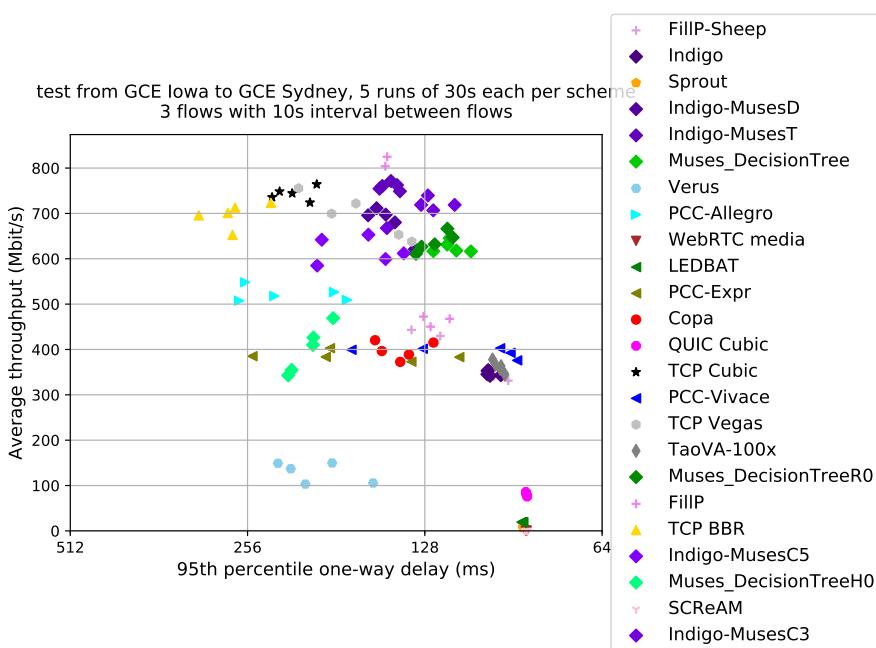
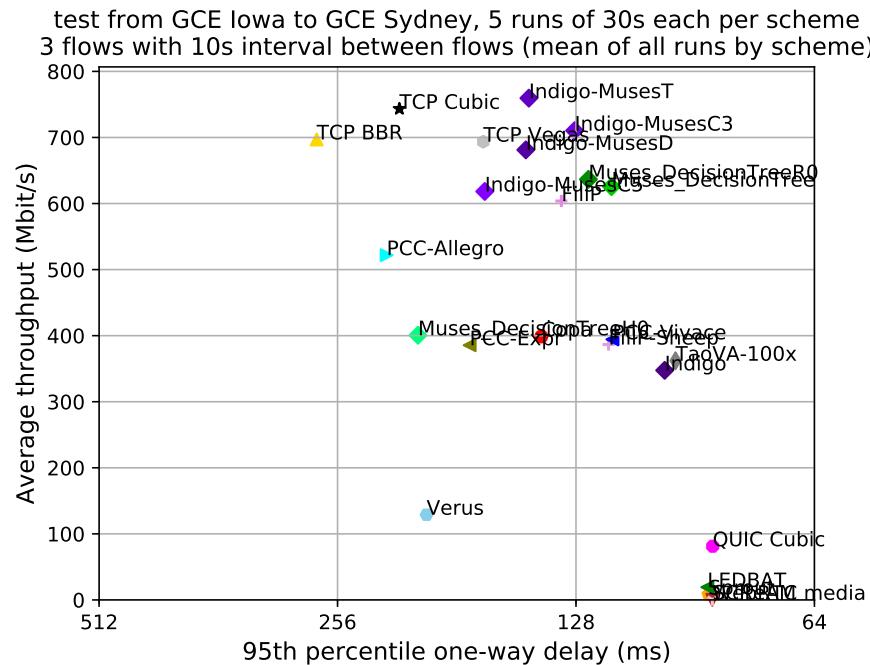


Pantheon Report

Generated at 2019-10-03 05:16:34 (UTC).
Data path: GCE Iowa on `ens4` (*remote*) → GCE Sydney on `ens4` (*local*).
Repeated the test of 24 congestion control schemes 5 times.
Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.
NTP offsets were measured against `time.google.com` and have been applied to correct the timestamps in logs.

```
System info:  
Linux 4.15.0-1044-gcp  
net.core.default_qdisc = fq  
net.core.rmem_default = 16777216  
net.core.rmem_max = 536870912  
net.core.wmem_default = 16777216  
net.core.wmem_max = 536870912  
net.ipv4.tcp_rmem = 4096 16777216 536870912  
net.ipv4.tcp_wmem = 4096 16777216 536870912  
  
Git summary:  
branch: muses @ de42328552b3776a75a932a94dfaf722537b0ec  
third_party/fillp @ d6da1459332fceef56963885d7eba17e6a32d4519  
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fcd45e12e923f9  
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4  
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d  
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf  
third_party/muses @ 5ce721187ad823da20955337730c746486ca4966  
third_party/muses_dtree @ 387225f7b5f61ddbe92d708a8869ffbb84eb3200  
third_party/pantheon-tunnel @ f866d3f58d27af942717625ee3a354cc2e802bd  
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1  
M receiver/src/buffer.h  
M receiver/src/core.cpp  
M sender/src/buffer.h  
M sender/src/core.cpp  
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab  
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42  
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2  
M src/ScreamClient  
M src/ScreamServer  
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26  
M src/examples/cellsim.cc  
M src/examples/sproutbt2.cc  
M src/network/sproutconn.cc  
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494  
M src/verus.hpp
```

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



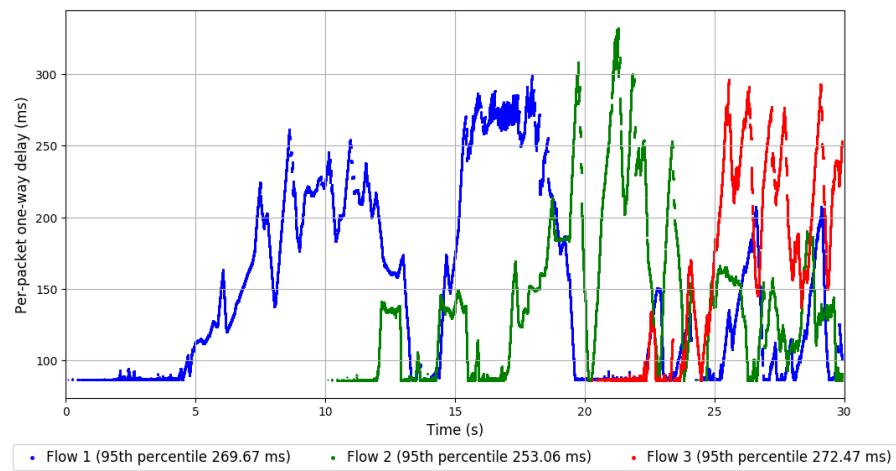
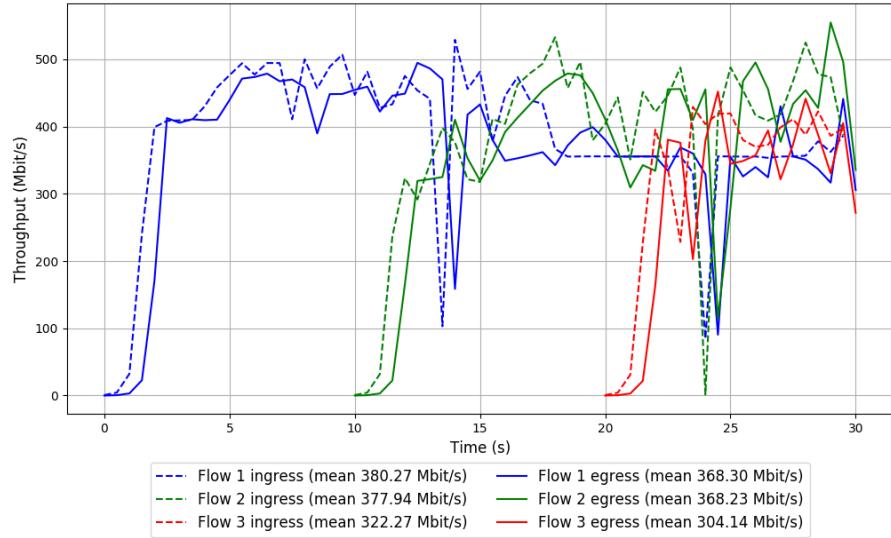
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	5	362.30	356.28	298.30	270.91	259.17	224.11	4.46	4.71	5.60
Copa		204.06	207.59	173.02	152.00	123.32	136.11	0.55	0.97	2.09
TCP Cubic		408.12	358.03	296.31	209.08	200.08	222.78	0.92	1.22	3.98
FillP		282.46	363.57	245.81	137.40	105.07	92.51	1.66	0.73	1.84
FillP-Sheep		103.90	308.10	238.75	126.24	92.59	93.21	0.54	0.81	2.00
Indigo		182.33	176.17	148.72	97.80	99.83	99.72	0.57	0.95	2.04
Indigo-MusesC3		413.09	354.95	271.73	129.04	128.42	107.37	0.50	0.83	2.97
Indigo-MusesC5		366.40	324.11	175.30	169.91	156.77	104.05	0.63	0.69	5.83
Indigo-MusesD		407.39	329.51	245.74	151.49	135.34	112.30	0.51	0.96	3.13
Indigo-MusesT		445.84	384.73	266.58	149.77	139.61	127.19	0.54	0.84	3.11
LEDBAT		12.49	8.28	3.99	87.53	87.10	87.07	1.15	1.74	3.52
Muses_DecisionTree		360.12	310.42	193.65	121.94	105.06	100.50	0.47	0.81	2.90
Muses_DecisionTreeH0		220.23	187.11	180.13	193.14	216.04	154.21	4.56	3.54	4.05
Muses_DecisionTreeR0		389.28	300.11	157.52	123.76	132.38	96.53	0.50	0.81	3.67
PCC-Allegro		290.52	238.19	226.00	217.85	147.23	260.42	2.92	2.65	7.57
PCC-Expr		211.19	190.88	146.56	174.13	160.88	176.55	1.80	1.46	3.52
QUIC Cubic		46.93	40.85	21.04	85.87	85.88	85.94	0.88	1.53	2.01
SCReAM		0.22	0.22	0.22	86.11	85.94	85.99	0.51	0.82	1.69
Sprout		4.40	4.23	3.15	87.16	87.11	87.01	0.73	1.13	2.69
TaoVA-100x		188.49	180.96	162.79	95.54	94.79	97.23	0.56	0.98	1.85
TCP Vegas		370.63	336.27	303.94	153.14	137.75	206.87	0.68	1.00	2.41
Verus		64.53	75.12	48.76	188.23	168.89	151.01	1.84	1.62	0.79
PCC-Vivace		220.10	191.09	146.01	122.13	97.77	146.01	0.63	1.05	2.40
WebRTC media		0.06	0.06	0.06	86.05	86.05	85.89	0.01	0.00	0.00

Run 1: Statistics of TCP BBR

```
Start at: 2019-10-02 23:15:56
End at: 2019-10-02 23:16:26
Local clock offset: 0.4 ms
Remote clock offset: -0.011 ms

# Below is generated by plot.py at 2019-10-03 02:35:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 712.86 Mbit/s
95th percentile per-packet one-way delay: 268.764 ms
Loss rate: 4.12%
-- Flow 1:
Average throughput: 368.30 Mbit/s
95th percentile per-packet one-way delay: 269.674 ms
Loss rate: 3.71%
-- Flow 2:
Average throughput: 368.23 Mbit/s
95th percentile per-packet one-way delay: 253.055 ms
Loss rate: 3.41%
-- Flow 3:
Average throughput: 304.14 Mbit/s
95th percentile per-packet one-way delay: 272.471 ms
Loss rate: 7.26%
```

Run 1: Report of TCP BBR — Data Link

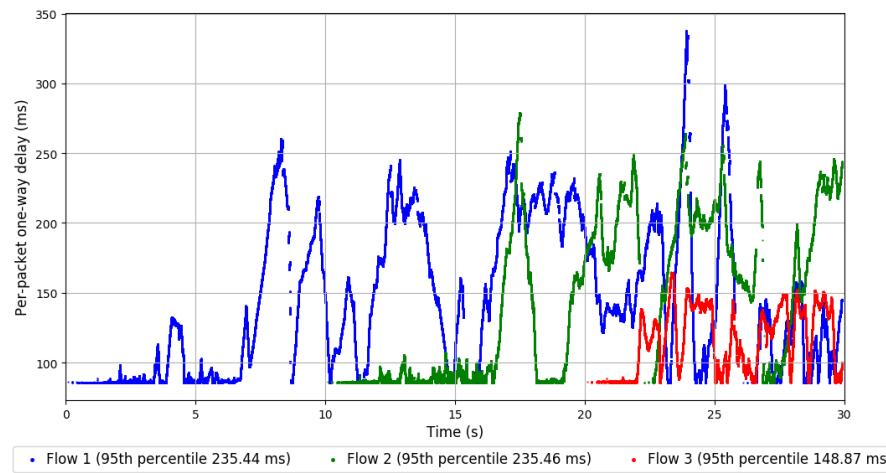
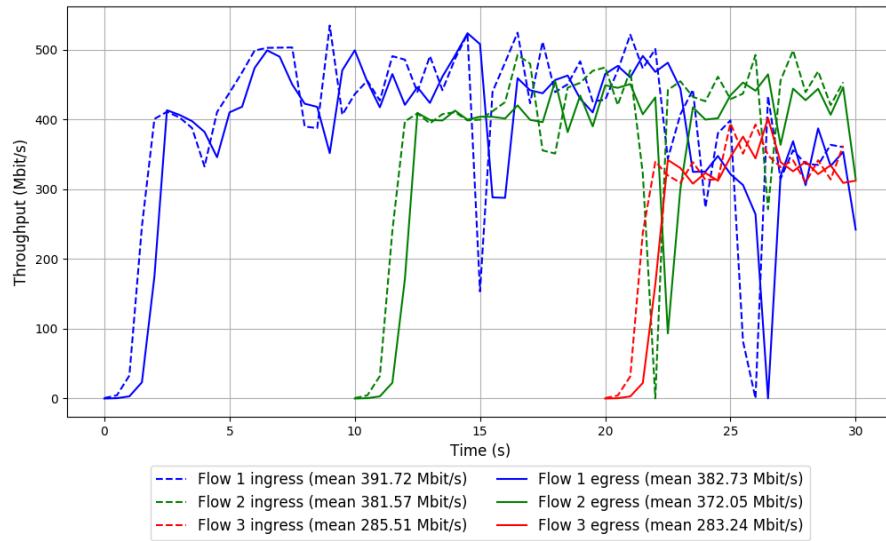


Run 2: Statistics of TCP BBR

```
Start at: 2019-10-02 23:56:32
End at: 2019-10-02 23:57:02
Local clock offset: -0.101 ms
Remote clock offset: -0.046 ms

# Below is generated by plot.py at 2019-10-03 02:35:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 723.06 Mbit/s
95th percentile per-packet one-way delay: 233.598 ms
Loss rate: 2.98%
-- Flow 1:
Average throughput: 382.73 Mbit/s
95th percentile per-packet one-way delay: 235.437 ms
Loss rate: 2.86%
-- Flow 2:
Average throughput: 372.05 Mbit/s
95th percentile per-packet one-way delay: 235.459 ms
Loss rate: 3.34%
-- Flow 3:
Average throughput: 283.24 Mbit/s
95th percentile per-packet one-way delay: 148.871 ms
Loss rate: 2.50%
```

Run 2: Report of TCP BBR — Data Link

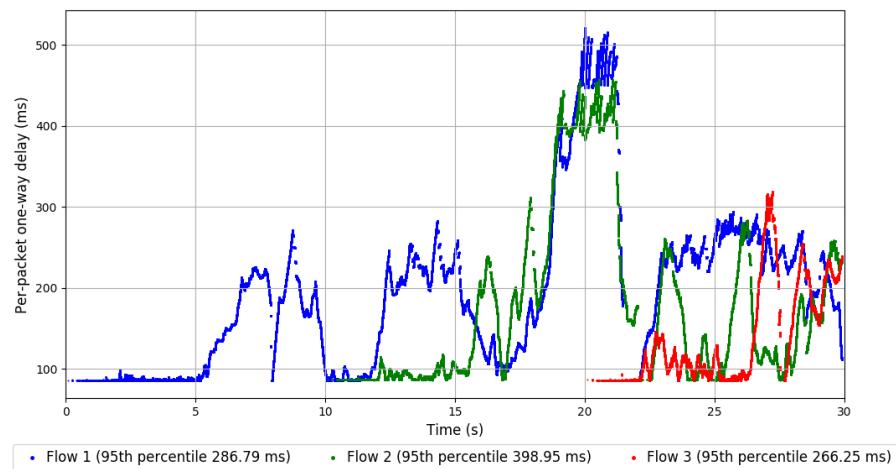
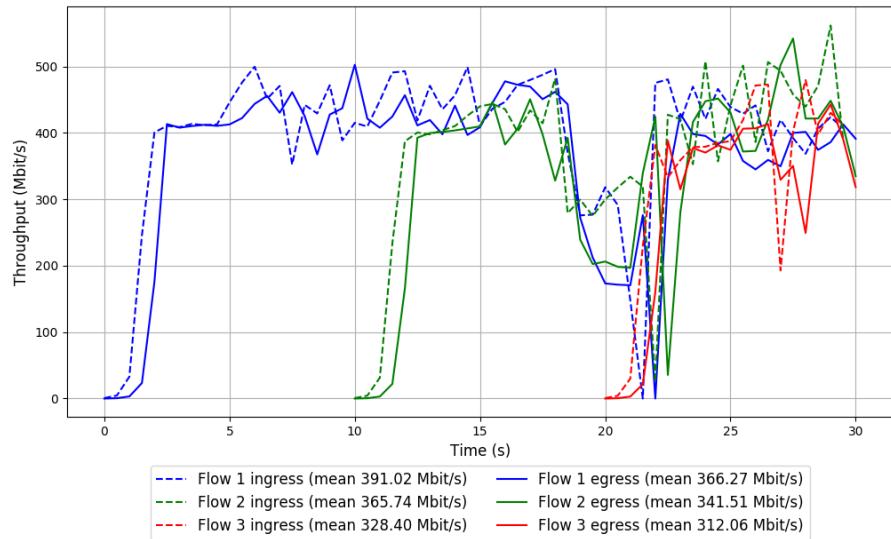


Run 3: Statistics of TCP BBR

```
Start at: 2019-10-03 00:37:10
End at: 2019-10-03 00:37:40
Local clock offset: -0.01 ms
Remote clock offset: 0.046 ms

# Below is generated by plot.py at 2019-10-03 02:35:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 695.65 Mbit/s
95th percentile per-packet one-way delay: 309.763 ms
Loss rate: 7.02%
-- Flow 1:
Average throughput: 366.27 Mbit/s
95th percentile per-packet one-way delay: 286.786 ms
Loss rate: 6.87%
-- Flow 2:
Average throughput: 341.51 Mbit/s
95th percentile per-packet one-way delay: 398.953 ms
Loss rate: 7.43%
-- Flow 3:
Average throughput: 312.06 Mbit/s
95th percentile per-packet one-way delay: 266.250 ms
Loss rate: 6.62%
```

Run 3: Report of TCP BBR — Data Link

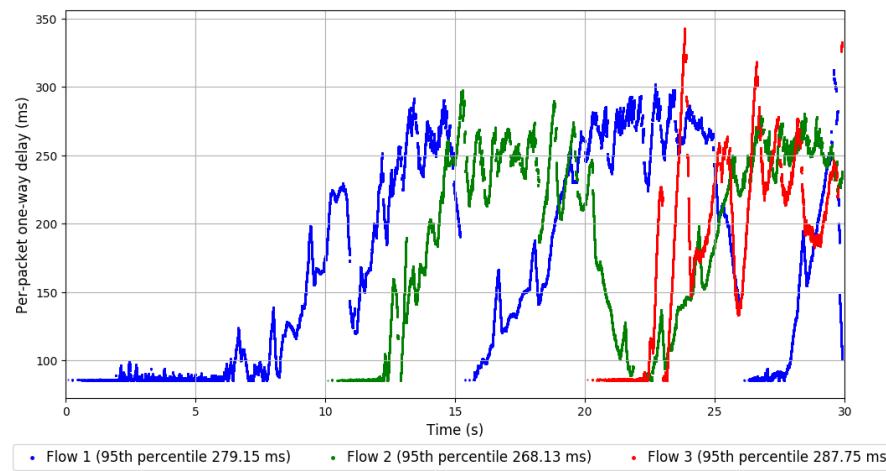
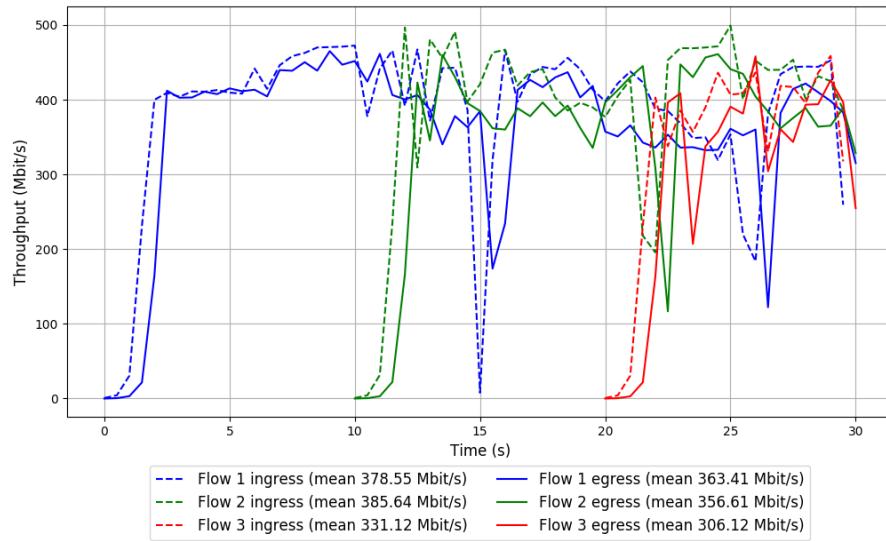


Run 4: Statistics of TCP BBR

```
Start at: 2019-10-03 01:18:04
End at: 2019-10-03 01:18:34
Local clock offset: -0.19 ms
Remote clock offset: -0.069 ms

# Below is generated by plot.py at 2019-10-03 02:35:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 700.87 Mbit/s
95th percentile per-packet one-way delay: 276.532 ms
Loss rate: 6.53%
-- Flow 1:
Average throughput: 363.41 Mbit/s
95th percentile per-packet one-way delay: 279.146 ms
Loss rate: 4.55%
-- Flow 2:
Average throughput: 356.61 Mbit/s
95th percentile per-packet one-way delay: 268.133 ms
Loss rate: 8.33%
-- Flow 3:
Average throughput: 306.12 Mbit/s
95th percentile per-packet one-way delay: 287.748 ms
Loss rate: 9.15%
```

Run 4: Report of TCP BBR — Data Link

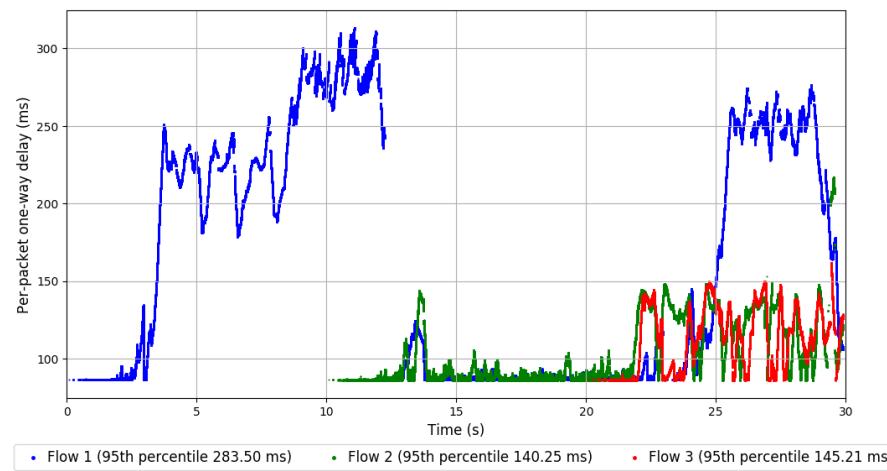
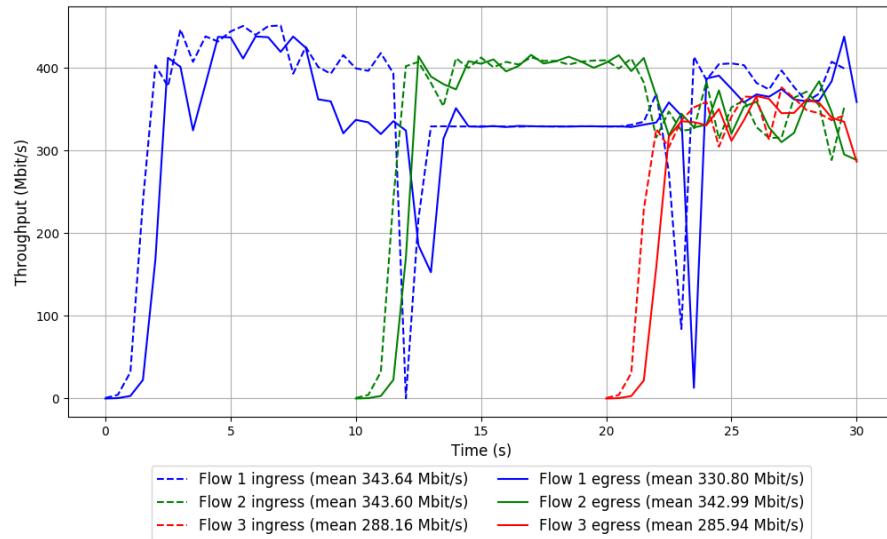


Run 5: Statistics of TCP BBR

```
Start at: 2019-10-03 01:59:06
End at: 2019-10-03 01:59:36
Local clock offset: 0.159 ms
Remote clock offset: -0.114 ms

# Below is generated by plot.py at 2019-10-03 02:35:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 652.60 Mbit/s
95th percentile per-packet one-way delay: 271.443 ms
Loss rate: 2.92%
-- Flow 1:
Average throughput: 330.80 Mbit/s
95th percentile per-packet one-way delay: 283.495 ms
Loss rate: 4.29%
-- Flow 2:
Average throughput: 342.99 Mbit/s
95th percentile per-packet one-way delay: 140.252 ms
Loss rate: 1.03%
-- Flow 3:
Average throughput: 285.94 Mbit/s
95th percentile per-packet one-way delay: 145.209 ms
Loss rate: 2.48%
```

Run 5: Report of TCP BBR — Data Link

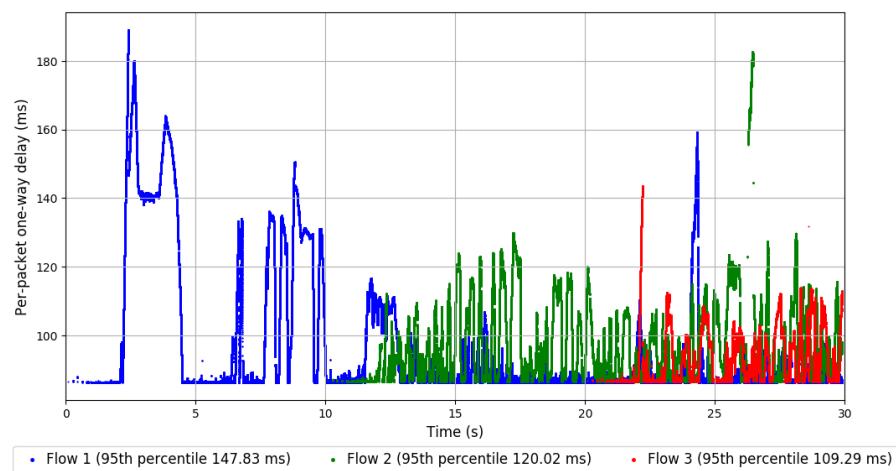
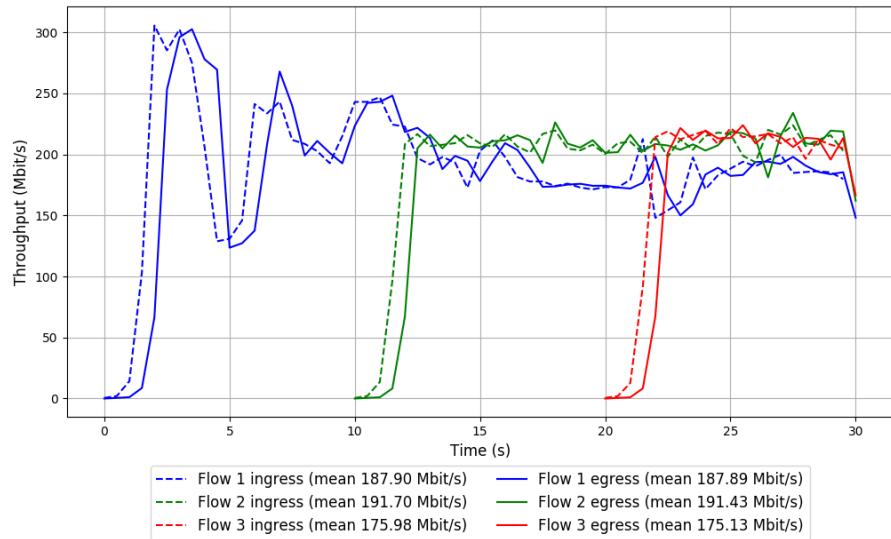


Run 1: Statistics of Copa

```
Start at: 2019-10-02 22:50:44
End at: 2019-10-02 22:51:14
Local clock offset: 0.284 ms
Remote clock offset: -0.054 ms

# Below is generated by plot.py at 2019-10-03 02:35:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 372.59 Mbit/s
95th percentile per-packet one-way delay: 140.930 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 187.89 Mbit/s
95th percentile per-packet one-way delay: 147.830 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 191.43 Mbit/s
95th percentile per-packet one-way delay: 120.022 ms
Loss rate: 1.00%
-- Flow 3:
Average throughput: 175.13 Mbit/s
95th percentile per-packet one-way delay: 109.292 ms
Loss rate: 2.20%
```

Run 1: Report of Copa — Data Link

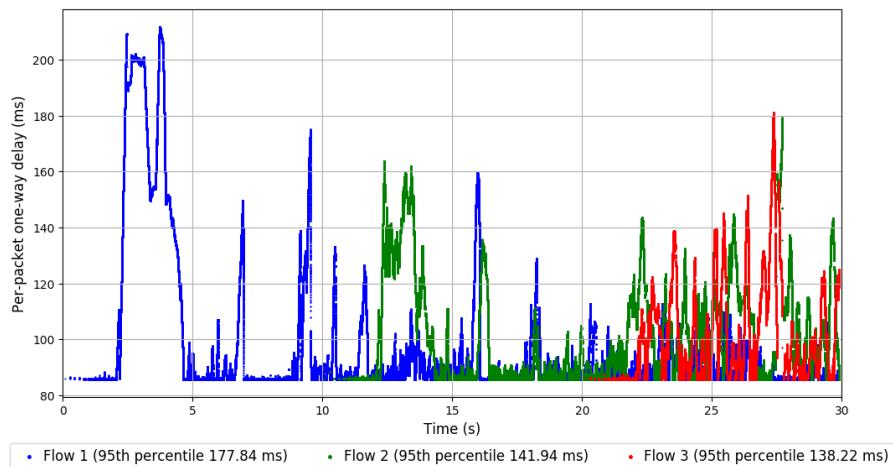
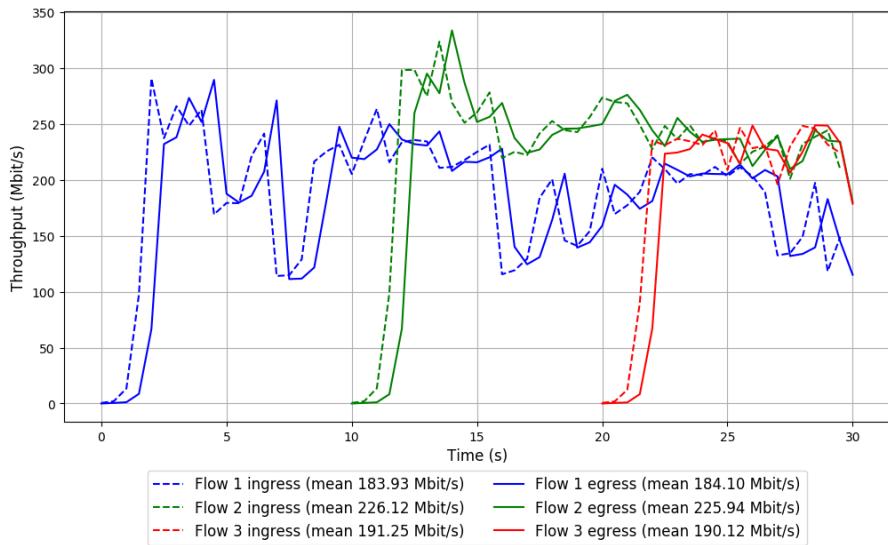


Run 2: Statistics of Copa

```
Start at: 2019-10-02 23:31:18
End at: 2019-10-02 23:31:48
Local clock offset: -0.075 ms
Remote clock offset: -0.04 ms

# Below is generated by plot.py at 2019-10-03 02:35:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 396.57 Mbit/s
95th percentile per-packet one-way delay: 151.430 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 184.10 Mbit/s
95th percentile per-packet one-way delay: 177.843 ms
Loss rate: 0.48%
-- Flow 2:
Average throughput: 225.94 Mbit/s
95th percentile per-packet one-way delay: 141.942 ms
Loss rate: 0.94%
-- Flow 3:
Average throughput: 190.12 Mbit/s
95th percentile per-packet one-way delay: 138.220 ms
Loss rate: 2.31%
```

Run 2: Report of Copa — Data Link

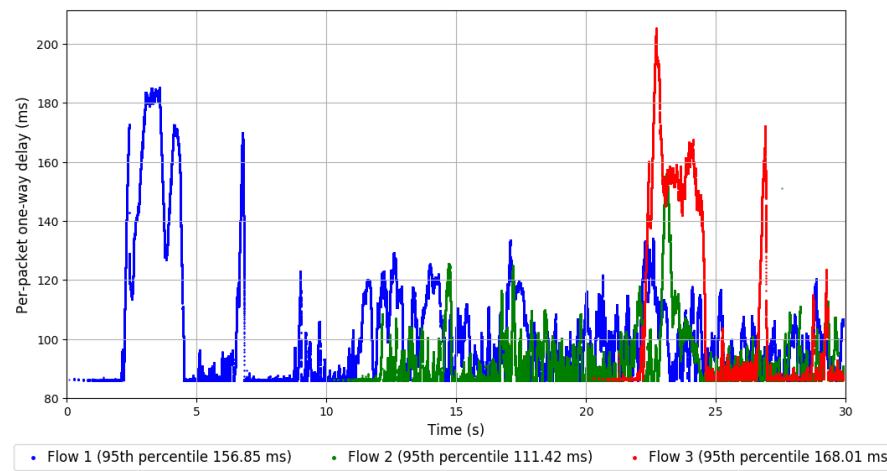
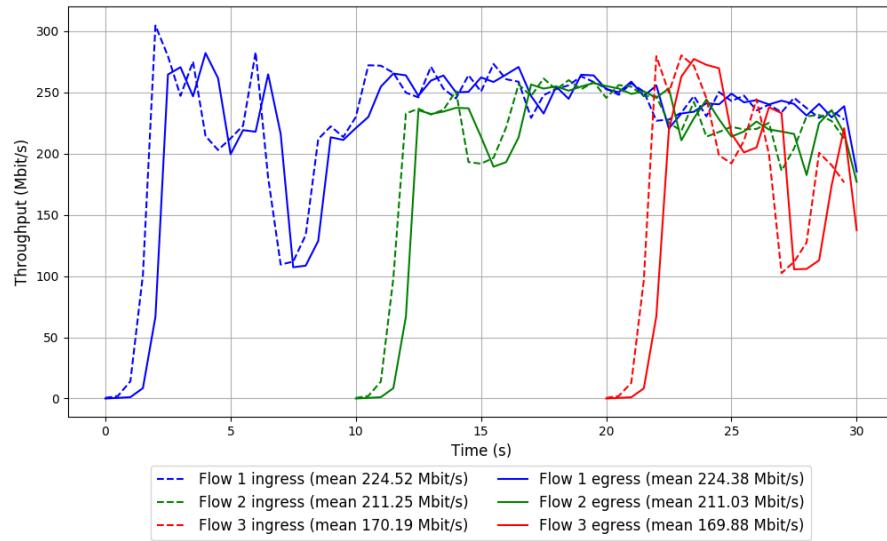


Run 3: Statistics of Copa

```
Start at: 2019-10-03 00:11:57
End at: 2019-10-03 00:12:27
Local clock offset: 0.116 ms
Remote clock offset: -0.091 ms

# Below is generated by plot.py at 2019-10-03 02:36:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 420.43 Mbit/s
95th percentile per-packet one-way delay: 155.484 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 224.38 Mbit/s
95th percentile per-packet one-way delay: 156.848 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 211.03 Mbit/s
95th percentile per-packet one-way delay: 111.423 ms
Loss rate: 0.96%
-- Flow 3:
Average throughput: 169.88 Mbit/s
95th percentile per-packet one-way delay: 168.008 ms
Loss rate: 1.91%
```

Run 3: Report of Copa — Data Link

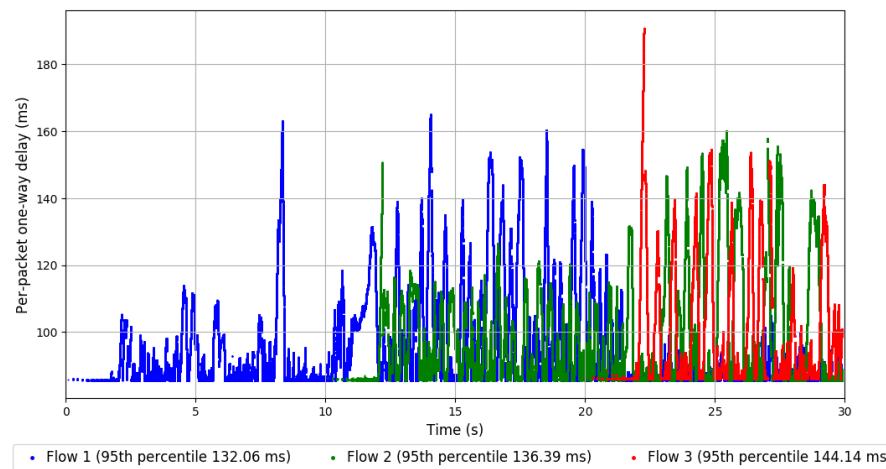
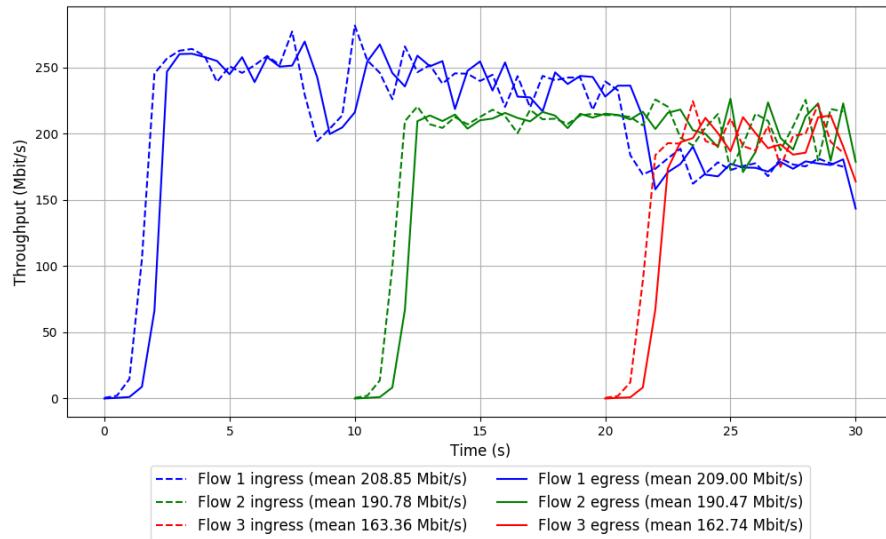


Run 4: Statistics of Copa

```
Start at: 2019-10-03 00:52:42
End at: 2019-10-03 00:53:12
Local clock offset: -0.125 ms
Remote clock offset: -0.004 ms

# Below is generated by plot.py at 2019-10-03 02:49:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 388.92 Mbit/s
95th percentile per-packet one-way delay: 136.209 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 209.00 Mbit/s
95th percentile per-packet one-way delay: 132.063 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 190.47 Mbit/s
95th percentile per-packet one-way delay: 136.392 ms
Loss rate: 1.02%
-- Flow 3:
Average throughput: 162.74 Mbit/s
95th percentile per-packet one-way delay: 144.137 ms
Loss rate: 2.11%
```

Run 4: Report of Copa — Data Link

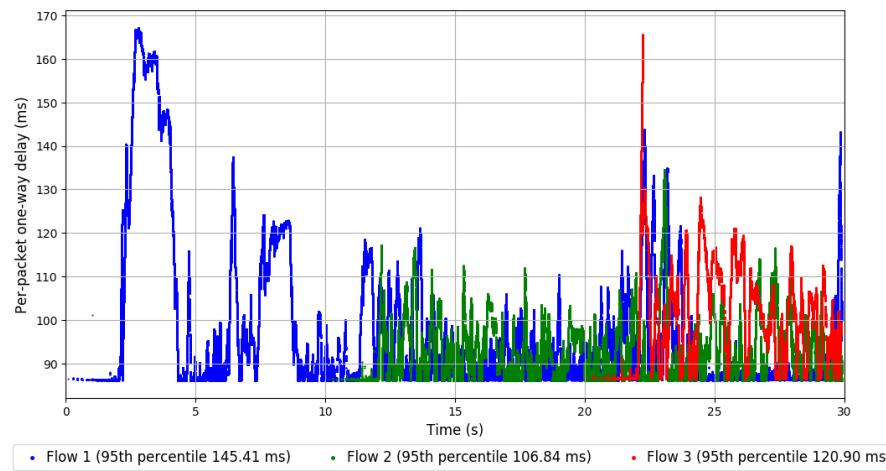
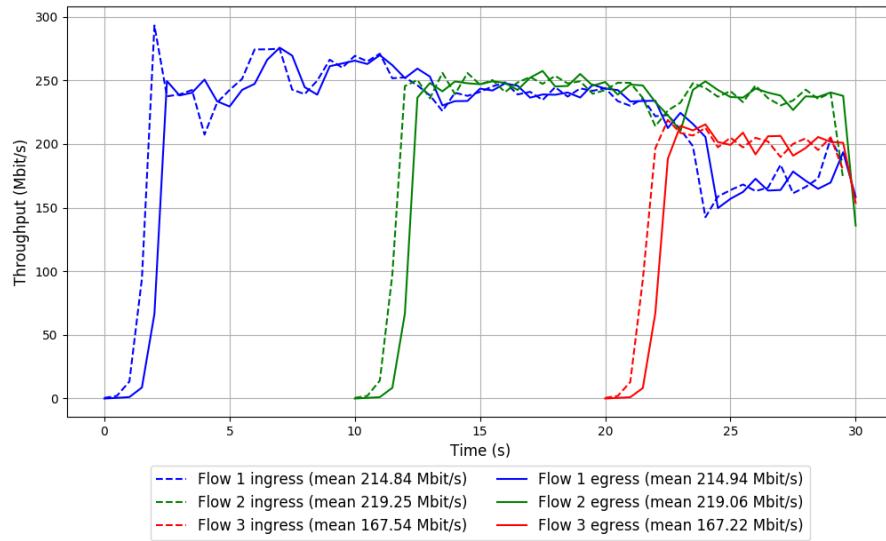


Run 5: Statistics of Copa

```
Start at: 2019-10-03 01:33:49
End at: 2019-10-03 01:34:19
Local clock offset: 0.37 ms
Remote clock offset: -0.026 ms

# Below is generated by plot.py at 2019-10-03 02:51:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 415.30 Mbit/s
95th percentile per-packet one-way delay: 123.752 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 214.94 Mbit/s
95th percentile per-packet one-way delay: 145.412 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 219.06 Mbit/s
95th percentile per-packet one-way delay: 106.843 ms
Loss rate: 0.94%
-- Flow 3:
Average throughput: 167.22 Mbit/s
95th percentile per-packet one-way delay: 120.899 ms
Loss rate: 1.92%
```

Run 5: Report of Copa — Data Link

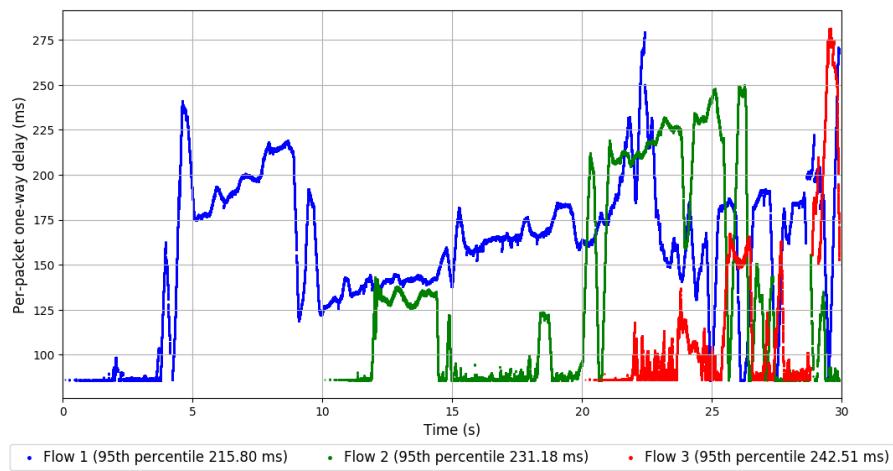
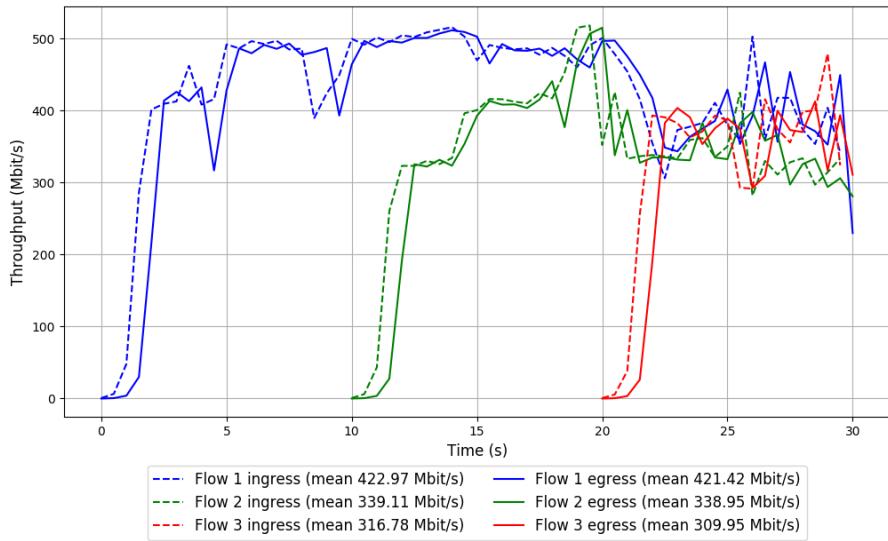


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2019-10-02 22:42:10
End at: 2019-10-02 22:42:40
Local clock offset: -0.072 ms
Remote clock offset: 0.005 ms

# Below is generated by plot.py at 2019-10-03 02:52:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 748.33 Mbit/s
95th percentile per-packet one-way delay: 225.871 ms
Loss rate: 1.34%
-- Flow 1:
Average throughput: 421.42 Mbit/s
95th percentile per-packet one-way delay: 215.801 ms
Loss rate: 0.94%
-- Flow 2:
Average throughput: 338.95 Mbit/s
95th percentile per-packet one-way delay: 231.184 ms
Loss rate: 0.91%
-- Flow 3:
Average throughput: 309.95 Mbit/s
95th percentile per-packet one-way delay: 242.509 ms
Loss rate: 3.85%
```

Run 1: Report of TCP Cubic — Data Link

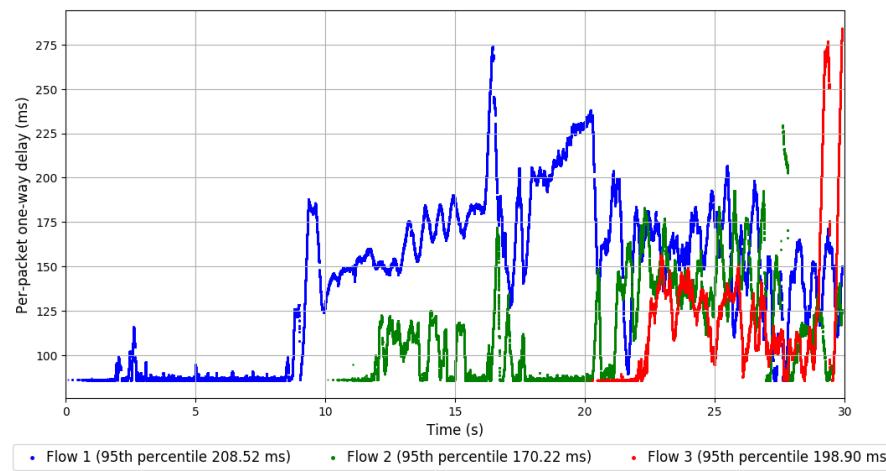
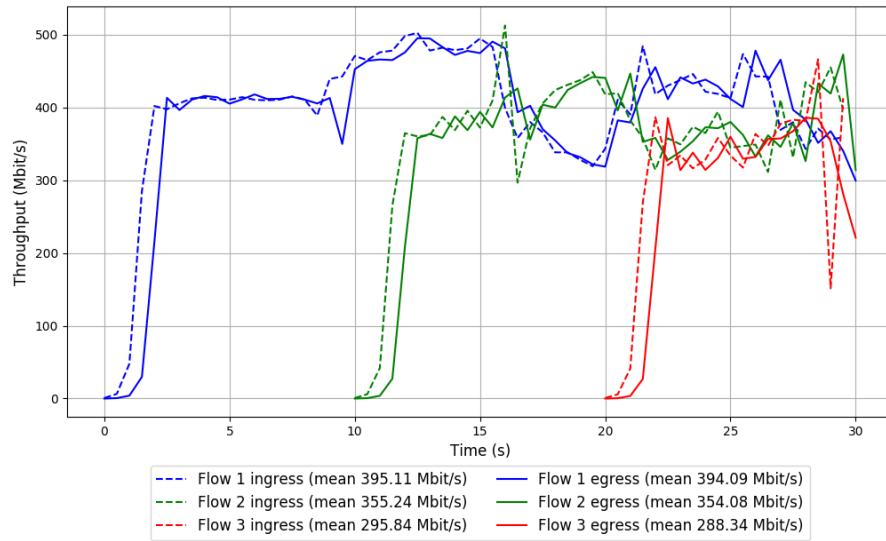


Run 2: Statistics of TCP Cubic

```
Start at: 2019-10-02 23:22:58
End at: 2019-10-02 23:23:28
Local clock offset: 0.027 ms
Remote clock offset: -0.016 ms

# Below is generated by plot.py at 2019-10-03 02:52:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 723.95 Mbit/s
95th percentile per-packet one-way delay: 200.565 ms
Loss rate: 1.40%
-- Flow 1:
Average throughput: 394.09 Mbit/s
95th percentile per-packet one-way delay: 208.522 ms
Loss rate: 0.83%
-- Flow 2:
Average throughput: 354.08 Mbit/s
95th percentile per-packet one-way delay: 170.225 ms
Loss rate: 1.19%
-- Flow 3:
Average throughput: 288.34 Mbit/s
95th percentile per-packet one-way delay: 198.899 ms
Loss rate: 4.22%
```

Run 2: Report of TCP Cubic — Data Link

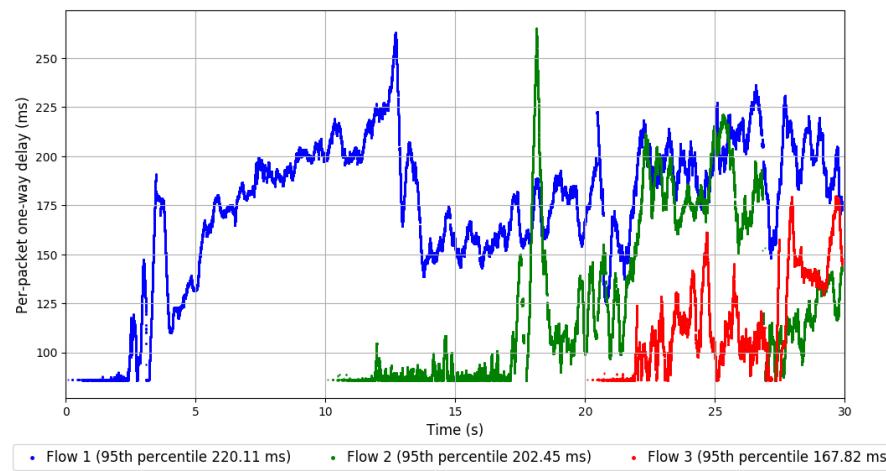
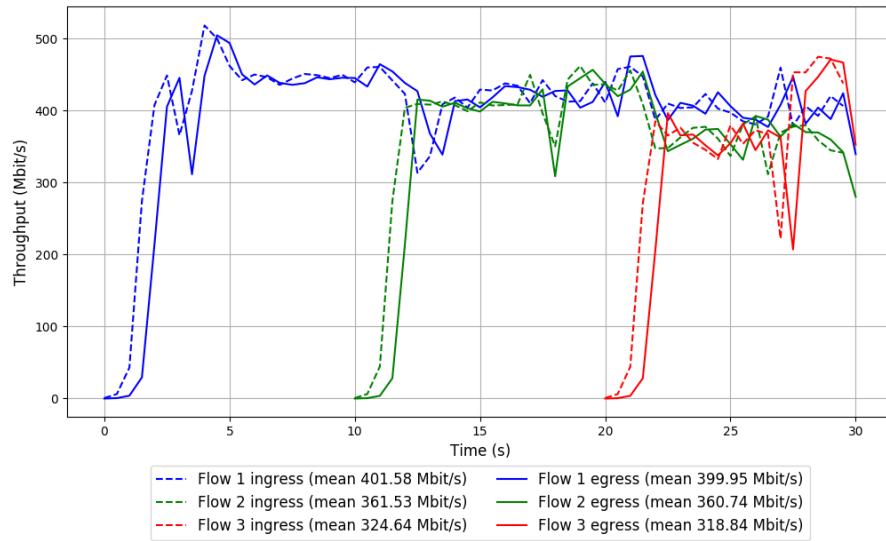


Run 3: Statistics of TCP Cubic

```
Start at: 2019-10-03 00:03:37
End at: 2019-10-03 00:04:07
Local clock offset: -0.11 ms
Remote clock offset: -0.087 ms

