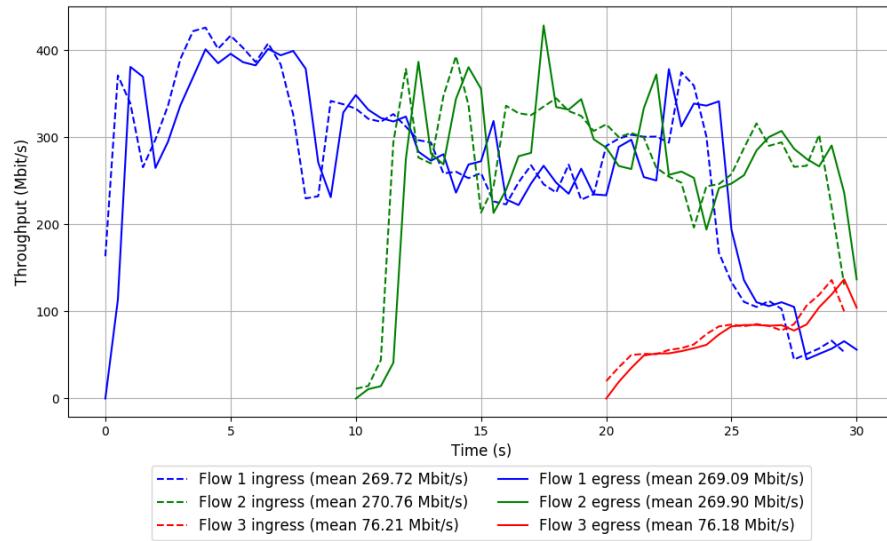


Run 3: Statistics of PCC-Expr

```
Start at: 2018-08-22 03:29:31
End at: 2018-08-22 03:30:01
Local clock offset: 0.848 ms
Remote clock offset: 4.944 ms

# Below is generated by plot.py at 2018-08-22 08:52:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 473.75 Mbit/s
95th percentile per-packet one-way delay: 165.611 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 269.09 Mbit/s
95th percentile per-packet one-way delay: 165.407 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 269.90 Mbit/s
95th percentile per-packet one-way delay: 169.407 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 76.18 Mbit/s
95th percentile per-packet one-way delay: 18.833 ms
Loss rate: 0.04%
```

Run 3: Report of PCC-Expr — Data Link

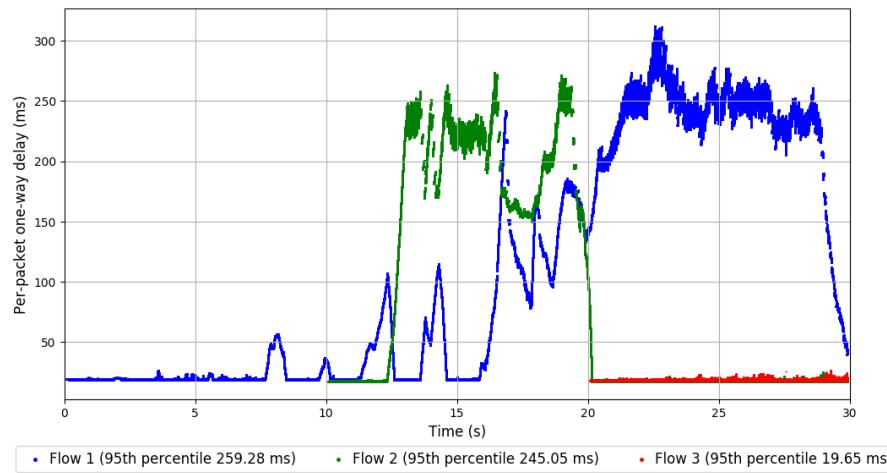
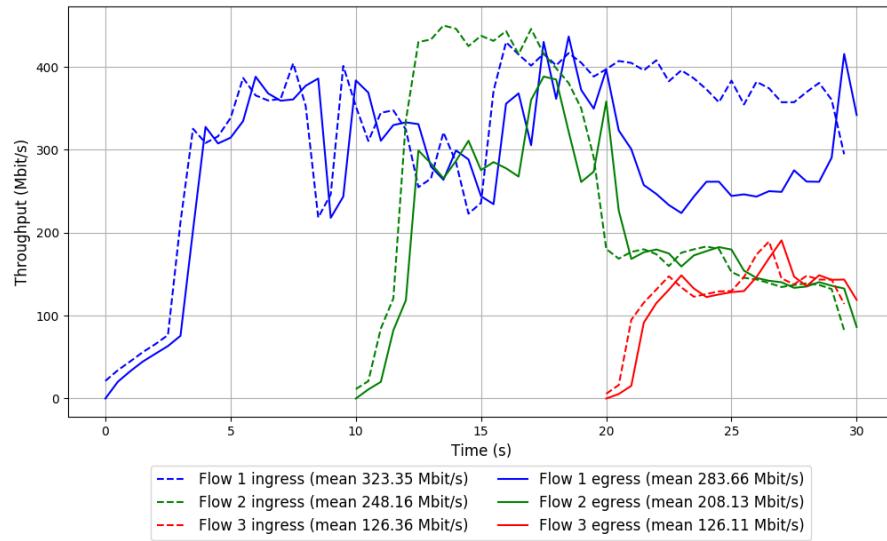


Run 4: Statistics of PCC-Expr

```
Start at: 2018-08-22 03:56:49
End at: 2018-08-22 03:57:19
Local clock offset: -2.722 ms
Remote clock offset: 3.994 ms

# Below is generated by plot.py at 2018-08-22 08:52:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 463.76 Mbit/s
95th percentile per-packet one-way delay: 254.312 ms
Loss rate: 12.53%
-- Flow 1:
Average throughput: 283.66 Mbit/s
95th percentile per-packet one-way delay: 259.284 ms
Loss rate: 12.28%
-- Flow 2:
Average throughput: 208.13 Mbit/s
95th percentile per-packet one-way delay: 245.051 ms
Loss rate: 16.13%
-- Flow 3:
Average throughput: 126.11 Mbit/s
95th percentile per-packet one-way delay: 19.652 ms
Loss rate: 0.20%
```

Run 4: Report of PCC-Expr — Data Link

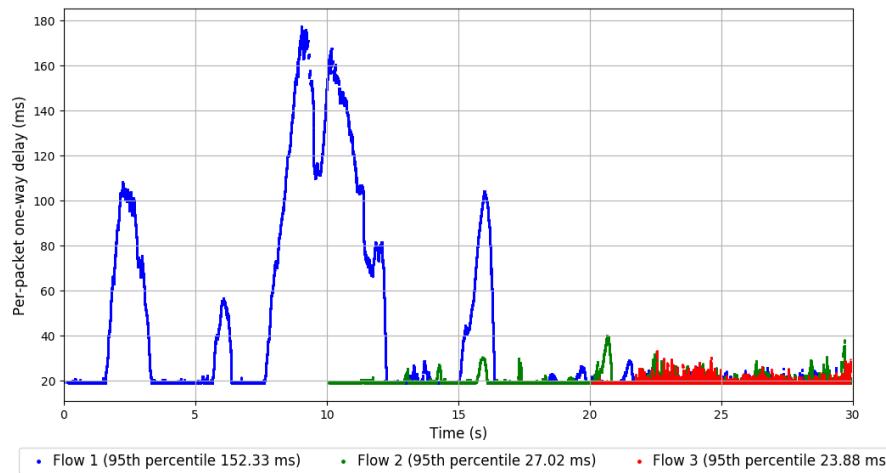
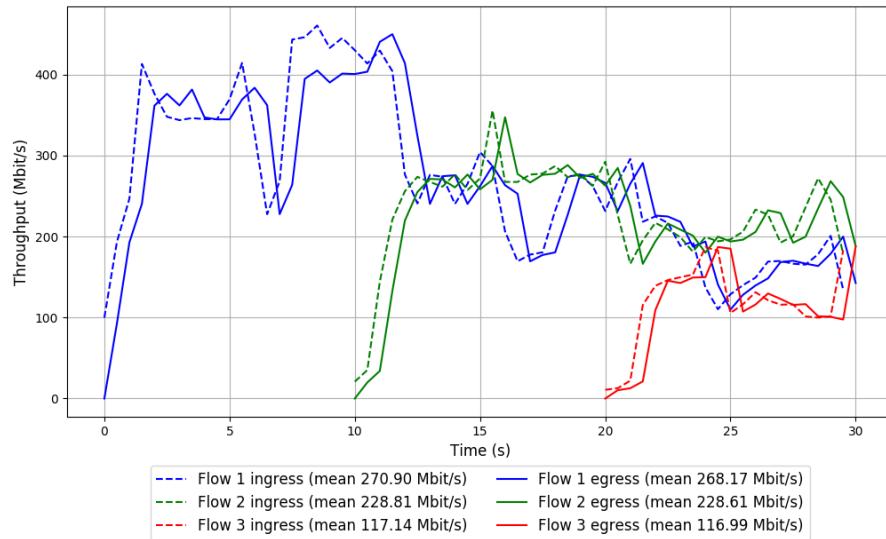


Run 5: Statistics of PCC-Expr

```
Start at: 2018-08-22 04:24:08
End at: 2018-08-22 04:24:38
Local clock offset: -2.968 ms
Remote clock offset: 3.348 ms

# Below is generated by plot.py at 2018-08-22 08:52:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 458.82 Mbit/s
95th percentile per-packet one-way delay: 135.219 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 268.17 Mbit/s
95th percentile per-packet one-way delay: 152.327 ms
Loss rate: 1.01%
-- Flow 2:
Average throughput: 228.61 Mbit/s
95th percentile per-packet one-way delay: 27.023 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 116.99 Mbit/s
95th percentile per-packet one-way delay: 23.882 ms
Loss rate: 0.12%
```

Run 5: Report of PCC-Expr — Data Link

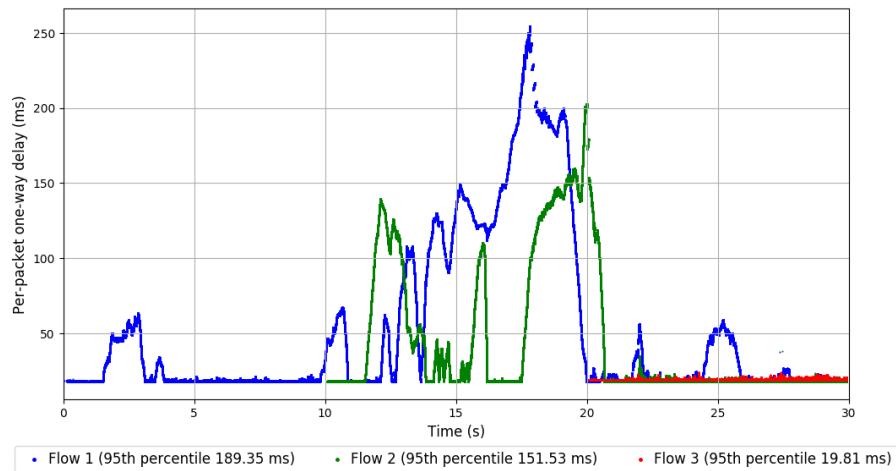
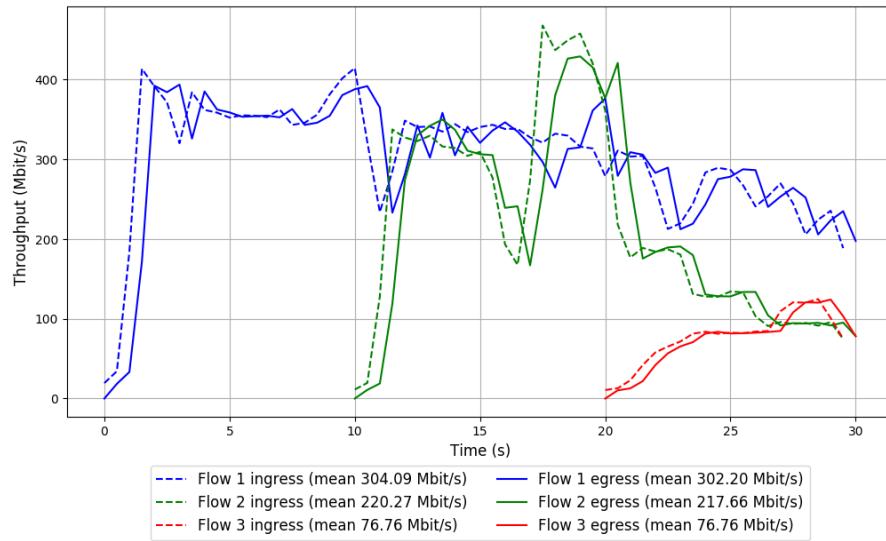


Run 6: Statistics of PCC-Expr

```
Start at: 2018-08-22 04:51:22
End at: 2018-08-22 04:51:52
Local clock offset: 0.263 ms
Remote clock offset: 0.299 ms

# Below is generated by plot.py at 2018-08-22 08:52:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 472.29 Mbit/s
95th percentile per-packet one-way delay: 176.218 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 302.20 Mbit/s
95th percentile per-packet one-way delay: 189.347 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 217.66 Mbit/s
95th percentile per-packet one-way delay: 151.529 ms
Loss rate: 1.18%
-- Flow 3:
Average throughput: 76.76 Mbit/s
95th percentile per-packet one-way delay: 19.810 ms
Loss rate: 0.00%
```

Run 6: Report of PCC-Expr — Data Link

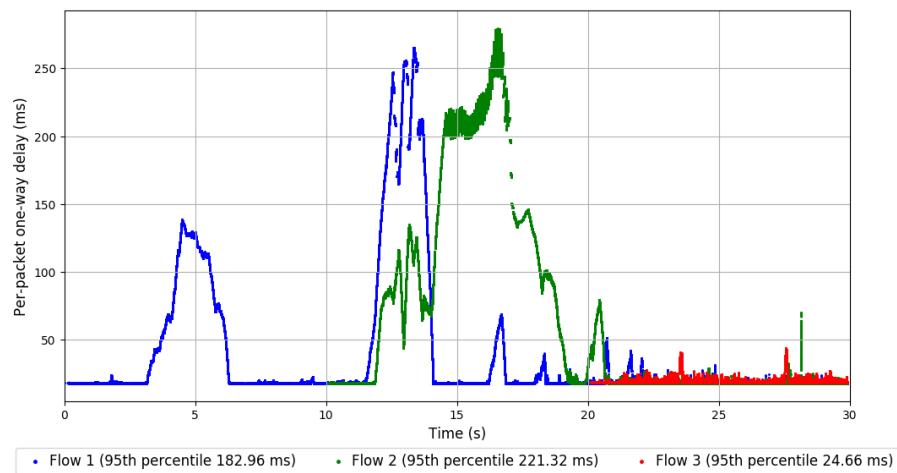
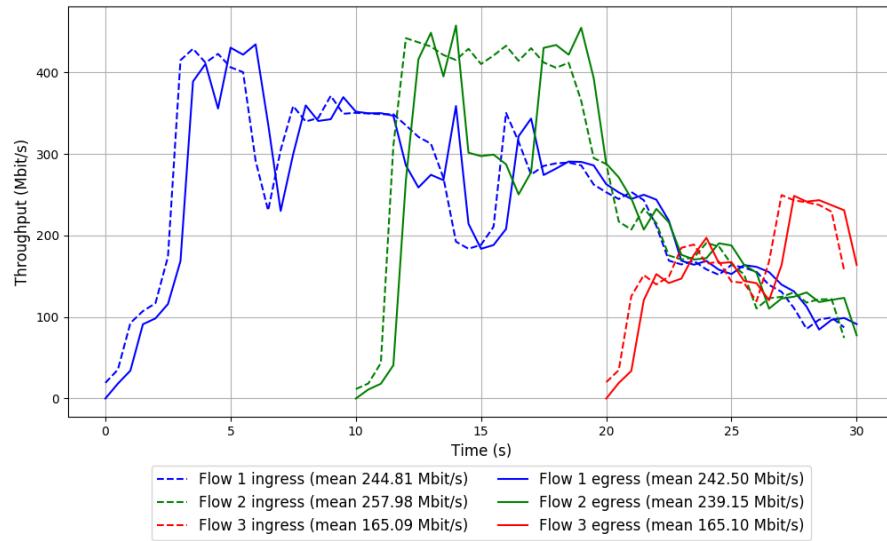


Run 7: Statistics of PCC-Expr

```
Start at: 2018-08-22 05:18:41
End at: 2018-08-22 05:19:11
Local clock offset: 0.913 ms
Remote clock offset: -2.161 ms

# Below is generated by plot.py at 2018-08-22 08:58:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 456.04 Mbit/s
95th percentile per-packet one-way delay: 210.631 ms
Loss rate: 3.15%
-- Flow 1:
Average throughput: 242.50 Mbit/s
95th percentile per-packet one-way delay: 182.961 ms
Loss rate: 0.95%
-- Flow 2:
Average throughput: 239.15 Mbit/s
95th percentile per-packet one-way delay: 221.321 ms
Loss rate: 7.30%
-- Flow 3:
Average throughput: 165.10 Mbit/s
95th percentile per-packet one-way delay: 24.659 ms
Loss rate: 0.01%
```

Run 7: Report of PCC-Expr — Data Link

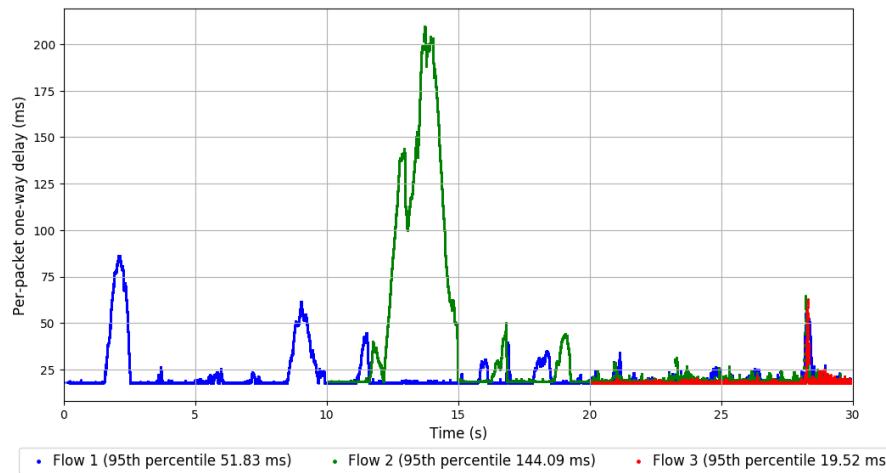
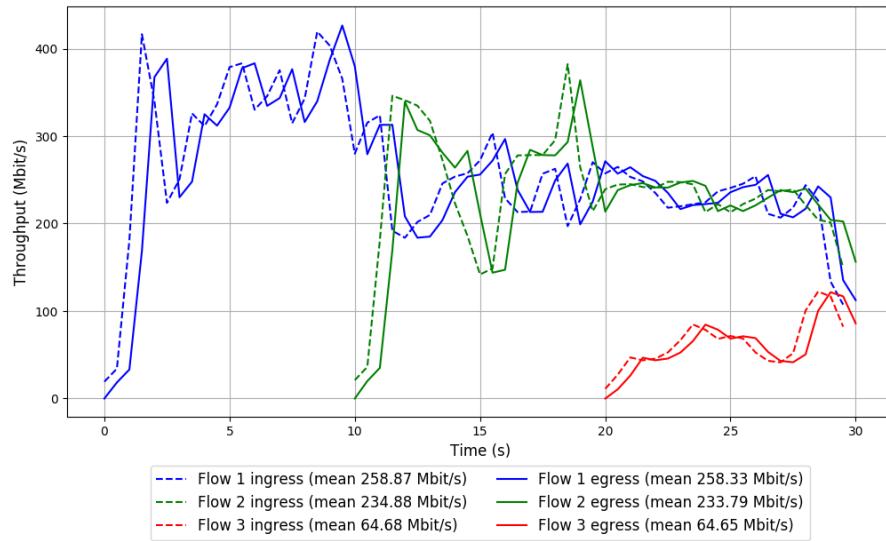


Run 8: Statistics of PCC-Expr

```
Start at: 2018-08-22 05:45:51
End at: 2018-08-22 05:46:21
Local clock offset: -1.293 ms
Remote clock offset: -3.73 ms

# Below is generated by plot.py at 2018-08-22 08:59:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 435.14 Mbit/s
95th percentile per-packet one-way delay: 79.905 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 258.33 Mbit/s
95th percentile per-packet one-way delay: 51.829 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 233.79 Mbit/s
95th percentile per-packet one-way delay: 144.092 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 64.65 Mbit/s
95th percentile per-packet one-way delay: 19.515 ms
Loss rate: 0.04%
```

Run 8: Report of PCC-Expr — Data Link

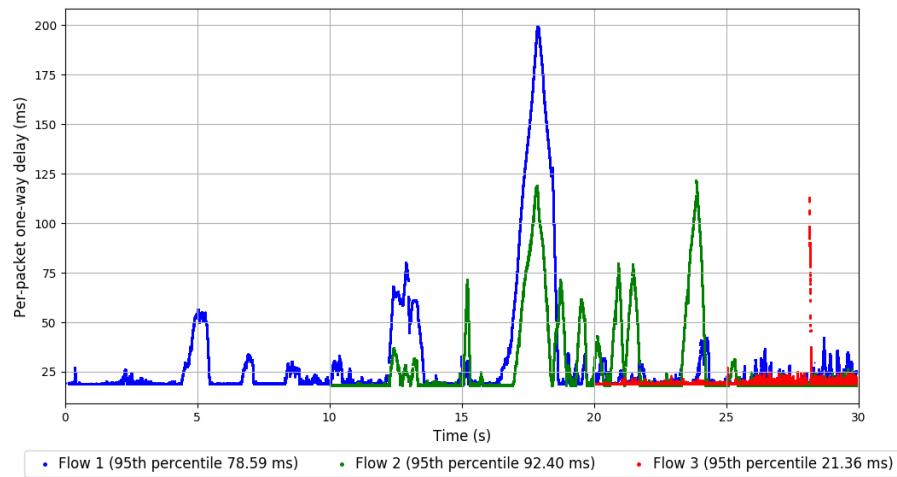
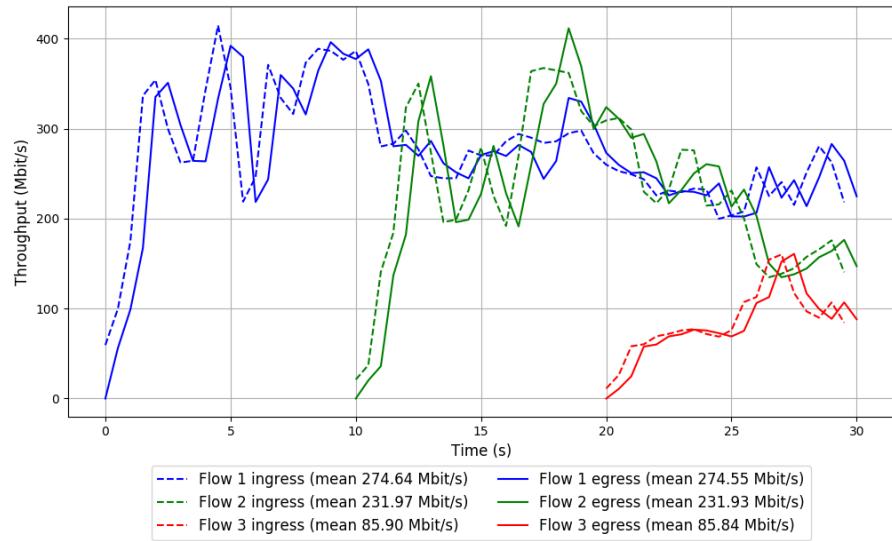


Run 9: Statistics of PCC-Expr

```
Start at: 2018-08-22 06:12:53
End at: 2018-08-22 06:13:23
Local clock offset: -1.192 ms
Remote clock offset: 3.81 ms

# Below is generated by plot.py at 2018-08-22 09:01:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 457.19 Mbit/s
95th percentile per-packet one-way delay: 86.638 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 274.55 Mbit/s
95th percentile per-packet one-way delay: 78.586 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 231.93 Mbit/s
95th percentile per-packet one-way delay: 92.399 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 85.84 Mbit/s
95th percentile per-packet one-way delay: 21.360 ms
Loss rate: 0.08%
```

Run 9: Report of PCC-Expr — Data Link

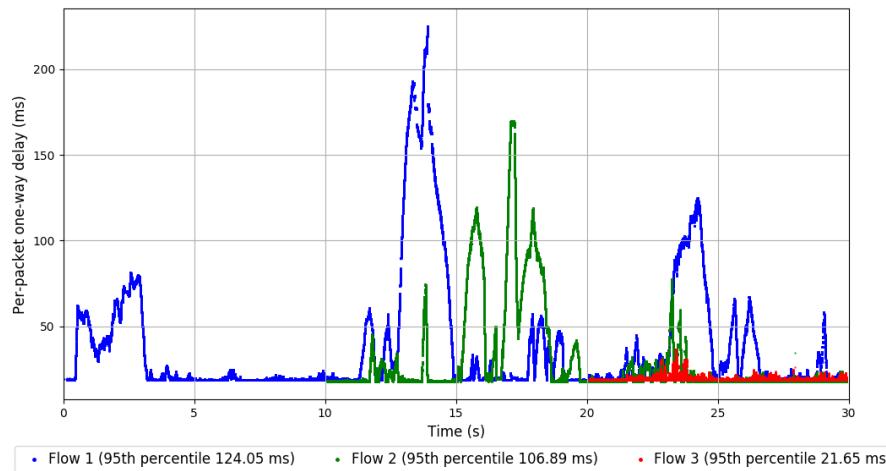
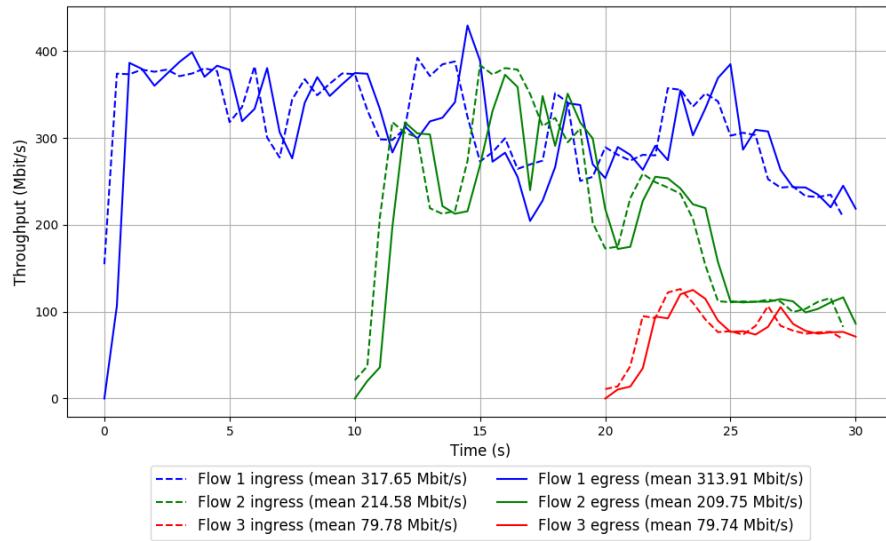


Run 10: Statistics of PCC-Expr

```
Start at: 2018-08-22 06:39:39
End at: 2018-08-22 06:40:09
Local clock offset: 1.137 ms
Remote clock offset: 5.885 ms

# Below is generated by plot.py at 2018-08-22 09:01:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 479.72 Mbit/s
95th percentile per-packet one-way delay: 114.603 ms
Loss rate: 1.43%
-- Flow 1:
Average throughput: 313.91 Mbit/s
95th percentile per-packet one-way delay: 124.048 ms
Loss rate: 1.18%
-- Flow 2:
Average throughput: 209.75 Mbit/s
95th percentile per-packet one-way delay: 106.887 ms
Loss rate: 2.25%
-- Flow 3:
Average throughput: 79.74 Mbit/s
95th percentile per-packet one-way delay: 21.654 ms
Loss rate: 0.05%
```

Run 10: Report of PCC-Expr — Data Link

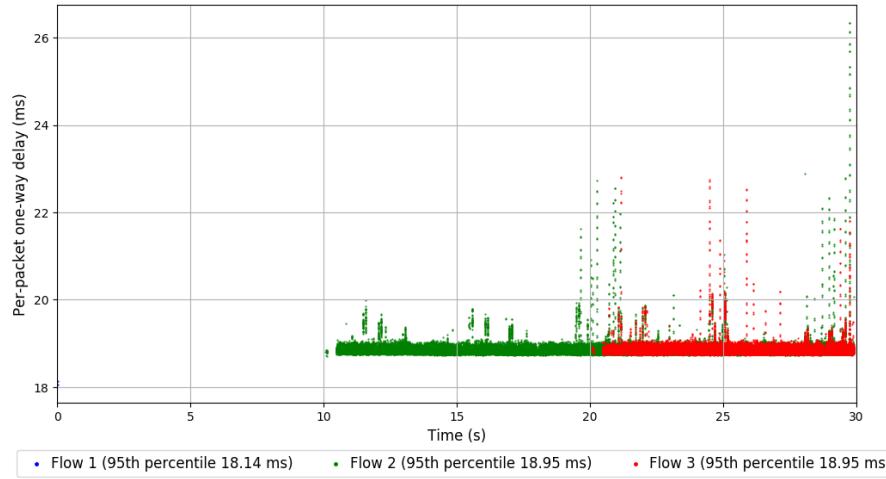
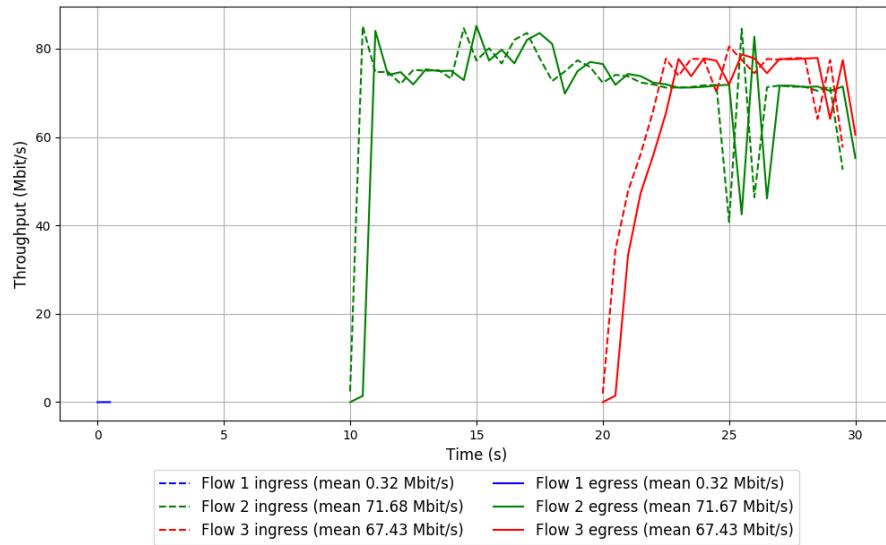


```
Run 1: Statistics of QUIC Cubic

Start at: 2018-08-22 02:44:52
End at: 2018-08-22 02:45:22
Local clock offset: 1.428 ms
Remote clock offset: 0.486 ms

# Below is generated by plot.py at 2018-08-22 09:01:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 69.77 Mbit/s
95th percentile per-packet one-way delay: 18.947 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 18.141 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 71.67 Mbit/s
95th percentile per-packet one-way delay: 18.945 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 67.43 Mbit/s
95th percentile per-packet one-way delay: 18.952 ms
Loss rate: 0.01%
```

Run 1: Report of QUIC Cubic — Data Link

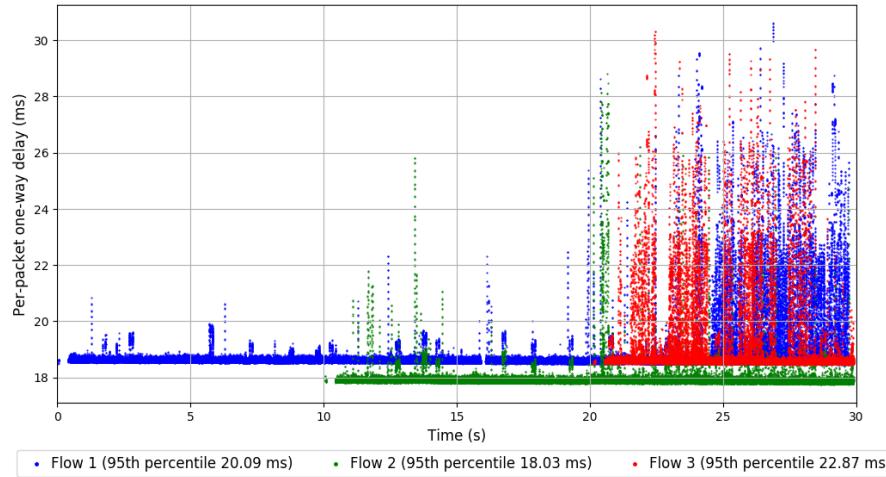
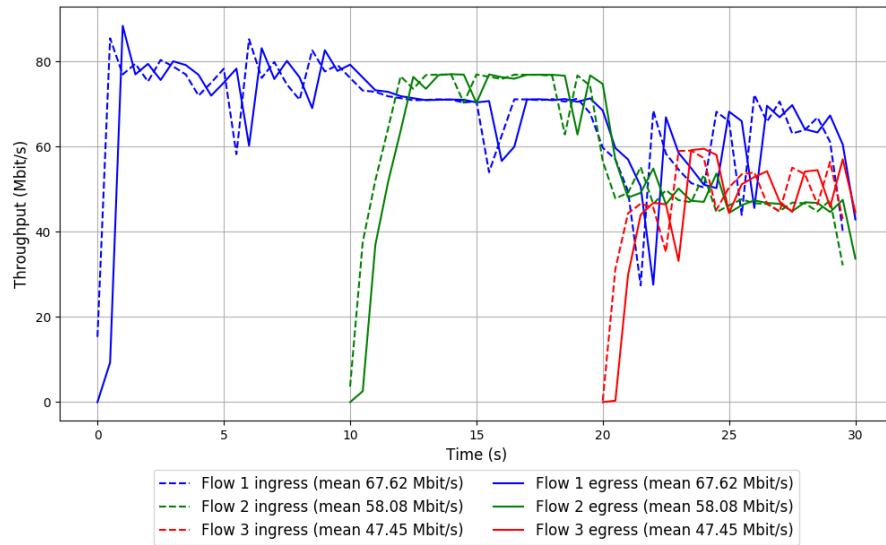


Run 2: Statistics of QUIC Cubic

```
Start at: 2018-08-22 03:12:16
End at: 2018-08-22 03:12:46
Local clock offset: 1.417 ms
Remote clock offset: 3.373 ms

# Below is generated by plot.py at 2018-08-22 09:01:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 121.76 Mbit/s
95th percentile per-packet one-way delay: 20.118 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 67.62 Mbit/s
95th percentile per-packet one-way delay: 20.087 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 58.08 Mbit/s
95th percentile per-packet one-way delay: 18.032 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 47.45 Mbit/s
95th percentile per-packet one-way delay: 22.871 ms
Loss rate: 0.00%
```

Run 2: Report of QUIC Cubic — Data Link

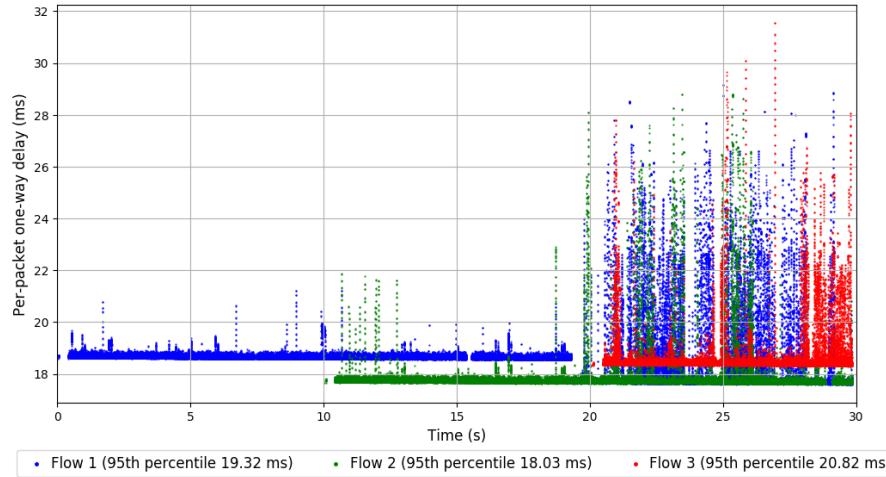
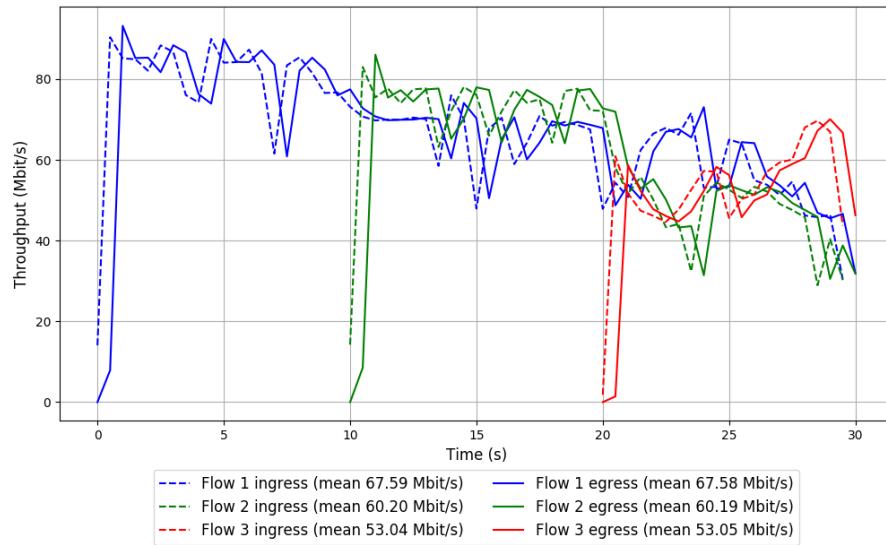


Run 3: Statistics of QUIC Cubic

```
Start at: 2018-08-22 03:39:29
End at: 2018-08-22 03:39:59
Local clock offset: 0.068 ms
Remote clock offset: 4.083 ms

# Below is generated by plot.py at 2018-08-22 09:01:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 125.01 Mbit/s
95th percentile per-packet one-way delay: 19.259 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 67.58 Mbit/s
95th percentile per-packet one-way delay: 19.320 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 60.19 Mbit/s
95th percentile per-packet one-way delay: 18.027 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 53.05 Mbit/s
95th percentile per-packet one-way delay: 20.822 ms
Loss rate: 0.01%
```

