

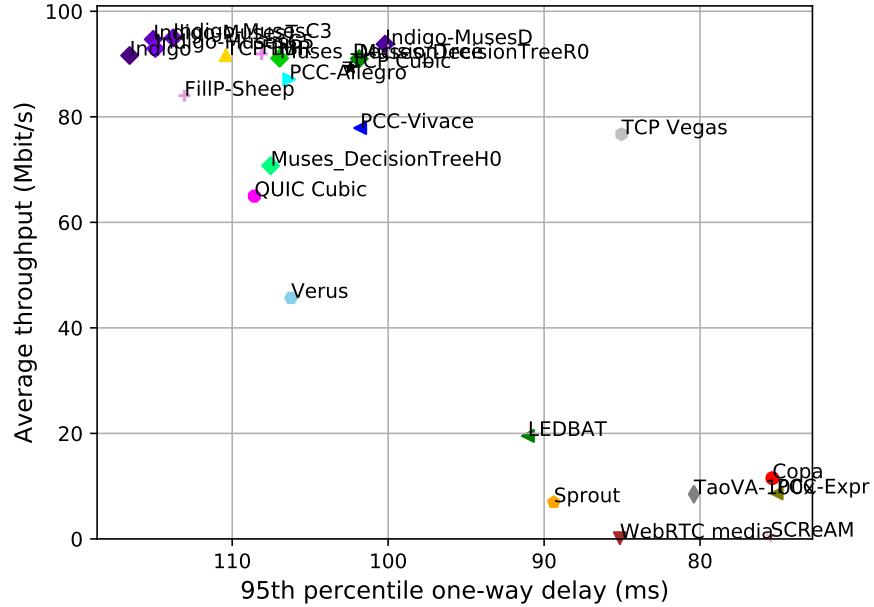
Pantheon Report

Generated at 2019-09-18 11:56:22 (UTC).
Data path: AWS Brazil 2 on `ens5` (*local*) → Colombia on `p4p1` (*remote*).
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 `gps.ntp.br` and have been applied to correct the timestamps in logs.

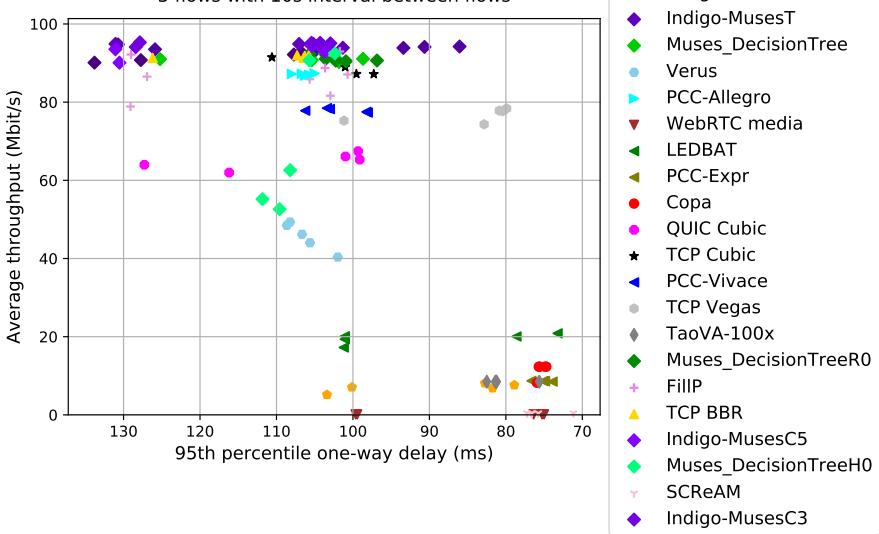
```
System info:  
Linux 4.15.0-1045-aws  
net.core.default_qdisc = fq  
net.core.rmem_default = 16777216  
net.core.rmem_max = 536870912  
net.core.wmem_default = 16777216  
net.core.wmem_max = 536870912  
net.ipv4.tcp_rmem = 4096 16777216 536870912  
net.ipv4.tcp_wmem = 4096 16777216 536870912  
  
Git summary:  
branch: muses @ de42328552b3776a75a932a94dfaf722537b0ec  
third_party/fillp @ d6da1459332fce6963885d7eba17e6a32d4519  
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fcd45e12e923f9  
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4  
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d  
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf  
third_party/muses @ 5ce721187ad823da20955337730c746486ca4966  
third_party/muses_dtree @ 387225f7b5f61ddbe92d708a8869ffbb84eb3200  
third_party/pantheon-tunnel @ f866d3f58d27af942717625ee3a354cc2e802bd  
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1  
M receiver/src/buffer.h  
M receiver/src/core.cpp  
M sender/src/buffer.h  
M sender/src/core.cpp  
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab  
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42  
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2  
M src/ScreamClient  
M src/ScreamServer  
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26  
M src/examples/cellsim.cc  
M src/examples/sproutbt2.cc  
M src/network/sproutconn.cc  
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494  
M src/verus.hpp
```

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

test from AWS Brazil 2 to Colombia, 5 runs of 30s each per scheme
 3 flows with 10s interval between flows (mean of all runs by scheme)



test from AWS Brazil 2 to Colombia, 5 runs of 30s each per scheme
 3 flows with 10s interval between flows



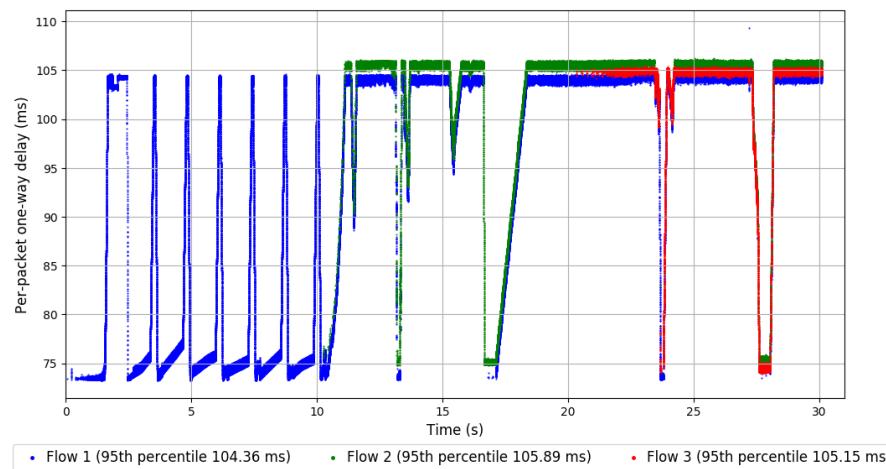
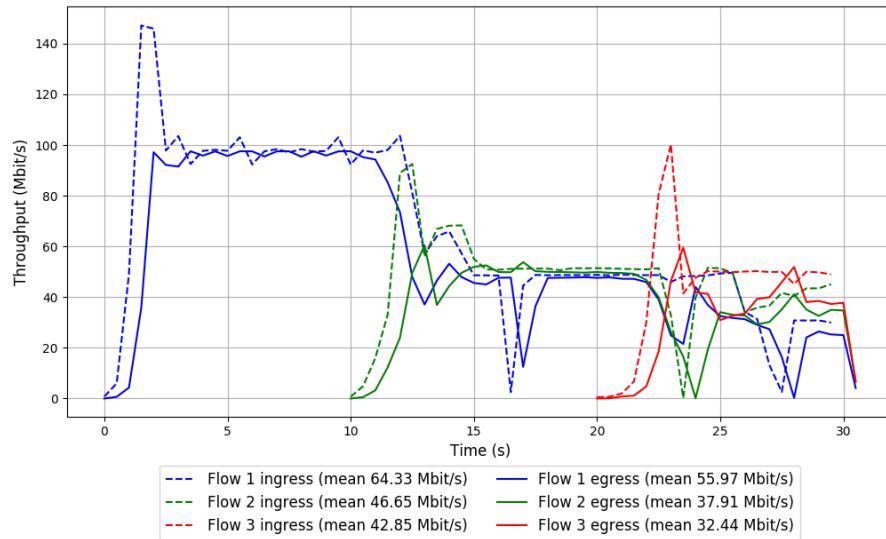
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	5	55.00	38.08	34.11	104.80	110.23	104.91	12.40	17.72	25.76
Copa	5	6.89	6.36	1.20	75.21	75.03	74.75	79.93	80.95	86.49
TCP Cubic	5	70.36	16.34	24.21	100.36	106.80	96.52	0.69	0.20	0.30
FillP	5	54.10	42.44	28.84	108.24	102.18	102.88	13.91	24.33	26.63
FillP-Sheep	5	28.50	65.44	36.29	95.30	113.65	107.87	4.37	6.47	8.28
Indigo	5	66.39	23.99	29.14	116.30	111.18	106.16	11.23	32.31	65.81
Indigo-MusesC3	5	51.64	49.51	38.62	109.46	109.15	103.74	1.31	1.59	2.64
Indigo-MusesC5	5	58.60	49.53	7.68	107.89	110.99	110.51	1.46	4.12	6.94
Indigo-MusesD	5	59.74	39.47	29.13	99.96	95.63	91.80	0.23	0.52	0.03
Indigo-MusesT	5	51.45	60.77	13.59	105.09	115.03	104.74	4.98	4.84	4.15
LEDBAT	5	12.67	8.29	4.04	81.23	82.42	82.10	0.00	0.00	0.24
Muses_DecisionTree	5	60.99	39.71	11.93	99.27	108.75	107.12	1.53	2.34	3.36
Muses_DecisionTreeH0	5	63.42	10.90	0.28	107.40	104.34	109.29	49.52	22.32	26.81
Muses_DecisionTreeR0	5	60.98	31.54	28.21	97.80	101.39	103.41	1.41	1.93	4.41
PCC-Allegro	5	77.97	10.09	7.43	106.33	106.28	105.05	2.68	4.32	5.53
PCC-Expr	5	0.01	9.91	6.16	75.03	75.05	75.16	85.71	61.45	38.01
QUIC Cubic	5	46.88	21.60	11.50	105.68	107.17	100.35	1.08	0.91	4.75
SCReAM	5	0.22	0.22	0.22	74.91	74.66	74.62	0.00	0.00	0.00
Sprout	5	3.40	4.05	2.65	85.56	81.41	85.11	0.00	0.00	0.00
TaoVA-100x	5	0.00	9.77	5.94	74.81	83.42	74.91	95.92	31.48	31.81
TCP Vegas	5	50.83	21.51	34.72	81.73	84.45	87.05	0.89	0.57	1.15
Verus	5	22.56	28.53	13.18	104.86	106.15	106.11	23.39	46.53	33.12
PCC-Vivace	5	67.82	11.35	7.58	102.11	102.97	98.03	0.22	0.55	0.46
WebRTC media	5	0.05	0.04	0.04	74.12	80.05	79.90	0.00	0.00	0.00

Run 1: Statistics of TCP BBR

```
Start at: 2019-09-18 09:17:31
End at: 2019-09-18 09:18:01
Local clock offset: 2.478 ms
Remote clock offset: -12.851 ms

# Below is generated by plot.py at 2019-09-18 11:44:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.99 Mbit/s
95th percentile per-packet one-way delay: 105.769 ms
Loss rate: 16.02%
-- Flow 1:
Average throughput: 55.97 Mbit/s
95th percentile per-packet one-way delay: 104.355 ms
Loss rate: 12.91%
-- Flow 2:
Average throughput: 37.91 Mbit/s
95th percentile per-packet one-way delay: 105.890 ms
Loss rate: 18.68%
-- Flow 3:
Average throughput: 32.44 Mbit/s
95th percentile per-packet one-way delay: 105.152 ms
Loss rate: 24.30%
```

Run 1: Report of TCP BBR — Data Link

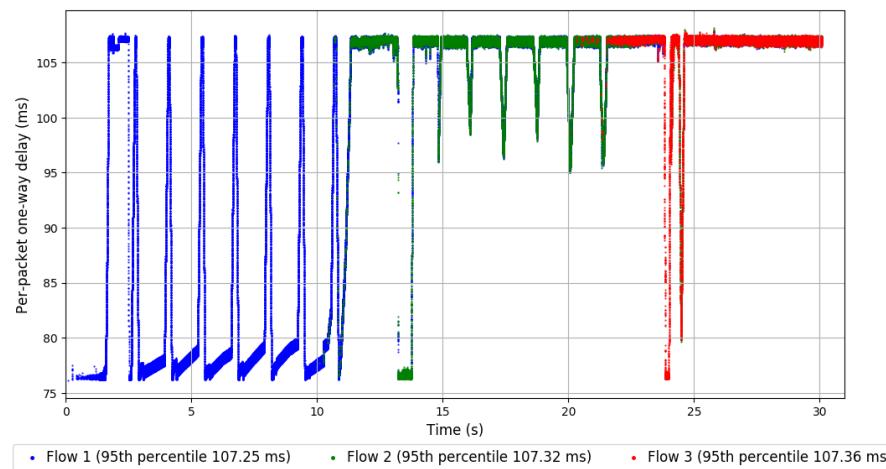
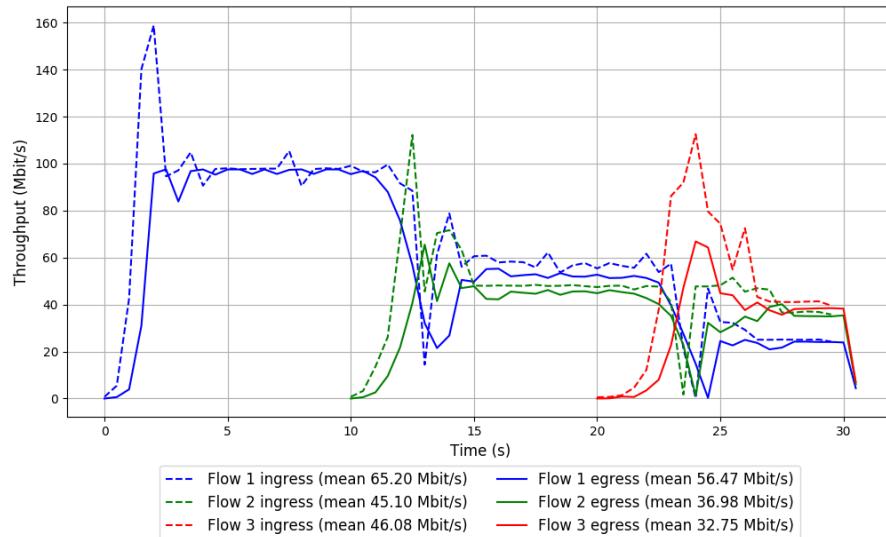


Run 2: Statistics of TCP BBR

```
Start at: 2019-09-18 09:47:56
End at: 2019-09-18 09:48:26
Local clock offset: 5.066 ms
Remote clock offset: -13.846 ms

# Below is generated by plot.py at 2019-09-18 11:44:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.99 Mbit/s
95th percentile per-packet one-way delay: 107.301 ms
Loss rate: 16.71%
-- Flow 1:
Average throughput: 56.47 Mbit/s
95th percentile per-packet one-way delay: 107.248 ms
Loss rate: 13.31%
-- Flow 2:
Average throughput: 36.98 Mbit/s
95th percentile per-packet one-way delay: 107.320 ms
Loss rate: 17.89%
-- Flow 3:
Average throughput: 32.75 Mbit/s
95th percentile per-packet one-way delay: 107.357 ms
Loss rate: 28.87%
```

Run 2: Report of TCP BBR — Data Link

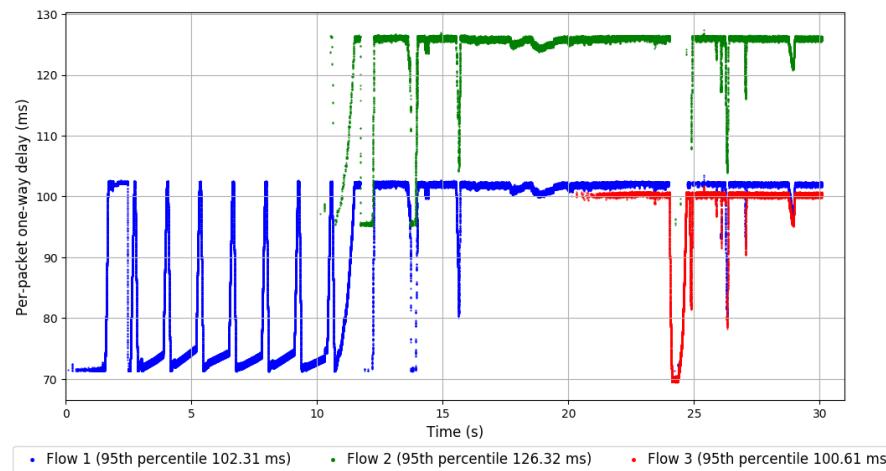
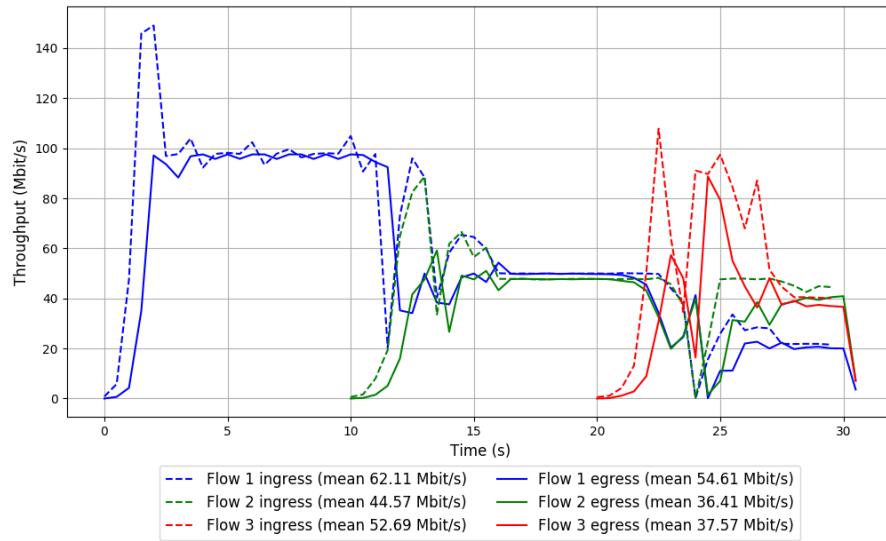


Run 3: Statistics of TCP BBR

```
Start at: 2019-09-18 10:18:21
End at: 2019-09-18 10:18:51
Local clock offset: -4.258 ms
Remote clock offset: -21.071 ms

# Below is generated by plot.py at 2019-09-18 11:44:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.33 Mbit/s
95th percentile per-packet one-way delay: 126.191 ms
Loss rate: 16.38%
-- Flow 1:
Average throughput: 54.61 Mbit/s
95th percentile per-packet one-way delay: 102.307 ms
Loss rate: 11.99%
-- Flow 2:
Average throughput: 36.41 Mbit/s
95th percentile per-packet one-way delay: 126.320 ms
Loss rate: 18.29%
-- Flow 3:
Average throughput: 37.57 Mbit/s
95th percentile per-packet one-way delay: 100.605 ms
Loss rate: 28.70%
```

Run 3: Report of TCP BBR — Data Link

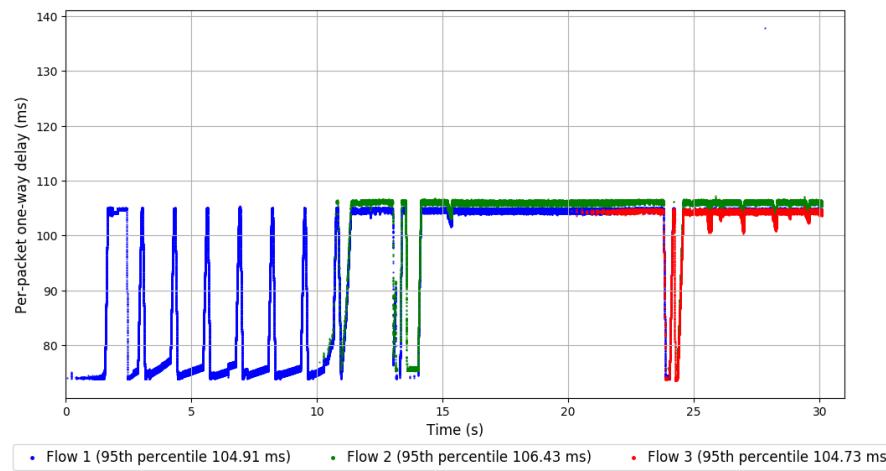
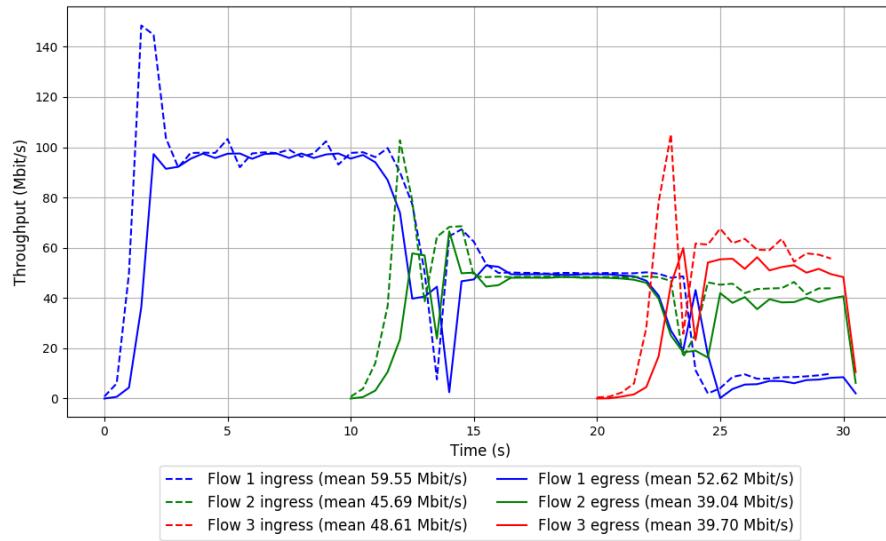


Run 4: Statistics of TCP BBR

```
Start at: 2019-09-18 10:48:59
End at: 2019-09-18 10:49:29
Local clock offset: -5.888 ms
Remote clock offset: -20.326 ms

# Below is generated by plot.py at 2019-09-18 11:44:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.83 Mbit/s
95th percentile per-packet one-way delay: 106.305 ms
Loss rate: 13.41%
-- Flow 1:
Average throughput: 52.62 Mbit/s
95th percentile per-packet one-way delay: 104.908 ms
Loss rate: 11.54%
-- Flow 2:
Average throughput: 39.04 Mbit/s
95th percentile per-packet one-way delay: 106.426 ms
Loss rate: 14.43%
-- Flow 3:
Average throughput: 39.70 Mbit/s
95th percentile per-packet one-way delay: 104.732 ms
Loss rate: 18.34%
```

Run 4: Report of TCP BBR — Data Link

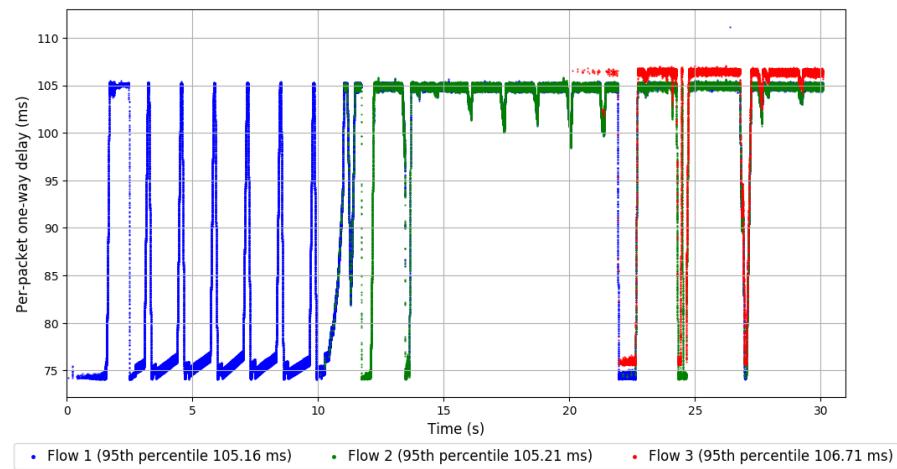
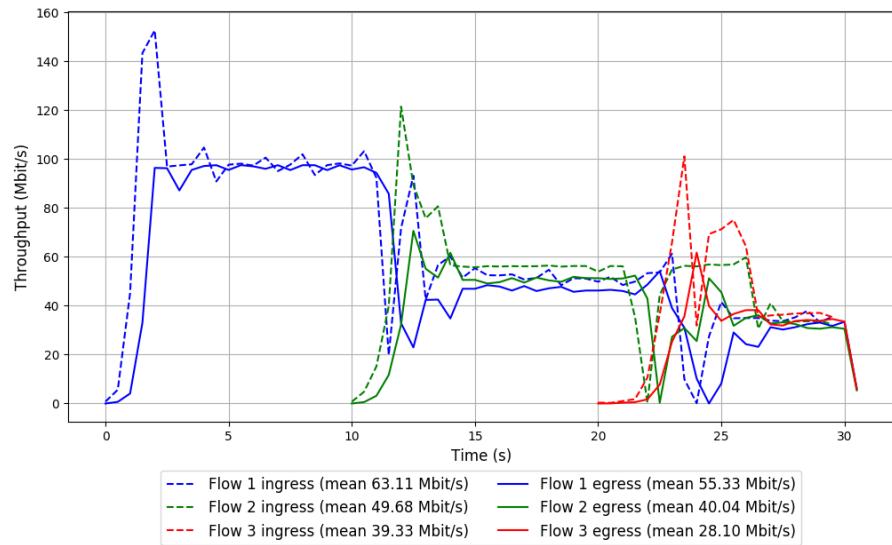


Run 5: Statistics of TCP BBR

```
Start at: 2019-09-18 11:19:25
End at: 2019-09-18 11:19:55
Local clock offset: -4.255 ms
Remote clock offset: -22.758 ms

# Below is generated by plot.py at 2019-09-18 11:44:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.33 Mbit/s
95th percentile per-packet one-way delay: 106.455 ms
Loss rate: 16.33%
-- Flow 1:
Average throughput: 55.33 Mbit/s
95th percentile per-packet one-way delay: 105.157 ms
Loss rate: 12.24%
-- Flow 2:
Average throughput: 40.04 Mbit/s
95th percentile per-packet one-way delay: 105.208 ms
Loss rate: 19.30%
-- Flow 3:
Average throughput: 28.10 Mbit/s
95th percentile per-packet one-way delay: 106.706 ms
Loss rate: 28.58%
```

Run 5: Report of TCP BBR — Data Link

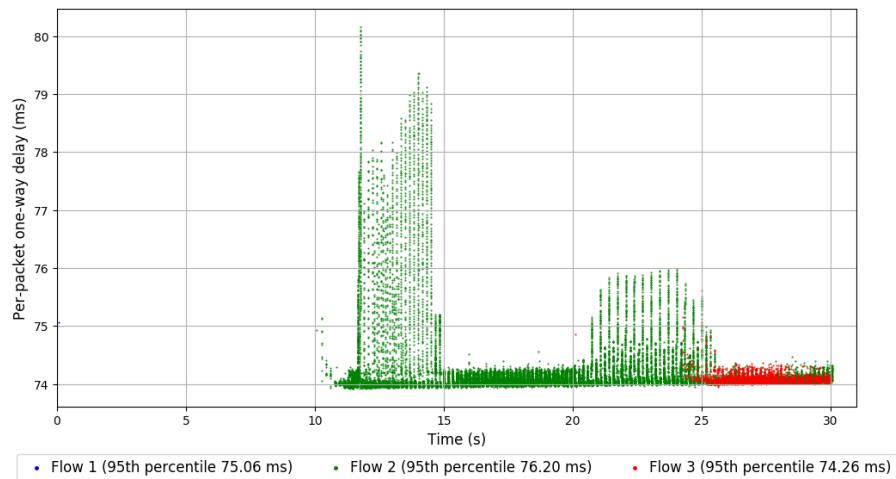
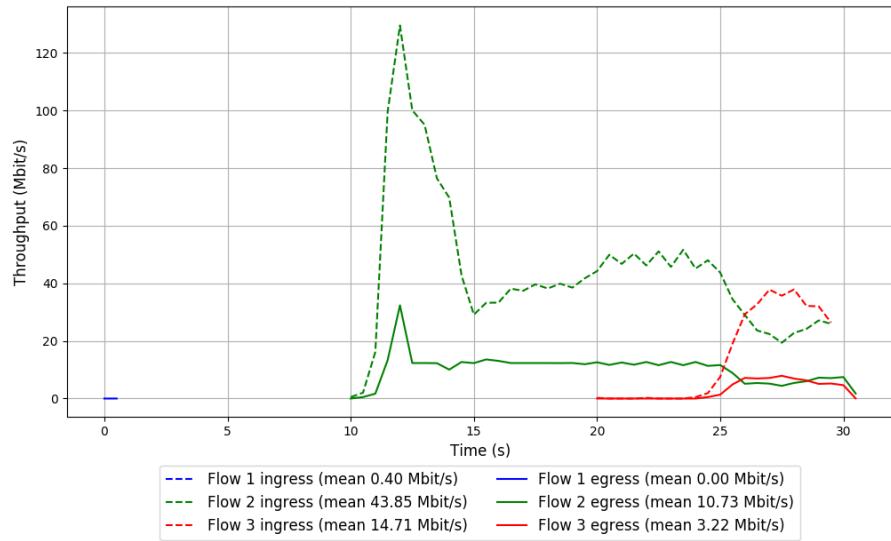


Run 1: Statistics of Copa

```
Start at: 2019-09-18 09:11:12
End at: 2019-09-18 09:11:42
Local clock offset: 0.716 ms
Remote clock offset: -13.059 ms

# Below is generated by plot.py at 2019-09-18 11:44:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.22 Mbit/s
95th percentile per-packet one-way delay: 75.933 ms
Loss rate: 75.90%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 75.060 ms
Loss rate: 98.60%
-- Flow 2:
Average throughput: 10.73 Mbit/s
95th percentile per-packet one-way delay: 76.197 ms
Loss rate: 75.53%
-- Flow 3:
Average throughput: 3.22 Mbit/s
95th percentile per-packet one-way delay: 74.257 ms
Loss rate: 78.13%
```

Run 1: Report of Copa — Data Link

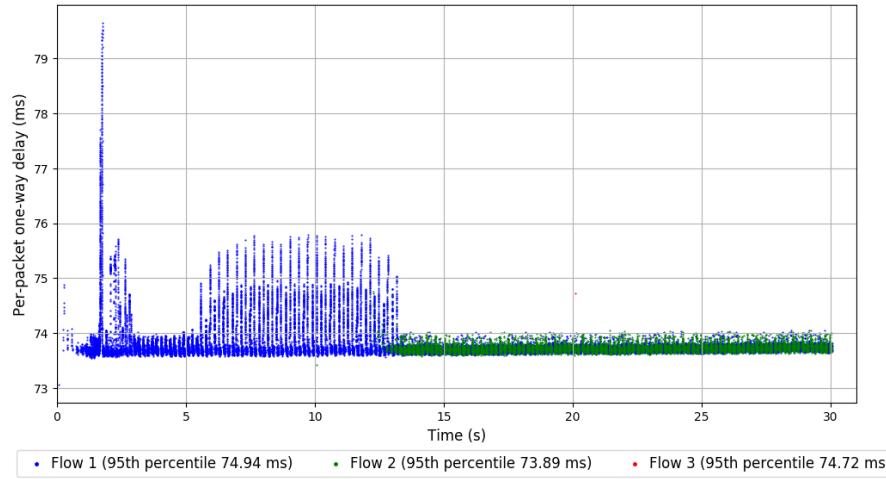
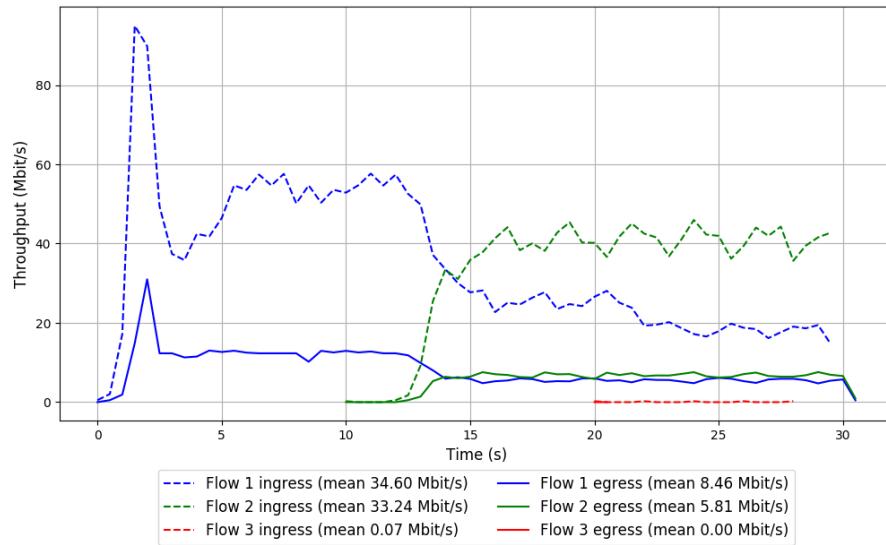


Run 2: Statistics of Copa

```
Start at: 2019-09-18 09:41:37
End at: 2019-09-18 09:42:07
Local clock offset: 3.873 ms
Remote clock offset: -15.66 ms

# Below is generated by plot.py at 2019-09-18 11:44:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 12.33 Mbit/s
95th percentile per-packet one-way delay: 74.704 ms
Loss rate: 78.26%
-- Flow 1:
Average throughput: 8.46 Mbit/s
95th percentile per-packet one-way delay: 74.936 ms
Loss rate: 75.54%
-- Flow 2:
Average throughput: 5.81 Mbit/s
95th percentile per-packet one-way delay: 73.893 ms
Loss rate: 82.51%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 74.720 ms
Loss rate: 99.83%
```

Run 2: Report of Copa — Data Link

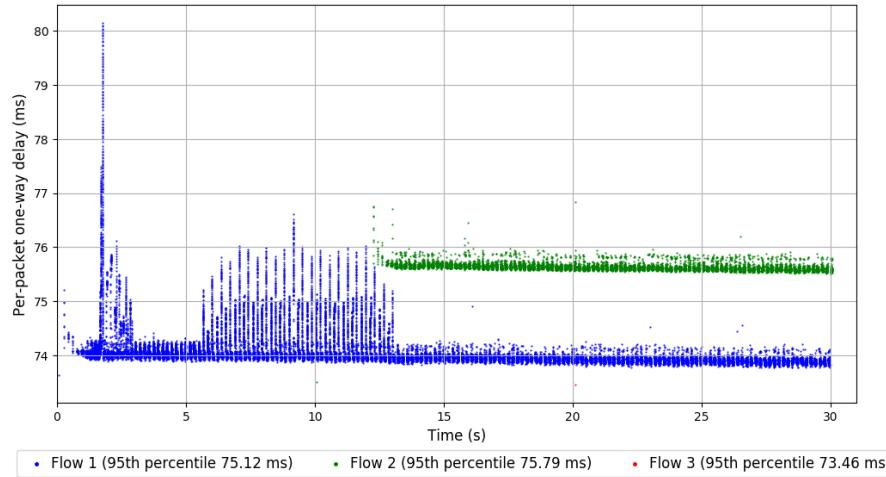
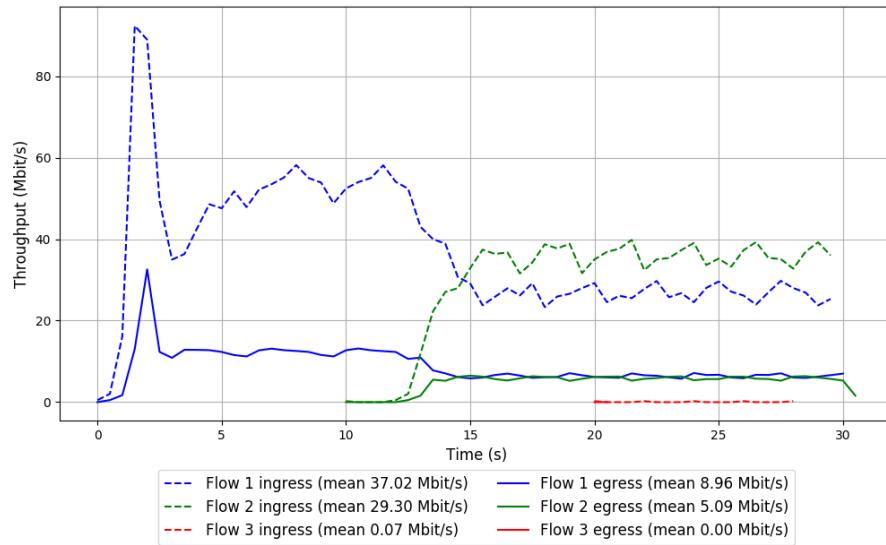


Run 3: Statistics of Copa

```
Start at: 2019-09-18 10:12:02
End at: 2019-09-18 10:12:32
Local clock offset: -3.024 ms
Remote clock offset: -17.626 ms

# Below is generated by plot.py at 2019-09-18 11:44:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 12.33 Mbit/s
95th percentile per-packet one-way delay: 75.694 ms
Loss rate: 78.17%
-- Flow 1:
Average throughput: 8.96 Mbit/s
95th percentile per-packet one-way delay: 75.121 ms
Loss rate: 75.81%
-- Flow 2:
Average throughput: 5.09 Mbit/s
95th percentile per-packet one-way delay: 75.786 ms
Loss rate: 82.61%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 73.460 ms
Loss rate: 99.83%
```

Run 3: Report of Copa — Data Link

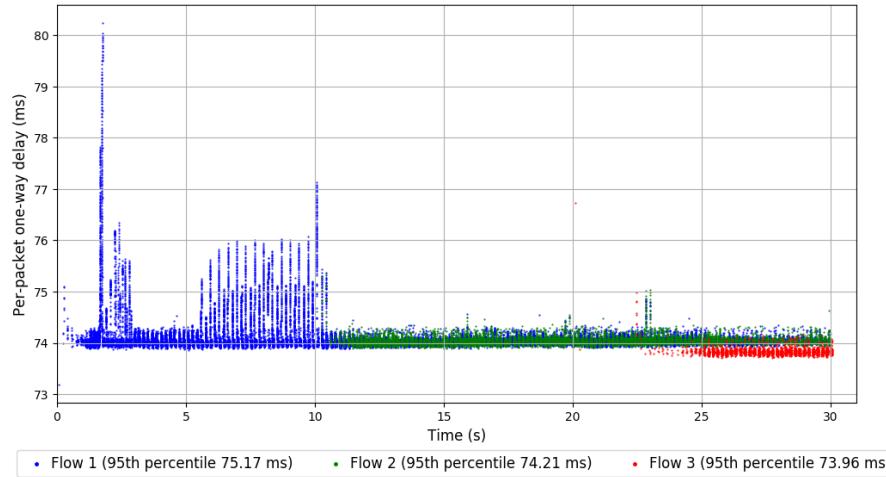
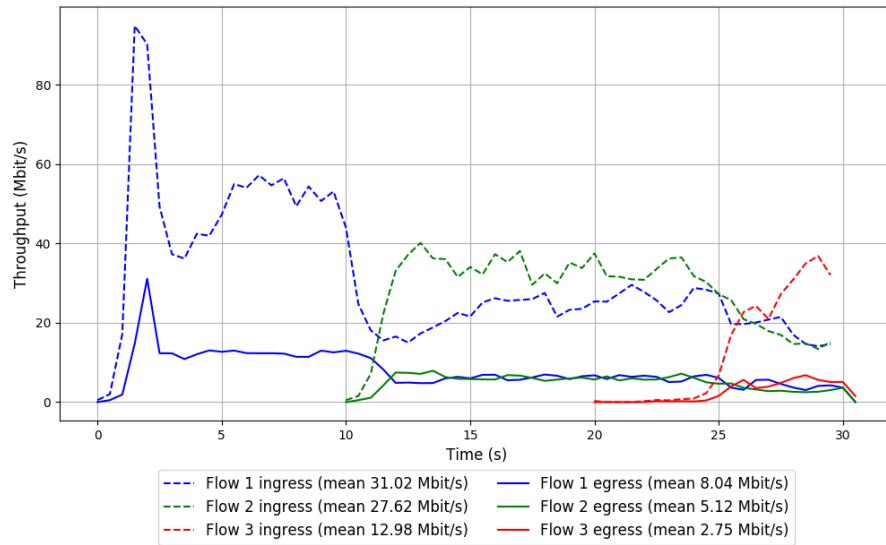


Run 4: Statistics of Copa

```
Start at: 2019-09-18 10:42:40
End at: 2019-09-18 10:43:10
Local clock offset: -5.155 ms
Remote clock offset: -19.76 ms

# Below is generated by plot.py at 2019-09-18 11:44:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 12.33 Mbit/s
95th percentile per-packet one-way delay: 74.905 ms
Loss rate: 77.00%
-- Flow 1:
Average throughput: 8.04 Mbit/s
95th percentile per-packet one-way delay: 75.171 ms
Loss rate: 74.08%
-- Flow 2:
Average throughput: 5.12 Mbit/s
95th percentile per-packet one-way delay: 74.208 ms
Loss rate: 81.48%
-- Flow 3:
Average throughput: 2.75 Mbit/s
95th percentile per-packet one-way delay: 73.963 ms
Loss rate: 78.85%
```

Run 4: Report of Copa — Data Link

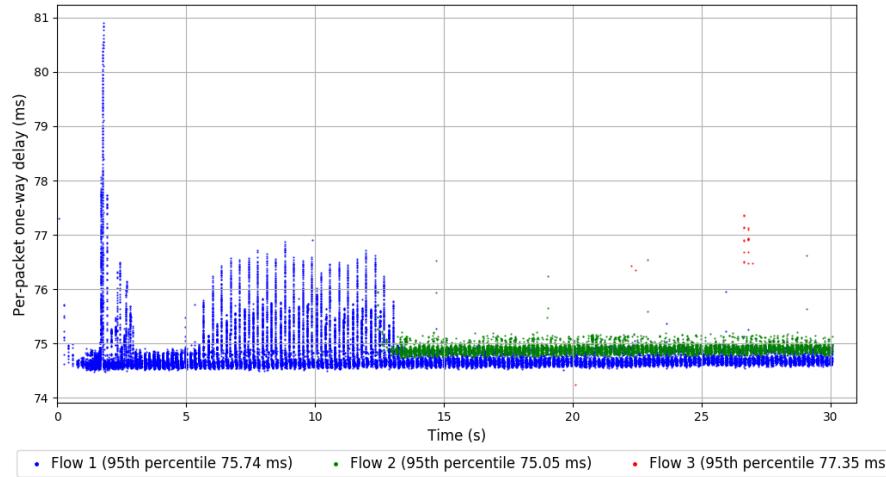
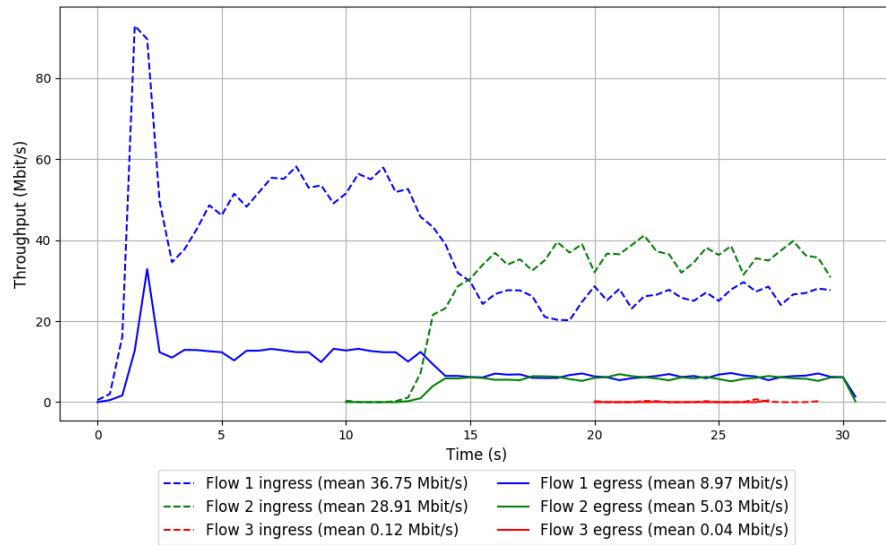


Run 5: Statistics of Copa

```
Start at: 2019-09-18 11:13:06
End at: 2019-09-18 11:13:36
Local clock offset: -3.63 ms
Remote clock offset: -21.412 ms

# Below is generated by plot.py at 2019-09-18 11:44:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 12.33 Mbit/s
95th percentile per-packet one-way delay: 75.578 ms
Loss rate: 78.00%
-- Flow 1:
Average throughput: 8.97 Mbit/s
95th percentile per-packet one-way delay: 75.743 ms
Loss rate: 75.60%
-- Flow 2:
Average throughput: 5.03 Mbit/s
95th percentile per-packet one-way delay: 75.045 ms
Loss rate: 82.60%
-- Flow 3:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 77.347 ms
Loss rate: 75.79%
```

Run 5: Report of Copa — Data Link

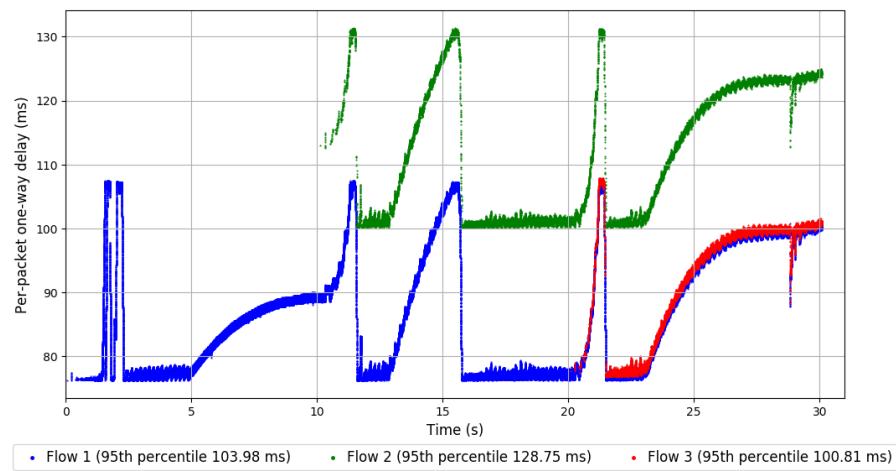
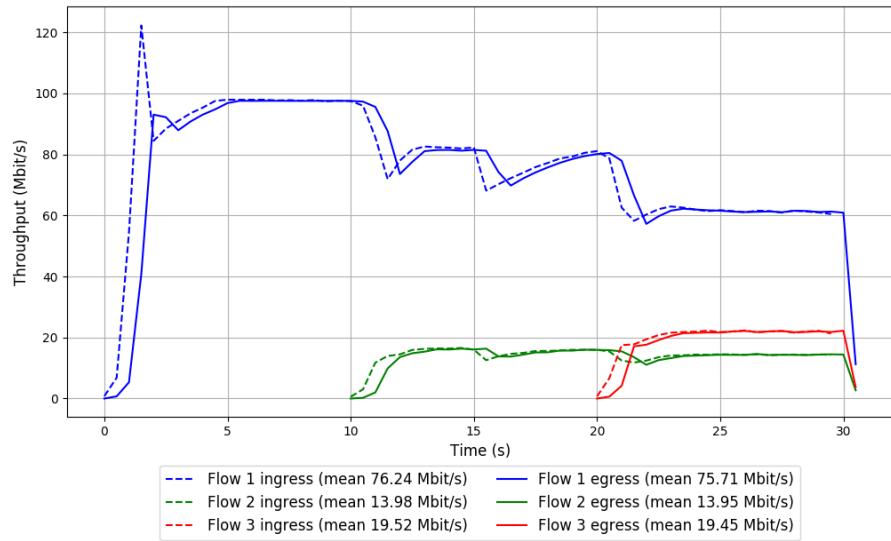


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2019-09-18 09:34:00
End at: 2019-09-18 09:34:30
Local clock offset: 4.11 ms
Remote clock offset: -12.76 ms

# Below is generated by plot.py at 2019-09-18 11:44:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.46 Mbit/s
95th percentile per-packet one-way delay: 110.594 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 75.71 Mbit/s
95th percentile per-packet one-way delay: 103.977 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 13.95 Mbit/s
95th percentile per-packet one-way delay: 128.751 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 19.45 Mbit/s
95th percentile per-packet one-way delay: 100.809 ms
Loss rate: 0.17%
```

Run 1: Report of TCP Cubic — Data Link

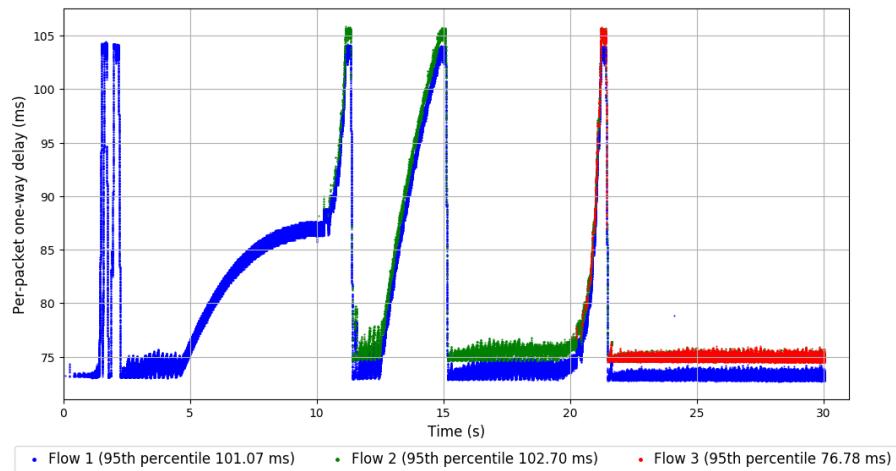
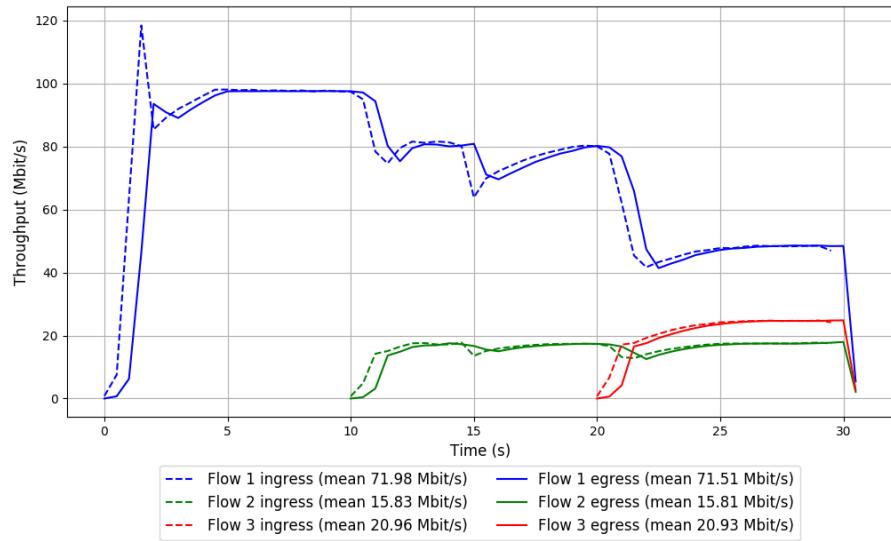


Run 2: Statistics of TCP Cubic

```
Start at: 2019-09-18 10:04:24
End at: 2019-09-18 10:04:54
Local clock offset: 2.272 ms
Remote clock offset: -16.206 ms

# Below is generated by plot.py at 2019-09-18 11:45:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.99 Mbit/s
95th percentile per-packet one-way delay: 101.017 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 71.51 Mbit/s
95th percentile per-packet one-way delay: 101.068 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 15.81 Mbit/s
95th percentile per-packet one-way delay: 102.696 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 20.93 Mbit/s
95th percentile per-packet one-way delay: 76.782 ms
Loss rate: 0.20%
```

Run 2: Report of TCP Cubic — Data Link

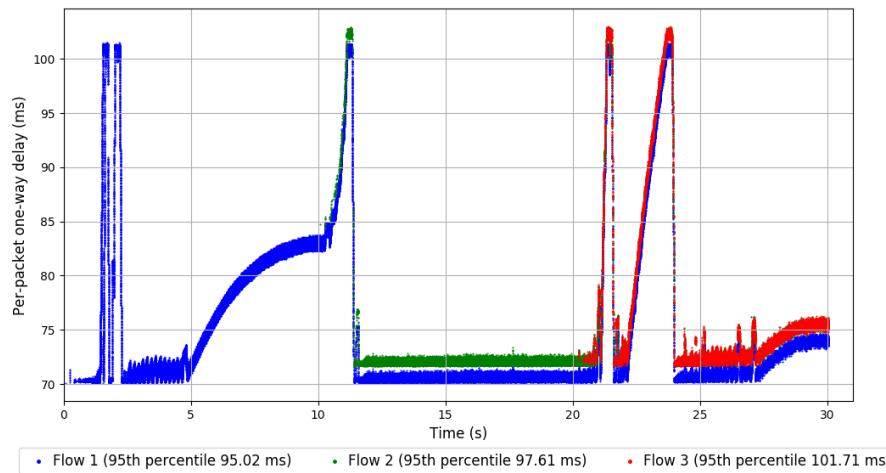
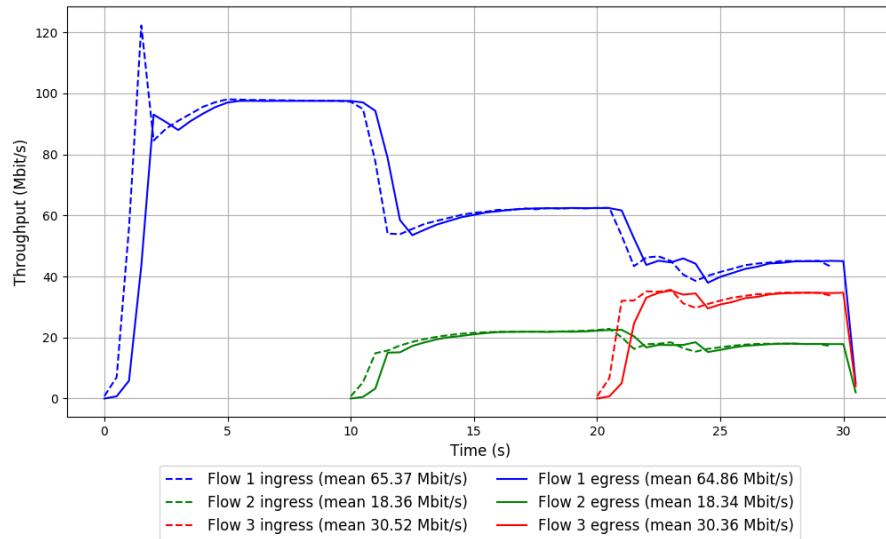


Run 3: Statistics of TCP Cubic

```
Start at: 2019-09-18 10:35:00
End at: 2019-09-18 10:35:30
Local clock offset: -5.651 ms
Remote clock offset: -22.216 ms