# Below is generated by plot.py at 2019-10-03 02:52:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 744.37 Mbit/s
95th percentile per-packet one-way delay: 214.969 ms
Loss rate: 1.37%
-- Flow 1:
Average throughput: 399.95 Mbit/s
95th percentile per-packet one-way delay: 220.114 ms
Loss rate: 0.98%
-- Flow 2:
Average throughput: 360.74 Mbit/s
95th percentile per-packet one-way delay: 202.446 ms
Loss rate: 1.08%
-- Flow 3:
Average throughput: 318.84 Mbit/s
95th percentile per-packet one-way delay: 167.824 ms
Loss rate: 3.48%
```

Run 3: Report of TCP Cubic — Data Link

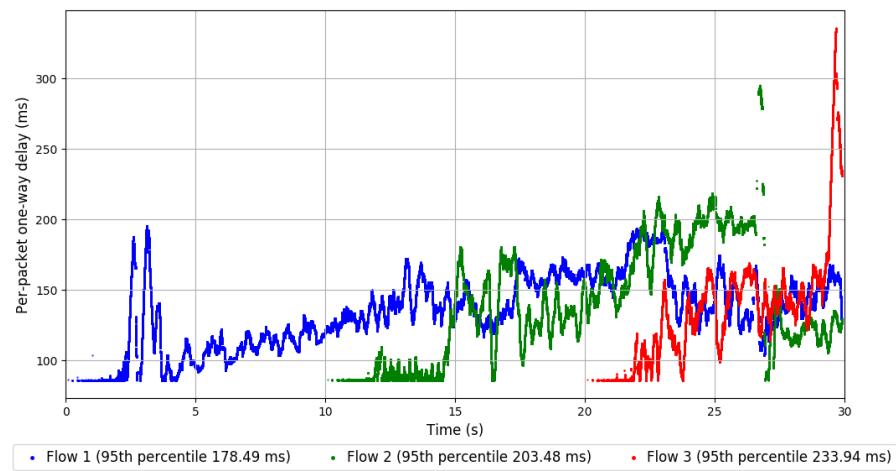
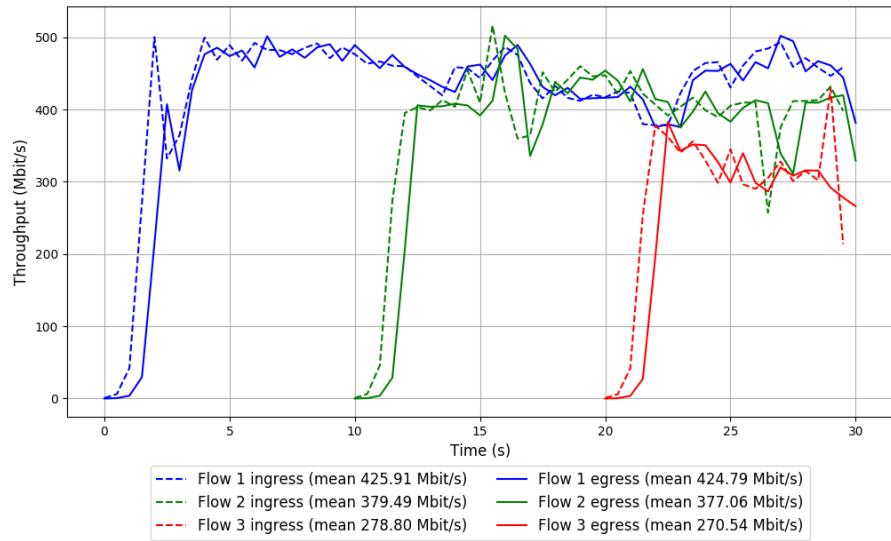


Run 4: Statistics of TCP Cubic

```
Start at: 2019-10-03 00:44:17
End at: 2019-10-03 00:44:47
Local clock offset: 0.034 ms
Remote clock offset: 0.054 ms

# Below is generated by plot.py at 2019-10-03 02:52:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 764.18 Mbit/s
95th percentile per-packet one-way delay: 195.329 ms
Loss rate: 1.36%
-- Flow 1:
Average throughput: 424.79 Mbit/s
95th percentile per-packet one-way delay: 178.494 ms
Loss rate: 0.84%
-- Flow 2:
Average throughput: 377.06 Mbit/s
95th percentile per-packet one-way delay: 203.481 ms
Loss rate: 1.49%
-- Flow 3:
Average throughput: 270.54 Mbit/s
95th percentile per-packet one-way delay: 233.935 ms
Loss rate: 3.47%
```

Run 4: Report of TCP Cubic — Data Link

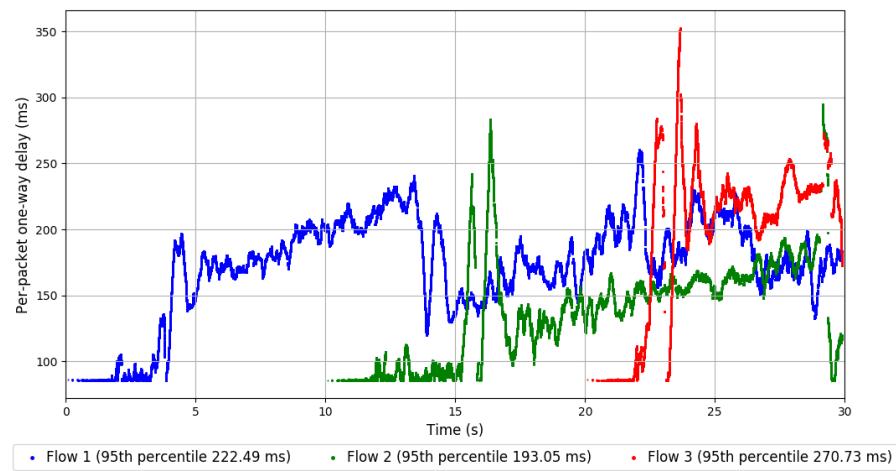
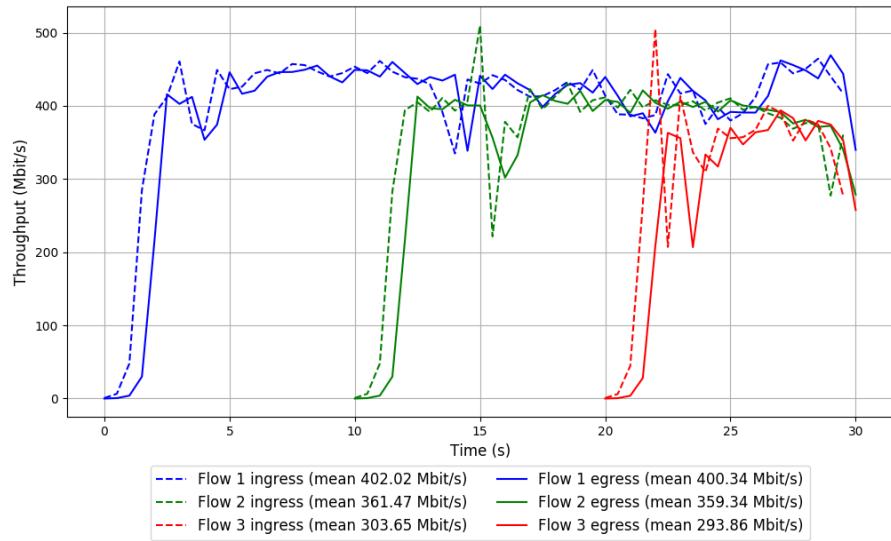


Run 5: Statistics of TCP Cubic

```
Start at: 2019-10-03 01:25:09
End at: 2019-10-03 01:25:39
Local clock offset: -0.187 ms
Remote clock offset: -0.04 ms

# Below is generated by plot.py at 2019-10-03 02:52:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 735.72 Mbit/s
95th percentile per-packet one-way delay: 232.565 ms
Loss rate: 1.67%
-- Flow 1:
Average throughput: 400.34 Mbit/s
95th percentile per-packet one-way delay: 222.490 ms
Loss rate: 0.99%
-- Flow 2:
Average throughput: 359.34 Mbit/s
95th percentile per-packet one-way delay: 193.047 ms
Loss rate: 1.44%
-- Flow 3:
Average throughput: 293.86 Mbit/s
95th percentile per-packet one-way delay: 270.728 ms
Loss rate: 4.90%
```

Run 5: Report of TCP Cubic — Data Link

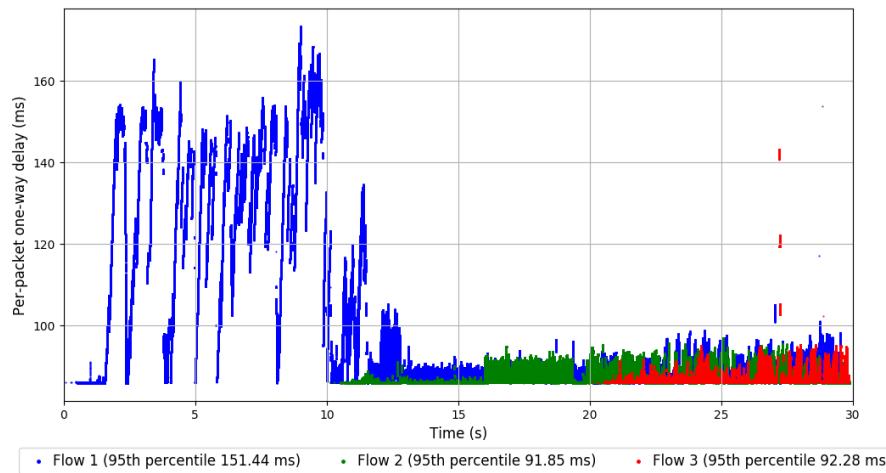
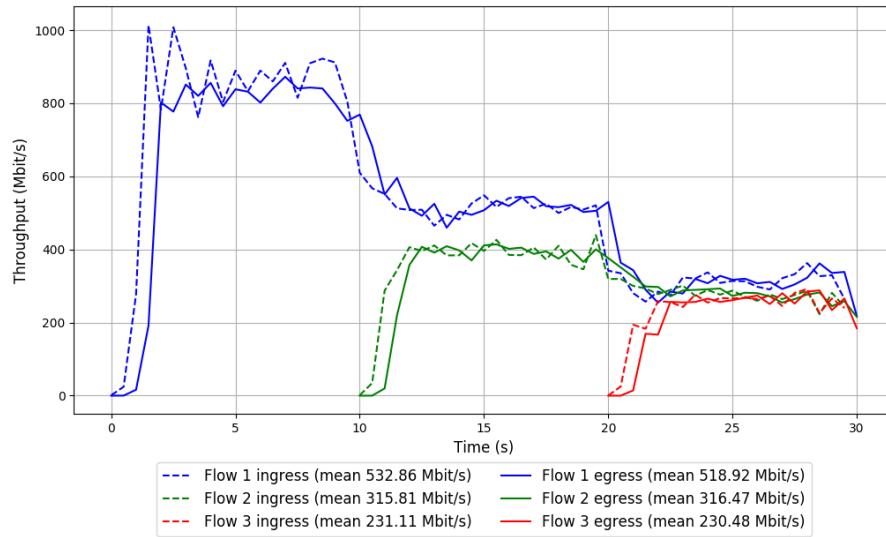


```
Run 1: Statistics of FillP

Start at: 2019-10-02 22:44:06
End at: 2019-10-02 22:44:36
Local clock offset: 0.158 ms
Remote clock offset: -0.018 ms

# Below is generated by plot.py at 2019-10-03 02:57:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 804.04 Mbit/s
95th percentile per-packet one-way delay: 149.391 ms
Loss rate: 2.44%
-- Flow 1:
Average throughput: 518.92 Mbit/s
95th percentile per-packet one-way delay: 151.439 ms
Loss rate: 3.19%
-- Flow 2:
Average throughput: 316.47 Mbit/s
95th percentile per-packet one-way delay: 91.851 ms
Loss rate: 0.66%
-- Flow 3:
Average throughput: 230.48 Mbit/s
95th percentile per-packet one-way delay: 92.283 ms
Loss rate: 2.09%
```

Run 1: Report of FillP — Data Link

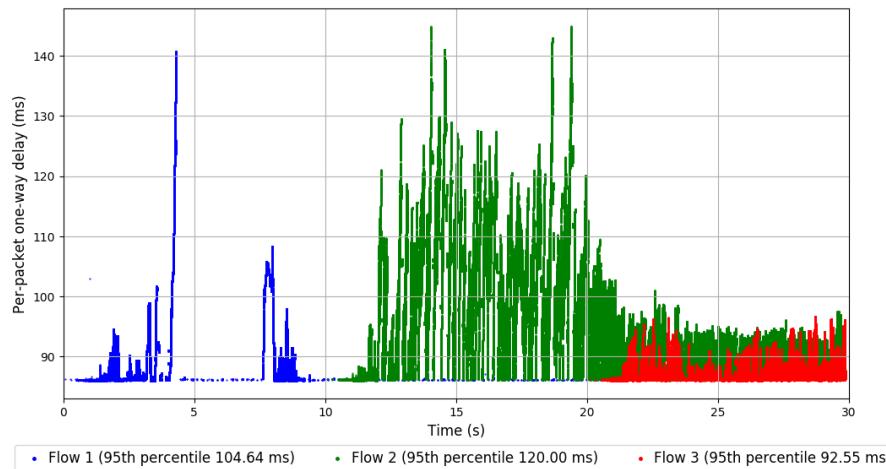
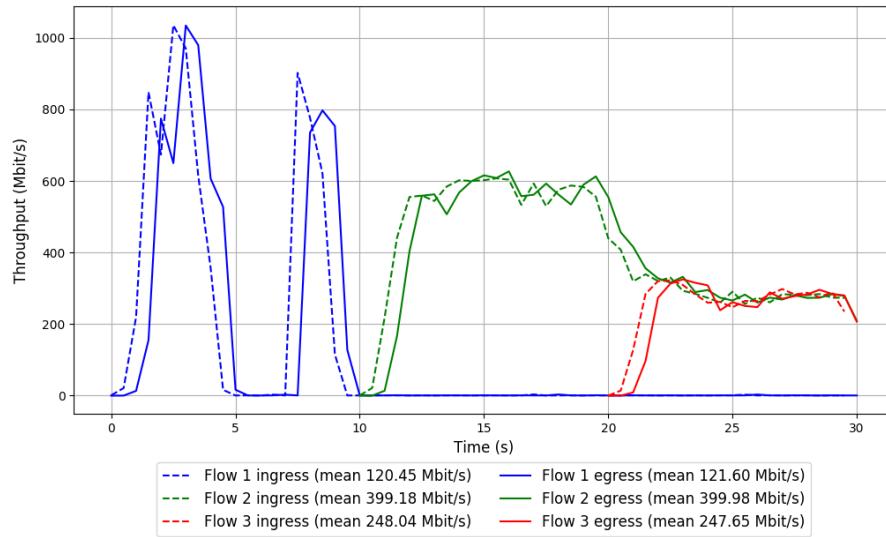


Run 2: Statistics of FillP

```
Start at: 2019-10-02 23:24:53
End at: 2019-10-02 23:25:23
Local clock offset: 0.231 ms
Remote clock offset: -0.052 ms

# Below is generated by plot.py at 2019-10-03 03:02:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 467.51 Mbit/s
95th percentile per-packet one-way delay: 116.171 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 121.60 Mbit/s
95th percentile per-packet one-way delay: 104.640 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 399.98 Mbit/s
95th percentile per-packet one-way delay: 120.004 ms
Loss rate: 0.74%
-- Flow 3:
Average throughput: 247.65 Mbit/s
95th percentile per-packet one-way delay: 92.546 ms
Loss rate: 1.66%
```

Run 2: Report of FillP — Data Link

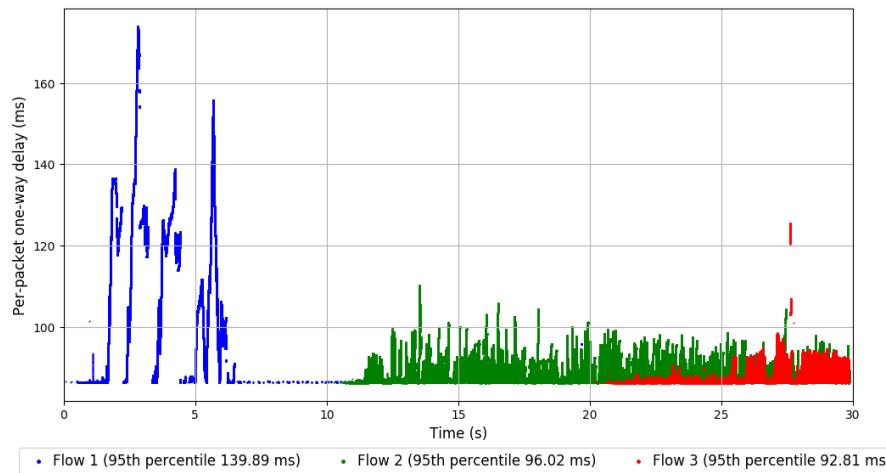
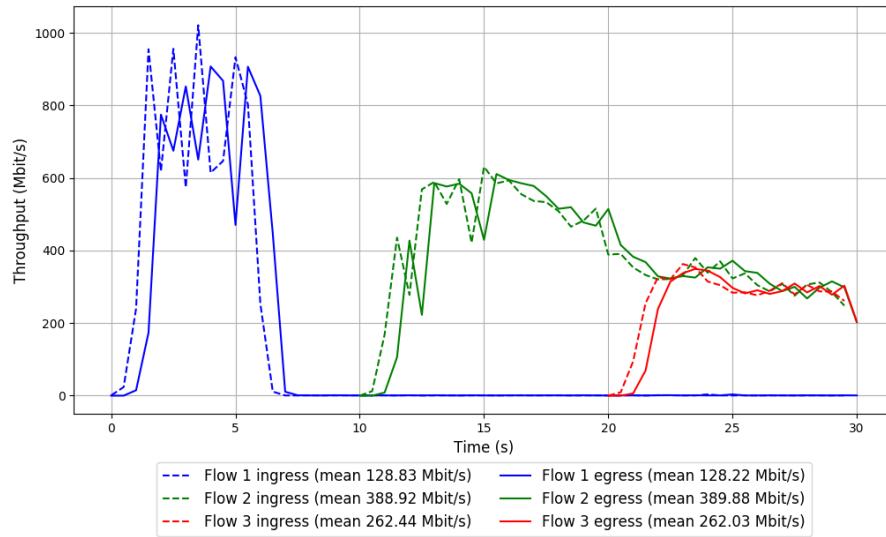


```
Run 3: Statistics of FillP
```

```
Start at: 2019-10-03 00:05:34
End at: 2019-10-03 00:06:04
Local clock offset: 0.316 ms
Remote clock offset: -0.083 ms

# Below is generated by plot.py at 2019-10-03 03:04:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 472.46 Mbit/s
95th percentile per-packet one-way delay: 128.701 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 128.22 Mbit/s
95th percentile per-packet one-way delay: 139.894 ms
Loss rate: 0.96%
-- Flow 2:
Average throughput: 389.88 Mbit/s
95th percentile per-packet one-way delay: 96.021 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 262.03 Mbit/s
95th percentile per-packet one-way delay: 92.815 ms
Loss rate: 1.91%
```

Run 3: Report of FillP — Data Link

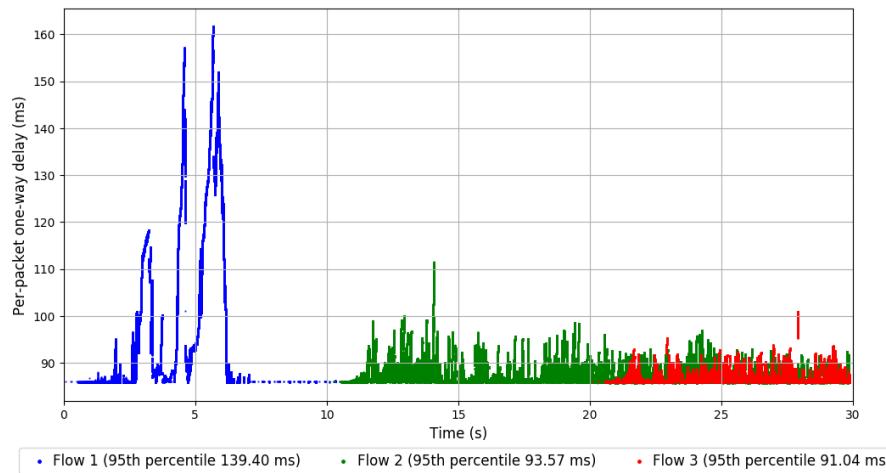
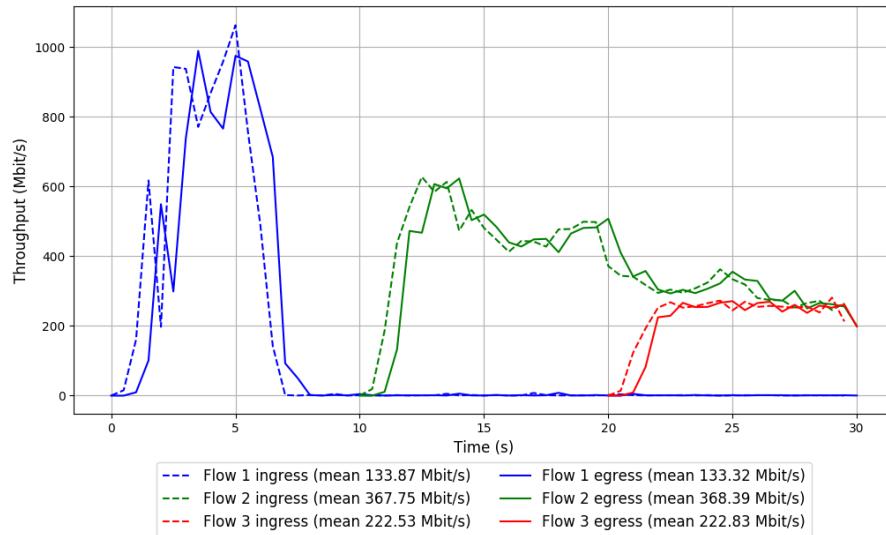


Run 4: Statistics of FillP

```
Start at: 2019-10-03 00:46:14
End at: 2019-10-03 00:46:44
Local clock offset: 0.063 ms
Remote clock offset: 0.05 ms

# Below is generated by plot.py at 2019-10-03 03:04:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 450.16 Mbit/s
95th percentile per-packet one-way delay: 125.168 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 133.32 Mbit/s
95th percentile per-packet one-way delay: 139.402 ms
Loss rate: 0.93%
-- Flow 2:
Average throughput: 368.39 Mbit/s
95th percentile per-packet one-way delay: 93.566 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 222.83 Mbit/s
95th percentile per-packet one-way delay: 91.038 ms
Loss rate: 1.61%
```

Run 4: Report of FillP — Data Link

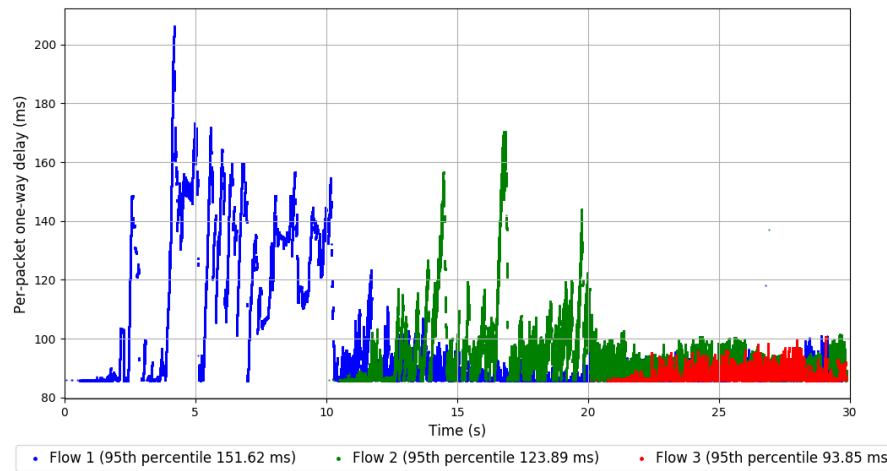
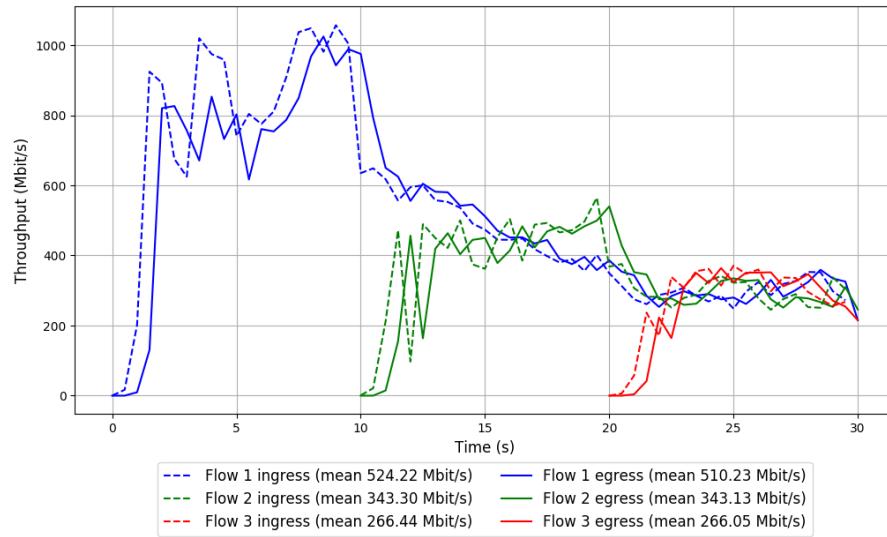


Run 5: Statistics of FillP

```
Start at: 2019-10-03 01:27:06
End at: 2019-10-03 01:27:36
Local clock offset: -0.424 ms
Remote clock offset: -0.053 ms

# Below is generated by plot.py at 2019-10-03 03:15:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 824.89 Mbit/s
95th percentile per-packet one-way delay: 148.321 ms
Loss rate: 2.47%
-- Flow 1:
Average throughput: 510.23 Mbit/s
95th percentile per-packet one-way delay: 151.616 ms
Loss rate: 3.24%
-- Flow 2:
Average throughput: 343.13 Mbit/s
95th percentile per-packet one-way delay: 123.894 ms
Loss rate: 0.92%
-- Flow 3:
Average throughput: 266.05 Mbit/s
95th percentile per-packet one-way delay: 93.848 ms
Loss rate: 1.93%
```

Run 5: Report of FillP — Data Link

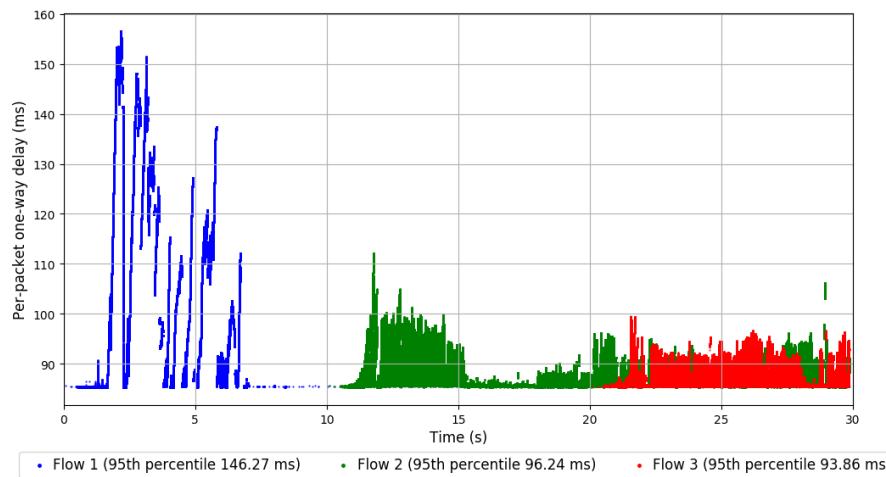
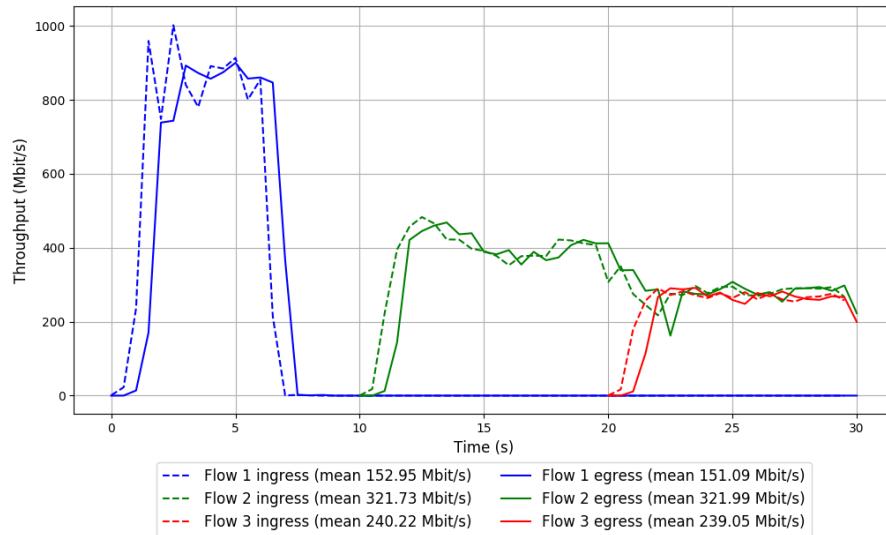


Run 1: Statistics of FillP-Sheep

```
Start at: 2019-10-02 22:57:23
End at: 2019-10-02 22:57:53
Local clock offset: -0.472 ms
Remote clock offset: -0.041 ms

# Below is generated by plot.py at 2019-10-03 03:15:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 443.17 Mbit/s
95th percentile per-packet one-way delay: 134.868 ms
Loss rate: 1.35%
-- Flow 1:
Average throughput: 151.09 Mbit/s
95th percentile per-packet one-way delay: 146.267 ms
Loss rate: 1.69%
-- Flow 2:
Average throughput: 321.99 Mbit/s
95th percentile per-packet one-way delay: 96.239 ms
Loss rate: 0.79%
-- Flow 3:
Average throughput: 239.05 Mbit/s
95th percentile per-packet one-way delay: 93.863 ms
Loss rate: 2.23%
```

Run 1: Report of FillP-Sheep — Data Link

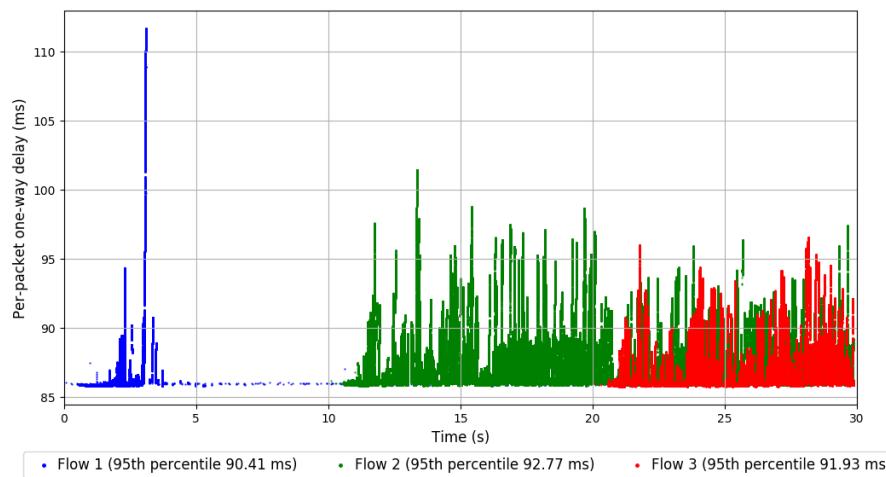
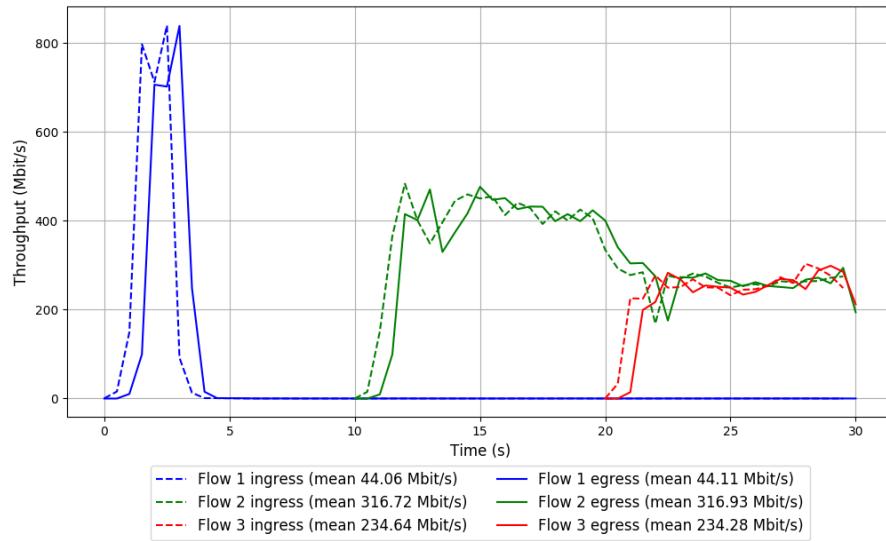


Run 2: Statistics of FillP-Sheep

```
Start at: 2019-10-02 23:37:58
End at: 2019-10-02 23:38:28
Local clock offset: -0.065 ms
Remote clock offset: -0.033 ms

# Below is generated by plot.py at 2019-10-03 03:15:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 331.25 Mbit/s
95th percentile per-packet one-way delay: 92.369 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 44.11 Mbit/s
95th percentile per-packet one-way delay: 90.413 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 316.93 Mbit/s
95th percentile per-packet one-way delay: 92.767 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 234.28 Mbit/s
95th percentile per-packet one-way delay: 91.930 ms
Loss rate: 1.91%
```

Run 2: Report of FillP-Sheep — Data Link

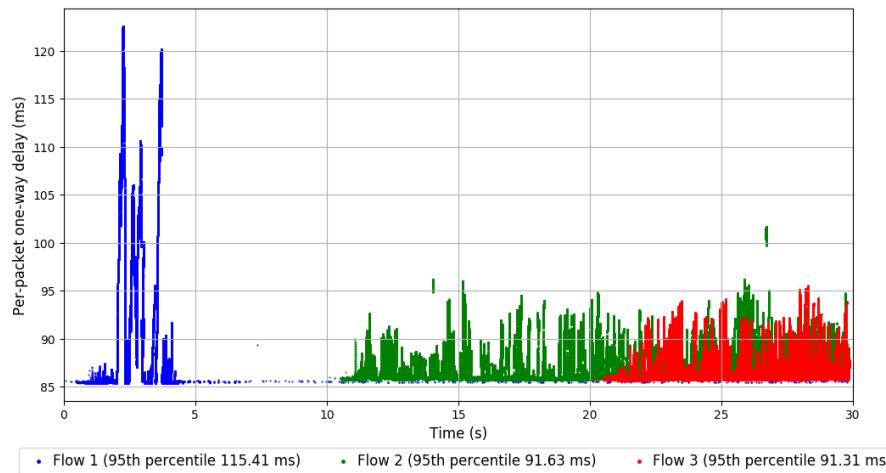
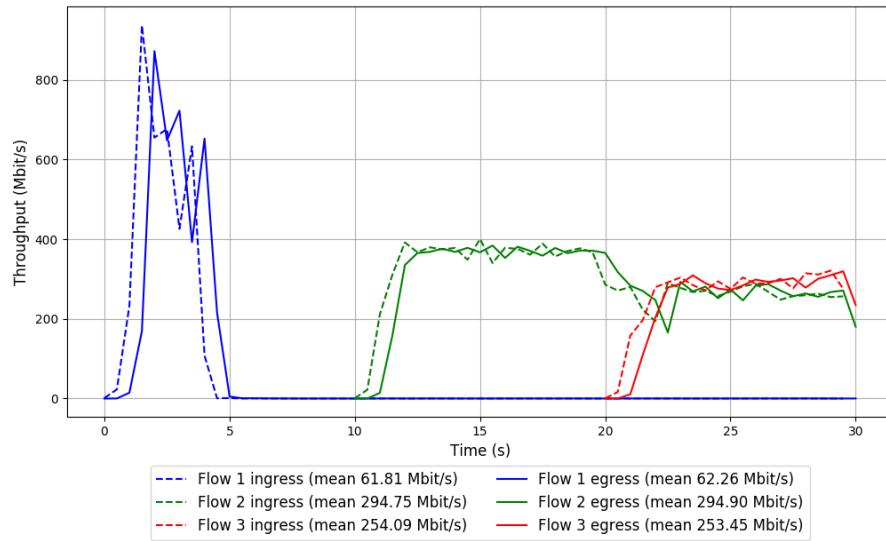


Run 3: Statistics of FillP-Sheep

```
Start at: 2019-10-03 00:18:38
End at: 2019-10-03 00:19:08
Local clock offset: -0.466 ms
Remote clock offset: -0.061 ms

# Below is generated by plot.py at 2019-10-03 03:15:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 340.99 Mbit/s
95th percentile per-packet one-way delay: 97.811 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 62.26 Mbit/s
95th percentile per-packet one-way delay: 115.412 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 294.90 Mbit/s
95th percentile per-packet one-way delay: 91.634 ms
Loss rate: 0.83%
-- Flow 3:
Average throughput: 253.45 Mbit/s
95th percentile per-packet one-way delay: 91.314 ms
Loss rate: 1.99%
```

Run 3: Report of FillP-Sheep — Data Link

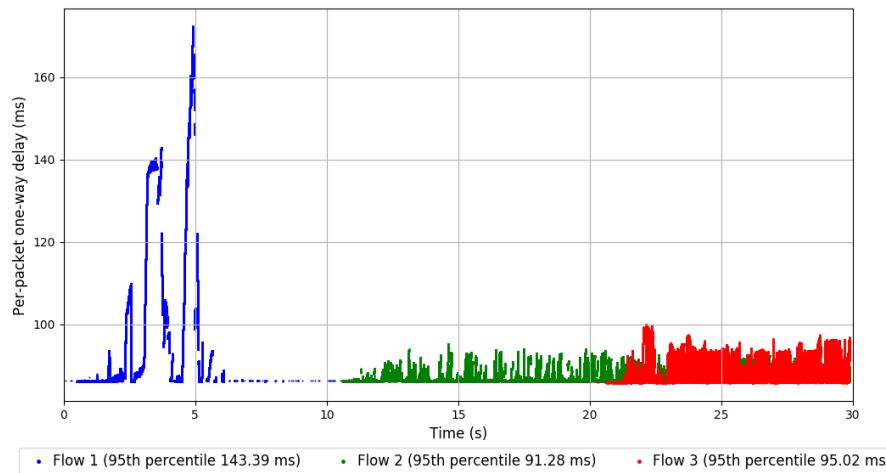
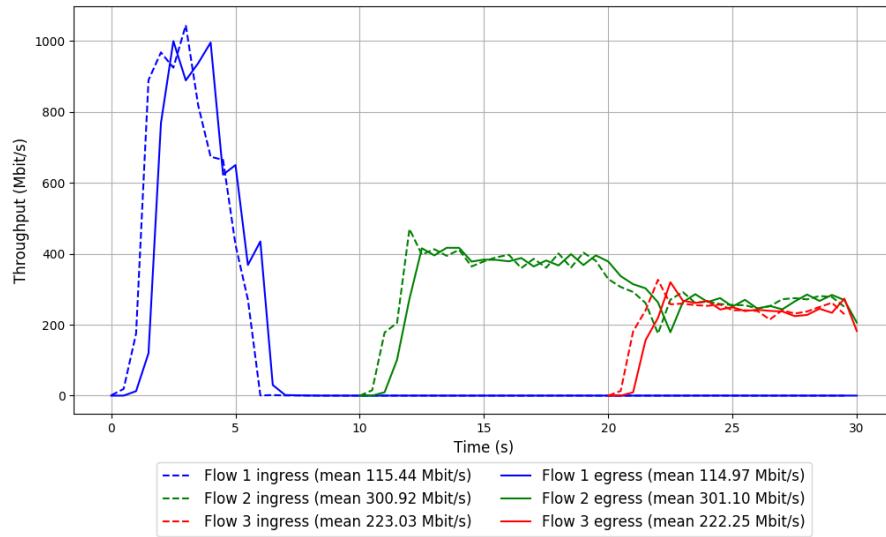


Run 4: Statistics of FillP-Sheep

```
Start at: 2019-10-03 00:59:25
End at: 2019-10-03 00:59:55
Local clock offset: 0.058 ms
Remote clock offset: -0.035 ms

# Below is generated by plot.py at 2019-10-03 03:15:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 387.40 Mbit/s
95th percentile per-packet one-way delay: 136.607 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 114.97 Mbit/s
95th percentile per-packet one-way delay: 143.387 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 301.10 Mbit/s
95th percentile per-packet one-way delay: 91.278 ms
Loss rate: 0.81%
-- Flow 3:
Average throughput: 222.25 Mbit/s
95th percentile per-packet one-way delay: 95.019 ms
Loss rate: 2.09%
```

Run 4: Report of FillP-Sheep — Data Link

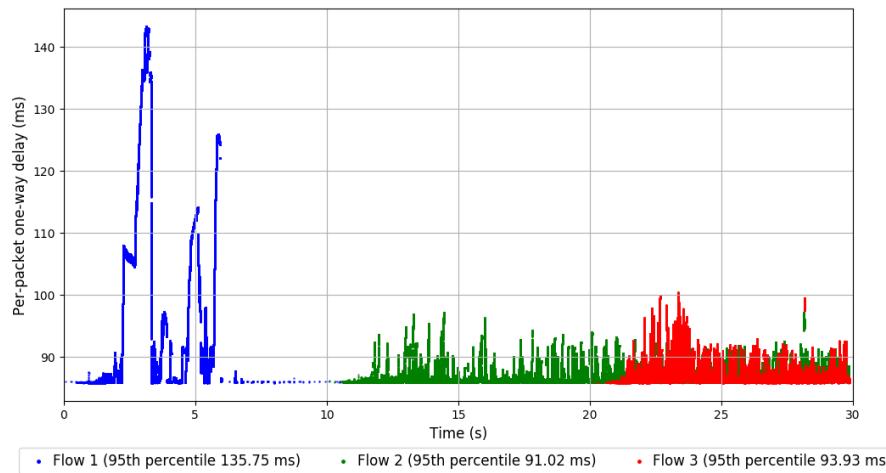
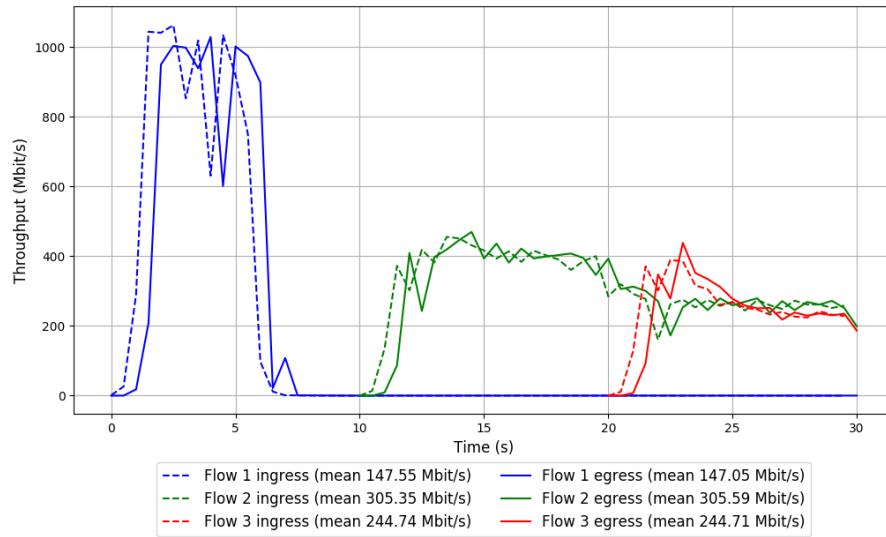


Run 5: Statistics of FillP-Sheep

```
Start at: 2019-10-03 01:40:31
End at: 2019-10-03 01:41:01
Local clock offset: -0.064 ms
Remote clock offset: -0.038 ms

# Below is generated by plot.py at 2019-10-03 03:15:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 429.89 Mbit/s
95th percentile per-packet one-way delay: 120.503 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 147.05 Mbit/s
95th percentile per-packet one-way delay: 135.745 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 305.59 Mbit/s
95th percentile per-packet one-way delay: 91.024 ms
Loss rate: 0.81%
-- Flow 3:
Average throughput: 244.71 Mbit/s
95th percentile per-packet one-way delay: 93.932 ms
Loss rate: 1.77%
```

Run 5: Report of FillP-Sheep — Data Link

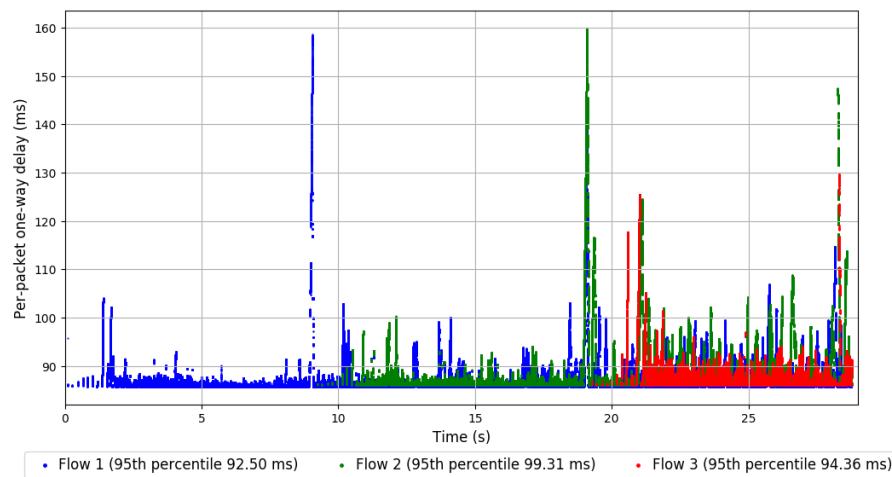
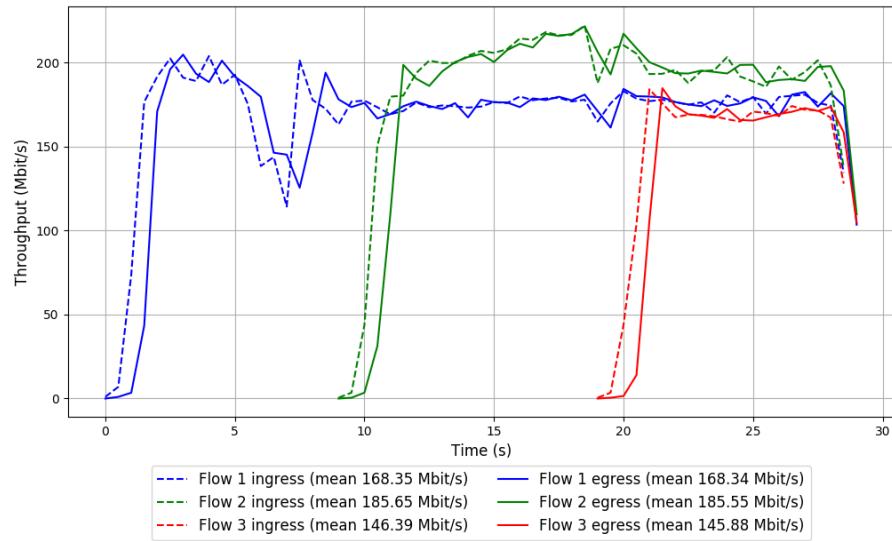


Run 1: Statistics of Indigo

```
Start at: 2019-10-02 23:10:52
End at: 2019-10-02 23:11:22
Local clock offset: -0.029 ms
Remote clock offset: -0.053 ms

# Below is generated by plot.py at 2019-10-03 03:16:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 343.20 Mbit/s
95th percentile per-packet one-way delay: 95.088 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 168.34 Mbit/s
95th percentile per-packet one-way delay: 92.505 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 185.55 Mbit/s
95th percentile per-packet one-way delay: 99.313 ms
Loss rate: 0.93%
-- Flow 3:
Average throughput: 145.88 Mbit/s
95th percentile per-packet one-way delay: 94.357 ms
Loss rate: 2.12%
```

Run 1: Report of Indigo — Data Link

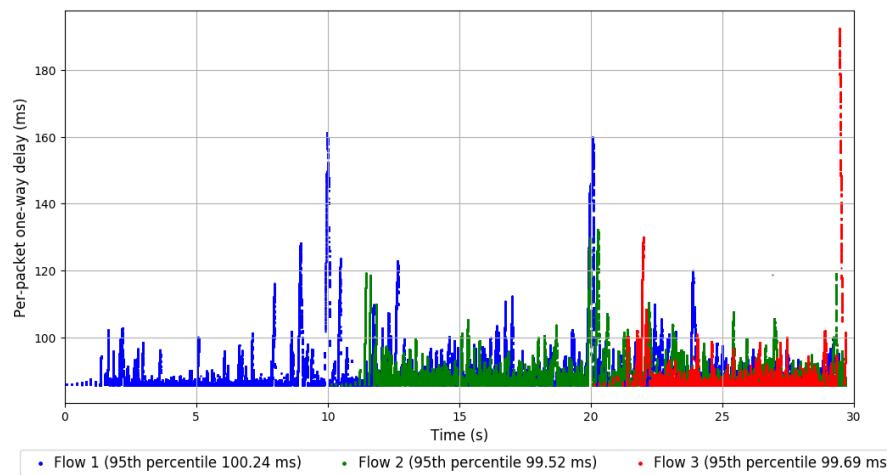
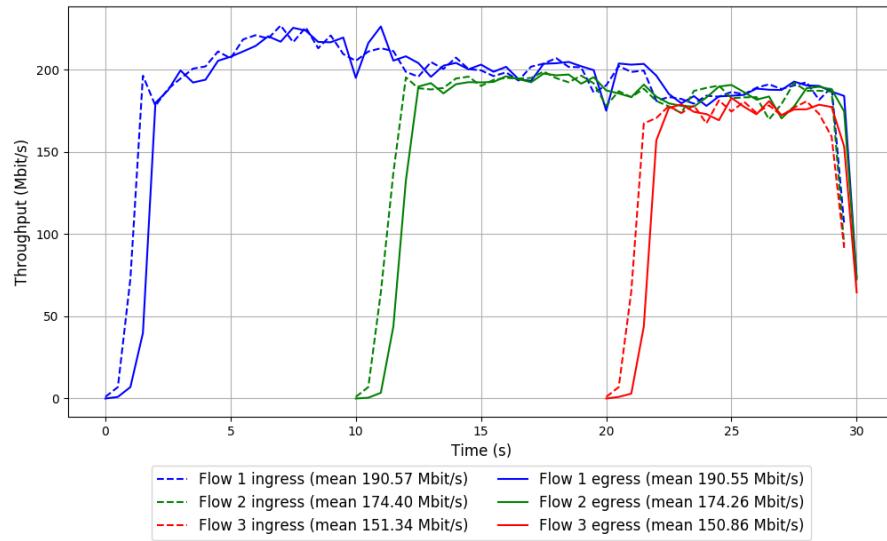


Run 2: Statistics of Indigo

```
Start at: 2019-10-02 23:51:21
End at: 2019-10-02 23:51:51
Local clock offset: -0.154 ms
Remote clock offset: -0.064 ms

# Below is generated by plot.py at 2019-10-03 03:18:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 354.50 Mbit/s
95th percentile per-packet one-way delay: 99.847 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 190.55 Mbit/s
95th percentile per-packet one-way delay: 100.240 ms
Loss rate: 0.59%
-- Flow 2:
Average throughput: 174.26 Mbit/s
95th percentile per-packet one-way delay: 99.523 ms
Loss rate: 0.93%
-- Flow 3:
Average throughput: 150.86 Mbit/s
95th percentile per-packet one-way delay: 99.692 ms
Loss rate: 2.08%
```

Run 2: Report of Indigo — Data Link

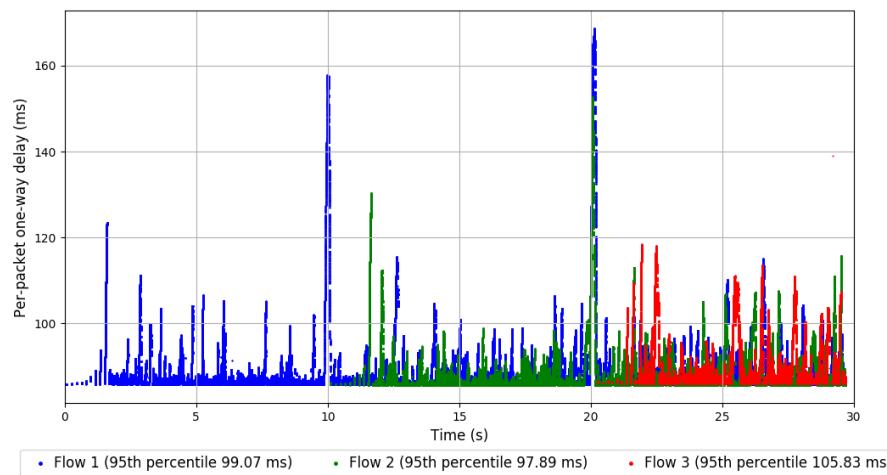
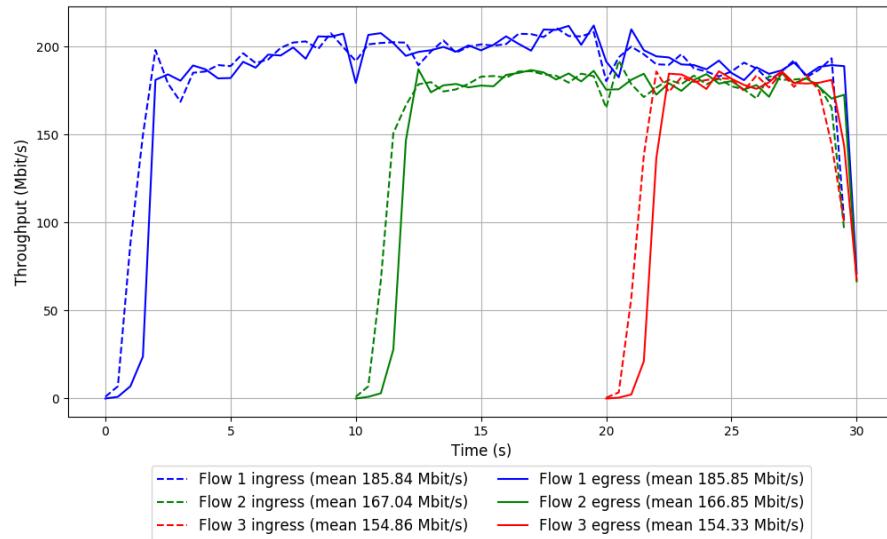


Run 3: Statistics of Indigo

```
Start at: 2019-10-03 00:31:59
End at: 2019-10-03 00:32:29
Local clock offset: -0.049 ms
Remote clock offset: 0.038 ms