Run 3: Report of QUIC Cubic — Data Link

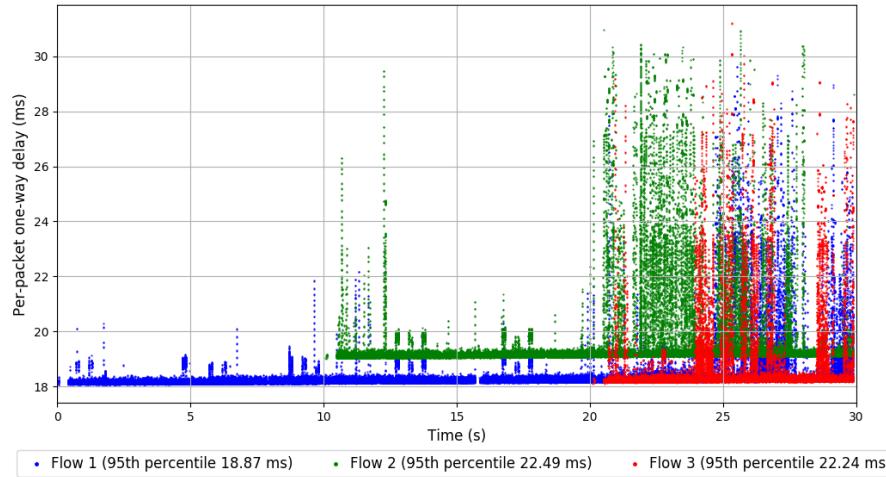
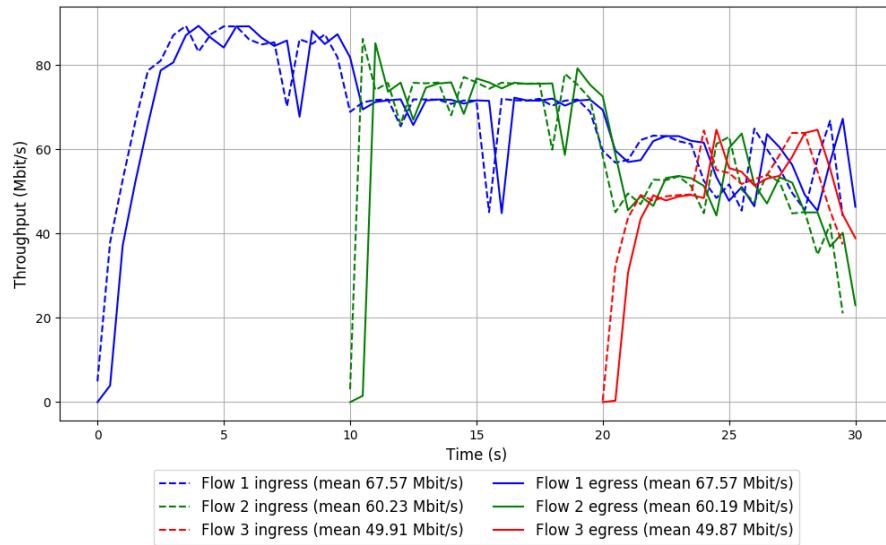


Run 4: Statistics of QUIC Cubic

```
Start at: 2018-08-22 04:06:56
End at: 2018-08-22 04:07:26
Local clock offset: -3.44 ms
Remote clock offset: 4.26 ms

# Below is generated by plot.py at 2018-08-22 09:01:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 123.85 Mbit/s
95th percentile per-packet one-way delay: 20.621 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 67.57 Mbit/s
95th percentile per-packet one-way delay: 18.869 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 60.19 Mbit/s
95th percentile per-packet one-way delay: 22.492 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 49.87 Mbit/s
95th percentile per-packet one-way delay: 22.240 ms
Loss rate: 0.06%
```

Run 4: Report of QUIC Cubic — Data Link

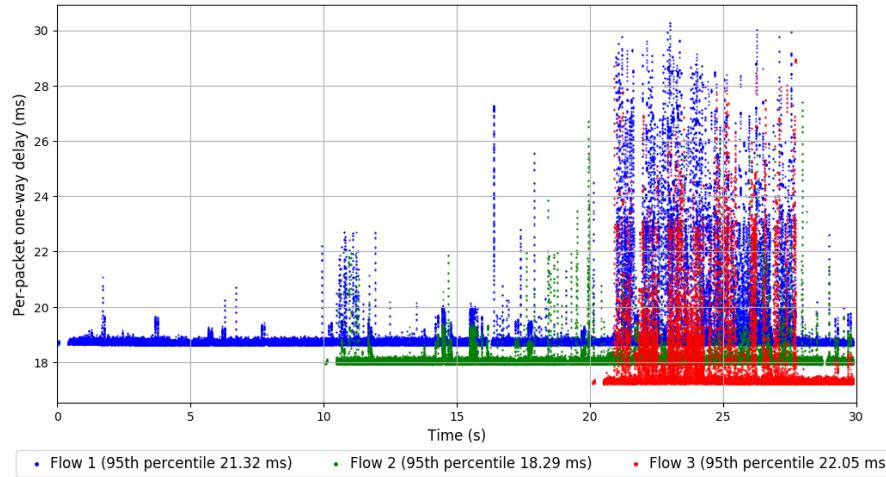
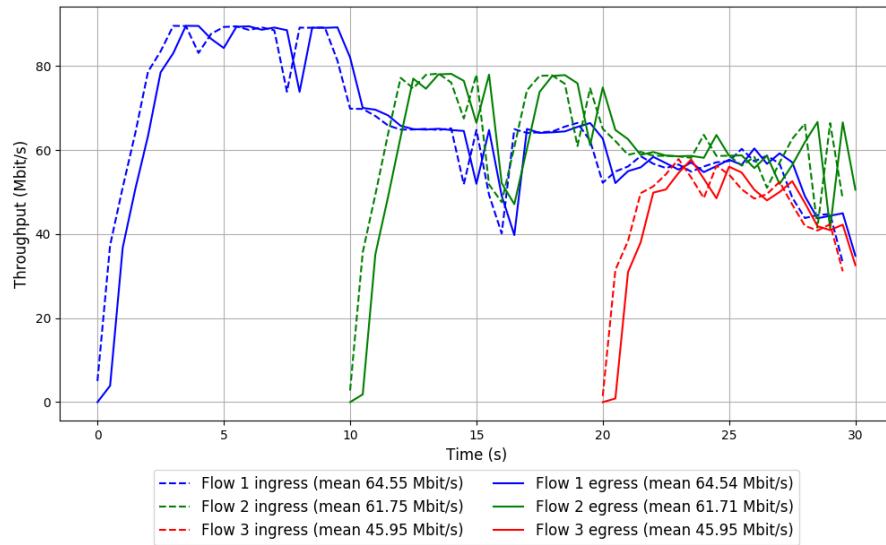


Run 5: Statistics of QUIC Cubic

```
Start at: 2018-08-22 04:34:07
End at: 2018-08-22 04:34:37
Local clock offset: -3.02 ms
Remote clock offset: 3.54 ms

# Below is generated by plot.py at 2018-08-22 09:01:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 120.60 Mbit/s
95th percentile per-packet one-way delay: 20.214 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 64.54 Mbit/s
95th percentile per-packet one-way delay: 21.318 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 61.71 Mbit/s
95th percentile per-packet one-way delay: 18.291 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 45.95 Mbit/s
95th percentile per-packet one-way delay: 22.047 ms
Loss rate: 0.00%
```

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

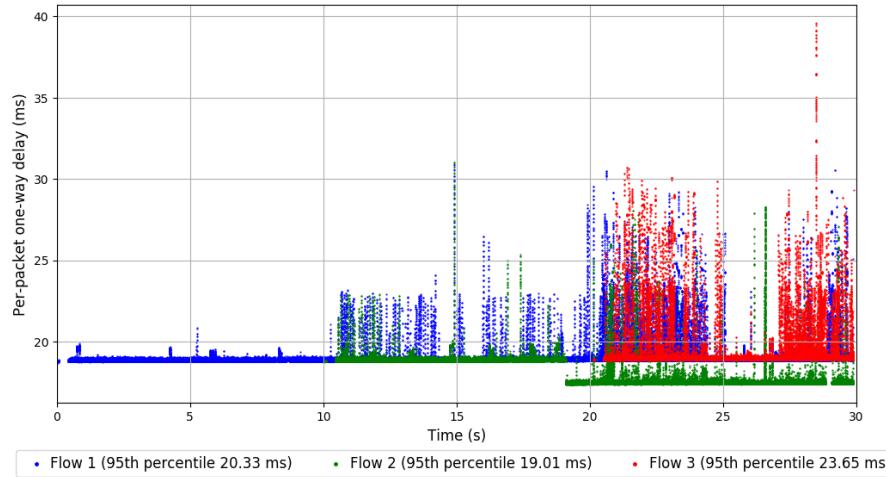
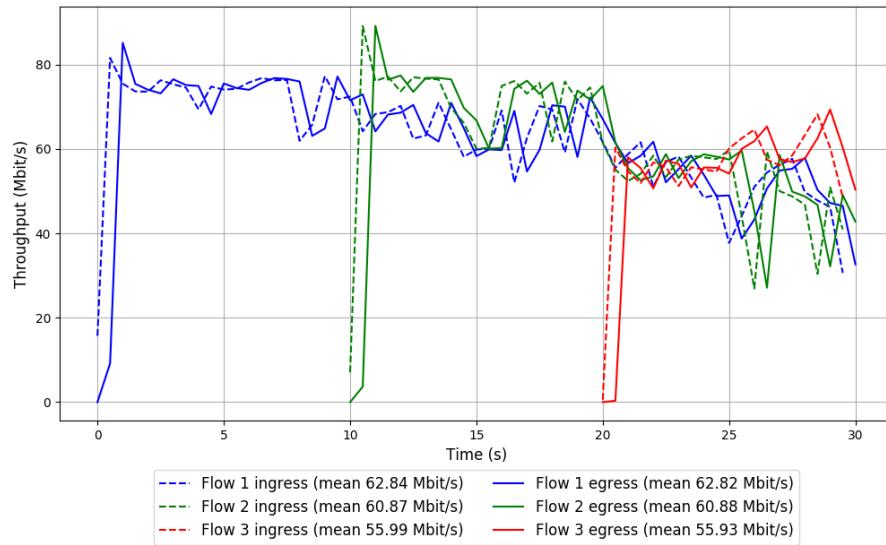


Run 6: Statistics of QUIC Cubic

```
Start at: 2018-08-22 05:01:23
End at: 2018-08-22 05:01:53
Local clock offset: 0.961 ms
Remote clock offset: -0.872 ms

# Below is generated by plot.py at 2018-08-22 09:01:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 121.59 Mbit/s
95th percentile per-packet one-way delay: 20.689 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 62.82 Mbit/s
95th percentile per-packet one-way delay: 20.333 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 60.88 Mbit/s
95th percentile per-packet one-way delay: 19.006 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 55.93 Mbit/s
95th percentile per-packet one-way delay: 23.647 ms
Loss rate: 0.00%
```

Run 6: Report of QUIC Cubic — Data Link

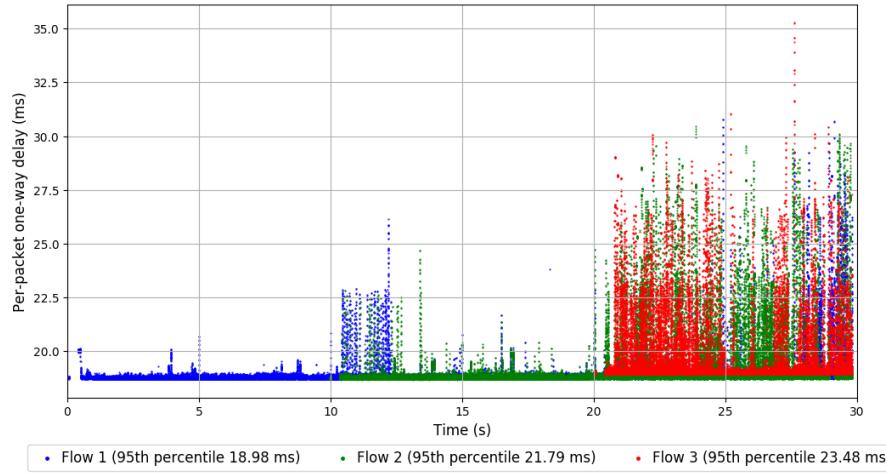
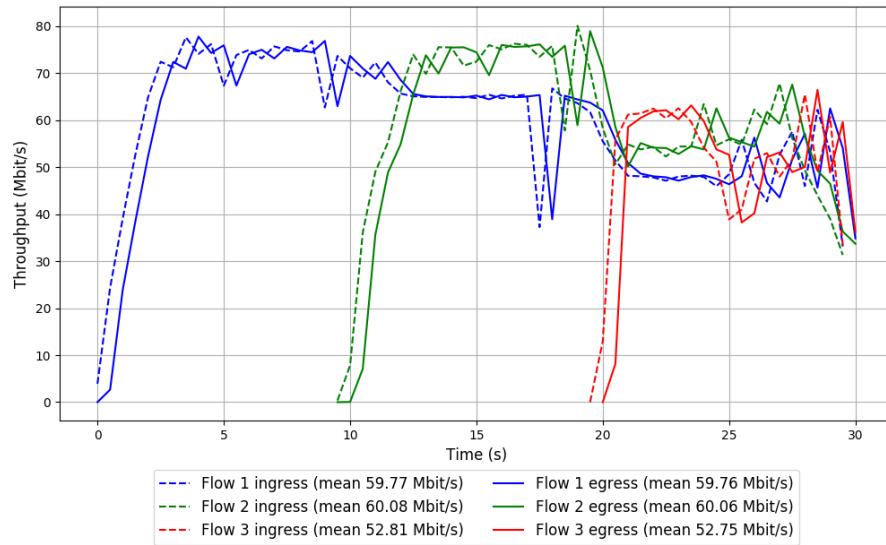


Run 7: Statistics of QUIC Cubic

```
Start at: 2018-08-22 05:28:43
End at: 2018-08-22 05:29:13
Local clock offset: 1.032 ms
Remote clock offset: -2.693 ms

# Below is generated by plot.py at 2018-08-22 09:01:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 117.12 Mbit/s
95th percentile per-packet one-way delay: 21.130 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 59.76 Mbit/s
95th percentile per-packet one-way delay: 18.979 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 60.06 Mbit/s
95th percentile per-packet one-way delay: 21.791 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 52.75 Mbit/s
95th percentile per-packet one-way delay: 23.476 ms
Loss rate: 0.01%
```

Run 7: Report of QUIC Cubic — Data Link

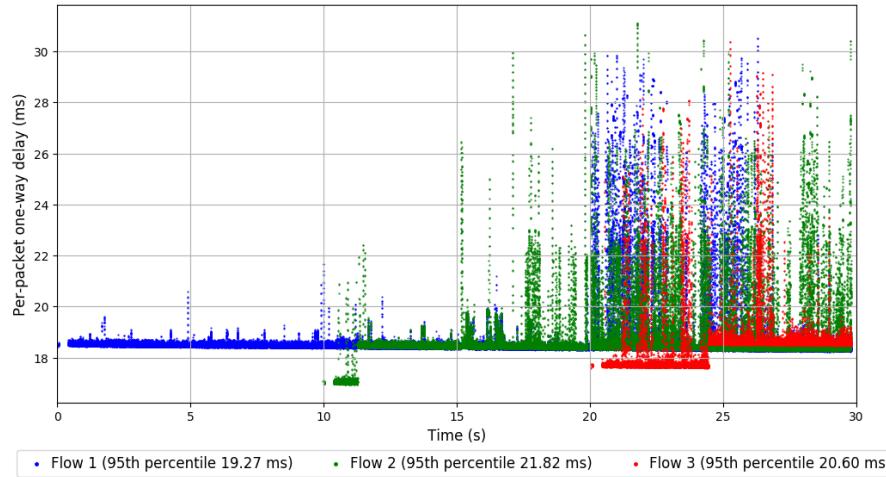
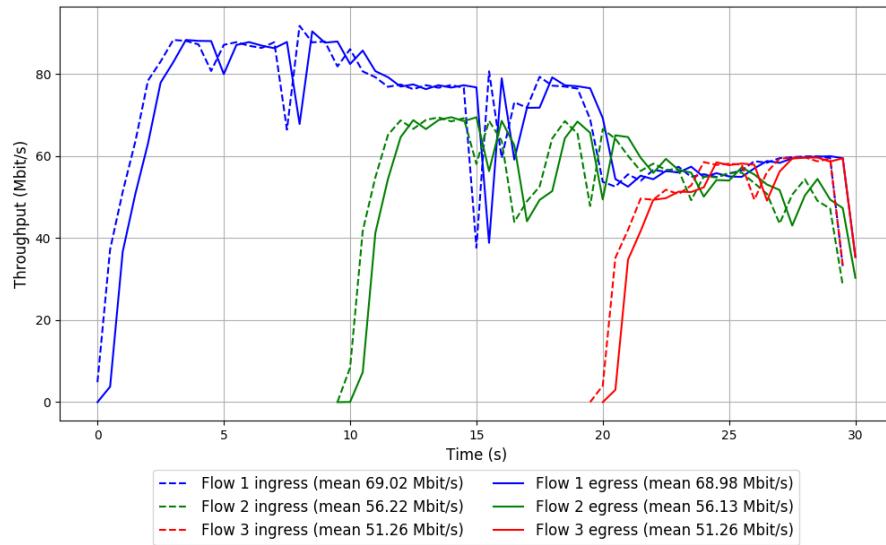


Run 8: Statistics of QUIC Cubic

```
Start at: 2018-08-22 05:55:51
End at: 2018-08-22 05:56:21
Local clock offset: -2.526 ms
Remote clock offset: 0.282 ms

# Below is generated by plot.py at 2018-08-22 09:01:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 123.19 Mbit/s
95th percentile per-packet one-way delay: 20.747 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 68.98 Mbit/s
95th percentile per-packet one-way delay: 19.267 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 56.13 Mbit/s
95th percentile per-packet one-way delay: 21.818 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 51.26 Mbit/s
95th percentile per-packet one-way delay: 20.596 ms
Loss rate: 0.00%
```

Run 8: Report of QUIC Cubic — Data Link

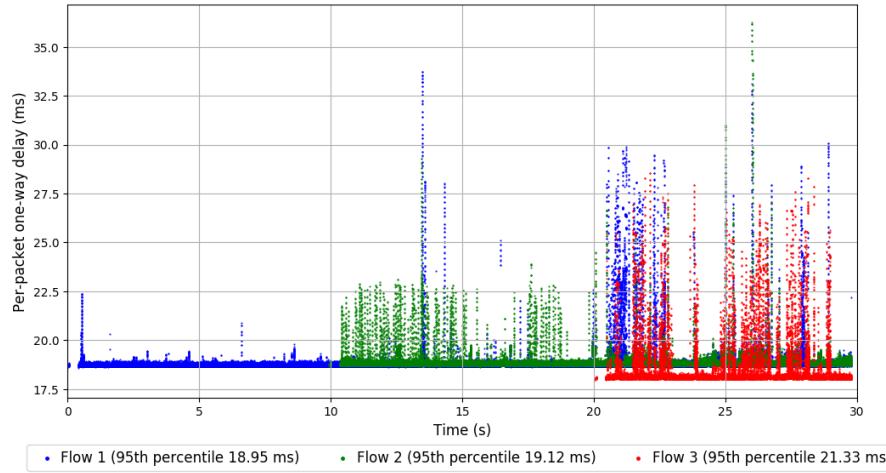
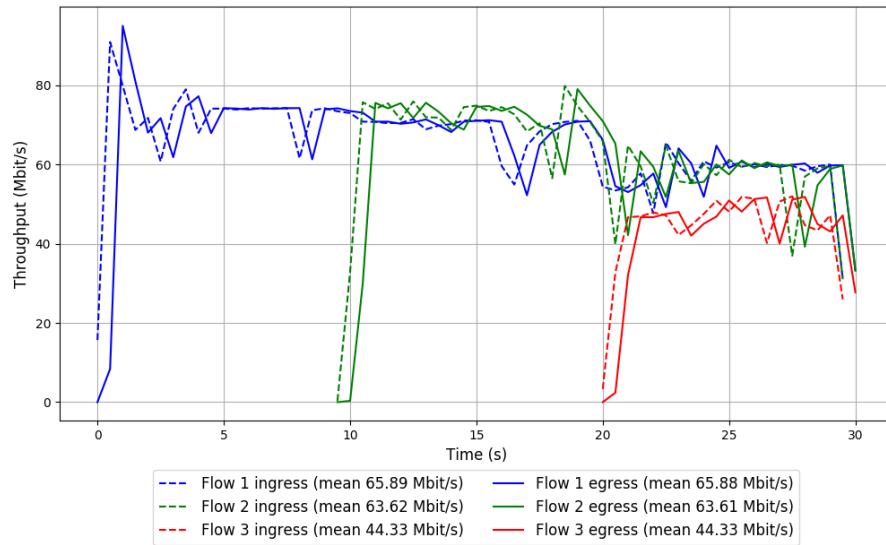


Run 9: Statistics of QUIC Cubic

```
Start at: 2018-08-22 06:22:51
End at: 2018-08-22 06:23:21
Local clock offset: 0.399 ms
Remote clock offset: 4.746 ms

# Below is generated by plot.py at 2018-08-22 09:01:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 122.85 Mbit/s
95th percentile per-packet one-way delay: 19.182 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 65.88 Mbit/s
95th percentile per-packet one-way delay: 18.951 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 63.61 Mbit/s
95th percentile per-packet one-way delay: 19.122 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 44.33 Mbit/s
95th percentile per-packet one-way delay: 21.334 ms
Loss rate: 0.00%
```

Run 9: Report of QUIC Cubic — Data Link

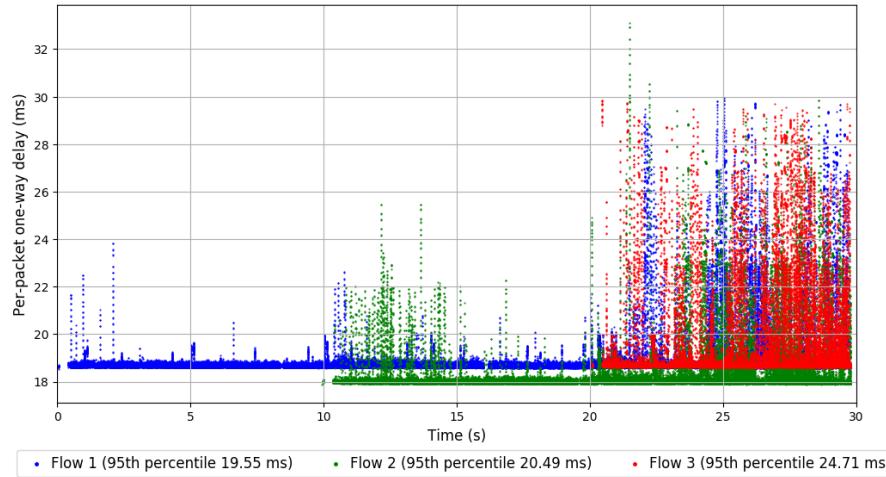
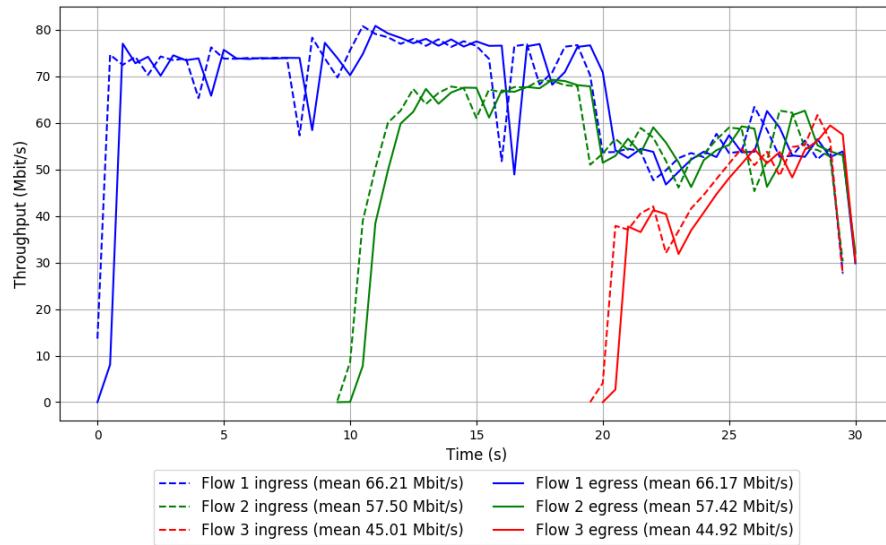


```
Run 10: Statistics of QUIC Cubic
```

```
Start at: 2018-08-22 06:49:38
End at: 2018-08-22 06:50:08
Local clock offset: 0.808 ms
Remote clock offset: 6.557 ms

# Below is generated by plot.py at 2018-08-22 09:01:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 119.17 Mbit/s
95th percentile per-packet one-way delay: 21.065 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 66.17 Mbit/s
95th percentile per-packet one-way delay: 19.553 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 57.42 Mbit/s
95th percentile per-packet one-way delay: 20.486 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 44.92 Mbit/s
95th percentile per-packet one-way delay: 24.715 ms
Loss rate: 0.20%
```

Run 10: Report of QUIC Cubic — Data Link

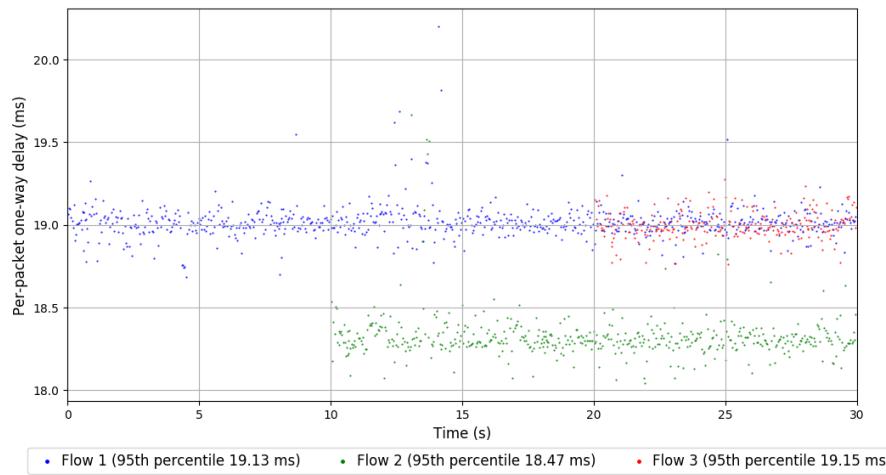
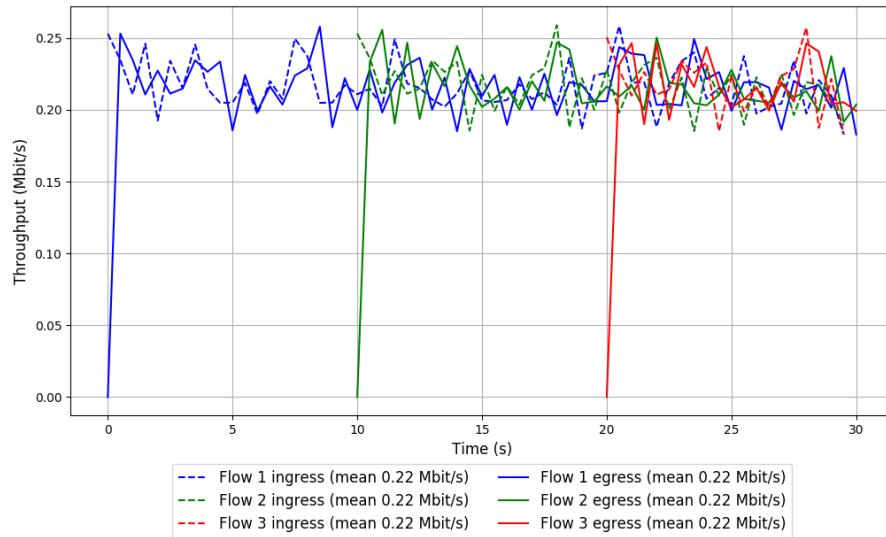


Run 1: Statistics of SCReAM

```
Start at: 2018-08-22 02:48:04
End at: 2018-08-22 02:48:34
Local clock offset: 1.484 ms
Remote clock offset: 0.47 ms

# Below is generated by plot.py at 2018-08-22 09:01:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 19.117 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.128 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 18.470 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.153 ms
Loss rate: 0.00%
```

## Run 1: Report of SCReAM — Data Link

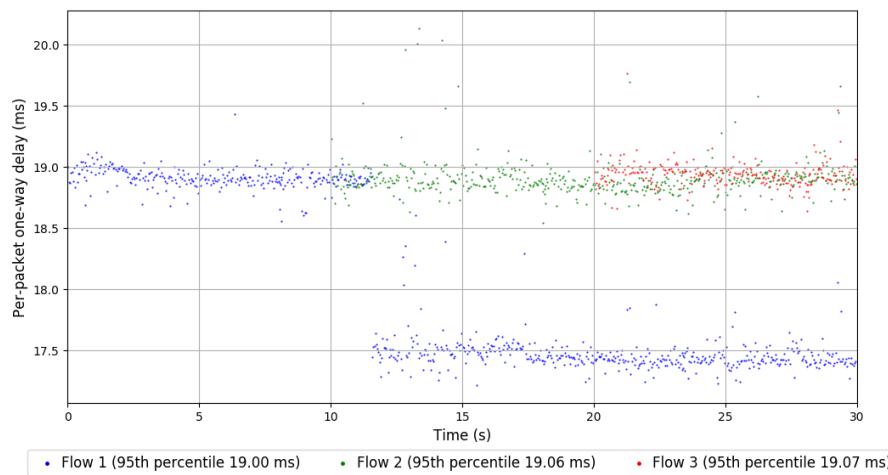
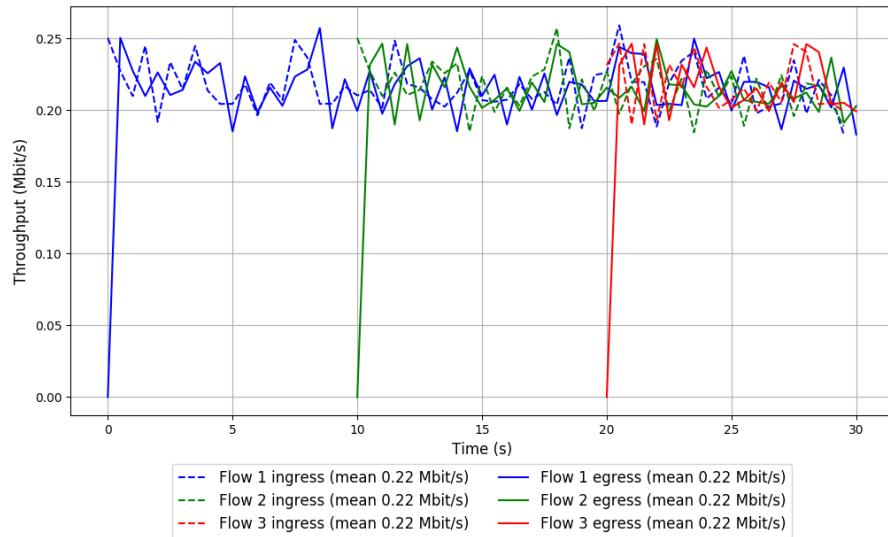


Run 2: Statistics of SCReAM

```
Start at: 2018-08-22 03:15:29
End at: 2018-08-22 03:15:59
Local clock offset: 1.205 ms
Remote clock offset: 3.739 ms

# Below is generated by plot.py at 2018-08-22 09:01:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 19.029 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 18.996 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.062 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.072 ms
Loss rate: 0.00%
```

## Run 2: Report of SCReAM — Data Link

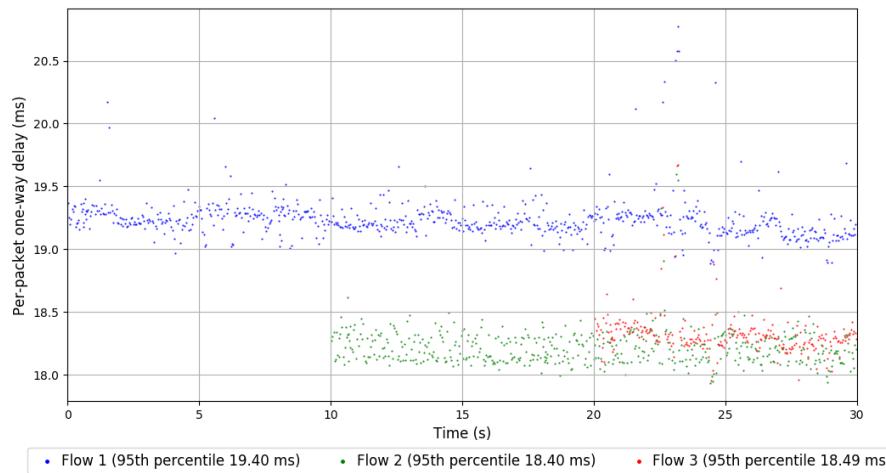
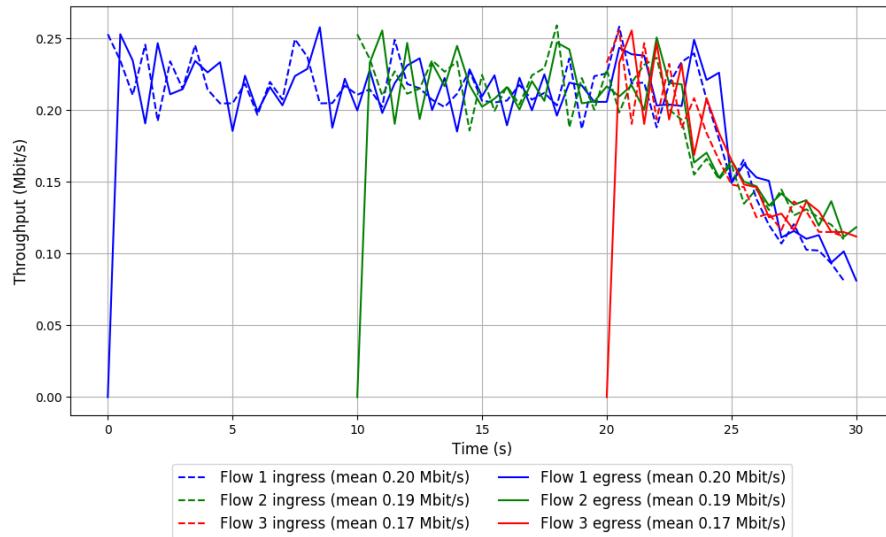


Run 3: Statistics of SCReAM

```
Start at: 2018-08-22 03:42:44
End at: 2018-08-22 03:43:14
Local clock offset: -0.928 ms
Remote clock offset: 4.025 ms

# Below is generated by plot.py at 2018-08-22 09:01:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 19.353 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 19.401 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 18.403 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 18.488 ms
Loss rate: 0.56%
```

Run 3: Report of SCReAM — Data Link

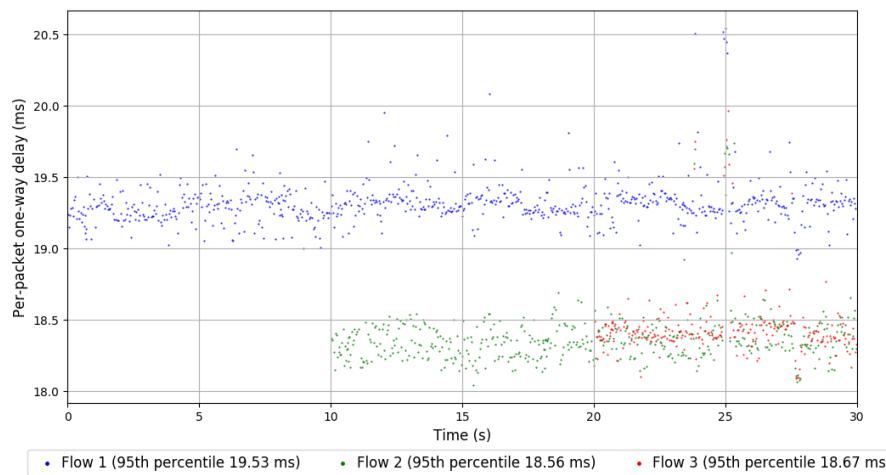
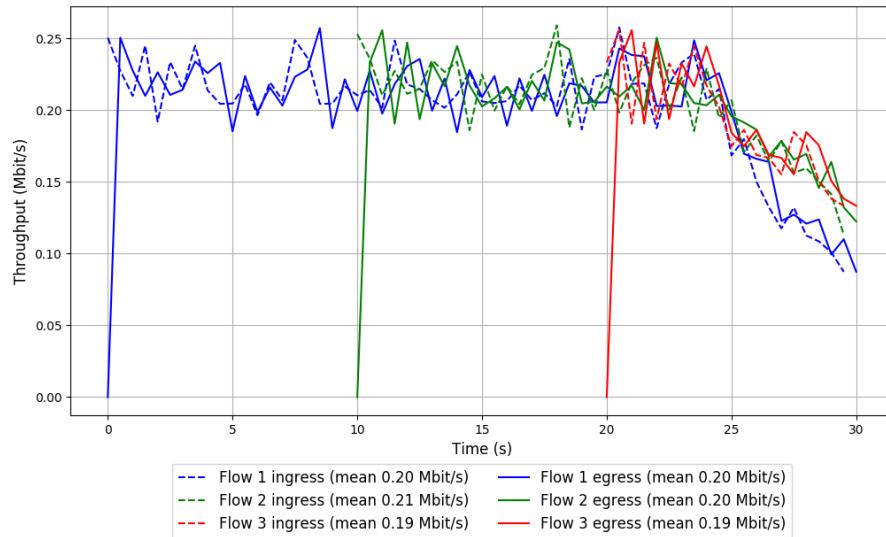


Run 4: Statistics of SCReAM

```
Start at: 2018-08-22 04:10:11
End at: 2018-08-22 04:10:41
Local clock offset: -3.146 ms
Remote clock offset: 3.841 ms

# Below is generated by plot.py at 2018-08-22 09:01:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 19.472 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 19.531 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 18.561 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 18.667 ms
Loss rate: 0.47%
```

