

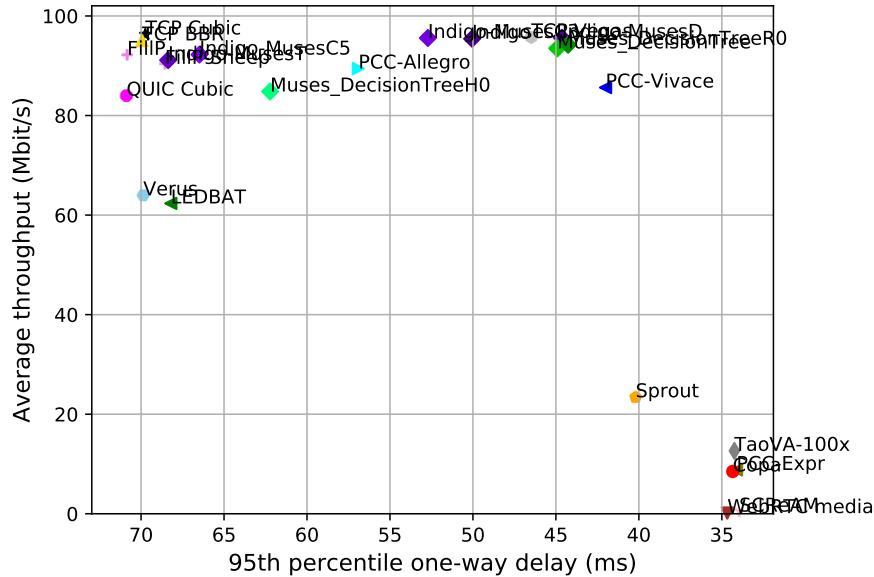
Pantheon Report

Generated at 2019-08-27 03:32:40 (UTC).
Data path: AWS California 2 on `ens5` (*local*) → Mexico on `em1` (*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 `time.stanford.edu` and have been applied to correct the timestamps in logs.

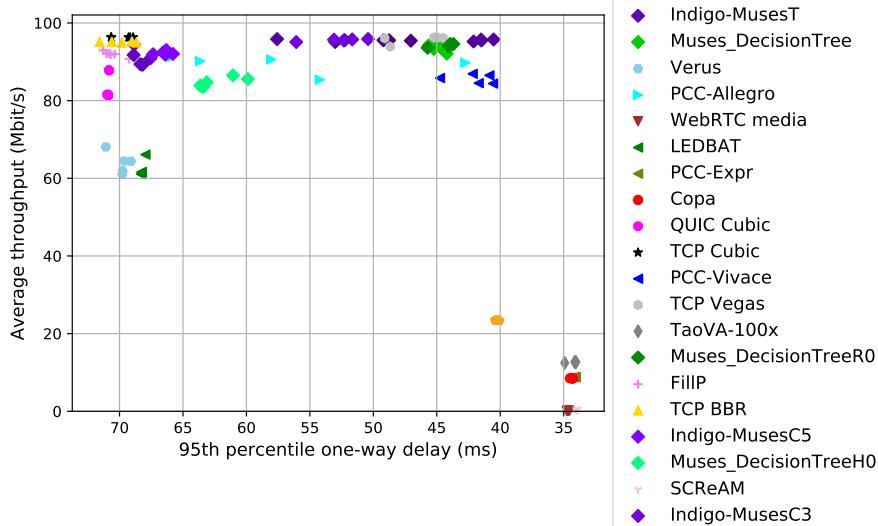
```
System info:  
Linux 4.15.0-1043-aws  
net.core.default_qdisc = fq  
net.core.rmem_default = 16777216  
net.core.rmem_max = 536870912  
net.core.wmem_default = 16777216  
net.core.wmem_max = 536870912  
net.ipv4.tcp_rmem = 4096 16777216 536870912  
net.ipv4.tcp_wmem = 4096 16777216 536870912  
  
Git summary:  
branch: muses @ de42328552b3776a75a932a94dfaf722537b0ec  
third_party/fillp @ 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 California 2 to Mexico, 5 runs of 30s each per scheme
3 flows with 10s interval between flows (mean of all runs by scheme)



test from AWS California 2 to Mexico, 5 runs of 30s each
3 flows with 10s interval between flows



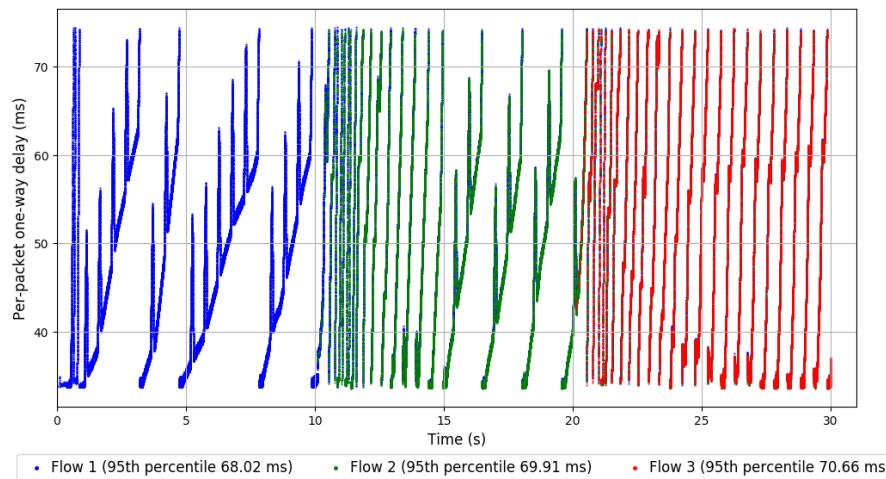
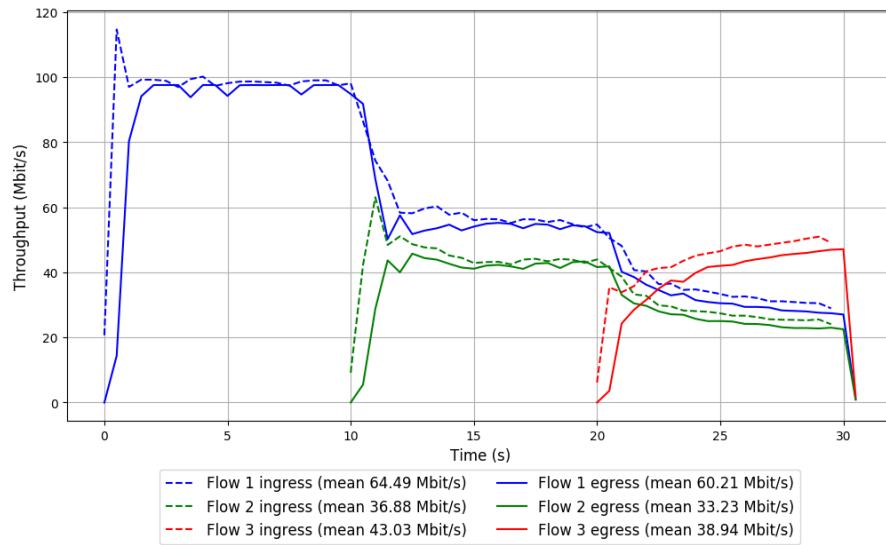
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	5	59.85	33.91	38.83	68.92	70.78	71.08	6.48	9.15	10.68
Copa		0.00	10.52	4.49	33.95	34.72	34.09	97.77	69.95	76.86
TCP Cubic		76.41	19.28	21.22	69.54	70.37	70.09	0.96	0.69	0.95
FillP		58.52	41.87	17.74	69.49	72.01	71.54	29.41	46.28	51.45
FillP-Sheep		56.66	39.70	22.16	66.92	70.17	69.41	8.92	15.67	15.83
Indigo		66.62	28.51	30.37	46.59	53.31	56.53	0.01	0.07	0.03
Indigo-MusesC3		56.40	45.66	32.76	48.76	52.74	61.53	0.32	0.52	2.53
Indigo-MusesC5		58.68	50.27	4.02	64.66	67.98	69.47	10.27	17.65	26.41
Indigo-MusesD		55.76	47.20	32.45	41.03	44.44	46.54	0.04	0.01	0.02
Indigo-MusesT		59.84	46.41	4.51	66.71	69.93	69.92	16.60	29.40	28.55
LEDBAT		41.26	20.51	22.45	68.44	69.39	54.61	0.17	0.43	0.01
Muses_DecisionTree		47.68	37.51	64.62	42.57	45.44	48.38	0.13	0.02	0.43
Muses_DecisionTreeH0		61.42	31.97	7.04	60.38	64.81	62.37	4.56	7.66	6.68
Muses_DecisionTreeR0		53.77	34.14	55.10	42.90	44.74	48.14	0.15	0.14	0.53
PCC-Allegro		79.07	11.31	8.61	56.47	58.54	59.86	1.60	1.34	1.61
PCC-Expr		0.03	9.97	6.57	34.00	34.11	34.14	85.71	45.00	42.94
QUIC Cubic		63.14	26.32	10.36	70.78	71.05	71.19	2.60	1.30	1.26
SCReAM		0.21	0.21	0.22	33.94	33.94	33.94	0.00	0.00	0.00
Sprout		11.79	11.75	11.49	40.13	40.20	40.30	0.02	0.01	0.00
TaoVA-100x		6.59	7.86	4.17	35.22	34.47	34.00	86.90	85.52	84.80
TCP Vegas		77.81	17.25	19.31	46.30	45.94	43.57	0.41	0.00	0.00
Verus		43.87	24.94	16.07	69.47	69.57	74.37	28.74	29.25	42.13
PCC-Vivace		67.27	21.87	11.54	41.89	42.38	42.72	0.00	0.00	0.00
WebRTC media		0.05	0.05	0.05	34.64	34.66	34.70	0.00	0.01	0.00

Run 1: Statistics of TCP BBR

```
Start at: 2019-08-26 23:41:28
End at: 2019-08-26 23:41:58
Local clock offset: -0.849 ms
Remote clock offset: 4.544 ms

# Below is generated by plot.py at 2019-08-27 03:19:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.26 Mbit/s
95th percentile per-packet one-way delay: 69.024 ms
Loss rate: 7.82%
-- Flow 1:
Average throughput: 60.21 Mbit/s
95th percentile per-packet one-way delay: 68.015 ms
Loss rate: 6.62%
-- Flow 2:
Average throughput: 33.23 Mbit/s
95th percentile per-packet one-way delay: 69.909 ms
Loss rate: 9.90%
-- Flow 3:
Average throughput: 38.94 Mbit/s
95th percentile per-packet one-way delay: 70.663 ms
Loss rate: 9.66%
```

Run 1: Report of TCP BBR — Data Link

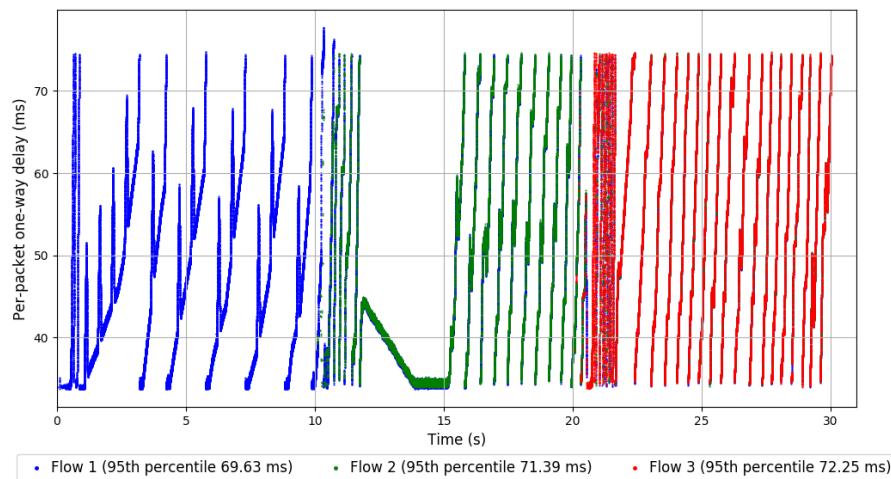
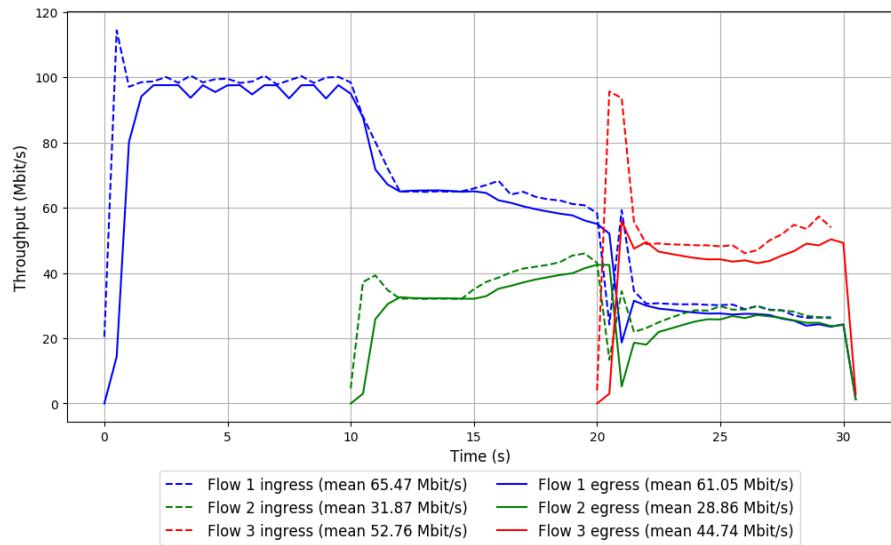


Run 2: Statistics of TCP BBR

```
Start at: 2019-08-27 00:29:03
End at: 2019-08-27 00:29:33
Local clock offset: -1.096 ms
Remote clock offset: 4.725 ms

# Below is generated by plot.py at 2019-08-27 03:19:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.15 Mbit/s
95th percentile per-packet one-way delay: 70.607 ms
Loss rate: 8.72%
-- Flow 1:
Average throughput: 61.05 Mbit/s
95th percentile per-packet one-way delay: 69.626 ms
Loss rate: 6.74%
-- Flow 2:
Average throughput: 28.86 Mbit/s
95th percentile per-packet one-way delay: 71.386 ms
Loss rate: 9.44%
-- Flow 3:
Average throughput: 44.74 Mbit/s
95th percentile per-packet one-way delay: 72.249 ms
Loss rate: 15.21%
```

Run 2: Report of TCP BBR — Data Link

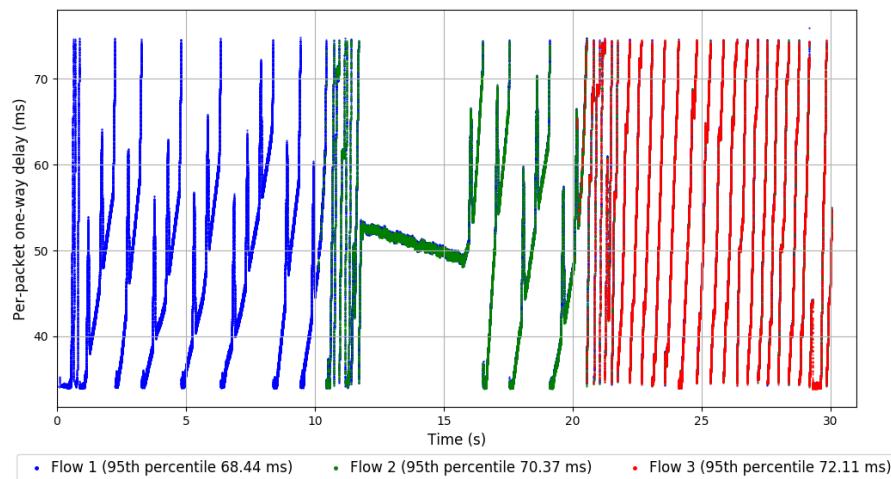
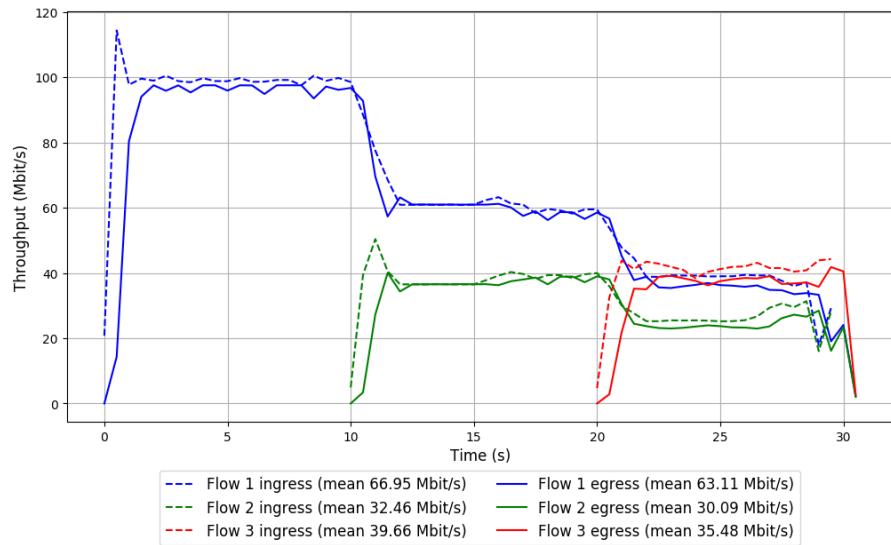


Run 3: Statistics of TCP BBR

```
Start at: 2019-08-27 01:21:45
End at: 2019-08-27 01:22:15
Local clock offset: -0.926 ms
Remote clock offset: 6.235 ms

# Below is generated by plot.py at 2019-08-27 03:19:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.94 Mbit/s
95th percentile per-packet one-way delay: 69.819 ms
Loss rate: 6.64%
-- Flow 1:
Average throughput: 63.11 Mbit/s
95th percentile per-packet one-way delay: 68.441 ms
Loss rate: 5.67%
-- Flow 2:
Average throughput: 30.09 Mbit/s
95th percentile per-packet one-way delay: 70.366 ms
Loss rate: 7.26%
-- Flow 3:
Average throughput: 35.48 Mbit/s
95th percentile per-packet one-way delay: 72.110 ms
Loss rate: 10.49%
```

Run 3: Report of TCP BBR — Data Link

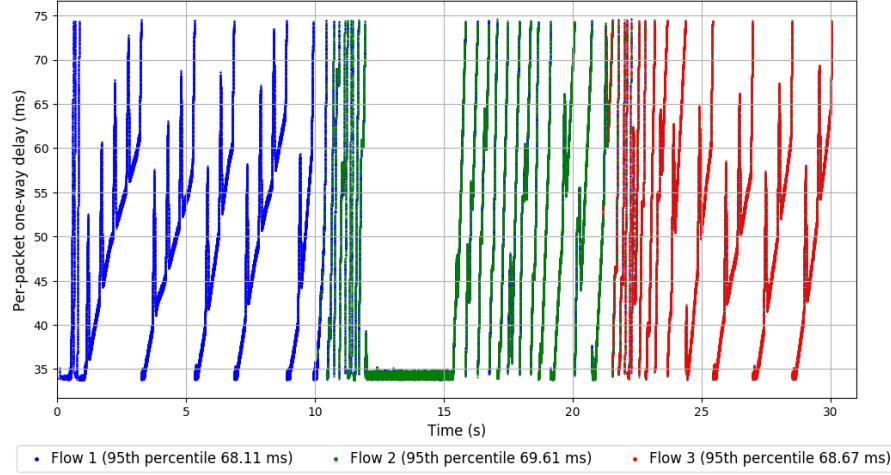
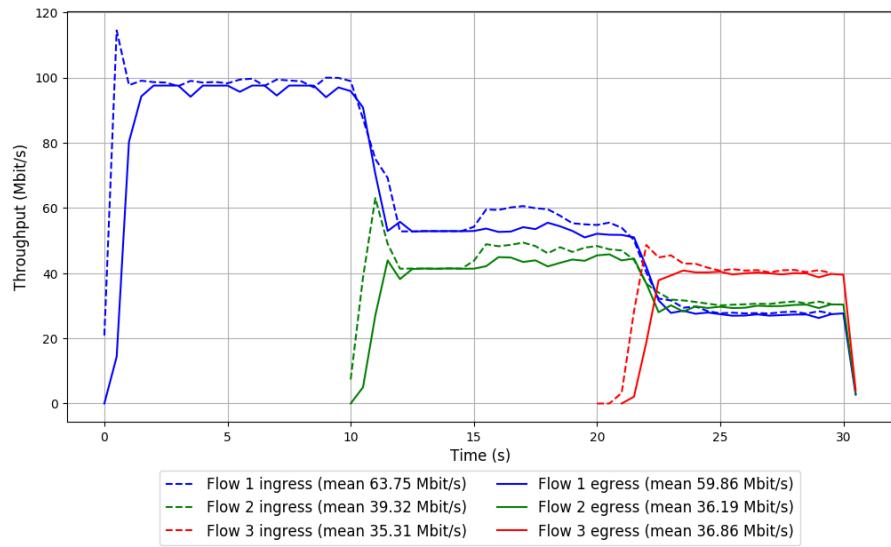


Run 4: Statistics of TCP BBR

```
Start at: 2019-08-27 02:09:43
End at: 2019-08-27 02:10:13
Local clock offset: -0.917 ms
Remote clock offset: 3.117 ms

# Below is generated by plot.py at 2019-08-27 03:19:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.98 Mbit/s
95th percentile per-packet one-way delay: 68.666 ms
Loss rate: 6.53%
-- Flow 1:
Average throughput: 59.86 Mbit/s
95th percentile per-packet one-way delay: 68.113 ms
Loss rate: 6.04%
-- Flow 2:
Average throughput: 36.19 Mbit/s
95th percentile per-packet one-way delay: 69.613 ms
Loss rate: 7.84%
-- Flow 3:
Average throughput: 36.86 Mbit/s
95th percentile per-packet one-way delay: 68.670 ms
Loss rate: 6.26%
```

Run 4: Report of TCP BBR — Data Link

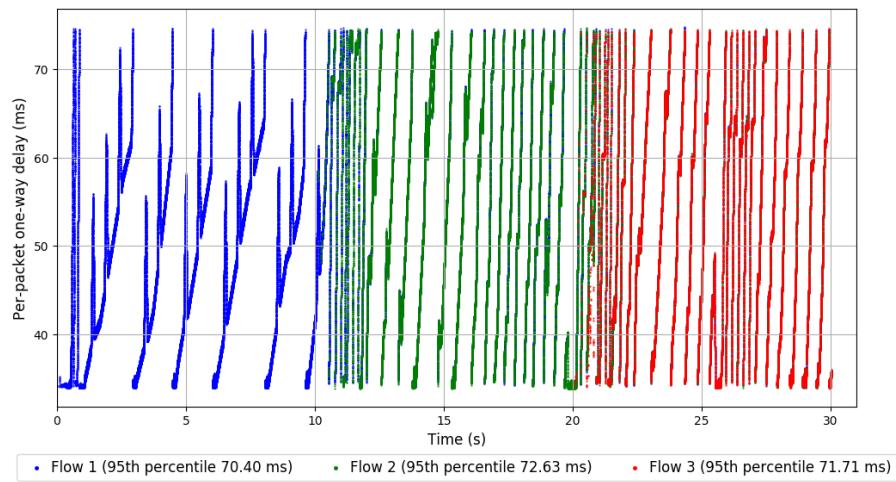
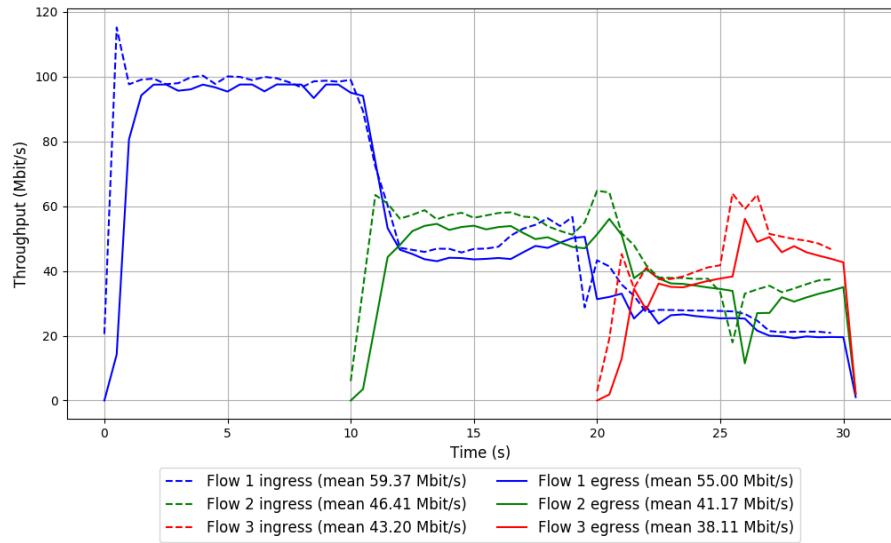


Run 5: Statistics of TCP BBR

```
Start at: 2019-08-27 03:00:25
End at: 2019-08-27 03:00:55
Local clock offset: -1.332 ms
Remote clock offset: 4.348 ms

# Below is generated by plot.py at 2019-08-27 03:19:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.09 Mbit/s
95th percentile per-packet one-way delay: 71.570 ms
Loss rate: 9.13%
-- Flow 1:
Average throughput: 55.00 Mbit/s
95th percentile per-packet one-way delay: 70.398 ms
Loss rate: 7.35%
-- Flow 2:
Average throughput: 41.17 Mbit/s
95th percentile per-packet one-way delay: 72.629 ms
Loss rate: 11.33%
-- Flow 3:
Average throughput: 38.11 Mbit/s
95th percentile per-packet one-way delay: 71.712 ms
Loss rate: 11.77%
```

Run 5: Report of TCP BBR — Data Link

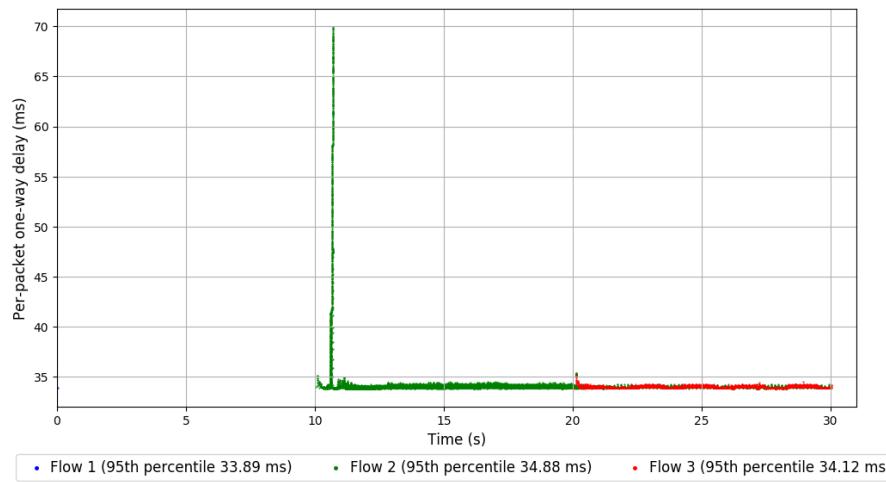
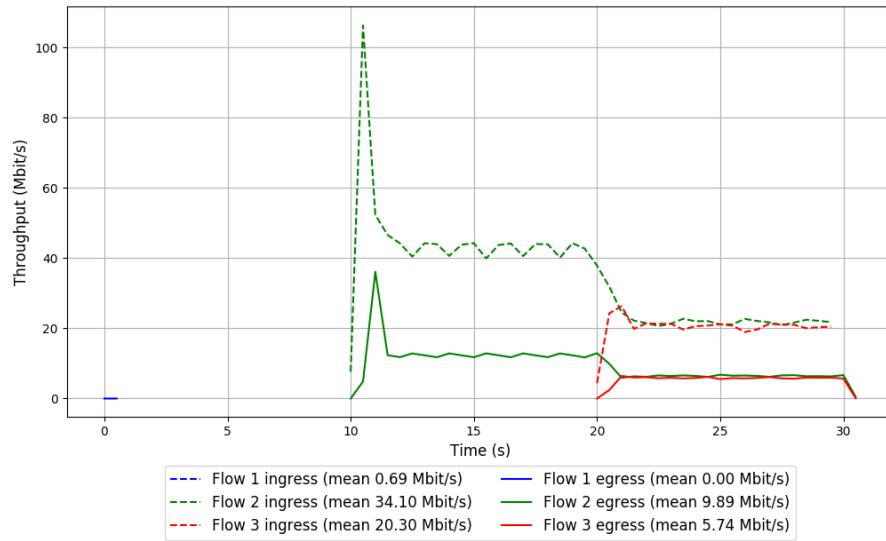


Run 1: Statistics of Copa

```
Start at: 2019-08-26 23:22:24
End at: 2019-08-26 23:22:54
Local clock offset: -0.64 ms
Remote clock offset: 4.641 ms

# Below is generated by plot.py at 2019-08-27 03:19:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.50 Mbit/s
95th percentile per-packet one-way delay: 34.310 ms
Loss rate: 71.15%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 33.892 ms
Loss rate: 97.92%
-- Flow 2:
Average throughput: 9.89 Mbit/s
95th percentile per-packet one-way delay: 34.881 ms
Loss rate: 70.99%
-- Flow 3:
Average throughput: 5.74 Mbit/s
95th percentile per-packet one-way delay: 34.118 ms
Loss rate: 71.70%
```

Run 1: Report of Copa — Data Link

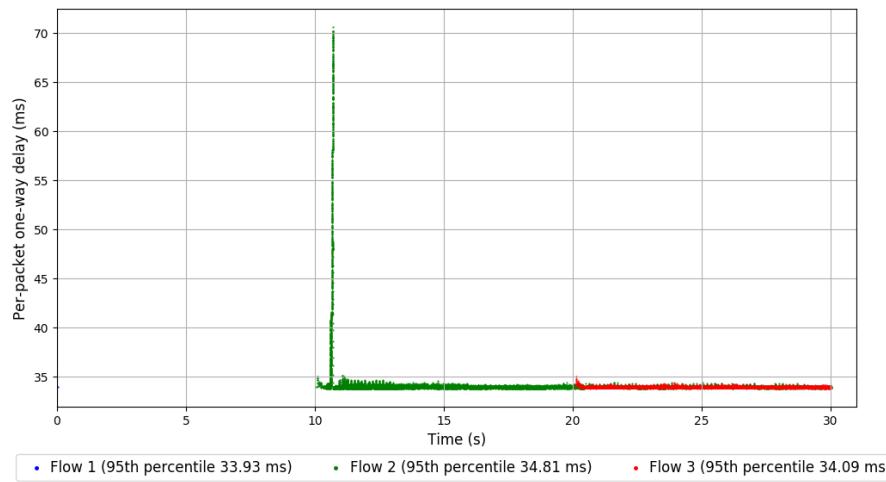
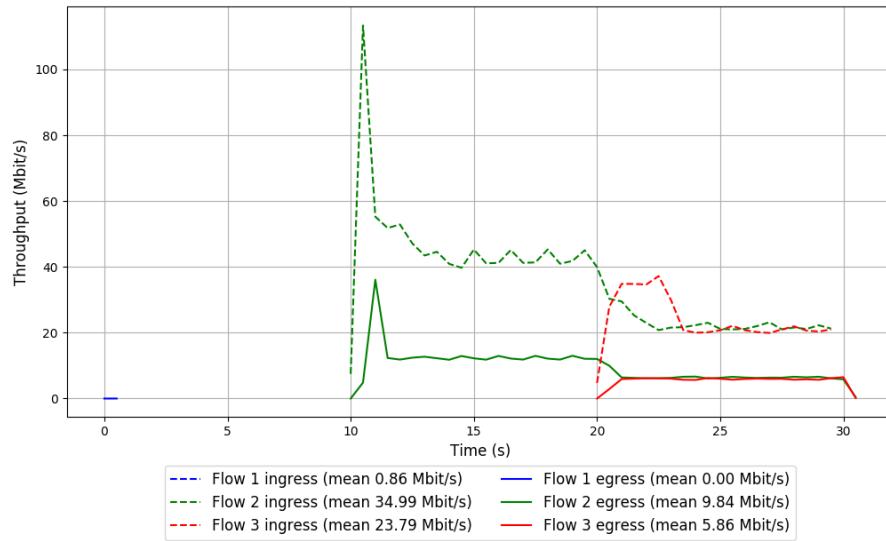


Run 2: Statistics of Copa