# Below is generated by plot.py at 2019-09-18 11:45:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.18 Mbit/s
95th percentile per-packet one-way delay: 97.277 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 64.86 Mbit/s
95th percentile per-packet one-way delay: 95.015 ms
Loss rate: 0.76%
-- Flow 2:
Average throughput: 18.34 Mbit/s
95th percentile per-packet one-way delay: 97.612 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 30.36 Mbit/s
95th percentile per-packet one-way delay: 101.714 ms
Loss rate: 0.49%
```

Run 3: Report of TCP Cubic — Data Link

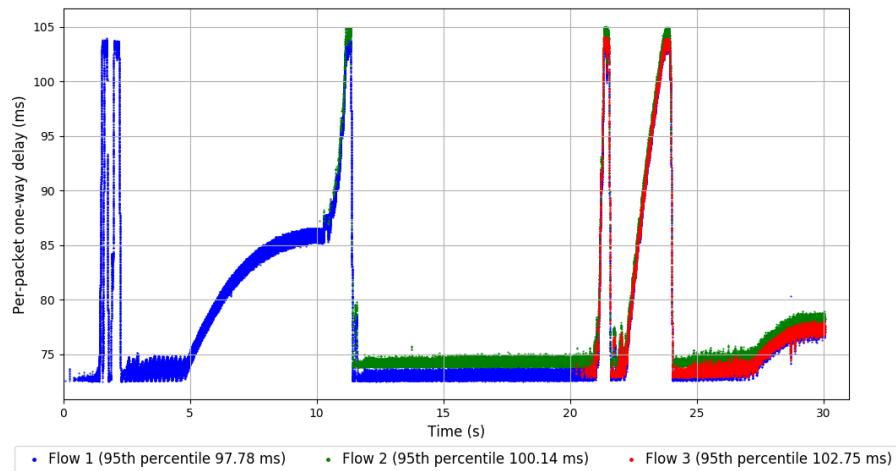
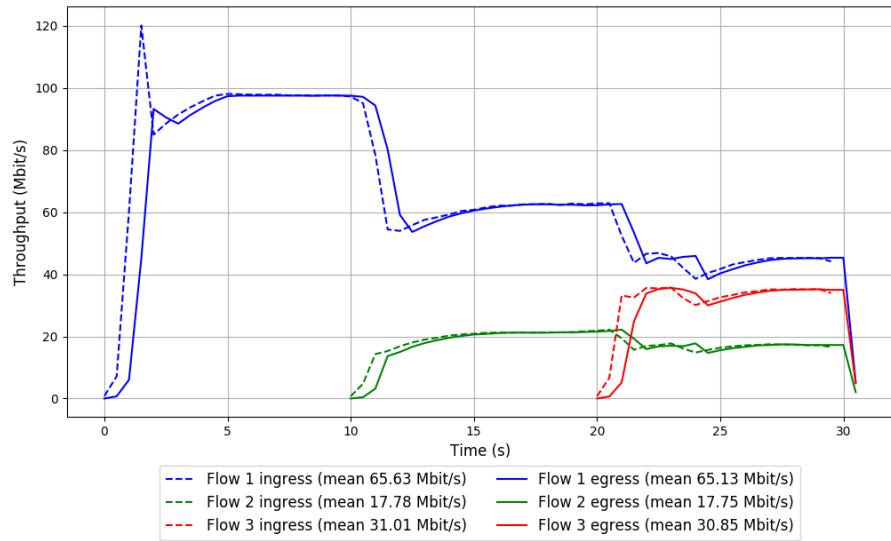


Run 4: Statistics of TCP Cubic

```
Start at: 2019-09-18 11:05:28
End at: 2019-09-18 11:05:58
Local clock offset: -4.474 ms
Remote clock offset: -22.605 ms

# Below is generated by plot.py at 2019-09-18 11:45:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.20 Mbit/s
95th percentile per-packet one-way delay: 99.549 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 65.13 Mbit/s
95th percentile per-packet one-way delay: 97.778 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 17.75 Mbit/s
95th percentile per-packet one-way delay: 100.140 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 30.85 Mbit/s
95th percentile per-packet one-way delay: 102.753 ms
Loss rate: 0.47%
```

Run 4: Report of TCP Cubic — Data Link

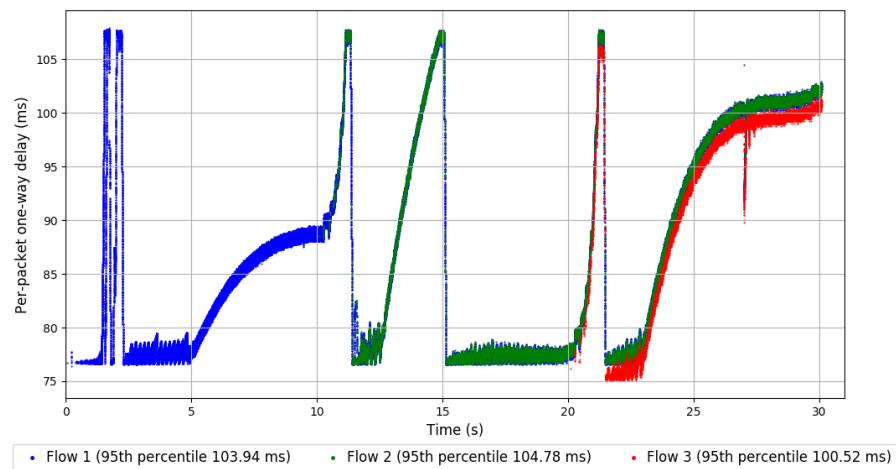
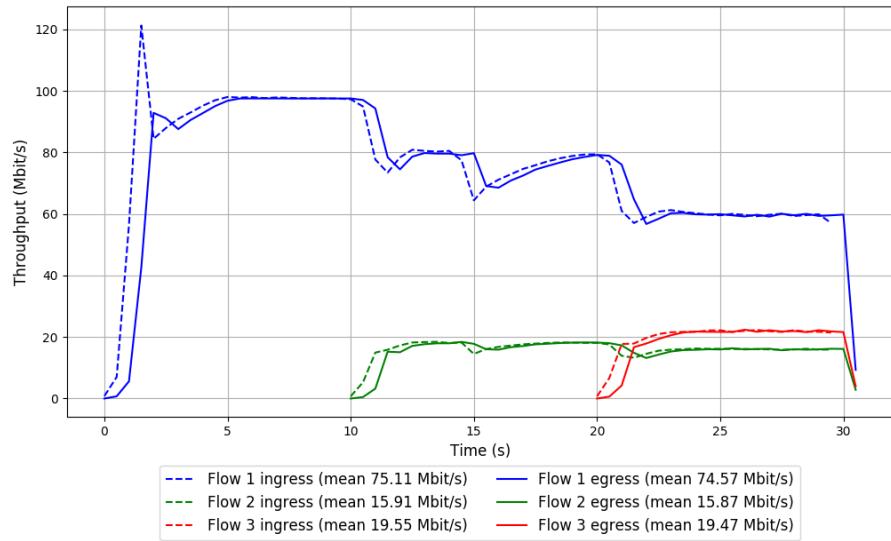


Run 5: Statistics of TCP Cubic

```
Start at: 2019-09-18 11:35:58
End at: 2019-09-18 11:36:28
Local clock offset: -4.568 ms
Remote clock offset: -23.015 ms

# Below is generated by plot.py at 2019-09-18 11:45:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.62 Mbit/s
95th percentile per-packet one-way delay: 103.601 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 74.57 Mbit/s
95th percentile per-packet one-way delay: 103.940 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 15.87 Mbit/s
95th percentile per-packet one-way delay: 104.779 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 19.47 Mbit/s
95th percentile per-packet one-way delay: 100.522 ms
Loss rate: 0.17%
```

Run 5: Report of TCP Cubic — Data Link

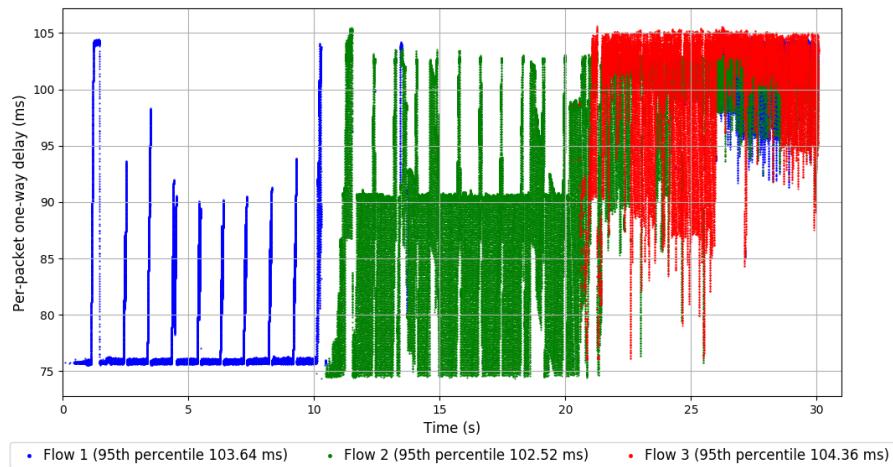
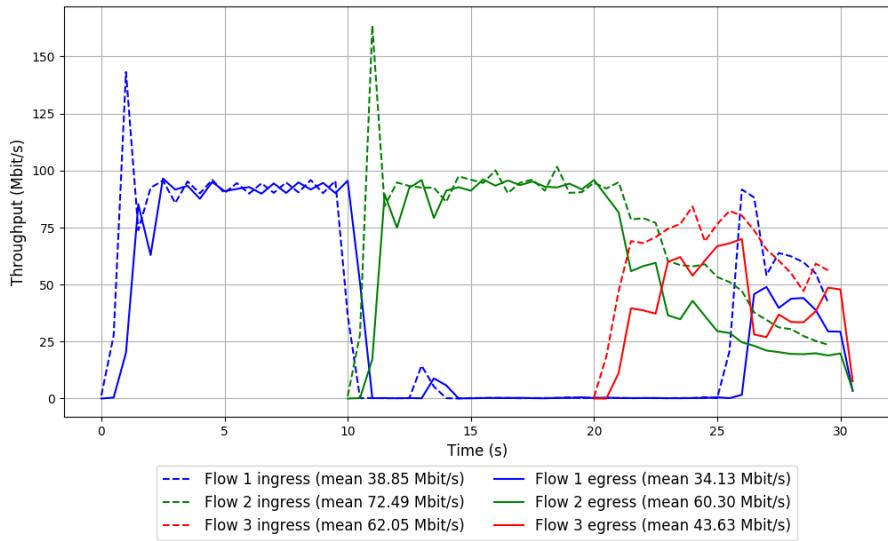


```
Run 1: Statistics of FillP

Start at: 2019-09-18 09:27:32
End at: 2019-09-18 09:28:02
Local clock offset: 3.568 ms
Remote clock offset: -12.751 ms

# Below is generated by plot.py at 2019-09-18 11:46:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.75 Mbit/s
95th percentile per-packet one-way delay: 103.655 ms
Loss rate: 17.52%
-- Flow 1:
Average throughput: 34.13 Mbit/s
95th percentile per-packet one-way delay: 103.638 ms
Loss rate: 12.08%
-- Flow 2:
Average throughput: 60.30 Mbit/s
95th percentile per-packet one-way delay: 102.517 ms
Loss rate: 16.73%
-- Flow 3:
Average throughput: 43.63 Mbit/s
95th percentile per-packet one-way delay: 104.360 ms
Loss rate: 29.61%
```

Run 1: Report of FillP — Data Link

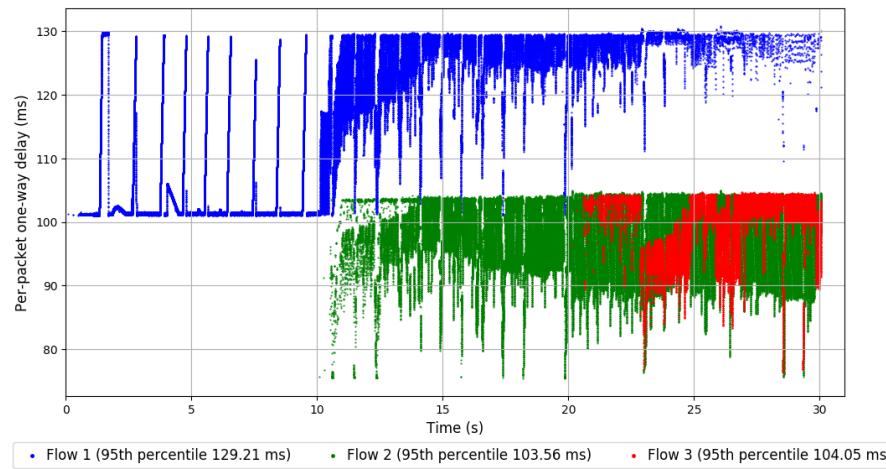
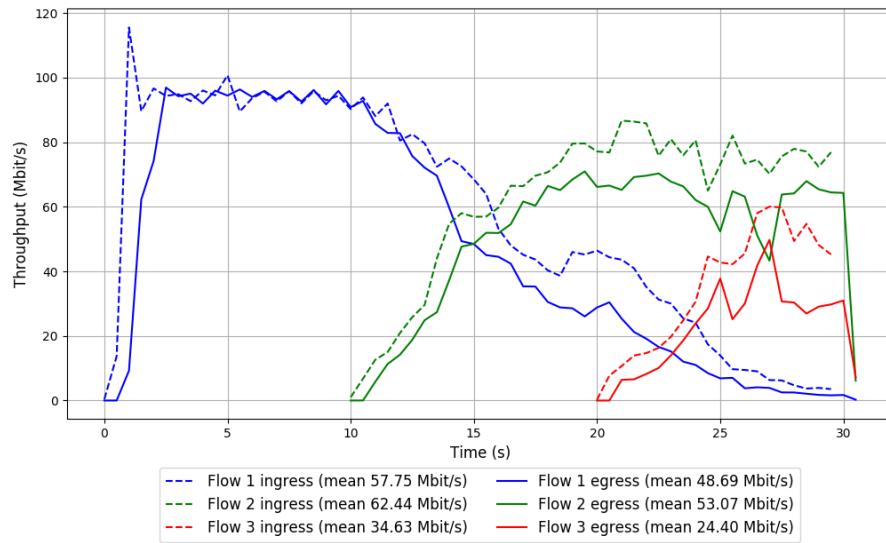


Run 2: Statistics of FillP

```
Start at: 2019-09-18 09:57:56
End at: 2019-09-18 09:58:26
Local clock offset: 4.981 ms
Remote clock offset: -16.219 ms

# Below is generated by plot.py at 2019-09-18 11:46:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.18 Mbit/s
95th percentile per-packet one-way delay: 129.012 ms
Loss rate: 16.80%
-- Flow 1:
Average throughput: 48.69 Mbit/s
95th percentile per-packet one-way delay: 129.212 ms
Loss rate: 15.64%
-- Flow 2:
Average throughput: 53.07 Mbit/s
95th percentile per-packet one-way delay: 103.563 ms
Loss rate: 14.89%
-- Flow 3:
Average throughput: 24.40 Mbit/s
95th percentile per-packet one-way delay: 104.052 ms
Loss rate: 29.51%
```

Run 2: Report of FillP — Data Link

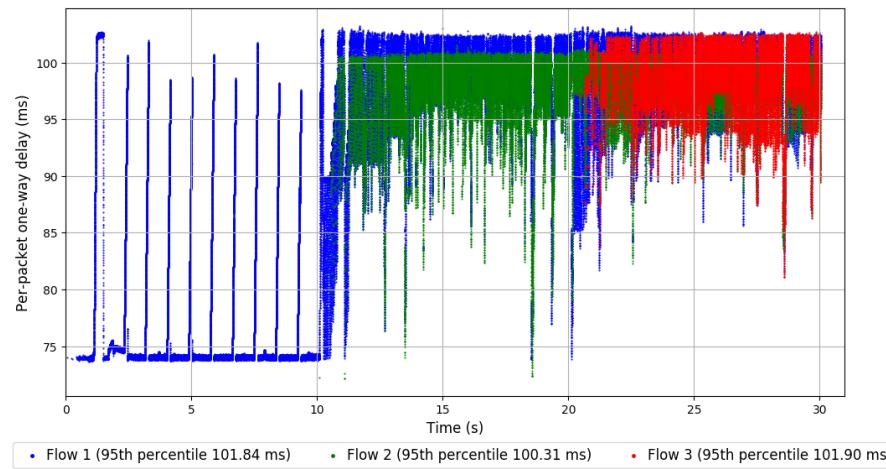
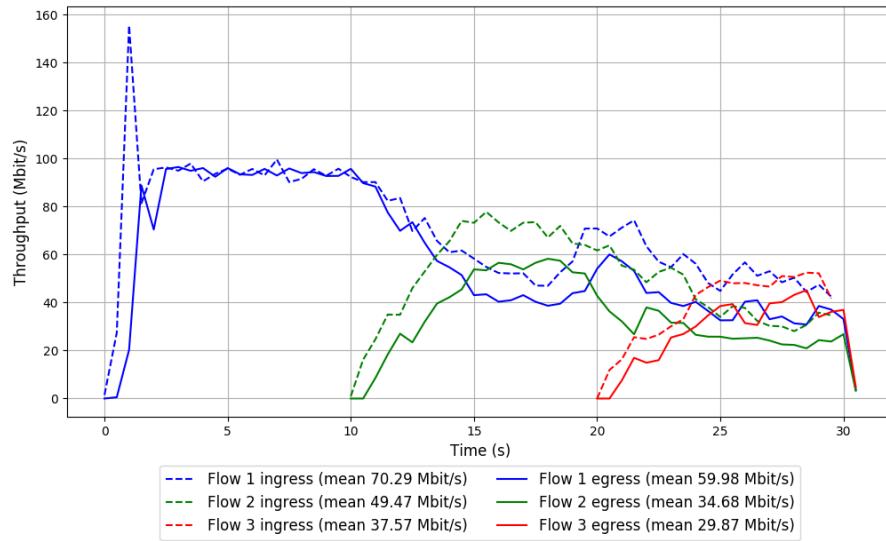


Run 3: Statistics of FillP

```
Start at: 2019-09-18 10:28:21
End at: 2019-09-18 10:28:51
Local clock offset: -6.286 ms
Remote clock offset: -19.392 ms

# Below is generated by plot.py at 2019-09-18 11:46:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.96 Mbit/s
95th percentile per-packet one-way delay: 101.721 ms
Loss rate: 19.56%
-- Flow 1:
Average throughput: 59.98 Mbit/s
95th percentile per-packet one-way delay: 101.844 ms
Loss rate: 14.59%
-- Flow 2:
Average throughput: 34.68 Mbit/s
95th percentile per-packet one-way delay: 100.310 ms
Loss rate: 29.81%
-- Flow 3:
Average throughput: 29.87 Mbit/s
95th percentile per-packet one-way delay: 101.903 ms
Loss rate: 20.51%
```

Run 3: Report of FillP — Data Link

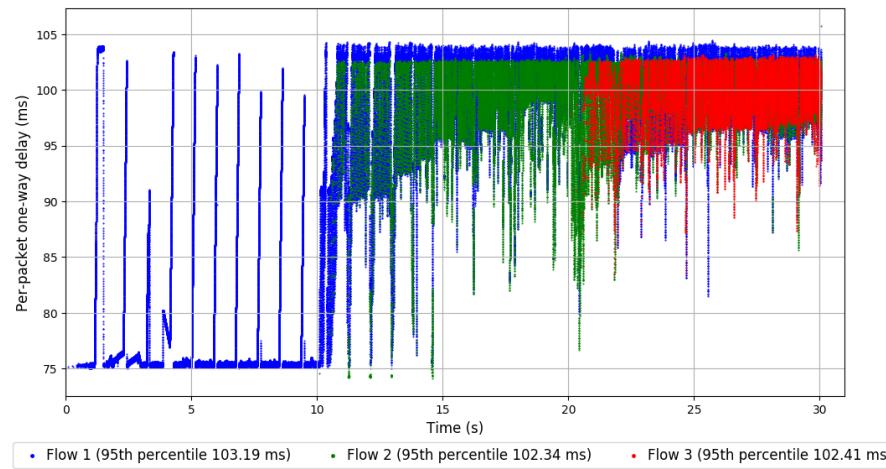
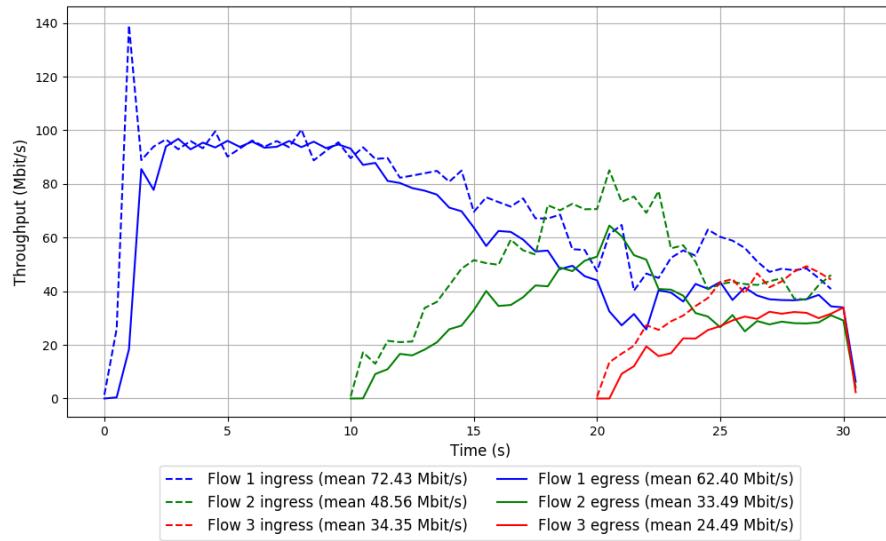


Run 4: Statistics of FillP

```
Start at: 2019-09-18 10:59:00
End at: 2019-09-18 10:59:30
Local clock offset: -5.6 ms
Remote clock offset: -20.569 ms

# Below is generated by plot.py at 2019-09-18 11:46:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.80 Mbit/s
95th percentile per-packet one-way delay: 103.037 ms
Loss rate: 20.02%
-- Flow 1:
Average throughput: 62.40 Mbit/s
95th percentile per-packet one-way delay: 103.192 ms
Loss rate: 13.78%
-- Flow 2:
Average throughput: 33.49 Mbit/s
95th percentile per-packet one-way delay: 102.338 ms
Loss rate: 30.93%
-- Flow 3:
Average throughput: 24.49 Mbit/s
95th percentile per-packet one-way delay: 102.406 ms
Loss rate: 28.75%
```

Run 4: Report of FillP — Data Link

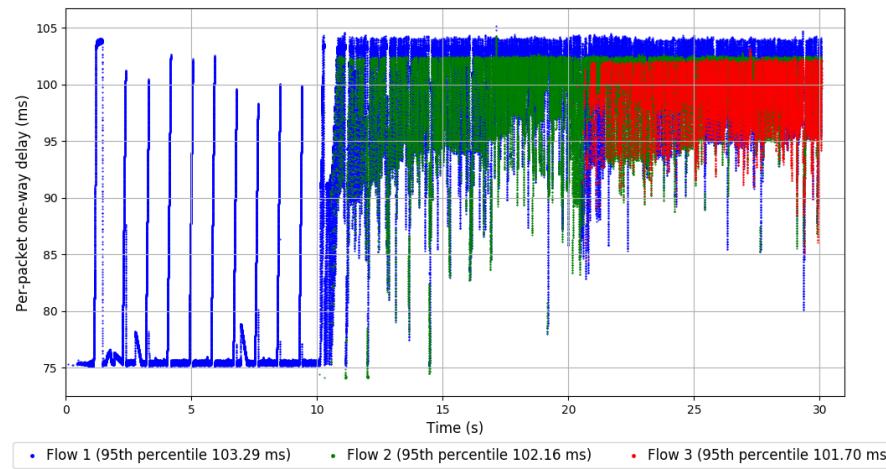
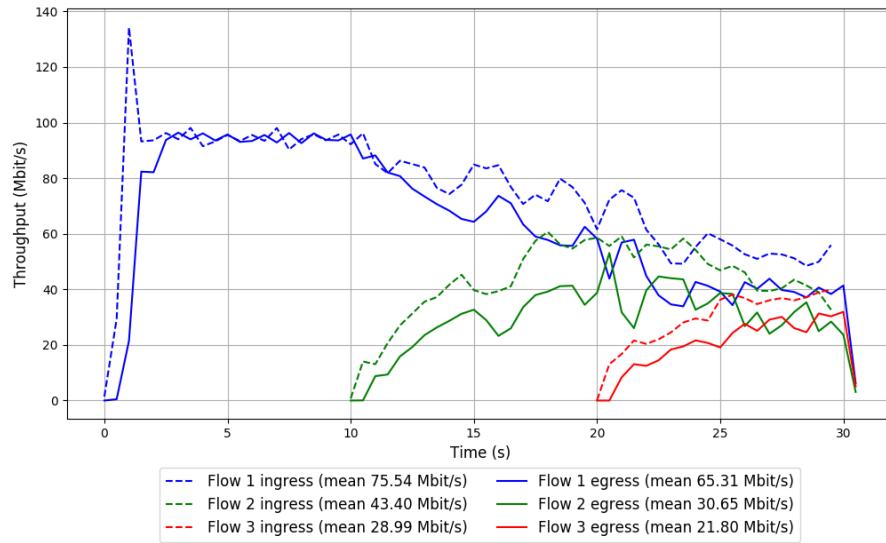


Run 5: Statistics of FillP

```
Start at: 2019-09-18 11:29:31
End at: 2019-09-18 11:30:01
Local clock offset: -4.18 ms
Remote clock offset: -23.777 ms

# Below is generated by plot.py at 2019-09-18 11:46:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.91 Mbit/s
95th percentile per-packet one-way delay: 103.171 ms
Loss rate: 18.43%
-- Flow 1:
Average throughput: 65.31 Mbit/s
95th percentile per-packet one-way delay: 103.294 ms
Loss rate: 13.47%
-- Flow 2:
Average throughput: 30.65 Mbit/s
95th percentile per-packet one-way delay: 102.162 ms
Loss rate: 29.31%
-- Flow 3:
Average throughput: 21.80 Mbit/s
95th percentile per-packet one-way delay: 101.696 ms
Loss rate: 24.78%
```

Run 5: Report of FillP — Data Link

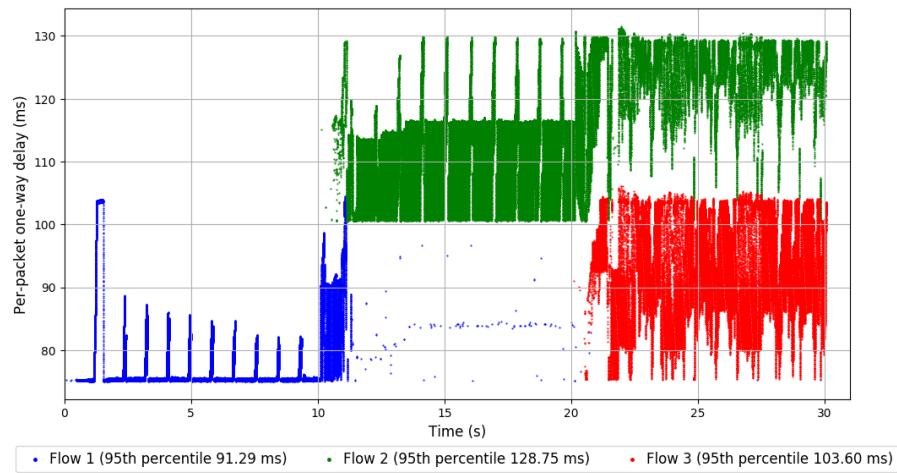
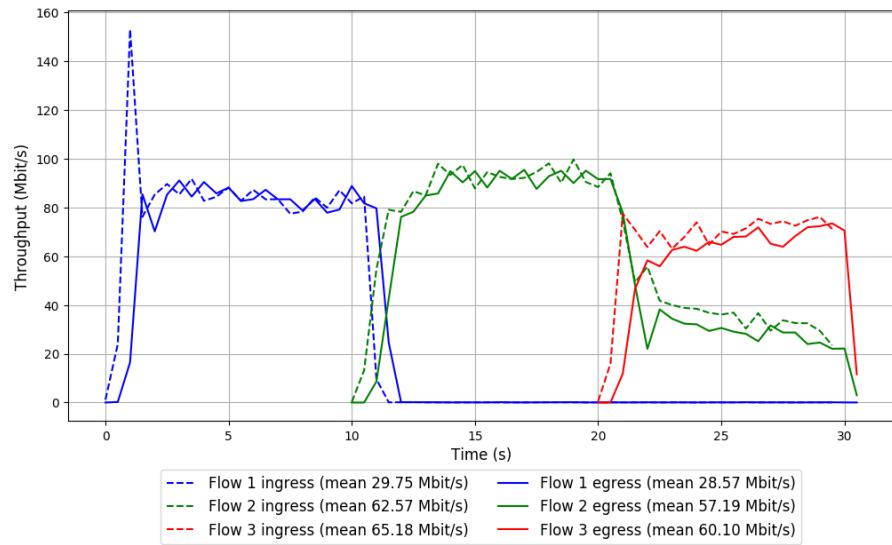


Run 1: Statistics of FillP-Sheep

```
Start at: 2019-09-18 09:31:24
End at: 2019-09-18 09:31:54
Local clock offset: 3.903 ms
Remote clock offset: -13.877 ms

# Below is generated by plot.py at 2019-09-18 11:46:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.53 Mbit/s
95th percentile per-packet one-way delay: 126.929 ms
Loss rate: 6.87%
-- Flow 1:
Average throughput: 28.57 Mbit/s
95th percentile per-packet one-way delay: 91.294 ms
Loss rate: 3.89%
-- Flow 2:
Average throughput: 57.19 Mbit/s
95th percentile per-packet one-way delay: 128.751 ms
Loss rate: 8.57%
-- Flow 3:
Average throughput: 60.10 Mbit/s
95th percentile per-packet one-way delay: 103.597 ms
Loss rate: 7.70%
```

Run 1: Report of FillP-Sheep — Data Link

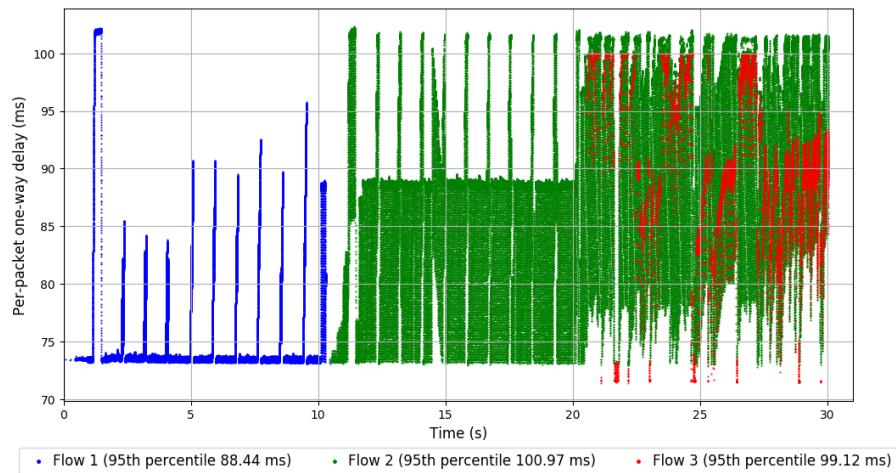
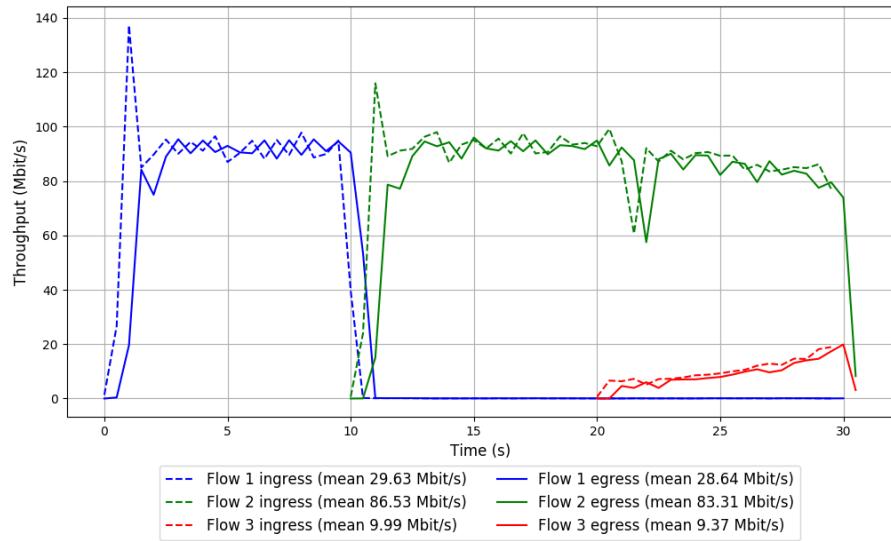


Run 2: Statistics of FillP-Sheep

```
Start at: 2019-09-18 10:01:48
End at: 2019-09-18 10:02:18
Local clock offset: 4.77 ms
Remote clock offset: -17.306 ms

# Below is generated by plot.py at 2019-09-18 11:46:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.09 Mbit/s
95th percentile per-packet one-way delay: 100.700 ms
Loss rate: 3.58%
-- Flow 1:
Average throughput: 28.64 Mbit/s
95th percentile per-packet one-way delay: 88.445 ms
Loss rate: 3.26%
-- Flow 2:
Average throughput: 83.31 Mbit/s
95th percentile per-packet one-way delay: 100.968 ms
Loss rate: 3.59%
-- Flow 3:
Average throughput: 9.37 Mbit/s
95th percentile per-packet one-way delay: 99.124 ms
Loss rate: 6.23%
```

Run 2: Report of FillP-Sheep — Data Link

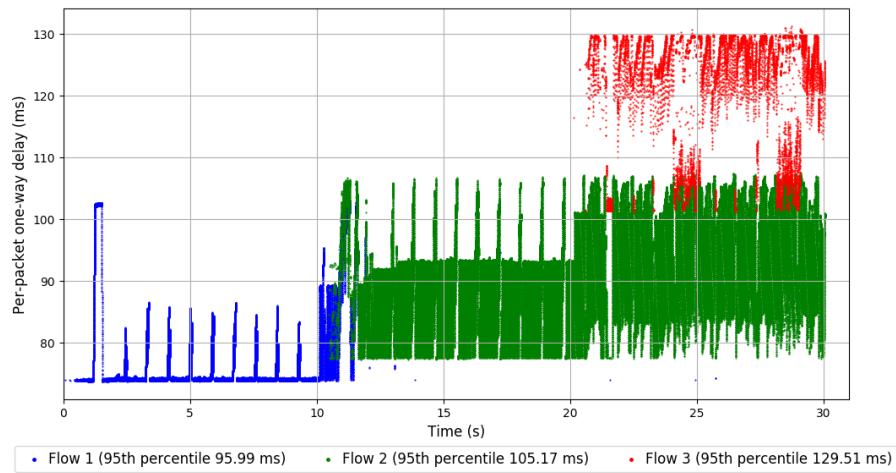
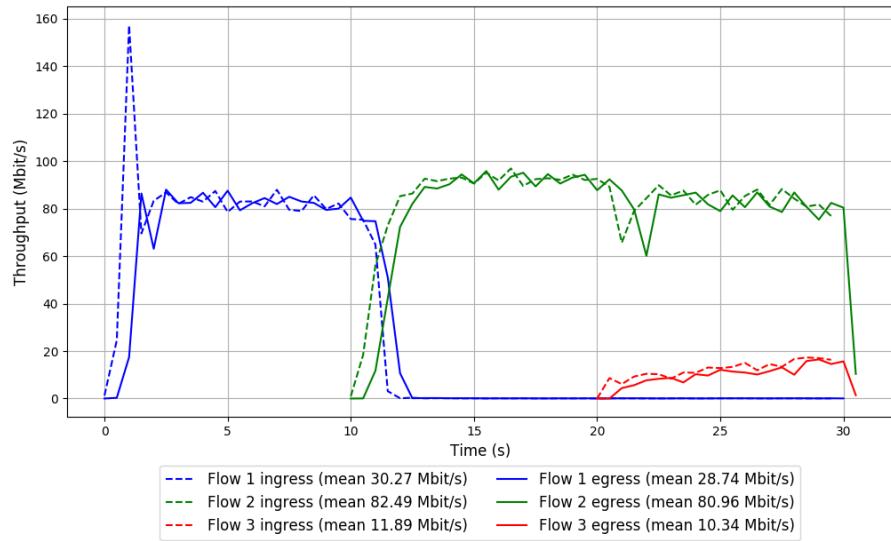


Run 3: Statistics of FillP-Sheep

```
Start at: 2019-09-18 10:32:22
End at: 2019-09-18 10:32:52
Local clock offset: -6.929 ms
Remote clock offset: -18.924 ms

# Below is generated by plot.py at 2019-09-18 11:47:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.86 Mbit/s
95th percentile per-packet one-way delay: 105.662 ms
Loss rate: 3.37%
-- Flow 1:
Average throughput: 28.74 Mbit/s
95th percentile per-packet one-way delay: 95.991 ms
Loss rate: 4.99%
-- Flow 2:
Average throughput: 80.96 Mbit/s
95th percentile per-packet one-way delay: 105.169 ms
Loss rate: 1.76%
-- Flow 3:
Average throughput: 10.34 Mbit/s
95th percentile per-packet one-way delay: 129.514 ms
Loss rate: 13.40%
```

Run 3: Report of FillP-Sheep — Data Link

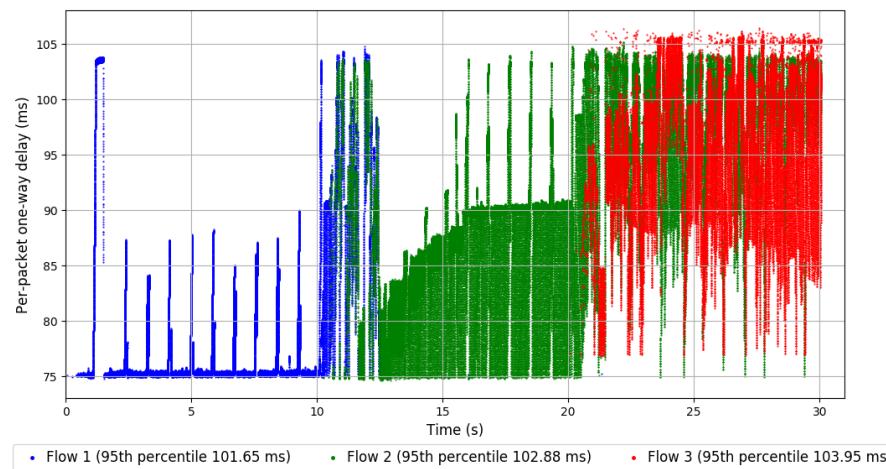
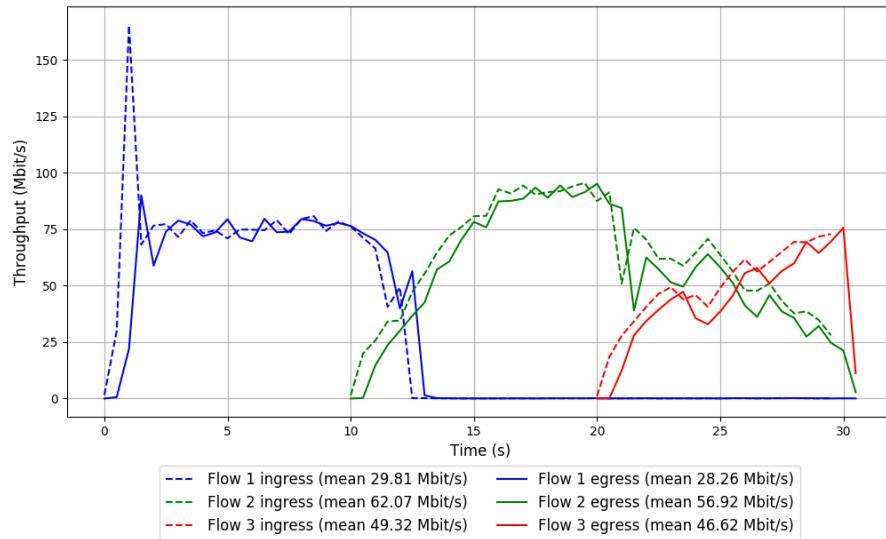


Run 4: Statistics of FillP-Sheep

```
Start at: 2019-09-18 11:02:52
End at: 2019-09-18 11:03:22
Local clock offset: -5.797 ms
Remote clock offset: -20.456 ms

# Below is generated by plot.py at 2019-09-18 11:47:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 81.64 Mbit/s
95th percentile per-packet one-way delay: 102.956 ms
Loss rate: 6.59%
-- Flow 1:
Average throughput: 28.26 Mbit/s
95th percentile per-packet one-way delay: 101.646 ms
Loss rate: 5.14%
-- Flow 2:
Average throughput: 56.92 Mbit/s
95th percentile per-packet one-way delay: 102.879 ms
Loss rate: 8.18%
-- Flow 3:
Average throughput: 46.62 Mbit/s
95th percentile per-packet one-way delay: 103.951 ms
Loss rate: 5.22%
```

Run 4: Report of FillP-Sheep — Data Link

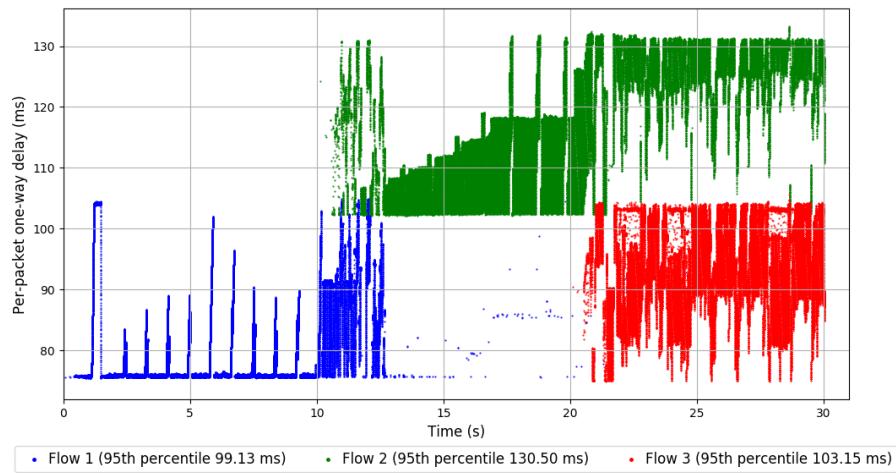
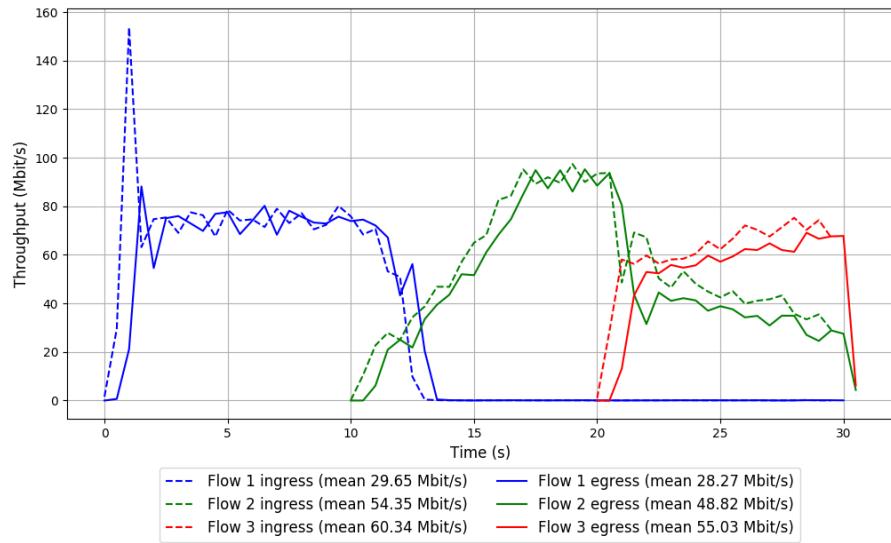


Run 5: Statistics of FillP-Sheep

```
Start at: 2019-09-18 11:33:22
End at: 2019-09-18 11:33:52
Local clock offset: -4.365 ms
Remote clock offset: -22.689 ms

# Below is generated by plot.py at 2019-09-18 11:47:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.88 Mbit/s
95th percentile per-packet one-way delay: 129.092 ms
Loss rate: 7.96%
-- Flow 1:
Average throughput: 28.27 Mbit/s
95th percentile per-packet one-way delay: 99.132 ms
Loss rate: 4.57%
-- Flow 2:
Average throughput: 48.82 Mbit/s
95th percentile per-packet one-way delay: 130.496 ms
Loss rate: 10.25%
-- Flow 3:
Average throughput: 55.03 Mbit/s
95th percentile per-packet one-way delay: 103.153 ms
Loss rate: 8.83%
```

Run 5: Report of FillP-Sheep — Data Link

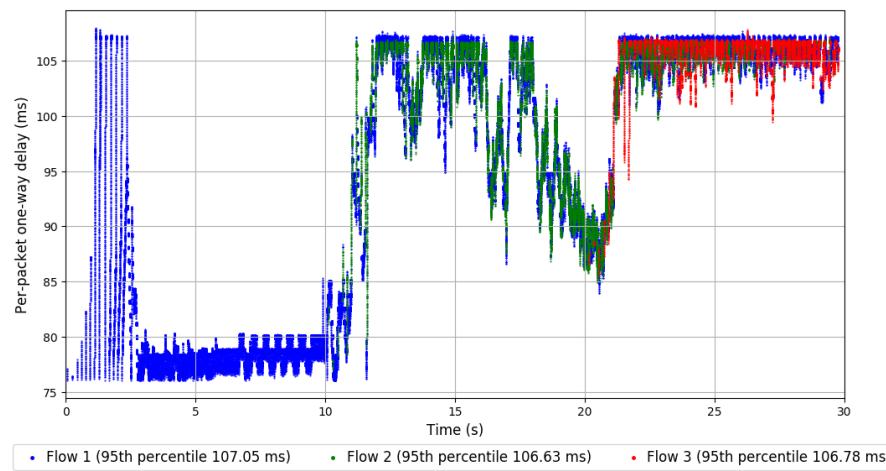
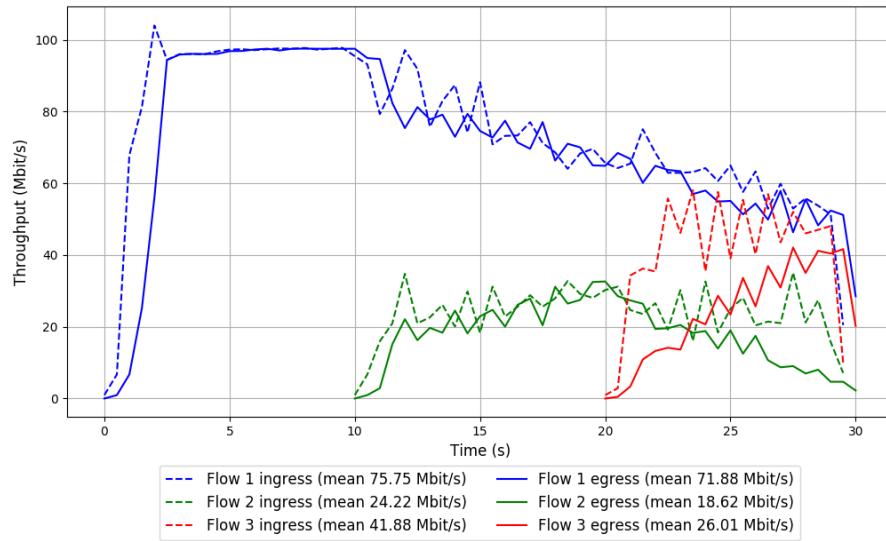


Run 1: Statistics of Indigo

```
Start at: 2019-09-18 09:32:41
End at: 2019-09-18 09:33:11
Local clock offset: 4.005 ms
Remote clock offset: -13.321 ms

# Below is generated by plot.py at 2019-09-18 11:47:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.49 Mbit/s
95th percentile per-packet one-way delay: 106.952 ms
Loss rate: 11.94%
-- Flow 1:
Average throughput: 71.88 Mbit/s
95th percentile per-packet one-way delay: 107.052 ms
Loss rate: 5.00%
-- Flow 2:
Average throughput: 18.62 Mbit/s
95th percentile per-packet one-way delay: 106.629 ms
Loss rate: 23.01%
-- Flow 3:
Average throughput: 26.01 Mbit/s
95th percentile per-packet one-way delay: 106.775 ms
Loss rate: 37.78%
```

Run 1: Report of Indigo — Data Link

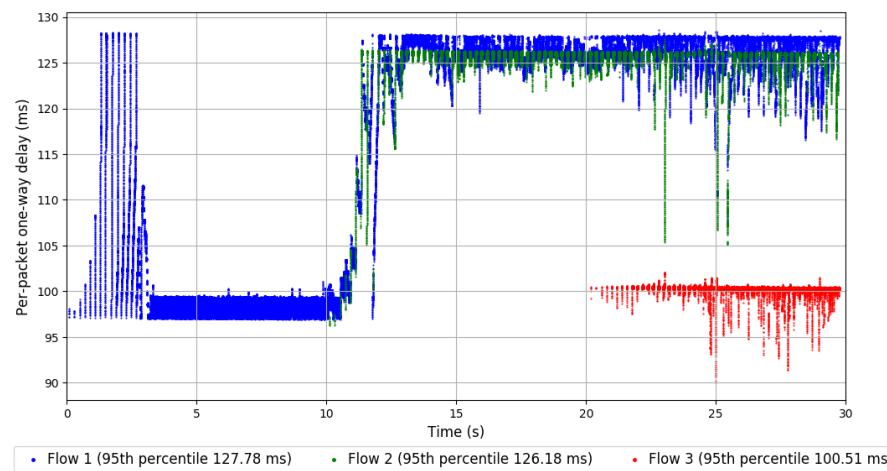
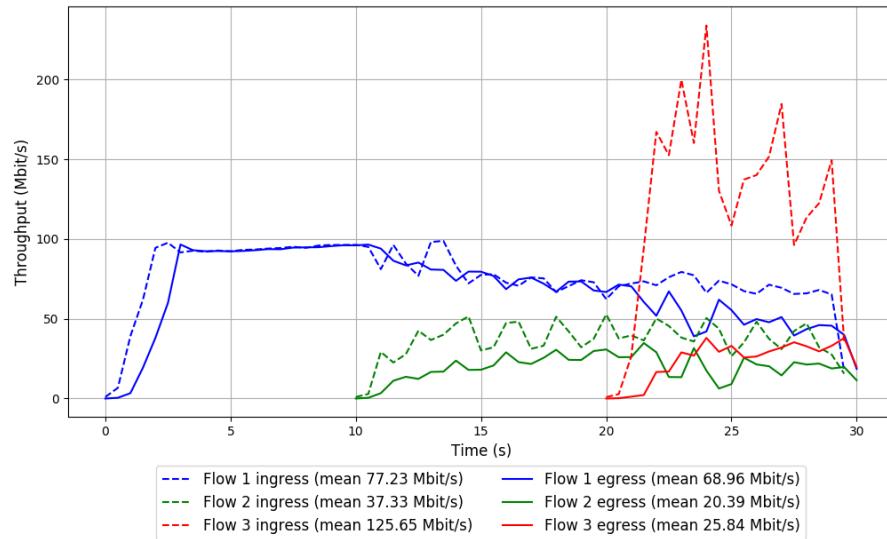


Run 2: Statistics of Indigo

```
Start at: 2019-09-18 10:03:04
End at: 2019-09-18 10:03:34
Local clock offset: 2.758 ms
Remote clock offset: -20.194 ms

# Below is generated by plot.py at 2019-09-18 11:47:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.77 Mbit/s
95th percentile per-packet one-way delay: 127.742 ms
Loss rate: 36.26%
-- Flow 1:
Average throughput: 68.96 Mbit/s
95th percentile per-packet one-way delay: 127.785 ms
Loss rate: 10.70%
-- Flow 2:
Average throughput: 20.39 Mbit/s
95th percentile per-packet one-way delay: 126.180 ms
Loss rate: 45.30%
-- Flow 3:
Average throughput: 25.84 Mbit/s
95th percentile per-packet one-way delay: 100.514 ms
Loss rate: 79.43%
```

Run 2: Report of Indigo — Data Link

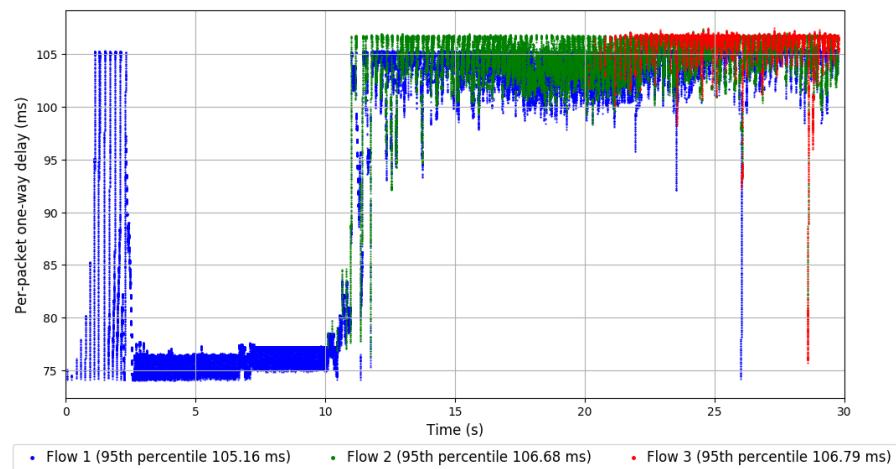
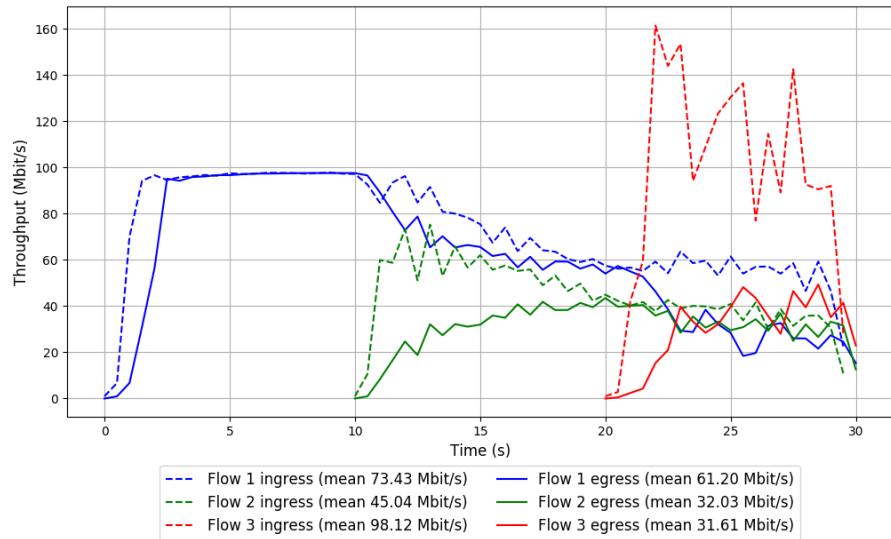


Run 3: Statistics of Indigo