Run 4: Report of SCReAM — Data Link

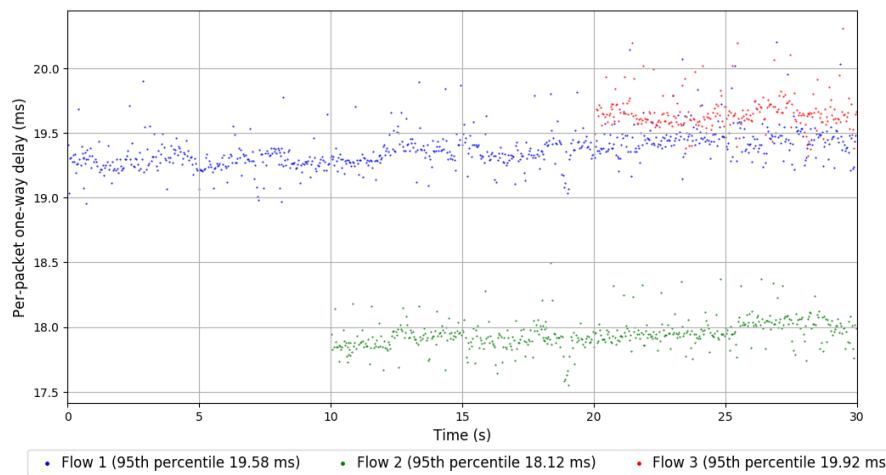
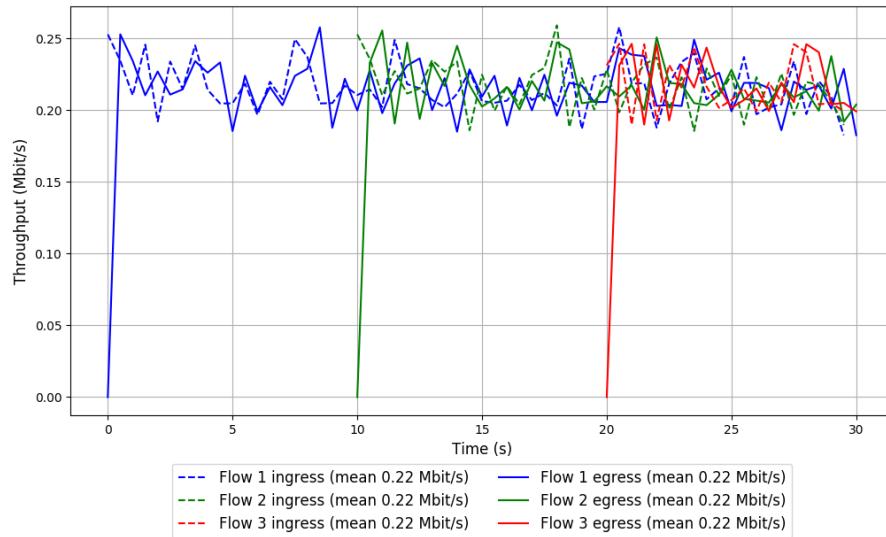


Run 5: Statistics of SCReAM

```
Start at: 2018-08-22 04:37:19
End at: 2018-08-22 04:37:49
Local clock offset: -3.084 ms
Remote clock offset: 3.552 ms

# Below is generated by plot.py at 2018-08-22 09:01:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 19.710 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.582 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 18.118 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.923 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

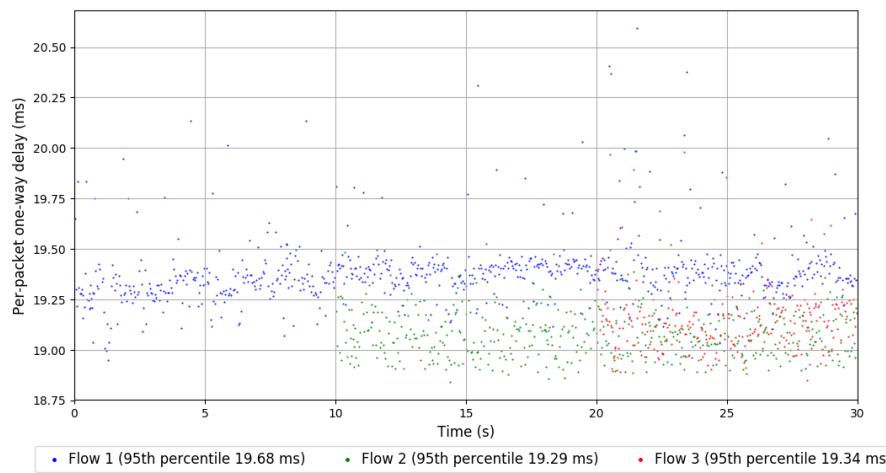
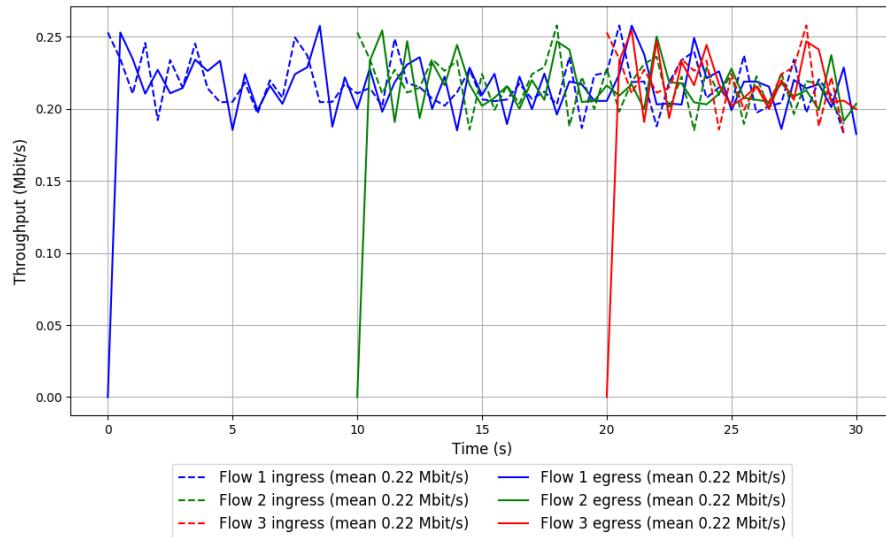


Run 6: Statistics of SCReAM

```
Start at: 2018-08-22 05:04:37
End at: 2018-08-22 05:05:07
Local clock offset: 1.212 ms
Remote clock offset: -1.136 ms

# Below is generated by plot.py at 2018-08-22 09:01:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 19.514 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.678 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.290 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.339 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link

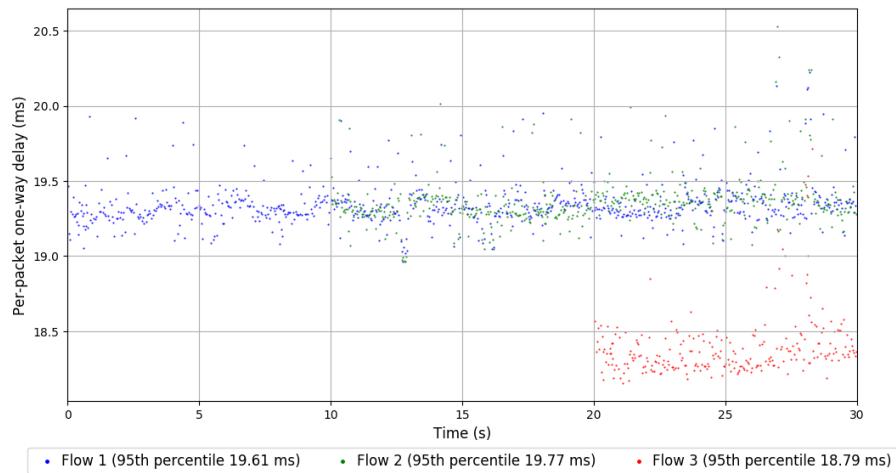
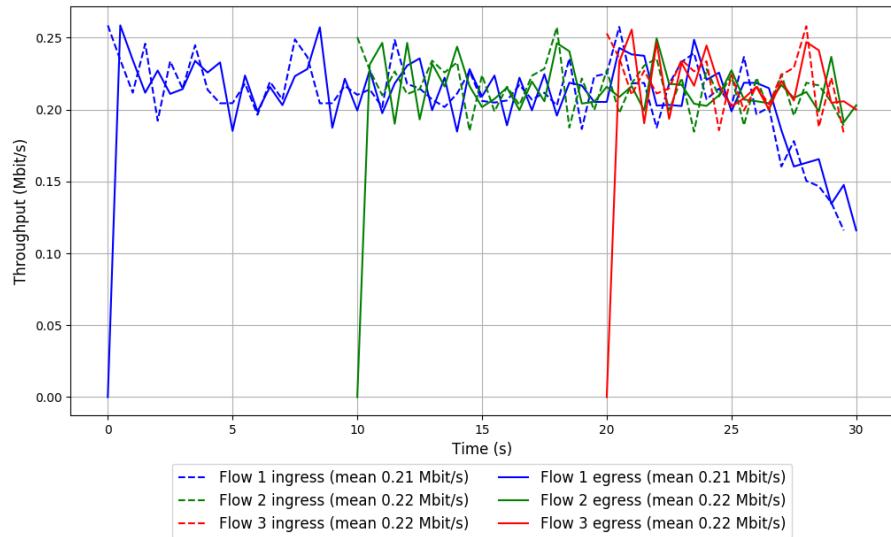


Run 7: Statistics of SCReAM

```
Start at: 2018-08-22 05:31:55
End at: 2018-08-22 05:32:25
Local clock offset: 0.959 ms
Remote clock offset: -2.966 ms

# Below is generated by plot.py at 2018-08-22 09:01:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 19.584 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 19.610 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.766 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 18.792 ms
Loss rate: 0.00%
```

Run 7: Report of SCReAM — Data Link

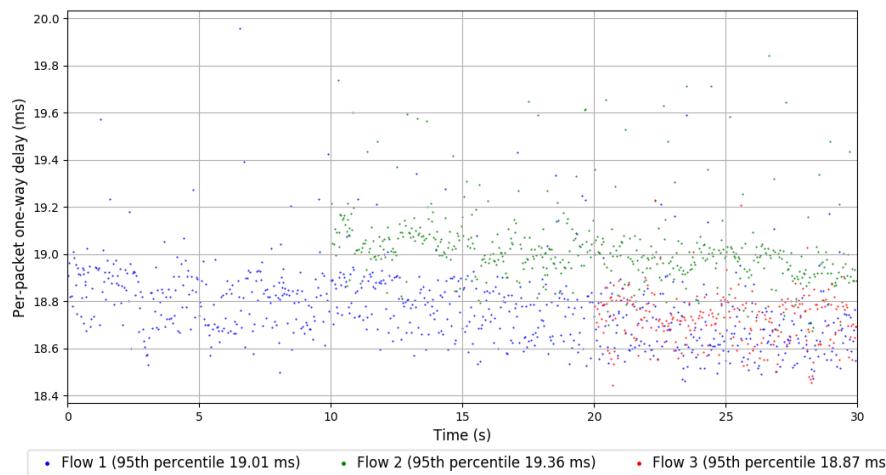
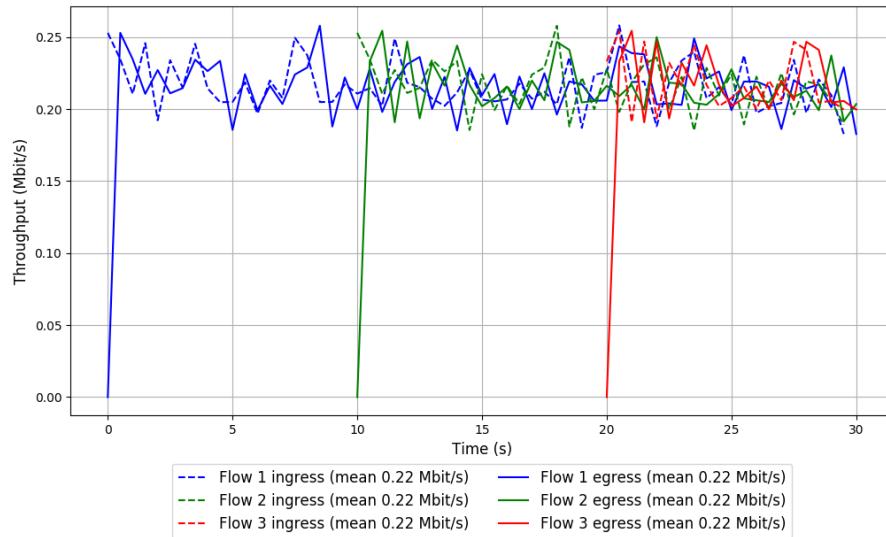


Run 8: Statistics of SCReAM

```
Start at: 2018-08-22 05:59:05
End at: 2018-08-22 05:59:35
Local clock offset: -2.745 ms
Remote clock offset: 1.397 ms

# Below is generated by plot.py at 2018-08-22 09:01:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 19.162 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.008 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.359 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 18.867 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

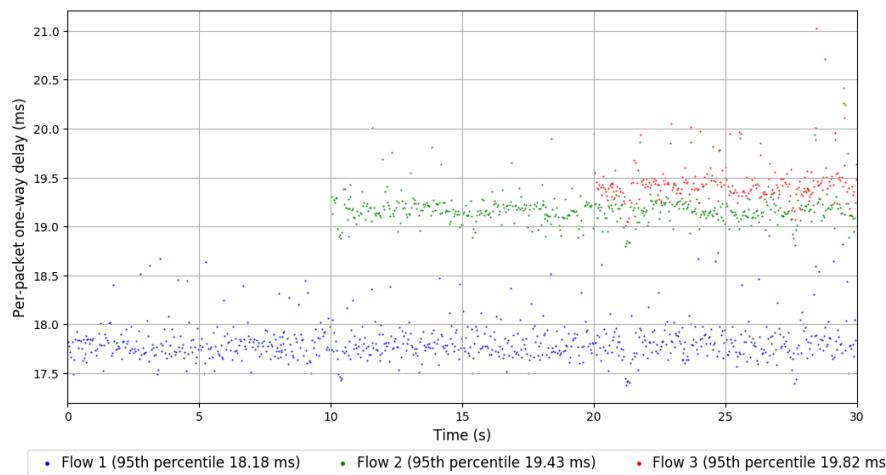
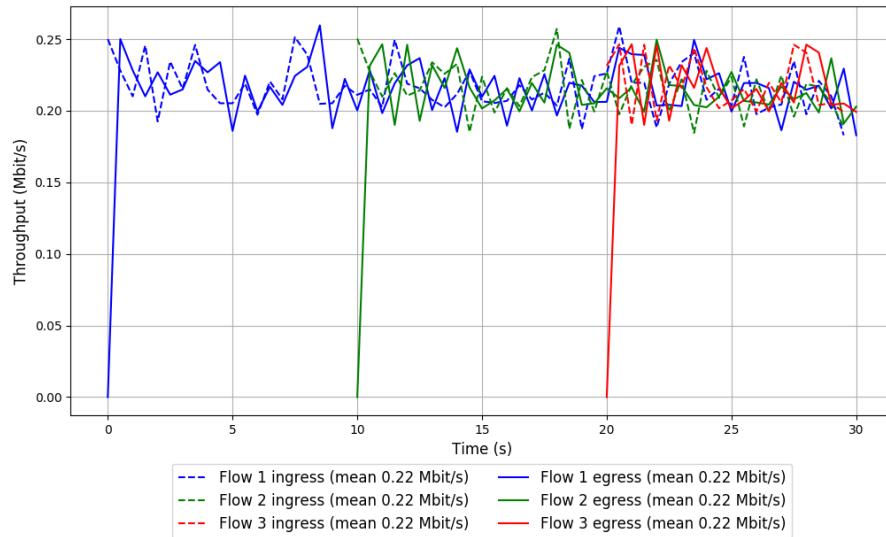


Run 9: Statistics of SCReAM

```
Start at: 2018-08-22 06:25:47
End at: 2018-08-22 06:26:17
Local clock offset: 0.584 ms
Remote clock offset: 5.021 ms

# Below is generated by plot.py at 2018-08-22 09:01:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 19.495 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 18.181 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.425 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.820 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

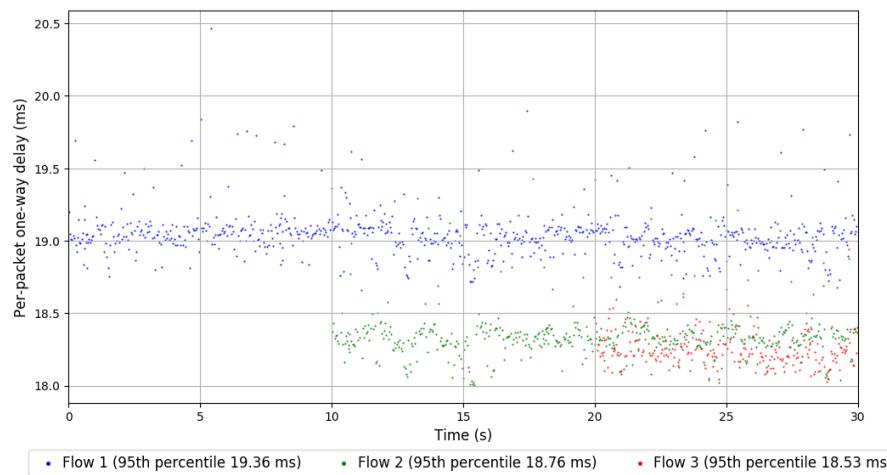
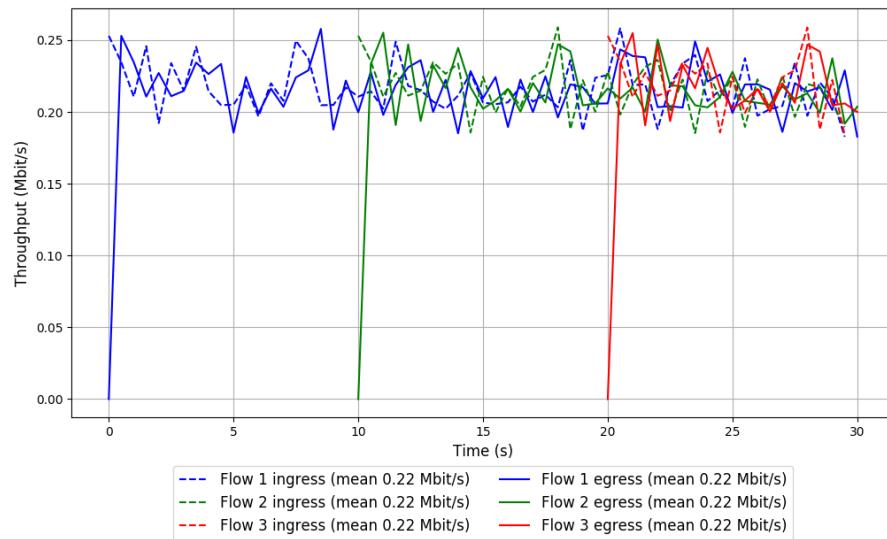


Run 10: Statistics of SCReAM

```
Start at: 2018-08-22 06:52:53
End at: 2018-08-22 06:53:23
Local clock offset: 0.773 ms
Remote clock offset: 6.799 ms

# Below is generated by plot.py at 2018-08-22 09:01:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 19.169 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.364 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 18.760 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 18.533 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

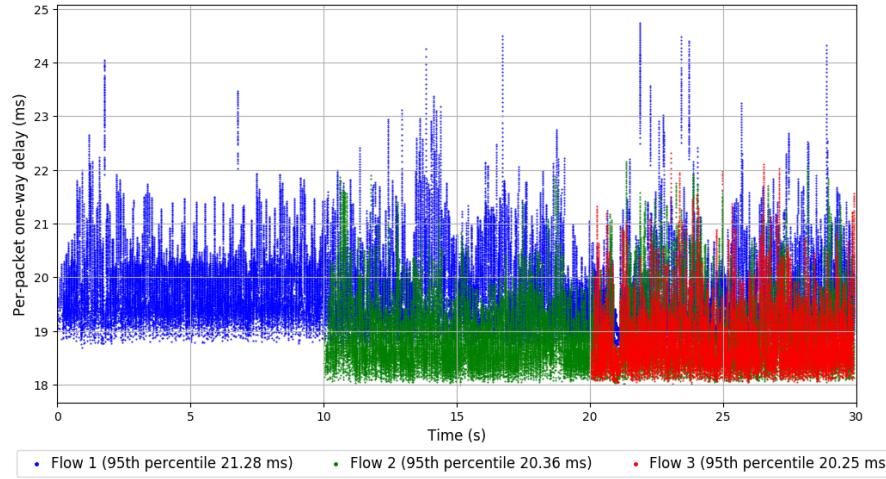
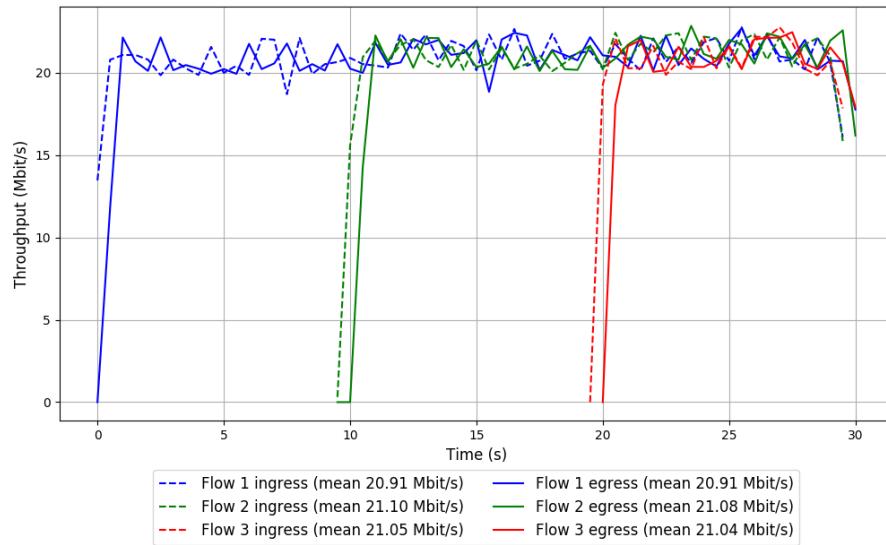


Run 1: Statistics of Sprout

```
Start at: 2018-08-22 02:28:17
End at: 2018-08-22 02:28:47
Local clock offset: 0.884 ms
Remote clock offset: -0.008 ms

# Below is generated by plot.py at 2018-08-22 09:01:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 41.90 Mbit/s
95th percentile per-packet one-way delay: 20.967 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 20.91 Mbit/s
95th percentile per-packet one-way delay: 21.279 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 21.08 Mbit/s
95th percentile per-packet one-way delay: 20.355 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 21.04 Mbit/s
95th percentile per-packet one-way delay: 20.247 ms
Loss rate: 0.00%
```

Run 1: Report of Sprout — Data Link

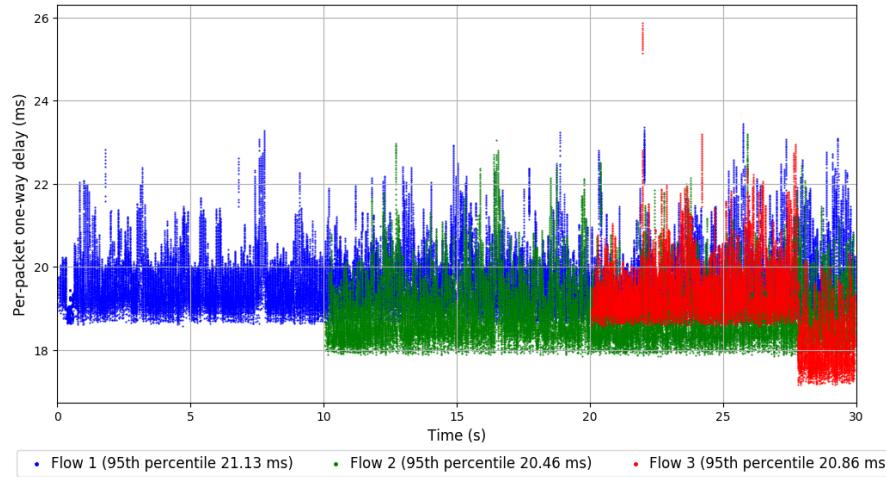
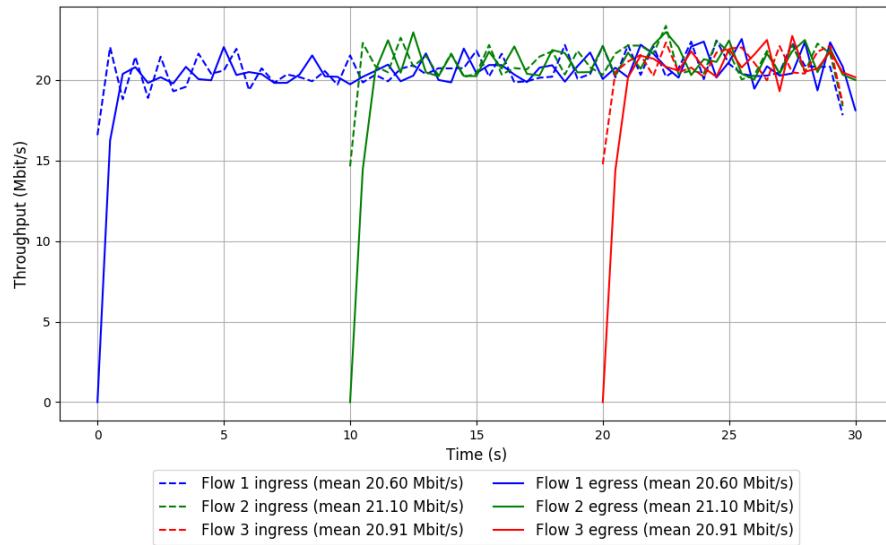


Run 2: Statistics of Sprout

```
Start at: 2018-08-22 02:55:38
End at: 2018-08-22 02:56:08
Local clock offset: 1.718 ms
Remote clock offset: 0.681 ms

# Below is generated by plot.py at 2018-08-22 09:01:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 41.53 Mbit/s
95th percentile per-packet one-way delay: 20.919 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 20.60 Mbit/s
95th percentile per-packet one-way delay: 21.128 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 21.10 Mbit/s
95th percentile per-packet one-way delay: 20.458 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 20.91 Mbit/s
95th percentile per-packet one-way delay: 20.865 ms
Loss rate: 0.03%
```

Run 2: Report of Sprout — Data Link

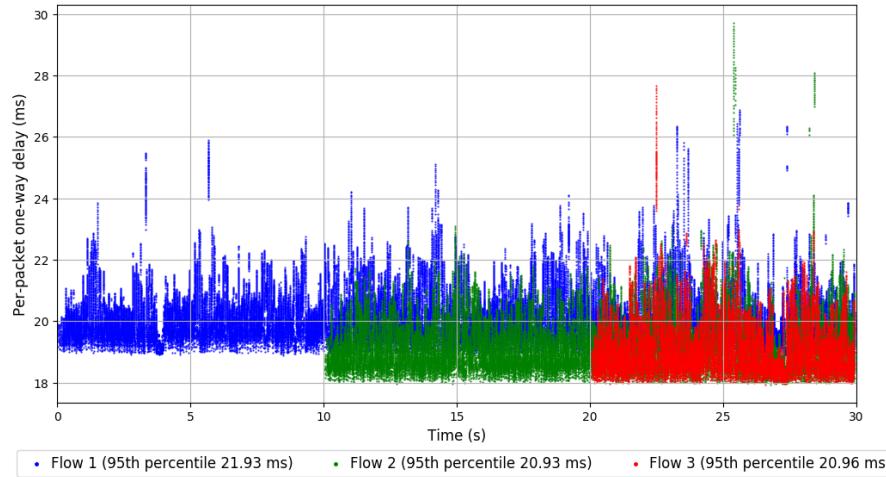
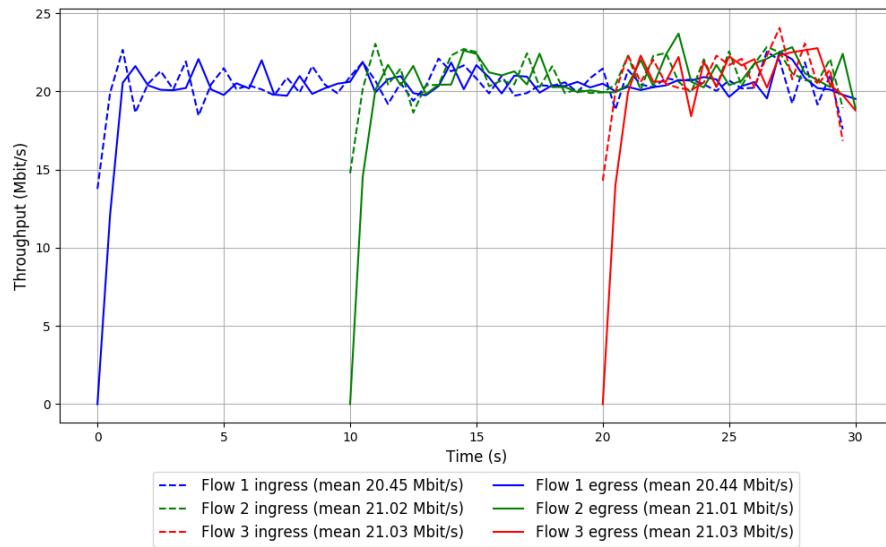


Run 3: Statistics of Sprout

```
Start at: 2018-08-22 03:23:04
End at: 2018-08-22 03:23:34
Local clock offset: 0.851 ms
Remote clock offset: 4.421 ms

# Below is generated by plot.py at 2018-08-22 09:01:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 41.36 Mbit/s
95th percentile per-packet one-way delay: 21.577 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 20.44 Mbit/s
95th percentile per-packet one-way delay: 21.933 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 21.01 Mbit/s
95th percentile per-packet one-way delay: 20.929 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 21.03 Mbit/s
95th percentile per-packet one-way delay: 20.964 ms
Loss rate: 0.01%
```

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

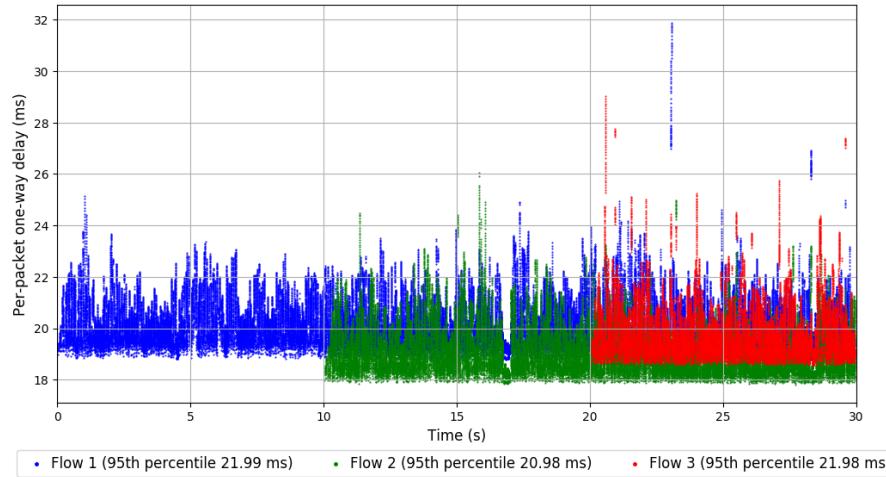
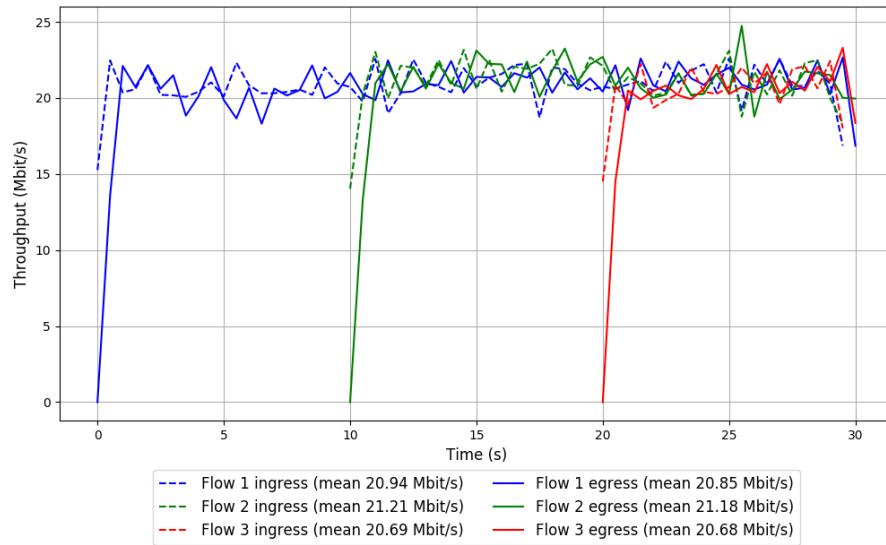


Run 4: Statistics of Sprout

```
Start at: 2018-08-22 03:50:21
End at: 2018-08-22 03:50:51
Local clock offset: -2.119 ms
Remote clock offset: 3.904 ms

# Below is generated by plot.py at 2018-08-22 09:01:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 41.77 Mbit/s
95th percentile per-packet one-way delay: 21.795 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 20.85 Mbit/s
95th percentile per-packet one-way delay: 21.992 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 21.18 Mbit/s
95th percentile per-packet one-way delay: 20.980 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 20.68 Mbit/s
95th percentile per-packet one-way delay: 21.982 ms
Loss rate: 0.01%
```

## Run 4: Report of Sprout — Data Link

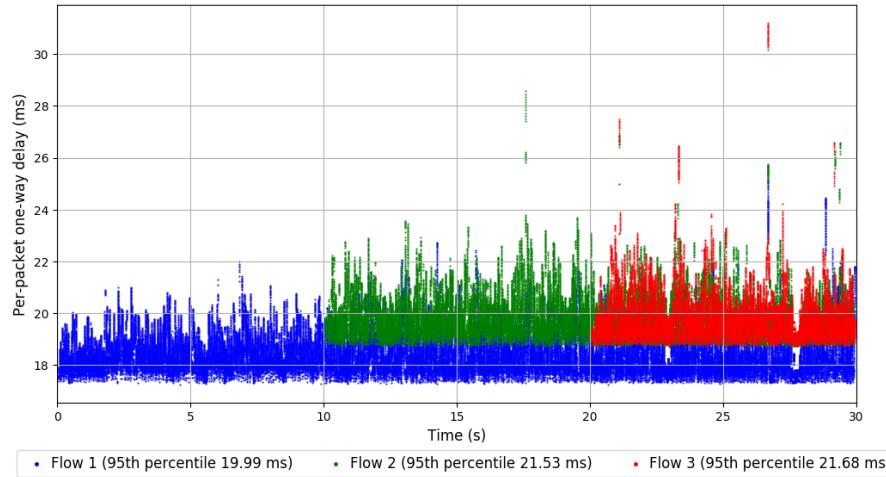
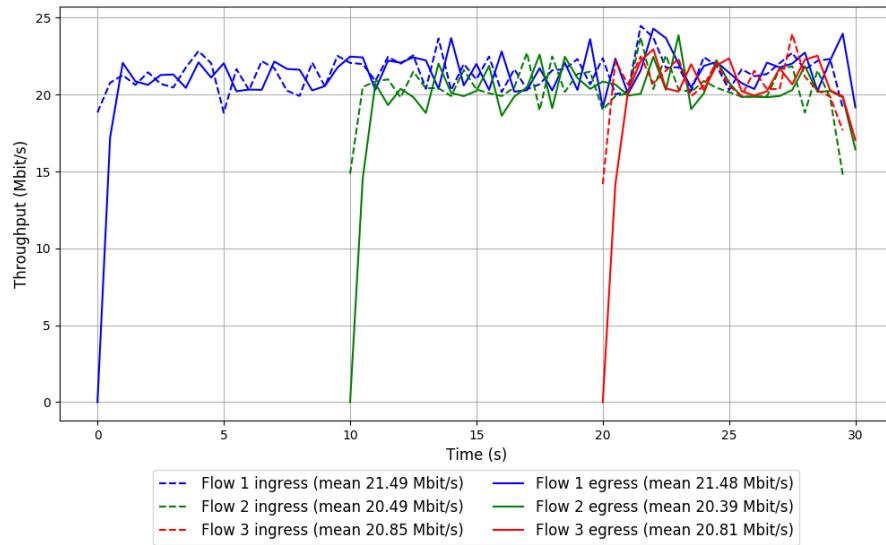


Run 5: Statistics of Sprout

```
Start at: 2018-08-22 04:17:41
End at: 2018-08-22 04:18:11
Local clock offset: -2.888 ms
Remote clock offset: 3.49 ms

# Below is generated by plot.py at 2018-08-22 09:01:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 41.90 Mbit/s
95th percentile per-packet one-way delay: 21.104 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 21.48 Mbit/s
95th percentile per-packet one-way delay: 19.992 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 20.39 Mbit/s
95th percentile per-packet one-way delay: 21.531 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 20.81 Mbit/s
95th percentile per-packet one-way delay: 21.678 ms
Loss rate: 0.25%
```

## Run 5: Report of Sprout — Data Link

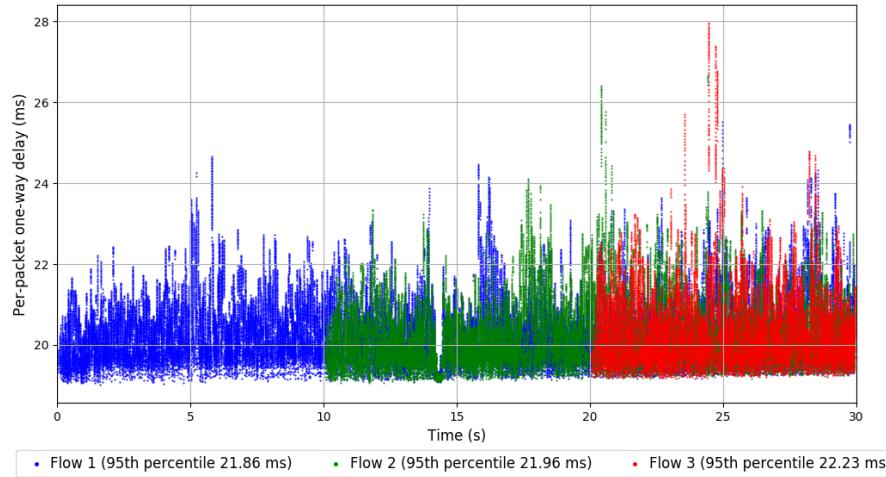
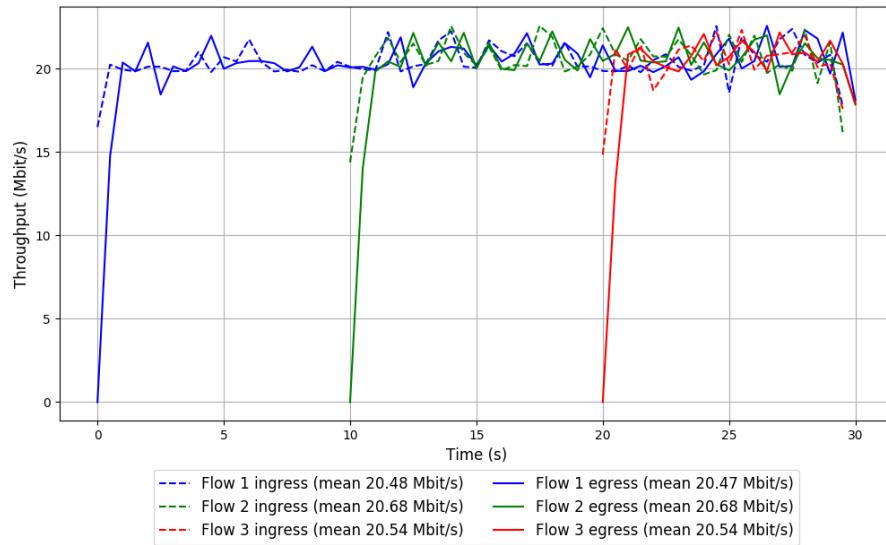


Run 6: Statistics of Sprout

