

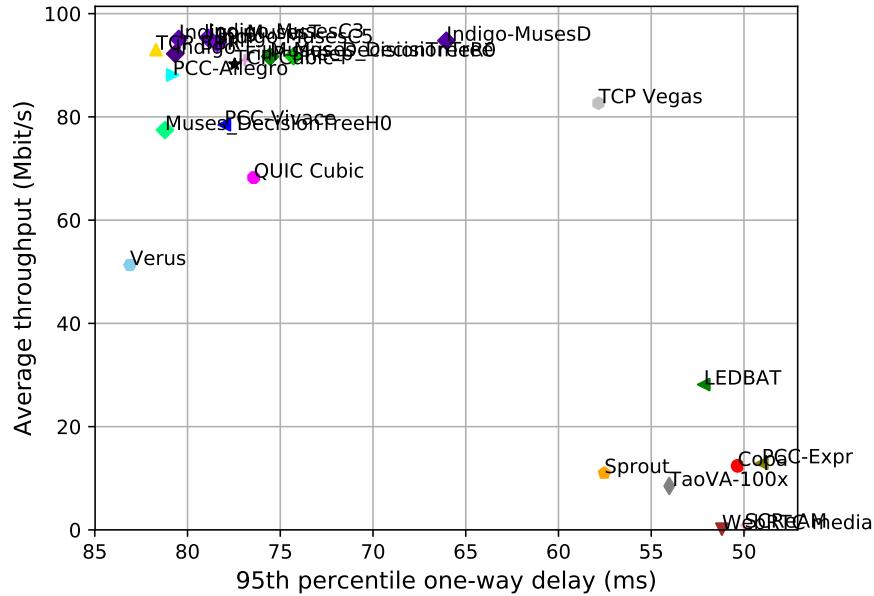
Pantheon Report

Generated at 2019-11-24 09:59:21 (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.

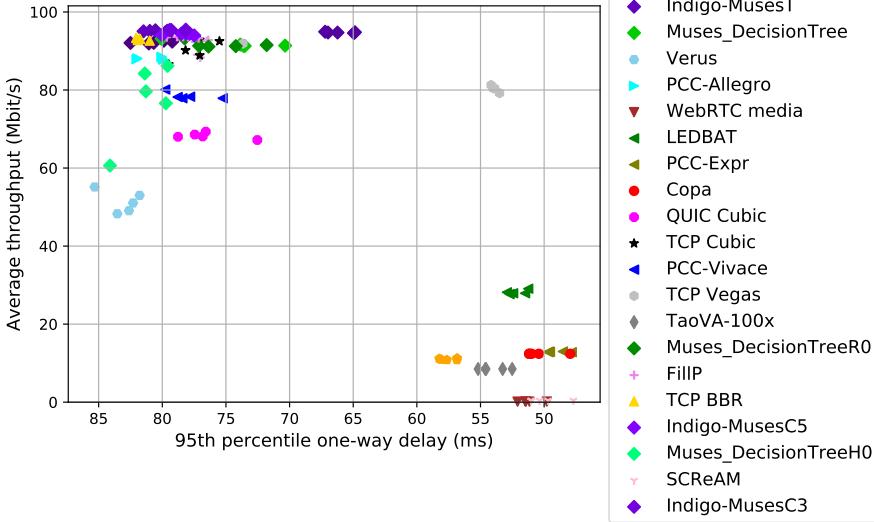
```
System info:  
Linux 4.15.0-1051-aws  
net.core.default_qdisc = fq  
net.core.rmem_default = 16777216  
net.core.rmem_max = 536870912  
net.core.wmem_default = 16777216  
net.core.wmem_max = 536870912  
net.ipv4.tcp_rmem = 4096 16777216 536870912  
net.ipv4.tcp_wmem = 4096 16777216 536870912  
  
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



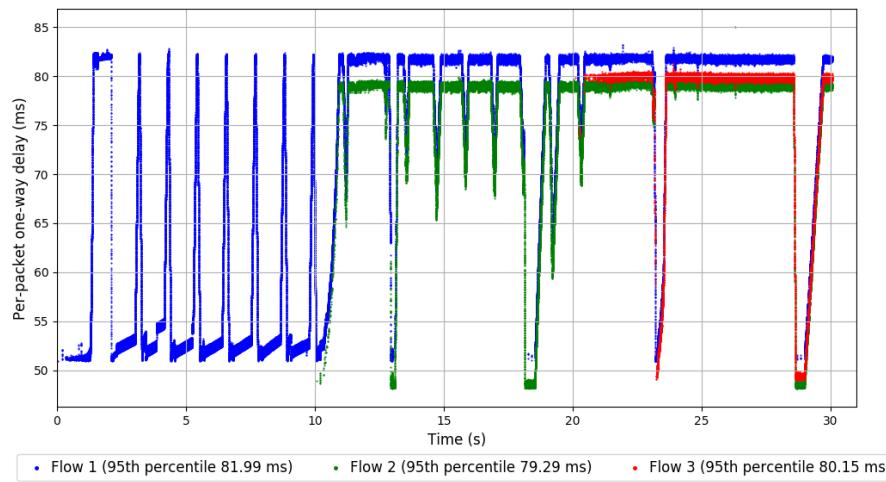
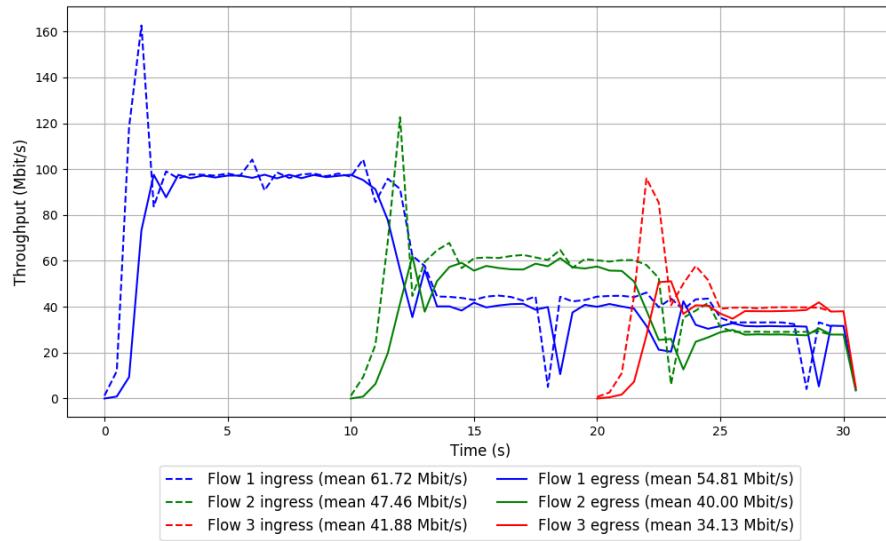
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	5	54.60	40.63	34.09	81.16	80.66	81.06	12.04	18.14	21.69
Copa	5	7.86	6.28	1.13	50.46	49.54	49.90	70.42	81.44	84.23
TCP Cubic	5	69.55	20.95	20.17	77.20	78.69	74.92	0.65	0.21	0.24
FillP	5	58.07	38.23	30.25	77.87	78.42	78.26	14.24	25.80	26.35
FillP-Sheep	5	52.20	42.84	31.04	76.86	76.54	77.01	5.80	11.46	11.95
Indigo	5	62.78	33.10	23.38	80.70	80.22	80.42	2.76	10.82	17.43
Indigo-MusesC3	5	49.93	48.57	47.55	77.26	78.68	79.10	1.57	2.14	4.19
Indigo-MusesC5	5	54.31	58.22	7.49	77.07	78.94	80.34	1.55	3.07	4.62
Indigo-MusesD	5	55.71	46.08	31.42	64.45	65.28	72.37	0.05	0.01	0.16
Indigo-MusesT	5	56.72	44.82	32.06	79.98	80.28	79.75	4.34	4.85	6.66
LEDBAT	5	18.13	12.16	5.82	51.93	51.56	52.16	0.00	0.00	0.00
Muses_DecisionTree	5	58.89	30.36	39.38	72.12	74.28	76.25	1.37	1.39	3.09
Muses_DecisionTreeH0	5	64.55	15.59	8.08	80.86	81.09	79.91	38.32	43.21	26.29
Muses_DecisionTreeR0	5	60.83	27.07	39.99	73.35	75.62	79.66	0.78	1.05	1.76
PCC-Allegro	5	81.45	5.98	8.17	80.77	80.99	80.65	2.76	4.57	5.80
PCC-Expr	5	7.93	6.30	2.36	48.30	48.33	49.12	56.73	40.65	46.08
QUIC Cubic	5	44.14	29.42	13.94	76.52	75.88	73.49	1.28	0.40	0.79
SCReAM	5	0.22	0.22	0.22	49.60	49.81	49.03	0.00	0.00	0.00
Sprout	5	5.57	5.55	5.26	57.64	57.41	56.75	0.00	0.00	0.00
TaoVA-100x	5	0.00	9.02	7.50	50.23	58.70	49.62	95.92	21.61	66.14
TCP Vegas	5	57.26	20.00	36.31	57.68	60.20	56.14	0.68	0.32	0.88
Verus	5	36.80	16.22	11.94	82.85	81.71	80.80	62.27	40.06	30.52
PCC-Vivace	5	63.43	17.99	9.34	78.06	77.78	75.72	0.28	0.49	0.48
WebRTC media	5	0.05	0.05	0.05	50.69	50.73	50.36	0.00	0.00	0.02

Run 1: Statistics of TCP BBR

```
Start at: 2019-11-24 07:26:30
End at: 2019-11-24 07:27:00
Local clock offset: -0.868 ms
Remote clock offset: -7.851 ms

# Below is generated by plot.py at 2019-11-24 09:47:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.80 Mbit/s
95th percentile per-packet one-way delay: 81.931 ms
Loss rate: 13.40%
-- Flow 1:
Average throughput: 54.81 Mbit/s
95th percentile per-packet one-way delay: 81.991 ms
Loss rate: 11.12%
-- Flow 2:
Average throughput: 40.00 Mbit/s
95th percentile per-packet one-way delay: 79.287 ms
Loss rate: 15.61%
-- Flow 3:
Average throughput: 34.13 Mbit/s
95th percentile per-packet one-way delay: 80.151 ms
Loss rate: 18.51%
```

Run 1: Report of TCP BBR — Data Link

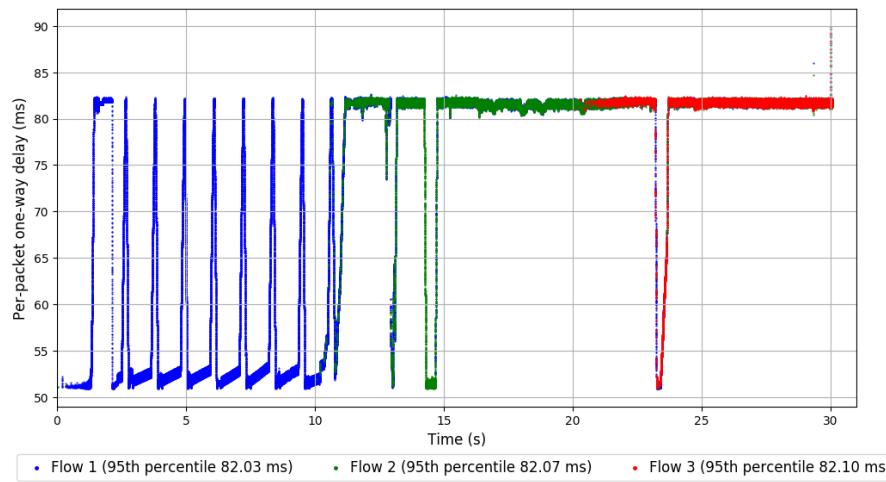
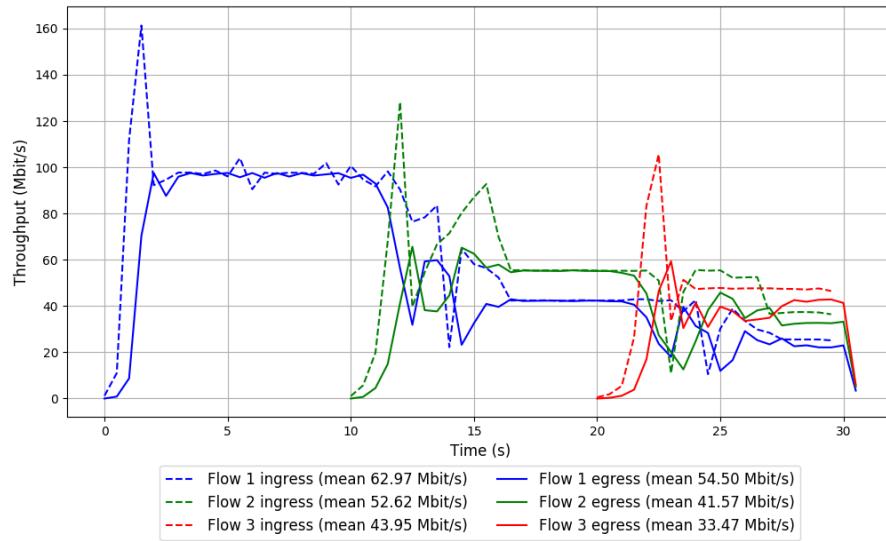


Run 2: Statistics of TCP BBR

```
Start at: 2019-11-24 07:56:25
End at: 2019-11-24 07:56:55
Local clock offset: 0.758 ms
Remote clock offset: -6.577 ms

# Below is generated by plot.py at 2019-11-24 09:47:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.34 Mbit/s
95th percentile per-packet one-way delay: 82.056 ms
Loss rate: 17.06%
-- Flow 1:
Average throughput: 54.50 Mbit/s
95th percentile per-packet one-way delay: 82.025 ms
Loss rate: 13.35%
-- Flow 2:
Average throughput: 41.57 Mbit/s
95th percentile per-packet one-way delay: 82.072 ms
Loss rate: 20.88%
-- Flow 3:
Average throughput: 33.47 Mbit/s
95th percentile per-packet one-way delay: 82.103 ms
Loss rate: 23.84%
```

Run 2: Report of TCP BBR — Data Link

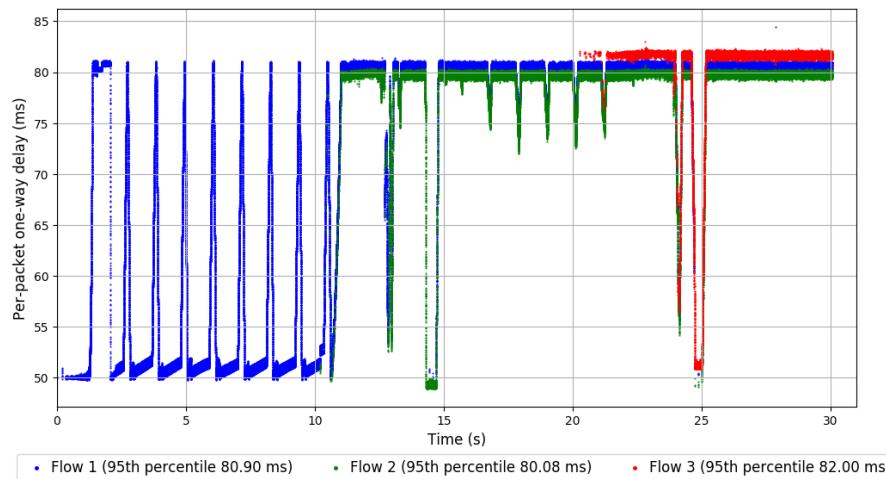
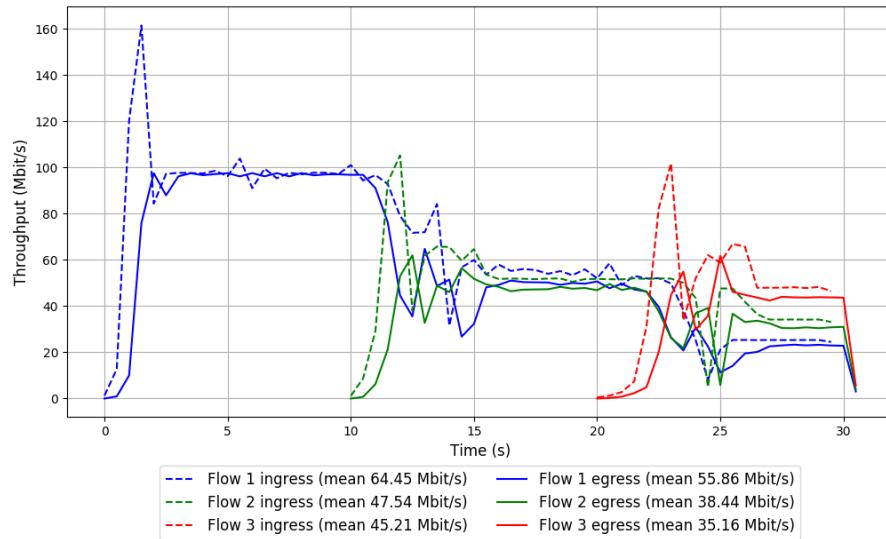


Run 3: Statistics of TCP BBR

```
Start at: 2019-11-24 08:26:23
End at: 2019-11-24 08:26:53
Local clock offset: -1.177 ms
Remote clock offset: -7.405 ms

# Below is generated by plot.py at 2019-11-24 09:47:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.16 Mbit/s
95th percentile per-packet one-way delay: 81.779 ms
Loss rate: 16.09%
-- Flow 1:
Average throughput: 55.86 Mbit/s
95th percentile per-packet one-way delay: 80.896 ms
Loss rate: 13.24%
-- Flow 2:
Average throughput: 38.44 Mbit/s
95th percentile per-packet one-way delay: 80.079 ms
Loss rate: 19.01%
-- Flow 3:
Average throughput: 35.16 Mbit/s
95th percentile per-packet one-way delay: 81.996 ms
Loss rate: 22.19%
```

Run 3: Report of TCP BBR — Data Link

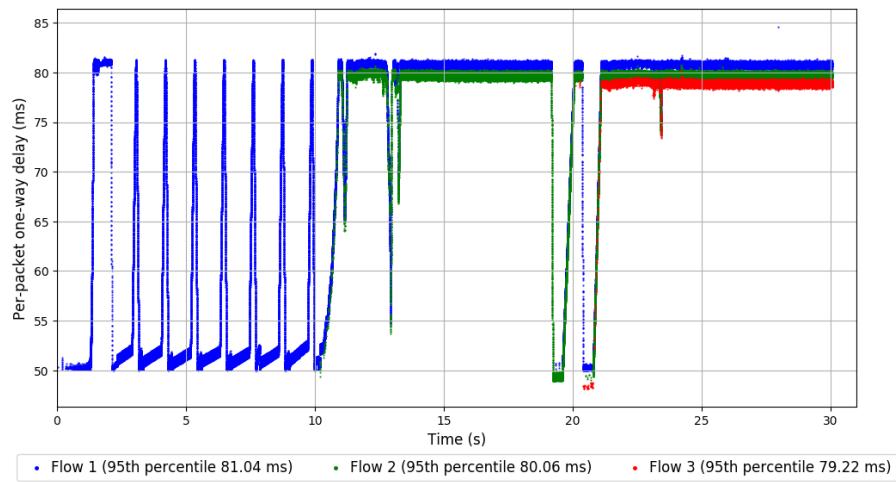
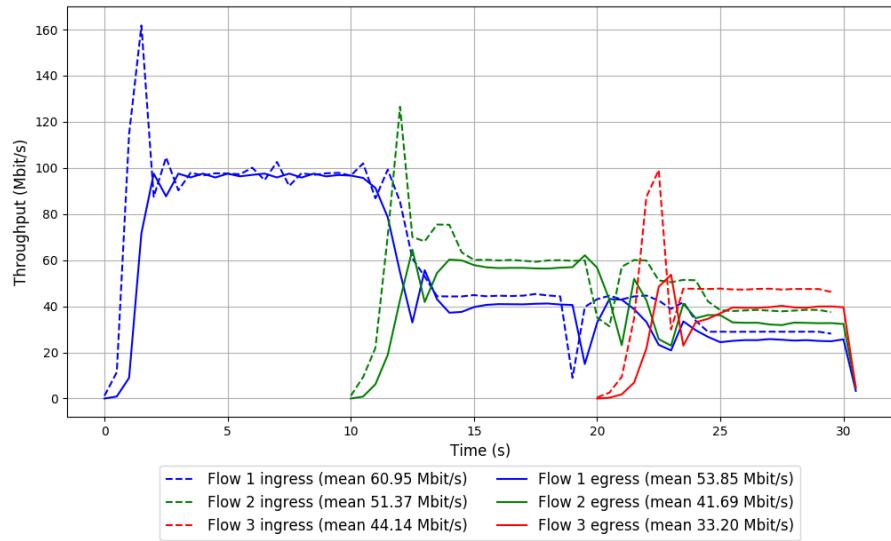


Run 4: Statistics of TCP BBR

```
Start at: 2019-11-24 08:56:22
End at: 2019-11-24 08:56:52
Local clock offset: -0.867 ms
Remote clock offset: -8.363 ms

# Below is generated by plot.py at 2019-11-24 09:47:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.65 Mbit/s
95th percentile per-packet one-way delay: 80.989 ms
Loss rate: 15.56%
-- Flow 1:
Average throughput: 53.85 Mbit/s
95th percentile per-packet one-way delay: 81.040 ms
Loss rate: 11.56%
-- Flow 2:
Average throughput: 41.69 Mbit/s
95th percentile per-packet one-way delay: 80.065 ms
Loss rate: 18.72%
-- Flow 3:
Average throughput: 33.20 Mbit/s
95th percentile per-packet one-way delay: 79.219 ms
Loss rate: 24.79%
```

Run 4: Report of TCP BBR — Data Link

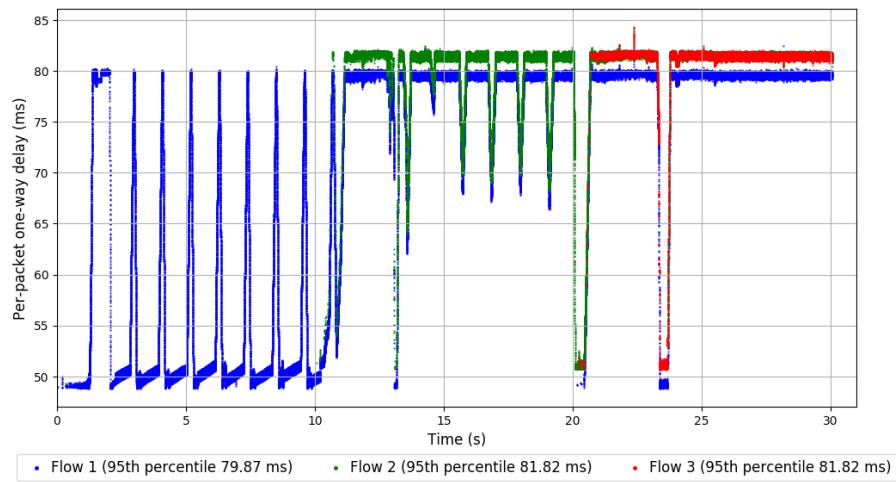
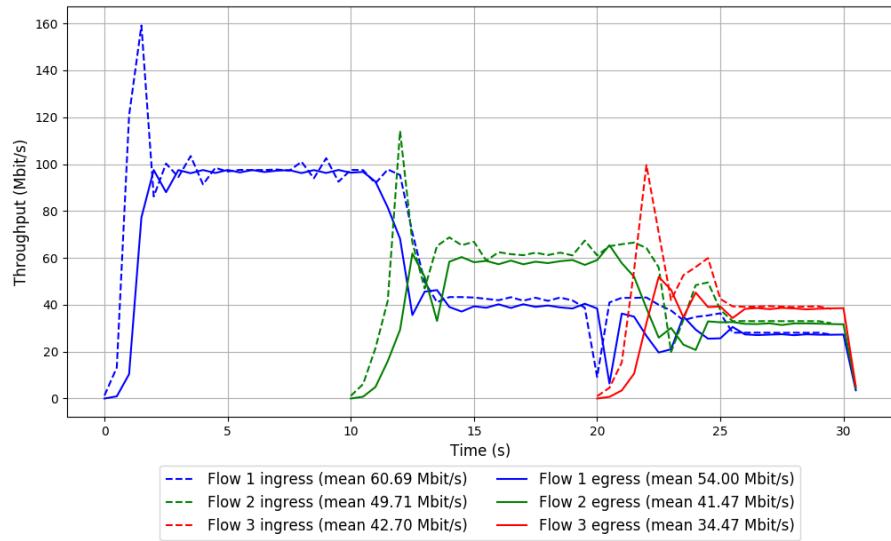


Run 5: Statistics of TCP BBR

```
Start at: 2019-11-24 09:26:30
End at: 2019-11-24 09:27:00
Local clock offset: -0.893 ms
Remote clock offset: -7.664 ms

# Below is generated by plot.py at 2019-11-24 09:47:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.10 Mbit/s
95th percentile per-packet one-way delay: 81.748 ms
Loss rate: 13.71%
-- Flow 1:
Average throughput: 54.00 Mbit/s
95th percentile per-packet one-way delay: 79.868 ms
Loss rate: 10.93%
-- Flow 2:
Average throughput: 41.47 Mbit/s
95th percentile per-packet one-way delay: 81.818 ms
Loss rate: 16.47%
-- Flow 3:
Average throughput: 34.47 Mbit/s
95th percentile per-packet one-way delay: 81.818 ms
Loss rate: 19.12%
```

Run 5: Report of TCP BBR — Data Link

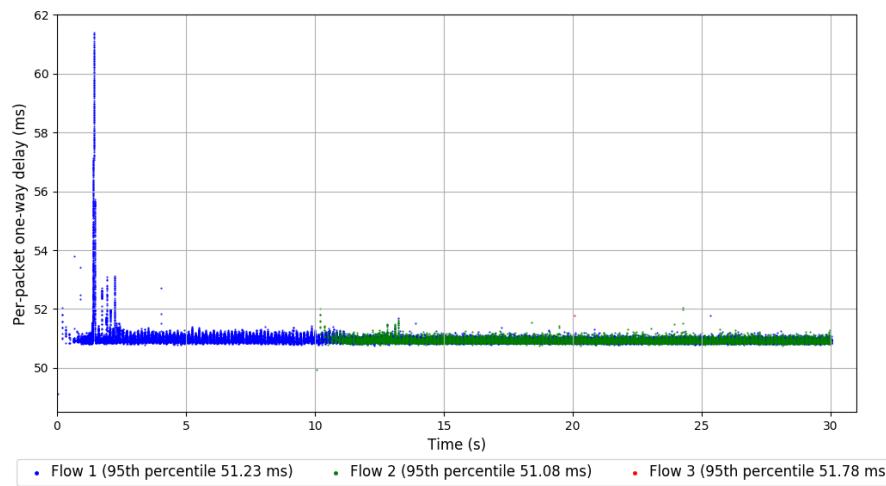
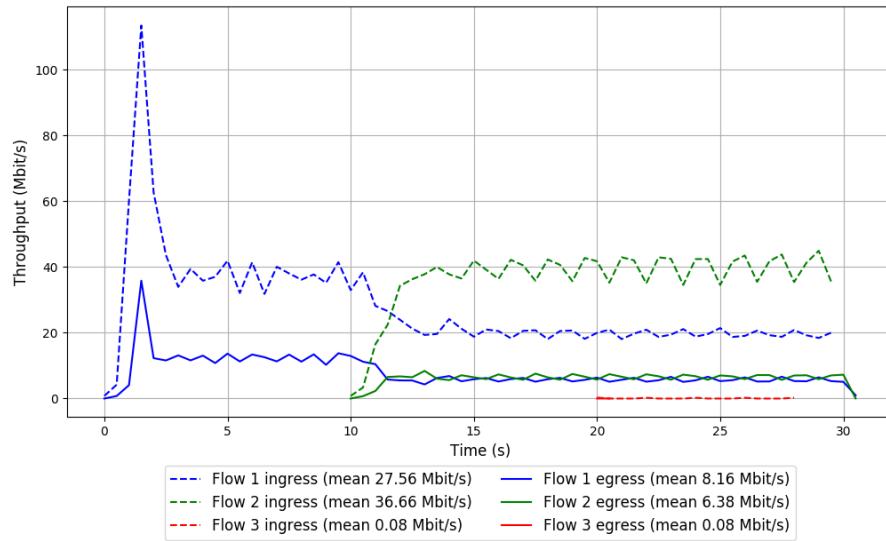


Run 1: Statistics of Copa

```
Start at: 2019-11-24 07:27:47
End at: 2019-11-24 07:28:17
Local clock offset: -0.82 ms
Remote clock offset: -7.013 ms

# Below is generated by plot.py at 2019-11-24 09:47:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 12.40 Mbit/s
95th percentile per-packet one-way delay: 51.178 ms
Loss rate: 76.12%
-- Flow 1:
Average throughput: 8.16 Mbit/s
95th percentile per-packet one-way delay: 51.233 ms
Loss rate: 70.39%
-- Flow 2:
Average throughput: 6.38 Mbit/s
95th percentile per-packet one-way delay: 51.083 ms
Loss rate: 82.58%
-- Flow 3:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 51.778 ms
Loss rate: 97.92%
```

Run 1: Report of Copa — Data Link

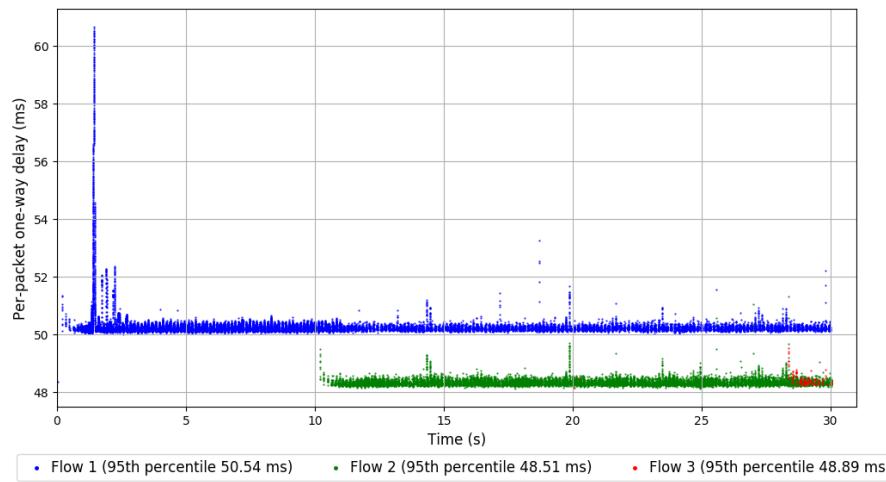
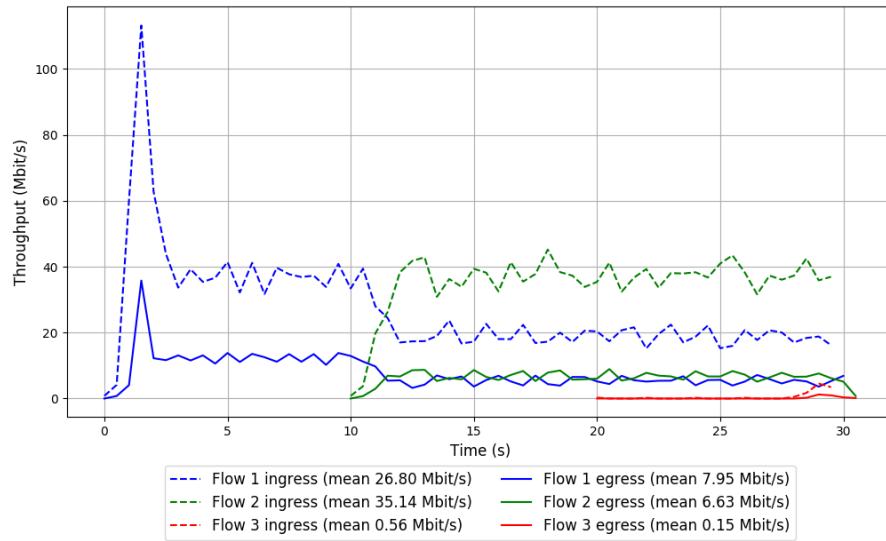


Run 2: Statistics of Copa

```
Start at: 2019-11-24 07:57:42
End at: 2019-11-24 07:58:12
Local clock offset: 0.853 ms
Remote clock offset: -6.566 ms

# Below is generated by plot.py at 2019-11-24 09:47:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 12.40 Mbit/s
95th percentile per-packet one-way delay: 50.414 ms
Loss rate: 75.37%
-- Flow 1:
Average throughput: 7.95 Mbit/s
95th percentile per-packet one-way delay: 50.541 ms
Loss rate: 70.34%
-- Flow 2:
Average throughput: 6.63 Mbit/s
95th percentile per-packet one-way delay: 48.510 ms
Loss rate: 81.13%
-- Flow 3:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 48.891 ms
Loss rate: 73.59%
```

Run 2: Report of Copa — Data Link

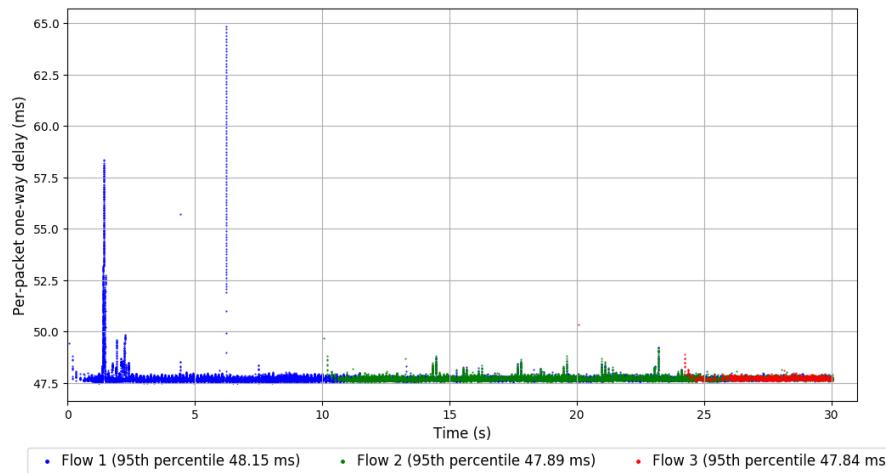
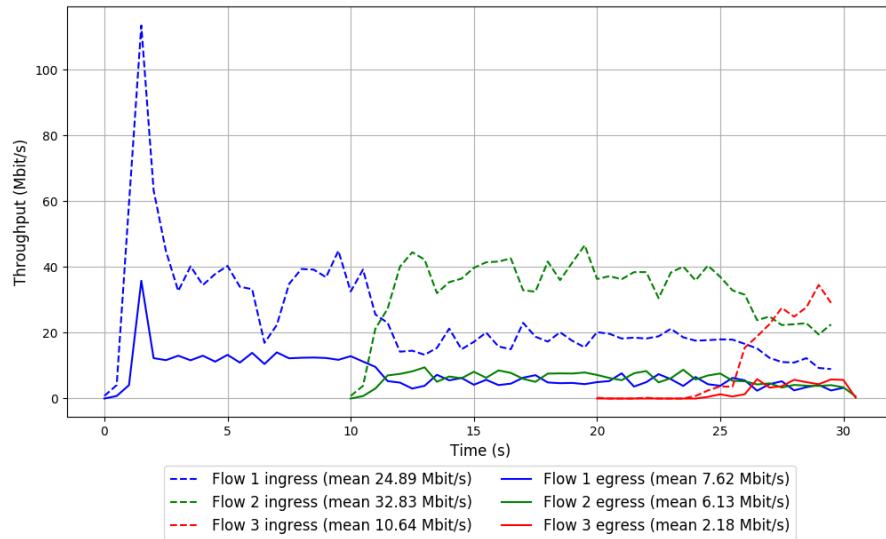


Run 3: Statistics of Copa

```
Start at: 2019-11-24 08:27:40
End at: 2019-11-24 08:28:11
Local clock offset: -0.408 ms
Remote clock offset: -8.169 ms

# Below is generated by plot.py at 2019-11-24 09:47:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 12.40 Mbit/s
95th percentile per-packet one-way delay: 47.950 ms
Loss rate: 75.30%
-- Flow 1:
Average throughput: 7.62 Mbit/s
95th percentile per-packet one-way delay: 48.149 ms
Loss rate: 69.39%
-- Flow 2:
Average throughput: 6.13 Mbit/s
95th percentile per-packet one-way delay: 47.890 ms
Loss rate: 81.34%
-- Flow 3:
Average throughput: 2.18 Mbit/s
95th percentile per-packet one-way delay: 47.844 ms
Loss rate: 79.48%
```

Run 3: Report of Copa — Data Link

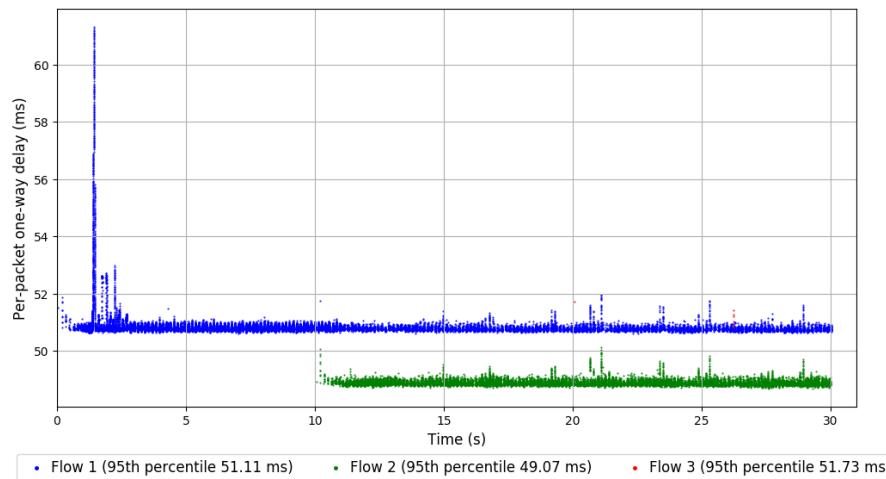
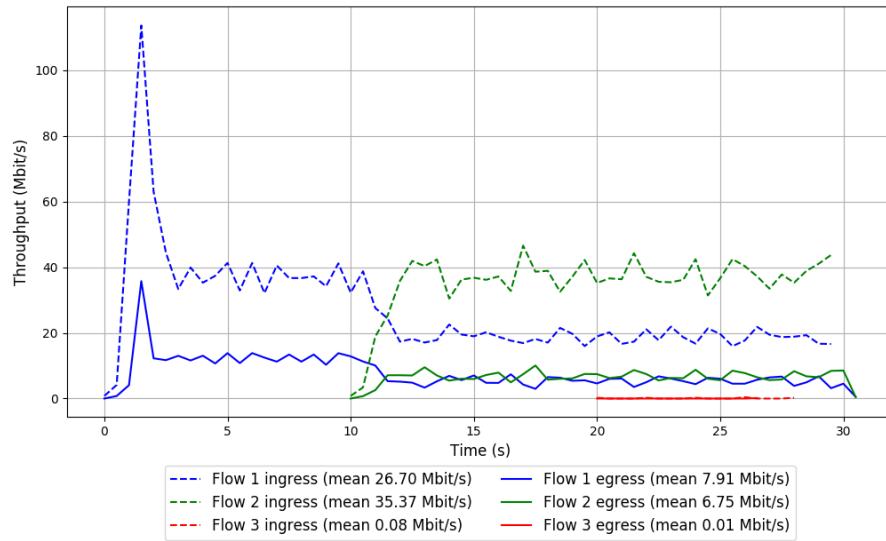


Run 4: Statistics of Copa

```
Start at: 2019-11-24 08:57:39
End at: 2019-11-24 08:58:09
Local clock offset: -1.637 ms
Remote clock offset: -8.394 ms

# Below is generated by plot.py at 2019-11-24 09:47:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 12.40 Mbit/s
95th percentile per-packet one-way delay: 50.985 ms
Loss rate: 75.32%
-- Flow 1:
Average throughput: 7.91 Mbit/s
95th percentile per-packet one-way delay: 51.110 ms
Loss rate: 70.37%
-- Flow 2:
Average throughput: 6.75 Mbit/s
95th percentile per-packet one-way delay: 49.073 ms
Loss rate: 80.93%
-- Flow 3:
Average throughput: 0.01 Mbit/s
95th percentile per-packet one-way delay: 51.733 ms
Loss rate: 89.34%
```

Run 4: Report of Copa — Data Link

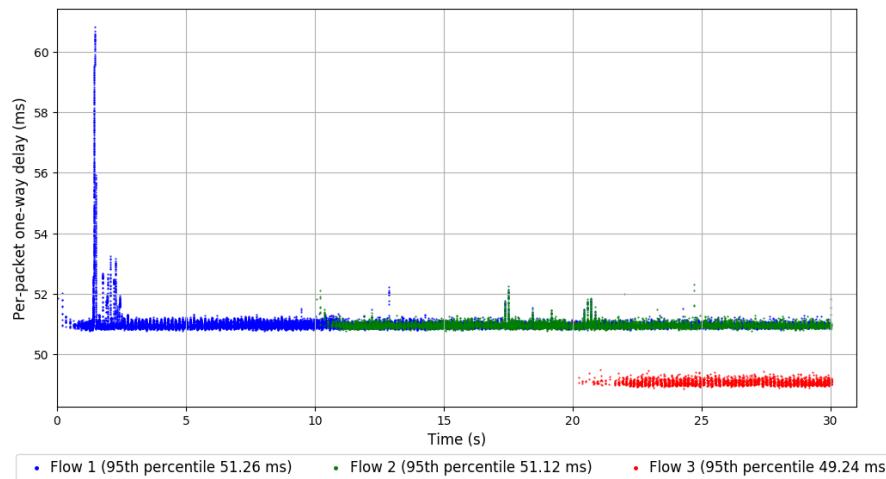
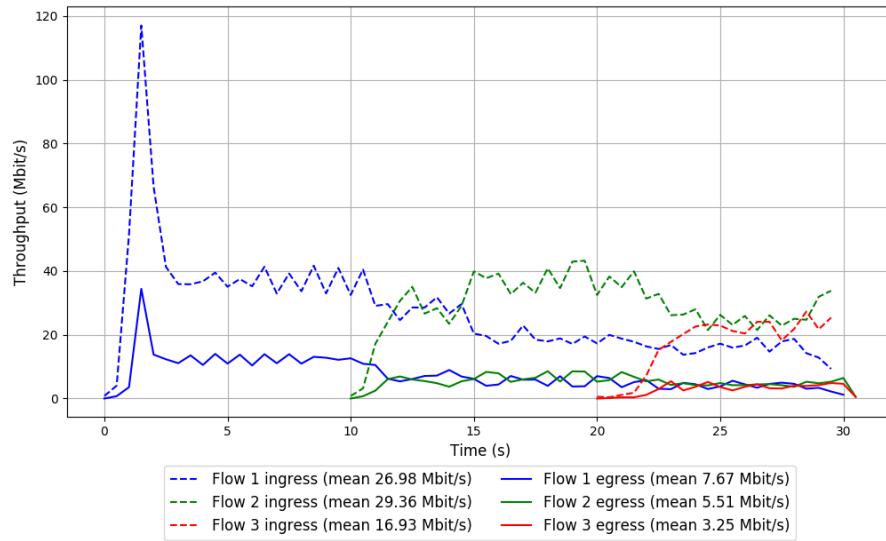


Run 5: Statistics of Copa

```
Start at: 2019-11-24 09:27:47
End at: 2019-11-24 09:28:17
Local clock offset: -0.936 ms
Remote clock offset: -7.622 ms

# Below is generated by plot.py at 2019-11-24 09:47:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 12.40 Mbit/s
95th percentile per-packet one-way delay: 51.175 ms
Loss rate: 76.20%
-- Flow 1:
Average throughput: 7.67 Mbit/s
95th percentile per-packet one-way delay: 51.261 ms
Loss rate: 71.59%
-- Flow 2:
Average throughput: 5.51 Mbit/s
95th percentile per-packet one-way delay: 51.124 ms
Loss rate: 81.23%
-- Flow 3:
Average throughput: 3.25 Mbit/s
95th percentile per-packet one-way delay: 49.236 ms
Loss rate: 80.80%
```

Run 5: Report of Copa — Data Link

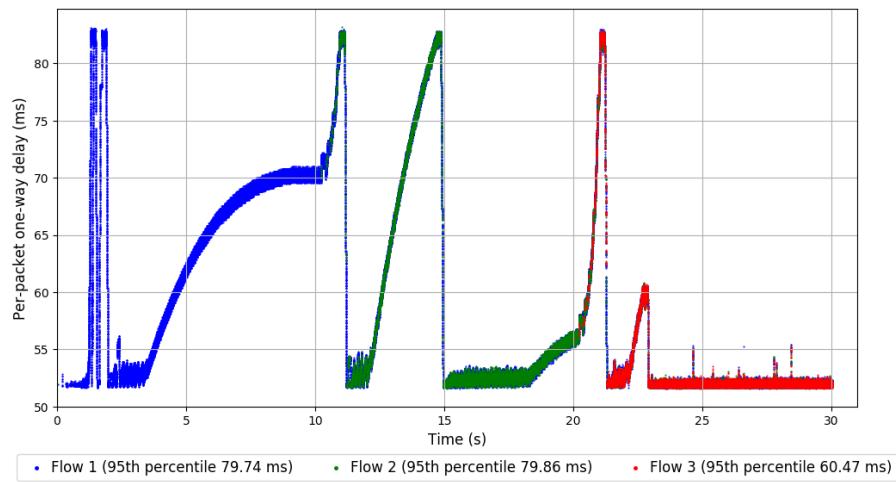
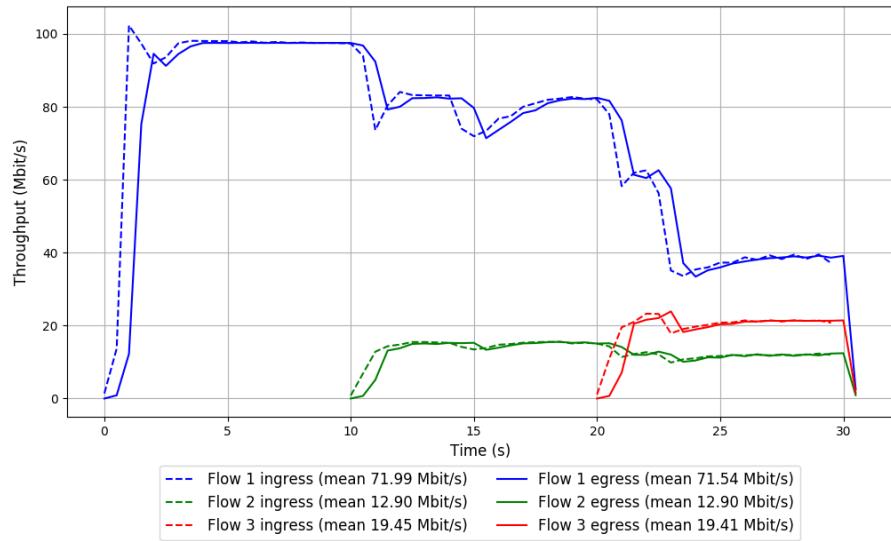


```
Run 1: Statistics of TCP Cubic

Start at: 2019-11-24 07:15:19
End at: 2019-11-24 07:15:49
Local clock offset: -1.241 ms
Remote clock offset: -8.473 ms

# Below is generated by plot.py at 2019-11-24 09:47:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.57 Mbit/s
95th percentile per-packet one-way delay: 79.493 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 71.54 Mbit/s
95th percentile per-packet one-way delay: 79.741 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 12.90 Mbit/s
95th percentile per-packet one-way delay: 79.864 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 19.41 Mbit/s
95th percentile per-packet one-way delay: 60.465 ms
Loss rate: 0.25%
```

Run 1: Report of TCP Cubic — Data Link

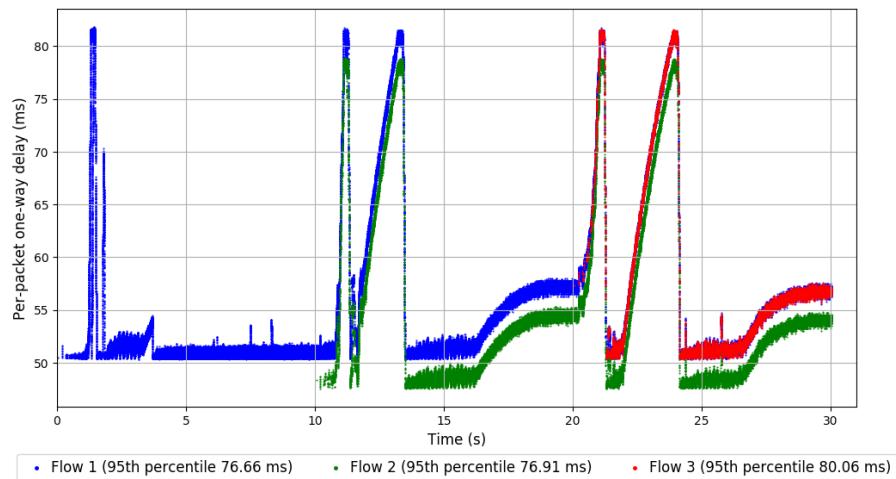
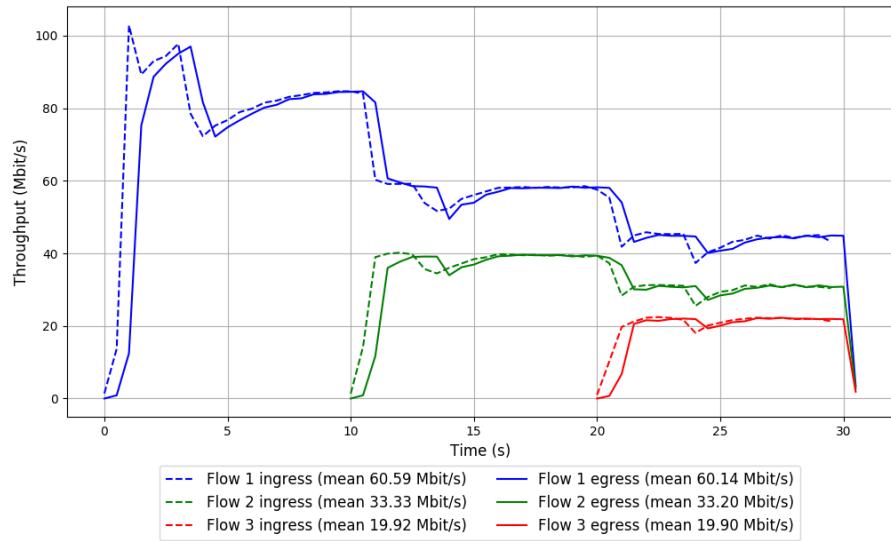


Run 2: Statistics of TCP Cubic

```
Start at: 2019-11-24 07:45:13
End at: 2019-11-24 07:45:43
Local clock offset: 0.454 ms
Remote clock offset: -6.586 ms

# Below is generated by plot.py at 2019-11-24 09:48:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.87 Mbit/s
95th percentile per-packet one-way delay: 77.056 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 60.14 Mbit/s
95th percentile per-packet one-way delay: 76.660 ms
Loss rate: 0.72%
-- Flow 2:
Average throughput: 33.20 Mbit/s
95th percentile per-packet one-way delay: 76.912 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 19.90 Mbit/s
95th percentile per-packet one-way delay: 80.057 ms
Loss rate: 0.16%
```

Run 2: Report of TCP Cubic — Data Link

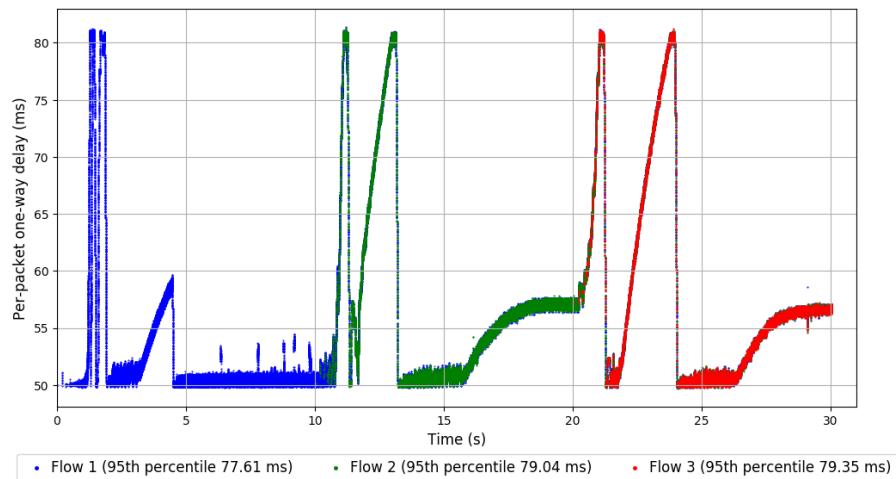
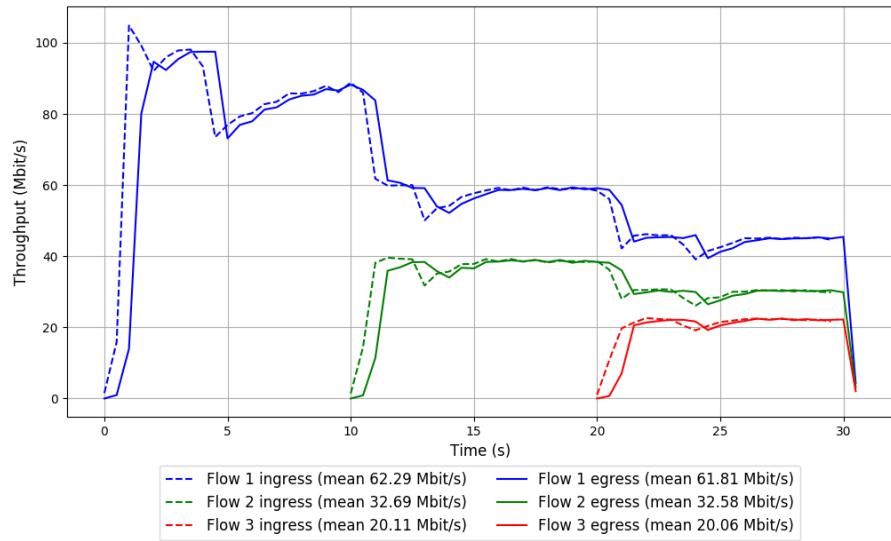


Run 3: Statistics of TCP Cubic

```
Start at: 2019-11-24 08:15:11
End at: 2019-11-24 08:15:41
Local clock offset: -0.53 ms
Remote clock offset: -6.371 ms