```
Start at: 2019-09-18 10:33:40
End at: 2019-09-18 10:34:10
Local clock offset: -5.924 ms
Remote clock offset: -18.271 ms

# Below is generated by plot.py at 2019-09-18 11:47:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.55 Mbit/s
95th percentile per-packet one-way delay: 106.667 ms
Loss rate: 31.34%
-- Flow 1:
Average throughput: 61.20 Mbit/s
95th percentile per-packet one-way delay: 105.158 ms
Loss rate: 16.57%
-- Flow 2:
Average throughput: 32.03 Mbit/s
95th percentile per-packet one-way delay: 106.682 ms
Loss rate: 28.86%
-- Flow 3:
Average throughput: 31.61 Mbit/s
95th percentile per-packet one-way delay: 106.786 ms
Loss rate: 67.78%
```

Run 3: Report of Indigo — Data Link

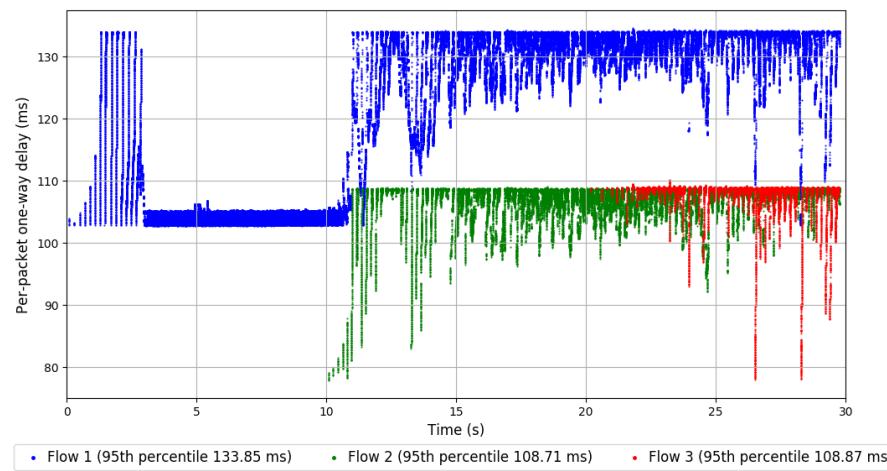
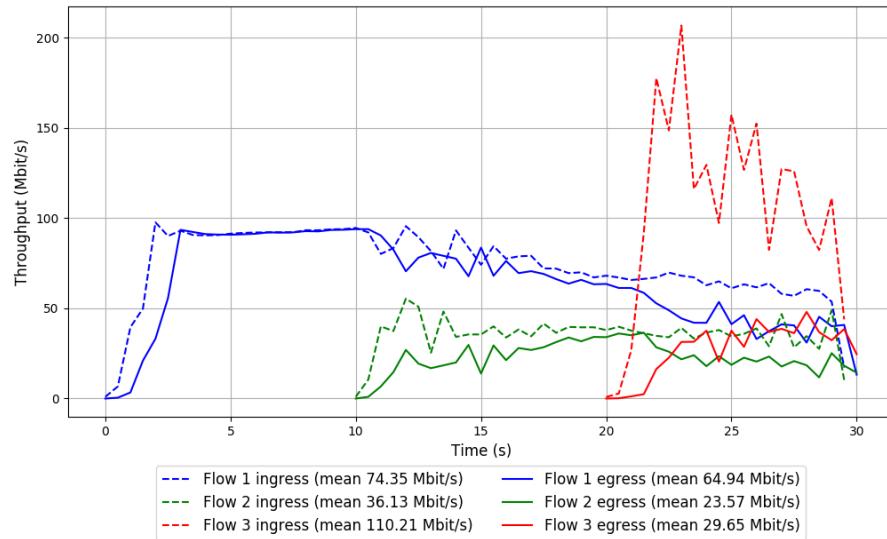


Run 4: Statistics of Indigo

```
Start at: 2019-09-18 11:04:08
End at: 2019-09-18 11:04:38
Local clock offset: -5.518 ms
Remote clock offset: -19.999 ms

# Below is generated by plot.py at 2019-09-18 11:47:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.11 Mbit/s
95th percentile per-packet one-way delay: 133.803 ms
Loss rate: 32.61%
-- Flow 1:
Average throughput: 64.94 Mbit/s
95th percentile per-packet one-way delay: 133.855 ms
Loss rate: 12.64%
-- Flow 2:
Average throughput: 23.57 Mbit/s
95th percentile per-packet one-way delay: 108.706 ms
Loss rate: 34.68%
-- Flow 3:
Average throughput: 29.65 Mbit/s
95th percentile per-packet one-way delay: 108.871 ms
Loss rate: 73.09%
```

Run 4: Report of Indigo — Data Link

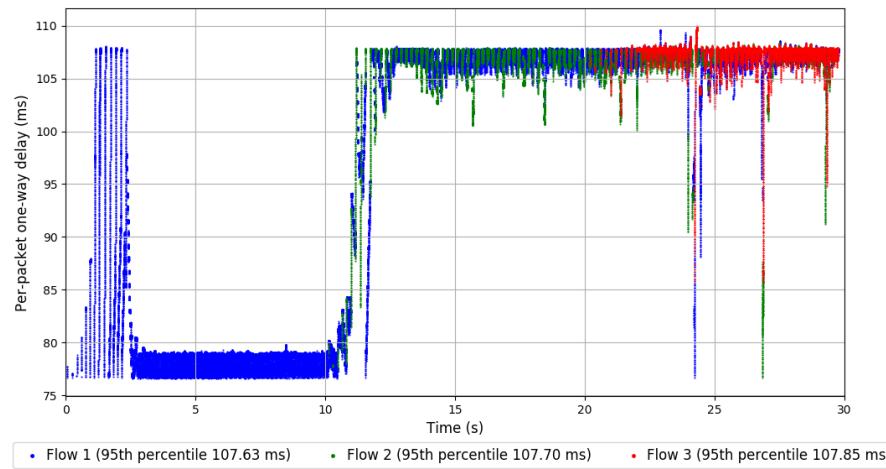
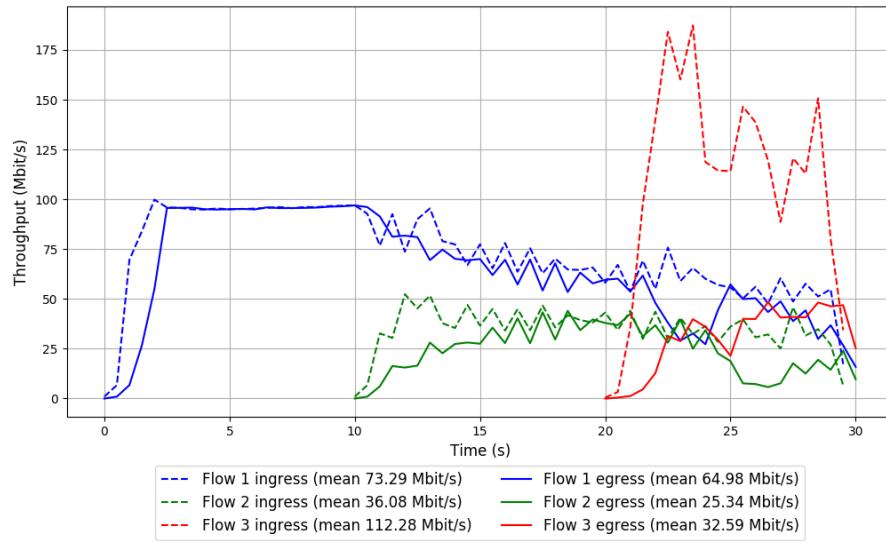


Run 5: Statistics of Indigo

```
Start at: 2019-09-18 11:34:39
End at: 2019-09-18 11:35:09
Local clock offset: -4.528 ms
Remote clock offset: -22.852 ms

# Below is generated by plot.py at 2019-09-18 11:48:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.18 Mbit/s
95th percentile per-packet one-way delay: 107.732 ms
Loss rate: 30.77%
-- Flow 1:
Average throughput: 64.98 Mbit/s
95th percentile per-packet one-way delay: 107.628 ms
Loss rate: 11.26%
-- Flow 2:
Average throughput: 25.34 Mbit/s
95th percentile per-packet one-way delay: 107.700 ms
Loss rate: 29.68%
-- Flow 3:
Average throughput: 32.59 Mbit/s
95th percentile per-packet one-way delay: 107.854 ms
Loss rate: 70.97%
```

Run 5: Report of Indigo — Data Link

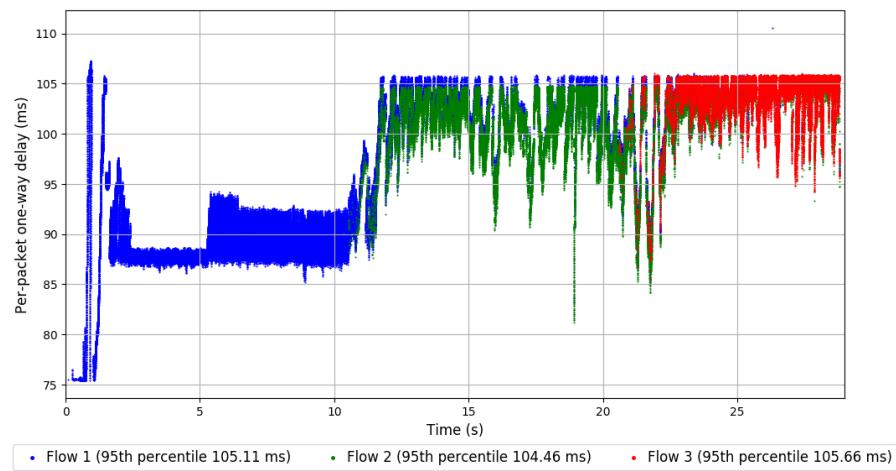
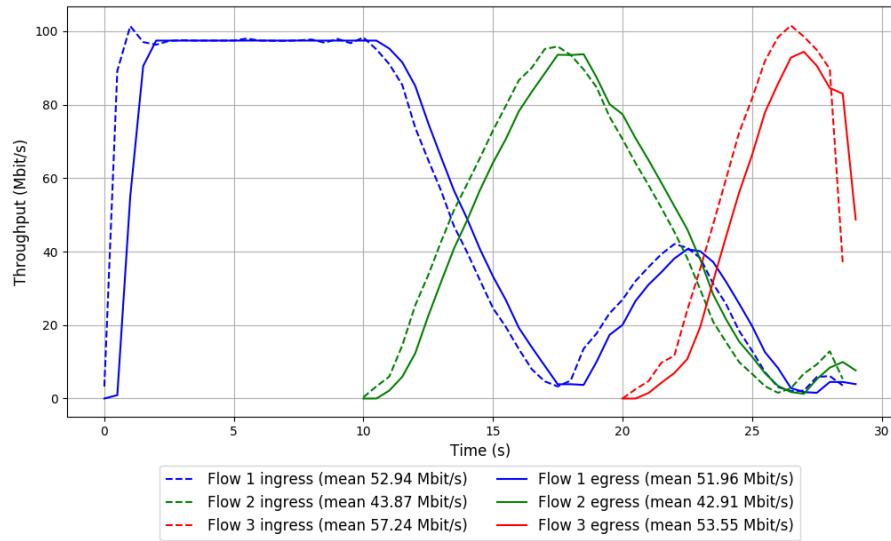


Run 1: Statistics of Indigo-MusesC3

```
Start at: 2019-09-18 09:16:14
End at: 2019-09-18 09:16:44
Local clock offset: 1.601 ms
Remote clock offset: -12.825 ms

# Below is generated by plot.py at 2019-09-18 11:48:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.18 Mbit/s
95th percentile per-packet one-way delay: 105.421 ms
Loss rate: 2.68%
-- Flow 1:
Average throughput: 51.96 Mbit/s
95th percentile per-packet one-way delay: 105.114 ms
Loss rate: 1.77%
-- Flow 2:
Average throughput: 42.91 Mbit/s
95th percentile per-packet one-way delay: 104.462 ms
Loss rate: 2.15%
-- Flow 3:
Average throughput: 53.55 Mbit/s
95th percentile per-packet one-way delay: 105.661 ms
Loss rate: 6.47%
```

Run 1: Report of Indigo-MusesC3 — Data Link

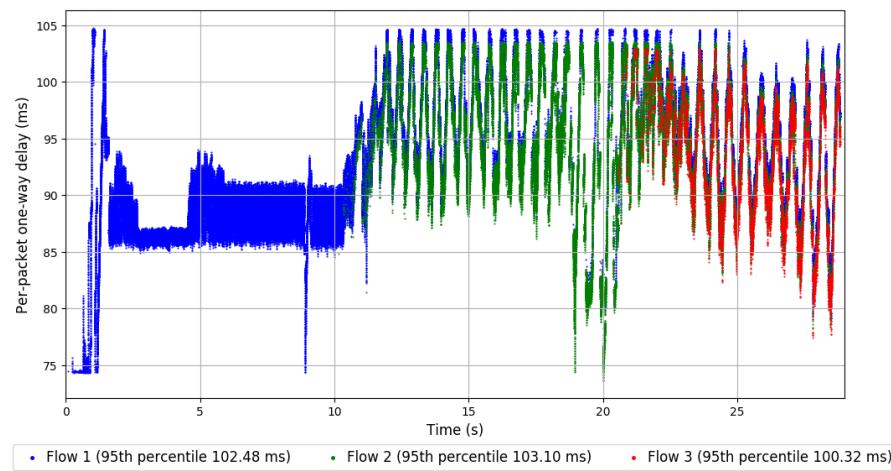
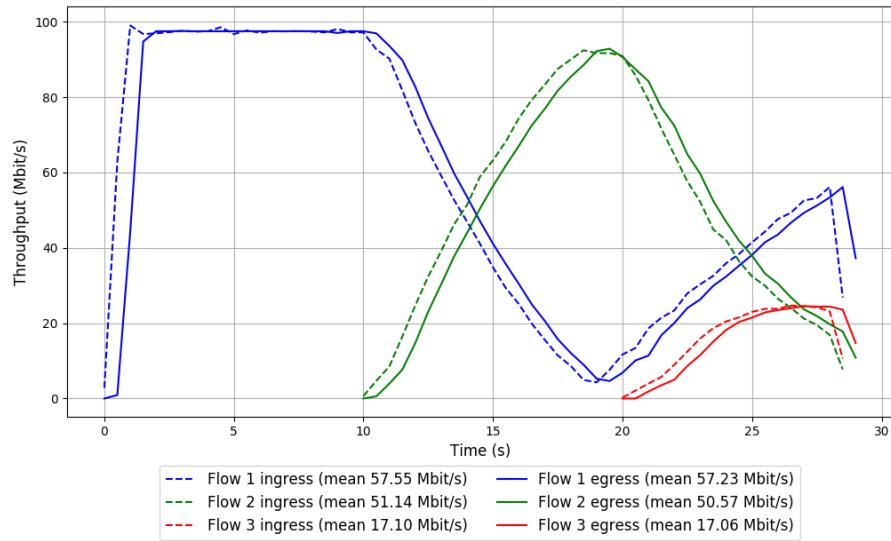


Run 2: Statistics of Indigo-MusesC3

```
Start at: 2019-09-18 09:46:39
End at: 2019-09-18 09:47:09
Local clock offset: 5.002 ms
Remote clock offset: -15.601 ms

# Below is generated by plot.py at 2019-09-18 11:48:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.05 Mbit/s
95th percentile per-packet one-way delay: 102.949 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 57.23 Mbit/s
95th percentile per-packet one-way delay: 102.477 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 50.57 Mbit/s
95th percentile per-packet one-way delay: 103.096 ms
Loss rate: 1.07%
-- Flow 3:
Average throughput: 17.06 Mbit/s
95th percentile per-packet one-way delay: 100.323 ms
Loss rate: 0.11%
```

Run 2: Report of Indigo-MusesC3 — Data Link

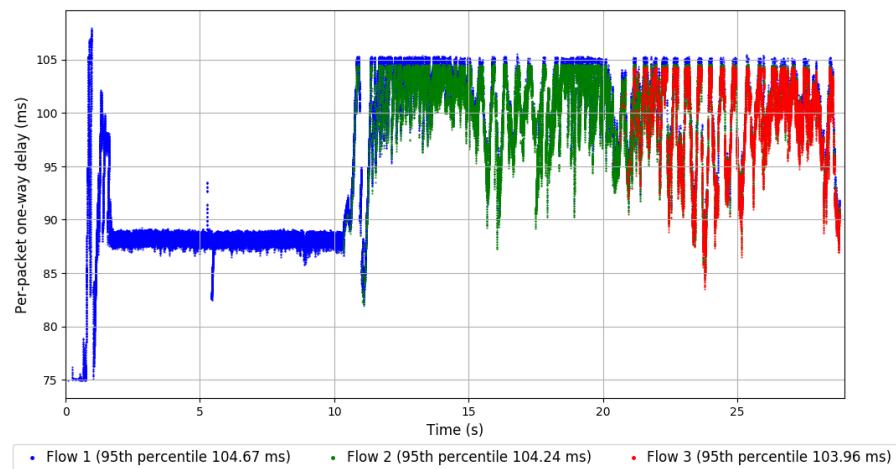
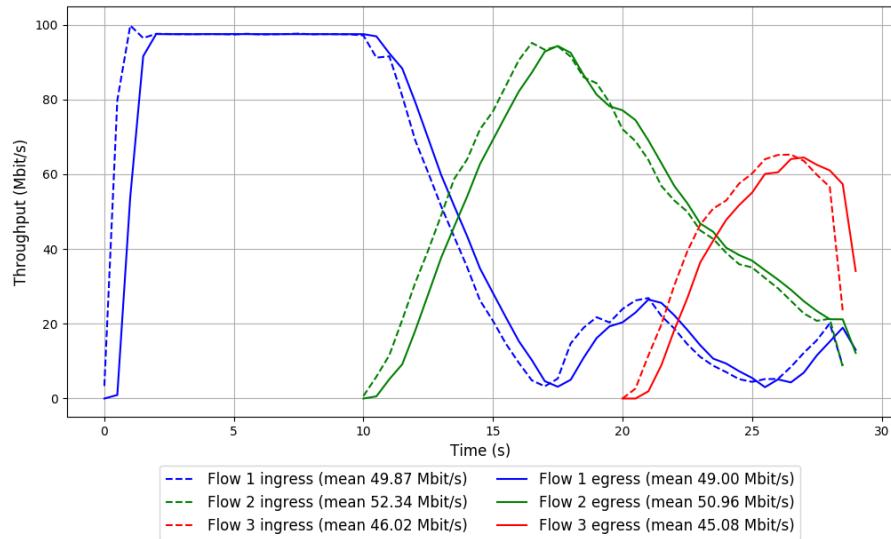


Run 3: Statistics of Indigo-MusesC3

```
Start at: 2019-09-18 10:17:03
End at: 2019-09-18 10:17:33
Local clock offset: -3.955 ms
Remote clock offset: -16.584 ms

# Below is generated by plot.py at 2019-09-18 11:48:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.17 Mbit/s
95th percentile per-packet one-way delay: 104.284 ms
Loss rate: 2.08%
-- Flow 1:
Average throughput: 49.00 Mbit/s
95th percentile per-packet one-way delay: 104.671 ms
Loss rate: 1.70%
-- Flow 2:
Average throughput: 50.96 Mbit/s
95th percentile per-packet one-way delay: 104.242 ms
Loss rate: 2.62%
-- Flow 3:
Average throughput: 45.08 Mbit/s
95th percentile per-packet one-way delay: 103.964 ms
Loss rate: 2.10%
```

Run 3: Report of Indigo-MusesC3 — Data Link

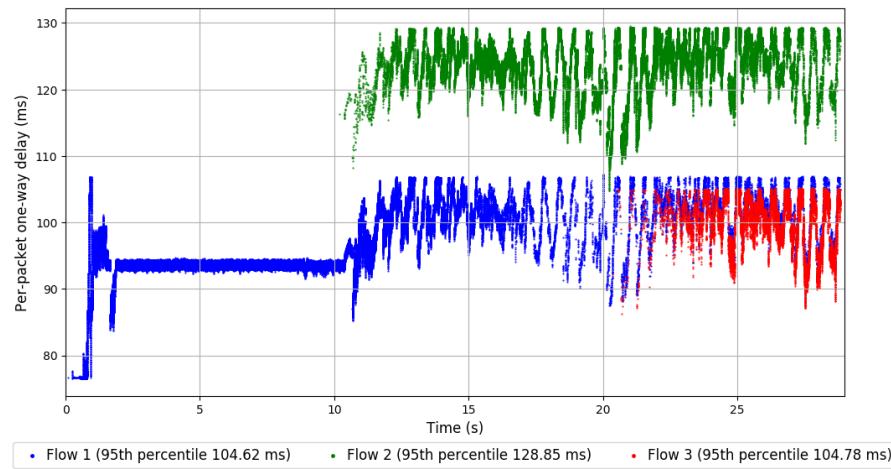
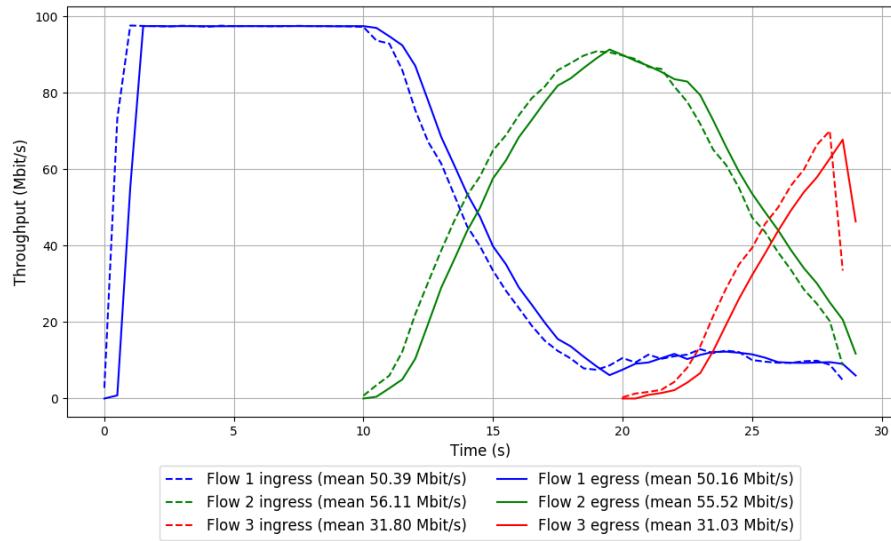


Run 4: Statistics of Indigo-MusesC3

```
Start at: 2019-09-18 10:47:42
End at: 2019-09-18 10:48:12
Local clock offset: -5.098 ms
Remote clock offset: -20.103 ms

# Below is generated by plot.py at 2019-09-18 11:48:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.30 Mbit/s
95th percentile per-packet one-way delay: 127.866 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 50.16 Mbit/s
95th percentile per-packet one-way delay: 104.616 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 55.52 Mbit/s
95th percentile per-packet one-way delay: 128.849 ms
Loss rate: 1.11%
-- Flow 3:
Average throughput: 31.03 Mbit/s
95th percentile per-packet one-way delay: 104.777 ms
Loss rate: 2.31%
```

Run 4: Report of Indigo-MusesC3 — Data Link

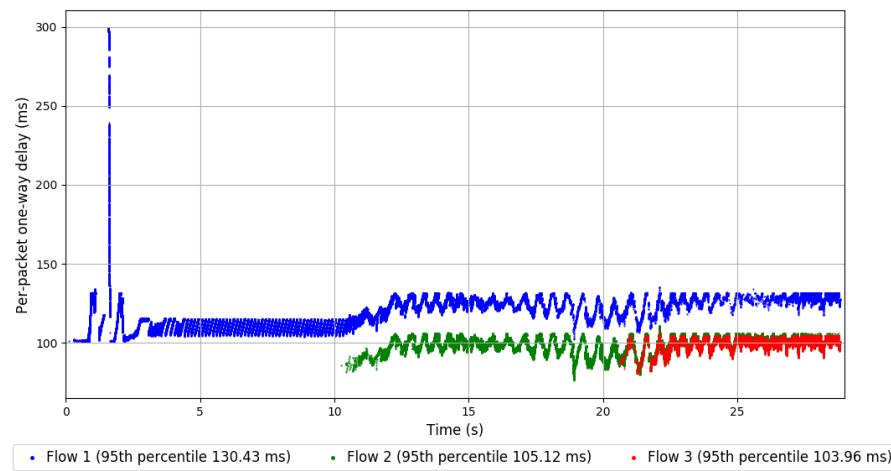
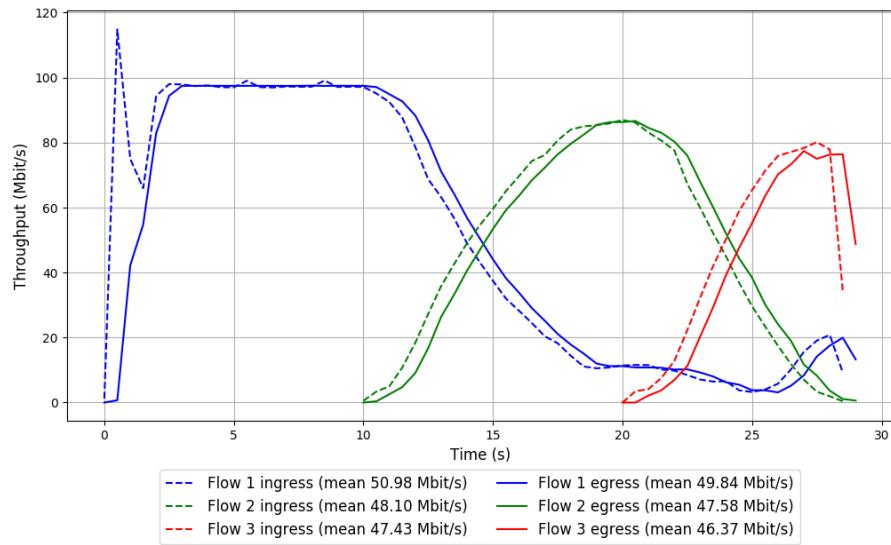


Run 5: Statistics of Indigo-MusesC3

```
Start at: 2019-09-18 11:18:07
End at: 2019-09-18 11:18:37
Local clock offset: -3.421 ms
Remote clock offset: -22.046 ms

# Below is generated by plot.py at 2019-09-18 11:48:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.10 Mbit/s
95th percentile per-packet one-way delay: 128.406 ms
Loss rate: 1.83%
-- Flow 1:
Average throughput: 49.84 Mbit/s
95th percentile per-packet one-way delay: 130.434 ms
Loss rate: 2.24%
-- Flow 2:
Average throughput: 47.58 Mbit/s
95th percentile per-packet one-way delay: 105.119 ms
Loss rate: 1.00%
-- Flow 3:
Average throughput: 46.37 Mbit/s
95th percentile per-packet one-way delay: 103.962 ms
Loss rate: 2.20%
```

Run 5: Report of Indigo-MusesC3 — Data Link

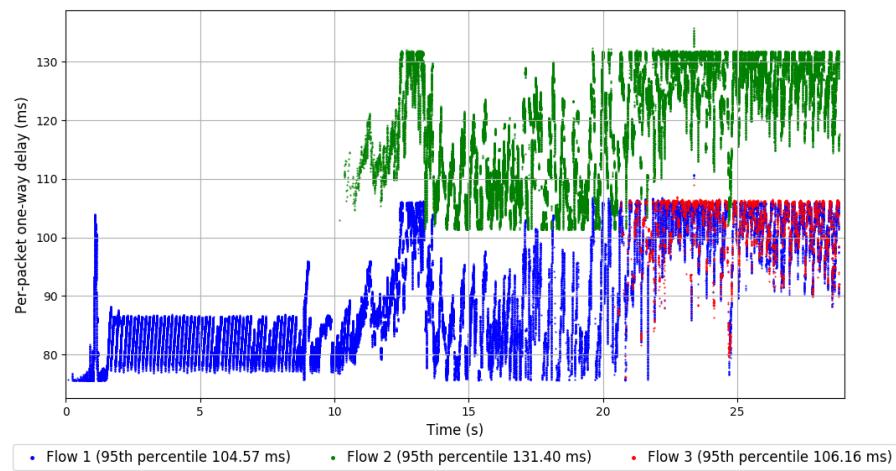
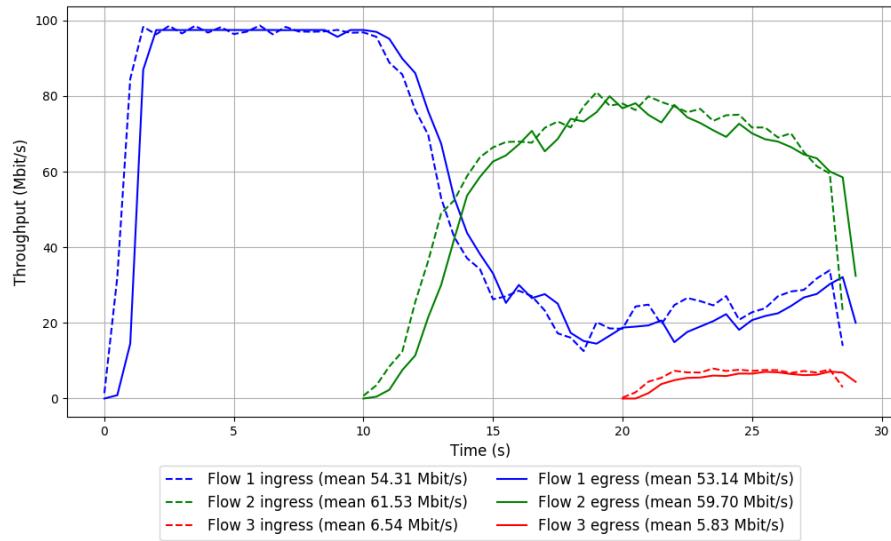


```
Run 1: Statistics of Indigo-MusesC5
```

```
Start at: 2019-09-18 09:25:03
End at: 2019-09-18 09:25:33
Local clock offset: 3.355 ms
Remote clock offset: -12.649 ms

# Below is generated by plot.py at 2019-09-18 11:48:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.53 Mbit/s
95th percentile per-packet one-way delay: 131.065 ms
Loss rate: 2.64%
-- Flow 1:
Average throughput: 53.14 Mbit/s
95th percentile per-packet one-way delay: 104.569 ms
Loss rate: 2.11%
-- Flow 2:
Average throughput: 59.70 Mbit/s
95th percentile per-packet one-way delay: 131.397 ms
Loss rate: 2.97%
-- Flow 3:
Average throughput: 5.83 Mbit/s
95th percentile per-packet one-way delay: 106.162 ms
Loss rate: 10.92%
```

Run 1: Report of Indigo-MusesC5 — Data Link

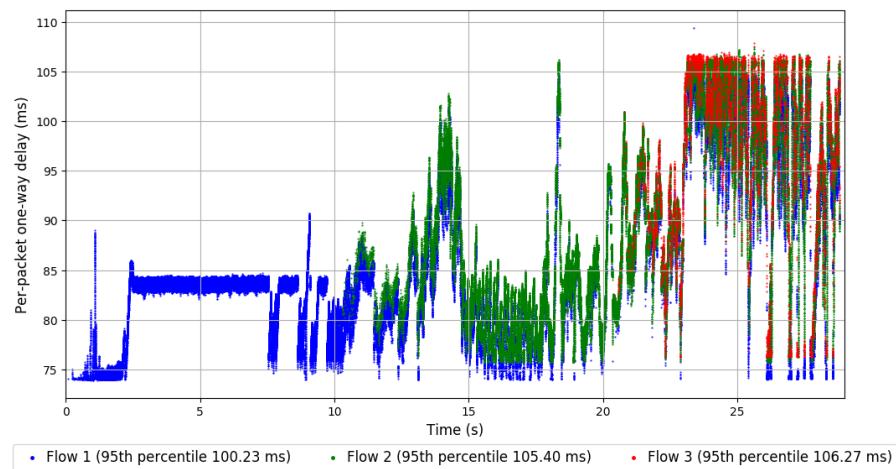
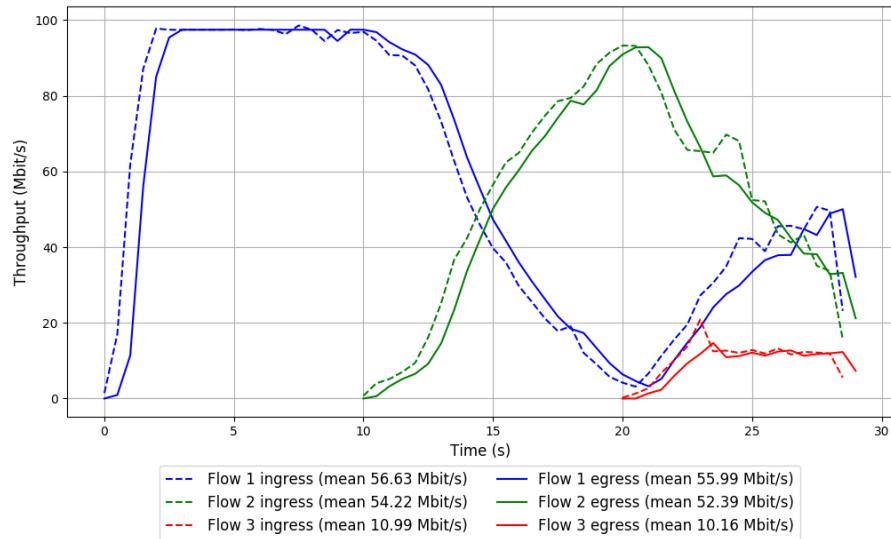


Run 2: Statistics of Indigo-MusesC5

```
Start at: 2019-09-18 09:55:27
End at: 2019-09-18 09:55:57
Local clock offset: 4.828 ms
Remote clock offset: -15.774 ms

# Below is generated by plot.py at 2019-09-18 11:48:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.97 Mbit/s
95th percentile per-packet one-way delay: 103.703 ms
Loss rate: 2.13%
-- Flow 1:
Average throughput: 55.99 Mbit/s
95th percentile per-packet one-way delay: 100.229 ms
Loss rate: 1.07%
-- Flow 2:
Average throughput: 52.39 Mbit/s
95th percentile per-packet one-way delay: 105.396 ms
Loss rate: 3.36%
-- Flow 3:
Average throughput: 10.16 Mbit/s
95th percentile per-packet one-way delay: 106.269 ms
Loss rate: 7.47%
```

Run 2: Report of Indigo-MusesC5 — Data Link

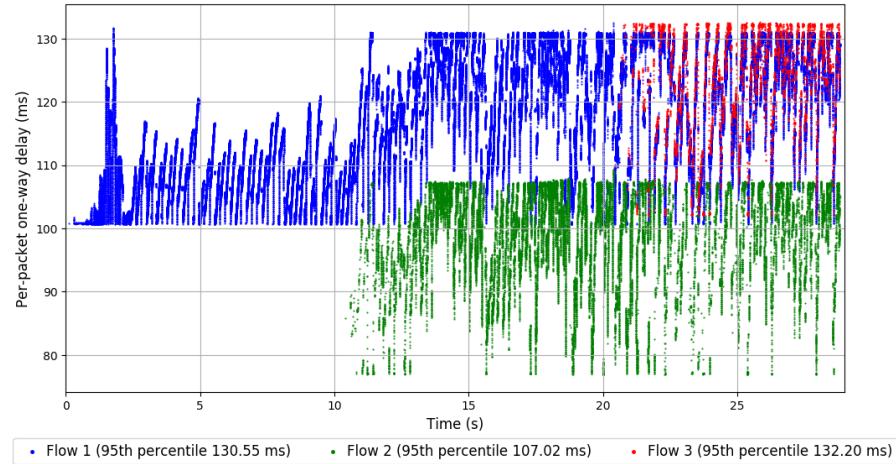
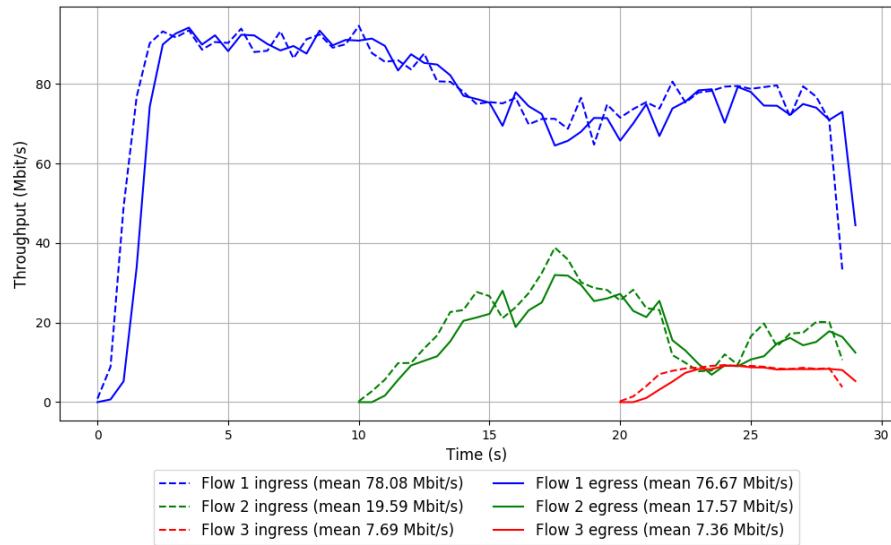


Run 3: Statistics of Indigo-MusesC5

```
Start at: 2019-09-18 10:25:52
End at: 2019-09-18 10:26:22
Local clock offset: -6.637 ms
Remote clock offset: -17.434 ms

# Below is generated by plot.py at 2019-09-18 11:49:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.09 Mbit/s
95th percentile per-packet one-way delay: 130.535 ms
Loss rate: 2.99%
-- Flow 1:
Average throughput: 76.67 Mbit/s
95th percentile per-packet one-way delay: 130.553 ms
Loss rate: 1.79%
-- Flow 2:
Average throughput: 17.57 Mbit/s
95th percentile per-packet one-way delay: 107.020 ms
Loss rate: 10.24%
-- Flow 3:
Average throughput: 7.36 Mbit/s
95th percentile per-packet one-way delay: 132.199 ms
Loss rate: 4.28%
```

Run 3: Report of Indigo-MusesC5 — Data Link

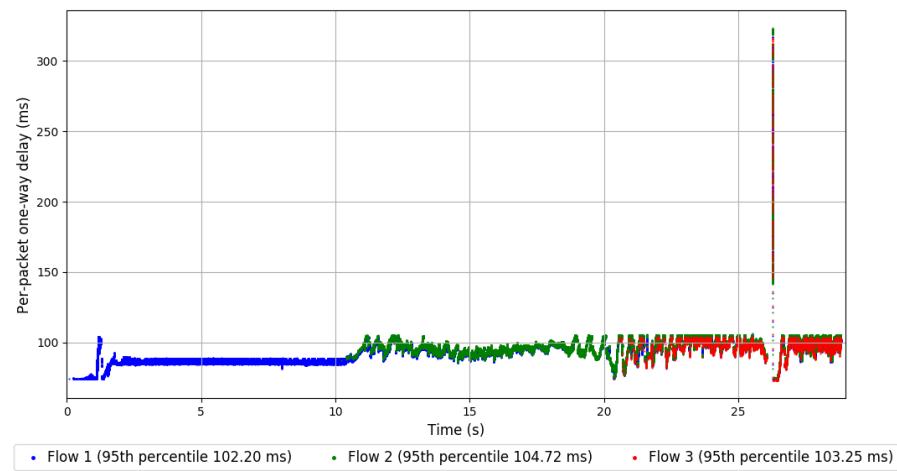
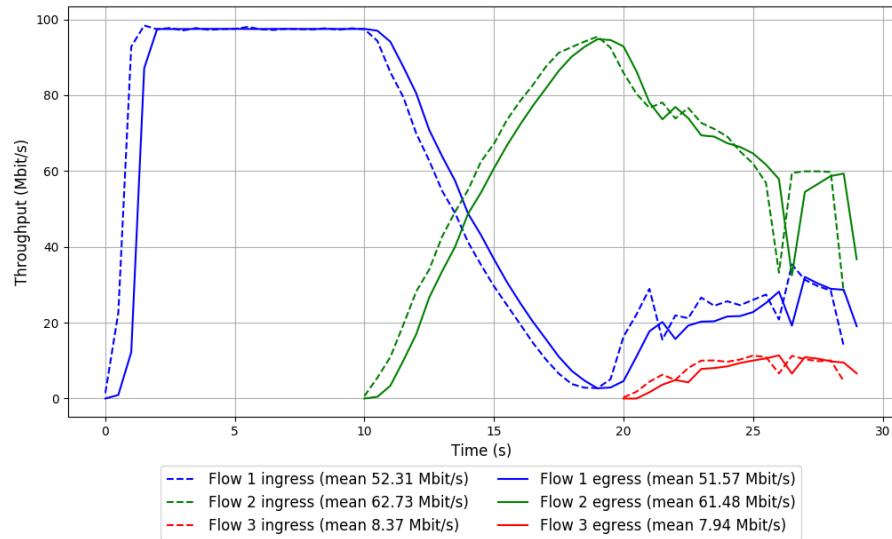


Run 4: Statistics of Indigo-MusesC5

```
Start at: 2019-09-18 10:56:31
End at: 2019-09-18 10:57:01
Local clock offset: -5.398 ms
Remote clock offset: -20.754 ms

# Below is generated by plot.py at 2019-09-18 11:49:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.68 Mbit/s
95th percentile per-packet one-way delay: 103.947 ms
Loss rate: 1.67%
-- Flow 1:
Average throughput: 51.57 Mbit/s
95th percentile per-packet one-way delay: 102.199 ms
Loss rate: 1.34%
-- Flow 2:
Average throughput: 61.48 Mbit/s
95th percentile per-packet one-way delay: 104.725 ms
Loss rate: 1.90%
-- Flow 3:
Average throughput: 7.94 Mbit/s
95th percentile per-packet one-way delay: 103.252 ms
Loss rate: 4.76%
```

Run 4: Report of Indigo-MusesC5 — Data Link

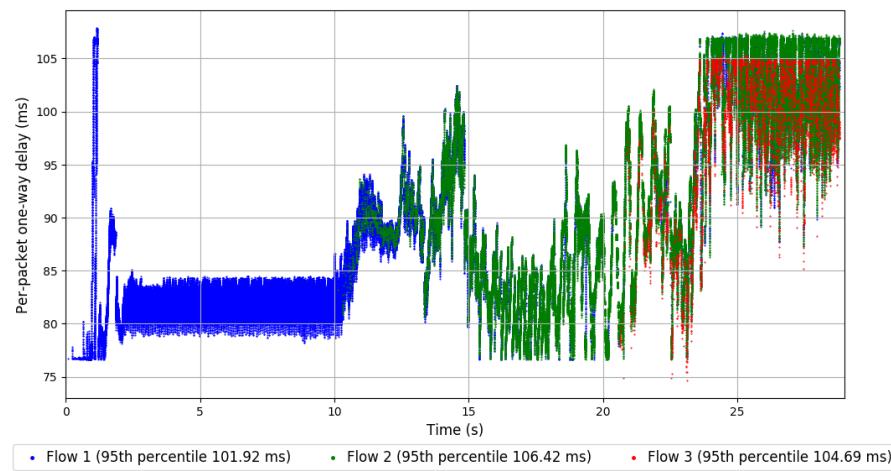
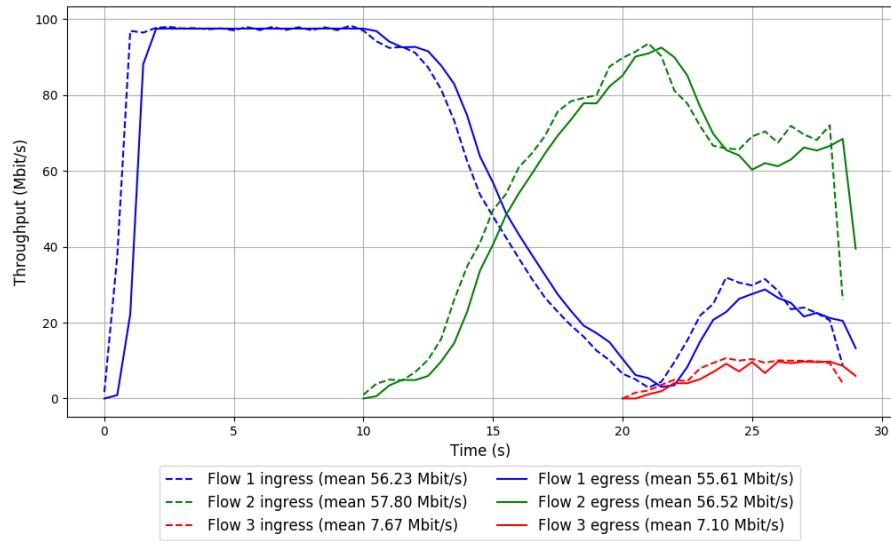


Run 5: Statistics of Indigo-MusesC5

```
Start at: 2019-09-18 11:27:01
End at: 2019-09-18 11:27:31
Local clock offset: -4.147 ms
Remote clock offset: -22.793 ms

# Below is generated by plot.py at 2019-09-18 11:49:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.39 Mbit/s
95th percentile per-packet one-way delay: 105.395 ms
Loss rate: 1.59%
-- Flow 1:
Average throughput: 55.61 Mbit/s
95th percentile per-packet one-way delay: 101.920 ms
Loss rate: 1.00%
-- Flow 2:
Average throughput: 56.52 Mbit/s
95th percentile per-packet one-way delay: 106.416 ms
Loss rate: 2.14%
-- Flow 3:
Average throughput: 7.10 Mbit/s
95th percentile per-packet one-way delay: 104.690 ms
Loss rate: 7.26%
```

Run 5: Report of Indigo-MusesC5 — Data Link

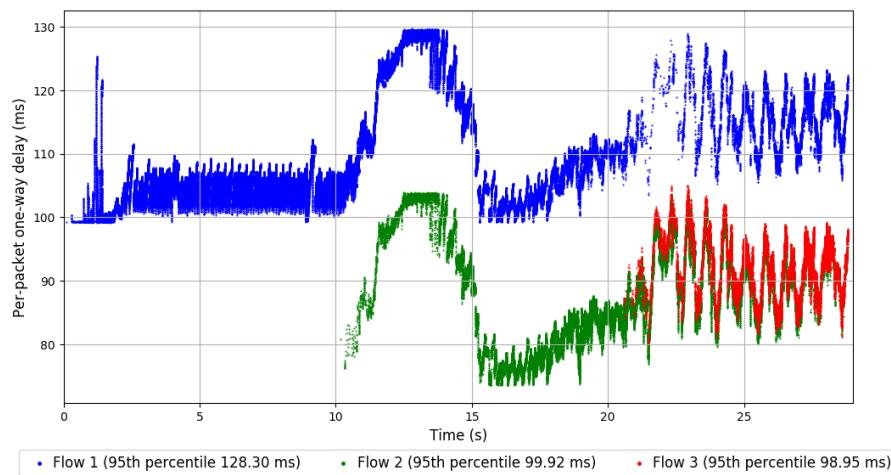
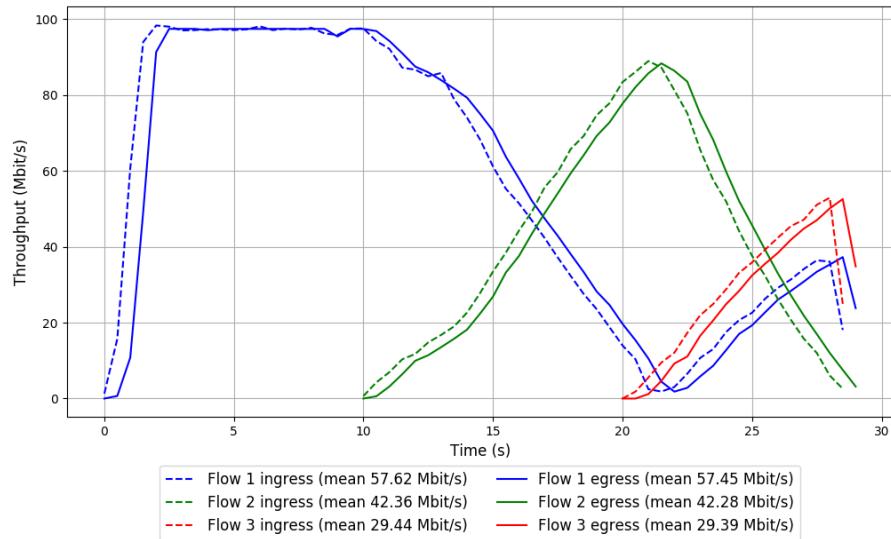


Run 1: Statistics of Indigo-MusesD

```
Start at: 2019-09-18 09:14:56
End at: 2019-09-18 09:15:26
Local clock offset: 1.344 ms
Remote clock offset: -13.158 ms

# Below is generated by plot.py at 2019-09-18 11:49:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.51 Mbit/s
95th percentile per-packet one-way delay: 125.886 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 57.45 Mbit/s
95th percentile per-packet one-way delay: 128.300 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 42.28 Mbit/s
95th percentile per-packet one-way delay: 99.917 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 29.39 Mbit/s
95th percentile per-packet one-way delay: 98.954 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo-MusesD — Data Link

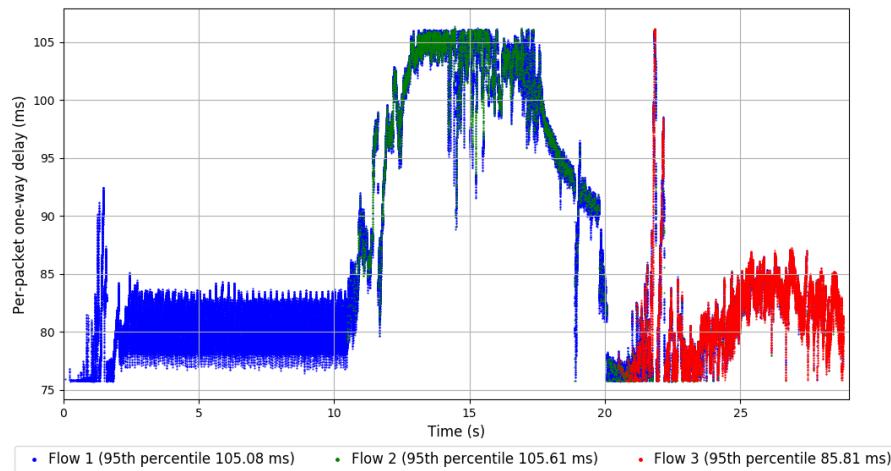
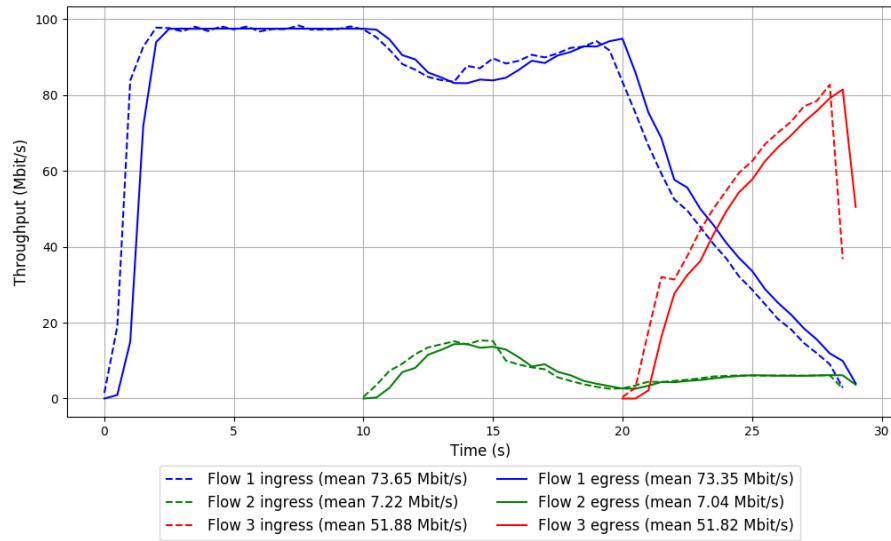


Run 2: Statistics of Indigo-MusesD

```
Start at: 2019-09-18 09:45:21
End at: 2019-09-18 09:45:51
Local clock offset: 4.901 ms
Remote clock offset: -14.14 ms

# Below is generated by plot.py at 2019-09-18 11:49:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.06 Mbit/s
95th percentile per-packet one-way delay: 105.000 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 73.35 Mbit/s
95th percentile per-packet one-way delay: 105.082 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 7.04 Mbit/s
95th percentile per-packet one-way delay: 105.608 ms
Loss rate: 2.49%
-- Flow 3:
Average throughput: 51.82 Mbit/s
95th percentile per-packet one-way delay: 85.812 ms
Loss rate: 0.11%
```

Run 2: Report of Indigo-MusesD — Data Link

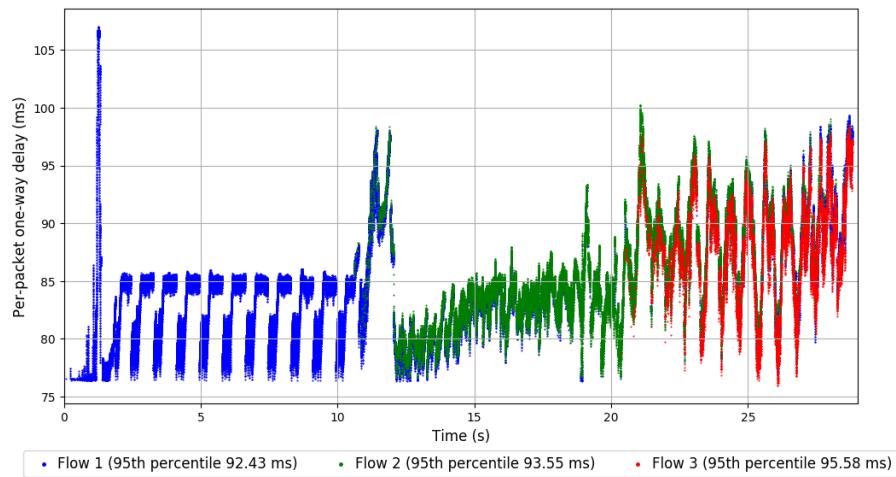
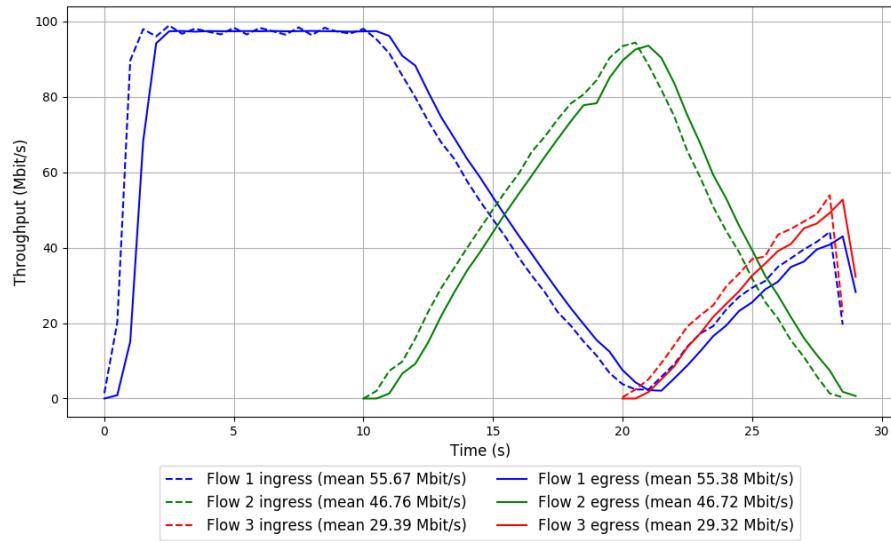