```
Start at: 2018-08-22 04:44:54
End at: 2018-08-22 04:45:24
Local clock offset: -0.835 ms
Remote clock offset: 1.92 ms

# Below is generated by plot.py at 2018-08-22 09:01:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 41.01 Mbit/s
95th percentile per-packet one-way delay: 21.967 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 20.47 Mbit/s
95th percentile per-packet one-way delay: 21.863 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 20.68 Mbit/s
95th percentile per-packet one-way delay: 21.960 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 20.54 Mbit/s
95th percentile per-packet one-way delay: 22.226 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link

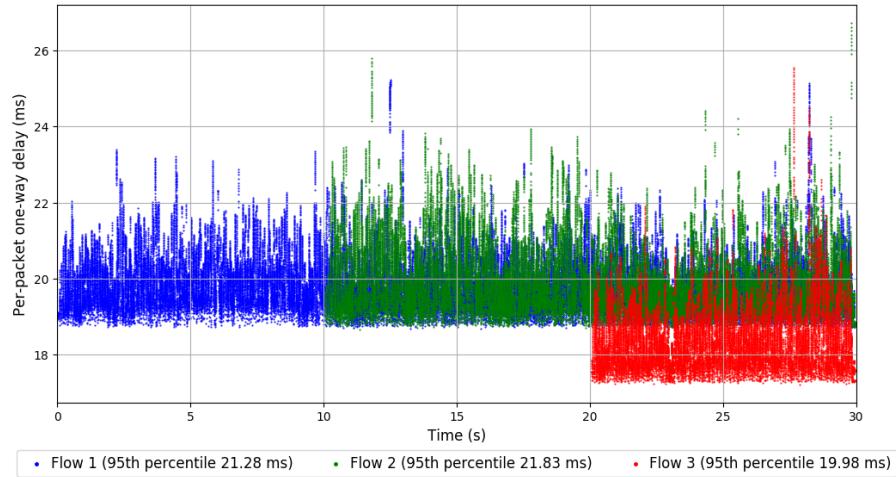
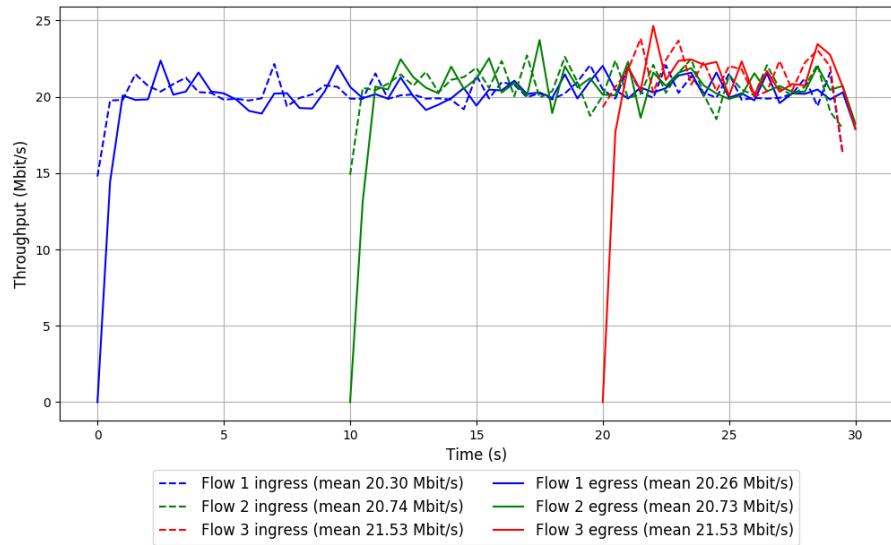


Run 7: Statistics of Sprout

```
Start at: 2018-08-22 05:12:08
End at: 2018-08-22 05:12:38
Local clock offset: 1.087 ms
Remote clock offset: -1.702 ms

# Below is generated by plot.py at 2018-08-22 09:01:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 41.17 Mbit/s
95th percentile per-packet one-way delay: 21.434 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 20.26 Mbit/s
95th percentile per-packet one-way delay: 21.282 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 20.73 Mbit/s
95th percentile per-packet one-way delay: 21.834 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 21.53 Mbit/s
95th percentile per-packet one-way delay: 19.985 ms
Loss rate: 0.00%
```

## Run 7: Report of Sprout — Data Link

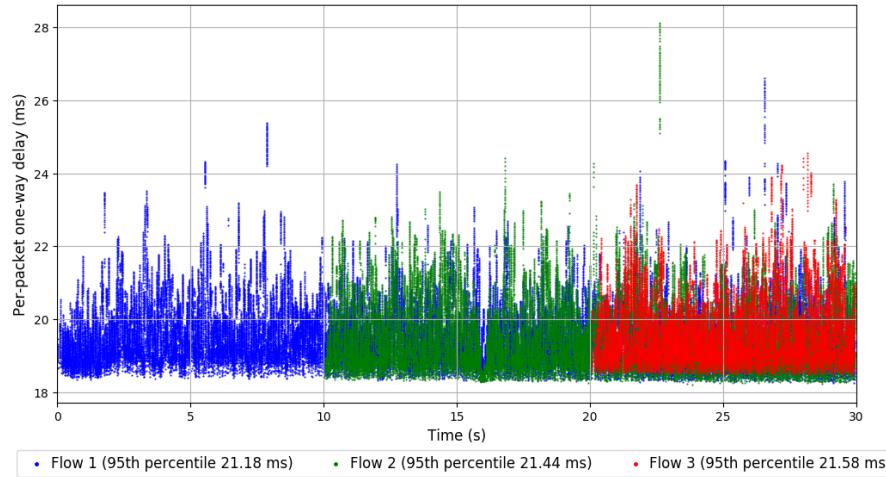
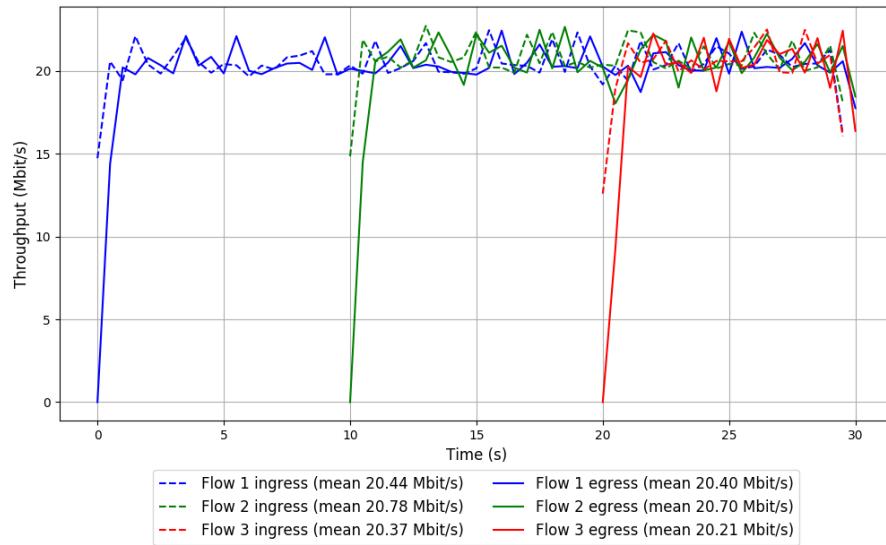


Run 8: Statistics of Sprout

```
Start at: 2018-08-22 05:39:22
End at: 2018-08-22 05:39:52
Local clock offset: 0.372 ms
Remote clock offset: -3.425 ms

# Below is generated by plot.py at 2018-08-22 09:01:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 40.85 Mbit/s
95th percentile per-packet one-way delay: 21.371 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 20.40 Mbit/s
95th percentile per-packet one-way delay: 21.176 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 20.70 Mbit/s
95th percentile per-packet one-way delay: 21.444 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 20.21 Mbit/s
95th percentile per-packet one-way delay: 21.576 ms
Loss rate: 0.75%
```

Run 8: Report of Sprout — Data Link

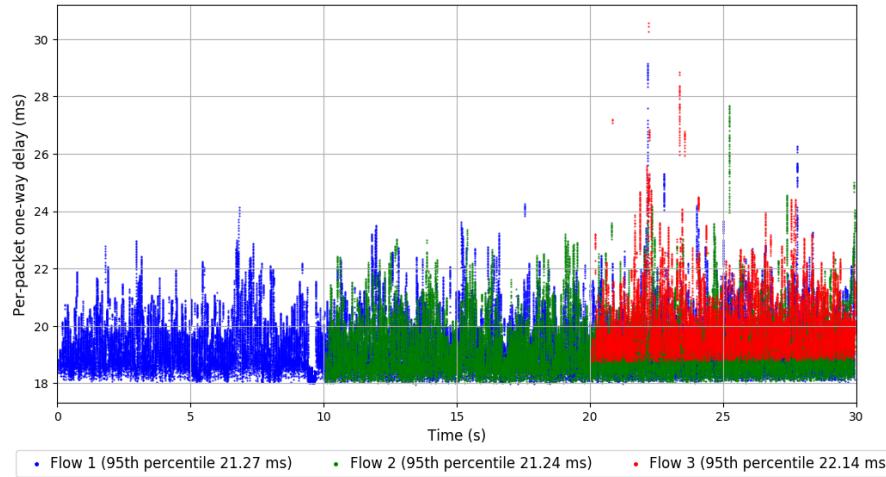
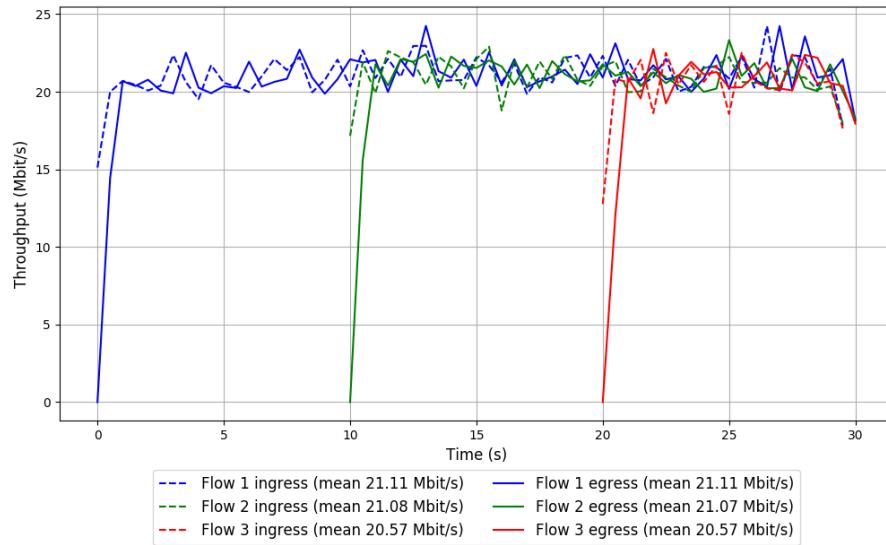


Run 9: Statistics of Sprout

```
Start at: 2018-08-22 06:06:29
End at: 2018-08-22 06:06:59
Local clock offset: -3.175 ms
Remote clock offset: 3.06 ms

# Below is generated by plot.py at 2018-08-22 09:01:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 41.92 Mbit/s
95th percentile per-packet one-way delay: 21.451 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 21.11 Mbit/s
95th percentile per-packet one-way delay: 21.268 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 21.07 Mbit/s
95th percentile per-packet one-way delay: 21.244 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 20.57 Mbit/s
95th percentile per-packet one-way delay: 22.140 ms
Loss rate: 0.00%
```

Run 9: Report of Sprout — Data Link

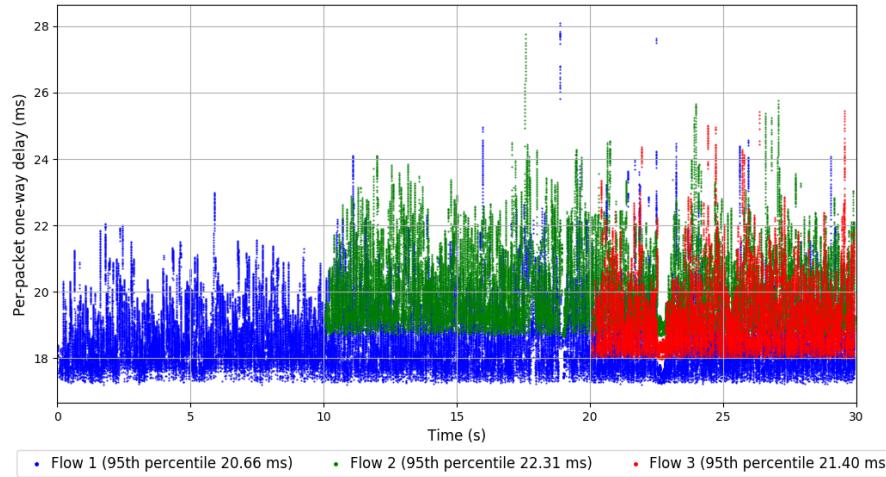
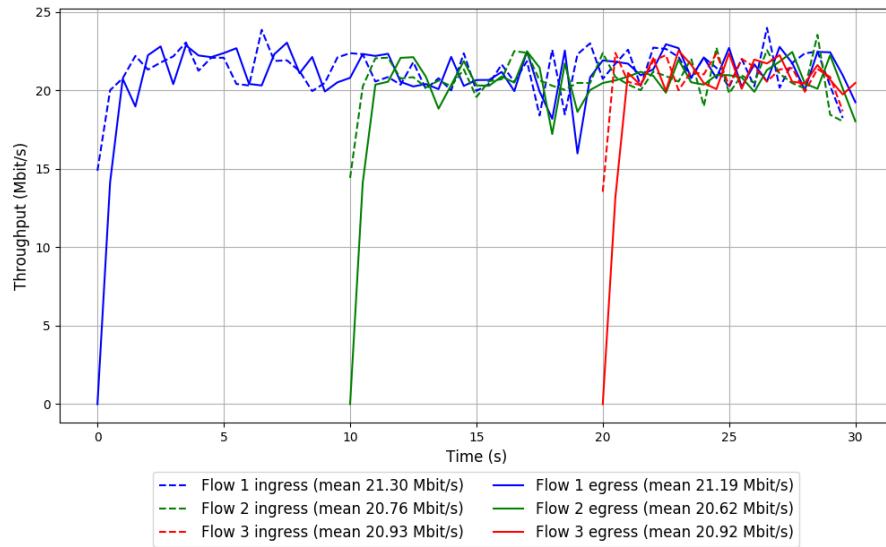


Run 10: Statistics of Sprout

```
Start at: 2018-08-22 06:33:16
End at: 2018-08-22 06:33:46
Local clock offset: 1.125 ms
Remote clock offset: 5.447 ms

# Below is generated by plot.py at 2018-08-22 09:01:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 41.81 Mbit/s
95th percentile per-packet one-way delay: 21.679 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 21.19 Mbit/s
95th percentile per-packet one-way delay: 20.662 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 20.62 Mbit/s
95th percentile per-packet one-way delay: 22.310 ms
Loss rate: 0.66%
-- Flow 3:
Average throughput: 20.92 Mbit/s
95th percentile per-packet one-way delay: 21.399 ms
Loss rate: 0.04%
```

Run 10: Report of Sprout — Data Link

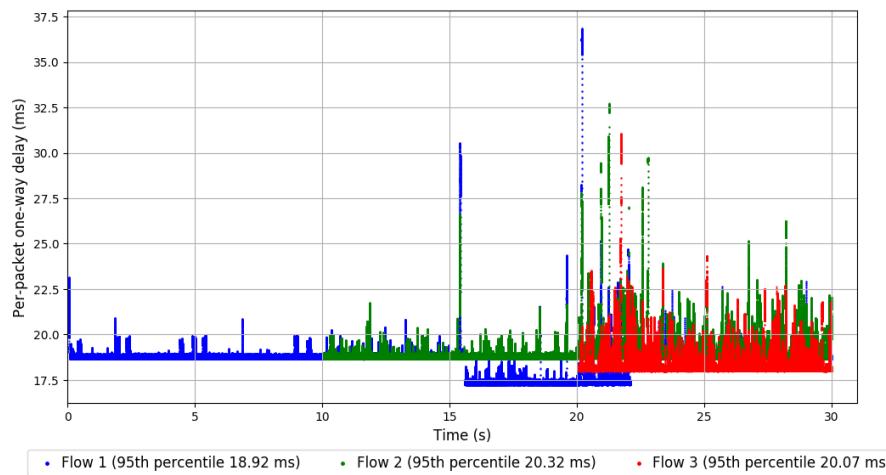
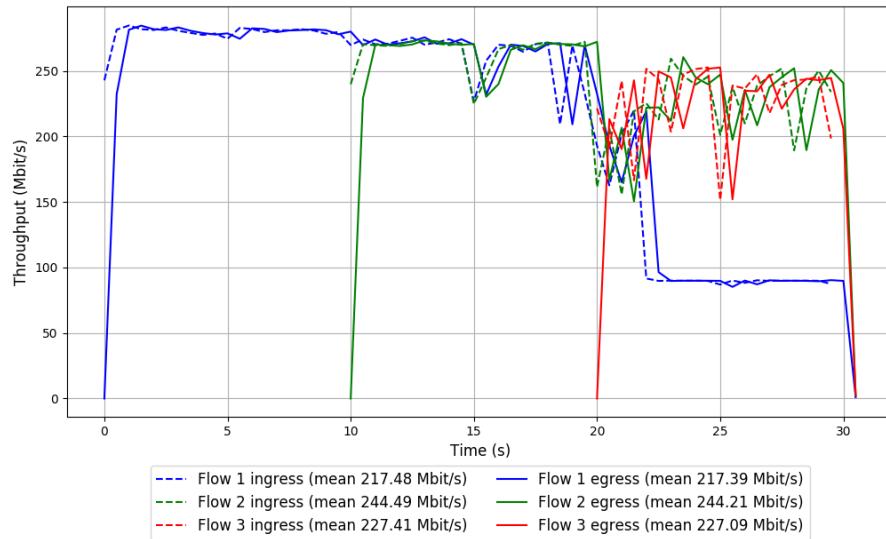


Run 1: Statistics of TaoVA-100x

```
Start at: 2018-08-22 02:31:23
End at: 2018-08-22 02:31:53
Local clock offset: 1.204 ms
Remote clock offset: 0.104 ms

# Below is generated by plot.py at 2018-08-22 09:06:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 455.58 Mbit/s
95th percentile per-packet one-way delay: 19.747 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 217.39 Mbit/s
95th percentile per-packet one-way delay: 18.917 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 244.21 Mbit/s
95th percentile per-packet one-way delay: 20.317 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 227.09 Mbit/s
95th percentile per-packet one-way delay: 20.075 ms
Loss rate: 0.14%
```

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

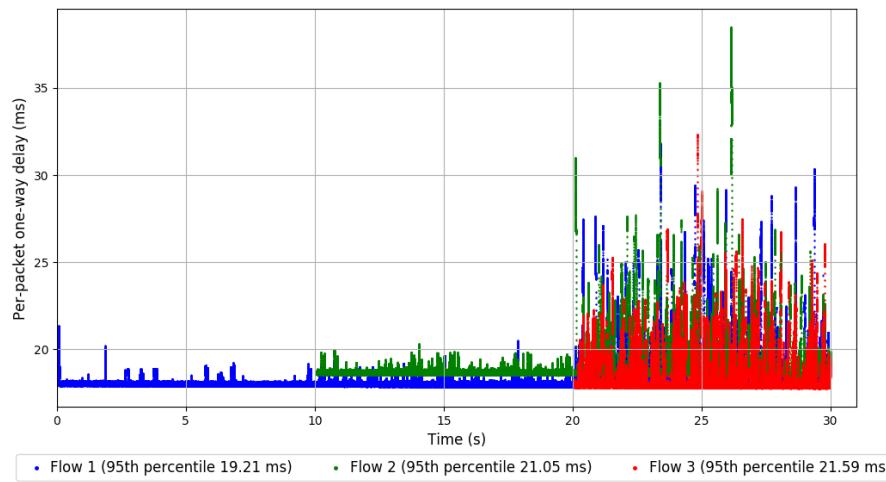
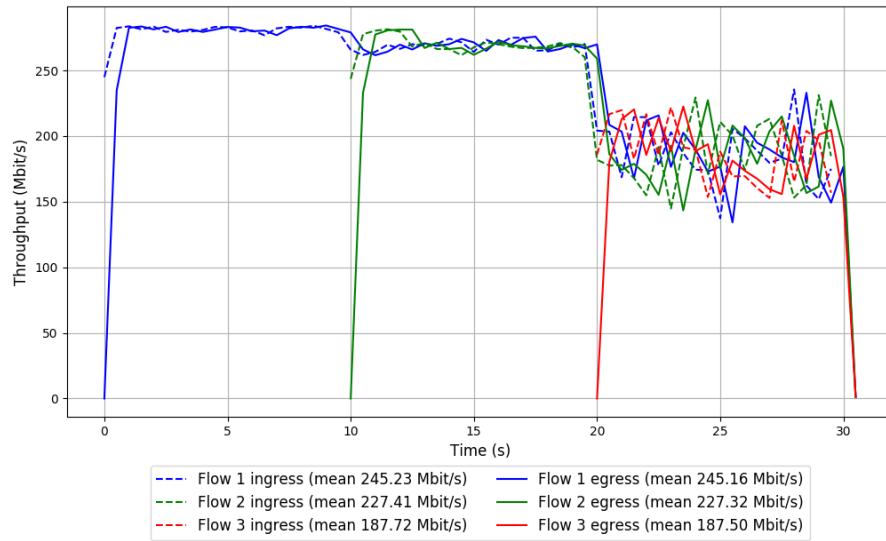


Run 2: Statistics of TaoVA-100x

```
Start at: 2018-08-22 02:58:43
End at: 2018-08-22 02:59:13
Local clock offset: 1.788 ms
Remote clock offset: 1.009 ms

# Below is generated by plot.py at 2018-08-22 09:07:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 458.86 Mbit/s
95th percentile per-packet one-way delay: 20.435 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 245.16 Mbit/s
95th percentile per-packet one-way delay: 19.208 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 227.32 Mbit/s
95th percentile per-packet one-way delay: 21.049 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 187.50 Mbit/s
95th percentile per-packet one-way delay: 21.586 ms
Loss rate: 0.11%
```

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

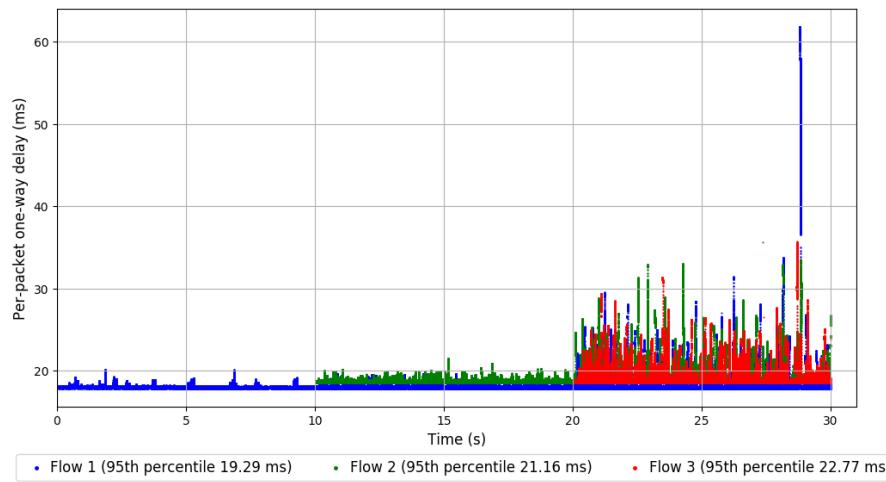
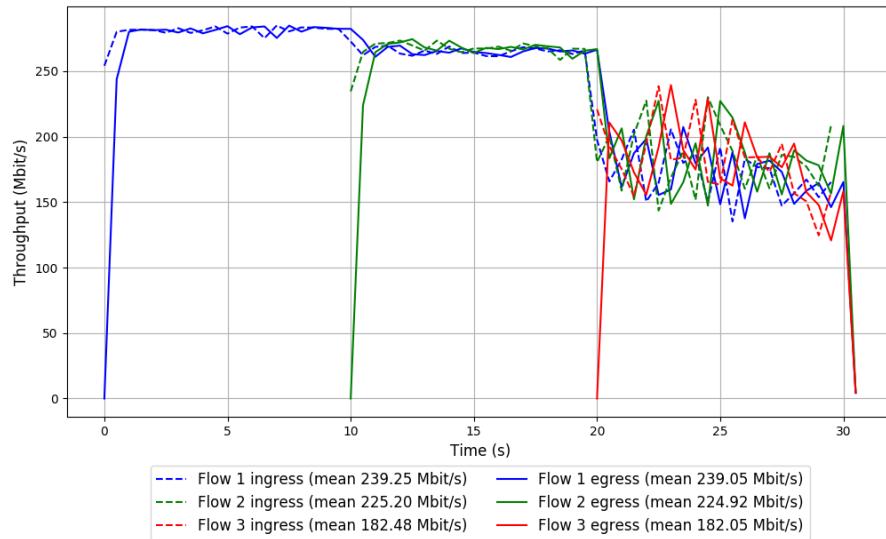


Run 3: Statistics of TaoVA-100x

```
Start at: 2018-08-22 03:26:08
End at: 2018-08-22 03:26:38
Local clock offset: 0.864 ms
Remote clock offset: 4.6 ms

# Below is generated by plot.py at 2018-08-22 09:07:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 449.34 Mbit/s
95th percentile per-packet one-way delay: 20.878 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 239.05 Mbit/s
95th percentile per-packet one-way delay: 19.287 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 224.92 Mbit/s
95th percentile per-packet one-way delay: 21.162 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 182.05 Mbit/s
95th percentile per-packet one-way delay: 22.768 ms
Loss rate: 0.18%
```

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

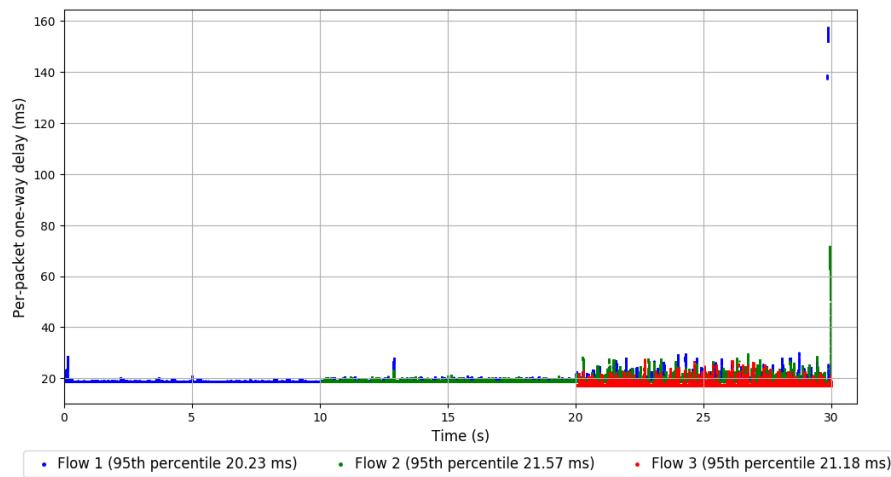
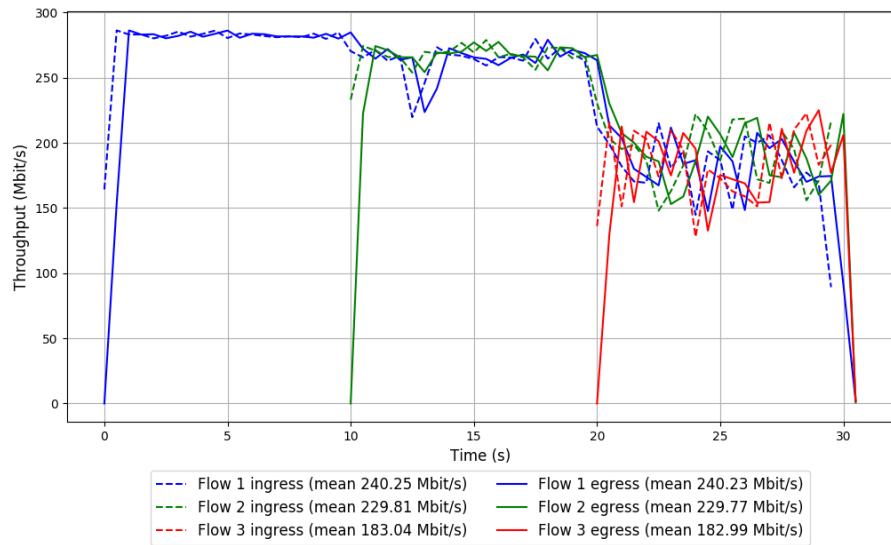


Run 4: Statistics of TaoVA-100x

```
Start at: 2018-08-22 03:53:25
End at: 2018-08-22 03:53:55
Local clock offset: -2.526 ms
Remote clock offset: 3.932 ms

# Below is generated by plot.py at 2018-08-22 09:07:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 454.15 Mbit/s
95th percentile per-packet one-way delay: 20.951 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 240.23 Mbit/s
95th percentile per-packet one-way delay: 20.226 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 229.77 Mbit/s
95th percentile per-packet one-way delay: 21.575 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 182.99 Mbit/s
95th percentile per-packet one-way delay: 21.185 ms
Loss rate: 0.03%
```

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

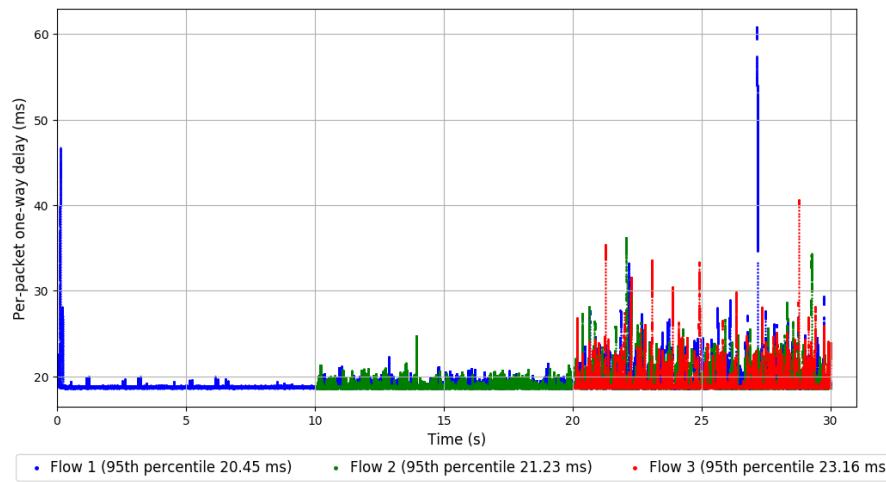
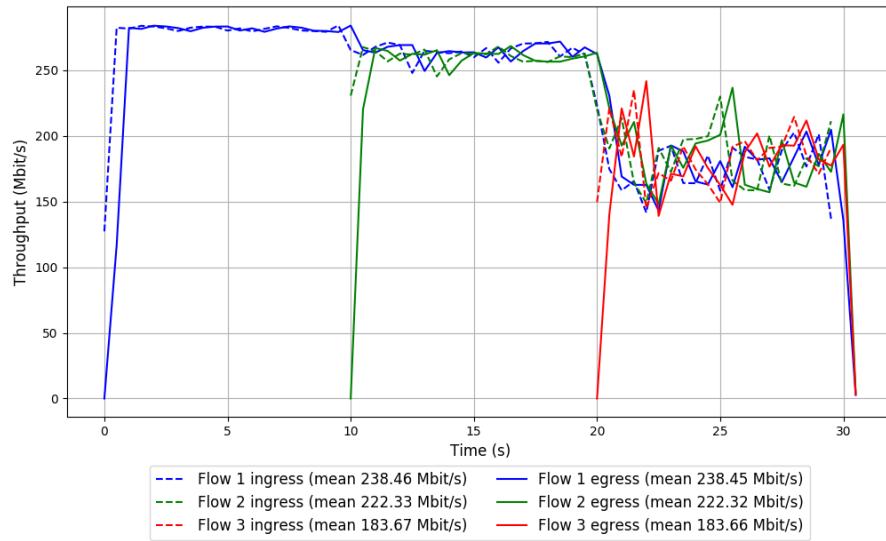


Run 5: Statistics of TaoVA-100x

```
Start at: 2018-08-22 04:20:46
End at: 2018-08-22 04:21:16
Local clock offset: -2.867 ms
Remote clock offset: 3.405 ms

# Below is generated by plot.py at 2018-08-22 09:08:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 447.61 Mbit/s
95th percentile per-packet one-way delay: 21.306 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 238.45 Mbit/s
95th percentile per-packet one-way delay: 20.447 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 222.32 Mbit/s
95th percentile per-packet one-way delay: 21.229 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 183.66 Mbit/s
95th percentile per-packet one-way delay: 23.158 ms
Loss rate: 0.00%
```

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

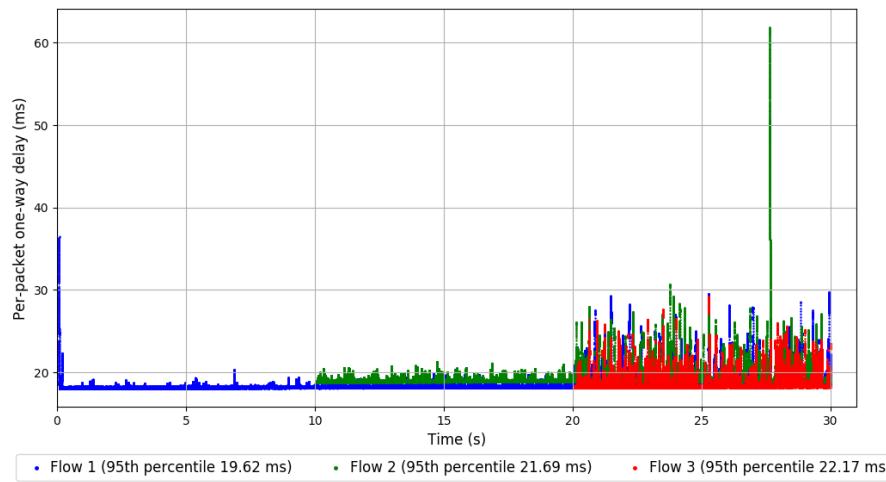
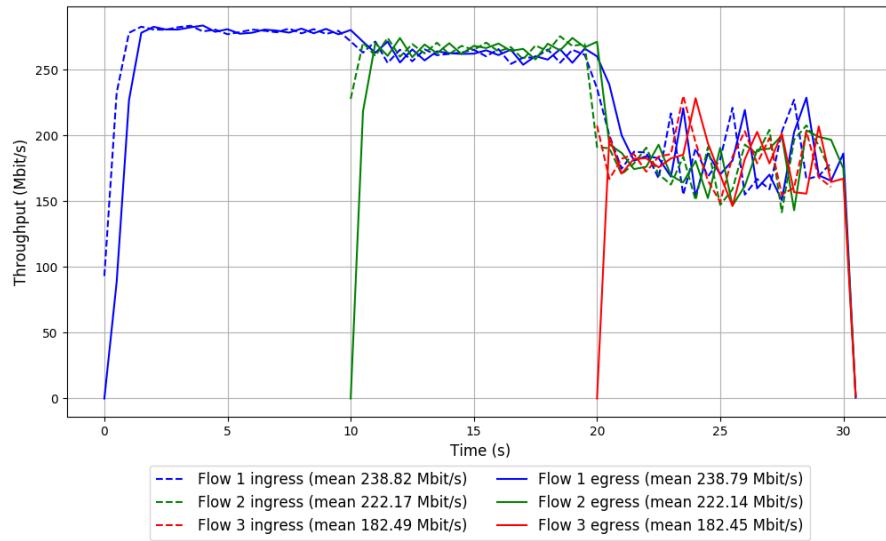


Run 6: Statistics of TaoVA-100x

```
Start at: 2018-08-22 04:48:00
End at: 2018-08-22 04:48:30
Local clock offset: -0.186 ms
Remote clock offset: 0.999 ms

# Below is generated by plot.py at 2018-08-22 09:09:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 447.39 Mbit/s
95th percentile per-packet one-way delay: 20.984 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 238.79 Mbit/s
95th percentile per-packet one-way delay: 19.620 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 222.14 Mbit/s
95th percentile per-packet one-way delay: 21.687 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 182.45 Mbit/s
95th percentile per-packet one-way delay: 22.172 ms
Loss rate: 0.02%
```