```
Start at: 2019-08-27 00:08:26
End at: 2019-08-27 00:08:56
Local clock offset: -1.056 ms
Remote clock offset: 6.337 ms

# Below is generated by plot.py at 2019-08-27 03:19:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.50 Mbit/s
95th percentile per-packet one-way delay: 34.321 ms
Loss rate: 72.77%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 33.927 ms
Loss rate: 98.33%
-- Flow 2:
Average throughput: 9.84 Mbit/s
95th percentile per-packet one-way delay: 34.806 ms
Loss rate: 71.88%
-- Flow 3:
Average throughput: 5.86 Mbit/s
95th percentile per-packet one-way delay: 34.085 ms
Loss rate: 75.38%
```

Run 2: Report of Copa — Data Link

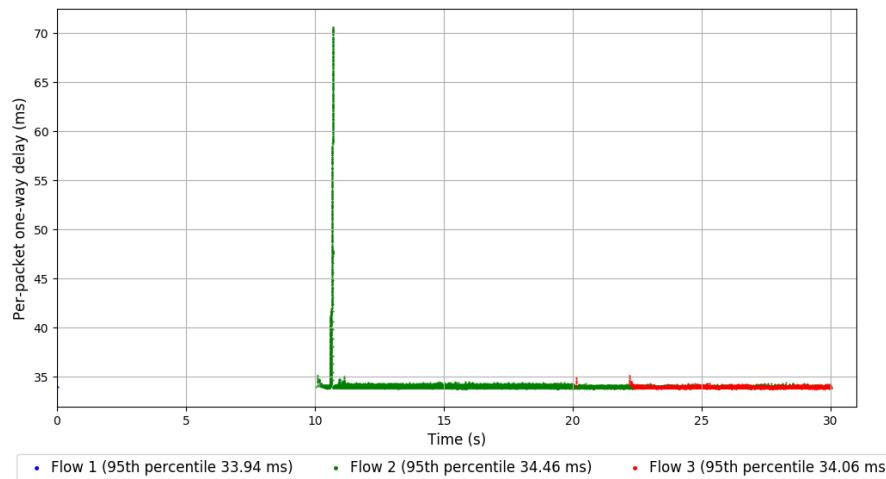
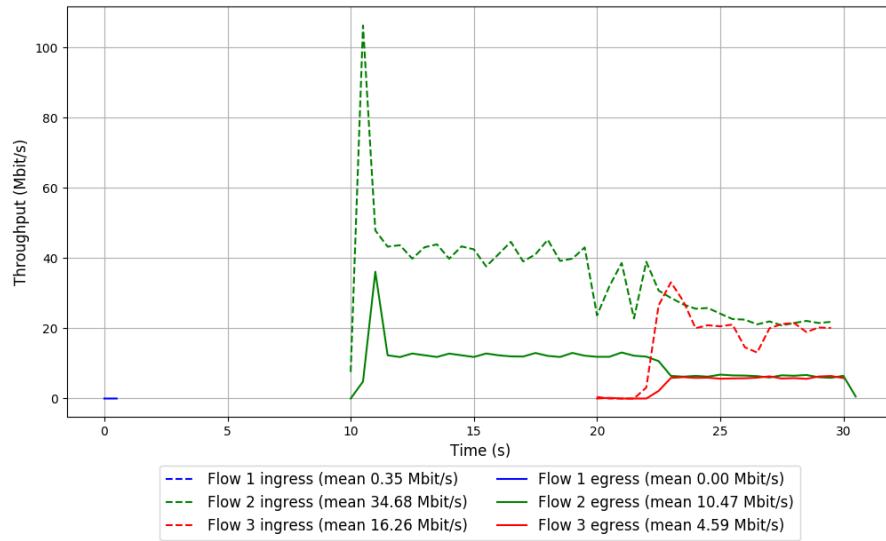


Run 3: Statistics of Copa

```
Start at: 2019-08-27 00:58:32
End at: 2019-08-27 00:59:02
Local clock offset: -1.055 ms
Remote clock offset: 5.168 ms

# Below is generated by plot.py at 2019-08-27 03:19:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.50 Mbit/s
95th percentile per-packet one-way delay: 34.257 ms
Loss rate: 70.18%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 33.938 ms
Loss rate: 95.92%
-- Flow 2:
Average throughput: 10.47 Mbit/s
95th percentile per-packet one-way delay: 34.456 ms
Loss rate: 69.80%
-- Flow 3:
Average throughput: 4.59 Mbit/s
95th percentile per-packet one-way delay: 34.061 ms
Loss rate: 71.78%
```

Run 3: Report of Copa — Data Link

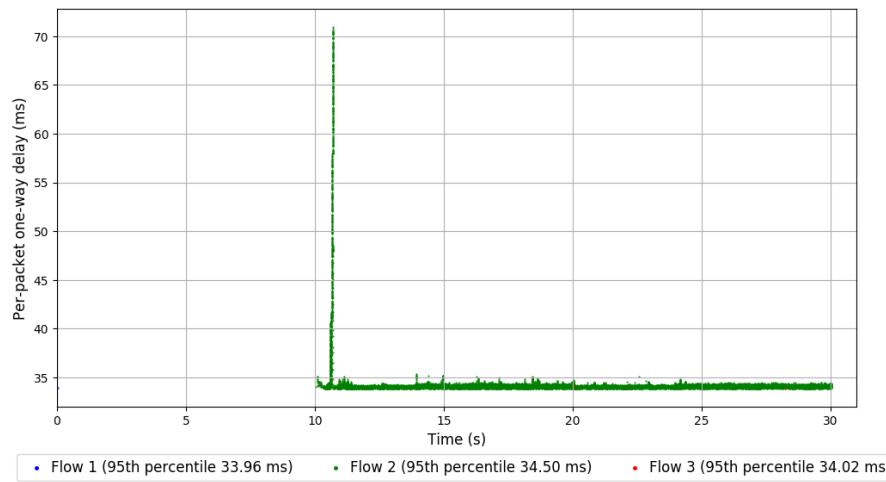
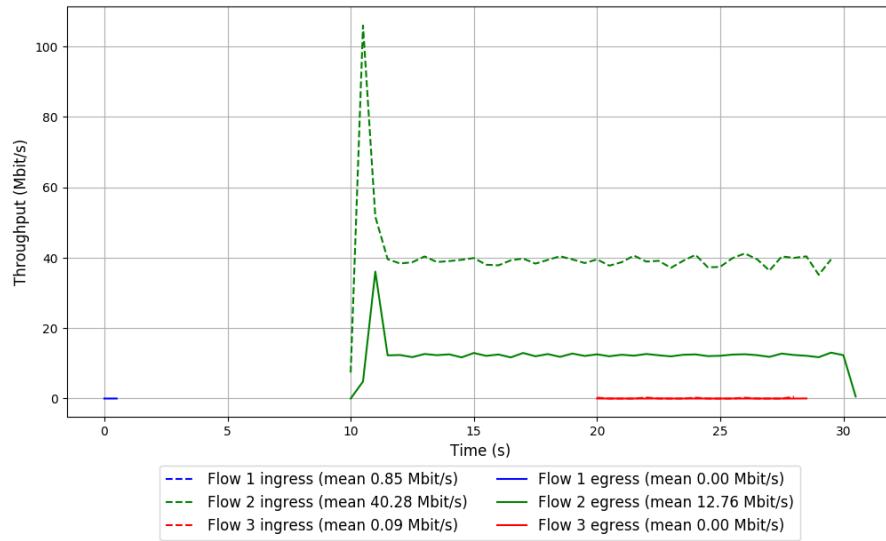


Run 4: Statistics of Copa

```
Start at: 2019-08-27 01:52:02
End at: 2019-08-27 01:52:32
Local clock offset: -0.866 ms
Remote clock offset: 3.279 ms

# Below is generated by plot.py at 2019-08-27 03:19:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.50 Mbit/s
95th percentile per-packet one-way delay: 34.497 ms
Loss rate: 68.36%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 33.962 ms
Loss rate: 98.33%
-- Flow 2:
Average throughput: 12.76 Mbit/s
95th percentile per-packet one-way delay: 34.497 ms
Loss rate: 68.33%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 34.019 ms
Loss rate: 96.69%
```

Run 4: Report of Copa — Data Link

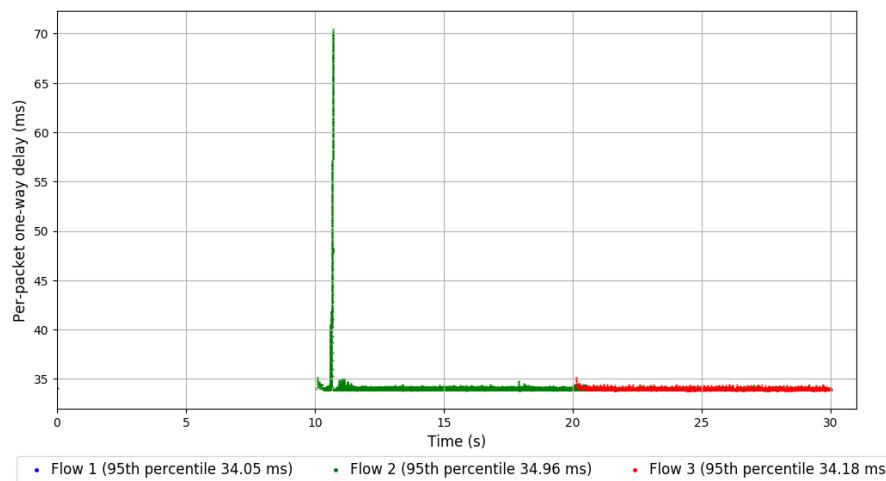
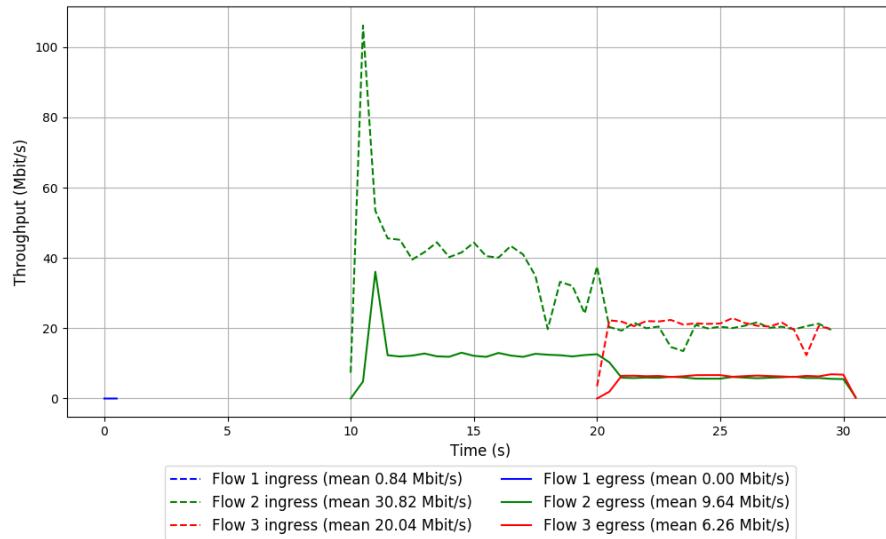


Run 5: Statistics of Copa

```
Start at: 2019-08-27 02:35:46
End at: 2019-08-27 02:36:16
Local clock offset: -1.173 ms
Remote clock offset: 3.846 ms

# Below is generated by plot.py at 2019-08-27 03:19:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.50 Mbit/s
95th percentile per-packet one-way delay: 34.326 ms
Loss rate: 68.74%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 34.047 ms
Loss rate: 98.33%
-- Flow 2:
Average throughput: 9.64 Mbit/s
95th percentile per-packet one-way delay: 34.958 ms
Loss rate: 68.74%
-- Flow 3:
Average throughput: 6.26 Mbit/s
95th percentile per-packet one-way delay: 34.176 ms
Loss rate: 68.75%
```

Run 5: Report of Copa — Data Link

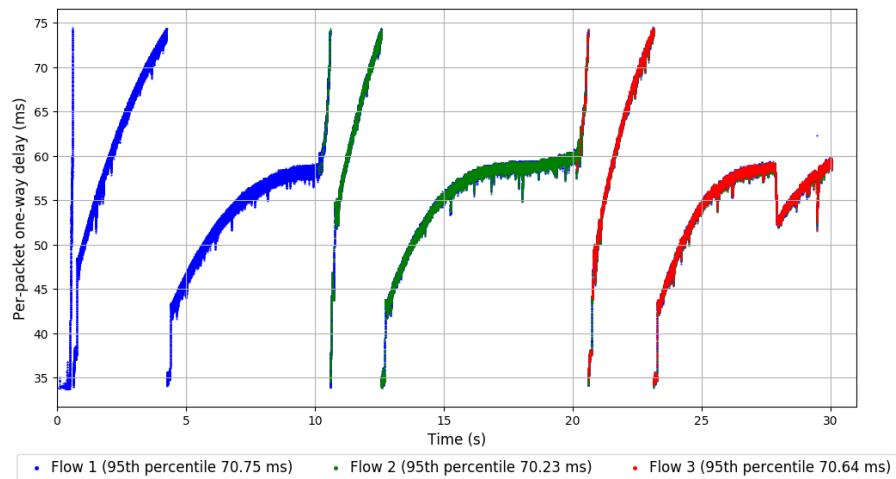
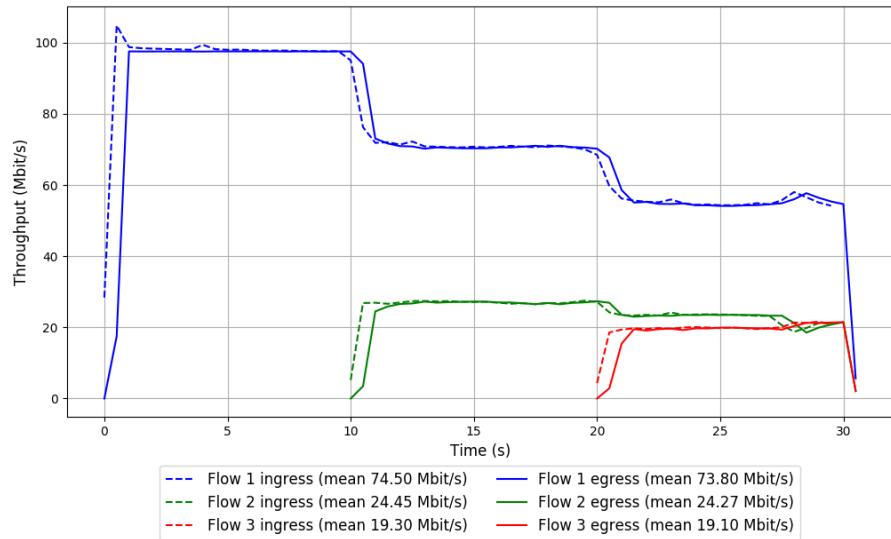


```
Run 1: Statistics of TCP Cubic

Start at: 2019-08-26 23:31:30
End at: 2019-08-26 23:32:00
Local clock offset: -0.763 ms
Remote clock offset: 4.422 ms

# Below is generated by plot.py at 2019-08-27 03:19:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.30 Mbit/s
95th percentile per-packet one-way delay: 70.672 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 73.80 Mbit/s
95th percentile per-packet one-way delay: 70.751 ms
Loss rate: 0.86%
-- Flow 2:
Average throughput: 24.27 Mbit/s
95th percentile per-packet one-way delay: 70.233 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 19.10 Mbit/s
95th percentile per-packet one-way delay: 70.641 ms
Loss rate: 1.05%
```

Run 1: Report of TCP Cubic — Data Link

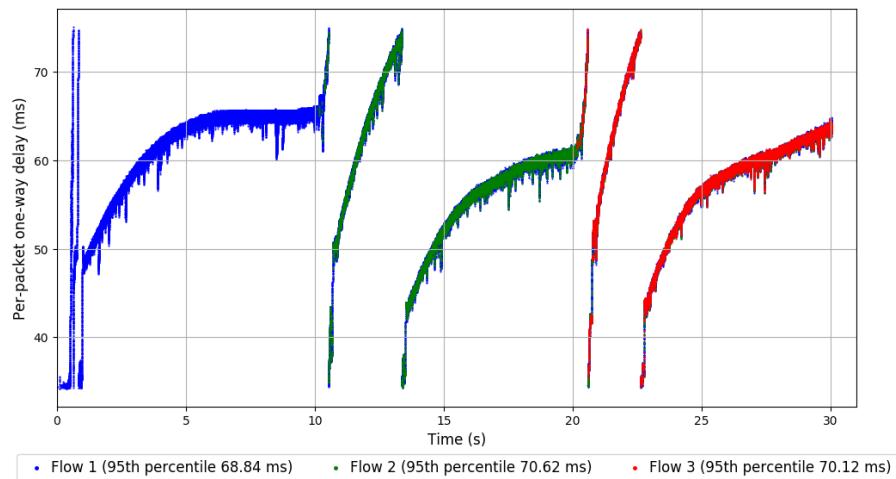
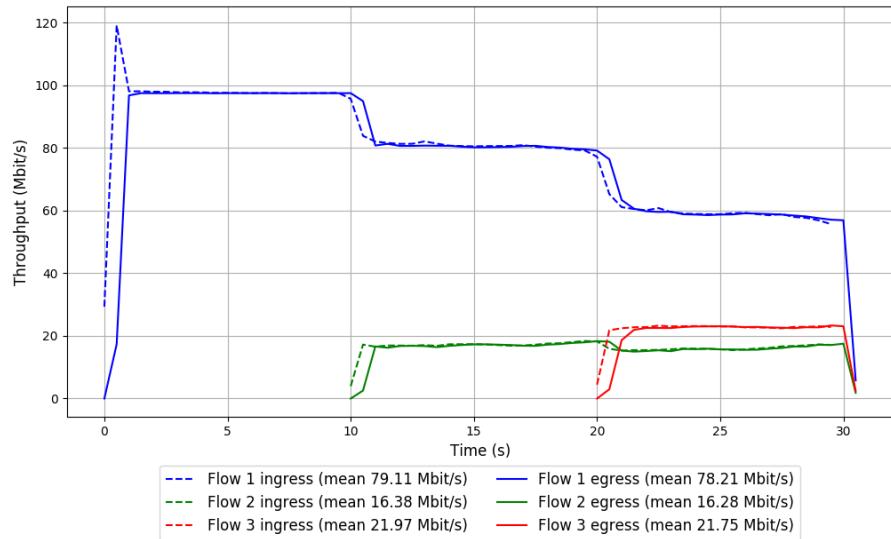


Run 2: Statistics of TCP Cubic

```
Start at: 2019-08-27 00:17:45
End at: 2019-08-27 00:18:15
Local clock offset: -1.092 ms
Remote clock offset: 6.202 ms

# Below is generated by plot.py at 2019-08-27 03:19:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 69.294 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 78.21 Mbit/s
95th percentile per-packet one-way delay: 68.838 ms
Loss rate: 1.03%
-- Flow 2:
Average throughput: 16.28 Mbit/s
95th percentile per-packet one-way delay: 70.616 ms
Loss rate: 0.66%
-- Flow 3:
Average throughput: 21.75 Mbit/s
95th percentile per-packet one-way delay: 70.121 ms
Loss rate: 0.97%
```

Run 2: Report of TCP Cubic — Data Link

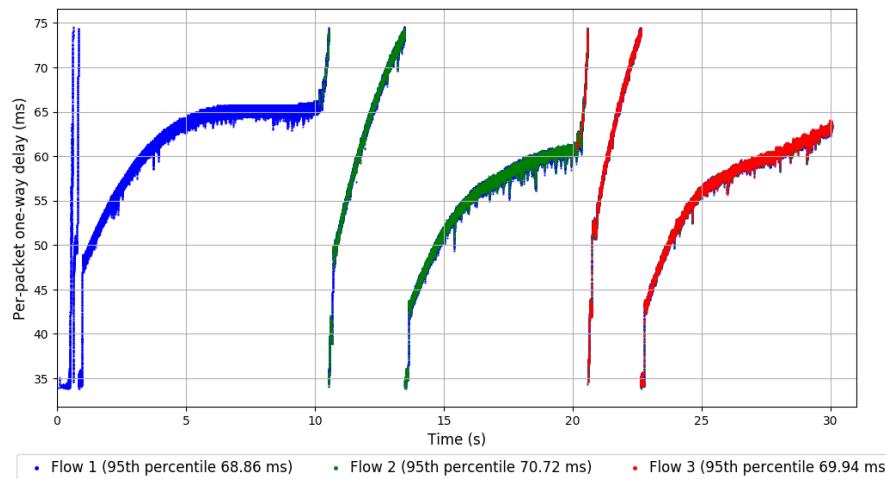
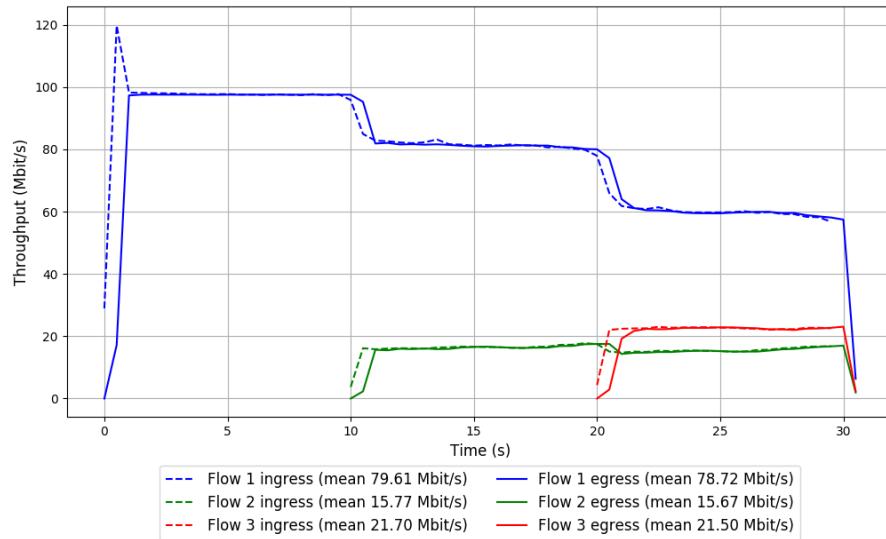


Run 3: Statistics of TCP Cubic

```
Start at: 2019-08-27 01:10:26
End at: 2019-08-27 01:10:56
Local clock offset: -0.934 ms
Remote clock offset: 6.0 ms

# Below is generated by plot.py at 2019-08-27 03:19:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.29 Mbit/s
95th percentile per-packet one-way delay: 69.173 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 78.72 Mbit/s
95th percentile per-packet one-way delay: 68.865 ms
Loss rate: 1.03%
-- Flow 2:
Average throughput: 15.67 Mbit/s
95th percentile per-packet one-way delay: 70.725 ms
Loss rate: 0.66%
-- Flow 3:
Average throughput: 21.50 Mbit/s
95th percentile per-packet one-way delay: 69.940 ms
Loss rate: 0.91%
```

Run 3: Report of TCP Cubic — Data Link

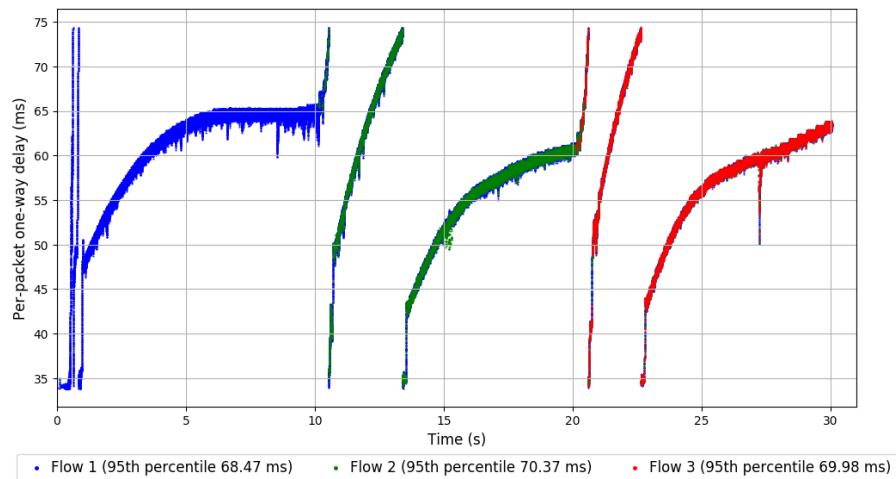
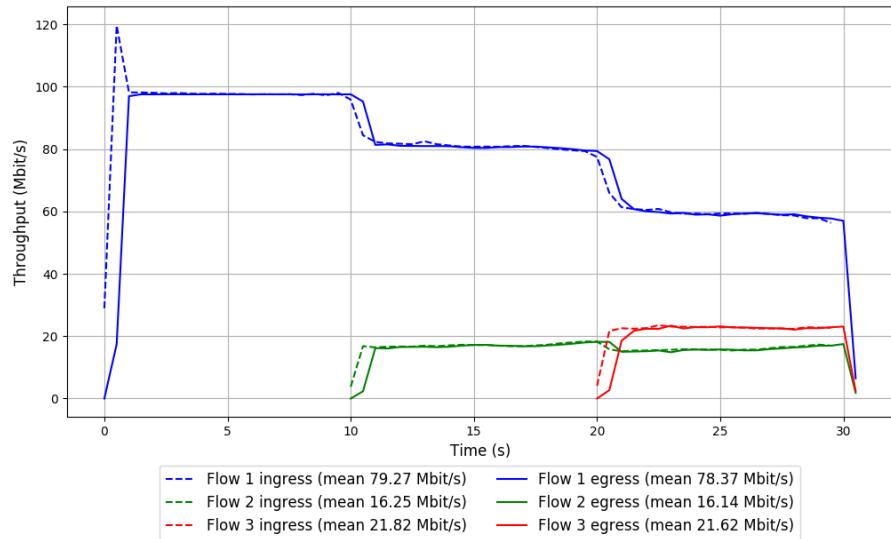


Run 4: Statistics of TCP Cubic

```
Start at: 2019-08-27 02:00:28
End at: 2019-08-27 02:00:58
Local clock offset: -0.886 ms
Remote clock offset: 3.12 ms

# Below is generated by plot.py at 2019-08-27 03:20:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.29 Mbit/s
95th percentile per-packet one-way delay: 68.934 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 78.37 Mbit/s
95th percentile per-packet one-way delay: 68.474 ms
Loss rate: 1.03%
-- Flow 2:
Average throughput: 16.14 Mbit/s
95th percentile per-packet one-way delay: 70.374 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 21.62 Mbit/s
95th percentile per-packet one-way delay: 69.980 ms
Loss rate: 0.89%
```

Run 4: Report of TCP Cubic — Data Link

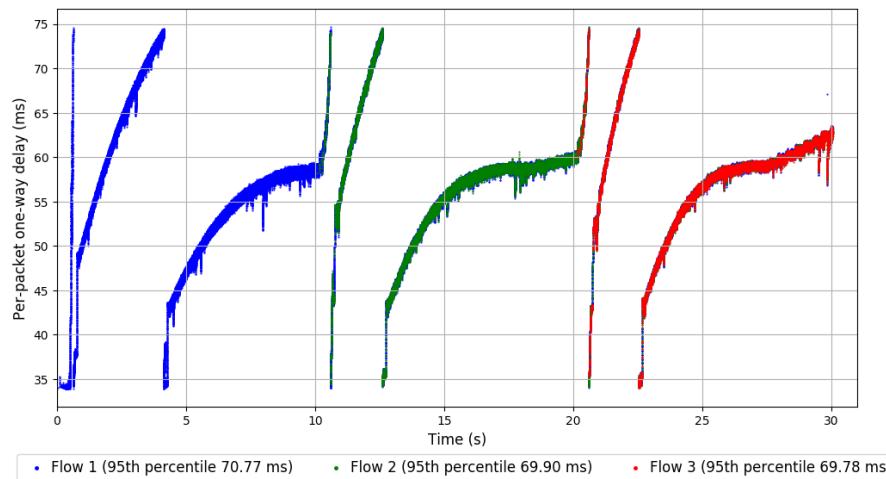
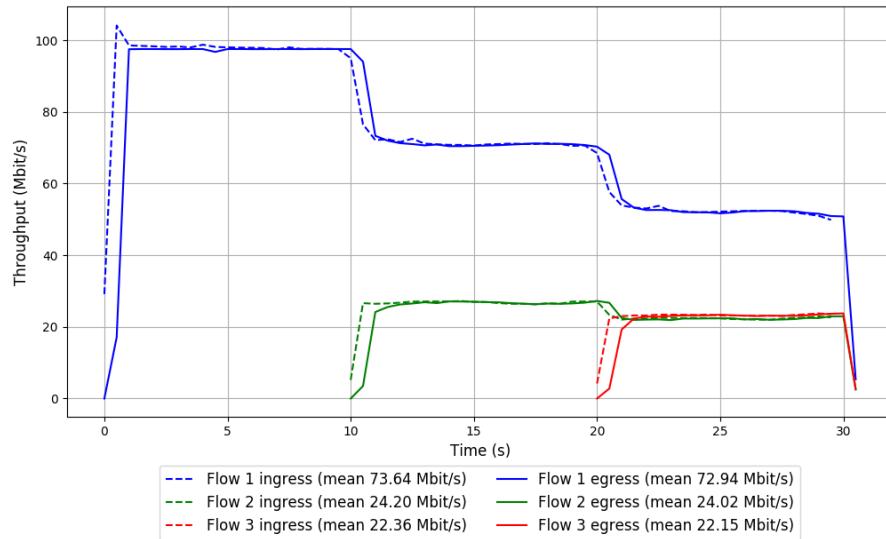


Run 5: Statistics of TCP Cubic

```
Start at: 2019-08-27 02:48:12
End at: 2019-08-27 02:48:42
Local clock offset: -1.258 ms
Remote clock offset: 4.334 ms

# Below is generated by plot.py at 2019-08-27 03:20:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 70.643 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 72.94 Mbit/s
95th percentile per-packet one-way delay: 70.772 ms
Loss rate: 0.86%
-- Flow 2:
Average throughput: 24.02 Mbit/s
95th percentile per-packet one-way delay: 69.897 ms
Loss rate: 0.74%
-- Flow 3:
Average throughput: 22.15 Mbit/s
95th percentile per-packet one-way delay: 69.784 ms
Loss rate: 0.92%
```

Run 5: Report of TCP Cubic — Data Link

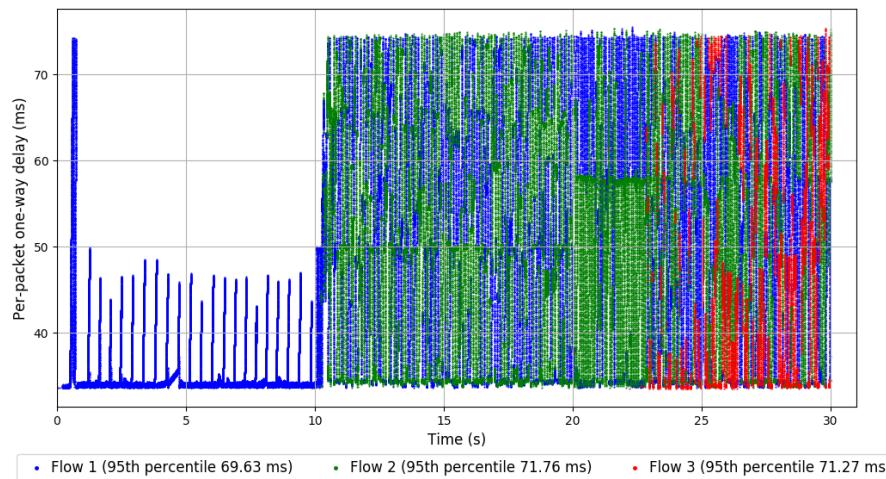
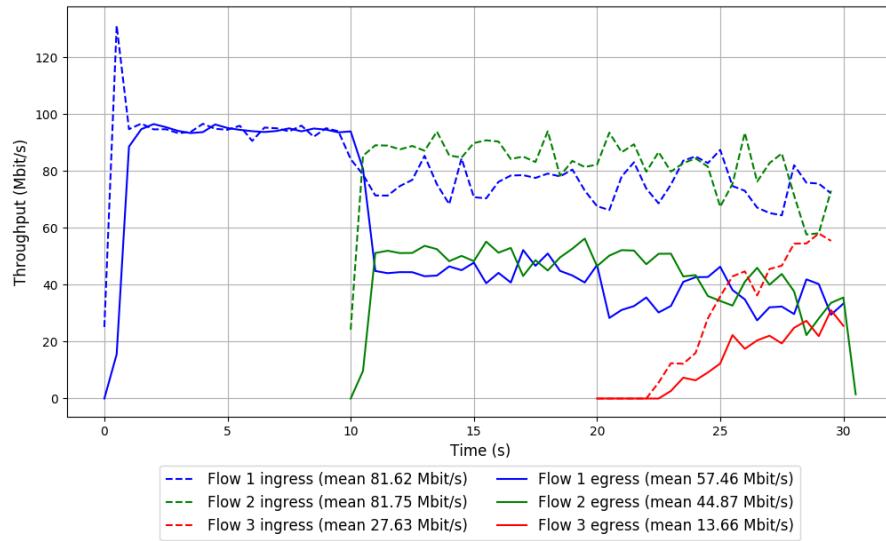