# Below is generated by plot.py at 2019-11-24 09:48:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.18 Mbit/s
95th percentile per-packet one-way delay: 78.173 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 61.81 Mbit/s
95th percentile per-packet one-way delay: 77.613 ms
Loss rate: 0.76%
-- Flow 2:
Average throughput: 32.58 Mbit/s
95th percentile per-packet one-way delay: 79.037 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 20.06 Mbit/s
95th percentile per-packet one-way delay: 79.346 ms
Loss rate: 0.26%
```

Run 3: Report of TCP Cubic — Data Link

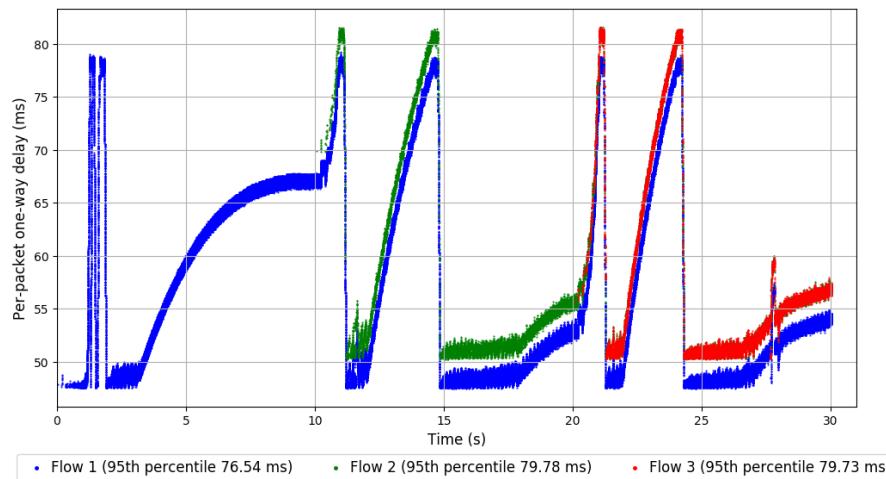
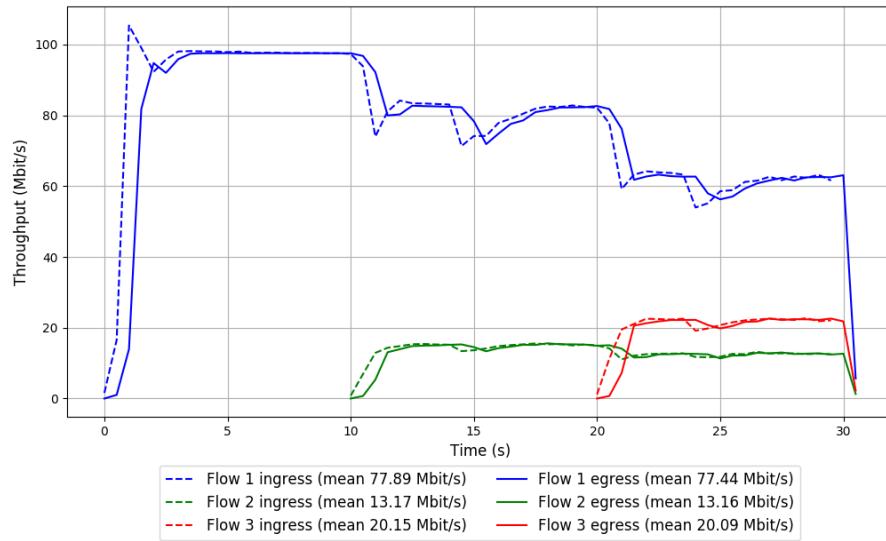


Run 4: Statistics of TCP Cubic

```
Start at: 2019-11-24 08:45:10
End at: 2019-11-24 08:45:40
Local clock offset: -0.738 ms
Remote clock offset: -9.058 ms

# Below is generated by plot.py at 2019-11-24 09:48:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.88 Mbit/s
95th percentile per-packet one-way delay: 77.067 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 77.44 Mbit/s
95th percentile per-packet one-way delay: 76.544 ms
Loss rate: 0.56%
-- Flow 2:
Average throughput: 13.16 Mbit/s
95th percentile per-packet one-way delay: 79.779 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 20.09 Mbit/s
95th percentile per-packet one-way delay: 79.732 ms
Loss rate: 0.29%
```

Run 4: Report of TCP Cubic — Data Link

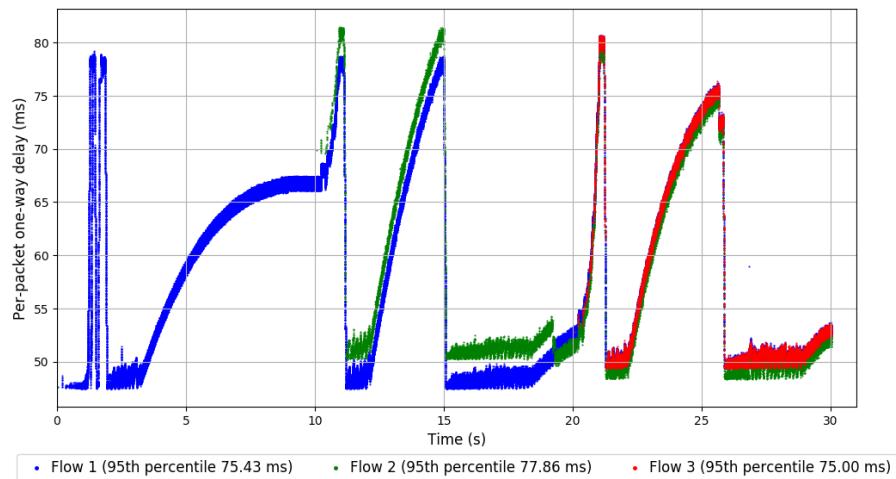
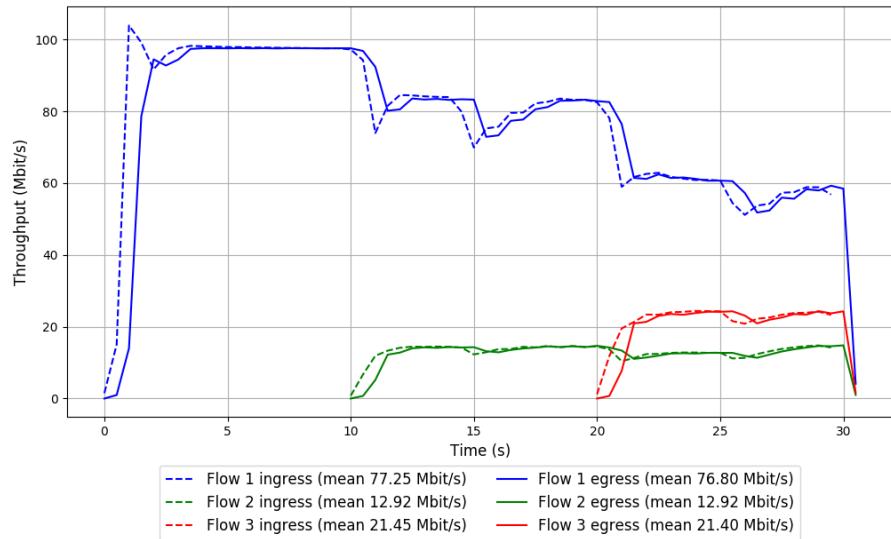


Run 5: Statistics of TCP Cubic

```
Start at: 2019-11-24 09:15:15
End at: 2019-11-24 09:15:45
Local clock offset: -0.533 ms
Remote clock offset: -8.433 ms

# Below is generated by plot.py at 2019-11-24 09:48:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.51 Mbit/s
95th percentile per-packet one-way delay: 75.510 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 76.80 Mbit/s
95th percentile per-packet one-way delay: 75.428 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 12.92 Mbit/s
95th percentile per-packet one-way delay: 77.863 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 21.40 Mbit/s
95th percentile per-packet one-way delay: 74.997 ms
Loss rate: 0.25%
```

Run 5: Report of TCP Cubic — Data Link

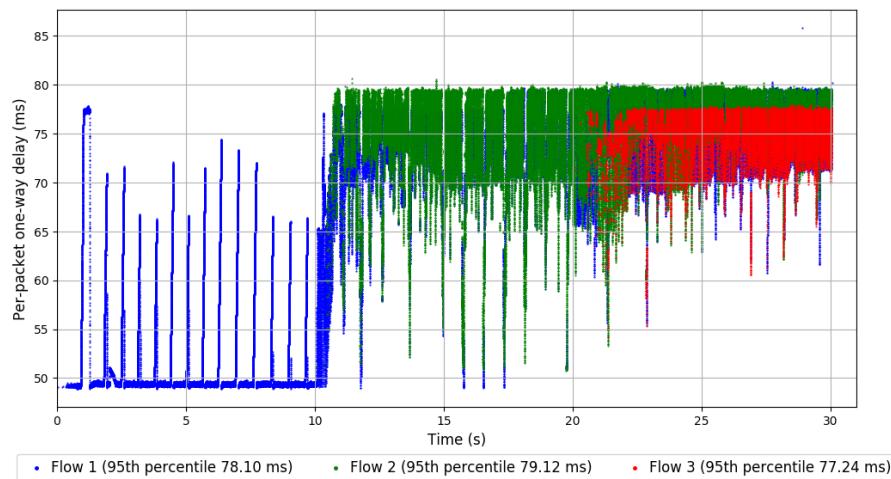
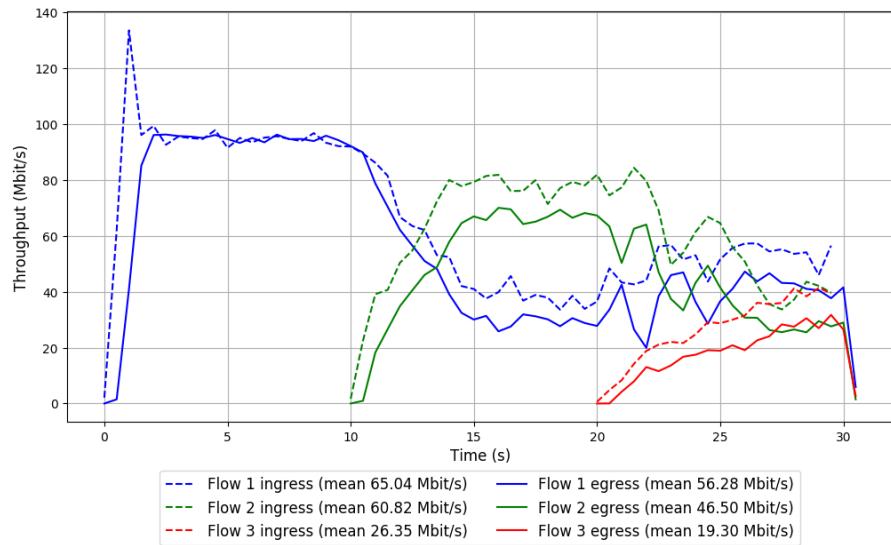


```
Run 1: Statistics of FillP

Start at: 2019-11-24 07:20:18
End at: 2019-11-24 07:20:49
Local clock offset: -1.016 ms
Remote clock offset: -8.418 ms

# Below is generated by plot.py at 2019-11-24 09:48:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.62 Mbit/s
95th percentile per-packet one-way delay: 78.846 ms
Loss rate: 17.97%
-- Flow 1:
Average throughput: 56.28 Mbit/s
95th percentile per-packet one-way delay: 78.099 ms
Loss rate: 13.39%
-- Flow 2:
Average throughput: 46.50 Mbit/s
95th percentile per-packet one-way delay: 79.118 ms
Loss rate: 23.43%
-- Flow 3:
Average throughput: 19.30 Mbit/s
95th percentile per-packet one-way delay: 77.237 ms
Loss rate: 26.78%
```

Run 1: Report of FillP — Data Link

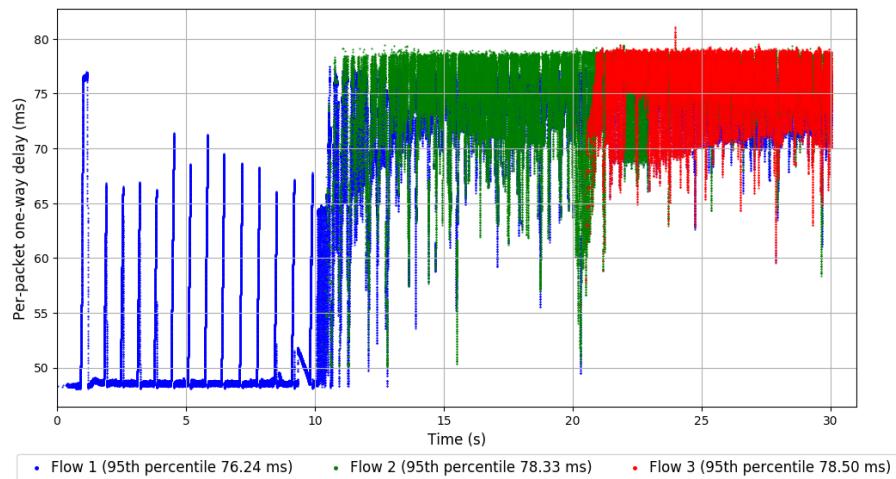
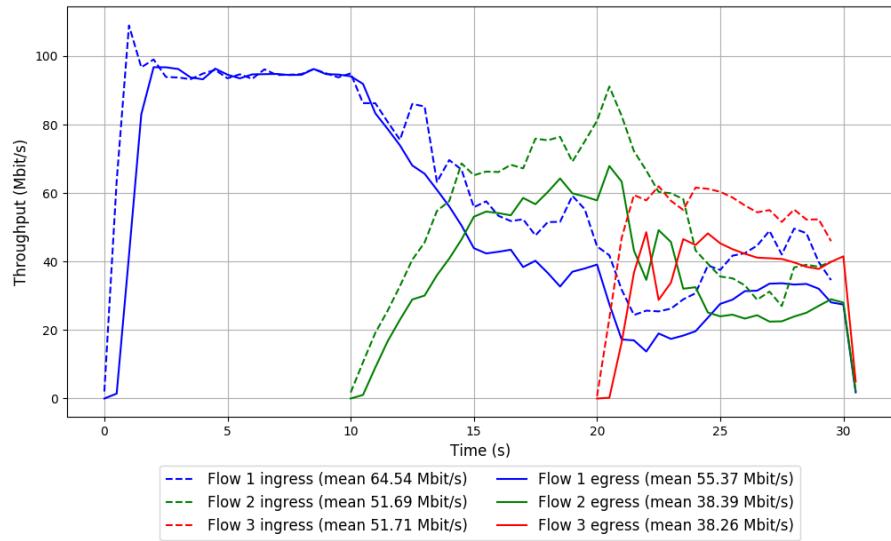


Run 2: Statistics of FillP

```
Start at: 2019-11-24 07:50:12
End at: 2019-11-24 07:50:42
Local clock offset: -0.127 ms
Remote clock offset: -6.995 ms

# Below is generated by plot.py at 2019-11-24 09:49:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.59 Mbit/s
95th percentile per-packet one-way delay: 77.989 ms
Loss rate: 19.31%
-- Flow 1:
Average throughput: 55.37 Mbit/s
95th percentile per-packet one-way delay: 76.237 ms
Loss rate: 14.15%
-- Flow 2:
Average throughput: 38.39 Mbit/s
95th percentile per-packet one-way delay: 78.327 ms
Loss rate: 25.65%
-- Flow 3:
Average throughput: 38.26 Mbit/s
95th percentile per-packet one-way delay: 78.496 ms
Loss rate: 26.00%
```

Run 2: Report of FillP — Data Link

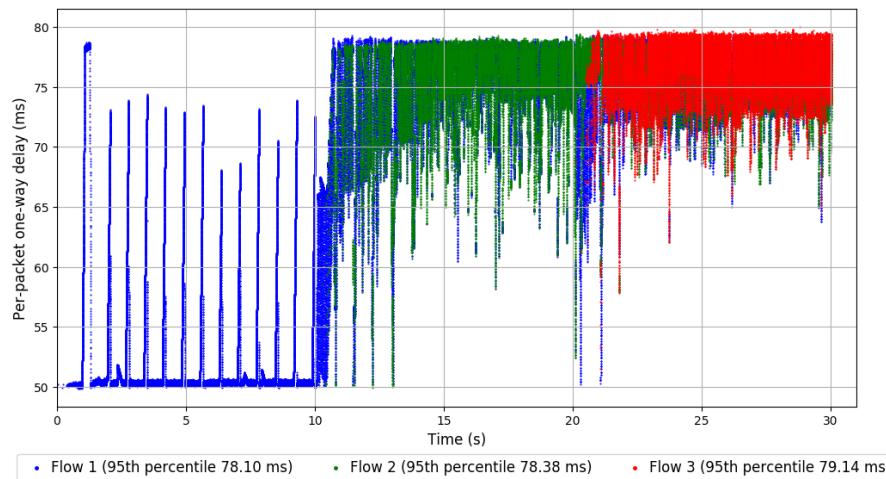
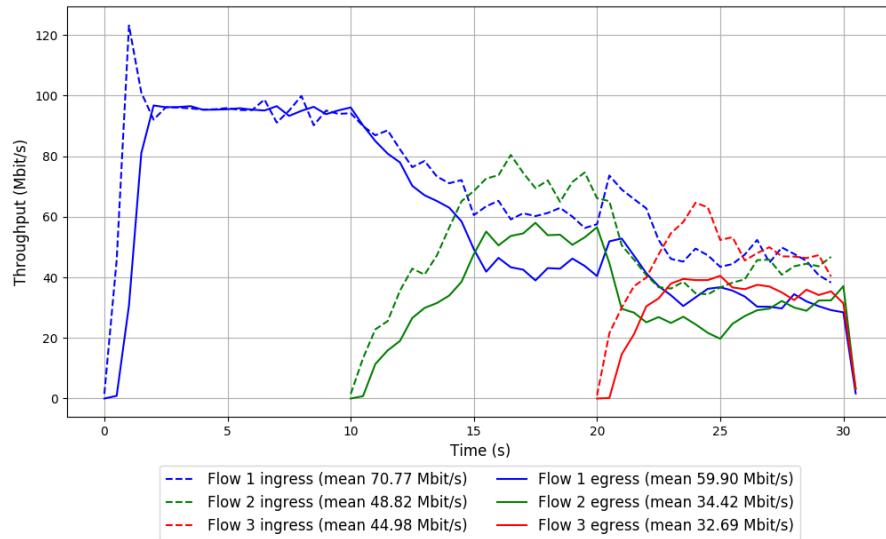


Run 3: Statistics of FillP

```
Start at: 2019-11-24 08:20:11
End at: 2019-11-24 08:20:41
Local clock offset: -0.834 ms
Remote clock offset: -6.973 ms

# Below is generated by plot.py at 2019-11-24 09:49:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.62 Mbit/s
95th percentile per-packet one-way delay: 78.363 ms
Loss rate: 20.69%
-- Flow 1:
Average throughput: 59.90 Mbit/s
95th percentile per-packet one-way delay: 78.101 ms
Loss rate: 15.30%
-- Flow 2:
Average throughput: 34.42 Mbit/s
95th percentile per-packet one-way delay: 78.382 ms
Loss rate: 29.41%
-- Flow 3:
Average throughput: 32.69 Mbit/s
95th percentile per-packet one-way delay: 79.143 ms
Loss rate: 27.27%
```

Run 3: Report of FillP — Data Link

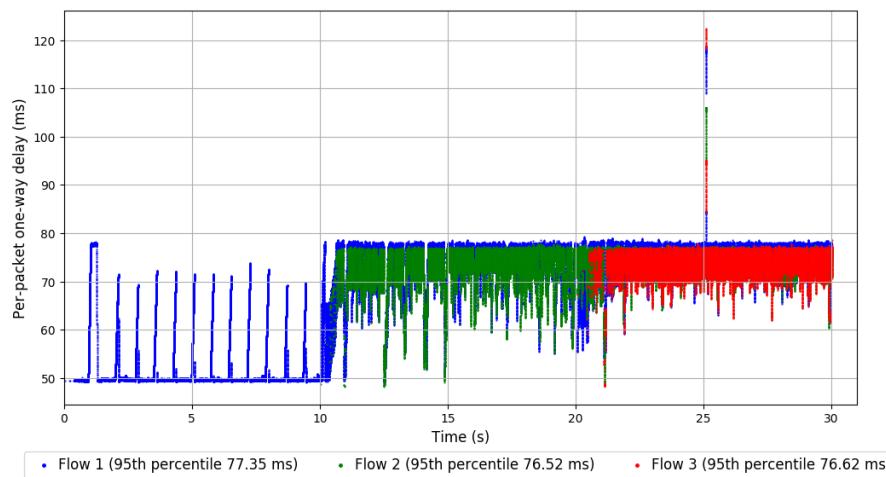
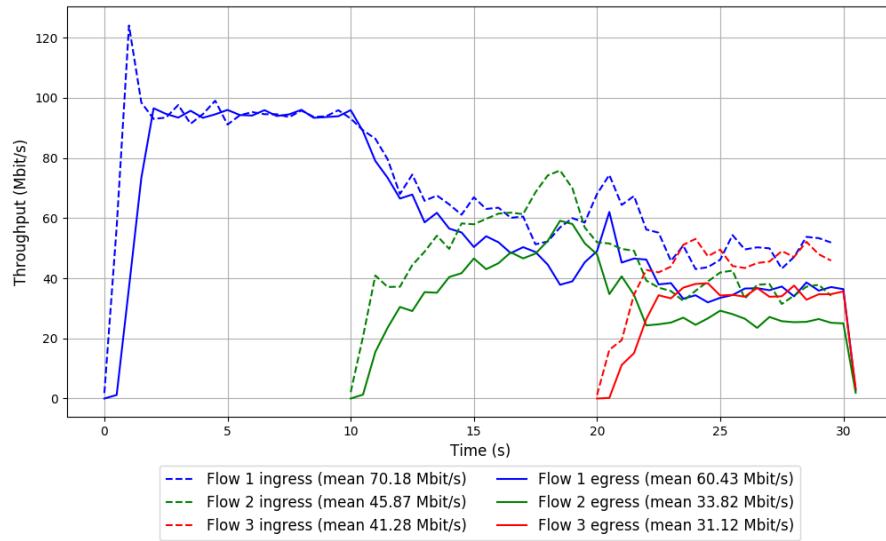


```
Run 4: Statistics of FillP
```

```
Start at: 2019-11-24 08:50:10
End at: 2019-11-24 08:50:40
Local clock offset: -0.82 ms
Remote clock offset: -9.187 ms

# Below is generated by plot.py at 2019-11-24 09:49:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.26 Mbit/s
95th percentile per-packet one-way delay: 77.145 ms
Loss rate: 18.40%
-- Flow 1:
Average throughput: 60.43 Mbit/s
95th percentile per-packet one-way delay: 77.354 ms
Loss rate: 13.82%
-- Flow 2:
Average throughput: 33.82 Mbit/s
95th percentile per-packet one-way delay: 76.520 ms
Loss rate: 26.19%
-- Flow 3:
Average throughput: 31.12 Mbit/s
95th percentile per-packet one-way delay: 76.618 ms
Loss rate: 24.52%
```

Run 4: Report of FillP — Data Link

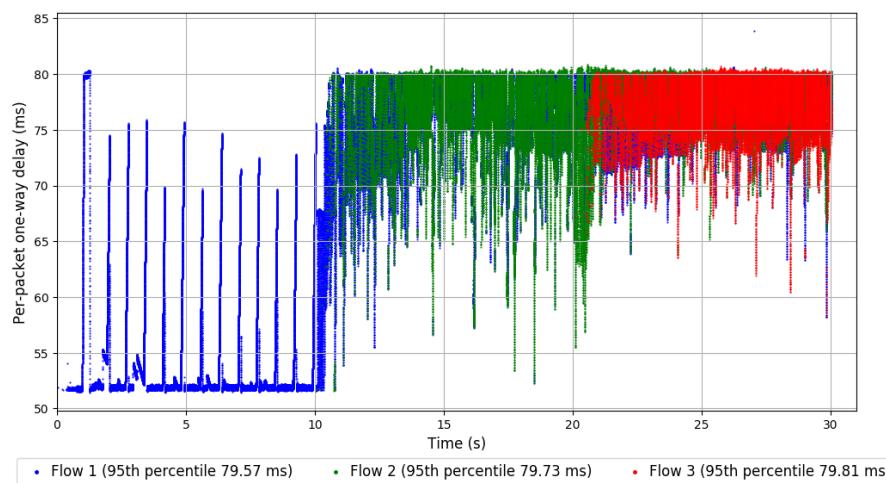
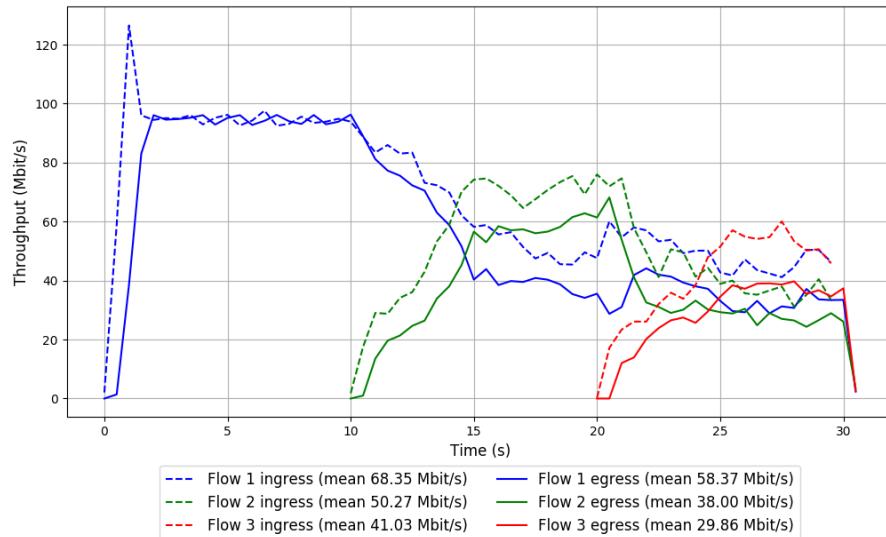


Run 5: Statistics of FillP

```
Start at: 2019-11-24 09:20:17
End at: 2019-11-24 09:20:47
Local clock offset: -1.042 ms
Remote clock offset: -7.671 ms

# Below is generated by plot.py at 2019-11-24 09:49:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.54 Mbit/s
95th percentile per-packet one-way delay: 79.645 ms
Loss rate: 18.86%
-- Flow 1:
Average throughput: 58.37 Mbit/s
95th percentile per-packet one-way delay: 79.574 ms
Loss rate: 14.54%
-- Flow 2:
Average throughput: 38.00 Mbit/s
95th percentile per-packet one-way delay: 79.733 ms
Loss rate: 24.32%
-- Flow 3:
Average throughput: 29.86 Mbit/s
95th percentile per-packet one-way delay: 79.811 ms
Loss rate: 27.16%
```

Run 5: Report of FillP — Data Link

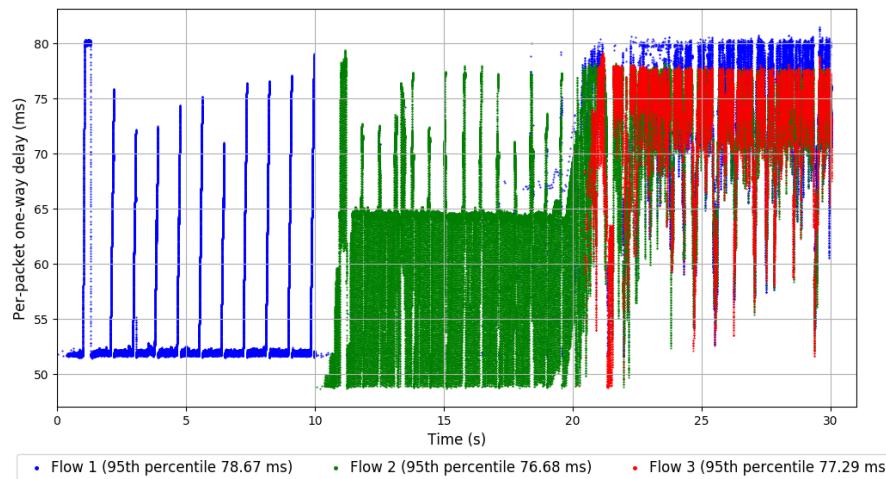
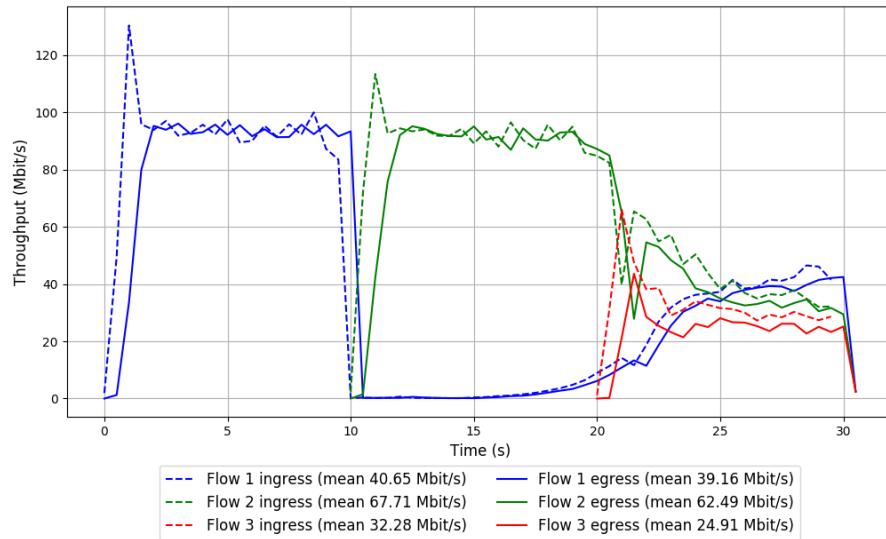


Run 1: Statistics of FillP-Sheep

```
Start at: 2019-11-24 07:33:54
End at: 2019-11-24 07:34:24
Local clock offset: -0.785 ms
Remote clock offset: -6.682 ms

# Below is generated by plot.py at 2019-11-24 09:49:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.00 Mbit/s
95th percentile per-packet one-way delay: 77.229 ms
Loss rate: 7.61%
-- Flow 1:
Average throughput: 39.16 Mbit/s
95th percentile per-packet one-way delay: 78.667 ms
Loss rate: 3.61%
-- Flow 2:
Average throughput: 62.49 Mbit/s
95th percentile per-packet one-way delay: 76.676 ms
Loss rate: 7.61%
-- Flow 3:
Average throughput: 24.91 Mbit/s
95th percentile per-packet one-way delay: 77.294 ms
Loss rate: 22.83%
```

Run 1: Report of FillP-Sheep — Data Link

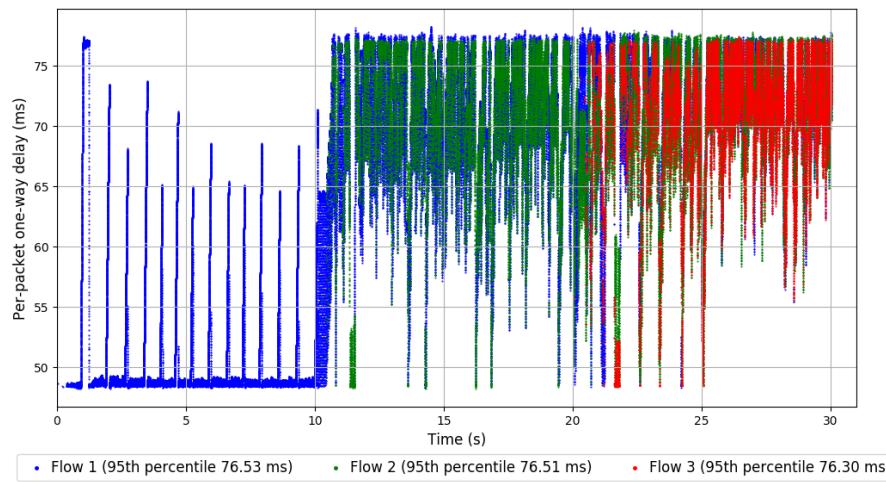
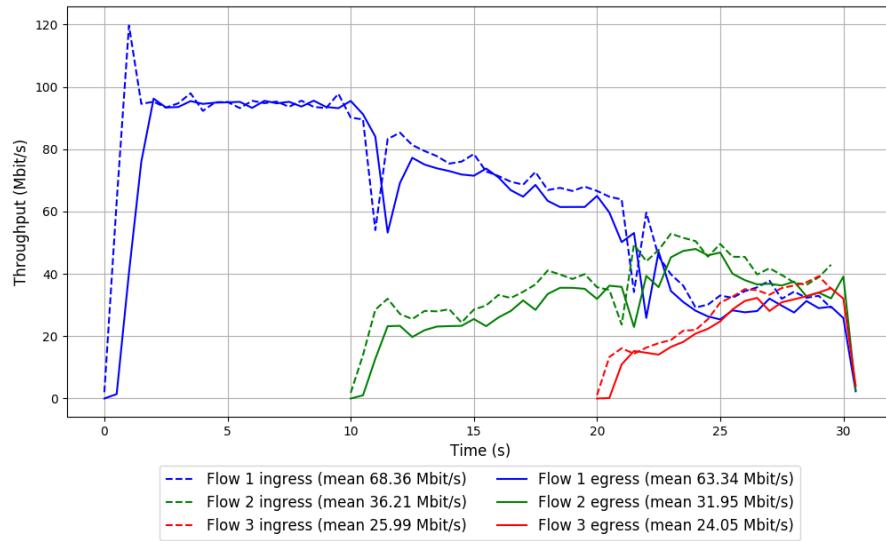


Run 2: Statistics of FillP-Sheep

```
Start at: 2019-11-24 08:03:49
End at: 2019-11-24 08:04:19
Local clock offset: 0.965 ms
Remote clock offset: -7.19 ms

# Below is generated by plot.py at 2019-11-24 09:50:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.55 Mbit/s
95th percentile per-packet one-way delay: 76.513 ms
Loss rate: 8.34%
-- Flow 1:
Average throughput: 63.34 Mbit/s
95th percentile per-packet one-way delay: 76.530 ms
Loss rate: 7.27%
-- Flow 2:
Average throughput: 31.95 Mbit/s
95th percentile per-packet one-way delay: 76.513 ms
Loss rate: 11.72%
-- Flow 3:
Average throughput: 24.05 Mbit/s
95th percentile per-packet one-way delay: 76.296 ms
Loss rate: 7.33%
```

Run 2: Report of FillP-Sheep — Data Link

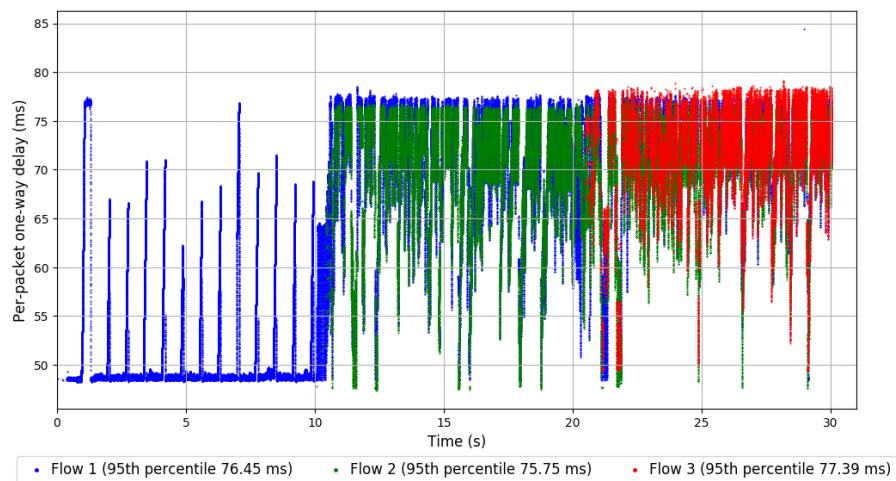
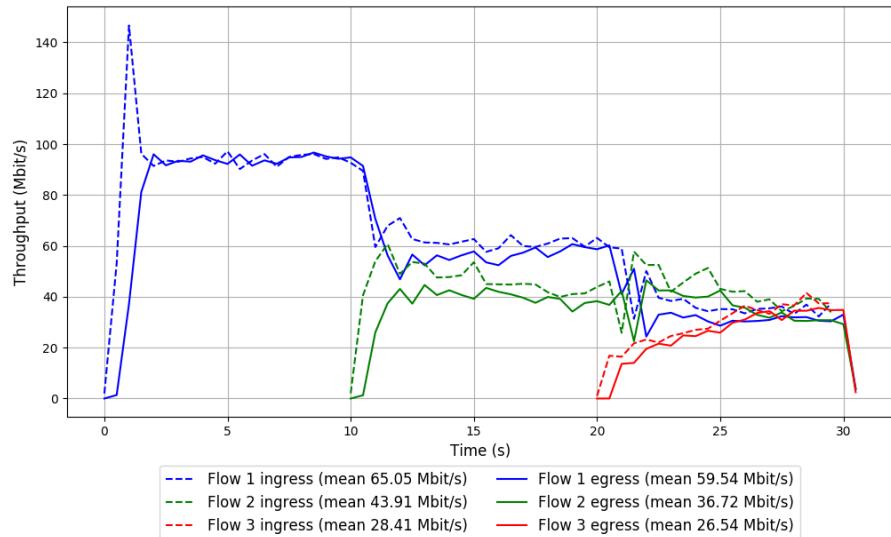


Run 3: Statistics of FillP-Sheep

```
Start at: 2019-11-24 08:33:48
End at: 2019-11-24 08:34:18
Local clock offset: -0.611 ms
Remote clock offset: -8.705 ms

# Below is generated by plot.py at 2019-11-24 09:50:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.79 Mbit/s
95th percentile per-packet one-way delay: 76.384 ms
Loss rate: 10.44%
-- Flow 1:
Average throughput: 59.54 Mbit/s
95th percentile per-packet one-way delay: 76.453 ms
Loss rate: 8.39%
-- Flow 2:
Average throughput: 36.72 Mbit/s
95th percentile per-packet one-way delay: 75.746 ms
Loss rate: 16.28%
-- Flow 3:
Average throughput: 26.54 Mbit/s
95th percentile per-packet one-way delay: 77.395 ms
Loss rate: 6.54%
```

Run 3: Report of FillP-Sheep — Data Link

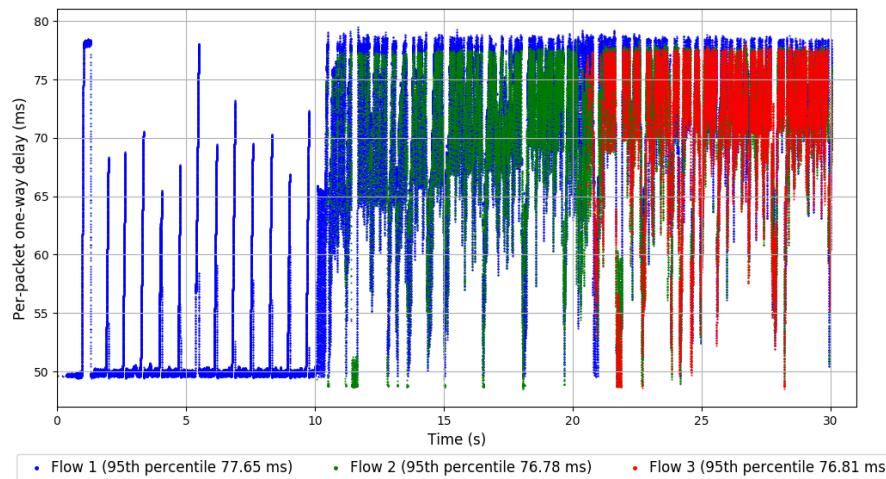
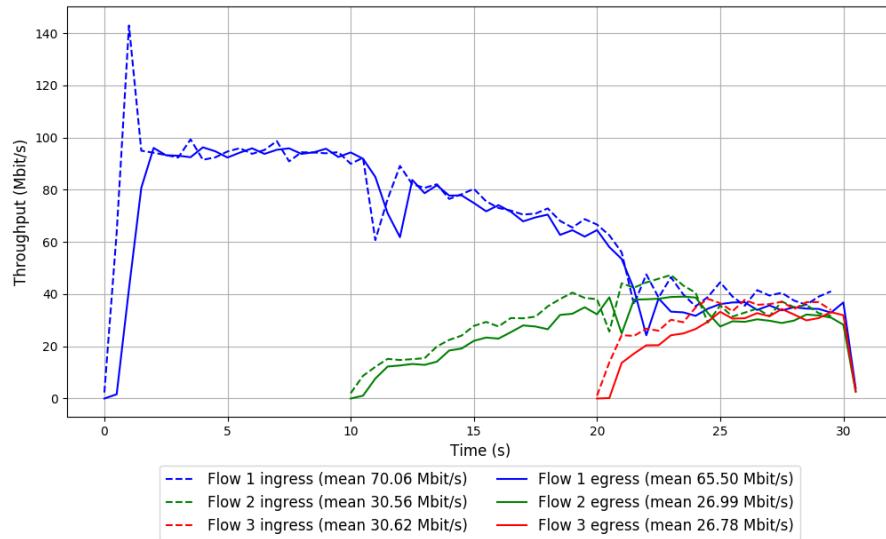


Run 4: Statistics of FillP-Sheep

```
Start at: 2019-11-24 09:03:46
End at: 2019-11-24 09:04:16
Local clock offset: -1.681 ms
Remote clock offset: -8.11 ms

# Below is generated by plot.py at 2019-11-24 09:50:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.31 Mbit/s
95th percentile per-packet one-way delay: 77.412 ms
Loss rate: 8.10%
-- Flow 1:
Average throughput: 65.50 Mbit/s
95th percentile per-packet one-way delay: 77.646 ms
Loss rate: 6.43%
-- Flow 2:
Average throughput: 26.99 Mbit/s
95th percentile per-packet one-way delay: 76.784 ms
Loss rate: 11.60%
-- Flow 3:
Average throughput: 26.78 Mbit/s
95th percentile per-packet one-way delay: 76.810 ms
Loss rate: 12.60%
```

Run 4: Report of FillP-Sheep — Data Link

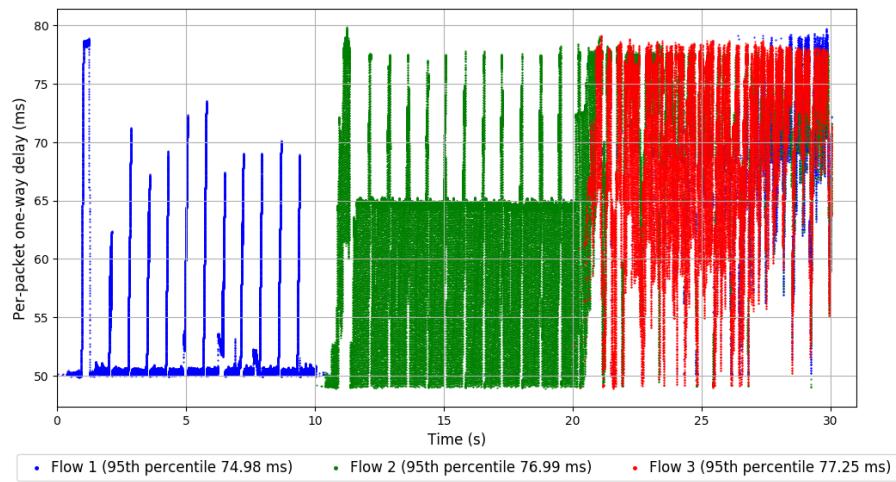
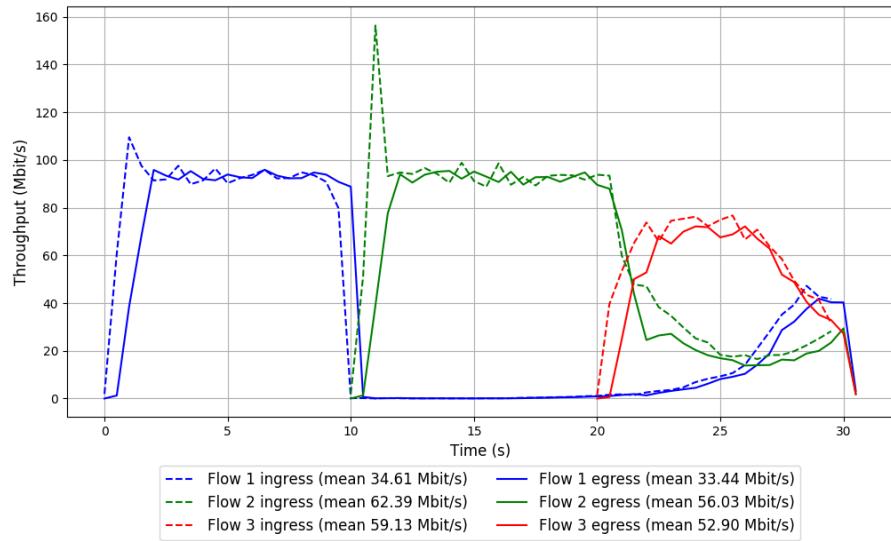


Run 5: Statistics of FillP-Sheep

```
Start at: 2019-11-24 09:33:54
End at: 2019-11-24 09:34:24
Local clock offset: -0.032 ms
Remote clock offset: -8.244 ms

# Below is generated by plot.py at 2019-11-24 09:50:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.29 Mbit/s
95th percentile per-packet one-way delay: 77.018 ms
Loss rate: 7.71%
-- Flow 1:
Average throughput: 33.44 Mbit/s
95th percentile per-packet one-way delay: 74.984 ms
Loss rate: 3.30%
-- Flow 2:
Average throughput: 56.03 Mbit/s
95th percentile per-packet one-way delay: 76.990 ms
Loss rate: 10.10%
-- Flow 3:
Average throughput: 52.90 Mbit/s
95th percentile per-packet one-way delay: 77.249 ms
Loss rate: 10.43%
```

Run 5: Report of FillP-Sheep — Data Link

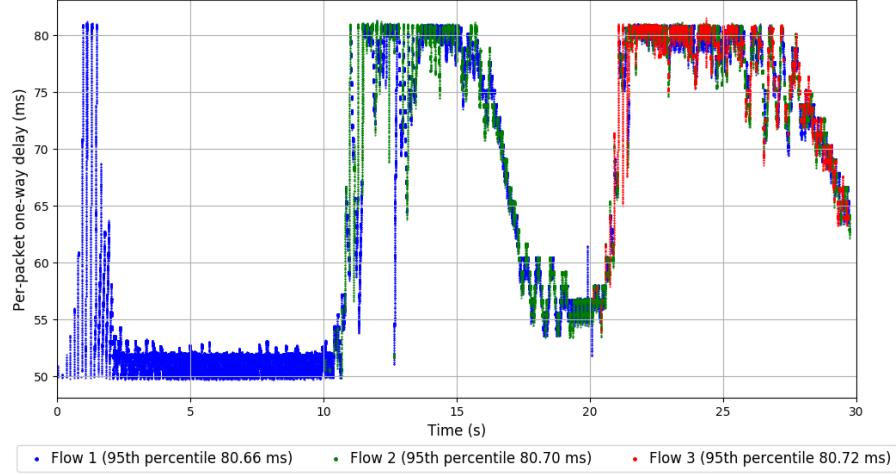
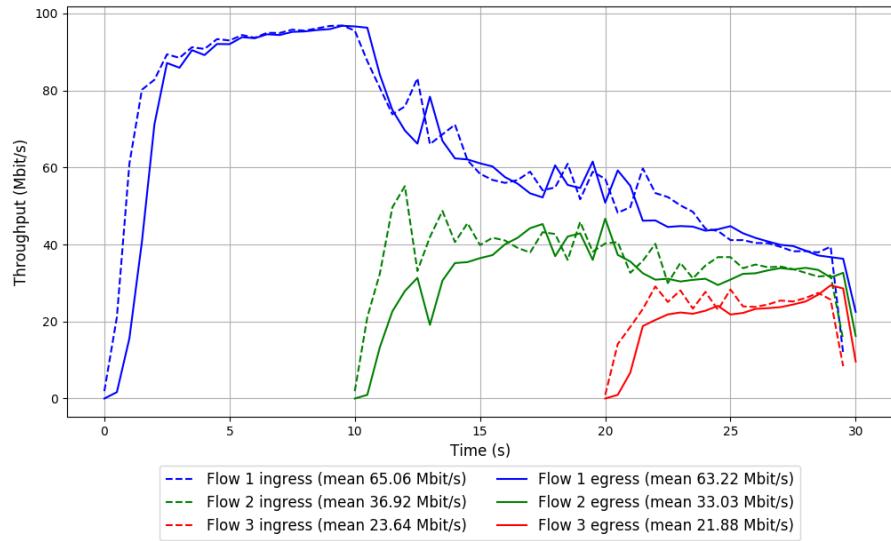


Run 1: Statistics of Indigo

```
Start at: 2019-11-24 07:37:36
End at: 2019-11-24 07:38:06
Local clock offset: -0.697 ms
Remote clock offset: -6.463 ms

# Below is generated by plot.py at 2019-11-24 09:50:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.08 Mbit/s
95th percentile per-packet one-way delay: 80.674 ms
Loss rate: 5.08%
-- Flow 1:
Average throughput: 63.22 Mbit/s
95th percentile per-packet one-way delay: 80.659 ms
Loss rate: 2.78%
-- Flow 2:
Average throughput: 33.03 Mbit/s
95th percentile per-packet one-way delay: 80.701 ms
Loss rate: 10.49%
-- Flow 3:
Average throughput: 21.88 Mbit/s
95th percentile per-packet one-way delay: 80.723 ms
Loss rate: 7.39%
```

Run 1: Report of Indigo — Data Link

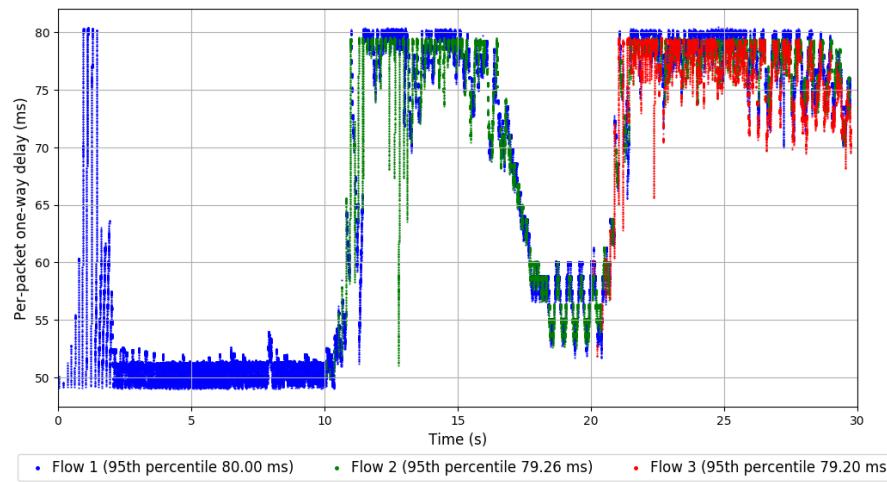
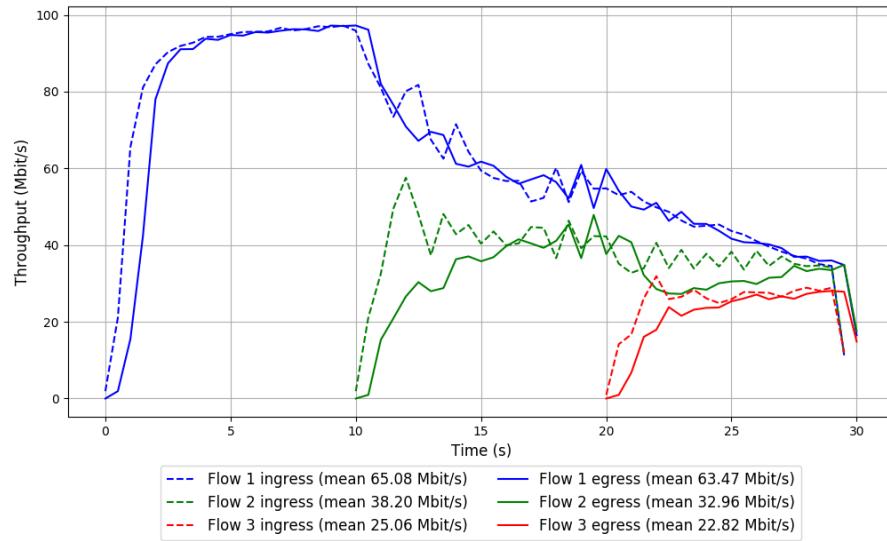


Run 2: Statistics of Indigo

```
Start at: 2019-11-24 08:07:32
End at: 2019-11-24 08:08:02
Local clock offset: 0.298 ms
Remote clock offset: -7.253 ms

# Below is generated by plot.py at 2019-11-24 09:50:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.63 Mbit/s
95th percentile per-packet one-way delay: 79.874 ms
Loss rate: 5.80%
-- Flow 1:
Average throughput: 63.47 Mbit/s
95th percentile per-packet one-way delay: 79.996 ms
Loss rate: 2.39%
-- Flow 2:
Average throughput: 32.96 Mbit/s
95th percentile per-packet one-way delay: 79.259 ms
Loss rate: 13.60%
-- Flow 3:
Average throughput: 22.82 Mbit/s
95th percentile per-packet one-way delay: 79.196 ms
Loss rate: 8.79%
```

Run 2: Report of Indigo — Data Link

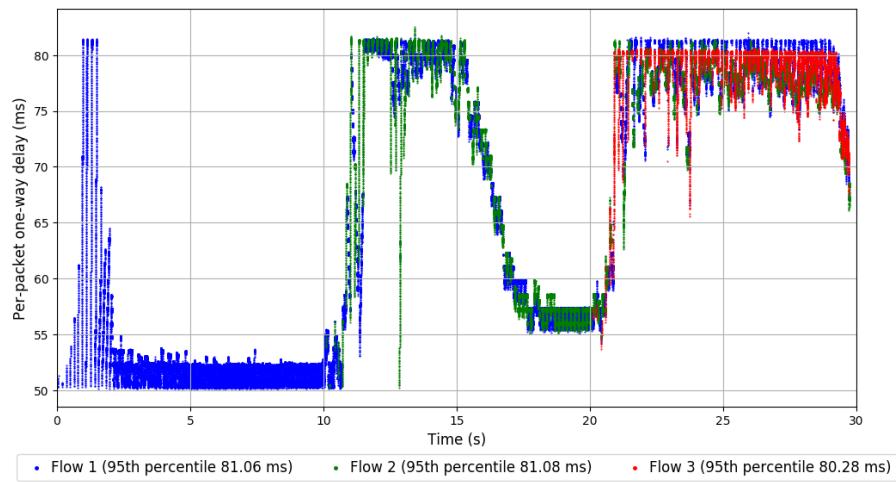
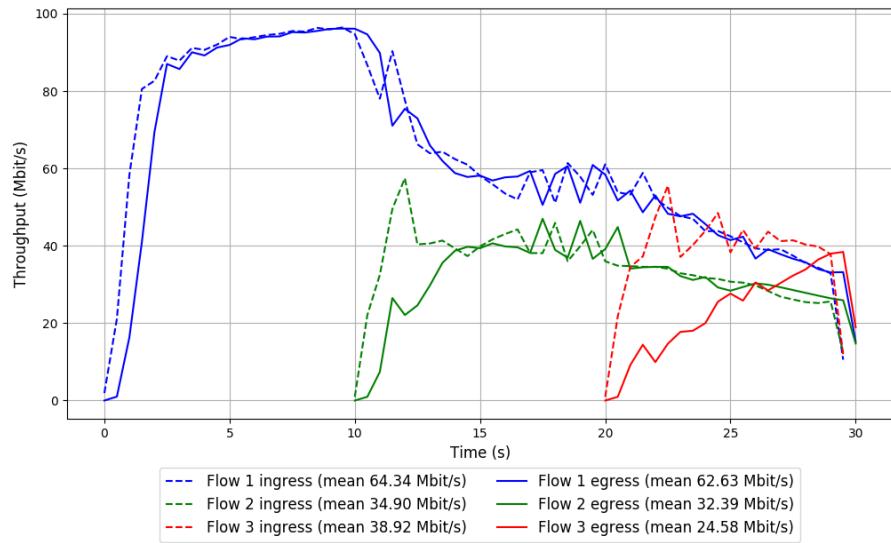


Run 3: Statistics of Indigo

```
Start at: 2019-11-24 08:37:31
End at: 2019-11-24 08:38:01
Local clock offset: -0.698 ms
Remote clock offset: -8.183 ms