Run 3: Statistics of Indigo-MusesD

```
Start at: 2019-09-18 10:15:46
End at: 2019-09-18 10:16:16
Local clock offset: -4.322 ms
Remote clock offset: -16.555 ms

# Below is generated by plot.py at 2019-09-18 11:49:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.89 Mbit/s
95th percentile per-packet one-way delay: 93.402 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 55.38 Mbit/s
95th percentile per-packet one-way delay: 92.428 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 46.72 Mbit/s
95th percentile per-packet one-way delay: 93.554 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.32 Mbit/s
95th percentile per-packet one-way delay: 95.577 ms
Loss rate: 0.00%
```

Run 3: Report of Indigo-MusesD — Data Link

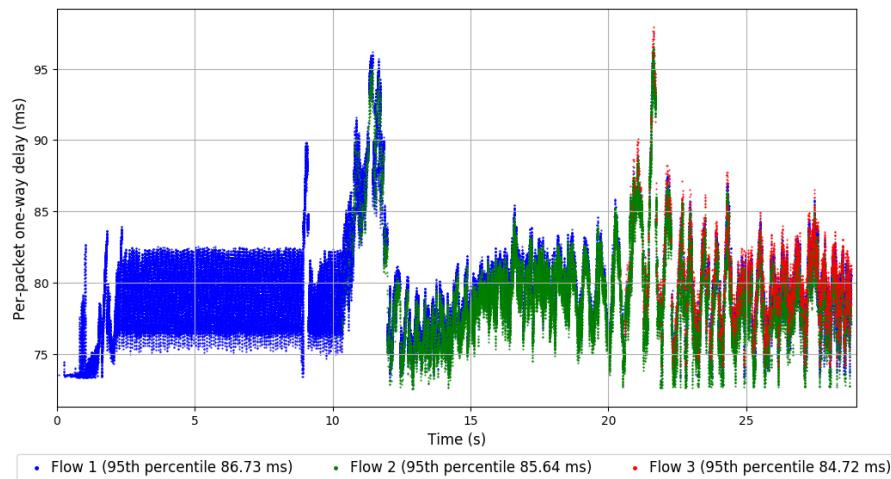
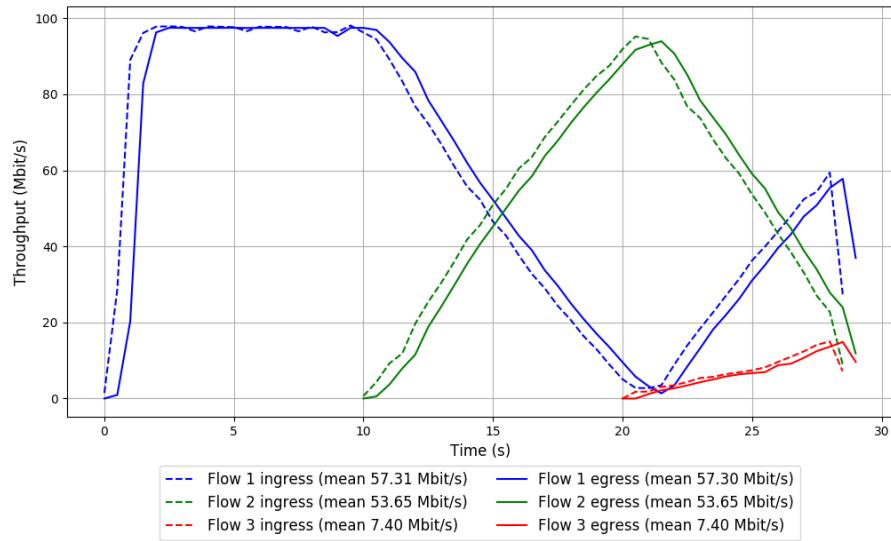


Run 4: Statistics of Indigo-MusesD

```
Start at: 2019-09-18 10:46:24
End at: 2019-09-18 10:46:54
Local clock offset: -5.845 ms
Remote clock offset: -21.352 ms

# Below is generated by plot.py at 2019-09-18 11:50:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.24 Mbit/s
95th percentile per-packet one-way delay: 86.051 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.30 Mbit/s
95th percentile per-packet one-way delay: 86.726 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 53.65 Mbit/s
95th percentile per-packet one-way delay: 85.644 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 7.40 Mbit/s
95th percentile per-packet one-way delay: 84.719 ms
Loss rate: 0.00%
```

Run 4: Report of Indigo-MusesD — Data Link

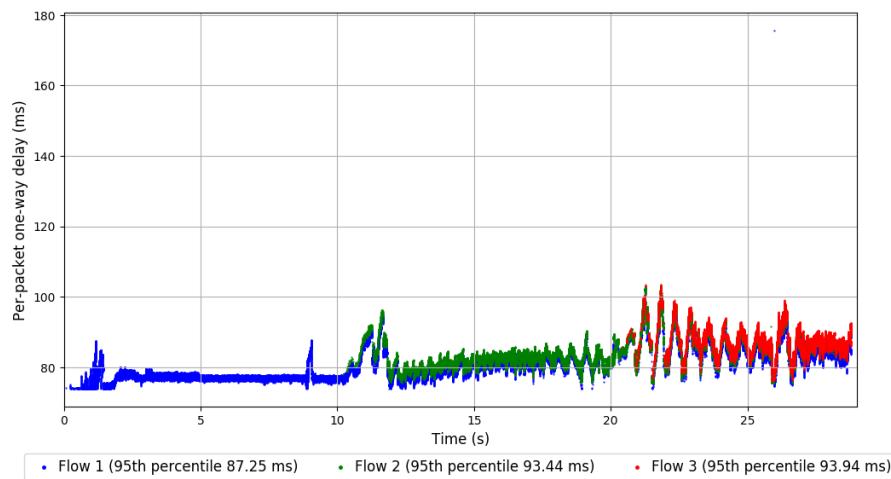
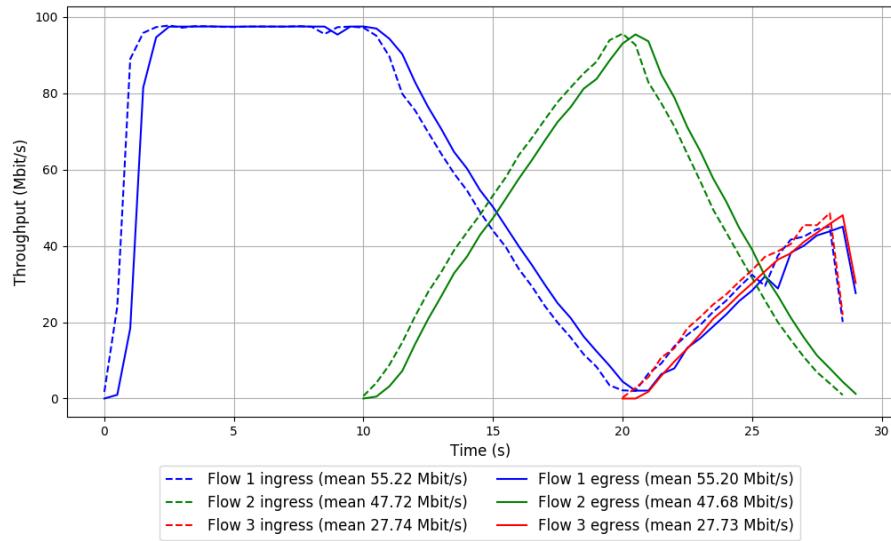


Run 5: Statistics of Indigo-MusesD

```
Start at: 2019-09-18 11:16:50
End at: 2019-09-18 11:17:20
Local clock offset: -4.228 ms
Remote clock offset: -22.477 ms

# Below is generated by plot.py at 2019-09-18 11:50:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.13 Mbit/s
95th percentile per-packet one-way delay: 90.642 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.20 Mbit/s
95th percentile per-packet one-way delay: 87.248 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 47.68 Mbit/s
95th percentile per-packet one-way delay: 93.445 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 27.73 Mbit/s
95th percentile per-packet one-way delay: 93.945 ms
Loss rate: 0.05%
```

Run 5: Report of Indigo-MusesD — Data Link

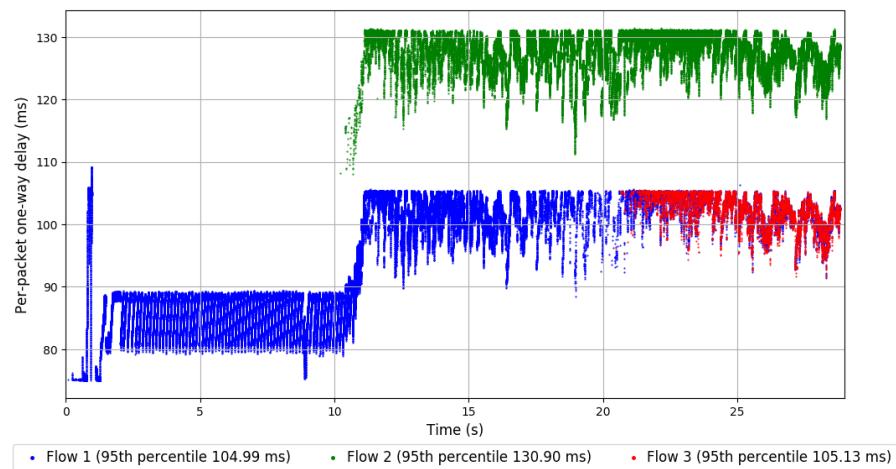
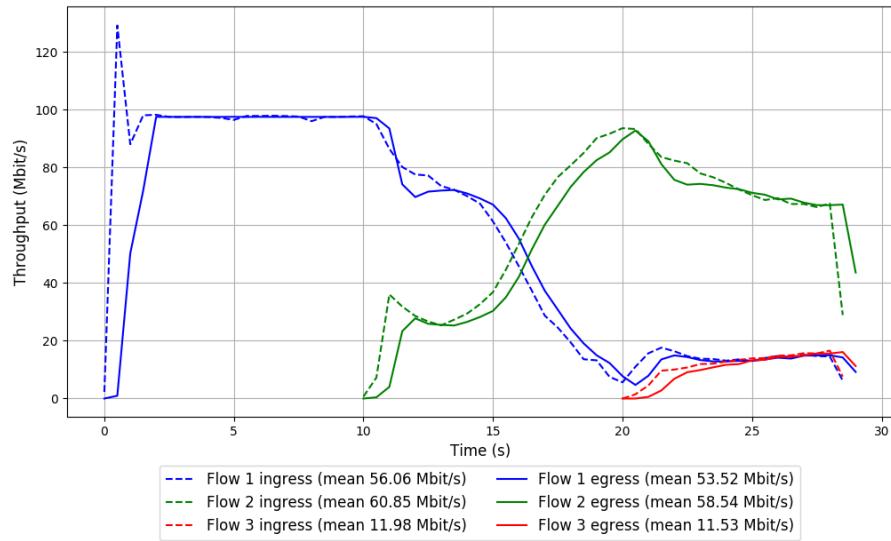


```
Run 1: Statistics of Indigo-MusesT
```

```
Start at: 2019-09-18 09:18:49
End at: 2019-09-18 09:19:19
Local clock offset: 1.894 ms
Remote clock offset: -11.977 ms

# Below is generated by plot.py at 2019-09-18 11:50:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.77 Mbit/s
95th percentile per-packet one-way delay: 130.715 ms
Loss rate: 4.18%
-- Flow 1:
Average throughput: 53.52 Mbit/s
95th percentile per-packet one-way delay: 104.994 ms
Loss rate: 4.44%
-- Flow 2:
Average throughput: 58.54 Mbit/s
95th percentile per-packet one-way delay: 130.904 ms
Loss rate: 3.85%
-- Flow 3:
Average throughput: 11.53 Mbit/s
95th percentile per-packet one-way delay: 105.127 ms
Loss rate: 3.68%
```

Run 1: Report of Indigo-MusesT — Data Link

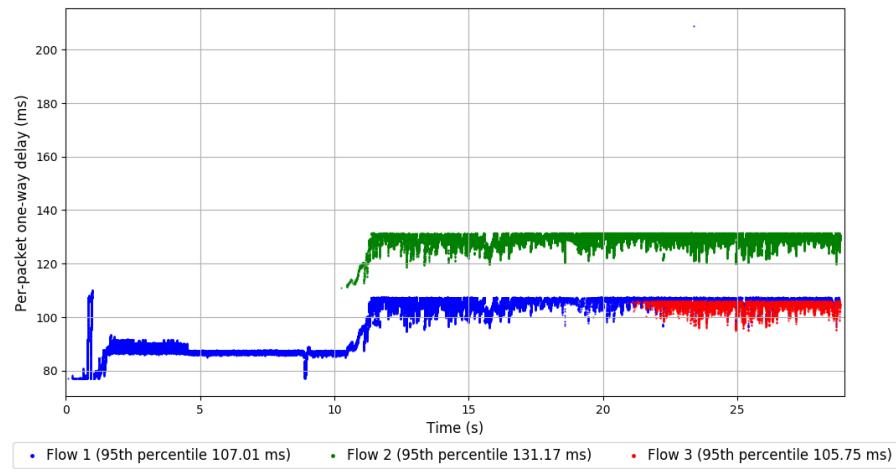
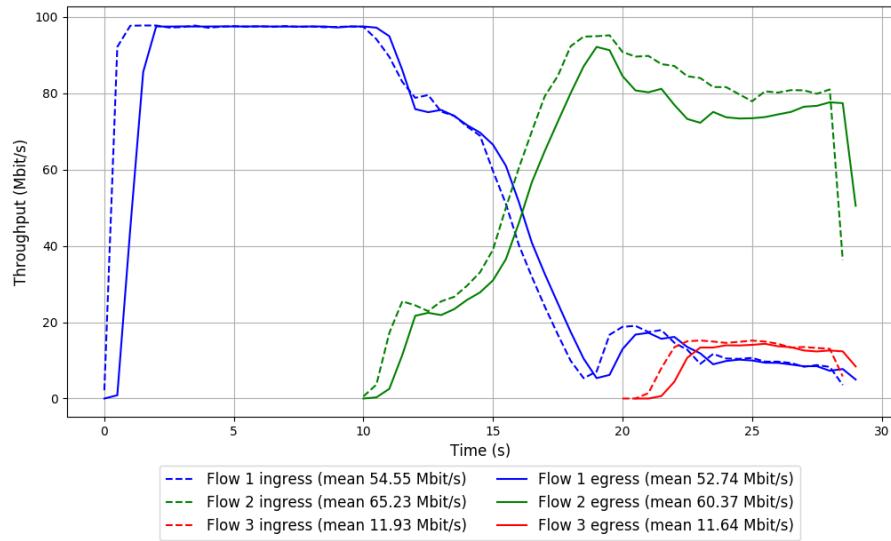


Run 2: Statistics of Indigo-MusesT

```
Start at: 2019-09-18 09:49:15
End at: 2019-09-18 09:49:45
Local clock offset: 4.322 ms
Remote clock offset: -14.029 ms

# Below is generated by plot.py at 2019-09-18 11:50:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.90 Mbit/s
95th percentile per-packet one-way delay: 131.061 ms
Loss rate: 5.19%
-- Flow 1:
Average throughput: 52.74 Mbit/s
95th percentile per-packet one-way delay: 107.010 ms
Loss rate: 3.23%
-- Flow 2:
Average throughput: 60.37 Mbit/s
95th percentile per-packet one-way delay: 131.167 ms
Loss rate: 7.47%
-- Flow 3:
Average throughput: 11.64 Mbit/s
95th percentile per-packet one-way delay: 105.748 ms
Loss rate: 8.30%
```

Run 2: Report of Indigo-MusesT — Data Link

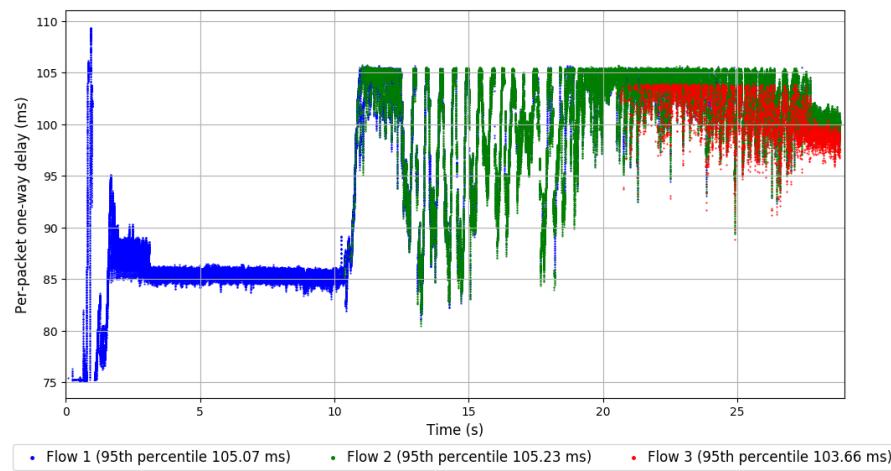
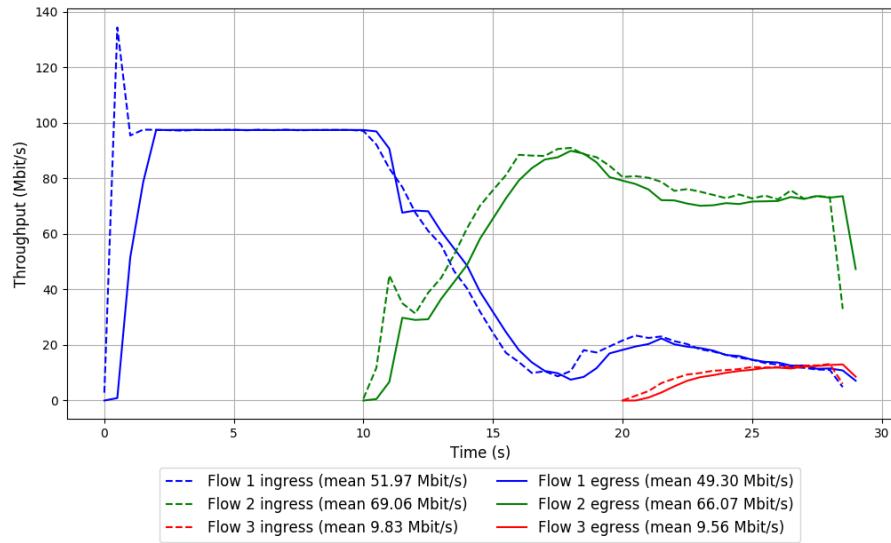


Run 3: Statistics of Indigo-MusesT

```
Start at: 2019-09-18 10:19:39
End at: 2019-09-18 10:20:09
Local clock offset: -5.318 ms
Remote clock offset: -18.107 ms

# Below is generated by plot.py at 2019-09-18 11:50:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.91 Mbit/s
95th percentile per-packet one-way delay: 105.176 ms
Loss rate: 4.63%
-- Flow 1:
Average throughput: 49.30 Mbit/s
95th percentile per-packet one-way delay: 105.074 ms
Loss rate: 5.05%
-- Flow 2:
Average throughput: 66.07 Mbit/s
95th percentile per-packet one-way delay: 105.235 ms
Loss rate: 4.25%
-- Flow 3:
Average throughput: 9.56 Mbit/s
95th percentile per-packet one-way delay: 103.659 ms
Loss rate: 2.76%
```

Run 3: Report of Indigo-MusesT — Data Link

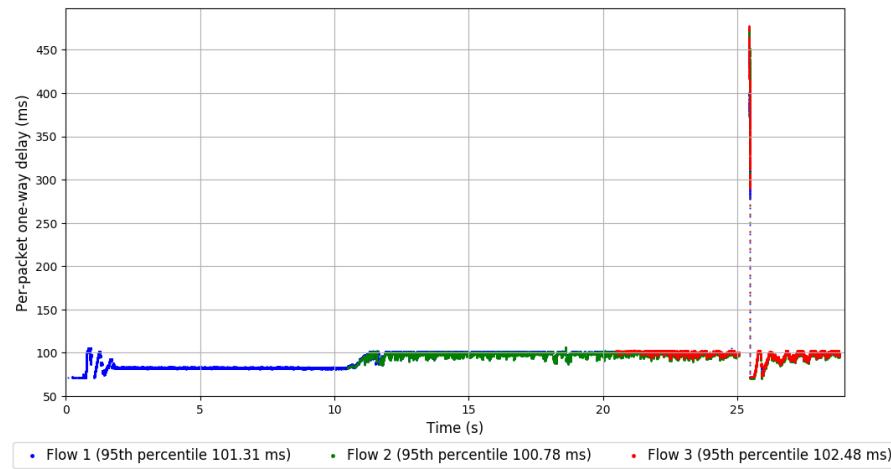
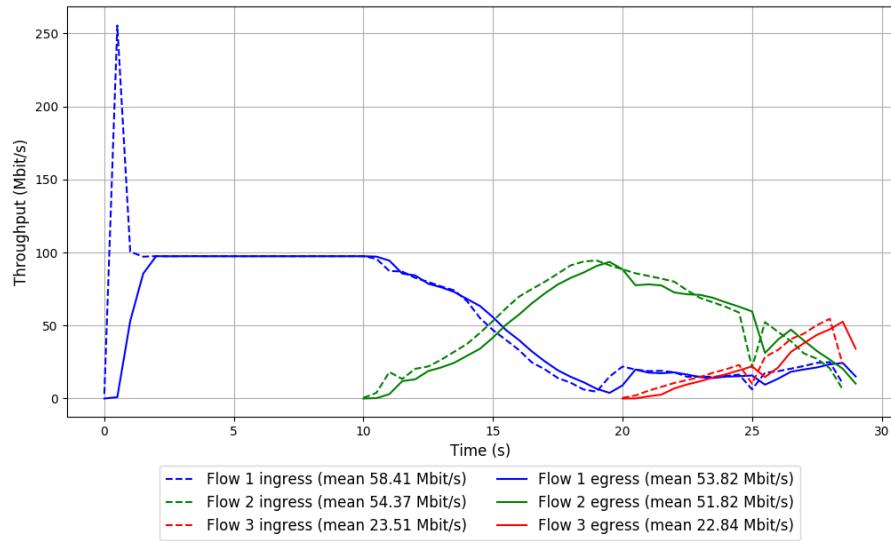


Run 4: Statistics of Indigo-MusesT

```
Start at: 2019-09-18 10:50:18
End at: 2019-09-18 10:50:48
Local clock offset: -5.935 ms
Remote clock offset: -23.501 ms

# Below is generated by plot.py at 2019-09-18 11:50:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.92 Mbit/s
95th percentile per-packet one-way delay: 101.318 ms
Loss rate: 6.33%
-- Flow 1:
Average throughput: 53.82 Mbit/s
95th percentile per-packet one-way delay: 101.312 ms
Loss rate: 7.78%
-- Flow 2:
Average throughput: 51.82 Mbit/s
95th percentile per-packet one-way delay: 100.781 ms
Loss rate: 4.61%
-- Flow 3:
Average throughput: 22.84 Mbit/s
95th percentile per-packet one-way delay: 102.476 ms
Loss rate: 2.88%
```

Run 4: Report of Indigo-MusesT — Data Link

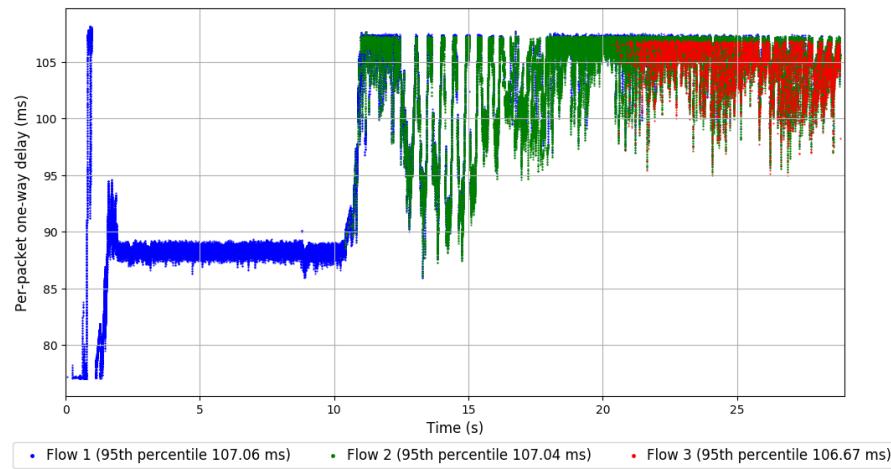
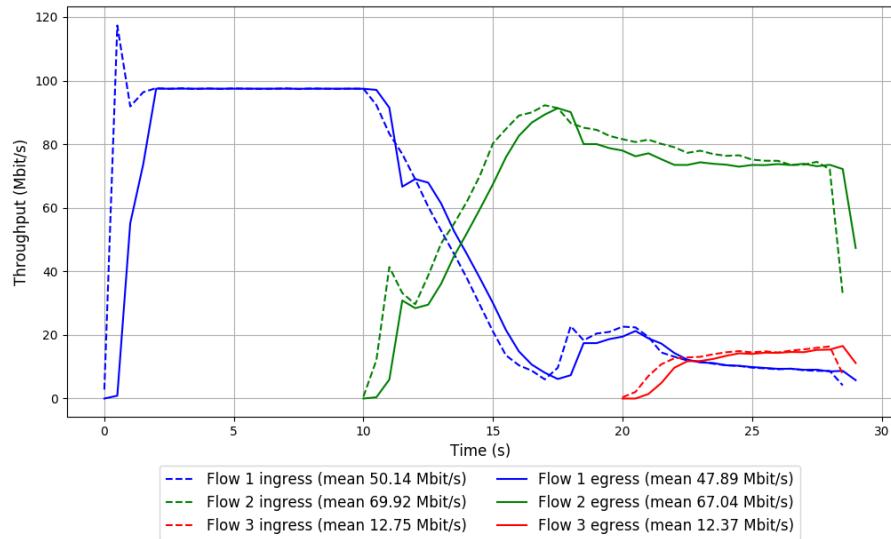


Run 5: Statistics of Indigo-MusesT

```
Start at: 2019-09-18 11:20:43
End at: 2019-09-18 11:21:13
Local clock offset: -4.149 ms
Remote clock offset: -21.841 ms

# Below is generated by plot.py at 2019-09-18 11:50:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.89 Mbit/s
95th percentile per-packet one-way delay: 107.039 ms
Loss rate: 4.17%
-- Flow 1:
Average throughput: 47.89 Mbit/s
95th percentile per-packet one-way delay: 107.056 ms
Loss rate: 4.38%
-- Flow 2:
Average throughput: 67.04 Mbit/s
95th percentile per-packet one-way delay: 107.039 ms
Loss rate: 4.03%
-- Flow 3:
Average throughput: 12.37 Mbit/s
95th percentile per-packet one-way delay: 106.668 ms
Loss rate: 3.13%
```

Run 5: Report of Indigo-MusesT — Data Link

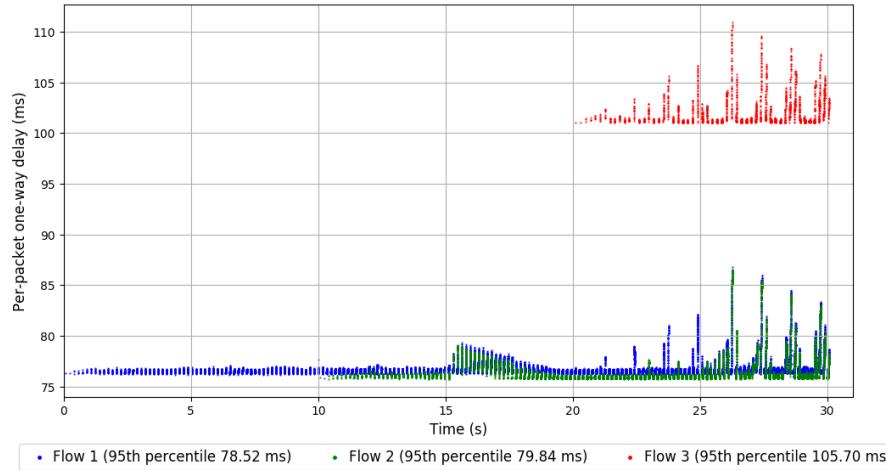
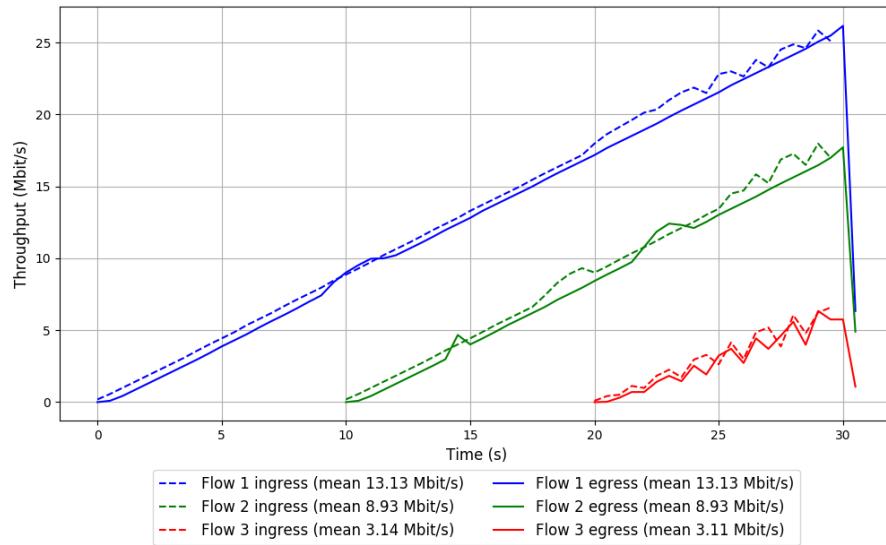


Run 1: Statistics of LEDBAT

```
Start at: 2019-09-18 09:23:48
End at: 2019-09-18 09:24:18
Local clock offset: 2.42 ms
Remote clock offset: -11.923 ms

# Below is generated by plot.py at 2019-09-18 11:50:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 20.11 Mbit/s
95th percentile per-packet one-way delay: 101.062 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 13.13 Mbit/s
95th percentile per-packet one-way delay: 78.522 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.93 Mbit/s
95th percentile per-packet one-way delay: 79.842 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.11 Mbit/s
95th percentile per-packet one-way delay: 105.705 ms
Loss rate: 1.20%
```

Run 1: Report of LEDBAT — Data Link

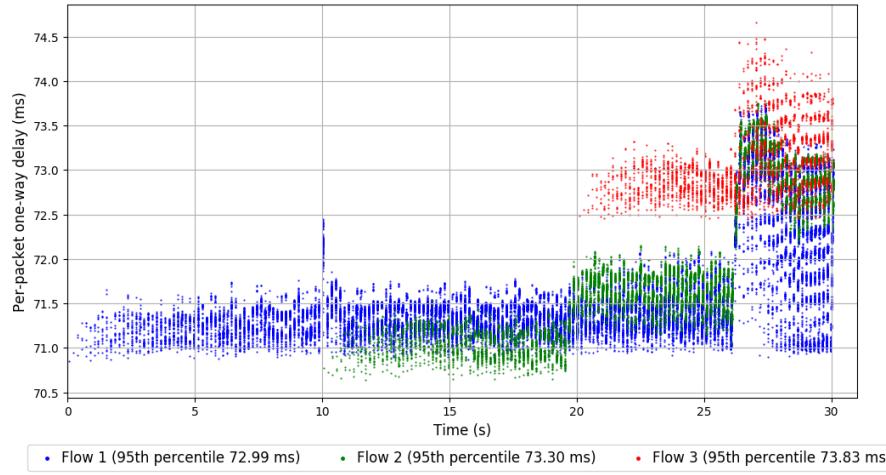
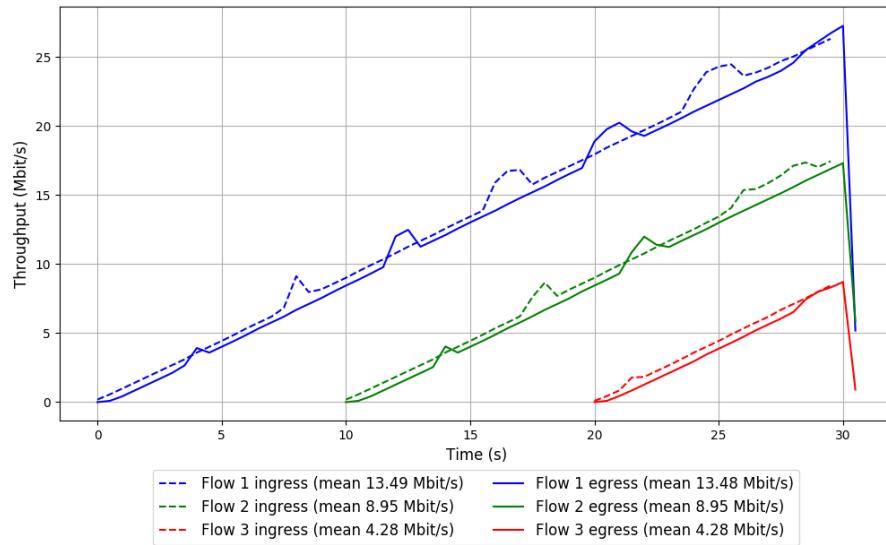


Run 2: Statistics of LEDBAT

```
Start at: 2019-09-18 09:54:13
End at: 2019-09-18 09:54:43
Local clock offset: 5.503 ms
Remote clock offset: -18.199 ms

# Below is generated by plot.py at 2019-09-18 11:50:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 20.86 Mbit/s
95th percentile per-packet one-way delay: 73.240 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.48 Mbit/s
95th percentile per-packet one-way delay: 72.993 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.95 Mbit/s
95th percentile per-packet one-way delay: 73.300 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.28 Mbit/s
95th percentile per-packet one-way delay: 73.834 ms
Loss rate: 0.00%
```

Run 2: Report of LEDBAT — Data Link

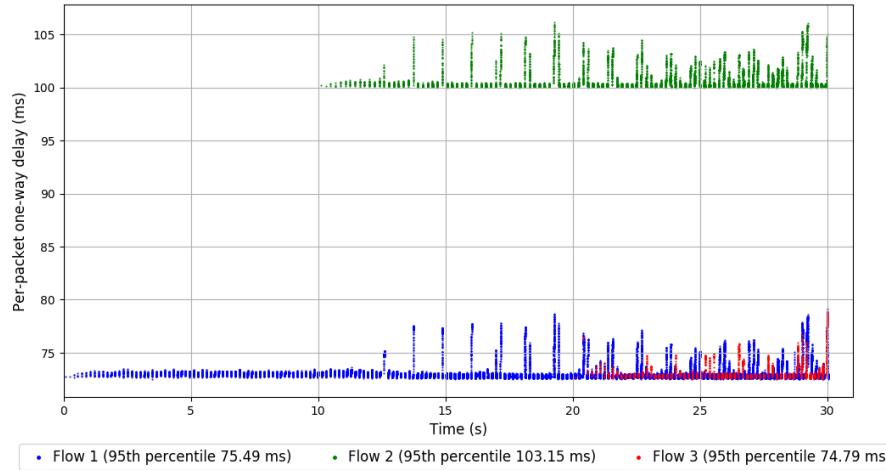
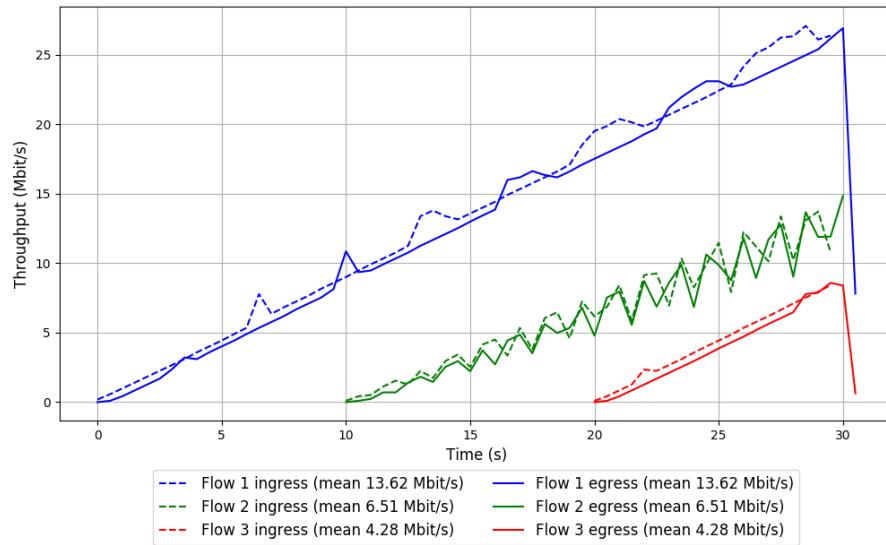


Run 3: Statistics of LEDBAT

```
Start at: 2019-09-18 10:24:38
End at: 2019-09-18 10:25:08
Local clock offset: -5.657 ms
Remote clock offset: -18.645 ms

# Below is generated by plot.py at 2019-09-18 11:50:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 19.35 Mbit/s
95th percentile per-packet one-way delay: 101.074 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.62 Mbit/s
95th percentile per-packet one-way delay: 75.491 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.51 Mbit/s
95th percentile per-packet one-way delay: 103.153 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.28 Mbit/s
95th percentile per-packet one-way delay: 74.793 ms
Loss rate: 0.00%
```

Run 3: Report of LEDBAT — Data Link

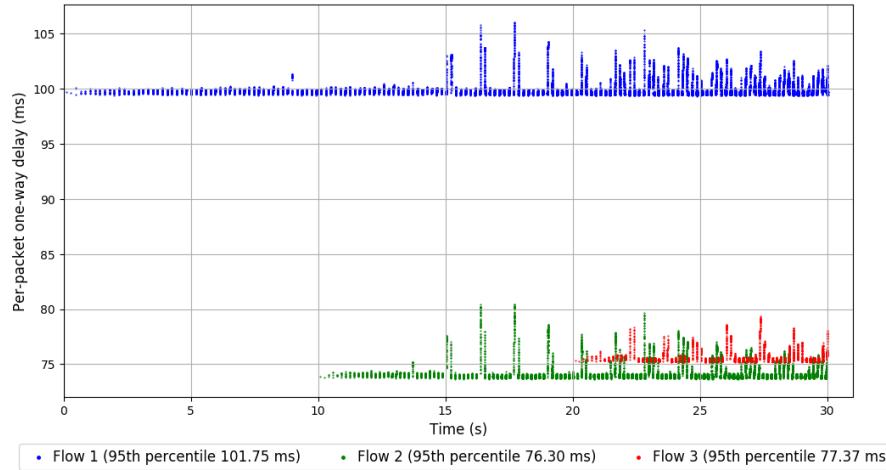
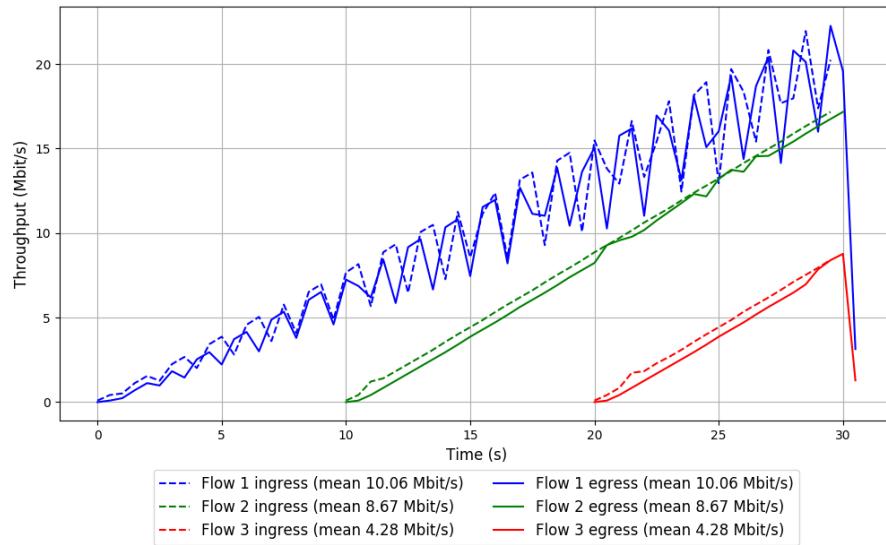


Run 4: Statistics of LEDBAT

```
Start at: 2019-09-18 10:55:17
End at: 2019-09-18 10:55:47
Local clock offset: -5.427 ms
Remote clock offset: -20.294 ms

# Below is generated by plot.py at 2019-09-18 11:50:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 17.24 Mbit/s
95th percentile per-packet one-way delay: 101.208 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.06 Mbit/s
95th percentile per-packet one-way delay: 101.755 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.67 Mbit/s
95th percentile per-packet one-way delay: 76.300 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.28 Mbit/s
95th percentile per-packet one-way delay: 77.372 ms
Loss rate: 0.00%
```

Run 4: Report of LEDBAT — Data Link

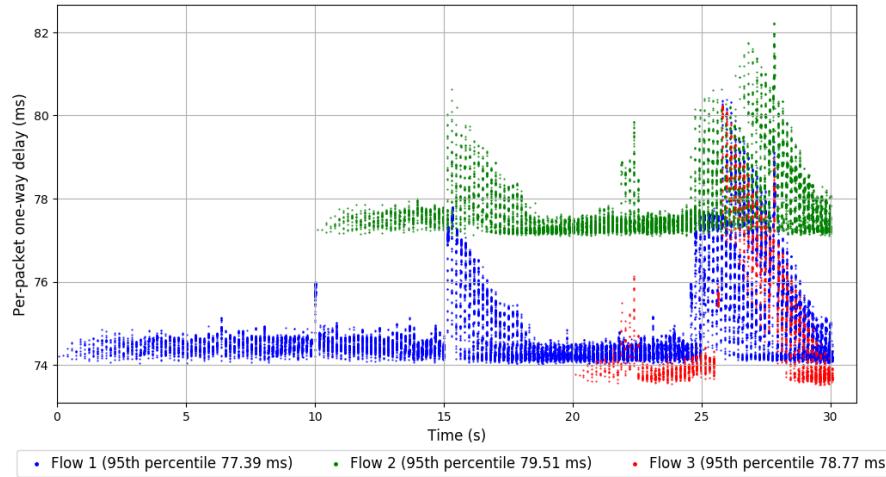
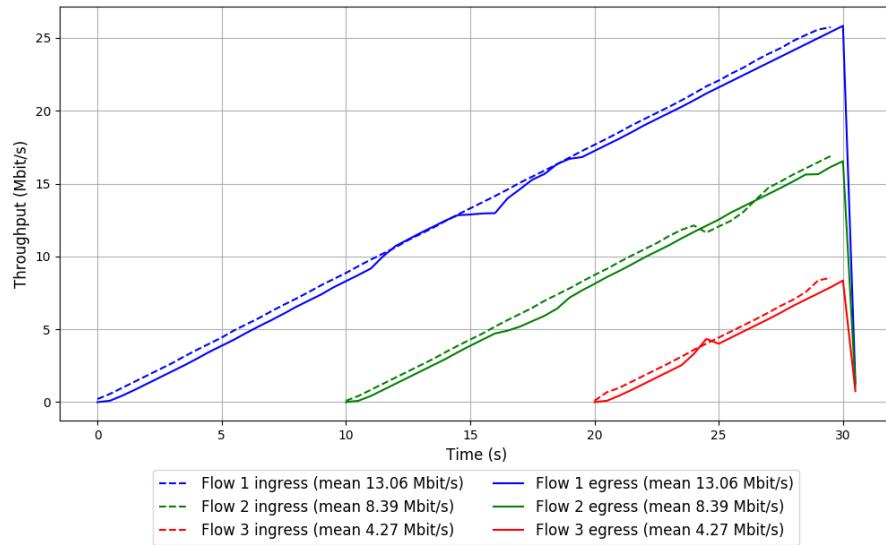


Run 5: Statistics of LEDBAT

```
Start at: 2019-09-18 11:25:47
End at: 2019-09-18 11:26:17
Local clock offset: -4.133 ms
Remote clock offset: -23.455 ms

# Below is generated by plot.py at 2019-09-18 11:50:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 20.05 Mbit/s
95th percentile per-packet one-way delay: 78.621 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.06 Mbit/s
95th percentile per-packet one-way delay: 77.389 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.39 Mbit/s
95th percentile per-packet one-way delay: 79.507 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.27 Mbit/s
95th percentile per-packet one-way delay: 78.774 ms
Loss rate: 0.00%
```

Run 5: Report of LEDBAT — Data Link

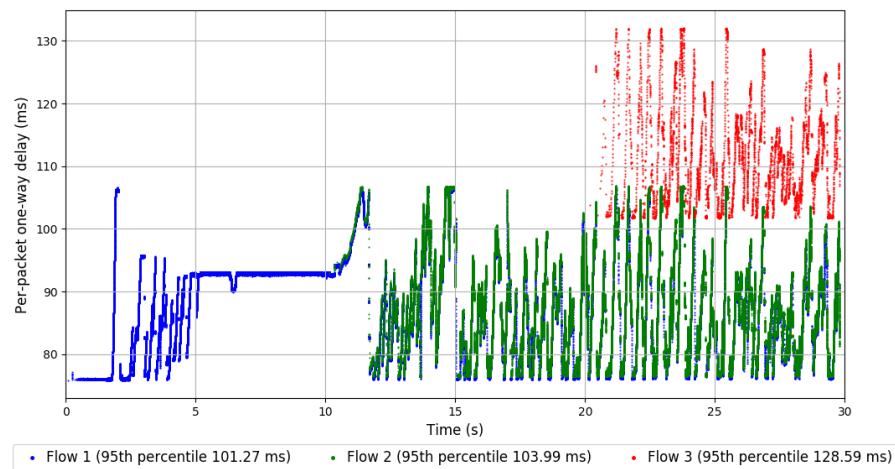
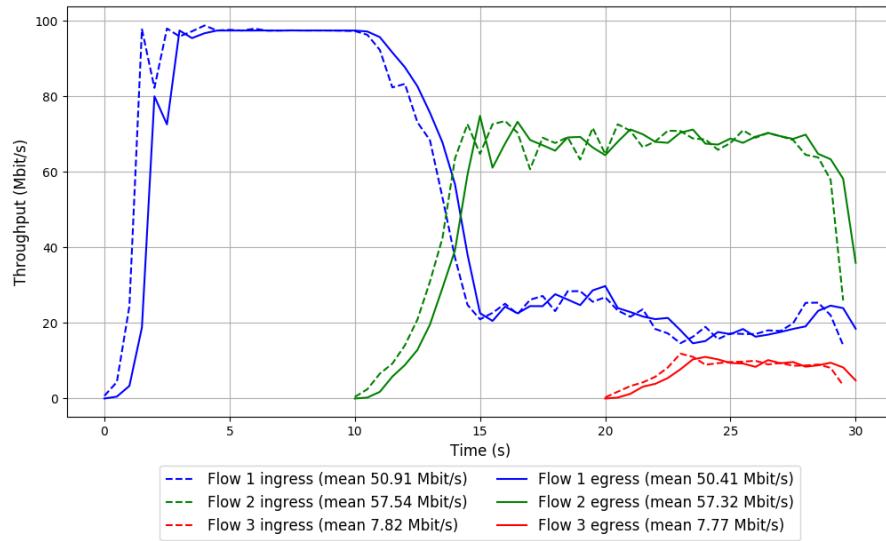


```
Run 1: Statistics of Muses\_DecisionTree

Start at: 2019-09-18 09:09:55
End at: 2019-09-18 09:10:25
Local clock offset: 1.245 ms
Remote clock offset: -10.991 ms

# Below is generated by plot.py at 2019-09-18 11:51:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.76 Mbit/s
95th percentile per-packet one-way delay: 105.370 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 50.41 Mbit/s
95th percentile per-packet one-way delay: 101.271 ms
Loss rate: 0.90%
-- Flow 2:
Average throughput: 57.32 Mbit/s
95th percentile per-packet one-way delay: 103.991 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 7.77 Mbit/s
95th percentile per-packet one-way delay: 128.590 ms
Loss rate: 0.94%
```

Run 1: Report of Muses_DecisionTree — Data Link

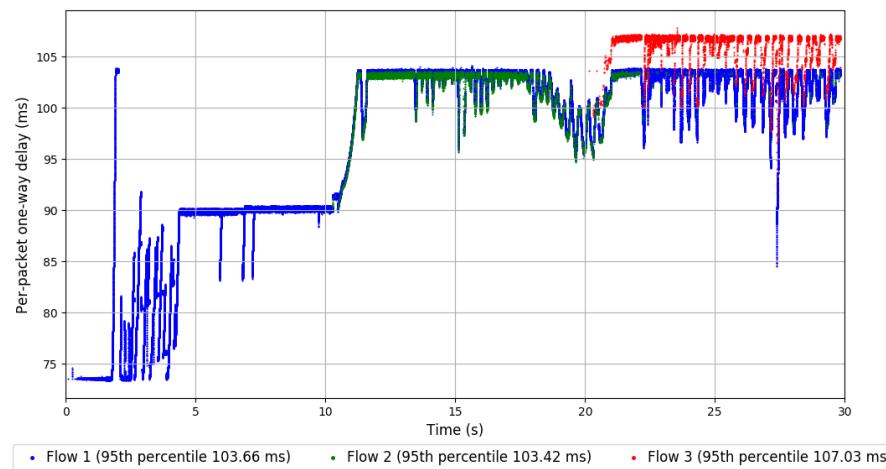
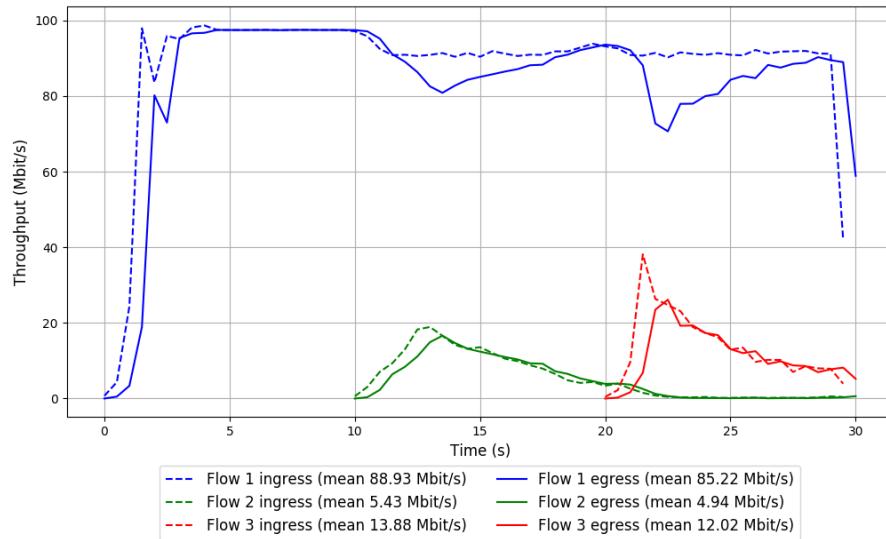


```
Run 2: Statistics of Muses\_DecisionTree

Start at: 2019-09-18 09:40:20
End at: 2019-09-18 09:40:50
Local clock offset: 4.482 ms
Remote clock offset: -14.602 ms

# Below is generated by plot.py at 2019-09-18 11:51:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.41 Mbit/s
95th percentile per-packet one-way delay: 103.688 ms
Loss rate: 4.68%
-- Flow 1:
Average throughput: 85.22 Mbit/s
95th percentile per-packet one-way delay: 103.656 ms
Loss rate: 4.07%
-- Flow 2:
Average throughput: 4.94 Mbit/s
95th percentile per-packet one-way delay: 103.417 ms
Loss rate: 8.86%
-- Flow 3:
Average throughput: 12.02 Mbit/s
95th percentile per-packet one-way delay: 107.026 ms
Loss rate: 13.36%
```

Run 2: Report of Muses_DecisionTree — Data Link

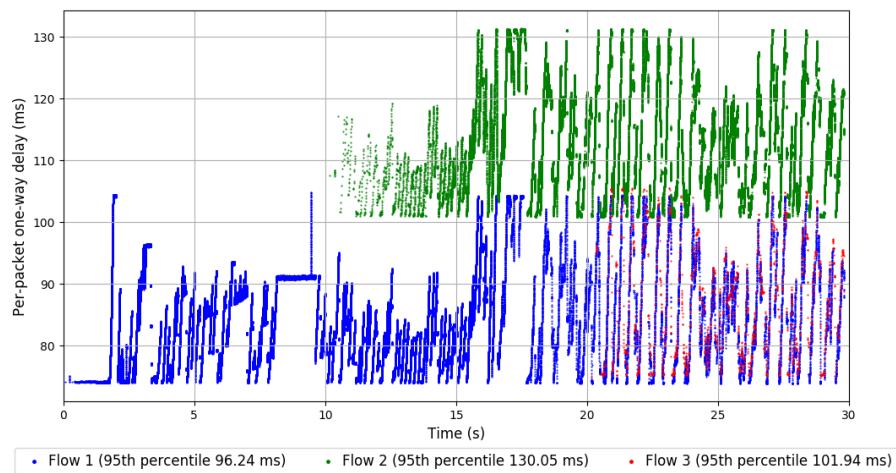
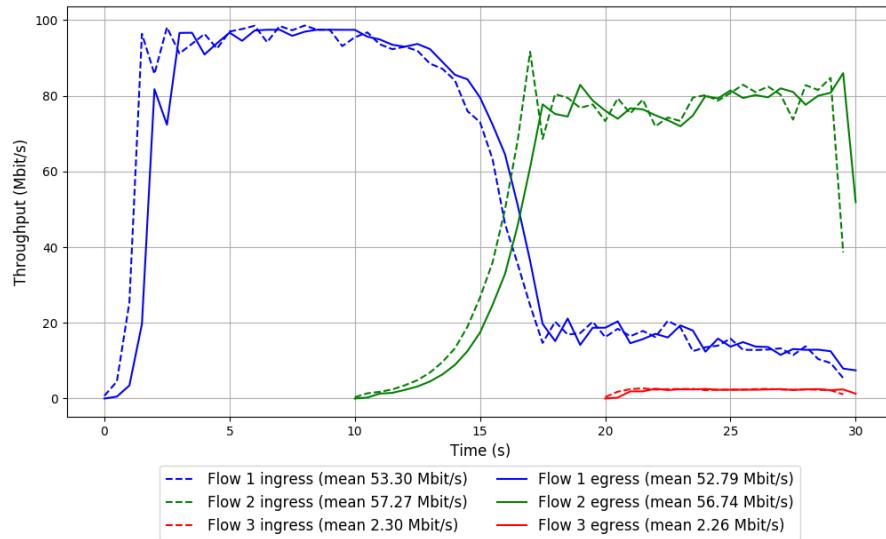


```
Run 3: Statistics of Muses\_DecisionTree

Start at: 2019-09-18 10:10:44
End at: 2019-09-18 10:11:14
Local clock offset: -2.471 ms
Remote clock offset: -17.227 ms

# Below is generated by plot.py at 2019-09-18 11:51:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.00 Mbit/s
95th percentile per-packet one-way delay: 125.225 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 52.79 Mbit/s
95th percentile per-packet one-way delay: 96.238 ms
Loss rate: 0.91%
-- Flow 2:
Average throughput: 56.74 Mbit/s
95th percentile per-packet one-way delay: 130.047 ms
Loss rate: 1.02%
-- Flow 3:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 101.936 ms
Loss rate: 1.42%
```