```
Run 1: Statistics of FillP

Start at: 2019-08-26 23:17:45
End at: 2019-08-26 23:18:15
Local clock offset: -0.623 ms
Remote clock offset: 4.646 ms

# Below is generated by plot.py at 2019-08-27 03:20:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.81 Mbit/s
95th percentile per-packet one-way delay: 70.708 ms
Loss rate: 36.76%
-- Flow 1:
Average throughput: 57.46 Mbit/s
95th percentile per-packet one-way delay: 69.632 ms
Loss rate: 29.62%
-- Flow 2:
Average throughput: 44.87 Mbit/s
95th percentile per-packet one-way delay: 71.757 ms
Loss rate: 45.11%
-- Flow 3:
Average throughput: 13.66 Mbit/s
95th percentile per-packet one-way delay: 71.271 ms
Loss rate: 50.76%
```

Run 1: Report of FillP — Data Link

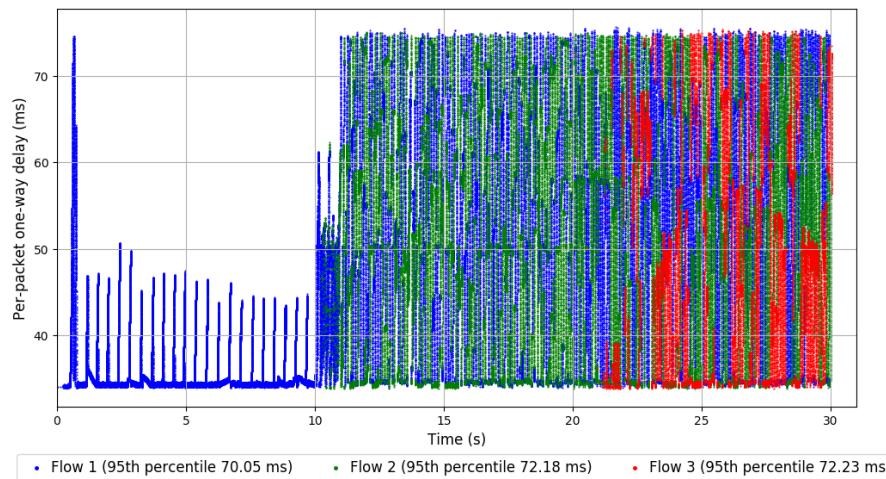
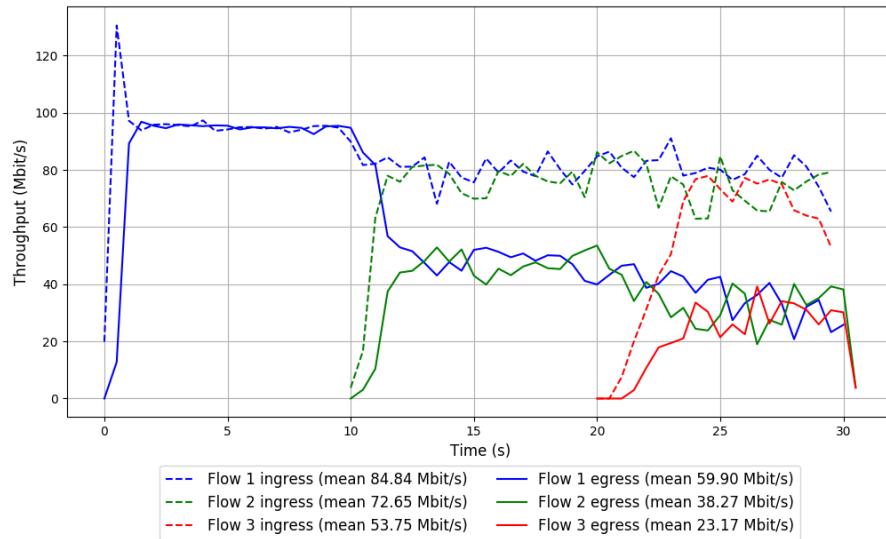


Run 2: Statistics of FillP

```
Start at: 2019-08-27 00:03:10
End at: 2019-08-27 00:03:40
Local clock offset: -1.058 ms
Remote clock offset: 6.469 ms

# Below is generated by plot.py at 2019-08-27 03:20:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.93 Mbit/s
95th percentile per-packet one-way delay: 71.290 ms
Loss rate: 38.37%
-- Flow 1:
Average throughput: 59.90 Mbit/s
95th percentile per-packet one-way delay: 70.054 ms
Loss rate: 29.40%
-- Flow 2:
Average throughput: 38.27 Mbit/s
95th percentile per-packet one-way delay: 72.184 ms
Loss rate: 47.26%
-- Flow 3:
Average throughput: 23.17 Mbit/s
95th percentile per-packet one-way delay: 72.229 ms
Loss rate: 56.89%
```

Run 2: Report of FillP — Data Link

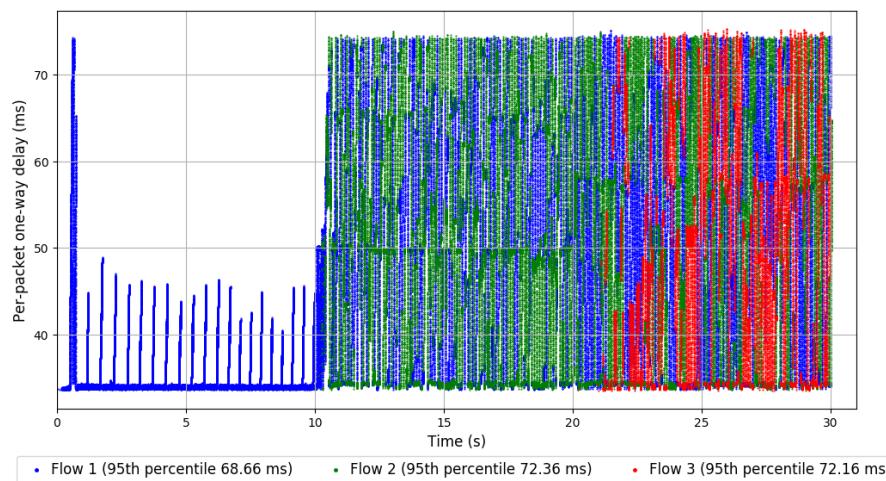
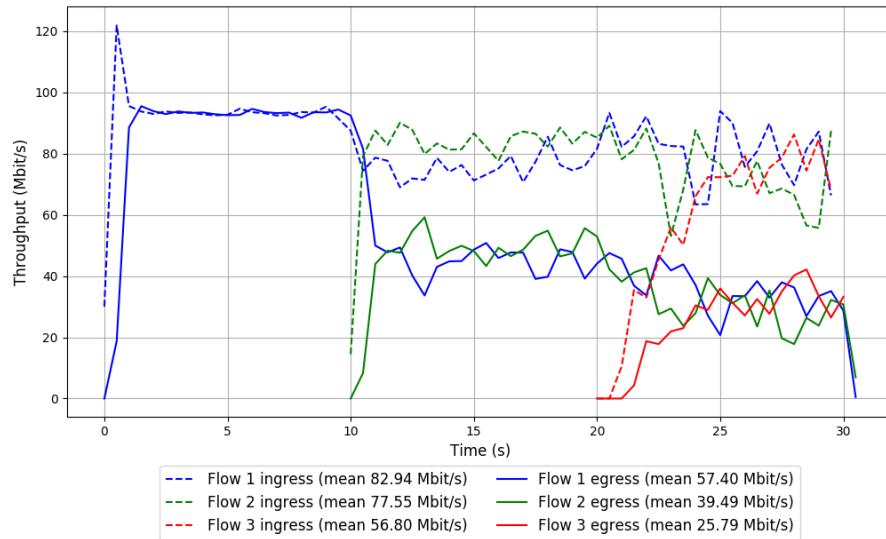


Run 3: Statistics of FillP

```
Start at: 2019-08-27 00:53:13
End at: 2019-08-27 00:53:43
Local clock offset: -1.097 ms
Remote clock offset: 4.677 ms

# Below is generated by plot.py at 2019-08-27 03:20:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.14 Mbit/s
95th percentile per-packet one-way delay: 70.794 ms
Loss rate: 39.86%
-- Flow 1:
Average throughput: 57.40 Mbit/s
95th percentile per-packet one-way delay: 68.655 ms
Loss rate: 30.80%
-- Flow 2:
Average throughput: 39.49 Mbit/s
95th percentile per-packet one-way delay: 72.362 ms
Loss rate: 48.99%
-- Flow 3:
Average throughput: 25.79 Mbit/s
95th percentile per-packet one-way delay: 72.160 ms
Loss rate: 54.76%
```

Run 3: Report of FillP — Data Link

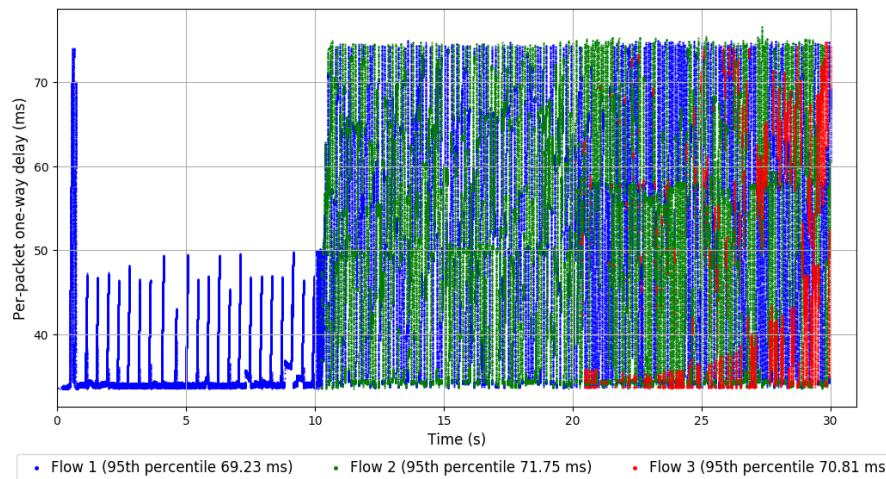
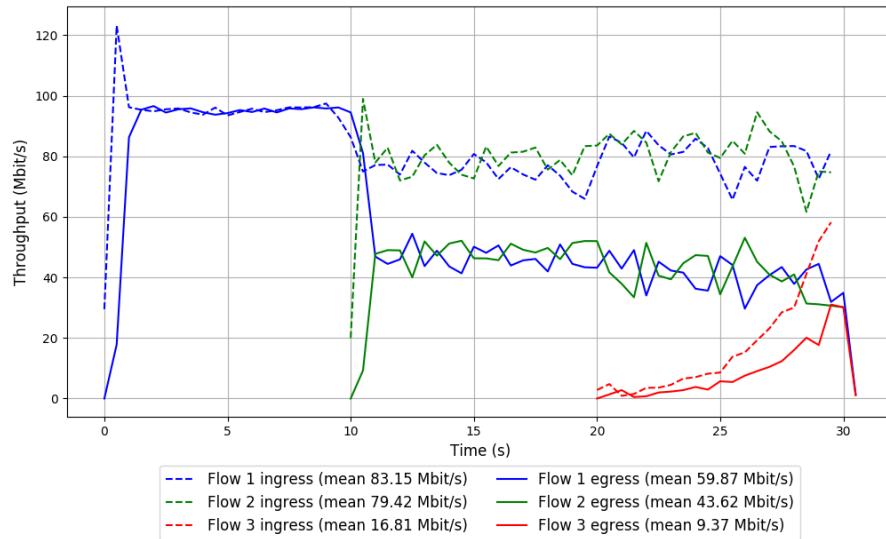


Run 4: Statistics of FillP

```
Start at: 2019-08-27 01:47:35
End at: 2019-08-27 01:48:05
Local clock offset: -0.861 ms
Remote clock offset: 3.344 ms

# Below is generated by plot.py at 2019-08-27 03:21:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.97 Mbit/s
95th percentile per-packet one-way delay: 70.385 ms
Loss rate: 35.03%
-- Flow 1:
Average throughput: 59.87 Mbit/s
95th percentile per-packet one-way delay: 69.234 ms
Loss rate: 27.99%
-- Flow 2:
Average throughput: 43.62 Mbit/s
95th percentile per-packet one-way delay: 71.750 ms
Loss rate: 45.12%
-- Flow 3:
Average throughput: 9.37 Mbit/s
95th percentile per-packet one-way delay: 70.811 ms
Loss rate: 44.26%
```

Run 4: Report of FillP — Data Link

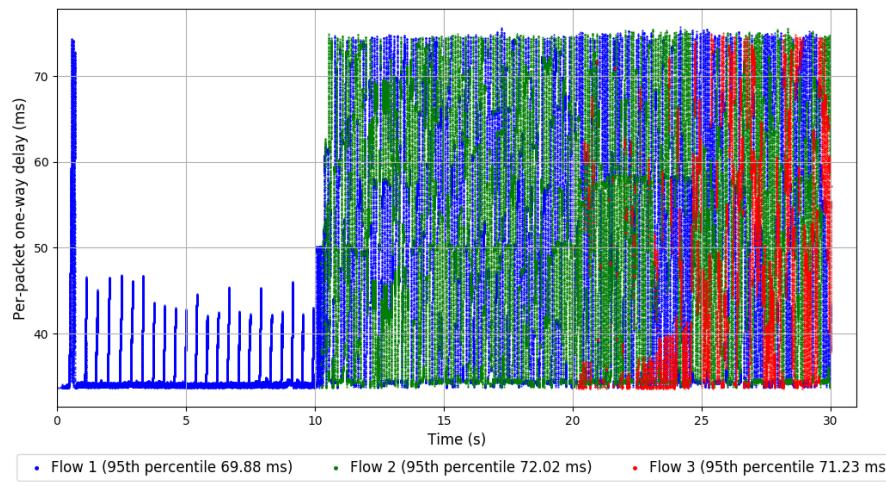
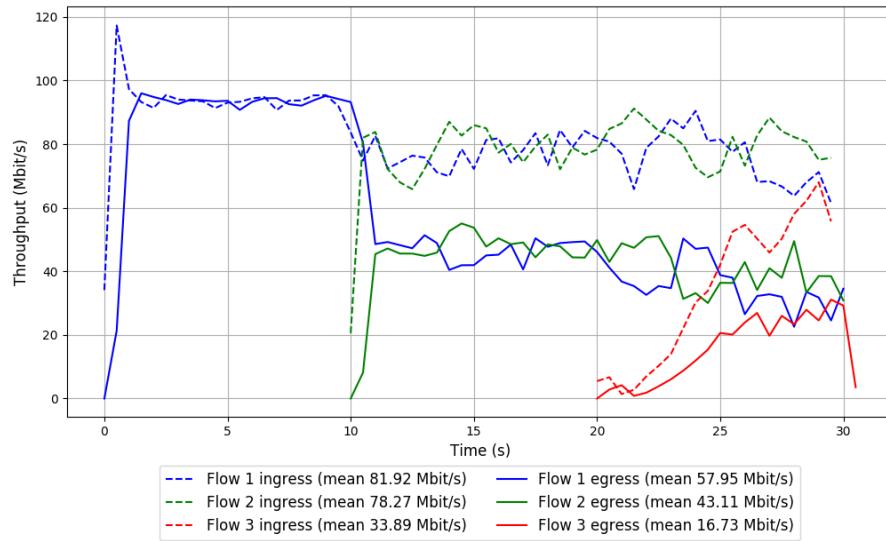


Run 5: Statistics of FillP

```
Start at: 2019-08-27 02:30:01
End at: 2019-08-27 02:30:31
Local clock offset: -1.168 ms
Remote clock offset: 3.108 ms

# Below is generated by plot.py at 2019-08-27 03:21:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.10 Mbit/s
95th percentile per-packet one-way delay: 71.017 ms
Loss rate: 36.52%
-- Flow 1:
Average throughput: 57.95 Mbit/s
95th percentile per-packet one-way delay: 69.877 ms
Loss rate: 29.25%
-- Flow 2:
Average throughput: 43.11 Mbit/s
95th percentile per-packet one-way delay: 72.016 ms
Loss rate: 44.92%
-- Flow 3:
Average throughput: 16.73 Mbit/s
95th percentile per-packet one-way delay: 71.233 ms
Loss rate: 50.58%
```

Run 5: Report of FillP — Data Link

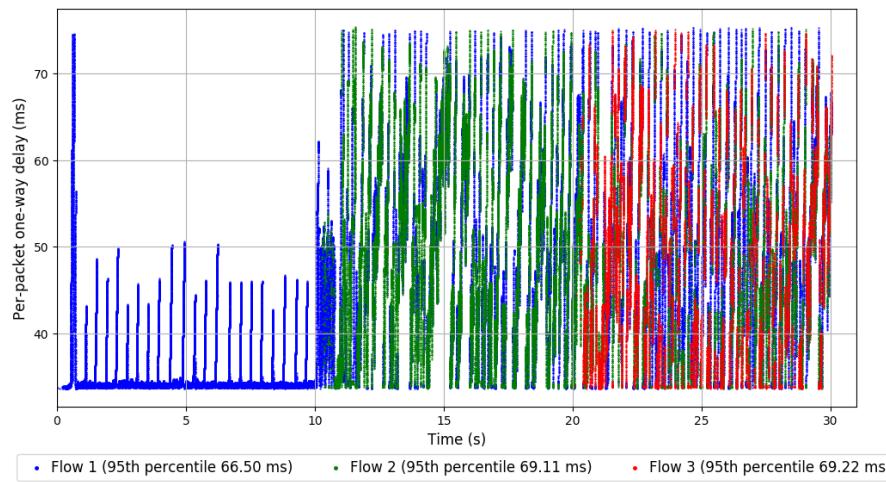
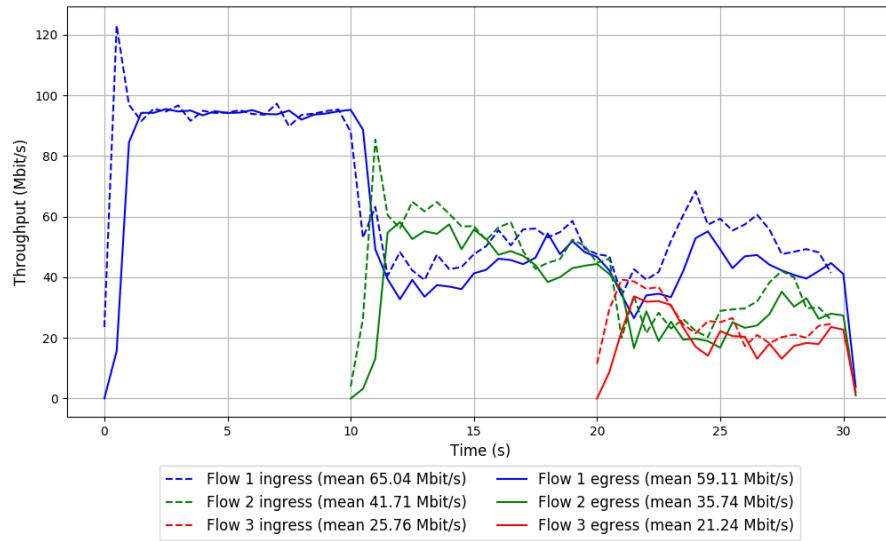


```
Run 1: Statistics of FillP-Sheep
```

```
Start at: 2019-08-26 23:37:32
End at: 2019-08-26 23:38:02
Local clock offset: -0.809 ms
Remote clock offset: 4.477 ms

# Below is generated by plot.py at 2019-08-27 03:21:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.93 Mbit/s
95th percentile per-packet one-way delay: 67.820 ms
Loss rate: 11.14%
-- Flow 1:
Average throughput: 59.11 Mbit/s
95th percentile per-packet one-way delay: 66.498 ms
Loss rate: 9.03%
-- Flow 2:
Average throughput: 35.74 Mbit/s
95th percentile per-packet one-way delay: 69.111 ms
Loss rate: 14.20%
-- Flow 3:
Average throughput: 21.24 Mbit/s
95th percentile per-packet one-way delay: 69.219 ms
Loss rate: 17.24%
```

Run 1: Report of FillP-Sheep — Data Link

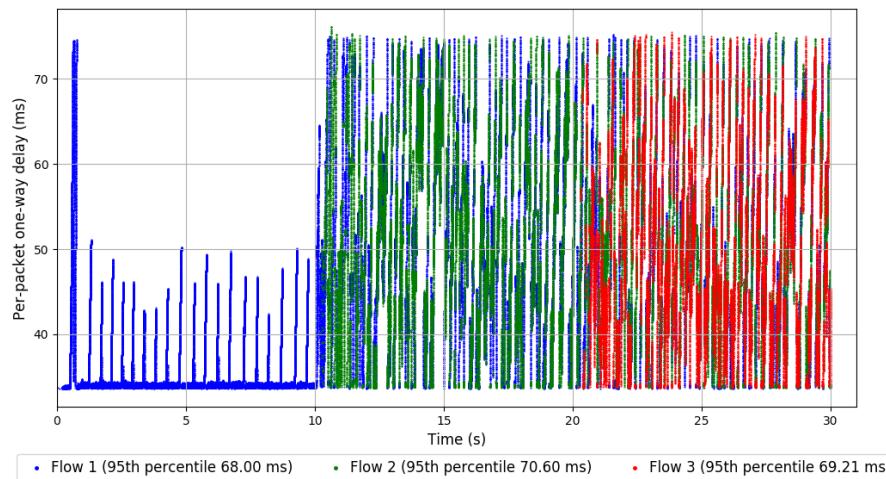
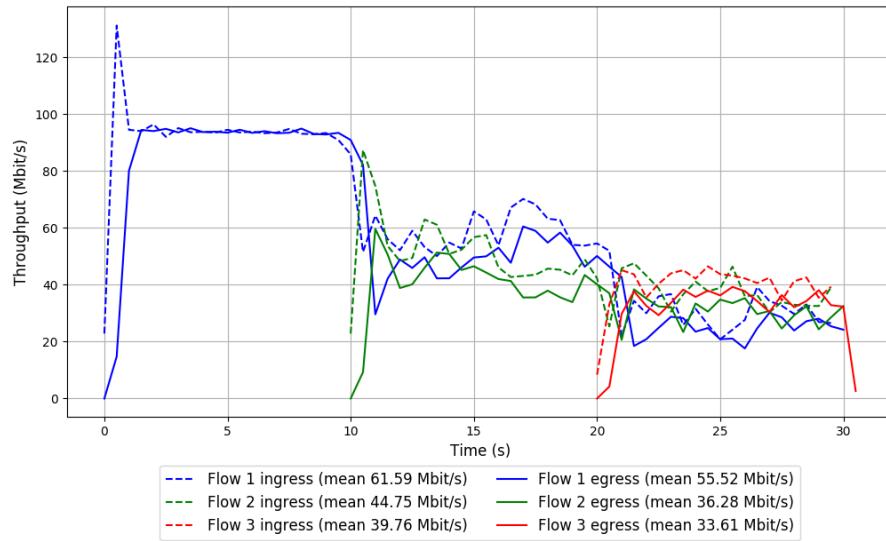


Run 2: Statistics of FillP-Sheep

```
Start at: 2019-08-27 00:24:14
End at: 2019-08-27 00:24:44
Local clock offset: -1.094 ms
Remote clock offset: 5.059 ms

# Below is generated by plot.py at 2019-08-27 03:21:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.71 Mbit/s
95th percentile per-packet one-way delay: 69.248 ms
Loss rate: 13.16%
-- Flow 1:
Average throughput: 55.52 Mbit/s
95th percentile per-packet one-way delay: 68.000 ms
Loss rate: 9.83%
-- Flow 2:
Average throughput: 36.28 Mbit/s
95th percentile per-packet one-way delay: 70.601 ms
Loss rate: 18.92%
-- Flow 3:
Average throughput: 33.61 Mbit/s
95th percentile per-packet one-way delay: 69.206 ms
Loss rate: 15.67%
```

Run 2: Report of FillP-Sheep — Data Link

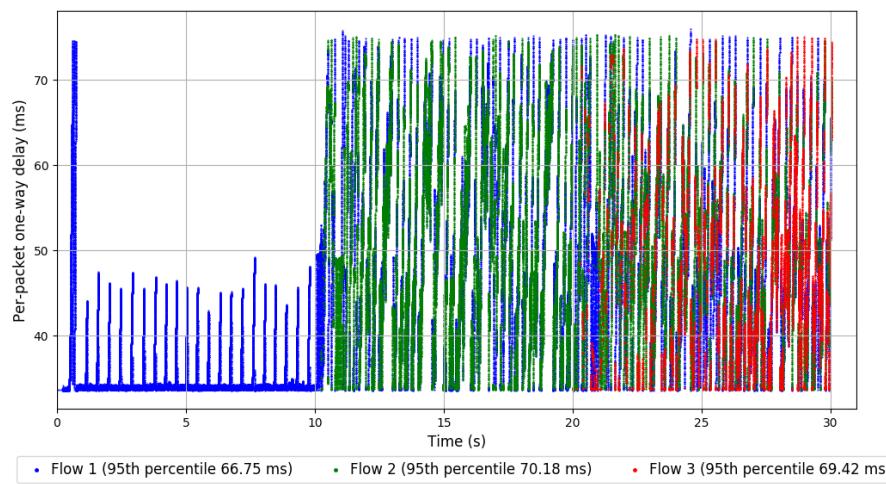
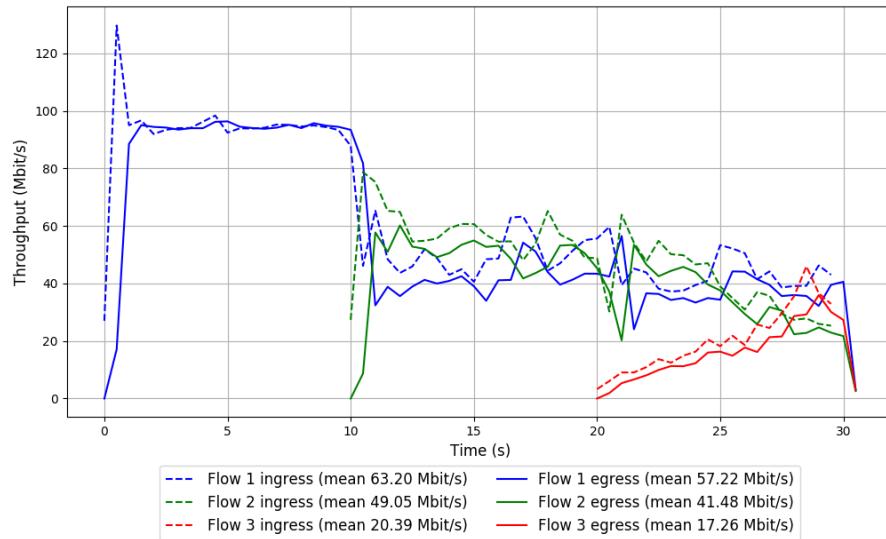


Run 3: Statistics of FillP-Sheep

```
Start at: 2019-08-27 01:17:20
End at: 2019-08-27 01:17:50
Local clock offset: -0.891 ms
Remote clock offset: 6.153 ms

# Below is generated by plot.py at 2019-08-27 03:21:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.52 Mbit/s
95th percentile per-packet one-way delay: 68.496 ms
Loss rate: 11.64%
-- Flow 1:
Average throughput: 57.22 Mbit/s
95th percentile per-packet one-way delay: 66.755 ms
Loss rate: 9.38%
-- Flow 2:
Average throughput: 41.48 Mbit/s
95th percentile per-packet one-way delay: 70.184 ms
Loss rate: 15.31%
-- Flow 3:
Average throughput: 17.26 Mbit/s
95th percentile per-packet one-way delay: 69.417 ms
Loss rate: 15.00%
```

Run 3: Report of FillP-Sheep — Data Link

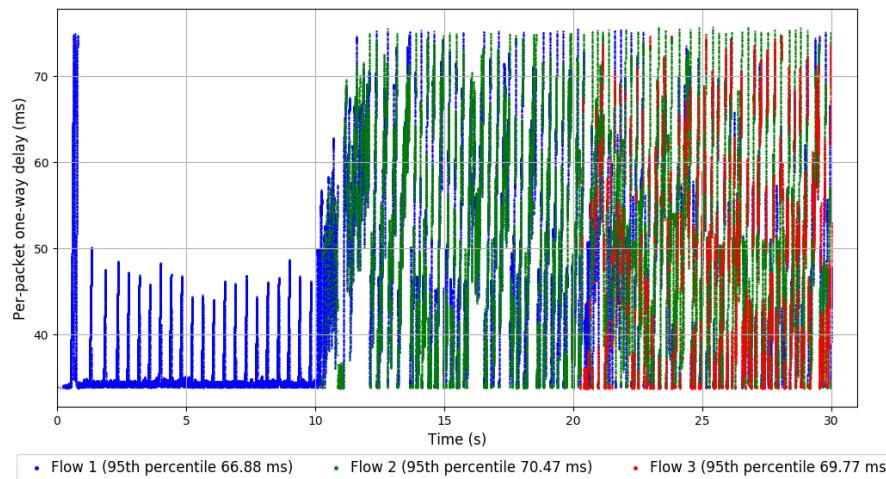
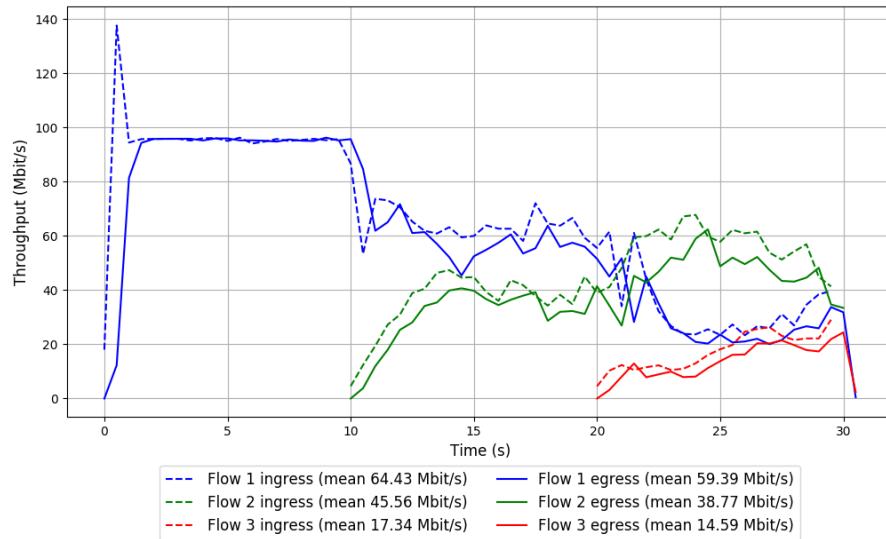


Run 4: Statistics of FillP-Sheep