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

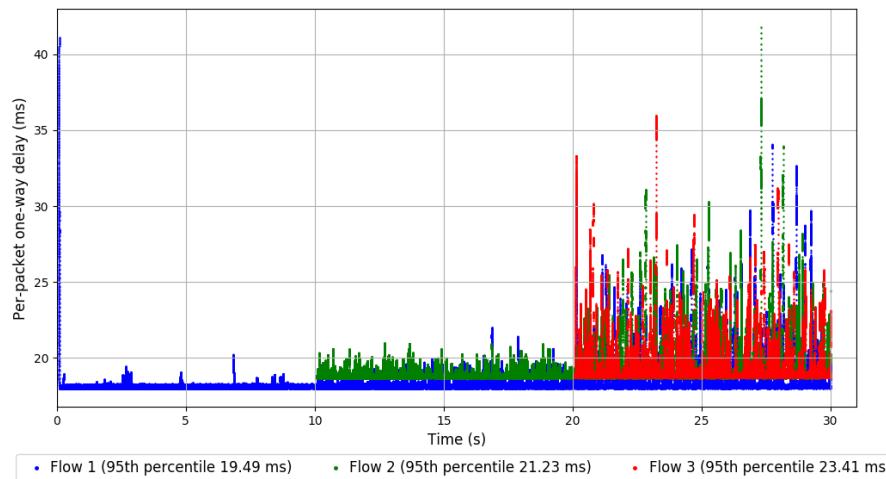
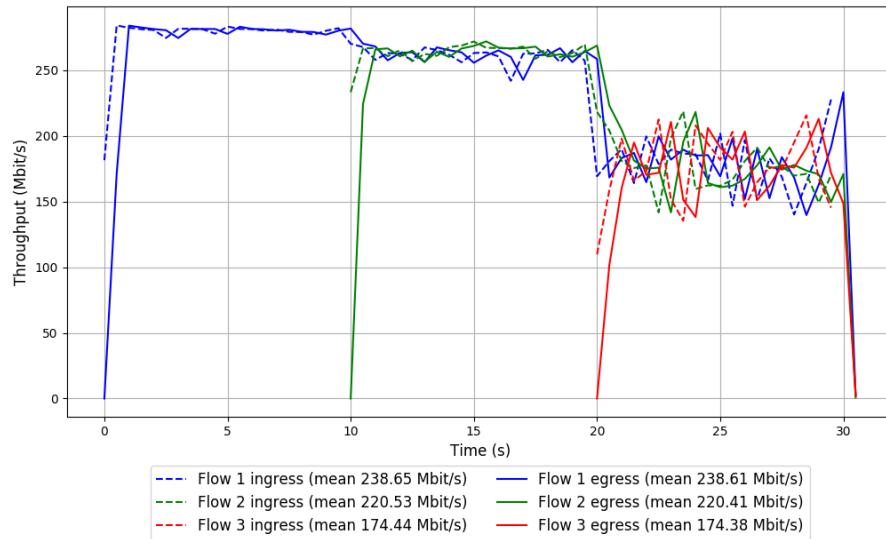


Run 7: Statistics of TaoVA-100x

```
Start at: 2018-08-22 05:15:18
End at: 2018-08-22 05:15:48
Local clock offset: 1.043 ms
Remote clock offset: -1.927 ms

# Below is generated by plot.py at 2018-08-22 09:11:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 443.35 Mbit/s
95th percentile per-packet one-way delay: 21.084 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 238.61 Mbit/s
95th percentile per-packet one-way delay: 19.490 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 220.41 Mbit/s
95th percentile per-packet one-way delay: 21.227 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 174.38 Mbit/s
95th percentile per-packet one-way delay: 23.413 ms
Loss rate: 0.05%
```

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

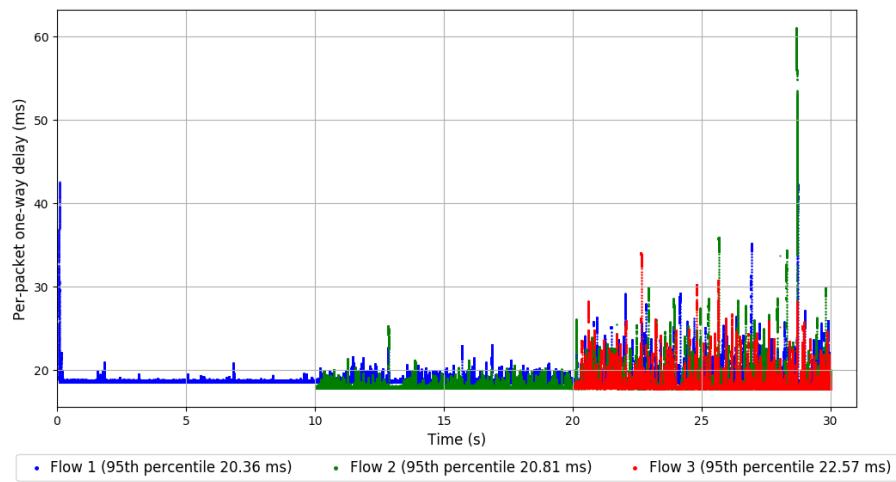
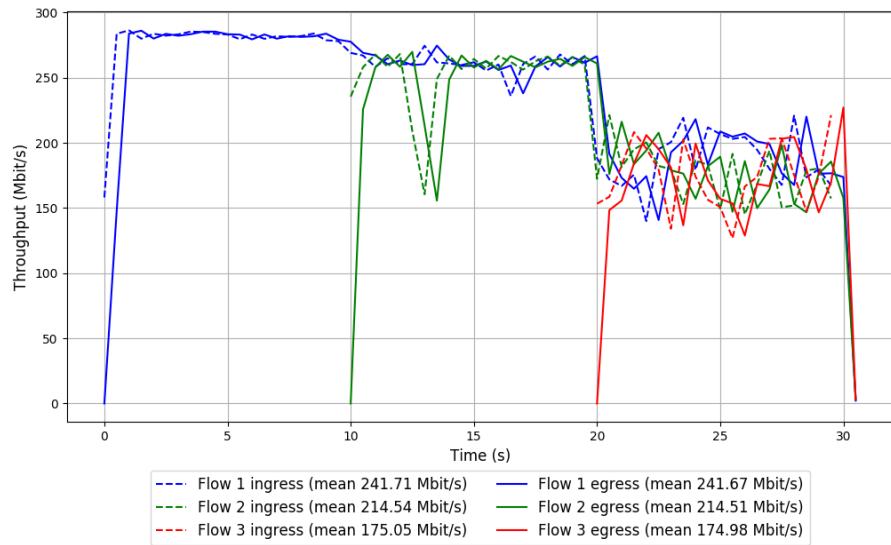


Run 8: Statistics of TaoVA-100x

```
Start at: 2018-08-22 05:42:29
End at: 2018-08-22 05:42:59
Local clock offset: -0.643 ms
Remote clock offset: -3.549 ms

# Below is generated by plot.py at 2018-08-22 09:12:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 442.70 Mbit/s
95th percentile per-packet one-way delay: 20.885 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 241.67 Mbit/s
95th percentile per-packet one-way delay: 20.364 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 214.51 Mbit/s
95th percentile per-packet one-way delay: 20.814 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 174.98 Mbit/s
95th percentile per-packet one-way delay: 22.566 ms
Loss rate: 0.05%
```

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

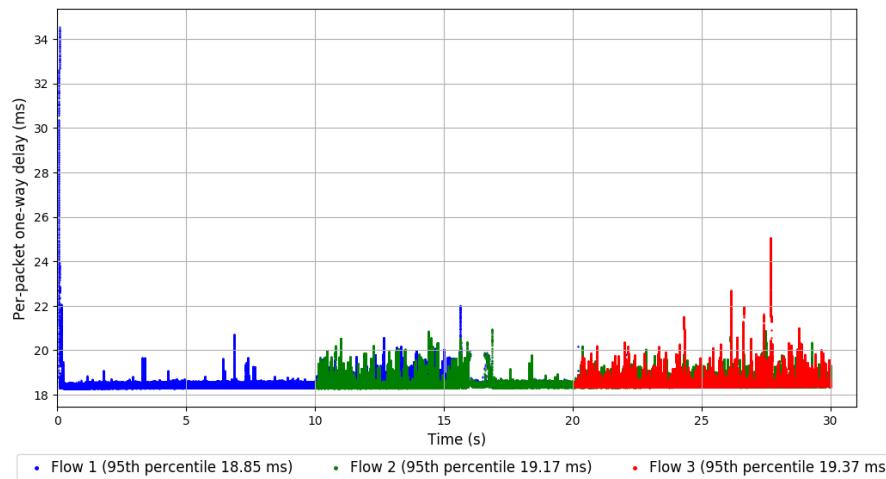
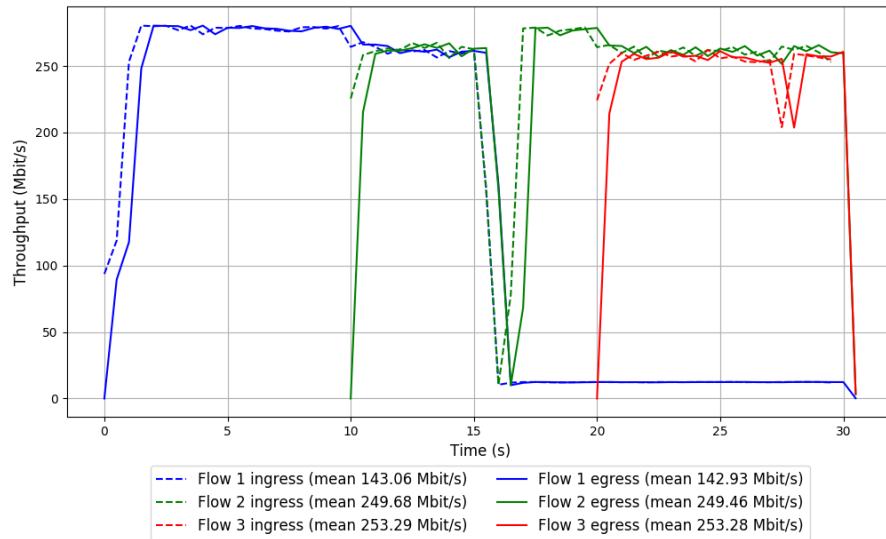


Run 9: Statistics of TaoVA-100x

```
Start at: 2018-08-22 06:09:34
End at: 2018-08-22 06:10:04
Local clock offset: -2.318 ms
Remote clock offset: 3.519 ms

# Below is generated by plot.py at 2018-08-22 09:15:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 393.24 Mbit/s
95th percentile per-packet one-way delay: 19.146 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 142.93 Mbit/s
95th percentile per-packet one-way delay: 18.852 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 249.46 Mbit/s
95th percentile per-packet one-way delay: 19.167 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 253.28 Mbit/s
95th percentile per-packet one-way delay: 19.374 ms
Loss rate: 0.01%
```

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

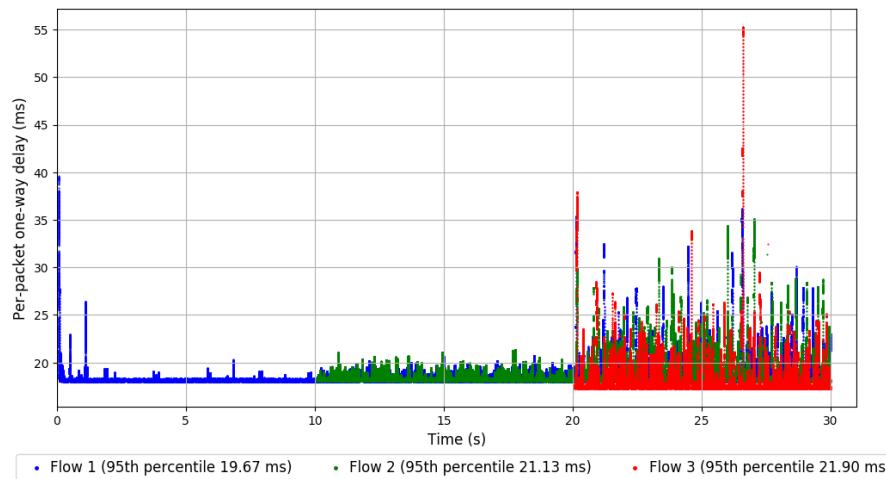
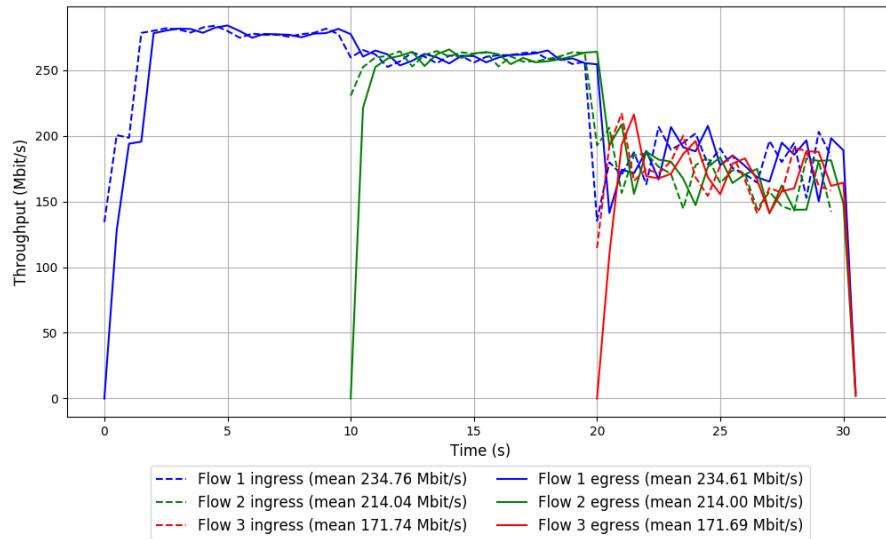


Run 10: Statistics of TaoVA-100x

```
Start at: 2018-08-22 06:36:18
End at: 2018-08-22 06:36:48
Local clock offset: 1.182 ms
Remote clock offset: 5.665 ms

# Below is generated by plot.py at 2018-08-22 09:16:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 434.23 Mbit/s
95th percentile per-packet one-way delay: 20.580 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 234.61 Mbit/s
95th percentile per-packet one-way delay: 19.669 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 214.00 Mbit/s
95th percentile per-packet one-way delay: 21.130 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 171.69 Mbit/s
95th percentile per-packet one-way delay: 21.898 ms
Loss rate: 0.03%
```

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

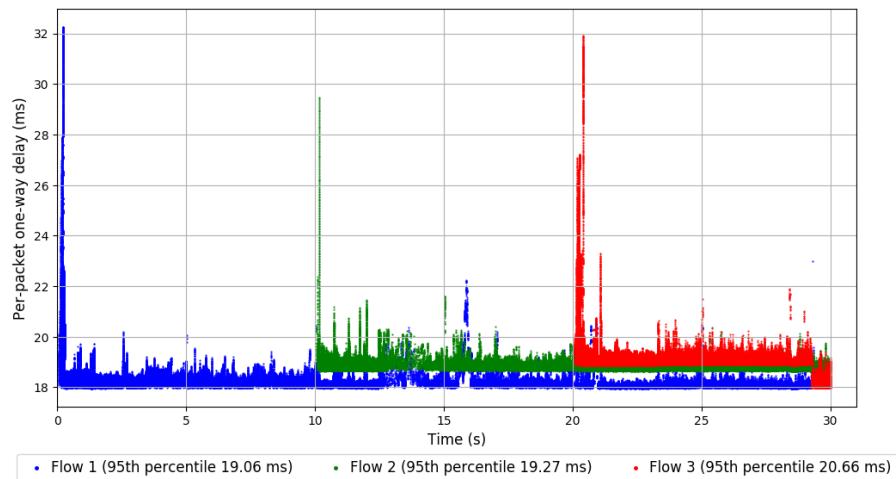
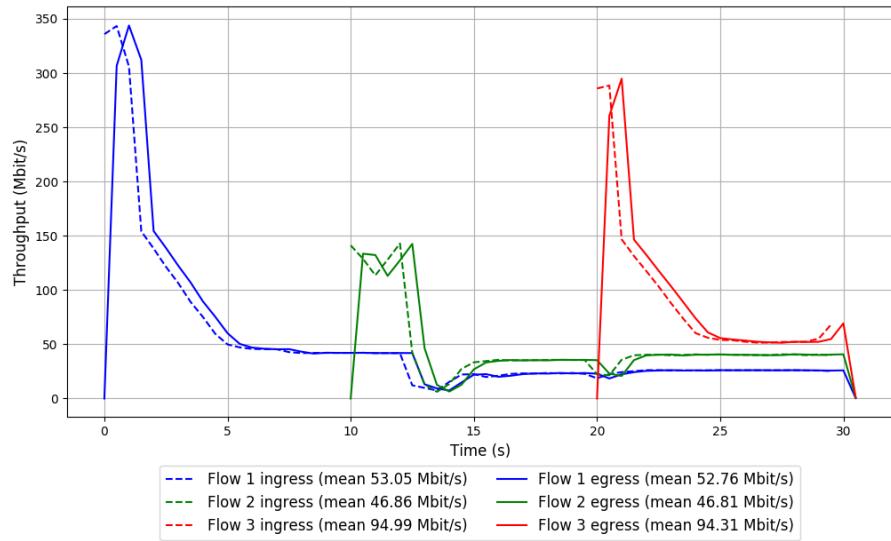


Run 1: Statistics of TCP Vegas

```
Start at: 2018-08-22 02:41:40
End at: 2018-08-22 02:42:10
Local clock offset: 1.427 ms
Remote clock offset: 0.345 ms

# Below is generated by plot.py at 2018-08-22 09:16:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 115.30 Mbit/s
95th percentile per-packet one-way delay: 19.503 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 52.76 Mbit/s
95th percentile per-packet one-way delay: 19.064 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 46.81 Mbit/s
95th percentile per-packet one-way delay: 19.270 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 94.31 Mbit/s
95th percentile per-packet one-way delay: 20.665 ms
Loss rate: 0.73%
```

Run 1: Report of TCP Vegas — Data Link

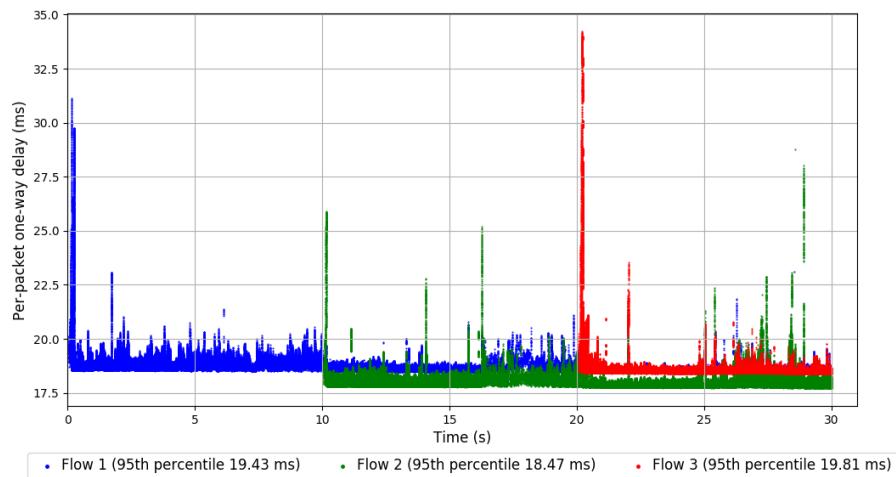
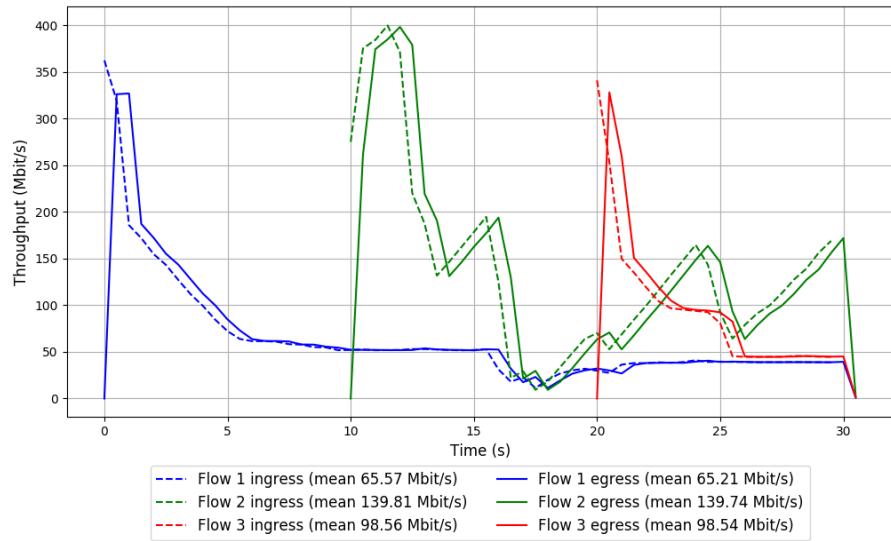


Run 2: Statistics of TCP Vegas

```
Start at: 2018-08-22 03:09:01
End at: 2018-08-22 03:09:31
Local clock offset: 1.812 ms
Remote clock offset: 3.021 ms

# Below is generated by plot.py at 2018-08-22 09:16:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 191.07 Mbit/s
95th percentile per-packet one-way delay: 19.198 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 65.21 Mbit/s
95th percentile per-packet one-way delay: 19.428 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 139.74 Mbit/s
95th percentile per-packet one-way delay: 18.467 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 98.54 Mbit/s
95th percentile per-packet one-way delay: 19.808 ms
Loss rate: 0.02%
```

Run 2: Report of TCP Vegas — Data Link

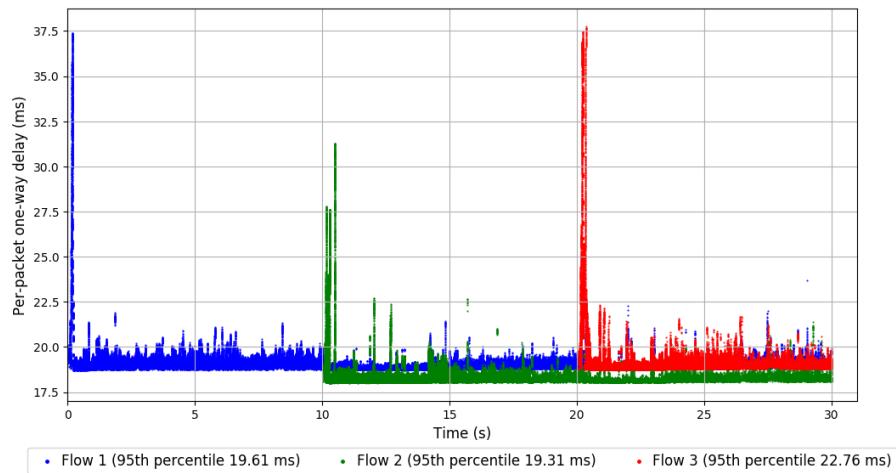
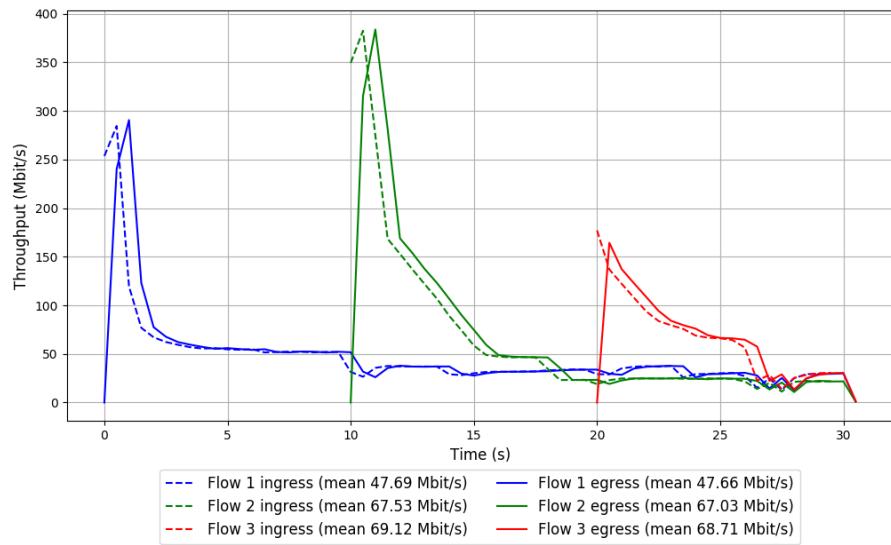


Run 3: Statistics of TCP Vegas

```
Start at: 2018-08-22 03:36:17
End at: 2018-08-22 03:36:47
Local clock offset: 0.85 ms
Remote clock offset: 4.48 ms

# Below is generated by plot.py at 2018-08-22 09:16:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 115.16 Mbit/s
95th percentile per-packet one-way delay: 19.837 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 47.66 Mbit/s
95th percentile per-packet one-way delay: 19.608 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 67.03 Mbit/s
95th percentile per-packet one-way delay: 19.307 ms
Loss rate: 0.74%
-- Flow 3:
Average throughput: 68.71 Mbit/s
95th percentile per-packet one-way delay: 22.763 ms
Loss rate: 0.59%
```

Run 3: Report of TCP Vegas — Data Link

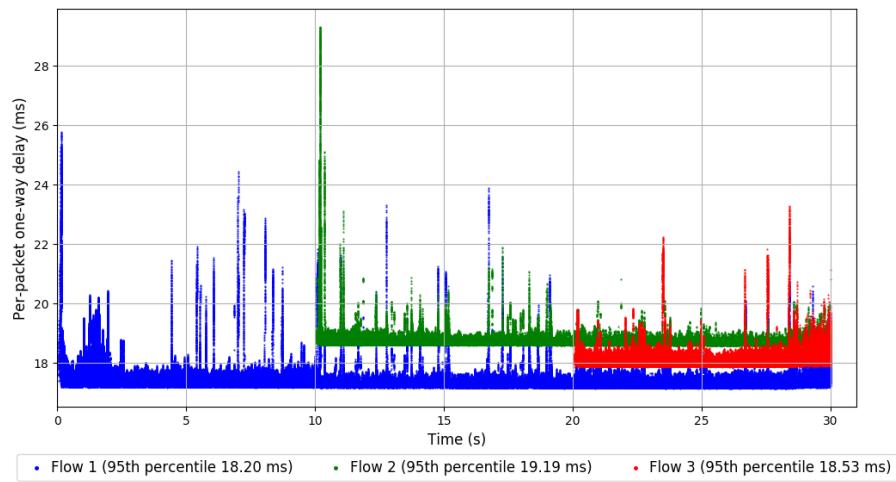
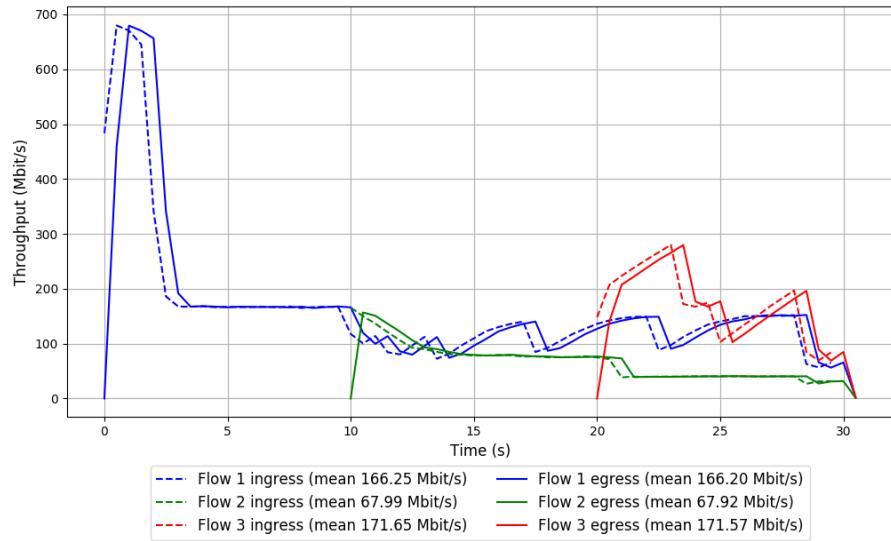


Run 4: Statistics of TCP Vegas

```
Start at: 2018-08-22 04:03:40
End at: 2018-08-22 04:04:10
Local clock offset: -3.18 ms
Remote clock offset: 4.267 ms

# Below is generated by plot.py at 2018-08-22 09:16:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 268.47 Mbit/s
95th percentile per-packet one-way delay: 18.883 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 166.20 Mbit/s
95th percentile per-packet one-way delay: 18.202 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 67.92 Mbit/s
95th percentile per-packet one-way delay: 19.192 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 171.57 Mbit/s
95th percentile per-packet one-way delay: 18.531 ms
Loss rate: 0.03%
```

Run 4: Report of TCP Vegas — Data Link

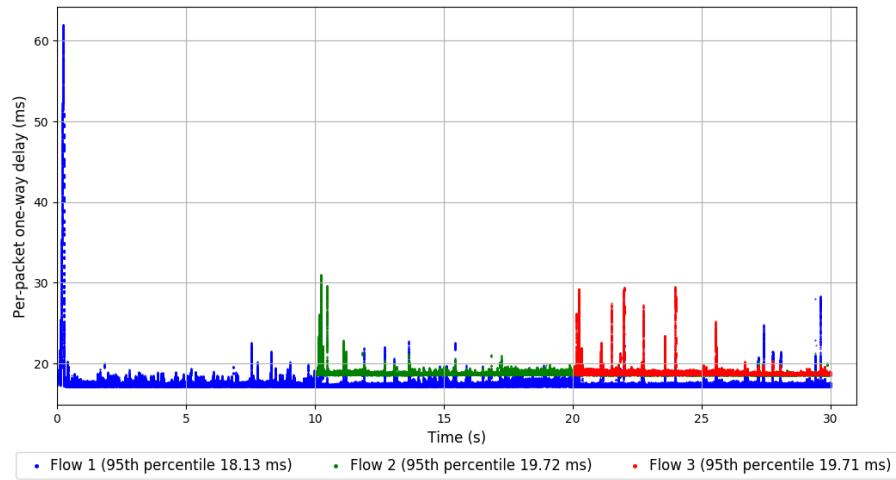
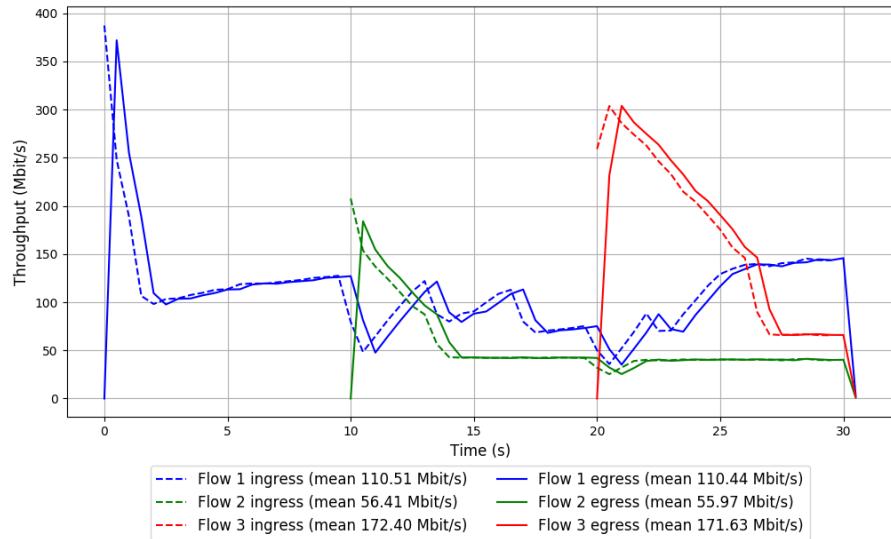


Run 5: Statistics of TCP Vegas

```
Start at: 2018-08-22 04:30:55
End at: 2018-08-22 04:31:25
Local clock offset: -2.957 ms
Remote clock offset: 3.468 ms

# Below is generated by plot.py at 2018-08-22 09:16:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 204.78 Mbit/s
95th percentile per-packet one-way delay: 19.152 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 110.44 Mbit/s
95th percentile per-packet one-way delay: 18.132 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 55.97 Mbit/s
95th percentile per-packet one-way delay: 19.716 ms
Loss rate: 0.78%
-- Flow 3:
Average throughput: 171.63 Mbit/s
95th percentile per-packet one-way delay: 19.711 ms
Loss rate: 0.45%
```

Run 5: Report of TCP Vegas — Data Link

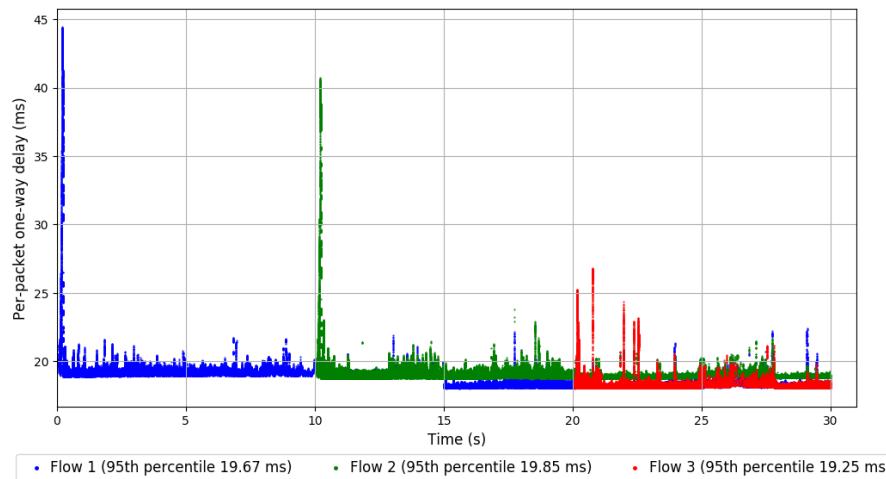
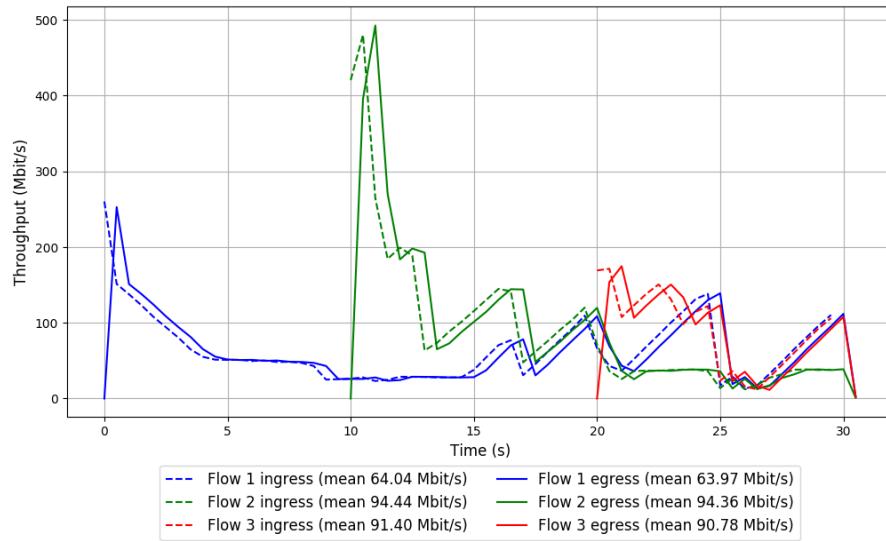


Run 6: Statistics of TCP Vegas

```
Start at: 2018-08-22 04:58:10
End at: 2018-08-22 04:58:40
Local clock offset: 0.85 ms
Remote clock offset: -0.563 ms

# Below is generated by plot.py at 2018-08-22 09:16:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 157.01 Mbit/s
95th percentile per-packet one-way delay: 19.721 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 63.97 Mbit/s
95th percentile per-packet one-way delay: 19.668 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 94.36 Mbit/s
95th percentile per-packet one-way delay: 19.850 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 90.78 Mbit/s
95th percentile per-packet one-way delay: 19.250 ms
Loss rate: 0.68%
```

Run 6: Report of TCP Vegas — Data Link

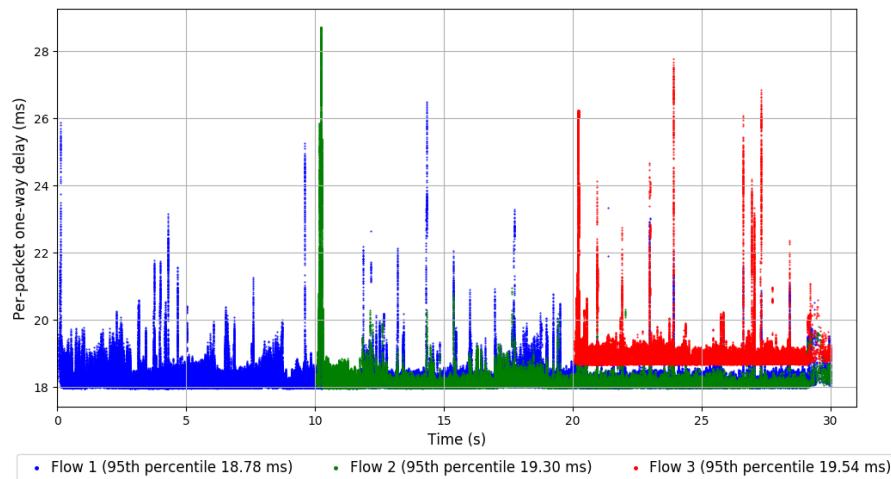
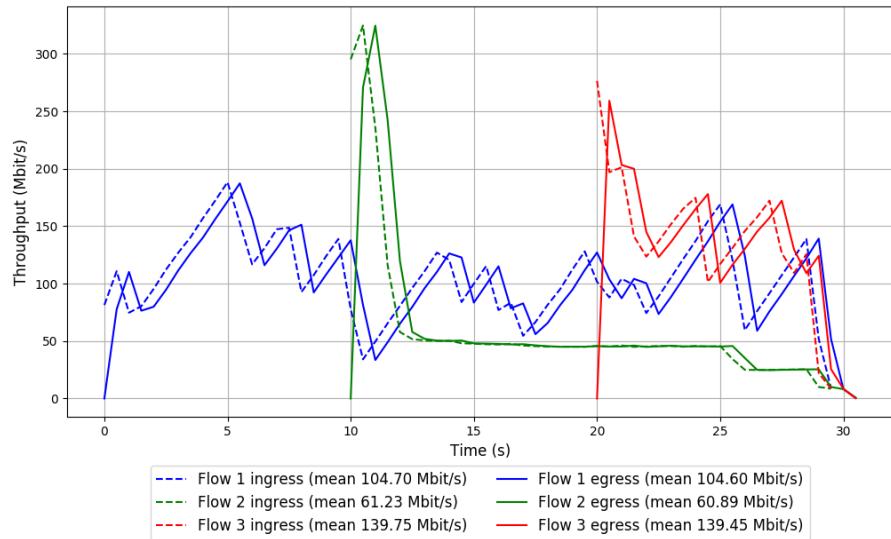


Run 7: Statistics of TCP Vegas

```
Start at: 2018-08-22 05:25:29
End at: 2018-08-22 05:25:59
Local clock offset: 1.021 ms
Remote clock offset: -2.533 ms

# Below is generated by plot.py at 2018-08-22 09:16:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 191.51 Mbit/s
95th percentile per-packet one-way delay: 19.143 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 104.60 Mbit/s
95th percentile per-packet one-way delay: 18.779 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 60.89 Mbit/s
95th percentile per-packet one-way delay: 19.297 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 139.45 Mbit/s
95th percentile per-packet one-way delay: 19.540 ms
Loss rate: 0.21%
```