Run 3: Report of Muses_DecisionTree — Data Link

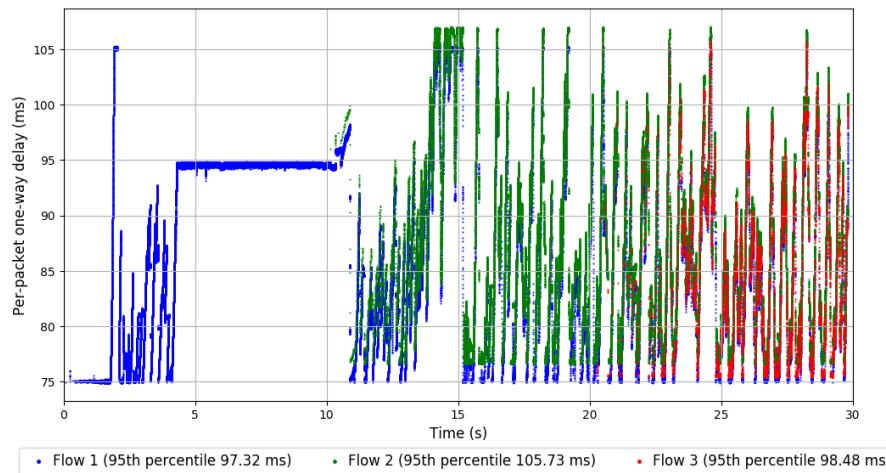
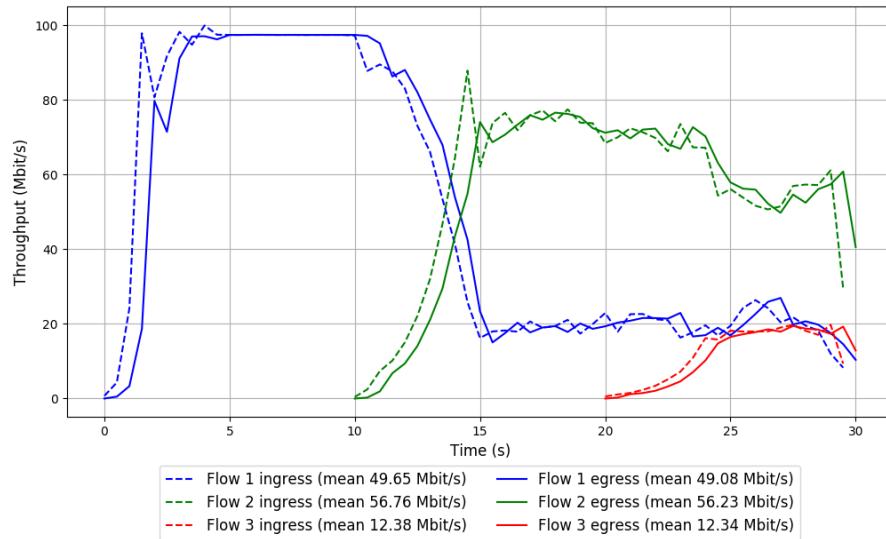


```
Run 4: Statistics of Muses\_DecisionTree

Start at: 2019-09-18 10:41:22
End at: 2019-09-18 10:41:52
Local clock offset: -5.893 ms
Remote clock offset: -18.474 ms

# Below is generated by plot.py at 2019-09-18 11:51:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.28 Mbit/s
95th percentile per-packet one-way delay: 101.829 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 49.08 Mbit/s
95th percentile per-packet one-way delay: 97.319 ms
Loss rate: 1.06%
-- Flow 2:
Average throughput: 56.23 Mbit/s
95th percentile per-packet one-way delay: 105.731 ms
Loss rate: 0.90%
-- Flow 3:
Average throughput: 12.34 Mbit/s
95th percentile per-packet one-way delay: 98.482 ms
Loss rate: 0.15%
```

Run 4: Report of Muses_DecisionTree — Data Link

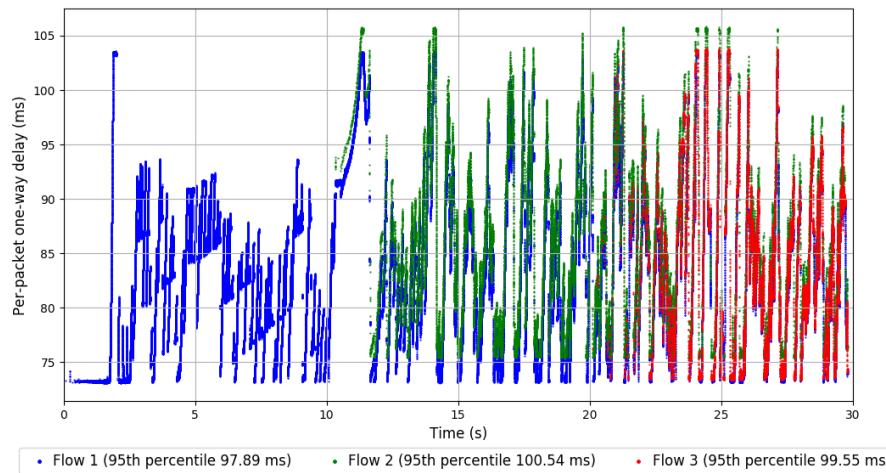
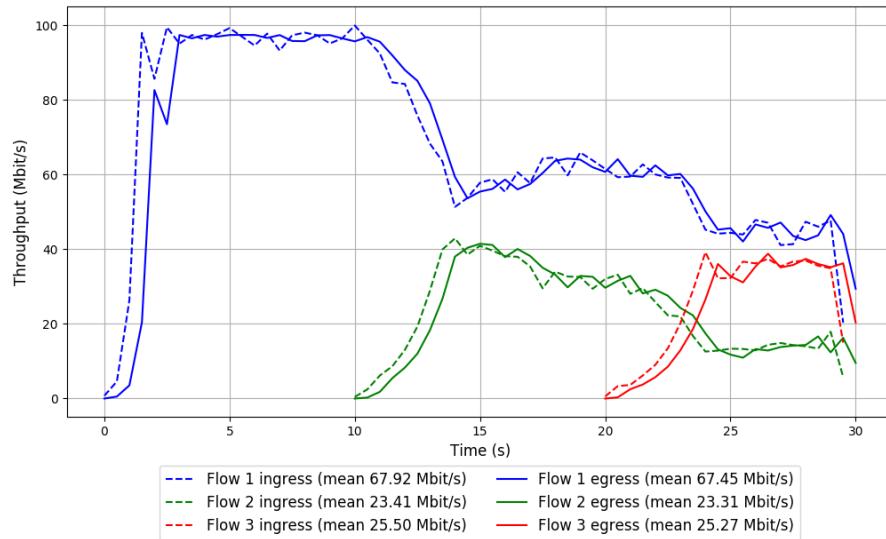


```
Run 5: Statistics of Muses\_DecisionTree

Start at: 2019-09-18 11:11:48
End at: 2019-09-18 11:12:18
Local clock offset: -3.712 ms
Remote clock offset: -22.06 ms

# Below is generated by plot.py at 2019-09-18 11:51:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.09 Mbit/s
95th percentile per-packet one-way delay: 98.681 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 67.45 Mbit/s
95th percentile per-packet one-way delay: 97.890 ms
Loss rate: 0.69%
-- Flow 2:
Average throughput: 23.31 Mbit/s
95th percentile per-packet one-way delay: 100.540 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 25.27 Mbit/s
95th percentile per-packet one-way delay: 99.546 ms
Loss rate: 0.95%
```

Run 5: Report of Muses_DecisionTree — Data Link

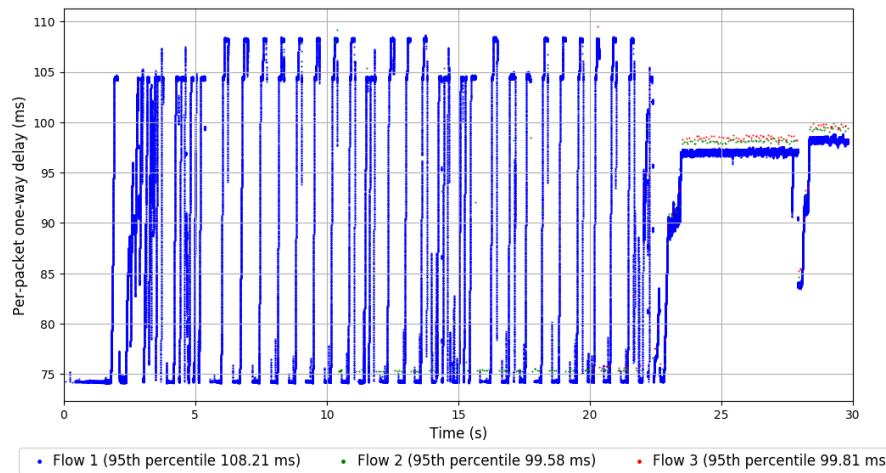
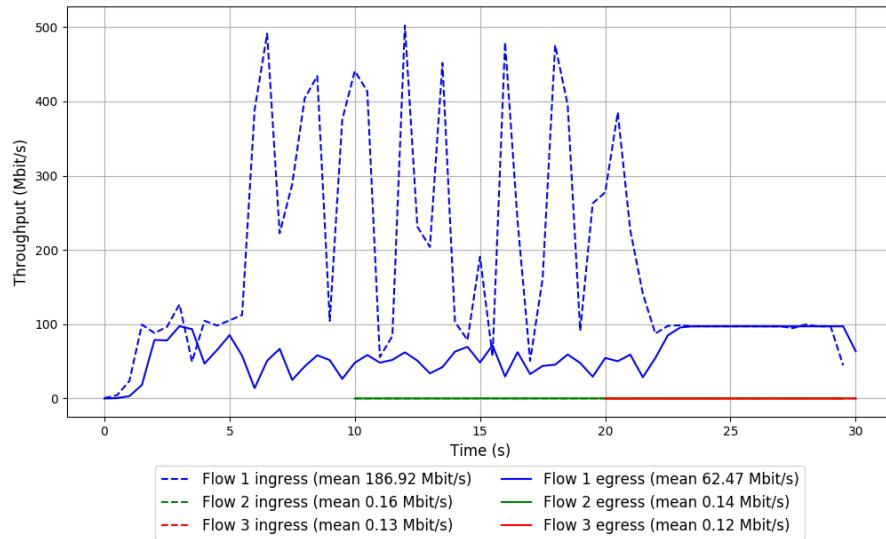


```
Run 1: Statistics of Muses\_DecisionTreeH0

Start at: 2019-09-18 09:39:03
End at: 2019-09-18 09:39:33
Local clock offset: 3.703 ms
Remote clock offset: -14.917 ms

# Below is generated by plot.py at 2019-09-18 11:52:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 62.60 Mbit/s
95th percentile per-packet one-way delay: 108.212 ms
Loss rate: 66.51%
-- Flow 1:
Average throughput: 62.47 Mbit/s
95th percentile per-packet one-way delay: 108.213 ms
Loss rate: 66.55%
-- Flow 2:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 99.575 ms
Loss rate: 14.34%
-- Flow 3:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 99.807 ms
Loss rate: 11.11%
```

Run 1: Report of Muses_DecisionTreeH0 — Data Link

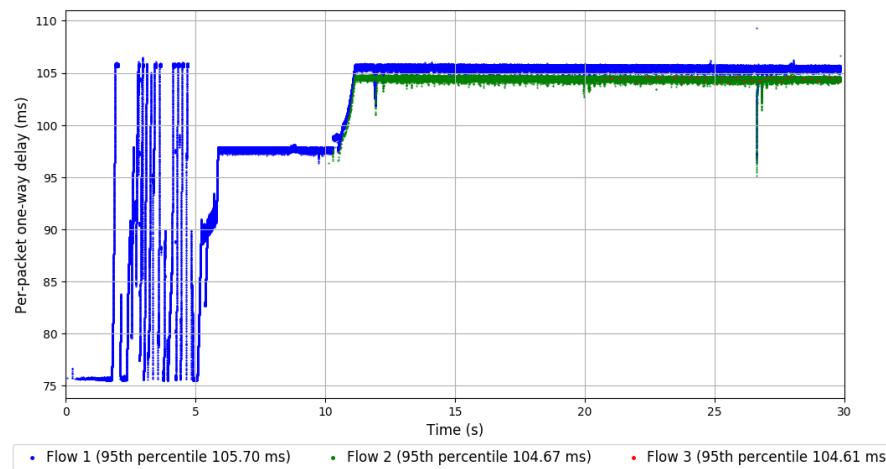
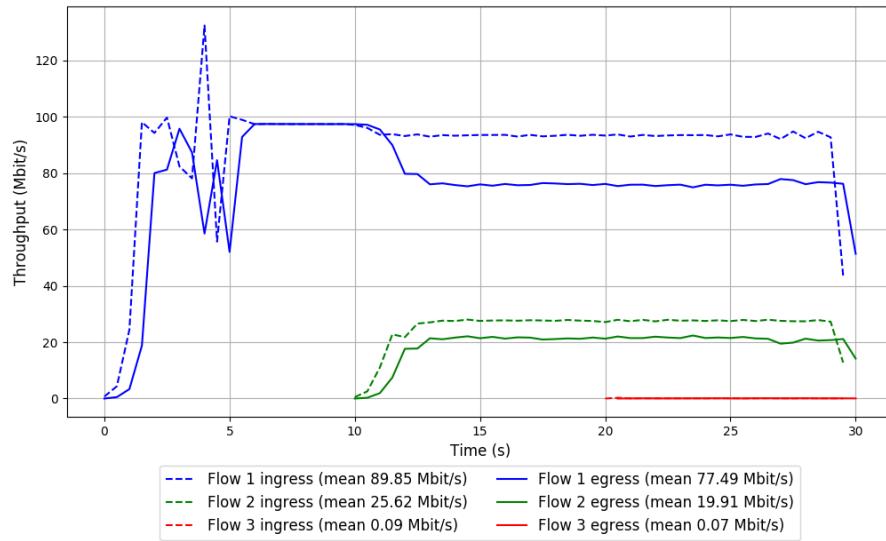


```
Run 2: Statistics of Muses\_DecisionTreeH0

Start at: 2019-09-18 10:09:27
End at: 2019-09-18 10:09:57
Local clock offset: -1.887 ms
Remote clock offset: -16.841 ms

# Below is generated by plot.py at 2019-09-18 11:52:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.70 Mbit/s
95th percentile per-packet one-way delay: 105.693 ms
Loss rate: 15.04%
-- Flow 1:
Average throughput: 77.49 Mbit/s
95th percentile per-packet one-way delay: 105.705 ms
Loss rate: 13.67%
-- Flow 2:
Average throughput: 19.91 Mbit/s
95th percentile per-packet one-way delay: 104.665 ms
Loss rate: 22.25%
-- Flow 3:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 104.605 ms
Loss rate: 29.36%
```

Run 2: Report of Muses_DecisionTreeH0 — Data Link

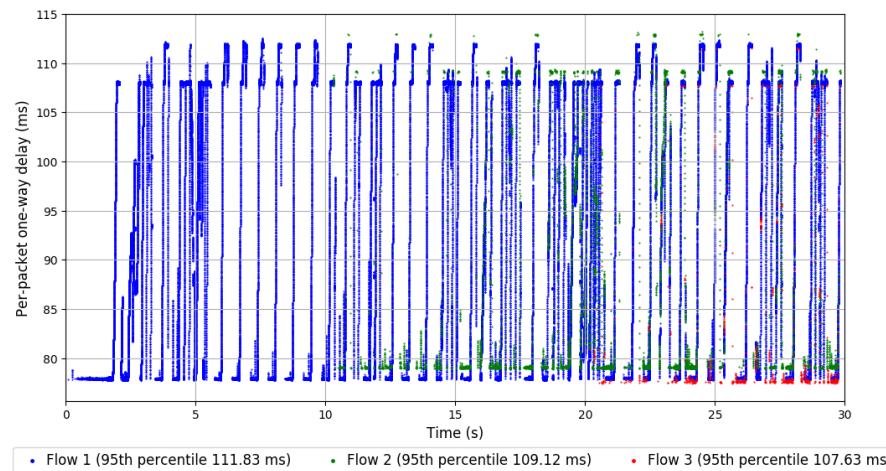
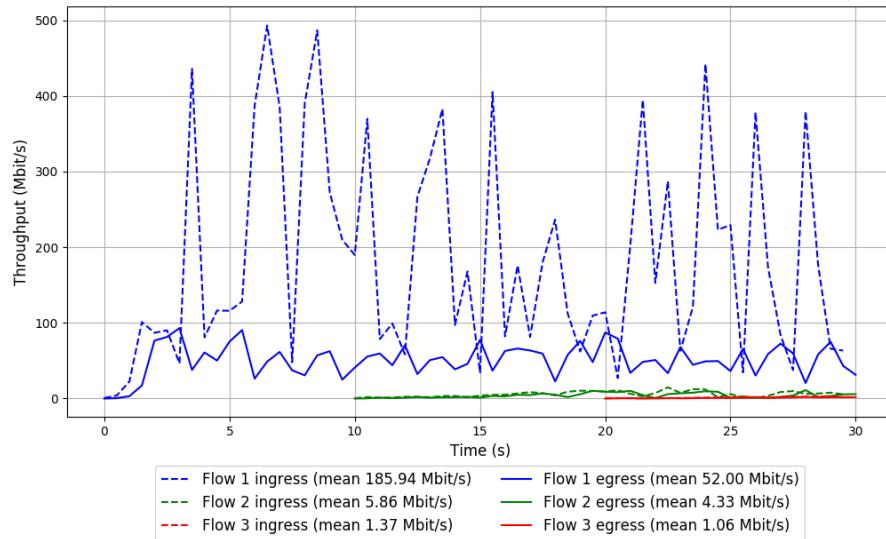


```
Run 3: Statistics of Muses\_DecisionTreeH0

Start at: 2019-09-18 10:40:05
End at: 2019-09-18 10:40:35
Local clock offset: -6.021 ms
Remote clock offset: -17.997 ms

# Below is generated by plot.py at 2019-09-18 11:52:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 55.21 Mbit/s
95th percentile per-packet one-way delay: 111.828 ms
Loss rate: 70.96%
-- Flow 1:
Average throughput: 52.00 Mbit/s
95th percentile per-packet one-way delay: 111.832 ms
Loss rate: 72.01%
-- Flow 2:
Average throughput: 4.33 Mbit/s
95th percentile per-packet one-way delay: 109.123 ms
Loss rate: 26.10%
-- Flow 3:
Average throughput: 1.06 Mbit/s
95th percentile per-packet one-way delay: 107.630 ms
Loss rate: 22.55%
```

Run 3: Report of Muses_DecisionTreeH0 — Data Link

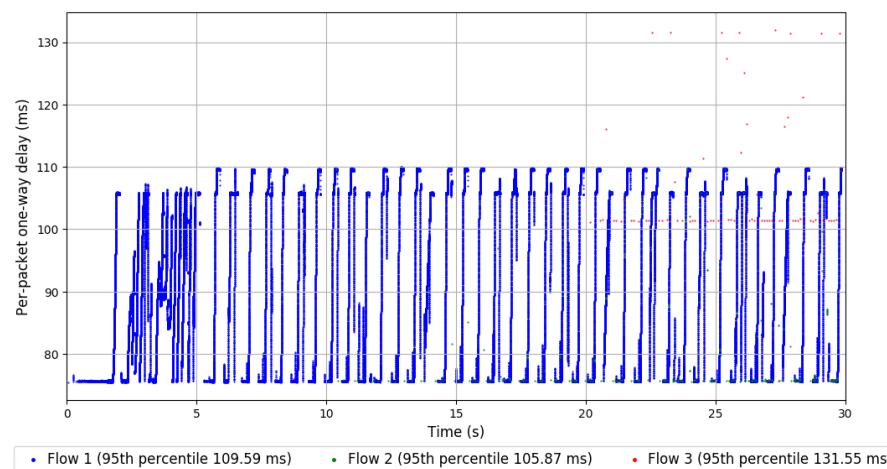
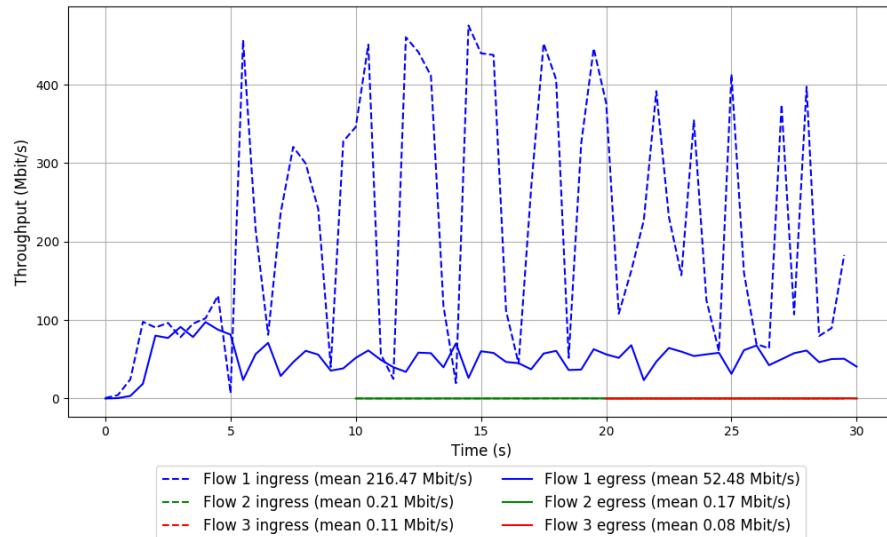


```
Run 4: Statistics of Muses\_DecisionTreeH0

Start at: 2019-09-18 11:10:31
End at: 2019-09-18 11:11:01
Local clock offset: -4.609 ms
Remote clock offset: -22.033 ms

# Below is generated by plot.py at 2019-09-18 11:52:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 52.62 Mbit/s
95th percentile per-packet one-way delay: 109.591 ms
Loss rate: 75.68%
-- Flow 1:
Average throughput: 52.48 Mbit/s
95th percentile per-packet one-way delay: 109.591 ms
Loss rate: 75.73%
-- Flow 2:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 105.867 ms
Loss rate: 22.50%
-- Flow 3:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 131.549 ms
Loss rate: 24.99%
```

Run 4: Report of Muses_DecisionTreeH0 — Data Link

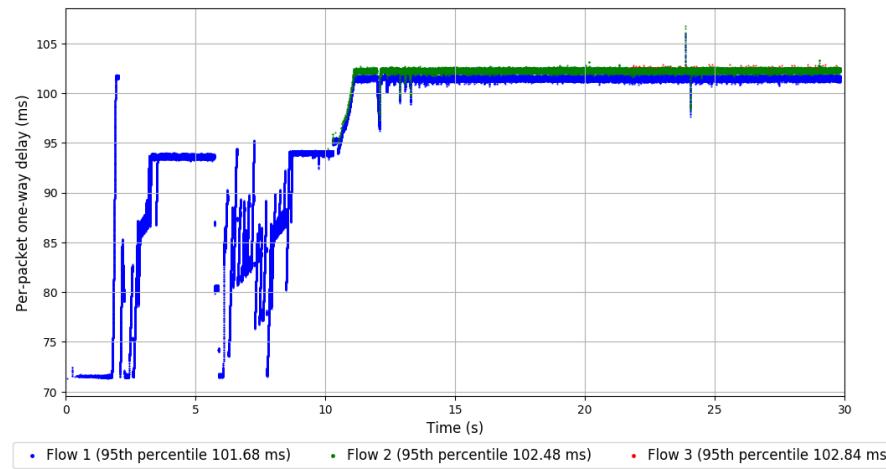
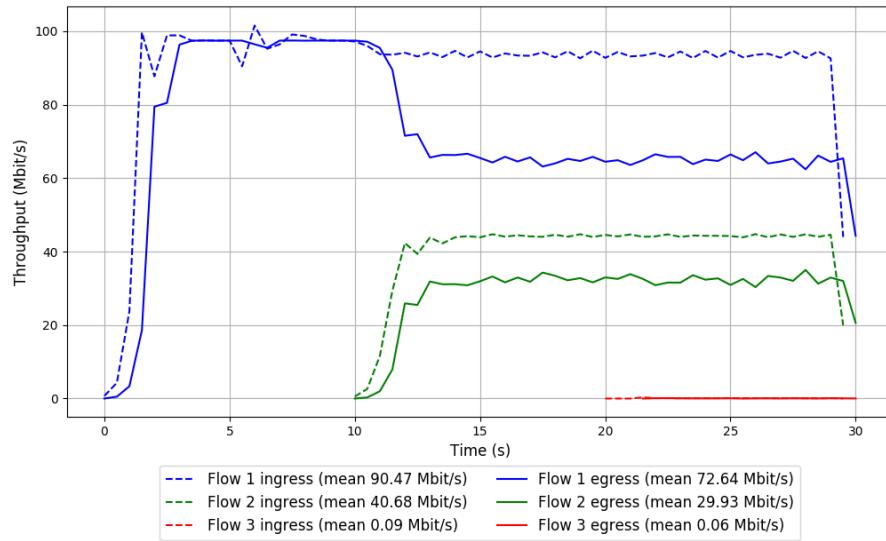


```
Run 5: Statistics of Muses\_DecisionTreeH0

Start at: 2019-09-18 11:41:02
End at: 2019-09-18 11:41:32
Local clock offset: -4.747 ms
Remote clock offset: -27.738 ms

# Below is generated by plot.py at 2019-09-18 11:52:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.50 Mbit/s
95th percentile per-packet one-way delay: 102.367 ms
Loss rate: 21.18%
-- Flow 1:
Average throughput: 72.64 Mbit/s
95th percentile per-packet one-way delay: 101.683 ms
Loss rate: 19.62%
-- Flow 2:
Average throughput: 29.93 Mbit/s
95th percentile per-packet one-way delay: 102.480 ms
Loss rate: 26.40%
-- Flow 3:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 102.845 ms
Loss rate: 46.02%
```

Run 5: Report of Muses_DecisionTreeH0 — Data Link

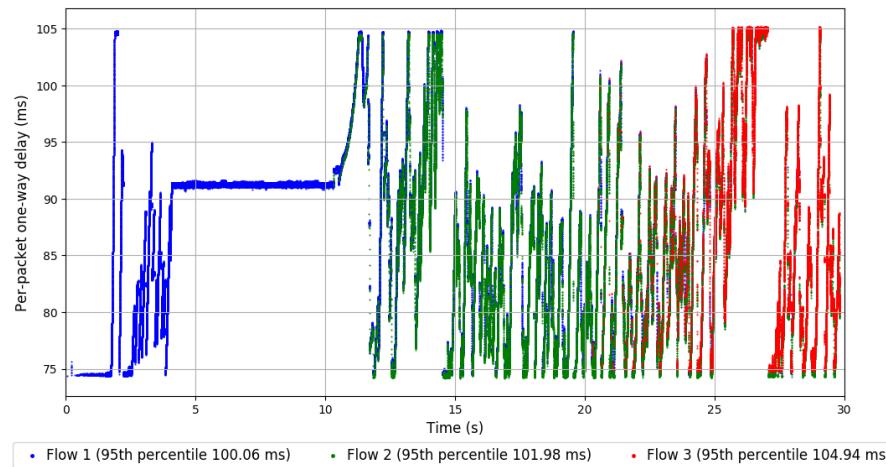
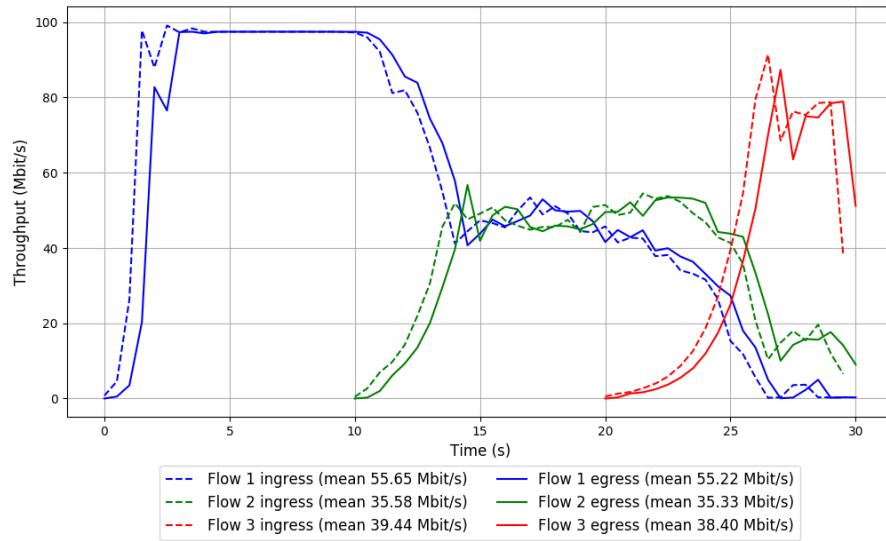


```
Run 1: Statistics of Muses\_DecisionTreeR0

Start at: 2019-09-18 09:13:39
End at: 2019-09-18 09:14:09
Local clock offset: 1.219 ms
Remote clock offset: -12.028 ms

# Below is generated by plot.py at 2019-09-18 11:52:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.08 Mbit/s
95th percentile per-packet one-way delay: 103.569 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 55.22 Mbit/s
95th percentile per-packet one-way delay: 100.059 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 35.33 Mbit/s
95th percentile per-packet one-way delay: 101.979 ms
Loss rate: 0.75%
-- Flow 3:
Average throughput: 38.40 Mbit/s
95th percentile per-packet one-way delay: 104.942 ms
Loss rate: 2.64%
```

Run 1: Report of Muses_DecisionTreeR0 — Data Link

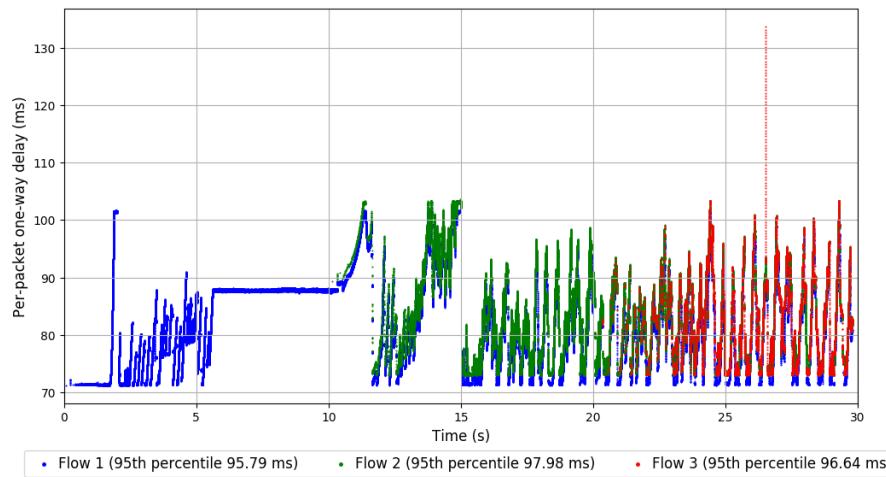
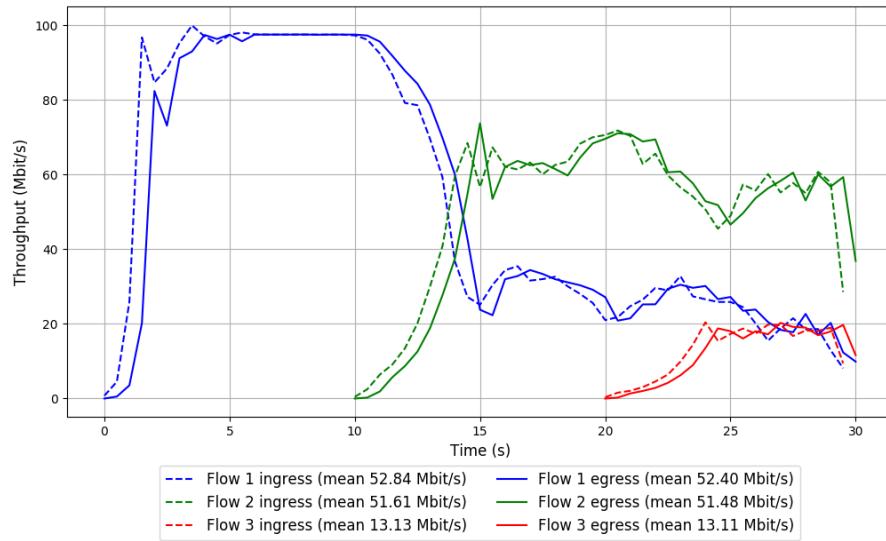


```
Run 2: Statistics of Muses\_DecisionTreeR0

Start at: 2019-09-18 09:44:04
End at: 2019-09-18 09:44:34
Local clock offset: 4.052 ms
Remote clock offset: -17.516 ms

# Below is generated by plot.py at 2019-09-18 11:52:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.66 Mbit/s
95th percentile per-packet one-way delay: 96.856 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 52.40 Mbit/s
95th percentile per-packet one-way delay: 95.787 ms
Loss rate: 0.79%
-- Flow 2:
Average throughput: 51.48 Mbit/s
95th percentile per-packet one-way delay: 97.983 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 13.11 Mbit/s
95th percentile per-packet one-way delay: 96.635 ms
Loss rate: 0.13%
```

Run 2: Report of Muses_DecisionTreeR0 — Data Link

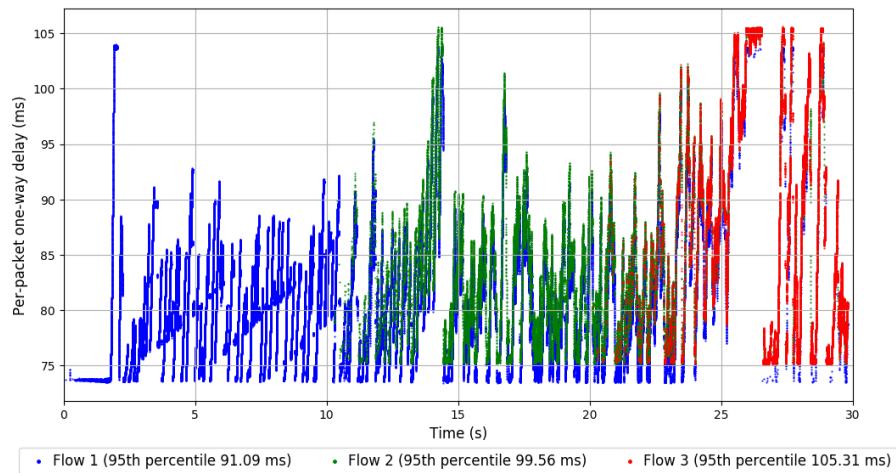
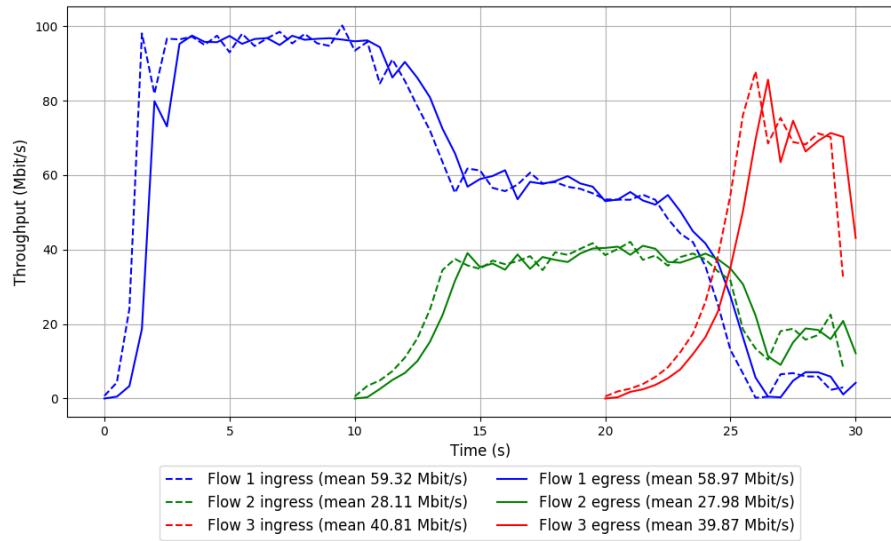


```
Run 3: Statistics of Muses\_DecisionTreeR0

Start at: 2019-09-18 10:14:29
End at: 2019-09-18 10:14:59
Local clock offset: -3.904 ms
Remote clock offset: -17.53 ms

# Below is generated by plot.py at 2019-09-18 11:52:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.47 Mbit/s
95th percentile per-packet one-way delay: 100.918 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 58.97 Mbit/s
95th percentile per-packet one-way delay: 91.093 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 27.98 Mbit/s
95th percentile per-packet one-way delay: 99.559 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 39.87 Mbit/s
95th percentile per-packet one-way delay: 105.310 ms
Loss rate: 2.31%
```

Run 3: Report of Muses_DecisionTreeR0 — Data Link

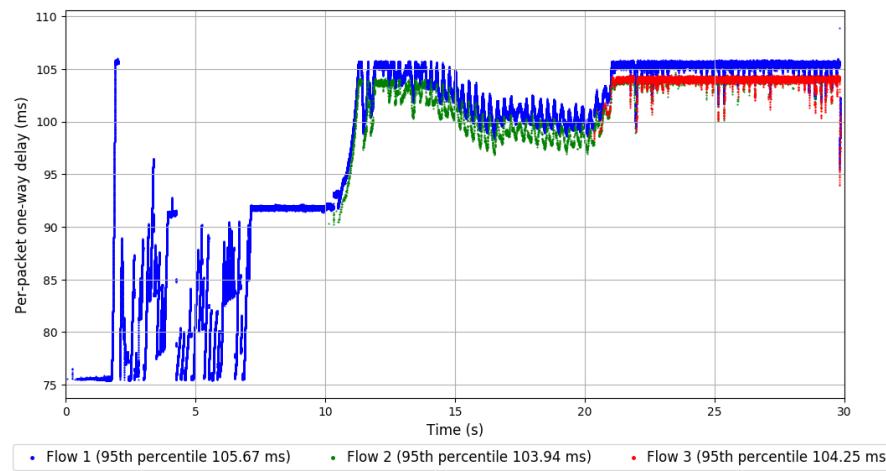
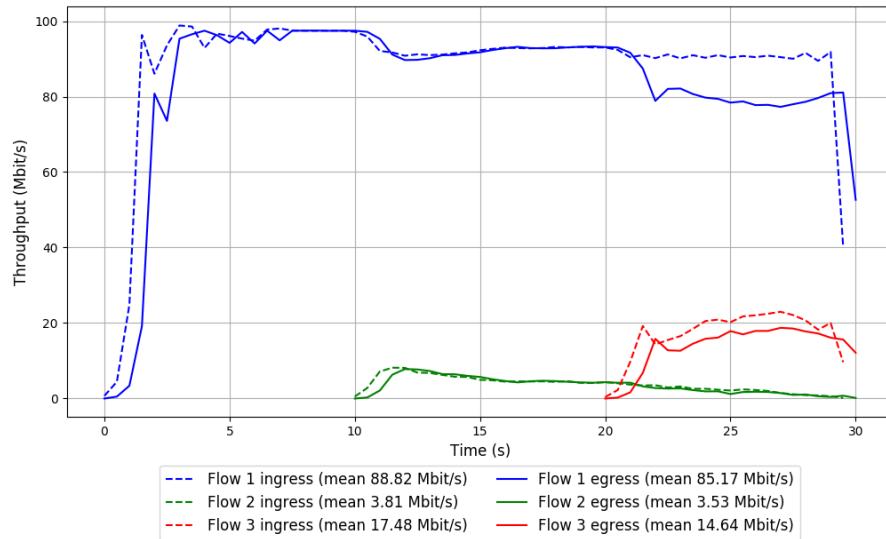


```
Run 4: Statistics of Muses\_DecisionTreeR0

Start at: 2019-09-18 10:45:07
End at: 2019-09-18 10:45:37
Local clock offset: -5.834 ms
Remote clock offset: -19.928 ms

# Below is generated by plot.py at 2019-09-18 11:53:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.27 Mbit/s
95th percentile per-packet one-way delay: 105.672 ms
Loss rate: 4.83%
-- Flow 1:
Average throughput: 85.17 Mbit/s
95th percentile per-packet one-way delay: 105.675 ms
Loss rate: 4.02%
-- Flow 2:
Average throughput: 3.53 Mbit/s
95th percentile per-packet one-way delay: 103.935 ms
Loss rate: 7.35%
-- Flow 3:
Average throughput: 14.64 Mbit/s
95th percentile per-packet one-way delay: 104.254 ms
Loss rate: 16.21%
```

Run 4: Report of Muses_DecisionTreeR0 — Data Link

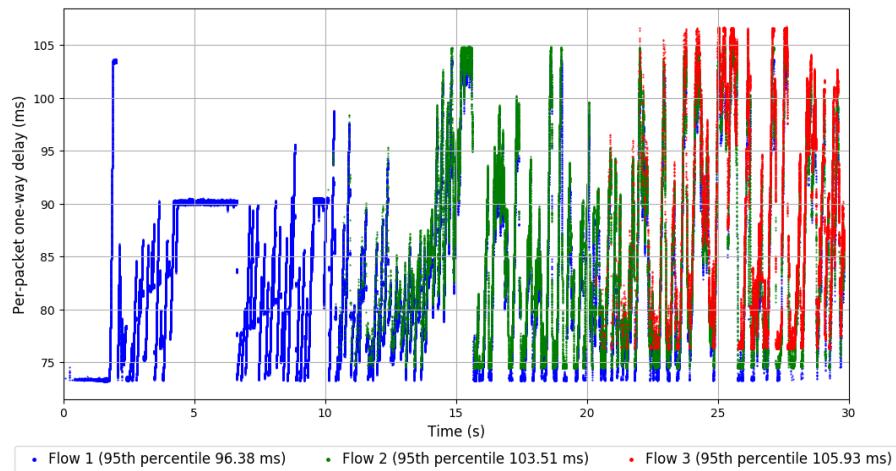
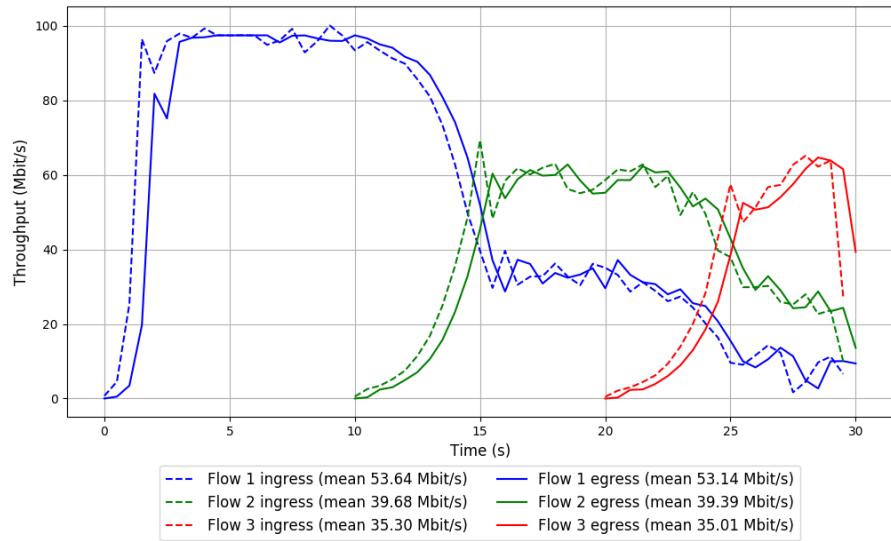


```
Run 5: Statistics of Muses\_DecisionTreeR0

Start at: 2019-09-18 11:15:33
End at: 2019-09-18 11:16:03
Local clock offset: -3.503 ms
Remote clock offset: -22.706 ms

# Below is generated by plot.py at 2019-09-18 11:53:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.61 Mbit/s
95th percentile per-packet one-way delay: 102.245 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 53.14 Mbit/s
95th percentile per-packet one-way delay: 96.382 ms
Loss rate: 0.89%
-- Flow 2:
Average throughput: 39.39 Mbit/s
95th percentile per-packet one-way delay: 103.514 ms
Loss rate: 0.75%
-- Flow 3:
Average throughput: 35.01 Mbit/s
95th percentile per-packet one-way delay: 105.930 ms
Loss rate: 0.78%
```

Run 5: Report of Muses_DecisionTreeR0 — Data Link

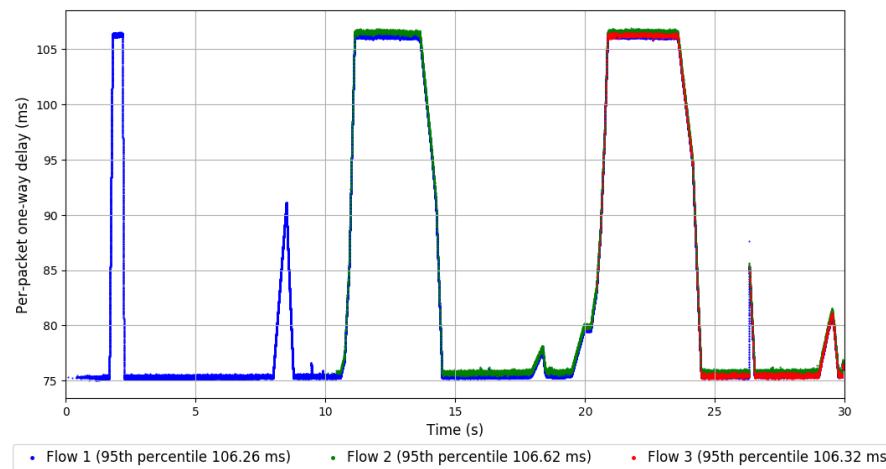
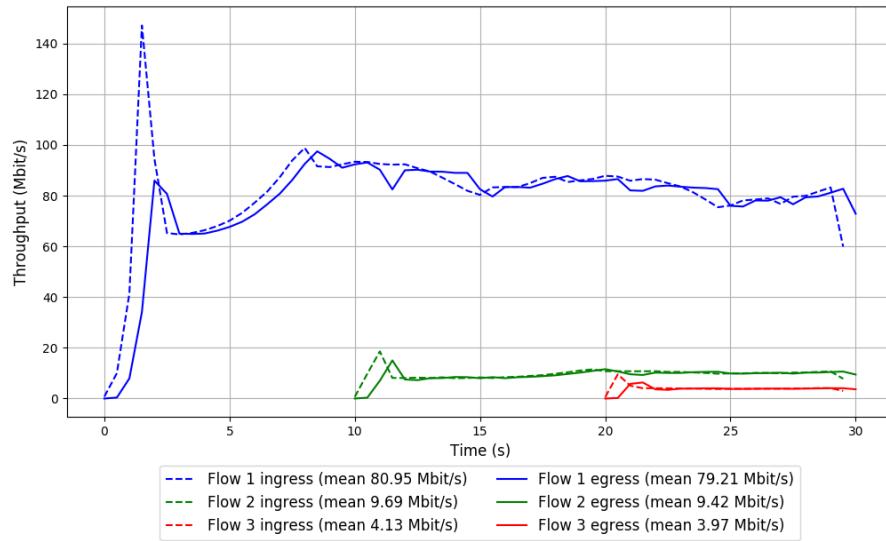


```
Run 1: Statistics of PCC-Allegro

Start at: 2019-09-18 09:20:07
End at: 2019-09-18 09:20:37
Local clock offset: 2.859 ms
Remote clock offset: -12.552 ms

# Below is generated by plot.py at 2019-09-18 11:53:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.78 Mbit/s
95th percentile per-packet one-way delay: 106.286 ms
Loss rate: 2.22%
-- Flow 1:
Average throughput: 79.21 Mbit/s
95th percentile per-packet one-way delay: 106.258 ms
Loss rate: 2.14%
-- Flow 2:
Average throughput: 9.42 Mbit/s
95th percentile per-packet one-way delay: 106.619 ms
Loss rate: 2.76%
-- Flow 3:
Average throughput: 3.97 Mbit/s
95th percentile per-packet one-way delay: 106.324 ms
Loss rate: 4.01%
```

Run 1: Report of PCC-Allegro — Data Link

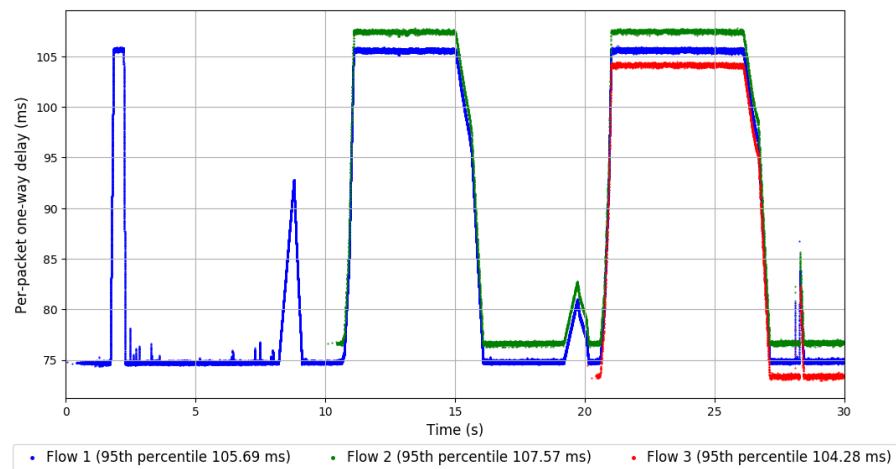
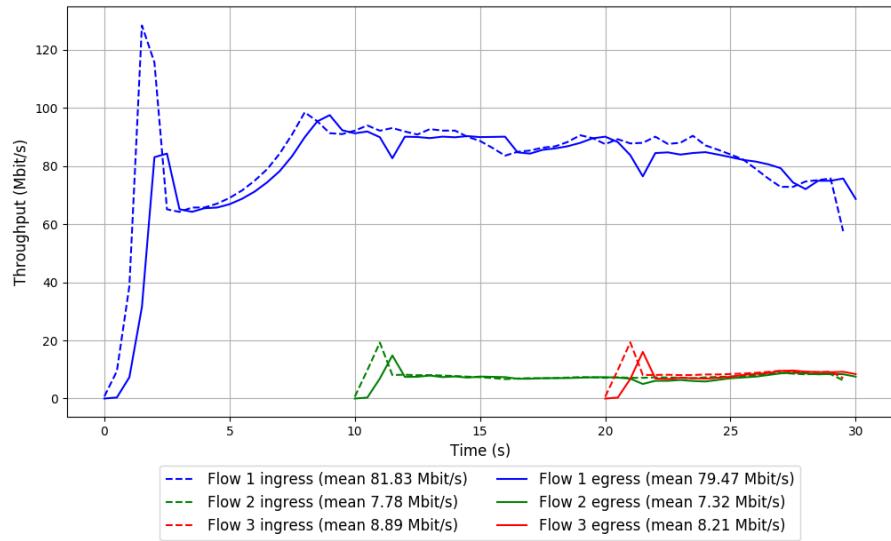


Run 2: Statistics of PCC-Allegro

```
Start at: 2019-09-18 09:50:32
End at: 2019-09-18 09:51:02
Local clock offset: 4.504 ms
Remote clock offset: -16.399 ms

# Below is generated by plot.py at 2019-09-18 11:53:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.04 Mbit/s
95th percentile per-packet one-way delay: 105.723 ms
Loss rate: 3.22%
-- Flow 1:
Average throughput: 79.47 Mbit/s
95th percentile per-packet one-way delay: 105.689 ms
Loss rate: 2.89%
-- Flow 2:
Average throughput: 7.32 Mbit/s
95th percentile per-packet one-way delay: 107.568 ms
Loss rate: 5.92%
-- Flow 3:
Average throughput: 8.21 Mbit/s
95th percentile per-packet one-way delay: 104.278 ms
Loss rate: 7.59%
```

Run 2: Report of PCC-Allegro — Data Link

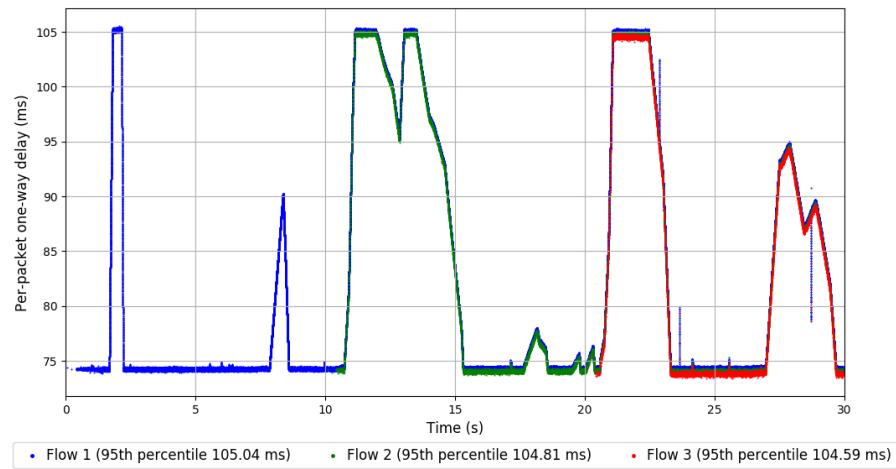
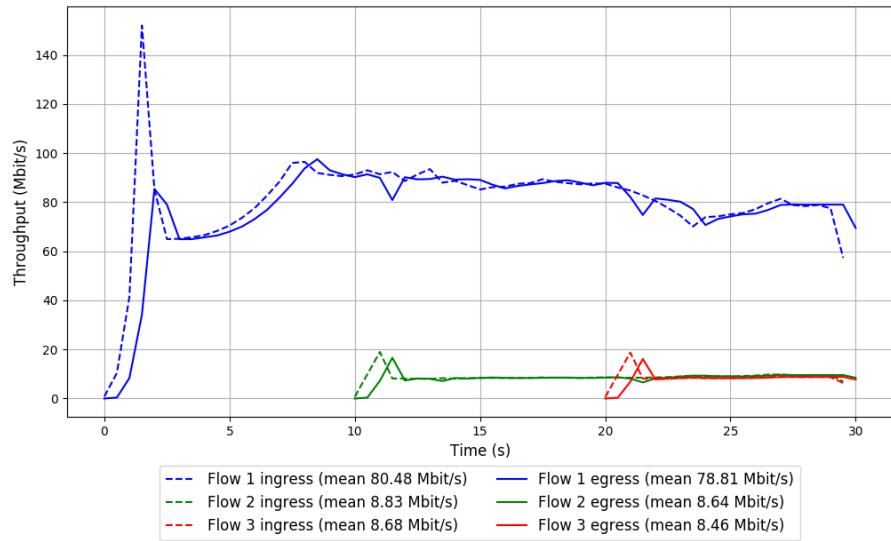