```
Start at: 2019-08-27 02:06:07
End at: 2019-08-27 02:06:37
Local clock offset: -0.913 ms
Remote clock offset: 3.165 ms

# Below is generated by plot.py at 2019-08-27 03:22:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.98 Mbit/s
95th percentile per-packet one-way delay: 68.492 ms
Loss rate: 10.40%
-- Flow 1:
Average throughput: 59.39 Mbit/s
95th percentile per-packet one-way delay: 66.882 ms
Loss rate: 7.79%
-- Flow 2:
Average throughput: 38.77 Mbit/s
95th percentile per-packet one-way delay: 70.475 ms
Loss rate: 14.91%
-- Flow 3:
Average throughput: 14.59 Mbit/s
95th percentile per-packet one-way delay: 69.766 ms
Loss rate: 15.87%
```

Run 4: Report of FillP-Sheep — Data Link

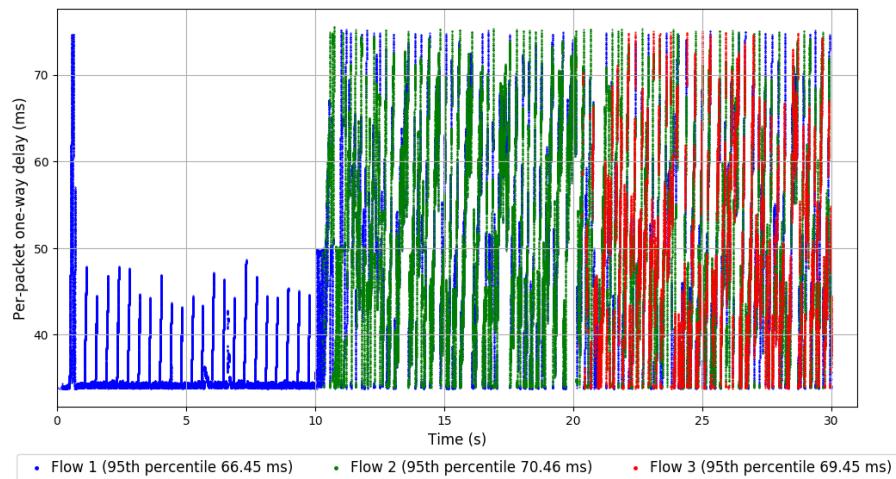
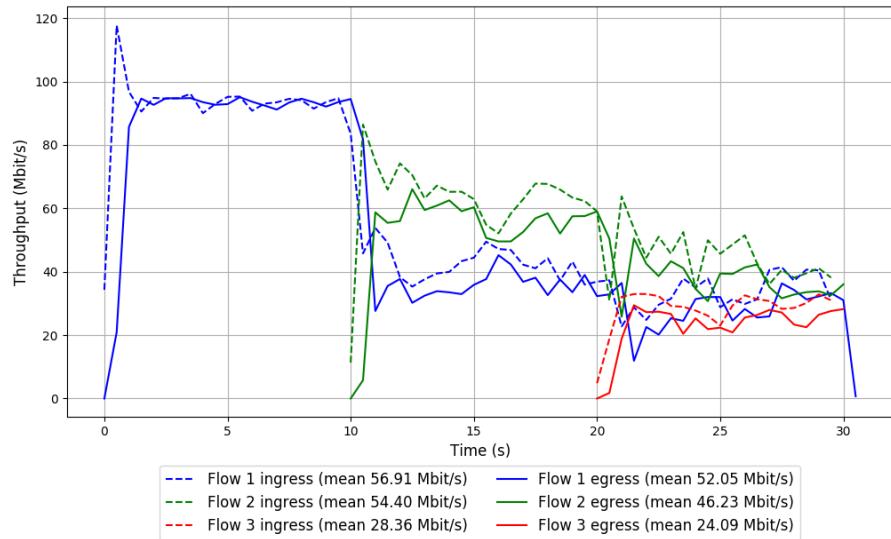


Run 5: Statistics of FillP-Sheep

```
Start at: 2019-08-27 02:54:54
End at: 2019-08-27 02:55:24
Local clock offset: -1.318 ms
Remote clock offset: 4.318 ms

# Below is generated by plot.py at 2019-08-27 03:22:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.76 Mbit/s
95th percentile per-packet one-way delay: 68.764 ms
Loss rate: 11.46%
-- Flow 1:
Average throughput: 52.05 Mbit/s
95th percentile per-packet one-way delay: 66.453 ms
Loss rate: 8.55%
-- Flow 2:
Average throughput: 46.23 Mbit/s
95th percentile per-packet one-way delay: 70.463 ms
Loss rate: 15.02%
-- Flow 3:
Average throughput: 24.09 Mbit/s
95th percentile per-packet one-way delay: 69.450 ms
Loss rate: 15.36%
```

Run 5: Report of FillP-Sheep — Data Link

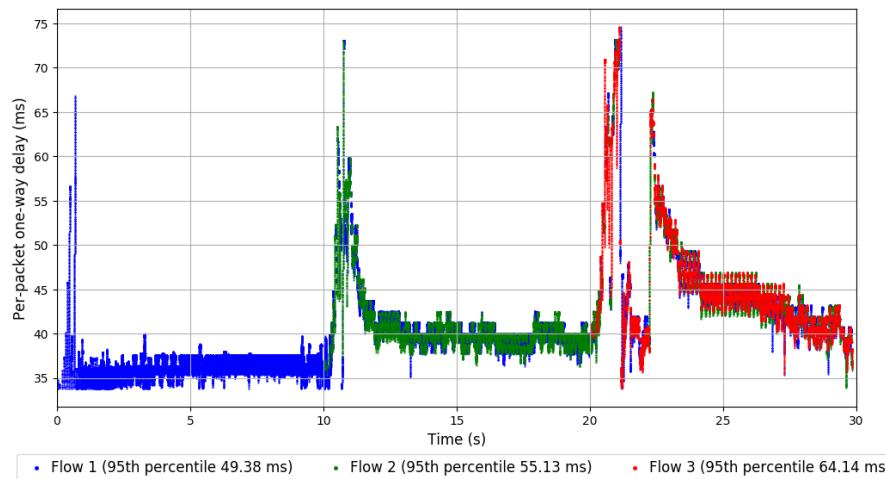
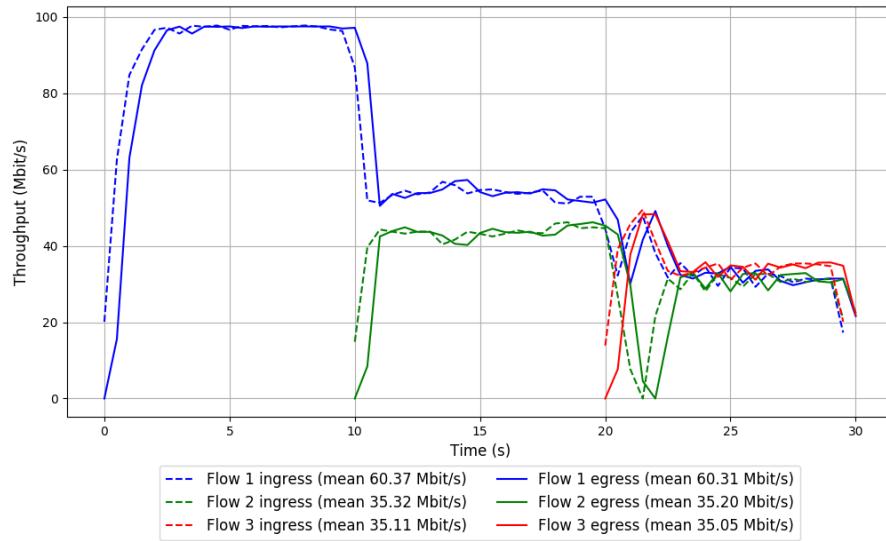


Run 1: Statistics of Indigo

```
Start at: 2019-08-26 23:15:40
End at: 2019-08-26 23:16:10
Local clock offset: -0.646 ms
Remote clock offset: 4.757 ms

# Below is generated by plot.py at 2019-08-27 03:22:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.09 Mbit/s
95th percentile per-packet one-way delay: 53.004 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 60.31 Mbit/s
95th percentile per-packet one-way delay: 49.377 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 35.20 Mbit/s
95th percentile per-packet one-way delay: 55.127 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 35.05 Mbit/s
95th percentile per-packet one-way delay: 64.140 ms
Loss rate: 0.17%
```

Run 1: Report of Indigo — Data Link

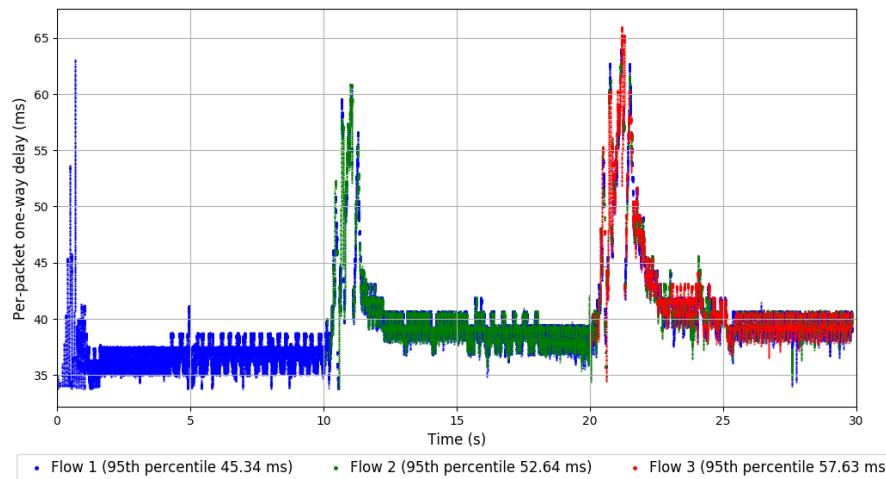
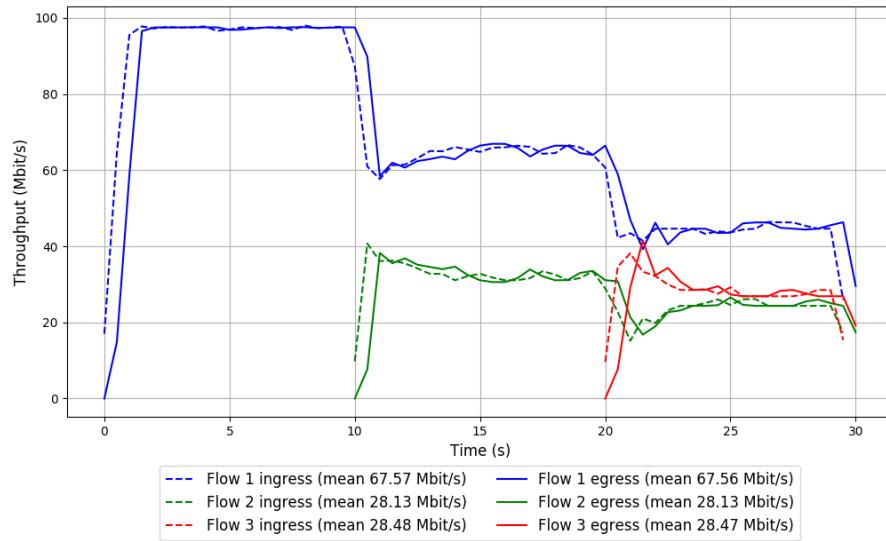


Run 2: Statistics of Indigo

```
Start at: 2019-08-27 00:00:48
End at: 2019-08-27 00:01:18
Local clock offset: -1.04 ms
Remote clock offset: 6.129 ms

# Below is generated by plot.py at 2019-08-27 03:22:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.54 Mbit/s
95th percentile per-packet one-way delay: 49.202 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 67.56 Mbit/s
95th percentile per-packet one-way delay: 45.338 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 28.13 Mbit/s
95th percentile per-packet one-way delay: 52.644 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 28.47 Mbit/s
95th percentile per-packet one-way delay: 57.628 ms
Loss rate: 0.00%
```

Run 2: Report of Indigo — Data Link

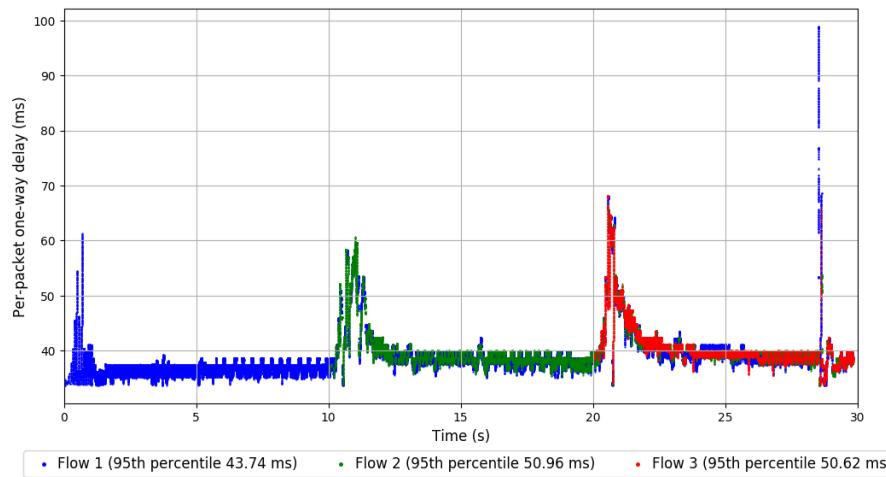
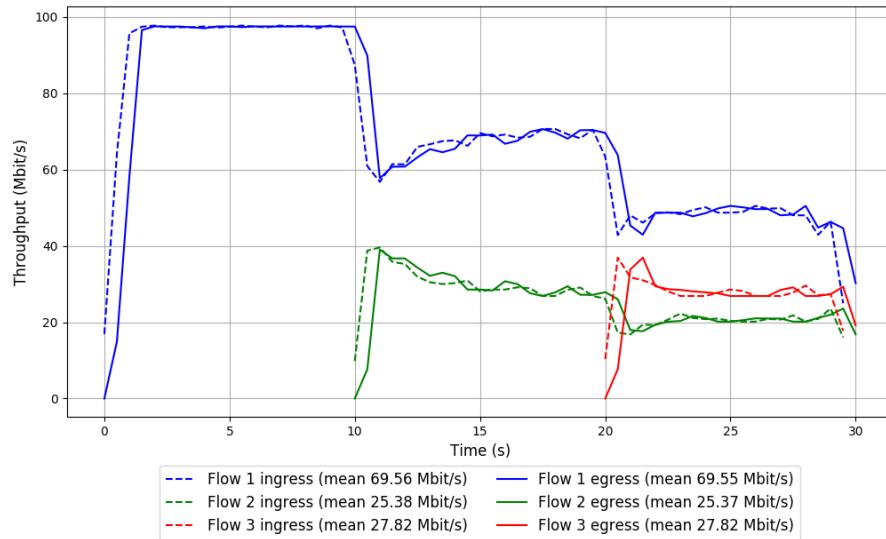


Run 3: Statistics of Indigo

```
Start at: 2019-08-27 00:50:31
End at: 2019-08-27 00:51:01
Local clock offset: -1.121 ms
Remote clock offset: 4.262 ms

# Below is generated by plot.py at 2019-08-27 03:22:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.43 Mbit/s
95th percentile per-packet one-way delay: 47.045 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 69.55 Mbit/s
95th percentile per-packet one-way delay: 43.741 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 25.37 Mbit/s
95th percentile per-packet one-way delay: 50.959 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 27.82 Mbit/s
95th percentile per-packet one-way delay: 50.621 ms
Loss rate: 0.00%
```

Run 3: Report of Indigo — Data Link

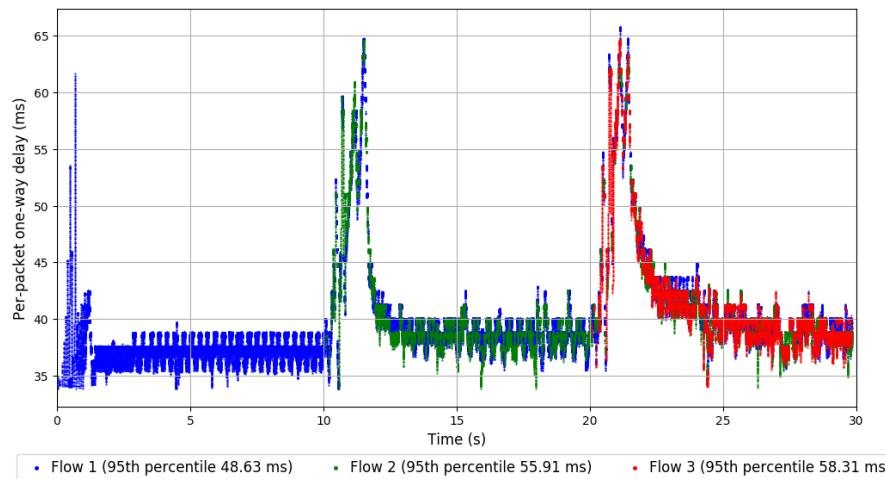
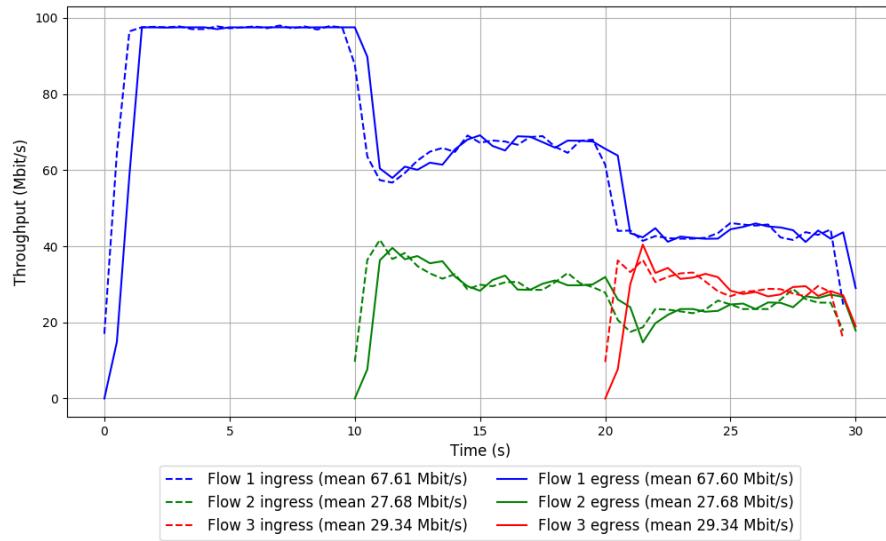


Run 4: Statistics of Indigo

```
Start at: 2019-08-27 01:45:37
End at: 2019-08-27 01:46:08
Local clock offset: -0.88 ms
Remote clock offset: 3.639 ms

# Below is generated by plot.py at 2019-08-27 03:22:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.55 Mbit/s
95th percentile per-packet one-way delay: 52.258 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 67.60 Mbit/s
95th percentile per-packet one-way delay: 48.630 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 27.68 Mbit/s
95th percentile per-packet one-way delay: 55.910 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.34 Mbit/s
95th percentile per-packet one-way delay: 58.311 ms
Loss rate: 0.00%
```

Run 4: Report of Indigo — Data Link

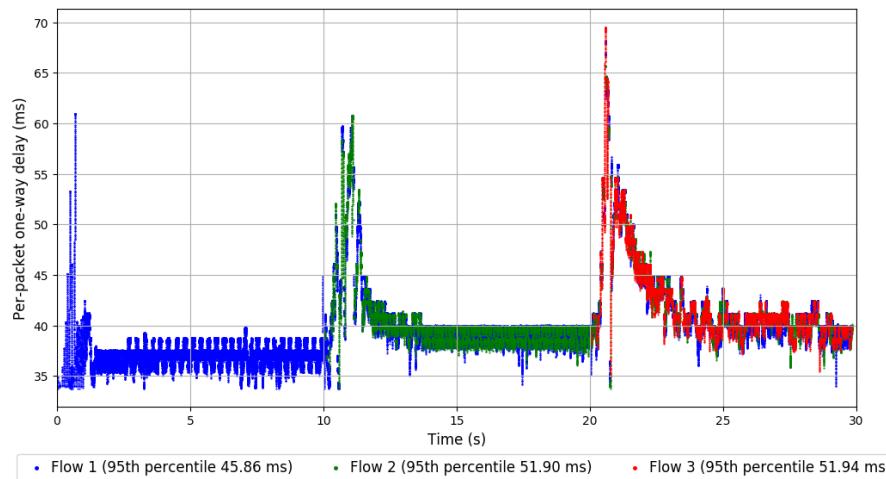
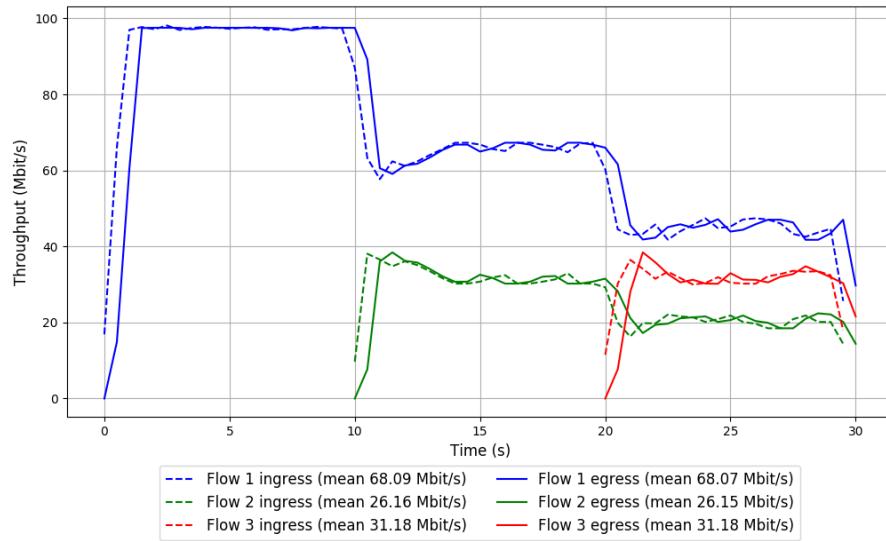


Run 5: Statistics of Indigo

```
Start at: 2019-08-27 02:27:12
End at: 2019-08-27 02:27:42
Local clock offset: -1.087 ms
Remote clock offset: 3.075 ms

# Below is generated by plot.py at 2019-08-27 03:23:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.54 Mbit/s
95th percentile per-packet one-way delay: 48.753 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 68.07 Mbit/s
95th percentile per-packet one-way delay: 45.857 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 26.15 Mbit/s
95th percentile per-packet one-way delay: 51.904 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 31.18 Mbit/s
95th percentile per-packet one-way delay: 51.935 ms
Loss rate: 0.00%
```

Run 5: Report of Indigo — Data Link

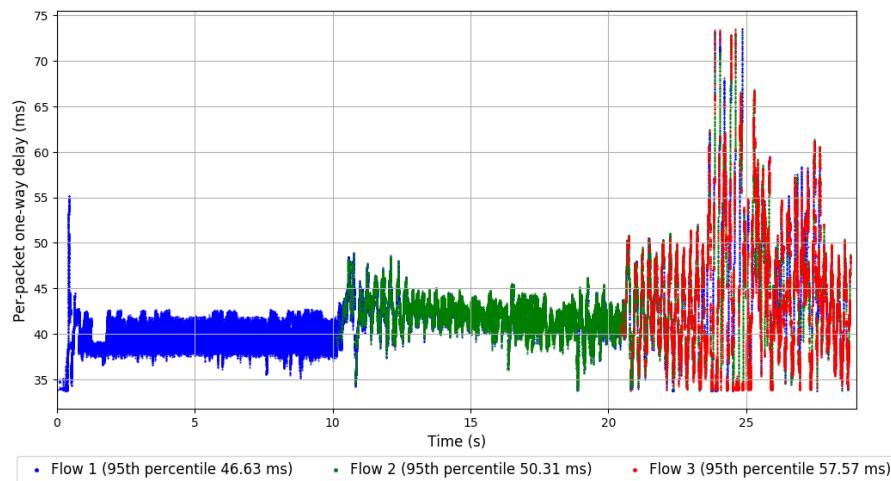
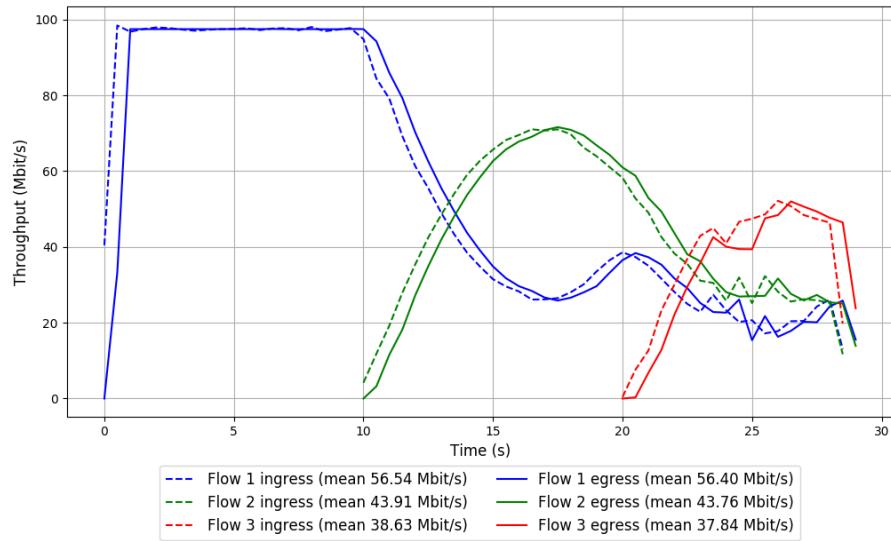


Run 1: Statistics of Indigo-MusesC3

```
Start at: 2019-08-26 23:50:05
End at: 2019-08-26 23:50:35
Local clock offset: -0.963 ms
Remote clock offset: 5.656 ms

# Below is generated by plot.py at 2019-08-27 03:23:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.86 Mbit/s
95th percentile per-packet one-way delay: 50.414 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 56.40 Mbit/s
95th percentile per-packet one-way delay: 46.629 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 43.76 Mbit/s
95th percentile per-packet one-way delay: 50.312 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 37.84 Mbit/s
95th percentile per-packet one-way delay: 57.571 ms
Loss rate: 1.93%
```

Run 1: Report of Indigo-MusesC3 — Data Link

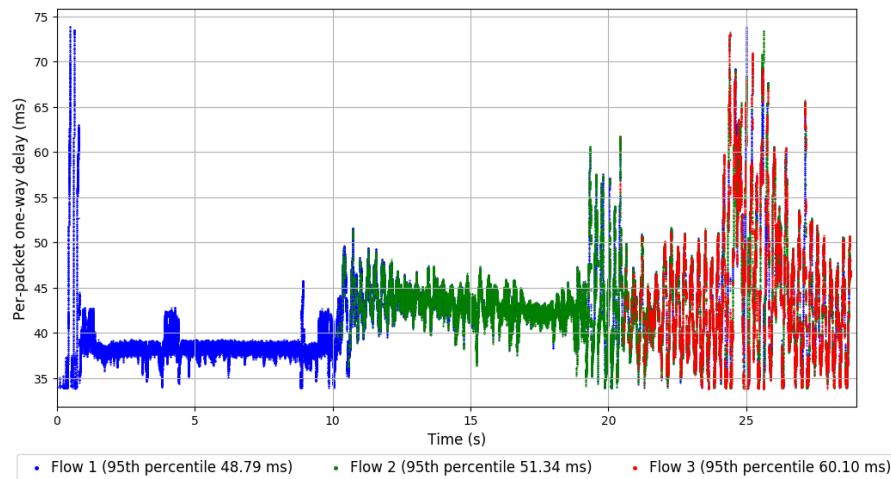
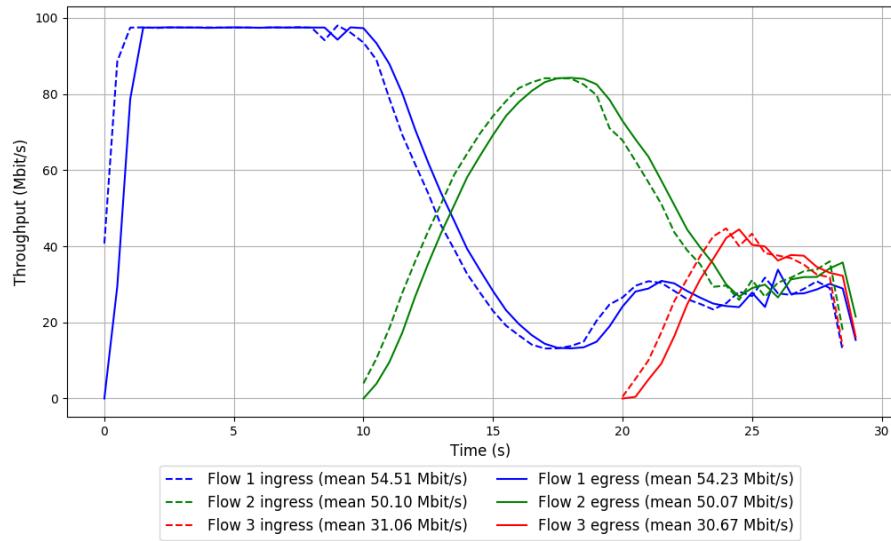


Run 2: Statistics of Indigo-MusesC3

```
Start at: 2019-08-27 00:38:25
End at: 2019-08-27 00:38:55
Local clock offset: -1.154 ms
Remote clock offset: 4.339 ms

# Below is generated by plot.py at 2019-08-27 03:23:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.75 Mbit/s
95th percentile per-packet one-way delay: 51.662 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 54.23 Mbit/s
95th percentile per-packet one-way delay: 48.790 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 50.07 Mbit/s
95th percentile per-packet one-way delay: 51.343 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 30.67 Mbit/s
95th percentile per-packet one-way delay: 60.101 ms
Loss rate: 1.11%
```

Run 2: Report of Indigo-MusesC3 — Data Link

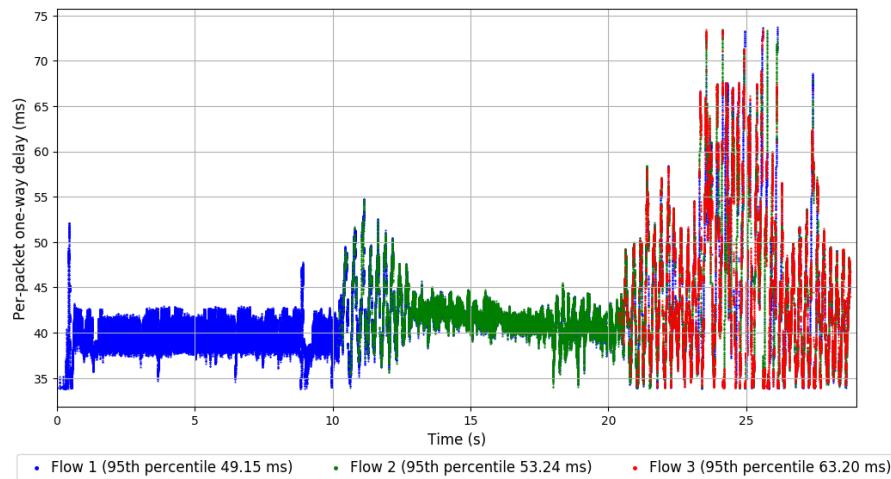
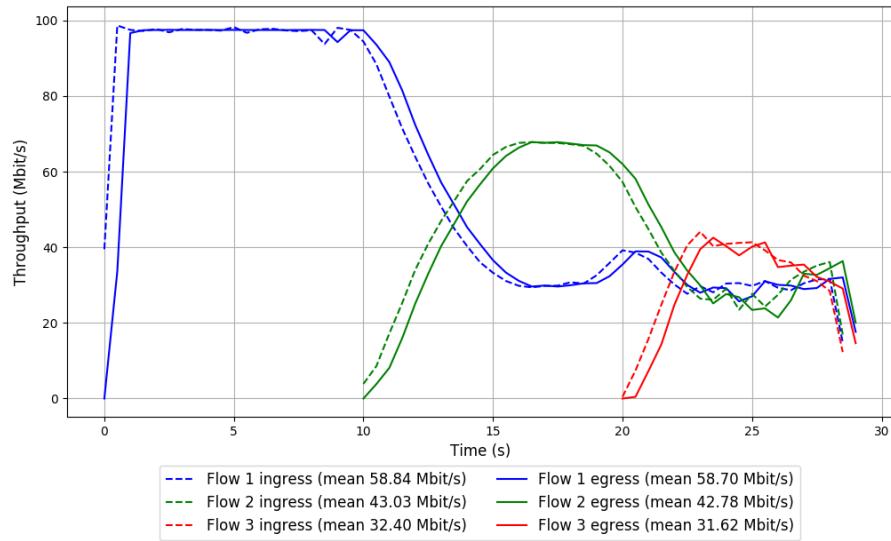


Run 3: Statistics of Indigo-MusesC3