# Below is generated by plot.py at 2019-10-03 03:19:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 345.26 Mbit/s
95th percentile per-packet one-way delay: 100.256 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 185.85 Mbit/s
95th percentile per-packet one-way delay: 99.074 ms
Loss rate: 0.57%
-- Flow 2:
Average throughput: 166.85 Mbit/s
95th percentile per-packet one-way delay: 97.891 ms
Loss rate: 0.98%
-- Flow 3:
Average throughput: 154.33 Mbit/s
95th percentile per-packet one-way delay: 105.832 ms
Loss rate: 2.12%
```

Run 3: Report of Indigo — Data Link

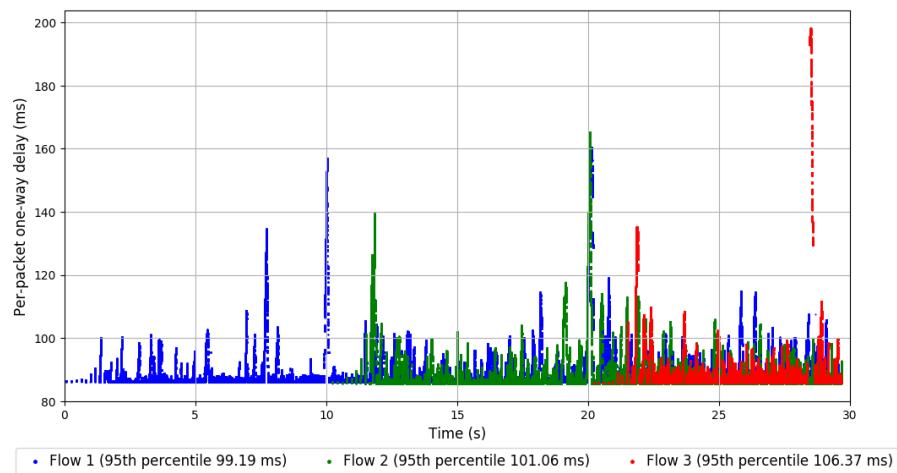
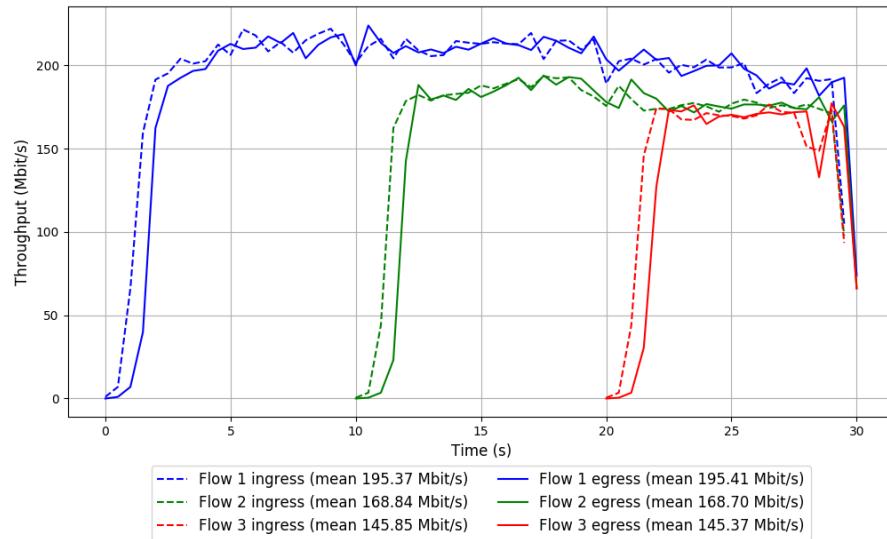


Run 4: Statistics of Indigo

```
Start at: 2019-10-03 01:12:55
End at: 2019-10-03 01:13:25
Local clock offset: -0.087 ms
Remote clock offset: -0.076 ms

# Below is generated by plot.py at 2019-10-03 03:19:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 352.72 Mbit/s
95th percentile per-packet one-way delay: 100.161 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 195.41 Mbit/s
95th percentile per-packet one-way delay: 99.194 ms
Loss rate: 0.57%
-- Flow 2:
Average throughput: 168.70 Mbit/s
95th percentile per-packet one-way delay: 101.062 ms
Loss rate: 0.96%
-- Flow 3:
Average throughput: 145.37 Mbit/s
95th percentile per-packet one-way delay: 106.372 ms
Loss rate: 2.12%
```

Run 4: Report of Indigo — Data Link

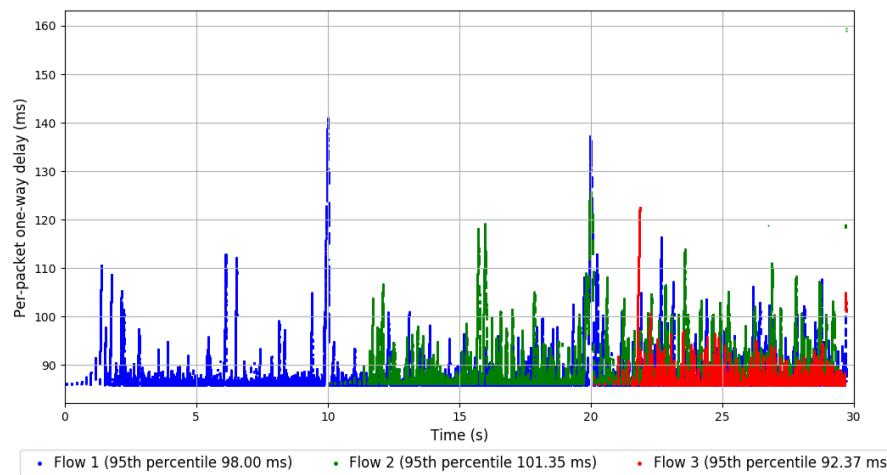
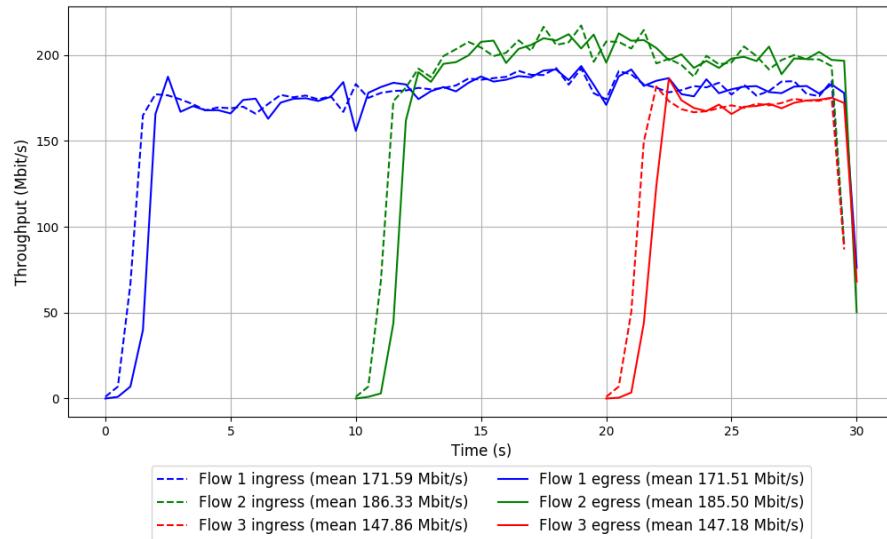


Run 5: Statistics of Indigo

```
Start at: 2019-10-03 01:53:57
End at: 2019-10-03 01:54:27
Local clock offset: -0.061 ms
Remote clock offset: -0.039 ms

# Below is generated by plot.py at 2019-10-03 03:19:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 341.82 Mbit/s
95th percentile per-packet one-way delay: 99.182 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 171.51 Mbit/s
95th percentile per-packet one-way delay: 98.001 ms
Loss rate: 0.48%
-- Flow 2:
Average throughput: 185.50 Mbit/s
95th percentile per-packet one-way delay: 101.348 ms
Loss rate: 0.95%
-- Flow 3:
Average throughput: 147.18 Mbit/s
95th percentile per-packet one-way delay: 92.371 ms
Loss rate: 1.78%
```

Run 5: Report of Indigo — Data Link

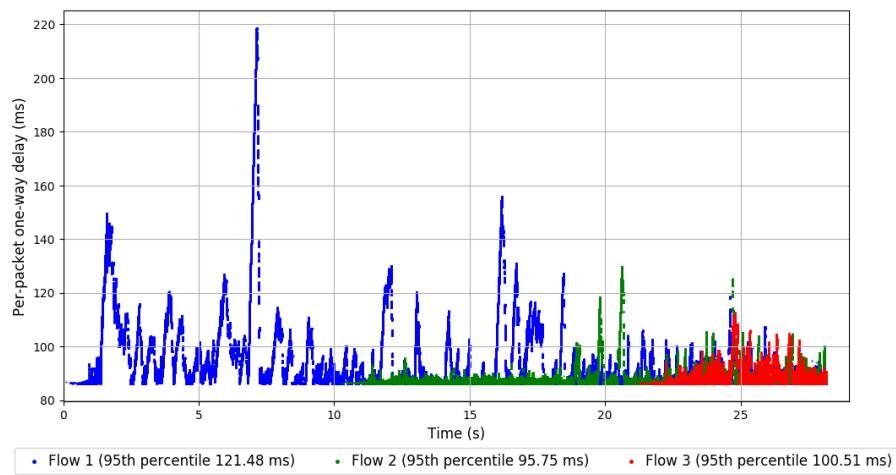
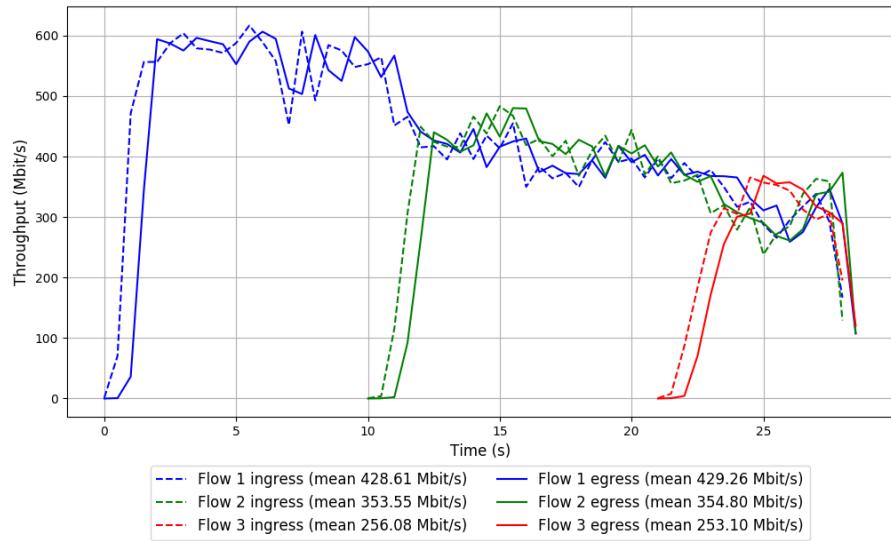


Run 1: Statistics of Indigo-MusesC3

```
Start at: 2019-10-02 23:17:55
End at: 2019-10-02 23:18:25
Local clock offset: 0.427 ms
Remote clock offset: -0.035 ms

# Below is generated by plot.py at 2019-10-03 03:24:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 718.79 Mbit/s
95th percentile per-packet one-way delay: 113.906 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 429.26 Mbit/s
95th percentile per-packet one-way delay: 121.483 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 354.80 Mbit/s
95th percentile per-packet one-way delay: 95.753 ms
Loss rate: 0.60%
-- Flow 3:
Average throughput: 253.10 Mbit/s
95th percentile per-packet one-way delay: 100.512 ms
Loss rate: 3.53%
```

Run 1: Report of Indigo-MusesC3 — Data Link

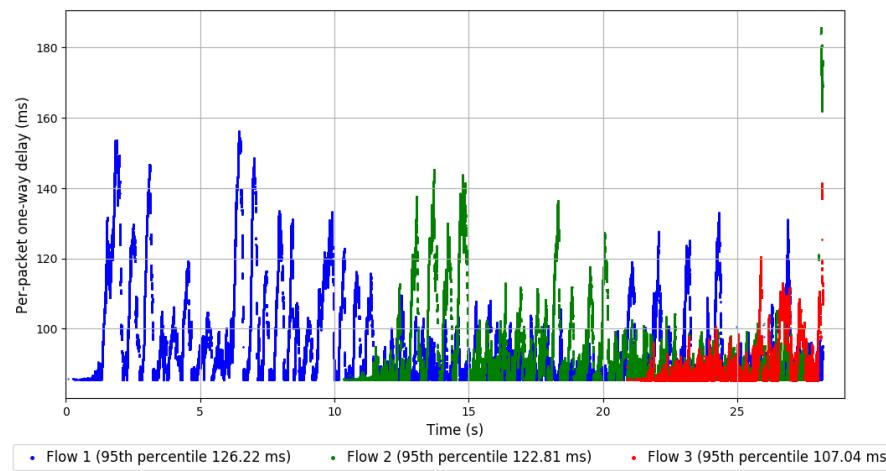
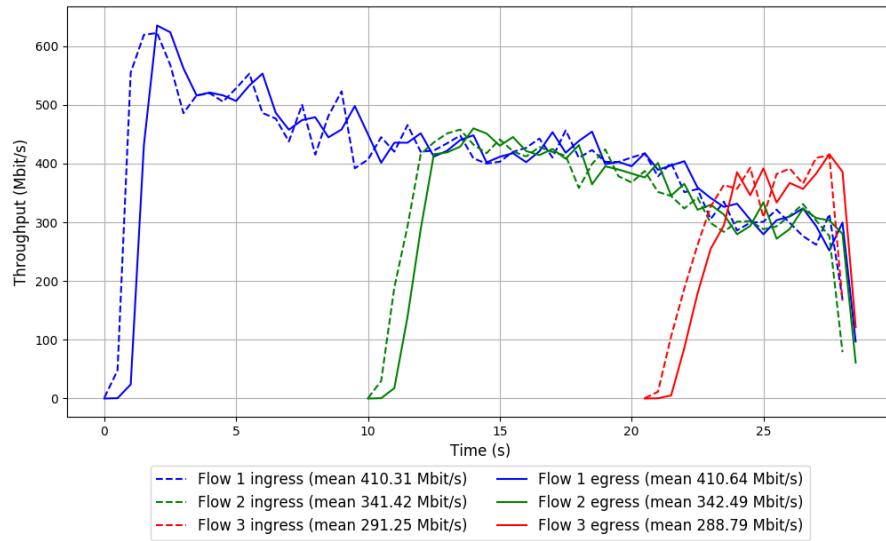


Run 2: Statistics of Indigo-MusesC3

```
Start at: 2019-10-02 23:58:34
End at: 2019-10-02 23:59:04
Local clock offset: -0.558 ms
Remote clock offset: -0.1 ms

# Below is generated by plot.py at 2019-10-03 03:29:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 706.80 Mbit/s
95th percentile per-packet one-way delay: 123.849 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 410.64 Mbit/s
95th percentile per-packet one-way delay: 126.221 ms
Loss rate: 0.54%
-- Flow 2:
Average throughput: 342.49 Mbit/s
95th percentile per-packet one-way delay: 122.810 ms
Loss rate: 0.65%
-- Flow 3:
Average throughput: 288.79 Mbit/s
95th percentile per-packet one-way delay: 107.037 ms
Loss rate: 3.11%
```

Run 2: Report of Indigo-MusesC3 — Data Link

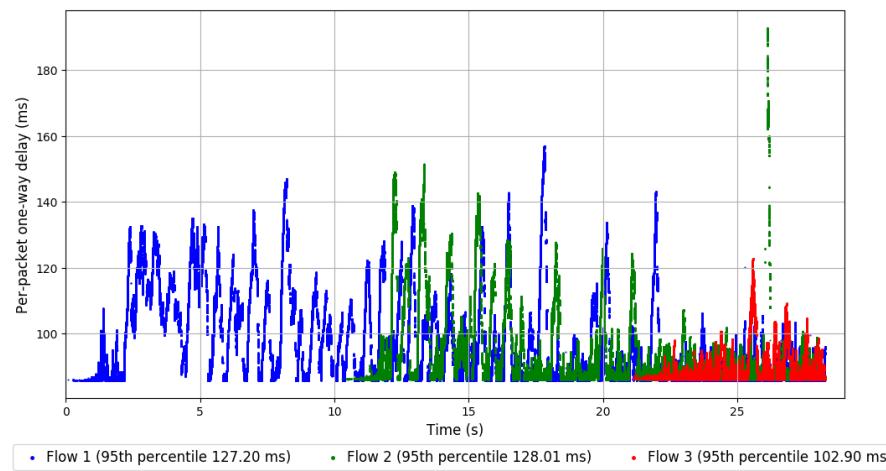
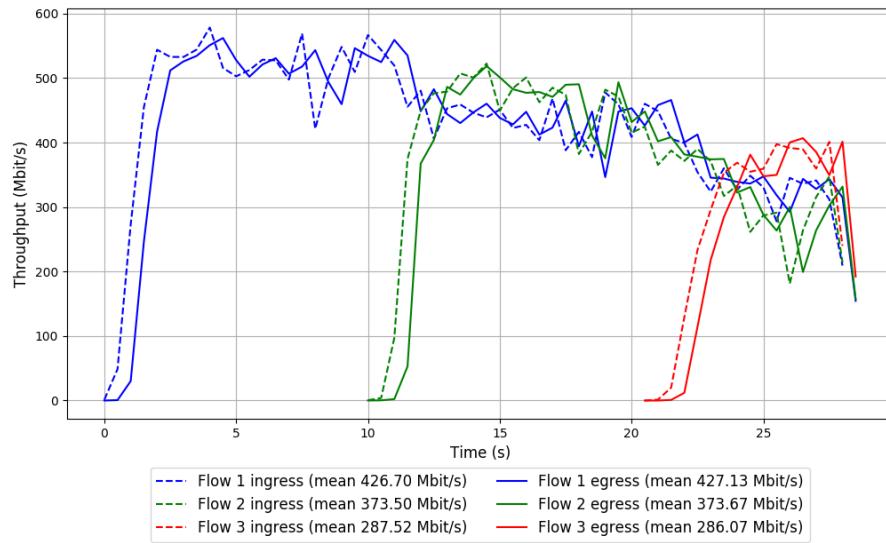


Run 3: Statistics of Indigo-MusesC3

```
Start at: 2019-10-03 00:39:10
End at: 2019-10-03 00:39:40
Local clock offset: 0.04 ms
Remote clock offset: 0.039 ms

# Below is generated by plot.py at 2019-10-03 03:31:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 739.58 Mbit/s
95th percentile per-packet one-way delay: 126.468 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 427.13 Mbit/s
95th percentile per-packet one-way delay: 127.203 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 373.67 Mbit/s
95th percentile per-packet one-way delay: 128.015 ms
Loss rate: 0.91%
-- Flow 3:
Average throughput: 286.07 Mbit/s
95th percentile per-packet one-way delay: 102.899 ms
Loss rate: 2.81%
```

Run 3: Report of Indigo-MusesC3 — Data Link

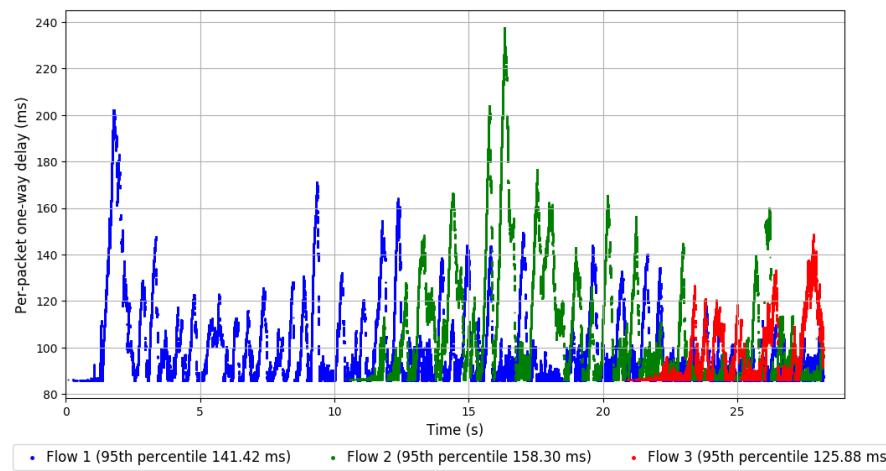
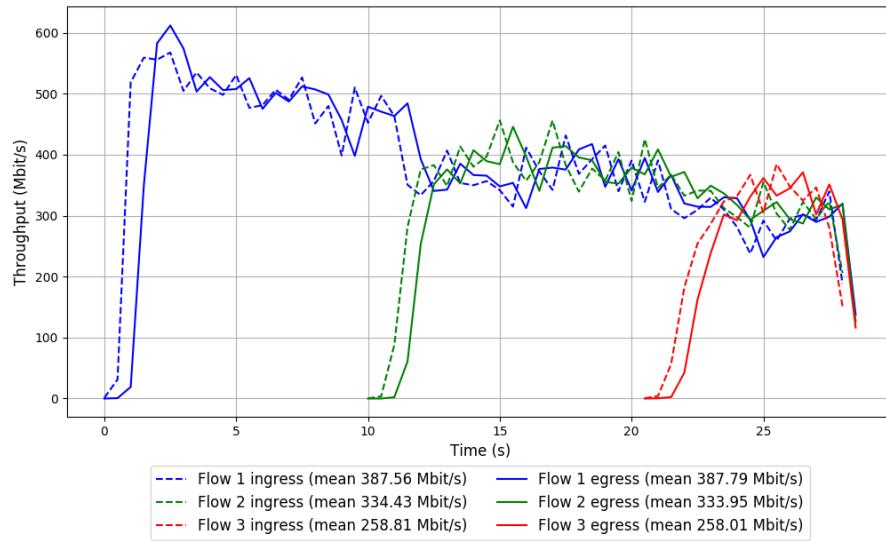


Run 4: Statistics of Indigo-MusesC3

```
Start at: 2019-10-03 01:20:05
End at: 2019-10-03 01:20:35
Local clock offset: -0.003 ms
Remote clock offset: -0.077 ms

# Below is generated by plot.py at 2019-10-03 03:31:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 667.63 Mbit/s
95th percentile per-packet one-way delay: 148.474 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 387.79 Mbit/s
95th percentile per-packet one-way delay: 141.421 ms
Loss rate: 0.56%
-- Flow 2:
Average throughput: 333.95 Mbit/s
95th percentile per-packet one-way delay: 158.299 ms
Loss rate: 1.11%
-- Flow 3:
Average throughput: 258.01 Mbit/s
95th percentile per-packet one-way delay: 125.880 ms
Loss rate: 2.57%
```

Run 4: Report of Indigo-MusesC3 — Data Link

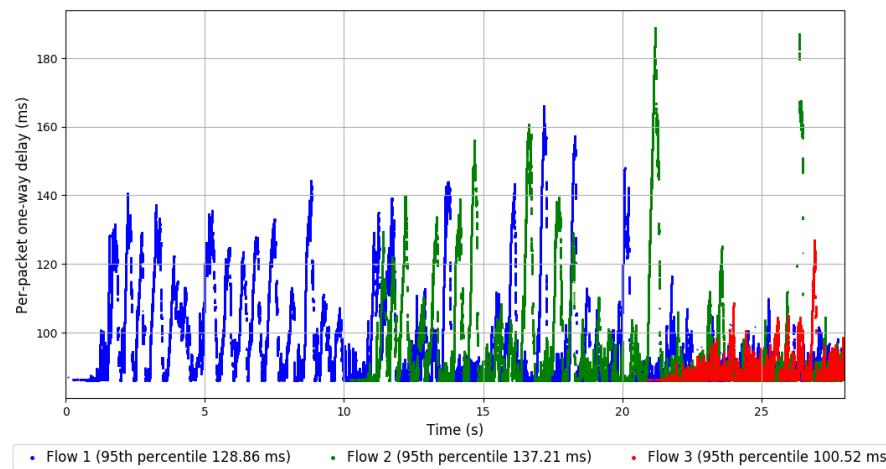
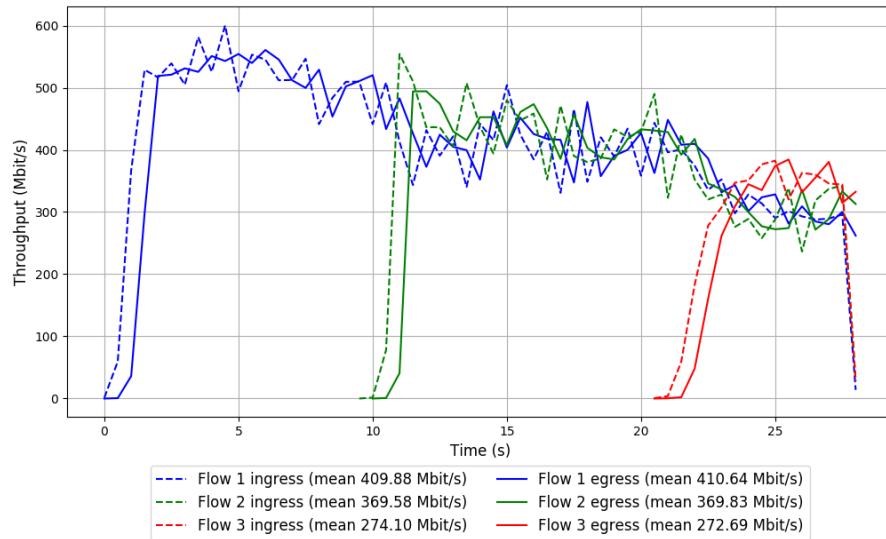


Run 5: Statistics of Indigo-MusesC3

```
Start at: 2019-10-03 02:01:01
End at: 2019-10-03 02:01:31
Local clock offset: 0.324 ms
Remote clock offset: -0.125 ms

# Below is generated by plot.py at 2019-10-03 03:34:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 718.85 Mbit/s
95th percentile per-packet one-way delay: 129.876 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 410.64 Mbit/s
95th percentile per-packet one-way delay: 128.857 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 369.83 Mbit/s
95th percentile per-packet one-way delay: 137.214 ms
Loss rate: 0.89%
-- Flow 3:
Average throughput: 272.69 Mbit/s
95th percentile per-packet one-way delay: 100.520 ms
Loss rate: 2.84%
```

Run 5: Report of Indigo-MusesC3 — Data Link

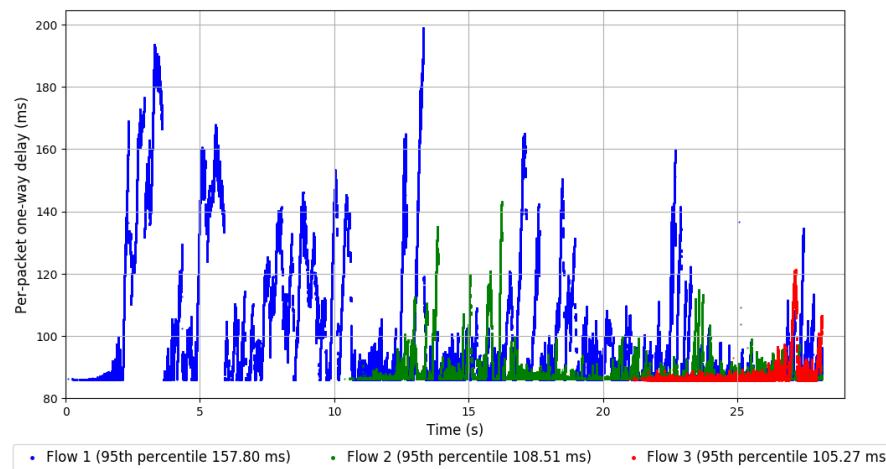
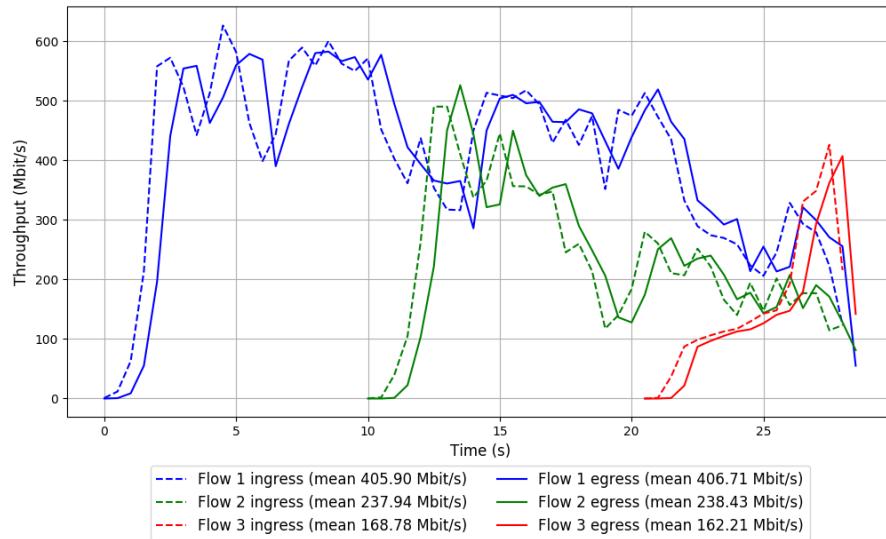


Run 1: Statistics of Indigo-MusesC5

```
Start at: 2019-10-02 22:45:57
End at: 2019-10-02 22:46:27
Local clock offset: -0.079 ms
Remote clock offset: -0.001 ms

# Below is generated by plot.py at 2019-10-03 03:34:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 599.43 Mbit/s
95th percentile per-packet one-way delay: 149.264 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 406.71 Mbit/s
95th percentile per-packet one-way delay: 157.803 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 238.43 Mbit/s
95th percentile per-packet one-way delay: 108.507 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 162.21 Mbit/s
95th percentile per-packet one-way delay: 105.271 ms
Loss rate: 6.22%
```

Run 1: Report of Indigo-MusesC5 — Data Link

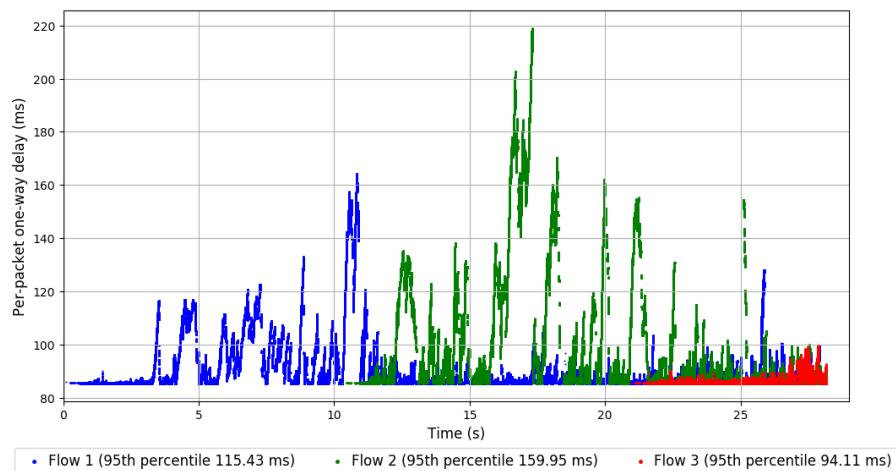
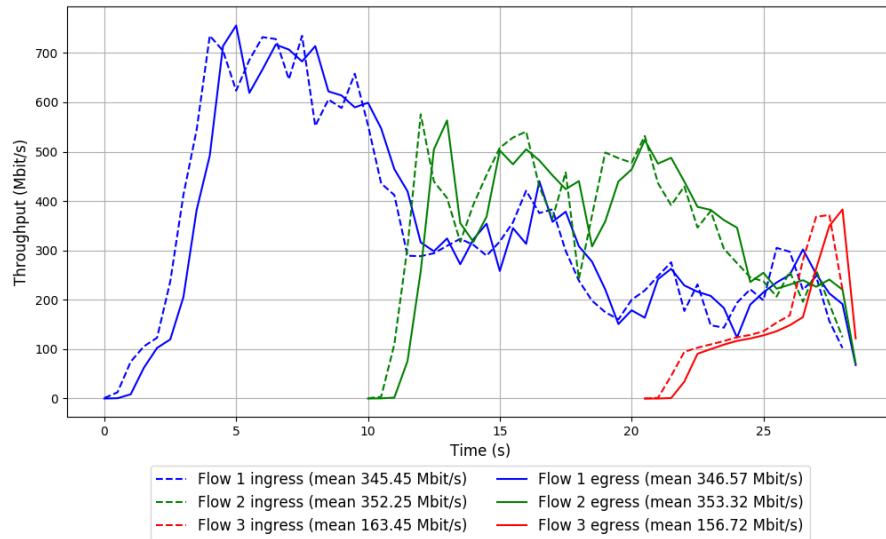


Run 2: Statistics of Indigo-MusesC5

```
Start at: 2019-10-02 23:26:30
End at: 2019-10-02 23:27:00
Local clock offset: -0.366 ms
Remote clock offset: -0.016 ms

# Below is generated by plot.py at 2019-10-03 03:34:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 611.98 Mbit/s
95th percentile per-packet one-way delay: 138.994 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 346.57 Mbit/s
95th percentile per-packet one-way delay: 115.434 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 353.32 Mbit/s
95th percentile per-packet one-way delay: 159.954 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 156.72 Mbit/s
95th percentile per-packet one-way delay: 94.107 ms
Loss rate: 6.40%
```

Run 2: Report of Indigo-MusesC5 — Data Link

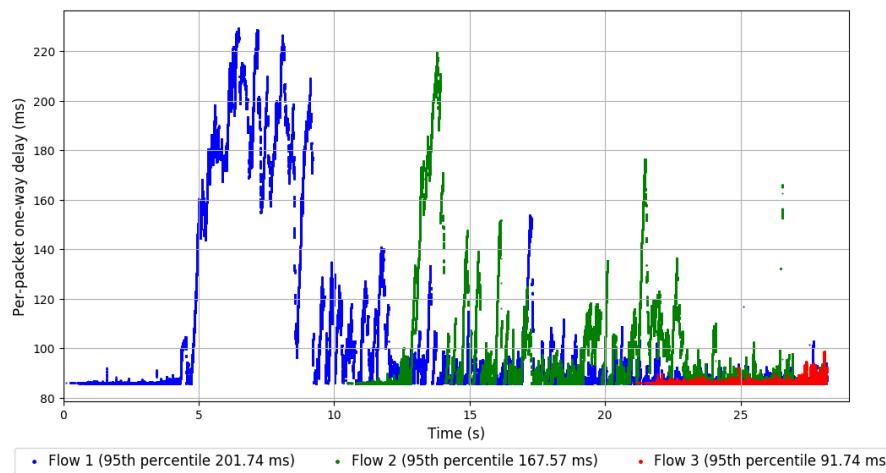
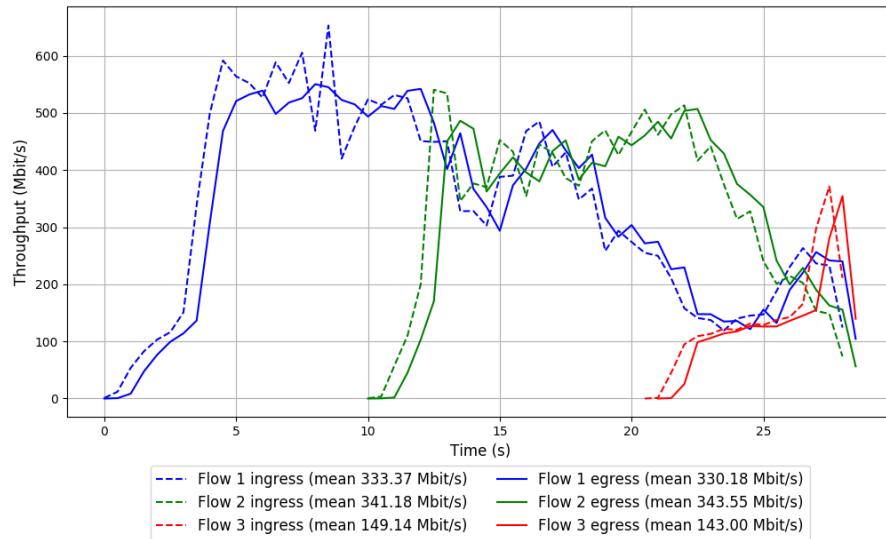


Run 3: Statistics of Indigo-MusesC5

```
Start at: 2019-10-03 00:07:11
End at: 2019-10-03 00:07:41
Local clock offset: -0.088 ms
Remote clock offset: -0.092 ms

# Below is generated by plot.py at 2019-10-03 03:34:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 585.00 Mbit/s
95th percentile per-packet one-way delay: 194.991 ms
Loss rate: 1.43%
-- Flow 1:
Average throughput: 330.18 Mbit/s
95th percentile per-packet one-way delay: 201.738 ms
Loss rate: 1.56%
-- Flow 2:
Average throughput: 343.55 Mbit/s
95th percentile per-packet one-way delay: 167.571 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 143.00 Mbit/s
95th percentile per-packet one-way delay: 91.742 ms
Loss rate: 6.37%
```

Run 3: Report of Indigo-MusesC5 — Data Link

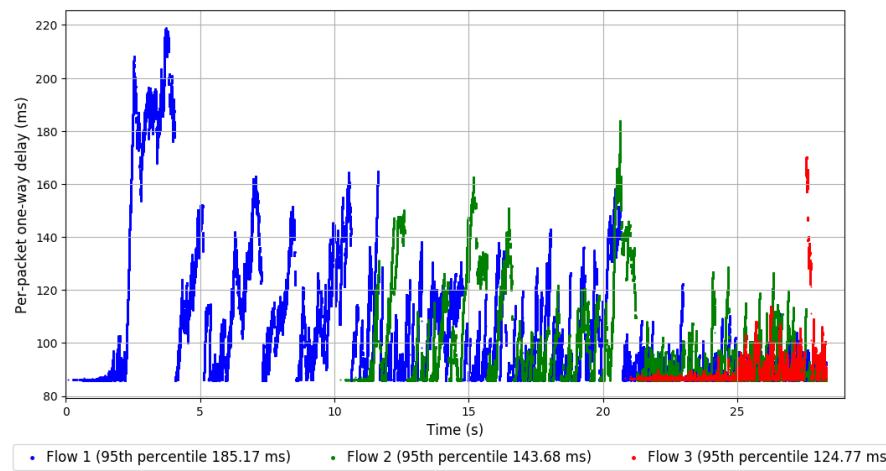
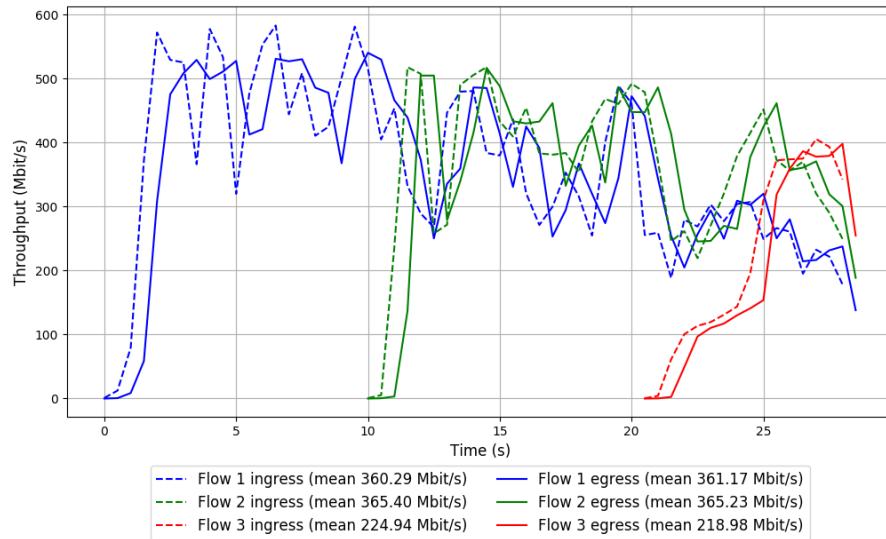


Run 4: Statistics of Indigo-MusesC5

```
Start at: 2019-10-03 00:47:51
End at: 2019-10-03 00:48:21
Local clock offset: 0.243 ms
Remote clock offset: 0.042 ms

# Below is generated by plot.py at 2019-10-03 03:39:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 653.02 Mbit/s
95th percentile per-packet one-way delay: 159.593 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 361.17 Mbit/s
95th percentile per-packet one-way delay: 185.171 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 365.23 Mbit/s
95th percentile per-packet one-way delay: 143.680 ms
Loss rate: 0.99%
-- Flow 3:
Average throughput: 218.98 Mbit/s
95th percentile per-packet one-way delay: 124.771 ms
Loss rate: 4.84%
```

Run 4: Report of Indigo-MusesC5 — Data Link

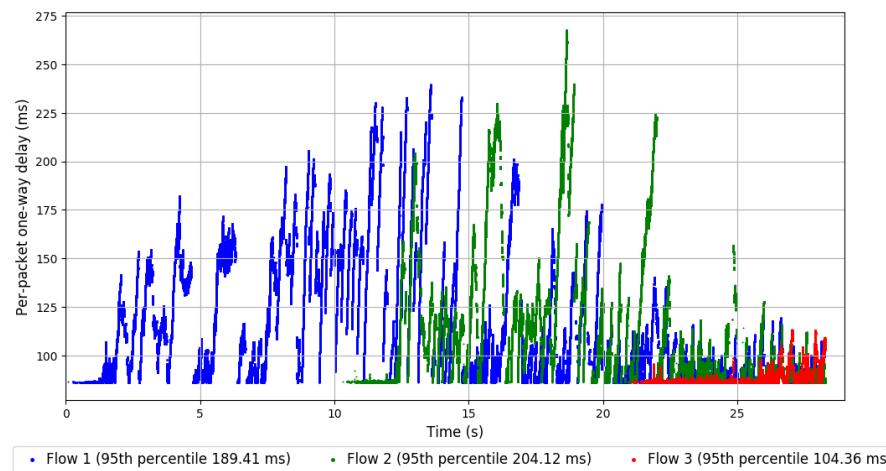
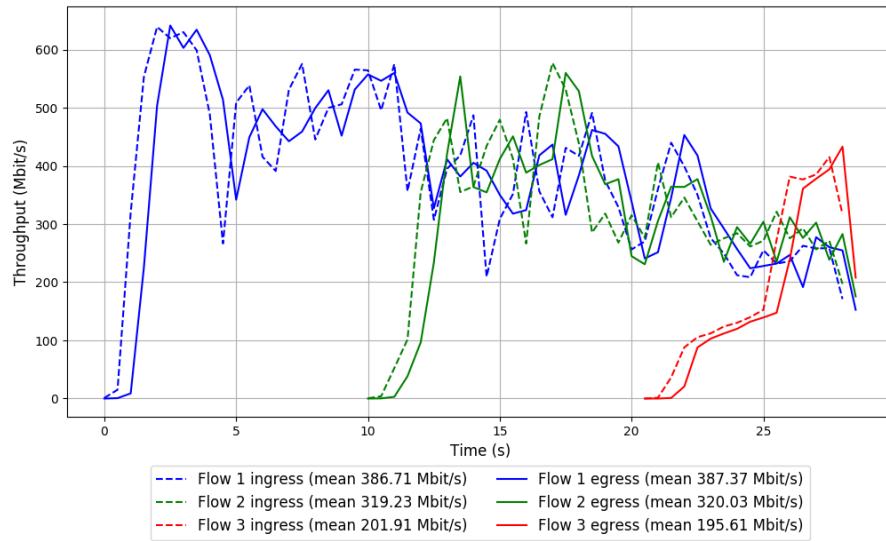


Run 5: Statistics of Indigo-MusesC5

```
Start at: 2019-10-03 01:29:00
End at: 2019-10-03 01:29:30
Local clock offset: 0.397 ms
Remote clock offset: -0.038 ms

# Below is generated by plot.py at 2019-10-03 03:43:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 641.99 Mbit/s
95th percentile per-packet one-way delay: 191.509 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 387.37 Mbit/s
95th percentile per-packet one-way delay: 189.410 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 320.03 Mbit/s
95th percentile per-packet one-way delay: 204.118 ms
Loss rate: 0.73%
-- Flow 3:
Average throughput: 195.61 Mbit/s
95th percentile per-packet one-way delay: 104.359 ms
Loss rate: 5.34%
```

Run 5: Report of Indigo-MusesC5 — Data Link

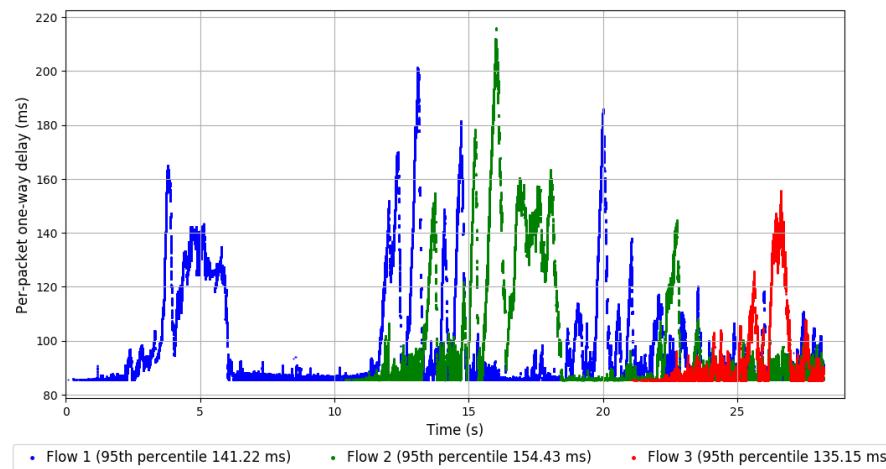
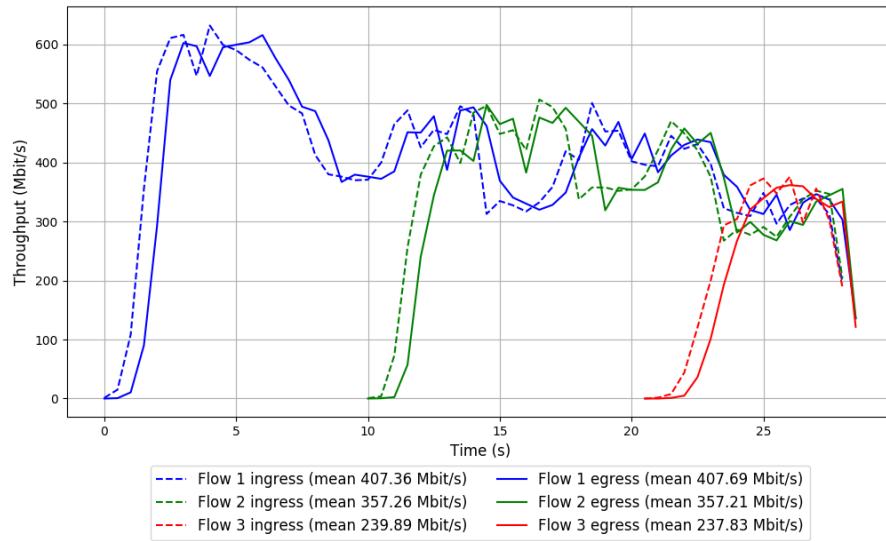


Run 1: Statistics of Indigo-MusesD

```
Start at: 2019-10-02 23:02:11
End at: 2019-10-02 23:02:41
Local clock offset: -0.444 ms
Remote clock offset: -0.044 ms

# Below is generated by plot.py at 2019-10-03 03:47:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 697.42 Mbit/s
95th percentile per-packet one-way delay: 149.124 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 407.69 Mbit/s
95th percentile per-packet one-way delay: 141.221 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 357.21 Mbit/s
95th percentile per-packet one-way delay: 154.428 ms
Loss rate: 0.97%
-- Flow 3:
Average throughput: 237.83 Mbit/s
95th percentile per-packet one-way delay: 135.152 ms
Loss rate: 3.15%
```

Run 1: Report of Indigo-MusesD — Data Link

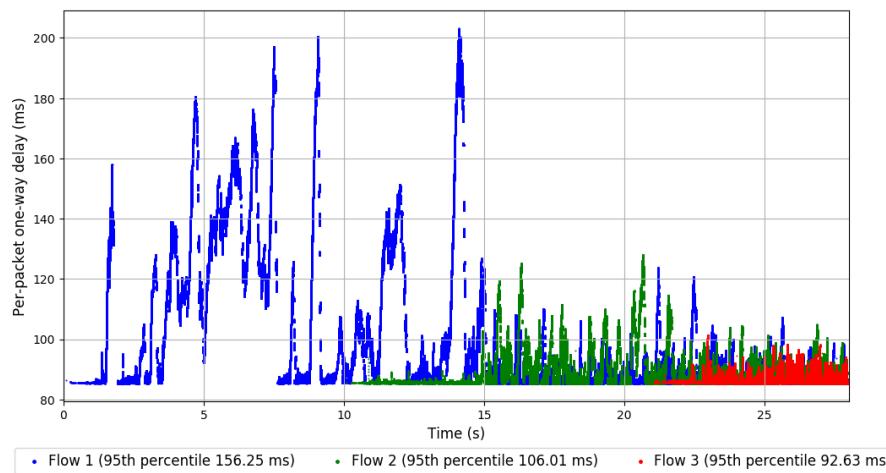
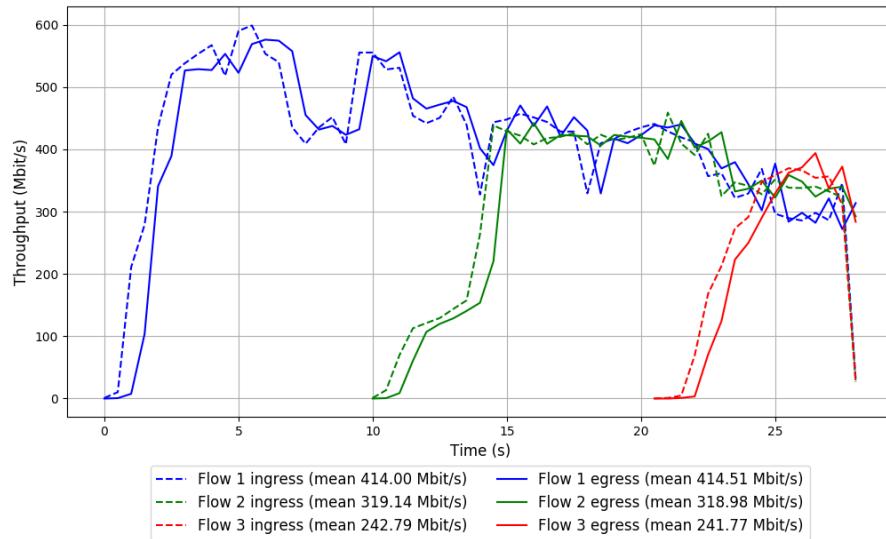


Run 2: Statistics of Indigo-MusesD

```
Start at: 2019-10-02 23:42:41
End at: 2019-10-02 23:43:11
Local clock offset: -0.481 ms
Remote clock offset: -0.044 ms

# Below is generated by plot.py at 2019-10-03 03:47:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 680.25 Mbit/s
95th percentile per-packet one-way delay: 143.867 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 414.51 Mbit/s
95th percentile per-packet one-way delay: 156.255 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 318.98 Mbit/s
95th percentile per-packet one-way delay: 106.009 ms
Loss rate: 1.01%
-- Flow 3:
Average throughput: 241.77 Mbit/s
95th percentile per-packet one-way delay: 92.630 ms
Loss rate: 2.81%
```

Run 2: Report of Indigo-MusesD — Data Link

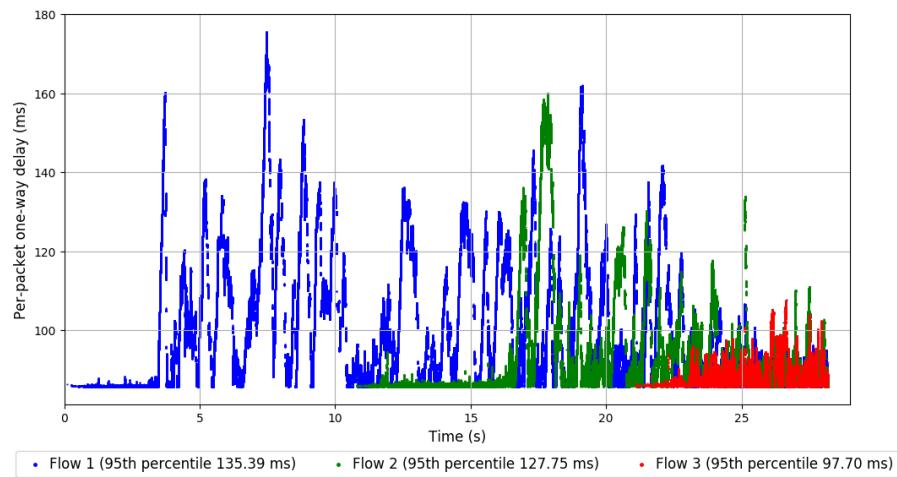
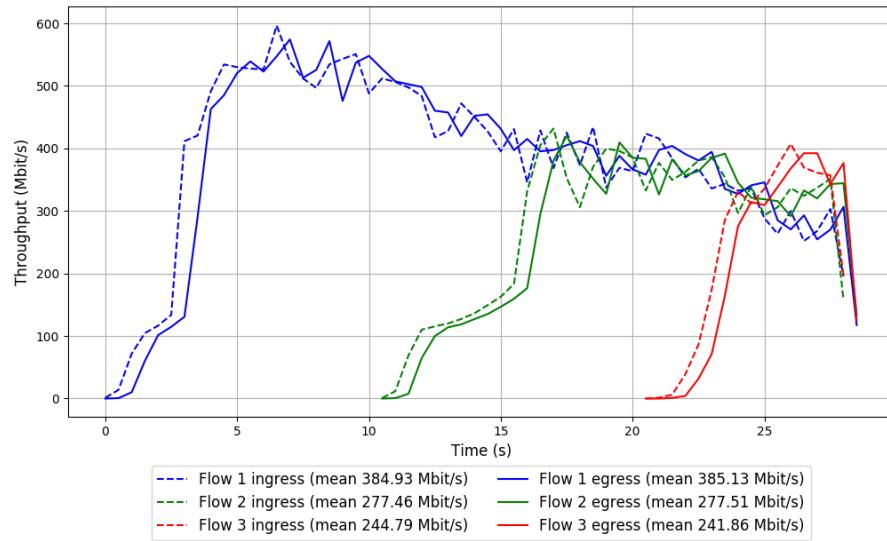


Run 3: Statistics of Indigo-MusesD

```
Start at: 2019-10-03 00:23:21
End at: 2019-10-03 00:23:51
Local clock offset: -0.051 ms
Remote clock offset: -0.033 ms