# Below is generated by plot.py at 2019-11-24 09:50:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.93 Mbit/s
95th percentile per-packet one-way delay: 81.058 ms
Loss rate: 7.93%
-- Flow 1:
Average throughput: 62.63 Mbit/s
95th percentile per-packet one-way delay: 81.062 ms
Loss rate: 2.59%
-- Flow 2:
Average throughput: 32.39 Mbit/s
95th percentile per-packet one-way delay: 81.075 ms
Loss rate: 7.13%
-- Flow 3:
Average throughput: 24.58 Mbit/s
95th percentile per-packet one-way delay: 80.285 ms
Loss rate: 36.74%
```

Run 3: Report of Indigo — Data Link

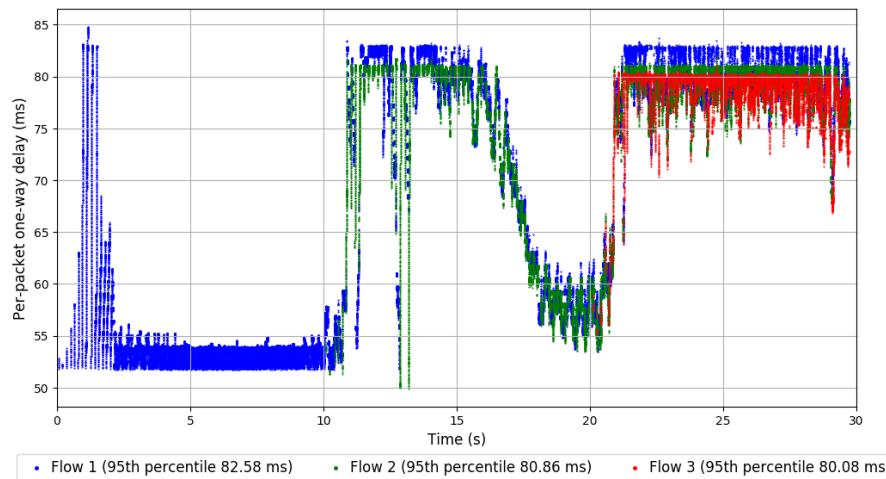
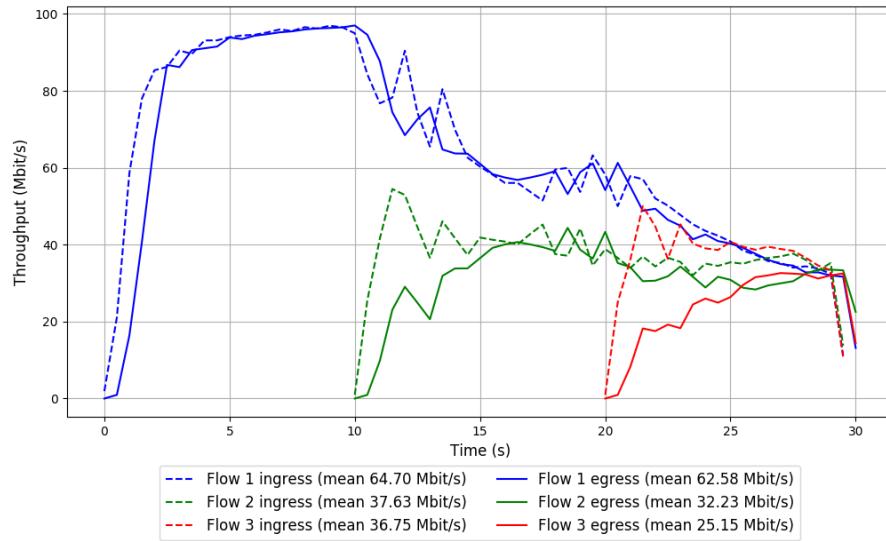


Run 4: Statistics of Indigo

```
Start at: 2019-11-24 09:07:29
End at: 2019-11-24 09:07:59
Local clock offset: -1.737 ms
Remote clock offset: -7.777 ms

# Below is generated by plot.py at 2019-11-24 09:50:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.07 Mbit/s
95th percentile per-packet one-way delay: 82.498 ms
Loss rate: 9.23%
-- Flow 1:
Average throughput: 62.58 Mbit/s
95th percentile per-packet one-way delay: 82.585 ms
Loss rate: 3.21%
-- Flow 2:
Average throughput: 32.23 Mbit/s
95th percentile per-packet one-way delay: 80.862 ms
Loss rate: 14.24%
-- Flow 3:
Average throughput: 25.15 Mbit/s
95th percentile per-packet one-way delay: 80.082 ms
Loss rate: 31.45%
```

Run 4: Report of Indigo — Data Link

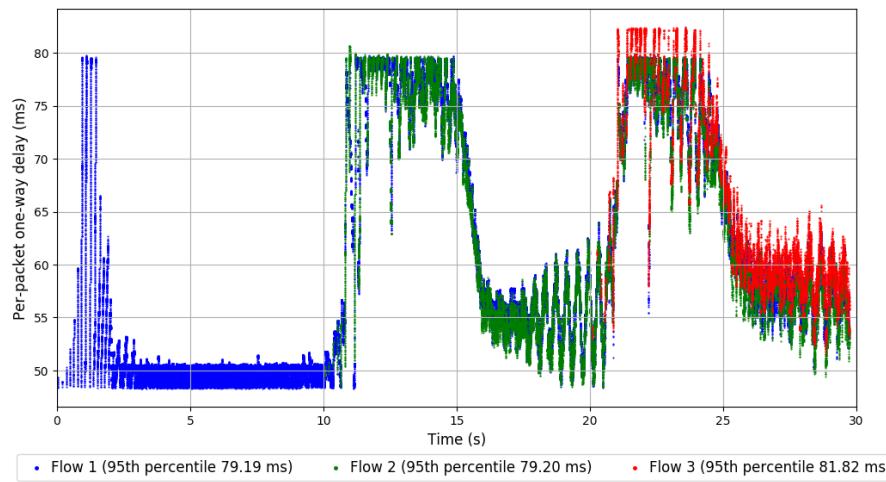
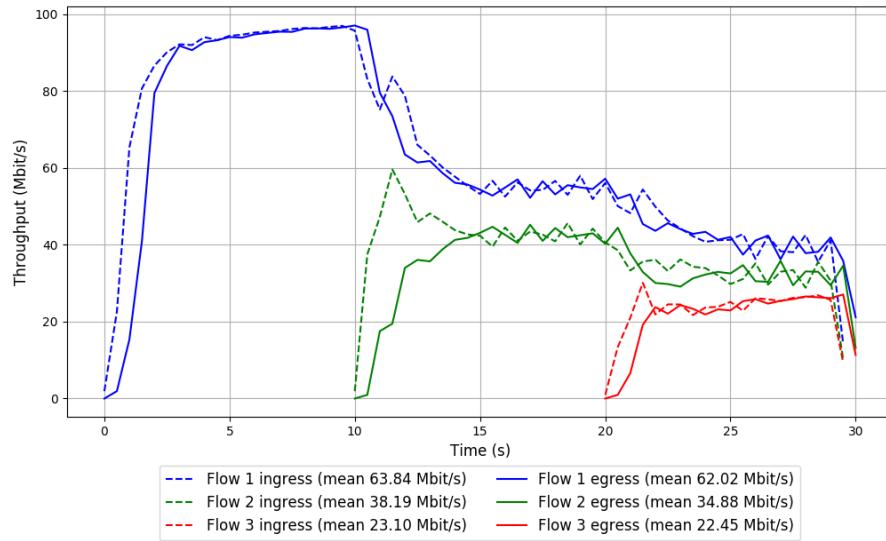


Run 5: Statistics of Indigo

```
Start at: 2019-11-24 09:37:37
End at: 2019-11-24 09:38:07
Local clock offset: -0.814 ms
Remote clock offset: -9.196 ms

# Below is generated by plot.py at 2019-11-24 09:51:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.39 Mbit/s
95th percentile per-packet one-way delay: 79.219 ms
Loss rate: 4.36%
-- Flow 1:
Average throughput: 62.02 Mbit/s
95th percentile per-packet one-way delay: 79.194 ms
Loss rate: 2.84%
-- Flow 2:
Average throughput: 34.88 Mbit/s
95th percentile per-packet one-way delay: 79.196 ms
Loss rate: 8.64%
-- Flow 3:
Average throughput: 22.45 Mbit/s
95th percentile per-packet one-way delay: 81.818 ms
Loss rate: 2.80%
```

Run 5: Report of Indigo — Data Link

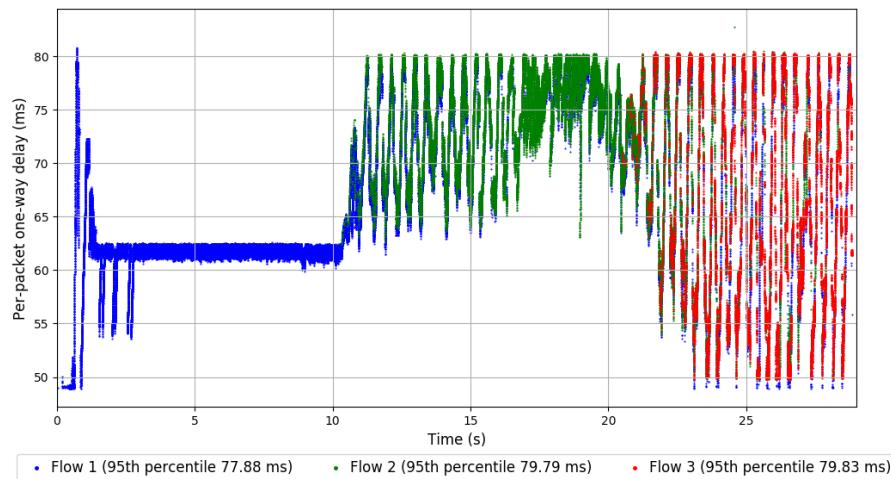
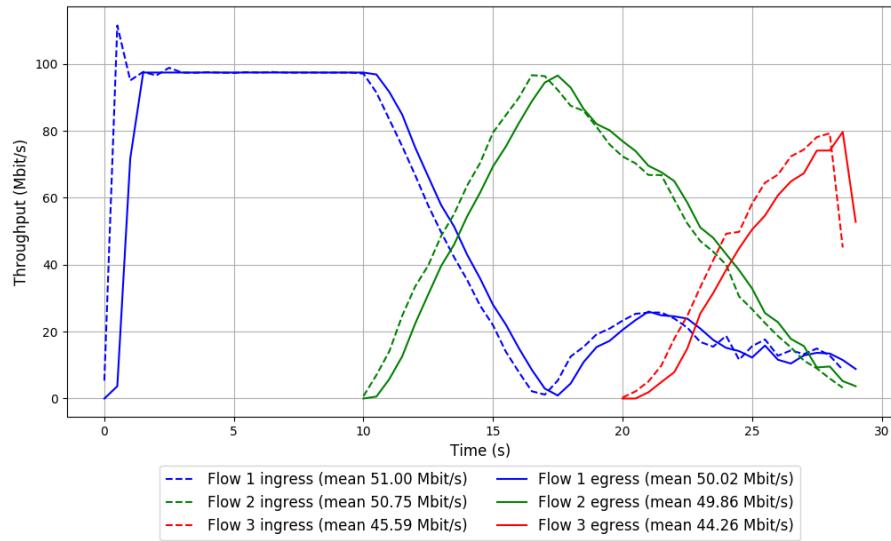


Run 1: Statistics of Indigo-MusesC3

```
Start at: 2019-11-24 07:38:53
End at: 2019-11-24 07:39:23
Local clock offset: -0.685 ms
Remote clock offset: -6.361 ms

# Below is generated by plot.py at 2019-11-24 09:51:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.30 Mbit/s
95th percentile per-packet one-way delay: 79.412 ms
Loss rate: 1.99%
-- Flow 1:
Average throughput: 50.02 Mbit/s
95th percentile per-packet one-way delay: 77.876 ms
Loss rate: 1.88%
-- Flow 2:
Average throughput: 49.86 Mbit/s
95th percentile per-packet one-way delay: 79.792 ms
Loss rate: 1.71%
-- Flow 3:
Average throughput: 44.26 Mbit/s
95th percentile per-packet one-way delay: 79.830 ms
Loss rate: 3.09%
```

Run 1: Report of Indigo-MusesC3 — Data Link

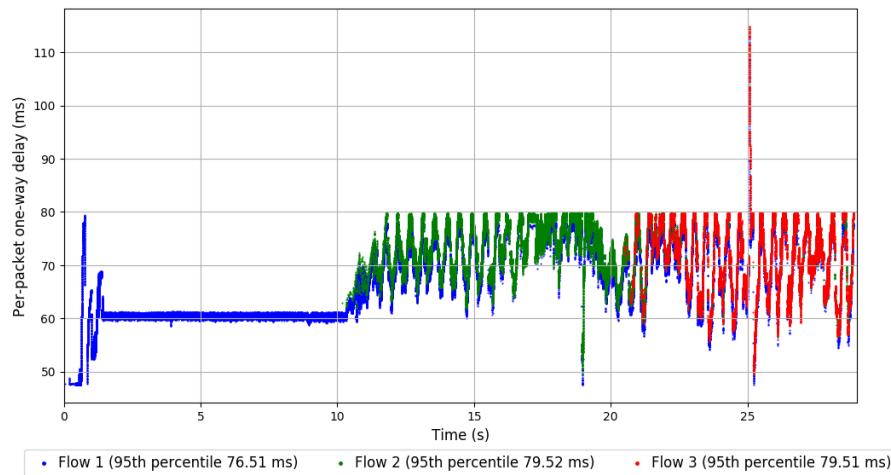
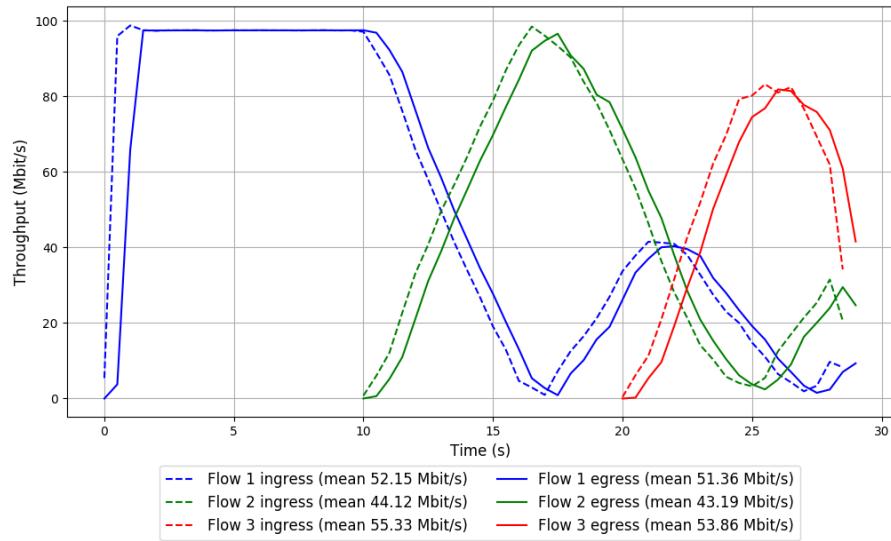


Run 2: Statistics of Indigo-MusesC3

```
Start at: 2019-11-24 08:08:49
End at: 2019-11-24 08:09:19
Local clock offset: 1.063 ms
Remote clock offset: -7.131 ms

# Below is generated by plot.py at 2019-11-24 09:51:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.37 Mbit/s
95th percentile per-packet one-way delay: 79.291 ms
Loss rate: 1.77%
-- Flow 1:
Average throughput: 51.36 Mbit/s
95th percentile per-packet one-way delay: 76.509 ms
Loss rate: 1.41%
-- Flow 2:
Average throughput: 43.19 Mbit/s
95th percentile per-packet one-way delay: 79.523 ms
Loss rate: 2.01%
-- Flow 3:
Average throughput: 53.86 Mbit/s
95th percentile per-packet one-way delay: 79.512 ms
Loss rate: 2.51%
```

Run 2: Report of Indigo-MusesC3 — Data Link

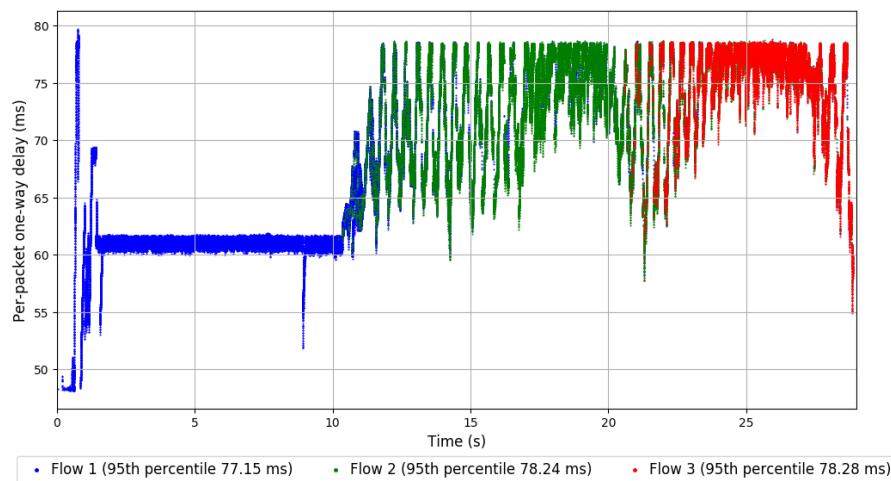
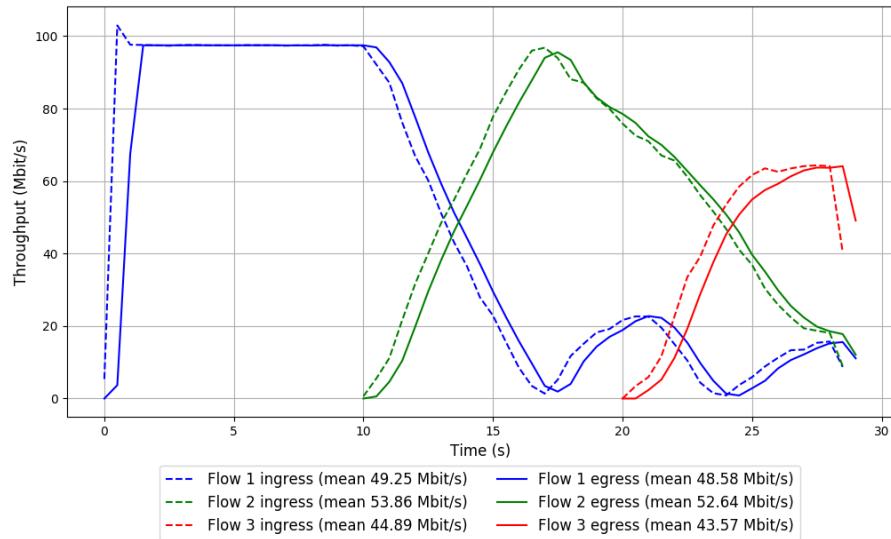


Run 3: Statistics of Indigo-MusesC3

```
Start at: 2019-11-24 08:38:48
End at: 2019-11-24 08:39:18
Local clock offset: -0.643 ms
Remote clock offset: -8.289 ms

# Below is generated by plot.py at 2019-11-24 09:51:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.47 Mbit/s
95th percentile per-packet one-way delay: 78.156 ms
Loss rate: 1.89%
-- Flow 1:
Average throughput: 48.58 Mbit/s
95th percentile per-packet one-way delay: 77.153 ms
Loss rate: 1.32%
-- Flow 2:
Average throughput: 52.64 Mbit/s
95th percentile per-packet one-way delay: 78.241 ms
Loss rate: 2.27%
-- Flow 3:
Average throughput: 43.57 Mbit/s
95th percentile per-packet one-way delay: 78.279 ms
Loss rate: 3.04%
```

Run 3: Report of Indigo-MusesC3 — Data Link

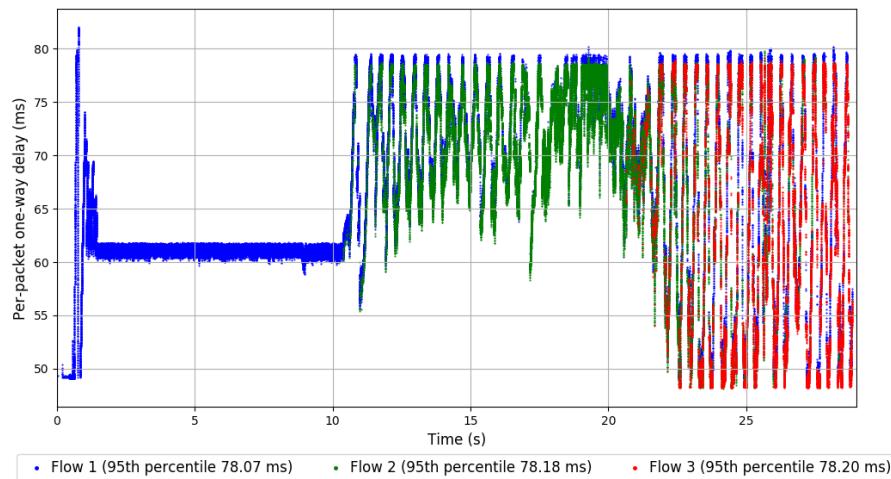
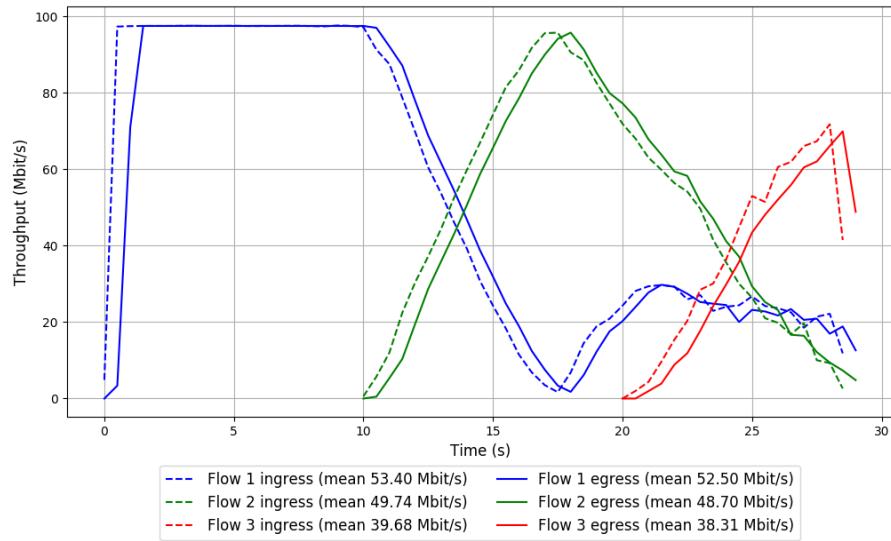


Run 4: Statistics of Indigo-MusesC3

```
Start at: 2019-11-24 09:08:46
End at: 2019-11-24 09:09:16
Local clock offset: -1.804 ms
Remote clock offset: -8.615 ms

# Below is generated by plot.py at 2019-11-24 09:51:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.10 Mbit/s
95th percentile per-packet one-way delay: 78.176 ms
Loss rate: 2.03%
-- Flow 1:
Average throughput: 52.50 Mbit/s
95th percentile per-packet one-way delay: 78.074 ms
Loss rate: 1.65%
-- Flow 2:
Average throughput: 48.70 Mbit/s
95th percentile per-packet one-way delay: 78.181 ms
Loss rate: 2.11%
-- Flow 3:
Average throughput: 38.31 Mbit/s
95th percentile per-packet one-way delay: 78.201 ms
Loss rate: 3.62%
```

Run 4: Report of Indigo-MusesC3 — Data Link

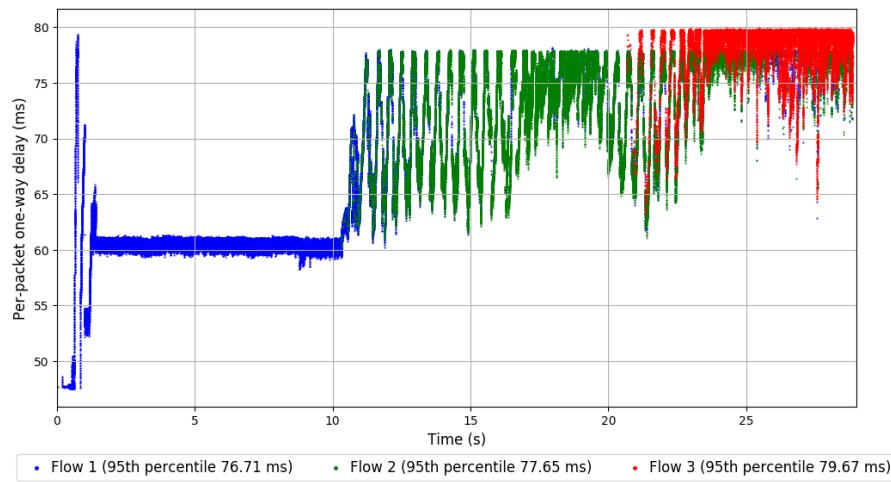
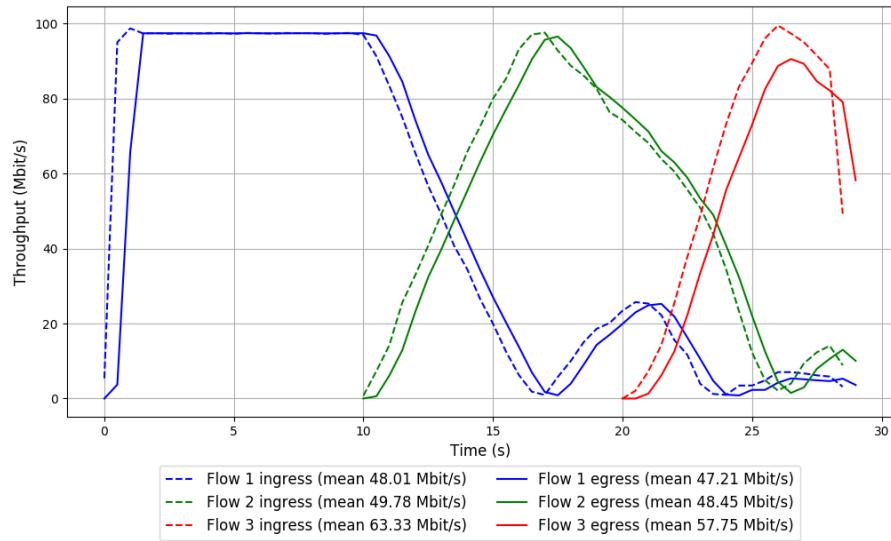


Run 5: Statistics of Indigo-MusesC3

```
Start at: 2019-11-24 09:38:54
End at: 2019-11-24 09:39:24
Local clock offset: 0.011 ms
Remote clock offset: -9.279 ms

# Below is generated by plot.py at 2019-11-24 09:51:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.40 Mbit/s
95th percentile per-packet one-way delay: 79.416 ms
Loss rate: 3.24%
-- Flow 1:
Average throughput: 47.21 Mbit/s
95th percentile per-packet one-way delay: 76.711 ms
Loss rate: 1.58%
-- Flow 2:
Average throughput: 48.45 Mbit/s
95th percentile per-packet one-way delay: 77.653 ms
Loss rate: 2.59%
-- Flow 3:
Average throughput: 57.75 Mbit/s
95th percentile per-packet one-way delay: 79.666 ms
Loss rate: 8.70%
```

Run 5: Report of Indigo-MusesC3 — Data Link

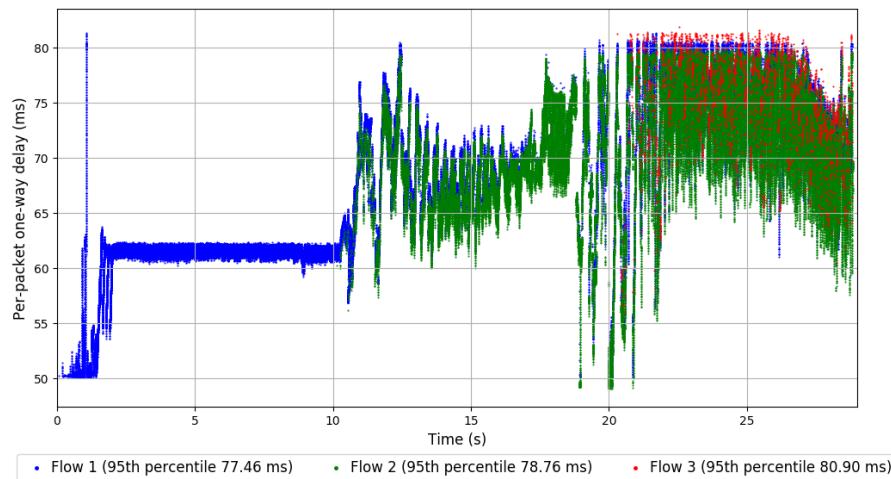
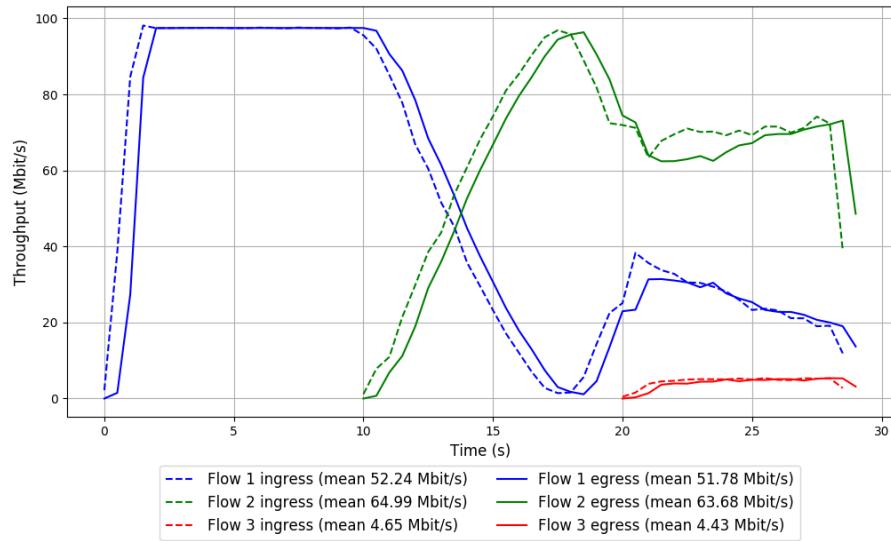


Run 1: Statistics of Indigo-MusesC5

```
Start at: 2019-11-24 07:31:27
End at: 2019-11-24 07:31:57
Local clock offset: -0.769 ms
Remote clock offset: -7.504 ms

# Below is generated by plot.py at 2019-11-24 09:51:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.44 Mbit/s
95th percentile per-packet one-way delay: 78.502 ms
Loss rate: 1.39%
-- Flow 1:
Average throughput: 51.78 Mbit/s
95th percentile per-packet one-way delay: 77.456 ms
Loss rate: 0.82%
-- Flow 2:
Average throughput: 63.68 Mbit/s
95th percentile per-packet one-way delay: 78.763 ms
Loss rate: 1.99%
-- Flow 3:
Average throughput: 4.43 Mbit/s
95th percentile per-packet one-way delay: 80.899 ms
Loss rate: 4.83%
```

Run 1: Report of Indigo-MusesC5 — Data Link

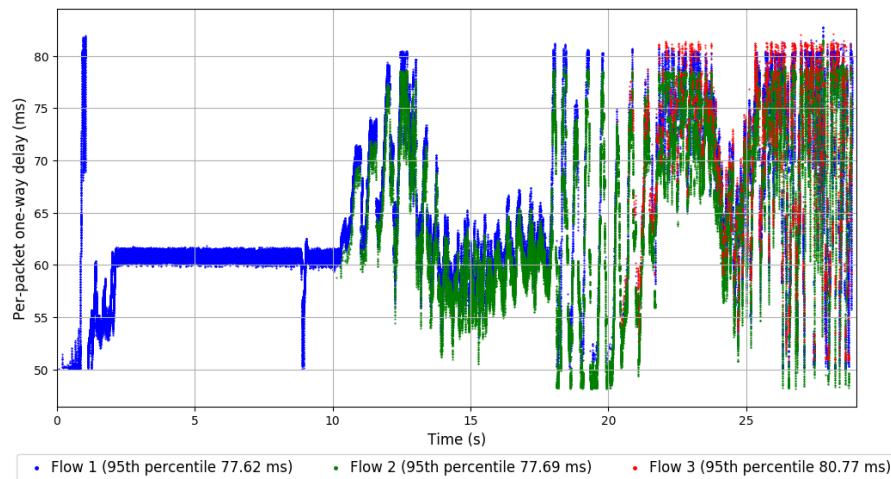
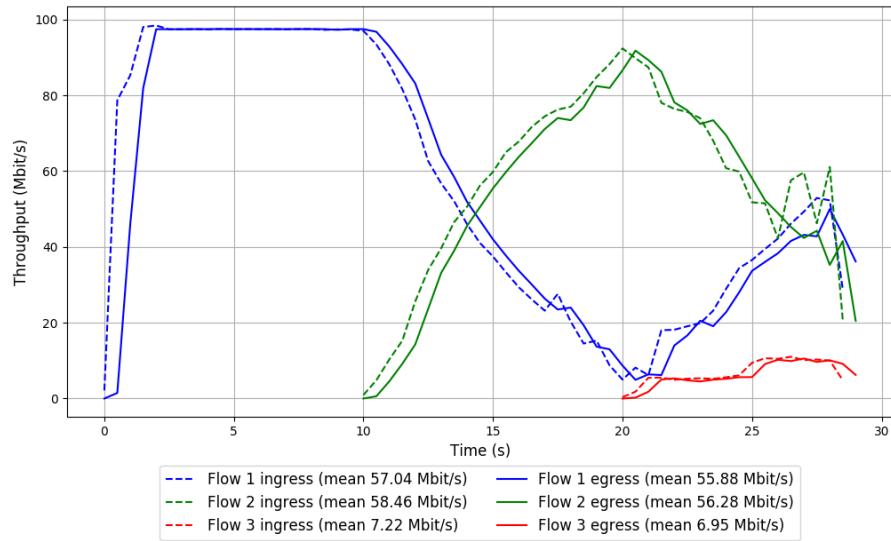


Run 2: Statistics of Indigo-MusesC5

```
Start at: 2019-11-24 08:01:22
End at: 2019-11-24 08:01:52
Local clock offset: 0.929 ms
Remote clock offset: -6.611 ms

# Below is generated by plot.py at 2019-11-24 09:51:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.44 Mbit/s
95th percentile per-packet one-way delay: 77.834 ms
Loss rate: 2.64%
-- Flow 1:
Average throughput: 55.88 Mbit/s
95th percentile per-packet one-way delay: 77.618 ms
Loss rate: 1.92%
-- Flow 2:
Average throughput: 56.28 Mbit/s
95th percentile per-packet one-way delay: 77.685 ms
Loss rate: 3.67%
-- Flow 3:
Average throughput: 6.95 Mbit/s
95th percentile per-packet one-way delay: 80.770 ms
Loss rate: 3.66%
```

Run 2: Report of Indigo-MusesC5 — Data Link

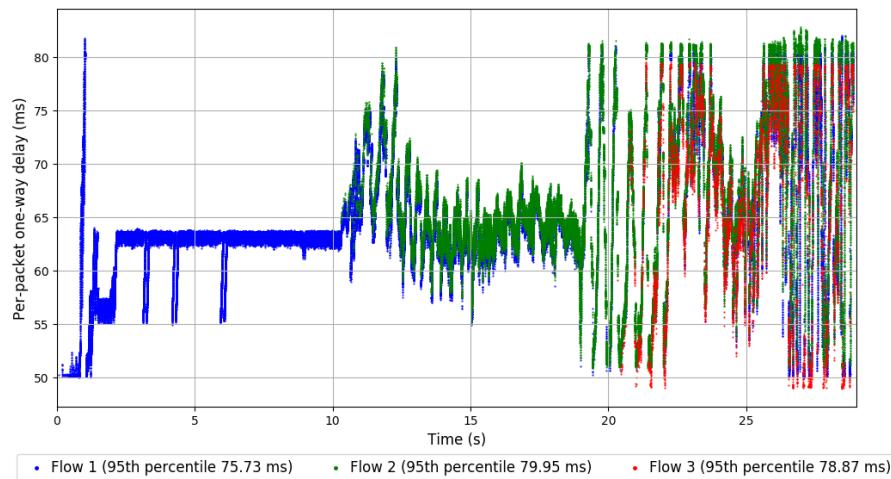
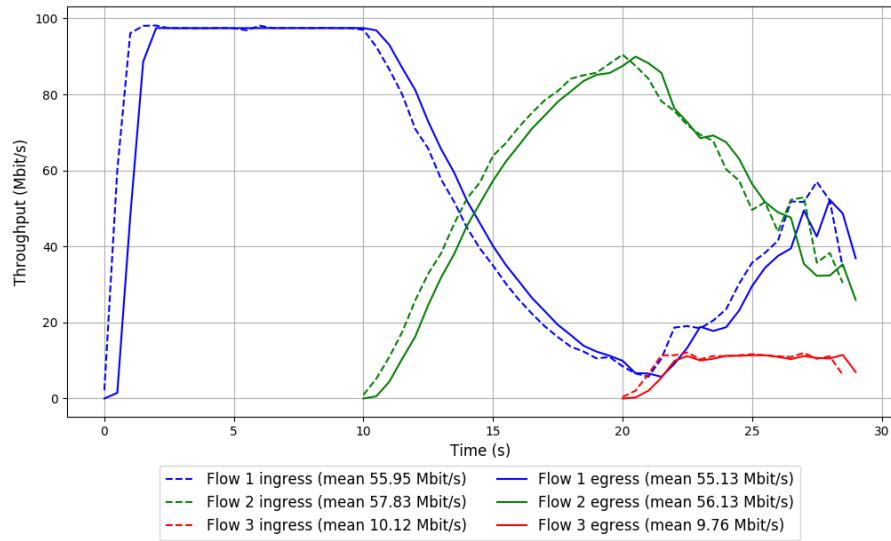


Run 3: Statistics of Indigo-MusesC5

```
Start at: 2019-11-24 08:31:21
End at: 2019-11-24 08:31:51
Local clock offset: -1.243 ms
Remote clock offset: -8.641 ms

# Below is generated by plot.py at 2019-11-24 09:52:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.48 Mbit/s
95th percentile per-packet one-way delay: 78.102 ms
Loss rate: 2.02%
-- Flow 1:
Average throughput: 55.13 Mbit/s
95th percentile per-packet one-way delay: 75.730 ms
Loss rate: 1.39%
-- Flow 2:
Average throughput: 56.13 Mbit/s
95th percentile per-packet one-way delay: 79.947 ms
Loss rate: 2.86%
-- Flow 3:
Average throughput: 9.76 Mbit/s
95th percentile per-packet one-way delay: 78.870 ms
Loss rate: 3.42%
```

Run 3: Report of Indigo-MusesC5 — Data Link

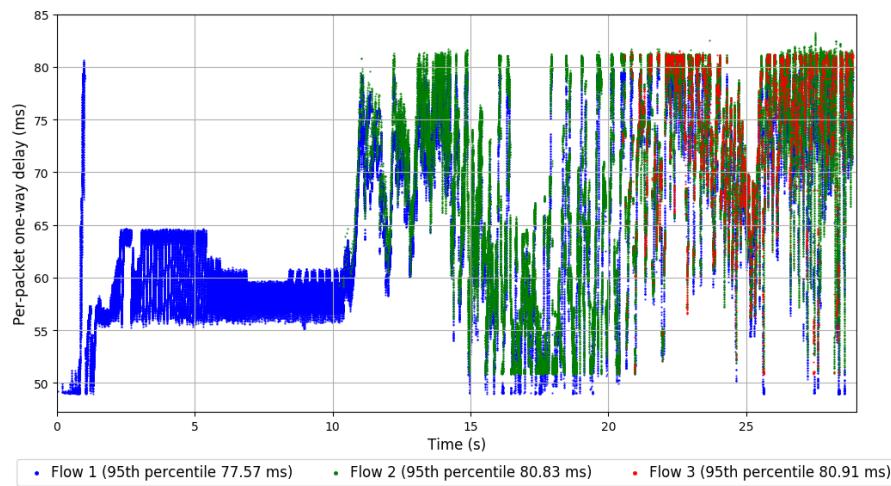
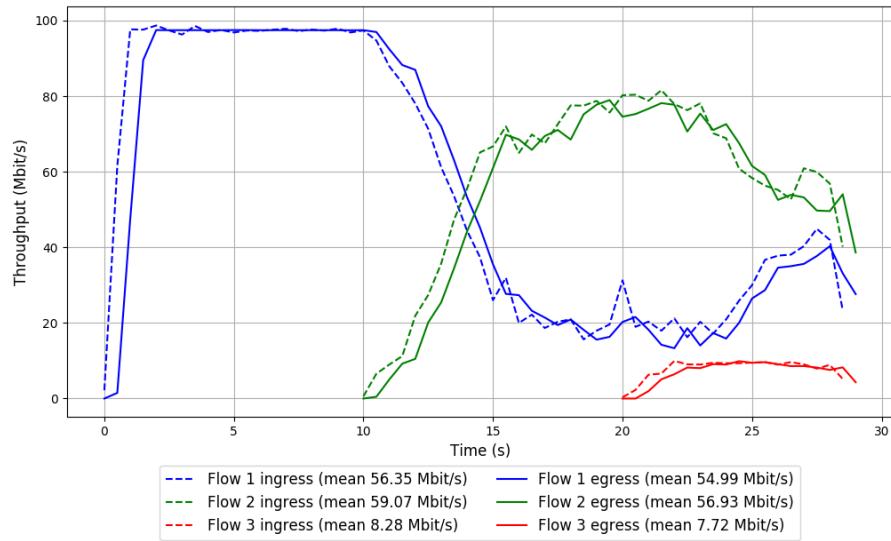


Run 4: Statistics of Indigo-MusesC5

```
Start at: 2019-11-24 09:01:20
End at: 2019-11-24 09:01:50
Local clock offset: -1.679 ms
Remote clock offset: -8.007 ms

# Below is generated by plot.py at 2019-11-24 09:52:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.05 Mbit/s
95th percentile per-packet one-way delay: 80.022 ms
Loss rate: 2.89%
-- Flow 1:
Average throughput: 54.99 Mbit/s
95th percentile per-packet one-way delay: 77.573 ms
Loss rate: 2.32%
-- Flow 2:
Average throughput: 56.93 Mbit/s
95th percentile per-packet one-way delay: 80.827 ms
Loss rate: 3.52%
-- Flow 3:
Average throughput: 7.72 Mbit/s
95th percentile per-packet one-way delay: 80.913 ms
Loss rate: 6.45%
```

Run 4: Report of Indigo-MusesC5 — Data Link

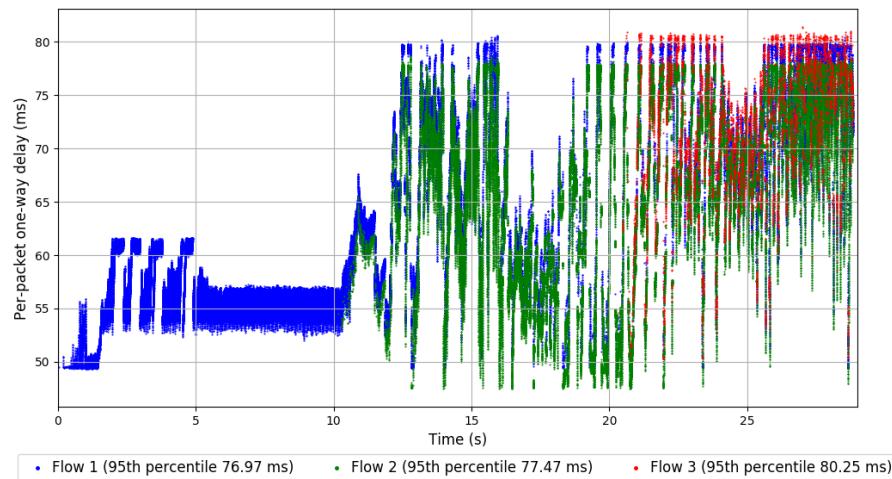
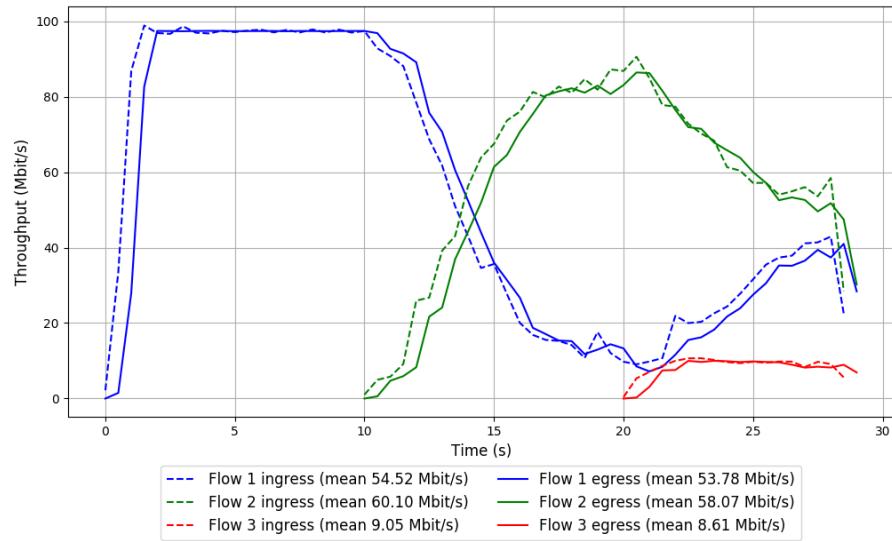


Run 5: Statistics of Indigo-MusesC5

```
Start at: 2019-11-24 09:31:27
End at: 2019-11-24 09:31:57
Local clock offset: -0.068 ms
Remote clock offset: -8.718 ms

# Below is generated by plot.py at 2019-11-24 09:52:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.98 Mbit/s
95th percentile per-packet one-way delay: 77.491 ms
Loss rate: 2.19%
-- Flow 1:
Average throughput: 53.78 Mbit/s
95th percentile per-packet one-way delay: 76.973 ms
Loss rate: 1.29%
-- Flow 2:
Average throughput: 58.07 Mbit/s
95th percentile per-packet one-way delay: 77.475 ms
Loss rate: 3.29%
-- Flow 3:
Average throughput: 8.61 Mbit/s
95th percentile per-packet one-way delay: 80.255 ms
Loss rate: 4.73%
```

Run 5: Report of Indigo-MusesC5 — Data Link

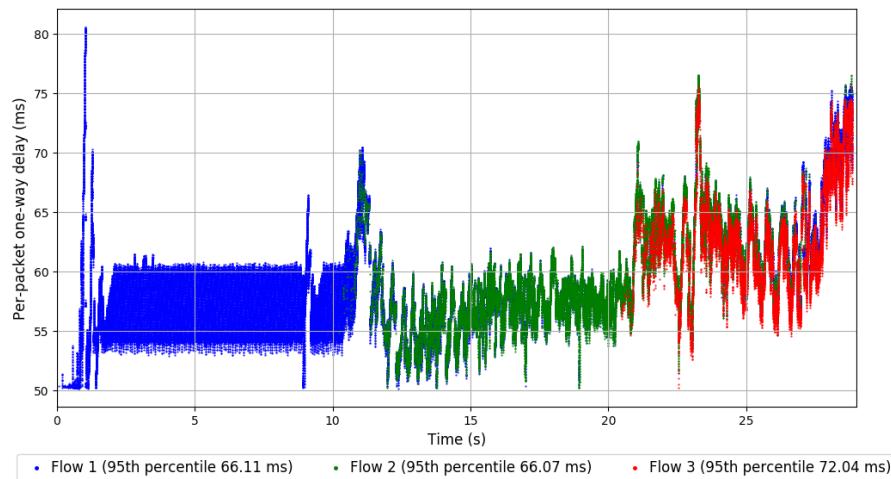
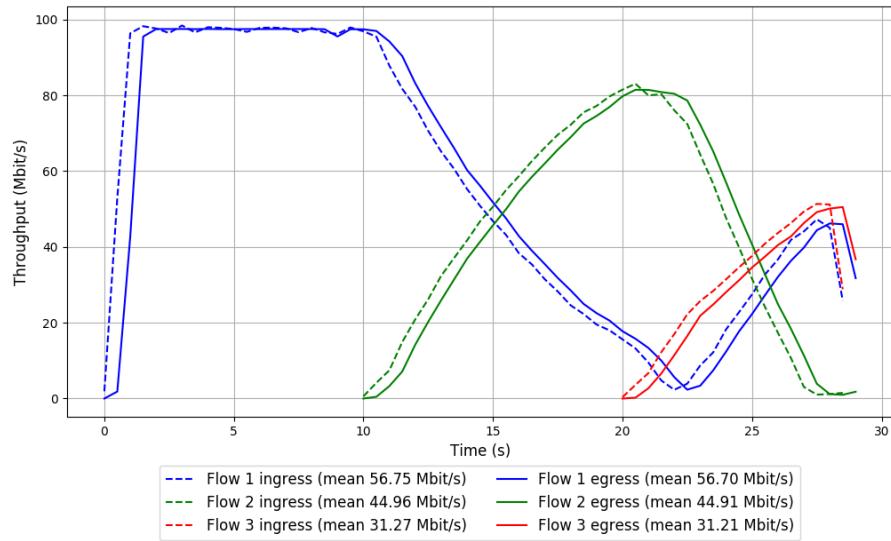


Run 1: Statistics of Indigo-MusesD

```
Start at: 2019-11-24 07:40:09
End at: 2019-11-24 07:40:39
Local clock offset: -0.62 ms
Remote clock offset: -6.953 ms

# Below is generated by plot.py at 2019-11-24 09:52:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.93 Mbit/s
95th percentile per-packet one-way delay: 67.208 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 56.70 Mbit/s
95th percentile per-packet one-way delay: 66.108 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 44.91 Mbit/s
95th percentile per-packet one-way delay: 66.067 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 31.21 Mbit/s
95th percentile per-packet one-way delay: 72.040 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo-MusesD — Data Link

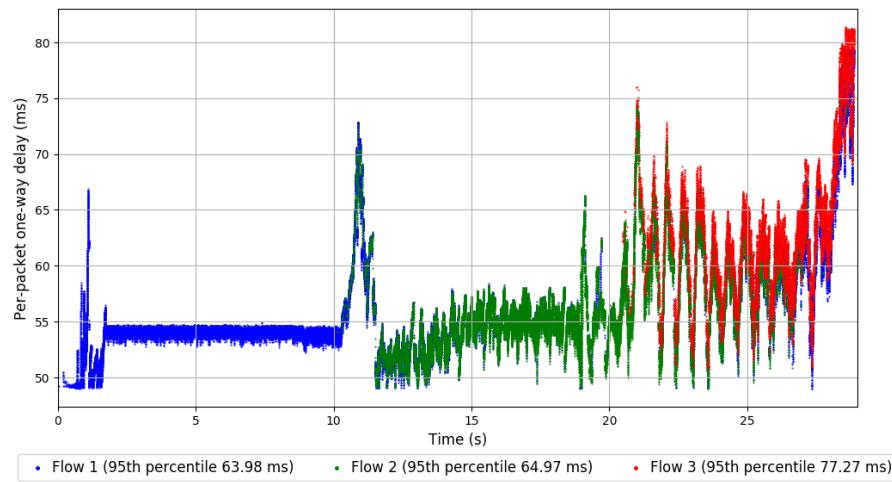
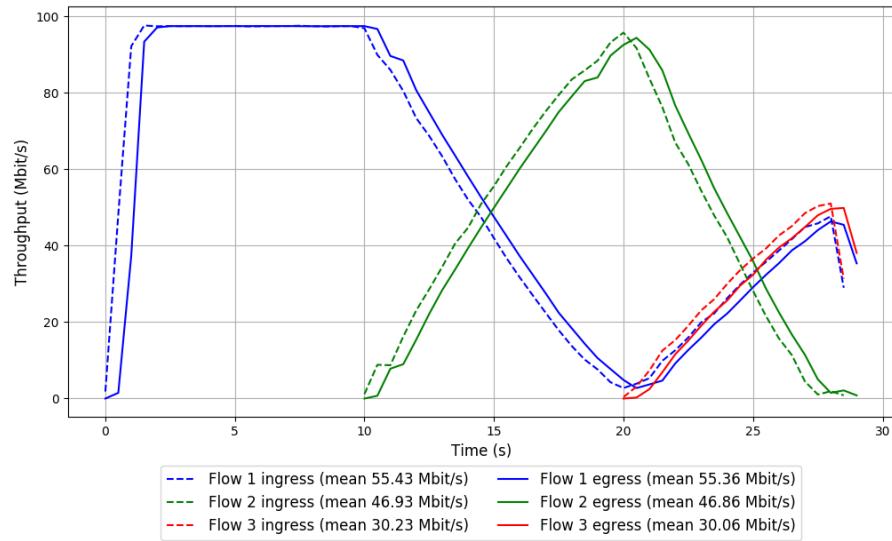


Run 2: Statistics of Indigo-MusesD

```
Start at: 2019-11-24 08:10:06
End at: 2019-11-24 08:10:36
Local clock offset: 0.253 ms
Remote clock offset: -7.096 ms

# Below is generated by plot.py at 2019-11-24 09:52:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.72 Mbit/s
95th percentile per-packet one-way delay: 66.231 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 55.36 Mbit/s
95th percentile per-packet one-way delay: 63.977 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 46.86 Mbit/s
95th percentile per-packet one-way delay: 64.966 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.06 Mbit/s
95th percentile per-packet one-way delay: 77.274 ms
Loss rate: 0.28%
```

Run 2: Report of Indigo-MusesD — Data Link

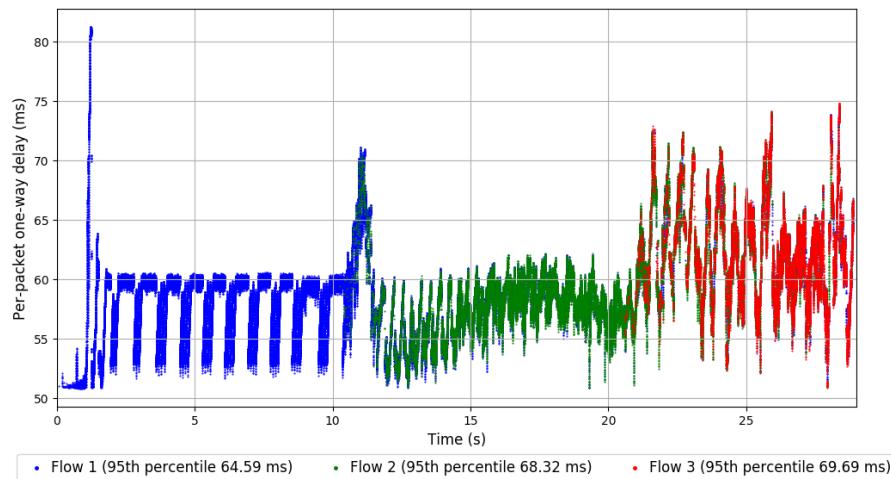
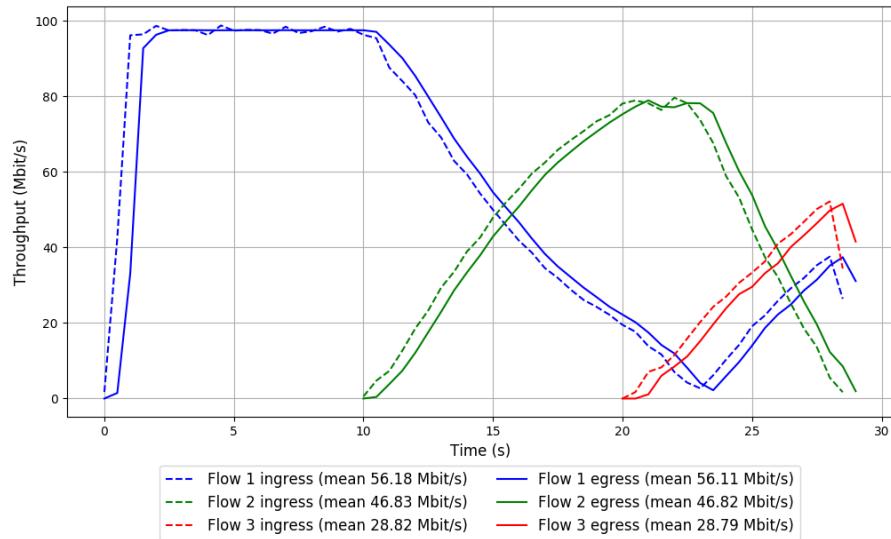