```
Start at: 2019-08-27 01:33:02
End at: 2019-08-27 01:33:32
Local clock offset: -0.912 ms
Remote clock offset: 4.595 ms

# Below is generated by plot.py at 2019-08-27 03:23:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.69 Mbit/s
95th percentile per-packet one-way delay: 53.096 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 58.70 Mbit/s
95th percentile per-packet one-way delay: 49.154 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 42.78 Mbit/s
95th percentile per-packet one-way delay: 53.240 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 31.62 Mbit/s
95th percentile per-packet one-way delay: 63.205 ms
Loss rate: 2.38%
```

Run 3: Report of Indigo-MusesC3 — Data Link

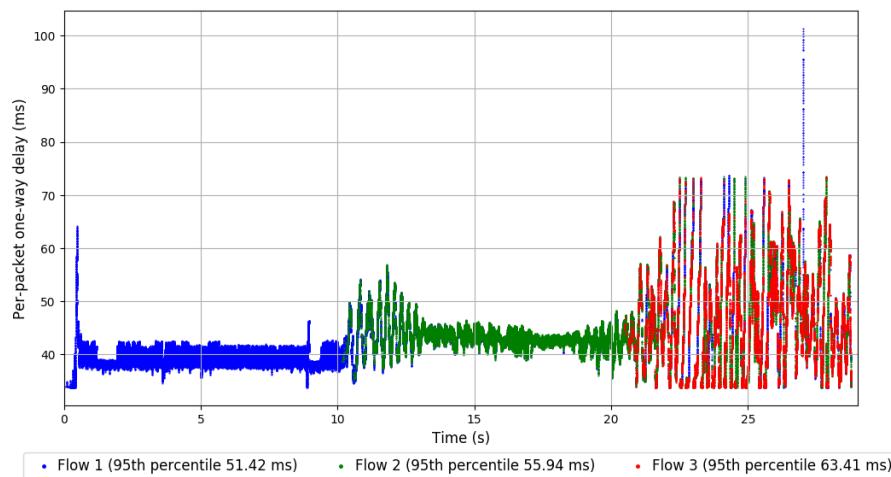
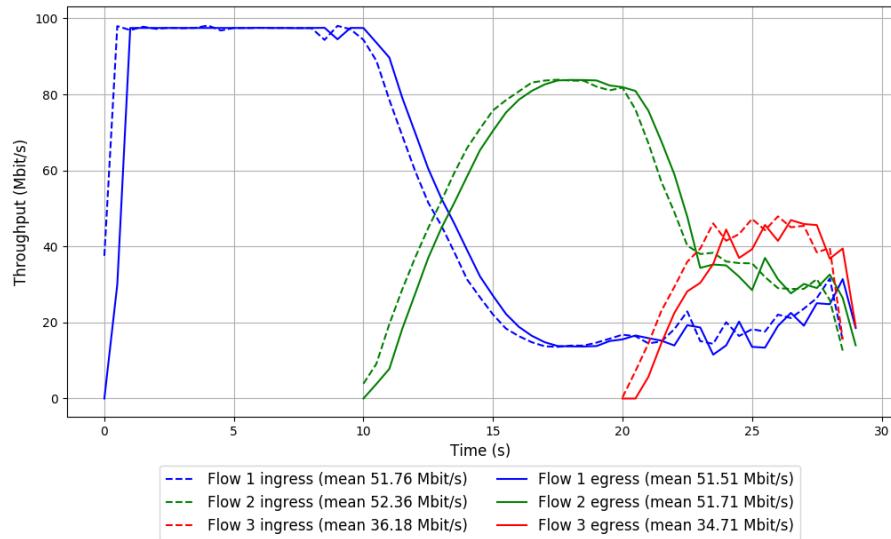


Run 4: Statistics of Indigo-MusesC3

```
Start at: 2019-08-27 02:17:32
End at: 2019-08-27 02:18:02
Local clock offset: -0.992 ms
Remote clock offset: 3.073 ms

# Below is generated by plot.py at 2019-08-27 03:23:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.09 Mbit/s
95th percentile per-packet one-way delay: 56.074 ms
Loss rate: 1.17%
-- Flow 1:
Average throughput: 51.51 Mbit/s
95th percentile per-packet one-way delay: 51.421 ms
Loss rate: 0.48%
-- Flow 2:
Average throughput: 51.71 Mbit/s
95th percentile per-packet one-way delay: 55.943 ms
Loss rate: 1.27%
-- Flow 3:
Average throughput: 34.71 Mbit/s
95th percentile per-packet one-way delay: 63.407 ms
Loss rate: 4.28%
```

Run 4: Report of Indigo-MusesC3 — Data Link

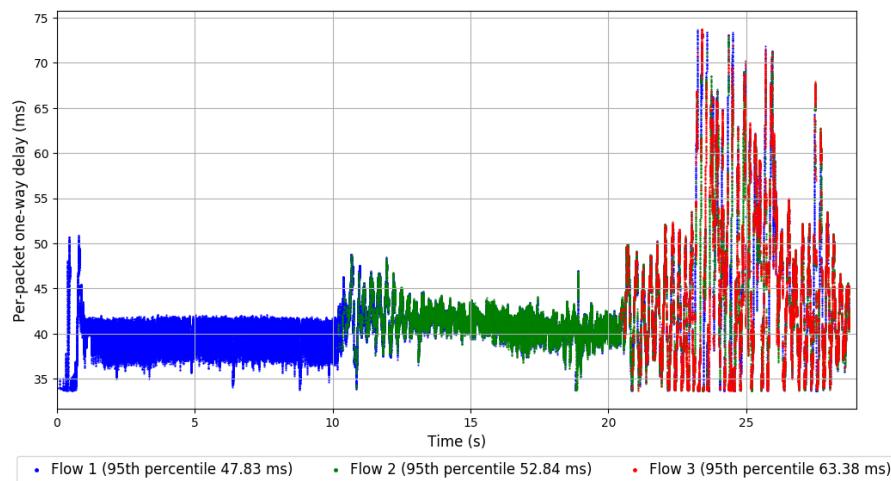
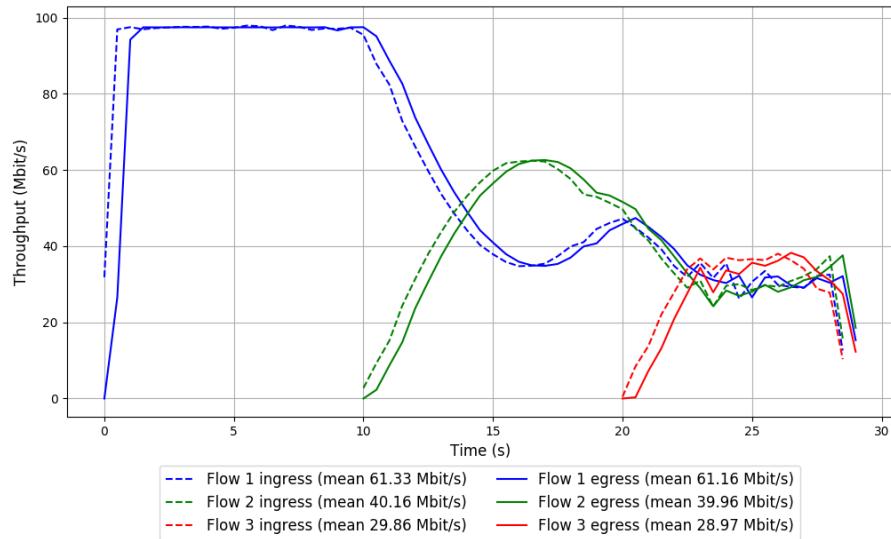


Run 5: Statistics of Indigo-MusesC3

```
Start at: 2019-08-27 03:12:26
End at: 2019-08-27 03:12:56
Local clock offset: -1.313 ms
Remote clock offset: 5.139 ms

# Below is generated by plot.py at 2019-08-27 03:23:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.51 Mbit/s
95th percentile per-packet one-way delay: 52.329 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 61.16 Mbit/s
95th percentile per-packet one-way delay: 47.829 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 39.96 Mbit/s
95th percentile per-packet one-way delay: 52.842 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 28.97 Mbit/s
95th percentile per-packet one-way delay: 63.376 ms
Loss rate: 2.94%
```

Run 5: Report of Indigo-MusesC3 — Data Link

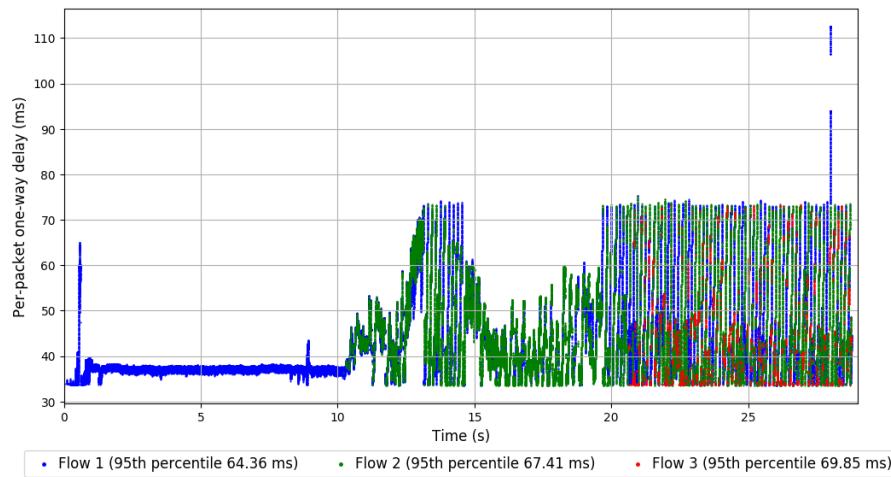
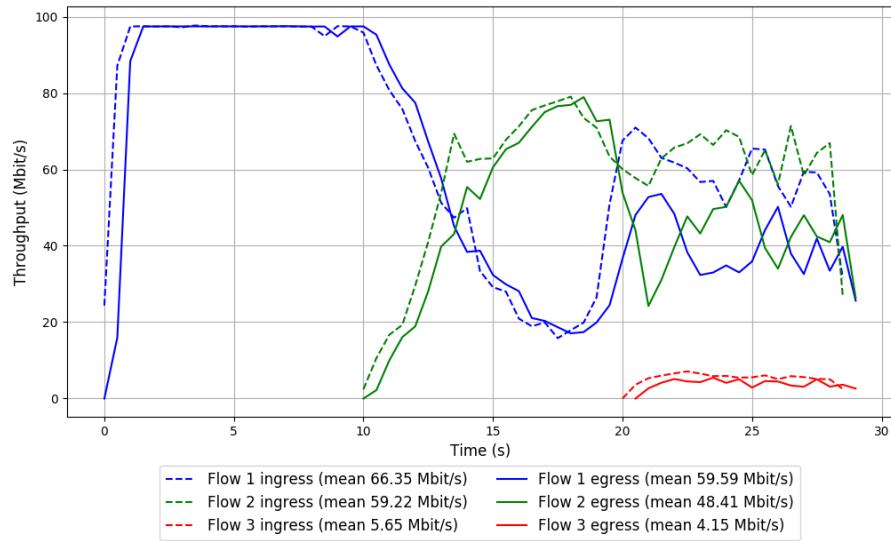


```
Run 1: Statistics of Indigo-MusesC5

Start at: 2019-08-26 23:43:30
End at: 2019-08-26 23:44:00
Local clock offset: -0.878 ms
Remote clock offset: 4.848 ms

# Below is generated by plot.py at 2019-08-27 03:23:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.03 Mbit/s
95th percentile per-packet one-way delay: 65.792 ms
Loss rate: 13.31%
-- Flow 1:
Average throughput: 59.59 Mbit/s
95th percentile per-packet one-way delay: 64.365 ms
Loss rate: 10.16%
-- Flow 2:
Average throughput: 48.41 Mbit/s
95th percentile per-packet one-way delay: 67.408 ms
Loss rate: 18.22%
-- Flow 3:
Average throughput: 4.15 Mbit/s
95th percentile per-packet one-way delay: 69.852 ms
Loss rate: 26.95%
```

Run 1: Report of Indigo-MusesC5 — Data Link

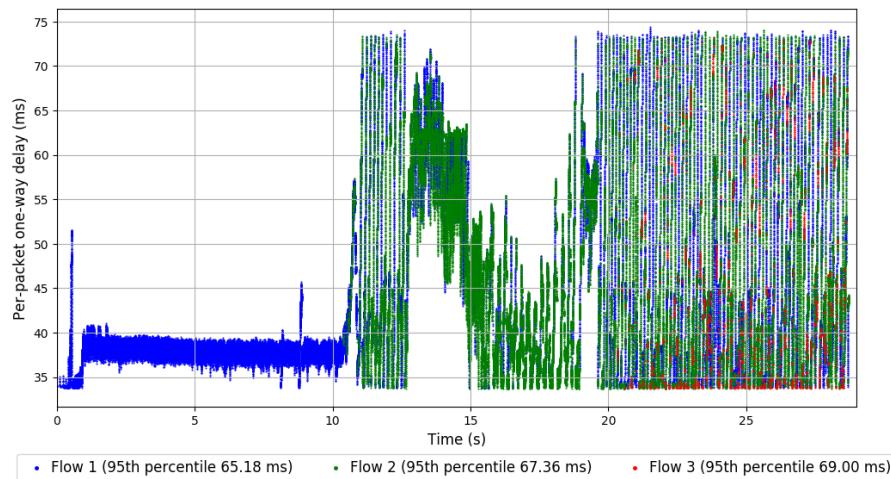
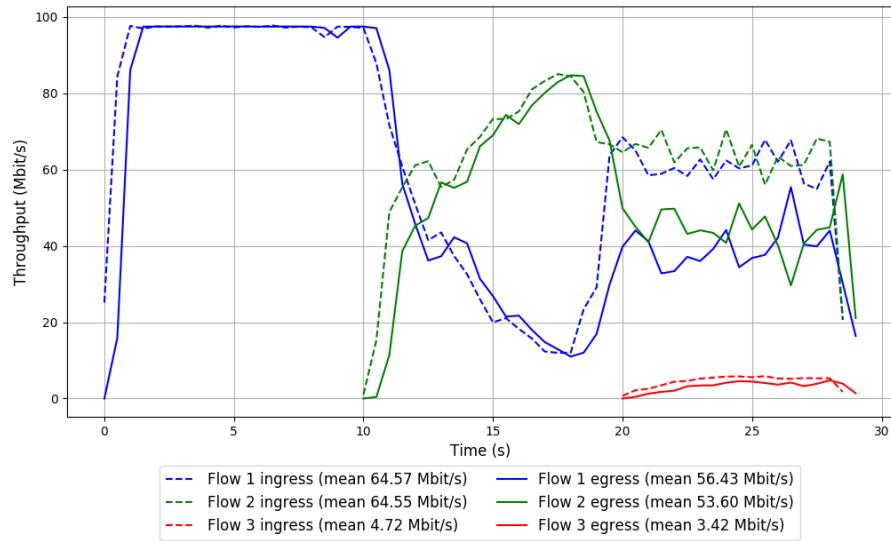


Run 2: Statistics of Indigo-MusesC5

```
Start at: 2019-08-27 00:31:10
End at: 2019-08-27 00:31:40
Local clock offset: -1.127 ms
Remote clock offset: 4.51 ms

# Below is generated by plot.py at 2019-08-27 03:23:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.83 Mbit/s
95th percentile per-packet one-way delay: 66.385 ms
Loss rate: 14.46%
-- Flow 1:
Average throughput: 56.43 Mbit/s
95th percentile per-packet one-way delay: 65.179 ms
Loss rate: 12.58%
-- Flow 2:
Average throughput: 53.60 Mbit/s
95th percentile per-packet one-way delay: 67.365 ms
Loss rate: 16.94%
-- Flow 3:
Average throughput: 3.42 Mbit/s
95th percentile per-packet one-way delay: 69.004 ms
Loss rate: 27.56%
```

Run 2: Report of Indigo-MusesC5 — Data Link

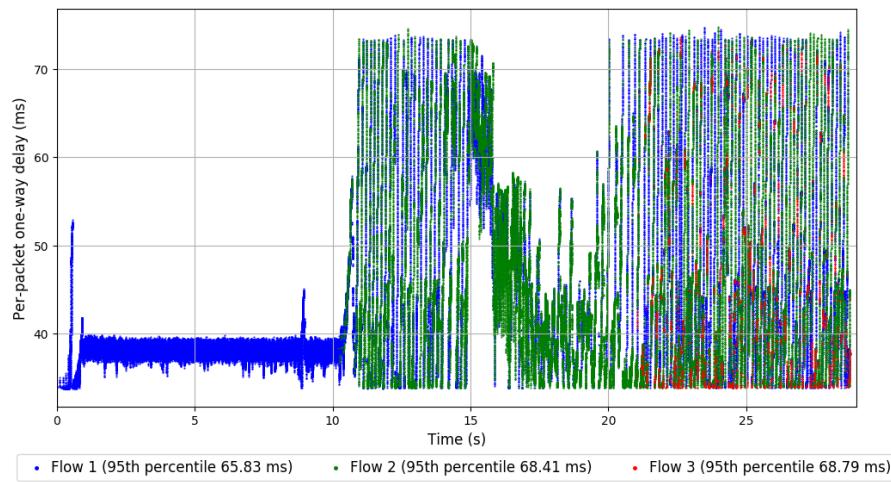
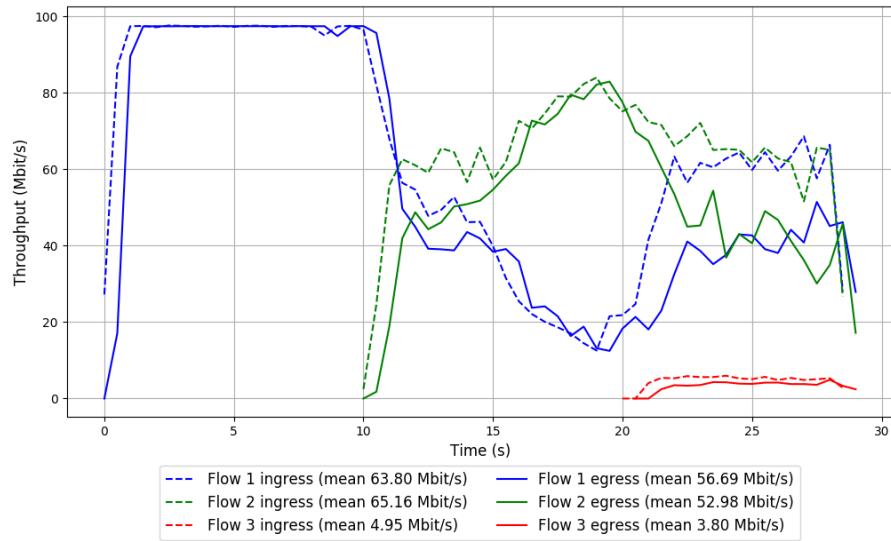


Run 3: Statistics of Indigo-MusesC5

```
Start at: 2019-08-27 01:24:17
End at: 2019-08-27 01:24:47
Local clock offset: -0.918 ms
Remote clock offset: 5.861 ms

# Below is generated by plot.py at 2019-08-27 03:24:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.94 Mbit/s
95th percentile per-packet one-way delay: 67.358 ms
Loss rate: 14.31%
-- Flow 1:
Average throughput: 56.69 Mbit/s
95th percentile per-packet one-way delay: 65.830 ms
Loss rate: 11.13%
-- Flow 2:
Average throughput: 52.98 Mbit/s
95th percentile per-packet one-way delay: 68.405 ms
Loss rate: 18.67%
-- Flow 3:
Average throughput: 3.80 Mbit/s
95th percentile per-packet one-way delay: 68.792 ms
Loss rate: 27.82%
```

Run 3: Report of Indigo-MusesC5 — Data Link

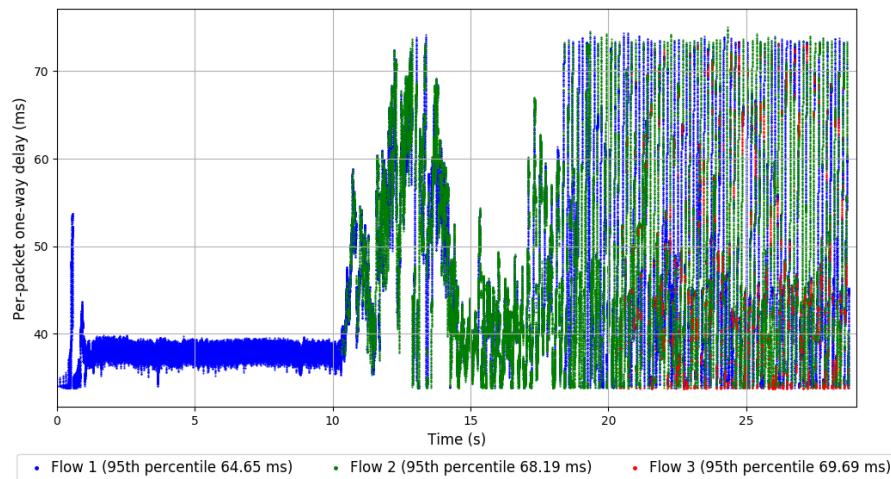
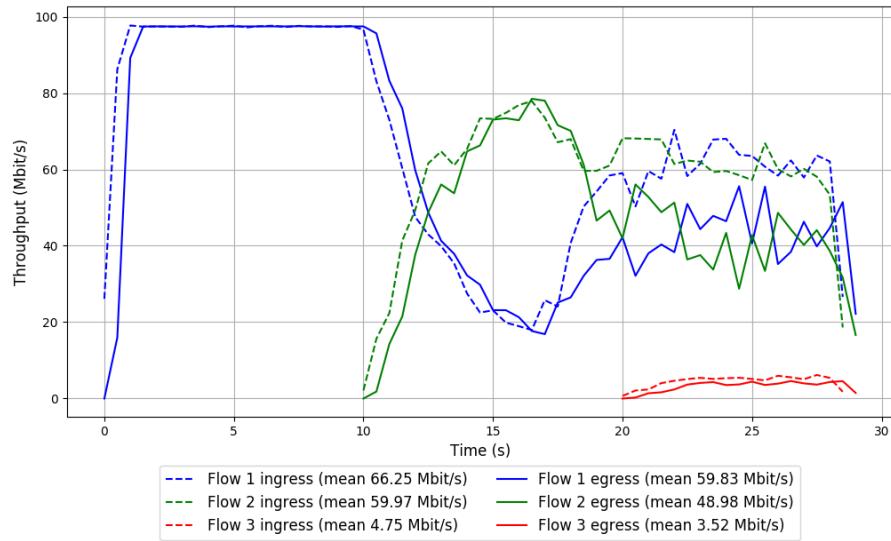


Run 4: Statistics of Indigo-MusesC5

```
Start at: 2019-08-27 02:11:37
End at: 2019-08-27 02:12:07
Local clock offset: -0.926 ms
Remote clock offset: 3.057 ms

# Below is generated by plot.py at 2019-08-27 03:24:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.41 Mbit/s
95th percentile per-packet one-way delay: 66.559 ms
Loss rate: 13.02%
-- Flow 1:
Average throughput: 59.83 Mbit/s
95th percentile per-packet one-way delay: 64.653 ms
Loss rate: 9.66%
-- Flow 2:
Average throughput: 48.98 Mbit/s
95th percentile per-packet one-way delay: 68.187 ms
Loss rate: 18.31%
-- Flow 3:
Average throughput: 3.52 Mbit/s
95th percentile per-packet one-way delay: 69.693 ms
Loss rate: 25.93%
```

Run 4: Report of Indigo-MusesC5 — Data Link

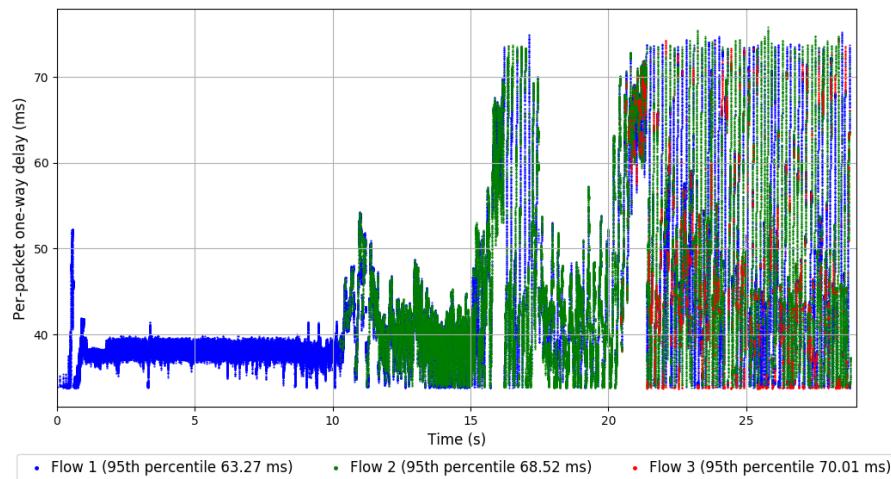
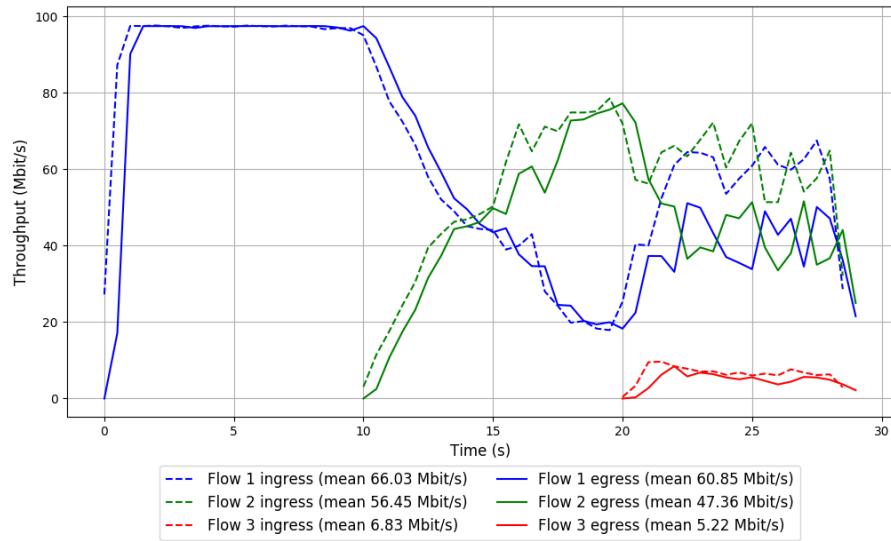


Run 5: Statistics of Indigo-MusesC5

```
Start at: 2019-08-27 03:03:25
End at: 2019-08-27 03:03:55
Local clock offset: -1.328 ms
Remote clock offset: 4.251 ms

# Below is generated by plot.py at 2019-08-27 03:24:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.01 Mbit/s
95th percentile per-packet one-way delay: 66.314 ms
Loss rate: 11.03%
-- Flow 1:
Average throughput: 60.85 Mbit/s
95th percentile per-packet one-way delay: 63.267 ms
Loss rate: 7.84%
-- Flow 2:
Average throughput: 47.36 Mbit/s
95th percentile per-packet one-way delay: 68.518 ms
Loss rate: 16.10%
-- Flow 3:
Average throughput: 5.22 Mbit/s
95th percentile per-packet one-way delay: 70.011 ms
Loss rate: 23.78%
```

Run 5: Report of Indigo-MusesC5 — Data Link

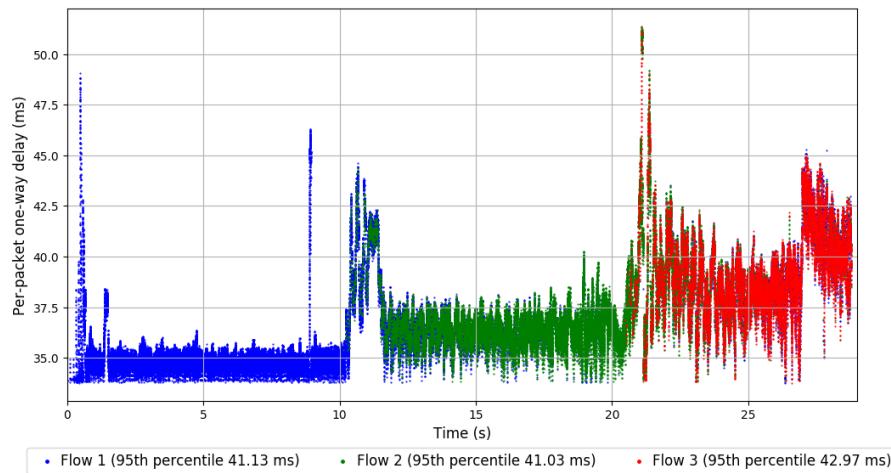
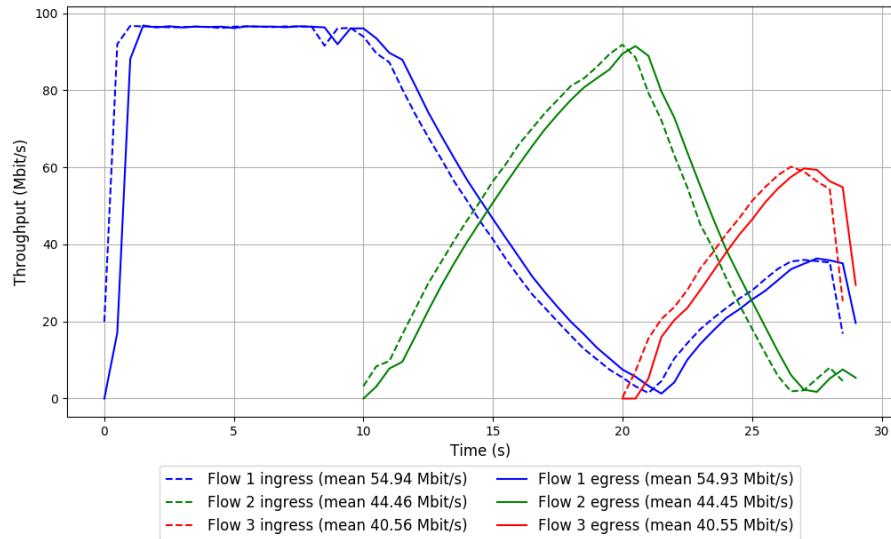


Run 1: Statistics of Indigo-MusesD

```
Start at: 2019-08-26 23:29:33
End at: 2019-08-26 23:30:03
Local clock offset: -0.709 ms
Remote clock offset: 4.37 ms

# Below is generated by plot.py at 2019-08-27 03:24:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.49 Mbit/s
95th percentile per-packet one-way delay: 41.485 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 54.93 Mbit/s
95th percentile per-packet one-way delay: 41.126 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 44.45 Mbit/s
95th percentile per-packet one-way delay: 41.032 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 40.55 Mbit/s
95th percentile per-packet one-way delay: 42.966 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo-MusesD — Data Link