Run 7: Report of TCP Vegas — Data Link

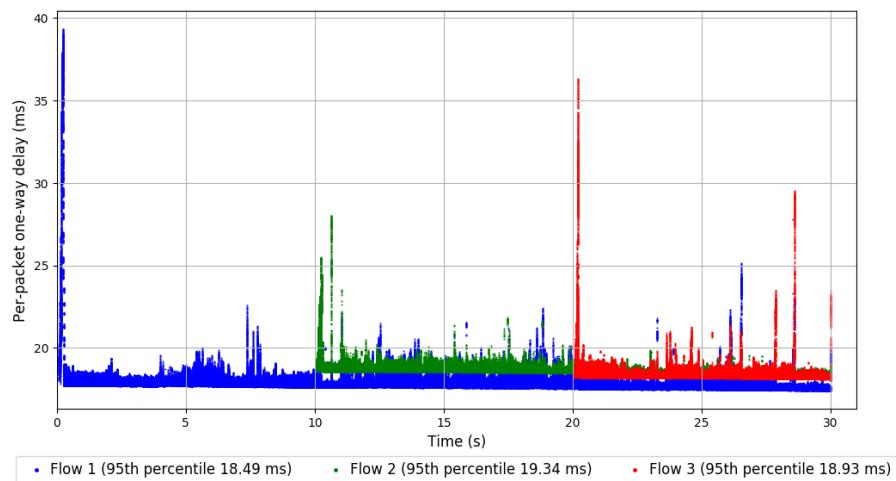
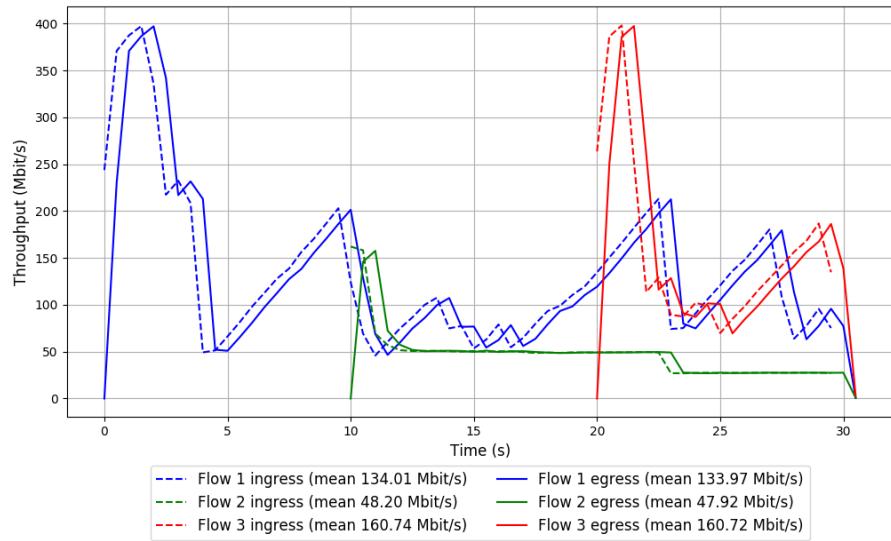


Run 8: Statistics of TCP Vegas

```
Start at: 2018-08-22 05:52:38
End at: 2018-08-22 05:53:08
Local clock offset: -2.22 ms
Remote clock offset: -1.218 ms

# Below is generated by plot.py at 2018-08-22 09:16:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 219.28 Mbit/s
95th percentile per-packet one-way delay: 18.924 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 133.97 Mbit/s
95th percentile per-packet one-way delay: 18.490 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 47.92 Mbit/s
95th percentile per-packet one-way delay: 19.344 ms
Loss rate: 0.60%
-- Flow 3:
Average throughput: 160.72 Mbit/s
95th percentile per-packet one-way delay: 18.925 ms
Loss rate: 0.01%
```

Run 8: Report of TCP Vegas — Data Link

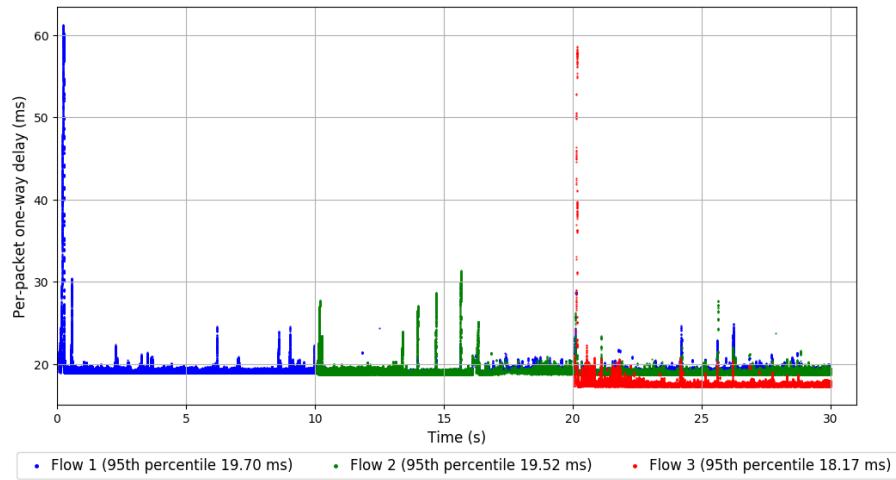
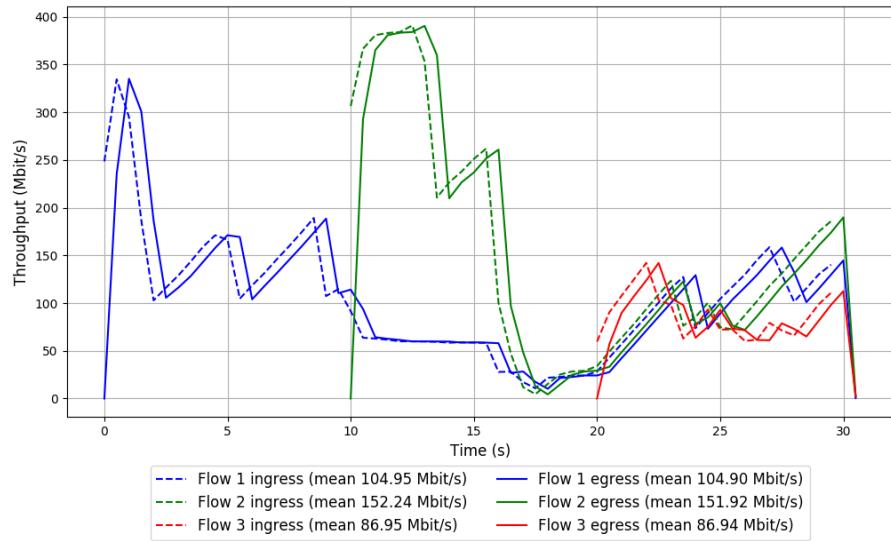


Run 9: Statistics of TCP Vegas

```
Start at: 2018-08-22 06:19:35
End at: 2018-08-22 06:20:05
Local clock offset: 0.027 ms
Remote clock offset: 4.544 ms

# Below is generated by plot.py at 2018-08-22 09:16:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 235.00 Mbit/s
95th percentile per-packet one-way delay: 19.574 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 104.90 Mbit/s
95th percentile per-packet one-way delay: 19.697 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 151.92 Mbit/s
95th percentile per-packet one-way delay: 19.522 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 86.94 Mbit/s
95th percentile per-packet one-way delay: 18.168 ms
Loss rate: 0.01%
```

Run 9: Report of TCP Vegas — Data Link

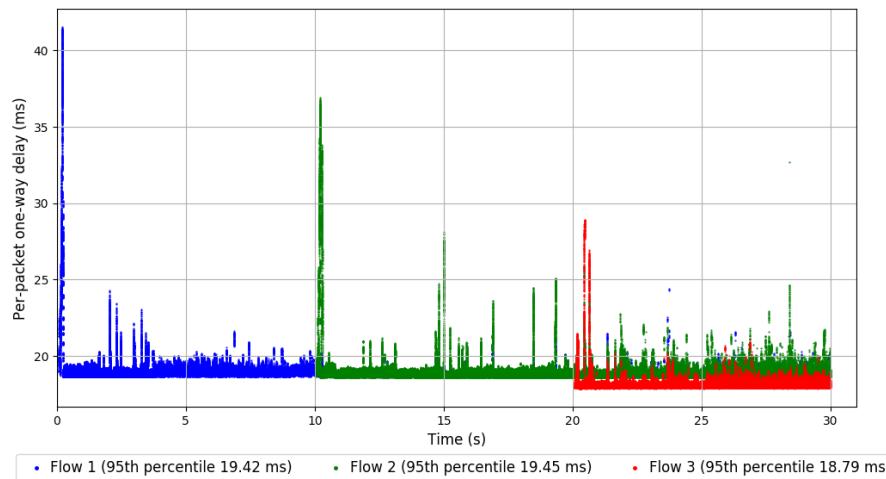
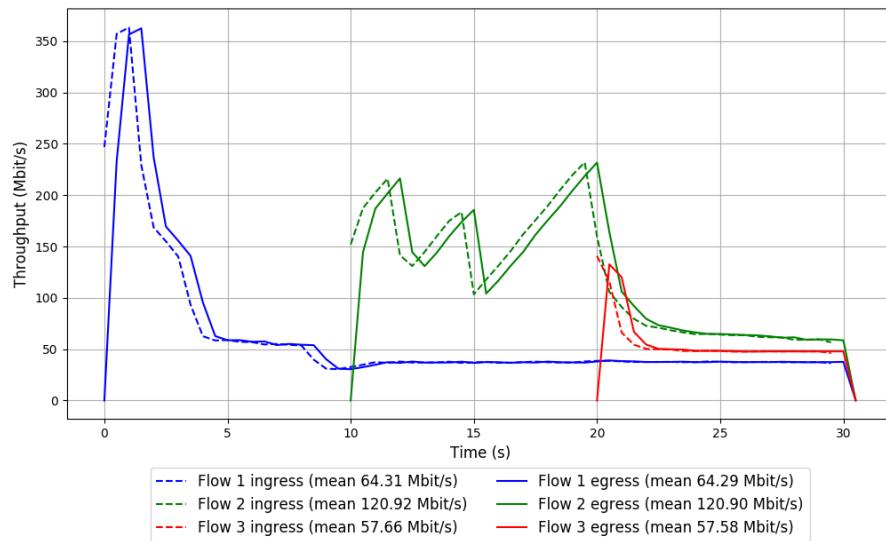


Run 10: Statistics of TCP Vegas

```
Start at: 2018-08-22 06:46:27
End at: 2018-08-22 06:46:57
Local clock offset: 0.851 ms
Remote clock offset: 6.351 ms

# Below is generated by plot.py at 2018-08-22 09:16:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 163.96 Mbit/s
95th percentile per-packet one-way delay: 19.405 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 64.29 Mbit/s
95th percentile per-packet one-way delay: 19.418 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 120.90 Mbit/s
95th percentile per-packet one-way delay: 19.452 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 57.58 Mbit/s
95th percentile per-packet one-way delay: 18.790 ms
Loss rate: 0.14%
```

Run 10: Report of TCP Vegas — Data Link

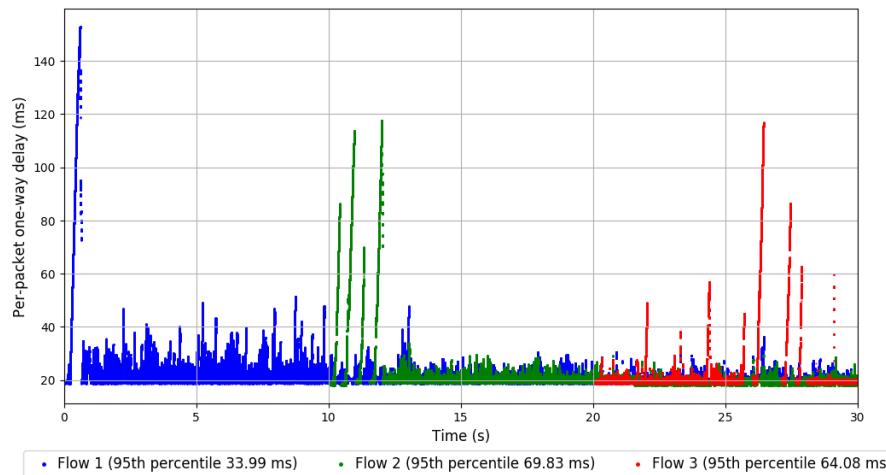
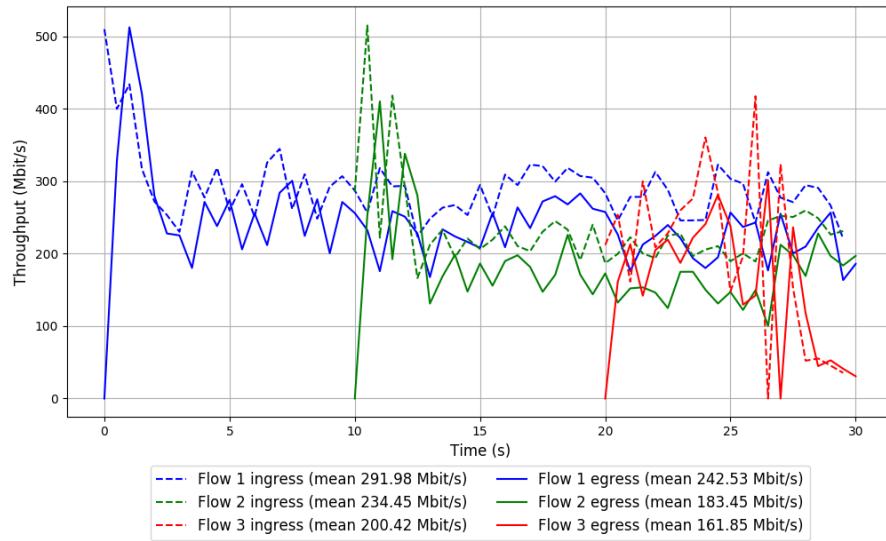


Run 1: Statistics of Verus

```
Start at: 2018-08-22 02:33:09
End at: 2018-08-22 02:33:39
Local clock offset: 1.217 ms
Remote clock offset: 0.093 ms

# Below is generated by plot.py at 2018-08-22 09:17:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 418.20 Mbit/s
95th percentile per-packet one-way delay: 51.634 ms
Loss rate: 18.69%
-- Flow 1:
Average throughput: 242.53 Mbit/s
95th percentile per-packet one-way delay: 33.987 ms
Loss rate: 16.93%
-- Flow 2:
Average throughput: 183.45 Mbit/s
95th percentile per-packet one-way delay: 69.827 ms
Loss rate: 21.75%
-- Flow 3:
Average throughput: 161.85 Mbit/s
95th percentile per-packet one-way delay: 64.078 ms
Loss rate: 19.24%
```

Run 1: Report of Verus — Data Link

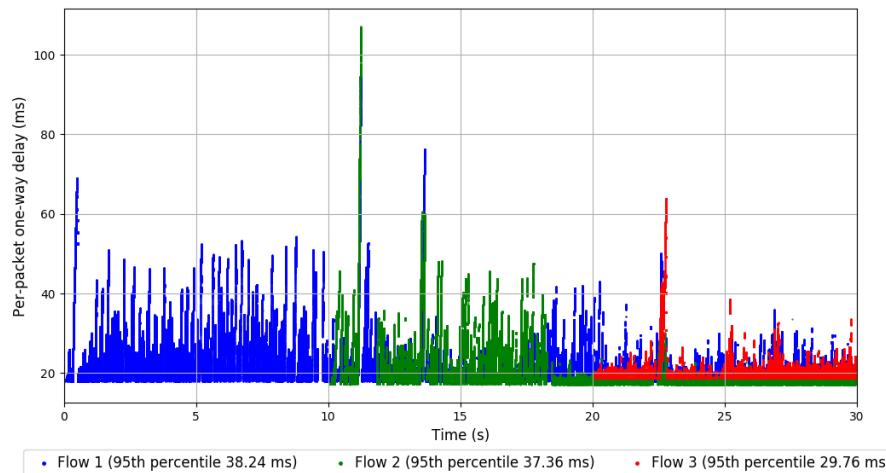
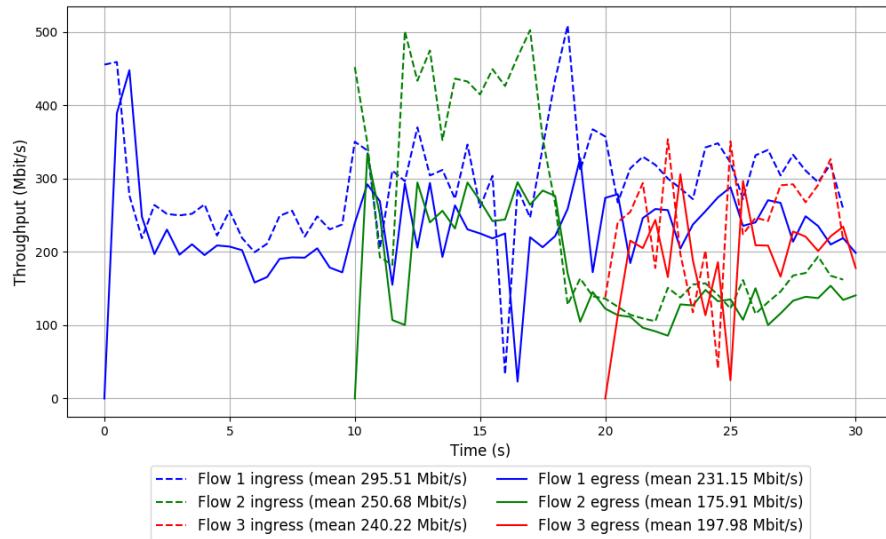


Run 2: Statistics of Verus

```
Start at: 2018-08-22 03:00:30
End at: 2018-08-22 03:01:00
Local clock offset: 1.755 ms
Remote clock offset: 1.447 ms

# Below is generated by plot.py at 2018-08-22 09:17:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 413.64 Mbit/s
95th percentile per-packet one-way delay: 37.392 ms
Loss rate: 23.64%
-- Flow 1:
Average throughput: 231.15 Mbit/s
95th percentile per-packet one-way delay: 38.240 ms
Loss rate: 21.77%
-- Flow 2:
Average throughput: 175.91 Mbit/s
95th percentile per-packet one-way delay: 37.359 ms
Loss rate: 29.83%
-- Flow 3:
Average throughput: 197.98 Mbit/s
95th percentile per-packet one-way delay: 29.763 ms
Loss rate: 17.60%
```

## Run 2: Report of Verus — Data Link

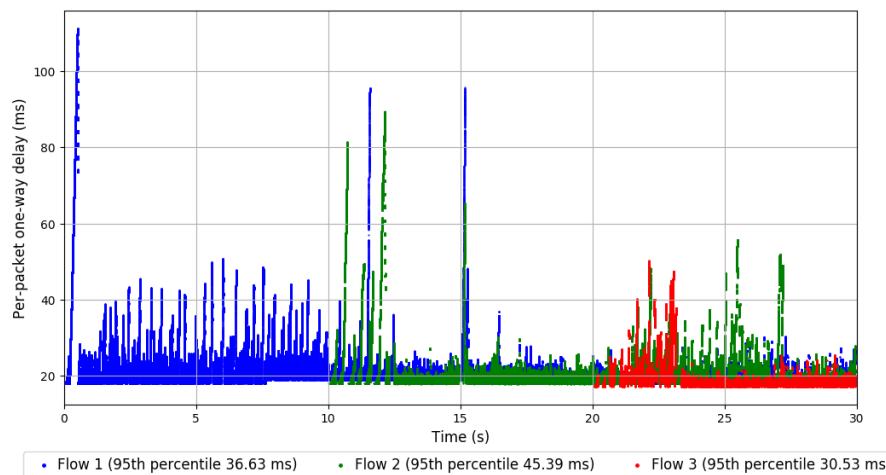
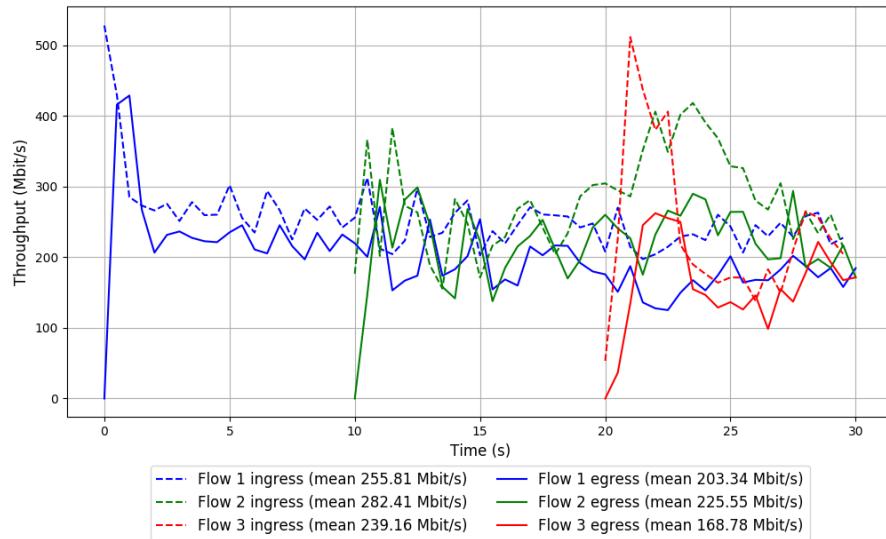


Run 3: Statistics of Verus

```
Start at: 2018-08-22 03:27:54
End at: 2018-08-22 03:28:24
Local clock offset: 0.787 ms
Remote clock offset: 4.771 ms

# Below is generated by plot.py at 2018-08-22 09:17:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 409.17 Mbit/s
95th percentile per-packet one-way delay: 38.436 ms
Loss rate: 21.72%
-- Flow 1:
Average throughput: 203.34 Mbit/s
95th percentile per-packet one-way delay: 36.626 ms
Loss rate: 20.51%
-- Flow 2:
Average throughput: 225.55 Mbit/s
95th percentile per-packet one-way delay: 45.387 ms
Loss rate: 20.13%
-- Flow 3:
Average throughput: 168.78 Mbit/s
95th percentile per-packet one-way delay: 30.534 ms
Loss rate: 29.41%
```

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

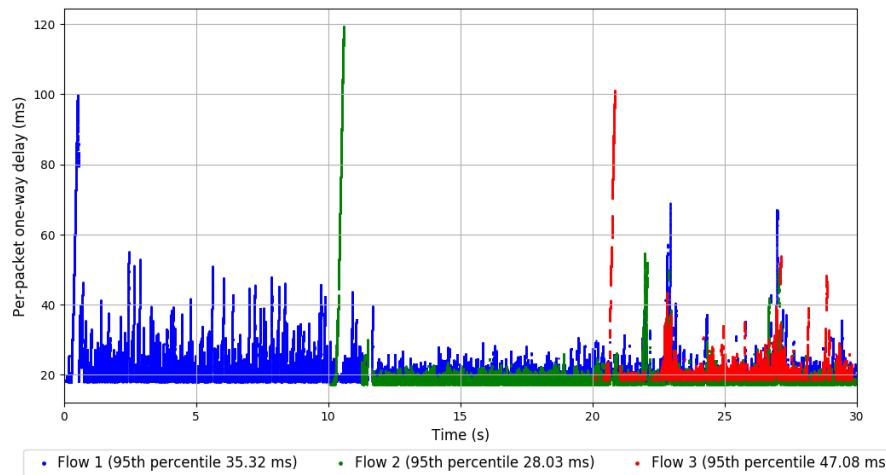
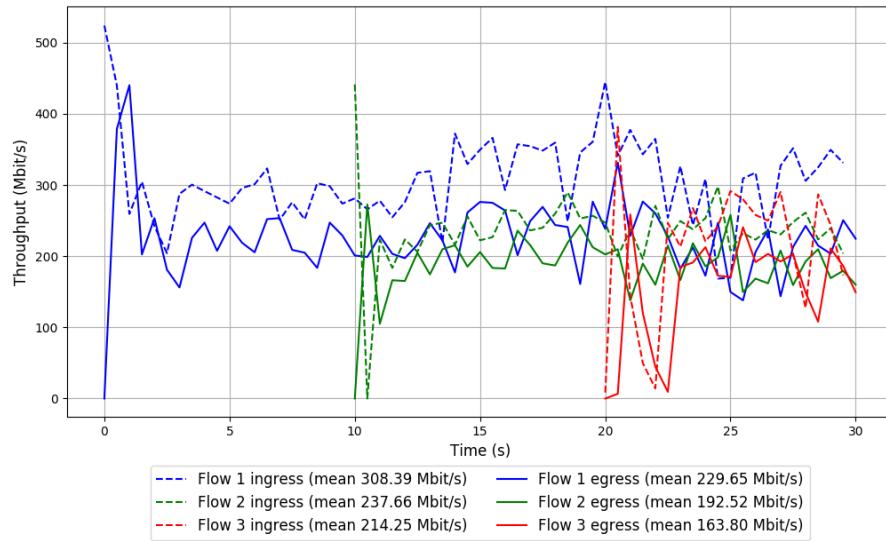


Run 4: Statistics of Verus

```
Start at: 2018-08-22 03:55:11
End at: 2018-08-22 03:55:41
Local clock offset: -2.599 ms
Remote clock offset: 3.978 ms

# Below is generated by plot.py at 2018-08-22 09:19:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 411.39 Mbit/s
95th percentile per-packet one-way delay: 35.108 ms
Loss rate: 23.34%
-- Flow 1:
Average throughput: 229.65 Mbit/s
95th percentile per-packet one-way delay: 35.320 ms
Loss rate: 25.53%
-- Flow 2:
Average throughput: 192.52 Mbit/s
95th percentile per-packet one-way delay: 28.032 ms
Loss rate: 18.99%
-- Flow 3:
Average throughput: 163.80 Mbit/s
95th percentile per-packet one-way delay: 47.077 ms
Loss rate: 23.54%
```

Run 4: Report of Verus — Data Link

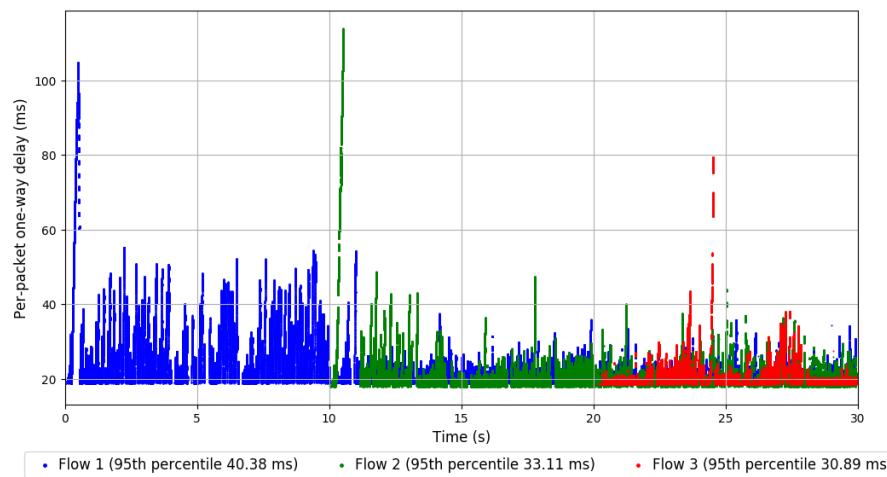
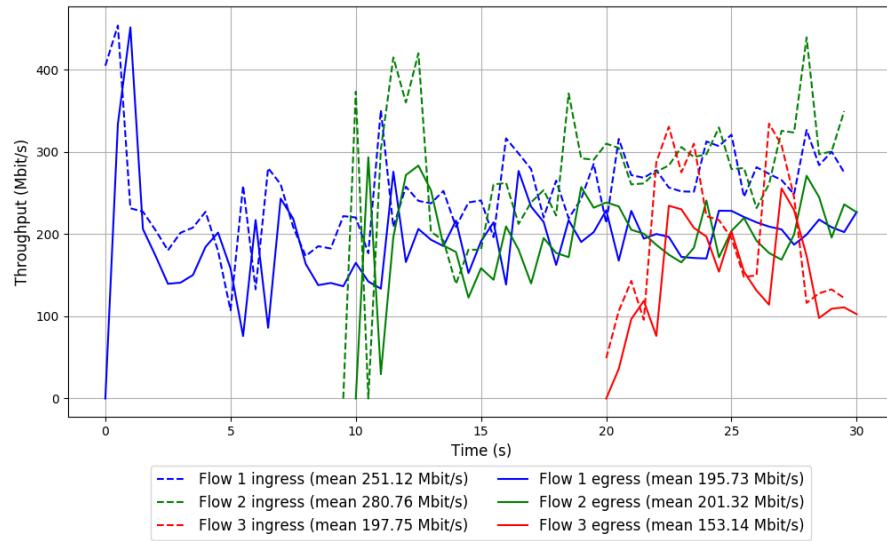


Run 5: Statistics of Verus

```
Start at: 2018-08-22 04:22:31
End at: 2018-08-22 04:23:01
Local clock offset: -2.876 ms
Remote clock offset: 3.377 ms

# Below is generated by plot.py at 2018-08-22 09:19:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 380.34 Mbit/s
95th percentile per-packet one-way delay: 36.587 ms
Loss rate: 24.43%
-- Flow 1:
Average throughput: 195.73 Mbit/s
95th percentile per-packet one-way delay: 40.378 ms
Loss rate: 22.06%
-- Flow 2:
Average throughput: 201.32 Mbit/s
95th percentile per-packet one-way delay: 33.109 ms
Loss rate: 28.28%
-- Flow 3:
Average throughput: 153.14 Mbit/s
95th percentile per-packet one-way delay: 30.886 ms
Loss rate: 22.55%
```

## Run 5: Report of Verus — Data Link

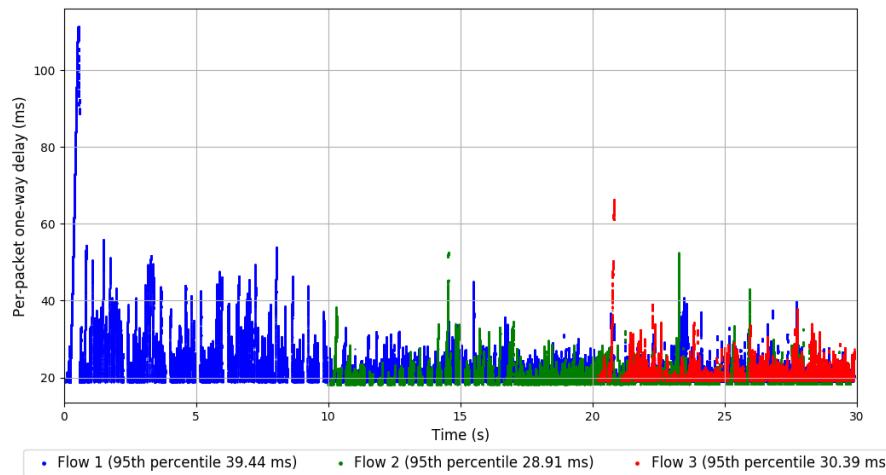
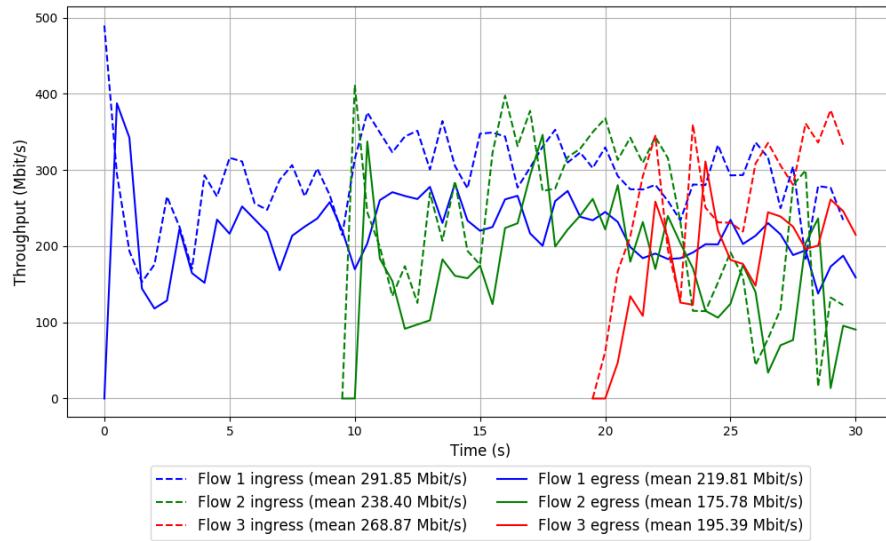


Run 6: Statistics of Verus

```
Start at: 2018-08-22 04:49:45
End at: 2018-08-22 04:50:15
Local clock offset: 0.055 ms
Remote clock offset: 0.685 ms

# Below is generated by plot.py at 2018-08-22 09:19:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 401.08 Mbit/s
95th percentile per-packet one-way delay: 33.403 ms
Loss rate: 25.58%
-- Flow 1:
Average throughput: 219.81 Mbit/s
95th percentile per-packet one-way delay: 39.444 ms
Loss rate: 24.68%
-- Flow 2:
Average throughput: 175.78 Mbit/s
95th percentile per-packet one-way delay: 28.909 ms
Loss rate: 26.26%
-- Flow 3:
Average throughput: 195.39 Mbit/s
95th percentile per-packet one-way delay: 30.394 ms
Loss rate: 27.32%
```

Run 6: Report of Verus — Data Link

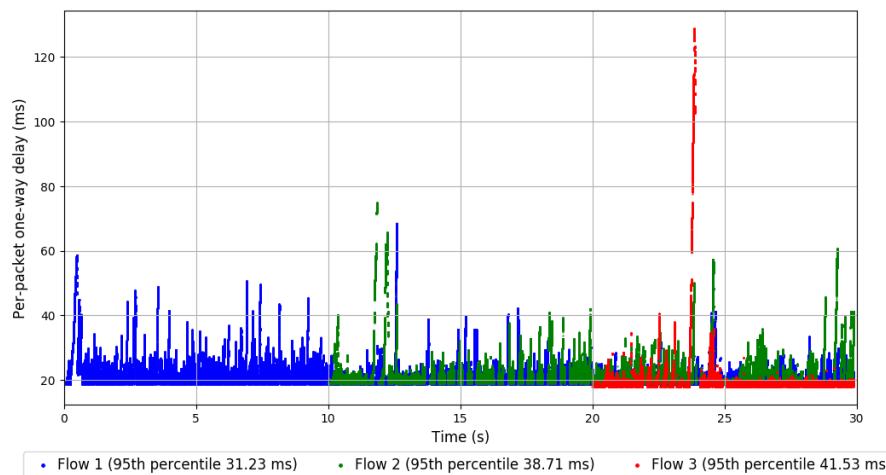
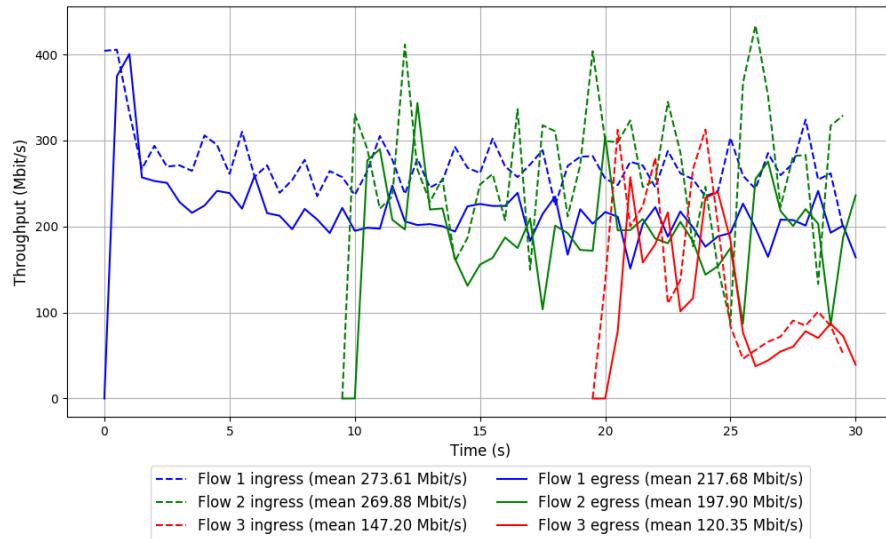


Run 7: Statistics of Verus

```
Start at: 2018-08-22 05:17:04
End at: 2018-08-22 05:17:34
Local clock offset: 0.996 ms
Remote clock offset: -2.043 ms

# Below is generated by plot.py at 2018-08-22 09:20:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 389.55 Mbit/s
95th percentile per-packet one-way delay: 35.347 ms
Loss rate: 22.42%
-- Flow 1:
Average throughput: 217.68 Mbit/s
95th percentile per-packet one-way delay: 31.226 ms
Loss rate: 20.43%
-- Flow 2:
Average throughput: 197.90 Mbit/s
95th percentile per-packet one-way delay: 38.706 ms
Loss rate: 26.59%
-- Flow 3:
Average throughput: 120.35 Mbit/s
95th percentile per-packet one-way delay: 41.527 ms
Loss rate: 18.23%
```

Run 7: Report of Verus — Data Link

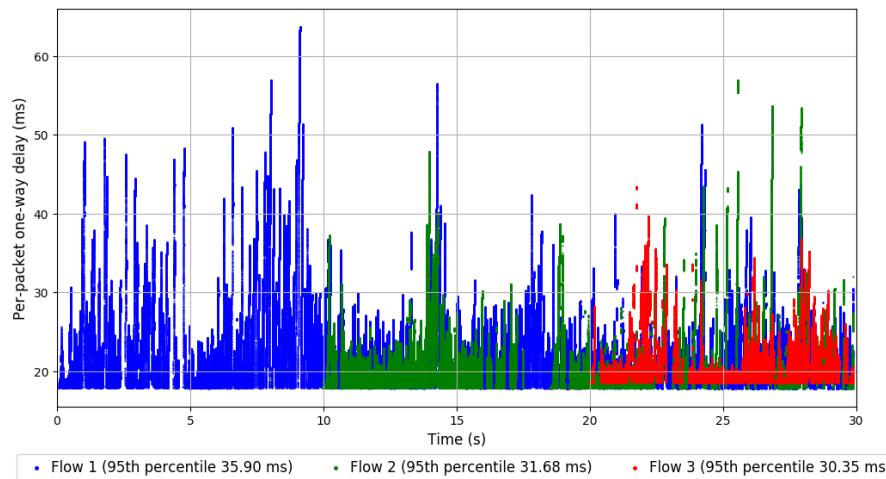
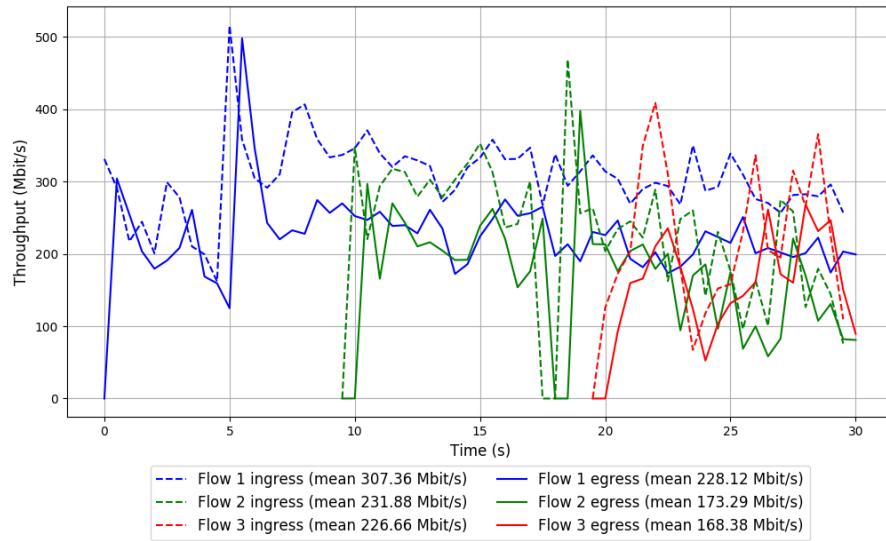