Run 3: Statistics of Indigo-MusesD

```
Start at: 2019-11-24 08:40:04
End at: 2019-11-24 08:40:34
Local clock offset: -0.657 ms
Remote clock offset: -8.389 ms

# Below is generated by plot.py at 2019-11-24 09:52:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.74 Mbit/s
95th percentile per-packet one-way delay: 66.982 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 56.11 Mbit/s
95th percentile per-packet one-way delay: 64.589 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 46.82 Mbit/s
95th percentile per-packet one-way delay: 68.323 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 28.79 Mbit/s
95th percentile per-packet one-way delay: 69.695 ms
Loss rate: 0.00%
```

Run 3: Report of Indigo-MusesD — Data Link

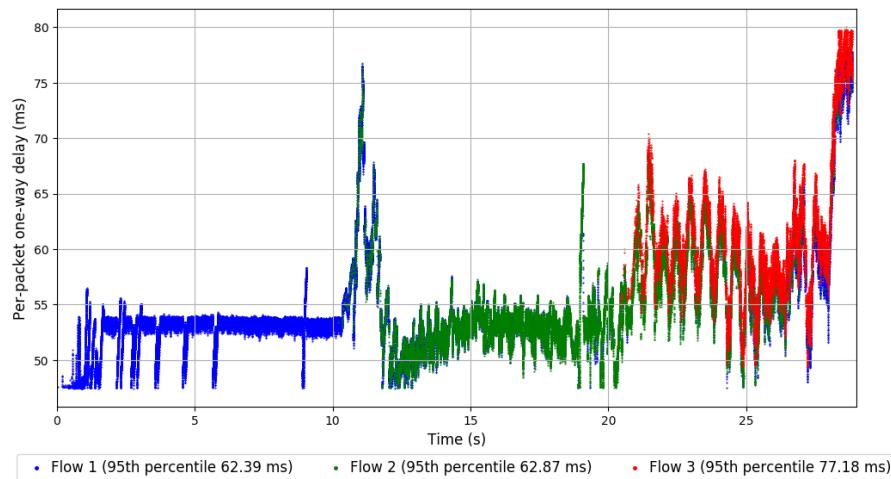
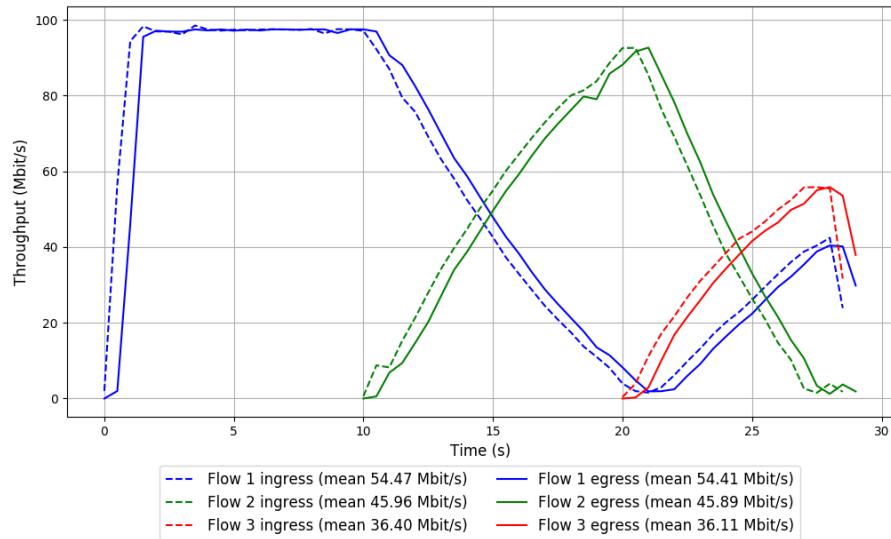


Run 4: Statistics of Indigo-MusesD

```
Start at: 2019-11-24 09:10:02
End at: 2019-11-24 09:10:32
Local clock offset: -0.941 ms
Remote clock offset: -8.548 ms

# Below is generated by plot.py at 2019-11-24 09:52:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.81 Mbit/s
95th percentile per-packet one-way delay: 64.862 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 54.41 Mbit/s
95th percentile per-packet one-way delay: 62.390 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 45.89 Mbit/s
95th percentile per-packet one-way delay: 62.871 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 36.11 Mbit/s
95th percentile per-packet one-way delay: 77.176 ms
Loss rate: 0.52%
```

Run 4: Report of Indigo-MusesD — Data Link

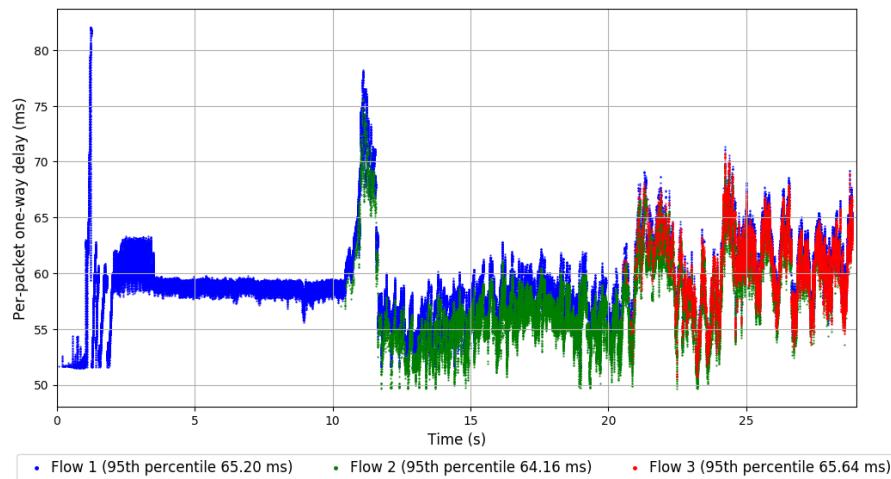
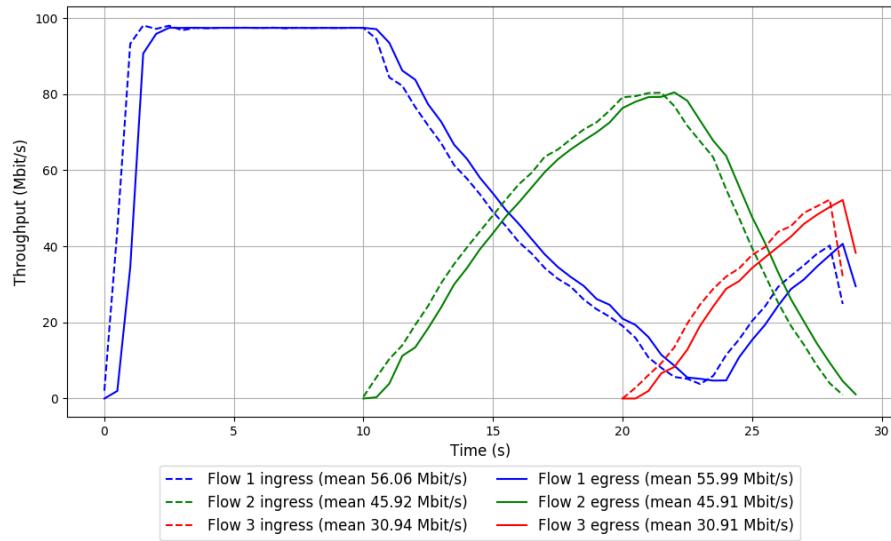


Run 5: Statistics of Indigo-MusesD

```
Start at: 2019-11-24 09:40:10
End at: 2019-11-24 09:40:40
Local clock offset: -0.746 ms
Remote clock offset: -8.827 ms

# Below is generated by plot.py at 2019-11-24 09:52:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.58 Mbit/s
95th percentile per-packet one-way delay: 64.947 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 55.99 Mbit/s
95th percentile per-packet one-way delay: 65.202 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 45.91 Mbit/s
95th percentile per-packet one-way delay: 64.158 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.91 Mbit/s
95th percentile per-packet one-way delay: 65.645 ms
Loss rate: 0.00%
```

Run 5: Report of Indigo-MusesD — Data Link

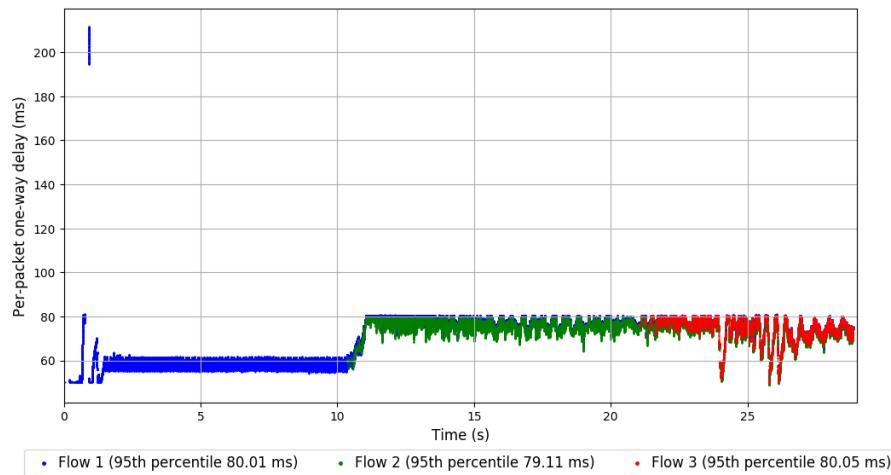
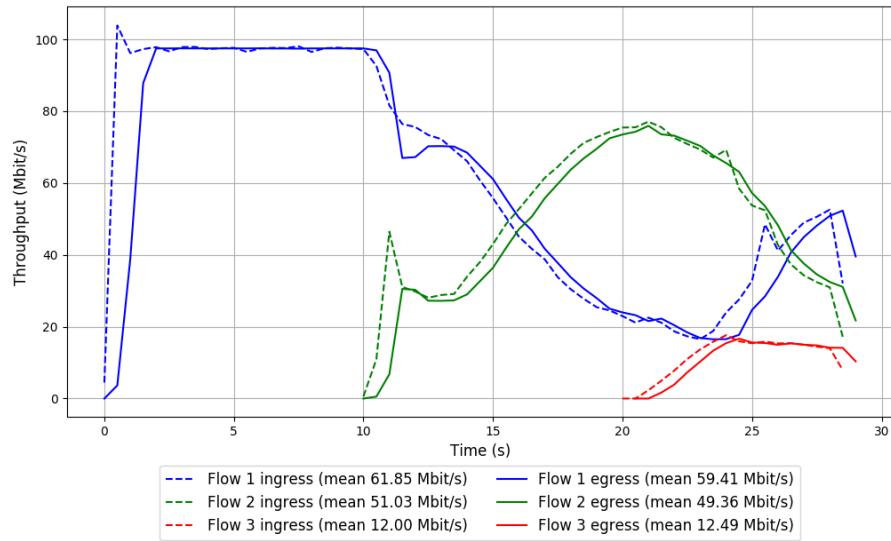


Run 1: Statistics of Indigo-MusesT

```
Start at: 2019-11-24 07:35:10
End at: 2019-11-24 07:35:40
Local clock offset: 0.048 ms
Remote clock offset: -6.518 ms

# Below is generated by plot.py at 2019-11-24 09:53:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.81 Mbit/s
95th percentile per-packet one-way delay: 79.744 ms
Loss rate: 3.57%
-- Flow 1:
Average throughput: 59.41 Mbit/s
95th percentile per-packet one-way delay: 80.014 ms
Loss rate: 3.87%
-- Flow 2:
Average throughput: 49.36 Mbit/s
95th percentile per-packet one-way delay: 79.113 ms
Loss rate: 3.17%
-- Flow 3:
Average throughput: 12.49 Mbit/s
95th percentile per-packet one-way delay: 80.048 ms
Loss rate: 2.09%
```

Run 1: Report of Indigo-MusesT — Data Link

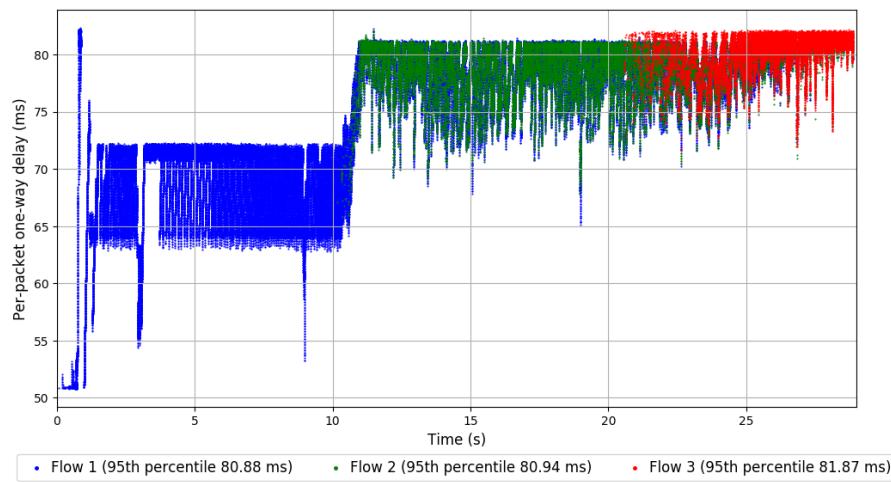
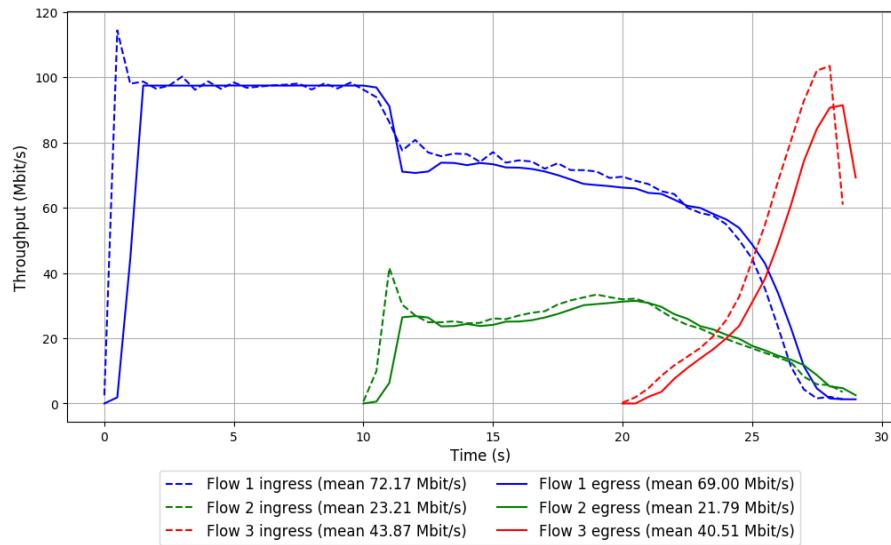


Run 2: Statistics of Indigo-MusesT

```
Start at: 2019-11-24 08:05:05
End at: 2019-11-24 08:05:35
Local clock offset: 0.253 ms
Remote clock offset: -6.618 ms

# Below is generated by plot.py at 2019-11-24 09:53:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.05 Mbit/s
95th percentile per-packet one-way delay: 81.474 ms
Loss rate: 4.98%
-- Flow 1:
Average throughput: 69.00 Mbit/s
95th percentile per-packet one-way delay: 80.875 ms
Loss rate: 4.29%
-- Flow 2:
Average throughput: 21.79 Mbit/s
95th percentile per-packet one-way delay: 80.936 ms
Loss rate: 6.03%
-- Flow 3:
Average throughput: 40.51 Mbit/s
95th percentile per-packet one-way delay: 81.872 ms
Loss rate: 7.61%
```

Run 2: Report of Indigo-MusesT — Data Link

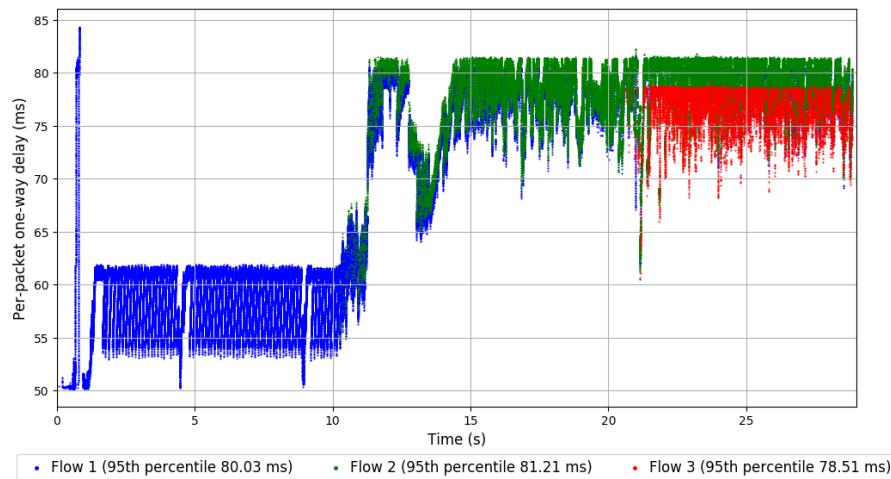
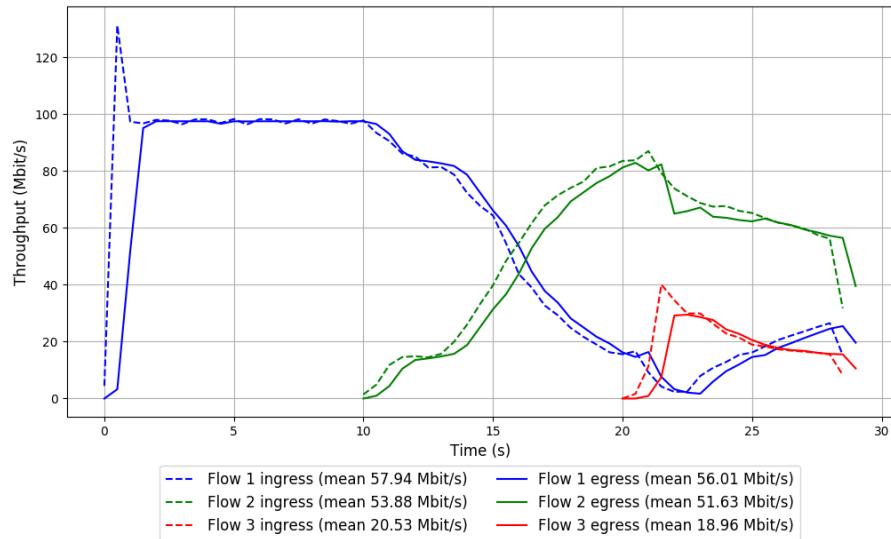


Run 3: Statistics of Indigo-MusesT

```
Start at: 2019-11-24 08:35:04
End at: 2019-11-24 08:35:34
Local clock offset: -1.324 ms
Remote clock offset: -8.732 ms

# Below is generated by plot.py at 2019-11-24 09:53:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.15 Mbit/s
95th percentile per-packet one-way delay: 80.981 ms
Loss rate: 3.80%
-- Flow 1:
Average throughput: 56.01 Mbit/s
95th percentile per-packet one-way delay: 80.031 ms
Loss rate: 3.22%
-- Flow 2:
Average throughput: 51.63 Mbit/s
95th percentile per-packet one-way delay: 81.206 ms
Loss rate: 4.09%
-- Flow 3:
Average throughput: 18.96 Mbit/s
95th percentile per-packet one-way delay: 78.508 ms
Loss rate: 7.61%
```

Run 3: Report of Indigo-MusesT — Data Link

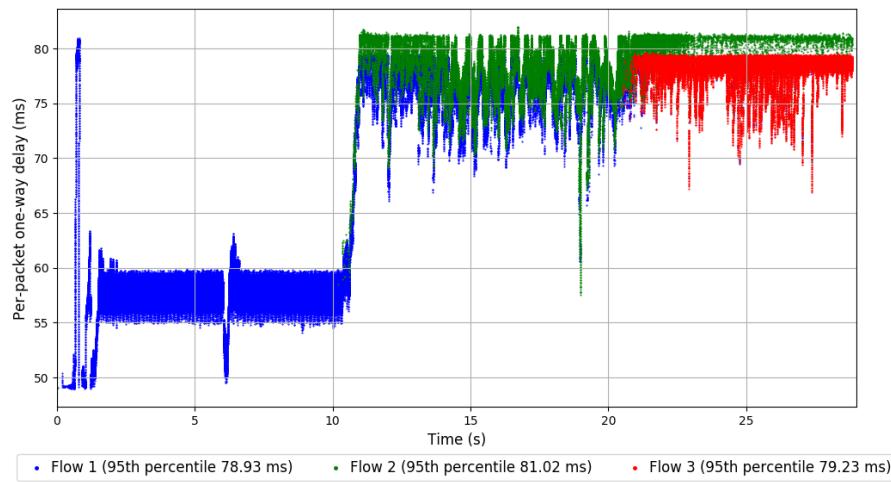
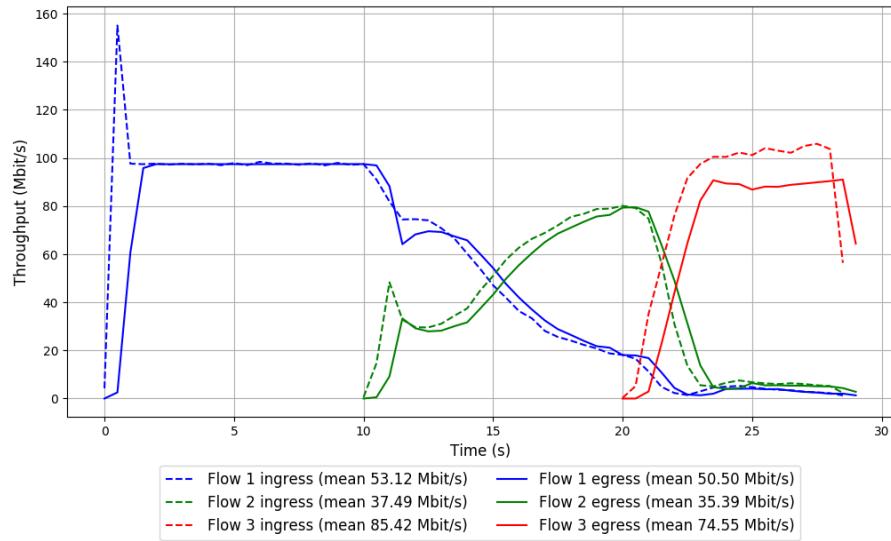


Run 4: Statistics of Indigo-MusesT

```
Start at: 2019-11-24 09:05:02
End at: 2019-11-24 09:05:32
Local clock offset: -0.956 ms
Remote clock offset: -7.97 ms

# Below is generated by plot.py at 2019-11-24 09:53:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.31 Mbit/s
95th percentile per-packet one-way delay: 80.542 ms
Loss rate: 6.91%
-- Flow 1:
Average throughput: 50.50 Mbit/s
95th percentile per-packet one-way delay: 78.932 ms
Loss rate: 4.83%
-- Flow 2:
Average throughput: 35.39 Mbit/s
95th percentile per-packet one-way delay: 81.019 ms
Loss rate: 5.51%
-- Flow 3:
Average throughput: 74.55 Mbit/s
95th percentile per-packet one-way delay: 79.231 ms
Loss rate: 12.68%
```

Run 4: Report of Indigo-MusesT — Data Link

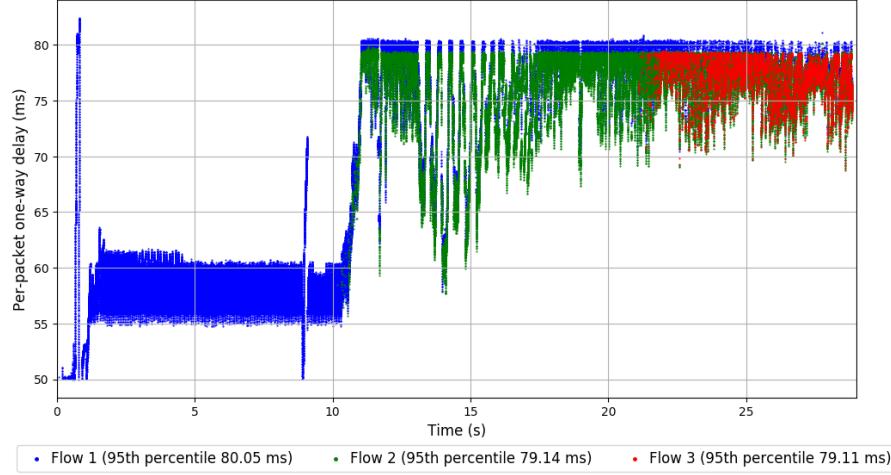
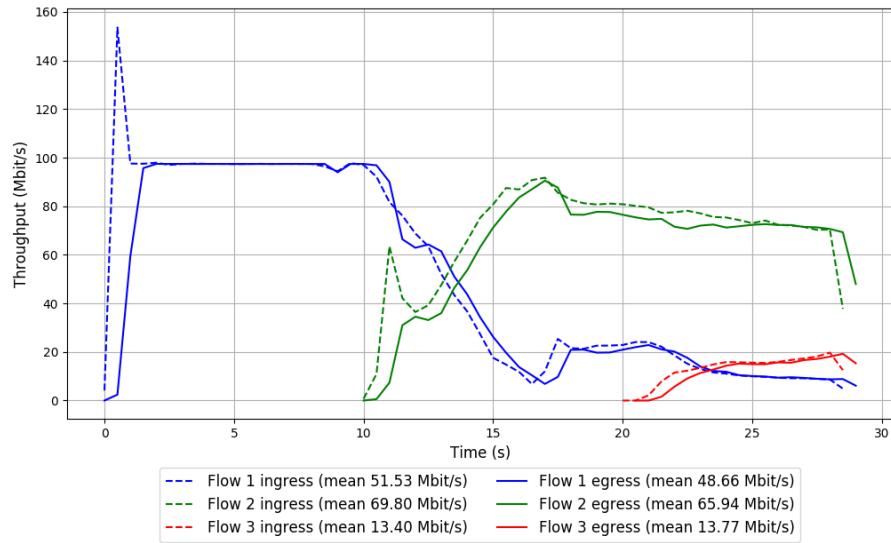


Run 5: Statistics of Indigo-MusesT

```
Start at: 2019-11-24 09:35:10
End at: 2019-11-24 09:35:40
Local clock offset: -0.021 ms
Remote clock offset: -8.444 ms

# Below is generated by plot.py at 2019-11-24 09:53:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.19 Mbit/s
95th percentile per-packet one-way delay: 79.607 ms
Loss rate: 5.39%
-- Flow 1:
Average throughput: 48.66 Mbit/s
95th percentile per-packet one-way delay: 80.051 ms
Loss rate: 5.49%
-- Flow 2:
Average throughput: 65.94 Mbit/s
95th percentile per-packet one-way delay: 79.140 ms
Loss rate: 5.44%
-- Flow 3:
Average throughput: 13.77 Mbit/s
95th percentile per-packet one-way delay: 79.112 ms
Loss rate: 3.32%
```

Run 5: Report of Indigo-MusesT — Data Link

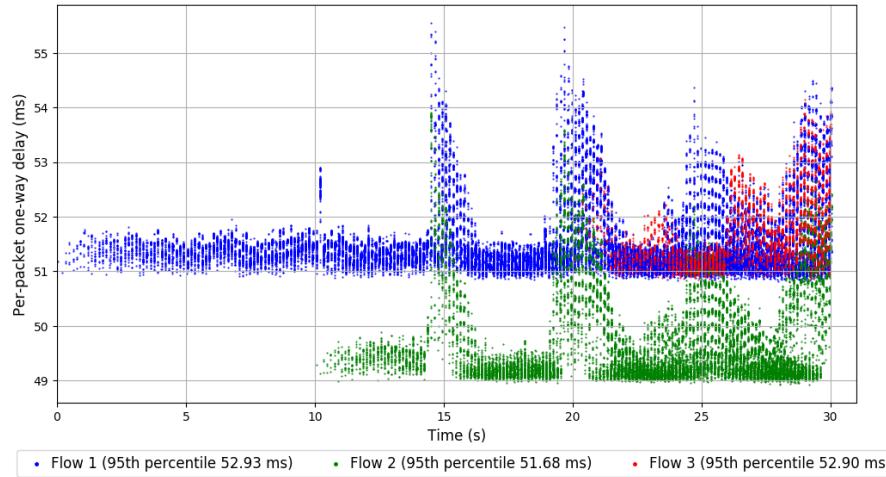
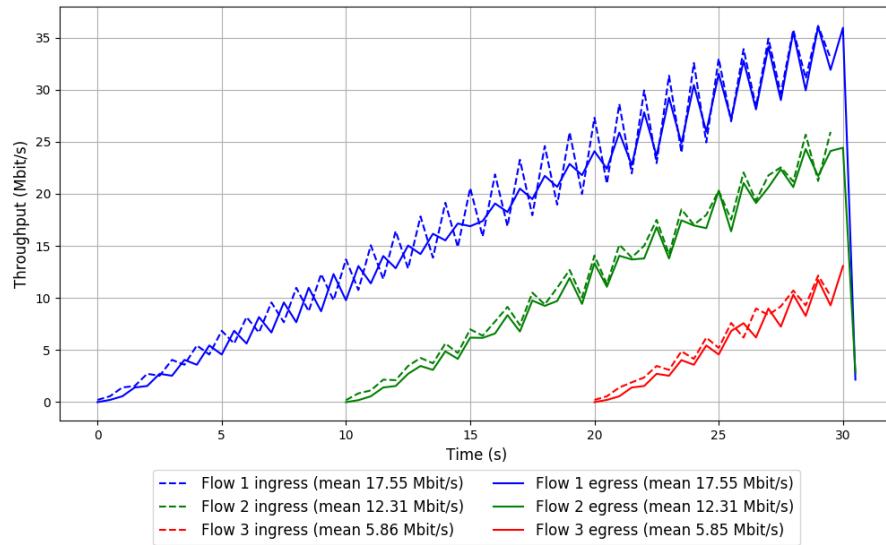


```
Run 1: Statistics of LEDBAT
```

```
Start at: 2019-11-24 07:21:34
End at: 2019-11-24 07:22:04
Local clock offset: -0.288 ms
Remote clock offset: -7.656 ms

# Below is generated by plot.py at 2019-11-24 09:53:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 27.69 Mbit/s
95th percentile per-packet one-way delay: 52.718 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 17.55 Mbit/s
95th percentile per-packet one-way delay: 52.934 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 12.31 Mbit/s
95th percentile per-packet one-way delay: 51.678 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 5.85 Mbit/s
95th percentile per-packet one-way delay: 52.898 ms
Loss rate: 0.00%
```

Run 1: Report of LEDBAT — Data Link

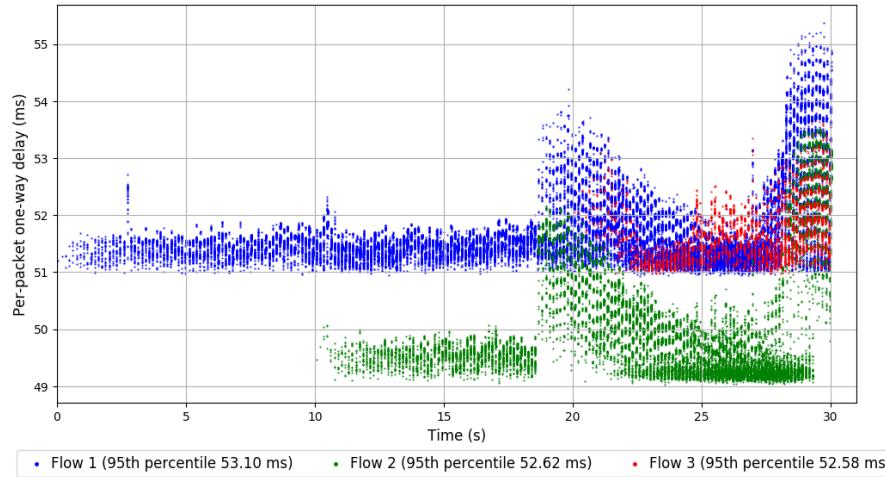
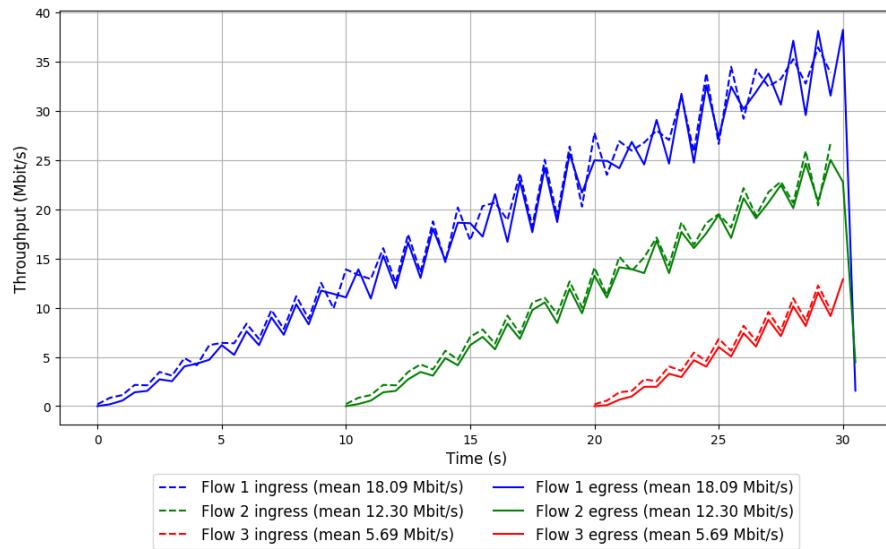


Run 2: Statistics of LEDBAT

```
Start at: 2019-11-24 07:51:28
End at: 2019-11-24 07:51:58
Local clock offset: -0.074 ms
Remote clock offset: -7.127 ms

# Below is generated by plot.py at 2019-11-24 09:53:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 28.16 Mbit/s
95th percentile per-packet one-way delay: 52.928 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 18.09 Mbit/s
95th percentile per-packet one-way delay: 53.096 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 12.30 Mbit/s
95th percentile per-packet one-way delay: 52.616 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 5.69 Mbit/s
95th percentile per-packet one-way delay: 52.584 ms
Loss rate: 0.00%
```

Run 2: Report of LEDBAT — Data Link

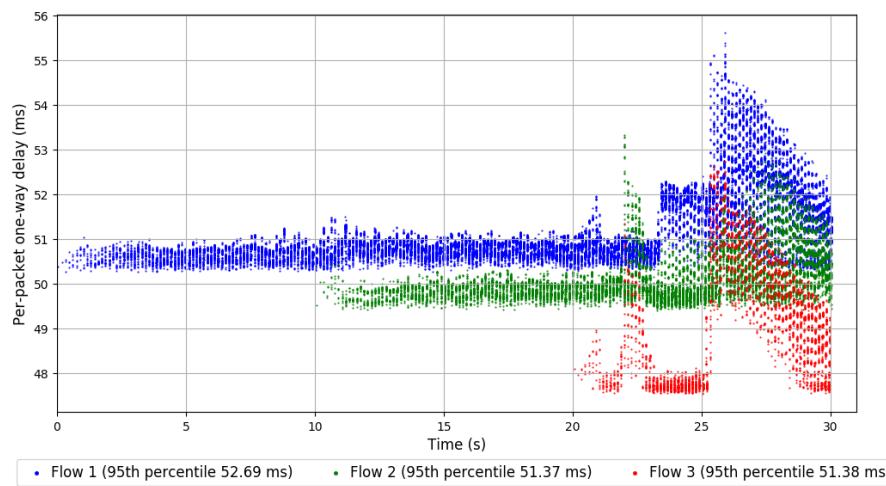
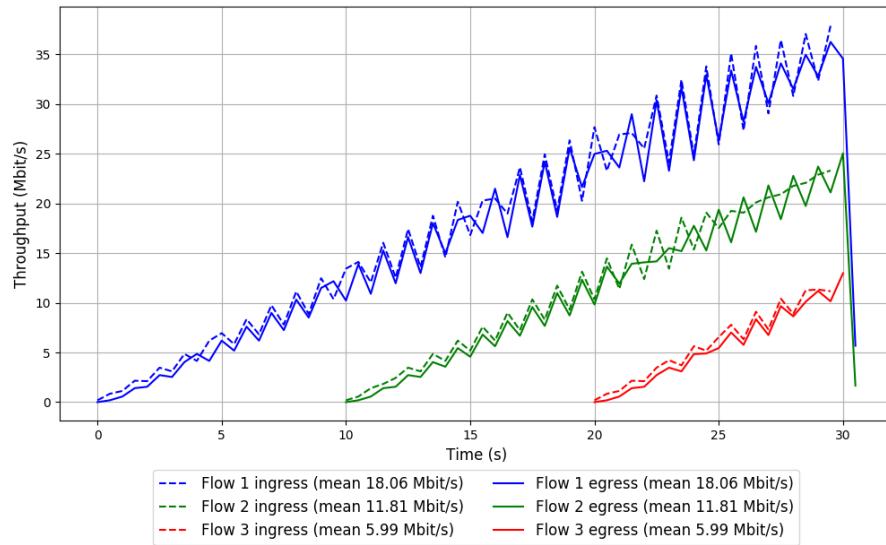


Run 3: Statistics of LEDBAT

```
Start at: 2019-11-24 08:21:27
End at: 2019-11-24 08:21:57
Local clock offset: -0.164 ms
Remote clock offset: -7.236 ms

# Below is generated by plot.py at 2019-11-24 09:53:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 27.91 Mbit/s
95th percentile per-packet one-way delay: 52.438 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 18.06 Mbit/s
95th percentile per-packet one-way delay: 52.690 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 11.81 Mbit/s
95th percentile per-packet one-way delay: 51.368 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 5.99 Mbit/s
95th percentile per-packet one-way delay: 51.385 ms
Loss rate: 0.00%
```

Run 3: Report of LEDBAT — Data Link

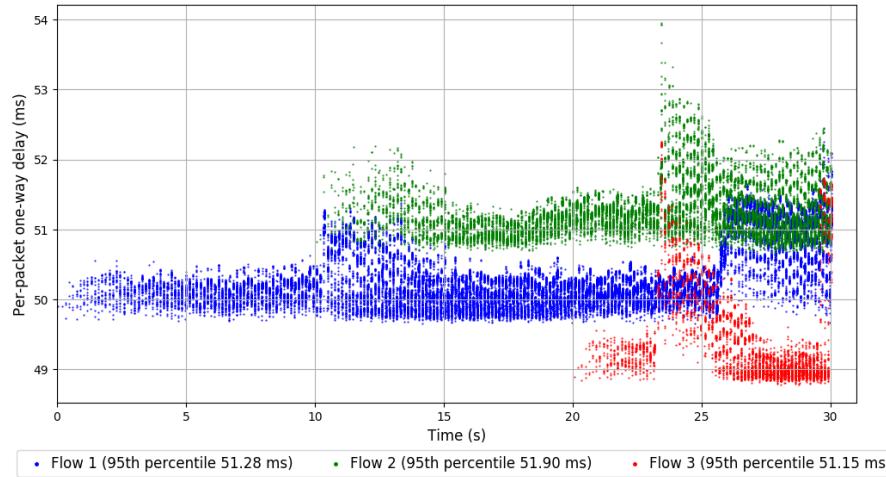
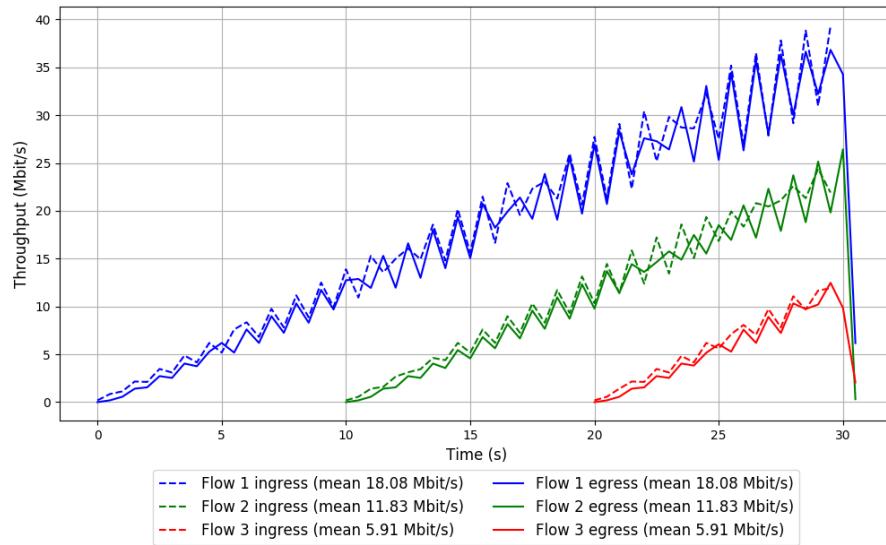


Run 4: Statistics of LEDBAT

```
Start at: 2019-11-24 08:51:26
End at: 2019-11-24 08:51:56
Local clock offset: -1.586 ms
Remote clock offset: -8.592 ms

# Below is generated by plot.py at 2019-11-24 09:53:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 27.91 Mbit/s
95th percentile per-packet one-way delay: 51.499 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 18.08 Mbit/s
95th percentile per-packet one-way delay: 51.276 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 11.83 Mbit/s
95th percentile per-packet one-way delay: 51.904 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 5.91 Mbit/s
95th percentile per-packet one-way delay: 51.153 ms
Loss rate: 0.00%
```

Run 4: Report of LEDBAT — Data Link

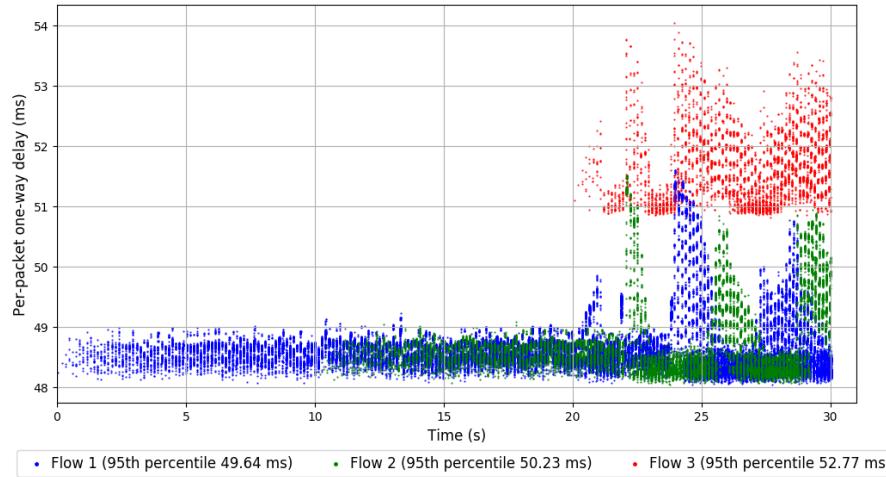
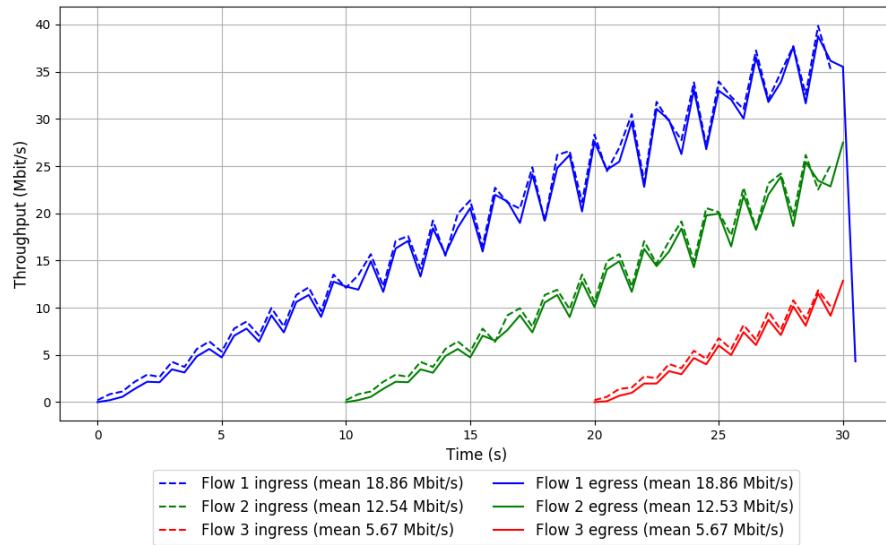


Run 5: Statistics of LEDBAT

```
Start at: 2019-11-24 09:21:33
End at: 2019-11-24 09:22:03
Local clock offset: -1.001 ms
Remote clock offset: -8.439 ms

# Below is generated by plot.py at 2019-11-24 09:53:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 29.07 Mbit/s
95th percentile per-packet one-way delay: 51.253 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 18.86 Mbit/s
95th percentile per-packet one-way delay: 49.644 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 12.53 Mbit/s
95th percentile per-packet one-way delay: 50.226 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 5.67 Mbit/s
95th percentile per-packet one-way delay: 52.768 ms
Loss rate: 0.00%
```

Run 5: Report of LEDBAT — Data Link

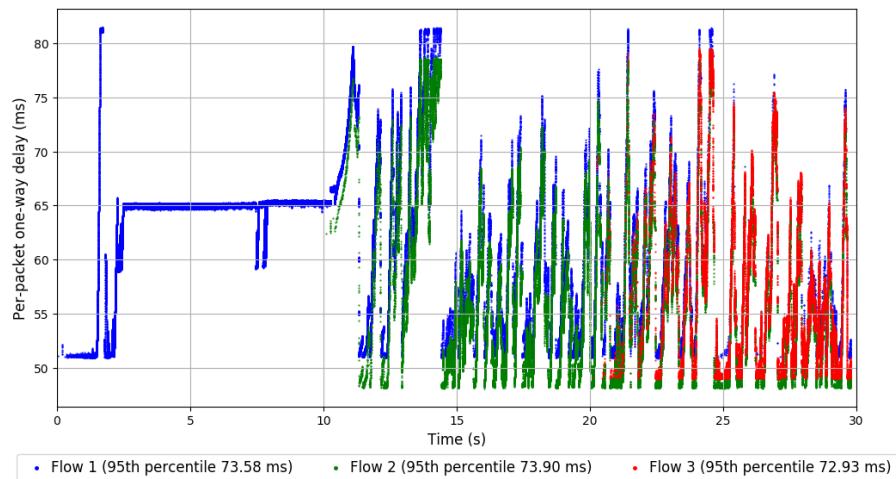
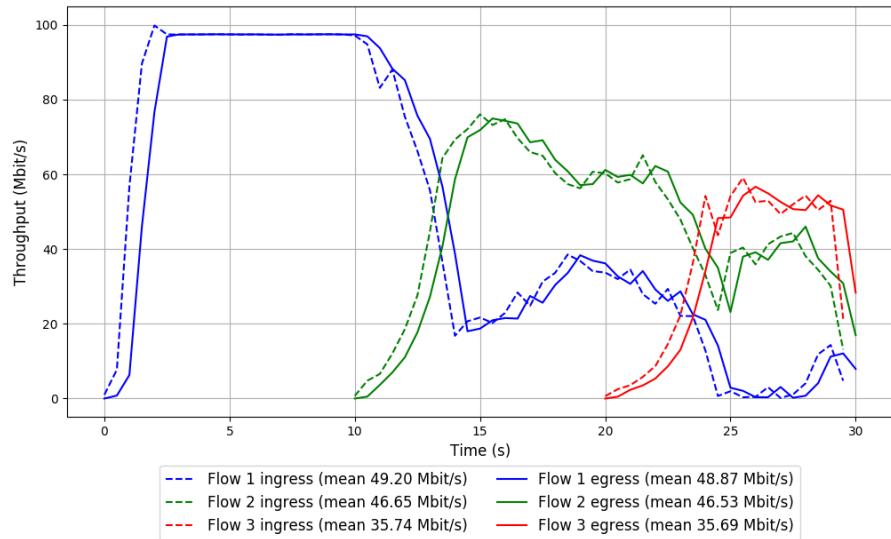


```
Run 1: Statistics of Muses\_DecisionTree

Start at: 2019-11-24 07:22:48
End at: 2019-11-24 07:23:18
Local clock offset: -0.266 ms
Remote clock offset: -7.52 ms

# Below is generated by plot.py at 2019-11-24 09:54:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.28 Mbit/s
95th percentile per-packet one-way delay: 73.522 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 48.87 Mbit/s
95th percentile per-packet one-way delay: 73.575 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 46.53 Mbit/s
95th percentile per-packet one-way delay: 73.898 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 35.69 Mbit/s
95th percentile per-packet one-way delay: 72.932 ms
Loss rate: 0.13%
```

Run 1: Report of Muses_DecisionTree — Data Link

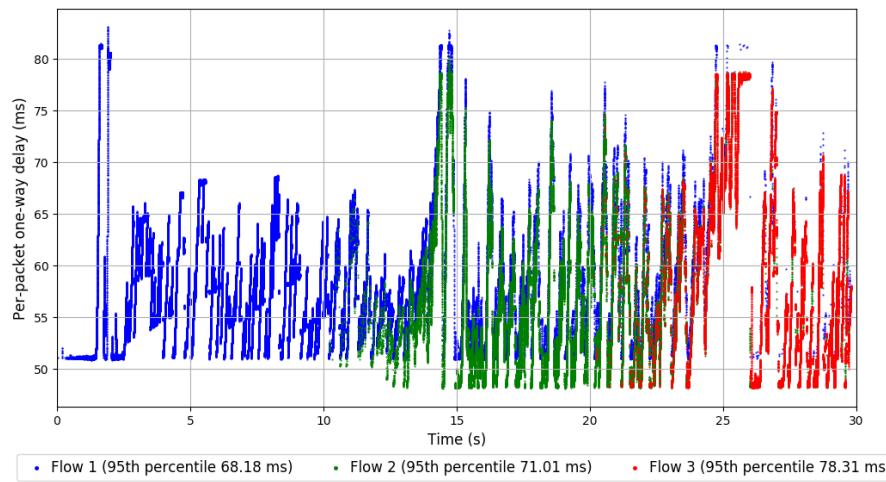
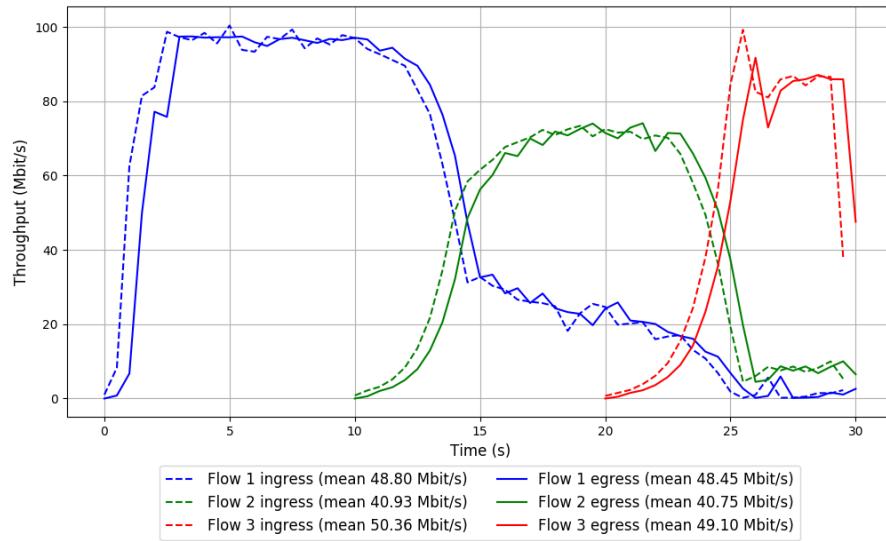


```
Run 2: Statistics of Muses\_DecisionTree

Start at: 2019-11-24 07:52:41
End at: 2019-11-24 07:53:11
Local clock offset: -0.035 ms
Remote clock offset: -7.197 ms

# Below is generated by plot.py at 2019-11-24 09:54:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.32 Mbit/s
95th percentile per-packet one-way delay: 73.637 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 48.45 Mbit/s
95th percentile per-packet one-way delay: 68.183 ms
Loss rate: 0.69%
-- Flow 2:
Average throughput: 40.75 Mbit/s
95th percentile per-packet one-way delay: 71.007 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 49.10 Mbit/s
95th percentile per-packet one-way delay: 78.307 ms
Loss rate: 2.52%
```

Run 2: Report of Muses_DecisionTree — Data Link

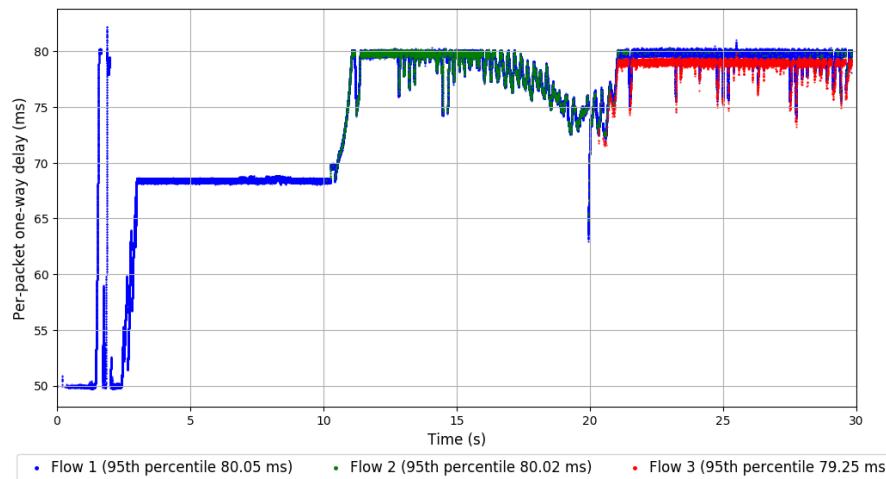
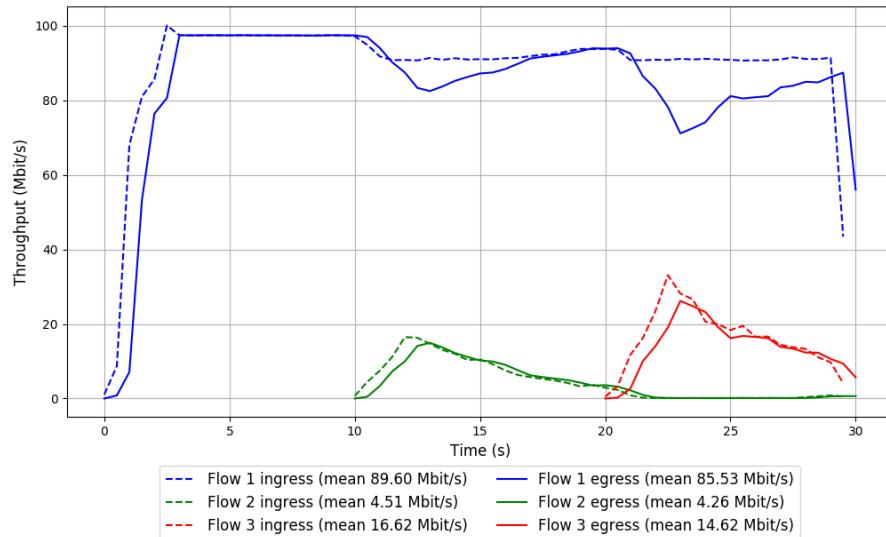


```
Run 3: Statistics of Muses\_DecisionTree

Start at: 2019-11-24 08:22:40
End at: 2019-11-24 08:23:10
Local clock offset: -0.979 ms
Remote clock offset: -6.832 ms

# Below is generated by plot.py at 2019-11-24 09:54:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.10 Mbit/s
95th percentile per-packet one-way delay: 80.048 ms
Loss rate: 4.89%
-- Flow 1:
Average throughput: 85.53 Mbit/s
95th percentile per-packet one-way delay: 80.050 ms
Loss rate: 4.45%
-- Flow 2:
Average throughput: 4.26 Mbit/s
95th percentile per-packet one-way delay: 80.023 ms
Loss rate: 5.42%
-- Flow 3:
Average throughput: 14.62 Mbit/s
95th percentile per-packet one-way delay: 79.248 ms
Loss rate: 11.99%
```