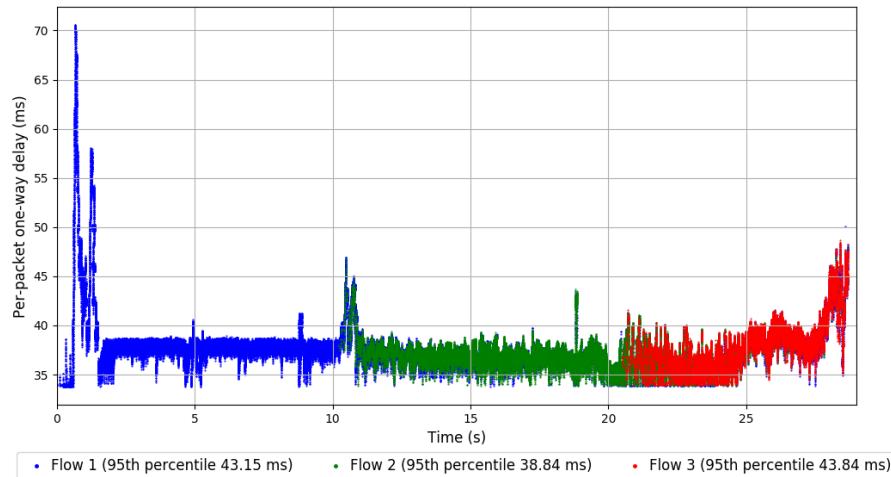
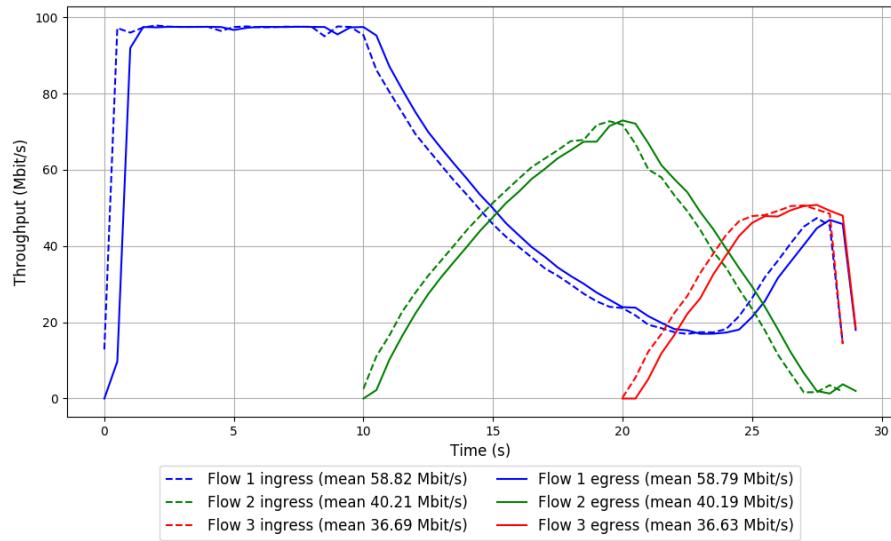


Run 2: Statistics of Indigo-MusesD

```
Start at: 2019-08-27 00:15:47
End at: 2019-08-27 00:16:18
Local clock offset: -1.053 ms
Remote clock offset: 6.14 ms

# Below is generated by plot.py at 2019-08-27 03:24:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.23 Mbit/s
95th percentile per-packet one-way delay: 42.099 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 58.79 Mbit/s
95th percentile per-packet one-way delay: 43.146 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 40.19 Mbit/s
95th percentile per-packet one-way delay: 38.837 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 36.63 Mbit/s
95th percentile per-packet one-way delay: 43.835 ms
Loss rate: 0.05%
```

Run 2: Report of Indigo-MusesD — Data Link

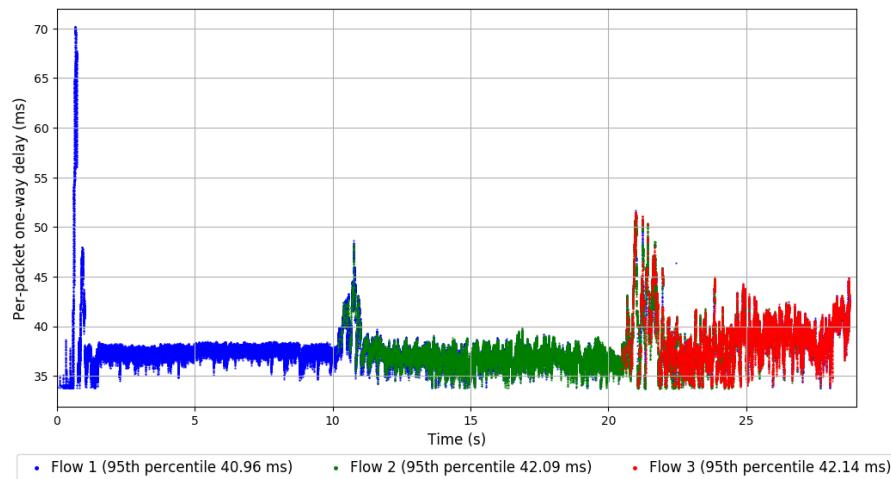
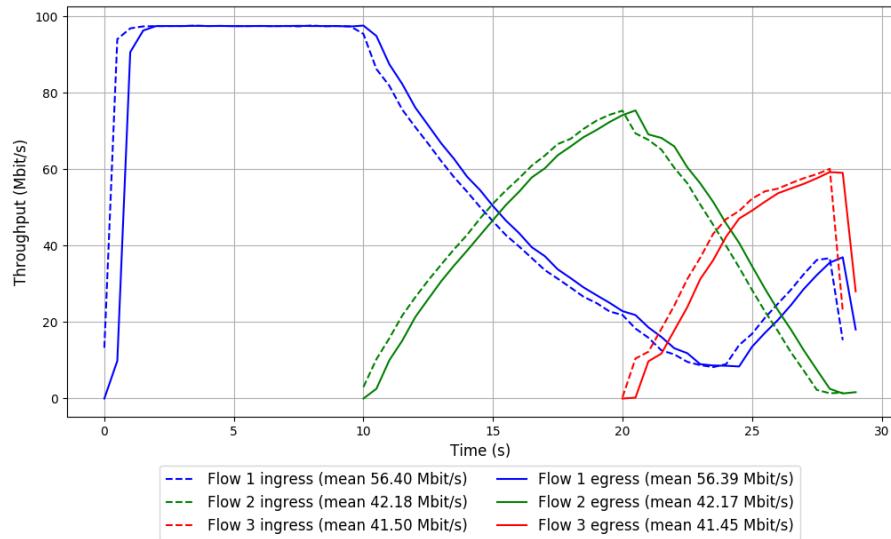


Run 3: Statistics of Indigo-MusesD

```
Start at: 2019-08-27 01:08:21
End at: 2019-08-27 01:08:51
Local clock offset: -0.982 ms
Remote clock offset: 5.824 ms

# Below is generated by plot.py at 2019-08-27 03:24:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.74 Mbit/s
95th percentile per-packet one-way delay: 41.506 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.39 Mbit/s
95th percentile per-packet one-way delay: 40.963 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 42.17 Mbit/s
95th percentile per-packet one-way delay: 42.090 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 41.45 Mbit/s
95th percentile per-packet one-way delay: 42.136 ms
Loss rate: 0.03%
```

Run 3: Report of Indigo-MusesD — Data Link

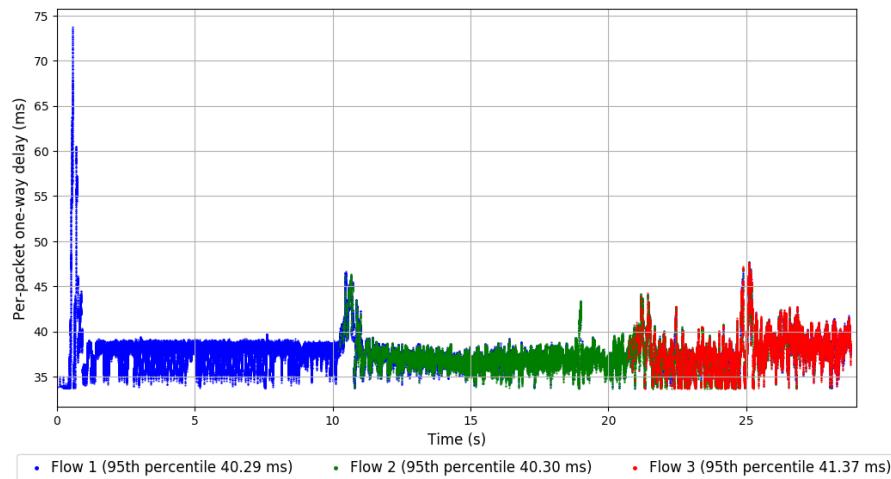
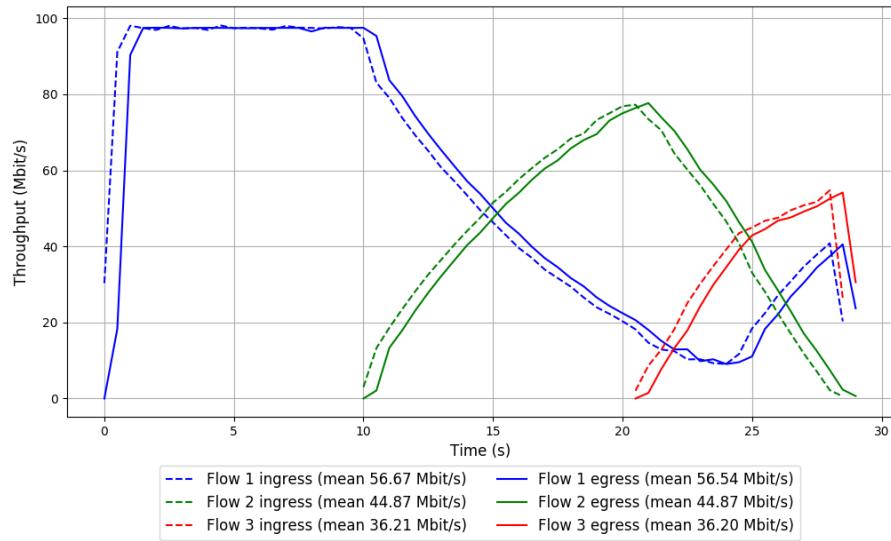


Run 4: Statistics of Indigo-MusesD

```
Start at: 2019-08-27 01:58:36
End at: 2019-08-27 01:59:06
Local clock offset: -0.902 ms
Remote clock offset: 3.042 ms

# Below is generated by plot.py at 2019-08-27 03:24:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.74 Mbit/s
95th percentile per-packet one-way delay: 40.523 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 56.54 Mbit/s
95th percentile per-packet one-way delay: 40.293 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 44.87 Mbit/s
95th percentile per-packet one-way delay: 40.296 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 36.20 Mbit/s
95th percentile per-packet one-way delay: 41.372 ms
Loss rate: 0.00%
```

Run 4: Report of Indigo-MusesD — Data Link

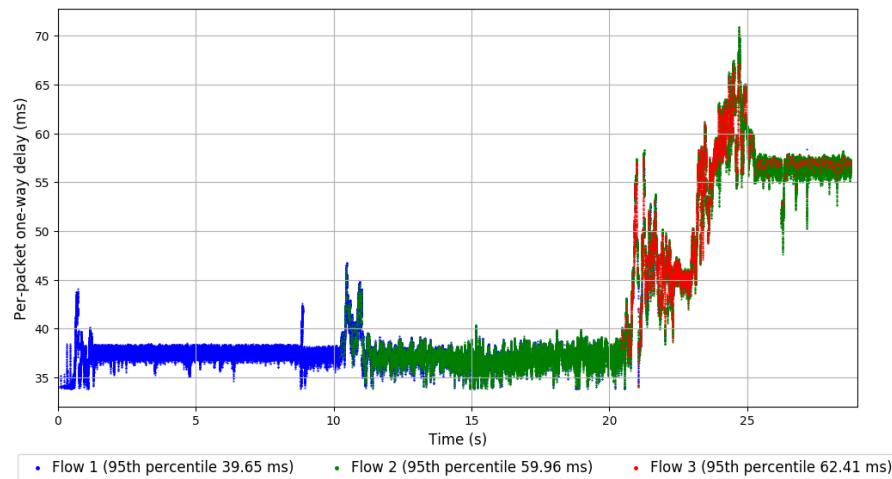
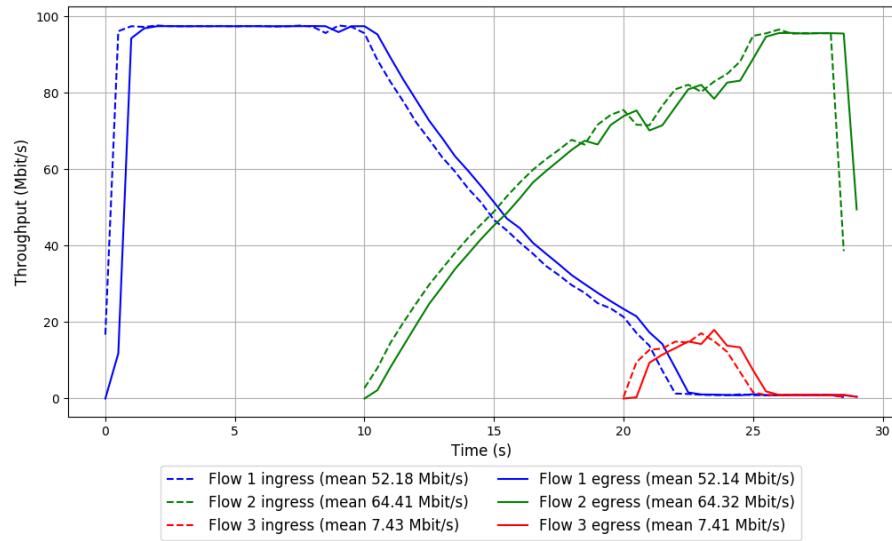


Run 5: Statistics of Indigo-MusesD

```
Start at: 2019-08-27 02:45:50
End at: 2019-08-27 02:46:20
Local clock offset: -1.267 ms
Remote clock offset: 4.269 ms

# Below is generated by plot.py at 2019-08-27 03:24:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.85 Mbit/s
95th percentile per-packet one-way delay: 57.586 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 52.14 Mbit/s
95th percentile per-packet one-way delay: 39.646 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 64.32 Mbit/s
95th percentile per-packet one-way delay: 59.961 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 7.41 Mbit/s
95th percentile per-packet one-way delay: 62.409 ms
Loss rate: 0.00%
```

Run 5: Report of Indigo-MusesD — Data Link

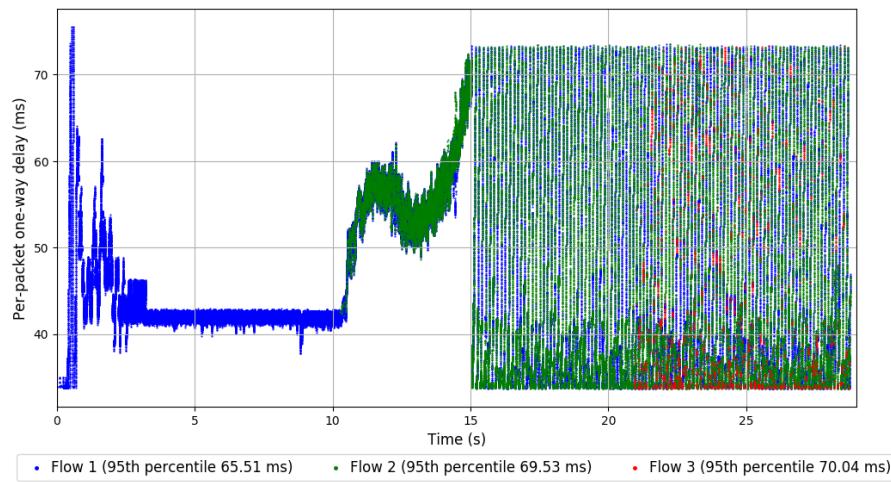
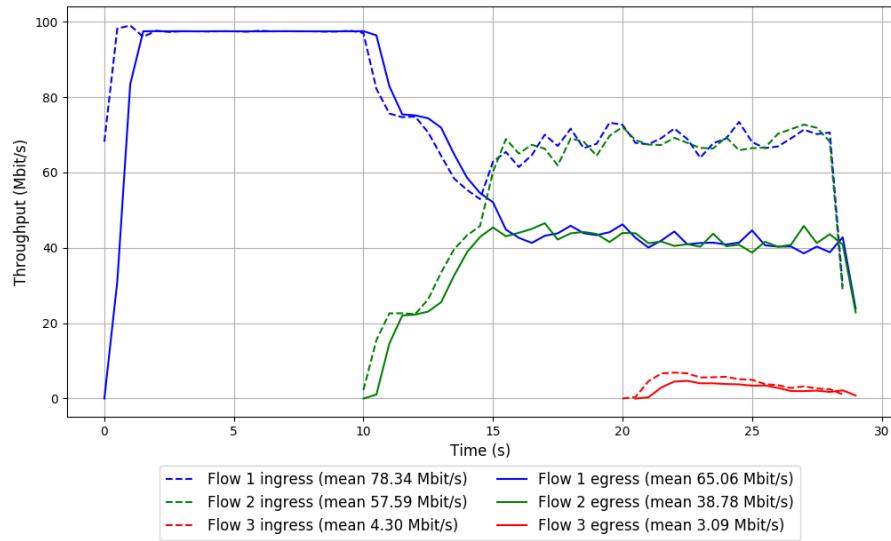


Run 1: Statistics of Indigo-MusesT

```
Start at: 2019-08-26 23:45:17
End at: 2019-08-26 23:45:47
Local clock offset: -0.881 ms
Remote clock offset: 5.2 ms

# Below is generated by plot.py at 2019-08-27 03:25:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.88 Mbit/s
95th percentile per-packet one-way delay: 67.568 ms
Loss rate: 22.08%
-- Flow 1:
Average throughput: 65.06 Mbit/s
95th percentile per-packet one-way delay: 65.511 ms
Loss rate: 16.92%
-- Flow 2:
Average throughput: 38.78 Mbit/s
95th percentile per-packet one-way delay: 69.530 ms
Loss rate: 32.64%
-- Flow 3:
Average throughput: 3.09 Mbit/s
95th percentile per-packet one-way delay: 70.043 ms
Loss rate: 32.44%
```

Run 1: Report of Indigo-MusesT — Data Link

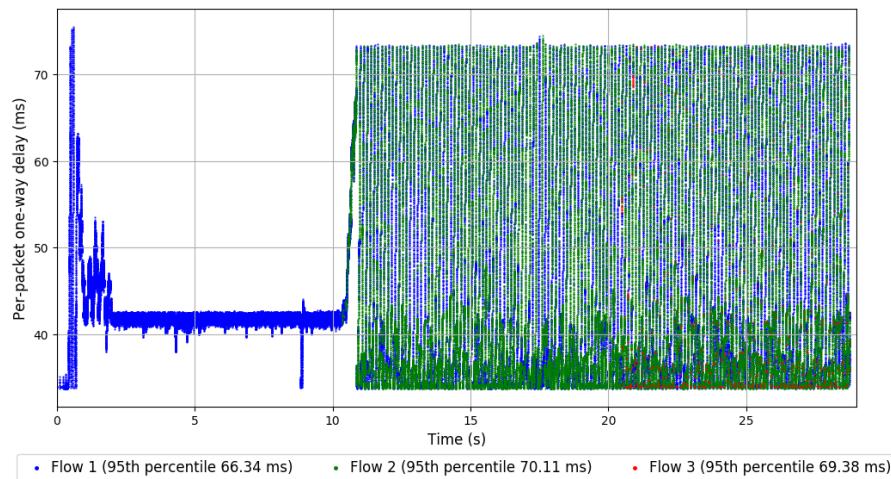
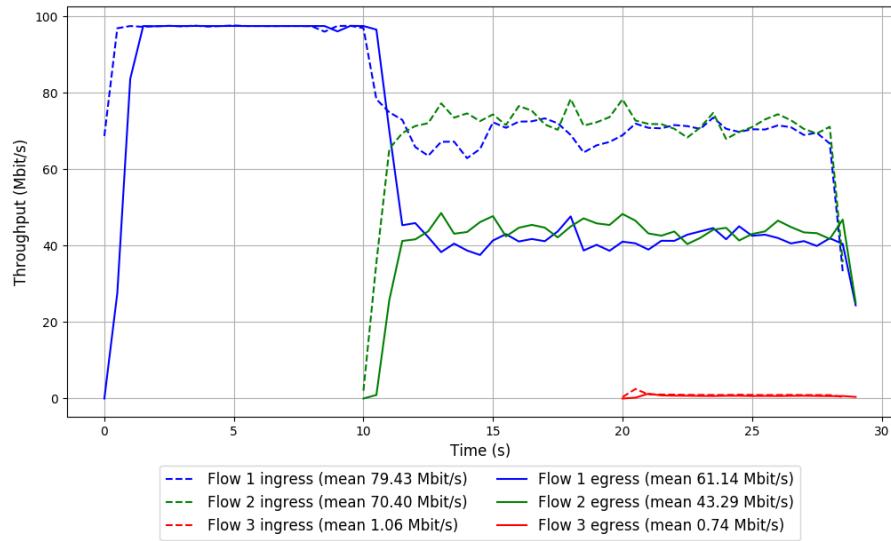


Run 2: Statistics of Indigo-MusesT

```
Start at: 2019-08-27 00:33:02
End at: 2019-08-27 00:33:32
Local clock offset: -1.14 ms
Remote clock offset: 4.453 ms

# Below is generated by plot.py at 2019-08-27 03:25:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.21 Mbit/s
95th percentile per-packet one-way delay: 68.193 ms
Loss rate: 28.65%
-- Flow 1:
Average throughput: 61.14 Mbit/s
95th percentile per-packet one-way delay: 66.339 ms
Loss rate: 23.02%
-- Flow 2:
Average throughput: 43.29 Mbit/s
95th percentile per-packet one-way delay: 70.110 ms
Loss rate: 38.52%
-- Flow 3:
Average throughput: 0.74 Mbit/s
95th percentile per-packet one-way delay: 69.380 ms
Loss rate: 30.30%
```

Run 2: Report of Indigo-MusesT — Data Link

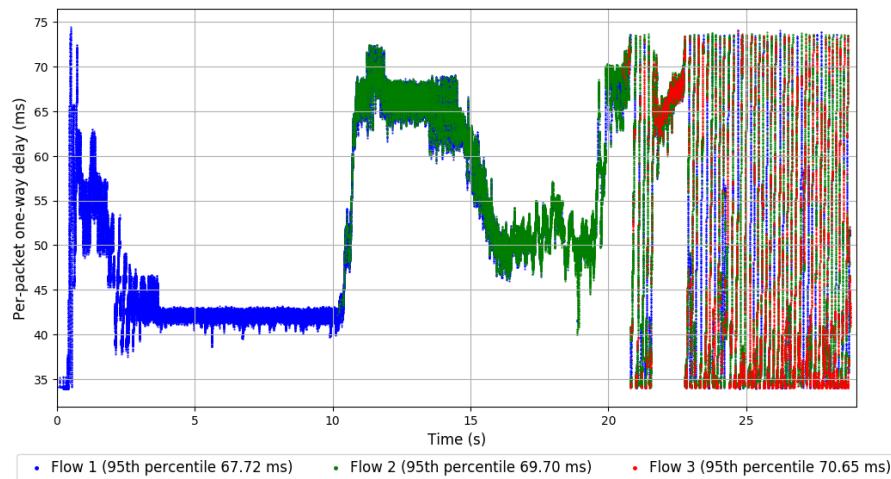
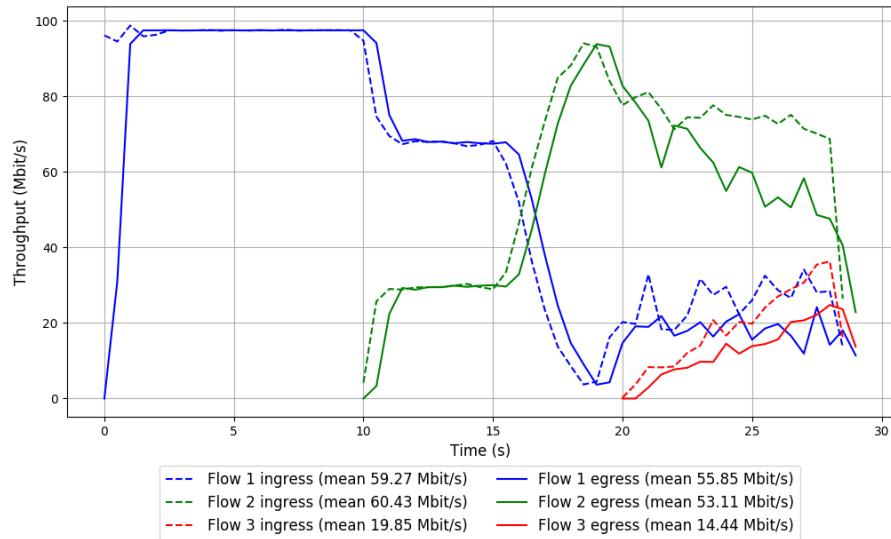


Run 3: Statistics of Indigo-MusesT

```
Start at: 2019-08-27 01:27:13
End at: 2019-08-27 01:27:43
Local clock offset: -0.925 ms
Remote clock offset: 5.51 ms

# Below is generated by plot.py at 2019-08-27 03:25:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.41 Mbit/s
95th percentile per-packet one-way delay: 68.851 ms
Loss rate: 9.33%
-- Flow 1:
Average throughput: 55.85 Mbit/s
95th percentile per-packet one-way delay: 67.724 ms
Loss rate: 5.72%
-- Flow 2:
Average throughput: 53.11 Mbit/s
95th percentile per-packet one-way delay: 69.699 ms
Loss rate: 12.11%
-- Flow 3:
Average throughput: 14.44 Mbit/s
95th percentile per-packet one-way delay: 70.650 ms
Loss rate: 27.49%
```

Run 3: Report of Indigo-MusesT — Data Link

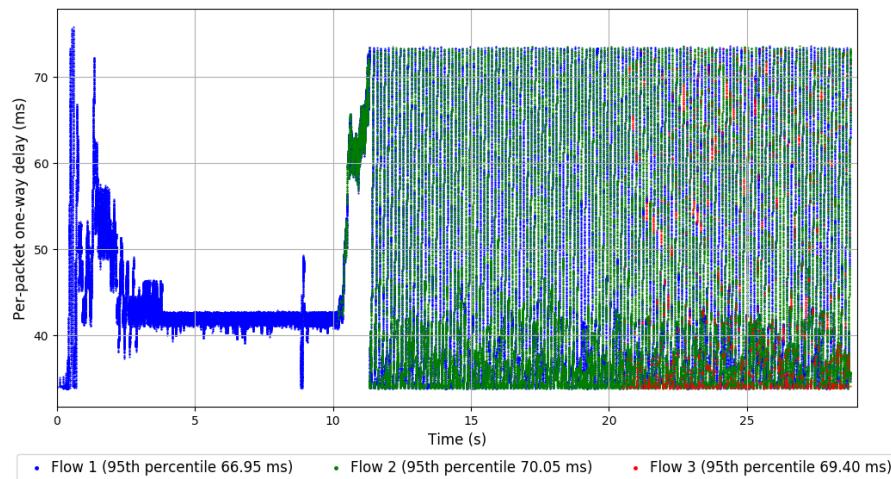
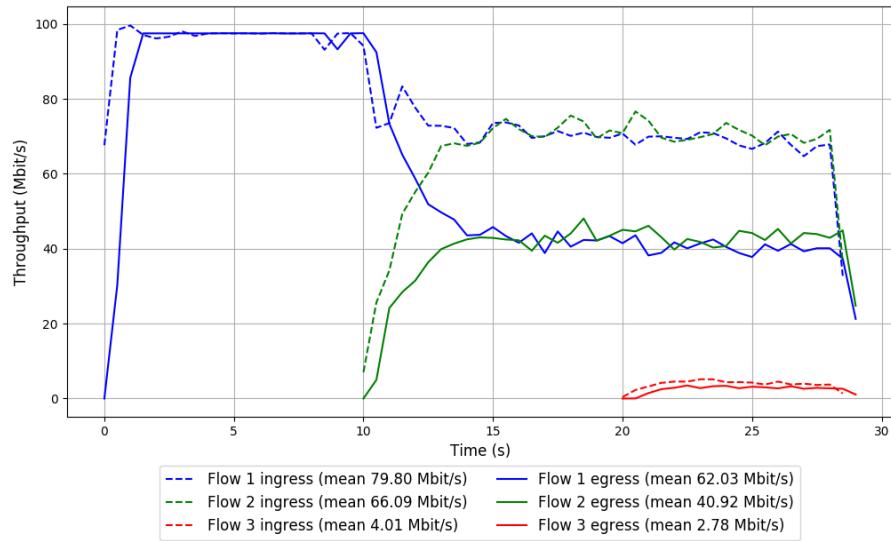


Run 4: Statistics of Indigo-MusesT

```
Start at: 2019-08-27 02:13:31
End at: 2019-08-27 02:14:01
Local clock offset: -0.963 ms
Remote clock offset: 3.126 ms

# Below is generated by plot.py at 2019-08-27 03:25:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.36 Mbit/s
95th percentile per-packet one-way delay: 68.347 ms
Loss rate: 27.83%
-- Flow 1:
Average throughput: 62.03 Mbit/s
95th percentile per-packet one-way delay: 66.955 ms
Loss rate: 22.27%
-- Flow 2:
Average throughput: 40.92 Mbit/s
95th percentile per-packet one-way delay: 70.046 ms
Loss rate: 38.10%
-- Flow 3:
Average throughput: 2.78 Mbit/s
95th percentile per-packet one-way delay: 69.400 ms
Loss rate: 30.61%
```

Run 4: Report of Indigo-MusesT — Data Link

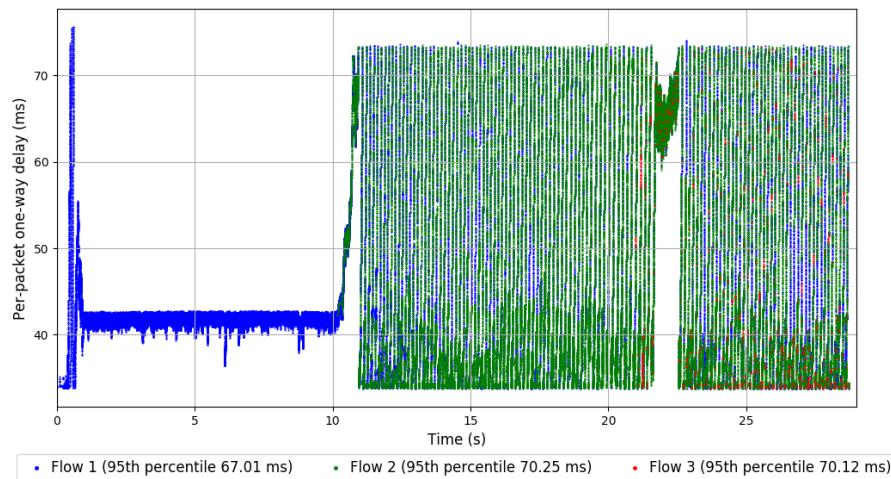
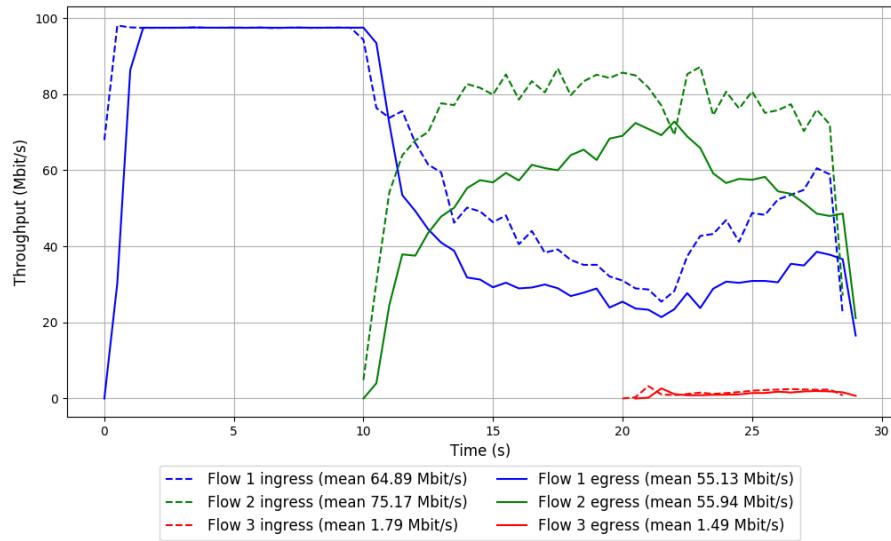