Run 8: Statistics of Verus

```
Start at: 2018-08-22 05:44:14
End at: 2018-08-22 05:44:44
Local clock offset: -0.989 ms
Remote clock offset: -3.624 ms

# Below is generated by plot.py at 2018-08-22 09:21:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 399.72 Mbit/s
95th percentile per-packet one-way delay: 33.771 ms
Loss rate: 25.60%
-- Flow 1:
Average throughput: 228.12 Mbit/s
95th percentile per-packet one-way delay: 35.903 ms
Loss rate: 25.75%
-- Flow 2:
Average throughput: 173.29 Mbit/s
95th percentile per-packet one-way delay: 31.676 ms
Loss rate: 25.26%
-- Flow 3:
Average throughput: 168.38 Mbit/s
95th percentile per-packet one-way delay: 30.349 ms
Loss rate: 25.71%
```

Run 8: Report of Verus — Data Link

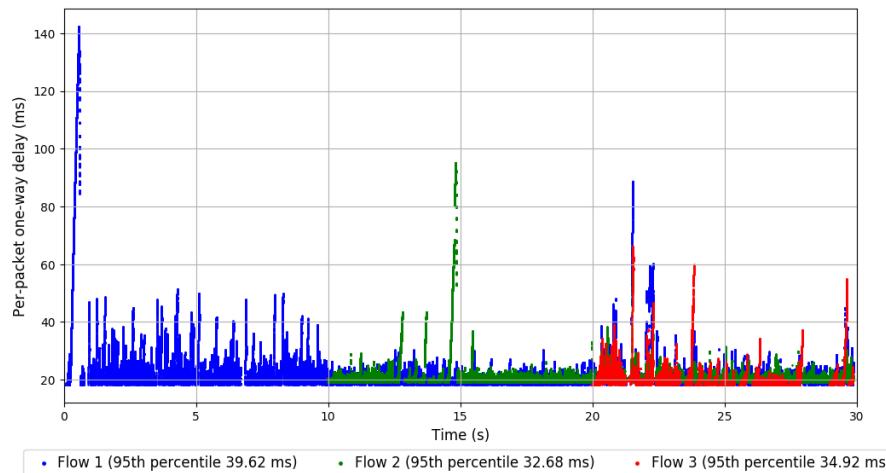
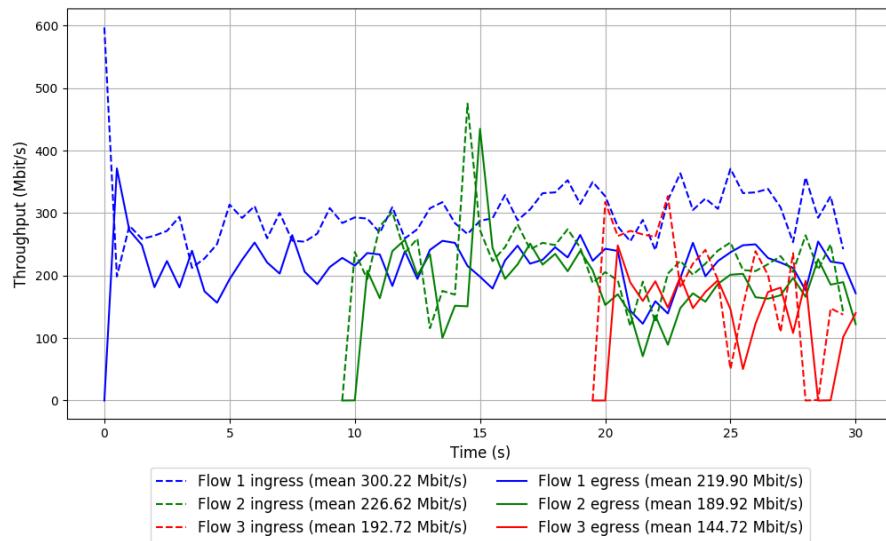


Run 9: Statistics of Verus

```
Start at: 2018-08-22 06:11:16
End at: 2018-08-22 06:11:46
Local clock offset: -1.79 ms
Remote clock offset: 3.669 ms

# Below is generated by plot.py at 2018-08-22 09:22:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 394.61 Mbit/s
95th percentile per-packet one-way delay: 36.260 ms
Loss rate: 23.42%
-- Flow 1:
Average throughput: 219.90 Mbit/s
95th percentile per-packet one-way delay: 39.618 ms
Loss rate: 26.75%
-- Flow 2:
Average throughput: 189.92 Mbit/s
95th percentile per-packet one-way delay: 32.678 ms
Loss rate: 16.19%
-- Flow 3:
Average throughput: 144.72 Mbit/s
95th percentile per-packet one-way delay: 34.919 ms
Loss rate: 24.87%
```

## Run 9: Report of Verus — Data Link

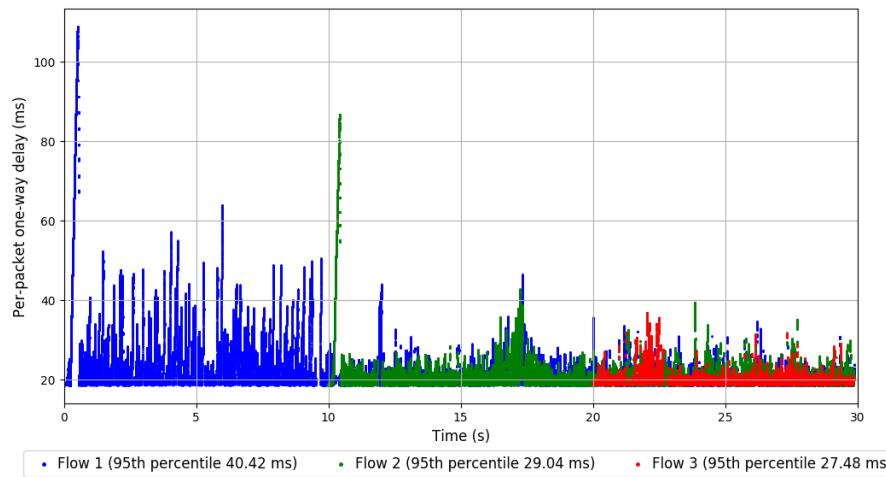
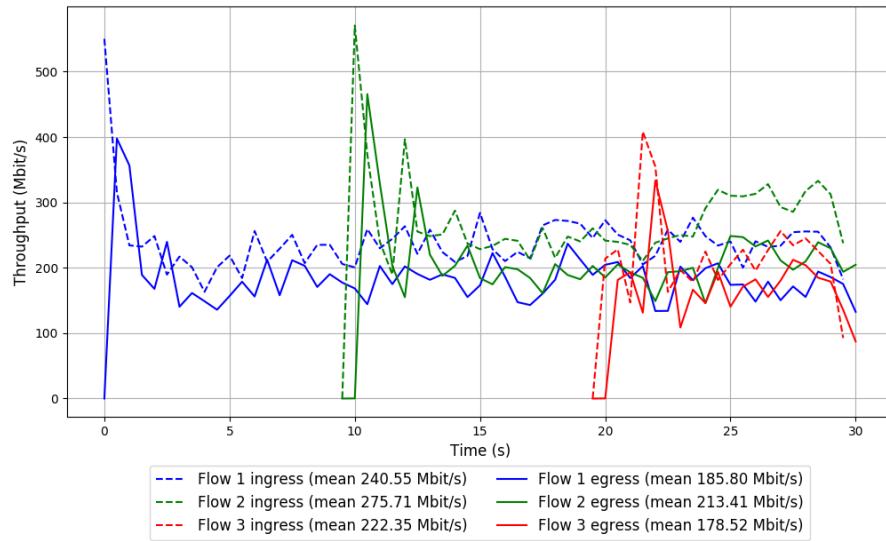


Run 10: Statistics of Verus

```
Start at: 2018-08-22 06:38:03
End at: 2018-08-22 06:38:33
Local clock offset: 1.172 ms
Remote clock offset: 5.793 ms

# Below is generated by plot.py at 2018-08-22 09:22:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 387.57 Mbit/s
95th percentile per-packet one-way delay: 34.278 ms
Loss rate: 22.24%
-- Flow 1:
Average throughput: 185.80 Mbit/s
95th percentile per-packet one-way delay: 40.421 ms
Loss rate: 22.75%
-- Flow 2:
Average throughput: 213.41 Mbit/s
95th percentile per-packet one-way delay: 29.035 ms
Loss rate: 22.59%
-- Flow 3:
Average throughput: 178.52 Mbit/s
95th percentile per-packet one-way delay: 27.482 ms
Loss rate: 19.70%
```

## Run 10: Report of Verus — Data Link

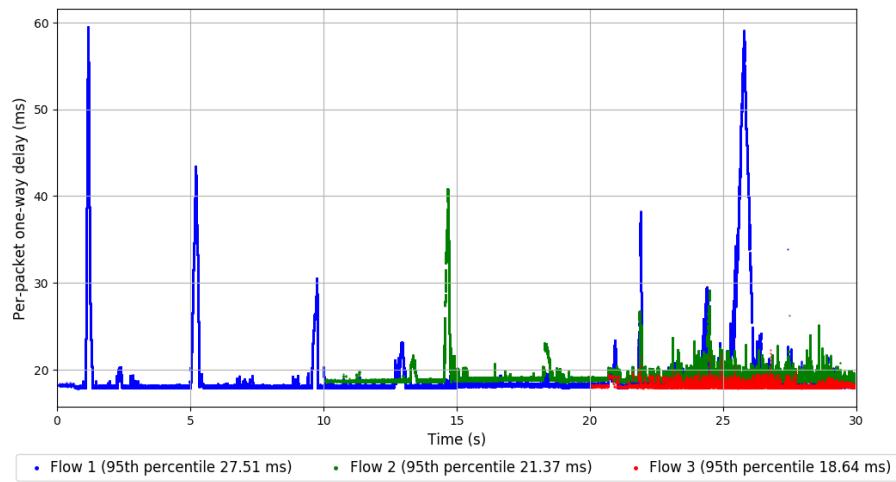
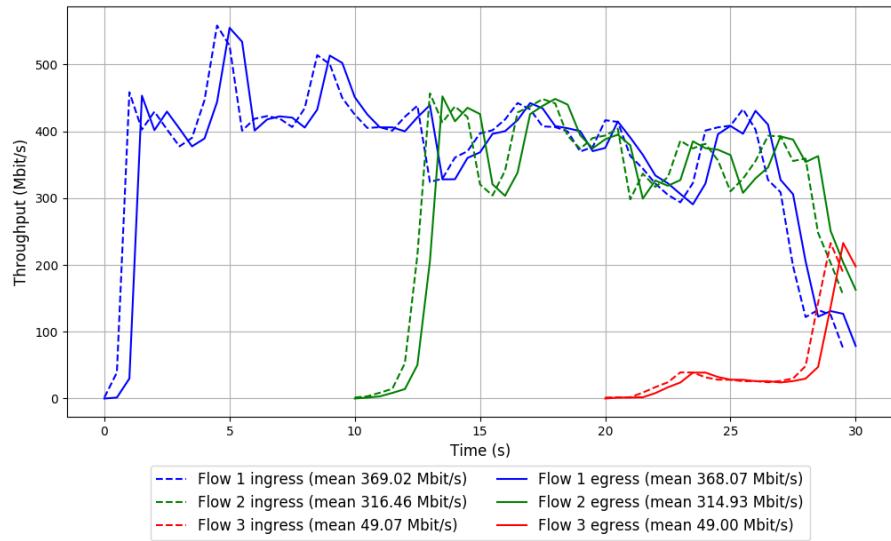


```
Run 1: Statistics of PCC-Vivace
```

```
Start at: 2018-08-22 02:29:38
End at: 2018-08-22 02:30:08
Local clock offset: 1.059 ms
Remote clock offset: 0.009 ms

# Below is generated by plot.py at 2018-08-22 09:24:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 593.74 Mbit/s
95th percentile per-packet one-way delay: 23.708 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 368.07 Mbit/s
95th percentile per-packet one-way delay: 27.508 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 314.93 Mbit/s
95th percentile per-packet one-way delay: 21.369 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 49.00 Mbit/s
95th percentile per-packet one-way delay: 18.644 ms
Loss rate: 0.14%
```

Run 1: Report of PCC-Vivace — Data Link

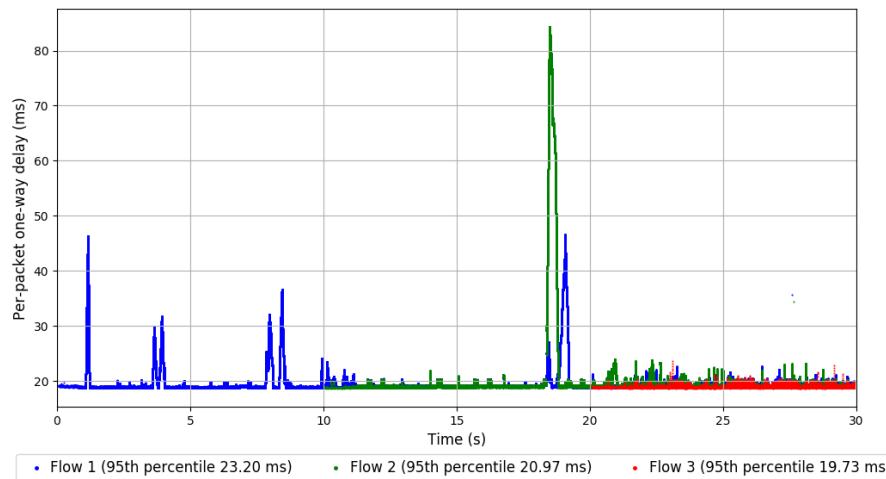
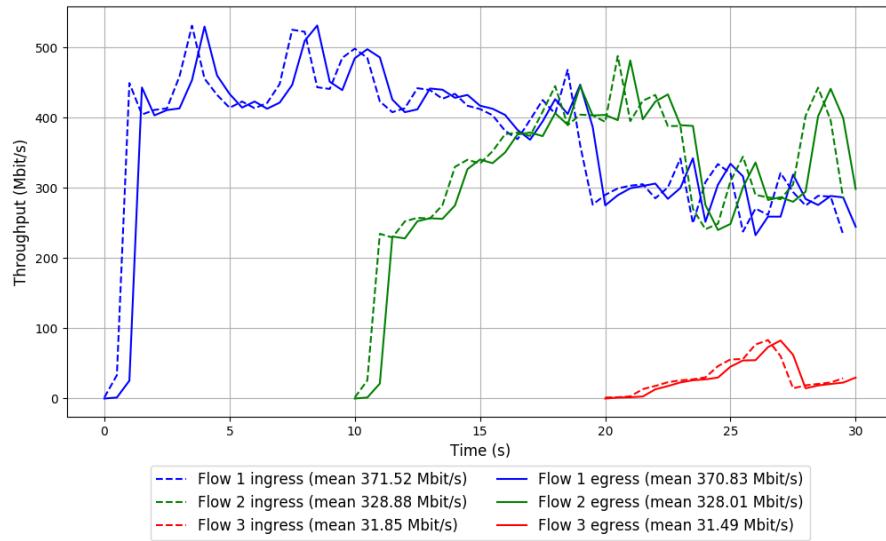


Run 2: Statistics of PCC-Vivace

```
Start at: 2018-08-22 02:56:58
End at: 2018-08-22 02:57:28
Local clock offset: 1.73 ms
Remote clock offset: 0.798 ms

# Below is generated by plot.py at 2018-08-22 09:26:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 599.37 Mbit/s
95th percentile per-packet one-way delay: 22.172 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 370.83 Mbit/s
95th percentile per-packet one-way delay: 23.198 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 328.01 Mbit/s
95th percentile per-packet one-way delay: 20.966 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 31.49 Mbit/s
95th percentile per-packet one-way delay: 19.727 ms
Loss rate: 1.13%
```

Run 2: Report of PCC-Vivace — Data Link

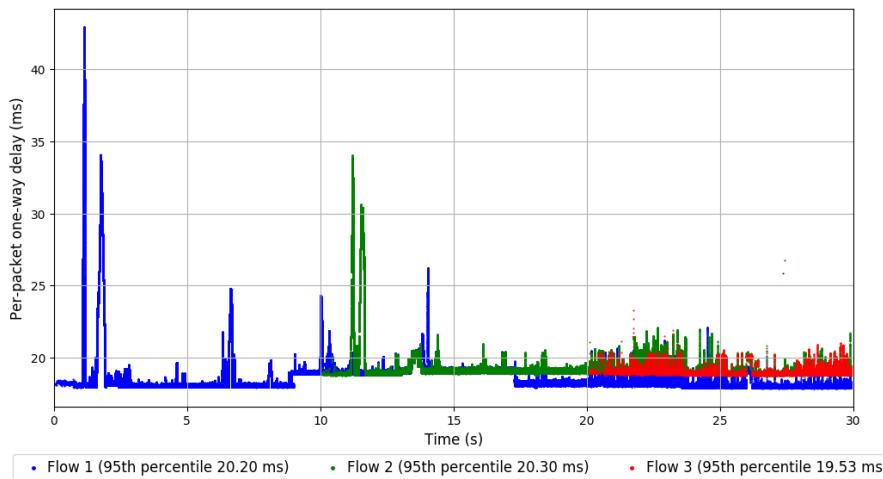
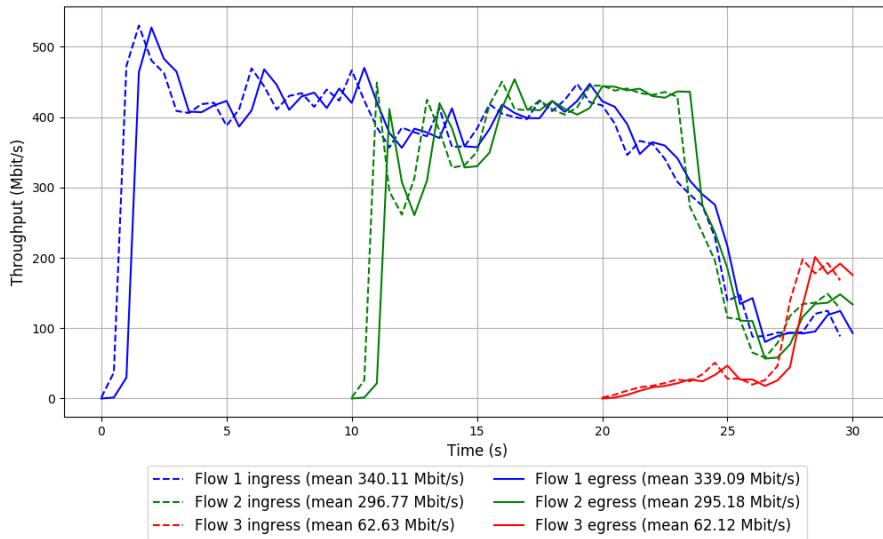


Run 3: Statistics of PCC-Vivace

```
Start at: 2018-08-22 03:24:24
End at: 2018-08-22 03:24:54
Local clock offset: 0.92 ms
Remote clock offset: 4.564 ms

# Below is generated by plot.py at 2018-08-22 09:26:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 555.92 Mbit/s
95th percentile per-packet one-way delay: 20.245 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 339.09 Mbit/s
95th percentile per-packet one-way delay: 20.196 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 295.18 Mbit/s
95th percentile per-packet one-way delay: 20.296 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 62.12 Mbit/s
95th percentile per-packet one-way delay: 19.530 ms
Loss rate: 0.81%
```

Run 3: Report of PCC-Vivace — Data Link

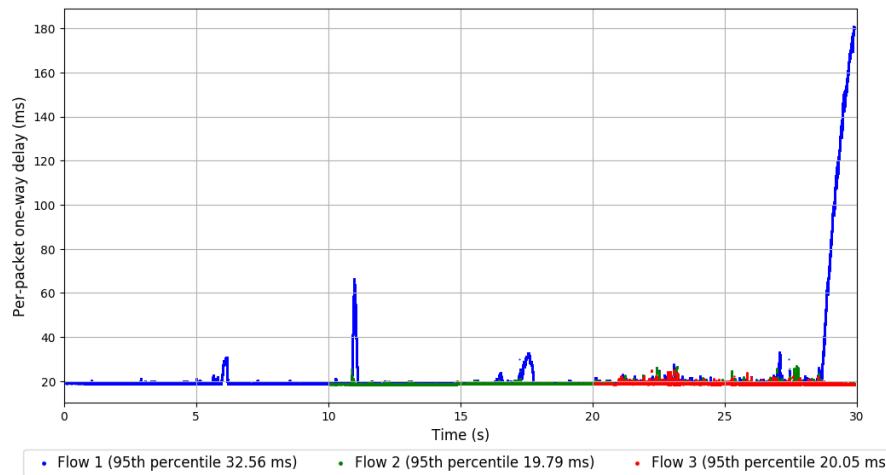
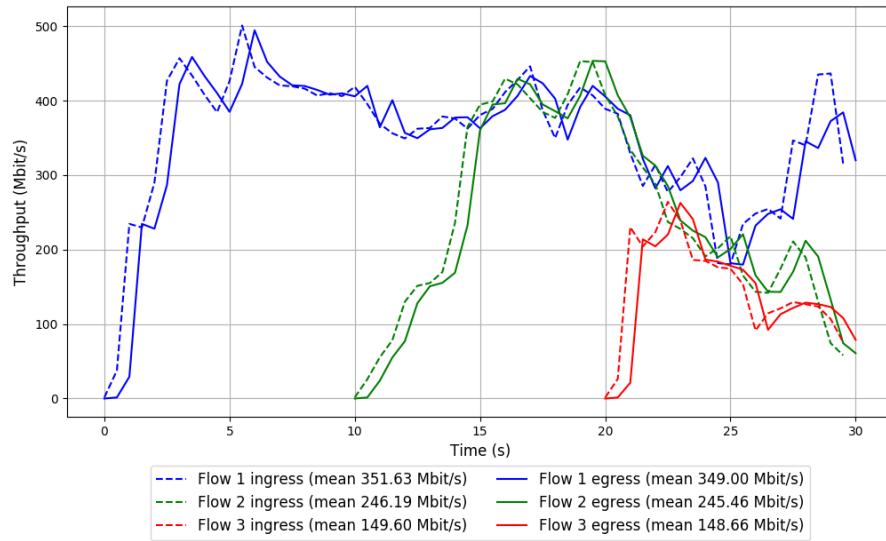


Run 4: Statistics of PCC-Vivace

```
Start at: 2018-08-22 03:51:41
End at: 2018-08-22 03:52:11
Local clock offset: -2.28 ms
Remote clock offset: 3.914 ms

# Below is generated by plot.py at 2018-08-22 09:26:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 561.31 Mbit/s
95th percentile per-packet one-way delay: 24.285 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 349.00 Mbit/s
95th percentile per-packet one-way delay: 32.556 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 245.46 Mbit/s
95th percentile per-packet one-way delay: 19.786 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 148.66 Mbit/s
95th percentile per-packet one-way delay: 20.054 ms
Loss rate: 0.63%
```

Run 4: Report of PCC-Vivace — Data Link

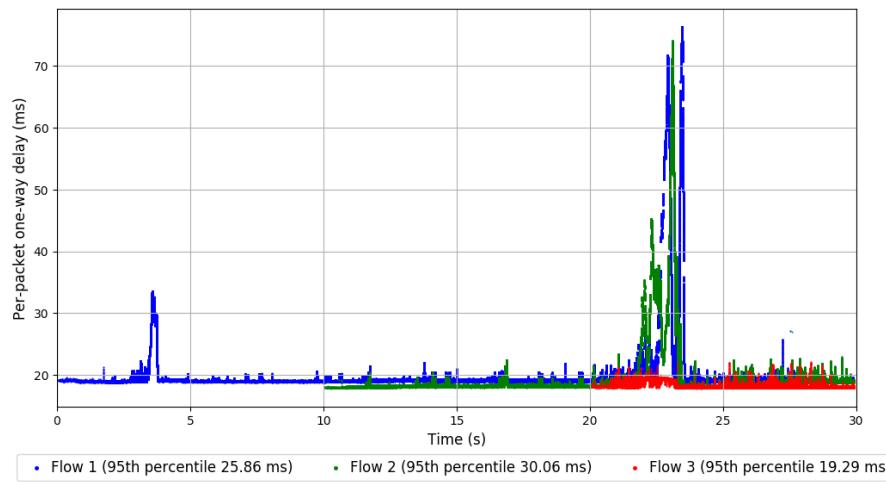
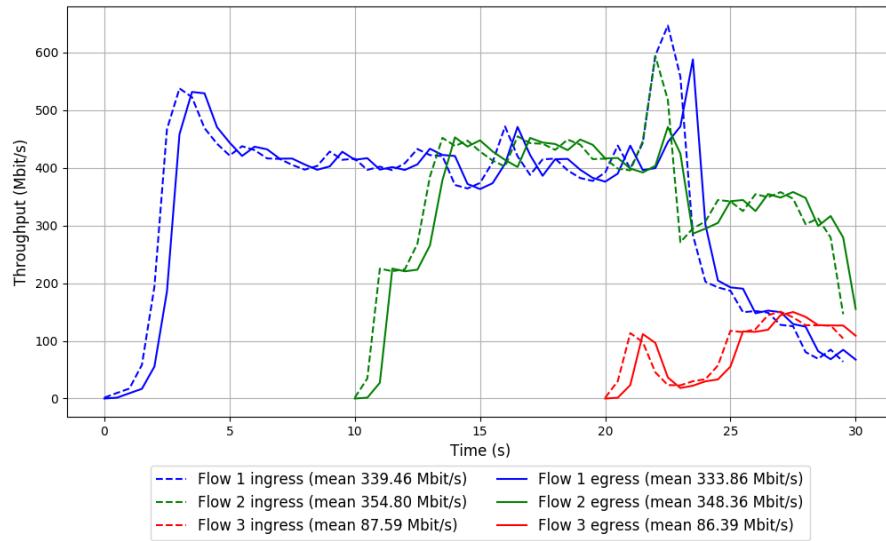


Run 5: Statistics of PCC-Vivace

```
Start at: 2018-08-22 04:19:00
End at: 2018-08-22 04:19:31
Local clock offset: -2.856 ms
Remote clock offset: 3.399 ms

# Below is generated by plot.py at 2018-08-22 09:28:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 594.09 Mbit/s
95th percentile per-packet one-way delay: 27.505 ms
Loss rate: 1.70%
-- Flow 1:
Average throughput: 333.86 Mbit/s
95th percentile per-packet one-way delay: 25.861 ms
Loss rate: 1.65%
-- Flow 2:
Average throughput: 348.36 Mbit/s
95th percentile per-packet one-way delay: 30.061 ms
Loss rate: 1.81%
-- Flow 3:
Average throughput: 86.39 Mbit/s
95th percentile per-packet one-way delay: 19.290 ms
Loss rate: 1.37%
```

Run 5: Report of PCC-Vivace — Data Link

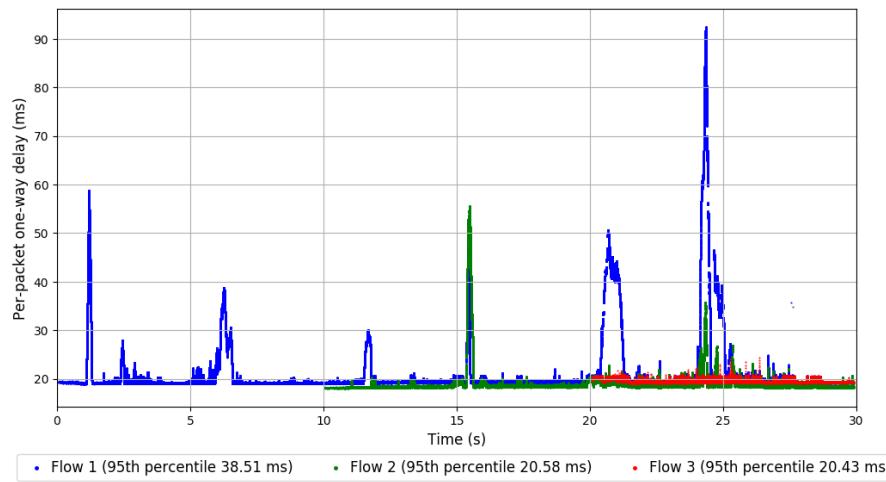
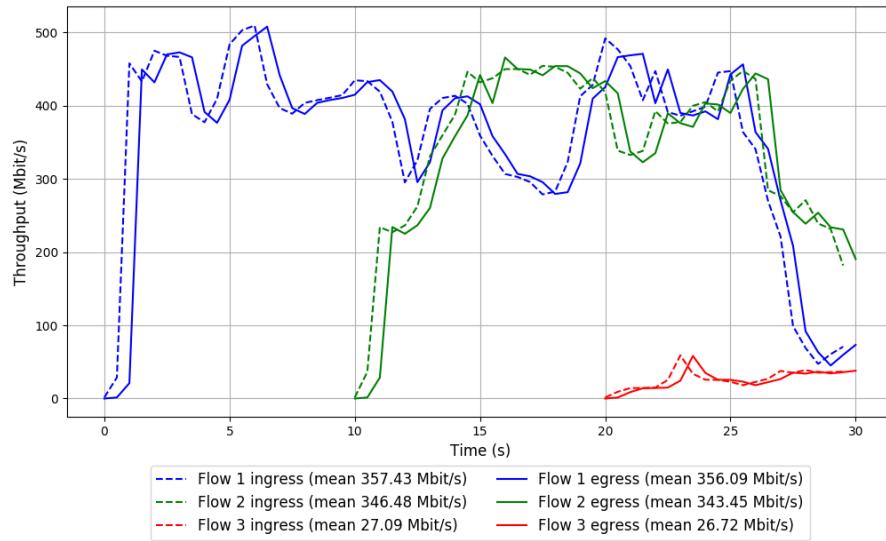


Run 6: Statistics of PCC-Vivace

```
Start at: 2018-08-22 04:46:14
End at: 2018-08-22 04:46:44
Local clock offset: -0.489 ms
Remote clock offset: 1.407 ms

# Below is generated by plot.py at 2018-08-22 09:28:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 593.36 Mbit/s
95th percentile per-packet one-way delay: 32.876 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 356.09 Mbit/s
95th percentile per-packet one-way delay: 38.508 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 343.45 Mbit/s
95th percentile per-packet one-way delay: 20.579 ms
Loss rate: 0.87%
-- Flow 3:
Average throughput: 26.72 Mbit/s
95th percentile per-packet one-way delay: 20.431 ms
Loss rate: 1.38%
```

Run 6: Report of PCC-Vivace — Data Link

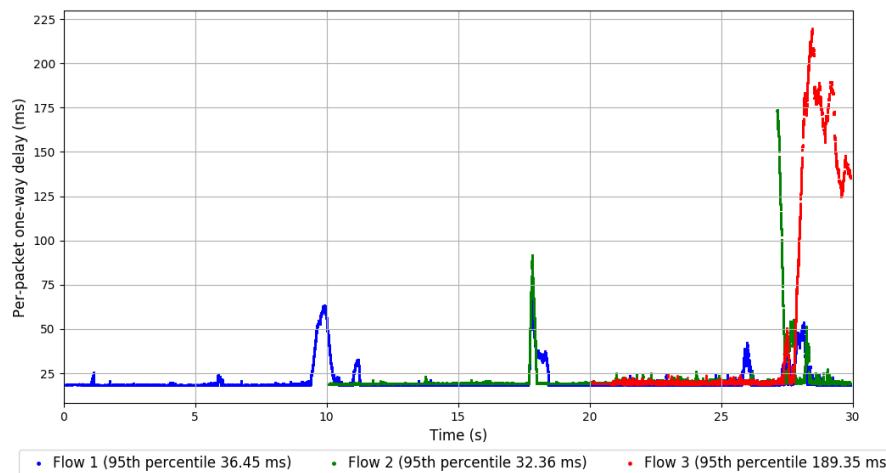
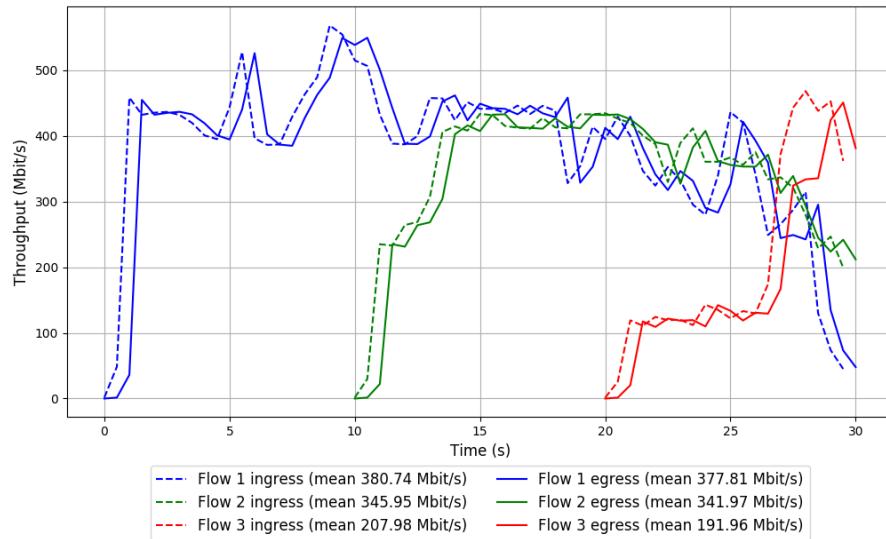


Run 7: Statistics of PCC-Vivace

```
Start at: 2018-08-22 05:13:29
End at: 2018-08-22 05:13:59
Local clock offset: 0.974 ms
Remote clock offset: -1.789 ms

# Below is generated by plot.py at 2018-08-22 09:29:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 668.62 Mbit/s
95th percentile per-packet one-way delay: 64.819 ms
Loss rate: 1.60%
-- Flow 1:
Average throughput: 377.81 Mbit/s
95th percentile per-packet one-way delay: 36.454 ms
Loss rate: 0.77%
-- Flow 2:
Average throughput: 341.97 Mbit/s
95th percentile per-packet one-way delay: 32.364 ms
Loss rate: 1.15%
-- Flow 3:
Average throughput: 191.96 Mbit/s
95th percentile per-packet one-way delay: 189.350 ms
Loss rate: 7.71%
```

Run 7: Report of PCC-Vivace — Data Link

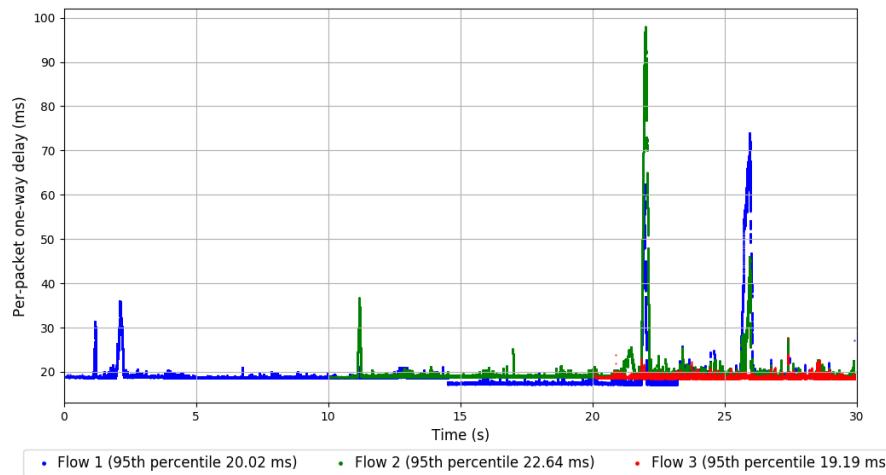
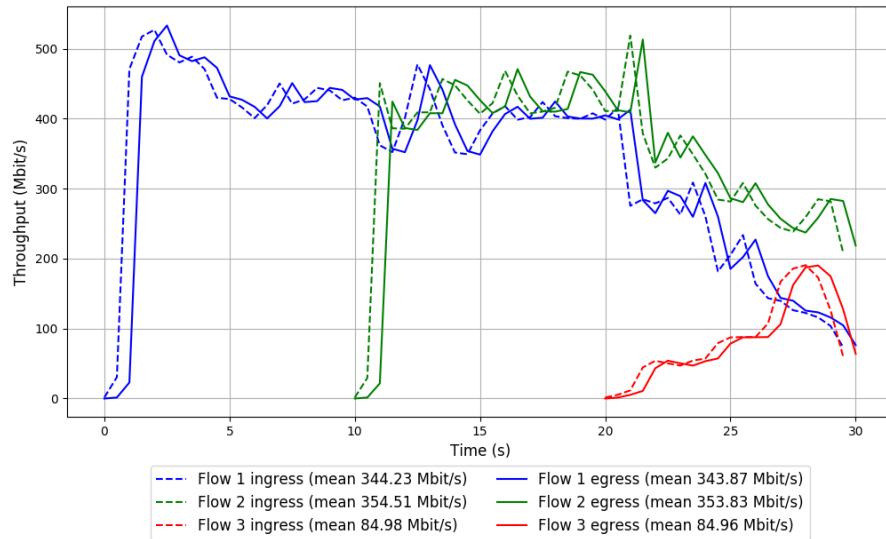


Run 8: Statistics of PCC-Vivace

```
Start at: 2018-08-22 05:40:42
End at: 2018-08-22 05:41:12
Local clock offset: -0.201 ms
Remote clock offset: -3.483 ms

# Below is generated by plot.py at 2018-08-22 09:29:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 607.17 Mbit/s
95th percentile per-packet one-way delay: 20.871 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 343.87 Mbit/s
95th percentile per-packet one-way delay: 20.017 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 353.83 Mbit/s
95th percentile per-packet one-way delay: 22.636 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 84.96 Mbit/s
95th percentile per-packet one-way delay: 19.190 ms
Loss rate: 0.05%
```