Run 3: Report of Muses_DecisionTree — Data Link

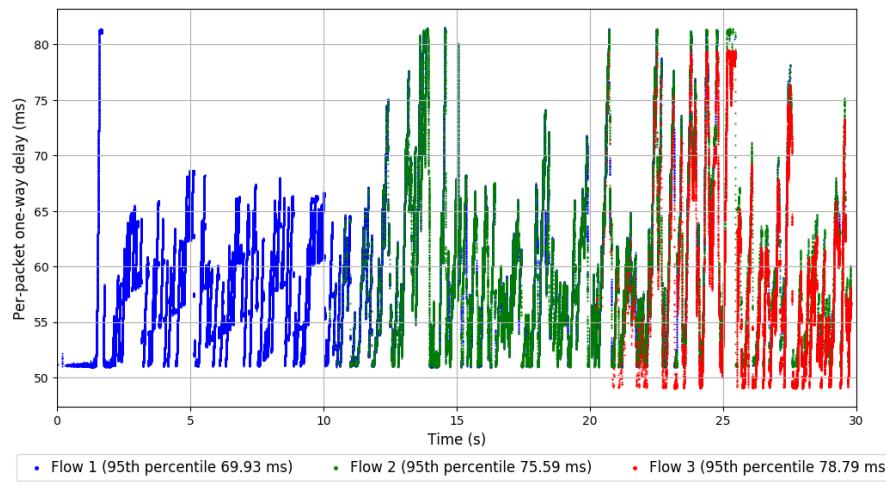
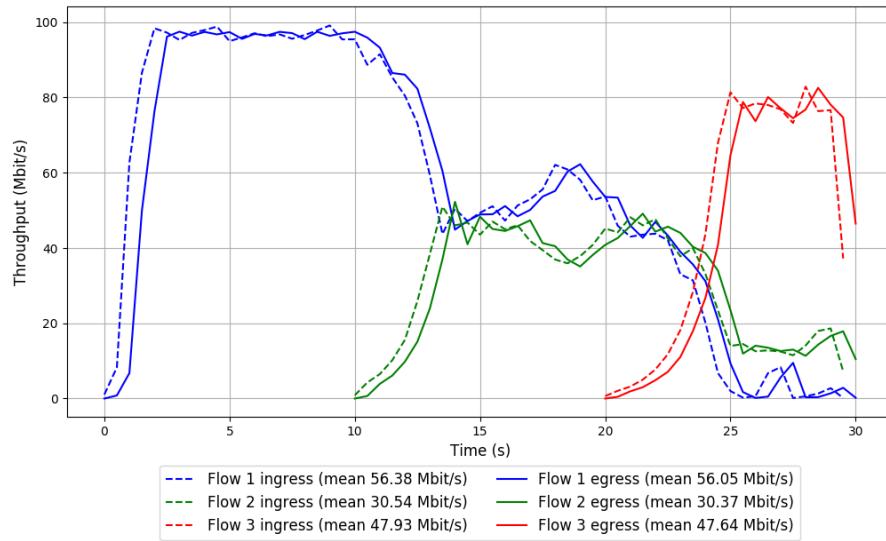


```
Run 4: Statistics of Muses\_DecisionTree

Start at: 2019-11-24 08:52:39
End at: 2019-11-24 08:53:09
Local clock offset: -1.586 ms
Remote clock offset: -9.217 ms

# Below is generated by plot.py at 2019-11-24 09:54:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.63 Mbit/s
95th percentile per-packet one-way delay: 73.871 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 56.05 Mbit/s
95th percentile per-packet one-way delay: 69.934 ms
Loss rate: 0.57%
-- Flow 2:
Average throughput: 30.37 Mbit/s
95th percentile per-packet one-way delay: 75.593 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 47.64 Mbit/s
95th percentile per-packet one-way delay: 78.793 ms
Loss rate: 0.57%
```

Run 4: Report of Muses_DecisionTree — Data Link

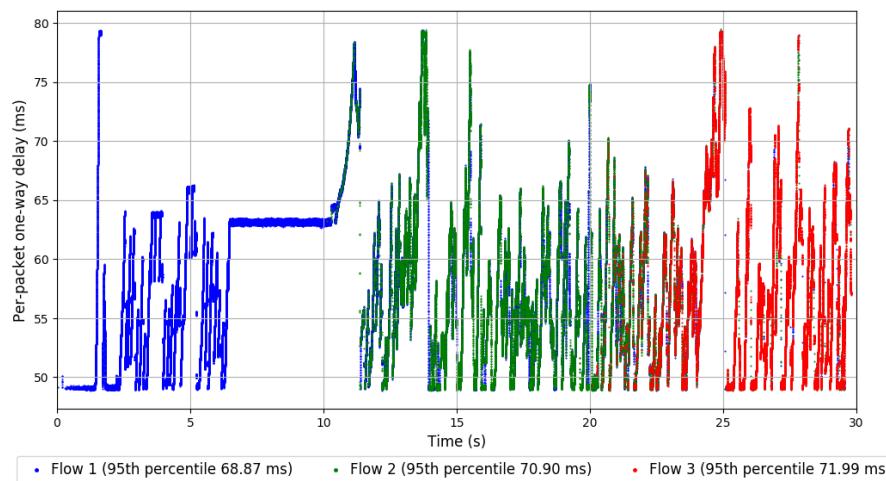
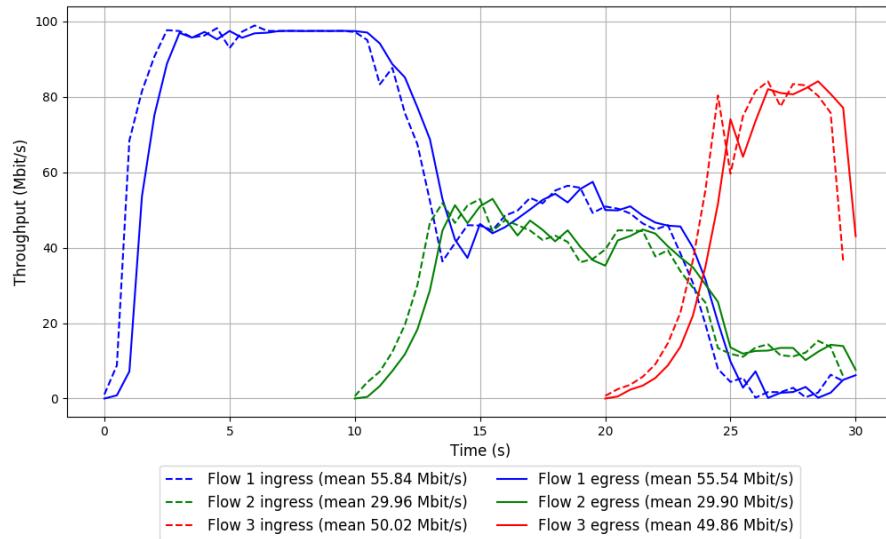


```
Run 5: Statistics of Muses\_DecisionTree

Start at: 2019-11-24 09:22:46
End at: 2019-11-24 09:23:16
Local clock offset: -0.233 ms
Remote clock offset: -7.739 ms

# Below is generated by plot.py at 2019-11-24 09:54:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.38 Mbit/s
95th percentile per-packet one-way delay: 70.350 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 55.54 Mbit/s
95th percentile per-packet one-way delay: 68.868 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 29.90 Mbit/s
95th percentile per-packet one-way delay: 70.898 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 49.86 Mbit/s
95th percentile per-packet one-way delay: 71.991 ms
Loss rate: 0.24%
```

Run 5: Report of Muses_DecisionTree — Data Link

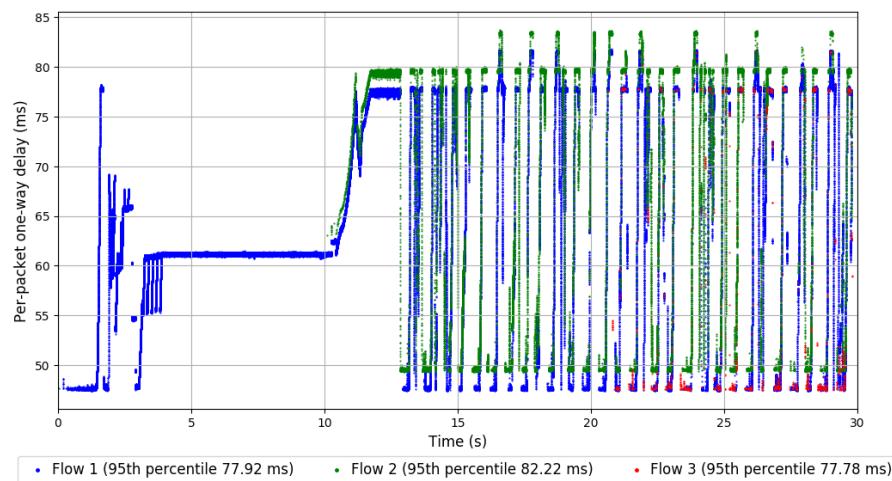
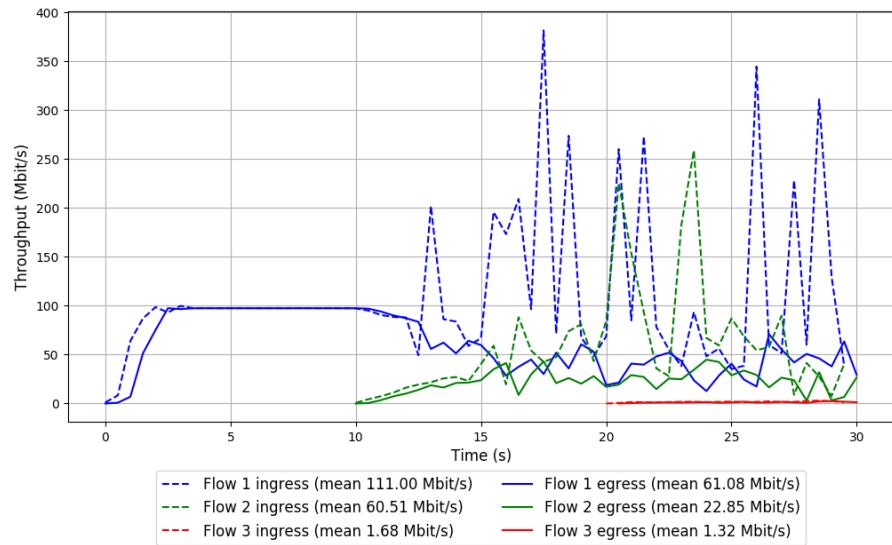


```
Run 1: Statistics of Muses\_DecisionTreeH0

Start at: 2019-11-24 07:42:41
End at: 2019-11-24 07:43:11
Local clock offset: 0.3 ms
Remote clock offset: -6.875 ms

# Below is generated by plot.py at 2019-11-24 09:54:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 76.60 Mbit/s
95th percentile per-packet one-way delay: 79.720 ms
Loss rate: 49.41%
-- Flow 1:
Average throughput: 61.08 Mbit/s
95th percentile per-packet one-way delay: 77.924 ms
Loss rate: 44.92%
-- Flow 2:
Average throughput: 22.85 Mbit/s
95th percentile per-packet one-way delay: 82.220 ms
Loss rate: 62.20%
-- Flow 3:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 77.777 ms
Loss rate: 25.58%
```

Run 1: Report of Muses_DecisionTreeH0 — Data Link

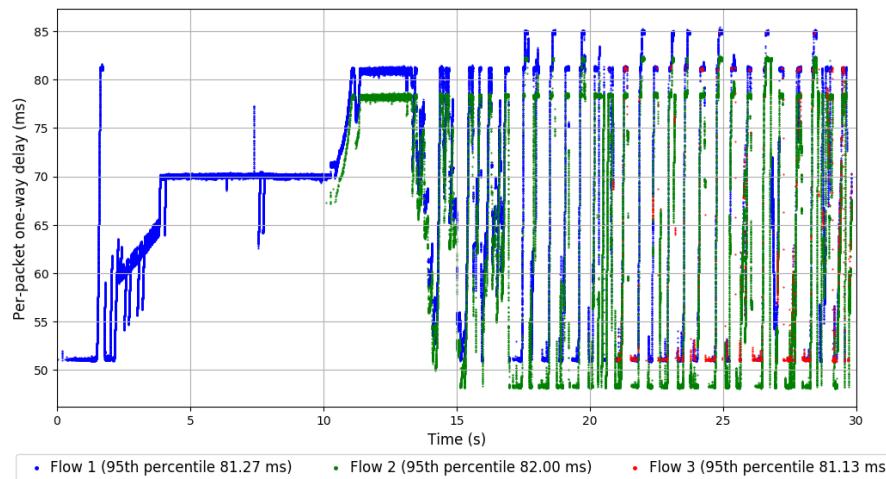
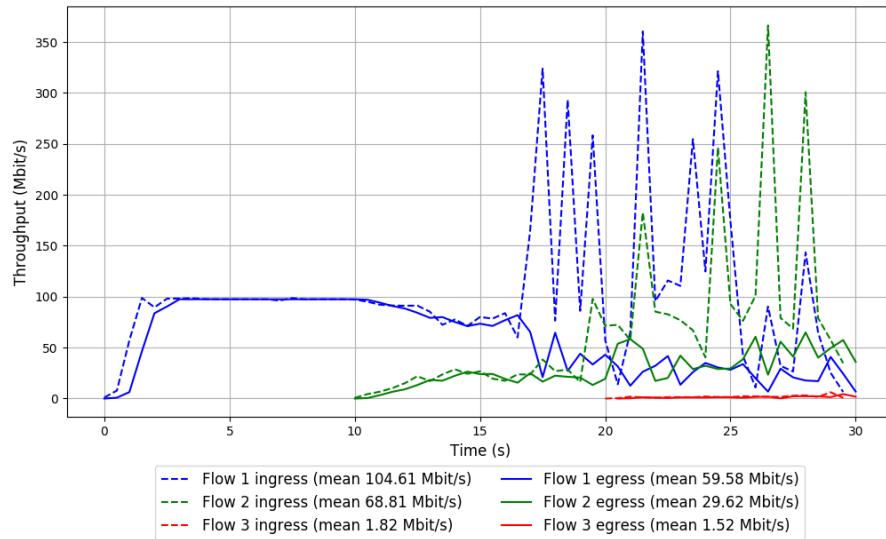


```
Run 2: Statistics of Muses\_DecisionTreeH0

Start at: 2019-11-24 08:12:38
End at: 2019-11-24 08:13:08
Local clock offset: -0.158 ms
Remote clock offset: -7.115 ms

# Below is generated by plot.py at 2019-11-24 09:54:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.65 Mbit/s
95th percentile per-packet one-way delay: 81.290 ms
Loss rate: 47.14%
-- Flow 1:
Average throughput: 59.58 Mbit/s
95th percentile per-packet one-way delay: 81.272 ms
Loss rate: 43.01%
-- Flow 2:
Average throughput: 29.62 Mbit/s
95th percentile per-packet one-way delay: 82.004 ms
Loss rate: 56.95%
-- Flow 3:
Average throughput: 1.52 Mbit/s
95th percentile per-packet one-way delay: 81.131 ms
Loss rate: 20.88%
```

Run 2: Report of Muses_DecisionTreeH0 — Data Link

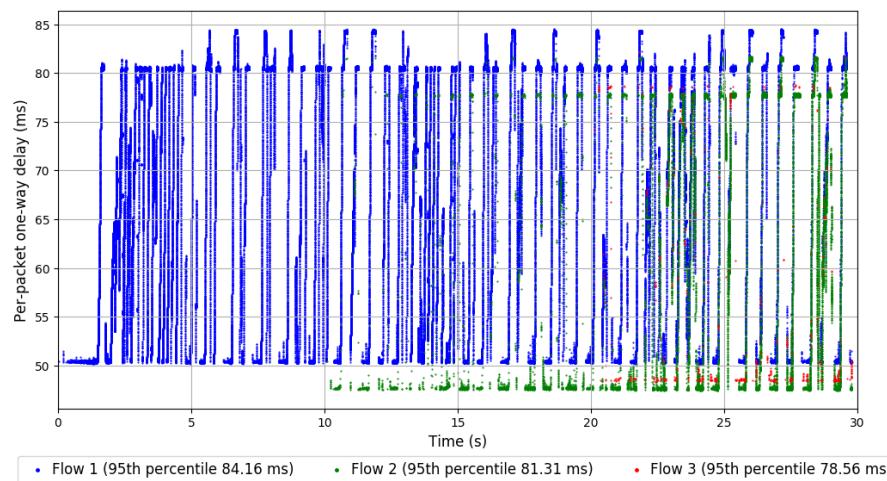
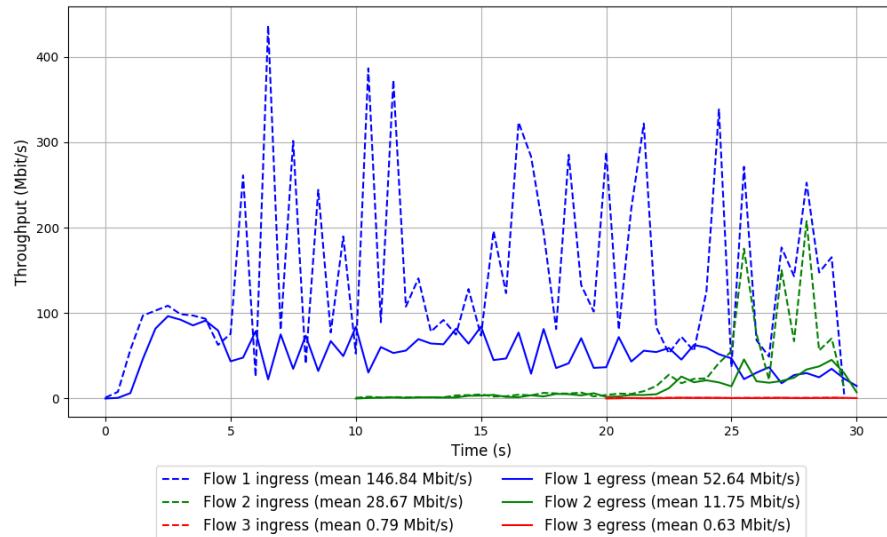


```
Run 3: Statistics of Muses\_DecisionTreeH0

Start at: 2019-11-24 08:42:36
End at: 2019-11-24 08:43:06
Local clock offset: -0.705 ms
Remote clock offset: -9.055 ms

# Below is generated by plot.py at 2019-11-24 09:54:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 60.63 Mbit/s
95th percentile per-packet one-way delay: 84.106 ms
Loss rate: 63.50%
-- Flow 1:
Average throughput: 52.64 Mbit/s
95th percentile per-packet one-way delay: 84.156 ms
Loss rate: 64.15%
-- Flow 2:
Average throughput: 11.75 Mbit/s
95th percentile per-packet one-way delay: 81.312 ms
Loss rate: 59.03%
-- Flow 3:
Average throughput: 0.63 Mbit/s
95th percentile per-packet one-way delay: 78.560 ms
Loss rate: 20.15%
```

Run 3: Report of Muses_DecisionTreeH0 — Data Link

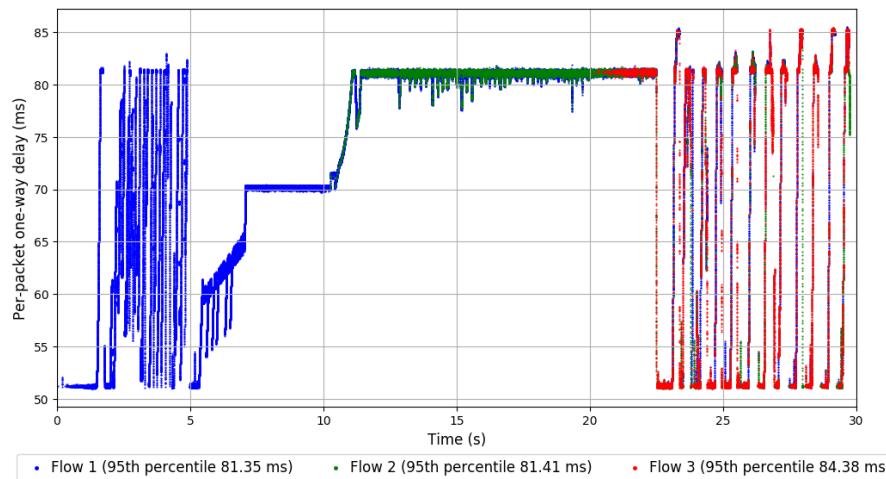
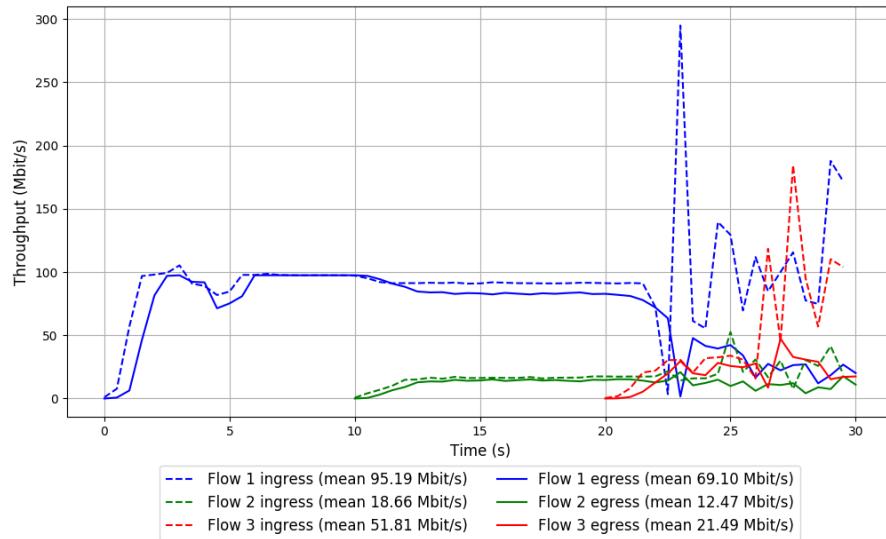


```
Run 4: Statistics of Muses\_DecisionTreeH0

Start at: 2019-11-24 09:12:33
End at: 2019-11-24 09:13:03
Local clock offset: -0.734 ms
Remote clock offset: -7.692 ms

# Below is generated by plot.py at 2019-11-24 09:55:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.23 Mbit/s
95th percentile per-packet one-way delay: 81.376 ms
Loss rate: 32.11%
-- Flow 1:
Average throughput: 69.10 Mbit/s
95th percentile per-packet one-way delay: 81.349 ms
Loss rate: 27.33%
-- Flow 2:
Average throughput: 12.47 Mbit/s
95th percentile per-packet one-way delay: 81.405 ms
Loss rate: 33.16%
-- Flow 3:
Average throughput: 21.49 Mbit/s
95th percentile per-packet one-way delay: 84.378 ms
Loss rate: 58.53%
```

Run 4: Report of Muses_DecisionTreeH0 — Data Link

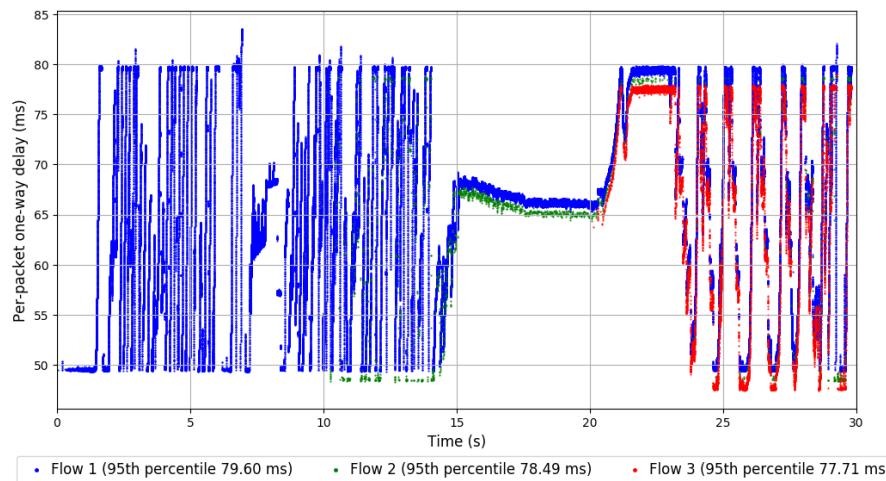
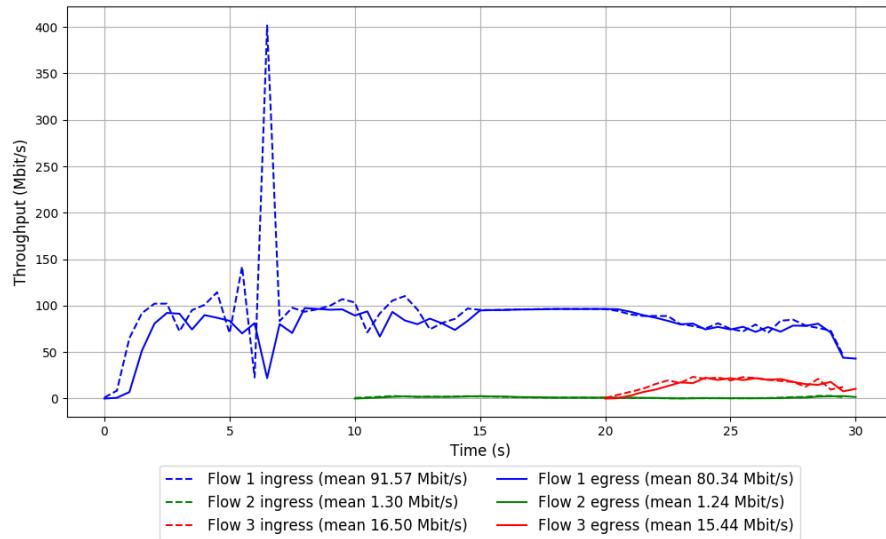


```
Run 5: Statistics of Muses\_DecisionTreeH0

Start at: 2019-11-24 09:42:43
End at: 2019-11-24 09:43:13
Local clock offset: -0.049 ms
Remote clock offset: -9.524 ms

# Below is generated by plot.py at 2019-11-24 09:55:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.19 Mbit/s
95th percentile per-packet one-way delay: 79.592 ms
Loss rate: 11.78%
-- Flow 1:
Average throughput: 80.34 Mbit/s
95th percentile per-packet one-way delay: 79.599 ms
Loss rate: 12.17%
-- Flow 2:
Average throughput: 1.24 Mbit/s
95th percentile per-packet one-way delay: 78.486 ms
Loss rate: 4.69%
-- Flow 3:
Average throughput: 15.44 Mbit/s
95th percentile per-packet one-way delay: 77.711 ms
Loss rate: 6.33%
```

Run 5: Report of Muses_DecisionTreeH0 — Data Link

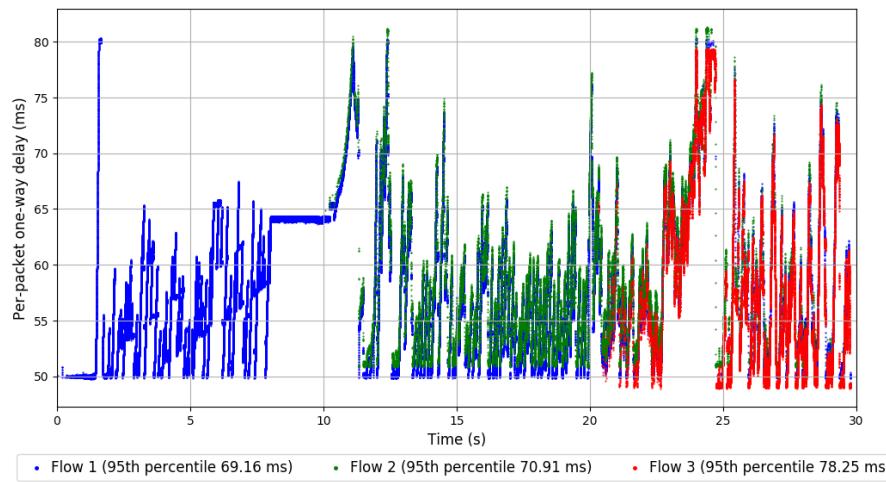
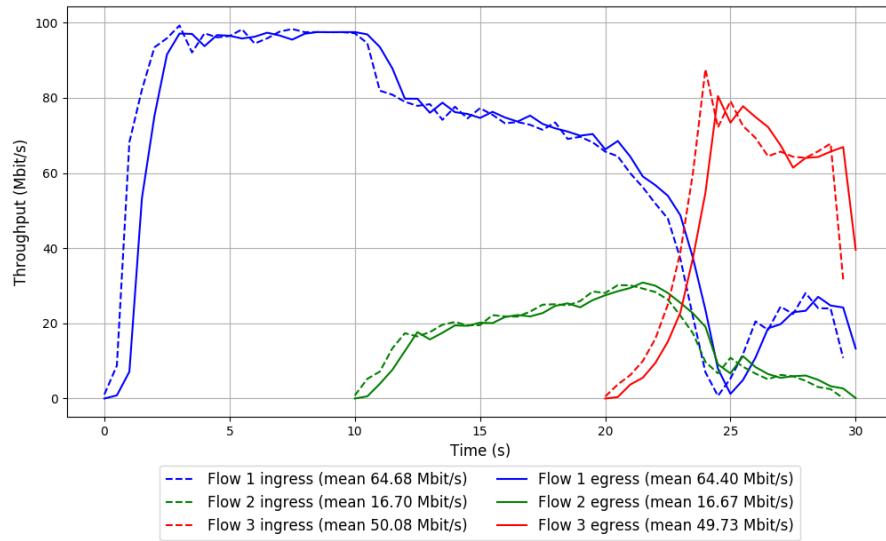


```
Run 1: Statistics of Muses\_DecisionTreeR0

Start at: 2019-11-24 07:41:25
End at: 2019-11-24 07:41:55
Local clock offset: -0.52 ms
Remote clock offset: -6.215 ms

# Below is generated by plot.py at 2019-11-24 09:55:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.52 Mbit/s
95th percentile per-packet one-way delay: 71.801 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 64.40 Mbit/s
95th percentile per-packet one-way delay: 69.159 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 16.67 Mbit/s
95th percentile per-packet one-way delay: 70.906 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 49.73 Mbit/s
95th percentile per-packet one-way delay: 78.245 ms
Loss rate: 0.78%
```

Run 1: Report of Muses_DecisionTreeR0 — Data Link

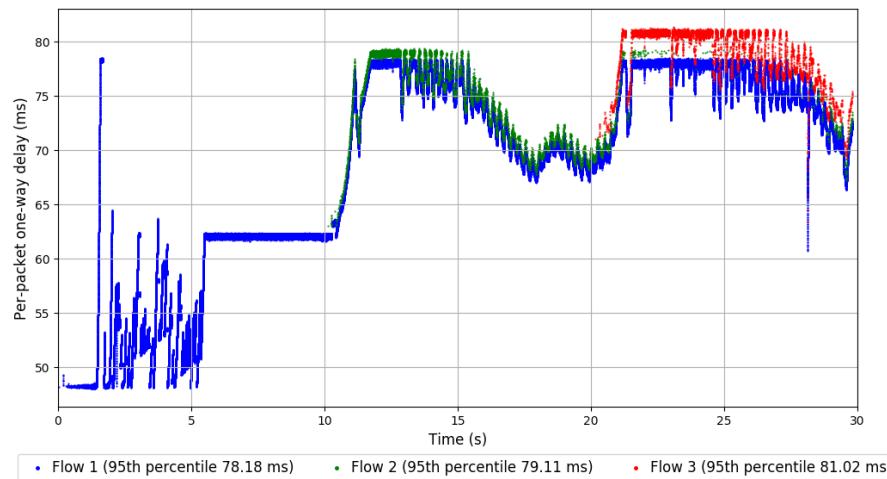
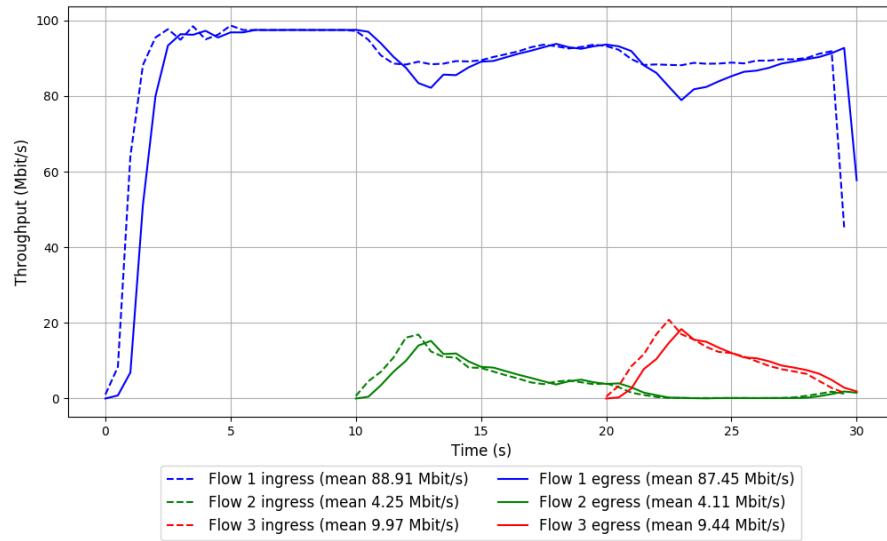


```
Run 2: Statistics of Muses\_DecisionTreeR0

Start at: 2019-11-24 08:11:22
End at: 2019-11-24 08:11:52
Local clock offset: 0.782 ms
Remote clock offset: -6.502 ms

# Below is generated by plot.py at 2019-11-24 09:55:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.23 Mbit/s
95th percentile per-packet one-way delay: 78.244 ms
Loss rate: 1.74%
-- Flow 1:
Average throughput: 87.45 Mbit/s
95th percentile per-packet one-way delay: 78.180 ms
Loss rate: 1.56%
-- Flow 2:
Average throughput: 4.11 Mbit/s
95th percentile per-packet one-way delay: 79.105 ms
Loss rate: 3.45%
-- Flow 3:
Average throughput: 9.44 Mbit/s
95th percentile per-packet one-way delay: 81.017 ms
Loss rate: 5.28%
```

Run 2: Report of Muses_DecisionTreeR0 — Data Link

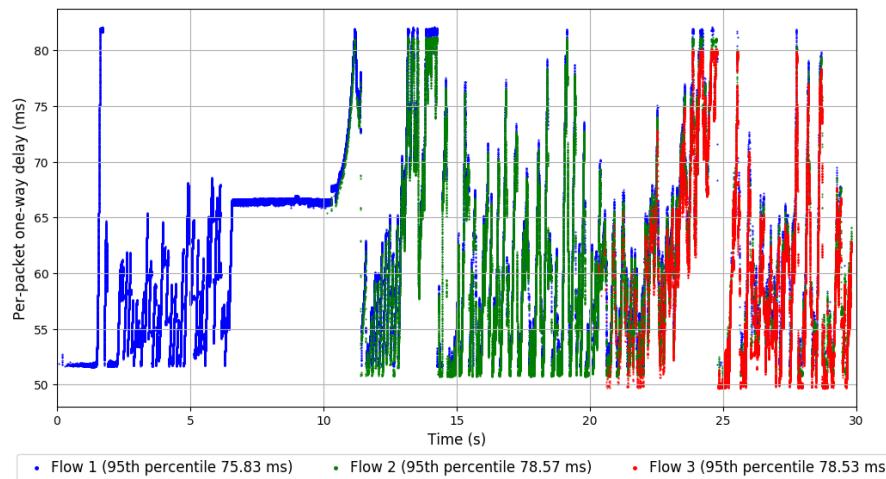
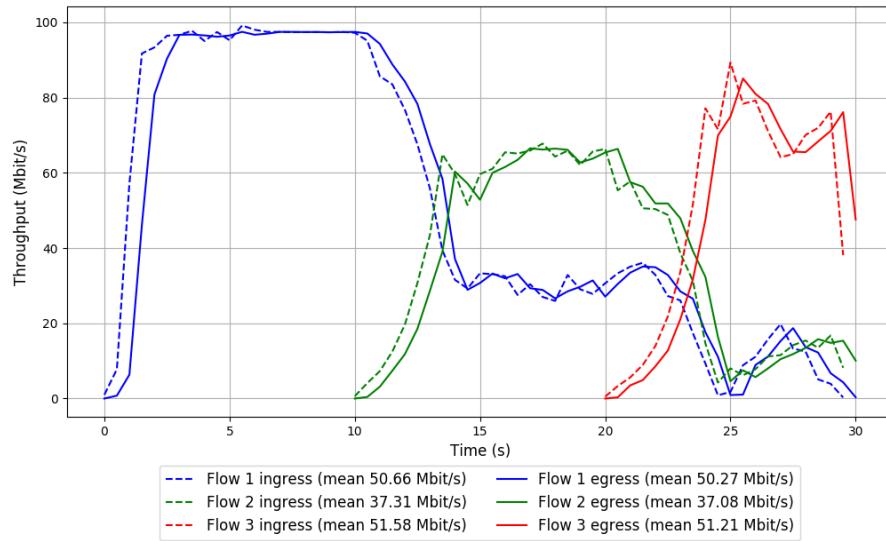


```
Run 3: Statistics of Muses\_DecisionTreeR0

Start at: 2019-11-24 08:41:20
End at: 2019-11-24 08:41:50
Local clock offset: -1.435 ms
Remote clock offset: -8.399 ms

# Below is generated by plot.py at 2019-11-24 09:55:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.33 Mbit/s
95th percentile per-packet one-way delay: 77.109 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 50.27 Mbit/s
95th percentile per-packet one-way delay: 75.829 ms
Loss rate: 0.73%
-- Flow 2:
Average throughput: 37.08 Mbit/s
95th percentile per-packet one-way delay: 78.574 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 51.21 Mbit/s
95th percentile per-packet one-way delay: 78.529 ms
Loss rate: 0.63%
```

Run 3: Report of Muses_DecisionTreeR0 — Data Link

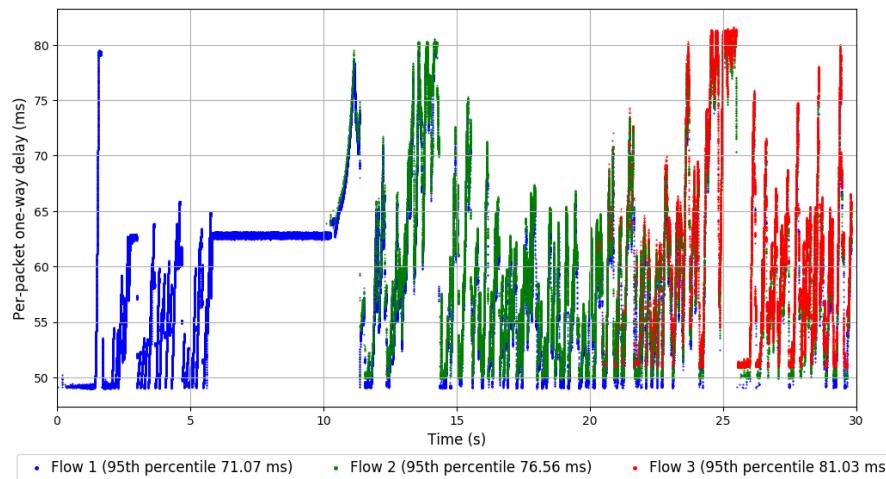
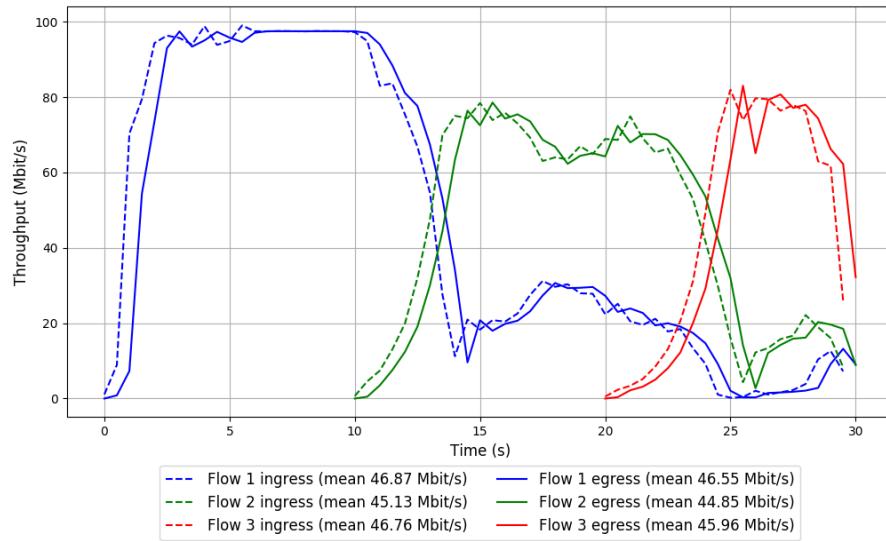


```
Run 4: Statistics of Muses\_DecisionTreeR0

Start at: 2019-11-24 09:11:17
End at: 2019-11-24 09:11:48
Local clock offset: -1.579 ms
Remote clock offset: -7.735 ms

# Below is generated by plot.py at 2019-11-24 09:55:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.13 Mbit/s
95th percentile per-packet one-way delay: 76.367 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 46.55 Mbit/s
95th percentile per-packet one-way delay: 71.067 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 44.85 Mbit/s
95th percentile per-packet one-way delay: 76.558 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 45.96 Mbit/s
95th percentile per-packet one-way delay: 81.035 ms
Loss rate: 1.56%
```

Run 4: Report of Muses_DecisionTreeR0 — Data Link

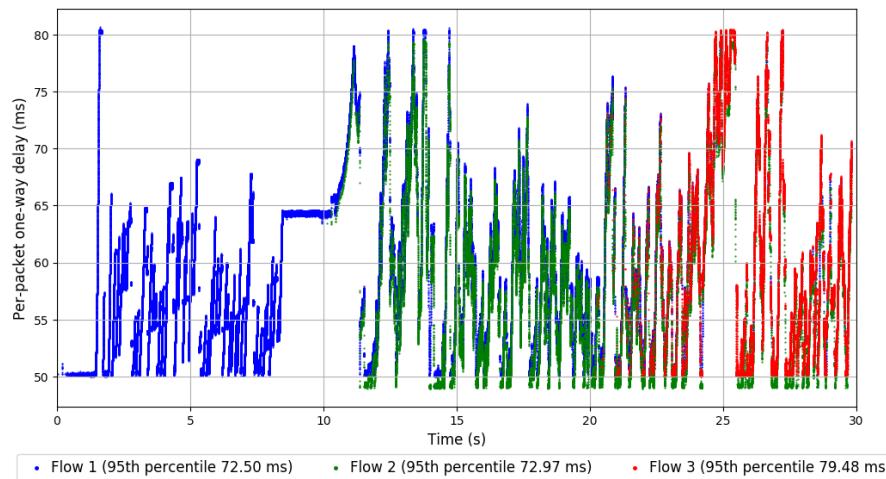
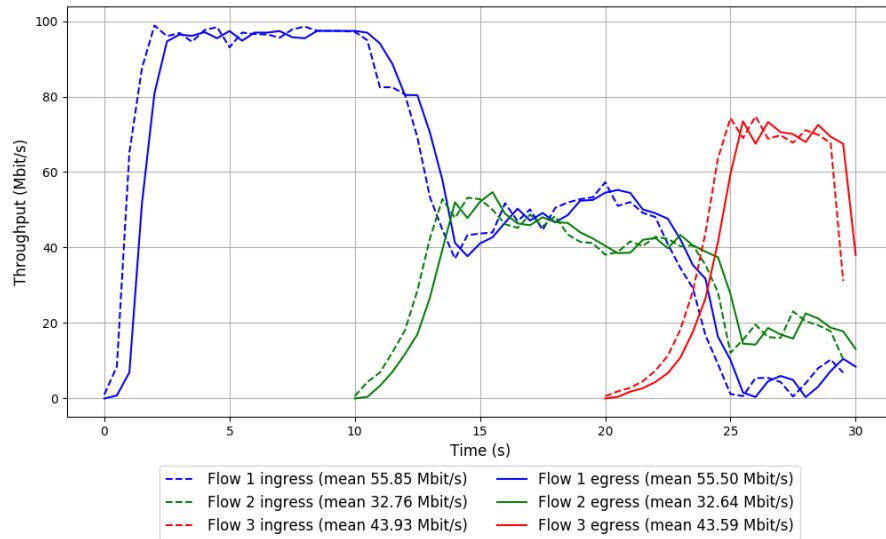


```
Run 5: Statistics of Muses\_DecisionTreeR0

Start at: 2019-11-24 09:41:27
End at: 2019-11-24 09:41:57
Local clock offset: -0.782 ms
Remote clock offset: -9.554 ms

# Below is generated by plot.py at 2019-11-24 09:55:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.25 Mbit/s
95th percentile per-packet one-way delay: 74.228 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 55.50 Mbit/s
95th percentile per-packet one-way delay: 72.505 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 32.64 Mbit/s
95th percentile per-packet one-way delay: 72.971 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 43.59 Mbit/s
95th percentile per-packet one-way delay: 79.485 ms
Loss rate: 0.56%
```

Run 5: Report of Muses_DecisionTreeR0 — Data Link

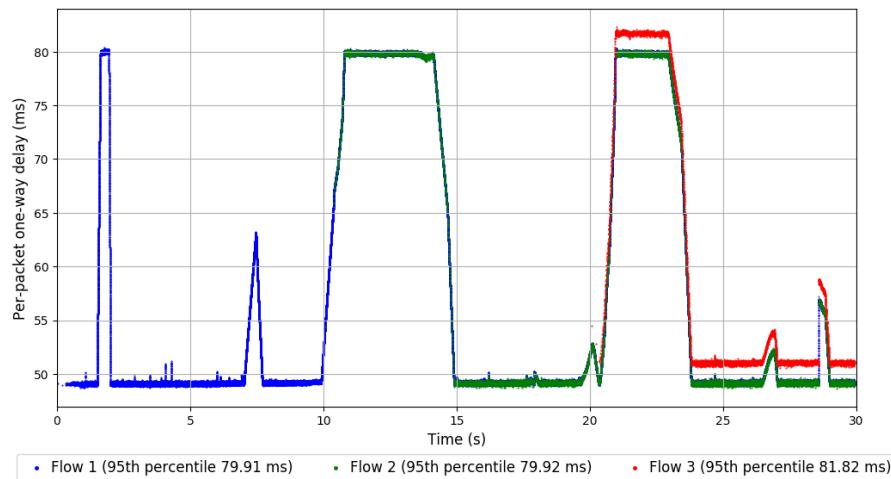
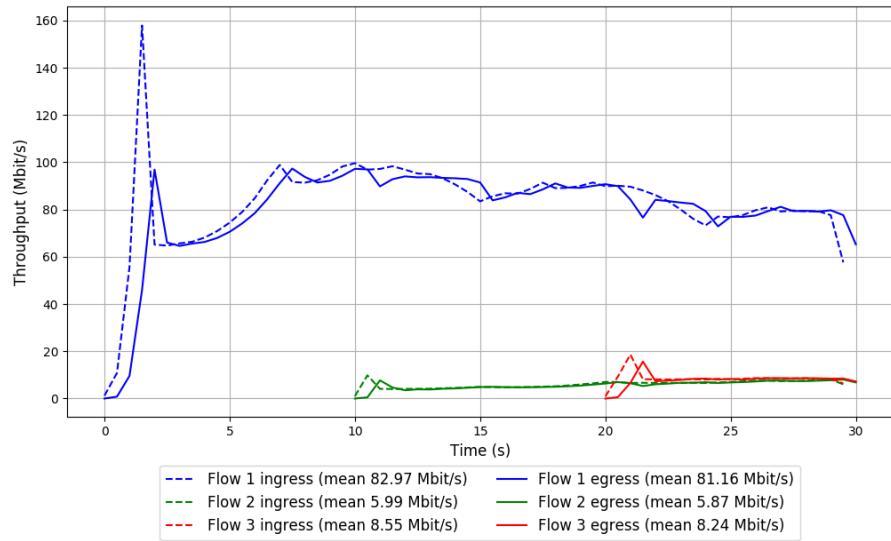


```
Run 1: Statistics of PCC-Allegro
```

```
Start at: 2019-11-24 07:25:16
End at: 2019-11-24 07:25:46
Local clock offset: -0.874 ms
Remote clock offset: -7.234 ms

# Below is generated by plot.py at 2019-11-24 09:56:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.77 Mbit/s
95th percentile per-packet one-way delay: 79.919 ms
Loss rate: 2.23%
-- Flow 1:
Average throughput: 81.16 Mbit/s
95th percentile per-packet one-way delay: 79.908 ms
Loss rate: 2.19%
-- Flow 2:
Average throughput: 5.87 Mbit/s
95th percentile per-packet one-way delay: 79.920 ms
Loss rate: 2.04%
-- Flow 3:
Average throughput: 8.24 Mbit/s
95th percentile per-packet one-way delay: 81.818 ms
Loss rate: 3.69%
```

Run 1: Report of PCC-Allegro — Data Link

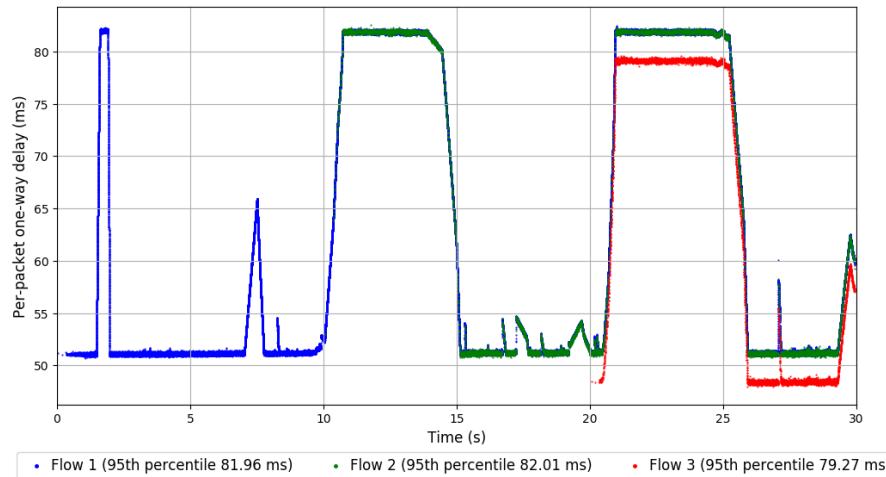
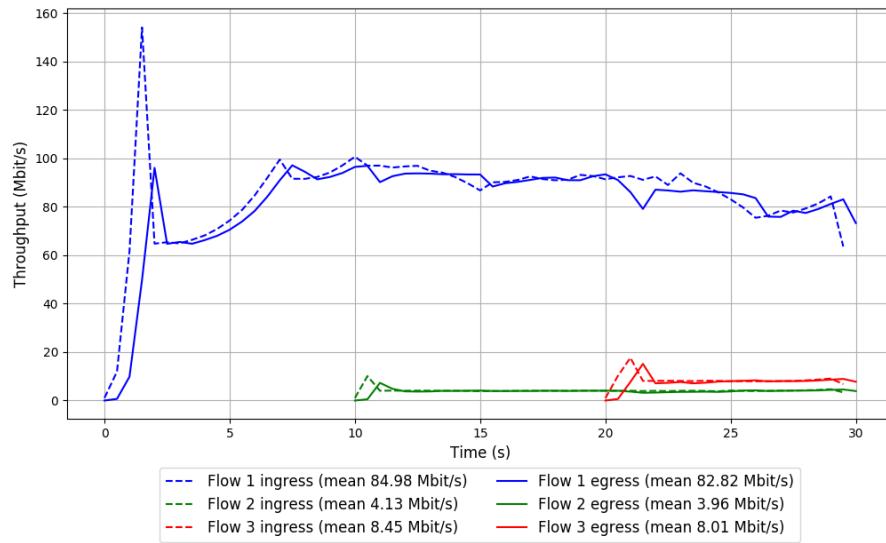


Run 2: Statistics of PCC-Allegro

```
Start at: 2019-11-24 07:55:10
End at: 2019-11-24 07:55:40
Local clock offset: 0.728 ms
Remote clock offset: -6.601 ms

# Below is generated by plot.py at 2019-11-24 09:56:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.10 Mbit/s
95th percentile per-packet one-way delay: 81.963 ms
Loss rate: 2.64%
-- Flow 1:
Average throughput: 82.82 Mbit/s
95th percentile per-packet one-way delay: 81.964 ms
Loss rate: 2.52%
-- Flow 2:
Average throughput: 3.96 Mbit/s
95th percentile per-packet one-way delay: 82.013 ms
Loss rate: 4.07%
-- Flow 3:
Average throughput: 8.01 Mbit/s
95th percentile per-packet one-way delay: 79.273 ms
Loss rate: 5.11%
```

Run 2: Report of PCC-Allegro — Data Link

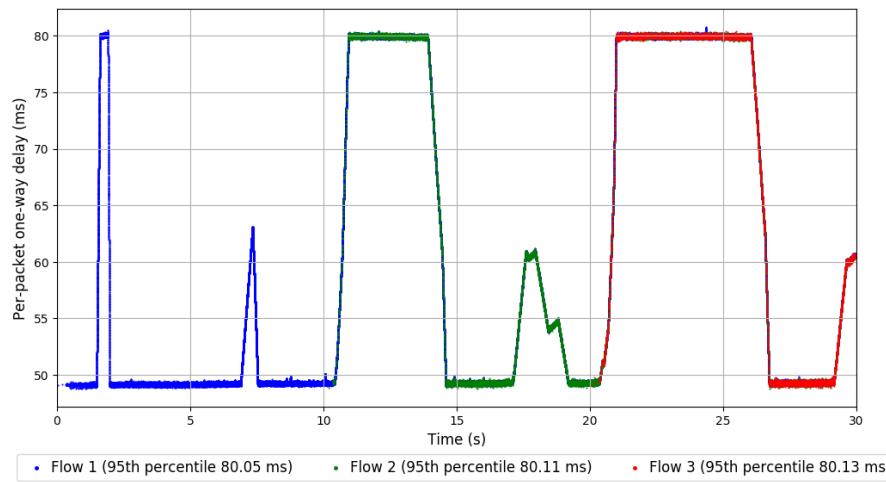
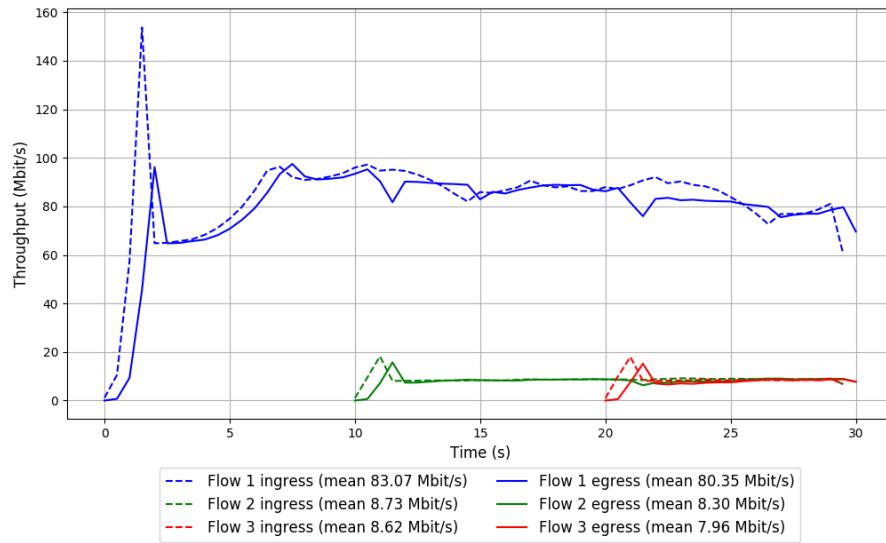