Run 5: Statistics of Indigo-MusesT

```
Start at: 2019-08-27 03:06:17
End at: 2019-08-27 03:06:47
Local clock offset: -1.359 ms
Remote clock offset: 4.345 ms

# Below is generated by plot.py at 2019-08-27 03:25:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.76 Mbit/s
95th percentile per-packet one-way delay: 68.889 ms
Loss rate: 19.59%
-- Flow 1:
Average throughput: 55.13 Mbit/s
95th percentile per-packet one-way delay: 67.013 ms
Loss rate: 15.05%
-- Flow 2:
Average throughput: 55.94 Mbit/s
95th percentile per-packet one-way delay: 70.248 ms
Loss rate: 25.61%
-- Flow 3:
Average throughput: 1.49 Mbit/s
95th percentile per-packet one-way delay: 70.117 ms
Loss rate: 21.92%
```

Run 5: Report of Indigo-MusesT — Data Link

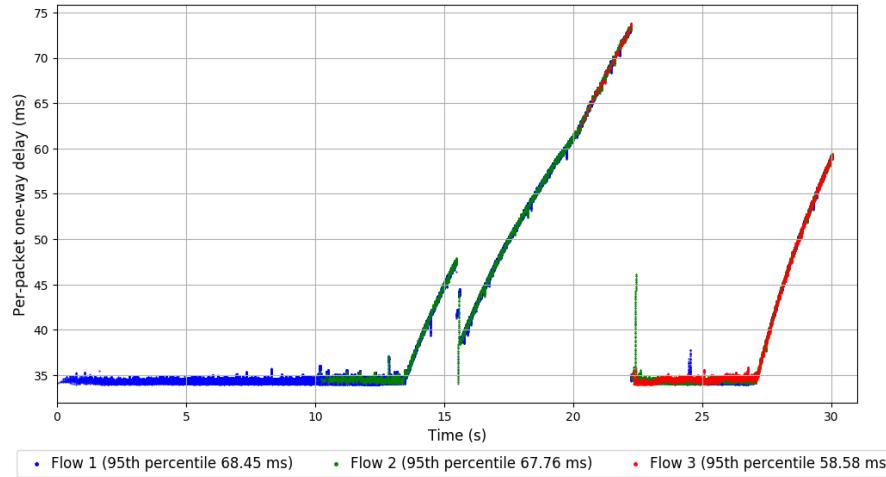
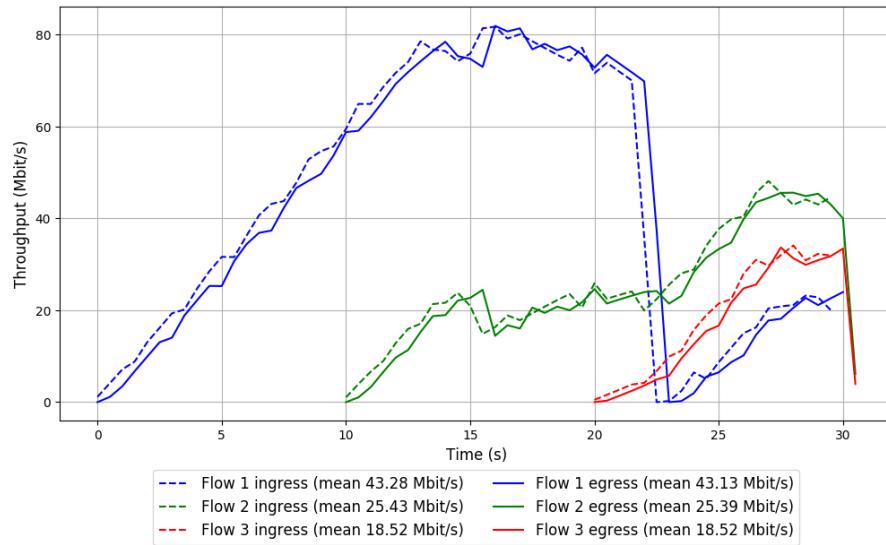


```
Run 1: Statistics of LEDBAT

Start at: 2019-08-26 23:39:29
End at: 2019-08-26 23:39:59
Local clock offset: -0.832 ms
Remote clock offset: 4.706 ms

# Below is generated by plot.py at 2019-08-27 03:25:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 66.09 Mbit/s
95th percentile per-packet one-way delay: 67.960 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 43.13 Mbit/s
95th percentile per-packet one-way delay: 68.452 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 25.39 Mbit/s
95th percentile per-packet one-way delay: 67.758 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 18.52 Mbit/s
95th percentile per-packet one-way delay: 58.584 ms
Loss rate: 0.03%
```

Run 1: Report of LEDBAT — Data Link

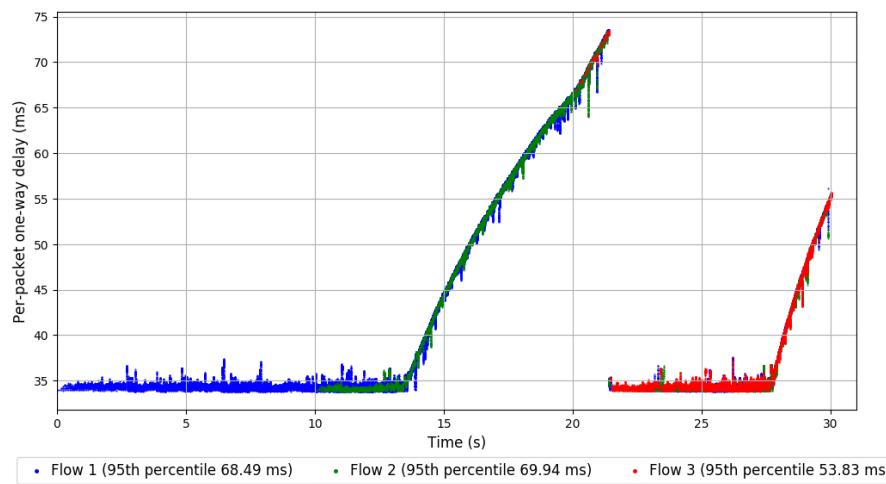
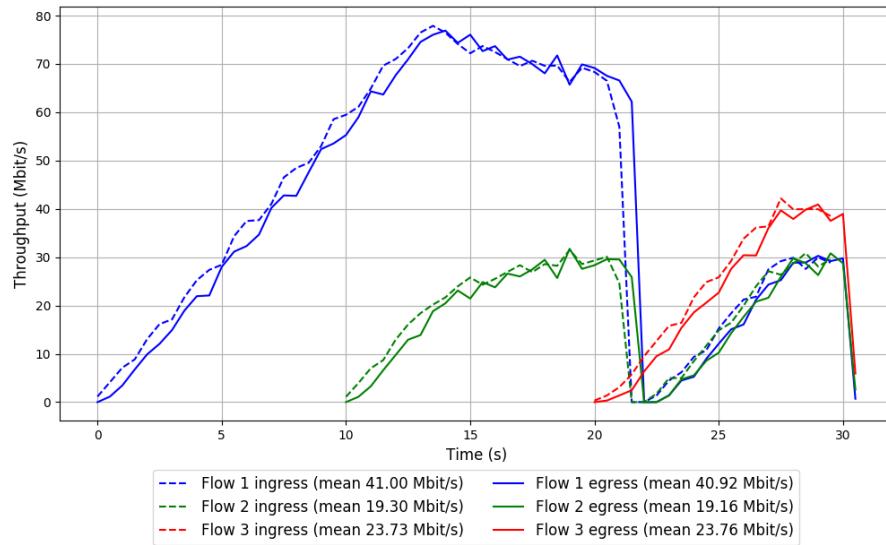


Run 2: Statistics of LEDBAT

```
Start at: 2019-08-27 00:26:38
End at: 2019-08-27 00:27:08
Local clock offset: -1.118 ms
Remote clock offset: 4.917 ms

# Below is generated by plot.py at 2019-08-27 03:25:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 61.56 Mbit/s
95th percentile per-packet one-way delay: 68.288 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 40.92 Mbit/s
95th percentile per-packet one-way delay: 68.486 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 19.16 Mbit/s
95th percentile per-packet one-way delay: 69.944 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 23.76 Mbit/s
95th percentile per-packet one-way delay: 53.834 ms
Loss rate: 0.01%
```

Run 2: Report of LEDBAT — Data Link

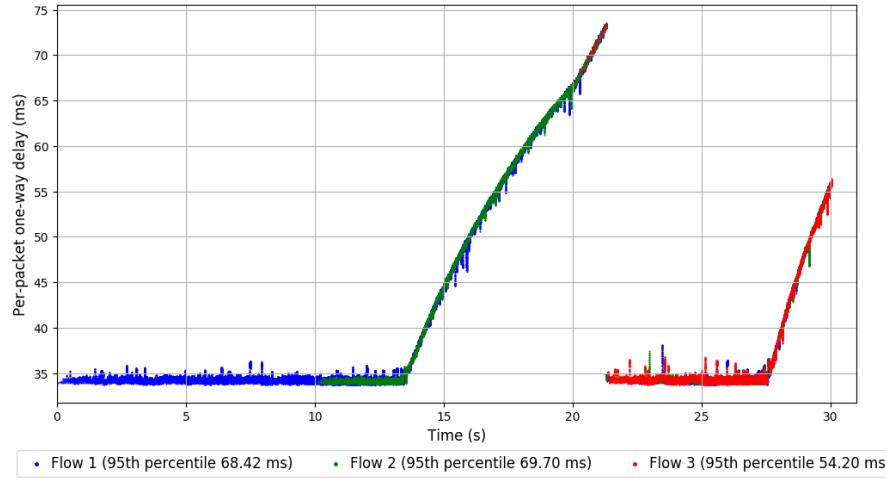
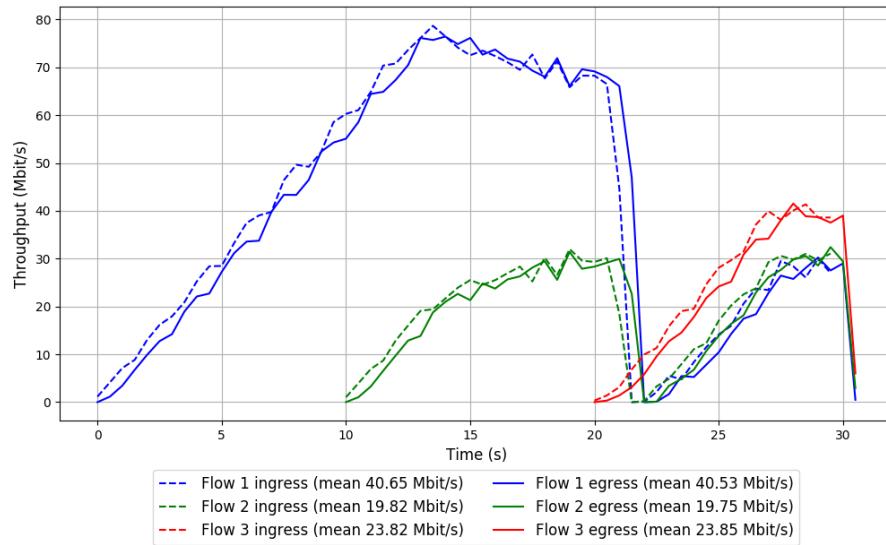


Run 3: Statistics of LEDBAT

```
Start at: 2019-08-27 01:19:29
End at: 2019-08-27 01:19:59
Local clock offset: -0.928 ms
Remote clock offset: 6.104 ms

# Below is generated by plot.py at 2019-08-27 03:25:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 61.58 Mbit/s
95th percentile per-packet one-way delay: 68.241 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 40.53 Mbit/s
95th percentile per-packet one-way delay: 68.418 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 19.75 Mbit/s
95th percentile per-packet one-way delay: 69.699 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 23.85 Mbit/s
95th percentile per-packet one-way delay: 54.201 ms
Loss rate: 0.00%
```

Run 3: Report of LEDBAT — Data Link

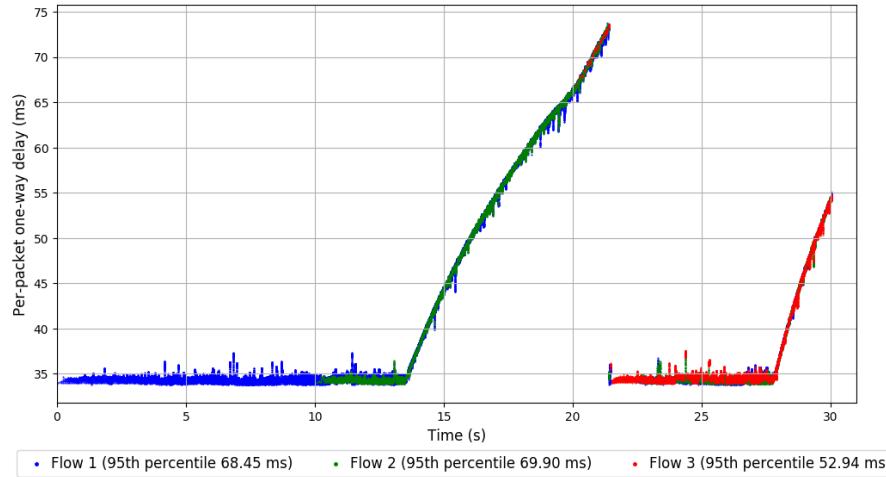
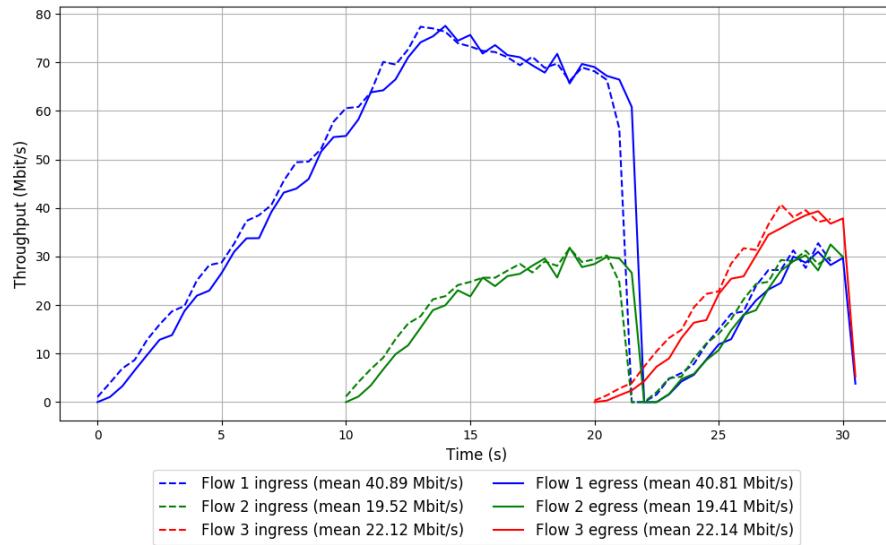


Run 4: Statistics of LEDBAT

```
Start at: 2019-08-27 02:07:59
End at: 2019-08-27 02:08:29
Local clock offset: -0.918 ms
Remote clock offset: 3.124 ms

# Below is generated by plot.py at 2019-08-27 03:26:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 61.04 Mbit/s
95th percentile per-packet one-way delay: 68.306 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 40.81 Mbit/s
95th percentile per-packet one-way delay: 68.451 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 19.41 Mbit/s
95th percentile per-packet one-way delay: 69.904 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 22.14 Mbit/s
95th percentile per-packet one-way delay: 52.943 ms
Loss rate: 0.01%
```

Run 4: Report of LEDBAT — Data Link

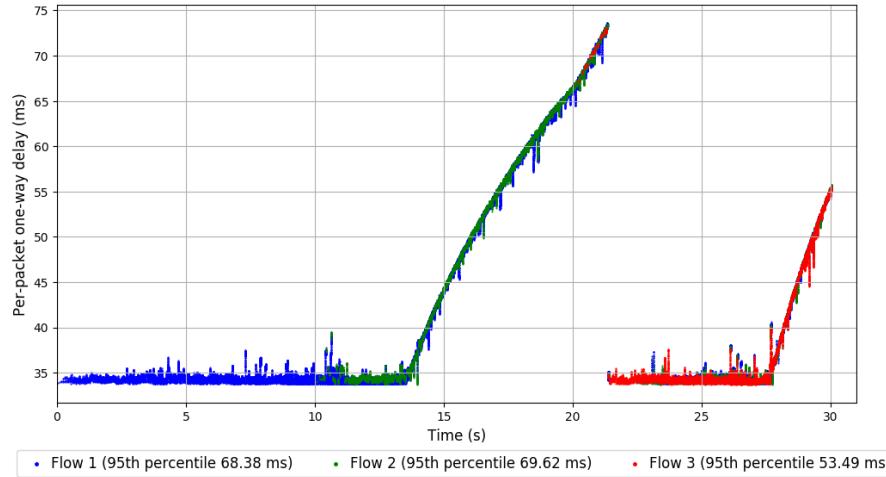
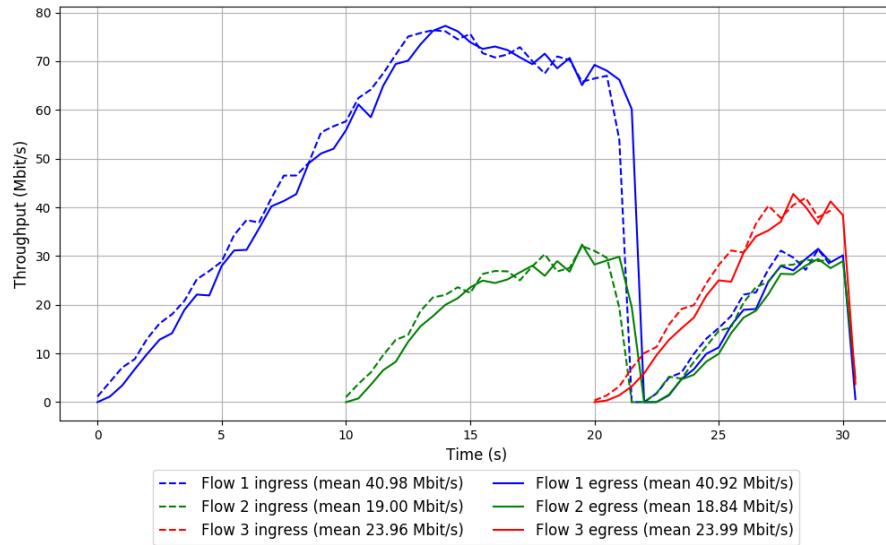


Run 5: Statistics of LEDBAT

```
Start at: 2019-08-27 02:57:36
End at: 2019-08-27 02:58:06
Local clock offset: -1.324 ms
Remote clock offset: 4.189 ms

# Below is generated by plot.py at 2019-08-27 03:26:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 61.42 Mbit/s
95th percentile per-packet one-way delay: 68.251 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 40.92 Mbit/s
95th percentile per-packet one-way delay: 68.384 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 18.84 Mbit/s
95th percentile per-packet one-way delay: 69.620 ms
Loss rate: 0.73%
-- Flow 3:
Average throughput: 23.99 Mbit/s
95th percentile per-packet one-way delay: 53.488 ms
Loss rate: 0.00%
```

Run 5: Report of LEDBAT — Data Link

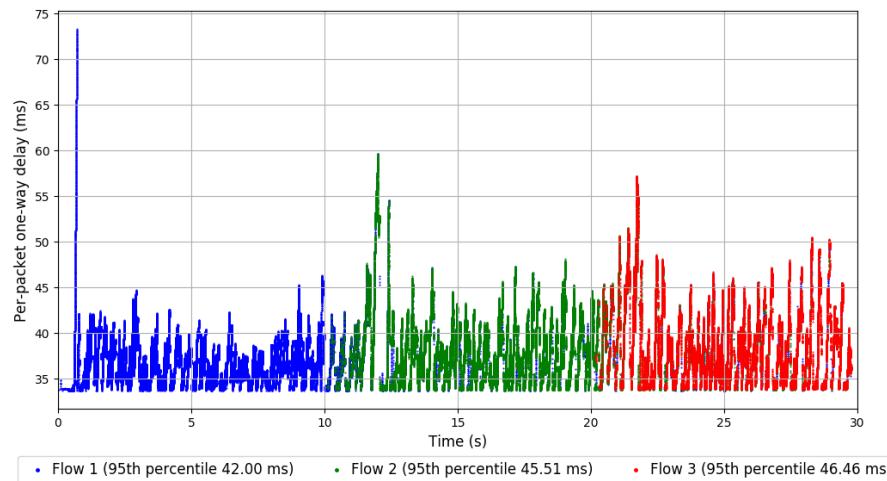
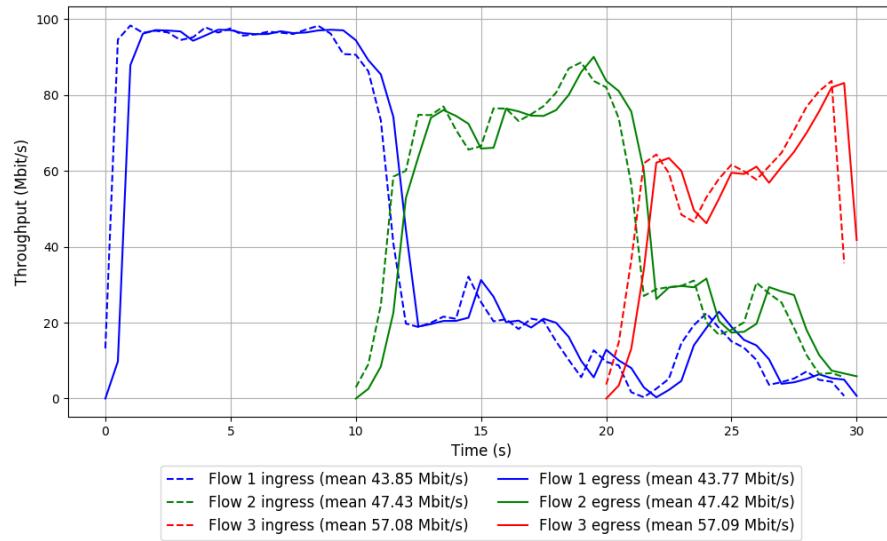


```
Run 1: Statistics of Muses\_DecisionTree

Start at: 2019-08-26 23:11:48
End at: 2019-08-26 23:12:18
Local clock offset: -0.56 ms
Remote clock offset: 4.972 ms

# Below is generated by plot.py at 2019-08-27 03:26:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.68 Mbit/s
95th percentile per-packet one-way delay: 44.691 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 43.77 Mbit/s
95th percentile per-packet one-way delay: 42.003 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 47.42 Mbit/s
95th percentile per-packet one-way delay: 45.507 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 57.09 Mbit/s
95th percentile per-packet one-way delay: 46.457 ms
Loss rate: 0.00%
```

Run 1: Report of Muses_DecisionTree — Data Link

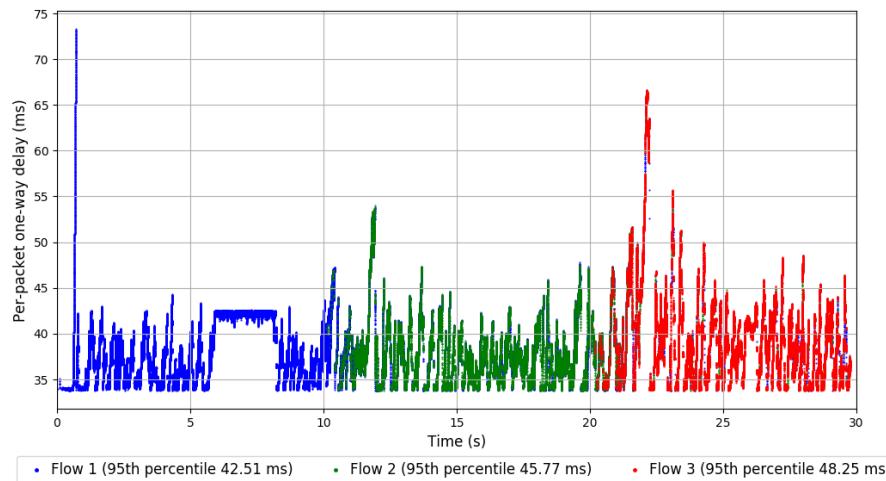
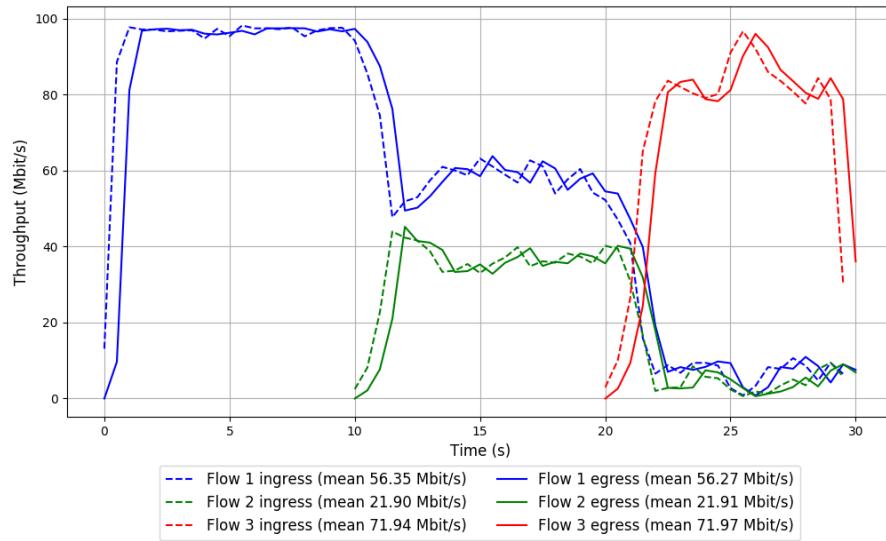


```
Run 2: Statistics of Muses\_DecisionTree

Start at: 2019-08-26 23:56:46
End at: 2019-08-26 23:57:16
Local clock offset: -1.032 ms
Remote clock offset: 6.077 ms

# Below is generated by plot.py at 2019-08-27 03:26:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.12 Mbit/s
95th percentile per-packet one-way delay: 44.828 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 56.27 Mbit/s
95th percentile per-packet one-way delay: 42.511 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 21.91 Mbit/s
95th percentile per-packet one-way delay: 45.774 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 71.97 Mbit/s
95th percentile per-packet one-way delay: 48.249 ms
Loss rate: 0.00%
```

Run 2: Report of Muses_DecisionTree — Data Link

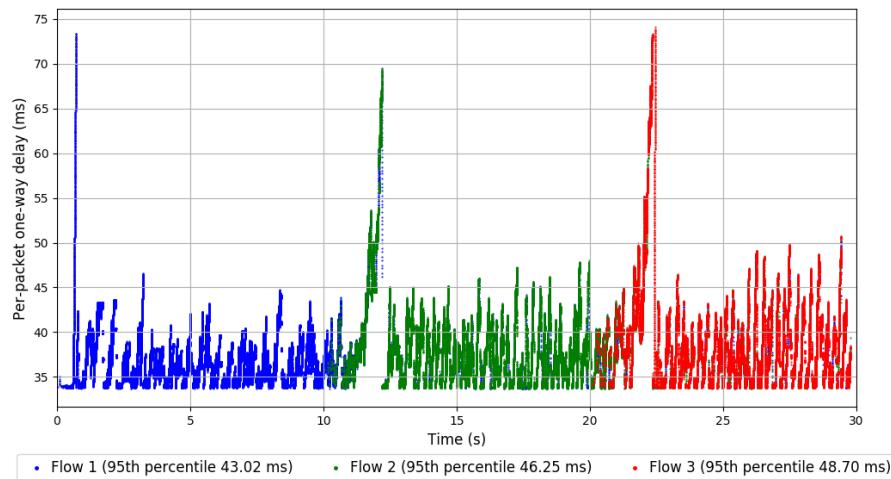
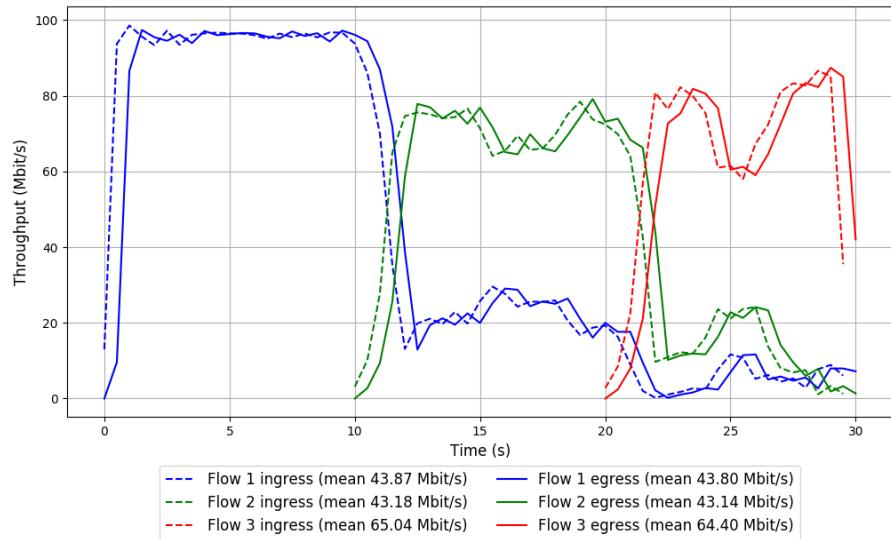


```
Run 3: Statistics of Muses\_DecisionTree

Start at: 2019-08-27 00:46:19
End at: 2019-08-27 00:46:50
Local clock offset: -1.171 ms
Remote clock offset: 3.923 ms

# Below is generated by plot.py at 2019-08-27 03:26:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.34 Mbit/s
95th percentile per-packet one-way delay: 45.230 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 43.80 Mbit/s
95th percentile per-packet one-way delay: 43.018 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 43.14 Mbit/s
95th percentile per-packet one-way delay: 46.249 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 64.40 Mbit/s
95th percentile per-packet one-way delay: 48.705 ms
Loss rate: 0.95%
```