# Below is generated by plot.py at 2019-10-03 03:47:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 621.01 Mbit/s
95th percentile per-packet one-way delay: 133.093 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 385.13 Mbit/s
95th percentile per-packet one-way delay: 135.394 ms
Loss rate: 0.56%
-- Flow 2:
Average throughput: 277.51 Mbit/s
95th percentile per-packet one-way delay: 127.754 ms
Loss rate: 0.96%
-- Flow 3:
Average throughput: 241.86 Mbit/s
95th percentile per-packet one-way delay: 97.704 ms
Loss rate: 3.49%
```

Run 3: Report of Indigo-MusesD — Data Link

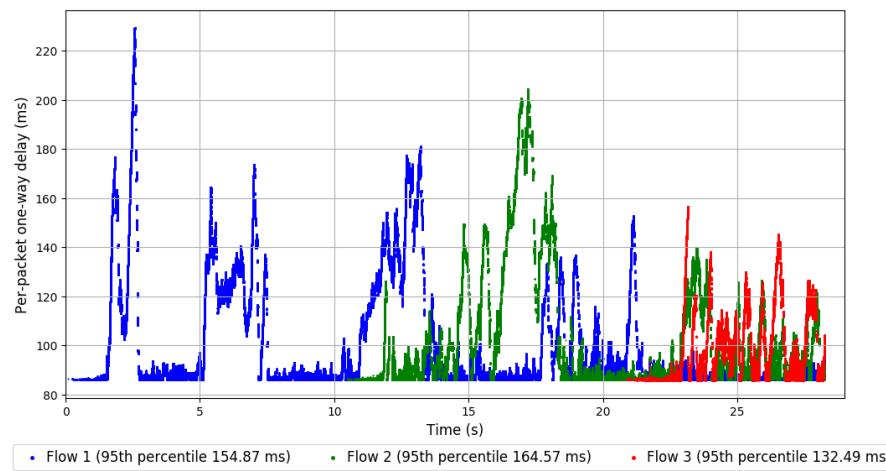
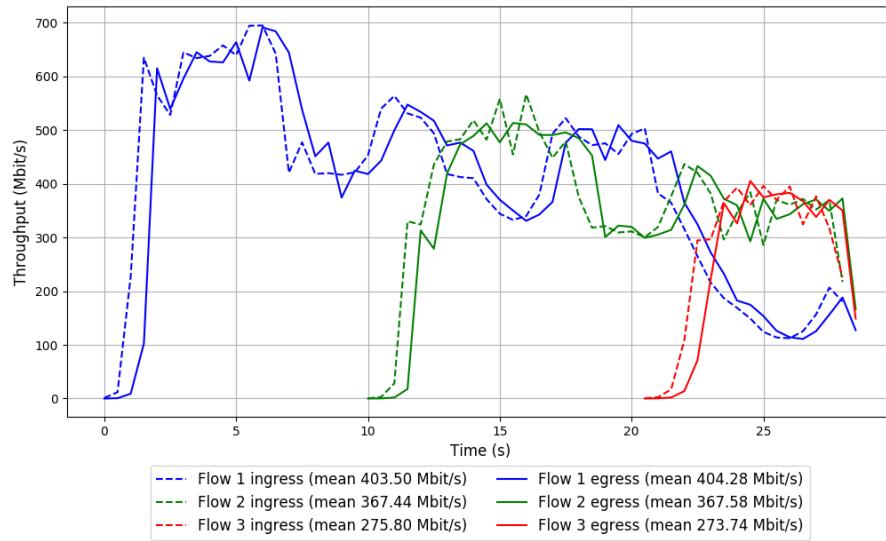


Run 4: Statistics of Indigo-MusesD

```
Start at: 2019-10-03 01:04:11
End at: 2019-10-03 01:04:41
Local clock offset: 0.137 ms
Remote clock offset: -0.052 ms

# Below is generated by plot.py at 2019-10-03 03:48:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 711.47 Mbit/s
95th percentile per-packet one-way delay: 154.584 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 404.28 Mbit/s
95th percentile per-packet one-way delay: 154.868 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 367.58 Mbit/s
95th percentile per-packet one-way delay: 164.568 ms
Loss rate: 0.91%
-- Flow 3:
Average throughput: 273.74 Mbit/s
95th percentile per-packet one-way delay: 132.487 ms
Loss rate: 2.98%
```

Run 4: Report of Indigo-MusesD — Data Link

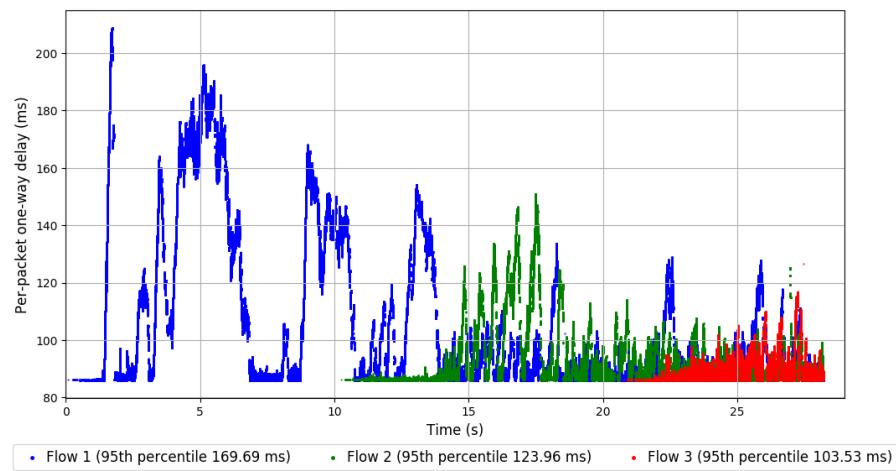
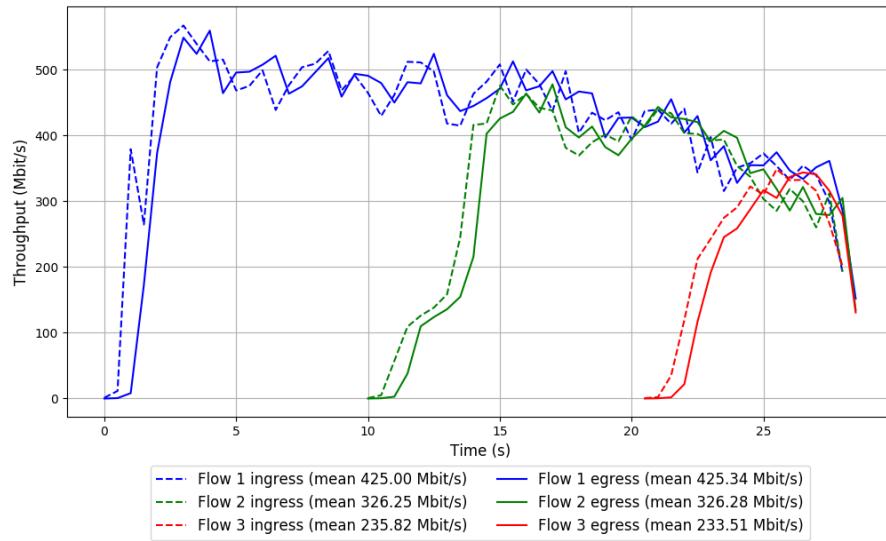


Run 5: Statistics of Indigo-MusesD

```
Start at: 2019-10-03 01:45:18
End at: 2019-10-03 01:45:48
Local clock offset: 0.186 ms
Remote clock offset: -0.06 ms

# Below is generated by plot.py at 2019-10-03 03:49:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 695.87 Mbit/s
95th percentile per-packet one-way delay: 159.778 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 425.34 Mbit/s
95th percentile per-packet one-way delay: 169.692 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 326.28 Mbit/s
95th percentile per-packet one-way delay: 123.962 ms
Loss rate: 0.94%
-- Flow 3:
Average throughput: 233.51 Mbit/s
95th percentile per-packet one-way delay: 103.530 ms
Loss rate: 3.21%
```

Run 5: Report of Indigo-MusesD — Data Link

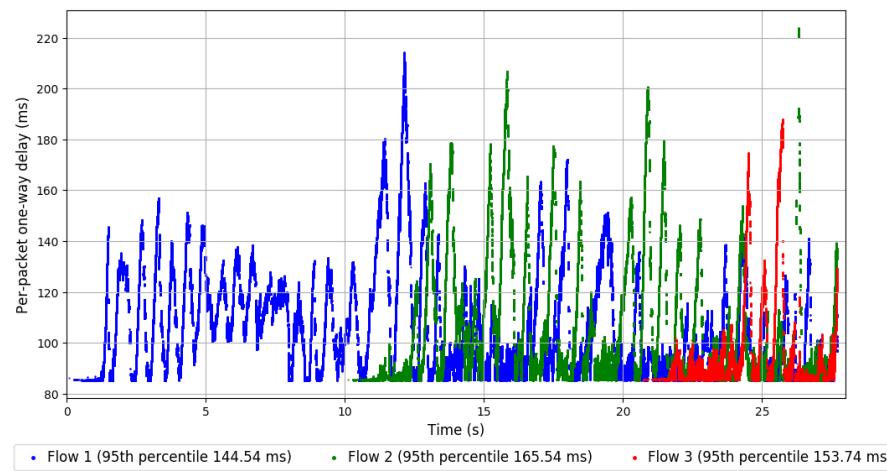
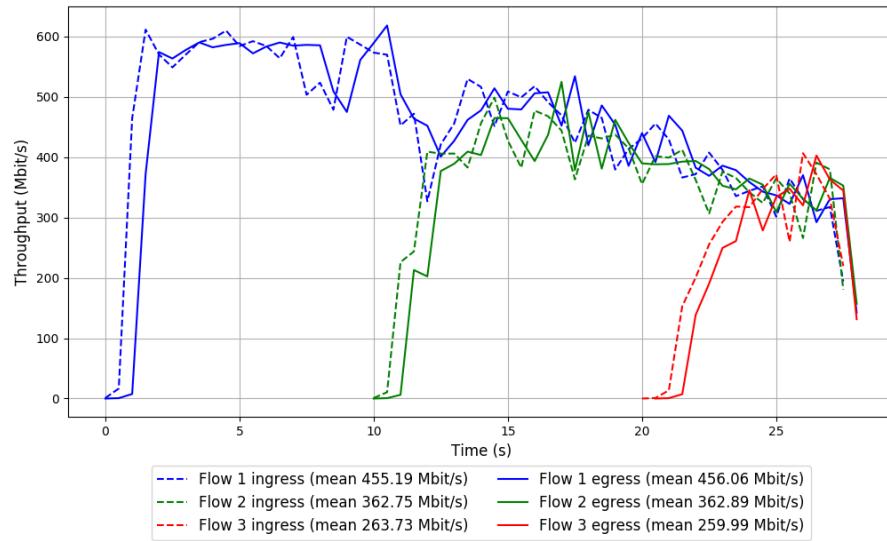


Run 1: Statistics of Indigo-MusesT

```
Start at: 2019-10-02 22:40:16
End at: 2019-10-02 22:40:46
Local clock offset: -0.512 ms
Remote clock offset: 0.005 ms

# Below is generated by plot.py at 2019-10-03 03:50:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 754.47 Mbit/s
95th percentile per-packet one-way delay: 152.803 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 456.06 Mbit/s
95th percentile per-packet one-way delay: 144.543 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 362.89 Mbit/s
95th percentile per-packet one-way delay: 165.536 ms
Loss rate: 0.92%
-- Flow 3:
Average throughput: 259.99 Mbit/s
95th percentile per-packet one-way delay: 153.740 ms
Loss rate: 3.74%
```

Run 1: Report of Indigo-MusesT — Data Link

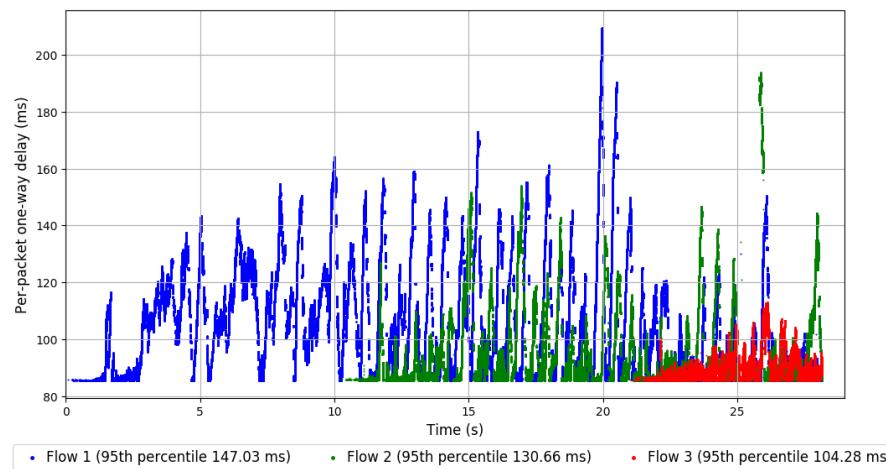
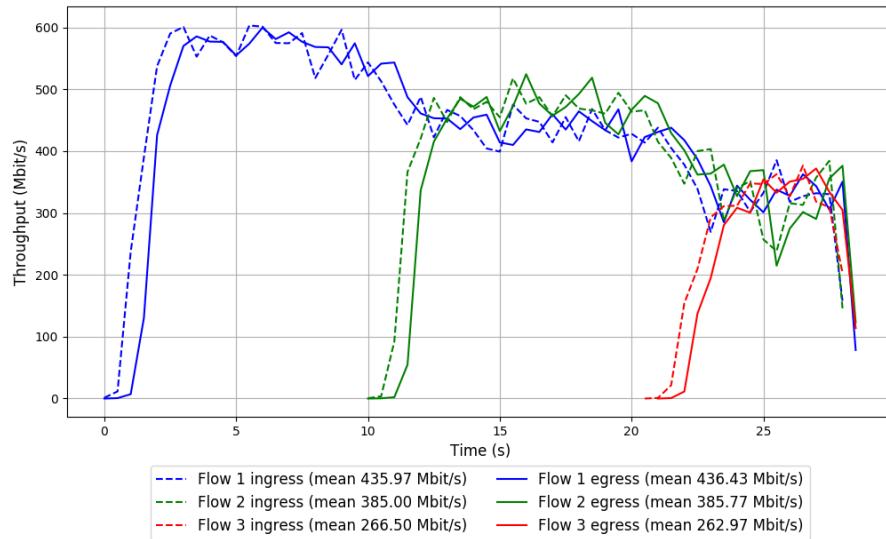


Run 2: Statistics of Indigo-MusesT

```
Start at: 2019-10-02 23:21:04
End at: 2019-10-02 23:21:34
Local clock offset: -0.164 ms
Remote clock offset: -0.01 ms

# Below is generated by plot.py at 2019-10-03 03:56:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 748.86 Mbit/s
95th percentile per-packet one-way delay: 141.088 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 436.43 Mbit/s
95th percentile per-packet one-way delay: 147.026 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 385.77 Mbit/s
95th percentile per-packet one-way delay: 130.659 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 262.97 Mbit/s
95th percentile per-packet one-way delay: 104.281 ms
Loss rate: 3.67%
```

Run 2: Report of Indigo-MusesT — Data Link

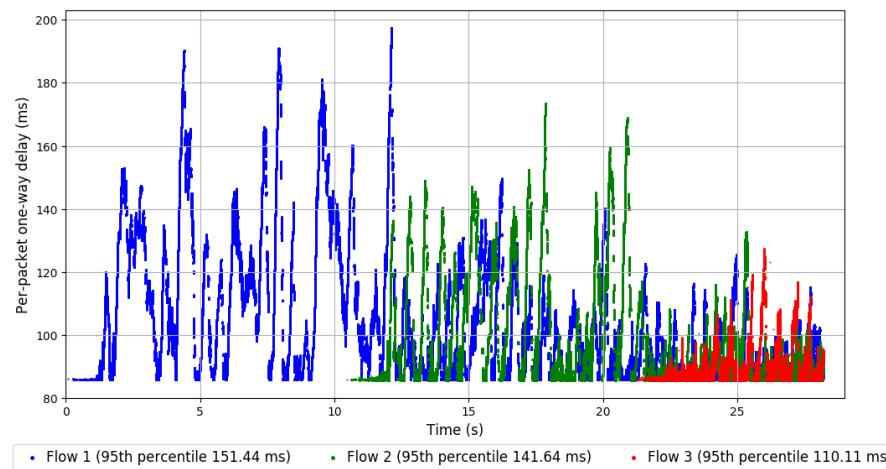
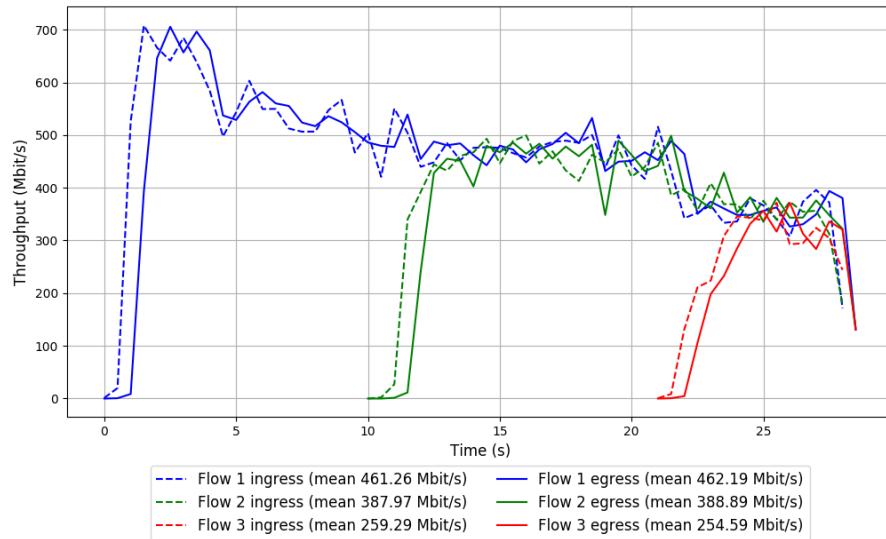


Run 3: Statistics of Indigo-MusesT

```
Start at: 2019-10-03 00:01:42
End at: 2019-10-03 00:02:12
Local clock offset: -0.169 ms
Remote clock offset: -0.105 ms

# Below is generated by plot.py at 2019-10-03 04:01:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 771.37 Mbit/s
95th percentile per-packet one-way delay: 146.136 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 462.19 Mbit/s
95th percentile per-packet one-way delay: 151.442 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 388.89 Mbit/s
95th percentile per-packet one-way delay: 141.637 ms
Loss rate: 0.73%
-- Flow 3:
Average throughput: 254.59 Mbit/s
95th percentile per-packet one-way delay: 110.109 ms
Loss rate: 4.15%
```

Run 3: Report of Indigo-MusesT — Data Link

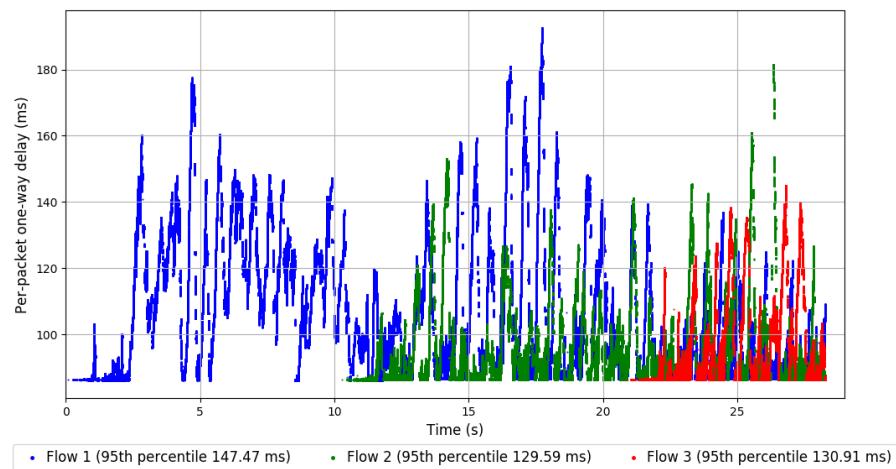
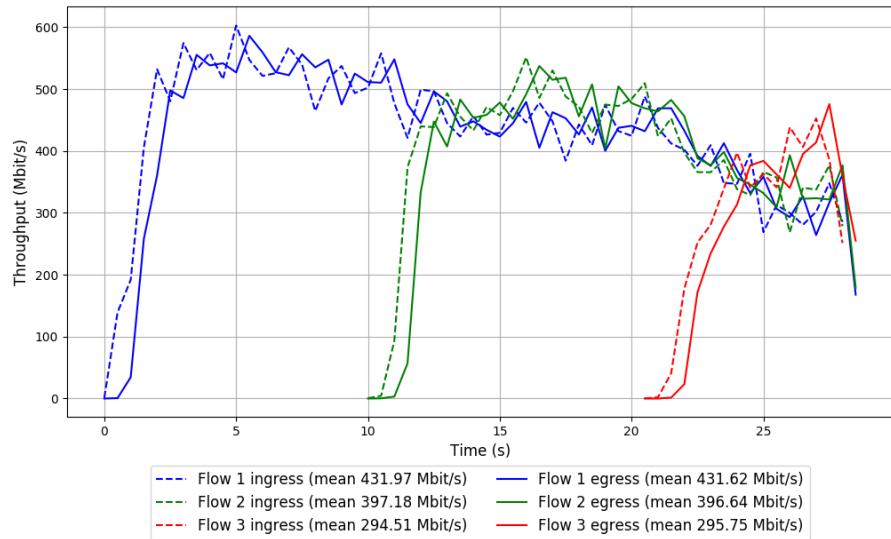


Run 4: Statistics of Indigo-MusesT

```
Start at: 2019-10-03 00:42:21
End at: 2019-10-03 00:42:51
Local clock offset: 0.275 ms
Remote clock offset: 0.023 ms

# Below is generated by plot.py at 2019-10-03 04:04:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 762.56 Mbit/s
95th percentile per-packet one-way delay: 142.712 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 431.62 Mbit/s
95th percentile per-packet one-way delay: 147.466 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 396.64 Mbit/s
95th percentile per-packet one-way delay: 129.592 ms
Loss rate: 1.09%
-- Flow 3:
Average throughput: 295.75 Mbit/s
95th percentile per-packet one-way delay: 130.905 ms
Loss rate: 1.89%
```

Run 4: Report of Indigo-MusesT — Data Link

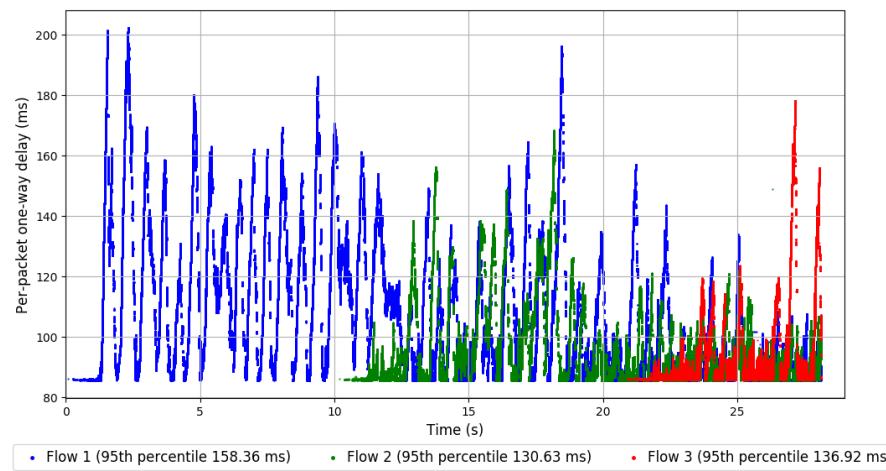
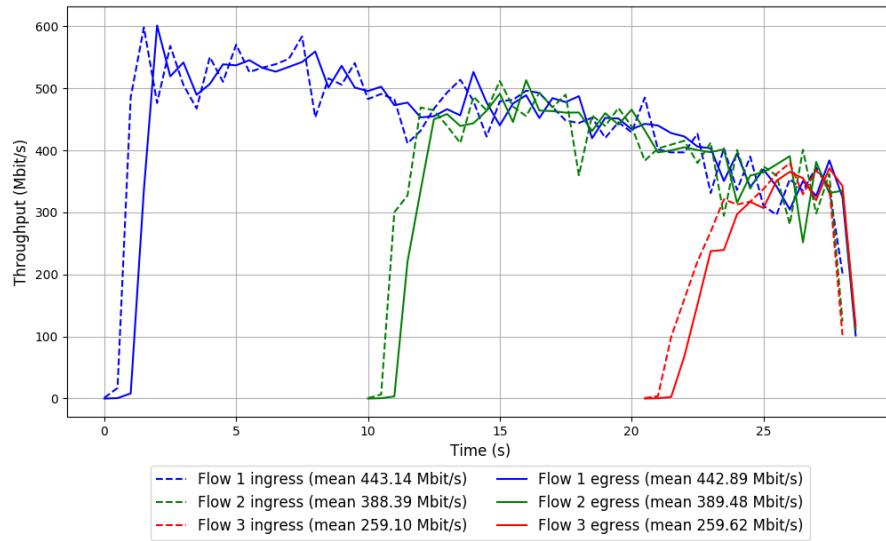


Run 5: Statistics of Indigo-MusesT

```
Start at: 2019-10-03 01:23:14
End at: 2019-10-03 01:23:44
Local clock offset: -0.255 ms
Remote clock offset: -0.065 ms

# Below is generated by plot.py at 2019-10-03 04:04:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 760.40 Mbit/s
95th percentile per-packet one-way delay: 151.155 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 442.89 Mbit/s
95th percentile per-packet one-way delay: 158.359 ms
Loss rate: 0.67%
-- Flow 2:
Average throughput: 389.48 Mbit/s
95th percentile per-packet one-way delay: 130.628 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 259.62 Mbit/s
95th percentile per-packet one-way delay: 136.922 ms
Loss rate: 2.10%
```

Run 5: Report of Indigo-MusesT — Data Link

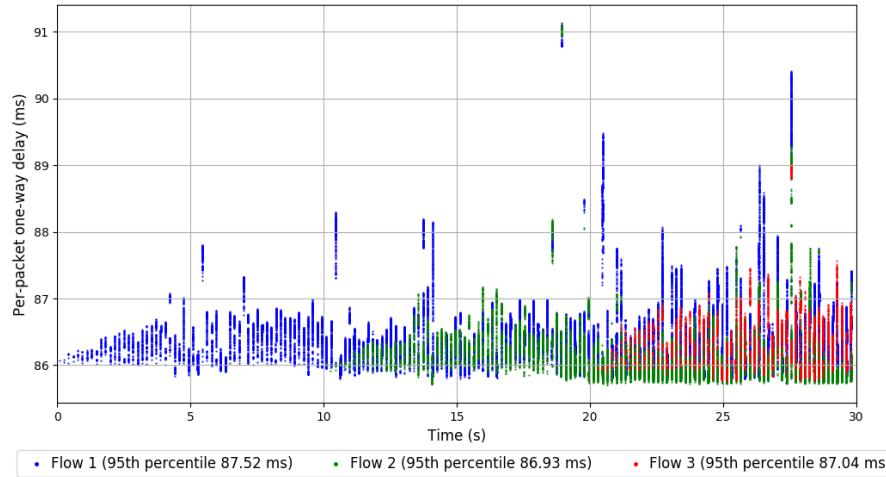
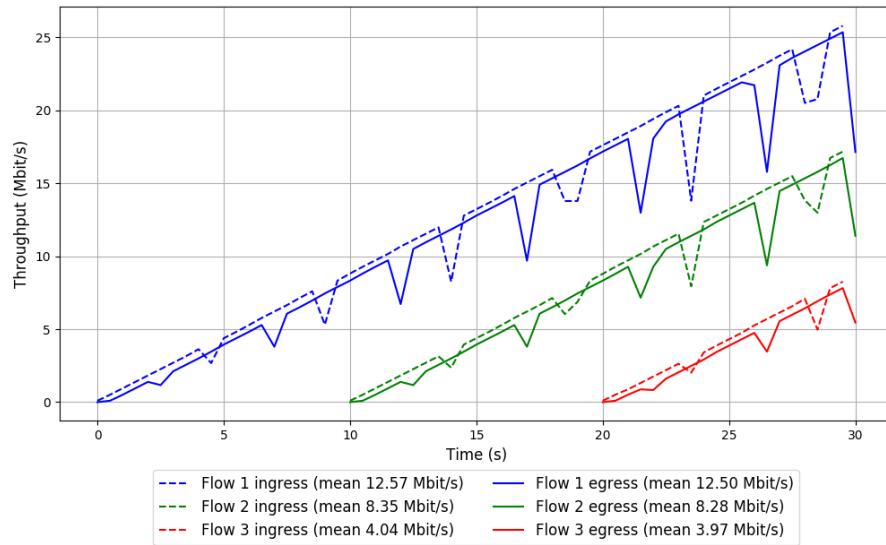


Run 1: Statistics of LEDBAT

```
Start at: 2019-10-02 22:38:59
End at: 2019-10-02 22:39:29
Local clock offset: -0.124 ms
Remote clock offset: 0.017 ms

# Below is generated by plot.py at 2019-10-03 04:04:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 19.27 Mbit/s
95th percentile per-packet one-way delay: 87.293 ms
Loss rate: 1.48%
-- Flow 1:
Average throughput: 12.50 Mbit/s
95th percentile per-packet one-way delay: 87.517 ms
Loss rate: 1.15%
-- Flow 2:
Average throughput: 8.28 Mbit/s
95th percentile per-packet one-way delay: 86.930 ms
Loss rate: 1.74%
-- Flow 3:
Average throughput: 3.97 Mbit/s
95th percentile per-packet one-way delay: 87.041 ms
Loss rate: 3.52%
```

Run 1: Report of LEDBAT — Data Link

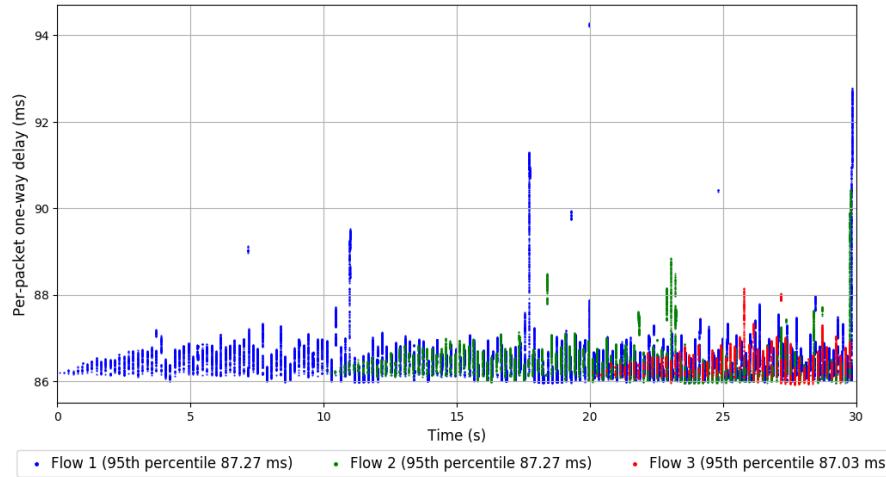
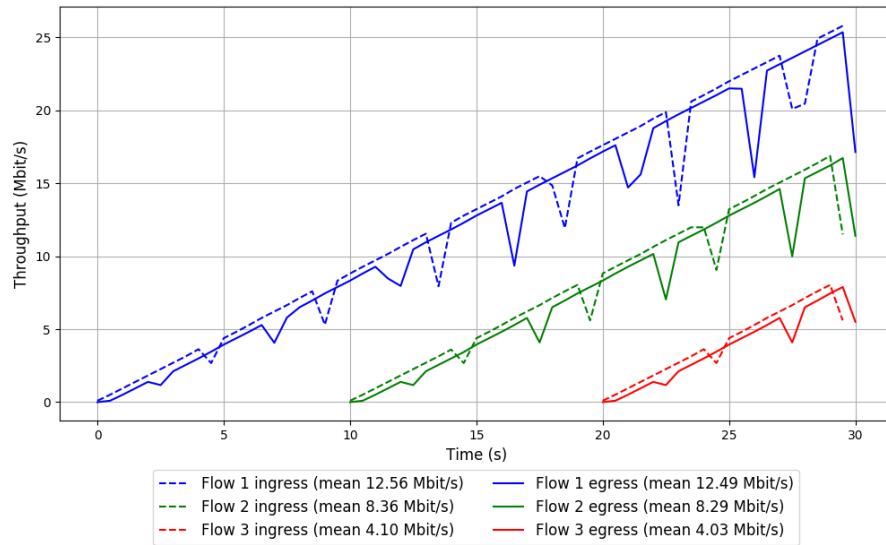


Run 2: Statistics of LEDBAT

```
Start at: 2019-10-02 23:19:47
End at: 2019-10-02 23:20:17
Local clock offset: 0.193 ms
Remote clock offset: -0.052 ms

# Below is generated by plot.py at 2019-10-03 04:04:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 19.28 Mbit/s
95th percentile per-packet one-way delay: 87.259 ms
Loss rate: 1.48%
-- Flow 1:
Average throughput: 12.49 Mbit/s
95th percentile per-packet one-way delay: 87.269 ms
Loss rate: 1.15%
-- Flow 2:
Average throughput: 8.29 Mbit/s
95th percentile per-packet one-way delay: 87.267 ms
Loss rate: 1.74%
-- Flow 3:
Average throughput: 4.03 Mbit/s
95th percentile per-packet one-way delay: 87.032 ms
Loss rate: 3.50%
```

Run 2: Report of LEDBAT — Data Link

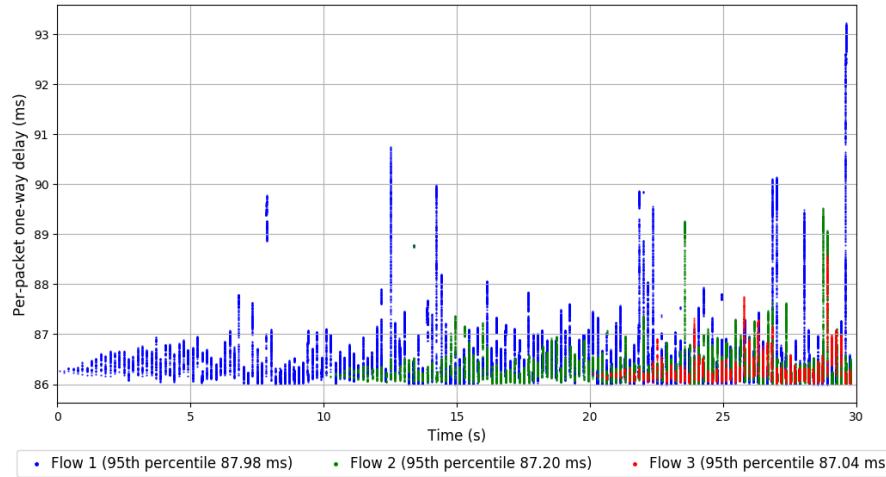
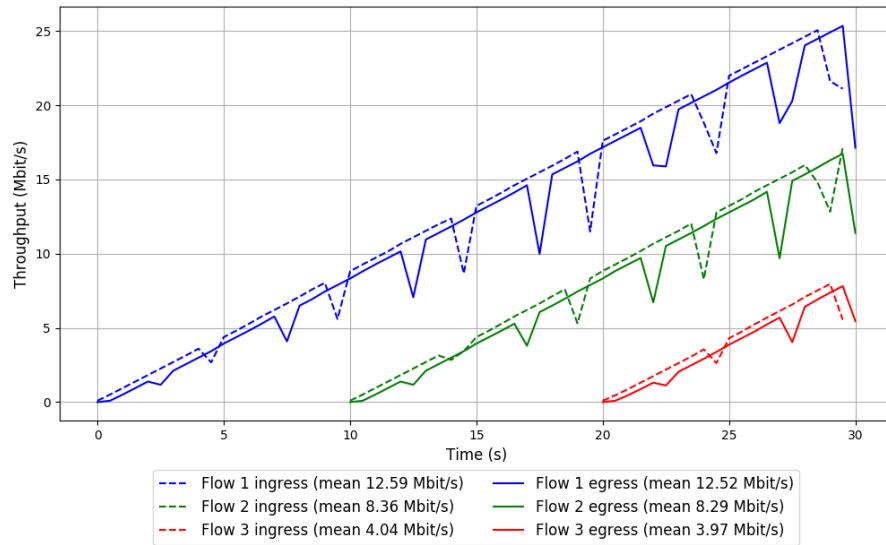


Run 3: Statistics of LEDBAT

```
Start at: 2019-10-03 00:00:25
End at: 2019-10-03 00:00:55
Local clock offset: 0.077 ms
Remote clock offset: -0.114 ms

# Below is generated by plot.py at 2019-10-03 04:04:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 19.30 Mbit/s
95th percentile per-packet one-way delay: 87.713 ms
Loss rate: 1.48%
-- Flow 1:
Average throughput: 12.52 Mbit/s
95th percentile per-packet one-way delay: 87.976 ms
Loss rate: 1.15%
-- Flow 2:
Average throughput: 8.29 Mbit/s
95th percentile per-packet one-way delay: 87.201 ms
Loss rate: 1.74%
-- Flow 3:
Average throughput: 3.97 Mbit/s
95th percentile per-packet one-way delay: 87.043 ms
Loss rate: 3.53%
```

Run 3: Report of LEDBAT — Data Link

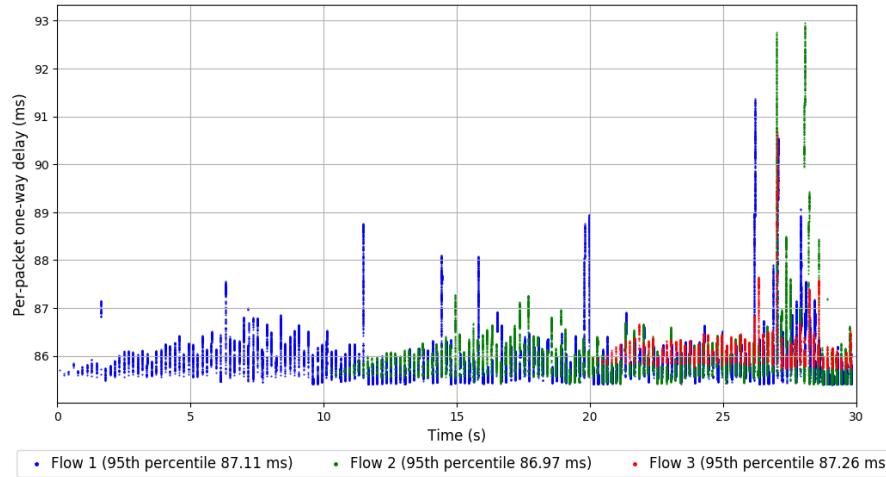
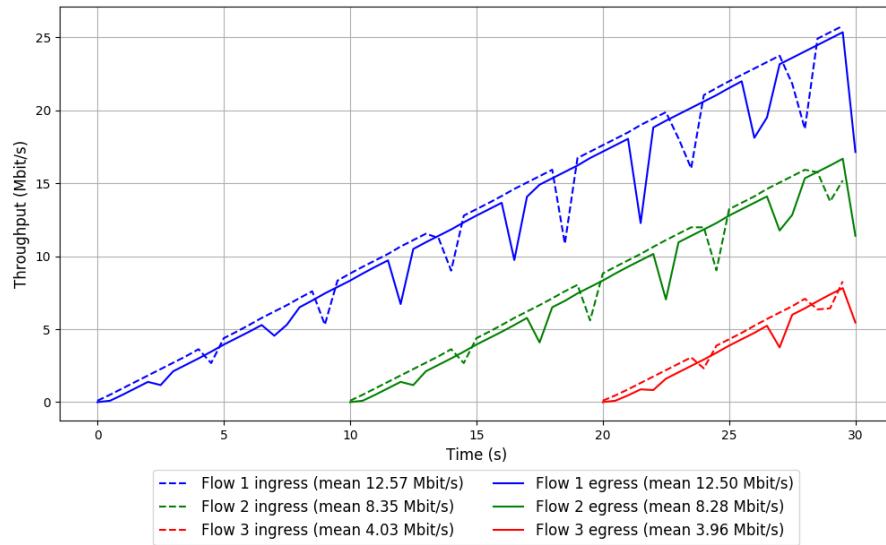


Run 4: Statistics of LEDBAT

```
Start at: 2019-10-03 00:41:04
End at: 2019-10-03 00:41:34
Local clock offset: -0.337 ms
Remote clock offset: 0.041 ms

# Below is generated by plot.py at 2019-10-03 04:04:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 19.27 Mbit/s
95th percentile per-packet one-way delay: 87.084 ms
Loss rate: 1.48%
-- Flow 1:
Average throughput: 12.50 Mbit/s
95th percentile per-packet one-way delay: 87.106 ms
Loss rate: 1.15%
-- Flow 2:
Average throughput: 8.28 Mbit/s
95th percentile per-packet one-way delay: 86.971 ms
Loss rate: 1.74%
-- Flow 3:
Average throughput: 3.96 Mbit/s
95th percentile per-packet one-way delay: 87.261 ms
Loss rate: 3.56%
```

Run 4: Report of LEDBAT — Data Link

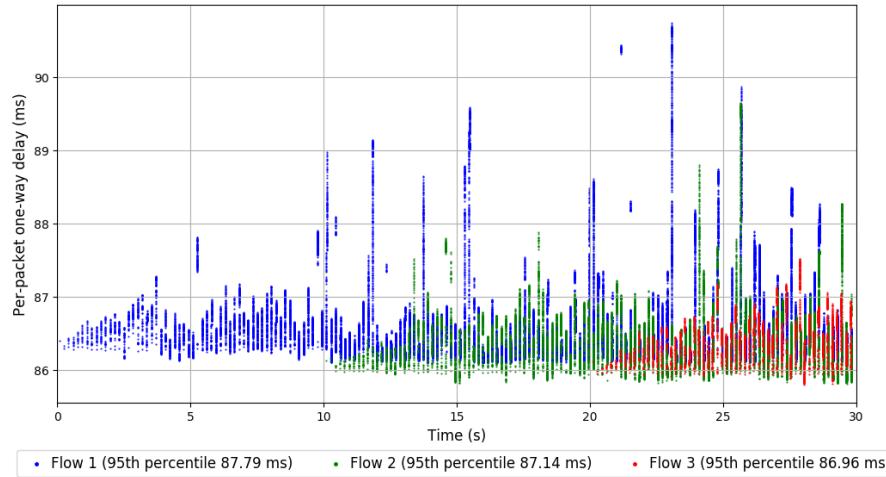
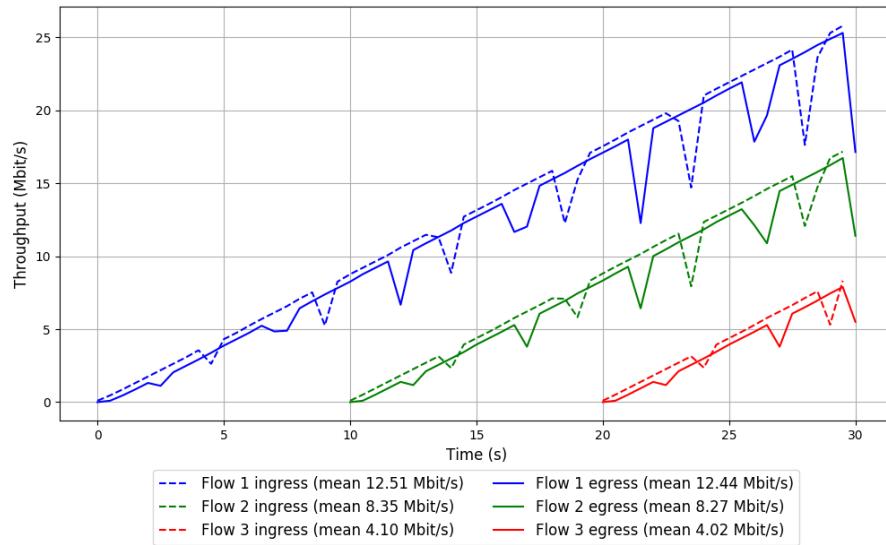


Run 5: Statistics of LEDBAT

```
Start at: 2019-10-03 01:21:57
End at: 2019-10-03 01:22:27
Local clock offset: 0.012 ms
Remote clock offset: -0.058 ms

# Below is generated by plot.py at 2019-10-03 04:04:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 19.24 Mbit/s
95th percentile per-packet one-way delay: 87.548 ms
Loss rate: 1.49%
-- Flow 1:
Average throughput: 12.44 Mbit/s
95th percentile per-packet one-way delay: 87.791 ms
Loss rate: 1.16%
-- Flow 2:
Average throughput: 8.27 Mbit/s
95th percentile per-packet one-way delay: 87.135 ms
Loss rate: 1.74%
-- Flow 3:
Average throughput: 4.02 Mbit/s
95th percentile per-packet one-way delay: 86.959 ms
Loss rate: 3.50%
```

Run 5: Report of LEDBAT — Data Link

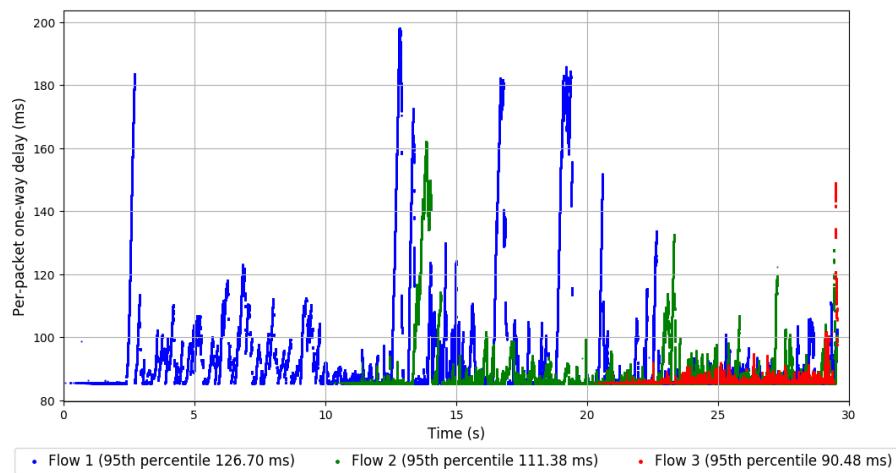
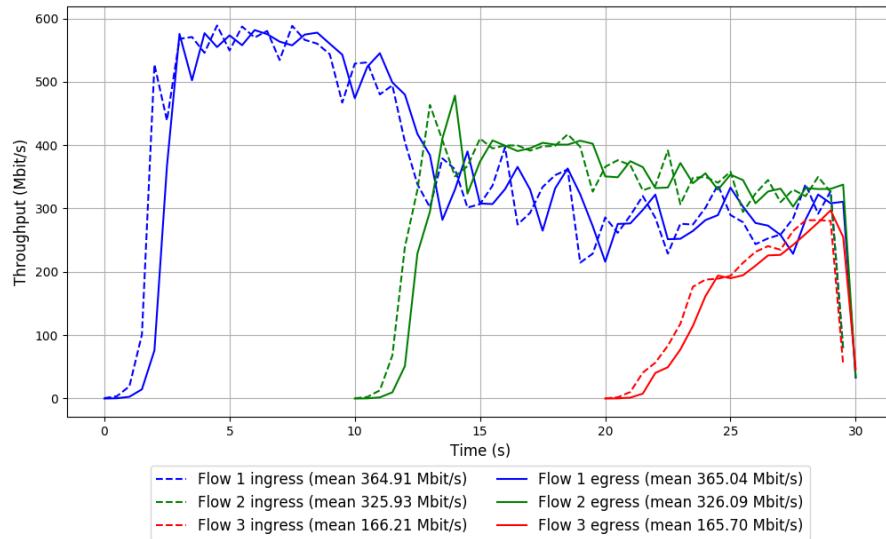


```
Run 1: Statistics of Muses\_DecisionTree

Start at: 2019-10-02 23:09:03
End at: 2019-10-02 23:09:33
Local clock offset: -0.401 ms
Remote clock offset: -0.07 ms

# Below is generated by plot.py at 2019-10-03 04:05:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 631.26 Mbit/s
95th percentile per-packet one-way delay: 117.263 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 365.04 Mbit/s
95th percentile per-packet one-way delay: 126.699 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 326.09 Mbit/s
95th percentile per-packet one-way delay: 111.381 ms
Loss rate: 0.84%
-- Flow 3:
Average throughput: 165.70 Mbit/s
95th percentile per-packet one-way delay: 90.476 ms
Loss rate: 2.21%
```

Run 1: Report of Muses_DecisionTree — Data Link

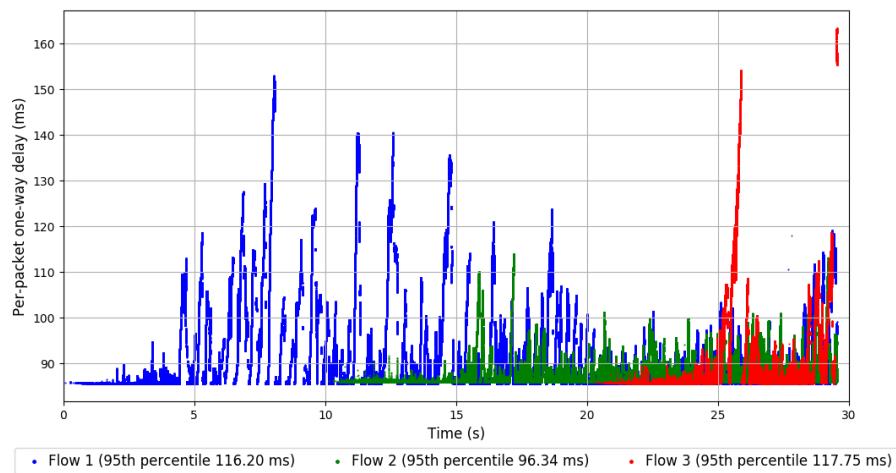
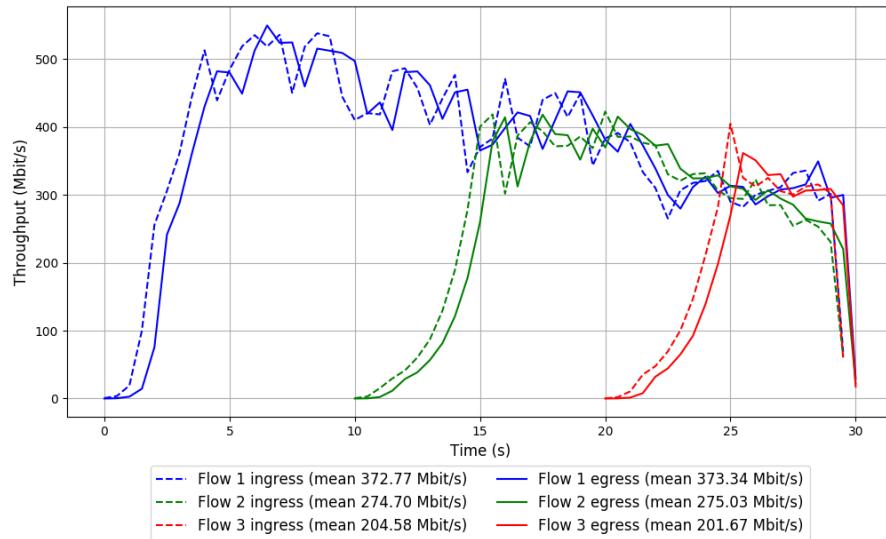


```
Run 2: Statistics of Muses\_DecisionTree

Start at: 2019-10-02 23:49:32
End at: 2019-10-02 23:50:02
Local clock offset: -0.312 ms
Remote clock offset: -0.062 ms

# Below is generated by plot.py at 2019-10-03 04:05:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 617.97 Mbit/s
95th percentile per-packet one-way delay: 113.150 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 373.34 Mbit/s
95th percentile per-packet one-way delay: 116.205 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 275.03 Mbit/s
95th percentile per-packet one-way delay: 96.342 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 201.67 Mbit/s
95th percentile per-packet one-way delay: 117.752 ms
Loss rate: 3.20%
```

Run 2: Report of Muses_DecisionTree — Data Link

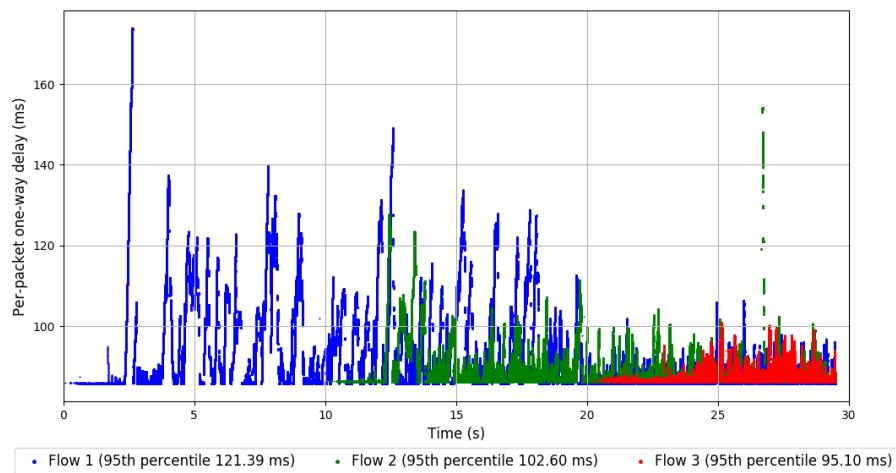
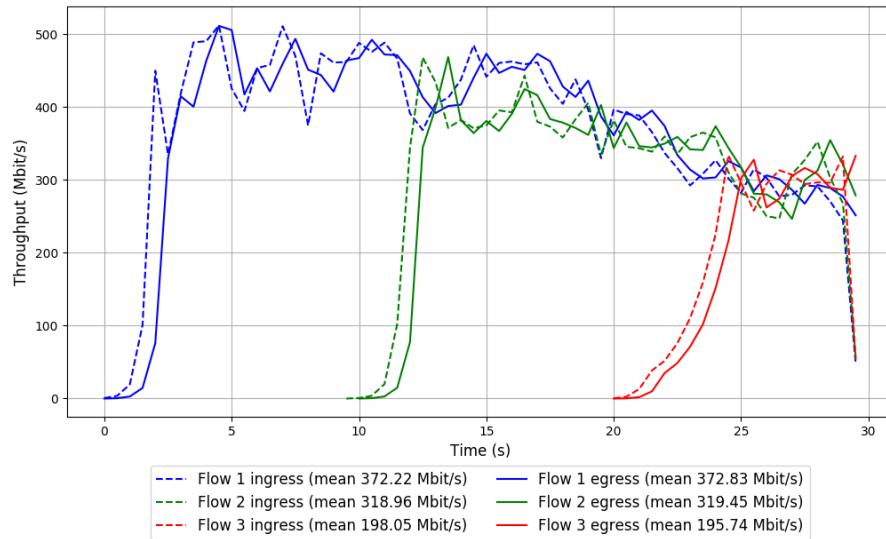


```
Run 3: Statistics of Muses\_DecisionTree

Start at: 2019-10-03 00:30:09
End at: 2019-10-03 00:30:39
Local clock offset: -0.061 ms
Remote clock offset: 0.022 ms