Run 3: Statistics of PCC-Allegro

```
Start at: 2019-11-24 08:25:09
End at: 2019-11-24 08:25:39
Local clock offset: -0.324 ms
Remote clock offset: -7.276 ms

# Below is generated by plot.py at 2019-11-24 09:56:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.50 Mbit/s
95th percentile per-packet one-way delay: 80.060 ms
Loss rate: 3.47%
-- Flow 1:
Average throughput: 80.35 Mbit/s
95th percentile per-packet one-way delay: 80.052 ms
Loss rate: 3.24%
-- Flow 2:
Average throughput: 8.30 Mbit/s
95th percentile per-packet one-way delay: 80.107 ms
Loss rate: 4.86%
-- Flow 3:
Average throughput: 7.96 Mbit/s
95th percentile per-packet one-way delay: 80.132 ms
Loss rate: 7.49%
```

Run 3: Report of PCC-Allegro — Data Link

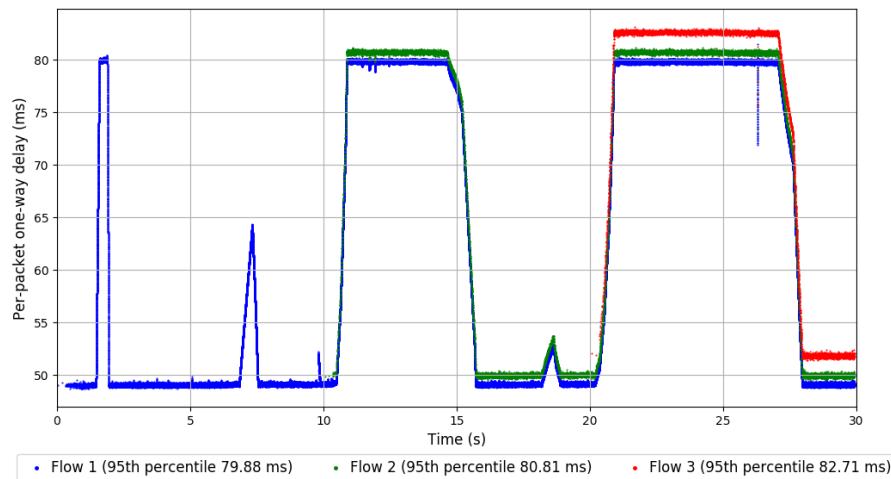
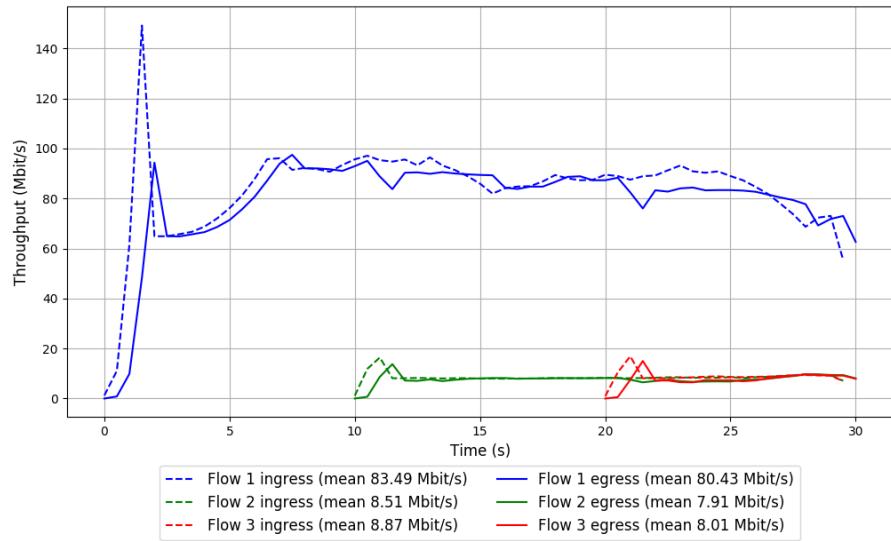


Run 4: Statistics of PCC-Allegro

```
Start at: 2019-11-24 08:55:08
End at: 2019-11-24 08:55:38
Local clock offset: -1.634 ms
Remote clock offset: -8.534 ms

# Below is generated by plot.py at 2019-11-24 09:56:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.33 Mbit/s
95th percentile per-packet one-way delay: 80.023 ms
Loss rate: 4.07%
-- Flow 1:
Average throughput: 80.43 Mbit/s
95th percentile per-packet one-way delay: 79.884 ms
Loss rate: 3.67%
-- Flow 2:
Average throughput: 7.91 Mbit/s
95th percentile per-packet one-way delay: 80.815 ms
Loss rate: 7.05%
-- Flow 3:
Average throughput: 8.01 Mbit/s
95th percentile per-packet one-way delay: 82.714 ms
Loss rate: 9.69%
```

Run 4: Report of PCC-Allegro — Data Link

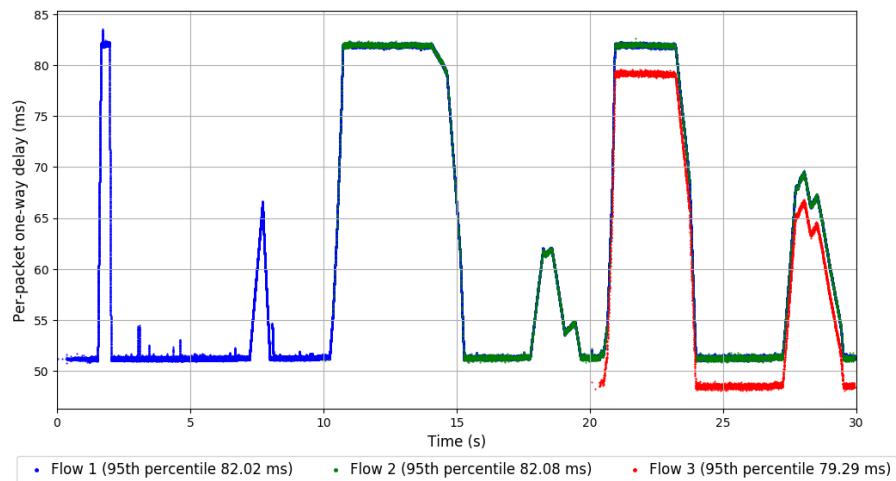
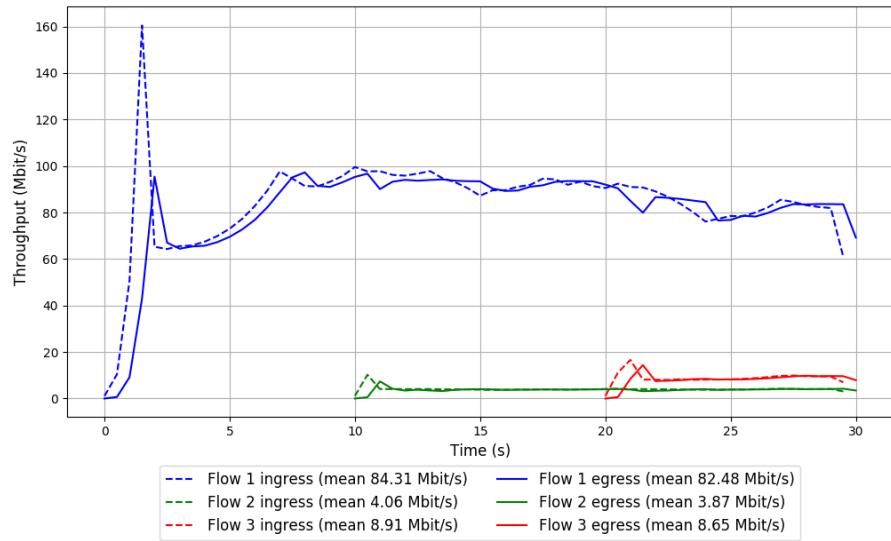


Run 5: Statistics of PCC-Allegro

```
Start at: 2019-11-24 09:25:15
End at: 2019-11-24 09:25:45
Local clock offset: -0.976 ms
Remote clock offset: -8.315 ms

# Below is generated by plot.py at 2019-11-24 09:56:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.90 Mbit/s
95th percentile per-packet one-way delay: 82.022 ms
Loss rate: 2.27%
-- Flow 1:
Average throughput: 82.48 Mbit/s
95th percentile per-packet one-way delay: 82.023 ms
Loss rate: 2.17%
-- Flow 2:
Average throughput: 3.87 Mbit/s
95th percentile per-packet one-way delay: 82.081 ms
Loss rate: 4.83%
-- Flow 3:
Average throughput: 8.65 Mbit/s
95th percentile per-packet one-way delay: 79.290 ms
Loss rate: 3.00%
```

Run 5: Report of PCC-Allegro — Data Link

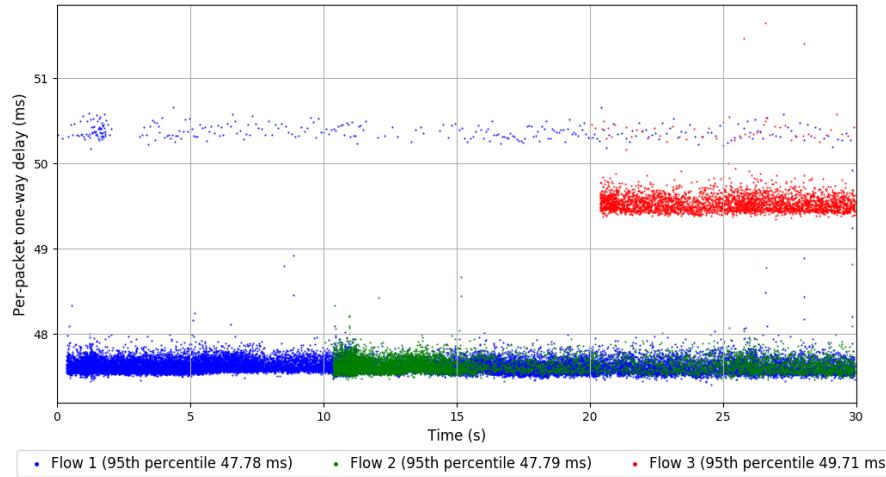
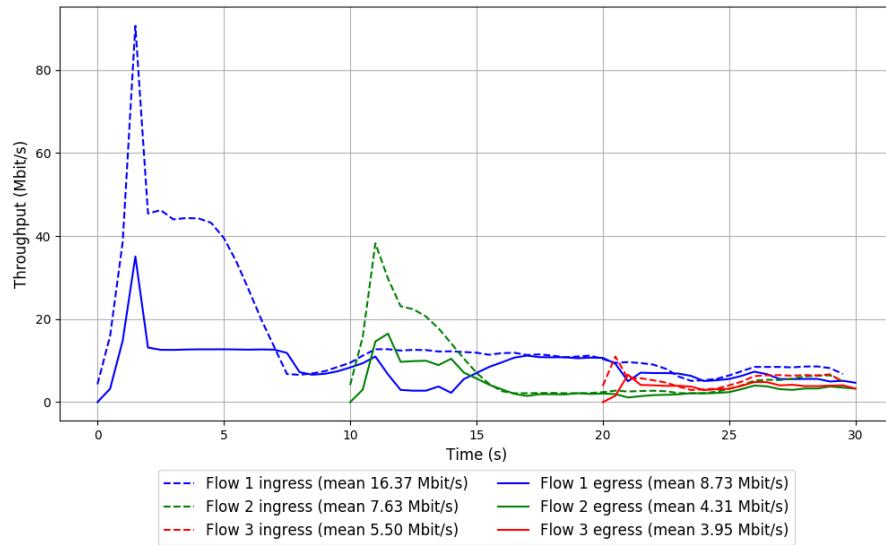


```
Run 1: Statistics of PCC-Expr
```

```
Start at: 2019-11-24 07:24:03
End at: 2019-11-24 07:24:33
Local clock offset: -0.156 ms
Remote clock offset: -7.999 ms

# Below is generated by plot.py at 2019-11-24 09:56:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 12.90 Mbit/s
95th percentile per-packet one-way delay: 49.544 ms
Loss rate: 44.55%
-- Flow 1:
Average throughput: 8.73 Mbit/s
95th percentile per-packet one-way delay: 47.777 ms
Loss rate: 46.70%
-- Flow 2:
Average throughput: 4.31 Mbit/s
95th percentile per-packet one-way delay: 47.788 ms
Loss rate: 43.49%
-- Flow 3:
Average throughput: 3.95 Mbit/s
95th percentile per-packet one-way delay: 49.713 ms
Loss rate: 28.13%
```

Run 1: Report of PCC-Expr — Data Link

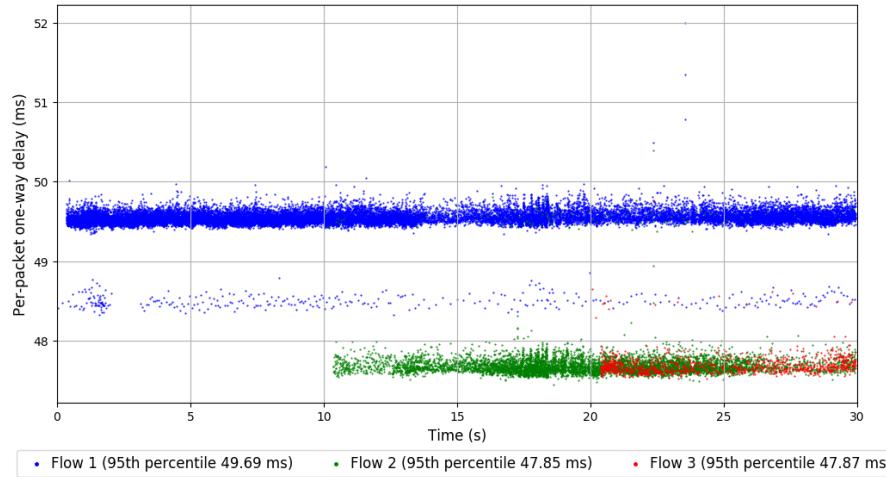
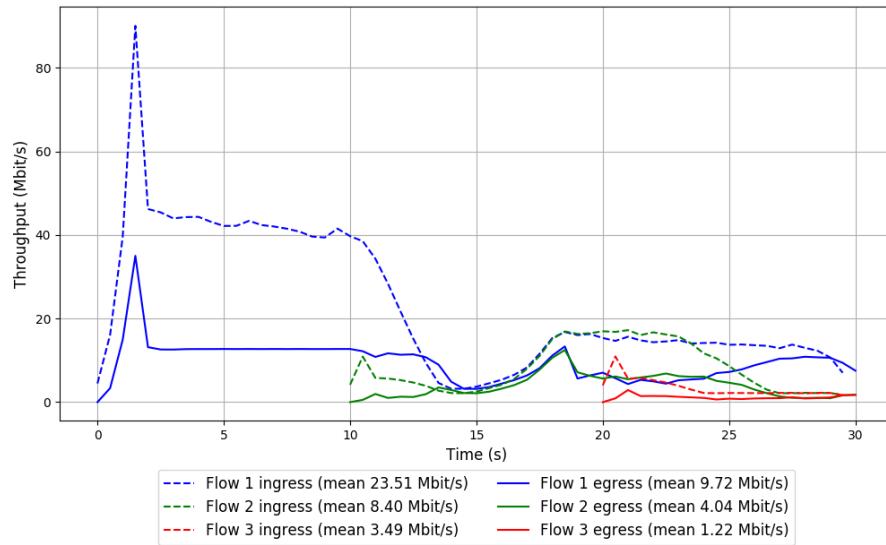


Run 2: Statistics of PCC-Expr

```
Start at: 2019-11-24 07:53:57
End at: 2019-11-24 07:54:27
Local clock offset: 0.755 ms
Remote clock offset: -7.155 ms

# Below is generated by plot.py at 2019-11-24 09:56:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 12.81 Mbit/s
95th percentile per-packet one-way delay: 49.671 ms
Loss rate: 57.67%
-- Flow 1:
Average throughput: 9.72 Mbit/s
95th percentile per-packet one-way delay: 49.686 ms
Loss rate: 58.68%
-- Flow 2:
Average throughput: 4.04 Mbit/s
95th percentile per-packet one-way delay: 47.851 ms
Loss rate: 51.91%
-- Flow 3:
Average throughput: 1.22 Mbit/s
95th percentile per-packet one-way delay: 47.868 ms
Loss rate: 64.97%
```

Run 2: Report of PCC-Expr — Data Link

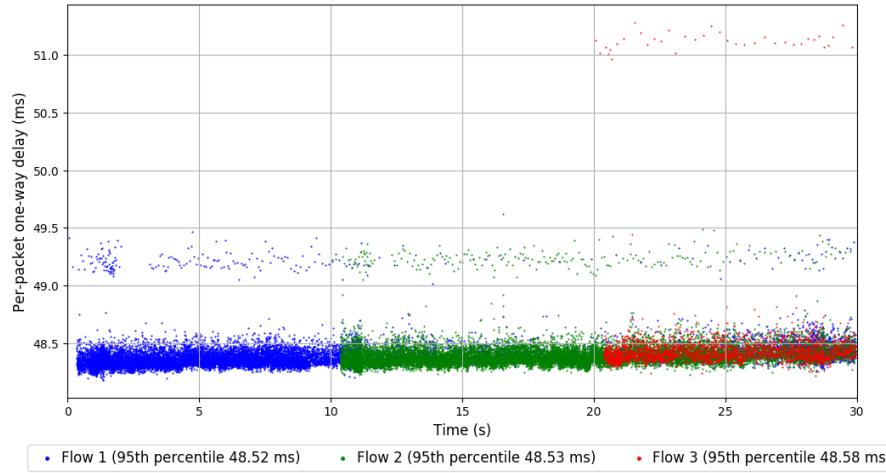
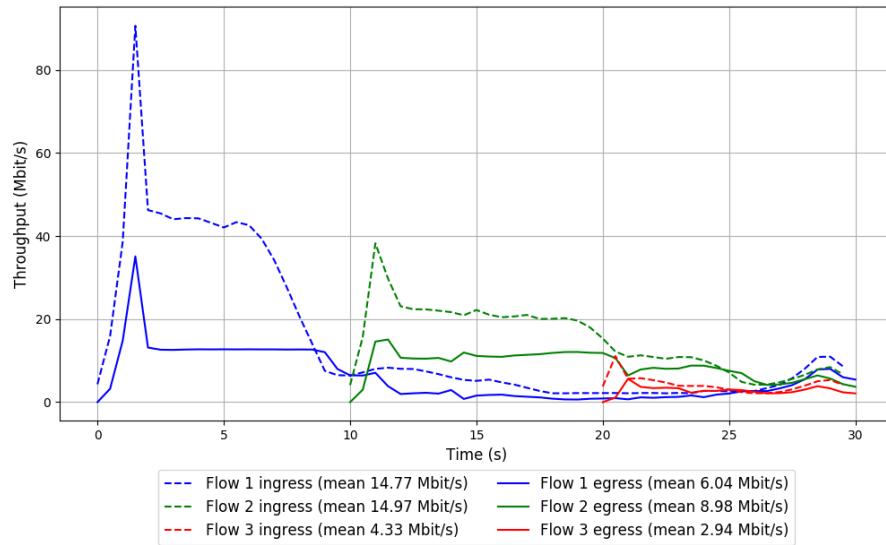


Run 3: Statistics of PCC-Expr

```
Start at: 2019-11-24 08:23:56
End at: 2019-11-24 08:24:26
Local clock offset: -1.037 ms
Remote clock offset: -7.73 ms

# Below is generated by plot.py at 2019-11-24 09:56:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 12.99 Mbit/s
95th percentile per-packet one-way delay: 48.533 ms
Loss rate: 50.36%
-- Flow 1:
Average throughput: 6.04 Mbit/s
95th percentile per-packet one-way delay: 48.524 ms
Loss rate: 59.11%
-- Flow 2:
Average throughput: 8.98 Mbit/s
95th percentile per-packet one-way delay: 48.530 ms
Loss rate: 40.02%
-- Flow 3:
Average throughput: 2.94 Mbit/s
95th percentile per-packet one-way delay: 48.576 ms
Loss rate: 31.99%
```

Run 3: Report of PCC-Expr — Data Link

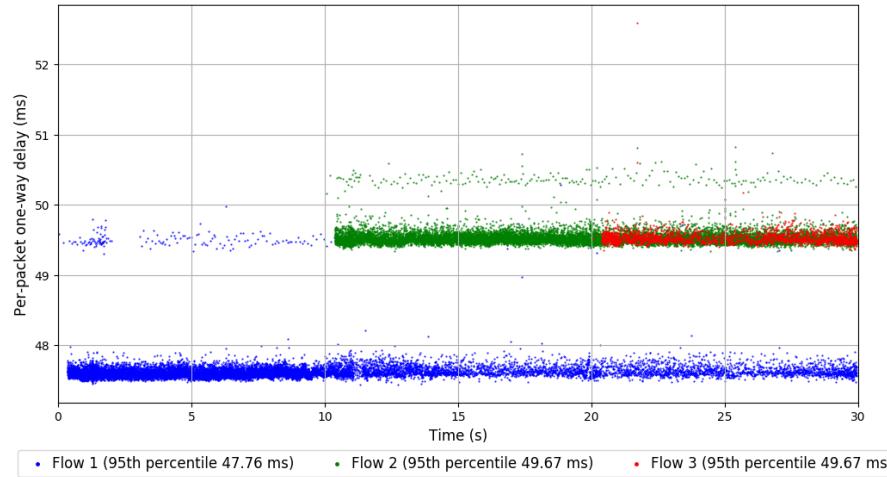
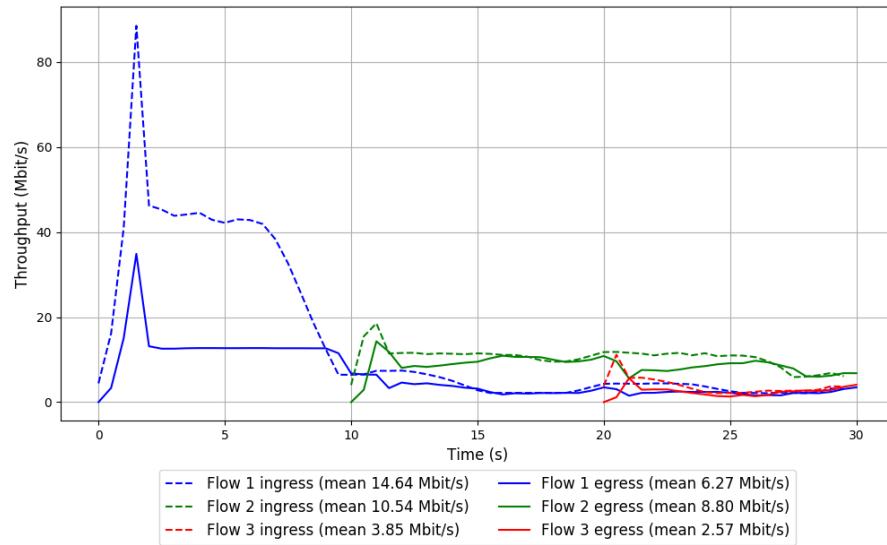


Run 4: Statistics of PCC-Expr

```
Start at: 2019-11-24 08:53:55
End at: 2019-11-24 08:54:25
Local clock offset: -0.916 ms
Remote clock offset: -9.257 ms

# Below is generated by plot.py at 2019-11-24 09:56:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 12.97 Mbit/s
95th percentile per-packet one-way delay: 49.624 ms
Loss rate: 43.43%
-- Flow 1:
Average throughput: 6.27 Mbit/s
95th percentile per-packet one-way delay: 47.756 ms
Loss rate: 57.19%
-- Flow 2:
Average throughput: 8.80 Mbit/s
95th percentile per-packet one-way delay: 49.673 ms
Loss rate: 16.53%
-- Flow 3:
Average throughput: 2.57 Mbit/s
95th percentile per-packet one-way delay: 49.670 ms
Loss rate: 33.33%
```

Run 4: Report of PCC-Expr — Data Link

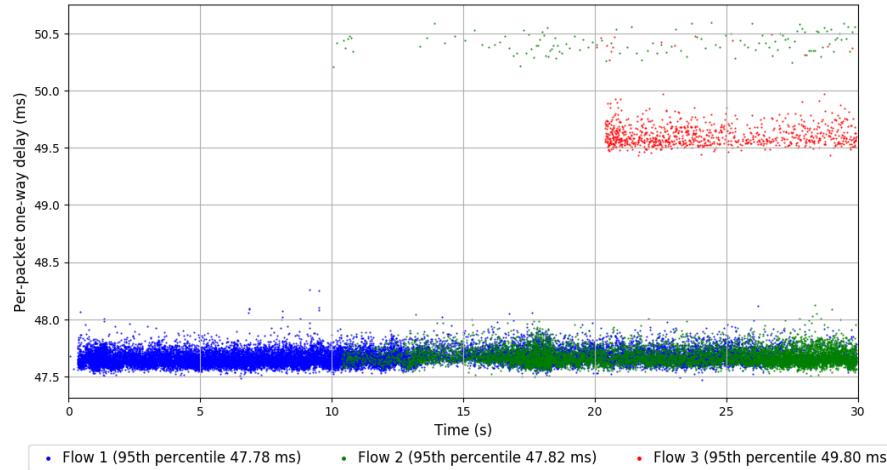
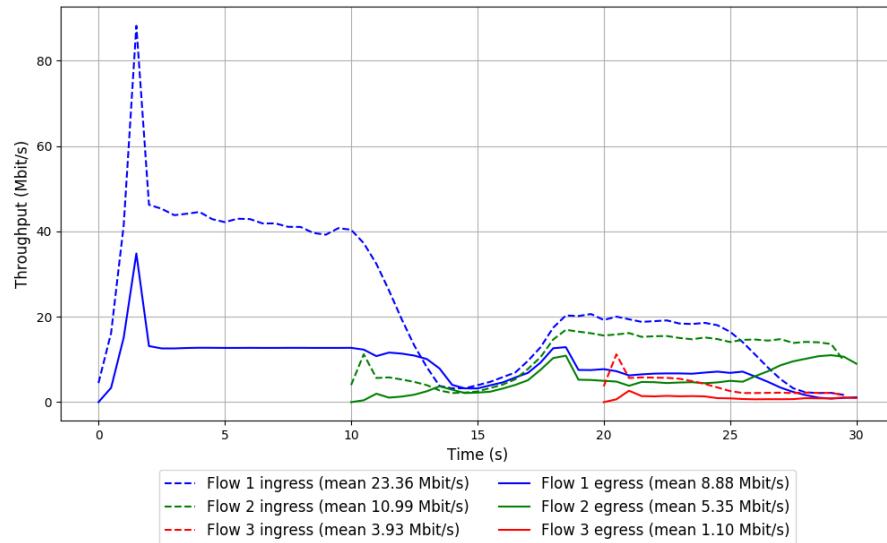


Run 5: Statistics of PCC-Expr

```
Start at: 2019-11-24 09:24:02
End at: 2019-11-24 09:24:32
Local clock offset: -0.188 ms
Remote clock offset: -8.229 ms

# Below is generated by plot.py at 2019-11-24 09:56:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 12.80 Mbit/s
95th percentile per-packet one-way delay: 47.834 ms
Loss rate: 59.94%
-- Flow 1:
Average throughput: 8.88 Mbit/s
95th percentile per-packet one-way delay: 47.780 ms
Loss rate: 61.98%
-- Flow 2:
Average throughput: 5.35 Mbit/s
95th percentile per-packet one-way delay: 47.819 ms
Loss rate: 51.31%
-- Flow 3:
Average throughput: 1.10 Mbit/s
95th percentile per-packet one-way delay: 49.797 ms
Loss rate: 71.98%
```

Run 5: Report of PCC-Expr — Data Link

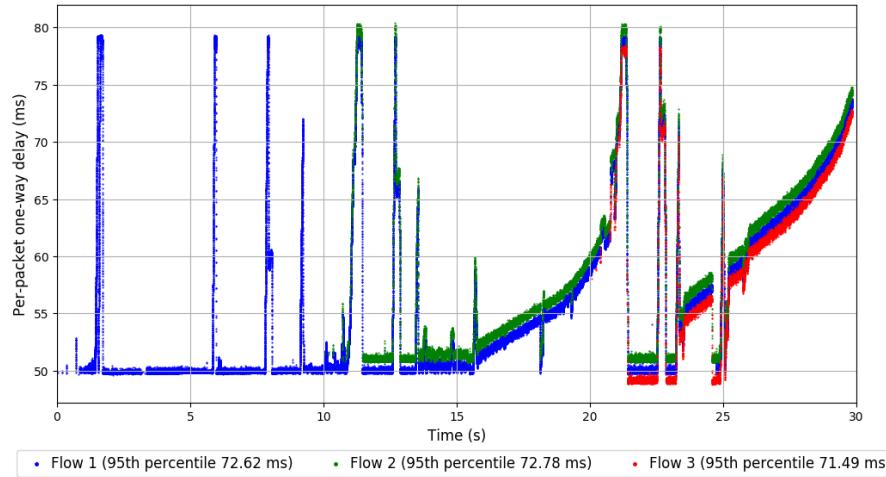
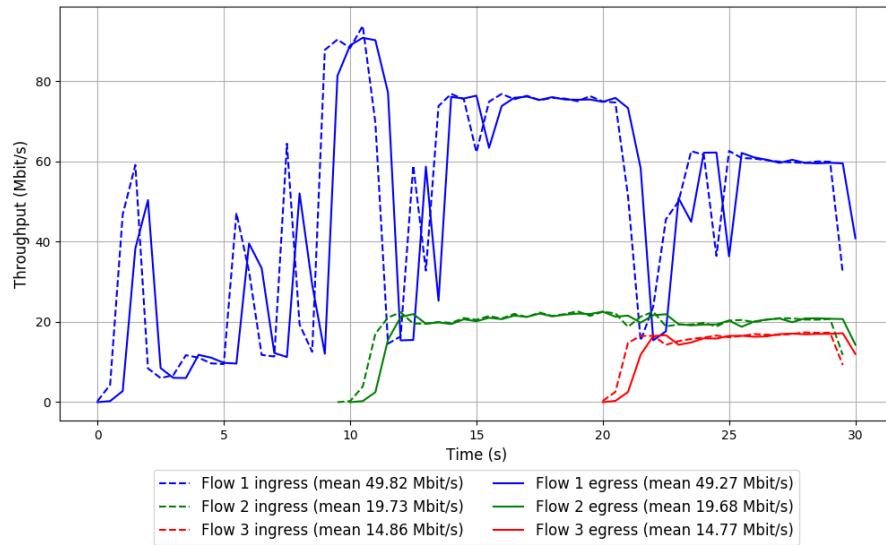


```
Run 1: Statistics of QUIC Cubic

Start at: 2019-11-24 07:16:34
End at: 2019-11-24 07:17:04
Local clock offset: -1.176 ms
Remote clock offset: -8.252 ms

# Below is generated by plot.py at 2019-11-24 09:57:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 67.18 Mbit/s
95th percentile per-packet one-way delay: 72.535 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 49.27 Mbit/s
95th percentile per-packet one-way delay: 72.617 ms
Loss rate: 1.03%
-- Flow 2:
Average throughput: 19.68 Mbit/s
95th percentile per-packet one-way delay: 72.784 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 14.77 Mbit/s
95th percentile per-packet one-way delay: 71.491 ms
Loss rate: 0.47%
```

Run 1: Report of QUIC Cubic — Data Link

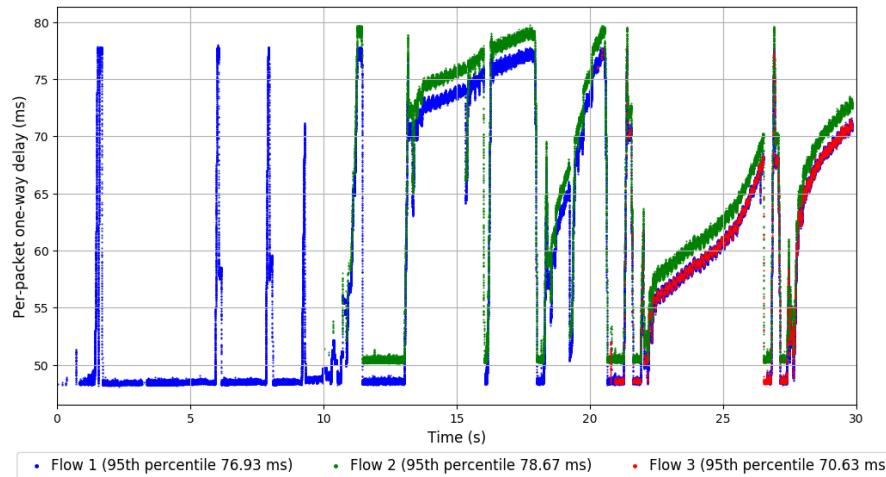
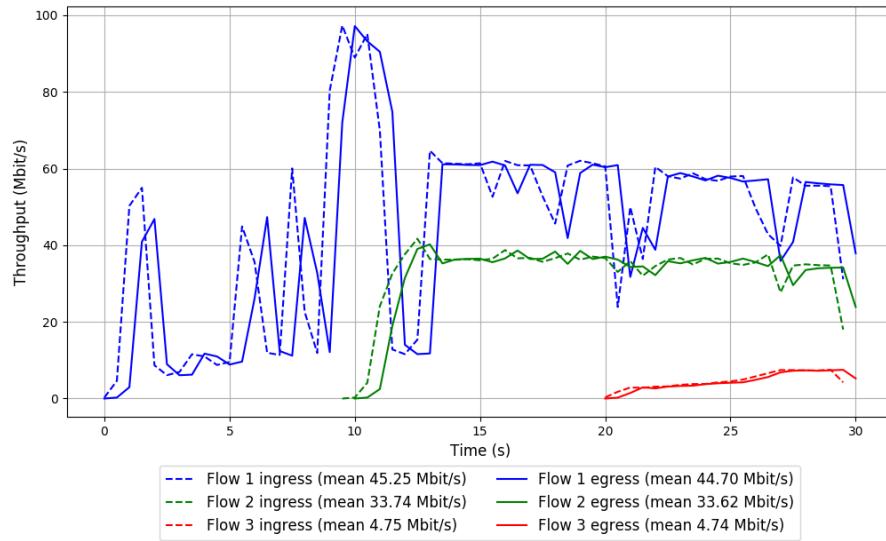


Run 2: Statistics of QUIC Cubic

```
Start at: 2019-11-24 07:46:28
End at: 2019-11-24 07:46:58
Local clock offset: 0.511 ms
Remote clock offset: -6.78 ms

# Below is generated by plot.py at 2019-11-24 09:57:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 68.58 Mbit/s
95th percentile per-packet one-way delay: 77.451 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 44.70 Mbit/s
95th percentile per-packet one-way delay: 76.929 ms
Loss rate: 1.14%
-- Flow 2:
Average throughput: 33.62 Mbit/s
95th percentile per-packet one-way delay: 78.675 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 4.74 Mbit/s
95th percentile per-packet one-way delay: 70.628 ms
Loss rate: 0.10%
```

Run 2: Report of QUIC Cubic — Data Link

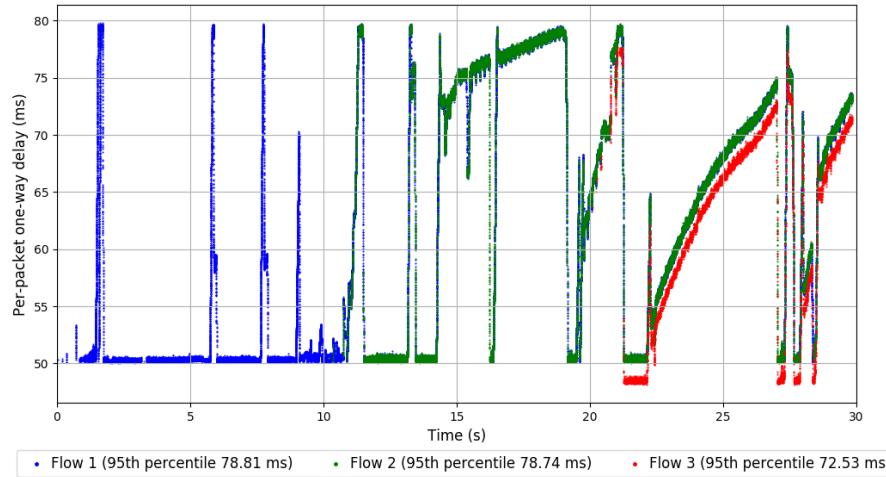
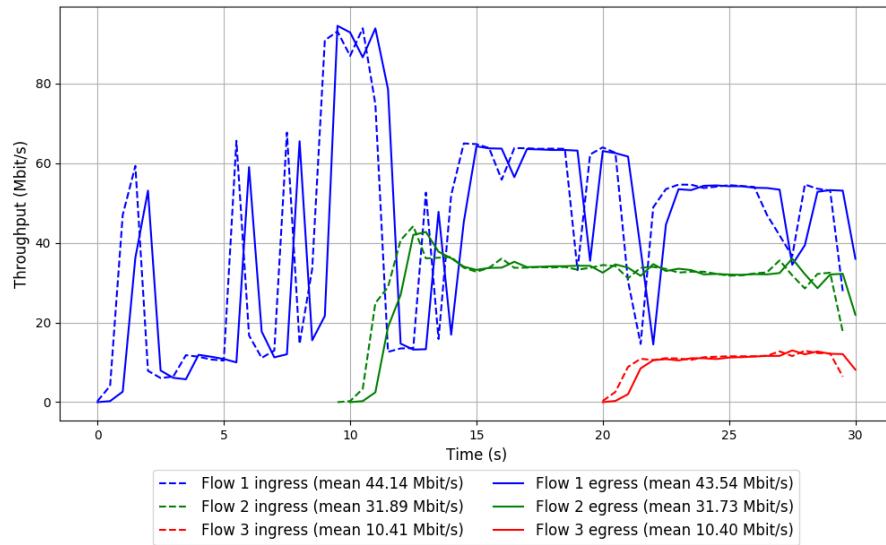


Run 3: Statistics of QUIC Cubic

```
Start at: 2019-11-24 08:16:27
End at: 2019-11-24 08:16:57
Local clock offset: 0.187 ms
Remote clock offset: -7.09 ms

# Below is generated by plot.py at 2019-11-24 09:57:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 68.02 Mbit/s
95th percentile per-packet one-way delay: 78.765 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 43.54 Mbit/s
95th percentile per-packet one-way delay: 78.811 ms
Loss rate: 1.28%
-- Flow 2:
Average throughput: 31.73 Mbit/s
95th percentile per-packet one-way delay: 78.739 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 10.40 Mbit/s
95th percentile per-packet one-way delay: 72.525 ms
Loss rate: 0.09%
```

Run 3: Report of QUIC Cubic — Data Link

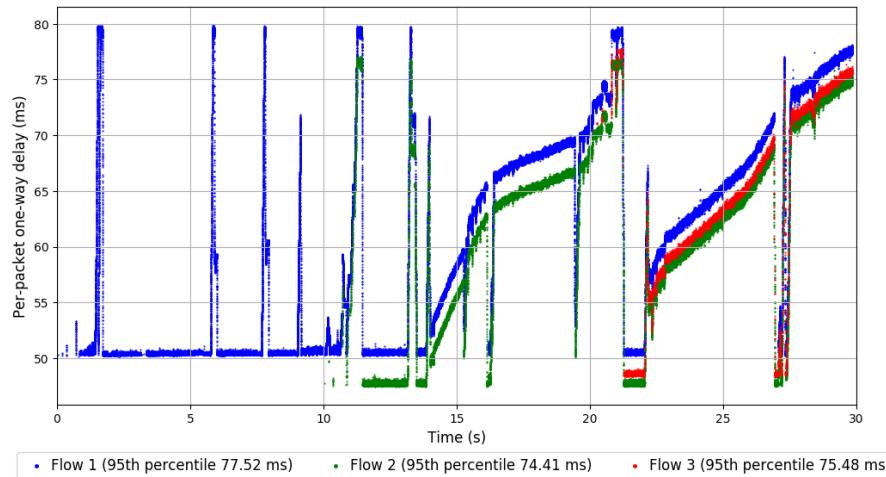
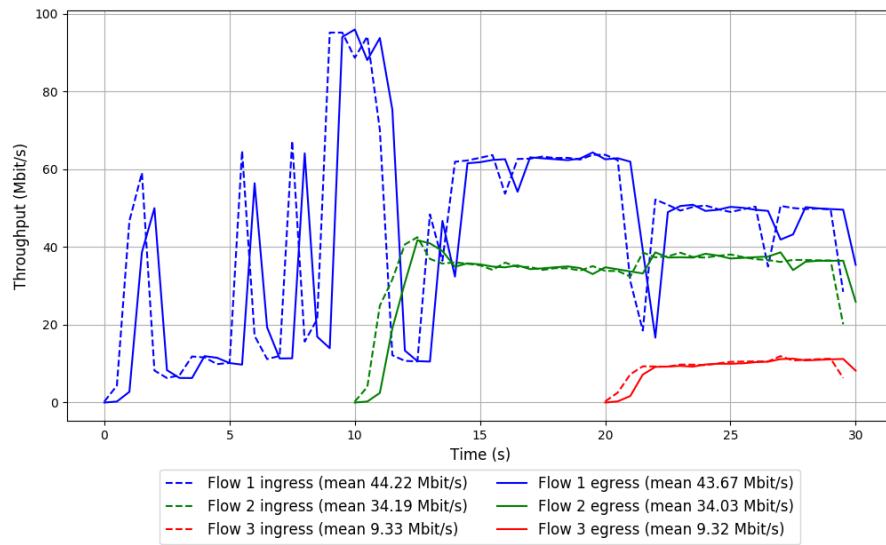


Run 4: Statistics of QUIC Cubic

```
Start at: 2019-11-24 08:46:26
End at: 2019-11-24 08:46:56
Local clock offset: -0.747 ms
Remote clock offset: -9.066 ms

# Below is generated by plot.py at 2019-11-24 09:57:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 69.33 Mbit/s
95th percentile per-packet one-way delay: 76.582 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 43.67 Mbit/s
95th percentile per-packet one-way delay: 77.517 ms
Loss rate: 1.16%
-- Flow 2:
Average throughput: 34.03 Mbit/s
95th percentile per-packet one-way delay: 74.406 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 9.32 Mbit/s
95th percentile per-packet one-way delay: 75.476 ms
Loss rate: 0.04%
```

Run 4: Report of QUIC Cubic — Data Link

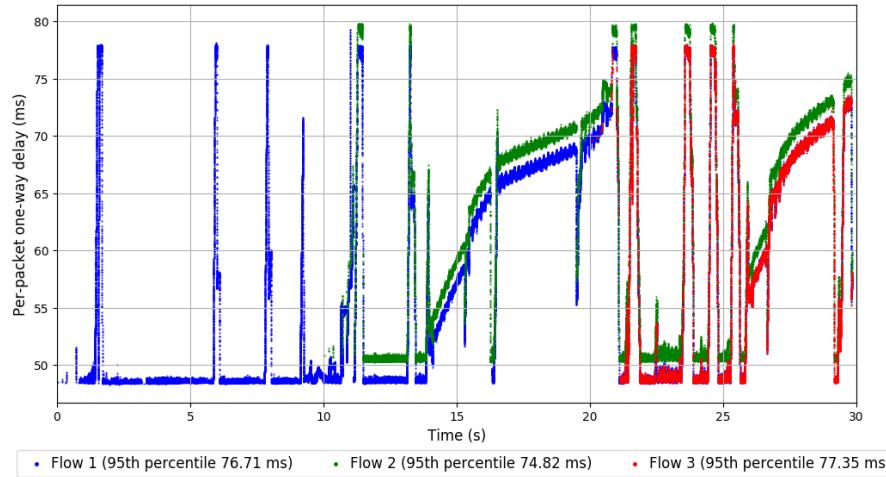
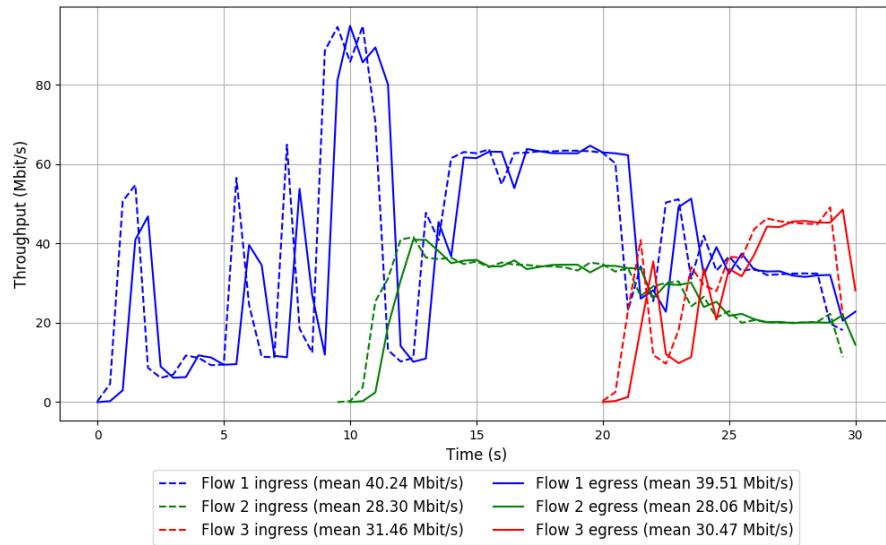


Run 5: Statistics of QUIC Cubic

```
Start at: 2019-11-24 09:16:32
End at: 2019-11-24 09:17:02
Local clock offset: -0.519 ms
Remote clock offset: -8.358 ms

# Below is generated by plot.py at 2019-11-24 09:57:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 68.10 Mbit/s
95th percentile per-packet one-way delay: 76.826 ms
Loss rate: 1.74%
-- Flow 1:
Average throughput: 39.51 Mbit/s
95th percentile per-packet one-way delay: 76.707 ms
Loss rate: 1.79%
-- Flow 2:
Average throughput: 28.06 Mbit/s
95th percentile per-packet one-way delay: 74.816 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 30.47 Mbit/s
95th percentile per-packet one-way delay: 77.351 ms
Loss rate: 3.27%
```

Run 5: Report of QUIC Cubic — Data Link

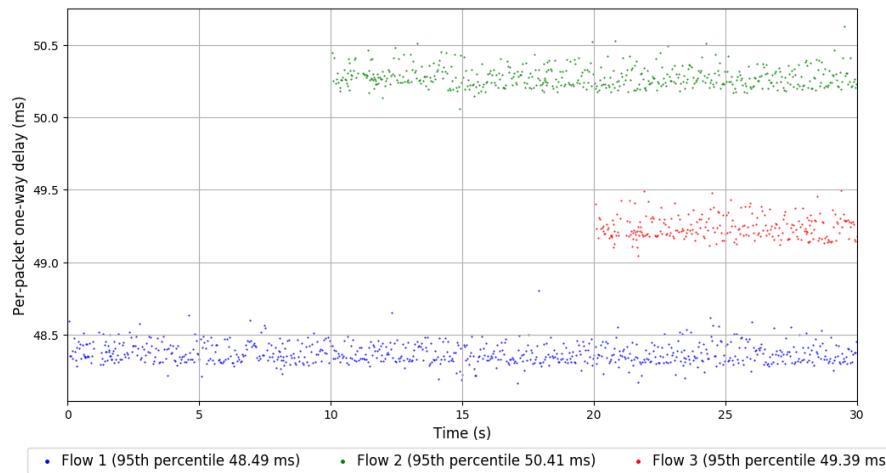
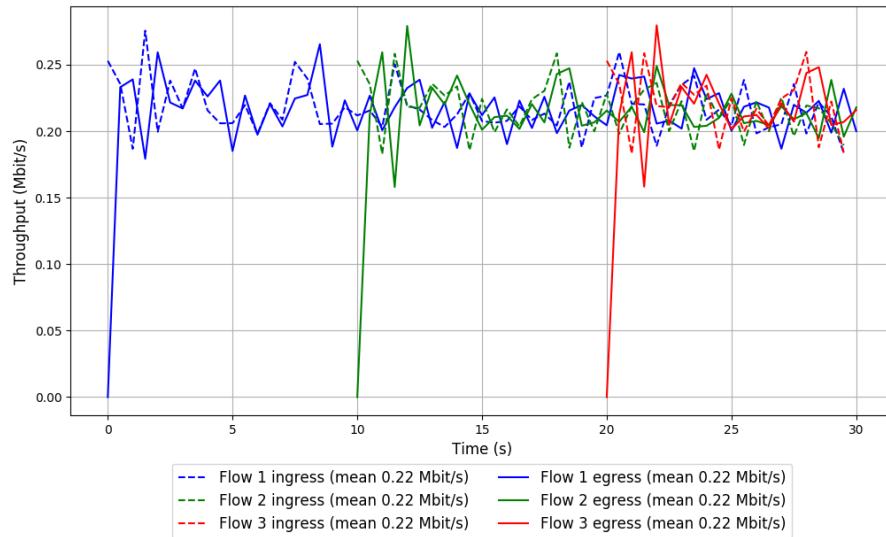


Run 1: Statistics of SCReAM

```
Start at: 2019-11-24 07:32:43
End at: 2019-11-24 07:33:13
Local clock offset: -0.745 ms
Remote clock offset: -7.364 ms

# Below is generated by plot.py at 2019-11-24 09:57:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 50.352 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.490 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.411 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.387 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

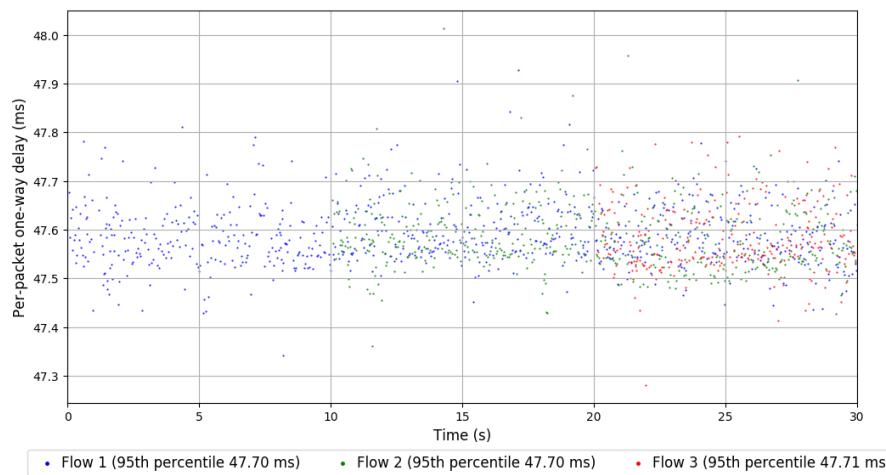
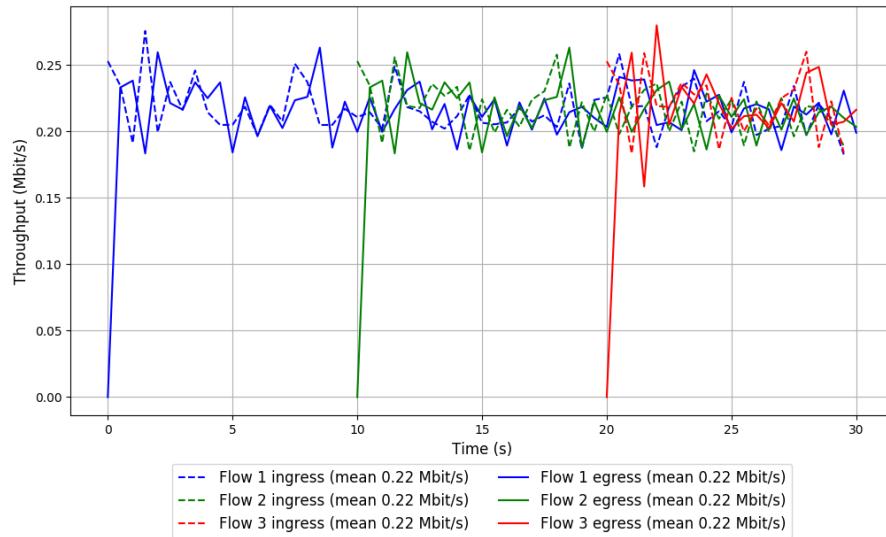


Run 2: Statistics of SCReAM

```
Start at: 2019-11-24 08:02:38
End at: 2019-11-24 08:03:08
Local clock offset: 0.959 ms
Remote clock offset: -7.308 ms

# Below is generated by plot.py at 2019-11-24 09:57:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 47.704 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 47.704 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 47.700 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 47.713 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

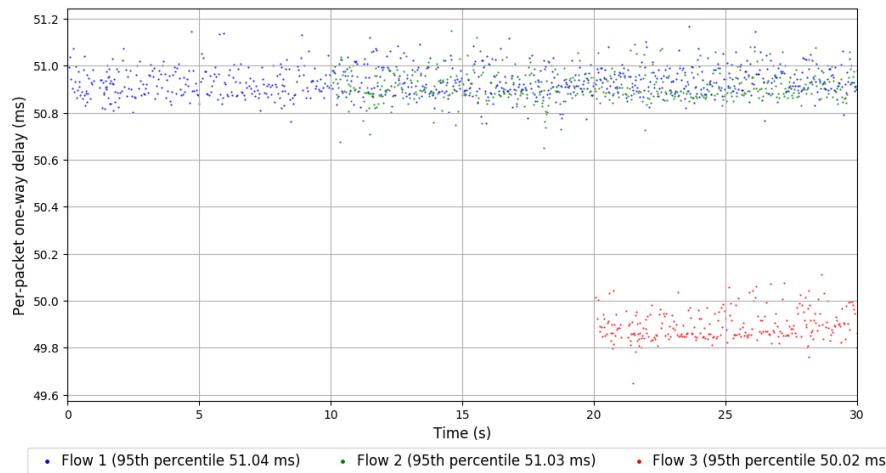
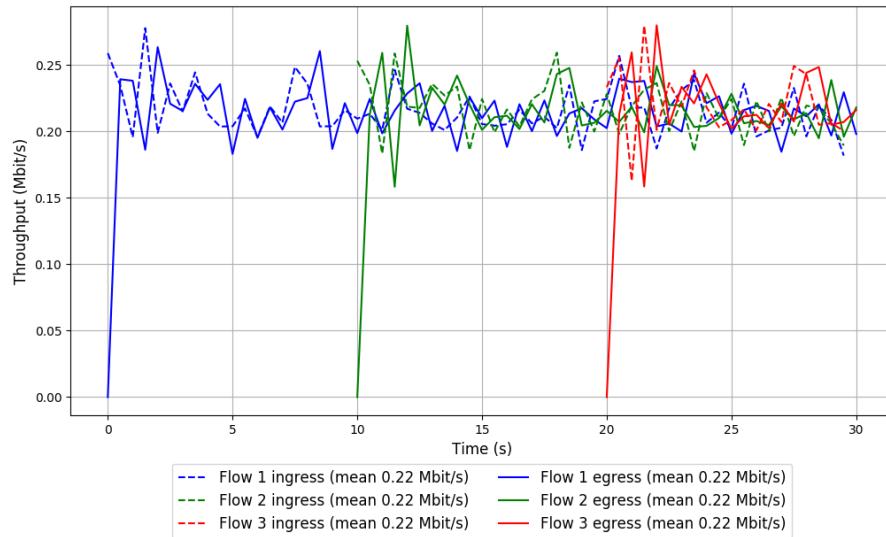