Run 8: Report of PCC-Vivace — Data Link

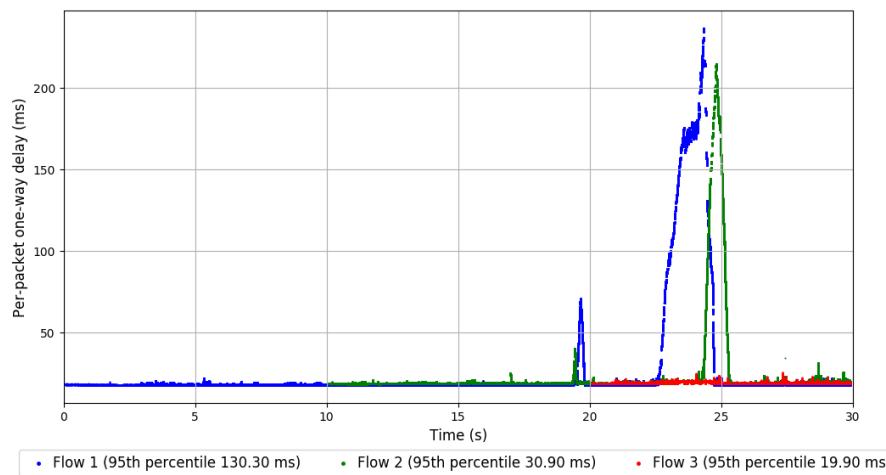
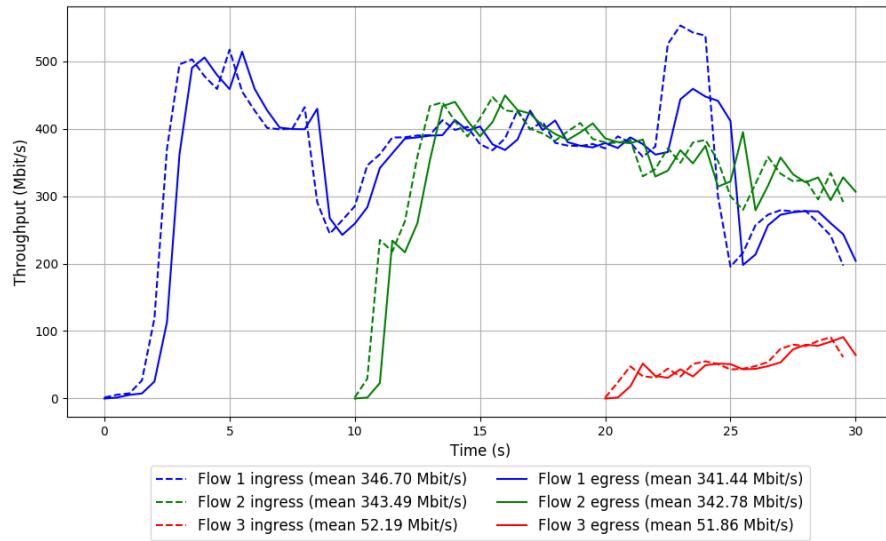


Run 9: Statistics of PCC-Vivace

```
Start at: 2018-08-22 06:07:49
End at: 2018-08-22 06:08:19
Local clock offset: -3.042 ms
Remote clock offset: 3.283 ms

# Below is generated by plot.py at 2018-08-22 09:30:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 586.47 Mbit/s
95th percentile per-packet one-way delay: 104.121 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 341.44 Mbit/s
95th percentile per-packet one-way delay: 130.297 ms
Loss rate: 1.52%
-- Flow 2:
Average throughput: 342.78 Mbit/s
95th percentile per-packet one-way delay: 30.897 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 51.86 Mbit/s
95th percentile per-packet one-way delay: 19.904 ms
Loss rate: 0.64%
```

Run 9: Report of PCC-Vivace — Data Link

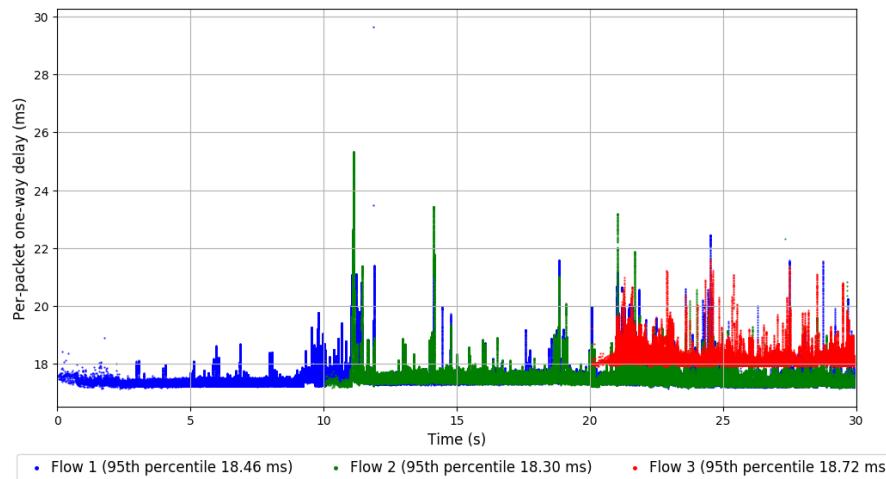
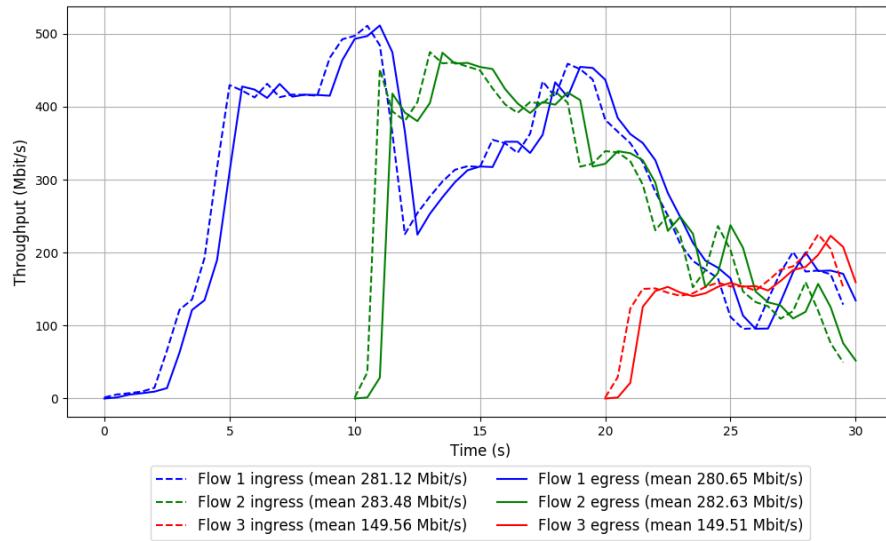


Run 10: Statistics of PCC-Vivace

```
Start at: 2018-08-22 06:34:36
End at: 2018-08-22 06:35:06
Local clock offset: 1.203 ms
Remote clock offset: 5.588 ms

# Below is generated by plot.py at 2018-08-22 09:30:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 518.01 Mbit/s
95th percentile per-packet one-way delay: 18.475 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 280.65 Mbit/s
95th percentile per-packet one-way delay: 18.462 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 282.63 Mbit/s
95th percentile per-packet one-way delay: 18.302 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 149.51 Mbit/s
95th percentile per-packet one-way delay: 18.722 ms
Loss rate: 0.04%
```

Run 10: Report of PCC-Vivace — Data Link

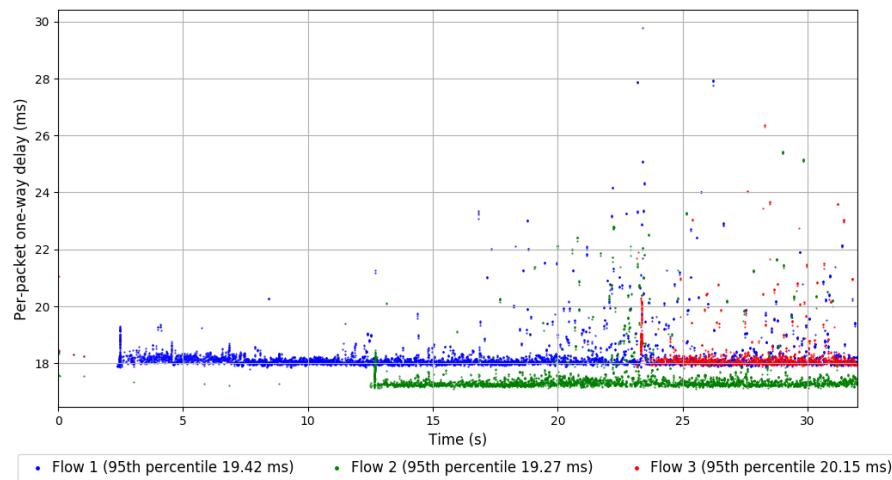
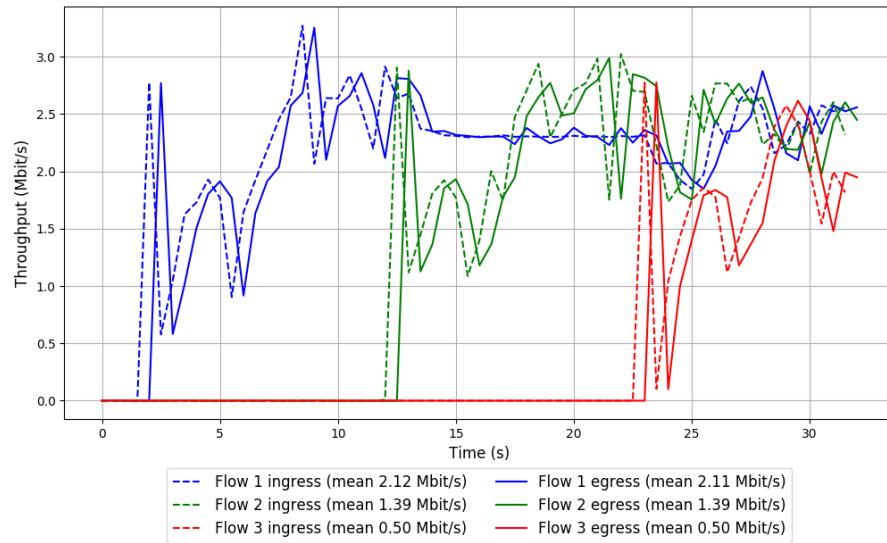


```
Run 1: Statistics of WebRTC media

Start at: 2018-08-22 02:52:48
End at: 2018-08-22 02:53:18
Local clock offset: 1.663 ms
Remote clock offset: 0.65 ms

# Below is generated by plot.py at 2018-08-22 09:30:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.00 Mbit/s
95th percentile per-packet one-way delay: 19.510 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 2.11 Mbit/s
95th percentile per-packet one-way delay: 19.424 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 1.39 Mbit/s
95th percentile per-packet one-way delay: 19.272 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 20.150 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

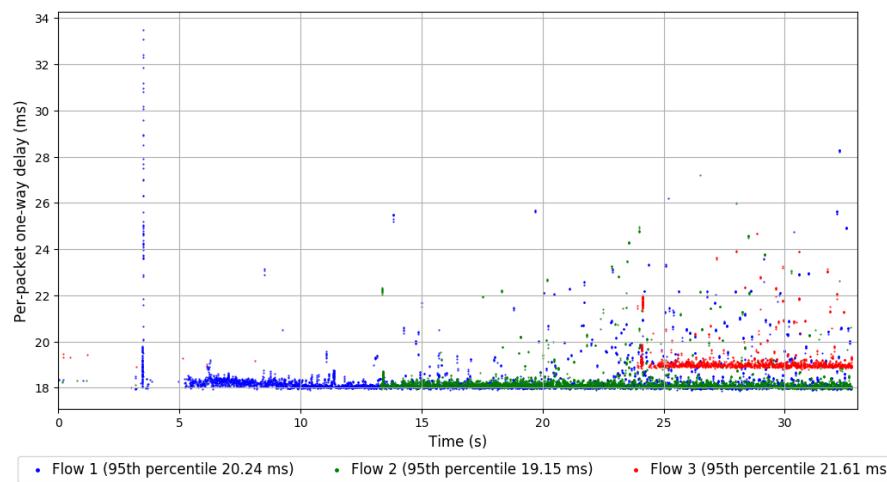
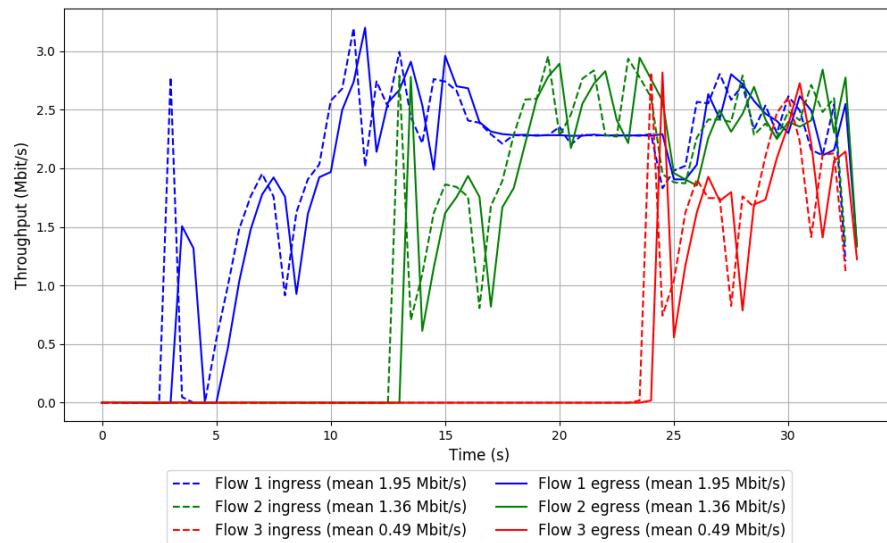


Run 2: Statistics of WebRTC media

```
Start at: 2018-08-22 03:20:13
End at: 2018-08-22 03:20:43
Local clock offset: 0.906 ms
Remote clock offset: 4.152 ms

# Below is generated by plot.py at 2018-08-22 09:30:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.79 Mbit/s
95th percentile per-packet one-way delay: 20.115 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.95 Mbit/s
95th percentile per-packet one-way delay: 20.236 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.36 Mbit/s
95th percentile per-packet one-way delay: 19.150 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 21.609 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

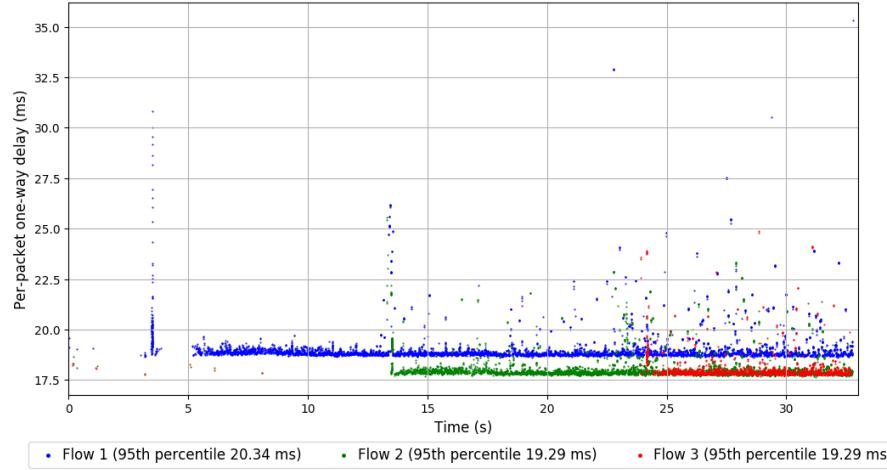
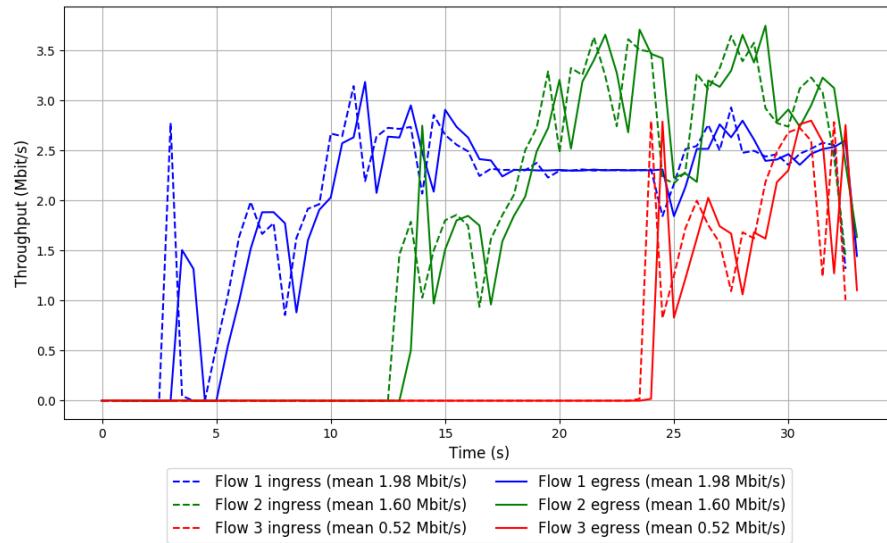


```
Run 3: Statistics of WebRTC media

Start at: 2018-08-22 03:47:28
End at: 2018-08-22 03:47:58
Local clock offset: -1.712 ms
Remote clock offset: 3.822 ms

# Below is generated by plot.py at 2018-08-22 09:30:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.09 Mbit/s
95th percentile per-packet one-way delay: 19.905 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 1.98 Mbit/s
95th percentile per-packet one-way delay: 20.335 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.60 Mbit/s
95th percentile per-packet one-way delay: 19.289 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 0.52 Mbit/s
95th percentile per-packet one-way delay: 19.285 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

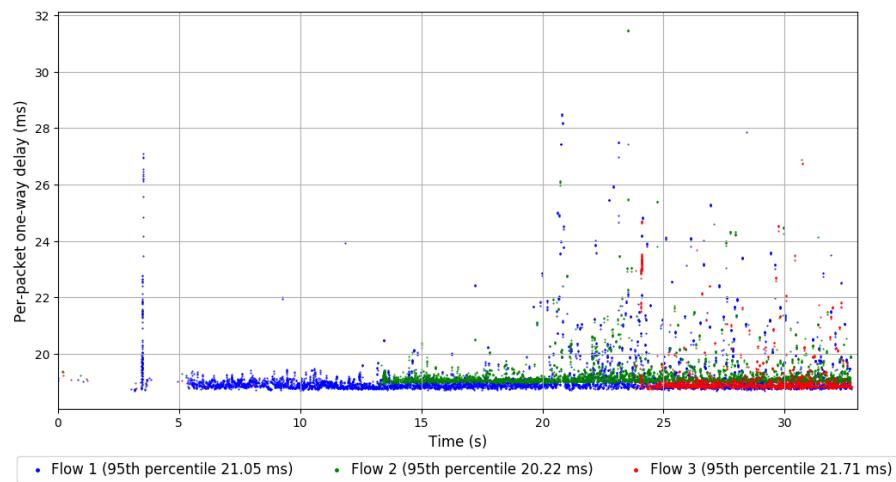
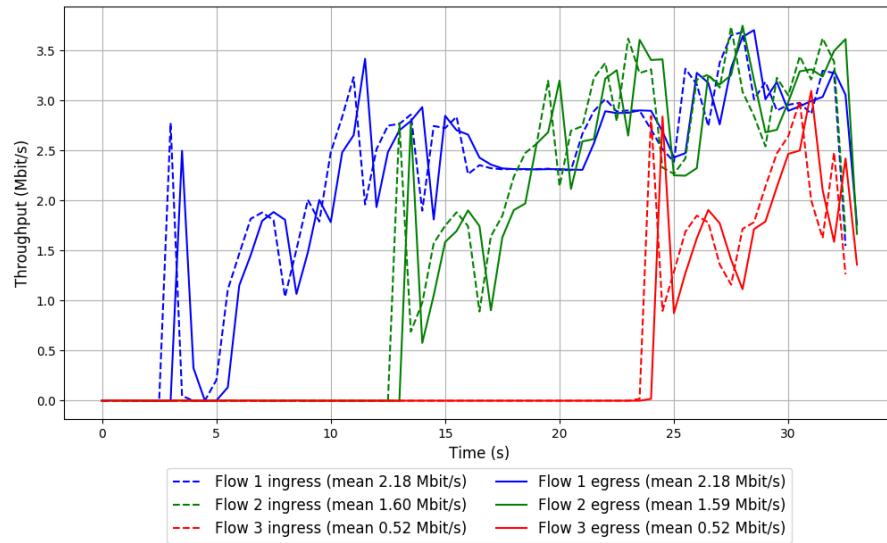


Run 4: Statistics of WebRTC media

```
Start at: 2018-08-22 04:14:50
End at: 2018-08-22 04:15:20
Local clock offset: -3.023 ms
Remote clock offset: 3.547 ms

# Below is generated by plot.py at 2018-08-22 09:30:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.28 Mbit/s
95th percentile per-packet one-way delay: 20.725 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 2.18 Mbit/s
95th percentile per-packet one-way delay: 21.051 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 1.59 Mbit/s
95th percentile per-packet one-way delay: 20.221 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 0.52 Mbit/s
95th percentile per-packet one-way delay: 21.708 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

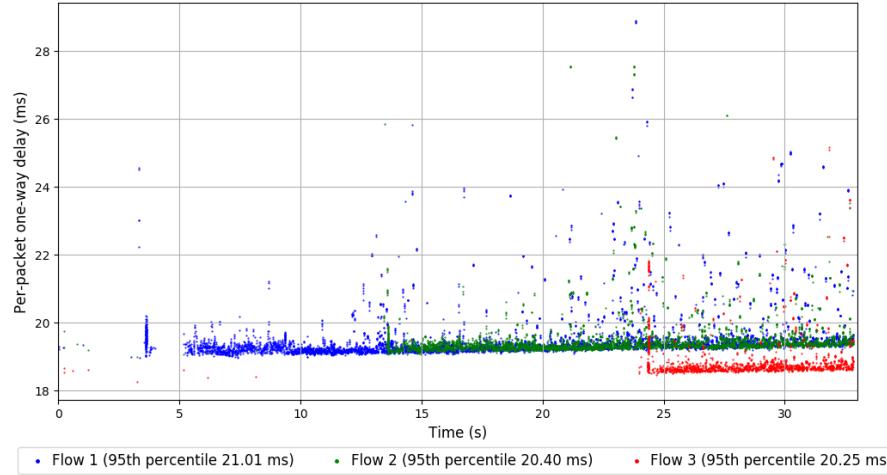
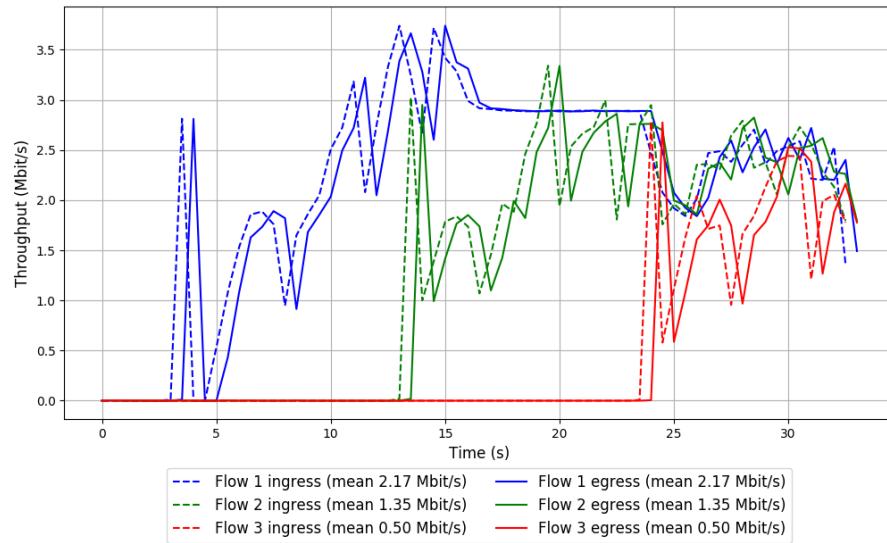


```
Run 5: Statistics of WebRTC media

Start at: 2018-08-22 04:41:58
End at: 2018-08-22 04:42:28
Local clock offset: -1.438 ms
Remote clock offset: 2.982 ms

# Below is generated by plot.py at 2018-08-22 09:30:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.00 Mbit/s
95th percentile per-packet one-way delay: 20.691 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 2.17 Mbit/s
95th percentile per-packet one-way delay: 21.011 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 1.35 Mbit/s
95th percentile per-packet one-way delay: 20.397 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 20.249 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

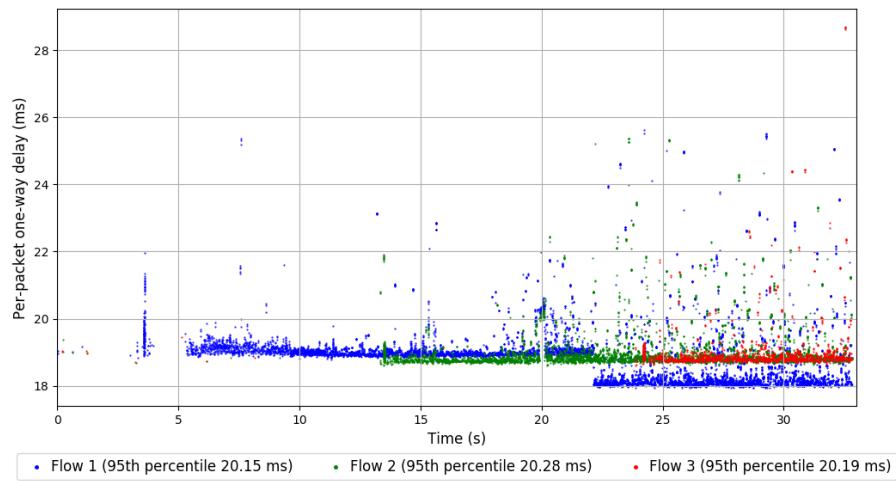
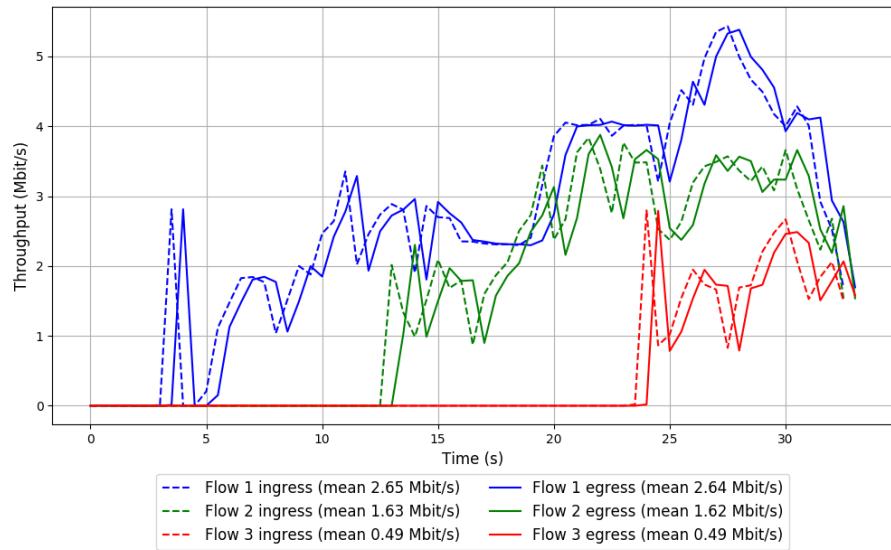


```
Run 6: Statistics of WebRTC media

Start at: 2018-08-22 05:09:16
End at: 2018-08-22 05:09:46
Local clock offset: 1.217 ms
Remote clock offset: -1.497 ms

# Below is generated by plot.py at 2018-08-22 09:30:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.74 Mbit/s
95th percentile per-packet one-way delay: 20.217 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 2.64 Mbit/s
95th percentile per-packet one-way delay: 20.154 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 1.62 Mbit/s
95th percentile per-packet one-way delay: 20.284 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 20.190 ms
Loss rate: 0.00%
```

Run 6: Report of WebRTC media — Data Link

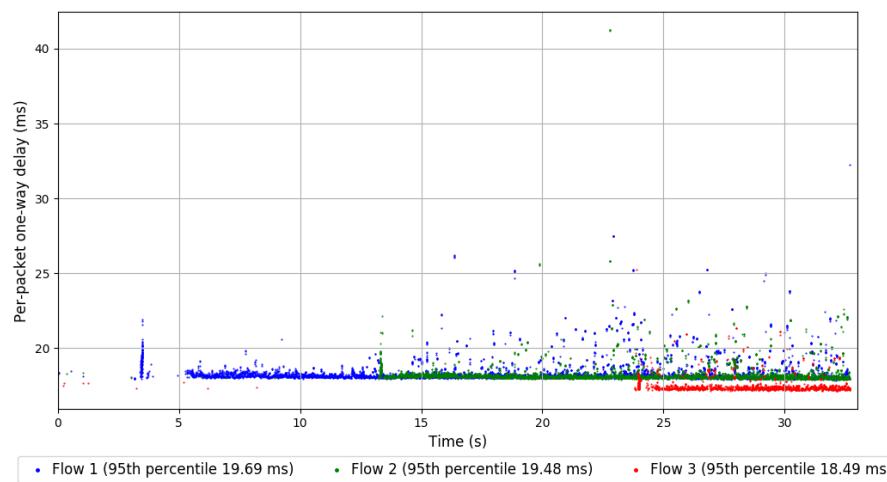
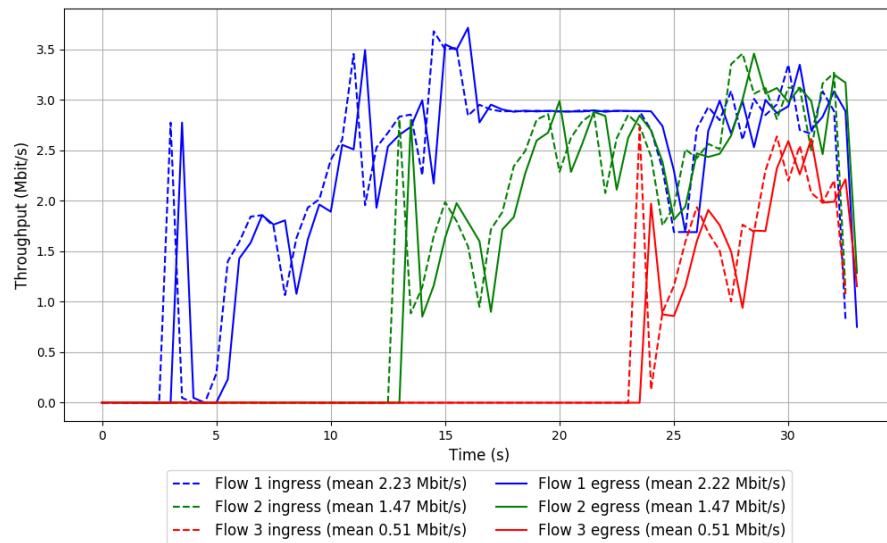


Run 7: Statistics of WebRTC media

```
Start at: 2018-08-22 05:36:32
End at: 2018-08-22 05:37:02
Local clock offset: 1.112 ms
Remote clock offset: -3.209 ms

# Below is generated by plot.py at 2018-08-22 09:30:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.20 Mbit/s
95th percentile per-packet one-way delay: 19.472 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 2.22 Mbit/s
95th percentile per-packet one-way delay: 19.686 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: 19.476 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 18.488 ms
Loss rate: 0.05%
```

Run 7: Report of WebRTC media — Data Link

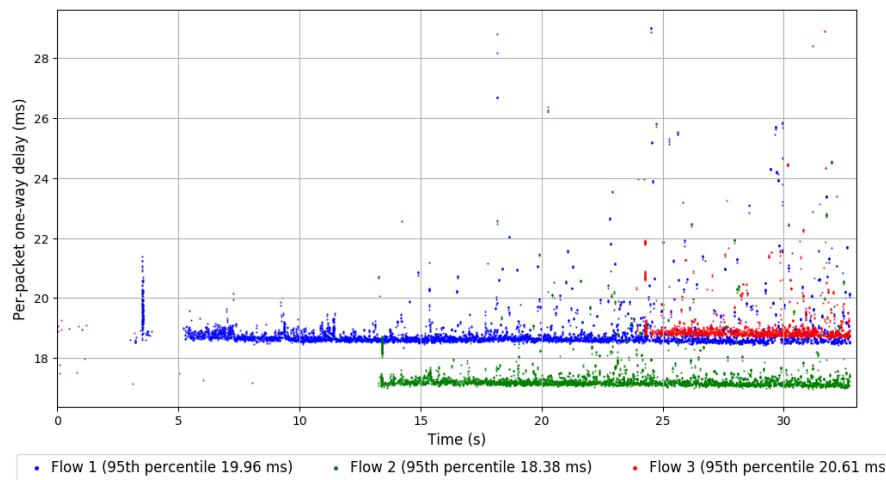
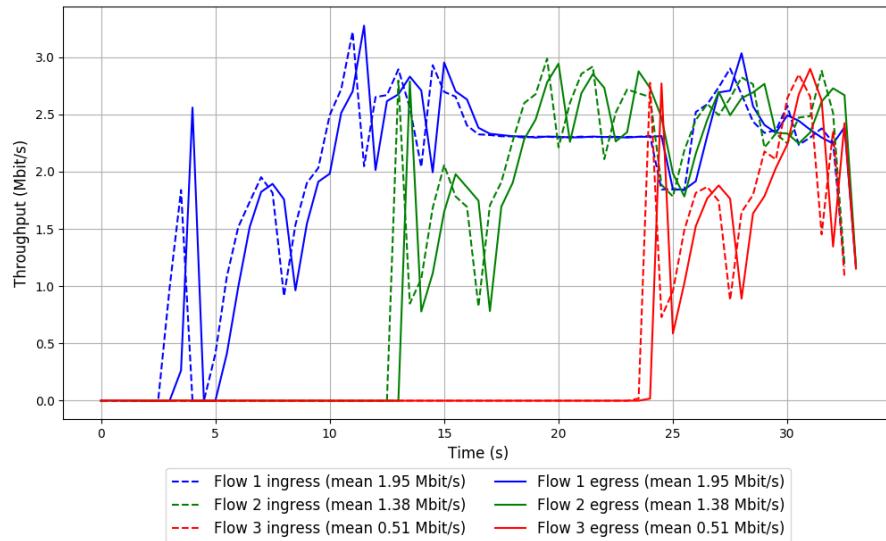


Run 8: Statistics of WebRTC media

```
Start at: 2018-08-22 06:03:41
End at: 2018-08-22 06:04:11
Local clock offset: -3.079 ms
Remote clock offset: 2.415 ms

# Below is generated by plot.py at 2018-08-22 09:30:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.83 Mbit/s
95th percentile per-packet one-way delay: 19.788 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.95 Mbit/s
95th percentile per-packet one-way delay: 19.961 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.38 Mbit/s
95th percentile per-packet one-way delay: 18.384 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 20.606 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

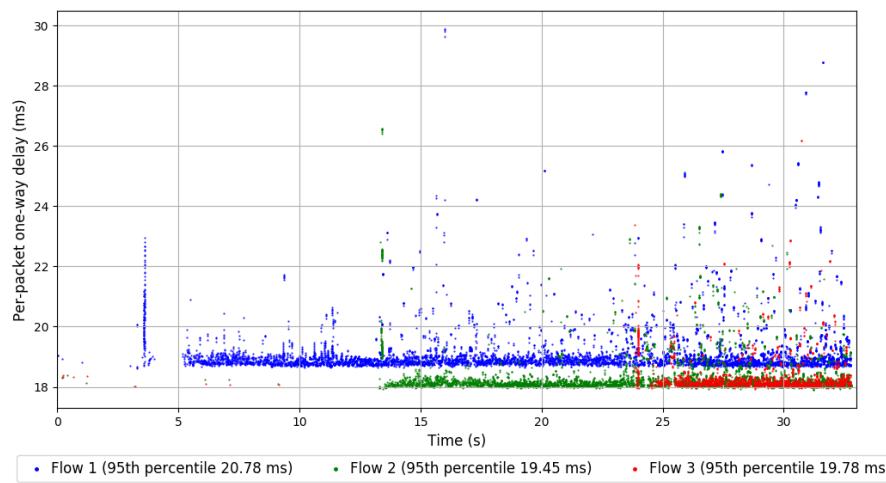
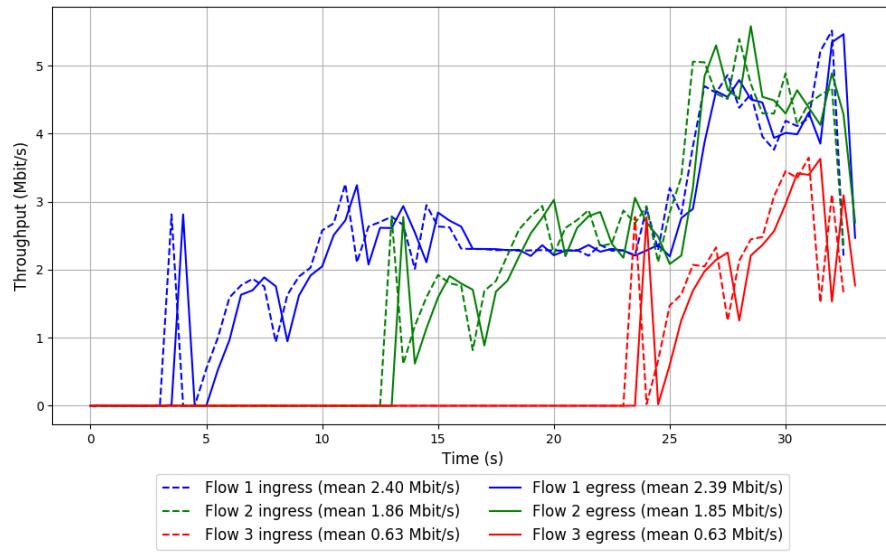


```
Run 9: Statistics of WebRTC media

Start at: 2018-08-22 06:30:26
End at: 2018-08-22 06:30:56
Local clock offset: 0.99 ms
Remote clock offset: 5.317 ms

# Below is generated by plot.py at 2018-08-22 09:30:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.85 Mbit/s
95th percentile per-packet one-way delay: 20.320 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 20.779 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 1.85 Mbit/s
95th percentile per-packet one-way delay: 19.451 ms
Loss rate: 0.88%
-- Flow 3:
Average throughput: 0.63 Mbit/s
95th percentile per-packet one-way delay: 19.780 ms
Loss rate: 0.57%
```

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

```
Start at: 2018-08-22 06:57:30
End at: 2018-08-22 06:58:00
Local clock offset: 0.767 ms
Remote clock offset: 6.679 ms

# Below is generated by plot.py at 2018-08-22 09:30:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.84 Mbit/s
95th percentile per-packet one-way delay: 18.824 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.94 Mbit/s
95th percentile per-packet one-way delay: 18.881 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.37 Mbit/s
95th percentile per-packet one-way delay: 18.592 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.53 Mbit/s
95th percentile per-packet one-way delay: 19.699 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