Run 3: Statistics of PCC-Allegro

```
Start at: 2019-09-18 10:20:56
End at: 2019-09-18 10:21:26
Local clock offset: -5.644 ms
Remote clock offset: -18.258 ms

# Below is generated by plot.py at 2019-09-18 11:54:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.35 Mbit/s
95th percentile per-packet one-way delay: 105.021 ms
Loss rate: 2.09%
-- Flow 1:
Average throughput: 78.81 Mbit/s
95th percentile per-packet one-way delay: 105.036 ms
Loss rate: 2.07%
-- Flow 2:
Average throughput: 8.64 Mbit/s
95th percentile per-packet one-way delay: 104.811 ms
Loss rate: 2.15%
-- Flow 3:
Average throughput: 8.46 Mbit/s
95th percentile per-packet one-way delay: 104.586 ms
Loss rate: 2.57%
```

Run 3: Report of PCC-Allegro — Data Link

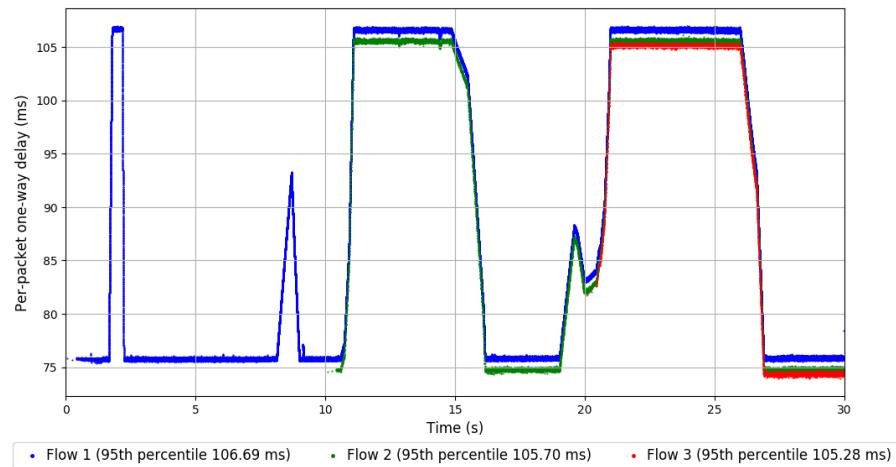
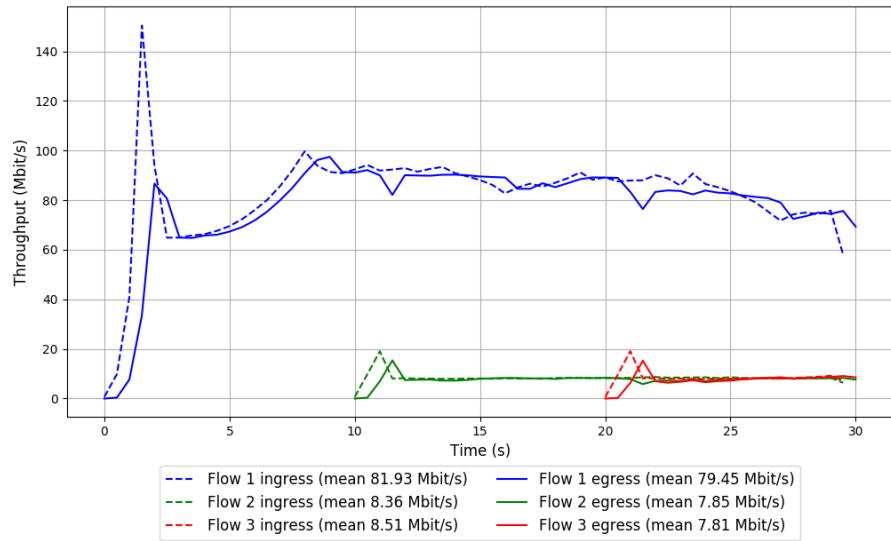


Run 4: Statistics of PCC-Allegro

```
Start at: 2019-09-18 10:51:36
End at: 2019-09-18 10:52:06
Local clock offset: -5.962 ms
Remote clock offset: -20.249 ms

# Below is generated by plot.py at 2019-09-18 11:54:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.25 Mbit/s
95th percentile per-packet one-way delay: 106.686 ms
Loss rate: 3.38%
-- Flow 1:
Average throughput: 79.45 Mbit/s
95th percentile per-packet one-way delay: 106.693 ms
Loss rate: 3.02%
-- Flow 2:
Average throughput: 7.85 Mbit/s
95th percentile per-packet one-way delay: 105.698 ms
Loss rate: 6.11%
-- Flow 3:
Average throughput: 7.81 Mbit/s
95th percentile per-packet one-way delay: 105.275 ms
Loss rate: 8.38%
```

Run 4: Report of PCC-Allegro — Data Link

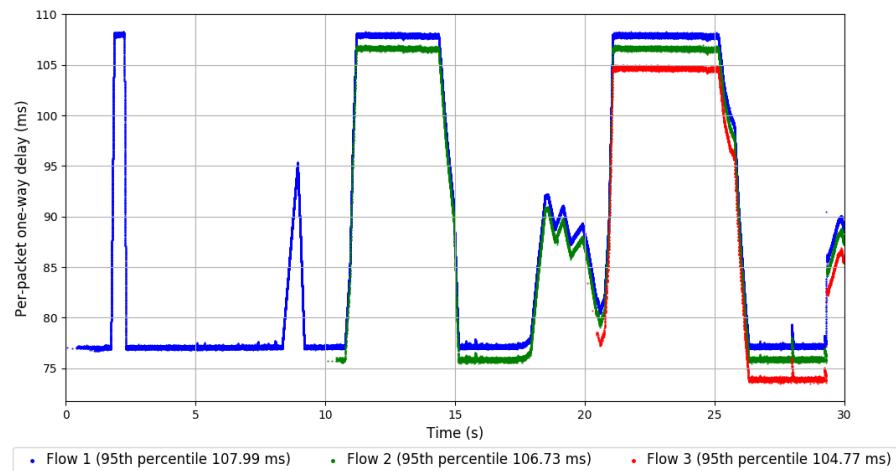
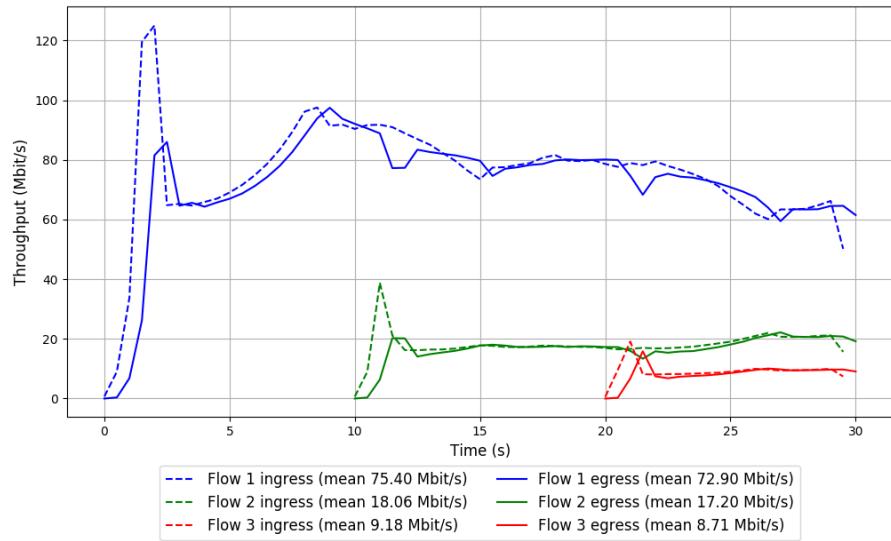


Run 5: Statistics of PCC-Allegro

```
Start at: 2019-09-18 11:22:06
End at: 2019-09-18 11:22:36
Local clock offset: -3.364 ms
Remote clock offset: -22.567 ms

# Below is generated by plot.py at 2019-09-18 11:54:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.21 Mbit/s
95th percentile per-packet one-way delay: 107.977 ms
Loss rate: 3.54%
-- Flow 1:
Average throughput: 72.90 Mbit/s
95th percentile per-packet one-way delay: 107.990 ms
Loss rate: 3.29%
-- Flow 2:
Average throughput: 17.20 Mbit/s
95th percentile per-packet one-way delay: 106.726 ms
Loss rate: 4.67%
-- Flow 3:
Average throughput: 8.71 Mbit/s
95th percentile per-packet one-way delay: 104.774 ms
Loss rate: 5.08%
```

Run 5: Report of PCC-Allegro — Data Link

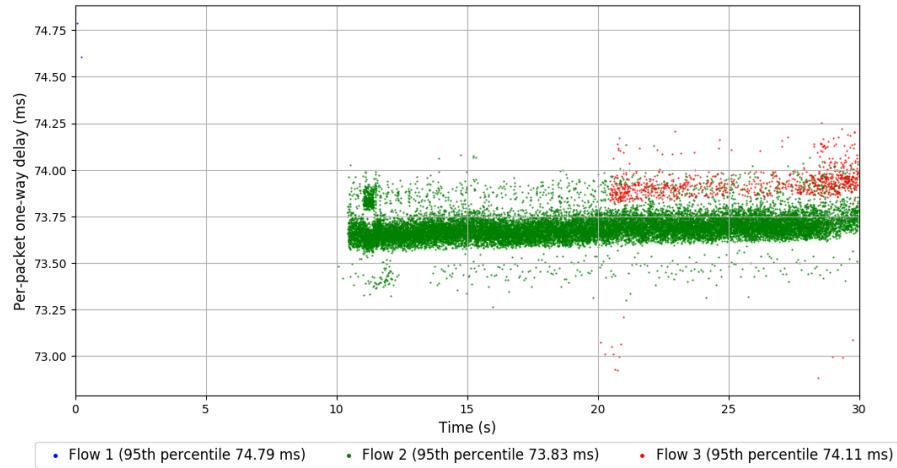
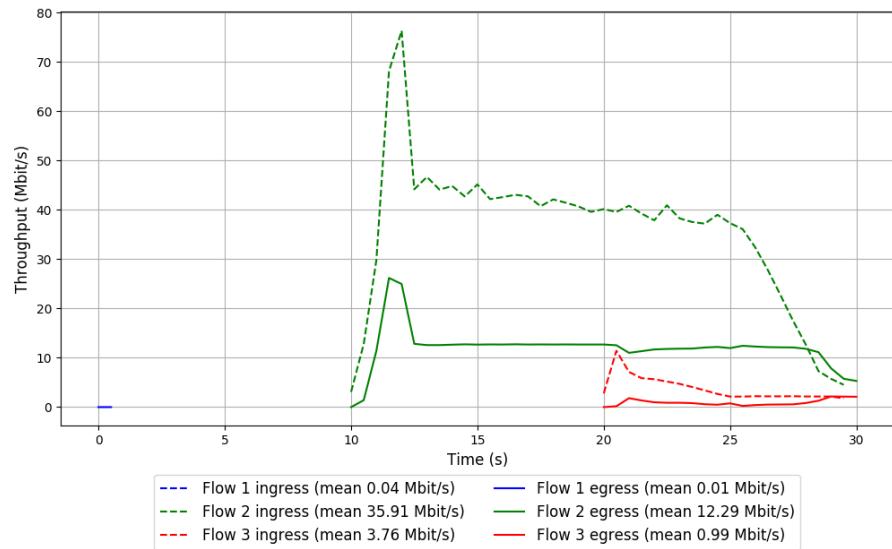


Run 1: Statistics of PCC-Expr

```
Start at: 2019-09-18 09:22:35
End at: 2019-09-18 09:23:05
Local clock offset: 3.125 ms
Remote clock offset: -13.396 ms

# Below is generated by plot.py at 2019-09-18 11:54:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.50 Mbit/s
95th percentile per-packet one-way delay: 73.891 ms
Loss rate: 66.17%
-- Flow 1:
Average throughput: 0.01 Mbit/s
95th percentile per-packet one-way delay: 74.786 ms
Loss rate: 85.71%
-- Flow 2:
Average throughput: 12.29 Mbit/s
95th percentile per-packet one-way delay: 73.825 ms
Loss rate: 65.78%
-- Flow 3:
Average throughput: 0.99 Mbit/s
95th percentile per-packet one-way delay: 74.107 ms
Loss rate: 73.65%
```

Run 1: Report of PCC-Expr — Data Link

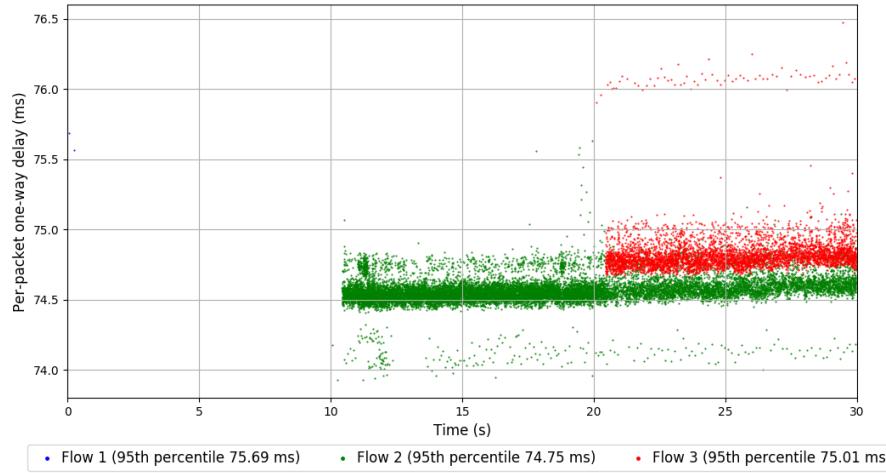
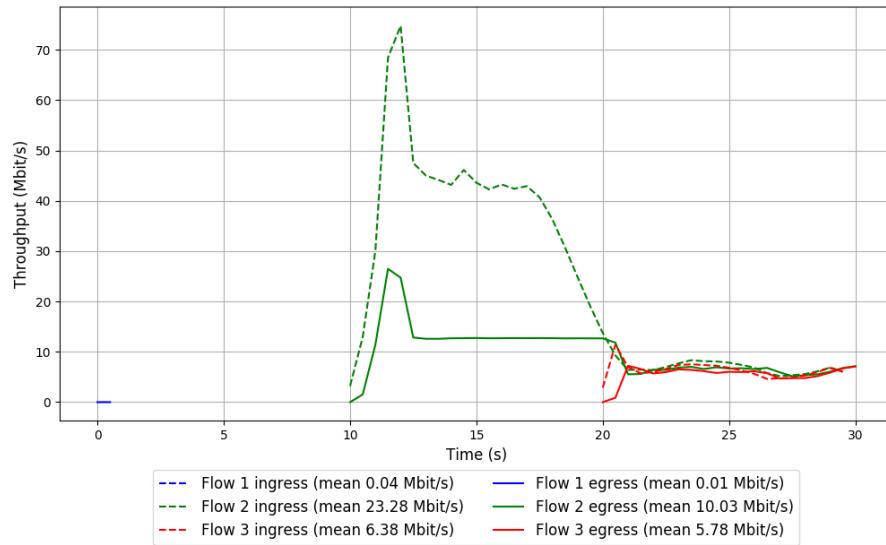


Run 2: Statistics of PCC-Expr

```
Start at: 2019-09-18 09:53:00
End at: 2019-09-18 09:53:30
Local clock offset: 4.66 ms
Remote clock offset: -15.777 ms

# Below is generated by plot.py at 2019-09-18 11:54:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.58 Mbit/s
95th percentile per-packet one-way delay: 74.869 ms
Loss rate: 51.22%
-- Flow 1:
Average throughput: 0.01 Mbit/s
95th percentile per-packet one-way delay: 75.686 ms
Loss rate: 85.71%
-- Flow 2:
Average throughput: 10.03 Mbit/s
95th percentile per-packet one-way delay: 74.752 ms
Loss rate: 56.90%
-- Flow 3:
Average throughput: 5.78 Mbit/s
95th percentile per-packet one-way delay: 75.010 ms
Loss rate: 9.47%
```

Run 2: Report of PCC-Expr — Data Link

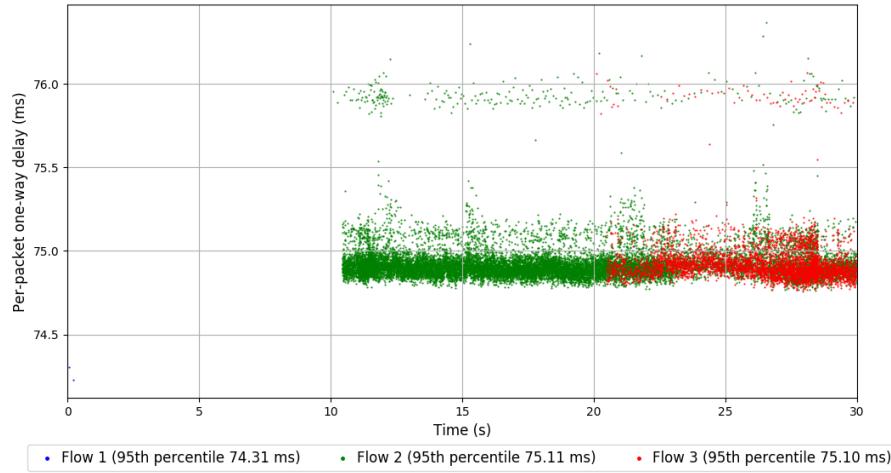
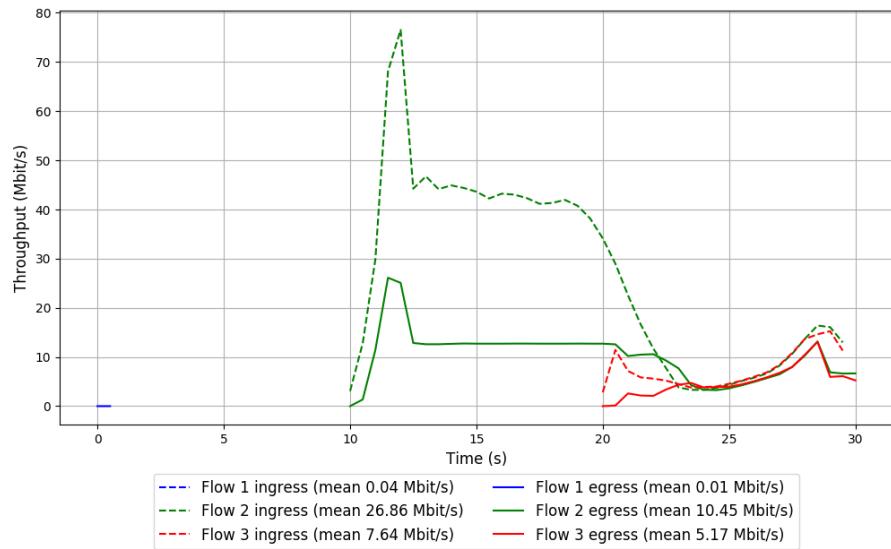


Run 3: Statistics of PCC-Expr

```
Start at: 2019-09-18 10:23:24
End at: 2019-09-18 10:23:54
Local clock offset: -6.143 ms
Remote clock offset: -17.74 ms

# Below is generated by plot.py at 2019-09-18 11:54:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.65 Mbit/s
95th percentile per-packet one-way delay: 75.108 ms
Loss rate: 57.56%
-- Flow 1:
Average throughput: 0.01 Mbit/s
95th percentile per-packet one-way delay: 74.306 ms
Loss rate: 85.71%
-- Flow 2:
Average throughput: 10.45 Mbit/s
95th percentile per-packet one-way delay: 75.109 ms
Loss rate: 61.11%
-- Flow 3:
Average throughput: 5.17 Mbit/s
95th percentile per-packet one-way delay: 75.101 ms
Loss rate: 32.37%
```

Run 3: Report of PCC-Expr — Data Link

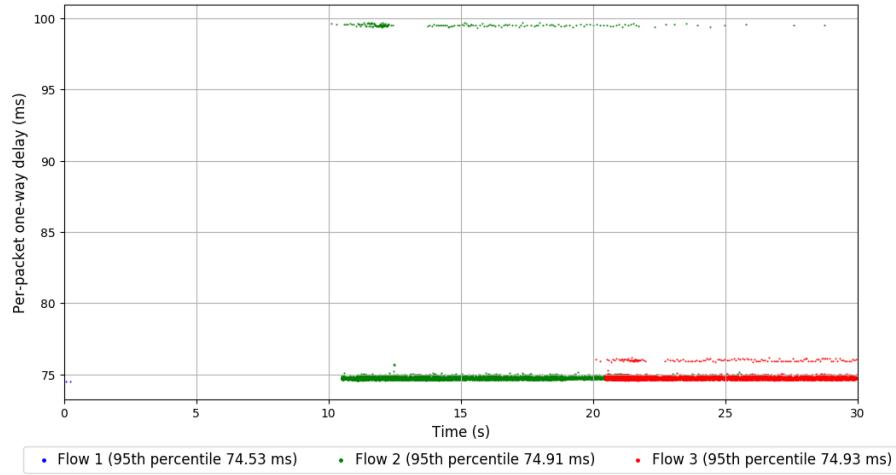
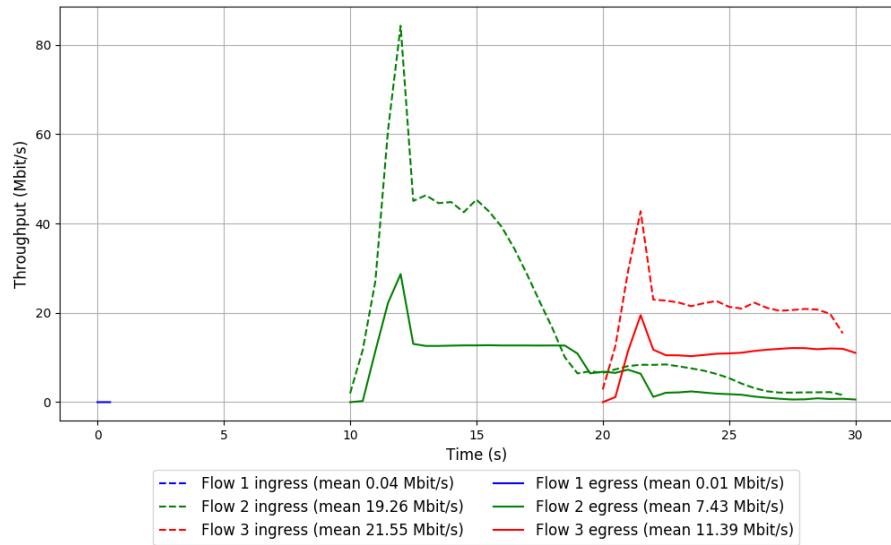


Run 4: Statistics of PCC-Expr

```
Start at: 2019-09-18 10:54:04
End at: 2019-09-18 10:54:34
Local clock offset: -6.065 ms
Remote clock offset: -20.661 ms

# Below is generated by plot.py at 2019-09-18 11:54:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.68 Mbit/s
95th percentile per-packet one-way delay: 74.919 ms
Loss rate: 56.41%
-- Flow 1:
Average throughput: 0.01 Mbit/s
95th percentile per-packet one-way delay: 74.534 ms
Loss rate: 85.71%
-- Flow 2:
Average throughput: 7.43 Mbit/s
95th percentile per-packet one-way delay: 74.910 ms
Loss rate: 61.54%
-- Flow 3:
Average throughput: 11.39 Mbit/s
95th percentile per-packet one-way delay: 74.927 ms
Loss rate: 47.18%
```

Run 4: Report of PCC-Expr — Data Link

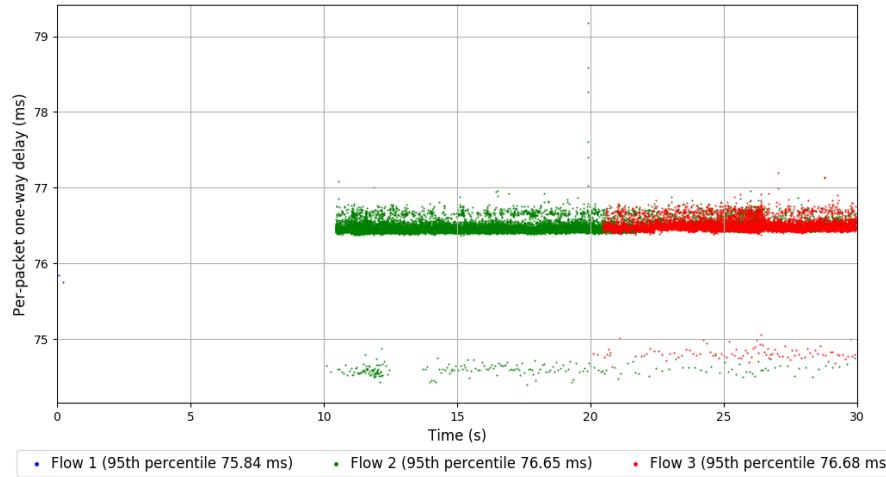
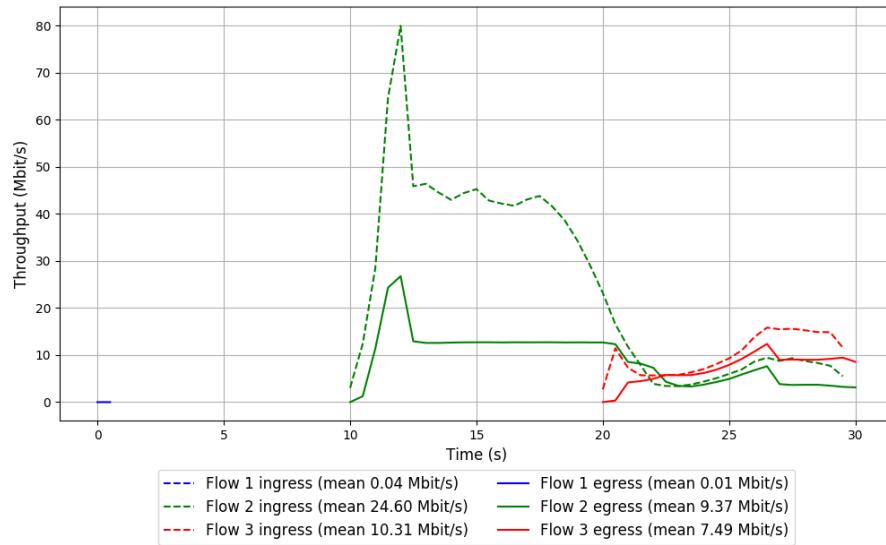


Run 5: Statistics of PCC-Expr

```
Start at: 2019-09-18 11:24:34
End at: 2019-09-18 11:25:04
Local clock offset: -3.384 ms
Remote clock offset: -22.228 ms

# Below is generated by plot.py at 2019-09-18 11:54:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.70 Mbit/s
95th percentile per-packet one-way delay: 76.661 ms
Loss rate: 55.97%
-- Flow 1:
Average throughput: 0.01 Mbit/s
95th percentile per-packet one-way delay: 75.845 ms
Loss rate: 85.71%
-- Flow 2:
Average throughput: 9.37 Mbit/s
95th percentile per-packet one-way delay: 76.653 ms
Loss rate: 61.92%
-- Flow 3:
Average throughput: 7.49 Mbit/s
95th percentile per-packet one-way delay: 76.679 ms
Loss rate: 27.37%
```

Run 5: Report of PCC-Expr — Data Link

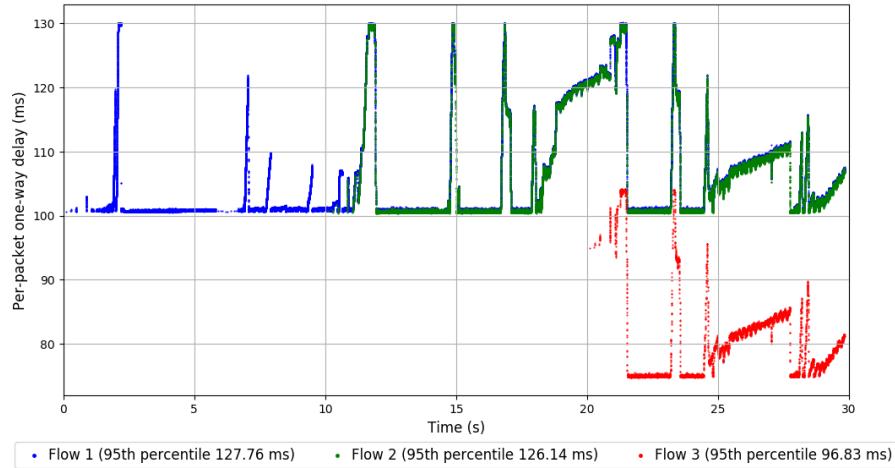
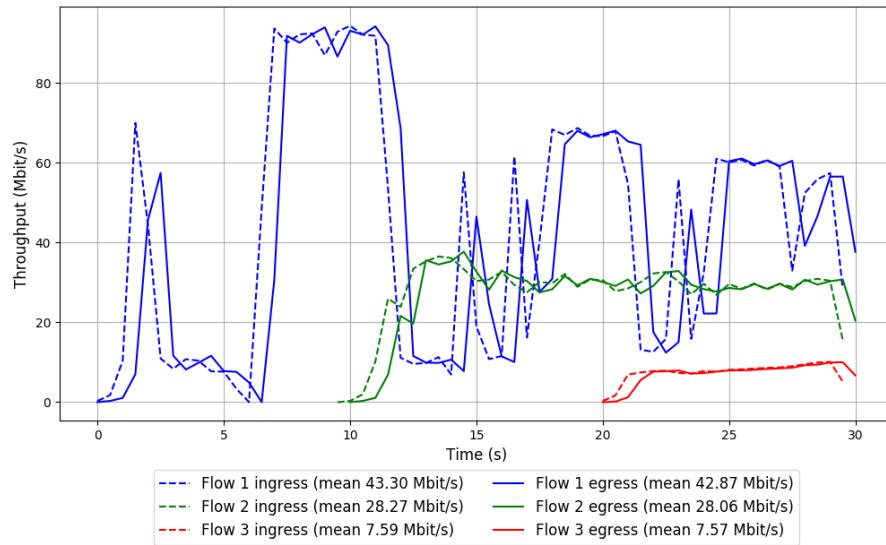


```
Run 1: Statistics of QUIC Cubic
```

```
Start at: 2019-09-18 09:37:47
End at: 2019-09-18 09:38:17
Local clock offset: 3.594 ms
Remote clock offset: -13.532 ms

# Below is generated by plot.py at 2019-09-18 11:54:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 63.98 Mbit/s
95th percentile per-packet one-way delay: 127.277 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 42.87 Mbit/s
95th percentile per-packet one-way delay: 127.763 ms
Loss rate: 1.06%
-- Flow 2:
Average throughput: 28.06 Mbit/s
95th percentile per-packet one-way delay: 126.137 ms
Loss rate: 0.84%
-- Flow 3:
Average throughput: 7.57 Mbit/s
95th percentile per-packet one-way delay: 96.830 ms
Loss rate: 0.44%
```

Run 1: Report of QUIC Cubic — Data Link

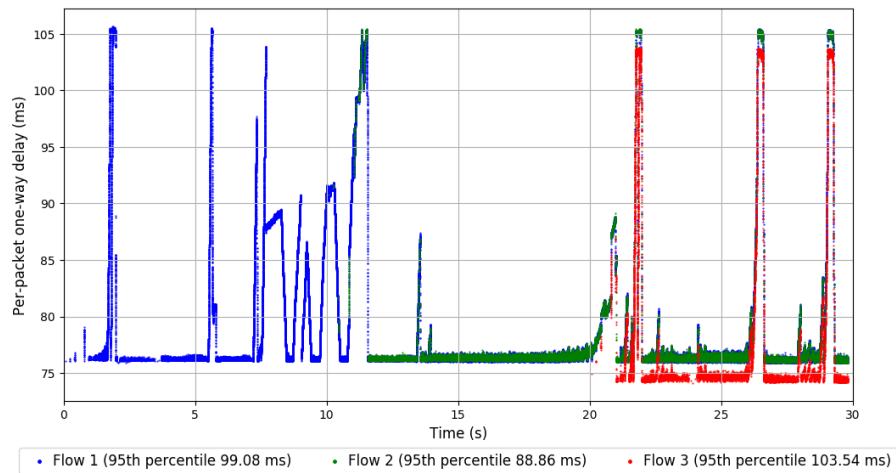
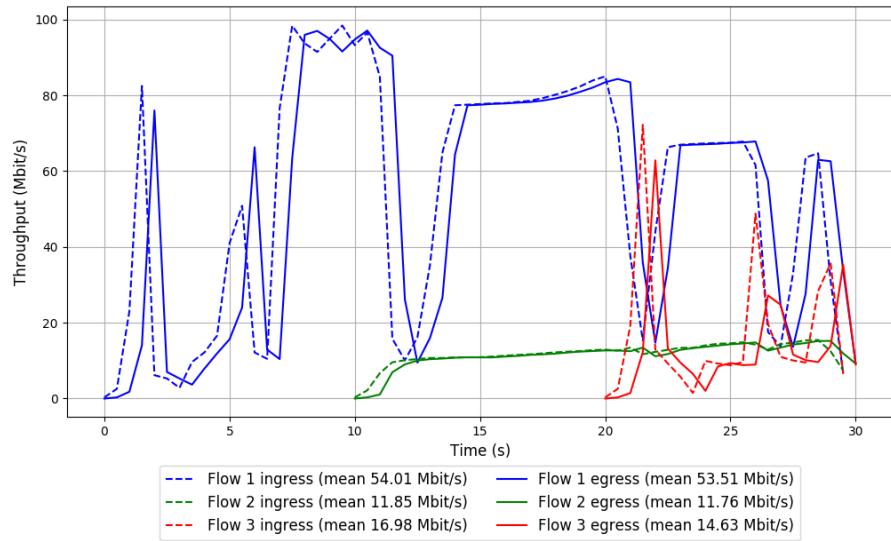


Run 2: Statistics of QUIC Cubic

```
Start at: 2019-09-18 10:08:11
End at: 2019-09-18 10:08:41
Local clock offset: -1.096 ms
Remote clock offset: -15.997 ms

# Below is generated by plot.py at 2019-09-18 11:54:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 66.11 Mbit/s
95th percentile per-packet one-way delay: 100.977 ms
Loss rate: 1.98%
-- Flow 1:
Average throughput: 53.51 Mbit/s
95th percentile per-packet one-way delay: 99.084 ms
Loss rate: 0.92%
-- Flow 2:
Average throughput: 11.76 Mbit/s
95th percentile per-packet one-way delay: 88.859 ms
Loss rate: 0.87%
-- Flow 3:
Average throughput: 14.63 Mbit/s
95th percentile per-packet one-way delay: 103.536 ms
Loss rate: 13.82%
```

Run 2: Report of QUIC Cubic — Data Link

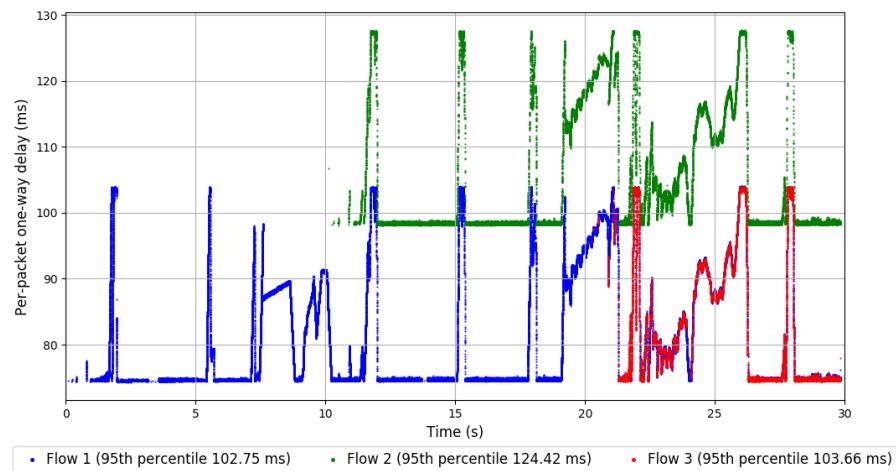
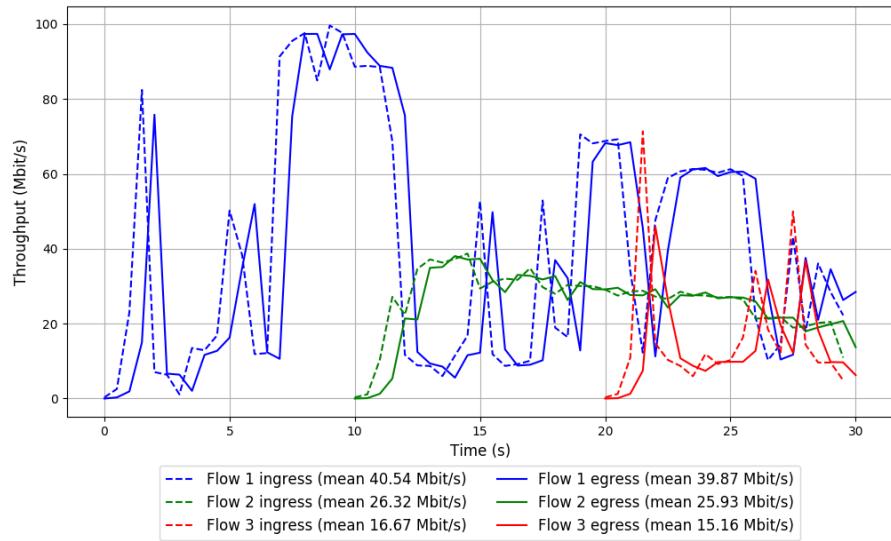


Run 3: Statistics of QUIC Cubic

```
Start at: 2019-09-18 10:38:48
End at: 2019-09-18 10:39:18
Local clock offset: -5.276 ms
Remote clock offset: -20.23 ms

# Below is generated by plot.py at 2019-09-18 11:54:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 61.98 Mbit/s
95th percentile per-packet one-way delay: 116.188 ms
Loss rate: 2.31%
-- Flow 1:
Average throughput: 39.87 Mbit/s
95th percentile per-packet one-way delay: 102.750 ms
Loss rate: 1.65%
-- Flow 2:
Average throughput: 25.93 Mbit/s
95th percentile per-packet one-way delay: 124.419 ms
Loss rate: 1.65%
-- Flow 3:
Average throughput: 15.16 Mbit/s
95th percentile per-packet one-way delay: 103.664 ms
Loss rate: 9.27%
```

Run 3: Report of QUIC Cubic — Data Link

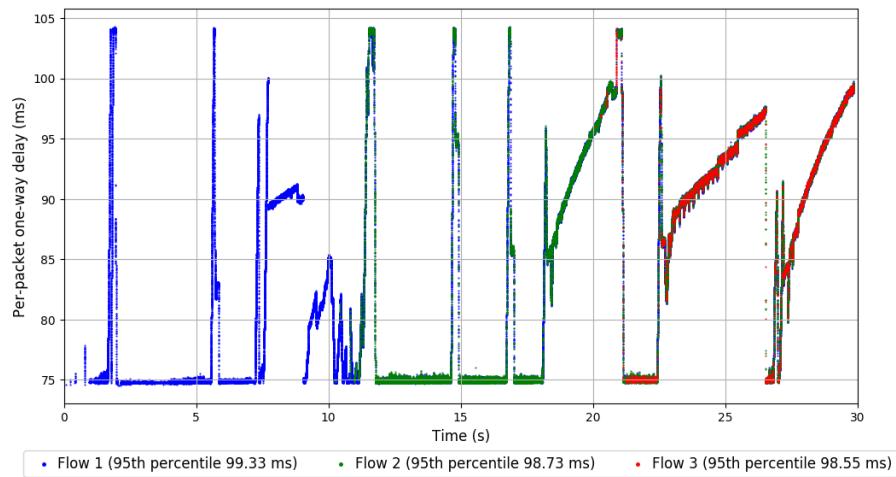
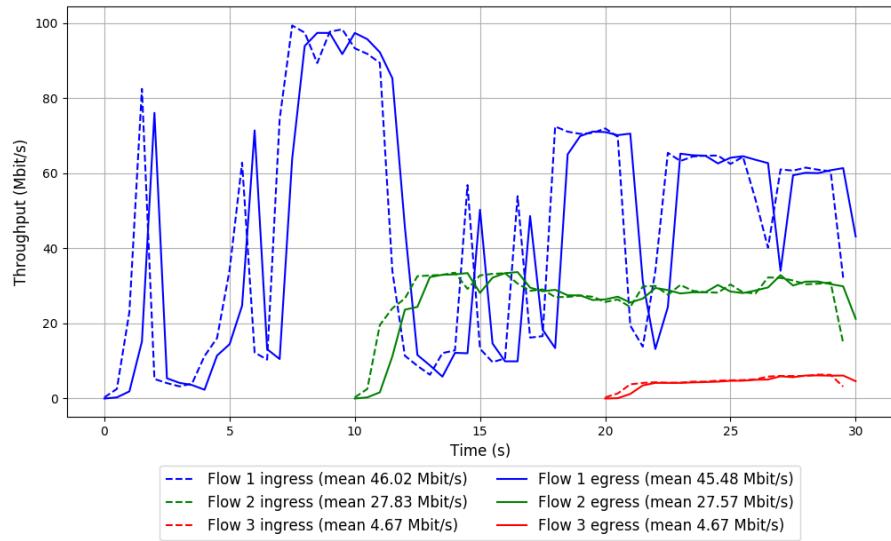


Run 4: Statistics of QUIC Cubic

```
Start at: 2019-09-18 11:09:15
End at: 2019-09-18 11:09:45
Local clock offset: -3.935 ms
Remote clock offset: -21.892 ms

# Below is generated by plot.py at 2019-09-18 11:54:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 65.30 Mbit/s
95th percentile per-packet one-way delay: 99.112 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 45.48 Mbit/s
95th percentile per-packet one-way delay: 99.329 ms
Loss rate: 1.10%
-- Flow 2:
Average throughput: 27.57 Mbit/s
95th percentile per-packet one-way delay: 98.733 ms
Loss rate: 0.88%
-- Flow 3:
Average throughput: 4.67 Mbit/s
95th percentile per-packet one-way delay: 98.554 ms
Loss rate: 0.05%
```

Run 4: Report of QUIC Cubic — Data Link

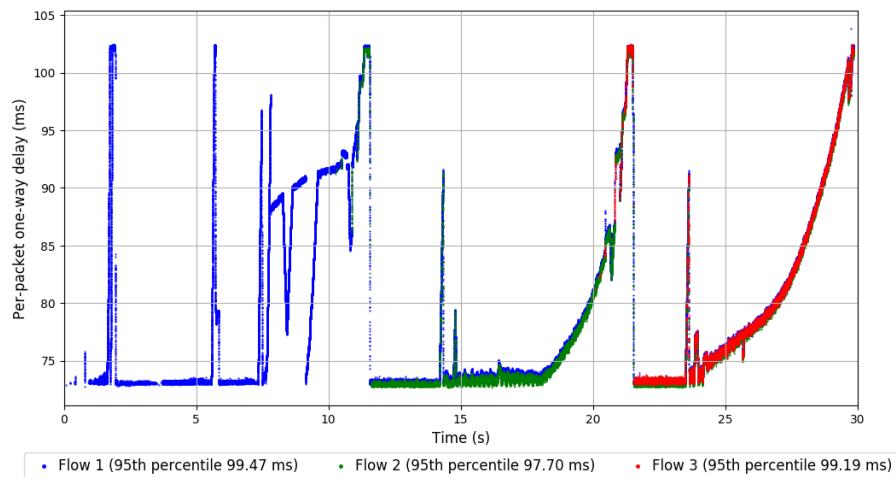
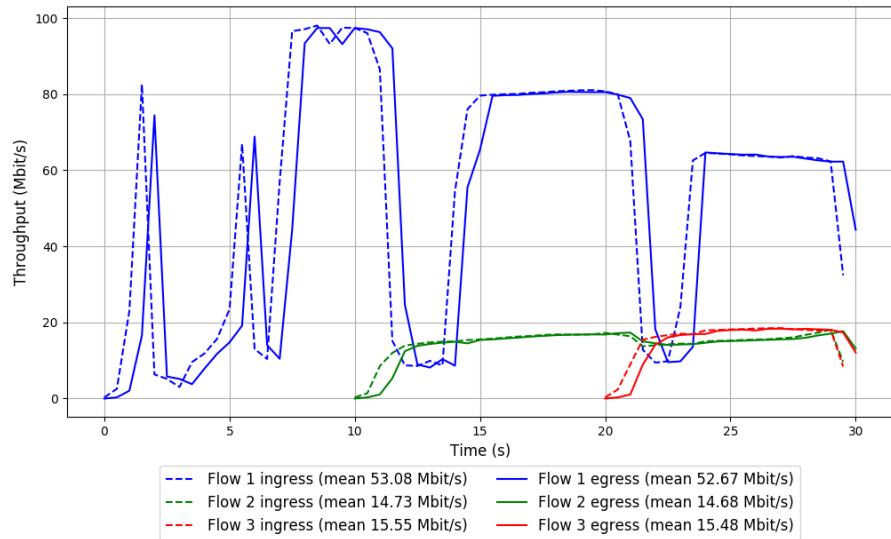


Run 5: Statistics of QUIC Cubic

```
Start at: 2019-09-18 11:39:46
End at: 2019-09-18 11:40:16
Local clock offset: -3.927 ms
Remote clock offset: -24.592 ms

# Below is generated by plot.py at 2019-09-18 11:54:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 67.47 Mbit/s
95th percentile per-packet one-way delay: 99.328 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 52.67 Mbit/s
95th percentile per-packet one-way delay: 99.473 ms
Loss rate: 0.68%
-- Flow 2:
Average throughput: 14.68 Mbit/s
95th percentile per-packet one-way delay: 97.697 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 15.48 Mbit/s
95th percentile per-packet one-way delay: 99.188 ms
Loss rate: 0.18%
```

Run 5: Report of QUIC Cubic — Data Link

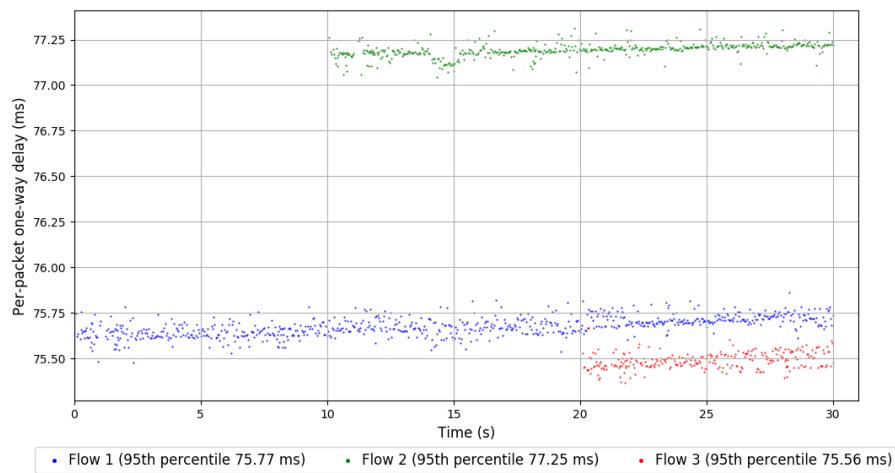
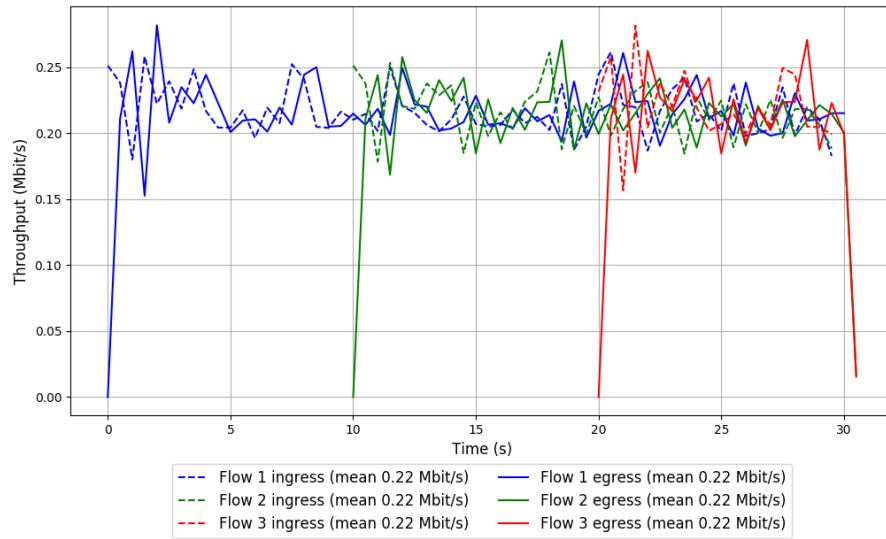


Run 1: Statistics of SCReAM

```
Start at: 2019-09-18 09:21:23
End at: 2019-09-18 09:21:53
Local clock offset: 2.235 ms
Remote clock offset: -11.61 ms

# Below is generated by plot.py at 2019-09-18 11:54:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 77.222 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 75.765 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 77.250 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 75.557 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

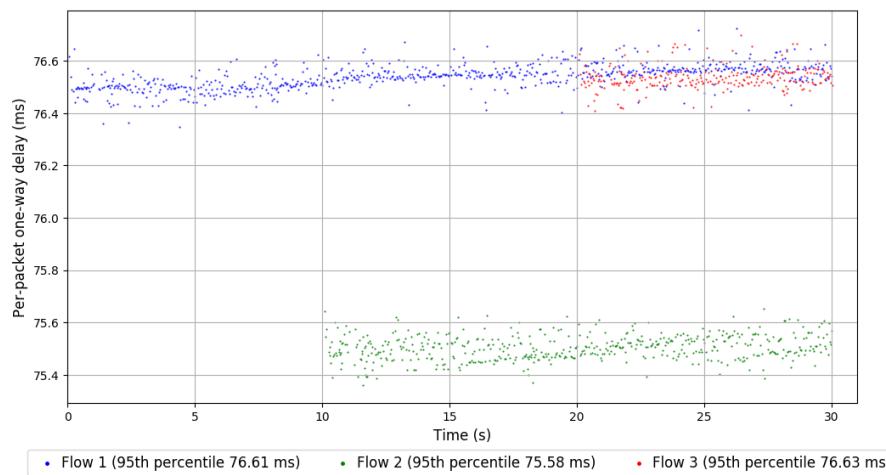
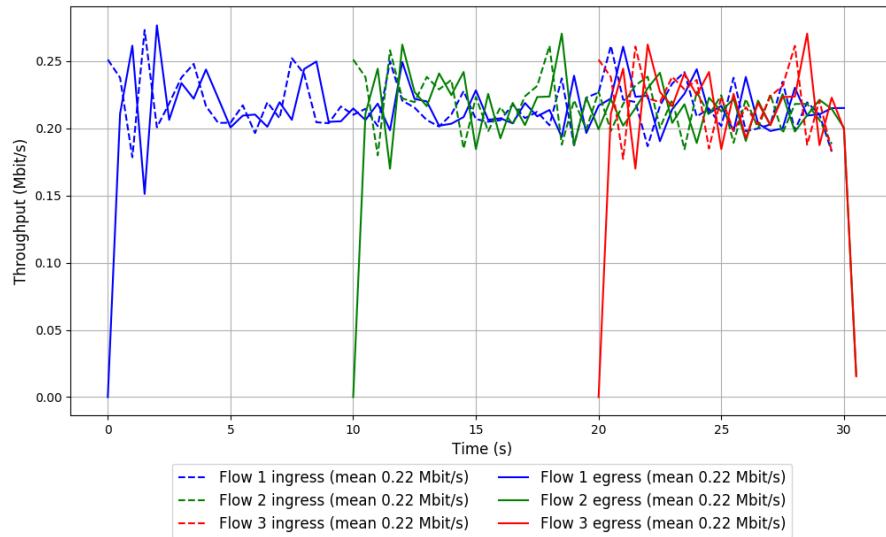


Run 2: Statistics of SCReAM

```
Start at: 2019-09-18 09:51:48
End at: 2019-09-18 09:52:18
Local clock offset: 4.556 ms
Remote clock offset: -14.763 ms

# Below is generated by plot.py at 2019-09-18 11:54:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 76.600 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 76.612 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 75.583 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 76.632 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

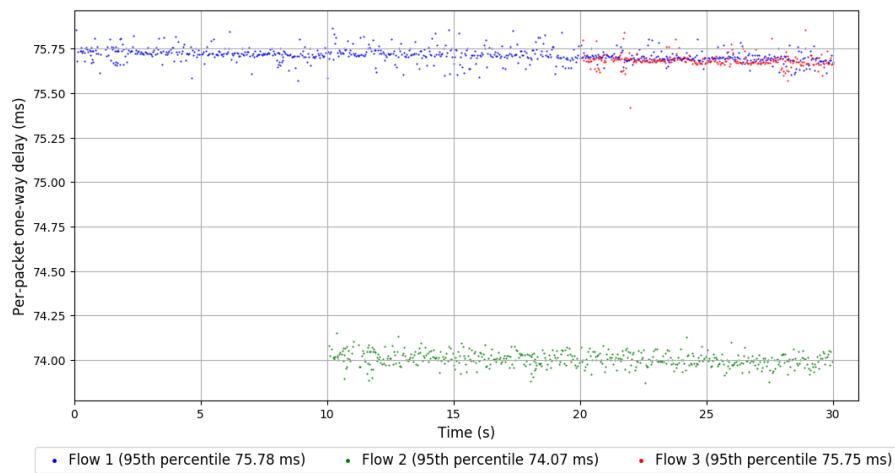
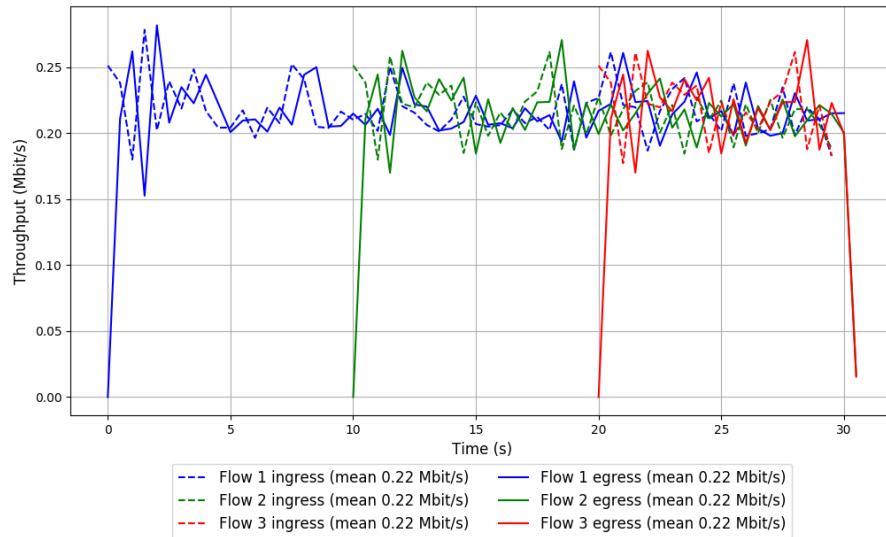