Run 3: Statistics of SCReAM

```
Start at: 2019-11-24 08:32:37
End at: 2019-11-24 08:33:07
Local clock offset: -1.278 ms
Remote clock offset: -8.002 ms

# Below is generated by plot.py at 2019-11-24 09:57:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 51.029 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 51.038 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 51.028 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.016 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

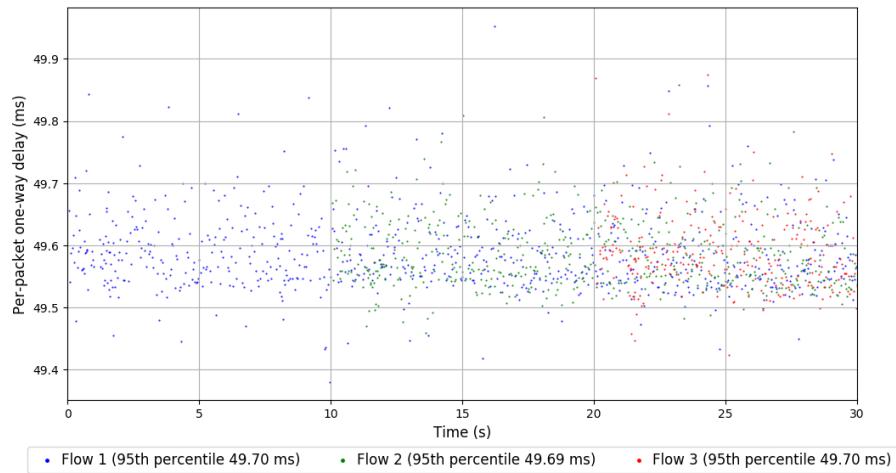
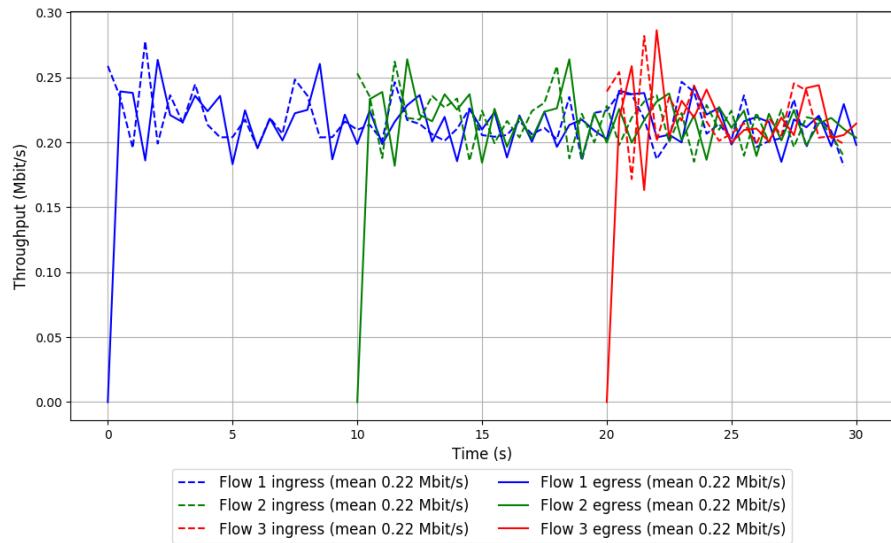


Run 4: Statistics of SCReAM

```
Start at: 2019-11-24 09:02:35
End at: 2019-11-24 09:03:05
Local clock offset: -1.011 ms
Remote clock offset: -8.664 ms

# Below is generated by plot.py at 2019-11-24 09:57:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 49.695 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.697 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.686 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.696 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

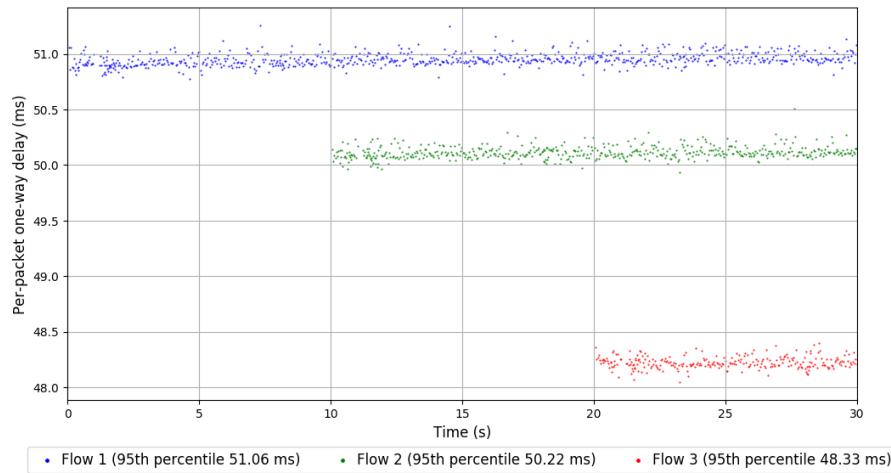
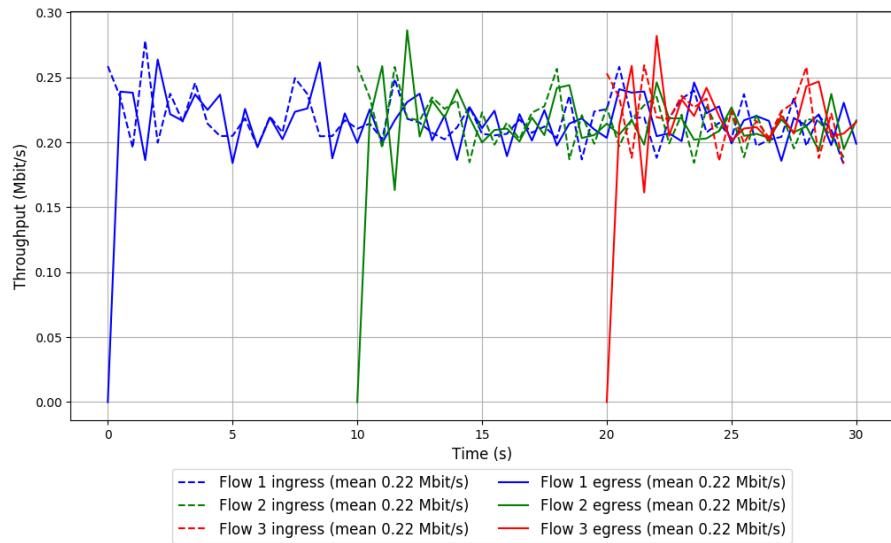


Run 5: Statistics of SCReAM

```
Start at: 2019-11-24 09:32:43
End at: 2019-11-24 09:33:13
Local clock offset: -0.051 ms
Remote clock offset: -8.248 ms

# Below is generated by plot.py at 2019-11-24 09:57:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 51.027 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 51.057 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.217 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.327 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

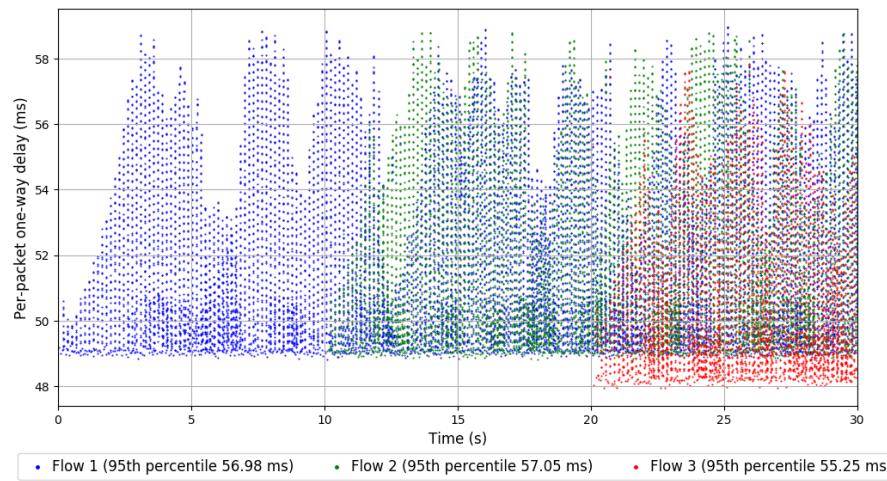
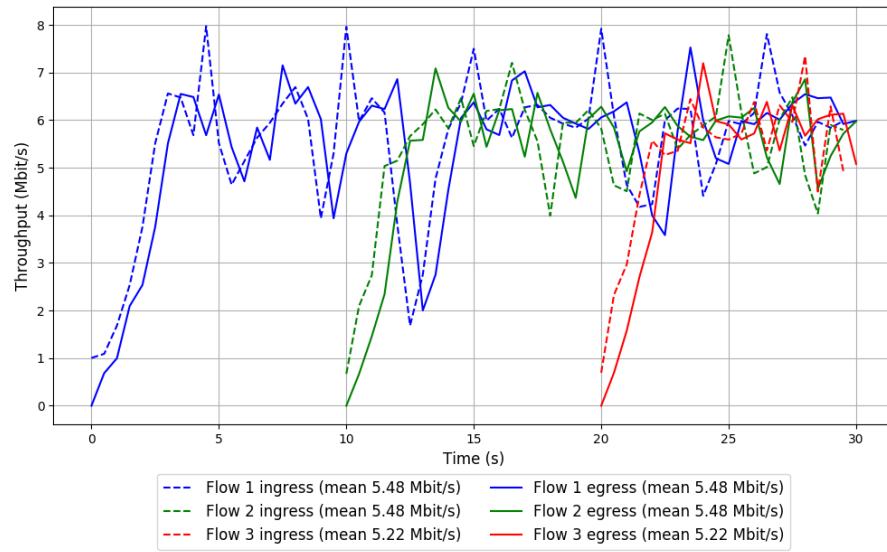


Run 1: Statistics of Sprout

```
Start at: 2019-11-24 07:29:00
End at: 2019-11-24 07:29:30
Local clock offset: -0.055 ms
Remote clock offset: -6.957 ms

# Below is generated by plot.py at 2019-11-24 09:57:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 10.84 Mbit/s
95th percentile per-packet one-way delay: 56.850 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.48 Mbit/s
95th percentile per-packet one-way delay: 56.975 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 5.48 Mbit/s
95th percentile per-packet one-way delay: 57.050 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 5.22 Mbit/s
95th percentile per-packet one-way delay: 55.253 ms
Loss rate: 0.00%
```

Run 1: Report of Sprout — Data Link

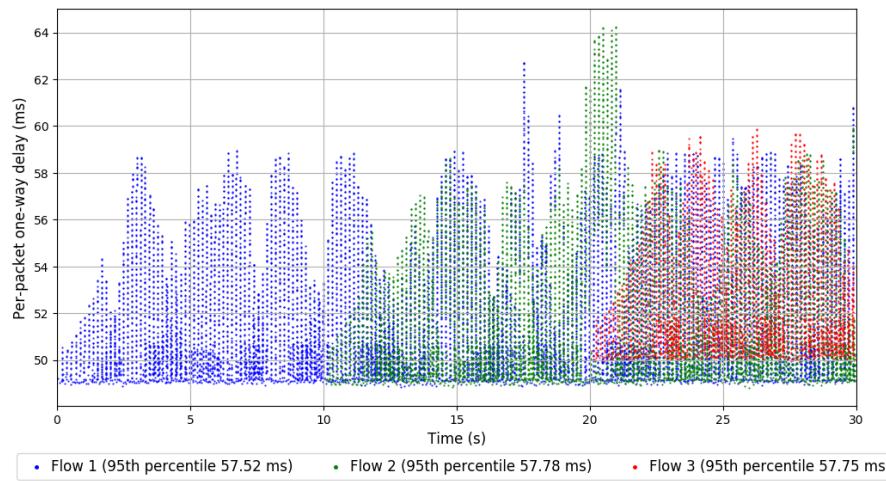
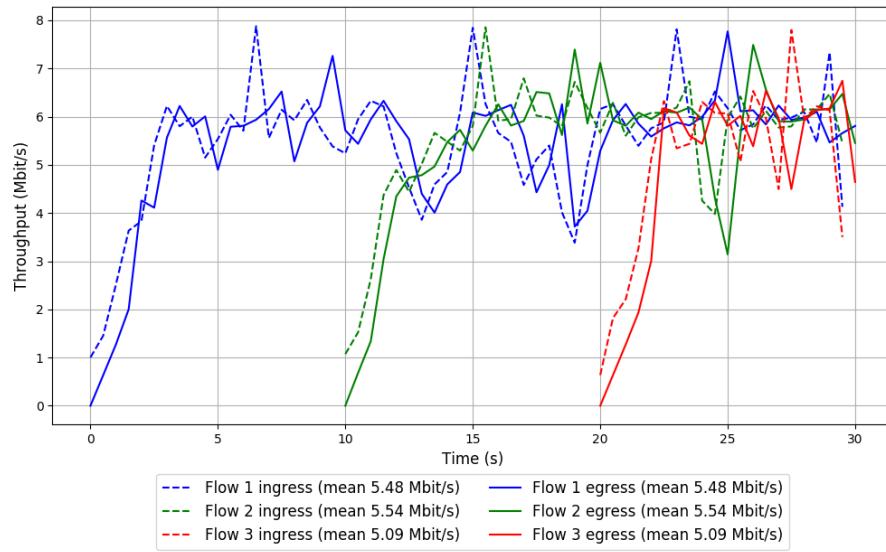


Run 2: Statistics of Sprout

```
Start at: 2019-11-24 07:58:55
End at: 2019-11-24 07:59:25
Local clock offset: 0.89 ms
Remote clock offset: -6.543 ms

# Below is generated by plot.py at 2019-11-24 09:57:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 10.84 Mbit/s
95th percentile per-packet one-way delay: 57.640 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.48 Mbit/s
95th percentile per-packet one-way delay: 57.524 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 5.54 Mbit/s
95th percentile per-packet one-way delay: 57.785 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 5.09 Mbit/s
95th percentile per-packet one-way delay: 57.749 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

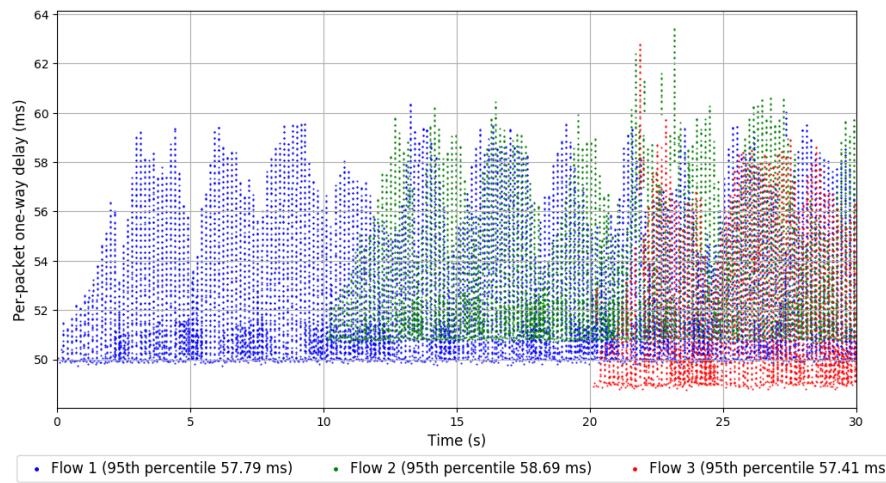
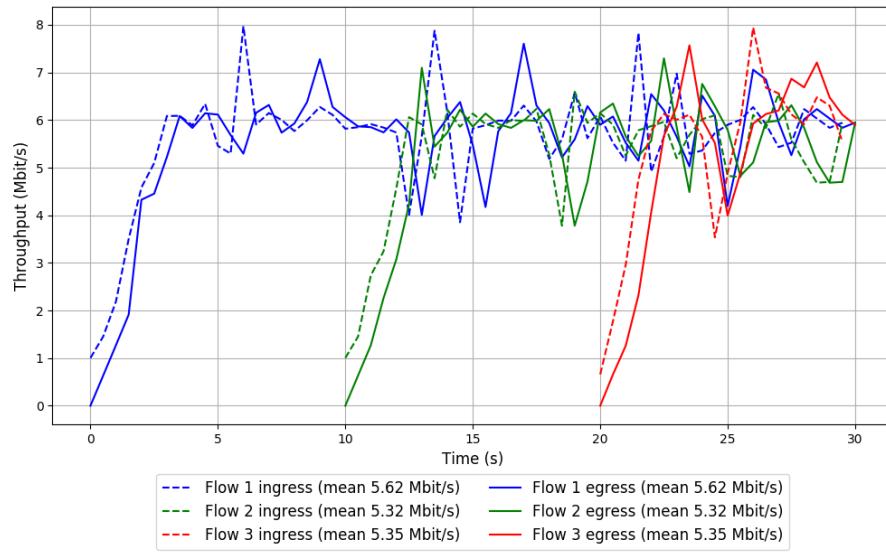


Run 3: Statistics of Sprout

```
Start at: 2019-11-24 08:28:53
End at: 2019-11-24 08:29:23
Local clock offset: -0.439 ms
Remote clock offset: -7.801 ms

# Below is generated by plot.py at 2019-11-24 09:57:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 10.93 Mbit/s
95th percentile per-packet one-way delay: 58.077 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.62 Mbit/s
95th percentile per-packet one-way delay: 57.787 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 5.32 Mbit/s
95th percentile per-packet one-way delay: 58.693 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 5.35 Mbit/s
95th percentile per-packet one-way delay: 57.411 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

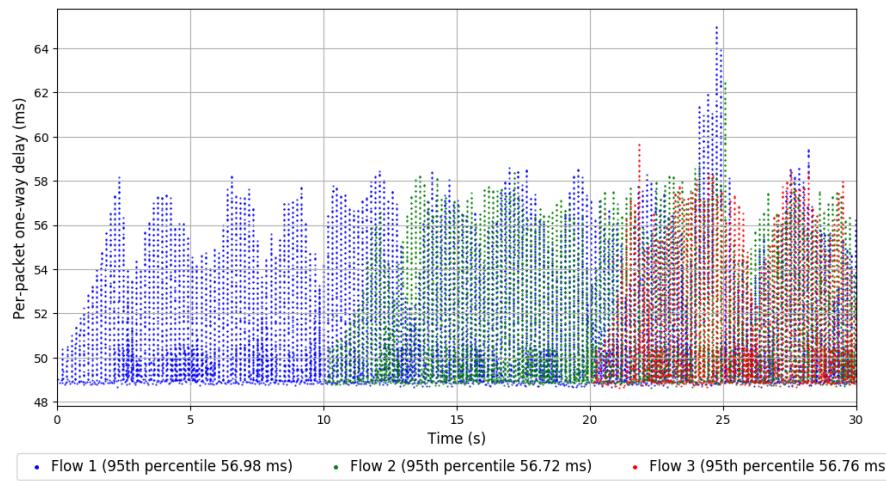
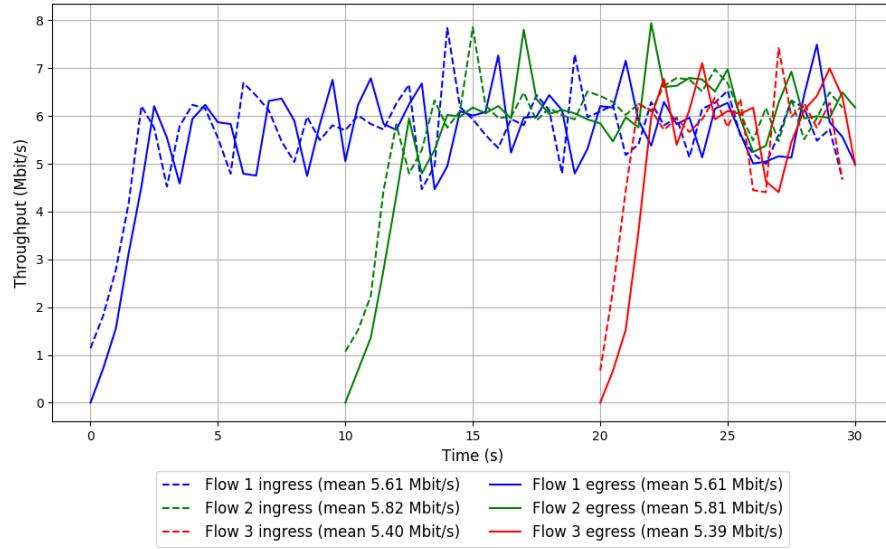


Run 4: Statistics of Sprout

```
Start at: 2019-11-24 08:58:52
End at: 2019-11-24 08:59:22
Local clock offset: -1.728 ms
Remote clock offset: -8.303 ms

# Below is generated by plot.py at 2019-11-24 09:57:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 11.26 Mbit/s
95th percentile per-packet one-way delay: 56.841 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.61 Mbit/s
95th percentile per-packet one-way delay: 56.980 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 5.81 Mbit/s
95th percentile per-packet one-way delay: 56.723 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 5.39 Mbit/s
95th percentile per-packet one-way delay: 56.757 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

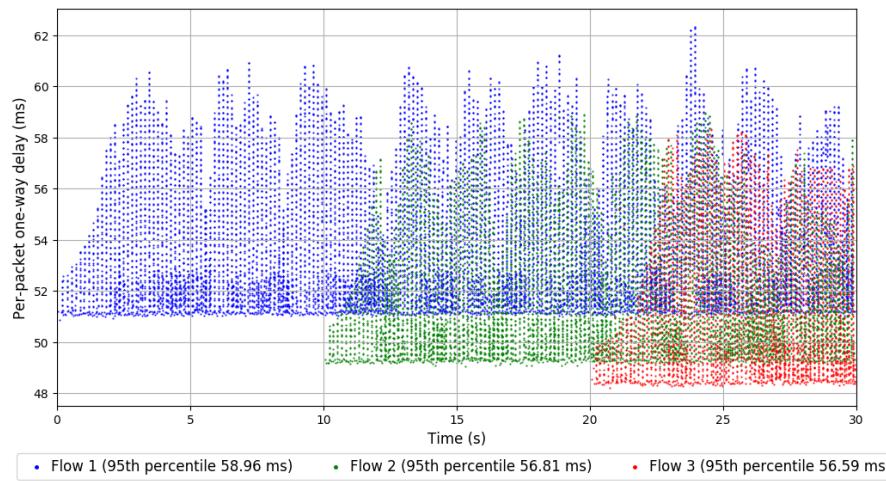
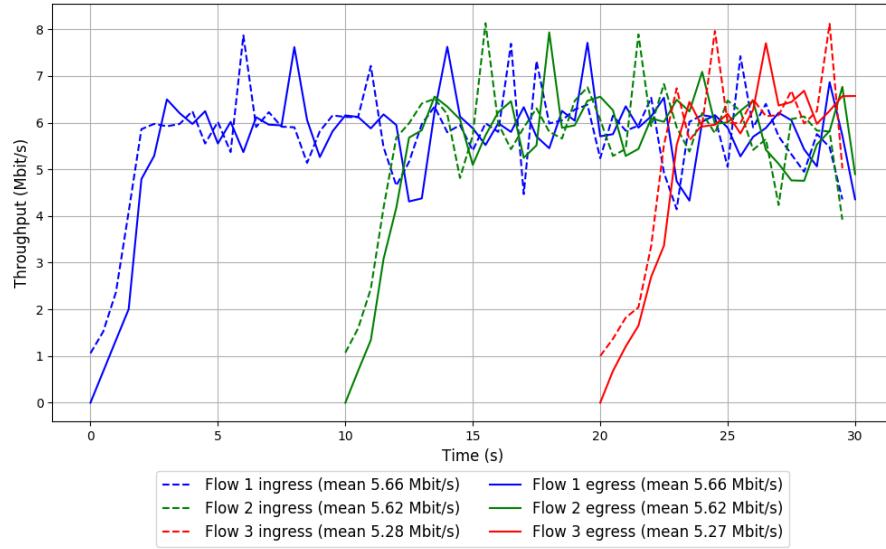


Run 5: Statistics of Sprout

```
Start at: 2019-11-24 09:29:00
End at: 2019-11-24 09:29:30
Local clock offset: -0.834 ms
Remote clock offset: -8.247 ms

# Below is generated by plot.py at 2019-11-24 09:57:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 11.14 Mbit/s
95th percentile per-packet one-way delay: 58.238 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.66 Mbit/s
95th percentile per-packet one-way delay: 58.958 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 5.62 Mbit/s
95th percentile per-packet one-way delay: 56.811 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 5.27 Mbit/s
95th percentile per-packet one-way delay: 56.591 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

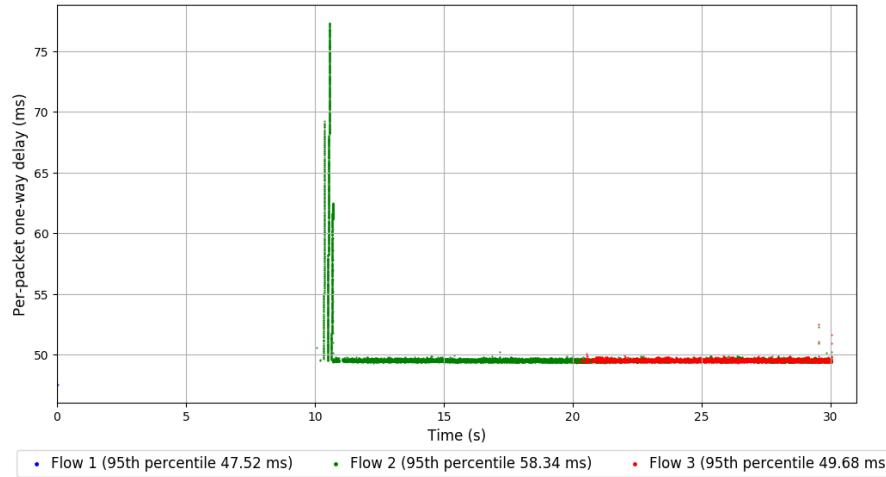
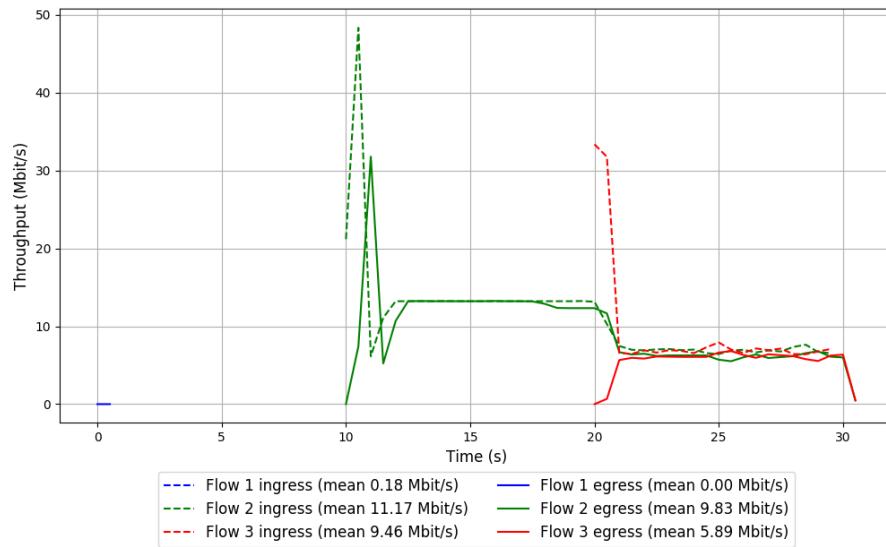


Run 1: Statistics of TaoVA-100x

```
Start at: 2019-11-24 07:19:06
End at: 2019-11-24 07:19:36
Local clock offset: -0.309 ms
Remote clock offset: -8.572 ms

# Below is generated by plot.py at 2019-11-24 09:57:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.50 Mbit/s
95th percentile per-packet one-way delay: 54.616 ms
Loss rate: 19.67%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 47.516 ms
Loss rate: 95.92%
-- Flow 2:
Average throughput: 9.83 Mbit/s
95th percentile per-packet one-way delay: 58.335 ms
Loss rate: 12.02%
-- Flow 3:
Average throughput: 5.89 Mbit/s
95th percentile per-packet one-way delay: 49.680 ms
Loss rate: 37.74%
```

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

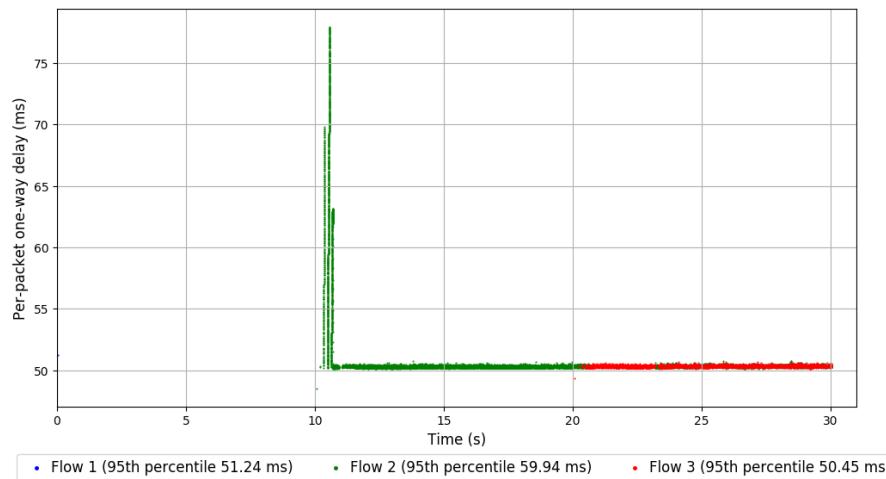
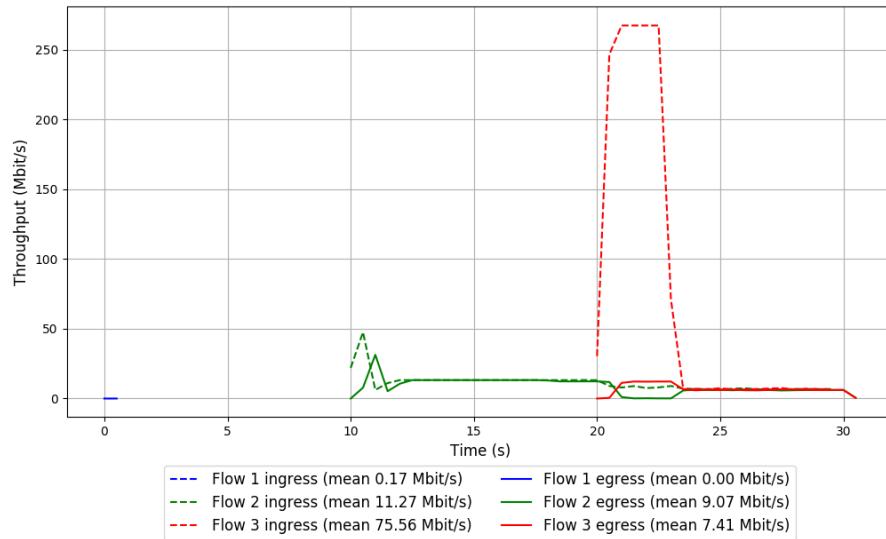


Run 2: Statistics of TaoVA-100x

```
Start at: 2019-11-24 07:49:00
End at: 2019-11-24 07:49:30
Local clock offset: -0.154 ms
Remote clock offset: -6.96 ms

# Below is generated by plot.py at 2019-11-24 09:57:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.50 Mbit/s
95th percentile per-packet one-way delay: 55.189 ms
Loss rate: 73.94%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 51.242 ms
Loss rate: 95.92%
-- Flow 2:
Average throughput: 9.07 Mbit/s
95th percentile per-packet one-way delay: 59.937 ms
Loss rate: 19.55%
-- Flow 3:
Average throughput: 7.41 Mbit/s
95th percentile per-packet one-way delay: 50.449 ms
Loss rate: 90.19%
```

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

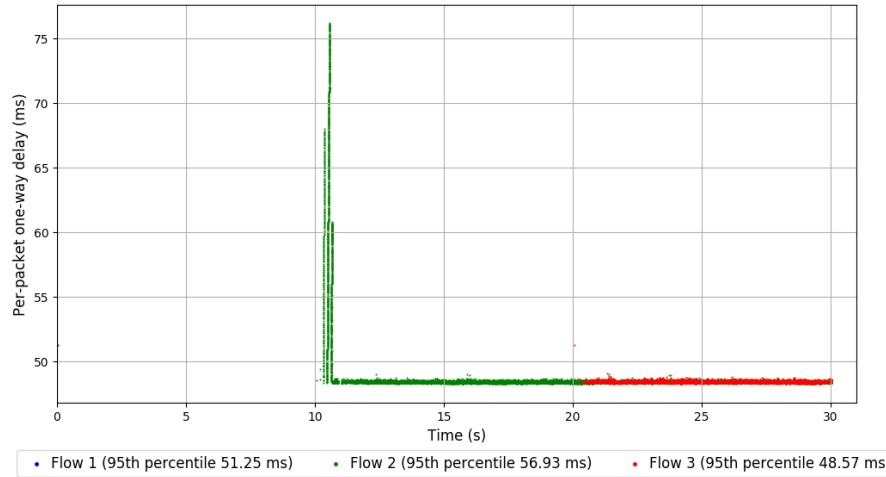
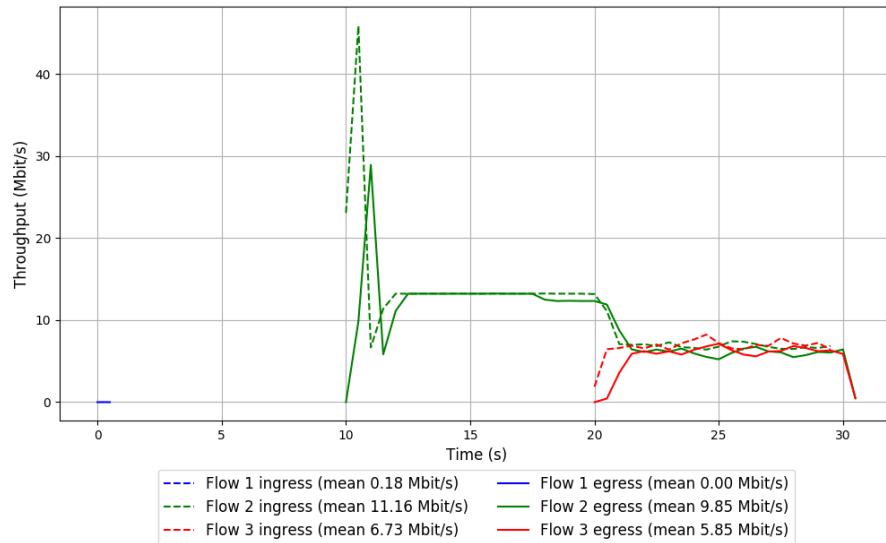


Run 3: Statistics of TaoVA-100x

```
Start at: 2019-11-24 08:18:59
End at: 2019-11-24 08:19:29
Local clock offset: -0.847 ms
Remote clock offset: -6.974 ms

# Below is generated by plot.py at 2019-11-24 09:57:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.51 Mbit/s
95th percentile per-packet one-way delay: 53.262 ms
Loss rate: 12.09%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 51.254 ms
Loss rate: 95.92%
-- Flow 2:
Average throughput: 9.85 Mbit/s
95th percentile per-packet one-way delay: 56.934 ms
Loss rate: 11.78%
-- Flow 3:
Average throughput: 5.85 Mbit/s
95th percentile per-packet one-way delay: 48.570 ms
Loss rate: 13.10%
```

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

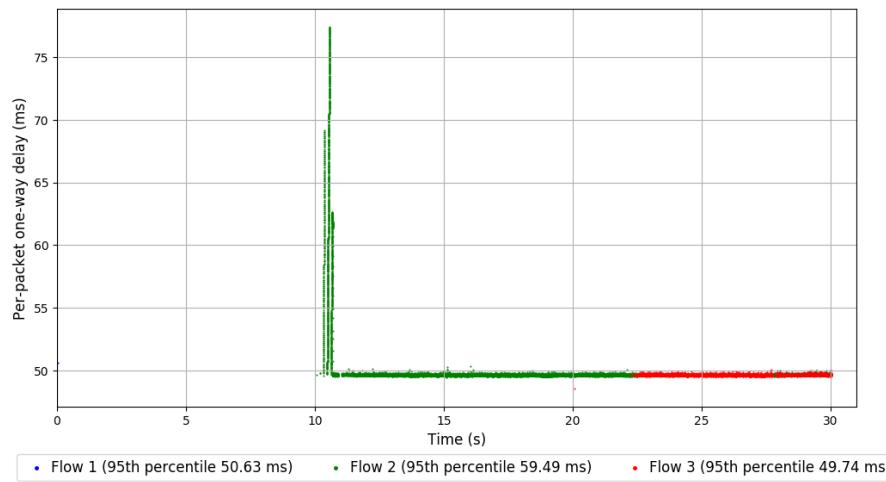
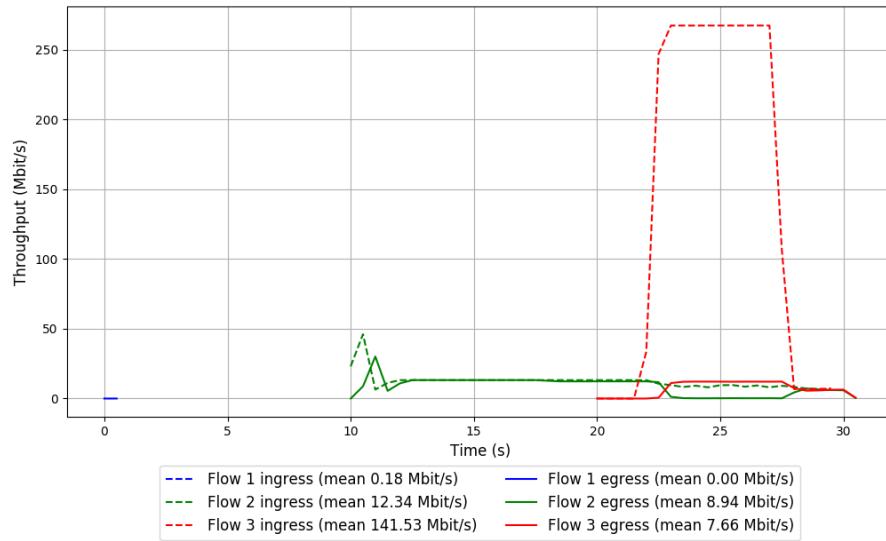


Run 4: Statistics of TaoVA-100x

```
Start at: 2019-11-24 08:48:57
End at: 2019-11-24 08:49:28
Local clock offset: -0.869 ms
Remote clock offset: -9.108 ms

# Below is generated by plot.py at 2019-11-24 09:57:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.50 Mbit/s
95th percentile per-packet one-way delay: 54.567 ms
Loss rate: 84.61%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 50.633 ms
Loss rate: 95.92%
-- Flow 2:
Average throughput: 8.94 Mbit/s
95th percentile per-packet one-way delay: 59.488 ms
Loss rate: 27.54%
-- Flow 3:
Average throughput: 7.66 Mbit/s
95th percentile per-packet one-way delay: 49.741 ms
Loss rate: 94.59%
```

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

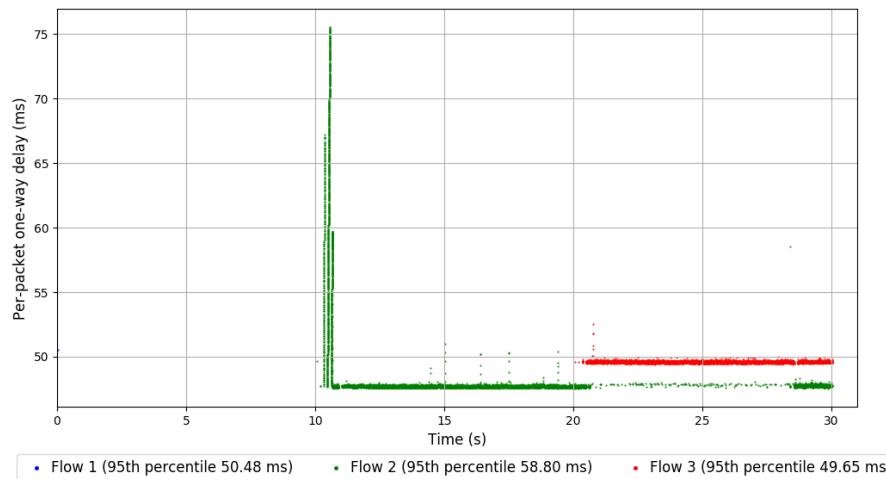
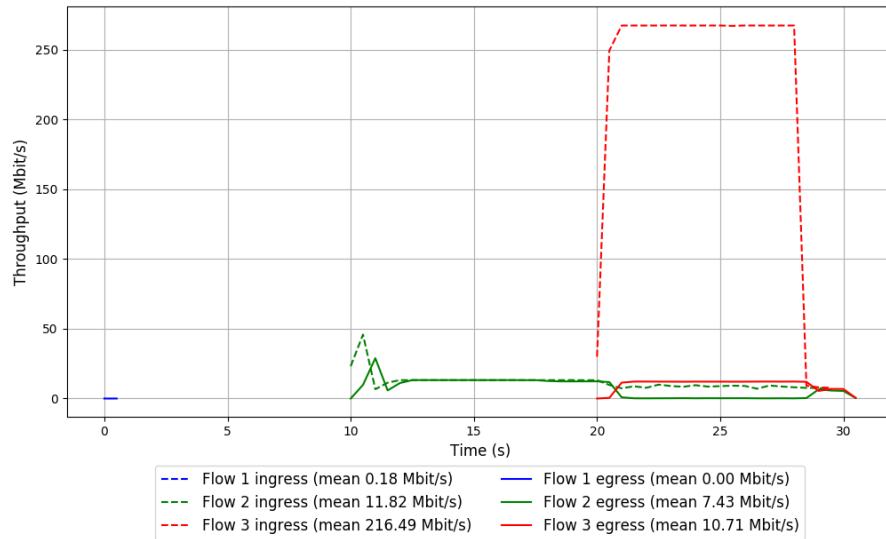


Run 5: Statistics of TaoVA-100x

```
Start at: 2019-11-24 09:19:04
End at: 2019-11-24 09:19:34
Local clock offset: -0.345 ms
Remote clock offset: -8.324 ms

# Below is generated by plot.py at 2019-11-24 09:57:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.51 Mbit/s
95th percentile per-packet one-way delay: 52.511 ms
Loss rate: 89.35%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 50.485 ms
Loss rate: 95.92%
-- Flow 2:
Average throughput: 7.43 Mbit/s
95th percentile per-packet one-way delay: 58.798 ms
Loss rate: 37.17%
-- Flow 3:
Average throughput: 10.71 Mbit/s
95th percentile per-packet one-way delay: 49.654 ms
Loss rate: 95.06%
```

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

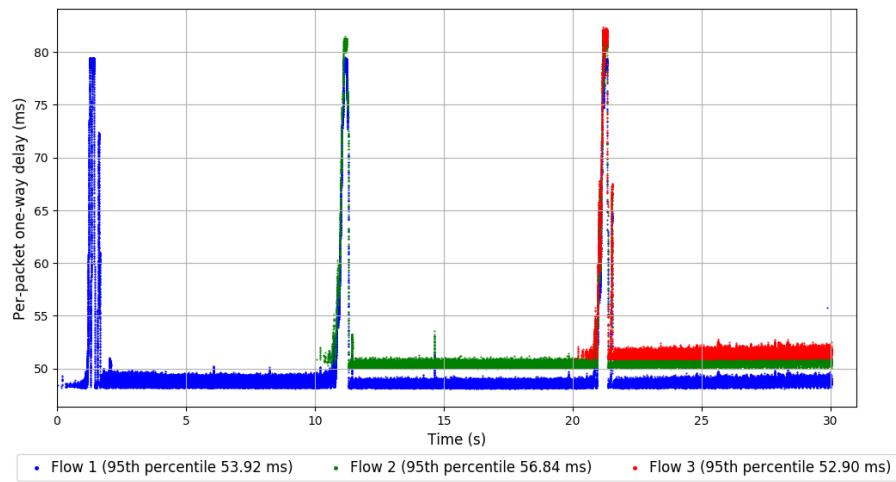
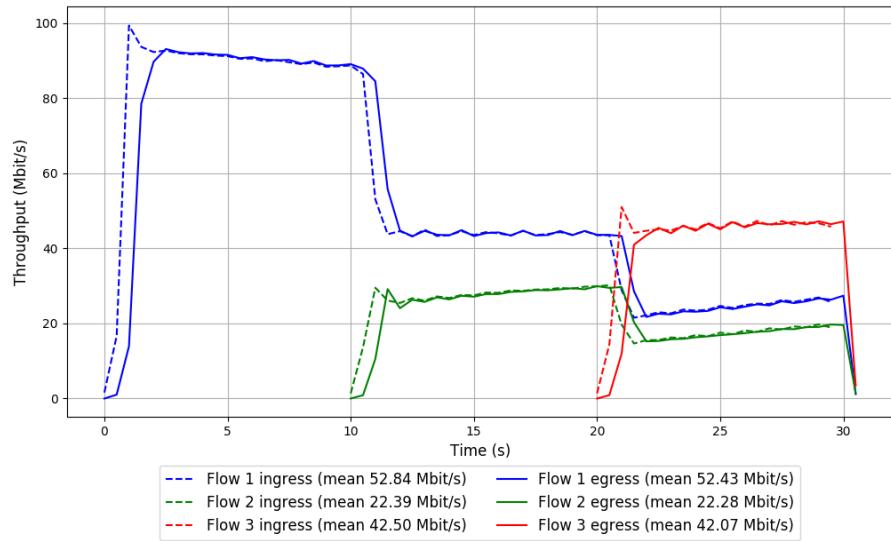


Run 1: Statistics of TCP Vegas

```
Start at: 2019-11-24 07:30:12
End at: 2019-11-24 07:30:42
Local clock offset: -0.762 ms
Remote clock offset: -7.571 ms

# Below is generated by plot.py at 2019-11-24 09:58:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 81.27 Mbit/s
95th percentile per-packet one-way delay: 54.170 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 52.43 Mbit/s
95th percentile per-packet one-way delay: 53.918 ms
Loss rate: 0.78%
-- Flow 2:
Average throughput: 22.28 Mbit/s
95th percentile per-packet one-way delay: 56.835 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 42.07 Mbit/s
95th percentile per-packet one-way delay: 52.896 ms
Loss rate: 1.02%
```

Run 1: Report of TCP Vegas — Data Link

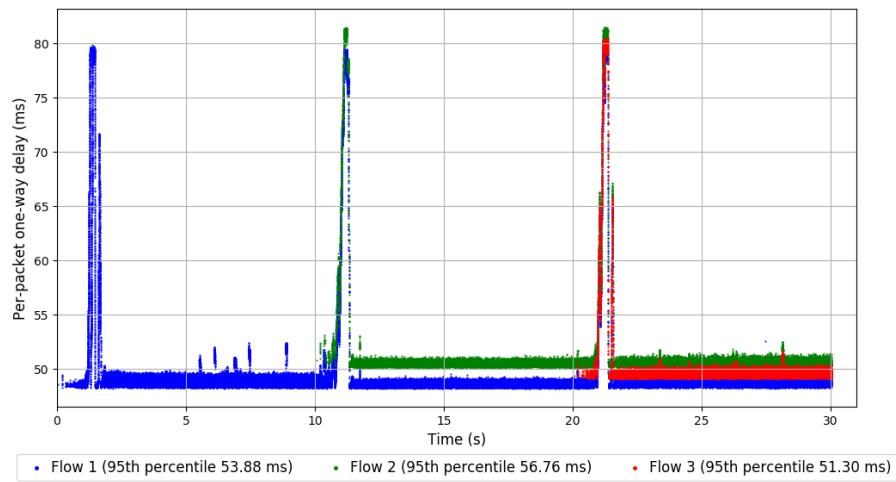
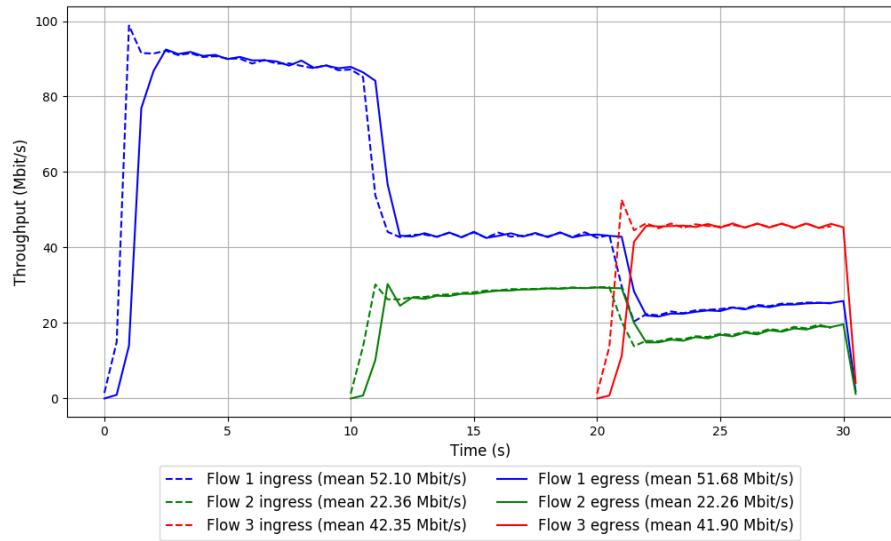


Run 2: Statistics of TCP Vegas

```
Start at: 2019-11-24 08:00:07
End at: 2019-11-24 08:00:37
Local clock offset: 0.165 ms
Remote clock offset: -7.238 ms

# Below is generated by plot.py at 2019-11-24 09:58:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 80.44 Mbit/s
95th percentile per-packet one-way delay: 54.005 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 51.68 Mbit/s
95th percentile per-packet one-way delay: 53.884 ms
Loss rate: 0.80%
-- Flow 2:
Average throughput: 22.26 Mbit/s
95th percentile per-packet one-way delay: 56.764 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 41.90 Mbit/s
95th percentile per-packet one-way delay: 51.304 ms
Loss rate: 1.04%
```

Run 2: Report of TCP Vegas — Data Link

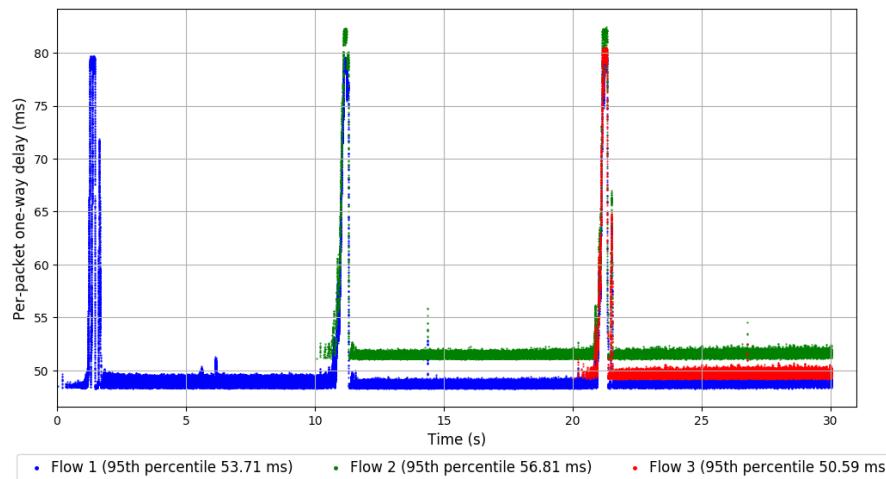
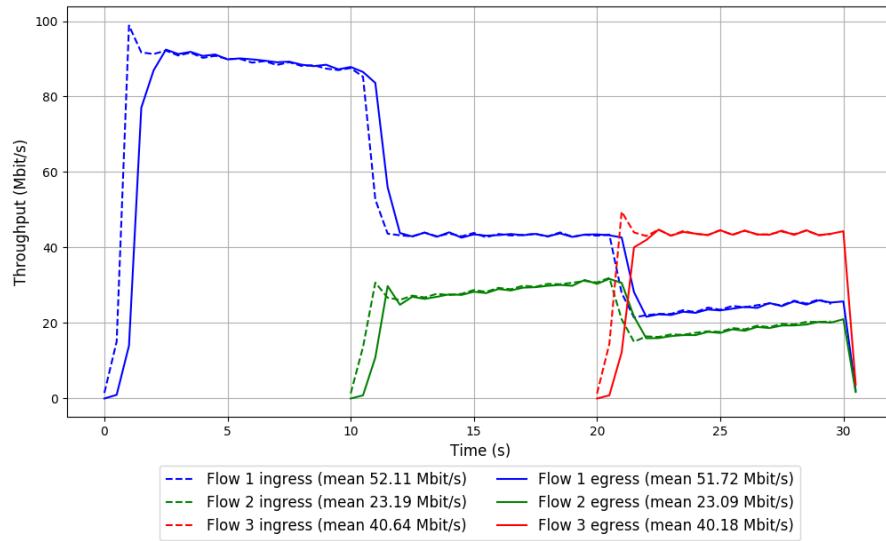


Run 3: Statistics of TCP Vegas

```
Start at: 2019-11-24 08:30:05
End at: 2019-11-24 08:30:35
Local clock offset: -1.282 ms
Remote clock offset: -8.429 ms

# Below is generated by plot.py at 2019-11-24 09:58:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 80.45 Mbit/s
95th percentile per-packet one-way delay: 53.888 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 51.72 Mbit/s
95th percentile per-packet one-way delay: 53.714 ms
Loss rate: 0.76%
-- Flow 2:
Average throughput: 23.09 Mbit/s
95th percentile per-packet one-way delay: 56.811 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 40.18 Mbit/s
95th percentile per-packet one-way delay: 50.592 ms
Loss rate: 1.13%
```

Run 3: Report of TCP Vegas — Data Link

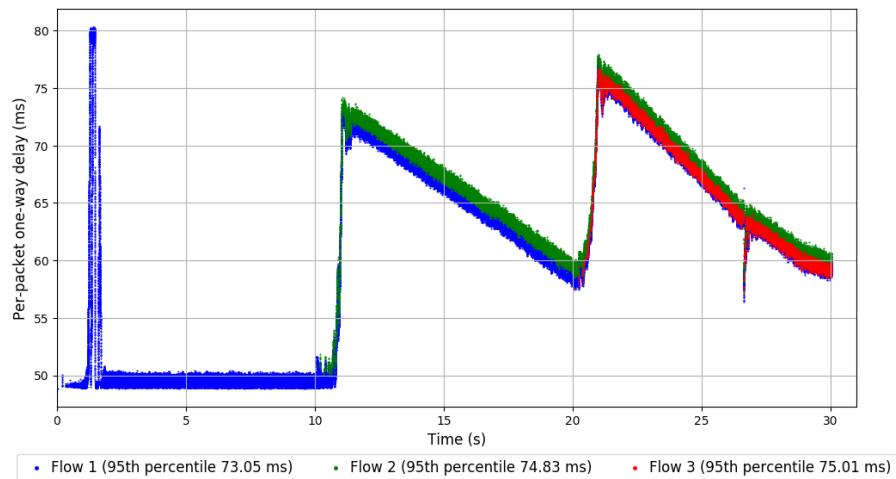
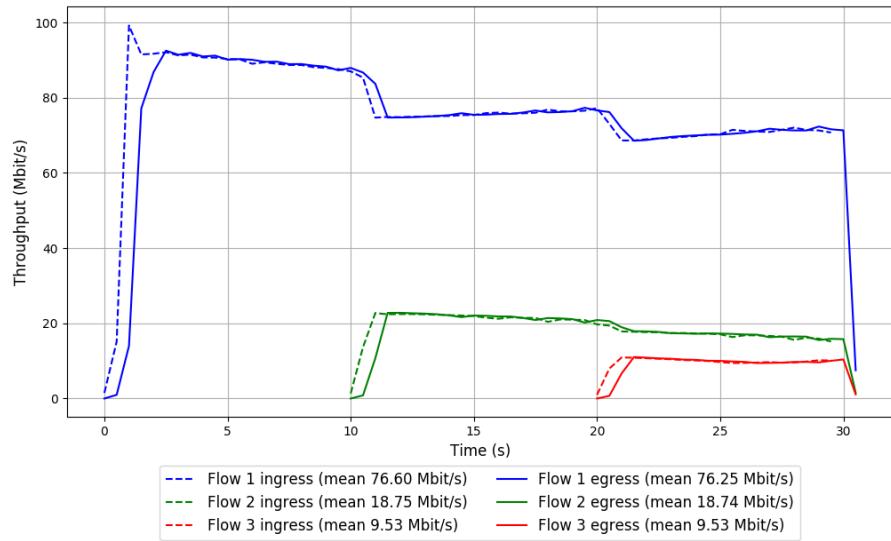


Run 4: Statistics of TCP Vegas