# Below is generated by plot.py at 2019-10-03 04:05:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 645.73 Mbit/s
95th percentile per-packet one-way delay: 116.110 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 372.83 Mbit/s
95th percentile per-packet one-way delay: 121.387 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 319.45 Mbit/s
95th percentile per-packet one-way delay: 102.598 ms
Loss rate: 0.73%
-- Flow 3:
Average throughput: 195.74 Mbit/s
95th percentile per-packet one-way delay: 95.104 ms
Loss rate: 2.97%
```

Run 3: Report of Muses_DecisionTree — Data Link

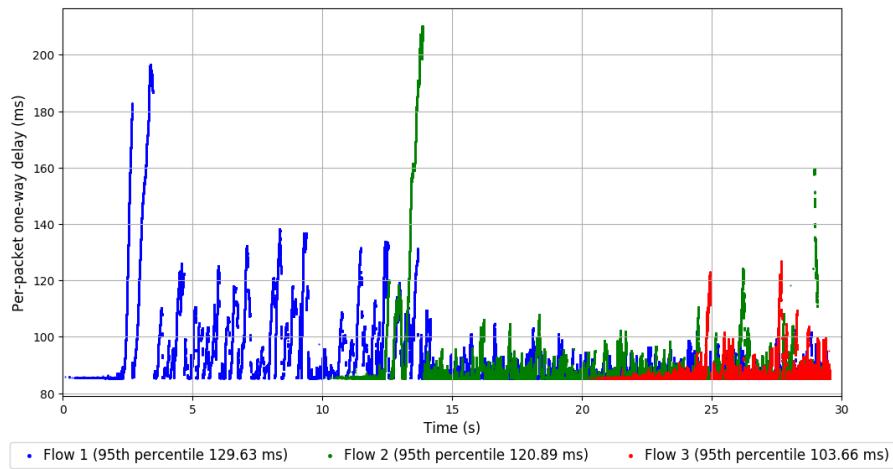
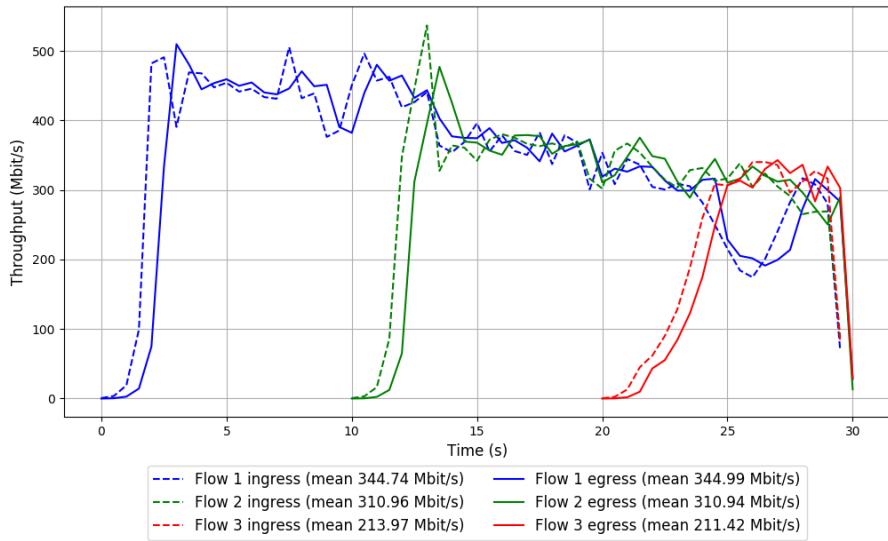


```
Run 4: Statistics of Muses\_DecisionTree

Start at: 2019-10-03 01:11:06
End at: 2019-10-03 01:11:36
Local clock offset: -0.329 ms
Remote clock offset: -0.054 ms

# Below is generated by plot.py at 2019-10-03 04:05:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 616.85 Mbit/s
95th percentile per-packet one-way delay: 123.811 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 344.99 Mbit/s
95th percentile per-packet one-way delay: 129.627 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 310.94 Mbit/s
95th percentile per-packet one-way delay: 120.888 ms
Loss rate: 0.88%
-- Flow 3:
Average throughput: 211.42 Mbit/s
95th percentile per-packet one-way delay: 103.656 ms
Loss rate: 3.00%
```

Run 4: Report of Muses_DecisionTree — Data Link

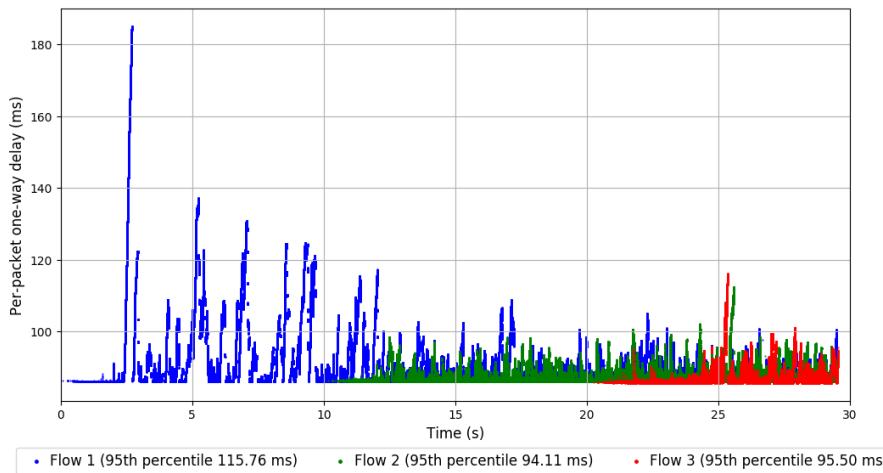
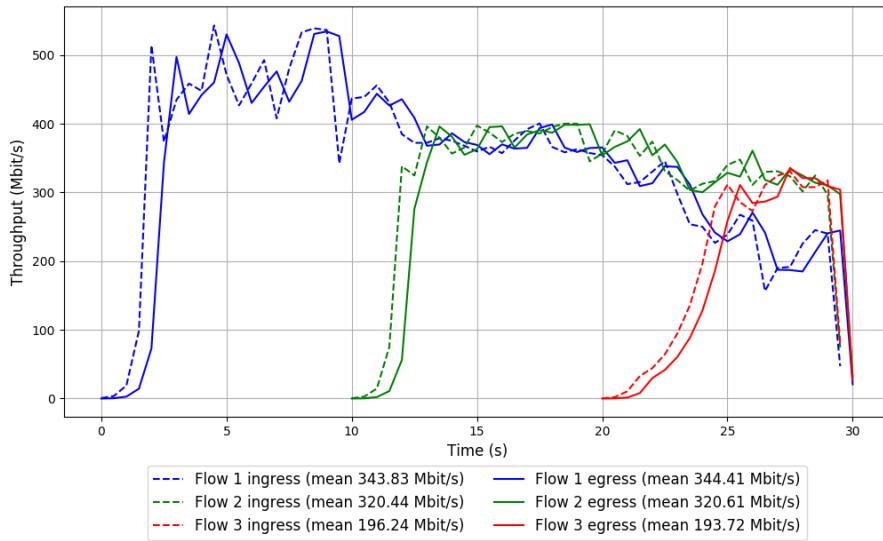


```
Run 5: Statistics of Muses\_DecisionTree

Start at: 2019-10-03 01:52:08
End at: 2019-10-03 01:52:38
Local clock offset: -0.026 ms
Remote clock offset: -0.022 ms

# Below is generated by plot.py at 2019-10-03 04:11:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 616.23 Mbit/s
95th percentile per-packet one-way delay: 106.881 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 344.41 Mbit/s
95th percentile per-packet one-way delay: 115.763 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 320.61 Mbit/s
95th percentile per-packet one-way delay: 94.108 ms
Loss rate: 0.83%
-- Flow 3:
Average throughput: 193.72 Mbit/s
95th percentile per-packet one-way delay: 95.500 ms
Loss rate: 3.10%
```

Run 5: Report of Muses_DecisionTree — Data Link

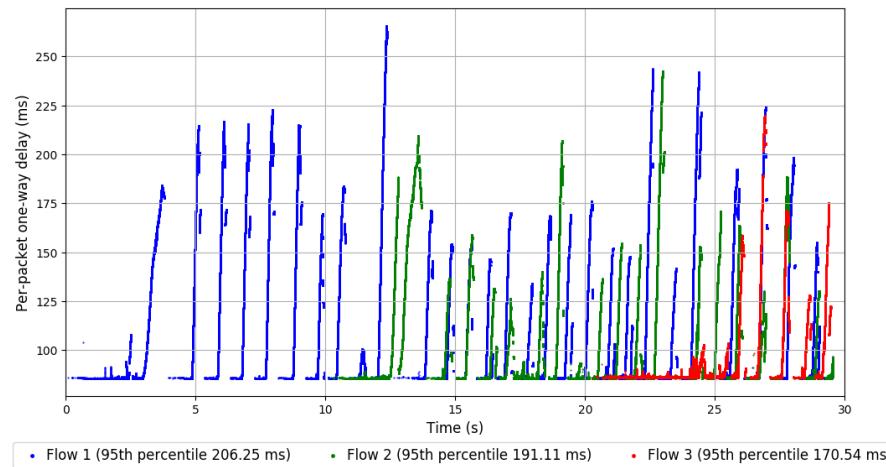
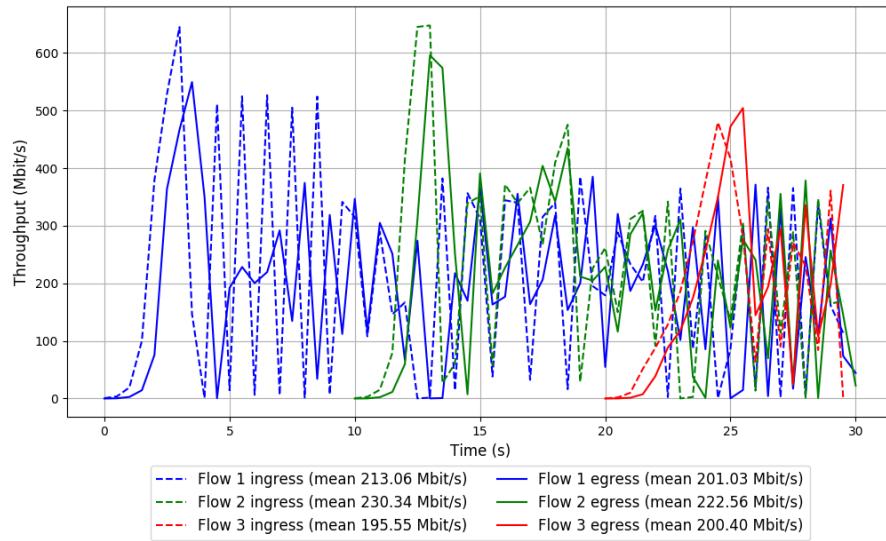


```
Run 1: Statistics of Muses\_DecisionTreeH0

Start at: 2019-10-02 22:52:36
End at: 2019-10-02 22:53:06
Local clock offset: -0.082 ms
Remote clock offset: -0.034 ms

# Below is generated by plot.py at 2019-10-03 04:11:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 409.99 Mbit/s
95th percentile per-packet one-way delay: 198.193 ms
Loss rate: 4.51%
-- Flow 1:
Average throughput: 201.03 Mbit/s
95th percentile per-packet one-way delay: 206.253 ms
Loss rate: 6.05%
-- Flow 2:
Average throughput: 222.56 Mbit/s
95th percentile per-packet one-way delay: 191.109 ms
Loss rate: 4.12%
-- Flow 3:
Average throughput: 200.40 Mbit/s
95th percentile per-packet one-way delay: 170.538 ms
Loss rate: 0.21%
```

Run 1: Report of Muses_DecisionTreeH0 — Data Link

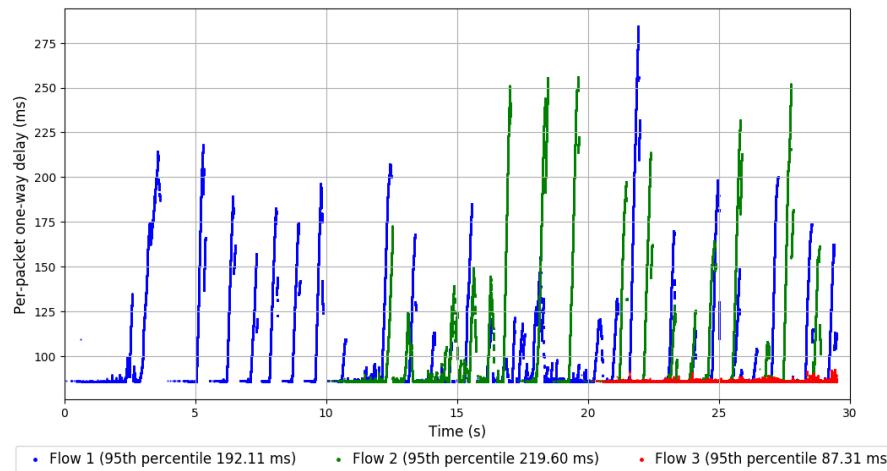
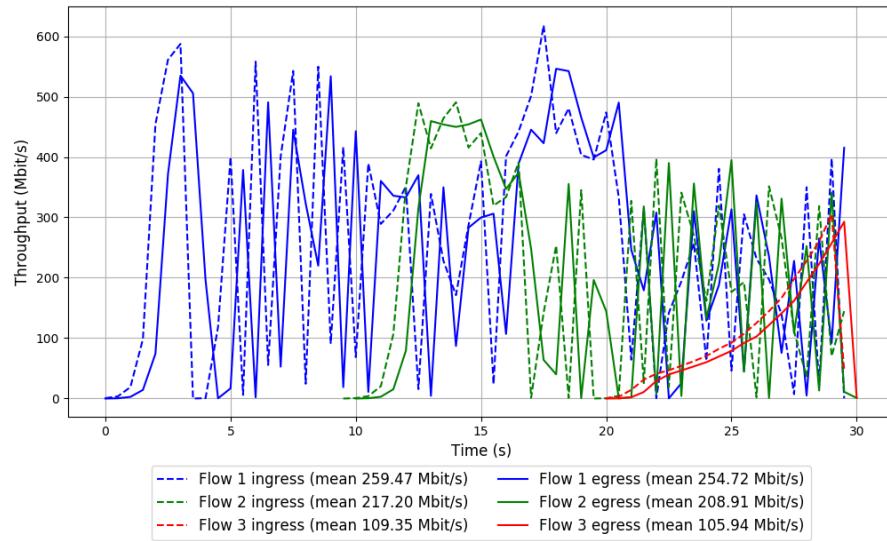


```
Run 2: Statistics of Muses\_DecisionTreeH0

Start at: 2019-10-02 23:33:13
End at: 2019-10-02 23:33:43
Local clock offset: -0.002 ms
Remote clock offset: -0.023 ms

# Below is generated by plot.py at 2019-10-03 04:14:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 426.25 Mbit/s
95th percentile per-packet one-way delay: 197.903 ms
Loss rate: 3.37%
-- Flow 1:
Average throughput: 254.72 Mbit/s
95th percentile per-packet one-way delay: 192.109 ms
Loss rate: 2.45%
-- Flow 2:
Average throughput: 208.91 Mbit/s
95th percentile per-packet one-way delay: 219.604 ms
Loss rate: 4.66%
-- Flow 3:
Average throughput: 105.94 Mbit/s
95th percentile per-packet one-way delay: 87.309 ms
Loss rate: 4.89%
```

Run 2: Report of Muses_DecisionTreeH0 — Data Link

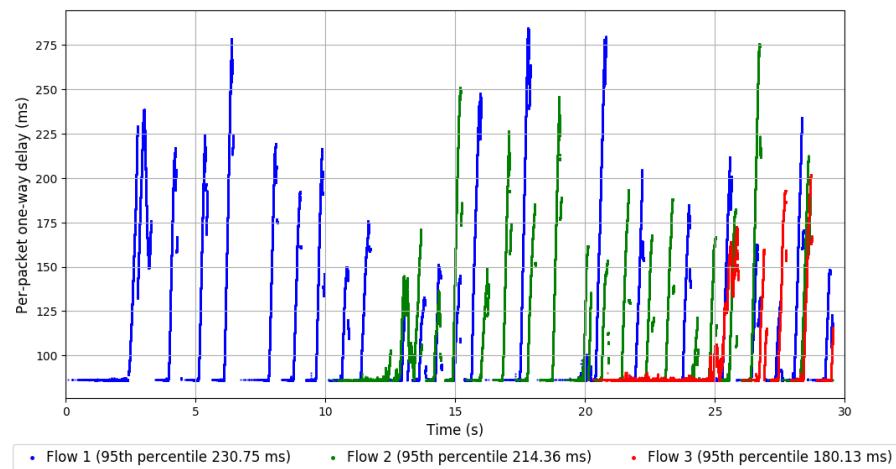
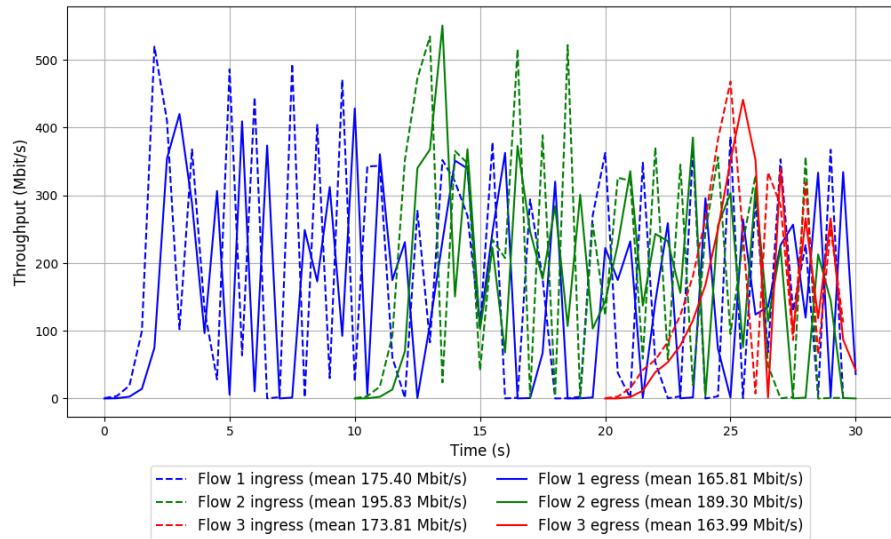


```
Run 3: Statistics of Muses\_DecisionTreeH0

Start at: 2019-10-03 00:13:56
End at: 2019-10-03 00:14:26
Local clock offset: 0.178 ms
Remote clock offset: -0.125 ms

# Below is generated by plot.py at 2019-10-03 04:14:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 342.86 Mbit/s
95th percentile per-packet one-way delay: 218.354 ms
Loss rate: 5.59%
-- Flow 1:
Average throughput: 165.81 Mbit/s
95th percentile per-packet one-way delay: 230.752 ms
Loss rate: 6.05%
-- Flow 2:
Average throughput: 189.30 Mbit/s
95th percentile per-packet one-way delay: 214.363 ms
Loss rate: 4.21%
-- Flow 3:
Average throughput: 163.99 Mbit/s
95th percentile per-packet one-way delay: 180.133 ms
Loss rate: 7.35%
```

Run 3: Report of Muses_DecisionTreeH0 — Data Link

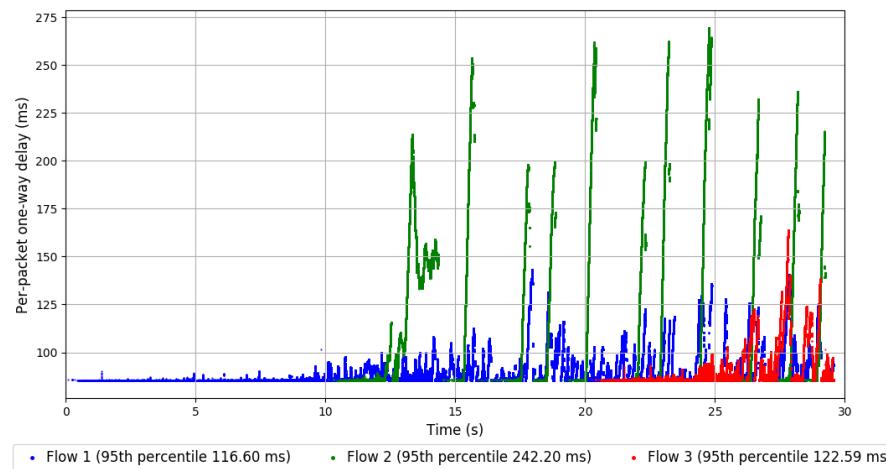
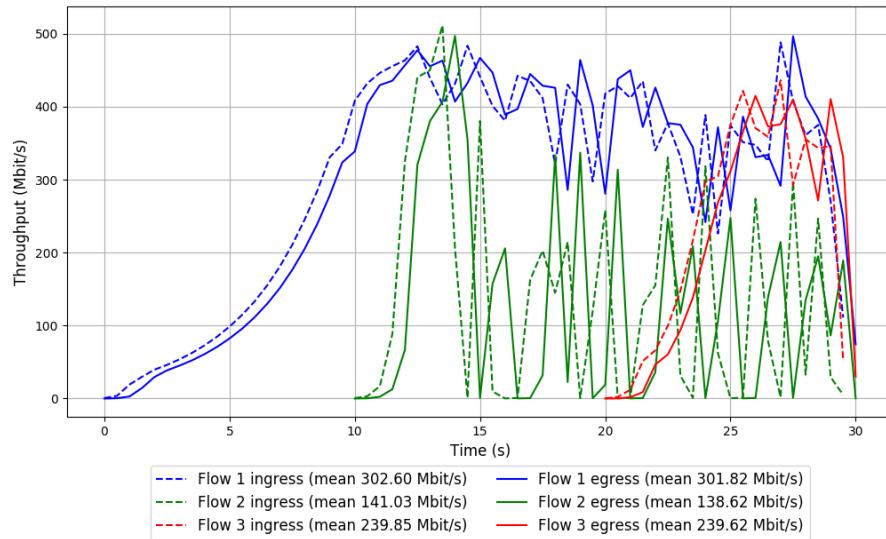


```
Run 4: Statistics of Muses\_DecisionTreeH0

Start at: 2019-10-03 00:54:37
End at: 2019-10-03 00:55:07
Local clock offset: -0.312 ms
Remote clock offset: 0.003 ms

# Below is generated by plot.py at 2019-10-03 04:15:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 469.05 Mbit/s
95th percentile per-packet one-way delay: 183.189 ms
Loss rate: 1.33%
-- Flow 1:
Average throughput: 301.82 Mbit/s
95th percentile per-packet one-way delay: 116.598 ms
Loss rate: 0.84%
-- Flow 2:
Average throughput: 138.62 Mbit/s
95th percentile per-packet one-way delay: 242.199 ms
Loss rate: 2.58%
-- Flow 3:
Average throughput: 239.62 Mbit/s
95th percentile per-packet one-way delay: 122.586 ms
Loss rate: 1.73%
```

Run 4: Report of Muses_DecisionTreeH0 — Data Link

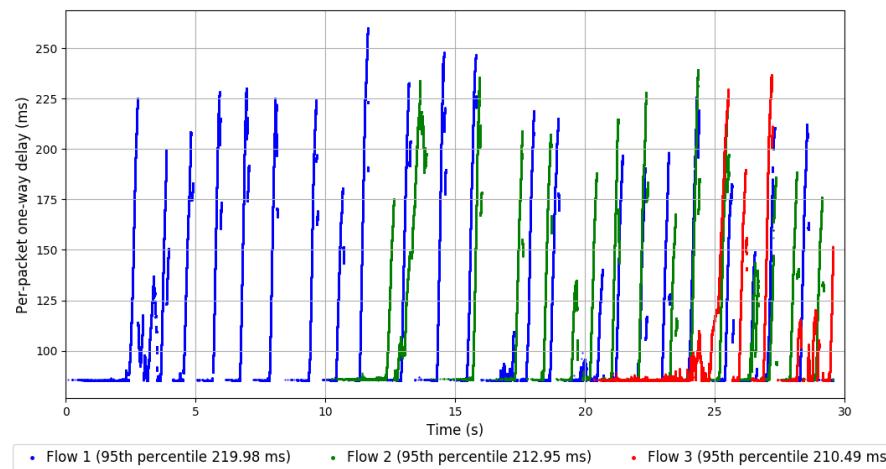
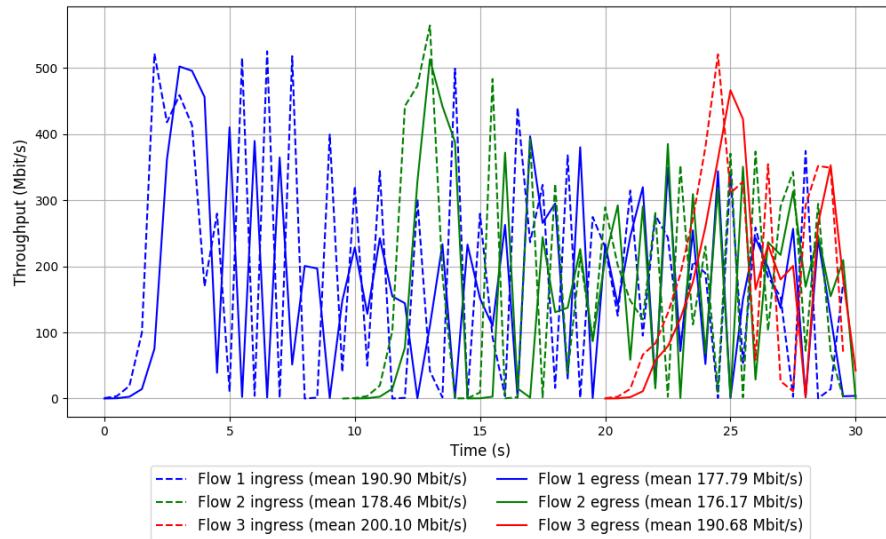


```
Run 5: Statistics of Muses\_DecisionTreeH0

Start at: 2019-10-03 01:35:46
End at: 2019-10-03 01:36:16
Local clock offset: -0.425 ms
Remote clock offset: -0.026 ms

# Below is generated by plot.py at 2019-10-03 04:15:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 354.95 Mbit/s
95th percentile per-packet one-way delay: 215.469 ms
Loss rate: 5.51%
-- Flow 1:
Average throughput: 177.79 Mbit/s
95th percentile per-packet one-way delay: 219.978 ms
Loss rate: 7.41%
-- Flow 2:
Average throughput: 176.17 Mbit/s
95th percentile per-packet one-way delay: 212.948 ms
Loss rate: 2.15%
-- Flow 3:
Average throughput: 190.68 Mbit/s
95th percentile per-packet one-way delay: 210.489 ms
Loss rate: 6.07%
```

Run 5: Report of Muses_DecisionTreeH0 — Data Link

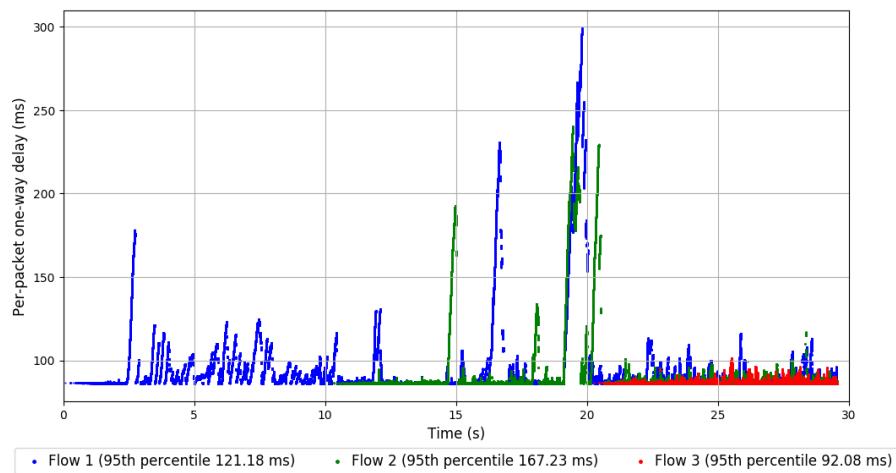
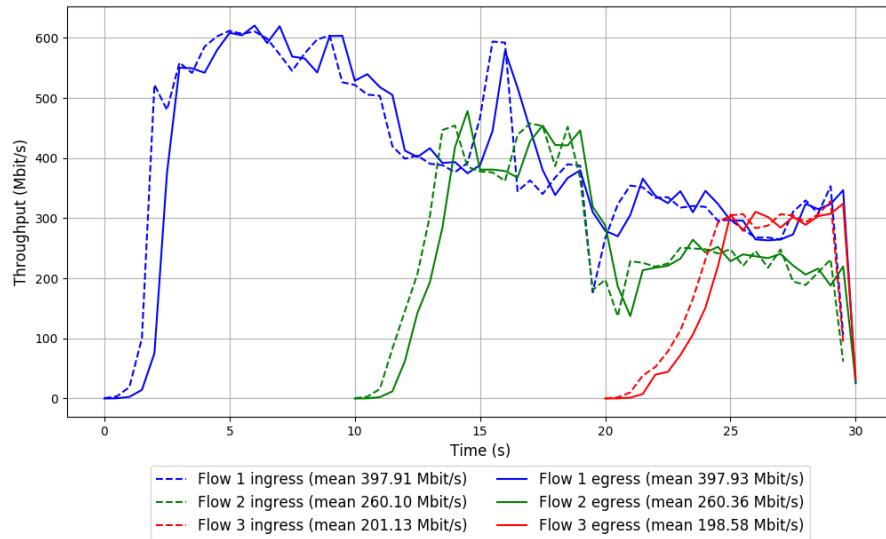


```
Run 1: Statistics of Muses\_DecisionTreeR0

Start at: 2019-10-02 23:12:41
End at: 2019-10-02 23:13:11
Local clock offset: 0.393 ms
Remote clock offset: -0.061 ms

# Below is generated by plot.py at 2019-10-03 04:19:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 631.91 Mbit/s
95th percentile per-packet one-way delay: 123.133 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 397.93 Mbit/s
95th percentile per-packet one-way delay: 121.180 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 260.36 Mbit/s
95th percentile per-packet one-way delay: 167.234 ms
Loss rate: 0.78%
-- Flow 3:
Average throughput: 198.58 Mbit/s
95th percentile per-packet one-way delay: 92.082 ms
Loss rate: 3.07%
```

Run 1: Report of Muses_DecisionTreeR0 — Data Link

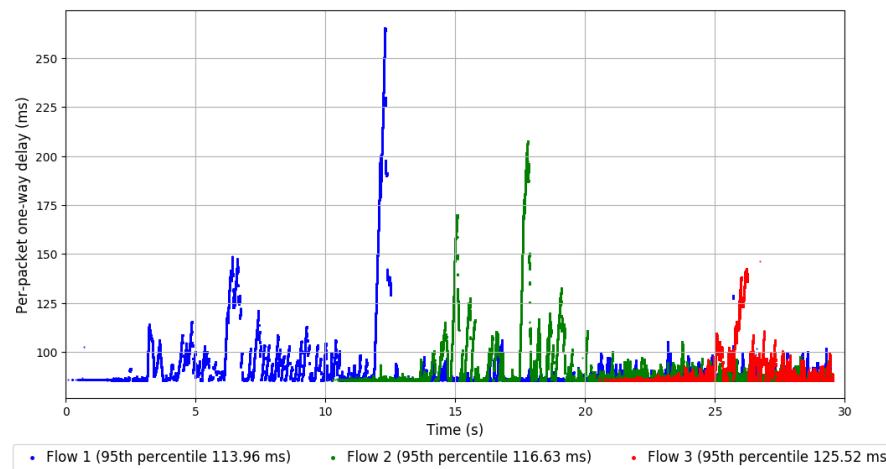
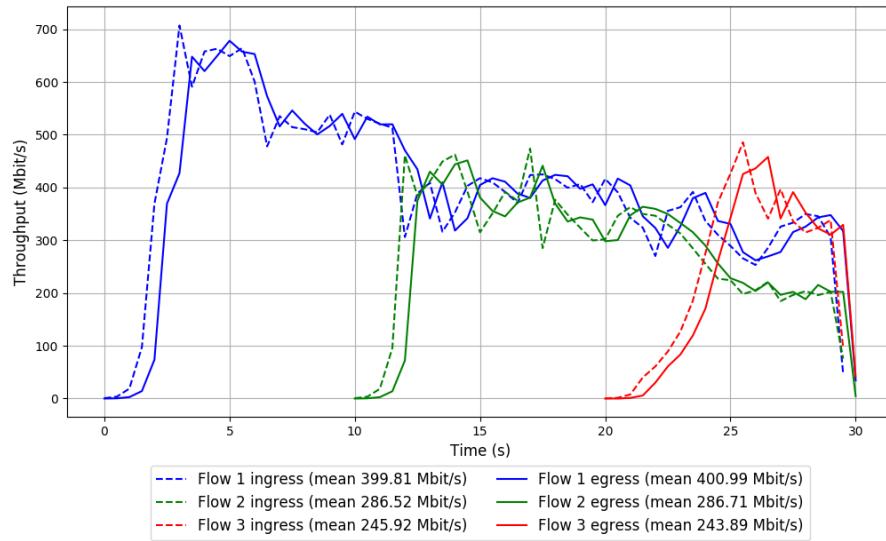


```
Run 2: Statistics of Muses\_DecisionTreeR0

Start at: 2019-10-02 23:53:12
End at: 2019-10-02 23:53:42
Local clock offset: -0.289 ms
Remote clock offset: -0.064 ms

# Below is generated by plot.py at 2019-10-03 04:20:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 666.33 Mbit/s
95th percentile per-packet one-way delay: 117.190 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 400.99 Mbit/s
95th percentile per-packet one-way delay: 113.962 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 286.71 Mbit/s
95th percentile per-packet one-way delay: 116.633 ms
Loss rate: 0.81%
-- Flow 3:
Average throughput: 243.89 Mbit/s
95th percentile per-packet one-way delay: 125.523 ms
Loss rate: 2.67%
```

Run 2: Report of Muses_DecisionTreeR0 — Data Link

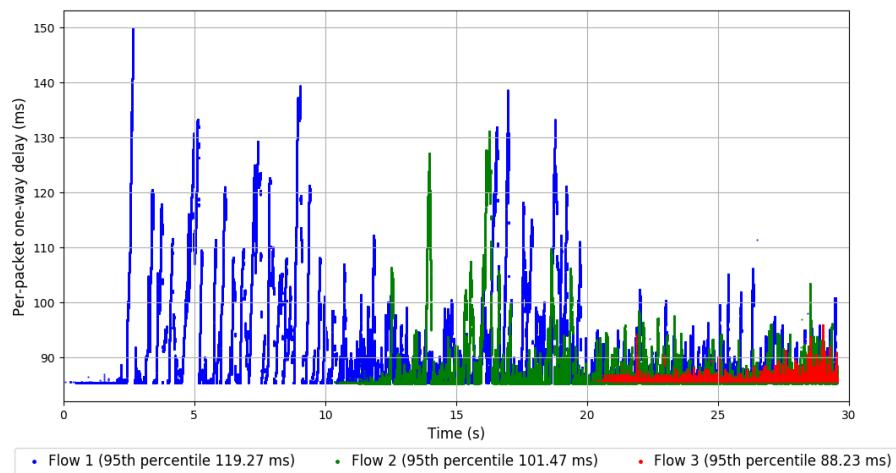
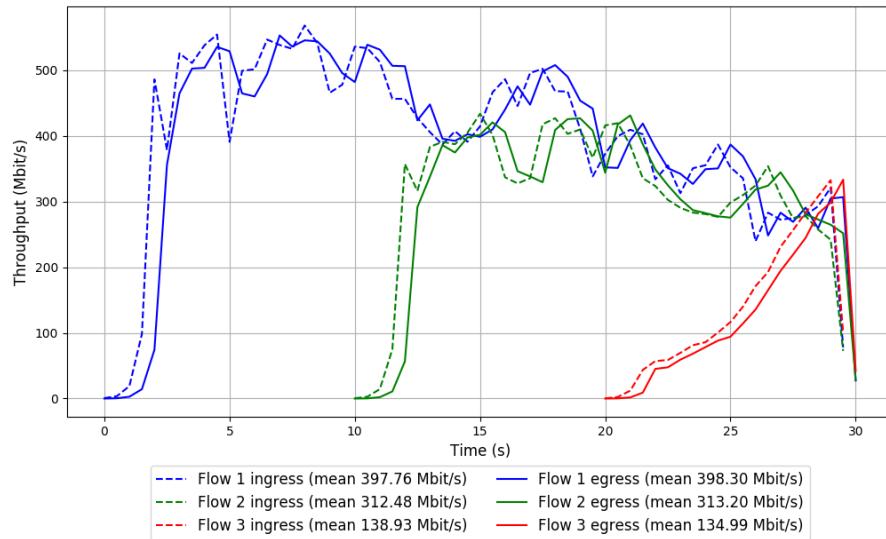


```
Run 3: Statistics of Muses\_DecisionTreeR0

Start at: 2019-10-03 00:33:50
End at: 2019-10-03 00:34:20
Local clock offset: -0.461 ms
Remote clock offset: 0.042 ms

# Below is generated by plot.py at 2019-10-03 04:25:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 647.00 Mbit/s
95th percentile per-packet one-way delay: 114.767 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 398.30 Mbit/s
95th percentile per-packet one-way delay: 119.268 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 313.20 Mbit/s
95th percentile per-packet one-way delay: 101.471 ms
Loss rate: 0.66%
-- Flow 3:
Average throughput: 134.99 Mbit/s
95th percentile per-packet one-way delay: 88.234 ms
Loss rate: 4.60%
```

Run 3: Report of Muses_DecisionTreeR0 — Data Link

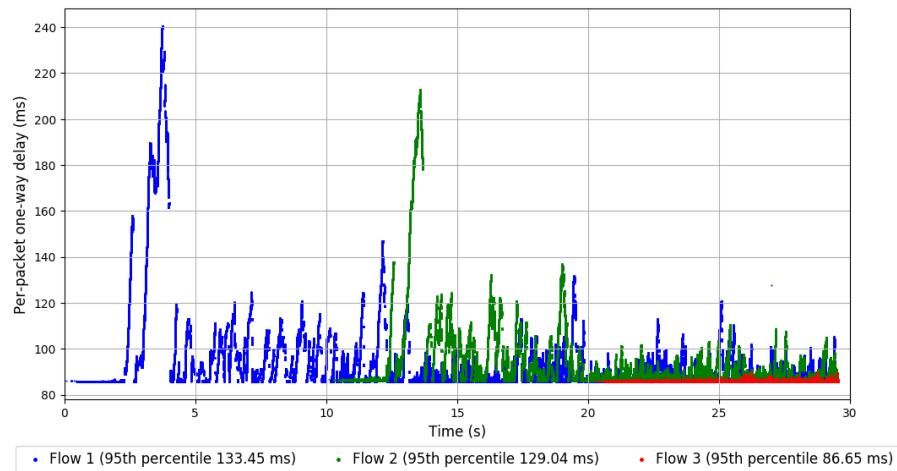
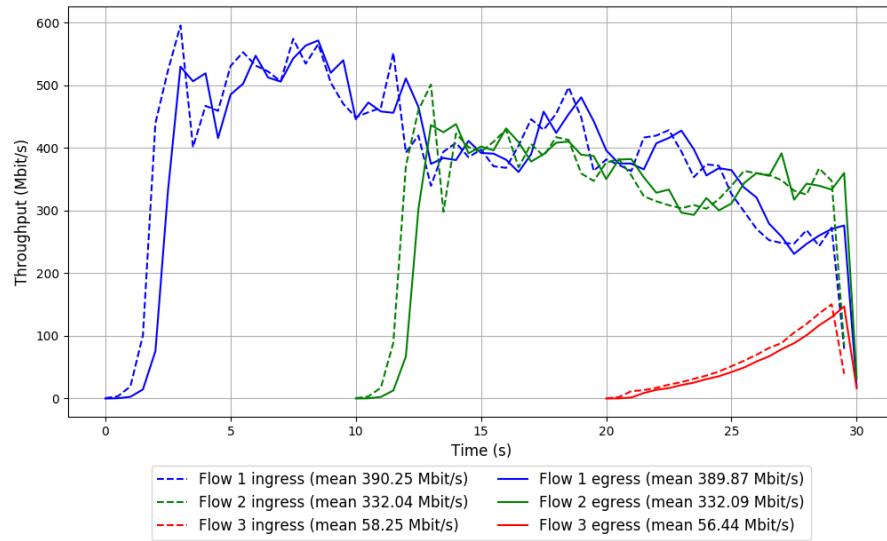


```
Run 4: Statistics of Muses\_DecisionTreeR0

Start at: 2019-10-03 01:14:47
End at: 2019-10-03 01:15:17
Local clock offset: 0.049 ms
Remote clock offset: -0.062 ms

# Below is generated by plot.py at 2019-10-03 04:25:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 626.74 Mbit/s
95th percentile per-packet one-way delay: 129.680 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 389.87 Mbit/s
95th percentile per-packet one-way delay: 133.454 ms
Loss rate: 0.68%
-- Flow 2:
Average throughput: 332.09 Mbit/s
95th percentile per-packet one-way delay: 129.039 ms
Loss rate: 0.86%
-- Flow 3:
Average throughput: 56.44 Mbit/s
95th percentile per-packet one-way delay: 86.652 ms
Loss rate: 4.93%
```

Run 4: Report of Muses_DecisionTreeR0 — Data Link

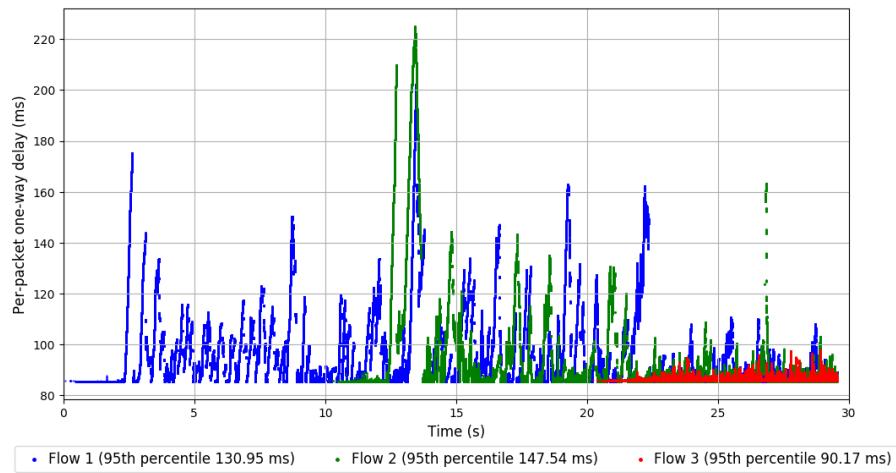
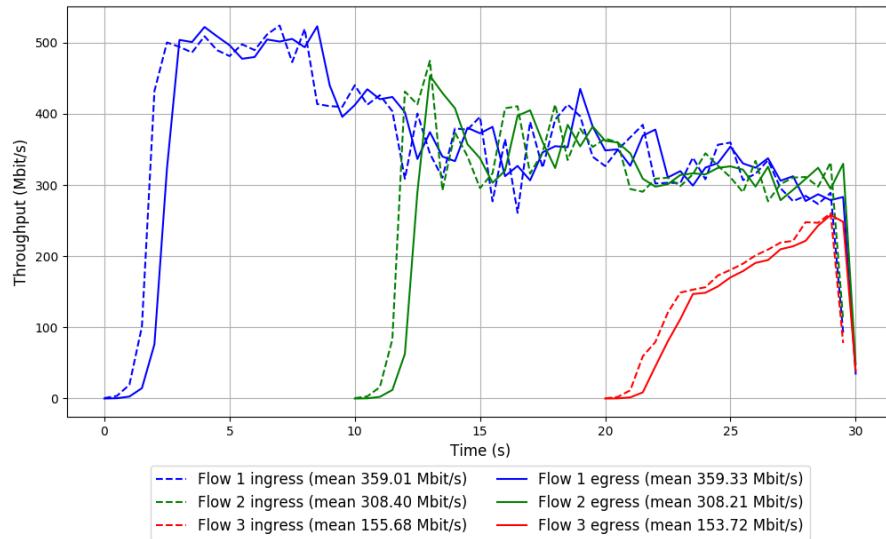


```
Run 5: Statistics of Muses\_DecisionTreeR0

Start at: 2019-10-03 01:55:48
End at: 2019-10-03 01:56:18
Local clock offset: -0.481 ms
Remote clock offset: -0.022 ms

# Below is generated by plot.py at 2019-10-03 04:26:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 611.04 Mbit/s
95th percentile per-packet one-way delay: 132.514 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 359.33 Mbit/s
95th percentile per-packet one-way delay: 130.947 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 308.21 Mbit/s
95th percentile per-packet one-way delay: 147.544 ms
Loss rate: 0.94%
-- Flow 3:
Average throughput: 153.72 Mbit/s
95th percentile per-packet one-way delay: 90.170 ms
Loss rate: 3.06%
```

Run 5: Report of Muses_DecisionTreeR0 — Data Link

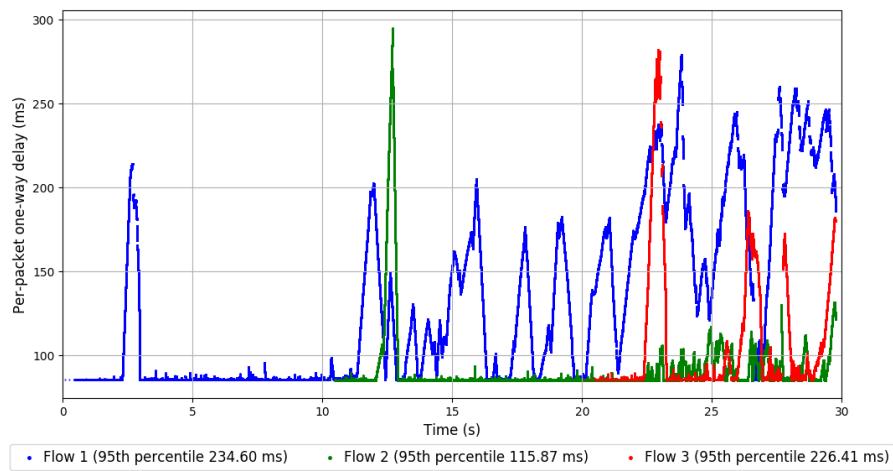
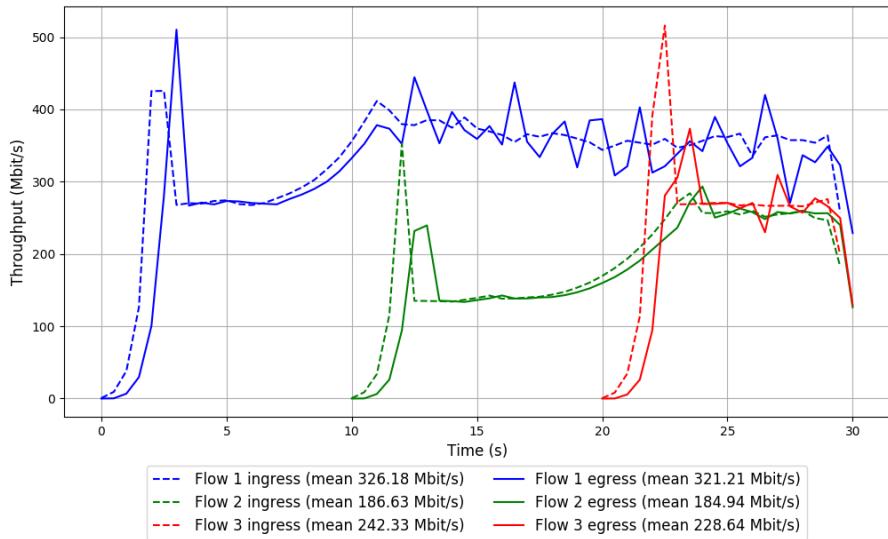


Run 1: Statistics of PCC-Allegro

```
Start at: 2019-10-02 23:07:11
End at: 2019-10-02 23:07:41
Local clock offset: -0.453 ms
Remote clock offset: -0.039 ms

# Below is generated by plot.py at 2019-10-03 04:35:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 517.97 Mbit/s
95th percentile per-packet one-way delay: 230.549 ms
Loss rate: 2.80%
-- Flow 1:
Average throughput: 321.21 Mbit/s
95th percentile per-packet one-way delay: 234.598 ms
Loss rate: 2.09%
-- Flow 2:
Average throughput: 184.94 Mbit/s
95th percentile per-packet one-way delay: 115.869 ms
Loss rate: 1.77%
-- Flow 3:
Average throughput: 228.64 Mbit/s
95th percentile per-packet one-way delay: 226.414 ms
Loss rate: 7.30%
```

Run 1: Report of PCC-Allegro — Data Link

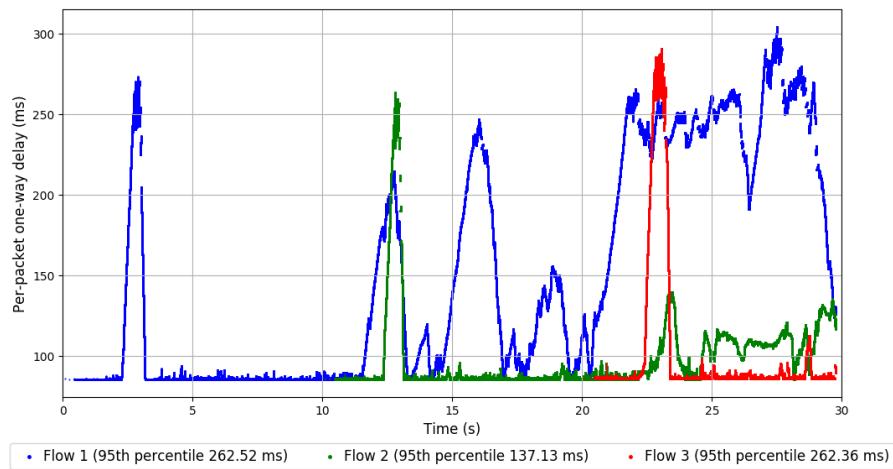
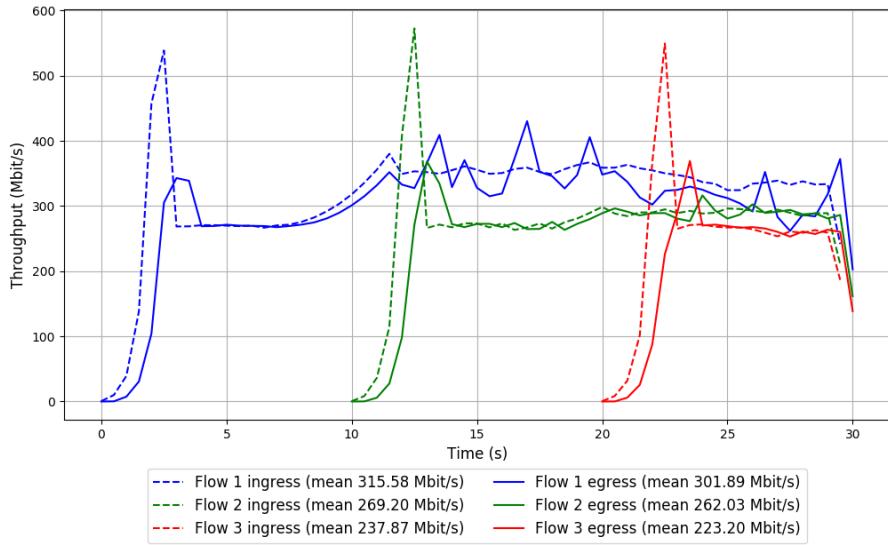


Run 2: Statistics of PCC-Allegro

```
Start at: 2019-10-02 23:47:37
End at: 2019-10-02 23:48:07
Local clock offset: -0.519 ms
Remote clock offset: -0.081 ms

# Below is generated by plot.py at 2019-10-03 04:38:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 548.13 Mbit/s
95th percentile per-packet one-way delay: 258.376 ms
Loss rate: 4.87%
-- Flow 1:
Average throughput: 301.89 Mbit/s
95th percentile per-packet one-way delay: 262.524 ms
Loss rate: 4.89%
-- Flow 2:
Average throughput: 262.03 Mbit/s
95th percentile per-packet one-way delay: 137.130 ms
Loss rate: 3.52%
-- Flow 3:
Average throughput: 223.20 Mbit/s
95th percentile per-packet one-way delay: 262.358 ms
Loss rate: 7.83%
```

Run 2: Report of PCC-Allegro — Data Link

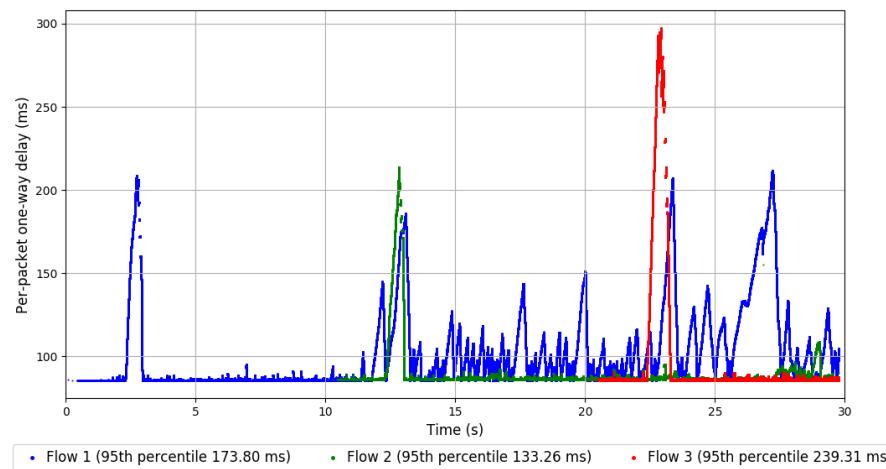
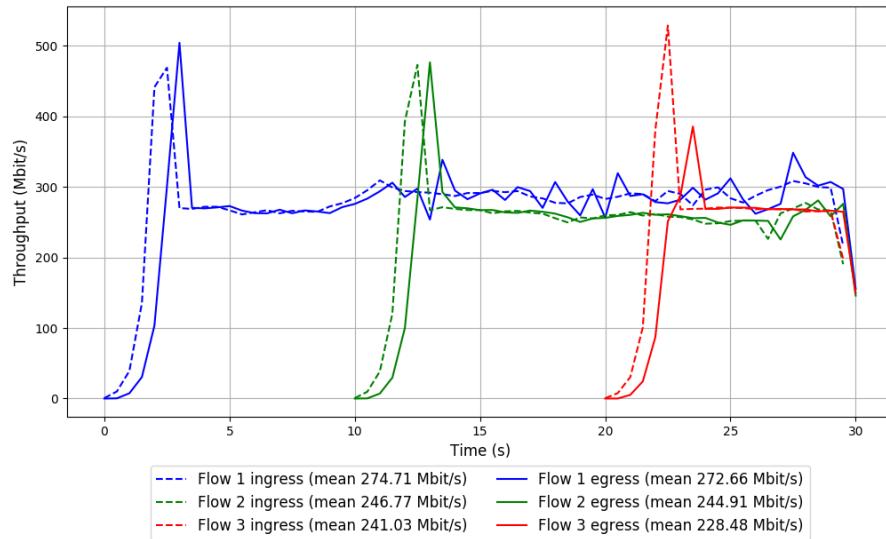


Run 3: Statistics of PCC-Allegro

```
Start at: 2019-10-03 00:28:16
End at: 2019-10-03 00:28:46
Local clock offset: -0.283 ms
Remote clock offset: 0.012 ms