Run 3: Statistics of SCReAM

```
Start at: 2019-09-18 10:22:12
End at: 2019-09-18 10:22:42
Local clock offset: -5.13 ms
Remote clock offset: -17.102 ms

# Below is generated by plot.py at 2019-09-18 11:54:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 75.761 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 75.785 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 74.070 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 75.747 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

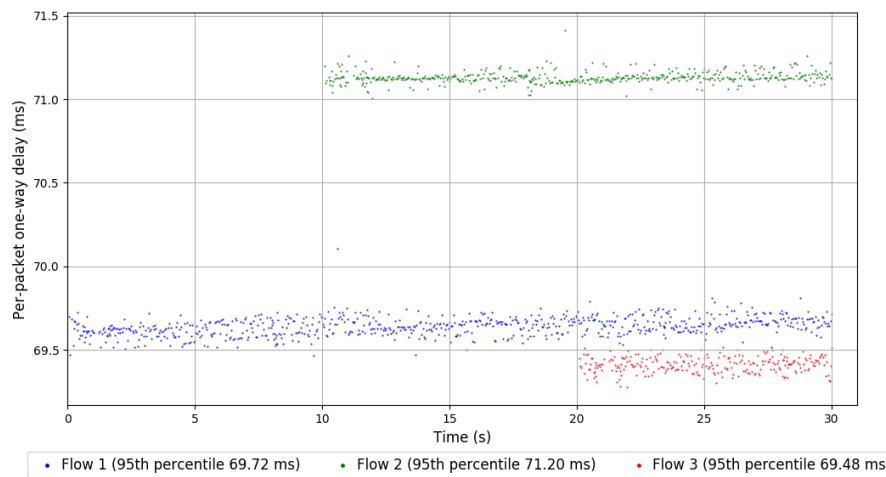
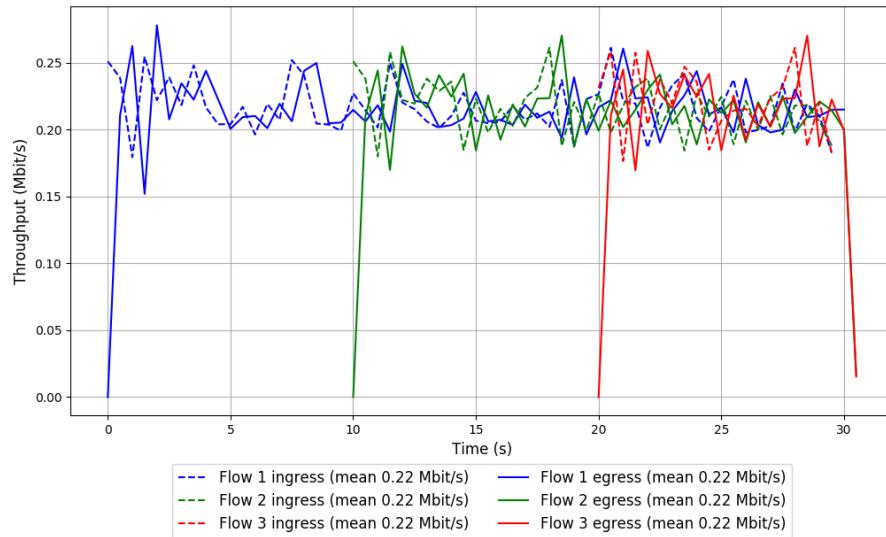


Run 4: Statistics of SCReAM

```
Start at: 2019-09-18 10:52:52
End at: 2019-09-18 10:53:22
Local clock offset: -6.102 ms
Remote clock offset: -25.073 ms

# Below is generated by plot.py at 2019-09-18 11:54:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 71.162 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 69.724 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 71.197 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 69.485 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

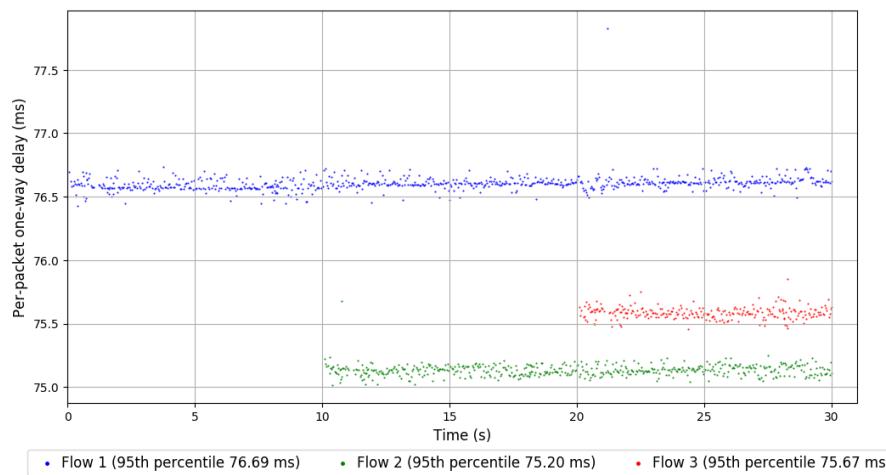
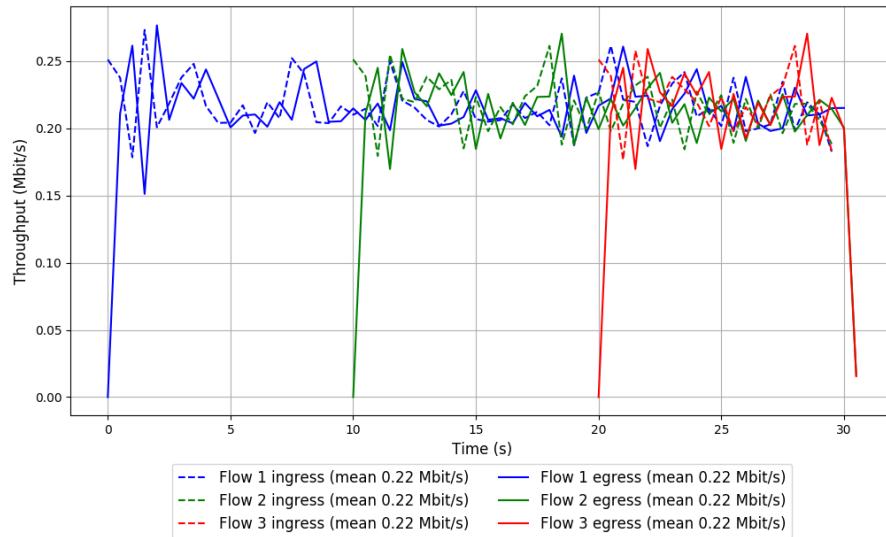


Run 5: Statistics of SCReAM

```
Start at: 2019-09-18 11:23:22
End at: 2019-09-18 11:23:52
Local clock offset: -4.205 ms
Remote clock offset: -22.168 ms

# Below is generated by plot.py at 2019-09-18 11:54:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 76.656 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 76.687 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 75.198 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 75.672 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

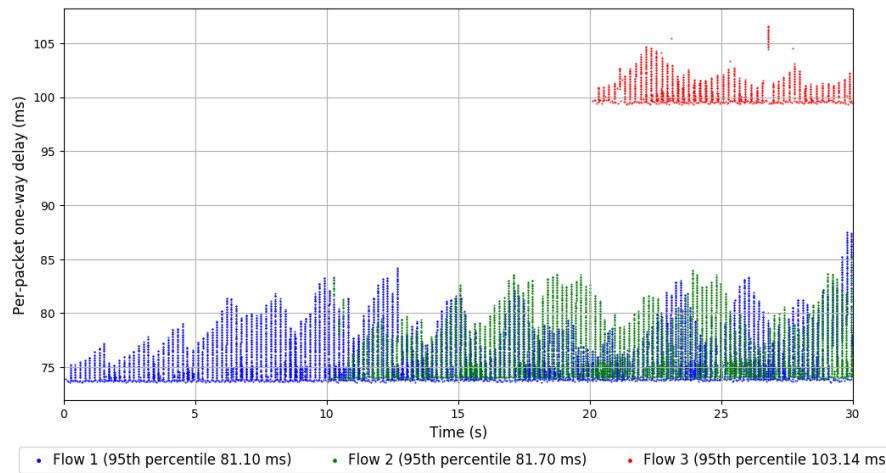
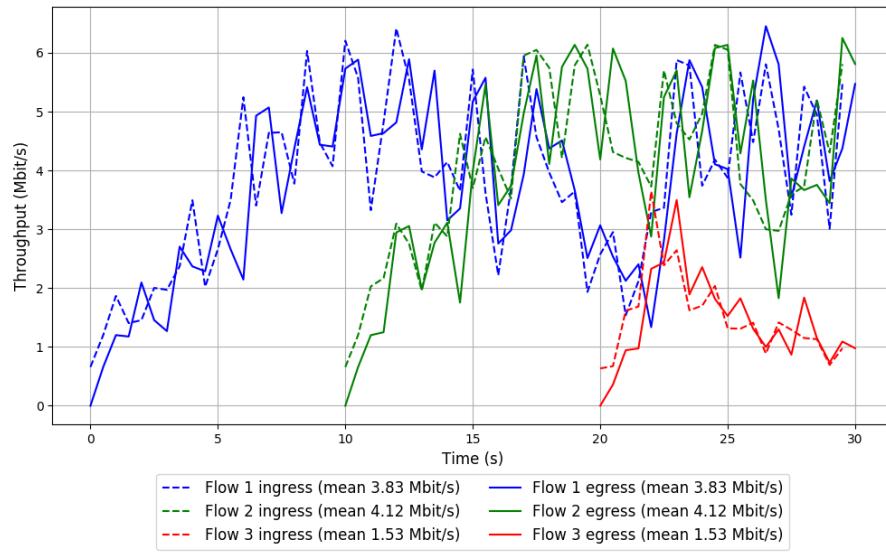


Run 1: Statistics of Sprout

```
Start at: 2019-09-18 09:12:26
End at: 2019-09-18 09:12:56
Local clock offset: 1.702 ms
Remote clock offset: -11.634 ms

# Below is generated by plot.py at 2019-09-18 11:54:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.08 Mbit/s
95th percentile per-packet one-way delay: 100.127 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.83 Mbit/s
95th percentile per-packet one-way delay: 81.101 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.12 Mbit/s
95th percentile per-packet one-way delay: 81.704 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.53 Mbit/s
95th percentile per-packet one-way delay: 103.140 ms
Loss rate: 0.00%
```

Run 1: Report of Sprout — Data Link

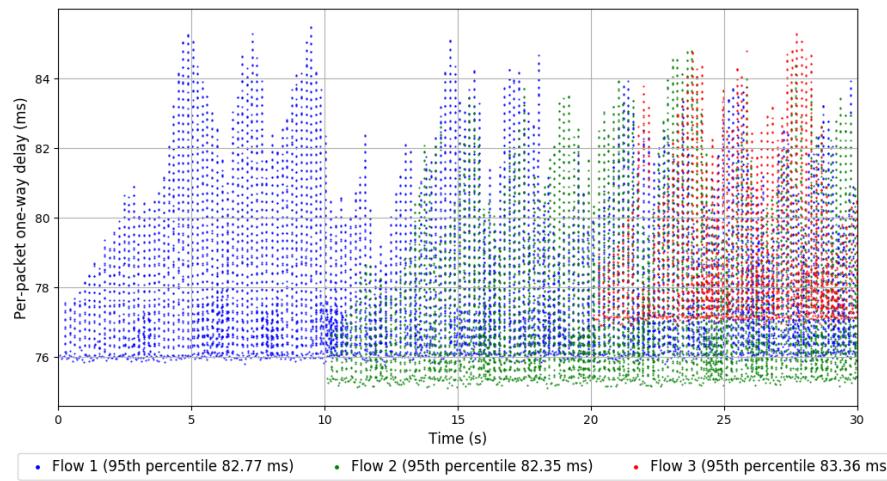
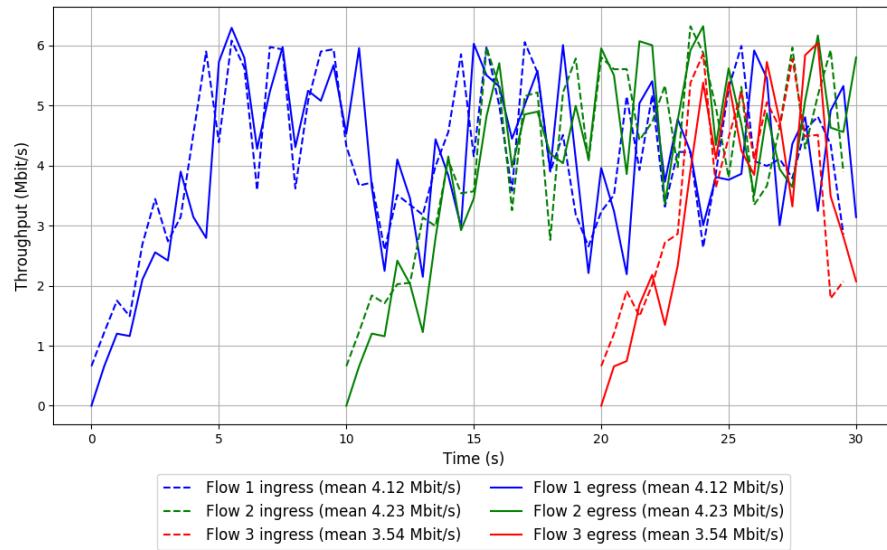


Run 2: Statistics of Sprout

```
Start at: 2019-09-18 09:42:51
End at: 2019-09-18 09:43:21
Local clock offset: 3.947 ms
Remote clock offset: -13.372 ms

# Below is generated by plot.py at 2019-09-18 11:54:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.10 Mbit/s
95th percentile per-packet one-way delay: 82.748 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.12 Mbit/s
95th percentile per-packet one-way delay: 82.769 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.23 Mbit/s
95th percentile per-packet one-way delay: 82.350 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.54 Mbit/s
95th percentile per-packet one-way delay: 83.358 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

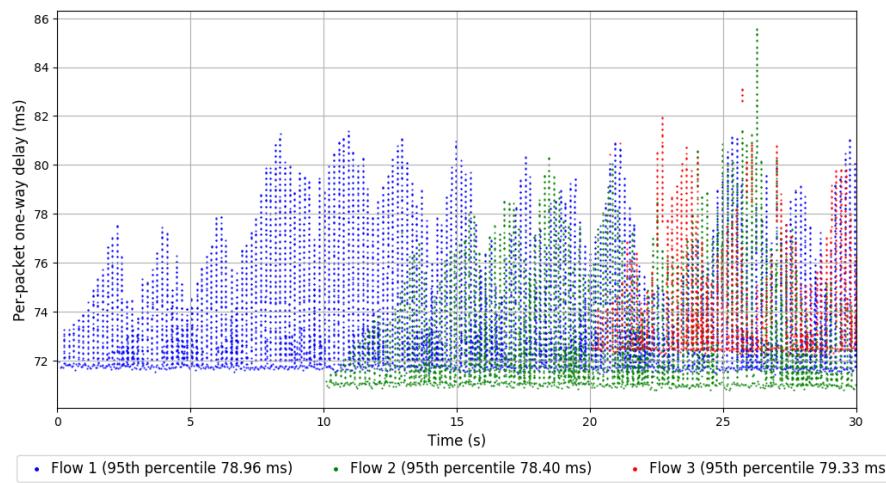
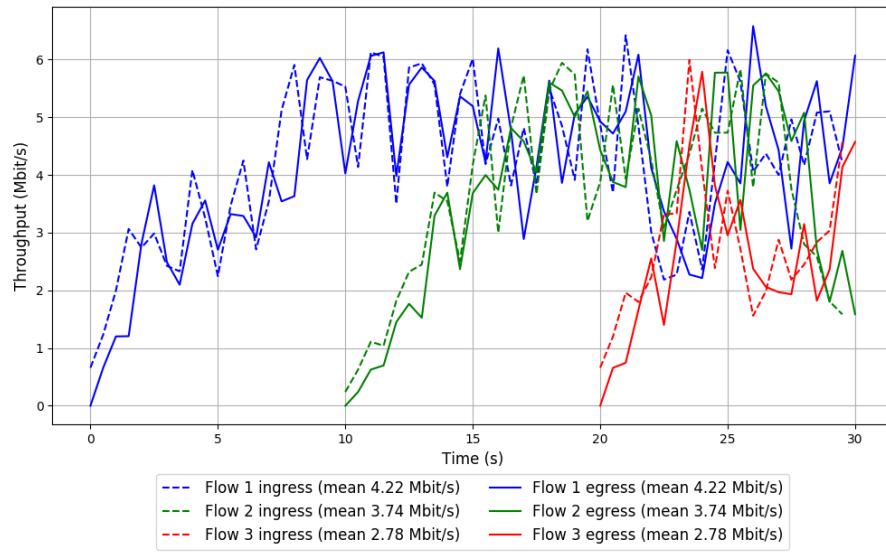


Run 3: Statistics of Sprout

```
Start at: 2019-09-18 10:13:16
End at: 2019-09-18 10:13:46
Local clock offset: -3.504 ms
Remote clock offset: -20.157 ms

# Below is generated by plot.py at 2019-09-18 11:54:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.62 Mbit/s
95th percentile per-packet one-way delay: 78.898 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.22 Mbit/s
95th percentile per-packet one-way delay: 78.961 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.74 Mbit/s
95th percentile per-packet one-way delay: 78.398 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.78 Mbit/s
95th percentile per-packet one-way delay: 79.335 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

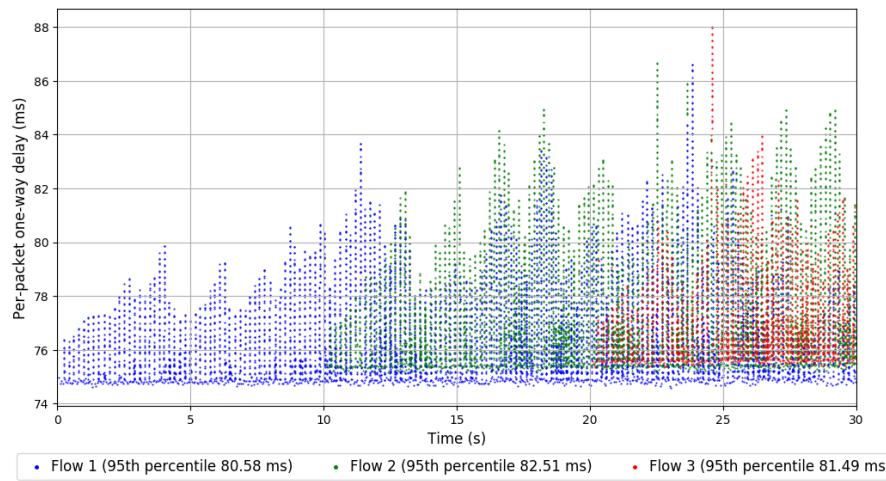
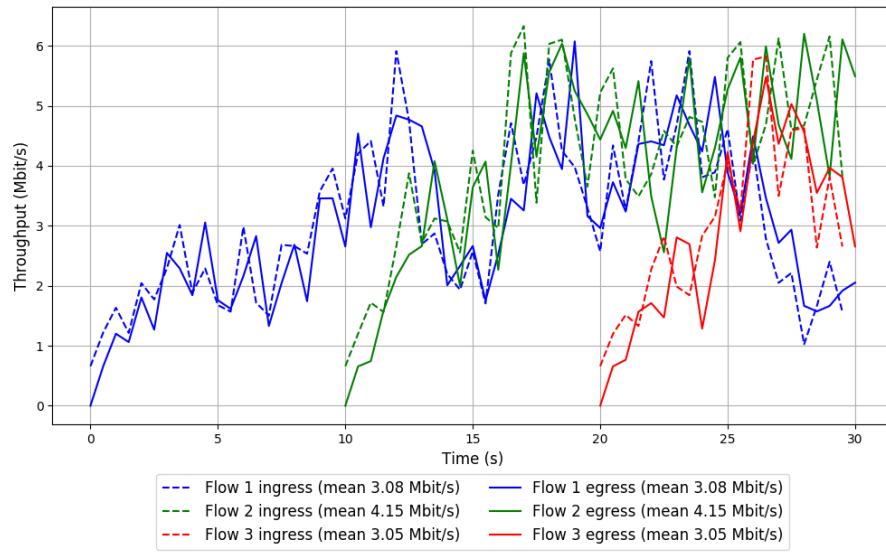


Run 4: Statistics of Sprout

```
Start at: 2019-09-18 10:43:54
End at: 2019-09-18 10:44:24
Local clock offset: -5.072 ms
Remote clock offset: -19.699 ms

# Below is generated by plot.py at 2019-09-18 11:54:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 6.85 Mbit/s
95th percentile per-packet one-way delay: 81.735 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.08 Mbit/s
95th percentile per-packet one-way delay: 80.575 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.15 Mbit/s
95th percentile per-packet one-way delay: 82.514 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.05 Mbit/s
95th percentile per-packet one-way delay: 81.488 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

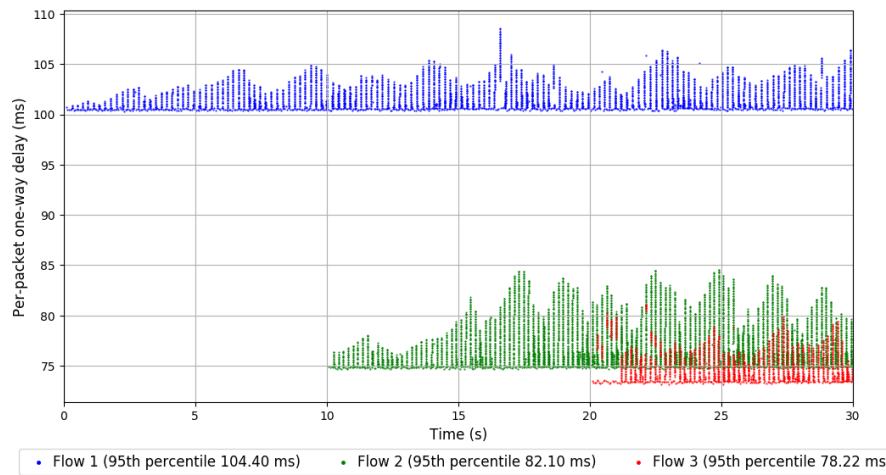
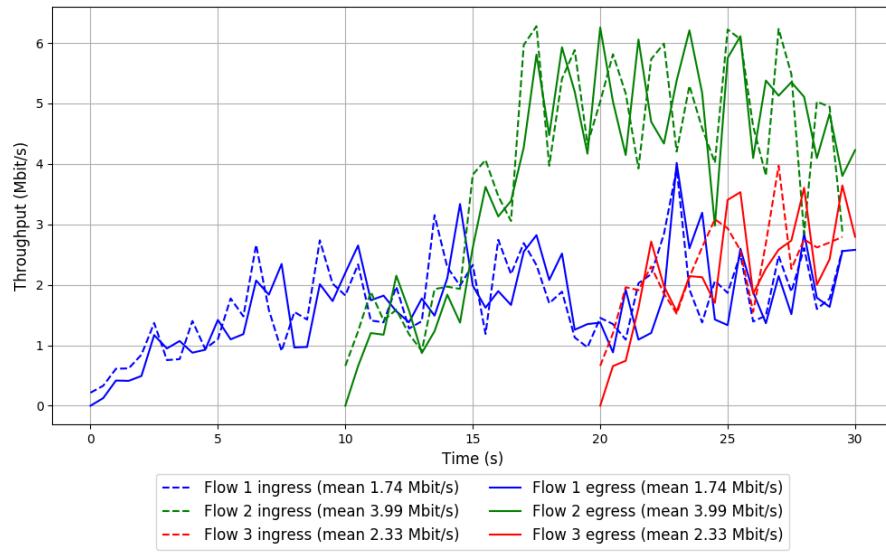


Run 5: Statistics of Sprout

```
Start at: 2019-09-18 11:14:20
End at: 2019-09-18 11:14:50
Local clock offset: -3.637 ms
Remote clock offset: -22.325 ms

# Below is generated by plot.py at 2019-09-18 11:54:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 5.16 Mbit/s
95th percentile per-packet one-way delay: 103.396 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.74 Mbit/s
95th percentile per-packet one-way delay: 104.402 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.99 Mbit/s
95th percentile per-packet one-way delay: 82.104 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 78.217 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

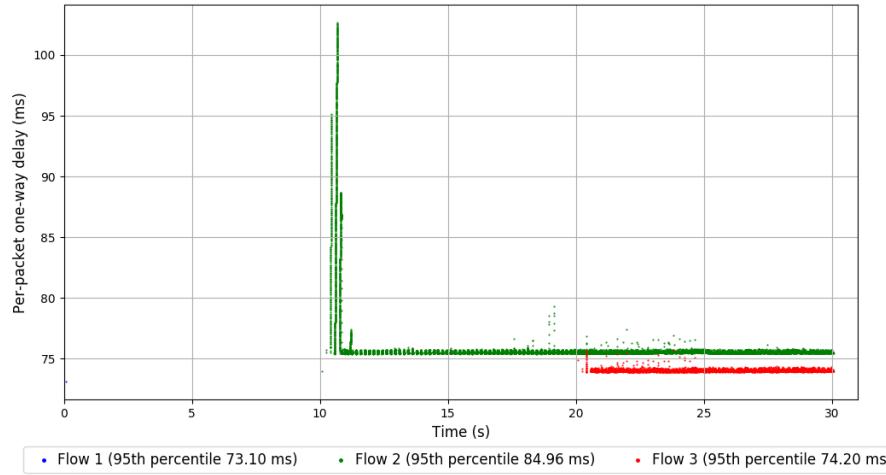
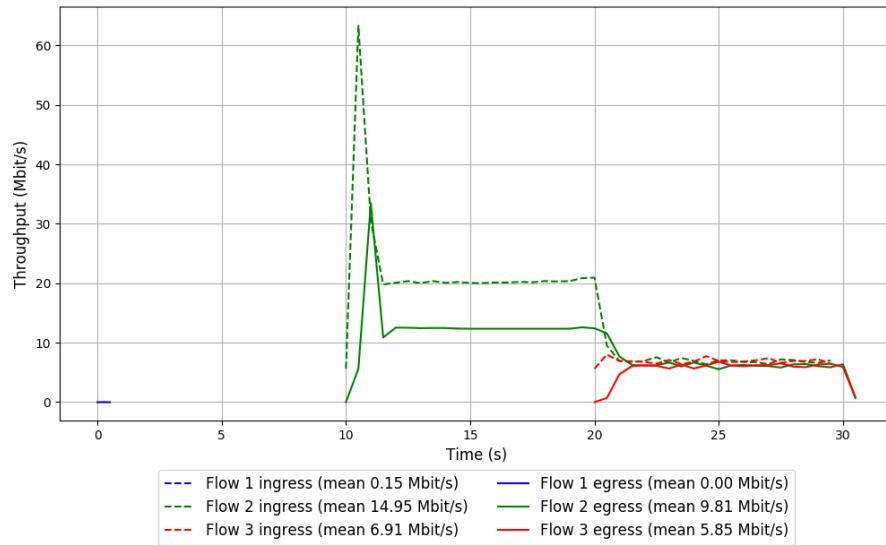


Run 1: Statistics of TaoVA-100x

```
Start at: 2019-09-18 09:36:33
End at: 2019-09-18 09:37:03
Local clock offset: 4.293 ms
Remote clock offset: -14.459 ms

# Below is generated by plot.py at 2019-09-18 11:54:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.48 Mbit/s
95th percentile per-packet one-way delay: 81.236 ms
Loss rate: 30.81%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 73.097 ms
Loss rate: 95.92%
-- Flow 2:
Average throughput: 9.81 Mbit/s
95th percentile per-packet one-way delay: 84.959 ms
Loss rate: 34.39%
-- Flow 3:
Average throughput: 5.85 Mbit/s
95th percentile per-packet one-way delay: 74.197 ms
Loss rate: 15.26%
```

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

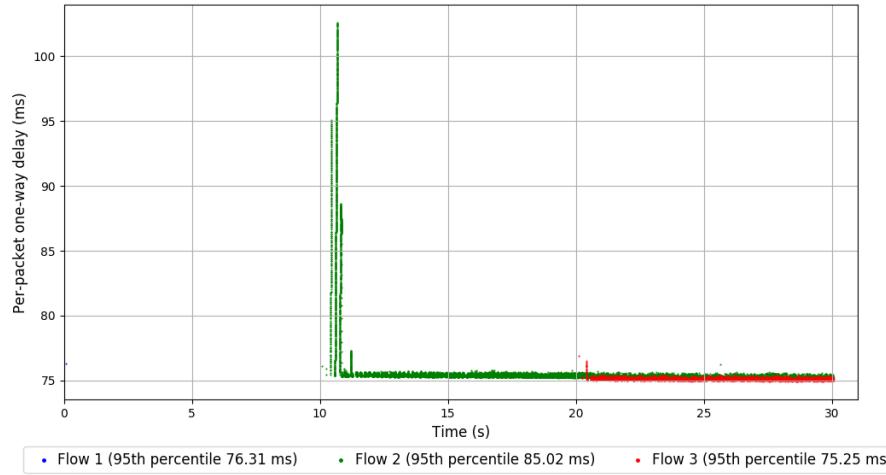
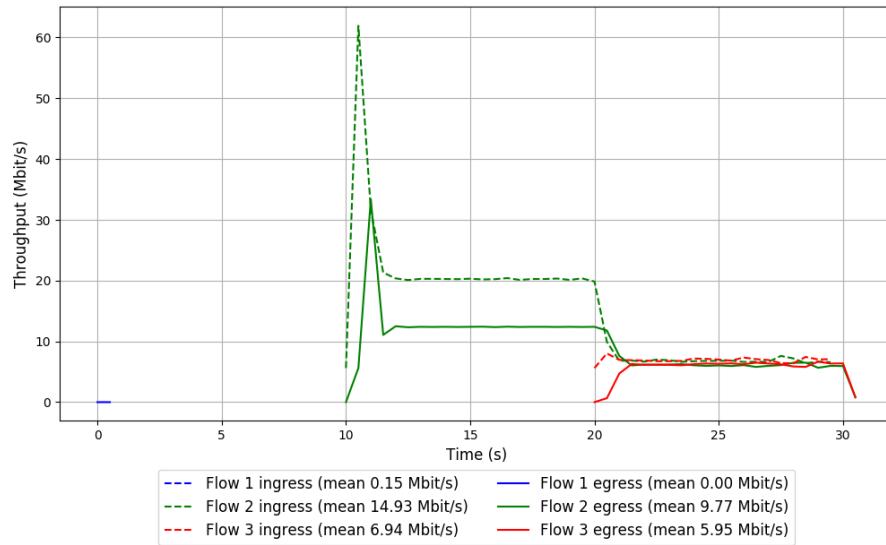


Run 2: Statistics of TaoVA-100x

```
Start at: 2019-09-18 10:06:58
End at: 2019-09-18 10:07:28
Local clock offset: -0.42 ms
Remote clock offset: -15.905 ms

# Below is generated by plot.py at 2019-09-18 11:54:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.48 Mbit/s
95th percentile per-packet one-way delay: 81.237 ms
Loss rate: 30.79%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 76.307 ms
Loss rate: 95.92%
-- Flow 2:
Average throughput: 9.77 Mbit/s
95th percentile per-packet one-way delay: 85.023 ms
Loss rate: 34.61%
-- Flow 3:
Average throughput: 5.95 Mbit/s
95th percentile per-packet one-way delay: 75.248 ms
Loss rate: 14.32%
```

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

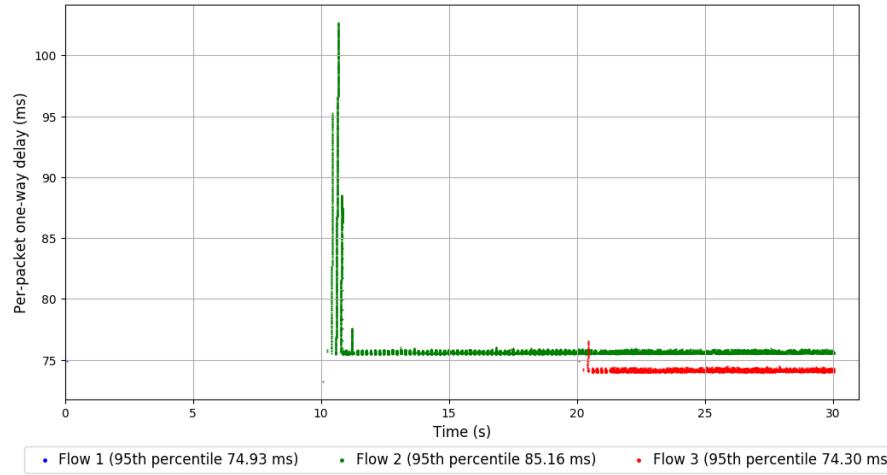
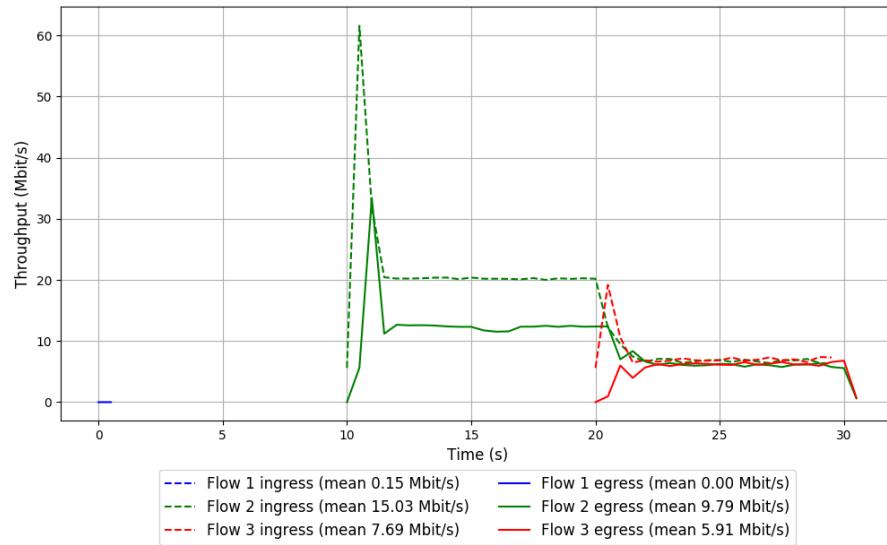


Run 3: Statistics of TaoVA-100x

```
Start at: 2019-09-18 10:37:35
End at: 2019-09-18 10:38:05
Local clock offset: -6.131 ms
Remote clock offset: -20.055 ms

# Below is generated by plot.py at 2019-09-18 11:54:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.48 Mbit/s
95th percentile per-packet one-way delay: 81.371 ms
Loss rate: 32.48%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 74.930 ms
Loss rate: 95.92%
-- Flow 2:
Average throughput: 9.79 Mbit/s
95th percentile per-packet one-way delay: 85.157 ms
Loss rate: 34.86%
-- Flow 3:
Average throughput: 5.91 Mbit/s
95th percentile per-packet one-way delay: 74.298 ms
Loss rate: 23.16%
```

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

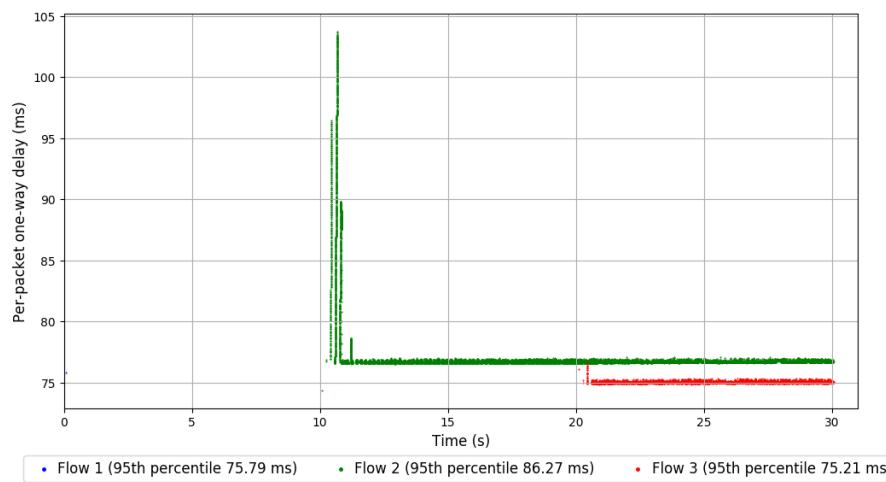
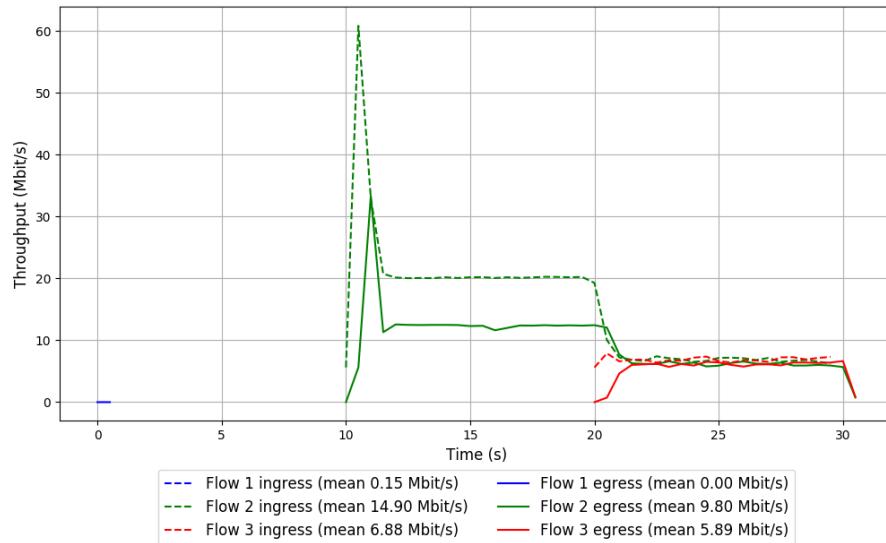


Run 4: Statistics of TaoVA-100x

```
Start at: 2019-09-18 11:08:02
End at: 2019-09-18 11:08:32
Local clock offset: -4.097 ms
Remote clock offset: -20.717 ms

# Below is generated by plot.py at 2019-09-18 11:54:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.48 Mbit/s
95th percentile per-packet one-way delay: 82.498 ms
Loss rate: 30.55%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 75.791 ms
Loss rate: 95.92%
-- Flow 2:
Average throughput: 9.80 Mbit/s
95th percentile per-packet one-way delay: 86.265 ms
Loss rate: 34.25%
-- Flow 3:
Average throughput: 5.89 Mbit/s
95th percentile per-packet one-way delay: 75.211 ms
Loss rate: 14.47%
```

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

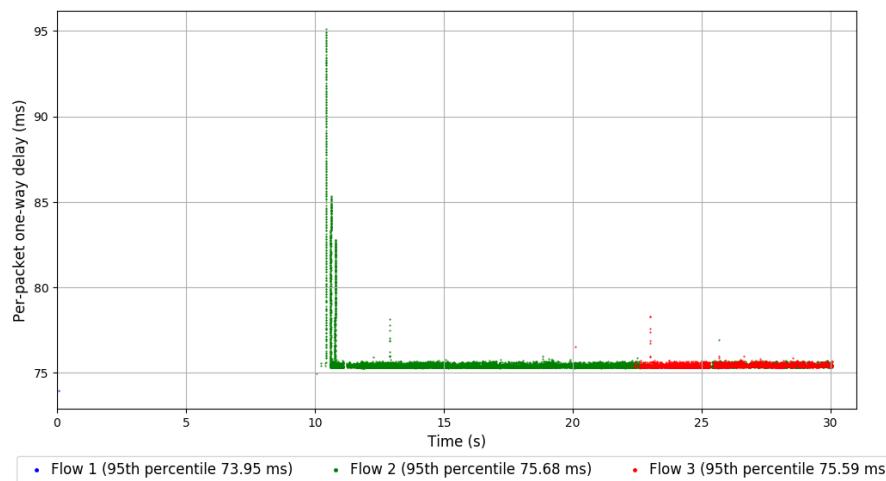
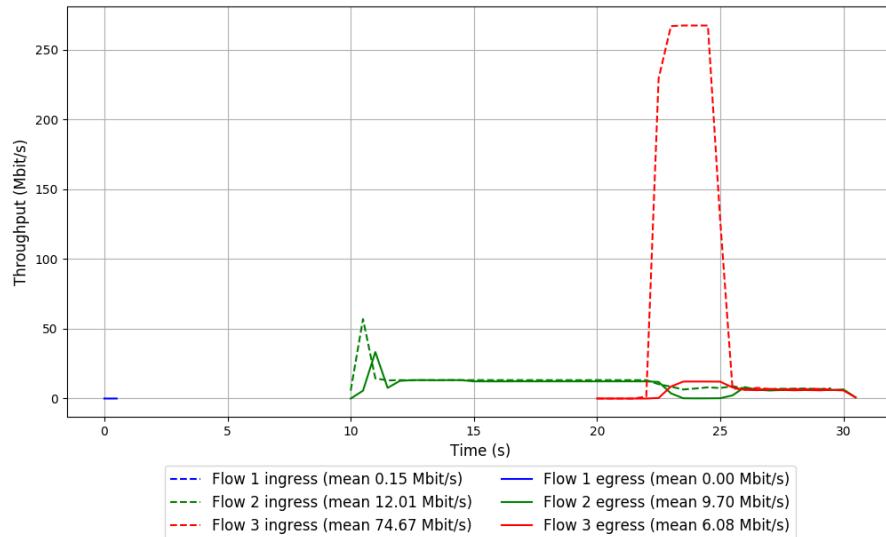


Run 5: Statistics of TaoVA-100x

```
Start at: 2019-09-18 11:38:32
End at: 2019-09-18 11:39:02
Local clock offset: -4.636 ms
Remote clock offset: -25.119 ms

# Below is generated by plot.py at 2019-09-18 11:54:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.48 Mbit/s
95th percentile per-packet one-way delay: 75.634 ms
Loss rate: 74.17%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 73.949 ms
Loss rate: 95.92%
-- Flow 2:
Average throughput: 9.70 Mbit/s
95th percentile per-packet one-way delay: 75.680 ms
Loss rate: 19.28%
-- Flow 3:
Average throughput: 6.08 Mbit/s
95th percentile per-packet one-way delay: 75.594 ms
Loss rate: 91.86%
```

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

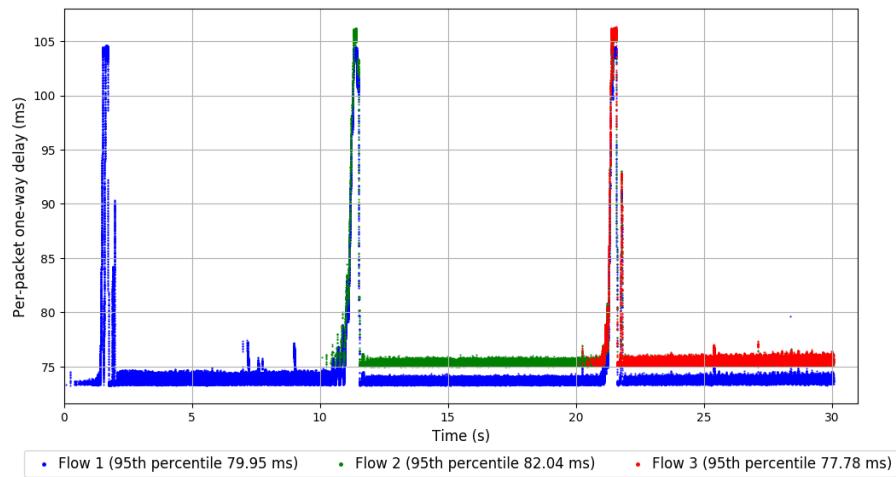
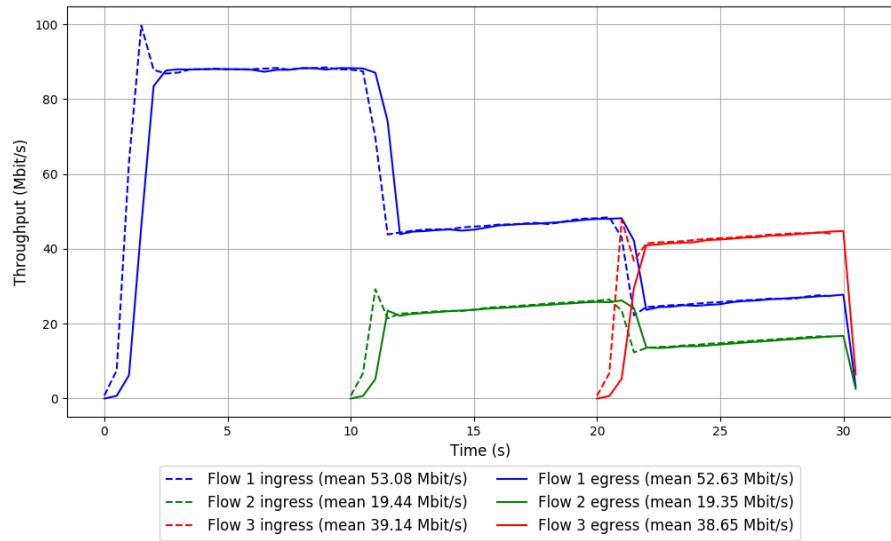


Run 1: Statistics of TCP Vegas

```
Start at: 2019-09-18 09:35:17
End at: 2019-09-18 09:35:47
Local clock offset: 4.197 ms
Remote clock offset: -14.015 ms

# Below is generated by plot.py at 2019-09-18 11:55:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.37 Mbit/s
95th percentile per-packet one-way delay: 79.897 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 52.63 Mbit/s
95th percentile per-packet one-way delay: 79.950 ms
Loss rate: 0.85%
-- Flow 2:
Average throughput: 19.35 Mbit/s
95th percentile per-packet one-way delay: 82.039 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 38.65 Mbit/s
95th percentile per-packet one-way delay: 77.782 ms
Loss rate: 1.24%
```

Run 1: Report of TCP Vegas — Data Link

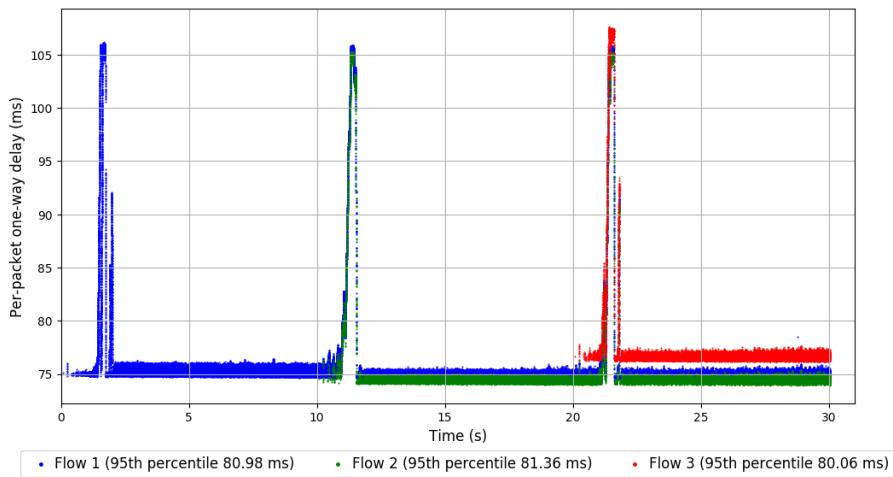
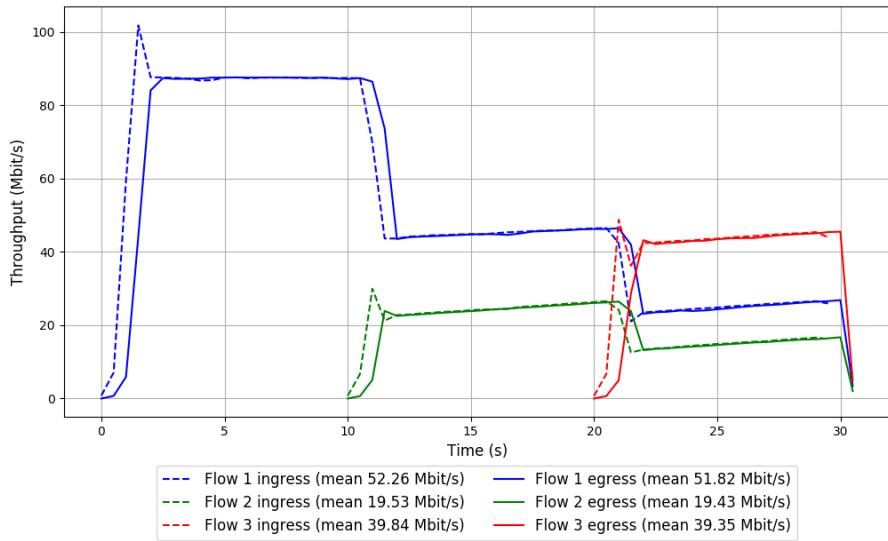


Run 2: Statistics of TCP Vegas

```
Start at: 2019-09-18 10:05:41
End at: 2019-09-18 10:06:11
Local clock offset: 1.367 ms
Remote clock offset: -15.294 ms

# Below is generated by plot.py at 2019-09-18 11:55:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.84 Mbit/s
95th percentile per-packet one-way delay: 80.856 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 51.82 Mbit/s
95th percentile per-packet one-way delay: 80.977 ms
Loss rate: 0.86%
-- Flow 2:
Average throughput: 19.43 Mbit/s
95th percentile per-packet one-way delay: 81.361 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 39.35 Mbit/s
95th percentile per-packet one-way delay: 80.063 ms
Loss rate: 1.25%
```

Run 2: Report of TCP Vegas — Data Link

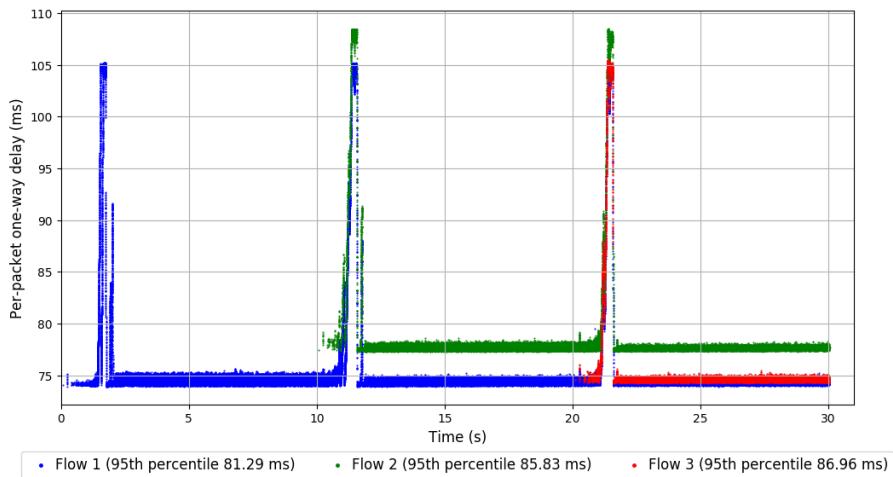
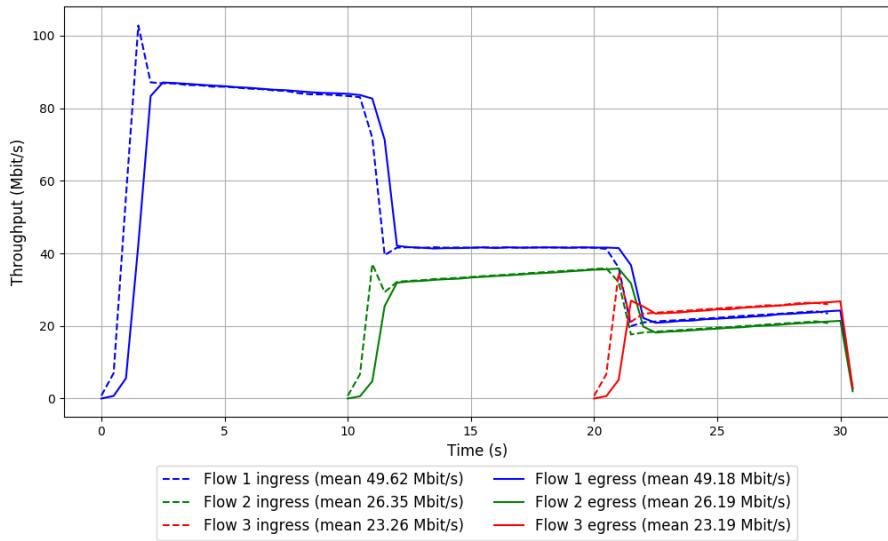


Run 3: Statistics of TCP Vegas

```
Start at: 2019-09-18 10:36:18
End at: 2019-09-18 10:36:48
Local clock offset: -5.504 ms
Remote clock offset: -18.505 ms

# Below is generated by plot.py at 2019-09-18 11:55:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 74.33 Mbit/s
95th percentile per-packet one-way delay: 82.841 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 49.18 Mbit/s
95th percentile per-packet one-way delay: 81.293 ms
Loss rate: 0.89%
-- Flow 2:
Average throughput: 26.19 Mbit/s
95th percentile per-packet one-way delay: 85.826 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 23.19 Mbit/s
95th percentile per-packet one-way delay: 86.960 ms
Loss rate: 0.32%
```

Run 3: Report of TCP Vegas — Data Link

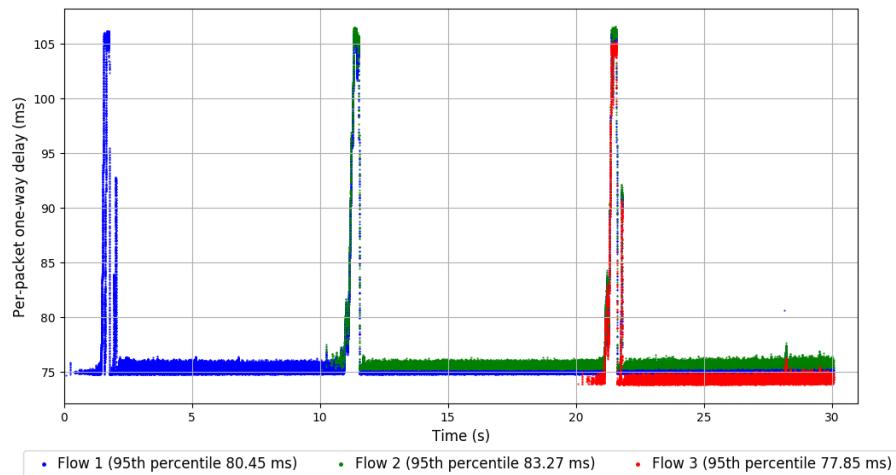
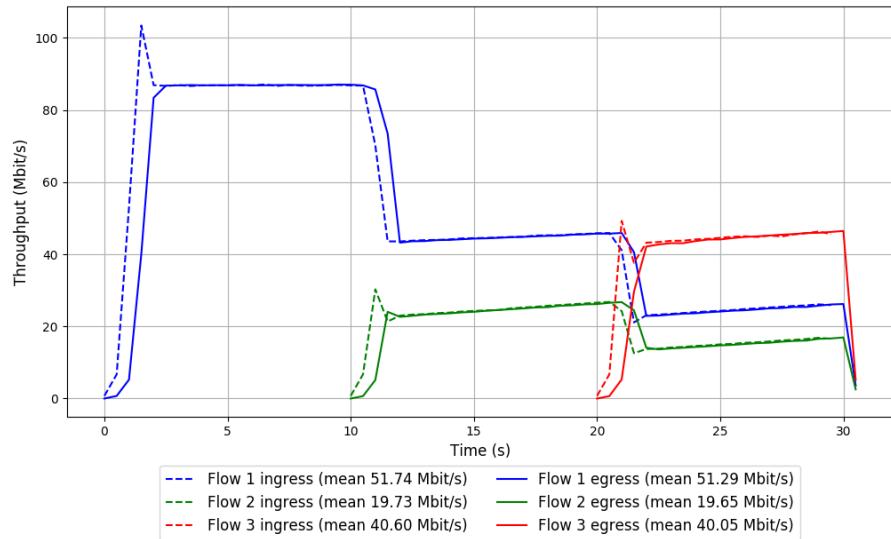


Run 4: Statistics of TCP Vegas