```
Start at: 2019-11-24 09:00:04
End at: 2019-11-24 09:00:34
Local clock offset: -1.672 ms
Remote clock offset: -8.126 ms

# Below is generated by plot.py at 2019-11-24 09:58:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.90 Mbit/s
95th percentile per-packet one-way delay: 73.660 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 76.25 Mbit/s
95th percentile per-packet one-way delay: 73.046 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 18.74 Mbit/s
95th percentile per-packet one-way delay: 74.829 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 9.53 Mbit/s
95th percentile per-packet one-way delay: 75.007 ms
Loss rate: 0.00%
```

Run 4: Report of TCP Vegas — Data Link

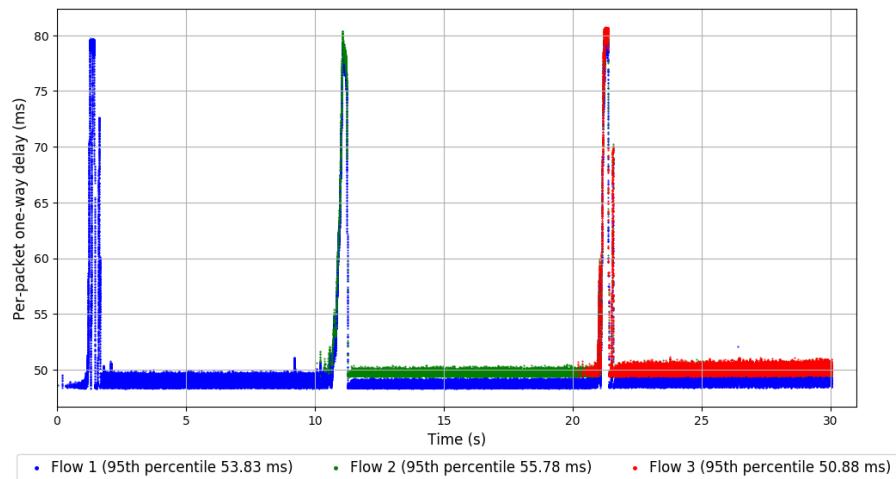
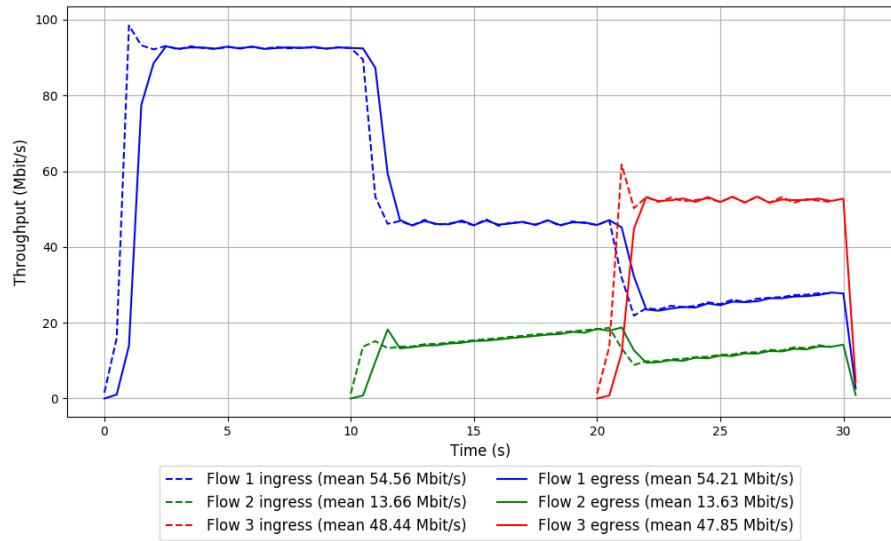


Run 5: Statistics of TCP Vegas

```
Start at: 2019-11-24 09:30:12
End at: 2019-11-24 09:30:42
Local clock offset: -0.069 ms
Remote clock offset: -8.491 ms

# Below is generated by plot.py at 2019-11-24 09:58:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.19 Mbit/s
95th percentile per-packet one-way delay: 53.503 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 54.21 Mbit/s
95th percentile per-packet one-way delay: 53.830 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 13.63 Mbit/s
95th percentile per-packet one-way delay: 55.778 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 47.85 Mbit/s
95th percentile per-packet one-way delay: 50.882 ms
Loss rate: 1.20%
```

Run 5: Report of TCP Vegas — Data Link

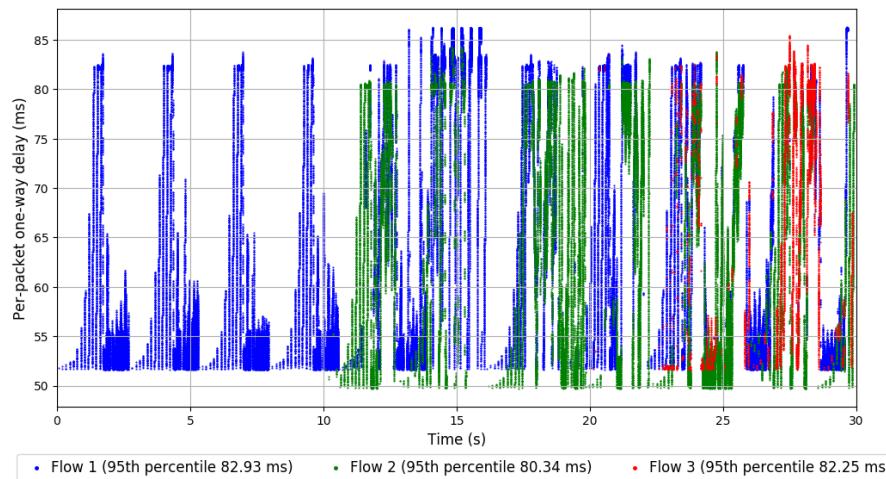
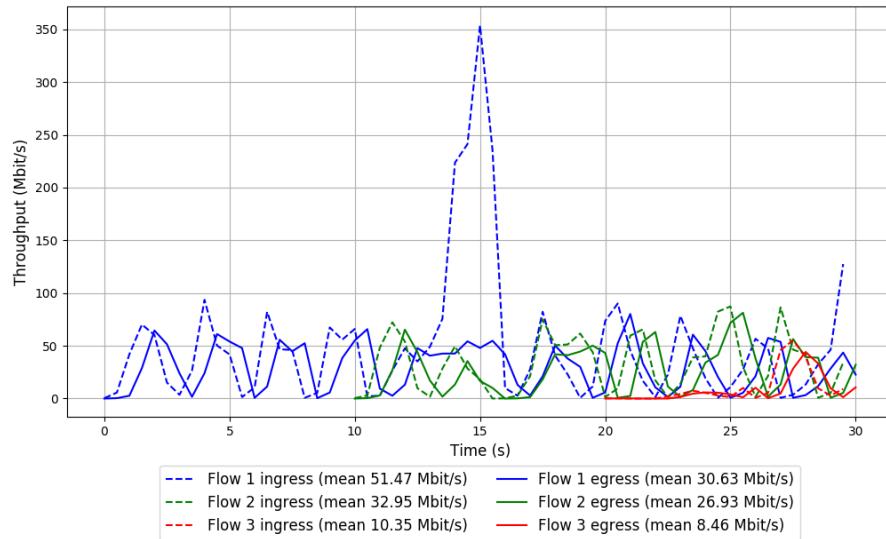


Run 1: Statistics of Verus

```
Start at: 2019-11-24 07:43:58
End at: 2019-11-24 07:44:28
Local clock offset: -0.379 ms
Remote clock offset: -6.129 ms

# Below is generated by plot.py at 2019-11-24 09:58:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 51.05 Mbit/s
95th percentile per-packet one-way delay: 82.293 ms
Loss rate: 33.04%
-- Flow 1:
Average throughput: 30.63 Mbit/s
95th percentile per-packet one-way delay: 82.934 ms
Loss rate: 40.42%
-- Flow 2:
Average throughput: 26.93 Mbit/s
95th percentile per-packet one-way delay: 80.344 ms
Loss rate: 18.14%
-- Flow 3:
Average throughput: 8.46 Mbit/s
95th percentile per-packet one-way delay: 82.245 ms
Loss rate: 18.13%
```

Run 1: Report of Verus — Data Link

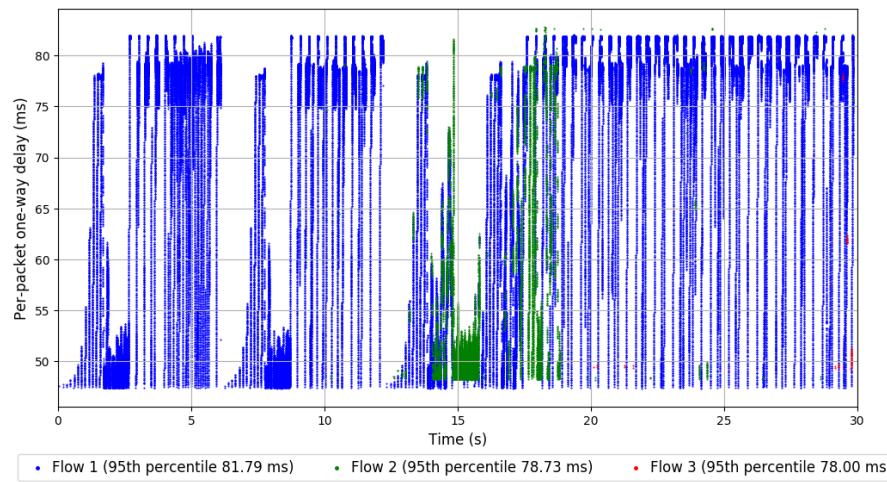
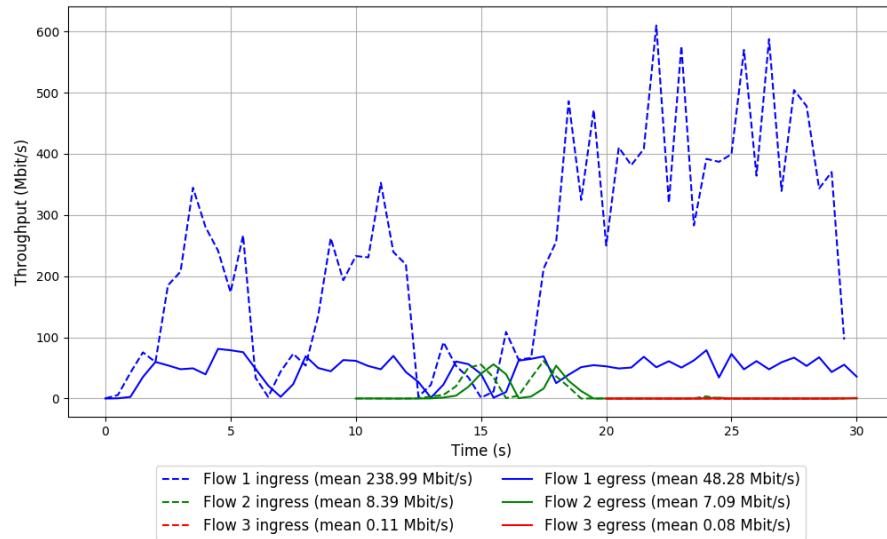


Run 2: Statistics of Verus

```
Start at: 2019-11-24 08:13:54
End at: 2019-11-24 08:14:24
Local clock offset: 0.437 ms
Remote clock offset: -7.146 ms

# Below is generated by plot.py at 2019-11-24 09:58:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.01 Mbit/s
95th percentile per-packet one-way delay: 81.780 ms
Loss rate: 78.30%
-- Flow 1:
Average throughput: 48.28 Mbit/s
95th percentile per-packet one-way delay: 81.786 ms
Loss rate: 79.77%
-- Flow 2:
Average throughput: 7.09 Mbit/s
95th percentile per-packet one-way delay: 78.726 ms
Loss rate: 15.46%
-- Flow 3:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 78.002 ms
Loss rate: 24.14%
```

Run 2: Report of Verus — Data Link

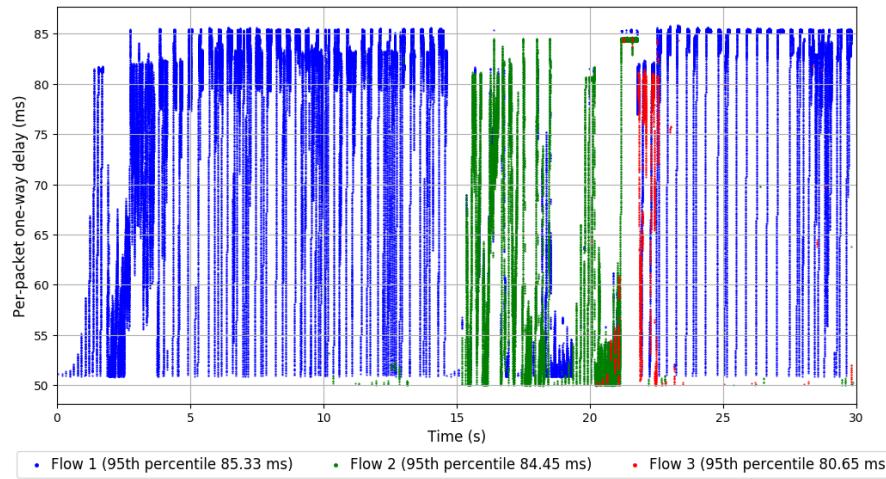
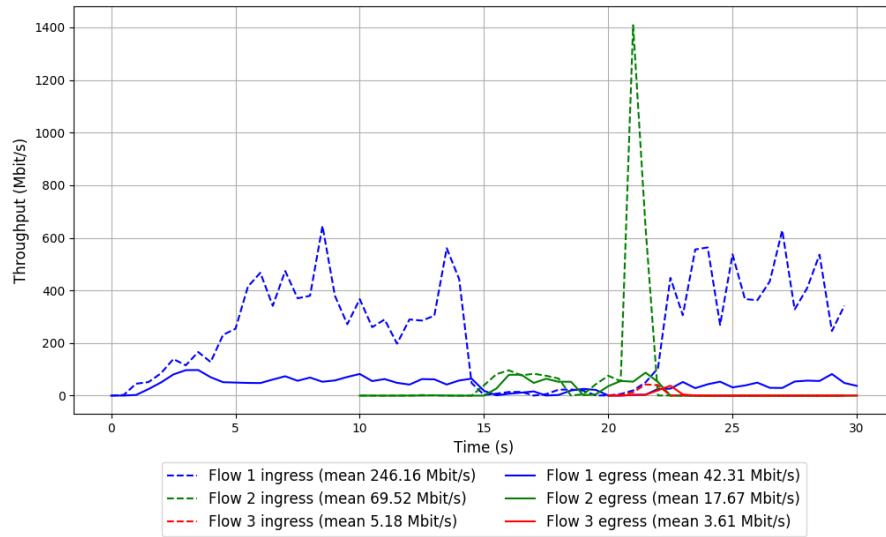


Run 3: Statistics of Verus

```
Start at: 2019-11-24 08:43:52
End at: 2019-11-24 08:44:22
Local clock offset: -0.724 ms
Remote clock offset: -8.452 ms

# Below is generated by plot.py at 2019-11-24 09:59:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 55.14 Mbit/s
95th percentile per-packet one-way delay: 85.317 ms
Loss rate: 81.20%
-- Flow 1:
Average throughput: 42.31 Mbit/s
95th percentile per-packet one-way delay: 85.335 ms
Loss rate: 82.79%
-- Flow 2:
Average throughput: 17.67 Mbit/s
95th percentile per-packet one-way delay: 84.455 ms
Loss rate: 74.59%
-- Flow 3:
Average throughput: 3.61 Mbit/s
95th percentile per-packet one-way delay: 80.648 ms
Loss rate: 30.43%
```

Run 3: Report of Verus — Data Link

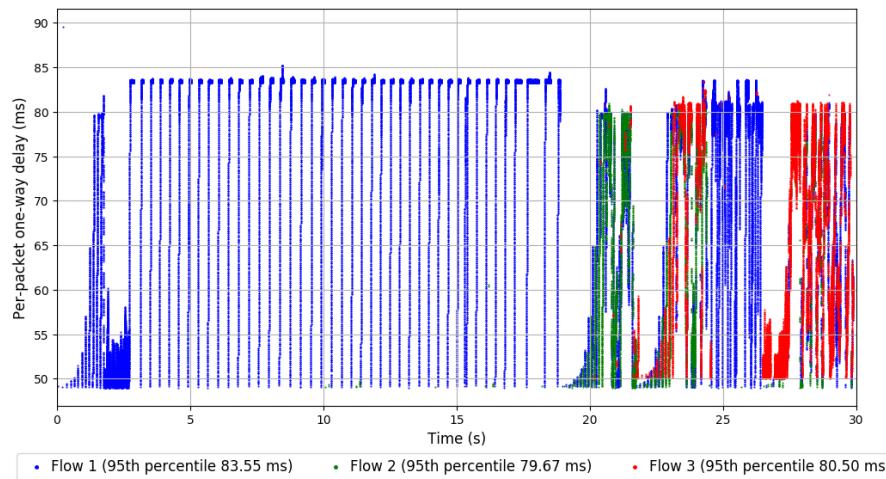
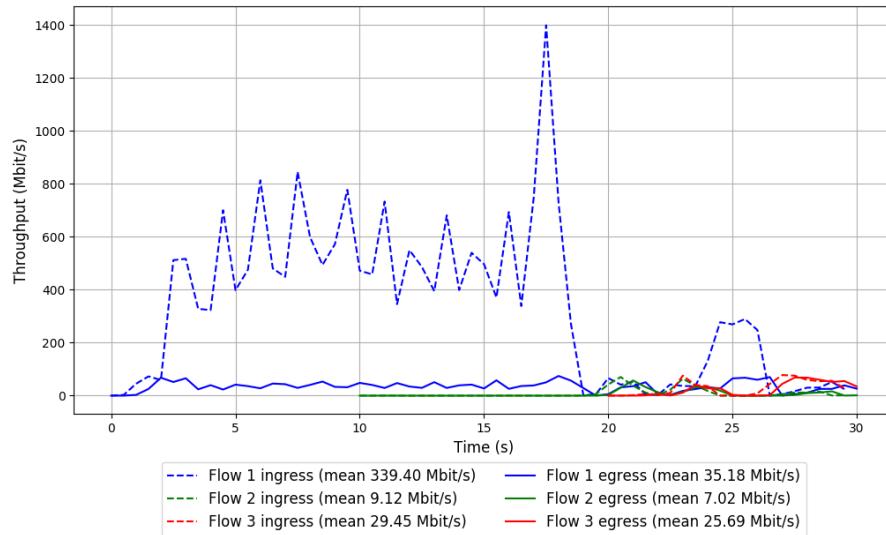


Run 4: Statistics of Verus

```
Start at: 2019-11-24 09:13:50
End at: 2019-11-24 09:14:20
Local clock offset: -1.37 ms
Remote clock offset: -8.543 ms

# Below is generated by plot.py at 2019-11-24 09:59:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.28 Mbit/s
95th percentile per-packet one-way delay: 83.530 ms
Loss rate: 86.40%
-- Flow 1:
Average throughput: 35.18 Mbit/s
95th percentile per-packet one-way delay: 83.546 ms
Loss rate: 89.63%
-- Flow 2:
Average throughput: 7.02 Mbit/s
95th percentile per-packet one-way delay: 79.665 ms
Loss rate: 23.02%
-- Flow 3:
Average throughput: 25.69 Mbit/s
95th percentile per-packet one-way delay: 80.500 ms
Loss rate: 12.67%
```

Run 4: Report of Verus — Data Link

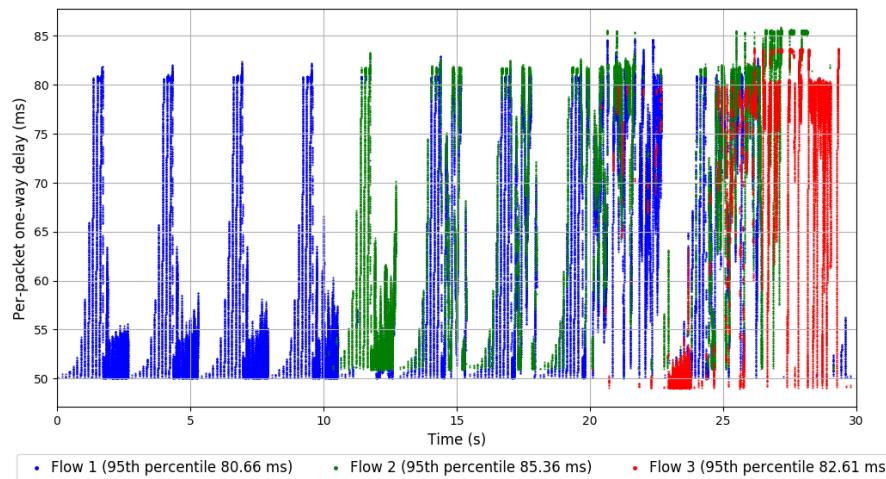
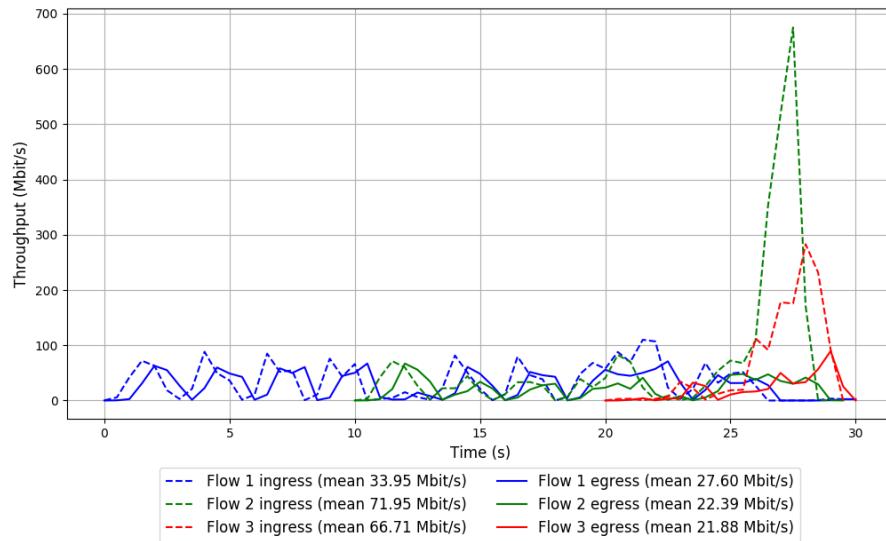


Run 5: Statistics of Verus

```
Start at: 2019-11-24 09:43:59
End at: 2019-11-24 09:44:29
Local clock offset: -0.066 ms
Remote clock offset: -8.884 ms

# Below is generated by plot.py at 2019-11-24 09:59:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.08 Mbit/s
95th percentile per-packet one-way delay: 82.618 ms
Loss rate: 51.96%
-- Flow 1:
Average throughput: 27.60 Mbit/s
95th percentile per-packet one-way delay: 80.661 ms
Loss rate: 18.72%
-- Flow 2:
Average throughput: 22.39 Mbit/s
95th percentile per-packet one-way delay: 85.359 ms
Loss rate: 69.11%
-- Flow 3:
Average throughput: 21.88 Mbit/s
95th percentile per-packet one-way delay: 82.609 ms
Loss rate: 67.21%
```

Run 5: Report of Verus — Data Link

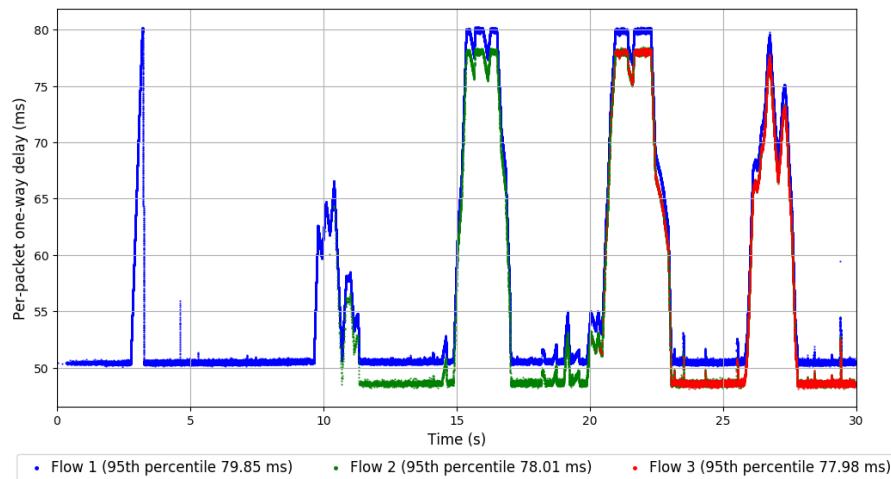
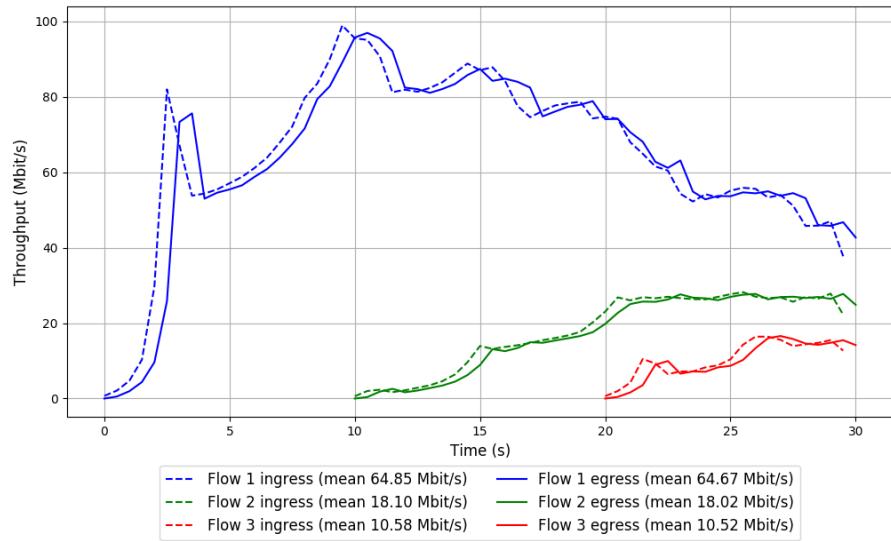


Run 1: Statistics of PCC-Vivace

```
Start at: 2019-11-24 07:17:49
End at: 2019-11-24 07:18:19
Local clock offset: -0.4 ms
Remote clock offset: -8.748 ms

# Below is generated by plot.py at 2019-11-24 09:59:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 80.12 Mbit/s
95th percentile per-packet one-way delay: 79.769 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 64.67 Mbit/s
95th percentile per-packet one-way delay: 79.849 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 18.02 Mbit/s
95th percentile per-packet one-way delay: 78.013 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 10.52 Mbit/s
95th percentile per-packet one-way delay: 77.980 ms
Loss rate: 0.61%
```

Run 1: Report of PCC-Vivace — Data Link

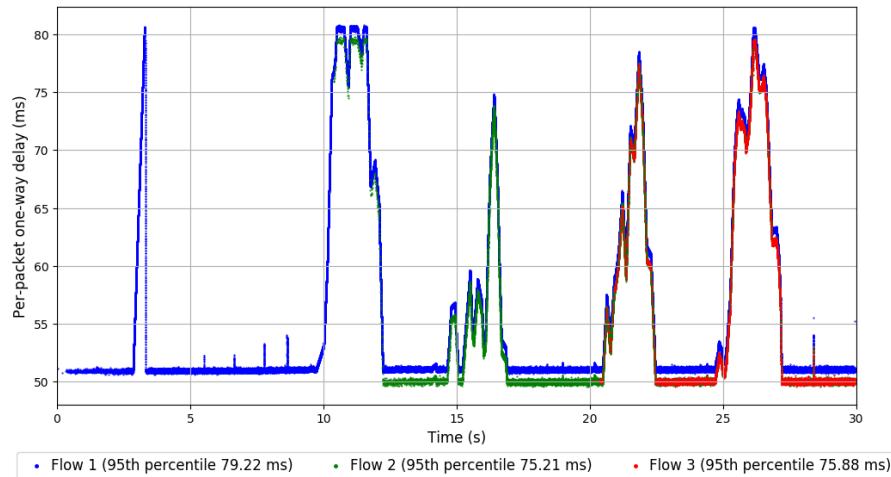
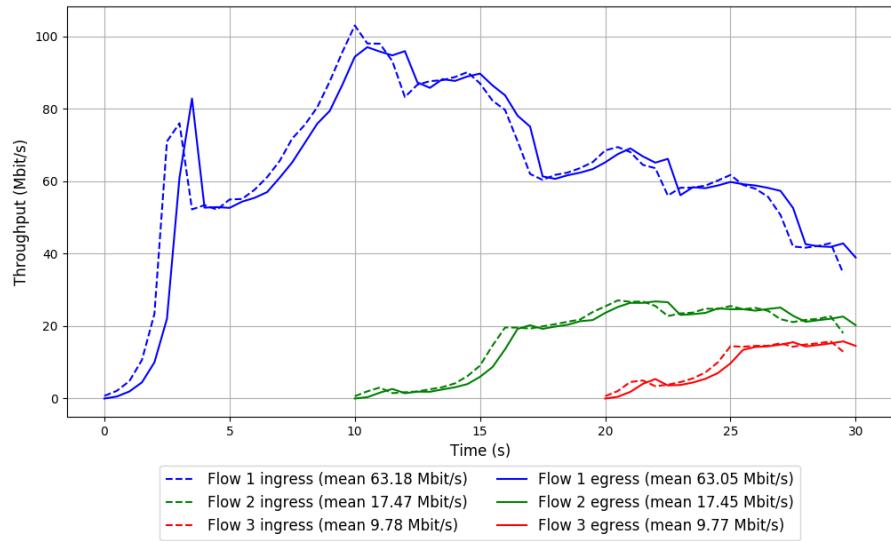


Run 2: Statistics of PCC-Vivace

```
Start at: 2019-11-24 07:47:43
End at: 2019-11-24 07:48:13
Local clock offset: -0.205 ms
Remote clock offset: -6.193 ms

# Below is generated by plot.py at 2019-11-24 09:59:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.88 Mbit/s
95th percentile per-packet one-way delay: 78.424 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 63.05 Mbit/s
95th percentile per-packet one-way delay: 79.216 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 17.45 Mbit/s
95th percentile per-packet one-way delay: 75.207 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 9.77 Mbit/s
95th percentile per-packet one-way delay: 75.877 ms
Loss rate: 0.06%
```

Run 2: Report of PCC-Vivace — Data Link

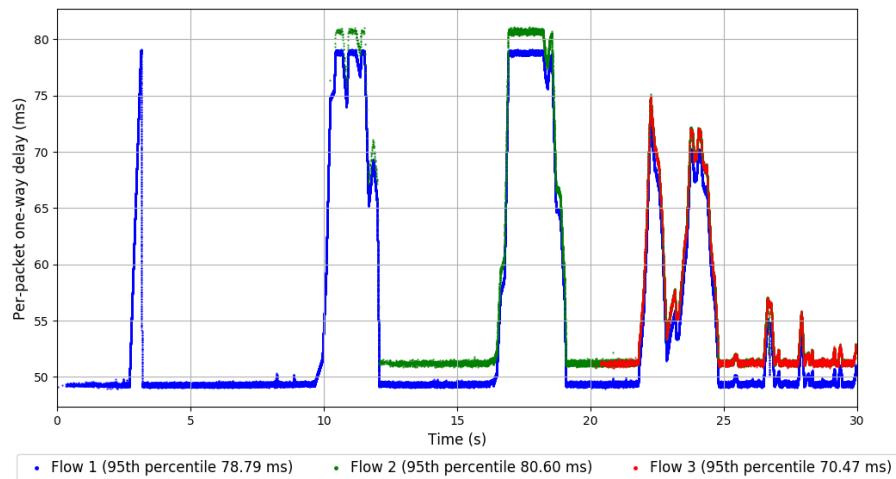
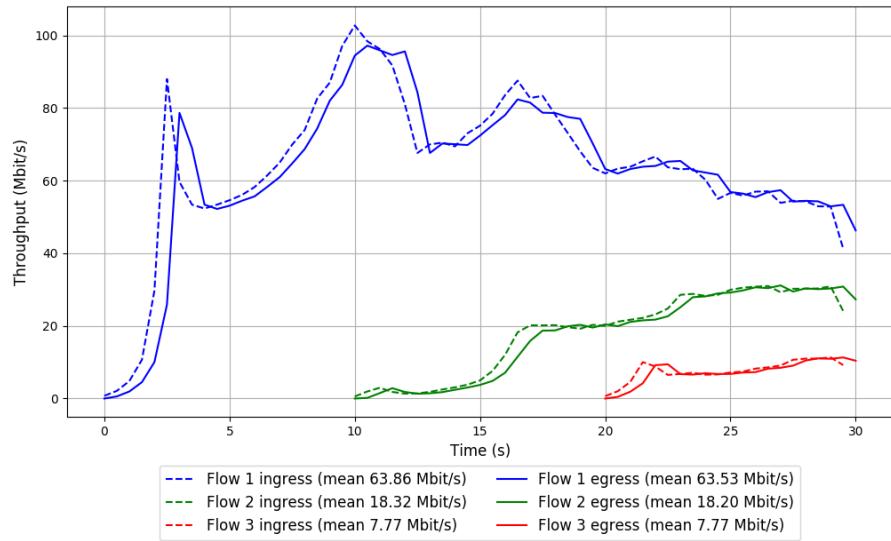


Run 3: Statistics of PCC-Vivace

```
Start at: 2019-11-24 08:17:42
End at: 2019-11-24 08:18:12
Local clock offset: -0.69 ms
Remote clock offset: -6.97 ms

# Below is generated by plot.py at 2019-11-24 09:59:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.20 Mbit/s
95th percentile per-packet one-way delay: 78.798 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 63.53 Mbit/s
95th percentile per-packet one-way delay: 78.787 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 18.20 Mbit/s
95th percentile per-packet one-way delay: 80.604 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 7.77 Mbit/s
95th percentile per-packet one-way delay: 70.472 ms
Loss rate: 0.00%
```

Run 3: Report of PCC-Vivace — Data Link

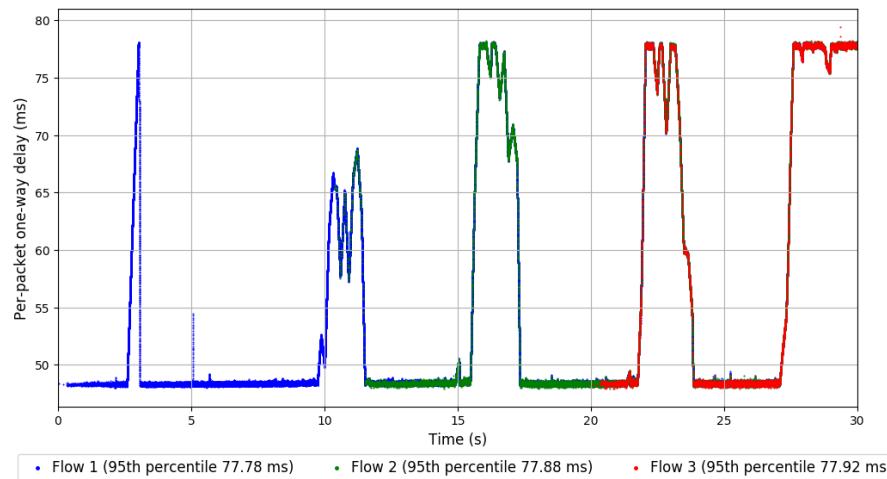
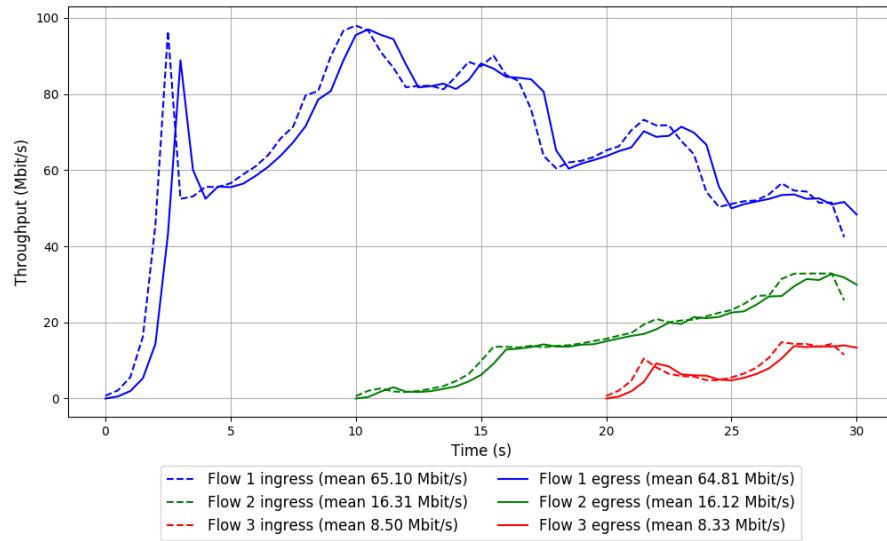


Run 4: Statistics of PCC-Vivace

```
Start at: 2019-11-24 08:47:41
End at: 2019-11-24 08:48:11
Local clock offset: -1.505 ms
Remote clock offset: -9.179 ms

# Below is generated by plot.py at 2019-11-24 09:59:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.29 Mbit/s
95th percentile per-packet one-way delay: 77.816 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 64.81 Mbit/s
95th percentile per-packet one-way delay: 77.779 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 16.12 Mbit/s
95th percentile per-packet one-way delay: 77.883 ms
Loss rate: 1.05%
-- Flow 3:
Average throughput: 8.33 Mbit/s
95th percentile per-packet one-way delay: 77.917 ms
Loss rate: 1.67%
```

Run 4: Report of PCC-Vivace — Data Link

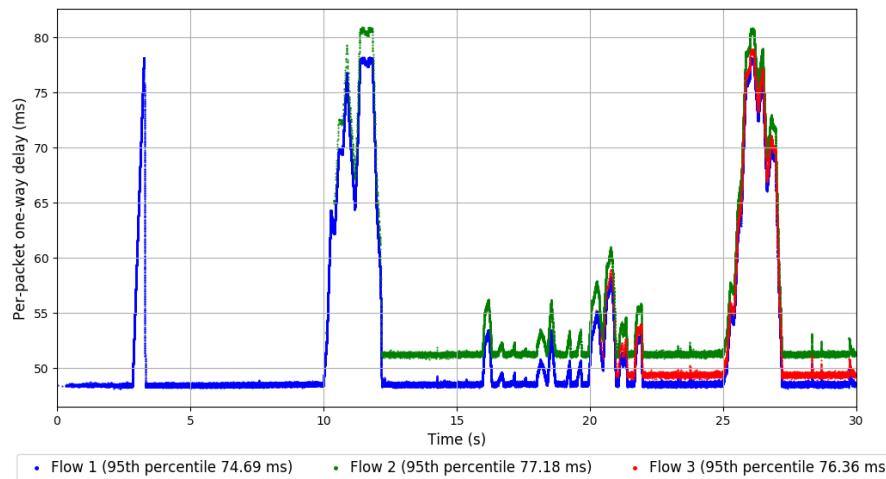
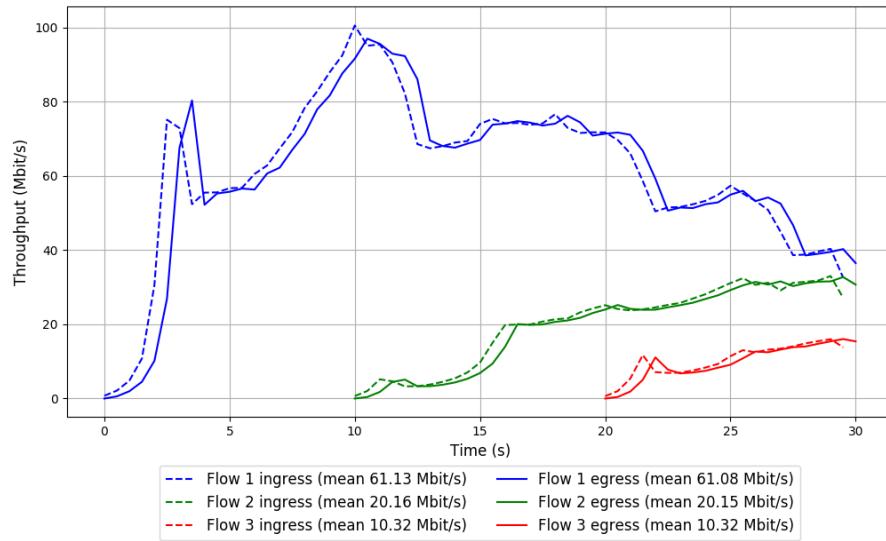


Run 5: Statistics of PCC-Vivace

```
Start at: 2019-11-24 09:17:47
End at: 2019-11-24 09:18:17
Local clock offset: -1.218 ms
Remote clock offset: -8.4 ms

# Below is generated by plot.py at 2019-11-24 09:59:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.88 Mbit/s
95th percentile per-packet one-way delay: 75.261 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 61.08 Mbit/s
95th percentile per-packet one-way delay: 74.686 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 20.15 Mbit/s
95th percentile per-packet one-way delay: 77.182 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 10.32 Mbit/s
95th percentile per-packet one-way delay: 76.359 ms
Loss rate: 0.05%
```

Run 5: Report of PCC-Vivace — Data Link

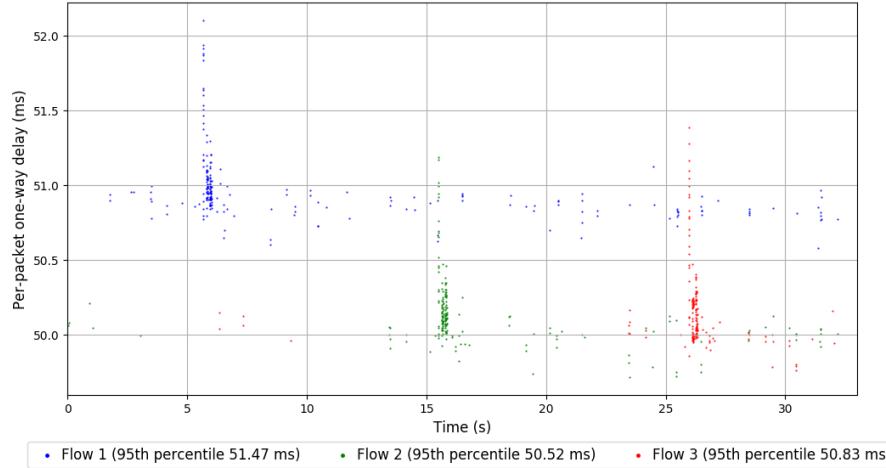
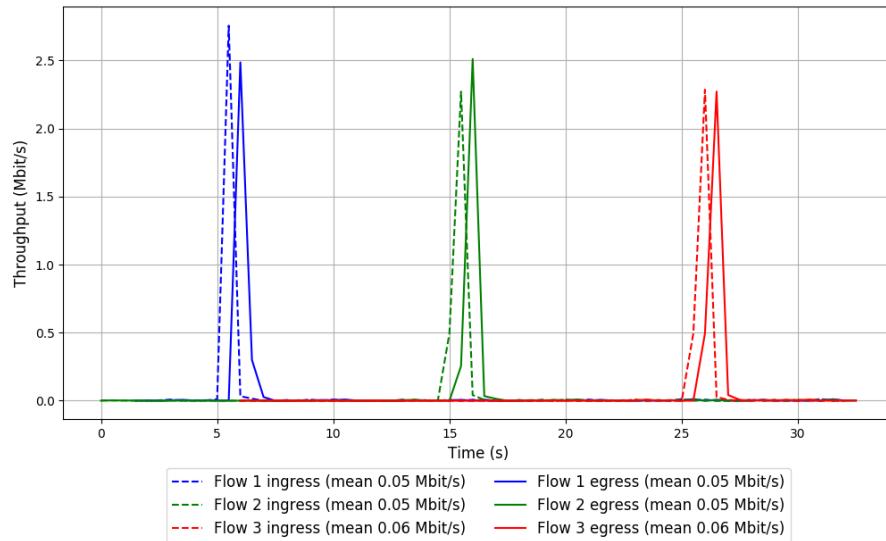


Run 1: Statistics of WebRTC media

```
Start at: 2019-11-24 07:36:25
End at: 2019-11-24 07:36:55
Local clock offset: 0.046 ms
Remote clock offset: -6.622 ms

# Below is generated by plot.py at 2019-11-24 09:59:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 51.152 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 51.466 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 50.520 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 50.828 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

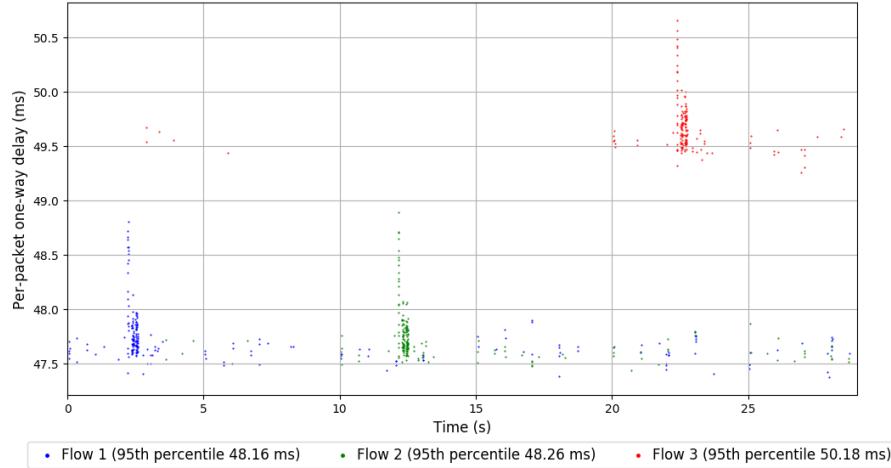
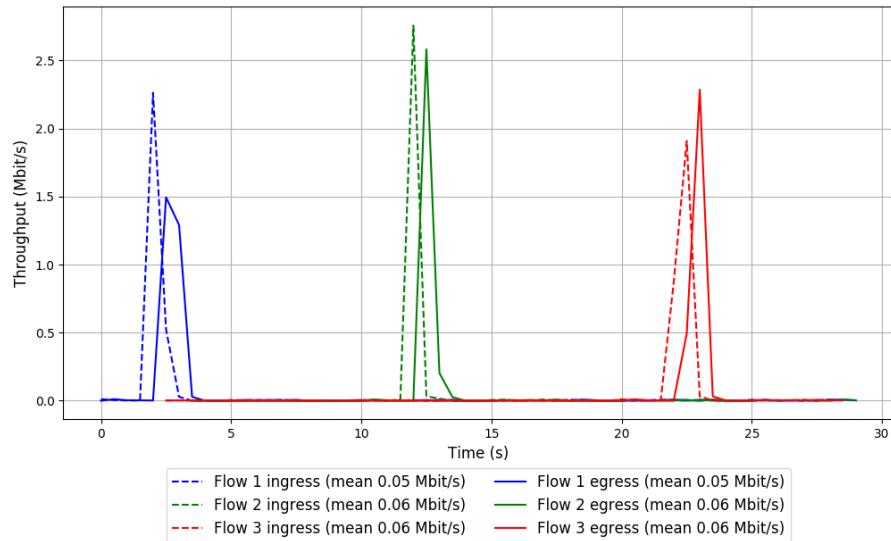


Run 2: Statistics of WebRTC media

```
Start at: 2019-11-24 08:06:21
End at: 2019-11-24 08:06:51
Local clock offset: 1.019 ms
Remote clock offset: -7.204 ms

# Below is generated by plot.py at 2019-11-24 09:59:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 49.789 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 48.164 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 48.262 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 50.178 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

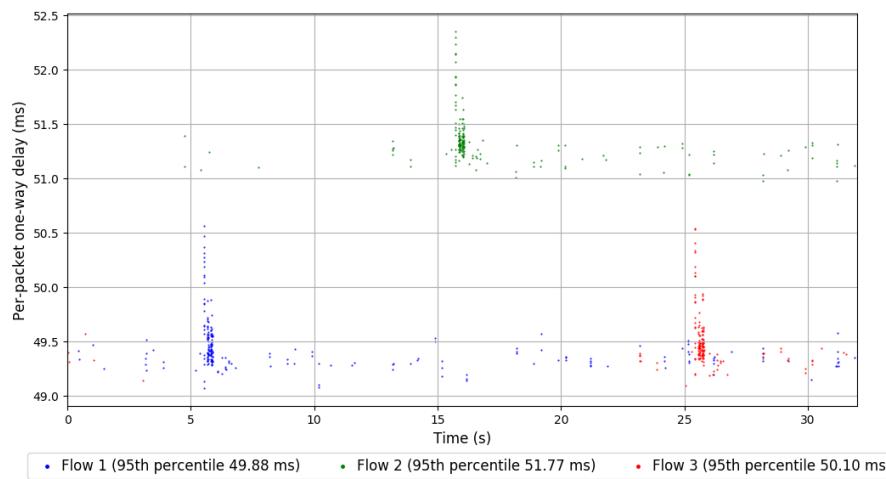
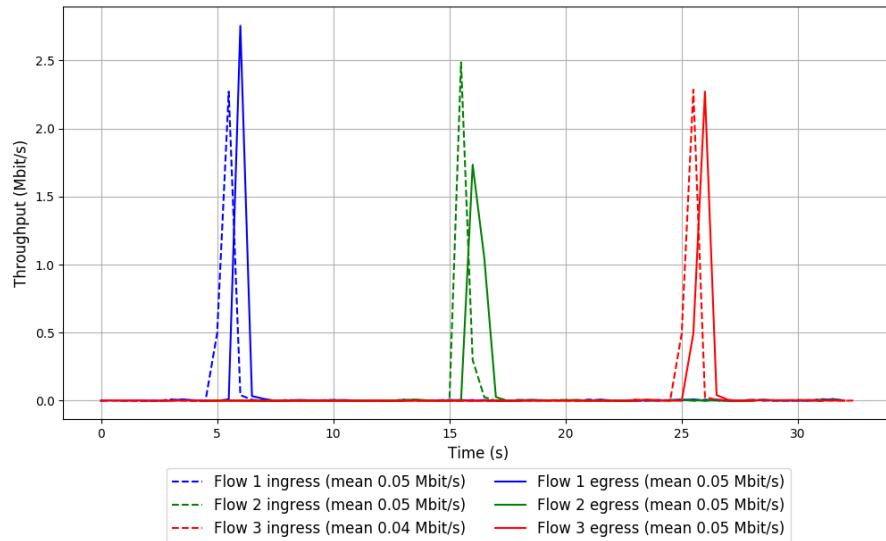


Run 3: Statistics of WebRTC media

```
Start at: 2019-11-24 08:36:20
End at: 2019-11-24 08:36:50
Local clock offset: -1.436 ms
Remote clock offset: -8.79 ms

# Below is generated by plot.py at 2019-11-24 09:59:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 51.447 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 49.885 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 51.765 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 50.099 ms
Loss rate: 0.05%
```

Run 3: Report of WebRTC media — Data Link

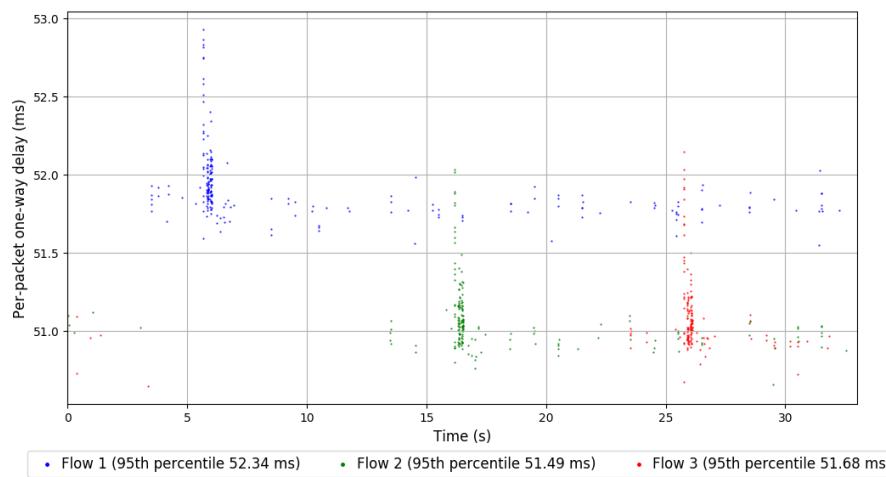
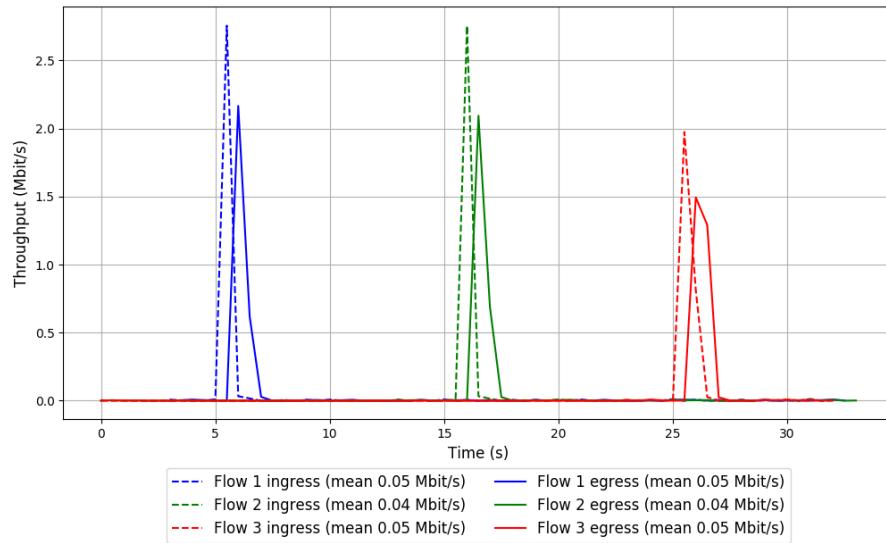


Run 4: Statistics of WebRTC media

```
Start at: 2019-11-24 09:06:18
End at: 2019-11-24 09:06:48
Local clock offset: -1.736 ms
Remote clock offset: -7.856 ms

# Below is generated by plot.py at 2019-11-24 09:59:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 52.087 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 52.345 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 51.492 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 51.682 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

```
Start at: 2019-11-24 09:36:26
End at: 2019-11-24 09:36:56
Local clock offset: -0.074 ms
Remote clock offset: -8.502 ms

# Below is generated by plot.py at 2019-11-24 09:59:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 51.474 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 51.573 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 51.616 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 49.004 ms
Loss rate: 0.05%
```

Run 5: Report of WebRTC media — Data Link