# Below is generated by plot.py at 2019-10-03 04:38:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 509.24 Mbit/s
95th percentile per-packet one-way delay: 173.613 ms
Loss rate: 2.27%
-- Flow 1:
Average throughput: 272.66 Mbit/s
95th percentile per-packet one-way delay: 173.798 ms
Loss rate: 1.32%
-- Flow 2:
Average throughput: 244.91 Mbit/s
95th percentile per-packet one-way delay: 133.256 ms
Loss rate: 1.61%
-- Flow 3:
Average throughput: 228.48 Mbit/s
95th percentile per-packet one-way delay: 239.314 ms
Loss rate: 6.88%
```

Run 3: Report of PCC-Allegro — Data Link

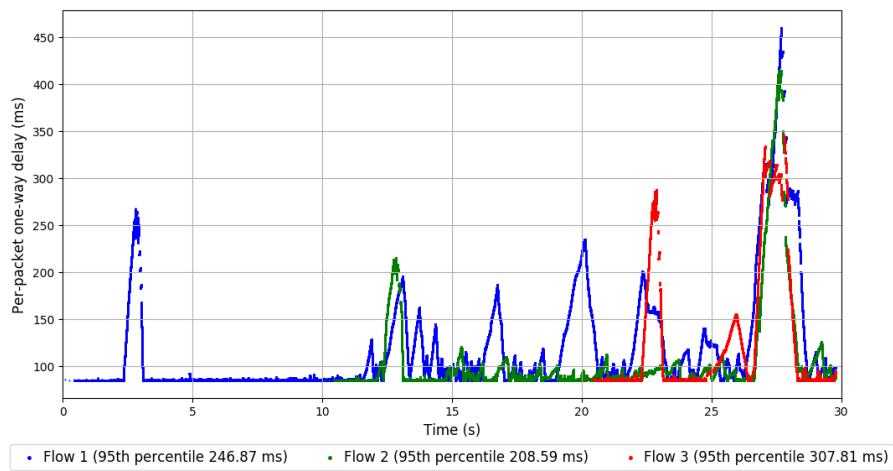
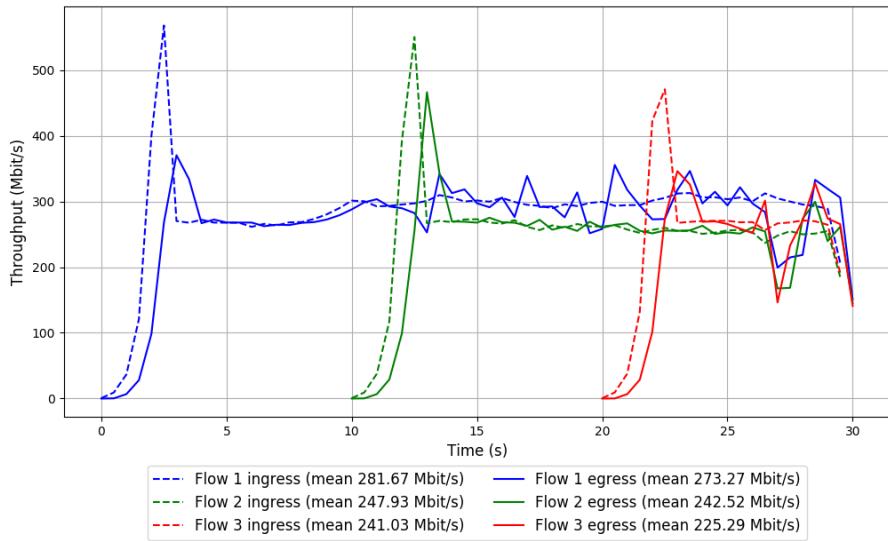


Run 4: Statistics of PCC-Allegro

```
Start at: 2019-10-03 01:09:14
End at: 2019-10-03 01:09:44
Local clock offset: -0.273 ms
Remote clock offset: -0.047 ms

# Below is generated by plot.py at 2019-10-03 04:42:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 507.43 Mbit/s
95th percentile per-packet one-way delay: 264.630 ms
Loss rate: 4.08%
-- Flow 1:
Average throughput: 273.27 Mbit/s
95th percentile per-packet one-way delay: 246.874 ms
Loss rate: 3.54%
-- Flow 2:
Average throughput: 242.52 Mbit/s
95th percentile per-packet one-way delay: 208.595 ms
Loss rate: 3.03%
-- Flow 3:
Average throughput: 225.29 Mbit/s
95th percentile per-packet one-way delay: 307.808 ms
Loss rate: 8.18%
```

Run 4: Report of PCC-Allegro — Data Link

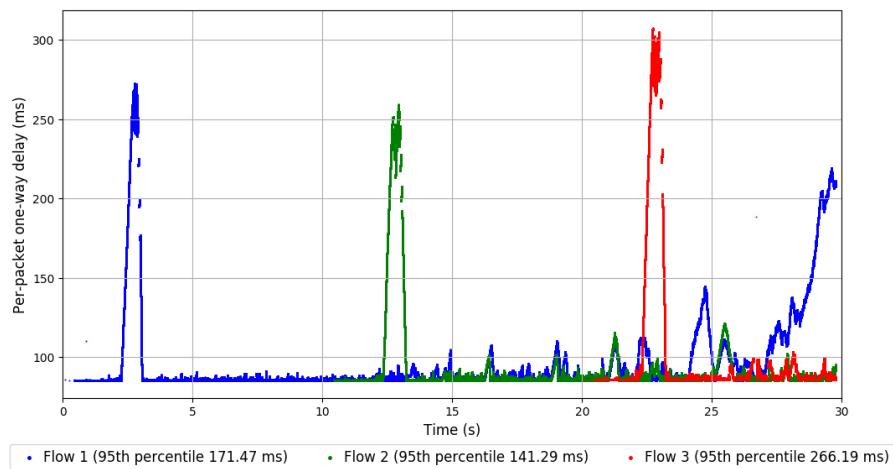
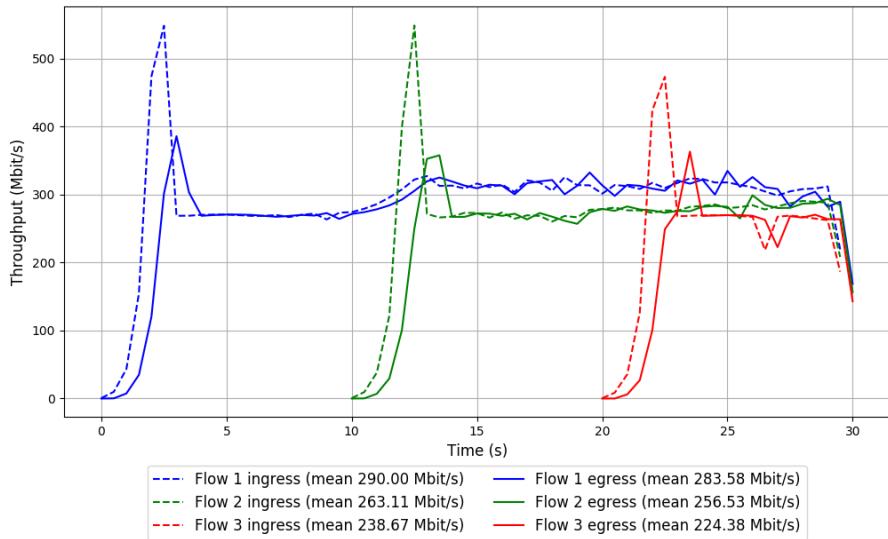


Run 5: Statistics of PCC-Allegro

```
Start at: 2019-10-03 01:50:14
End at: 2019-10-03 01:50:44
Local clock offset: -0.486 ms
Remote clock offset: -0.041 ms

# Below is generated by plot.py at 2019-10-03 04:45:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 526.51 Mbit/s
95th percentile per-packet one-way delay: 182.563 ms
Loss rate: 3.66%
-- Flow 1:
Average throughput: 283.58 Mbit/s
95th percentile per-packet one-way delay: 171.474 ms
Loss rate: 2.78%
-- Flow 2:
Average throughput: 256.53 Mbit/s
95th percentile per-packet one-way delay: 141.287 ms
Loss rate: 3.34%
-- Flow 3:
Average throughput: 224.38 Mbit/s
95th percentile per-packet one-way delay: 266.192 ms
Loss rate: 7.64%
```

Run 5: Report of PCC-Allegro — Data Link

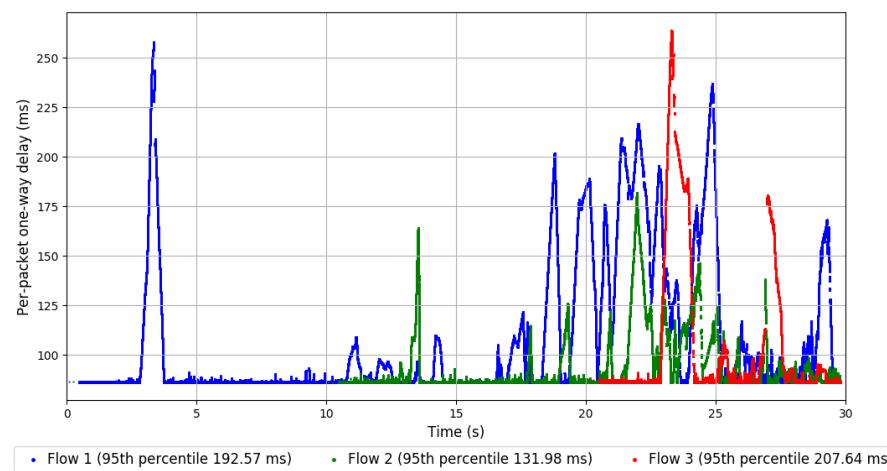
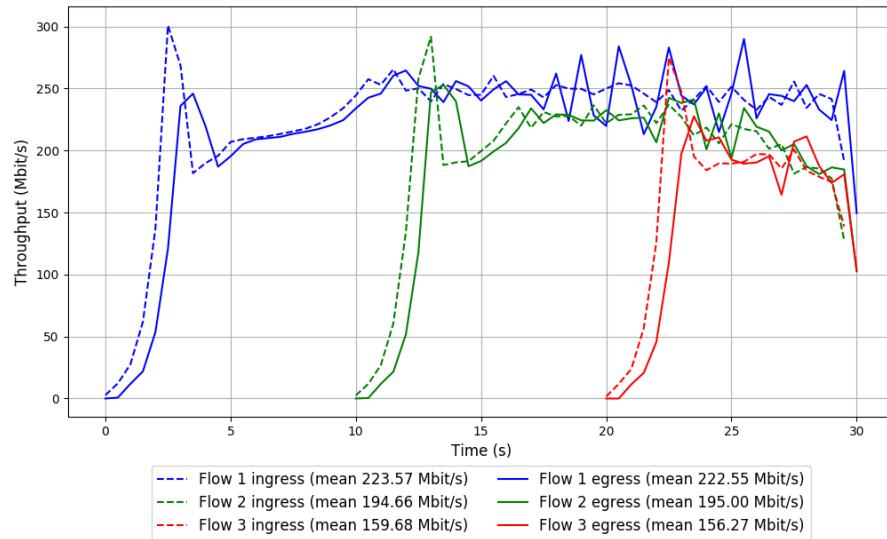


Run 1: Statistics of PCC-Expr

```
Start at: 2019-10-02 22:54:14
End at: 2019-10-02 22:54:44
Local clock offset: 0.068 ms
Remote clock offset: -0.065 ms

# Below is generated by plot.py at 2019-10-03 04:45:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 402.81 Mbit/s
95th percentile per-packet one-way delay: 185.466 ms
Loss rate: 1.29%
-- Flow 1:
Average throughput: 222.55 Mbit/s
95th percentile per-packet one-way delay: 192.573 ms
Loss rate: 1.03%
-- Flow 2:
Average throughput: 195.00 Mbit/s
95th percentile per-packet one-way delay: 131.984 ms
Loss rate: 0.69%
-- Flow 3:
Average throughput: 156.27 Mbit/s
95th percentile per-packet one-way delay: 207.639 ms
Loss rate: 3.85%
```

Run 1: Report of PCC-Expr — Data Link

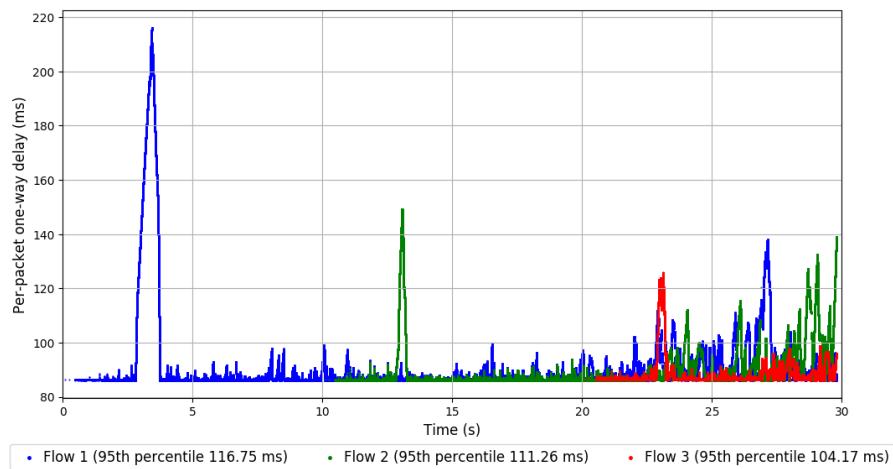
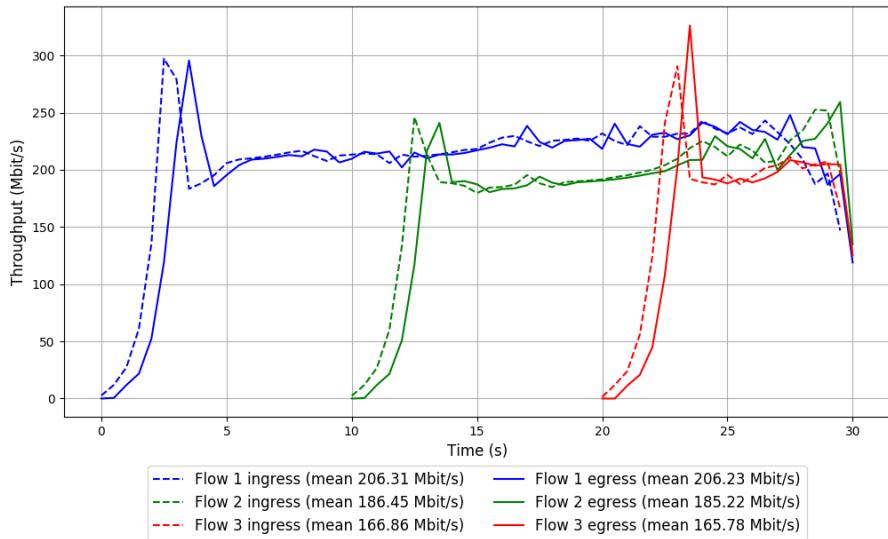


Run 2: Statistics of PCC-Expr

```
Start at: 2019-10-02 23:34:52
End at: 2019-10-02 23:35:22
Local clock offset: 0.369 ms
Remote clock offset: 0.018 ms

# Below is generated by plot.py at 2019-10-03 04:45:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 383.13 Mbit/s
95th percentile per-packet one-way delay: 111.870 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 206.23 Mbit/s
95th percentile per-packet one-way delay: 116.755 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 185.22 Mbit/s
95th percentile per-packet one-way delay: 111.258 ms
Loss rate: 1.52%
-- Flow 3:
Average throughput: 165.78 Mbit/s
95th percentile per-packet one-way delay: 104.174 ms
Loss rate: 2.39%
```

Run 2: Report of PCC-Expr — Data Link

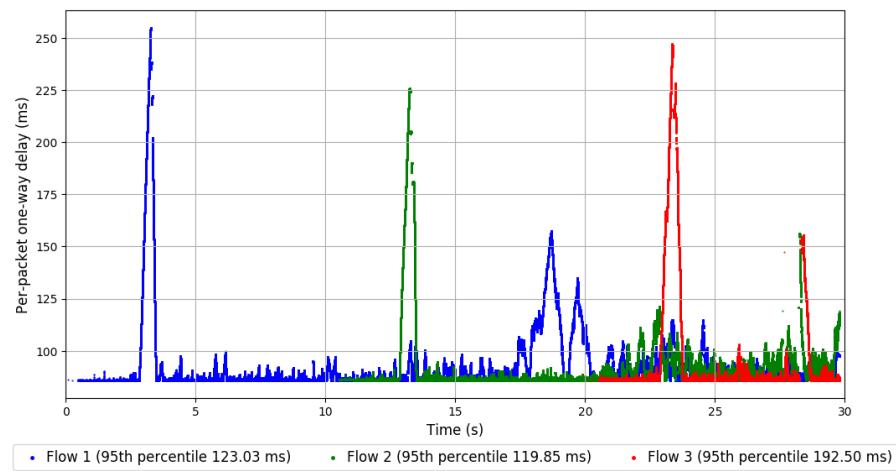
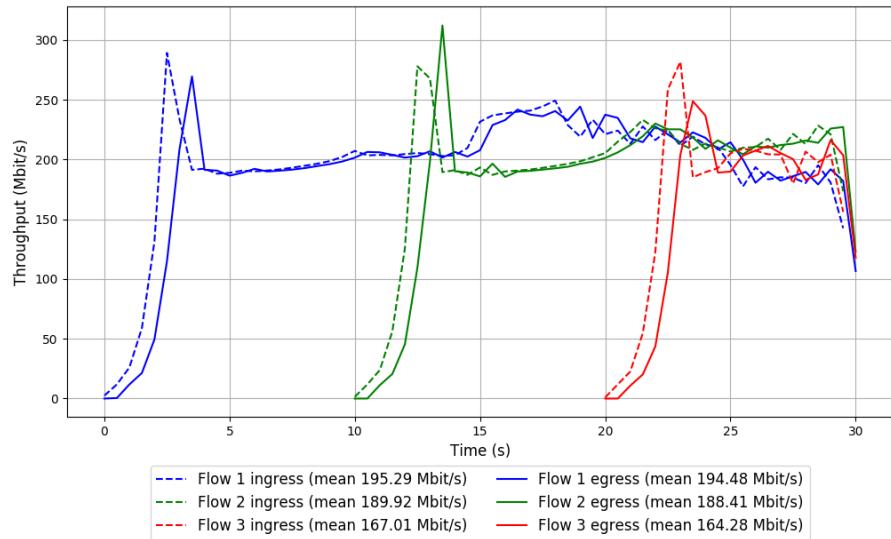


Run 3: Statistics of PCC-Expr

```
Start at: 2019-10-03 00:15:31
End at: 2019-10-03 00:16:01
Local clock offset: 0.131 ms
Remote clock offset: -0.05 ms

# Below is generated by plot.py at 2019-10-03 04:45:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 373.01 Mbit/s
95th percentile per-packet one-way delay: 134.895 ms
Loss rate: 1.56%
-- Flow 1:
Average throughput: 194.48 Mbit/s
95th percentile per-packet one-way delay: 123.035 ms
Loss rate: 0.99%
-- Flow 2:
Average throughput: 188.41 Mbit/s
95th percentile per-packet one-way delay: 119.846 ms
Loss rate: 1.65%
-- Flow 3:
Average throughput: 164.28 Mbit/s
95th percentile per-packet one-way delay: 192.499 ms
Loss rate: 3.36%
```

Run 3: Report of PCC-Expr — Data Link

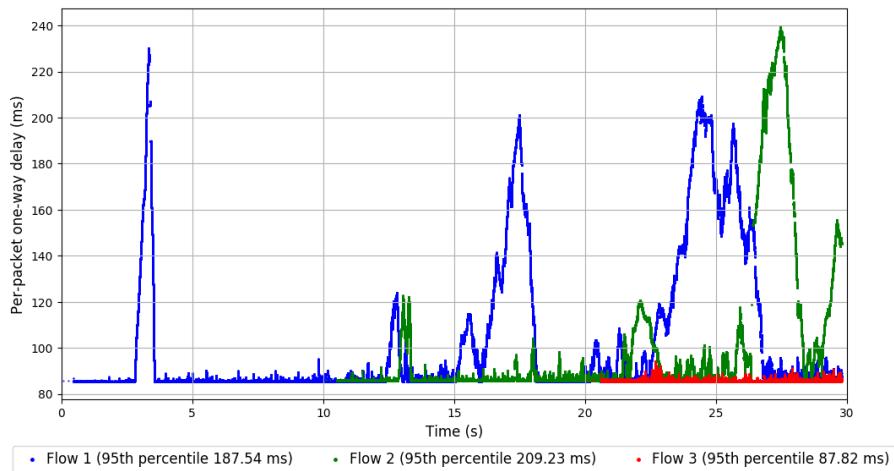
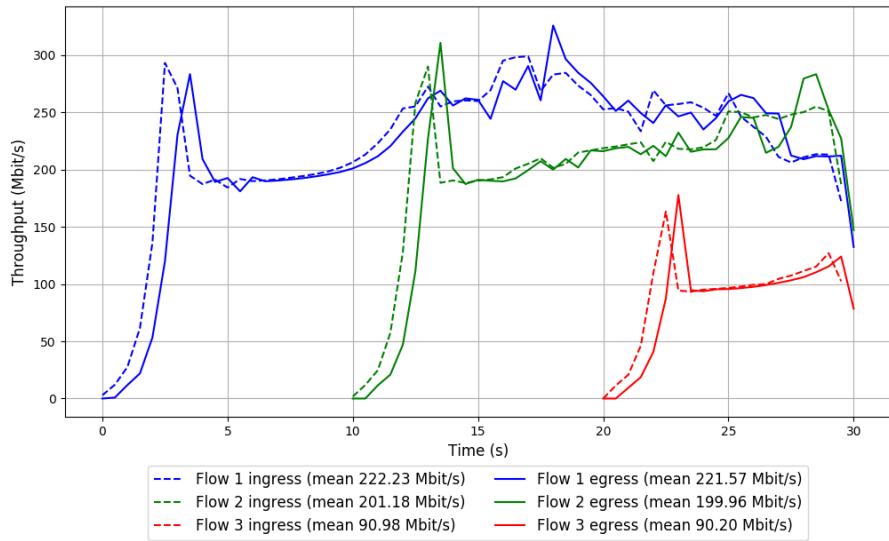


Run 4: Statistics of PCC-Expr

```
Start at: 2019-10-03 00:56:19
End at: 2019-10-03 00:56:49
Local clock offset: -0.273 ms
Remote clock offset: -0.023 ms

# Below is generated by plot.py at 2019-10-03 04:52:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 383.56 Mbit/s
95th percentile per-packet one-way delay: 188.588 ms
Loss rate: 1.21%
-- Flow 1:
Average throughput: 221.57 Mbit/s
95th percentile per-packet one-way delay: 187.541 ms
Loss rate: 0.86%
-- Flow 2:
Average throughput: 199.96 Mbit/s
95th percentile per-packet one-way delay: 209.232 ms
Loss rate: 1.47%
-- Flow 3:
Average throughput: 90.20 Mbit/s
95th percentile per-packet one-way delay: 87.822 ms
Loss rate: 2.59%
```

Run 4: Report of PCC-Expr — Data Link

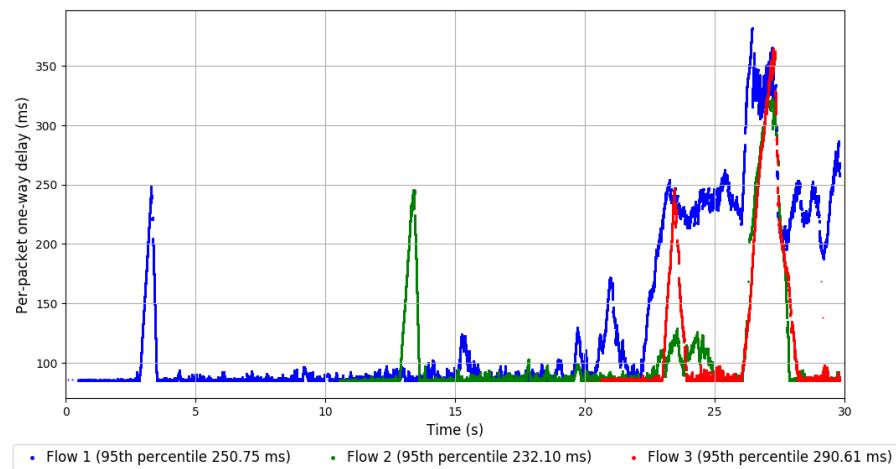
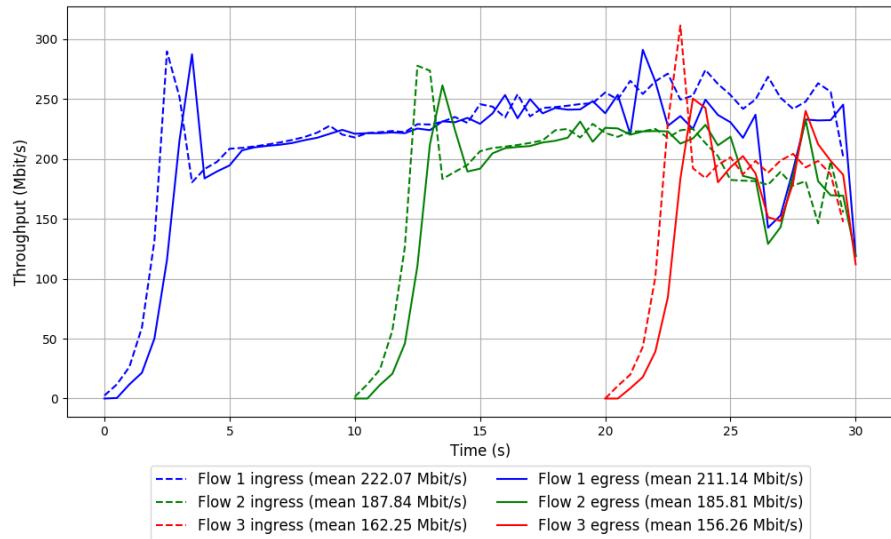


Run 5: Statistics of PCC-Expr

```
Start at: 2019-10-03 01:37:22
End at: 2019-10-03 01:37:52
Local clock offset: -0.429 ms
Remote clock offset: -0.018 ms

# Below is generated by plot.py at 2019-10-03 04:54:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 385.17 Mbit/s
95th percentile per-packet one-way delay: 251.084 ms
Loss rate: 4.37%
-- Flow 1:
Average throughput: 211.14 Mbit/s
95th percentile per-packet one-way delay: 250.752 ms
Loss rate: 5.48%
-- Flow 2:
Average throughput: 185.81 Mbit/s
95th percentile per-packet one-way delay: 232.099 ms
Loss rate: 1.95%
-- Flow 3:
Average throughput: 156.26 Mbit/s
95th percentile per-packet one-way delay: 290.611 ms
Loss rate: 5.40%
```

Run 5: Report of PCC-Expr — Data Link

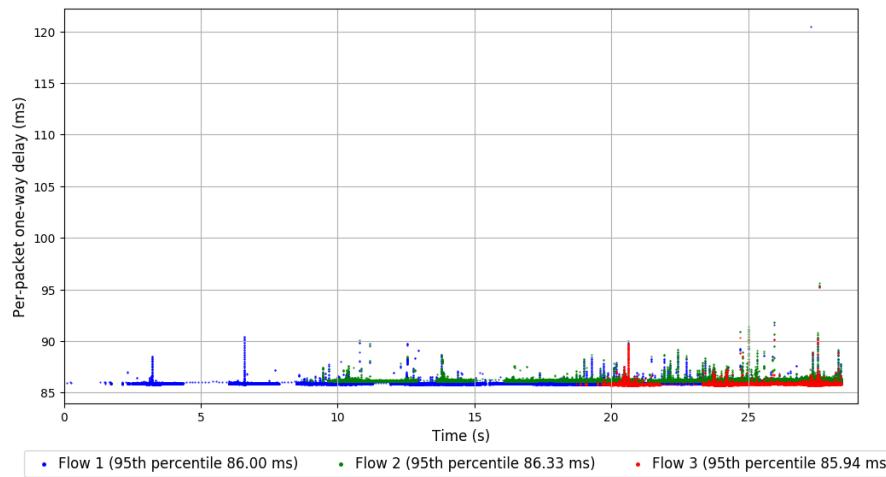
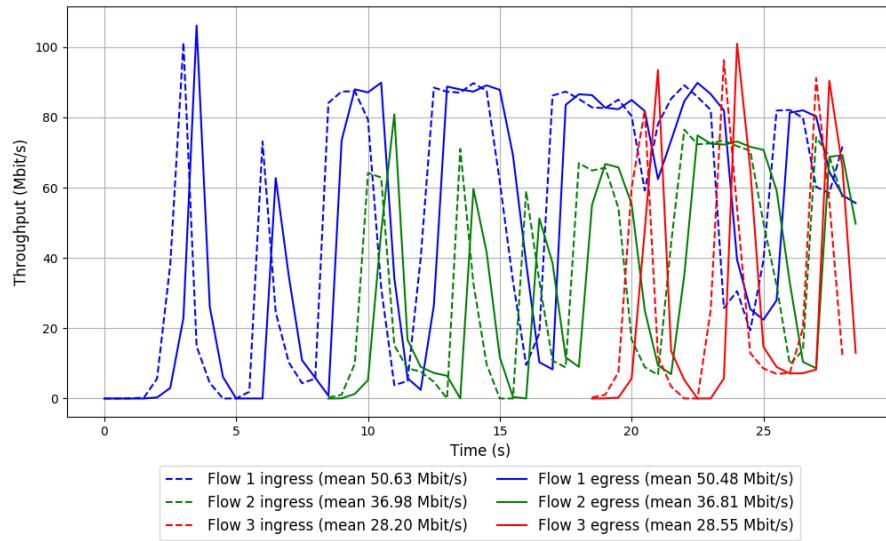


```
Run 1: Statistics of QUIC Cubic
```

```
Start at: 2019-10-02 23:00:51
End at: 2019-10-02 23:01:21
Local clock offset: -0.033 ms
Remote clock offset: -0.029 ms

# Below is generated by plot.py at 2019-10-03 04:54:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.90 Mbit/s
95th percentile per-packet one-way delay: 86.260 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 50.48 Mbit/s
95th percentile per-packet one-way delay: 85.999 ms
Loss rate: 0.90%
-- Flow 2:
Average throughput: 36.81 Mbit/s
95th percentile per-packet one-way delay: 86.334 ms
Loss rate: 1.31%
-- Flow 3:
Average throughput: 28.55 Mbit/s
95th percentile per-packet one-way delay: 85.945 ms
Loss rate: 0.54%
```

Run 1: Report of QUIC Cubic — Data Link

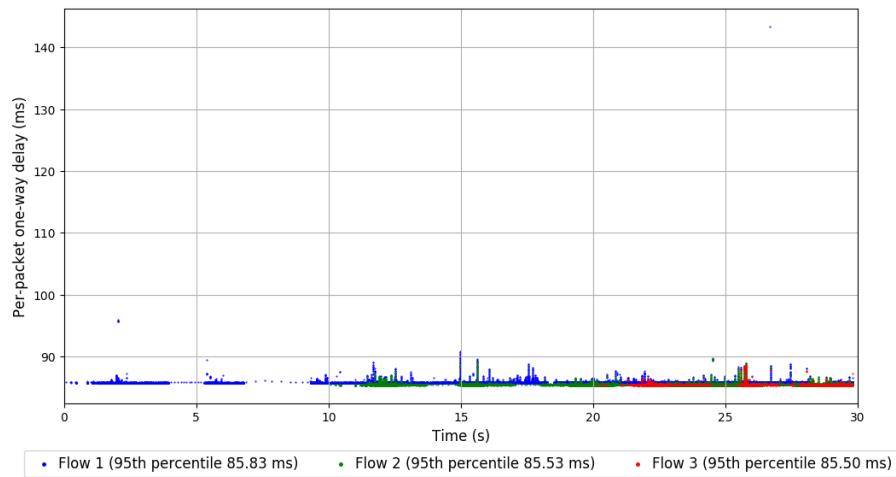
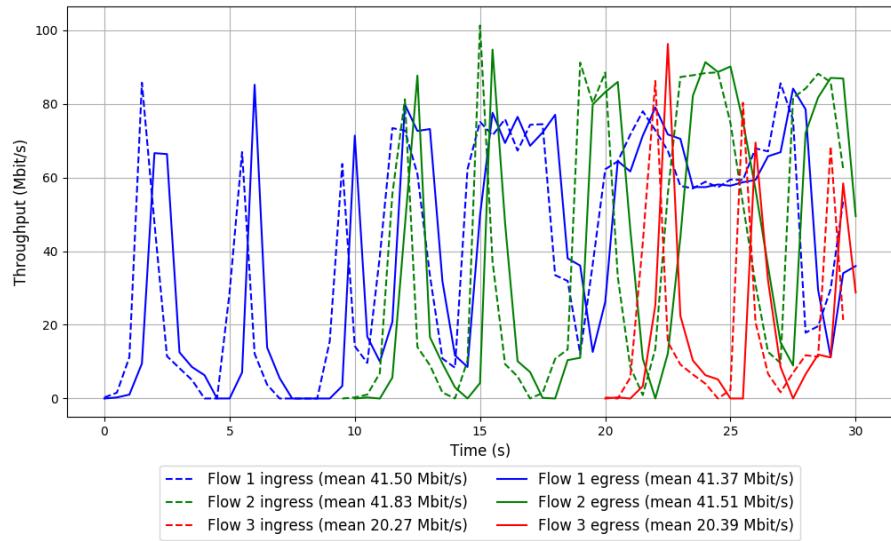


Run 2: Statistics of QUIC Cubic

```
Start at: 2019-10-02 23:41:21
End at: 2019-10-02 23:41:51
Local clock offset: -0.507 ms
Remote clock offset: -0.06 ms

# Below is generated by plot.py at 2019-10-03 04:54:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 75.59 Mbit/s
95th percentile per-packet one-way delay: 85.816 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 41.37 Mbit/s
95th percentile per-packet one-way delay: 85.833 ms
Loss rate: 0.87%
-- Flow 2:
Average throughput: 41.51 Mbit/s
95th percentile per-packet one-way delay: 85.525 ms
Loss rate: 1.64%
-- Flow 3:
Average throughput: 20.39 Mbit/s
95th percentile per-packet one-way delay: 85.500 ms
Loss rate: 1.17%
```

Run 2: Report of QUIC Cubic — Data Link

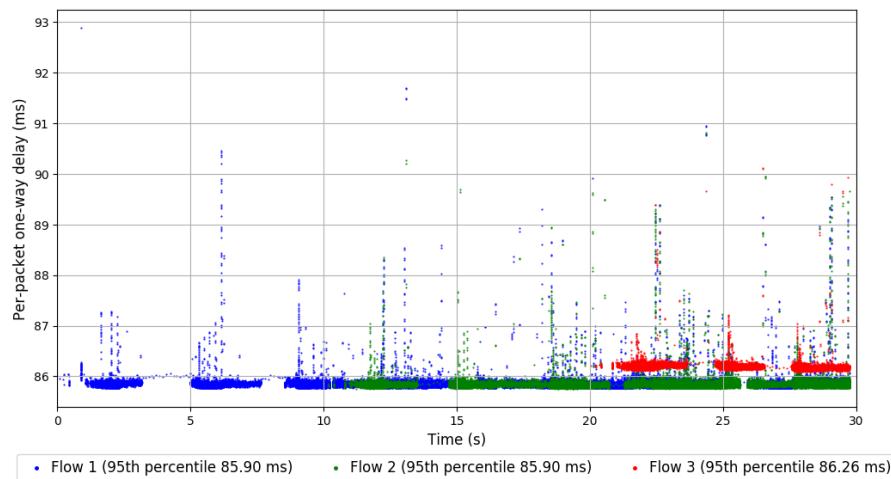
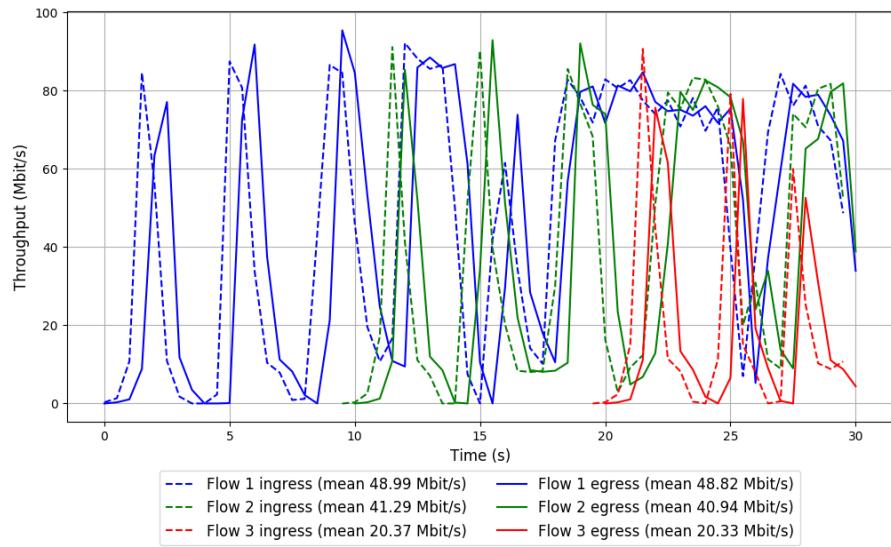


Run 3: Statistics of QUIC Cubic

```
Start at: 2019-10-03 00:22:01
End at: 2019-10-03 00:22:31
Local clock offset: -0.063 ms
Remote clock offset: -0.03 ms

# Below is generated by plot.py at 2019-10-03 04:54:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 82.70 Mbit/s
95th percentile per-packet one-way delay: 86.181 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 48.82 Mbit/s
95th percentile per-packet one-way delay: 85.904 ms
Loss rate: 0.93%
-- Flow 2:
Average throughput: 40.94 Mbit/s
95th percentile per-packet one-way delay: 85.900 ms
Loss rate: 1.68%
-- Flow 3:
Average throughput: 20.33 Mbit/s
95th percentile per-packet one-way delay: 86.263 ms
Loss rate: 1.97%
```

Run 3: Report of QUIC Cubic — Data Link

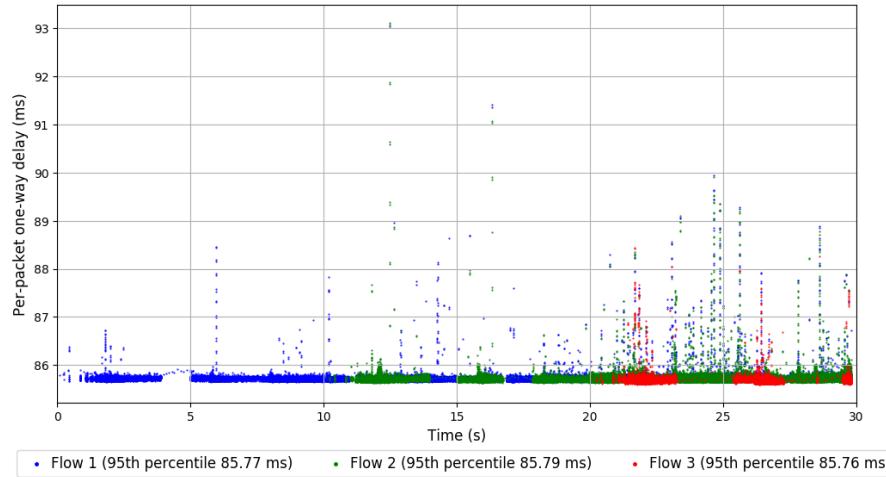
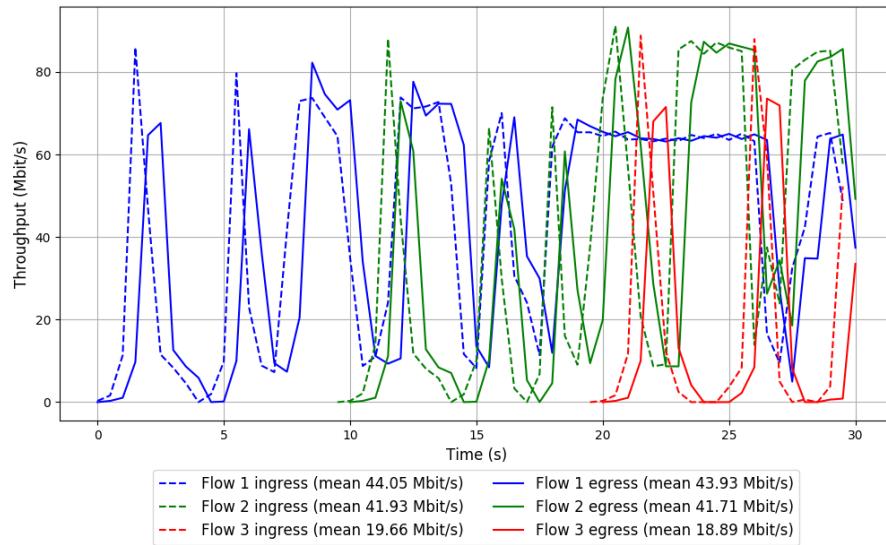


Run 4: Statistics of QUIC Cubic

```
Start at: 2019-10-03 01:02:51
End at: 2019-10-03 01:03:21
Local clock offset: -0.085 ms
Remote clock offset: -0.044 ms

# Below is generated by plot.py at 2019-10-03 04:54:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.82 Mbit/s
95th percentile per-packet one-way delay: 85.776 ms
Loss rate: 1.42%
-- Flow 1:
Average throughput: 43.93 Mbit/s
95th percentile per-packet one-way delay: 85.769 ms
Loss rate: 0.83%
-- Flow 2:
Average throughput: 41.71 Mbit/s
95th percentile per-packet one-way delay: 85.791 ms
Loss rate: 1.39%
-- Flow 3:
Average throughput: 18.89 Mbit/s
95th percentile per-packet one-way delay: 85.759 ms
Loss rate: 5.57%
```

Run 4: Report of QUIC Cubic — Data Link

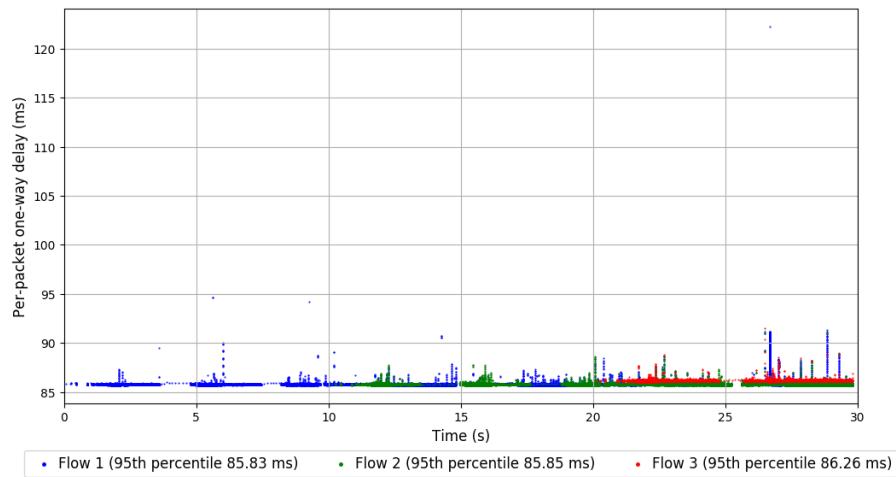
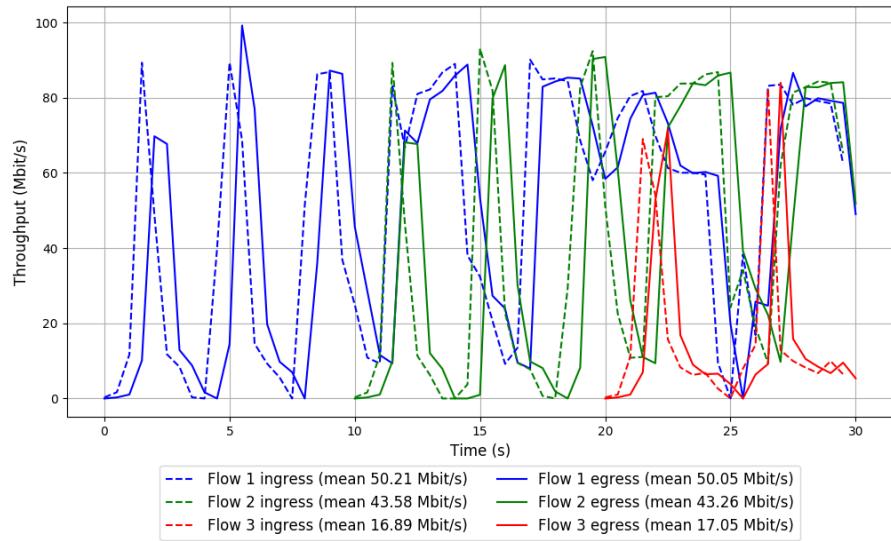


Run 5: Statistics of QUIC Cubic

```
Start at: 2019-10-03 01:43:58
End at: 2019-10-03 01:44:28
Local clock offset: -0.114 ms
Remote clock offset: -0.028 ms

# Below is generated by plot.py at 2019-10-03 04:54:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.32 Mbit/s
95th percentile per-packet one-way delay: 86.118 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 50.05 Mbit/s
95th percentile per-packet one-way delay: 85.833 ms
Loss rate: 0.89%
-- Flow 2:
Average throughput: 43.26 Mbit/s
95th percentile per-packet one-way delay: 85.849 ms
Loss rate: 1.61%
-- Flow 3:
Average throughput: 17.05 Mbit/s
95th percentile per-packet one-way delay: 86.258 ms
Loss rate: 0.80%
```

Run 5: Report of QUIC Cubic — Data Link

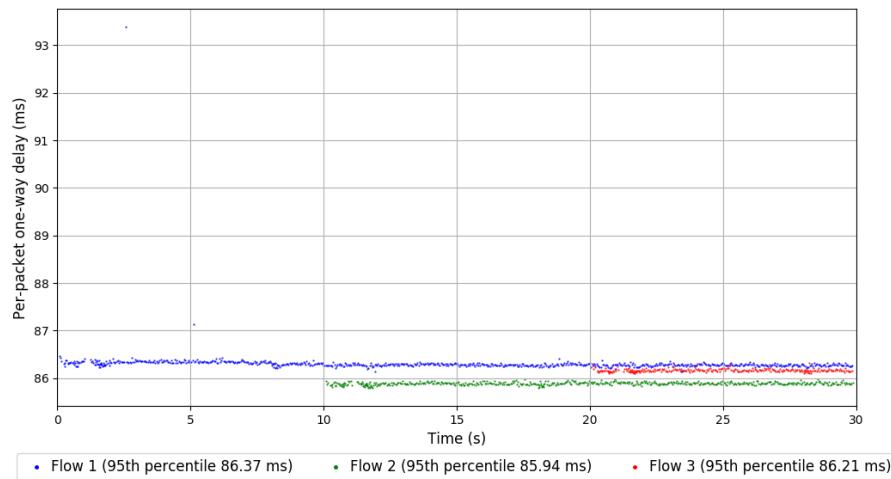
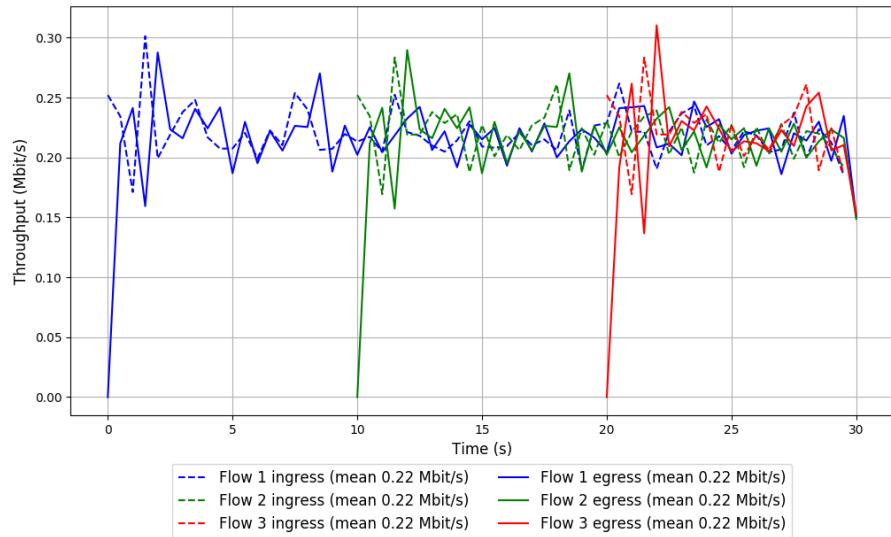


Run 1: Statistics of SCReAM

```
Start at: 2019-10-02 22:56:08
End at: 2019-10-02 22:56:38
Local clock offset: -0.121 ms
Remote clock offset: -0.048 ms

# Below is generated by plot.py at 2019-10-03 04:54:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 86.348 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.367 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.940 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.212 ms
Loss rate: 1.85%
```

Run 1: Report of SCReAM — Data Link

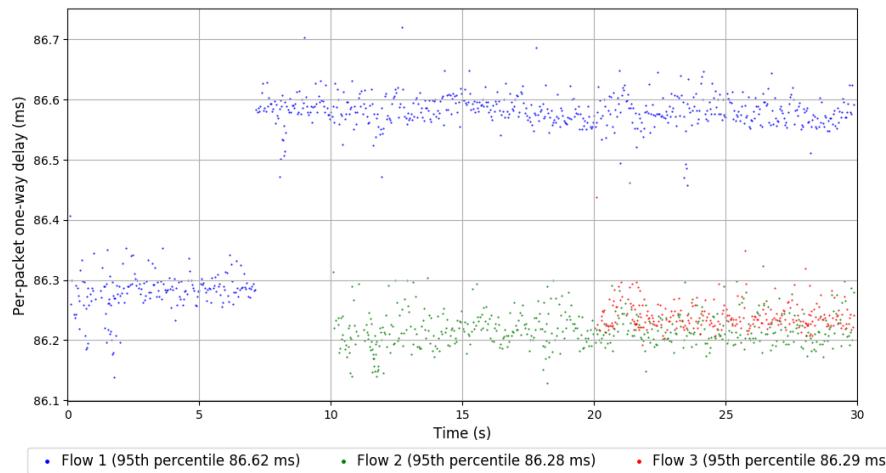
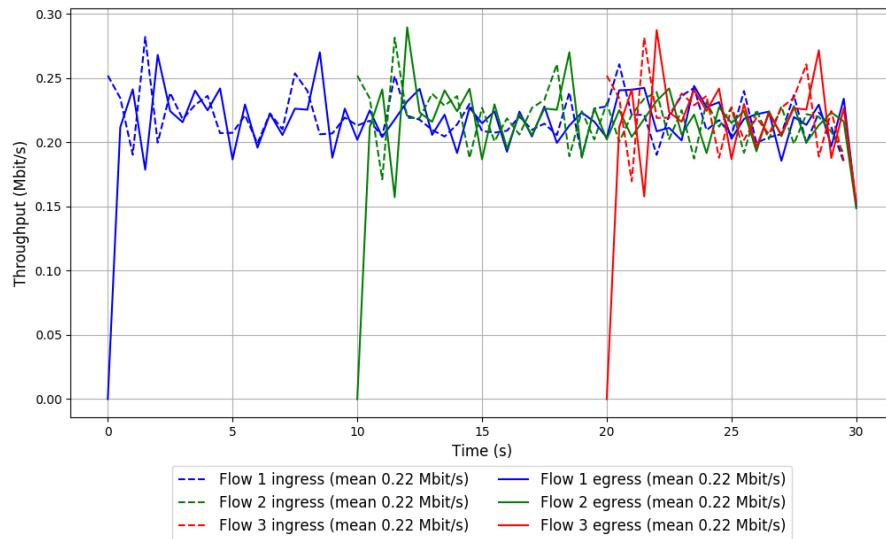


Run 2: Statistics of SCReAM

```
Start at: 2019-10-02 23:36:44
End at: 2019-10-02 23:37:14
Local clock offset: 0.215 ms
Remote clock offset: -0.046 ms

# Below is generated by plot.py at 2019-10-03 04:54:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 86.607 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.616 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.276 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.286 ms
Loss rate: 1.46%
```

Run 2: Report of SCReAM — Data Link

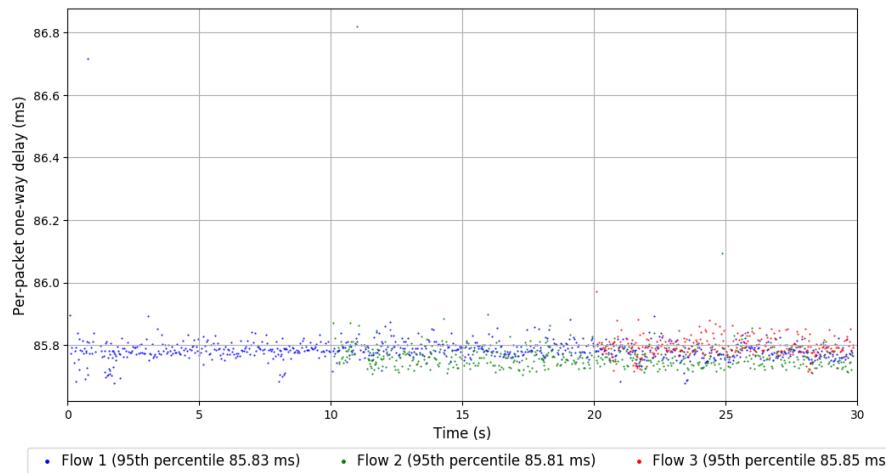
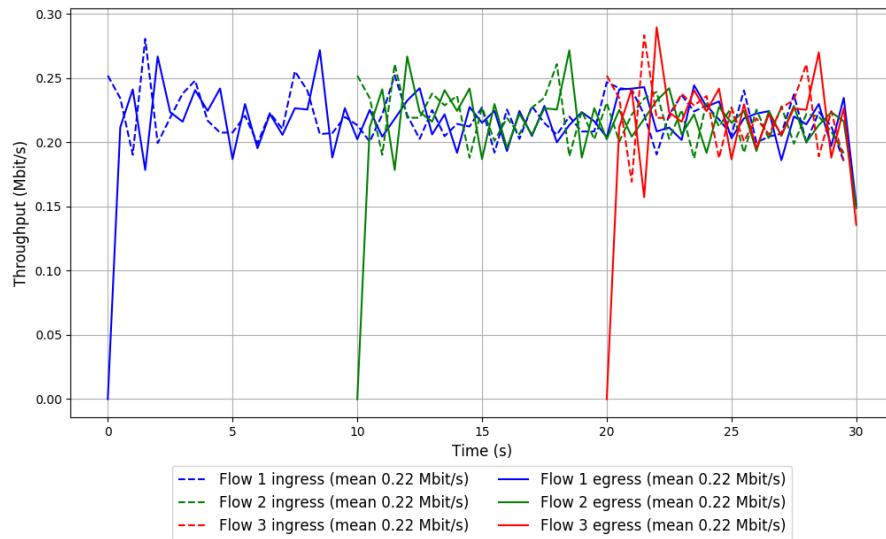


Run 3: Statistics of SCReAM

```
Start at: 2019-10-03 00:17:24
End at: 2019-10-03 00:17:54
Local clock offset: -0.26 ms
Remote clock offset: -0.06 ms