```
Start at: 2019-09-18 11:06:45
End at: 2019-09-18 11:07:15
Local clock offset: -4.267 ms
Remote clock offset: -21.669 ms

# Below is generated by plot.py at 2019-09-18 11:55:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.69 Mbit/s
95th percentile per-packet one-way delay: 80.405 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 51.29 Mbit/s
95th percentile per-packet one-way delay: 80.454 ms
Loss rate: 0.87%
-- Flow 2:
Average throughput: 19.65 Mbit/s
95th percentile per-packet one-way delay: 83.266 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 40.05 Mbit/s
95th percentile per-packet one-way delay: 77.846 ms
Loss rate: 1.34%
```

Run 4: Report of TCP Vegas — Data Link

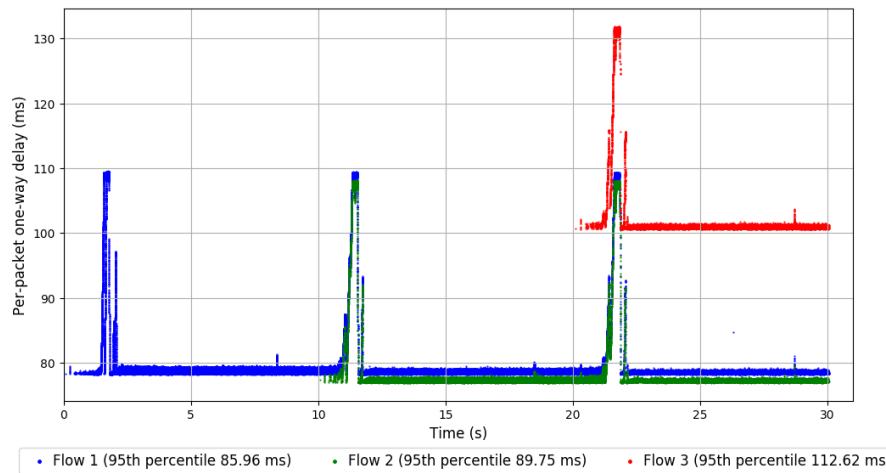
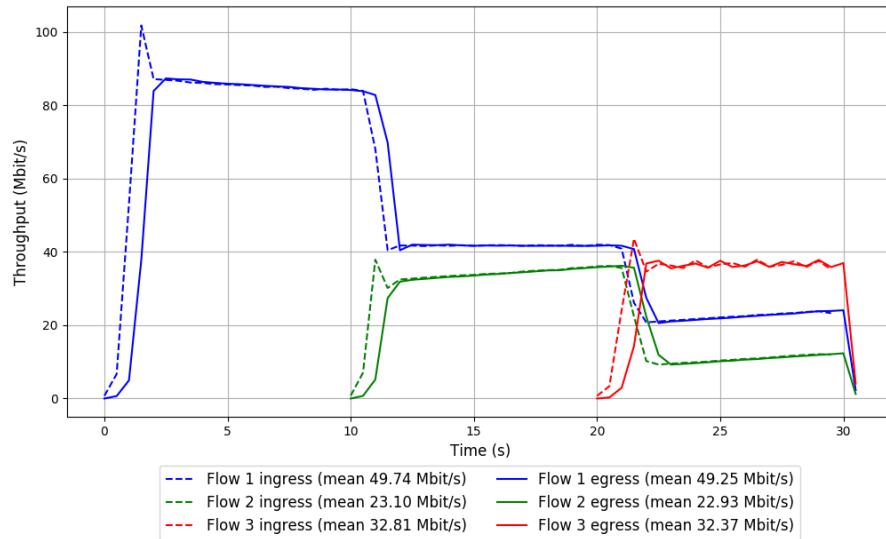


Run 5: Statistics of TCP Vegas

```
Start at: 2019-09-18 11:37:16
End at: 2019-09-18 11:37:46
Local clock offset: -4.572 ms
Remote clock offset: -23.202 ms

# Below is generated by plot.py at 2019-09-18 11:55:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 75.26 Mbit/s
95th percentile per-packet one-way delay: 101.176 ms
Loss rate: 1.03%
-- Flow 1:
Average throughput: 49.25 Mbit/s
95th percentile per-packet one-way delay: 85.962 ms
Loss rate: 0.99%
-- Flow 2:
Average throughput: 22.93 Mbit/s
95th percentile per-packet one-way delay: 89.747 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 32.37 Mbit/s
95th percentile per-packet one-way delay: 112.617 ms
Loss rate: 1.58%
```

Run 5: Report of TCP Vegas — Data Link

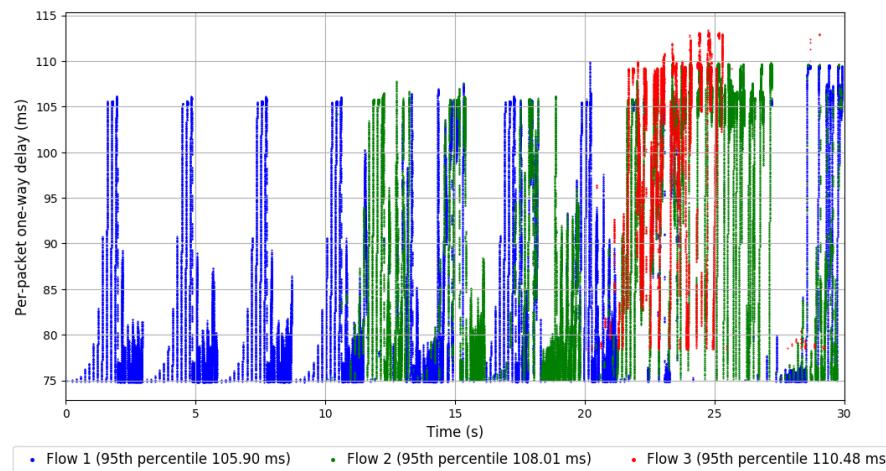
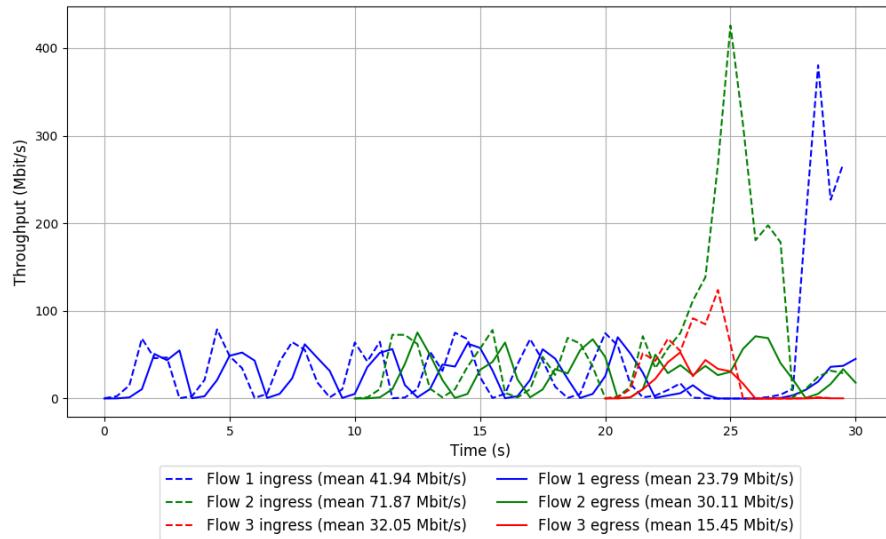


Run 1: Statistics of Verus

```
Start at: 2019-09-18 09:30:07
End at: 2019-09-18 09:30:37
Local clock offset: 3.035 ms
Remote clock offset: -12.855 ms

# Below is generated by plot.py at 2019-09-18 11:55:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.48 Mbit/s
95th percentile per-packet one-way delay: 108.649 ms
Loss rate: 51.26%
-- Flow 1:
Average throughput: 23.79 Mbit/s
95th percentile per-packet one-way delay: 105.901 ms
Loss rate: 43.22%
-- Flow 2:
Average throughput: 30.11 Mbit/s
95th percentile per-packet one-way delay: 108.014 ms
Loss rate: 58.04%
-- Flow 3:
Average throughput: 15.45 Mbit/s
95th percentile per-packet one-way delay: 110.485 ms
Loss rate: 52.66%
```

Run 1: Report of Verus — Data Link

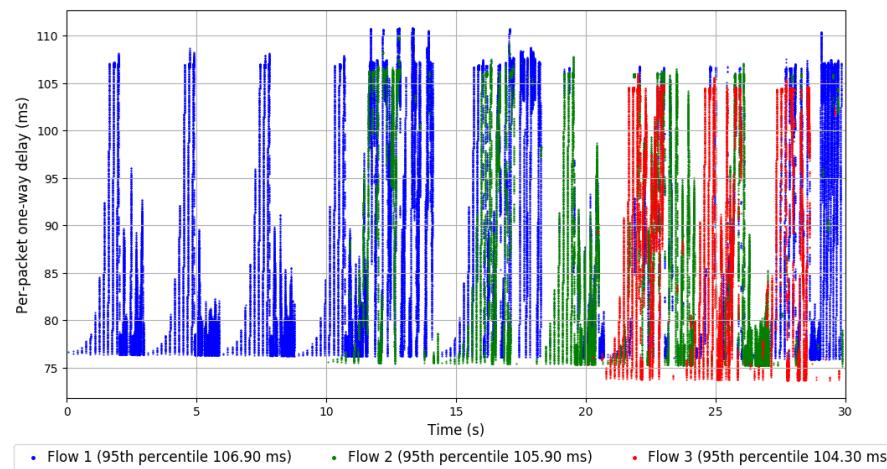
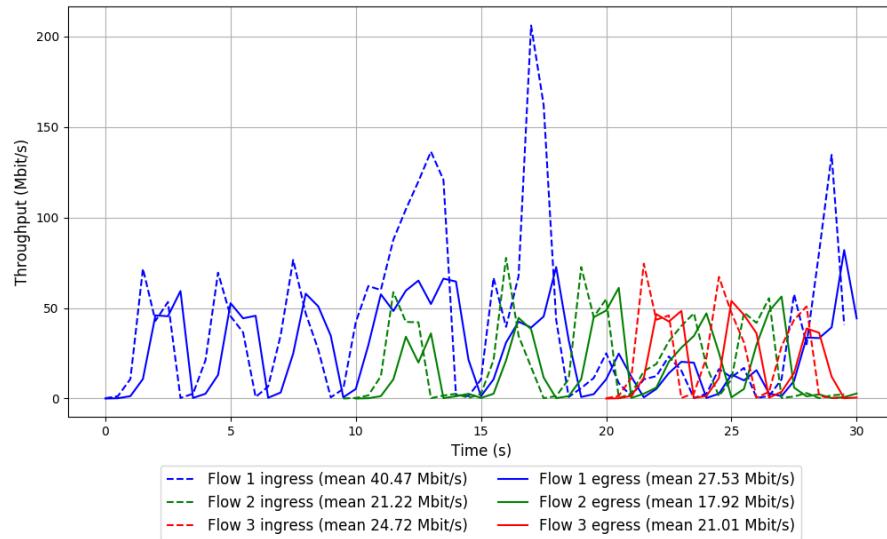


Run 2: Statistics of Verus

```
Start at: 2019-09-18 10:00:32
End at: 2019-09-18 10:01:02
Local clock offset: 5.171 ms
Remote clock offset: -15.913 ms

# Below is generated by plot.py at 2019-09-18 11:55:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 46.20 Mbit/s
95th percentile per-packet one-way delay: 106.653 ms
Loss rate: 26.05%
-- Flow 1:
Average throughput: 27.53 Mbit/s
95th percentile per-packet one-way delay: 106.901 ms
Loss rate: 31.91%
-- Flow 2:
Average throughput: 17.92 Mbit/s
95th percentile per-packet one-way delay: 105.897 ms
Loss rate: 15.57%
-- Flow 3:
Average throughput: 21.01 Mbit/s
95th percentile per-packet one-way delay: 104.296 ms
Loss rate: 15.01%
```

Run 2: Report of Verus — Data Link

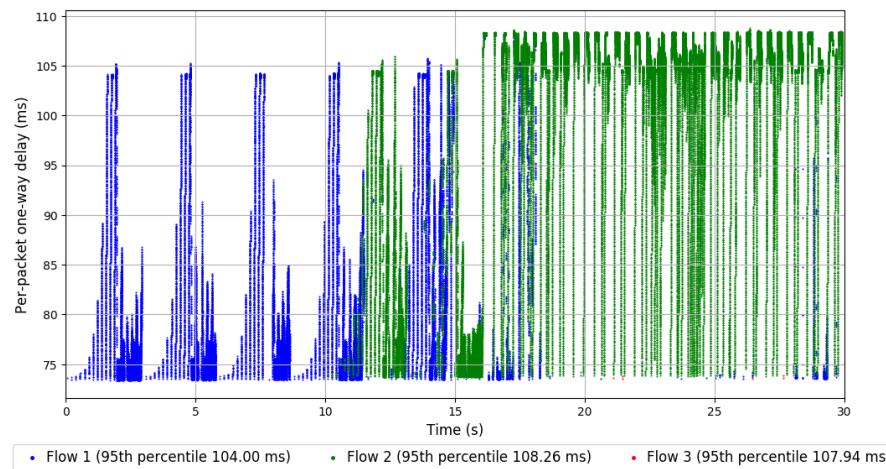
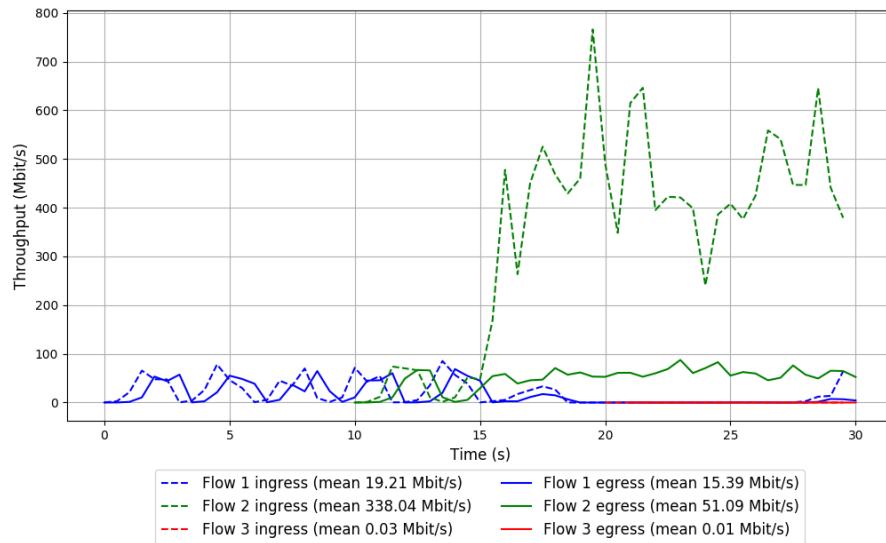


Run 3: Statistics of Verus

```
Start at: 2019-09-18 10:30:56
End at: 2019-09-18 10:31:26
Local clock offset: -7.301 ms
Remote clock offset: -19.26 ms

# Below is generated by plot.py at 2019-09-18 11:56:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.33 Mbit/s
95th percentile per-packet one-way delay: 108.233 ms
Loss rate: 79.74%
-- Flow 1:
Average throughput: 15.39 Mbit/s
95th percentile per-packet one-way delay: 104.005 ms
Loss rate: 19.79%
-- Flow 2:
Average throughput: 51.09 Mbit/s
95th percentile per-packet one-way delay: 108.259 ms
Loss rate: 84.86%
-- Flow 3:
Average throughput: 0.01 Mbit/s
95th percentile per-packet one-way delay: 107.940 ms
Loss rate: 67.86%
```

Run 3: Report of Verus — Data Link

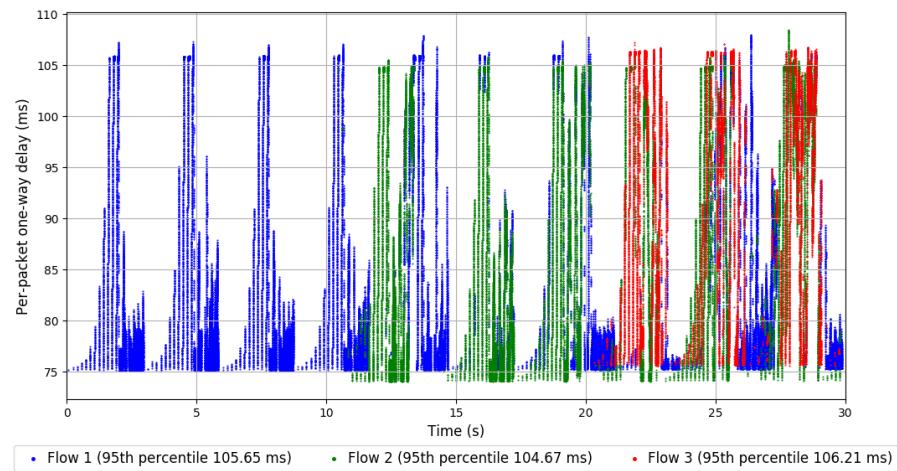
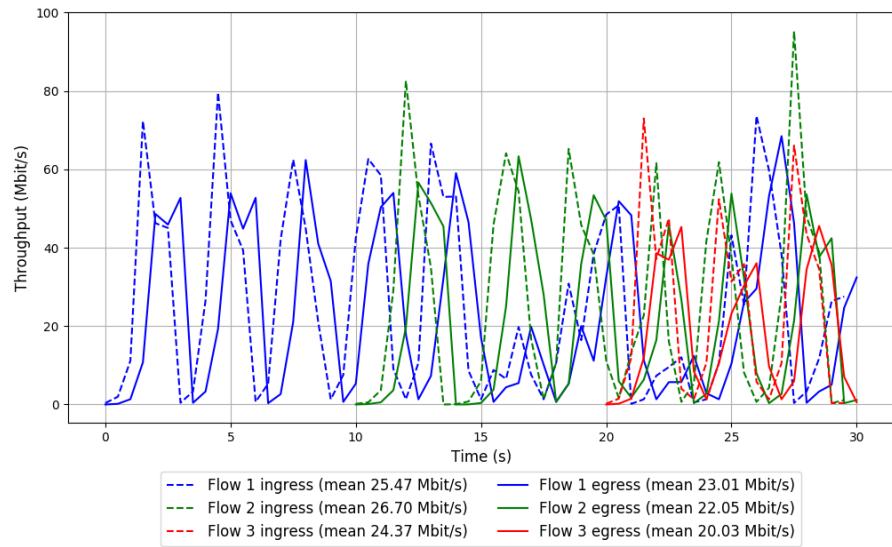


Run 4: Statistics of Verus

```
Start at: 2019-09-18 11:01:36
End at: 2019-09-18 11:02:06
Local clock offset: -5.384 ms
Remote clock offset: -21.104 ms

# Below is generated by plot.py at 2019-09-18 11:56:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 44.04 Mbit/s
95th percentile per-packet one-way delay: 105.616 ms
Loss rate: 13.65%
-- Flow 1:
Average throughput: 23.01 Mbit/s
95th percentile per-packet one-way delay: 105.654 ms
Loss rate: 9.66%
-- Flow 2:
Average throughput: 22.05 Mbit/s
95th percentile per-packet one-way delay: 104.670 ms
Loss rate: 17.44%
-- Flow 3:
Average throughput: 20.03 Mbit/s
95th percentile per-packet one-way delay: 106.207 ms
Loss rate: 18.02%
```

Run 4: Report of Verus — Data Link

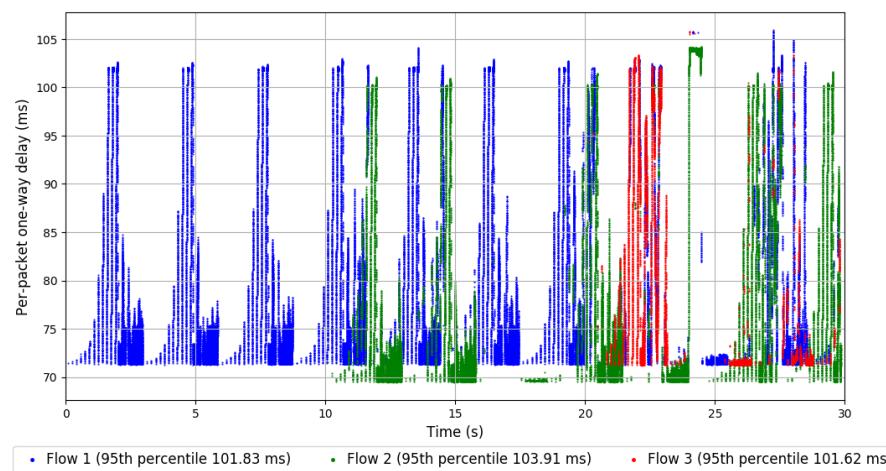
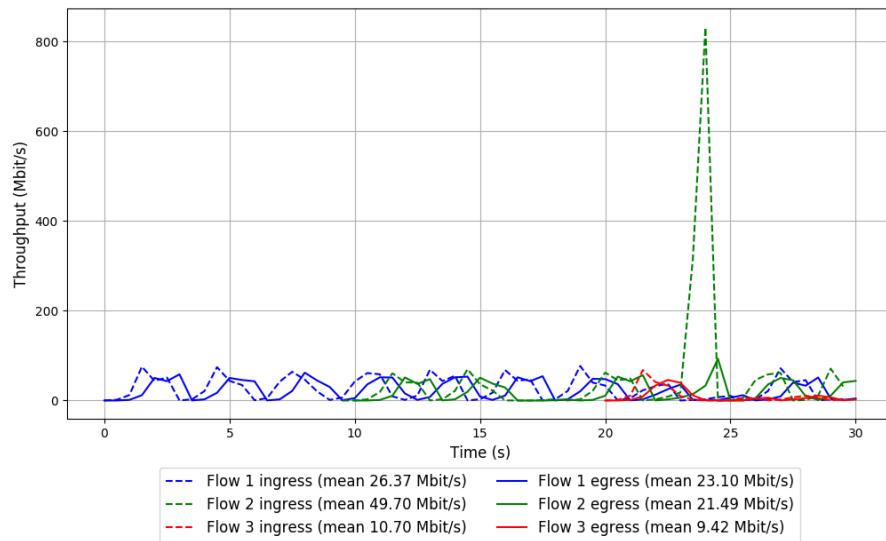


Run 5: Statistics of Verus

```
Start at: 2019-09-18 11:32:07
End at: 2019-09-18 11:32:37
Local clock offset: -3.555 ms
Remote clock offset: -27.269 ms

# Below is generated by plot.py at 2019-09-18 11:56:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 40.36 Mbit/s
95th percentile per-packet one-way delay: 101.985 ms
Loss rate: 35.69%
-- Flow 1:
Average throughput: 23.10 Mbit/s
95th percentile per-packet one-way delay: 101.825 ms
Loss rate: 12.35%
-- Flow 2:
Average throughput: 21.49 Mbit/s
95th percentile per-packet one-way delay: 103.910 ms
Loss rate: 56.75%
-- Flow 3:
Average throughput: 9.42 Mbit/s
95th percentile per-packet one-way delay: 101.622 ms
Loss rate: 12.03%
```

Run 5: Report of Verus — Data Link

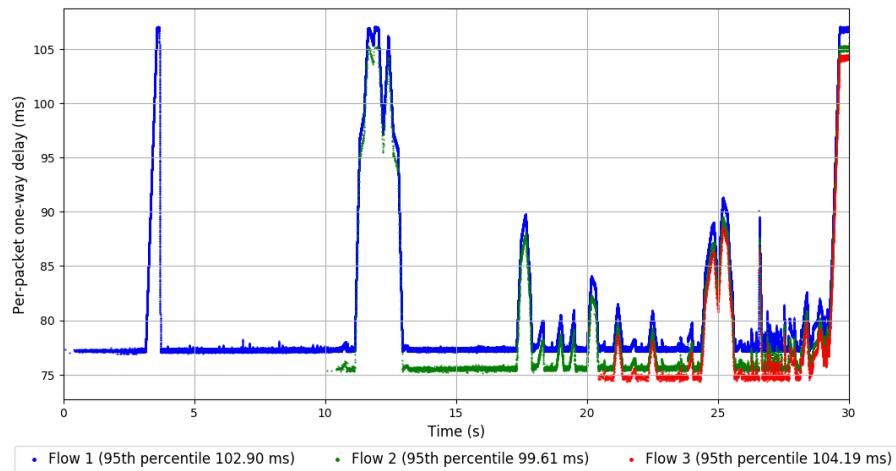
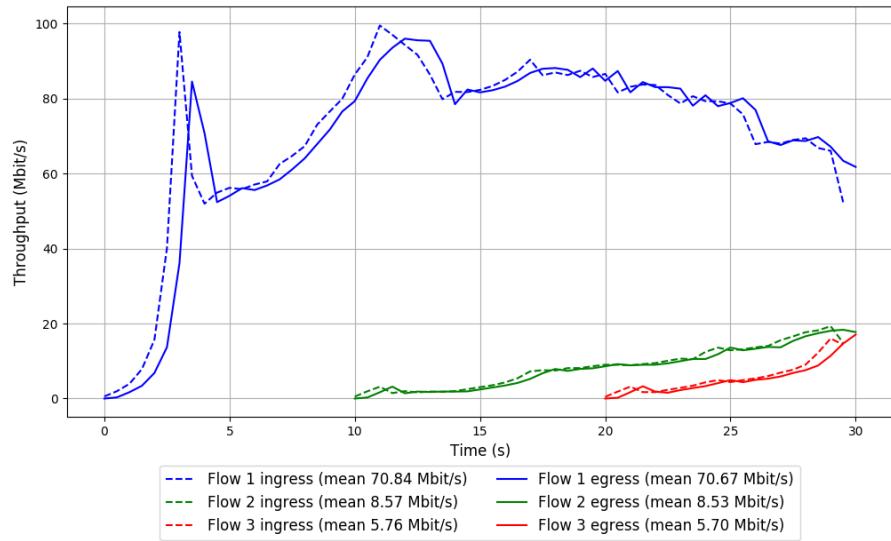


Run 1: Statistics of PCC-Vivace

```
Start at: 2019-09-18 09:28:49
End at: 2019-09-18 09:29:19
Local clock offset: 3.692 ms
Remote clock offset: -13.265 ms

# Below is generated by plot.py at 2019-09-18 11:56:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.23 Mbit/s
95th percentile per-packet one-way delay: 103.025 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 70.67 Mbit/s
95th percentile per-packet one-way delay: 102.901 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 8.53 Mbit/s
95th percentile per-packet one-way delay: 99.613 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 5.70 Mbit/s
95th percentile per-packet one-way delay: 104.191 ms
Loss rate: 0.77%
```

Run 1: Report of PCC-Vivace — Data Link

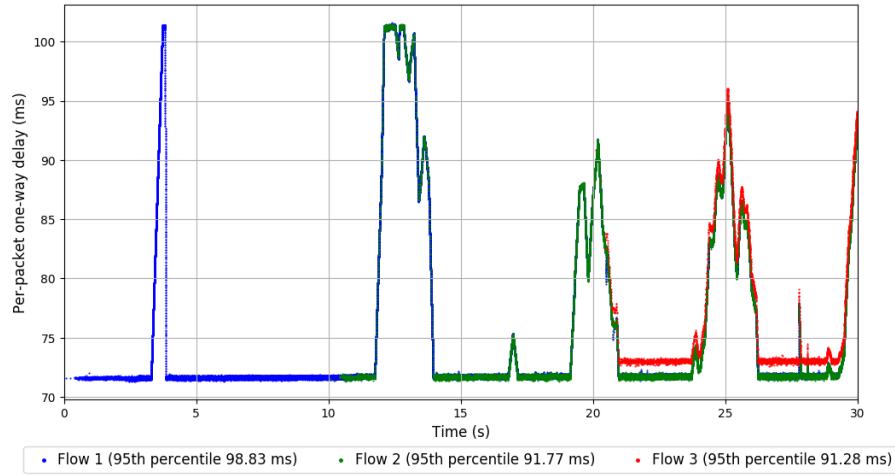
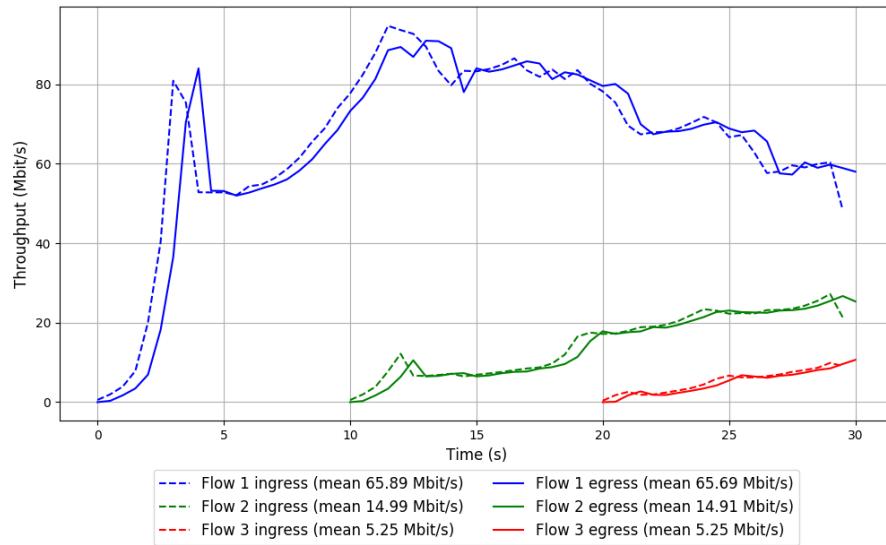


Run 2: Statistics of PCC-Vivace

```
Start at: 2019-09-18 09:59:14
End at: 2019-09-18 09:59:44
Local clock offset: 5.079 ms
Remote clock offset: -18.977 ms

# Below is generated by plot.py at 2019-09-18 11:56:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.33 Mbit/s
95th percentile per-packet one-way delay: 98.064 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 65.69 Mbit/s
95th percentile per-packet one-way delay: 98.827 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 14.91 Mbit/s
95th percentile per-packet one-way delay: 91.770 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 5.25 Mbit/s
95th percentile per-packet one-way delay: 91.281 ms
Loss rate: 0.04%
```

Run 2: Report of PCC-Vivace — Data Link

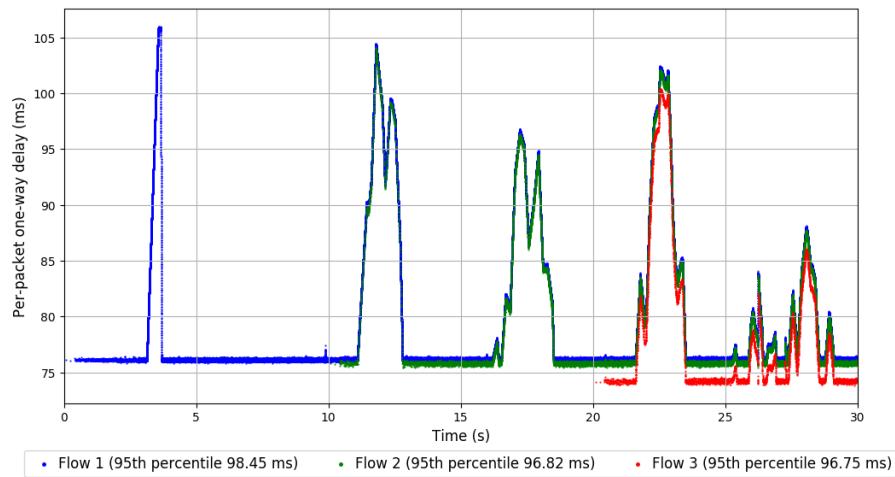
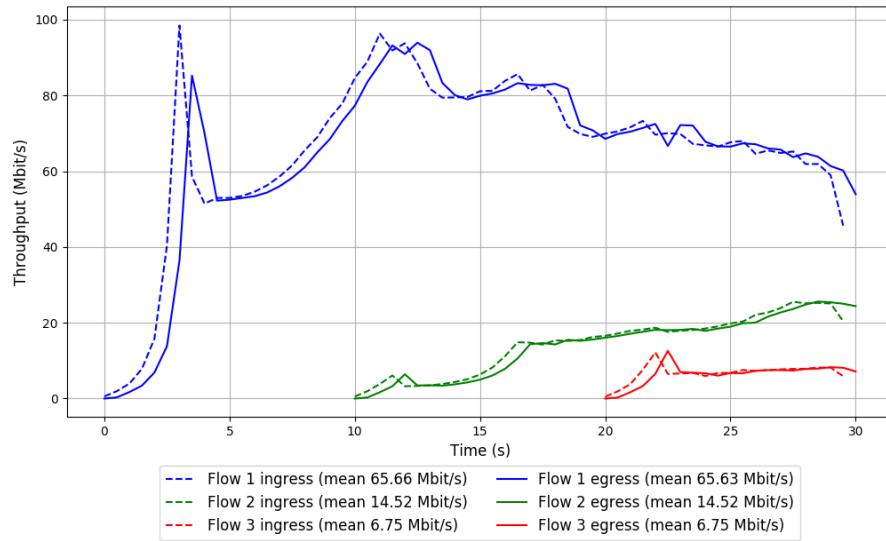


Run 3: Statistics of PCC-Vivace

```
Start at: 2019-09-18 10:29:38
End at: 2019-09-18 10:30:08
Local clock offset: -6.443 ms
Remote clock offset: -17.797 ms

# Below is generated by plot.py at 2019-09-18 11:56:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.52 Mbit/s
95th percentile per-packet one-way delay: 98.246 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 65.63 Mbit/s
95th percentile per-packet one-way delay: 98.446 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 14.52 Mbit/s
95th percentile per-packet one-way delay: 96.818 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 6.75 Mbit/s
95th percentile per-packet one-way delay: 96.748 ms
Loss rate: 0.00%
```

Run 3: Report of PCC-Vivace — Data Link

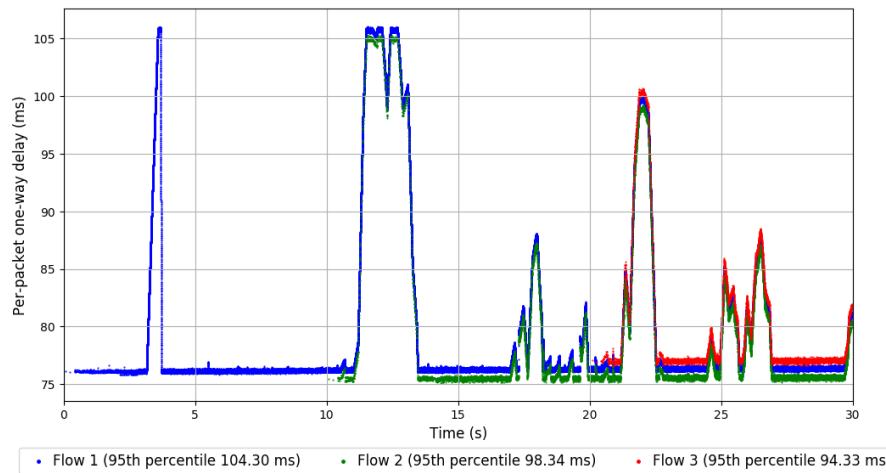
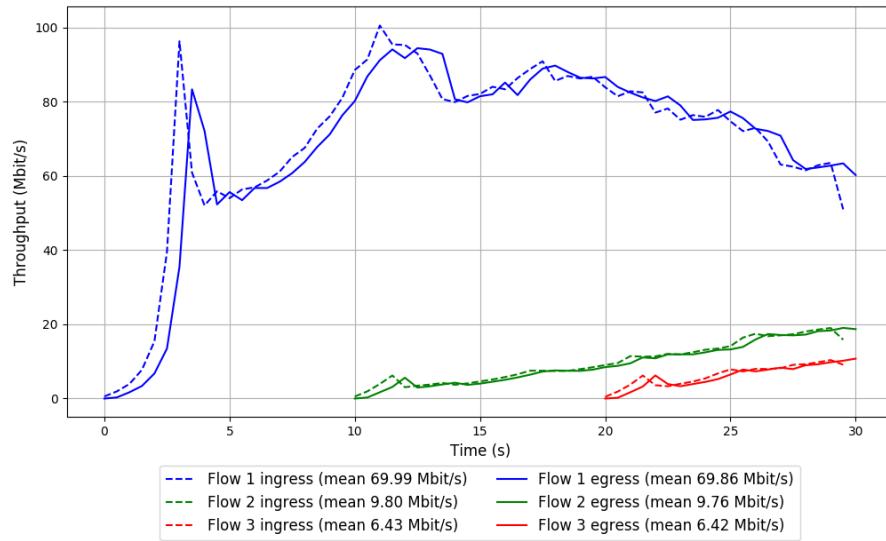


Run 4: Statistics of PCC-Vivace

```
Start at: 2019-09-18 11:00:18
End at: 2019-09-18 11:00:48
Local clock offset: -6.442 ms
Remote clock offset: -20.681 ms

# Below is generated by plot.py at 2019-09-18 11:56:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.47 Mbit/s
95th percentile per-packet one-way delay: 103.410 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 69.86 Mbit/s
95th percentile per-packet one-way delay: 104.299 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 9.76 Mbit/s
95th percentile per-packet one-way delay: 98.336 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 6.42 Mbit/s
95th percentile per-packet one-way delay: 94.326 ms
Loss rate: 0.04%
```

Run 4: Report of PCC-Vivace — Data Link

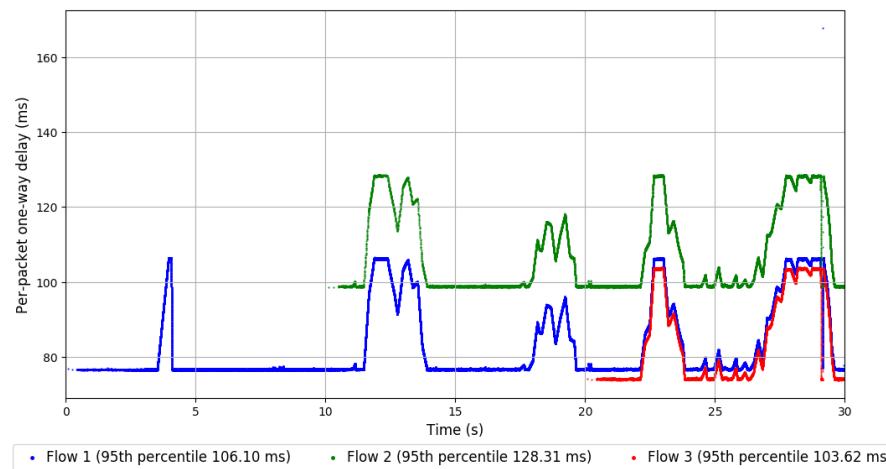
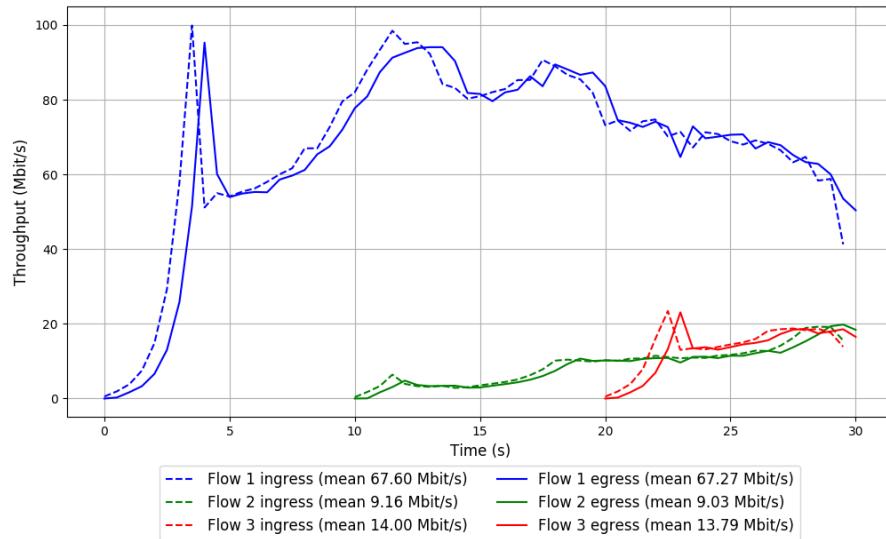


Run 5: Statistics of PCC-Vivace

```
Start at: 2019-09-18 11:30:49
End at: 2019-09-18 11:31:19
Local clock offset: -3.406 ms
Remote clock offset: -23.639 ms

# Below is generated by plot.py at 2019-09-18 11:56:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.82 Mbit/s
95th percentile per-packet one-way delay: 106.241 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 67.27 Mbit/s
95th percentile per-packet one-way delay: 106.096 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 9.03 Mbit/s
95th percentile per-packet one-way delay: 128.315 ms
Loss rate: 1.54%
-- Flow 3:
Average throughput: 13.79 Mbit/s
95th percentile per-packet one-way delay: 103.619 ms
Loss rate: 1.46%
```

Run 5: Report of PCC-Vivace — Data Link

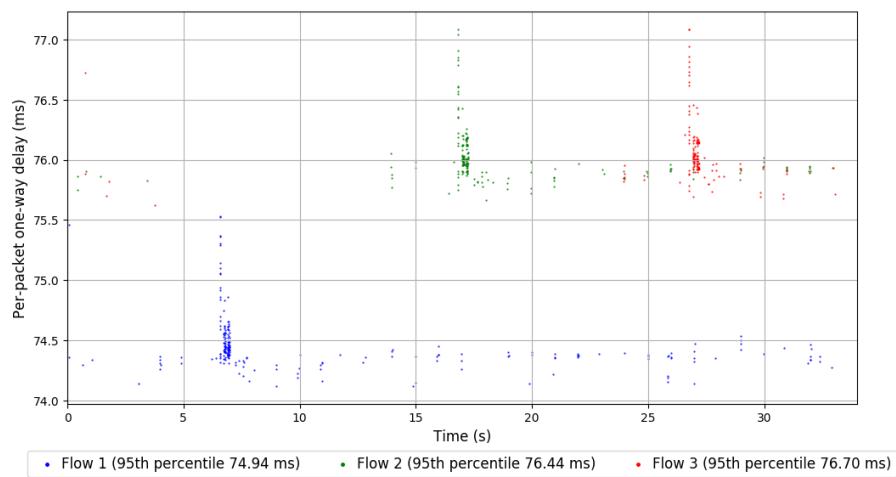
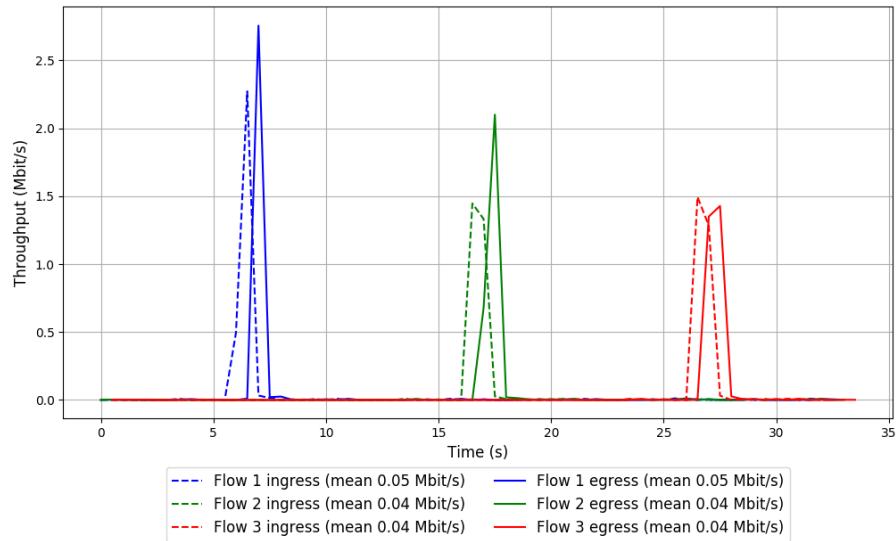


```
Run 1: Statistics of WebRTC media

Start at: 2019-09-18 09:26:20
End at: 2019-09-18 09:26:50
Local clock offset: 3.48 ms
Remote clock offset: -12.56 ms

# Below is generated by plot.py at 2019-09-18 11:56:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 76.378 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 74.937 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 76.438 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 76.704 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

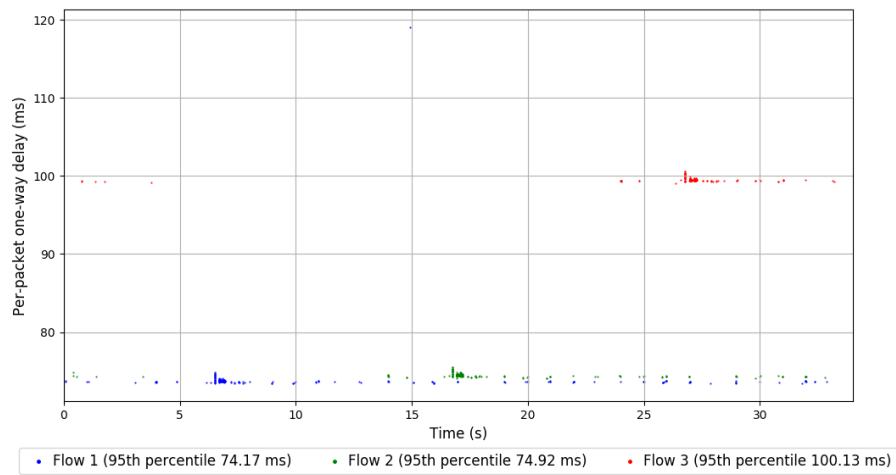
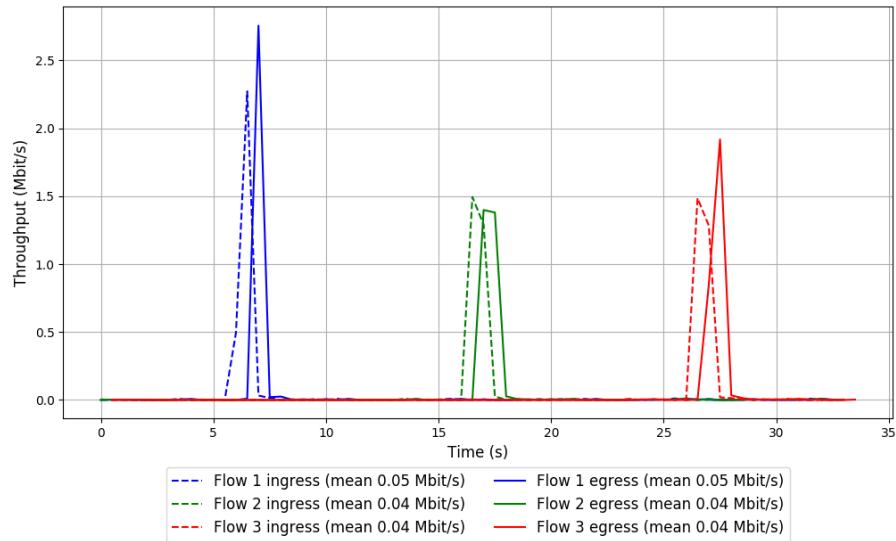


```
Run 2: Statistics of WebRTC media

Start at: 2019-09-18 09:56:44
End at: 2019-09-18 09:57:14
Local clock offset: 5.648 ms
Remote clock offset: -15.539 ms

# Below is generated by plot.py at 2019-09-18 11:56:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 99.645 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 74.169 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 74.917 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 100.126 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

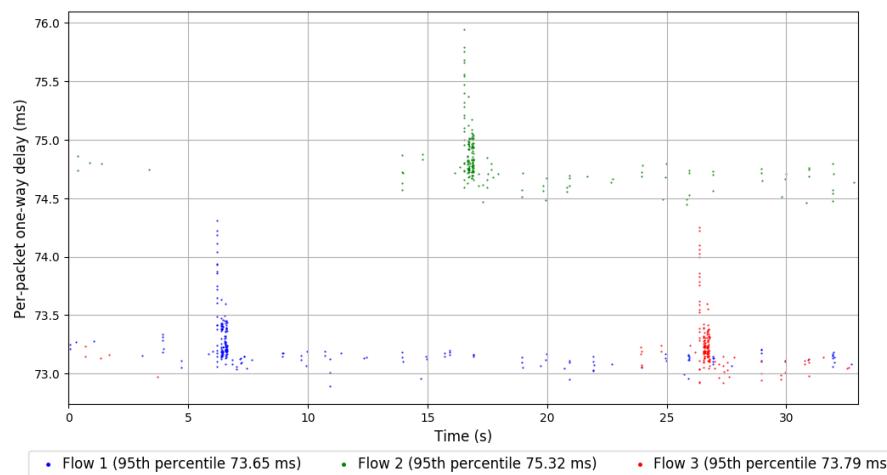
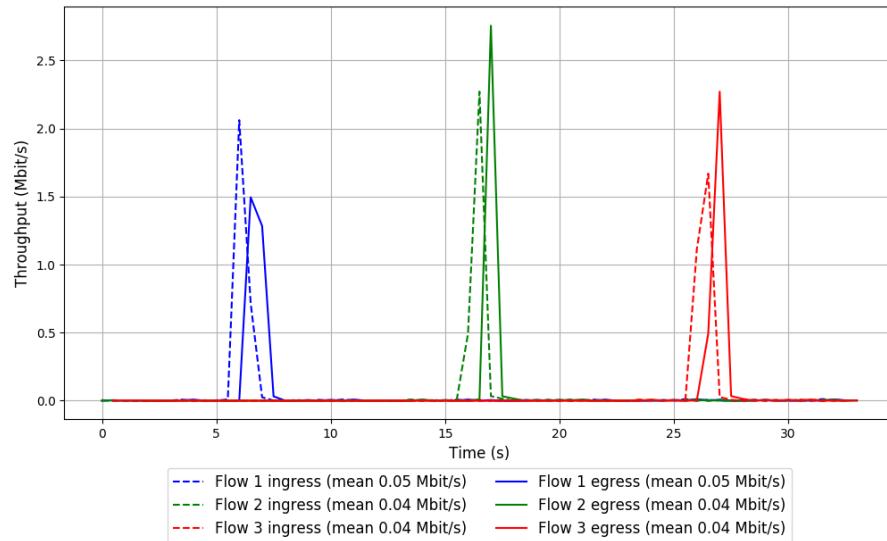


Run 3: Statistics of WebRTC media

```
Start at: 2019-09-18 10:27:09
End at: 2019-09-18 10:27:39
Local clock offset: -6.016 ms
Remote clock offset: -18.807 ms

# Below is generated by plot.py at 2019-09-18 11:56:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 75.004 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 73.651 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 75.316 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 73.787 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

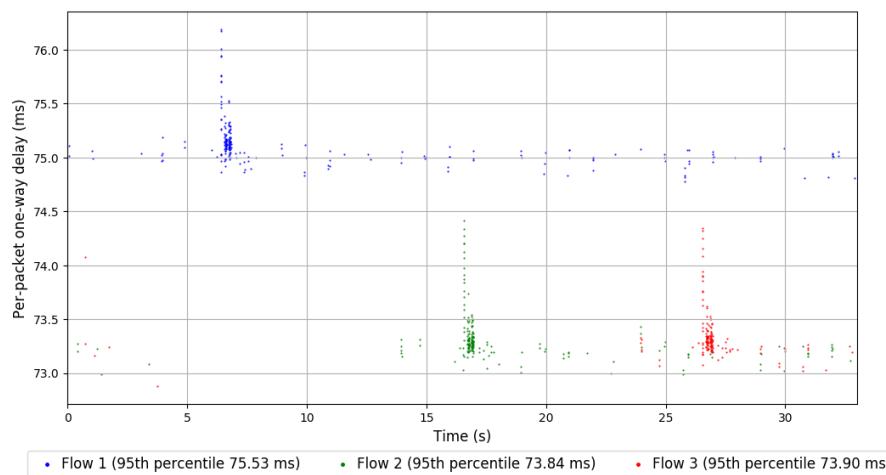
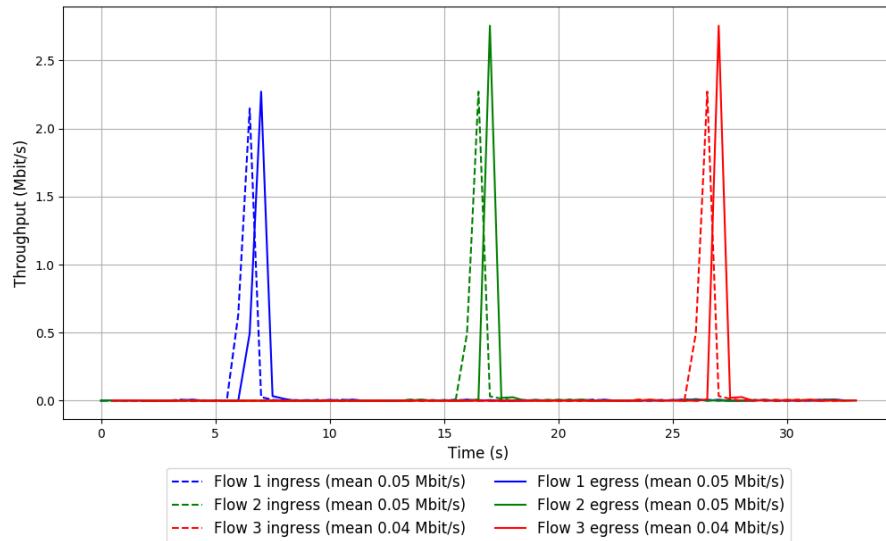


Run 4: Statistics of WebRTC media

```
Start at: 2019-09-18 10:57:48
End at: 2019-09-18 10:58:18
Local clock offset: -5.484 ms
Remote clock offset: -21.06 ms

# Below is generated by plot.py at 2019-09-18 11:56:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 75.264 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 75.530 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 73.844 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 73.899 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

```
Start at: 2019-09-18 11:28:19
End at: 2019-09-18 11:28:49
Local clock offset: -4.163 ms
Remote clock offset: -25.556 ms

# Below is generated by plot.py at 2019-09-18 11:56:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 99.441 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 72.333 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 99.734 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 74.985 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