# Below is generated by plot.py at 2019-10-03 04:54:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 85.833 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.829 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.813 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.850 ms
Loss rate: 1.85%
```

Run 3: Report of SCReAM — Data Link

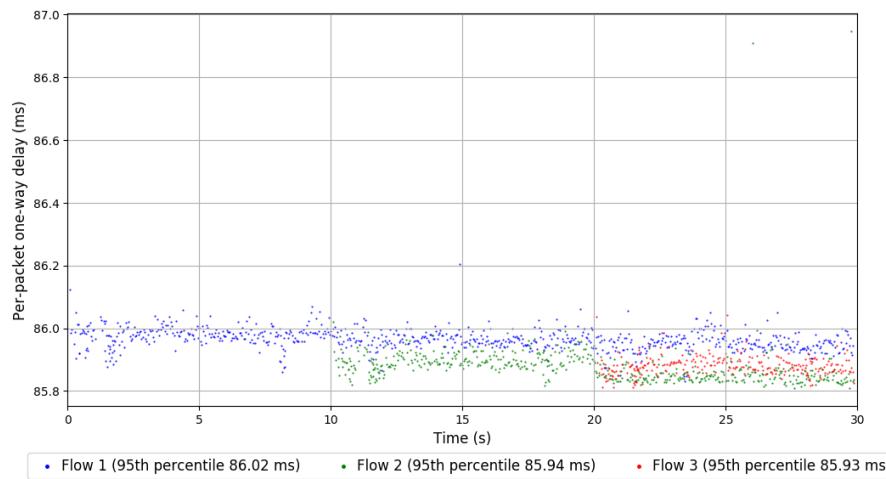
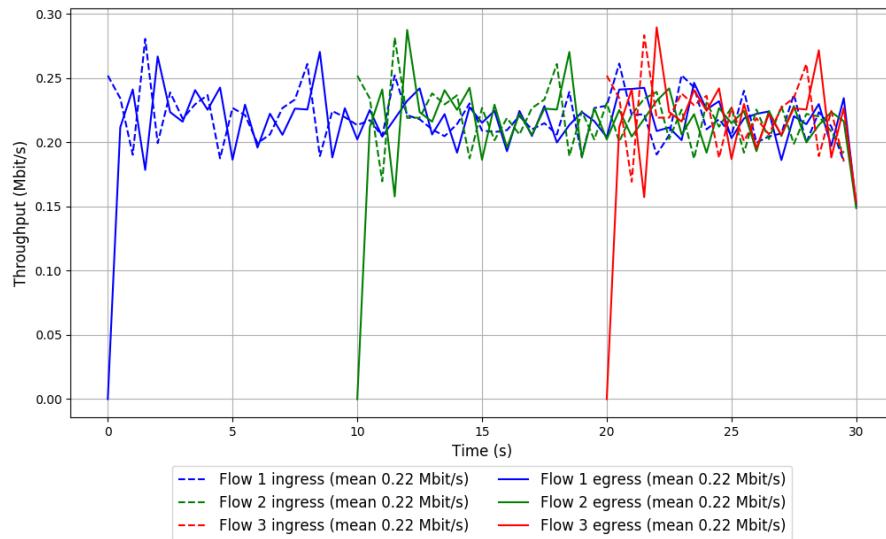


Run 4: Statistics of SCReAM

```
Start at: 2019-10-03 00:58:10
End at: 2019-10-03 00:58:40
Local clock offset: 0.088 ms
Remote clock offset: -0.007 ms

# Below is generated by plot.py at 2019-10-03 04:54:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 86.006 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.019 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.940 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.930 ms
Loss rate: 1.46%
```

Run 4: Report of SCReAM — Data Link

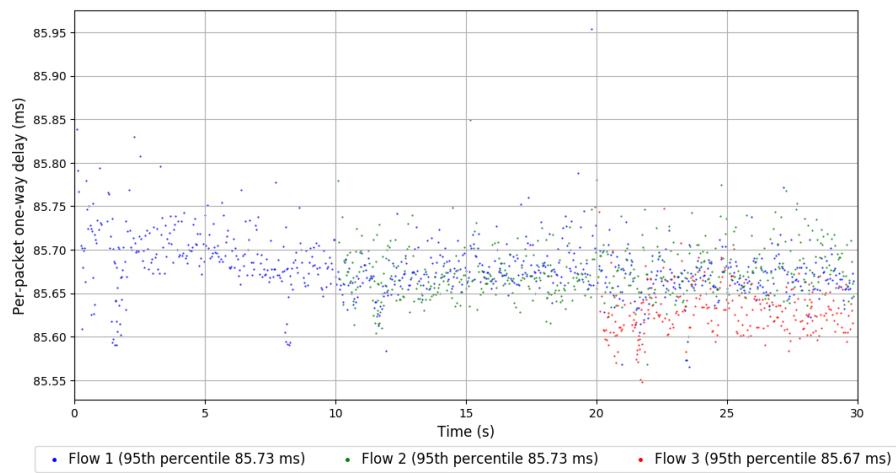
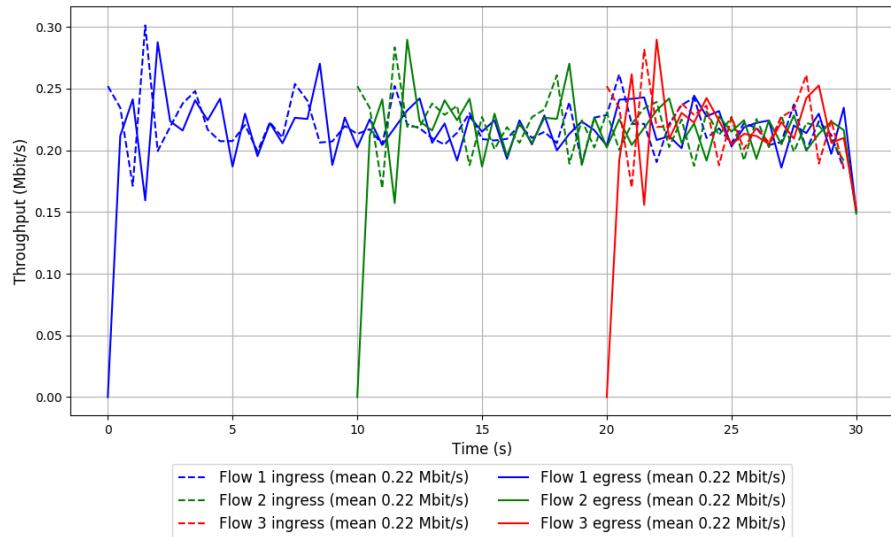


Run 5: Statistics of SCReAM

```
Start at: 2019-10-03 01:39:16
End at: 2019-10-03 01:39:46
Local clock offset: -0.314 ms
Remote clock offset: -0.033 ms

# Below is generated by plot.py at 2019-10-03 04:54:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 85.729 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.734 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.726 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.675 ms
Loss rate: 1.85%
```

Run 5: Report of SCReAM — Data Link

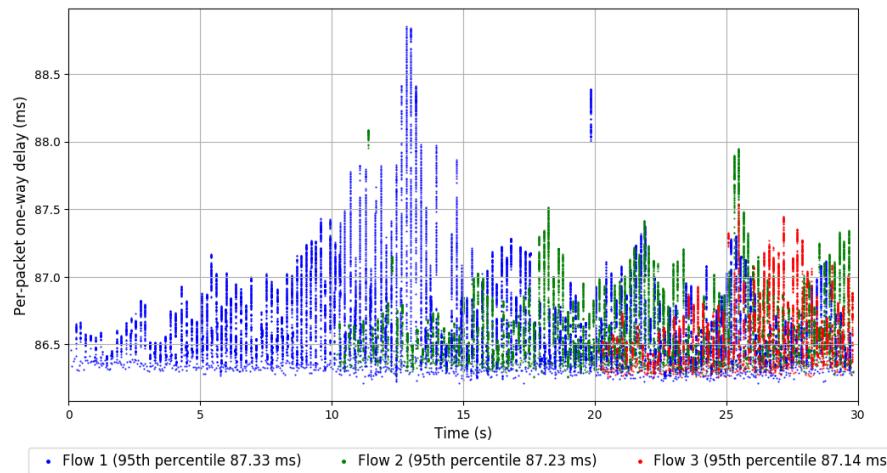
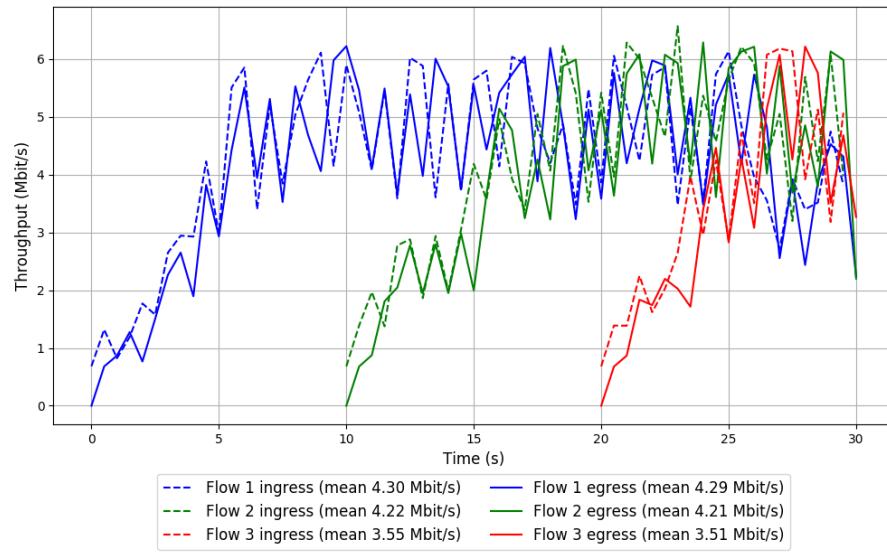


Run 1: Statistics of Sprout

```
Start at: 2019-10-02 22:47:43
End at: 2019-10-02 22:48:13
Local clock offset: 0.296 ms
Remote clock offset: -0.044 ms

# Below is generated by plot.py at 2019-10-03 04:54:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.22 Mbit/s
95th percentile per-packet one-way delay: 87.260 ms
Loss rate: 1.17%
-- Flow 1:
Average throughput: 4.29 Mbit/s
95th percentile per-packet one-way delay: 87.325 ms
Loss rate: 0.78%
-- Flow 2:
Average throughput: 4.21 Mbit/s
95th percentile per-packet one-way delay: 87.232 ms
Loss rate: 1.12%
-- Flow 3:
Average throughput: 3.51 Mbit/s
95th percentile per-packet one-way delay: 87.143 ms
Loss rate: 2.74%
```

Run 1: Report of Sprout — Data Link

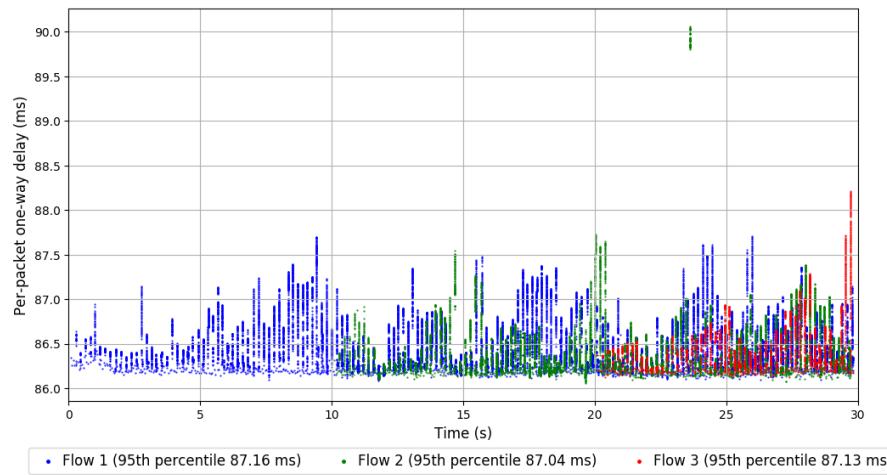
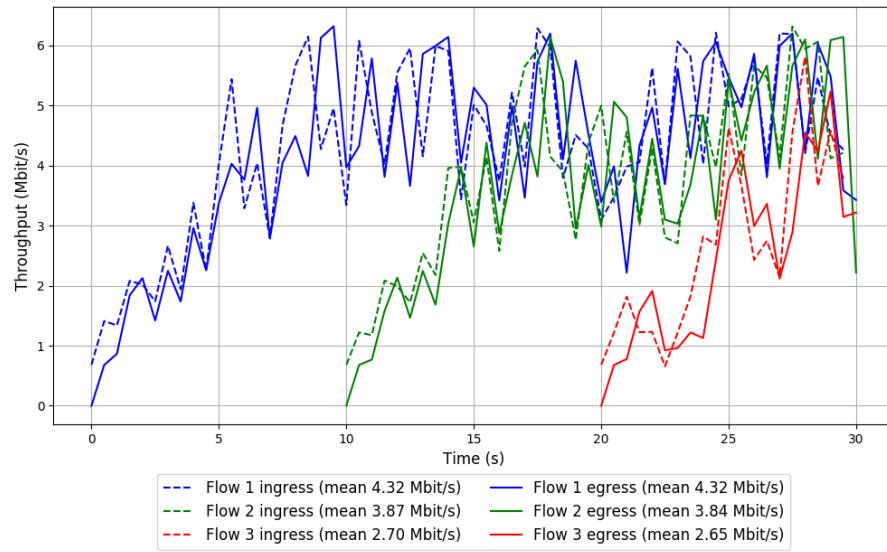


Run 2: Statistics of Sprout

```
Start at: 2019-10-02 23:28:17
End at: 2019-10-02 23:28:47
Local clock offset: 0.245 ms
Remote clock offset: -0.045 ms

# Below is generated by plot.py at 2019-10-03 04:54:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.73 Mbit/s
95th percentile per-packet one-way delay: 87.122 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 4.32 Mbit/s
95th percentile per-packet one-way delay: 87.156 ms
Loss rate: 0.72%
-- Flow 2:
Average throughput: 3.84 Mbit/s
95th percentile per-packet one-way delay: 87.037 ms
Loss rate: 1.30%
-- Flow 3:
Average throughput: 2.65 Mbit/s
95th percentile per-packet one-way delay: 87.128 ms
Loss rate: 3.75%
```

Run 2: Report of Sprout — Data Link

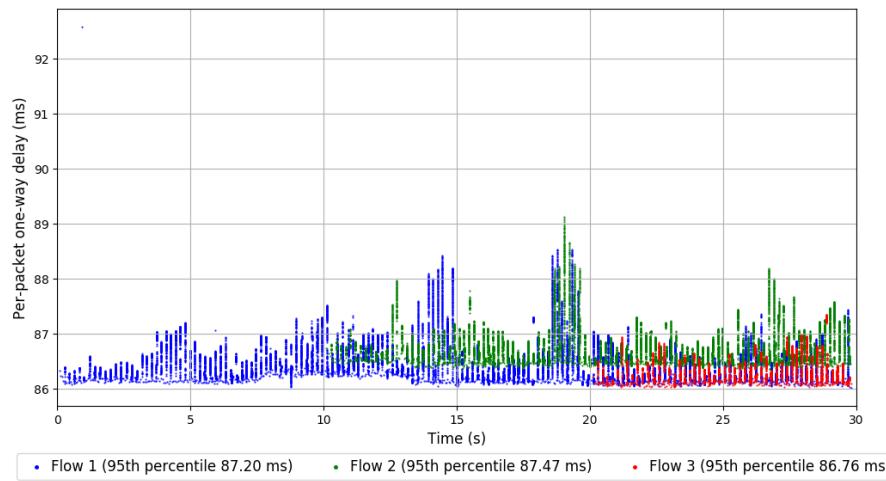
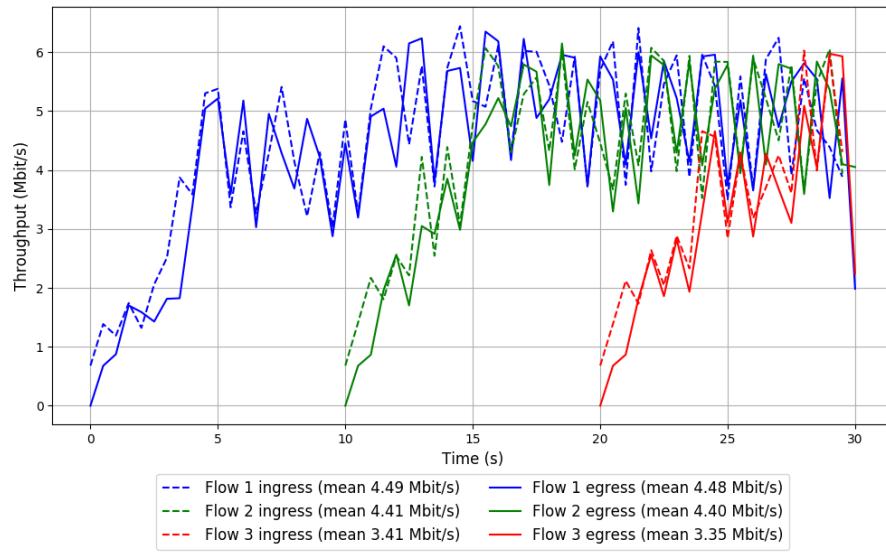


Run 3: Statistics of Sprout

```
Start at: 2019-10-03 00:08:57
End at: 2019-10-03 00:09:27
Local clock offset: 0.095 ms
Remote clock offset: -0.118 ms

# Below is generated by plot.py at 2019-10-03 04:54:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.50 Mbit/s
95th percentile per-packet one-way delay: 87.275 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 4.48 Mbit/s
95th percentile per-packet one-way delay: 87.200 ms
Loss rate: 0.71%
-- Flow 2:
Average throughput: 4.40 Mbit/s
95th percentile per-packet one-way delay: 87.468 ms
Loss rate: 1.12%
-- Flow 3:
Average throughput: 3.35 Mbit/s
95th percentile per-packet one-way delay: 86.758 ms
Loss rate: 3.08%
```

Run 3: Report of Sprout — Data Link

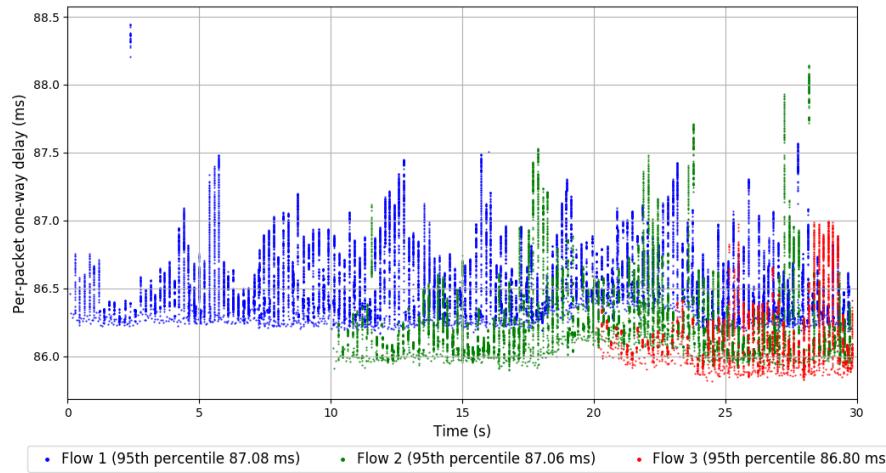
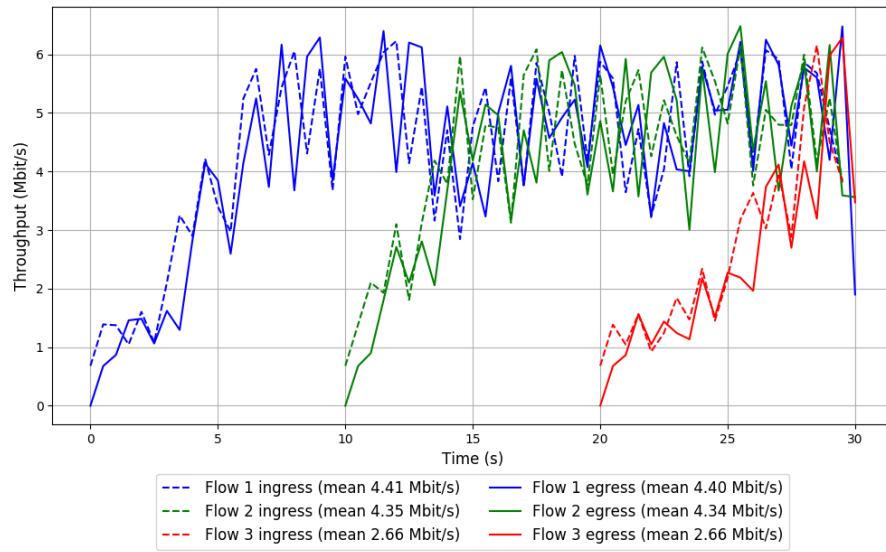


Run 4: Statistics of Sprout

```
Start at: 2019-10-03 00:49:40
End at: 2019-10-03 00:50:10
Local clock offset: 0.09 ms
Remote clock offset: 0.035 ms

# Below is generated by plot.py at 2019-10-03 04:54:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.14 Mbit/s
95th percentile per-packet one-way delay: 87.051 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 4.40 Mbit/s
95th percentile per-packet one-way delay: 87.080 ms
Loss rate: 0.74%
-- Flow 2:
Average throughput: 4.34 Mbit/s
95th percentile per-packet one-way delay: 87.055 ms
Loss rate: 1.10%
-- Flow 3:
Average throughput: 2.66 Mbit/s
95th percentile per-packet one-way delay: 86.799 ms
Loss rate: 1.25%
```

Run 4: Report of Sprout — Data Link

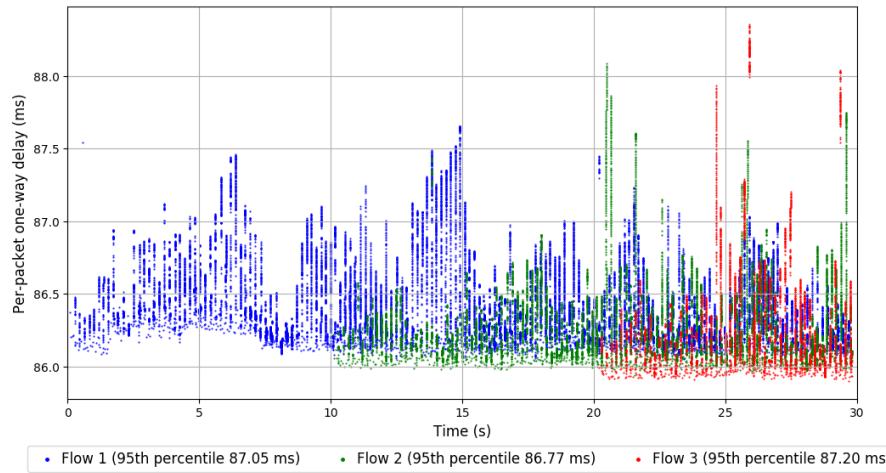
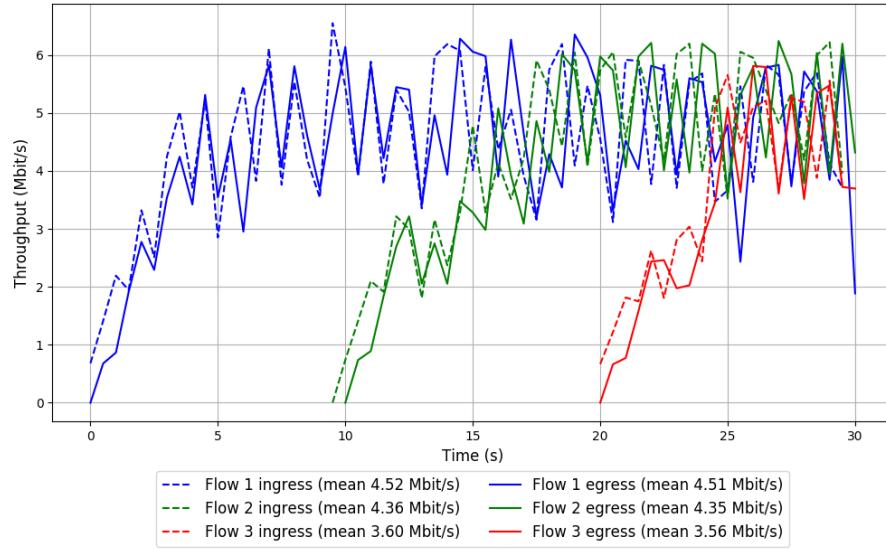


Run 5: Statistics of Sprout

```
Start at: 2019-10-03 01:30:48
End at: 2019-10-03 01:31:18
Local clock offset: 0.14 ms
Remote clock offset: -0.038 ms

# Below is generated by plot.py at 2019-10-03 04:54:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.56 Mbit/s
95th percentile per-packet one-way delay: 87.015 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 4.51 Mbit/s
95th percentile per-packet one-way delay: 87.048 ms
Loss rate: 0.68%
-- Flow 2:
Average throughput: 4.35 Mbit/s
95th percentile per-packet one-way delay: 86.765 ms
Loss rate: 0.99%
-- Flow 3:
Average throughput: 3.56 Mbit/s
95th percentile per-packet one-way delay: 87.199 ms
Loss rate: 2.63%
```

Run 5: Report of Sprout — Data Link

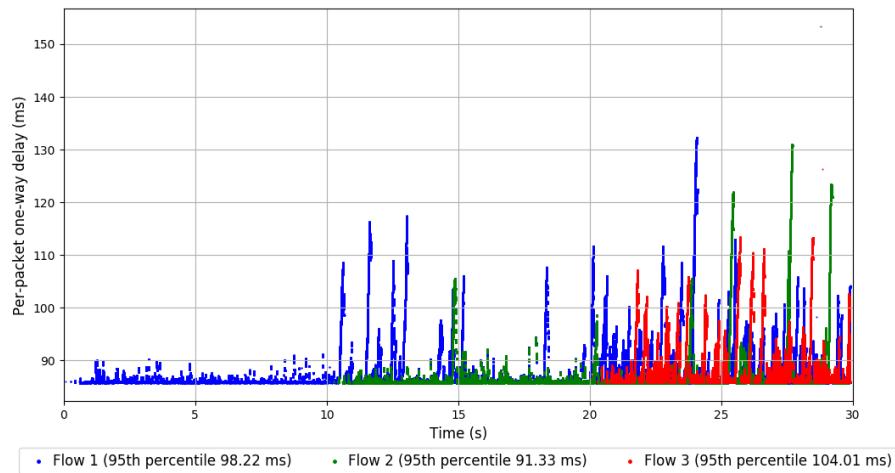
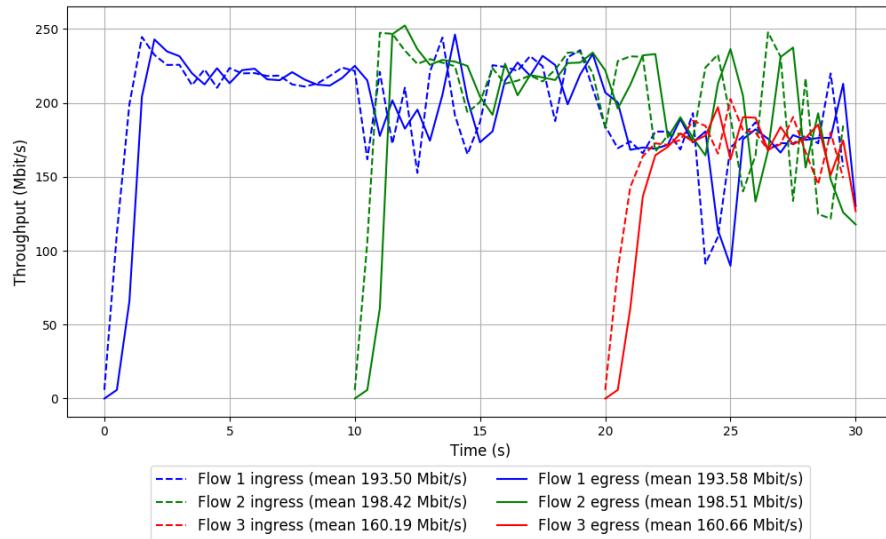


Run 1: Statistics of TaoVA-100x

```
Start at: 2019-10-02 22:58:58
End at: 2019-10-02 22:59:28
Local clock offset: -0.055 ms
Remote clock offset: -0.041 ms

# Below is generated by plot.py at 2019-10-03 05:01:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 377.98 Mbit/s
95th percentile per-packet one-way delay: 98.215 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 193.58 Mbit/s
95th percentile per-packet one-way delay: 98.224 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 198.51 Mbit/s
95th percentile per-packet one-way delay: 91.332 ms
Loss rate: 1.00%
-- Flow 3:
Average throughput: 160.66 Mbit/s
95th percentile per-packet one-way delay: 104.014 ms
Loss rate: 1.46%
```

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

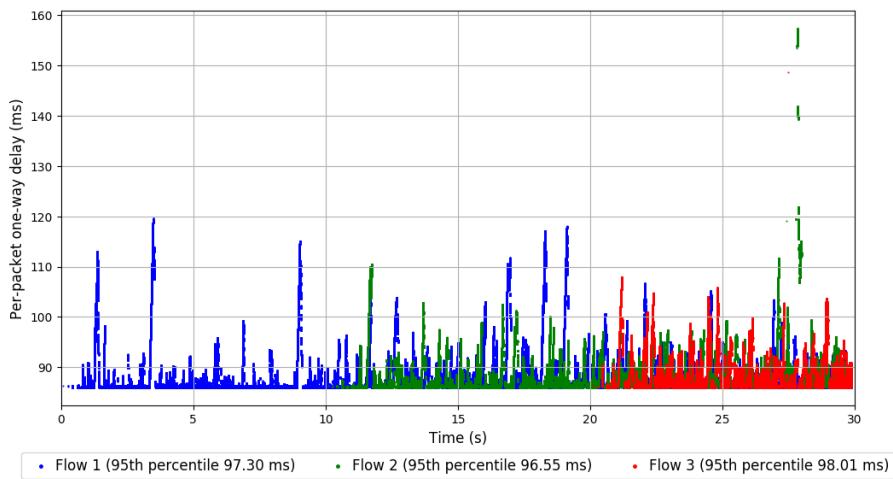
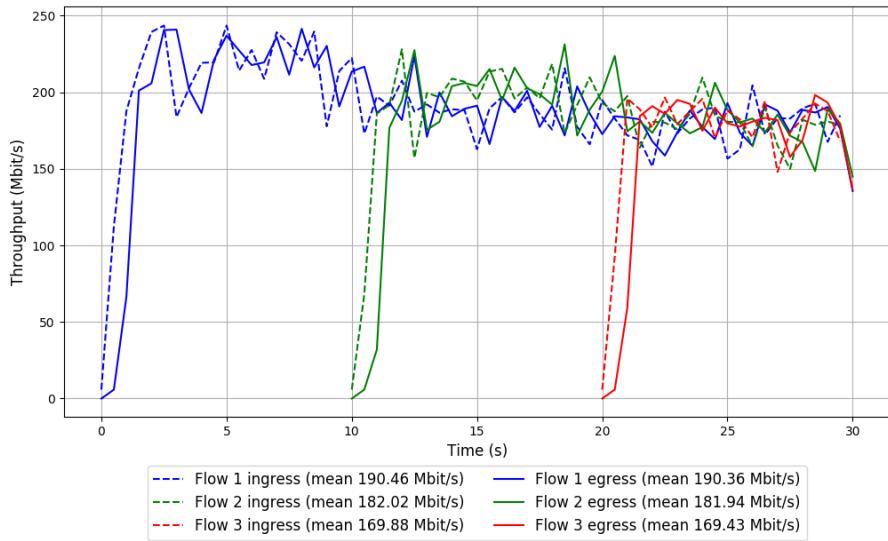


Run 2: Statistics of TaoVA-100x

```
Start at: 2019-10-02 23:39:29
End at: 2019-10-02 23:39:59
Local clock offset: 0.168 ms
Remote clock offset: -0.024 ms

# Below is generated by plot.py at 2019-10-03 05:01:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 366.76 Mbit/s
95th percentile per-packet one-way delay: 97.095 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 190.36 Mbit/s
95th percentile per-packet one-way delay: 97.301 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 181.94 Mbit/s
95th percentile per-packet one-way delay: 96.552 ms
Loss rate: 0.91%
-- Flow 3:
Average throughput: 169.43 Mbit/s
95th percentile per-packet one-way delay: 98.007 ms
Loss rate: 1.89%
```

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

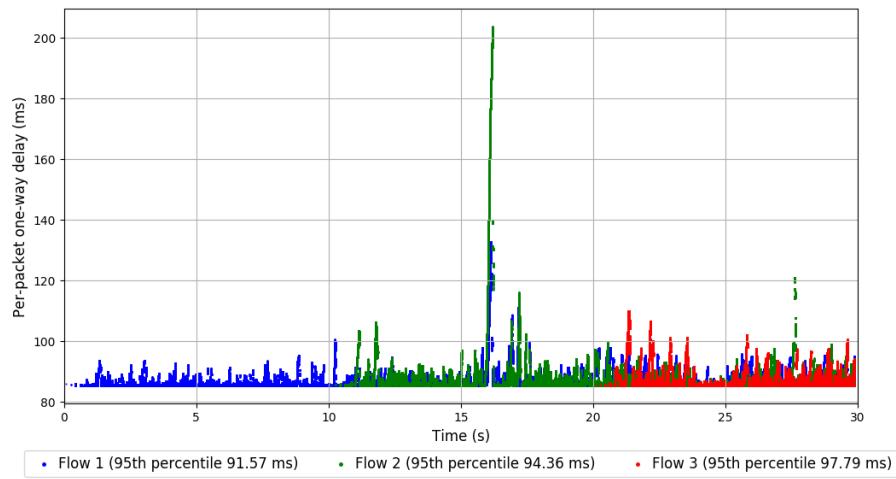
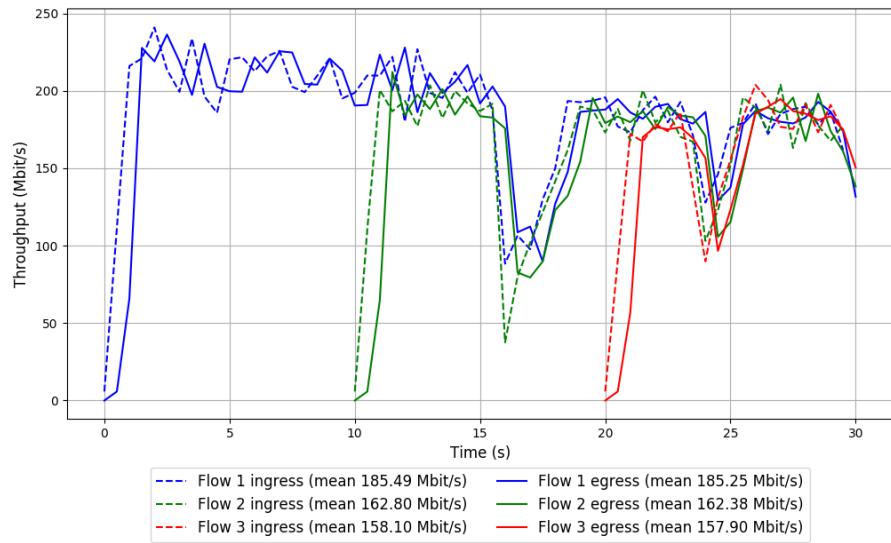


Run 3: Statistics of TaoVA-100x

```
Start at: 2019-10-03 00:20:10
End at: 2019-10-03 00:20:40
Local clock offset: -0.481 ms
Remote clock offset: -0.037 ms

# Below is generated by plot.py at 2019-10-03 05:01:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 344.97 Mbit/s
95th percentile per-packet one-way delay: 93.567 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 185.25 Mbit/s
95th percentile per-packet one-way delay: 91.573 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 162.38 Mbit/s
95th percentile per-packet one-way delay: 94.357 ms
Loss rate: 1.13%
-- Flow 3:
Average throughput: 157.90 Mbit/s
95th percentile per-packet one-way delay: 97.793 ms
Loss rate: 1.87%
```

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

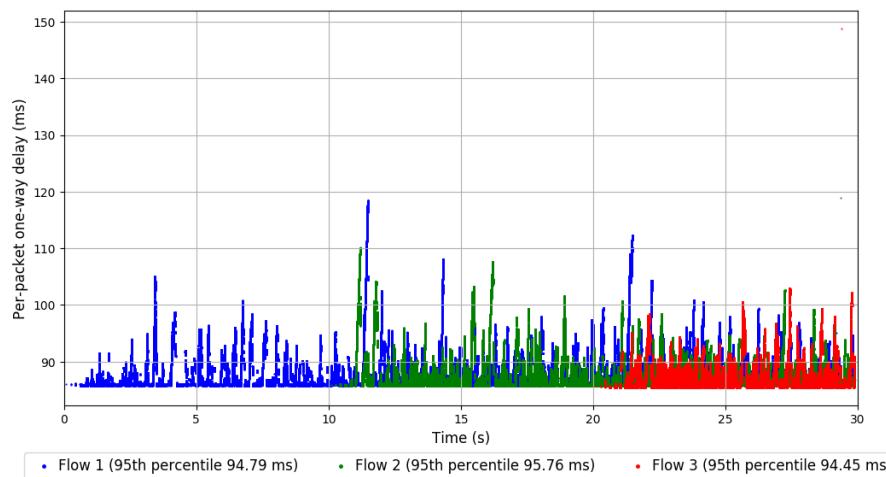
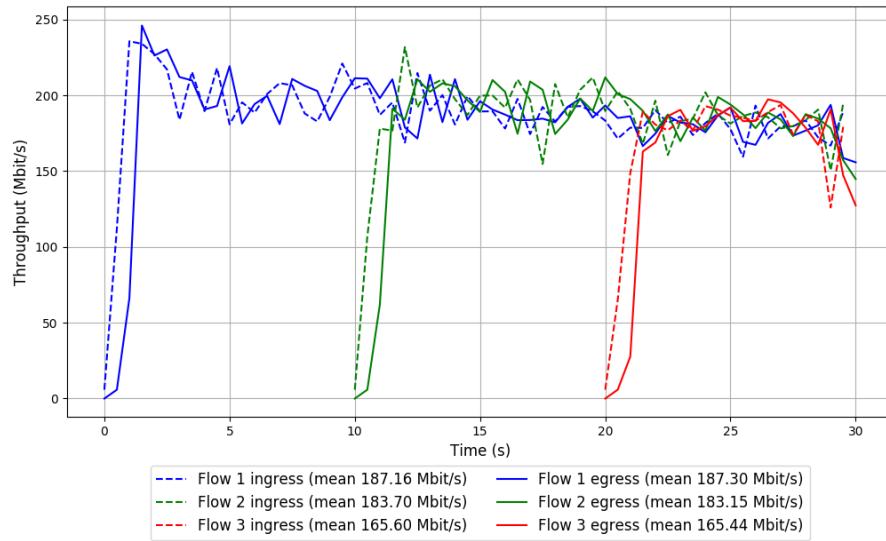


Run 4: Statistics of TaoVA-100x

```
Start at: 2019-10-03 01:00:58
End at: 2019-10-03 01:01:28
Local clock offset: -0.248 ms
Remote clock offset: -0.041 ms

# Below is generated by plot.py at 2019-10-03 05:01:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 363.21 Mbit/s
95th percentile per-packet one-way delay: 95.007 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 187.30 Mbit/s
95th percentile per-packet one-way delay: 94.788 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 183.15 Mbit/s
95th percentile per-packet one-way delay: 95.757 ms
Loss rate: 1.16%
-- Flow 3:
Average throughput: 165.44 Mbit/s
95th percentile per-packet one-way delay: 94.448 ms
Loss rate: 1.87%
```

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

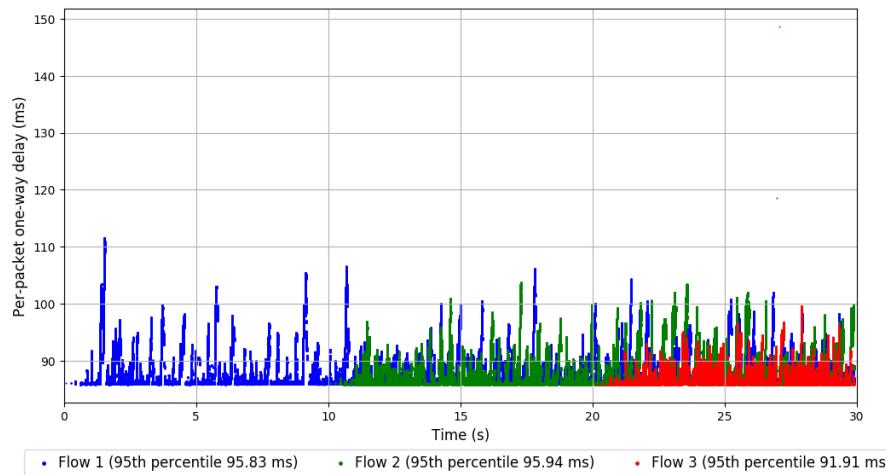
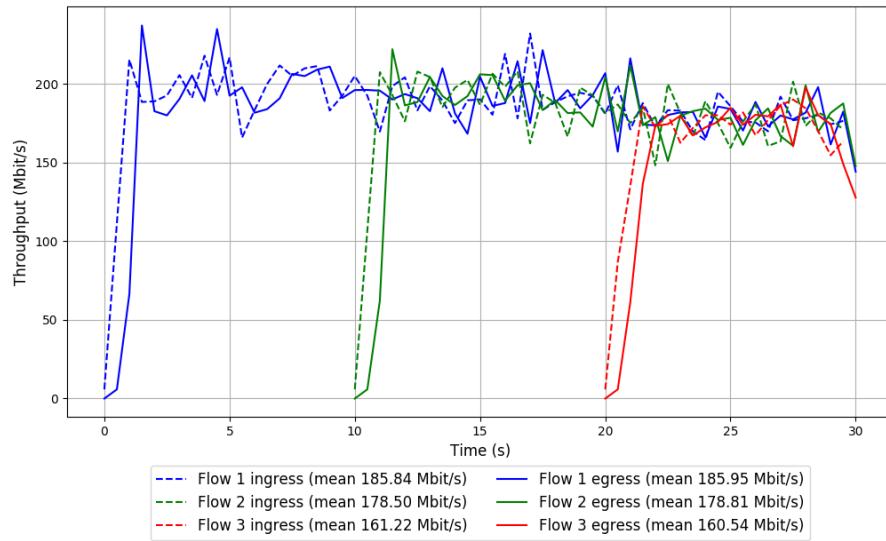


Run 5: Statistics of TaoVA-100x

```
Start at: 2019-10-03 01:42:06
End at: 2019-10-03 01:42:36
Local clock offset: 0.027 ms
Remote clock offset: -0.018 ms

# Below is generated by plot.py at 2019-10-03 05:01:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 357.43 Mbit/s
95th percentile per-packet one-way delay: 95.357 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 185.95 Mbit/s
95th percentile per-packet one-way delay: 95.829 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 178.81 Mbit/s
95th percentile per-packet one-way delay: 95.945 ms
Loss rate: 0.70%
-- Flow 3:
Average throughput: 160.54 Mbit/s
95th percentile per-packet one-way delay: 91.905 ms
Loss rate: 2.15%
```

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

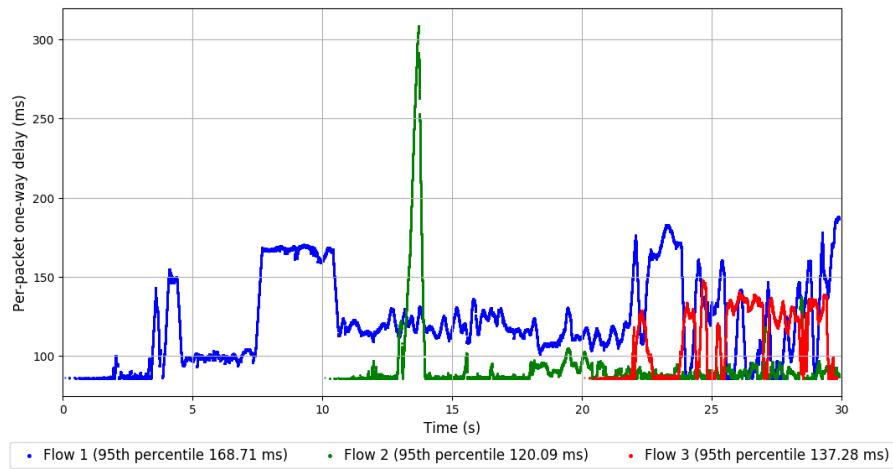
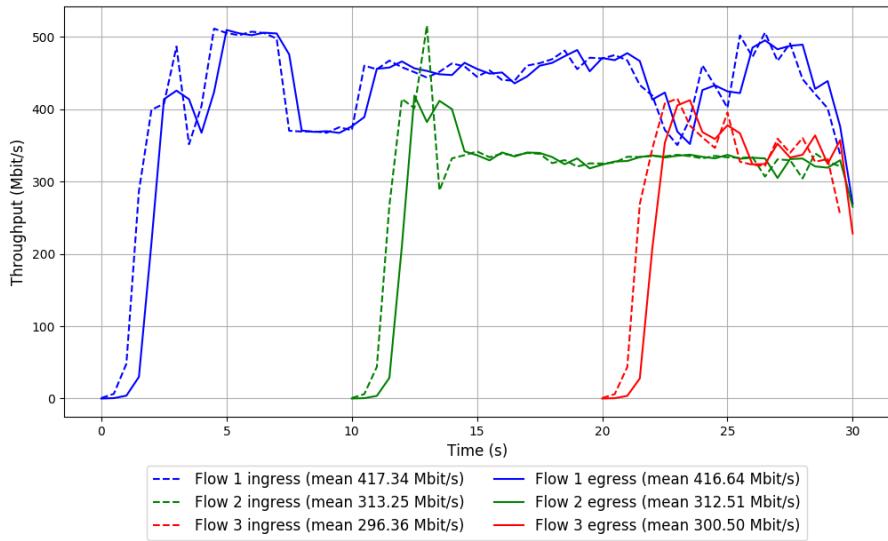


Run 1: Statistics of TCP Vegas

```
Start at: 2019-10-02 23:05:16
End at: 2019-10-02 23:05:46
Local clock offset: 0.14 ms
Remote clock offset: -0.027 ms

# Below is generated by plot.py at 2019-10-03 05:01:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 721.91 Mbit/s
95th percentile per-packet one-way delay: 167.604 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 416.64 Mbit/s
95th percentile per-packet one-way delay: 168.709 ms
Loss rate: 0.74%
-- Flow 2:
Average throughput: 312.51 Mbit/s
95th percentile per-packet one-way delay: 120.089 ms
Loss rate: 1.10%
-- Flow 3:
Average throughput: 300.50 Mbit/s
95th percentile per-packet one-way delay: 137.285 ms
Loss rate: 1.43%
```

Run 1: Report of TCP Vegas — Data Link

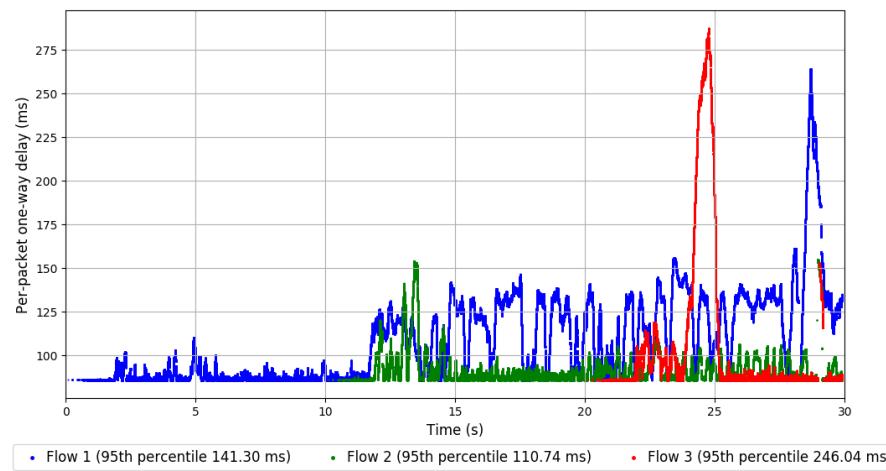
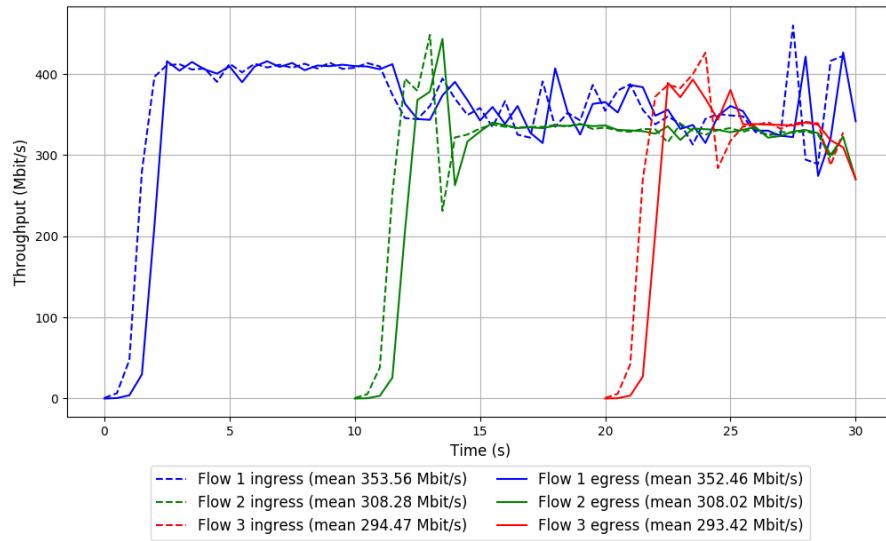


Run 2: Statistics of TCP Vegas

```
Start at: 2019-10-02 23:45:45
End at: 2019-10-02 23:46:15
Local clock offset: -0.056 ms
Remote clock offset: -0.063 ms

# Below is generated by plot.py at 2019-10-03 05:07:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 653.13 Mbit/s
95th percentile per-packet one-way delay: 141.758 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 352.46 Mbit/s
95th percentile per-packet one-way delay: 141.304 ms
Loss rate: 0.88%
-- Flow 2:
Average throughput: 308.02 Mbit/s
95th percentile per-packet one-way delay: 110.737 ms
Loss rate: 0.95%
-- Flow 3:
Average throughput: 293.42 Mbit/s
95th percentile per-packet one-way delay: 246.040 ms
Loss rate: 2.07%
```

Run 2: Report of TCP Vegas — Data Link

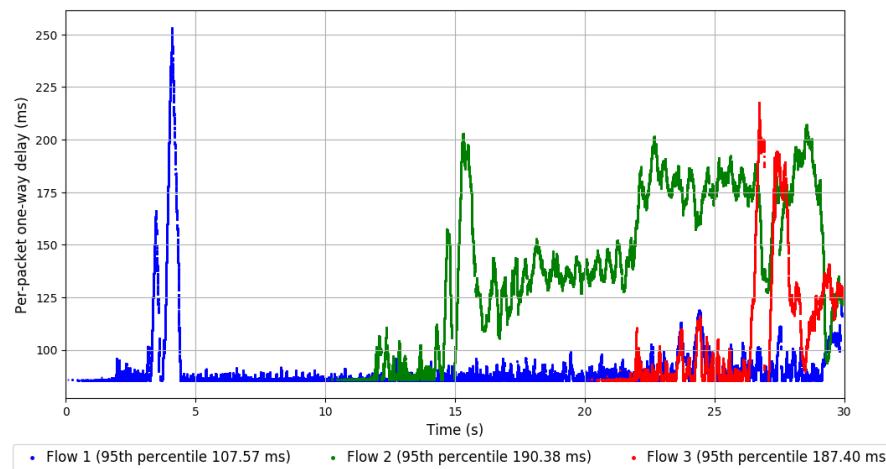
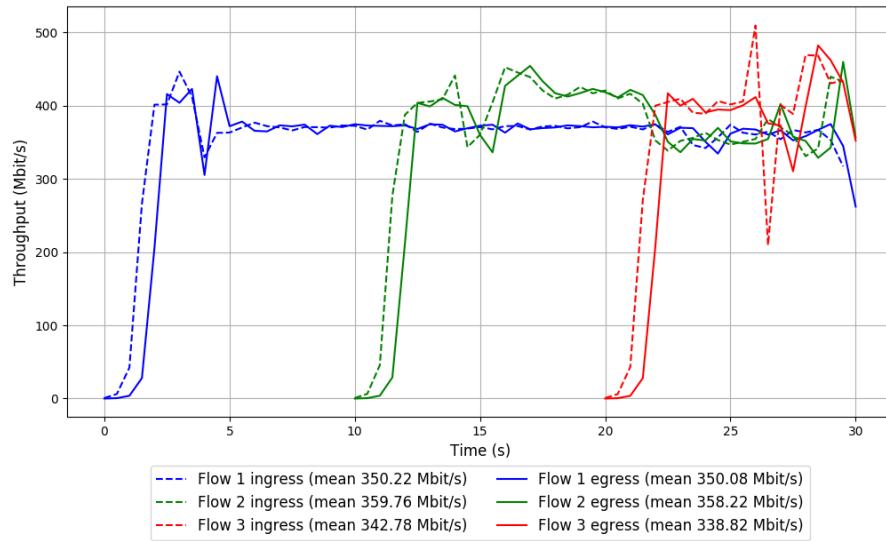


Run 3: Statistics of TCP Vegas

```
Start at: 2019-10-03 00:26:23
End at: 2019-10-03 00:26:53
Local clock offset: -0.304 ms
Remote clock offset: 0.037 ms

# Below is generated by plot.py at 2019-10-03 05:11:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 699.44 Mbit/s
95th percentile per-packet one-way delay: 184.255 ms
Loss rate: 1.21%
-- Flow 1:
Average throughput: 350.08 Mbit/s
95th percentile per-packet one-way delay: 107.567 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 358.22 Mbit/s
95th percentile per-packet one-way delay: 190.383 ms
Loss rate: 1.29%
-- Flow 3:
Average throughput: 338.82 Mbit/s
95th percentile per-packet one-way delay: 187.399 ms
Loss rate: 2.86%
```

Run 3: Report of TCP Vegas — Data Link

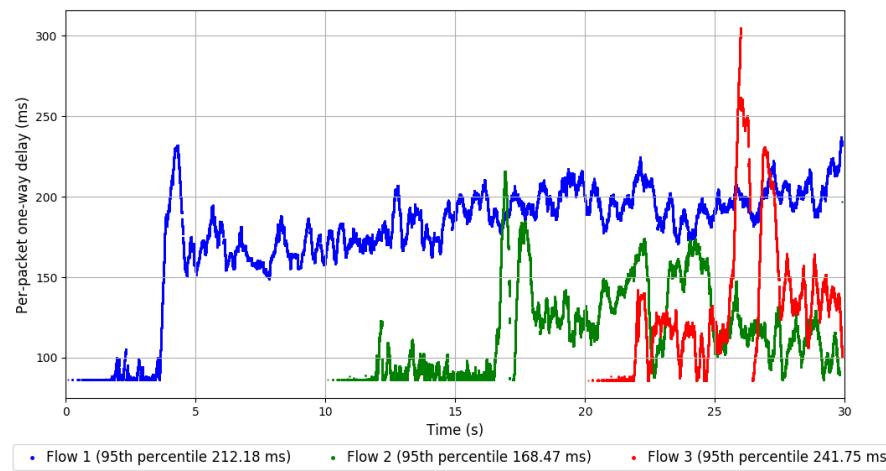
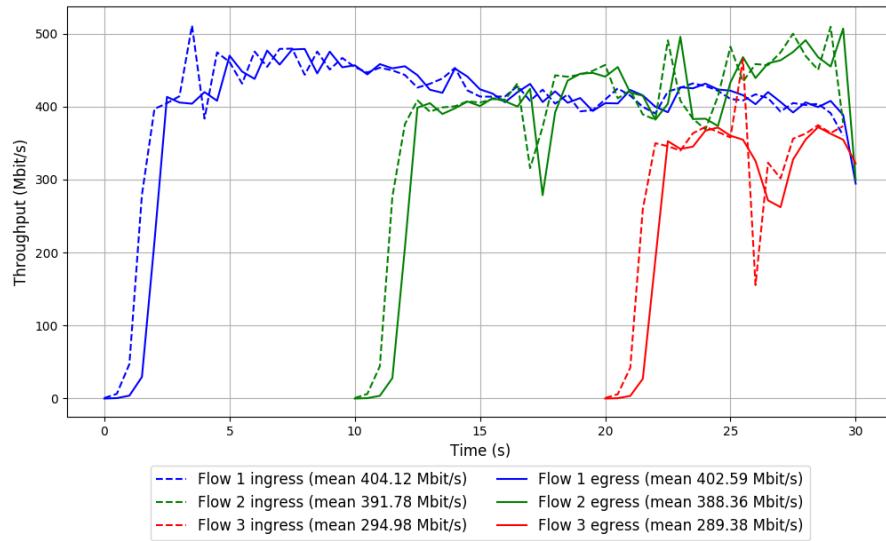


Run 4: Statistics of TCP Vegas

```
Start at: 2019-10-03 01:07:17
End at: 2019-10-03 01:07:47
Local clock offset: 0.09 ms
Remote clock offset: -0.015 ms

# Below is generated by plot.py at 2019-10-03 05:16:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 755.50 Mbit/s
95th percentile per-packet one-way delay: 209.647 ms
Loss rate: 1.38%
-- Flow 1:
Average throughput: 402.59 Mbit/s
95th percentile per-packet one-way delay: 212.183 ms
Loss rate: 0.95%
-- Flow 2:
Average throughput: 388.36 Mbit/s
95th percentile per-packet one-way delay: 168.465 ms
Loss rate: 1.20%
-- Flow 3:
Average throughput: 289.38 Mbit/s
95th percentile per-packet one-way delay: 241.749 ms
Loss rate: 3.59%
```

Run 4: Report of TCP Vegas — Data Link

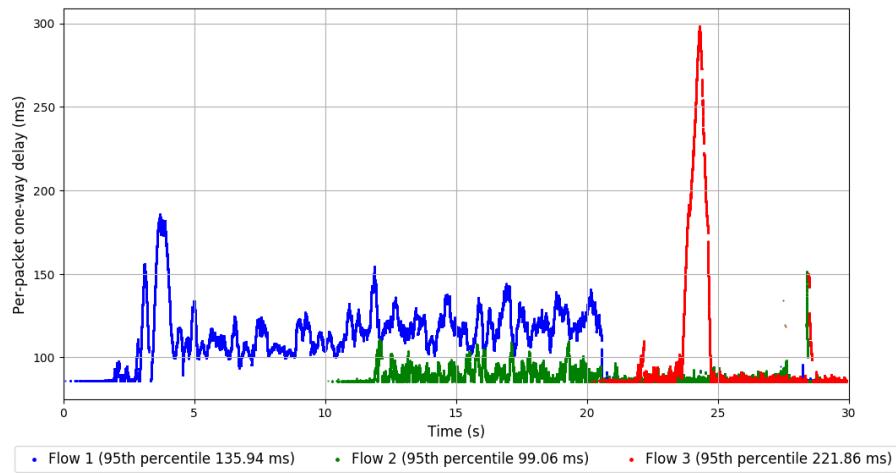
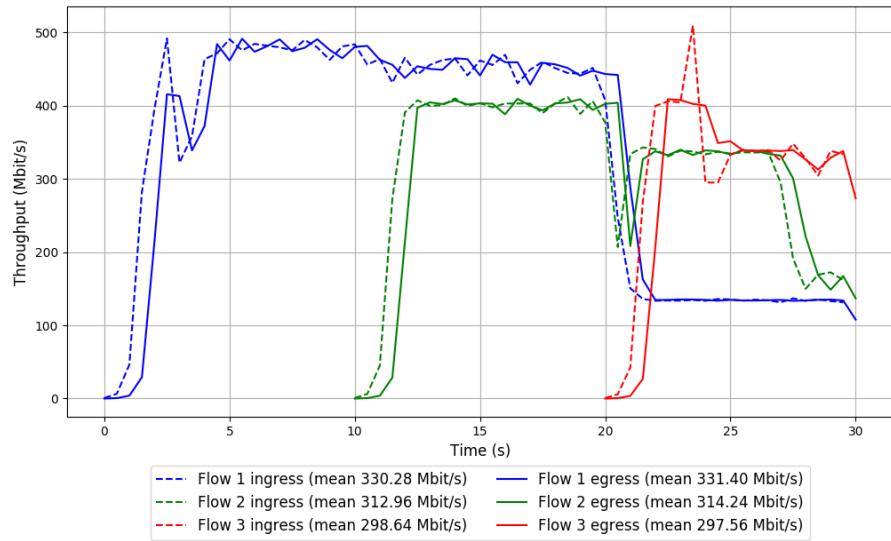


Run 5: Statistics of TCP Vegas

```
Start at: 2019-10-03 01:48:23
End at: 2019-10-03 01:48:53
Local clock offset: -0.316 ms
Remote clock offset: -0.041 ms

# Below is generated by plot.py at 2019-10-03 05:16:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 637.90 Mbit/s
95th percentile per-packet one-way delay: 134.696 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 331.40 Mbit/s
95th percentile per-packet one-way delay: 135.945 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 314.24 Mbit/s
95th percentile per-packet one-way delay: 99.057 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 297.56 Mbit/s
95th percentile per-packet one-way delay: 221.863 ms
Loss rate: 2.08%
```

Run 5: Report of TCP Vegas — Data Link

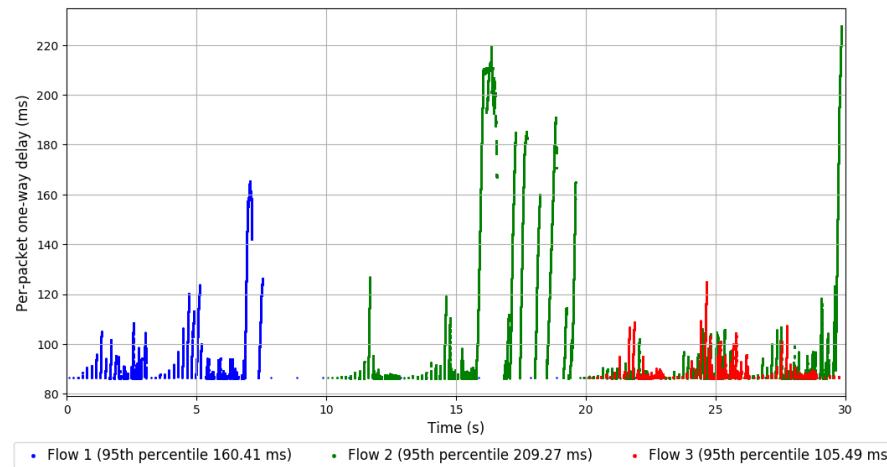
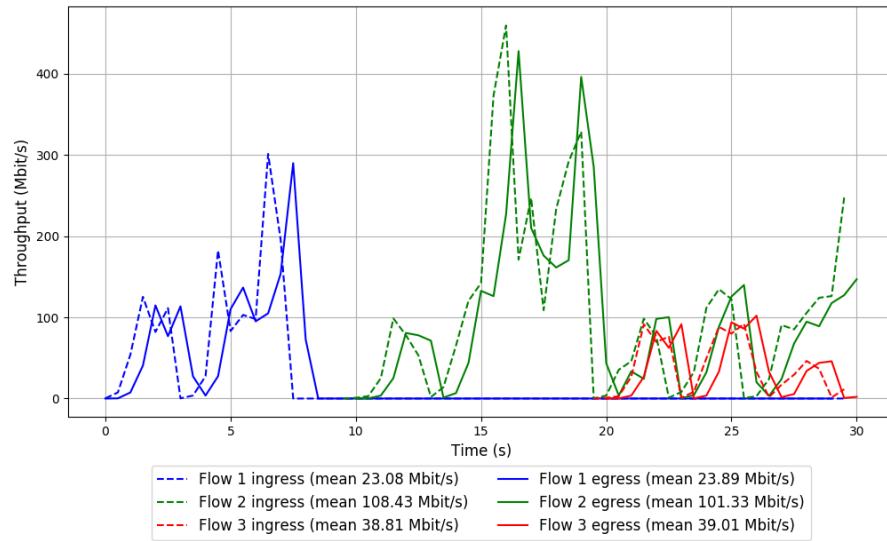


Run 1: Statistics of Verus

```
Start at: 2019-10-02 23:14:30
End at: 2019-10-02 23:15:00
Local clock offset: 0.431 ms
Remote clock offset: -0.072 ms

# Below is generated by plot.py at 2019-10-03 05:16:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 103.15 Mbit/s
95th percentile per-packet one-way delay: 204.151 ms
Loss rate: 4.58%
-- Flow 1:
Average throughput: 23.89 Mbit/s
95th percentile per-packet one-way delay: 160.411 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 101.33 Mbit/s
95th percentile per-packet one-way delay: 209.271 ms
Loss rate: 6.63%
-- Flow 3:
Average throughput: 39.01 Mbit/s
95th percentile per-packet one-way delay: 105.493 ms
Loss rate: 1.32%
```

Run 1: Report of Verus — Data Link

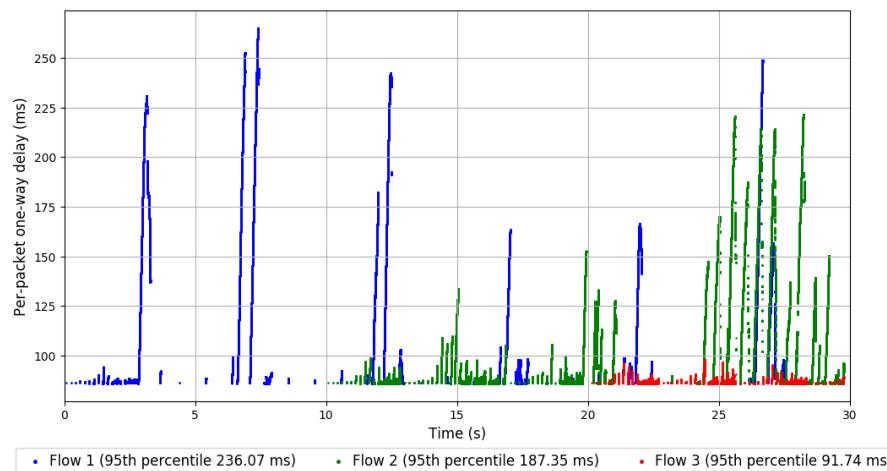
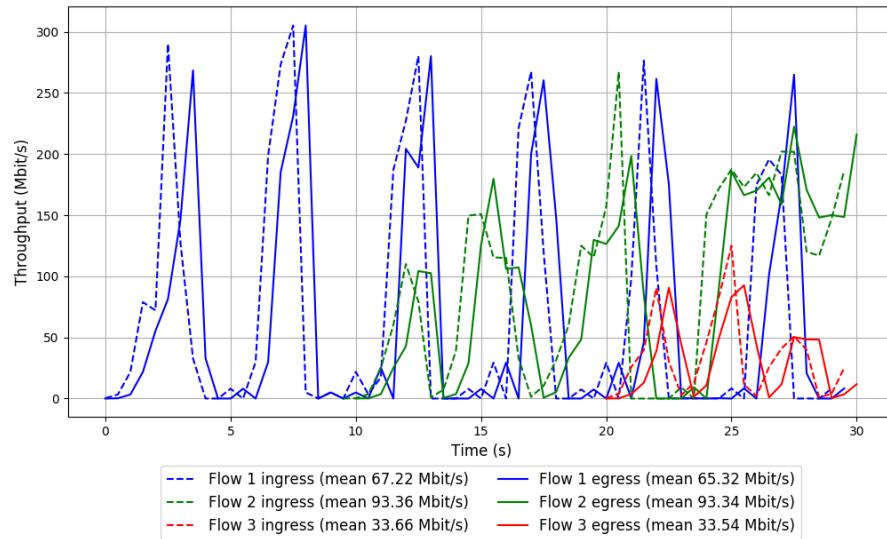


Run 2: Statistics of Verus

```
Start at: 2019-10-02 23:55:04
End at: 2019-10-02 23:55:34
Local clock offset: 0.258 ms
Remote clock offset: -0.027 ms

# Below is generated by plot.py at 2019-10-03 05:16:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 137.04 Mbit/s
95th percentile per-packet one-way delay: 216.209 ms
Loss rate: 1.52%
-- Flow 1:
Average throughput: 65.32 Mbit/s
95th percentile per-packet one-way delay: 236.066 ms
Loss rate: 2.83%
-- Flow 2:
Average throughput: 93.34 Mbit/s
95th percentile per-packet one-way delay: 187.346 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 33.54 Mbit/s
95th percentile per-packet one-way delay: 91.742 ms
Loss rate: 2.16%
```

Run 2: Report of Verus — Data Link

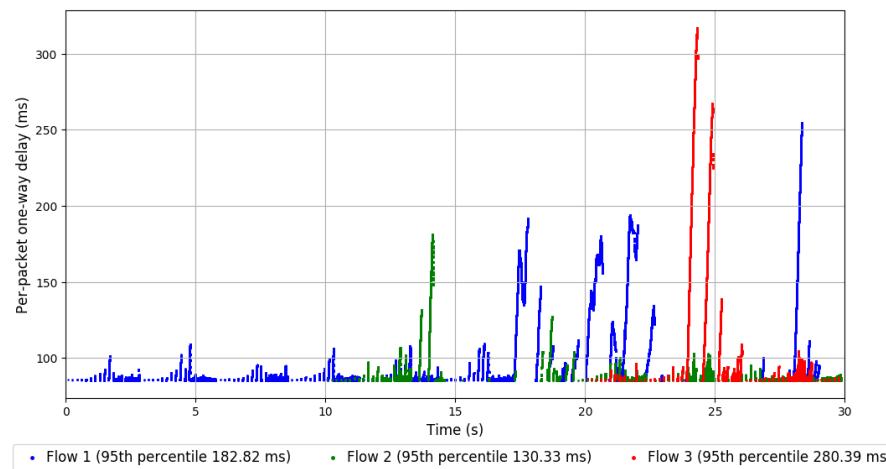
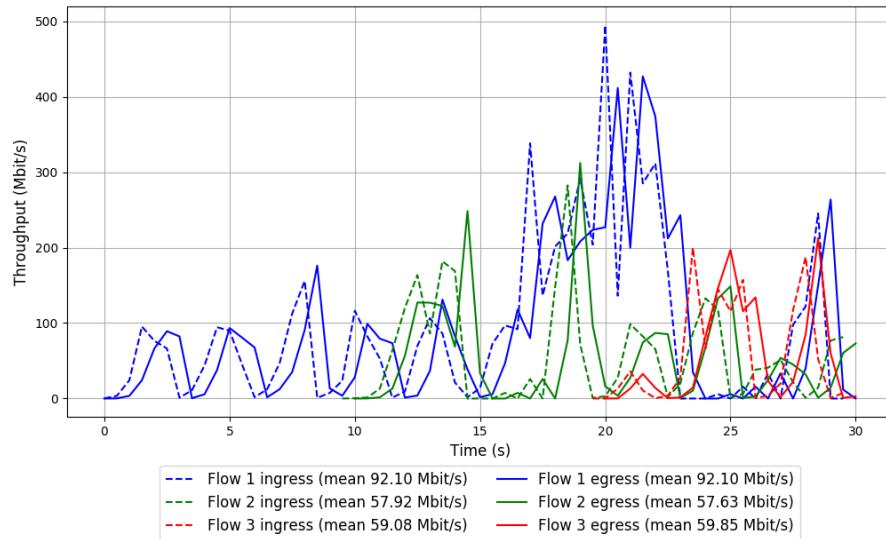


Run 3: Statistics of Verus

```
Start at: 2019-10-03 00:35:40
End at: 2019-10-03 00:36:10
Local clock offset: -0.439 ms
Remote clock offset: 0.009 ms

# Below is generated by plot.py at 2019-10-03 05:16:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 149.75 Mbit/s
95th percentile per-packet one-way delay: 183.889 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 92.10 Mbit/s
95th percentile per-packet one-way delay: 182.818 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 57.63 Mbit/s
95th percentile per-packet one-way delay: 130.332 ms
Loss rate: 1.08%
-- Flow 3:
Average throughput: 59.85 Mbit/s
95th percentile per-packet one-way delay: 280.394 ms
Loss rate: 0.48%
```

Run 3: Report of Verus — Data Link

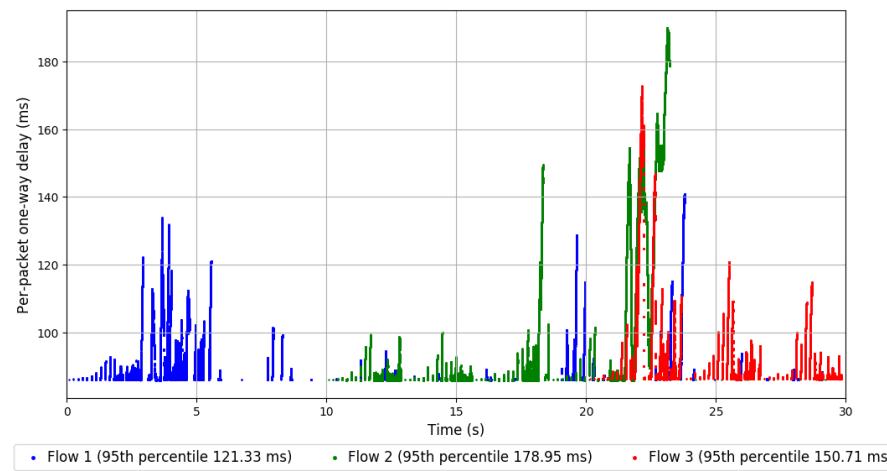
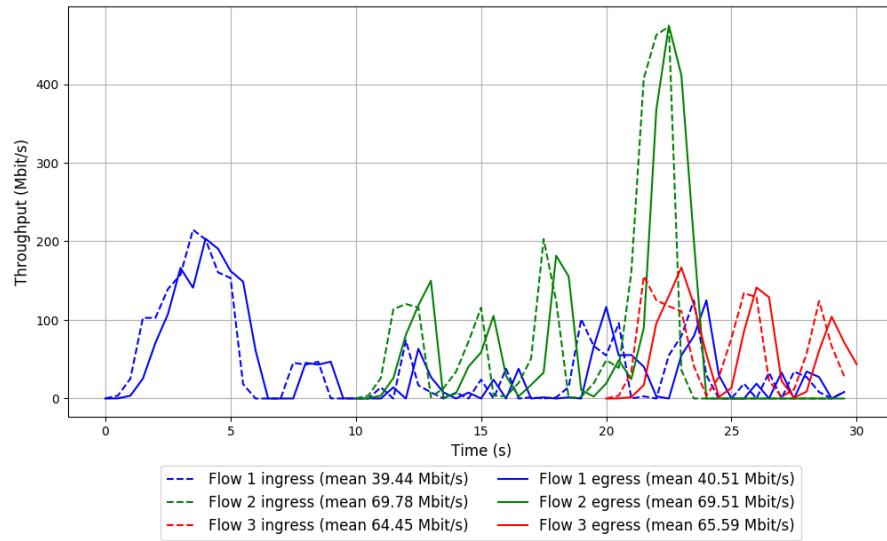


Run 4: Statistics of Verus

```
Start at: 2019-10-03 01:16:38
End at: 2019-10-03 01:17:08
Local clock offset: 0.062 ms
Remote clock offset: -0.062 ms

# Below is generated by plot.py at 2019-10-03 05:16:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 105.57 Mbit/s
95th percentile per-packet one-way delay: 156.692 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 40.51 Mbit/s
95th percentile per-packet one-way delay: 121.327 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 69.51 Mbit/s
95th percentile per-packet one-way delay: 178.950 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 65.59 Mbit/s
95th percentile per-packet one-way delay: 150.705 ms
Loss rate: 0.00%
```

Run 4: Report of Verus — Data Link

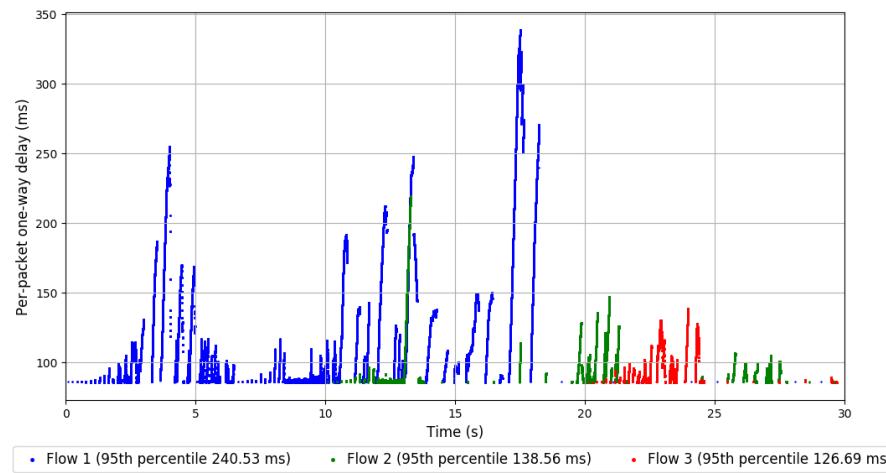
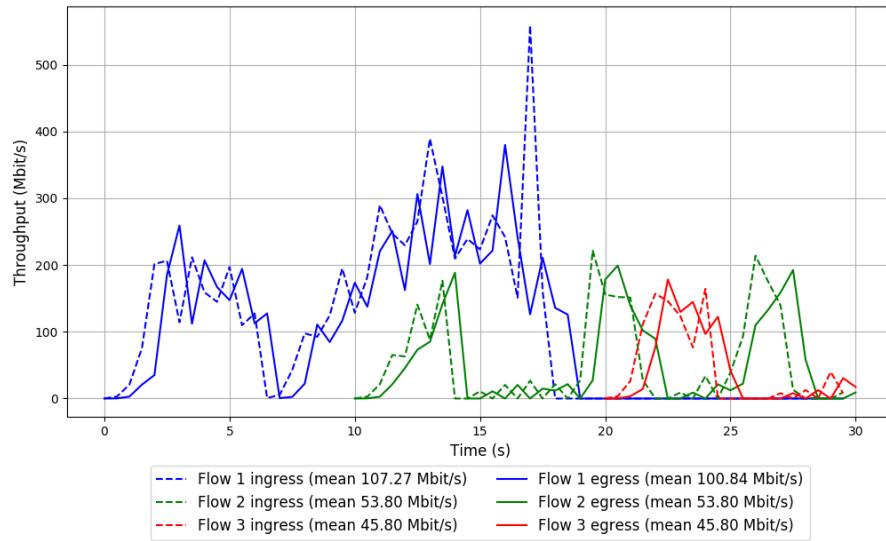


Run 5: Statistics of Verus

```
Start at: 2019-10-03 01:57:37
End at: 2019-10-03 01:58:07
Local clock offset: 0.1 ms
Remote clock offset: -0.082 ms

# Below is generated by plot.py at 2019-10-03 05:16:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 149.06 Mbit/s
95th percentile per-packet one-way delay: 227.319 ms
Loss rate: 4.05%
-- Flow 1:
Average throughput: 100.84 Mbit/s
95th percentile per-packet one-way delay: 240.535 ms
Loss rate: 5.99%
-- Flow 2:
Average throughput: 53.80 Mbit/s
95th percentile per-packet one-way delay: 138.558 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 45.80 Mbit/s
95th percentile per-packet one-way delay: 126.692 ms
Loss rate: 0.00%
```

Run 5: Report of Verus — Data Link

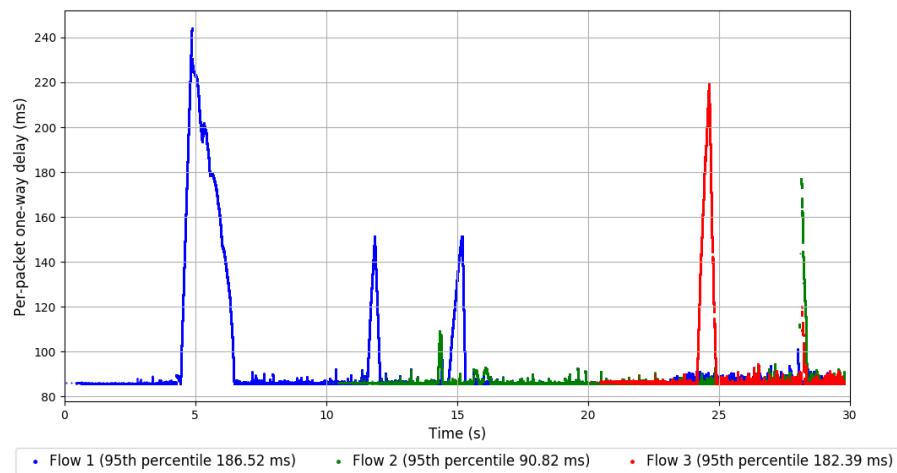
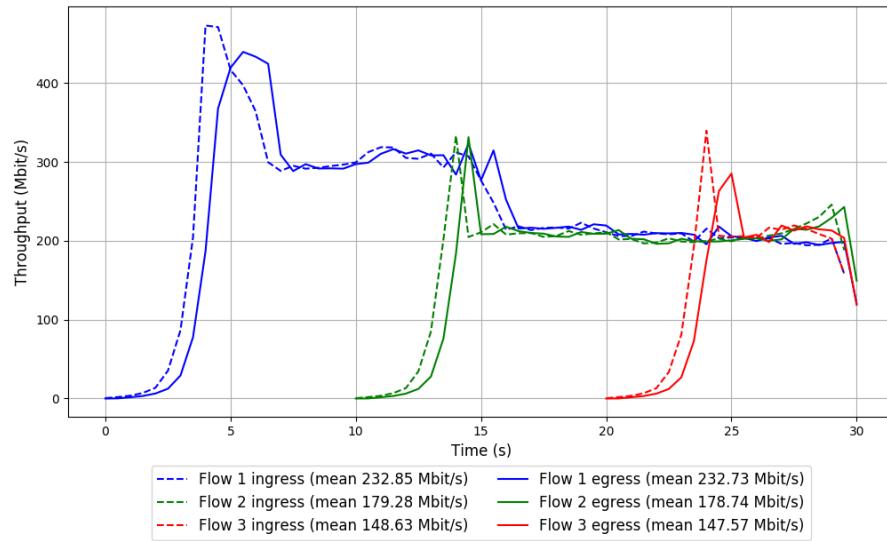


```
Run 1: Statistics of PCC-Vivace

Start at: 2019-10-02 22:48:59
End at: 2019-10-02 22:49:29
Local clock offset: -0.094 ms
Remote clock offset: -0.033 ms

# Below is generated by plot.py at 2019-10-03 05:16:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 399.30 Mbit/s
95th percentile per-packet one-way delay: 170.496 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 232.73 Mbit/s
95th percentile per-packet one-way delay: 186.522 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 178.74 Mbit/s
95th percentile per-packet one-way delay: 90.817 ms
Loss rate: 1.17%
-- Flow 3:
Average throughput: 147.57 Mbit/s
95th percentile per-packet one-way delay: 182.386 ms
Loss rate: 2.46%
```

Run 1: Report of PCC-Vivace — Data Link

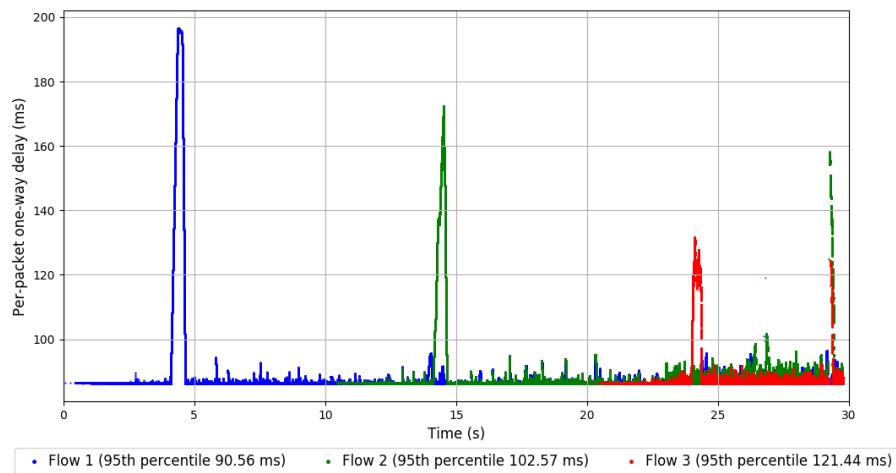
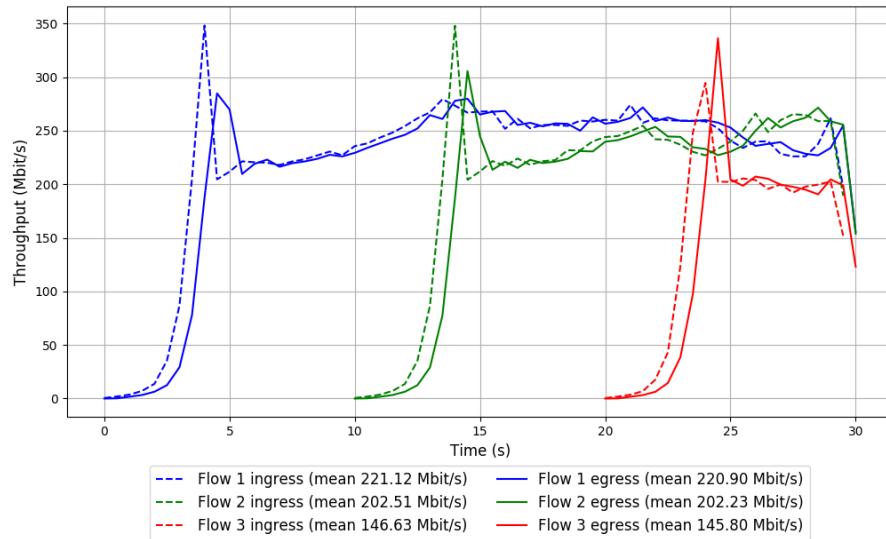


Run 2: Statistics of PCC-Vivace

```
Start at: 2019-10-02 23:29:33
End at: 2019-10-02 23:30:03
Local clock offset: 0.436 ms
Remote clock offset: -0.046 ms

# Below is generated by plot.py at 2019-10-03 05:16:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 402.62 Mbit/s
95th percentile per-packet one-way delay: 95.352 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 220.90 Mbit/s
95th percentile per-packet one-way delay: 90.562 ms
Loss rate: 0.67%
-- Flow 2:
Average throughput: 202.23 Mbit/s
95th percentile per-packet one-way delay: 102.571 ms
Loss rate: 1.01%
-- Flow 3:
Average throughput: 145.80 Mbit/s
95th percentile per-packet one-way delay: 121.435 ms
Loss rate: 2.30%
```

Run 2: Report of PCC-Vivace — Data Link

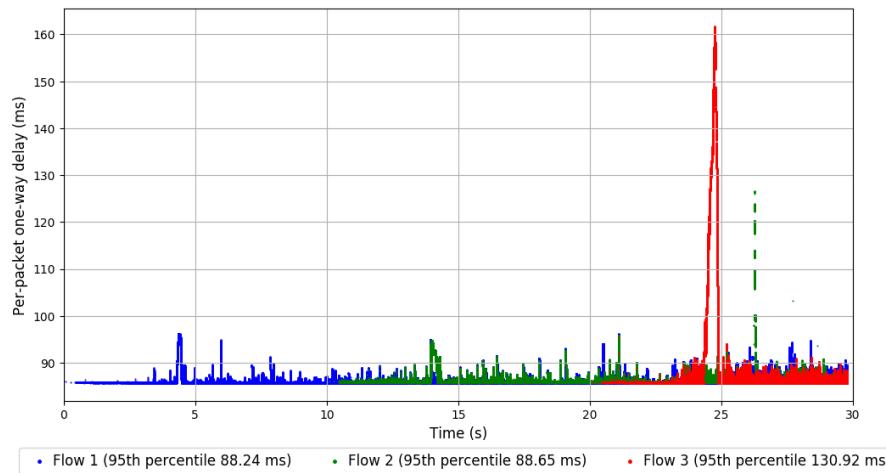
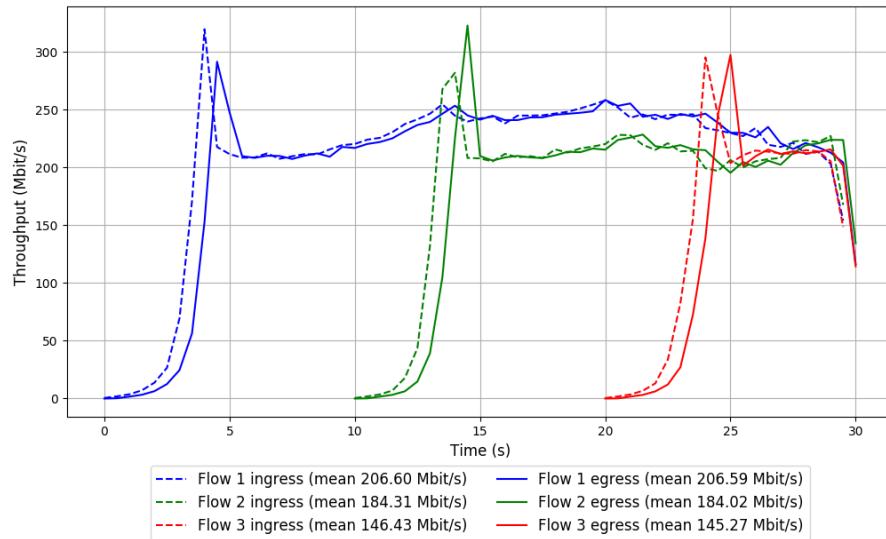


Run 3: Statistics of PCC-Vivace

```
Start at: 2019-10-03 00:10:13
End at: 2019-10-03 00:10:43
Local clock offset: -0.132 ms
Remote clock offset: -0.084 ms

# Below is generated by plot.py at 2019-10-03 05:16:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 375.96 Mbit/s
95th percentile per-packet one-way delay: 89.206 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 206.59 Mbit/s
95th percentile per-packet one-way delay: 88.242 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 184.02 Mbit/s
95th percentile per-packet one-way delay: 88.652 ms
Loss rate: 1.03%
-- Flow 3:
Average throughput: 145.27 Mbit/s
95th percentile per-packet one-way delay: 130.924 ms
Loss rate: 2.53%
```

Run 3: Report of PCC-Vivace — Data Link

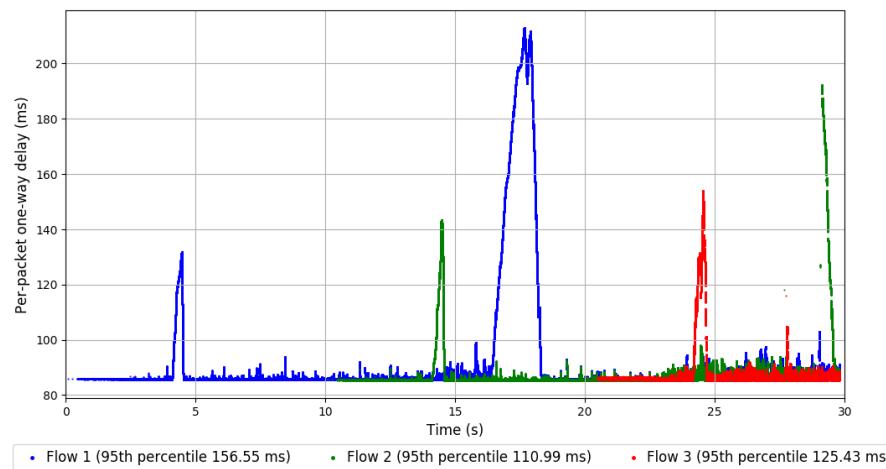
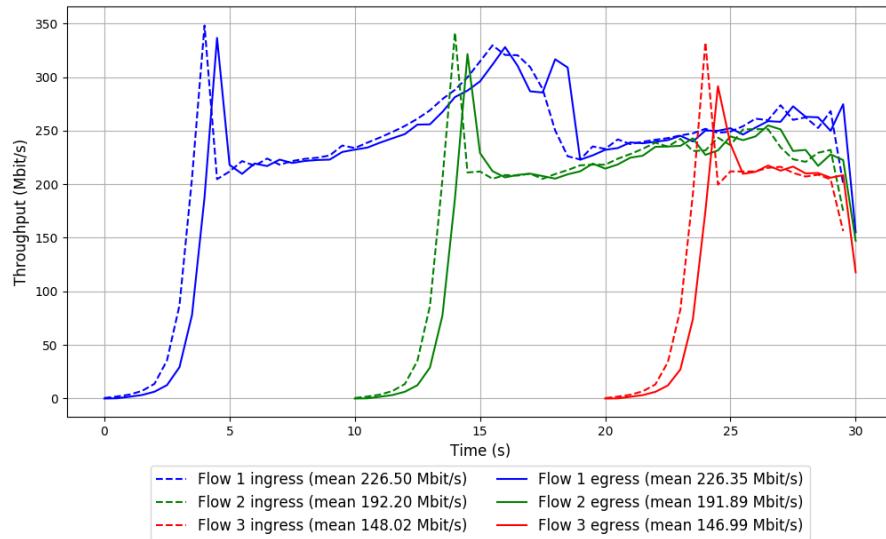


Run 4: Statistics of PCC-Vivace

```
Start at: 2019-10-03 00:50:56
End at: 2019-10-03 00:51:26
Local clock offset: -0.329 ms
Remote clock offset: 0.021 ms

# Below is generated by plot.py at 2019-10-03 05:16:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 401.58 Mbit/s
95th percentile per-packet one-way delay: 129.044 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 226.35 Mbit/s
95th percentile per-packet one-way delay: 156.548 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 191.89 Mbit/s
95th percentile per-packet one-way delay: 110.989 ms
Loss rate: 1.03%
-- Flow 3:
Average throughput: 146.99 Mbit/s
95th percentile per-packet one-way delay: 125.427 ms
Loss rate: 2.43%
```

Run 4: Report of PCC-Vivace — Data Link

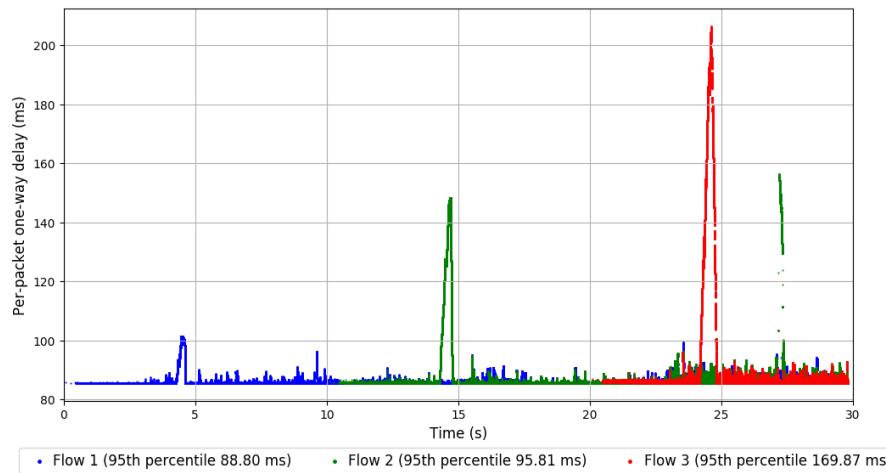
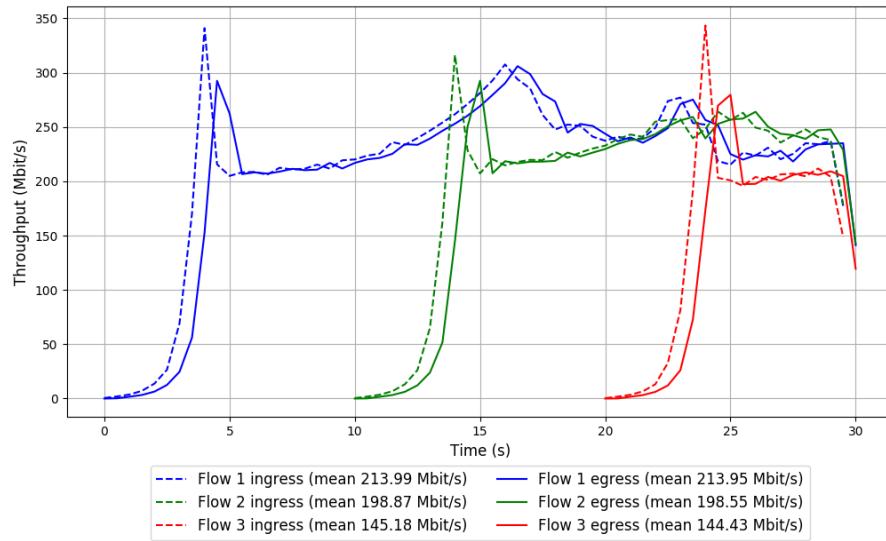


Run 5: Statistics of PCC-Vivace

```
Start at: 2019-10-03 01:32:04
End at: 2019-10-03 01:32:34
Local clock offset: -0.237 ms
Remote clock offset: -0.055 ms

# Below is generated by plot.py at 2019-10-03 05:16:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 392.64 Mbit/s
95th percentile per-packet one-way delay: 91.553 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 213.95 Mbit/s
95th percentile per-packet one-way delay: 88.798 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 198.55 Mbit/s
95th percentile per-packet one-way delay: 95.808 ms
Loss rate: 1.03%
-- Flow 3:
Average throughput: 144.43 Mbit/s
95th percentile per-packet one-way delay: 169.869 ms
Loss rate: 2.26%
```

Run 5: Report of PCC-Vivace — Data Link

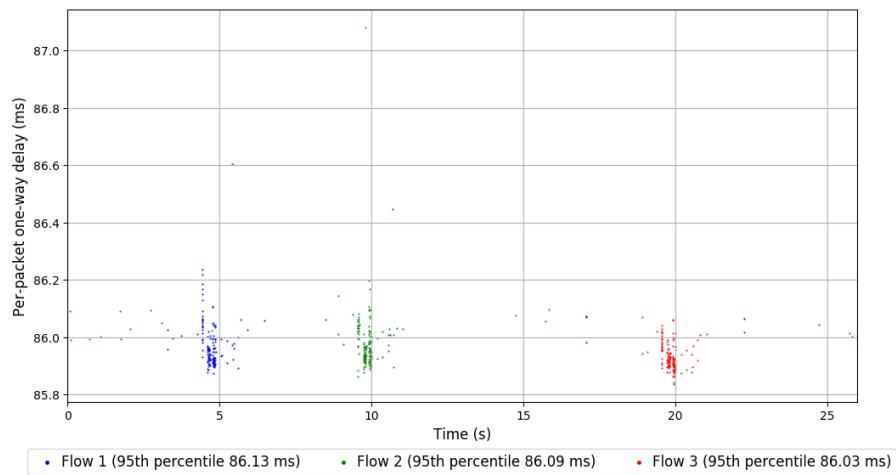
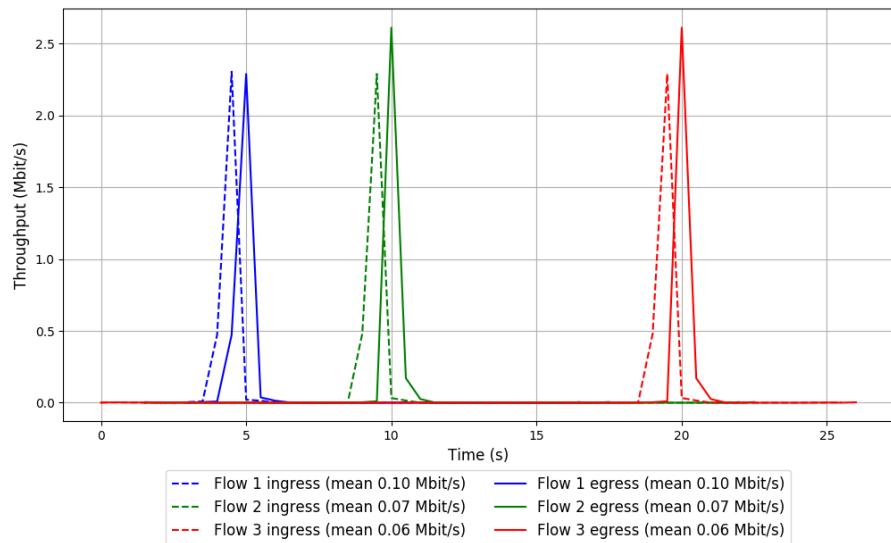


Run 1: Statistics of WebRTC media

```
Start at: 2019-10-02 23:04:02
End at: 2019-10-02 23:04:32
Local clock offset: -0.028 ms
Remote clock offset: -0.082 ms

# Below is generated by plot.py at 2019-10-03 05:16:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 86.090 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.10 Mbit/s
95th percentile per-packet one-way delay: 86.130 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 86.095 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 86.029 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

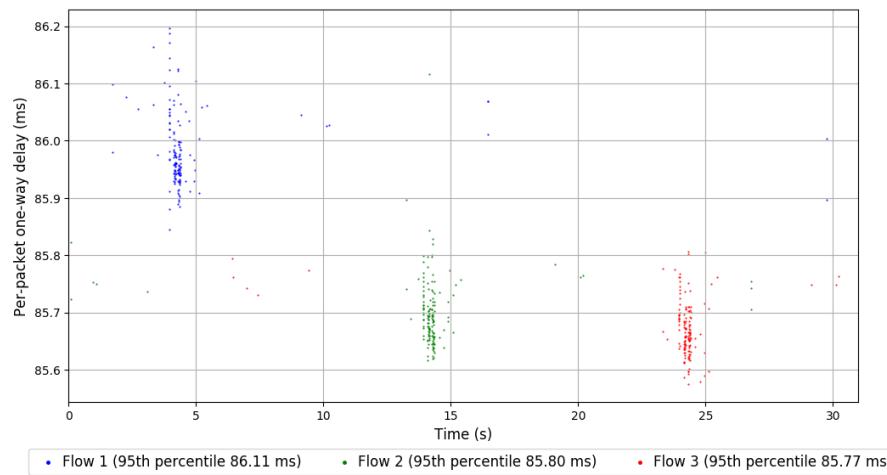
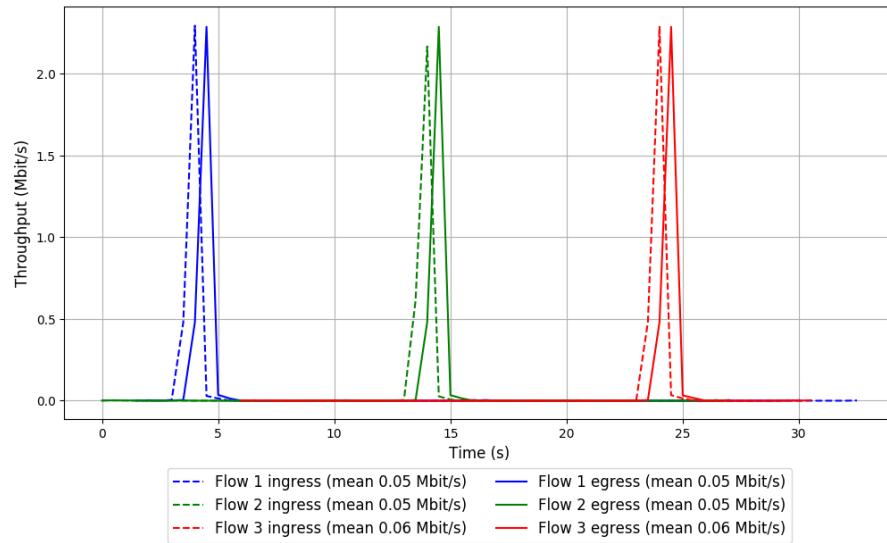


Run 2: Statistics of WebRTC media

```
Start at: 2019-10-02 23:44:31
End at: 2019-10-02 23:45:01
Local clock offset: -0.321 ms
Remote clock offset: -0.054 ms

# Below is generated by plot.py at 2019-10-03 05:16:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 86.062 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 86.105 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 85.799 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 85.767 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

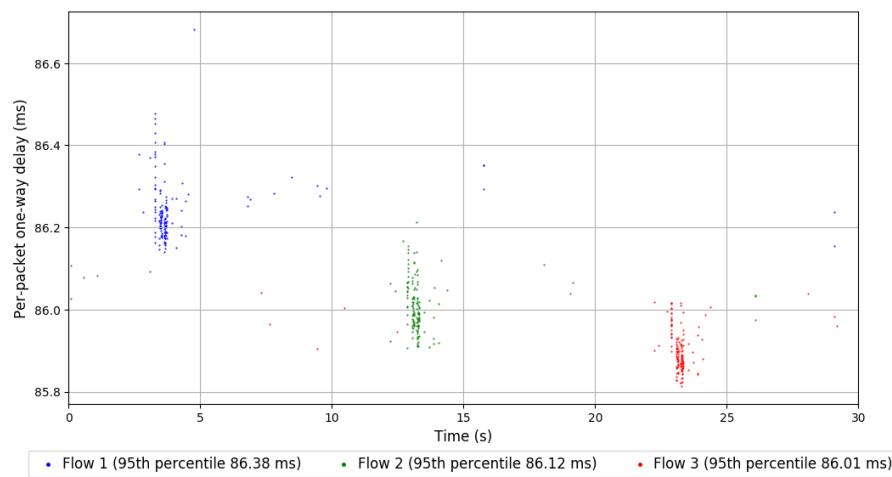
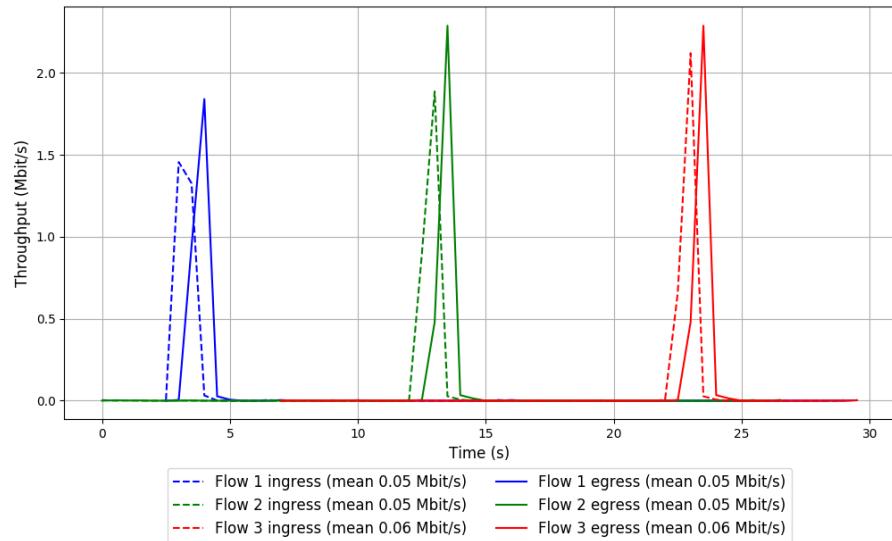


```
Run 3: Statistics of WebRTC media

Start at: 2019-10-03 00:25:09
End at: 2019-10-03 00:25:39
Local clock offset: -0.034 ms
Remote clock offset: 0.005 ms

# Below is generated by plot.py at 2019-10-03 05:16:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 86.301 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 86.384 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 86.121 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 86.010 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

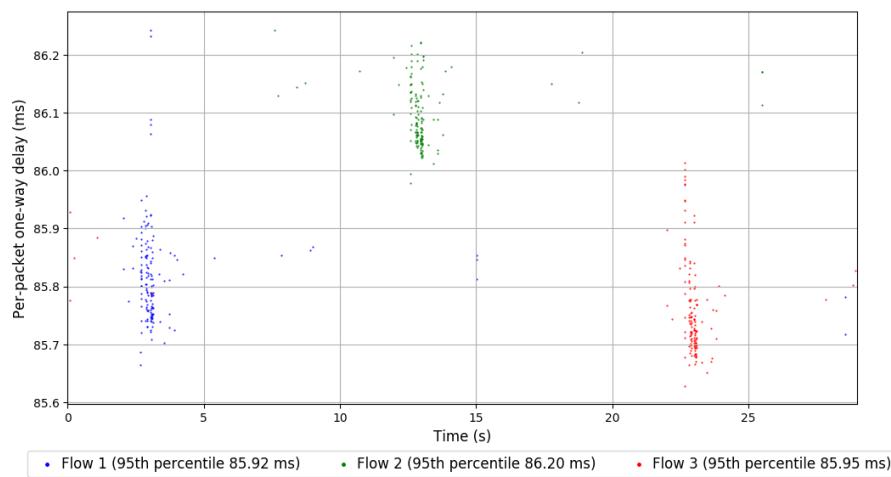
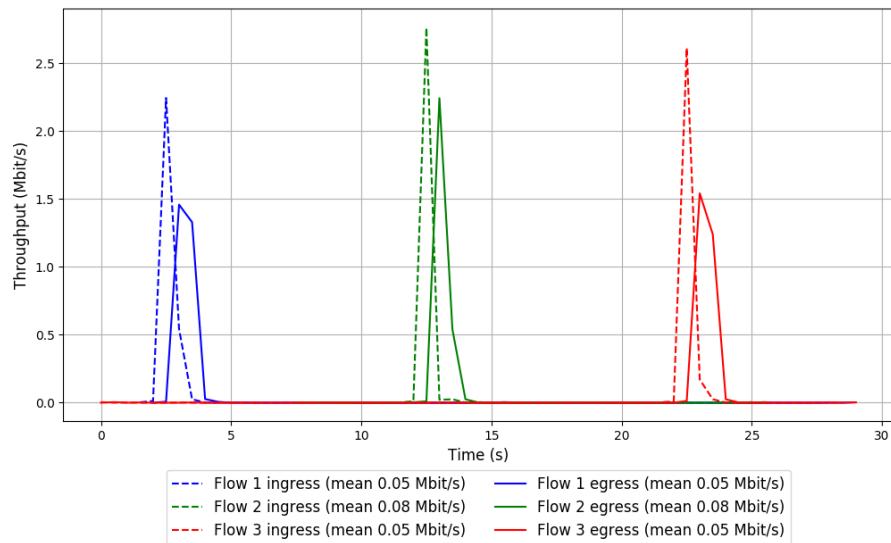


Run 4: Statistics of WebRTC media

```
Start at: 2019-10-03 01:06:03
End at: 2019-10-03 01:06:33
Local clock offset: -0.045 ms
Remote clock offset: -0.039 ms

# Below is generated by plot.py at 2019-10-03 05:16:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 86.171 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 85.924 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 86.198 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 85.947 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

```
Start at: 2019-10-03 01:47:09
End at: 2019-10-03 01:47:39
Local clock offset: -0.461 ms
Remote clock offset: -0.048 ms

# Below is generated by plot.py at 2019-10-03 05:16:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 86.001 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 85.683 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 86.034 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 85.717 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