Run 3: Report of Muses_DecisionTree — Data Link

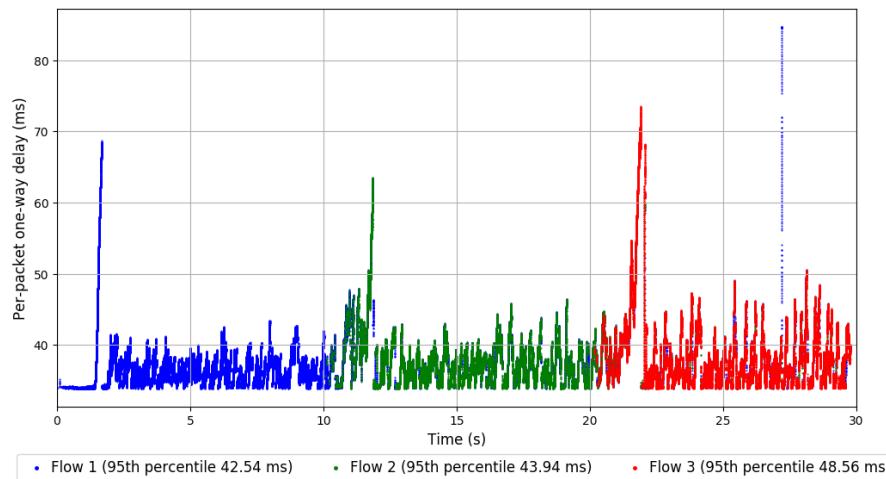
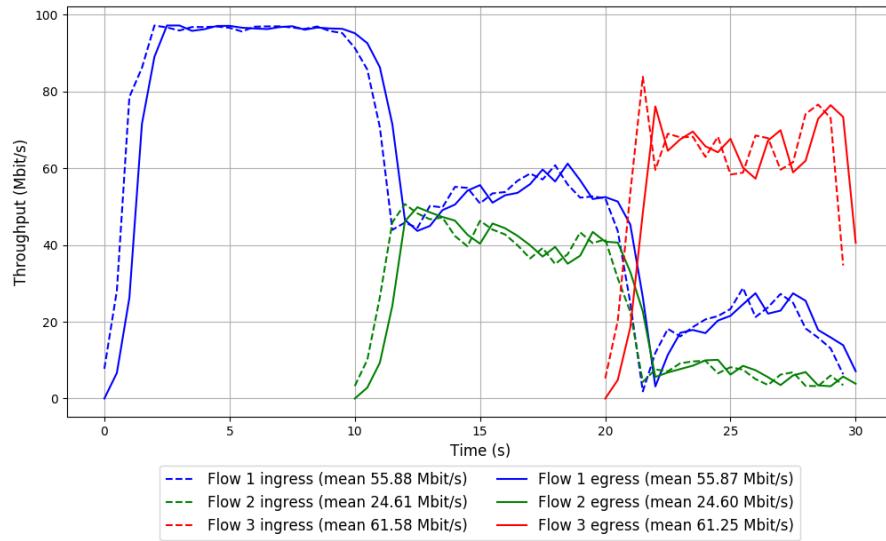


```
Run 4: Statistics of Muses\_DecisionTree

Start at: 2019-08-27 01:39:26
End at: 2019-08-27 01:39:56
Local clock offset: -0.903 ms
Remote clock offset: 4.042 ms

# Below is generated by plot.py at 2019-08-27 03:26:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.11 Mbit/s
95th percentile per-packet one-way delay: 44.209 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 55.87 Mbit/s
95th percentile per-packet one-way delay: 42.536 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.60 Mbit/s
95th percentile per-packet one-way delay: 43.943 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 61.25 Mbit/s
95th percentile per-packet one-way delay: 48.564 ms
Loss rate: 0.54%
```

Run 4: Report of Muses_DecisionTree — Data Link

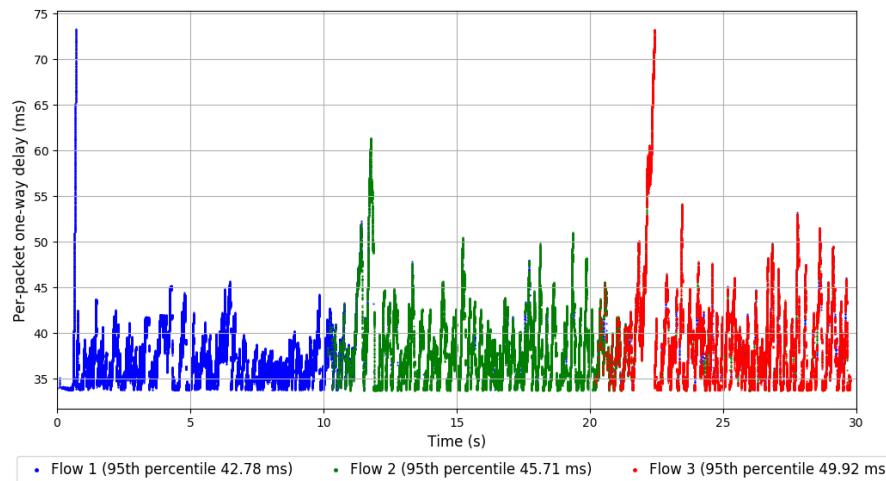
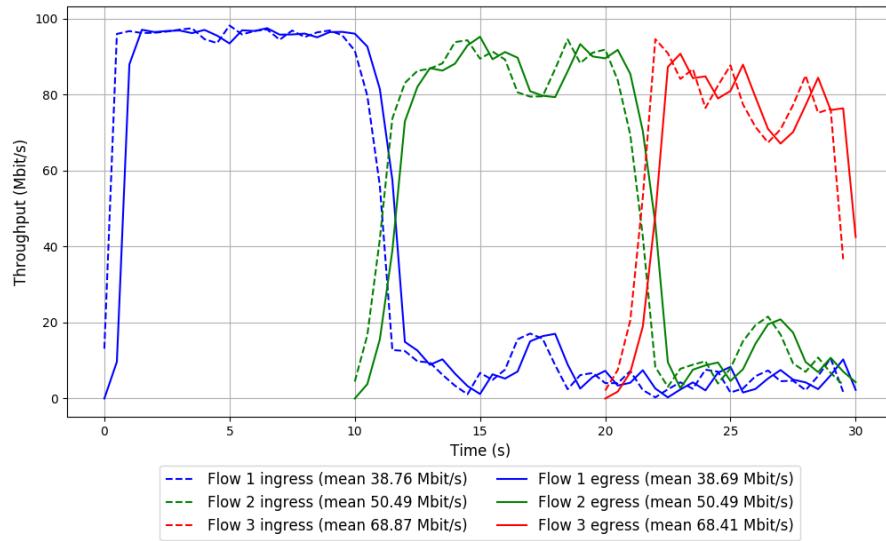


```
Run 5: Statistics of Muses\_DecisionTree

Start at: 2019-08-27 02:22:50
End at: 2019-08-27 02:23:20
Local clock offset: -1.072 ms
Remote clock offset: 3.042 ms

# Below is generated by plot.py at 2019-08-27 03:27:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.20 Mbit/s
95th percentile per-packet one-way delay: 45.636 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 38.69 Mbit/s
95th percentile per-packet one-way delay: 42.784 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 50.49 Mbit/s
95th percentile per-packet one-way delay: 45.711 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 68.41 Mbit/s
95th percentile per-packet one-way delay: 49.920 ms
Loss rate: 0.65%
```

Run 5: Report of Muses_DecisionTree — Data Link

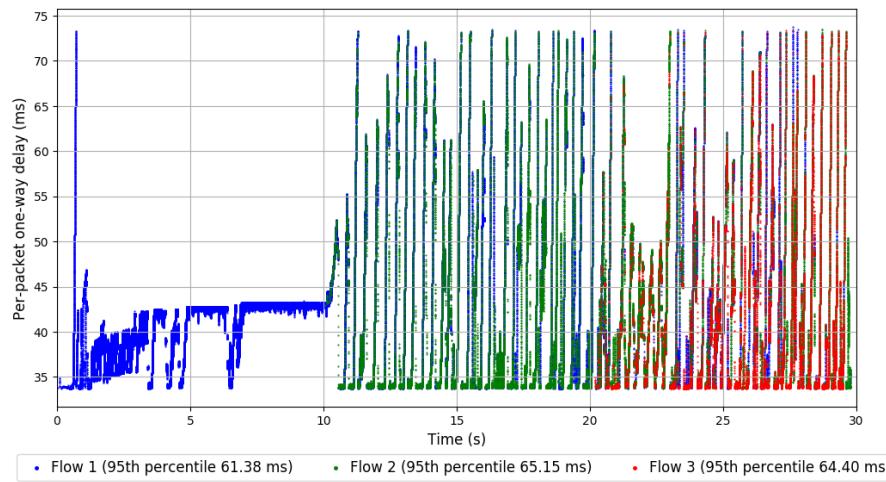
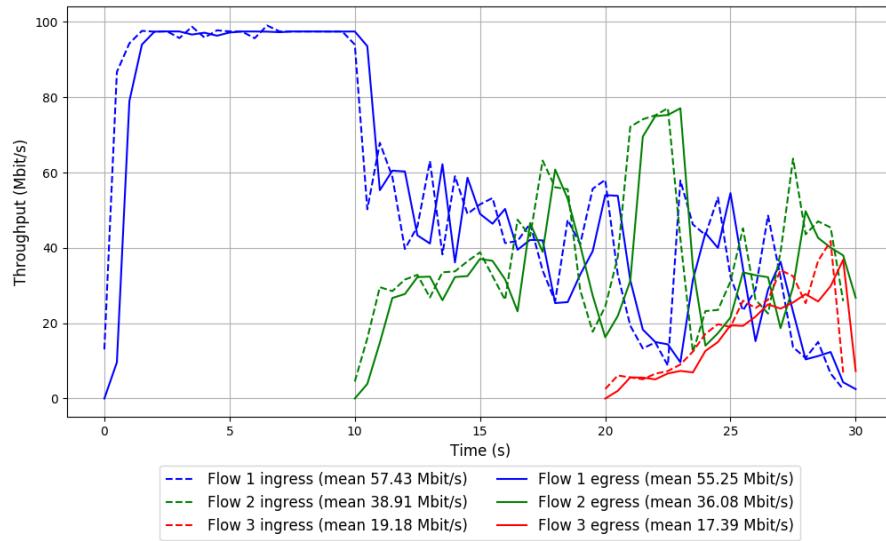


```
Run 1: Statistics of Muses\_DecisionTreeH0

Start at: 2019-08-26 23:27:48
End at: 2019-08-26 23:28:18
Local clock offset: -0.696 ms
Remote clock offset: 4.395 ms

# Below is generated by plot.py at 2019-08-27 03:27:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.71 Mbit/s
95th percentile per-packet one-way delay: 63.134 ms
Loss rate: 5.21%
-- Flow 1:
Average throughput: 55.25 Mbit/s
95th percentile per-packet one-way delay: 61.385 ms
Loss rate: 3.80%
-- Flow 2:
Average throughput: 36.08 Mbit/s
95th percentile per-packet one-way delay: 65.150 ms
Loss rate: 7.30%
-- Flow 3:
Average throughput: 17.39 Mbit/s
95th percentile per-packet one-way delay: 64.397 ms
Loss rate: 9.59%
```

Run 1: Report of Muses_DecisionTreeH0 — Data Link

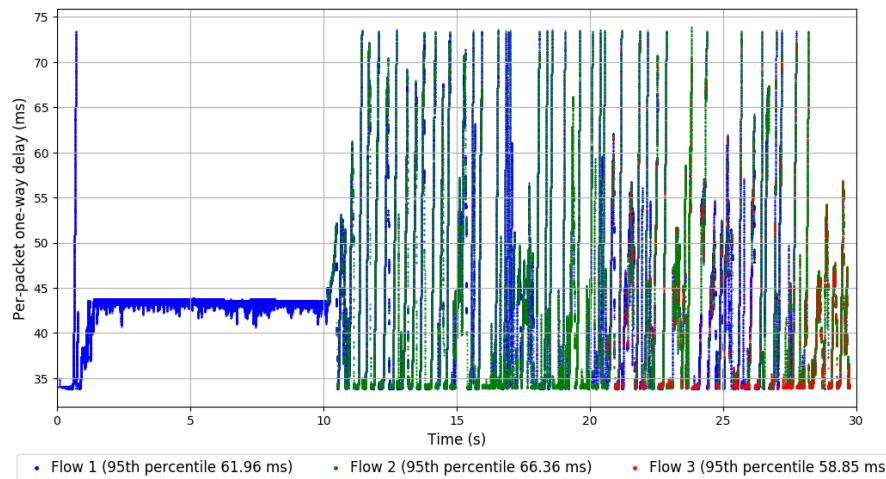
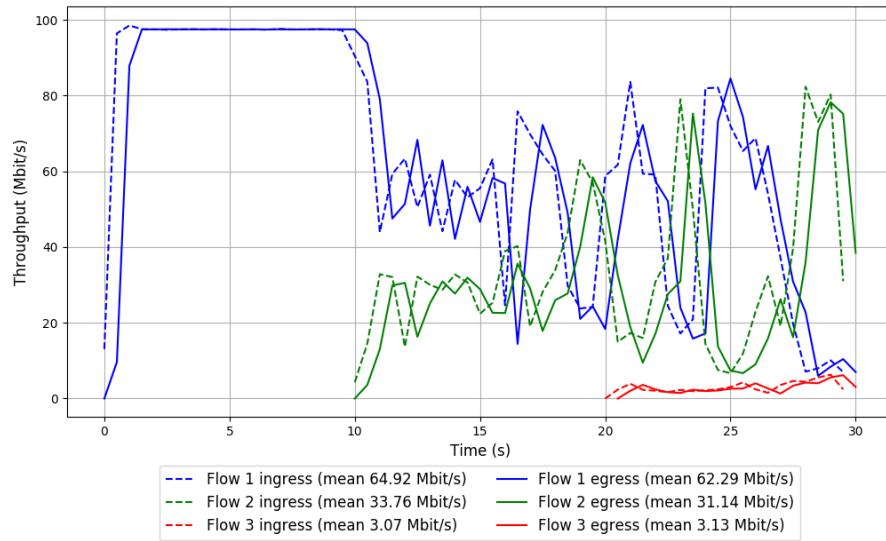


```
Run 2: Statistics of Muses\_DecisionTreeH0

Start at: 2019-08-27 00:13:49
End at: 2019-08-27 00:14:19
Local clock offset: -1.092 ms
Remote clock offset: 6.45 ms

# Below is generated by plot.py at 2019-08-27 03:27:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.89 Mbit/s
95th percentile per-packet one-way delay: 63.634 ms
Loss rate: 5.01%
-- Flow 1:
Average throughput: 62.29 Mbit/s
95th percentile per-packet one-way delay: 61.960 ms
Loss rate: 4.06%
-- Flow 2:
Average throughput: 31.14 Mbit/s
95th percentile per-packet one-way delay: 66.355 ms
Loss rate: 7.82%
-- Flow 3:
Average throughput: 3.13 Mbit/s
95th percentile per-packet one-way delay: 58.853 ms
Loss rate: 3.43%
```

Run 2: Report of Muses_DecisionTreeH0 — Data Link

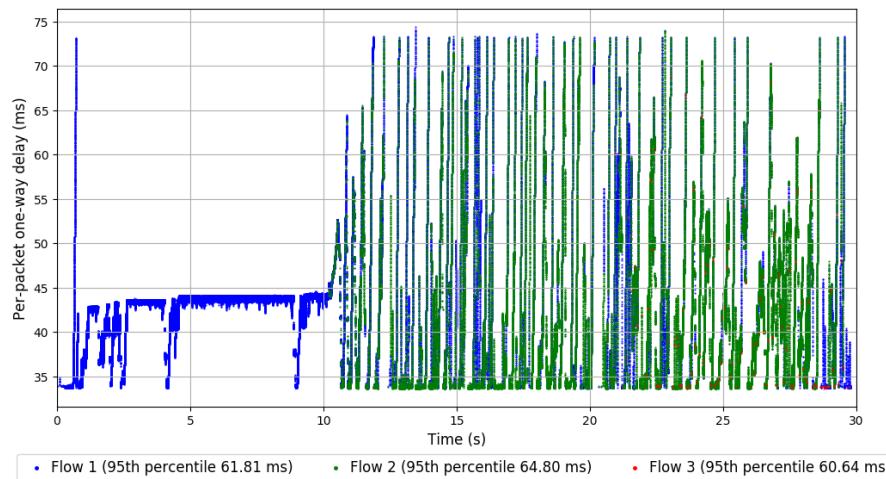
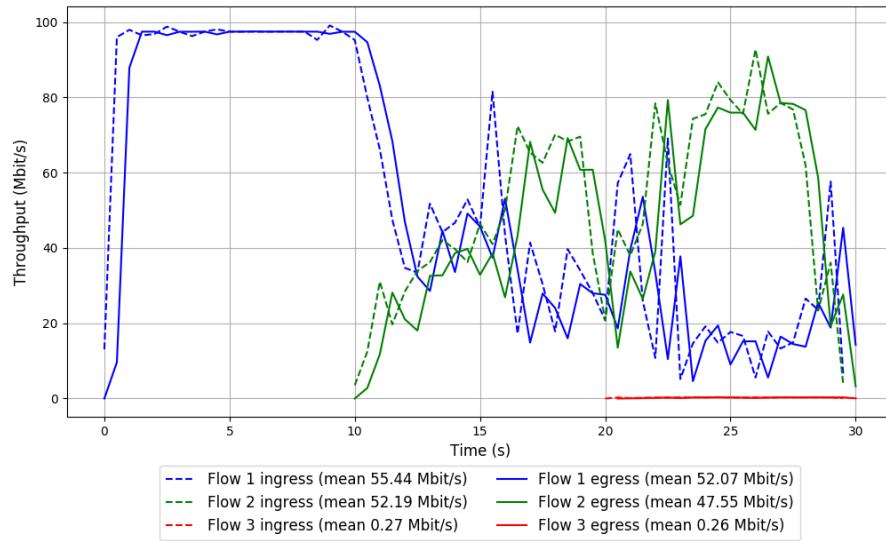


```
Run 3: Statistics of Muses\_DecisionTreeH0

Start at: 2019-08-27 01:06:09
End at: 2019-08-27 01:06:39
Local clock offset: -1.005 ms
Remote clock offset: 5.619 ms

# Below is generated by plot.py at 2019-08-27 03:27:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.51 Mbit/s
95th percentile per-packet one-way delay: 63.404 ms
Loss rate: 7.18%
-- Flow 1:
Average throughput: 52.07 Mbit/s
95th percentile per-packet one-way delay: 61.811 ms
Loss rate: 6.08%
-- Flow 2:
Average throughput: 47.55 Mbit/s
95th percentile per-packet one-way delay: 64.797 ms
Loss rate: 8.94%
-- Flow 3:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 60.642 ms
Loss rate: 9.43%
```

Run 3: Report of Muses_DecisionTreeH0 — Data Link

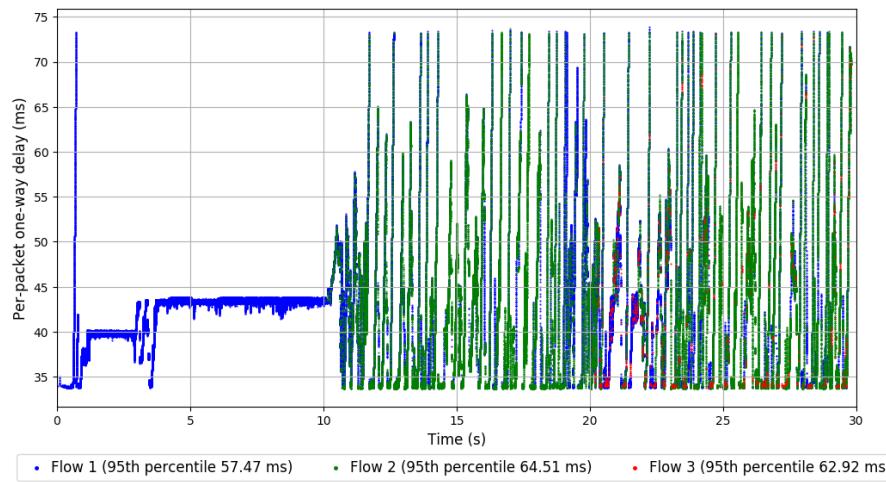
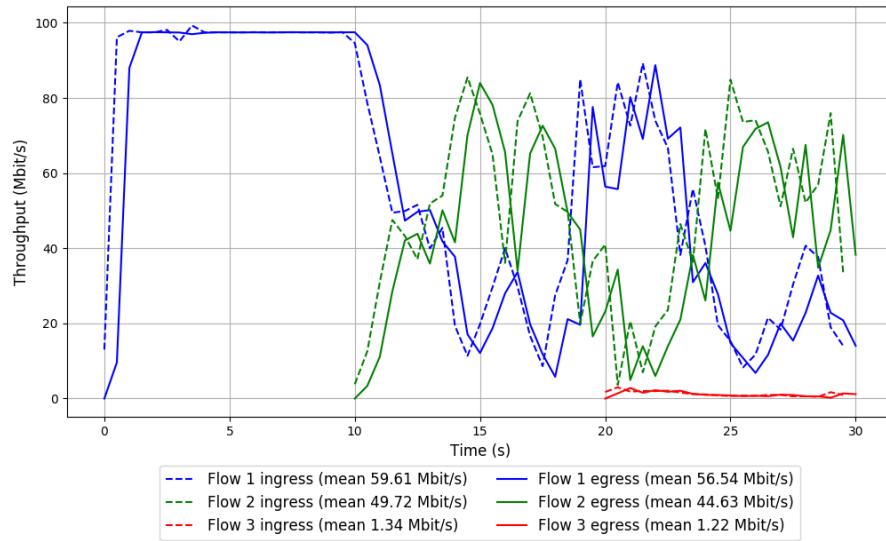


```
Run 4: Statistics of Muses\_DecisionTreeH0

Start at: 2019-08-27 01:56:57
End at: 2019-08-27 01:57:27
Local clock offset: -0.845 ms
Remote clock offset: 3.115 ms

# Below is generated by plot.py at 2019-08-27 03:27:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.49 Mbit/s
95th percentile per-packet one-way delay: 61.054 ms
Loss rate: 6.85%
-- Flow 1:
Average throughput: 56.54 Mbit/s
95th percentile per-packet one-way delay: 57.468 ms
Loss rate: 5.03%
-- Flow 2:
Average throughput: 44.63 Mbit/s
95th percentile per-packet one-way delay: 64.511 ms
Loss rate: 10.13%
-- Flow 3:
Average throughput: 1.22 Mbit/s
95th percentile per-packet one-way delay: 62.916 ms
Loss rate: 8.51%
```

Run 4: Report of Muses_DecisionTreeH0 — Data Link

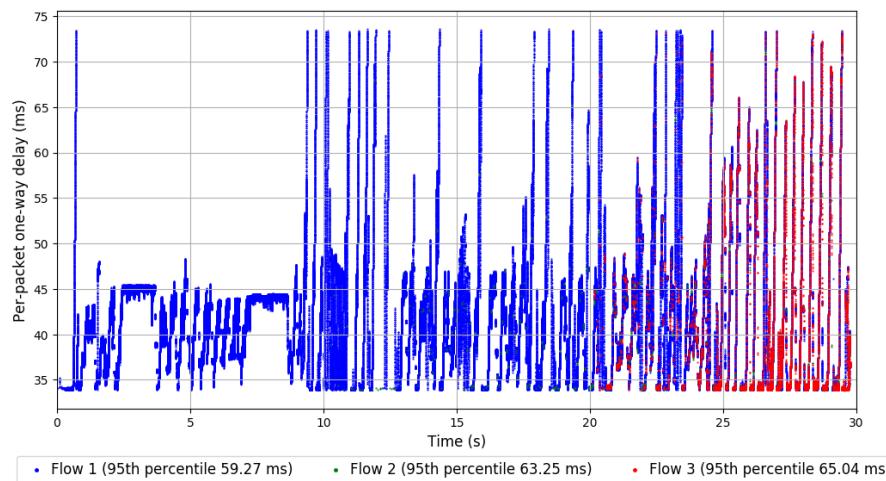
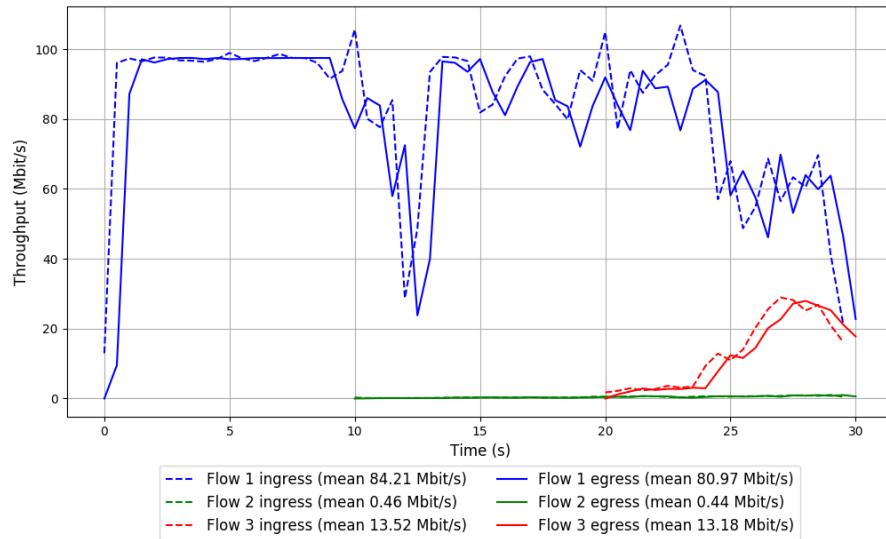


```
Run 5: Statistics of Muses\_DecisionTreeH0

Start at: 2019-08-27 02:43:36
End at: 2019-08-27 02:44:06
Local clock offset: -1.245 ms
Remote clock offset: 4.163 ms

# Below is generated by plot.py at 2019-08-27 03:27:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.55 Mbit/s
95th percentile per-packet one-way delay: 59.884 ms
Loss rate: 3.77%
-- Flow 1:
Average throughput: 80.97 Mbit/s
95th percentile per-packet one-way delay: 59.272 ms
Loss rate: 3.83%
-- Flow 2:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 63.246 ms
Loss rate: 4.12%
-- Flow 3:
Average throughput: 13.18 Mbit/s
95th percentile per-packet one-way delay: 65.036 ms
Loss rate: 2.46%
```

Run 5: Report of Muses_DecisionTreeH0 — Data Link

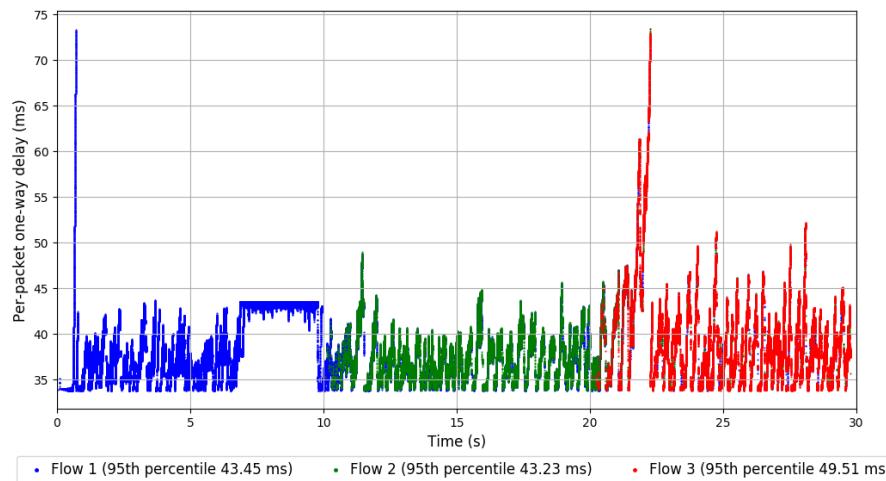
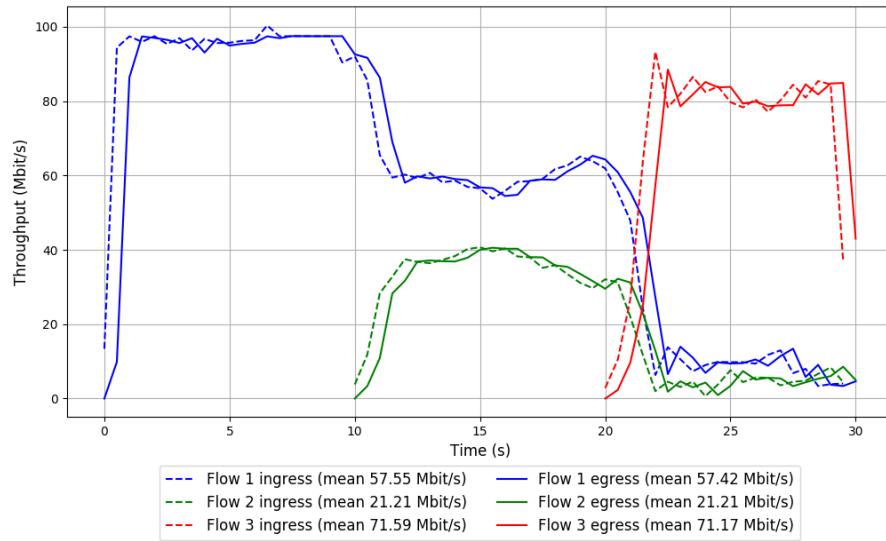


```
Run 1: Statistics of Muses\_DecisionTreeR0

Start at: 2019-08-26 23:23:36
End at: 2019-08-26 23:24:06
Local clock offset: -0.677 ms
Remote clock offset: 4.611 ms

# Below is generated by plot.py at 2019-08-27 03:28:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.49 Mbit/s
95th percentile per-packet one-way delay: 43.956 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 57.42 Mbit/s
95th percentile per-packet one-way delay: 43.454 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 21.21 Mbit/s
95th percentile per-packet one-way delay: 43.229 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 71.17 Mbit/s
95th percentile per-packet one-way delay: 49.512 ms
Loss rate: 0.59%
```

Run 1: Report of Muses_DecisionTreeR0 — Data Link

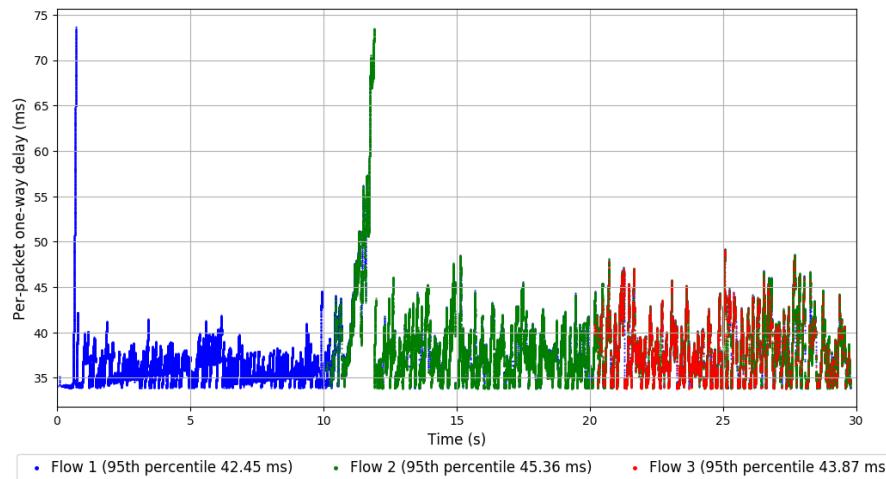
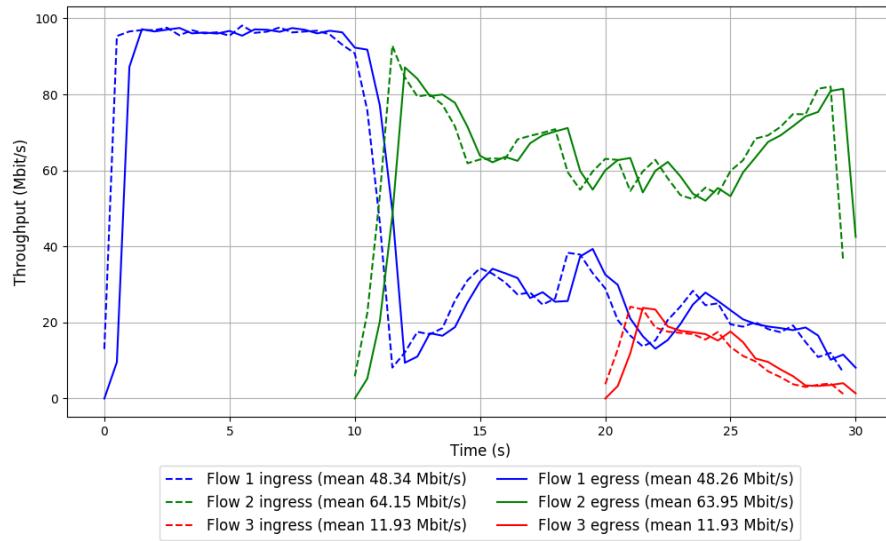


```
Run 2: Statistics of Muses\_DecisionTreeR0

Start at: 2019-08-27 00:09:43
End at: 2019-08-27 00:10:13
Local clock offset: -1.058 ms
Remote clock offset: 6.47 ms

# Below is generated by plot.py at 2019-08-27 03:28:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.50 Mbit/s
95th percentile per-packet one-way delay: 43.943 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 48.26 Mbit/s
95th percentile per-packet one-way delay: 42.450 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 63.95 Mbit/s
95th percentile per-packet one-way delay: 45.357 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 11.93 Mbit/s
95th percentile per-packet one-way delay: 43.866 ms
Loss rate: 0.00%
```

Run 2: Report of Muses_DecisionTreeR0 — Data Link

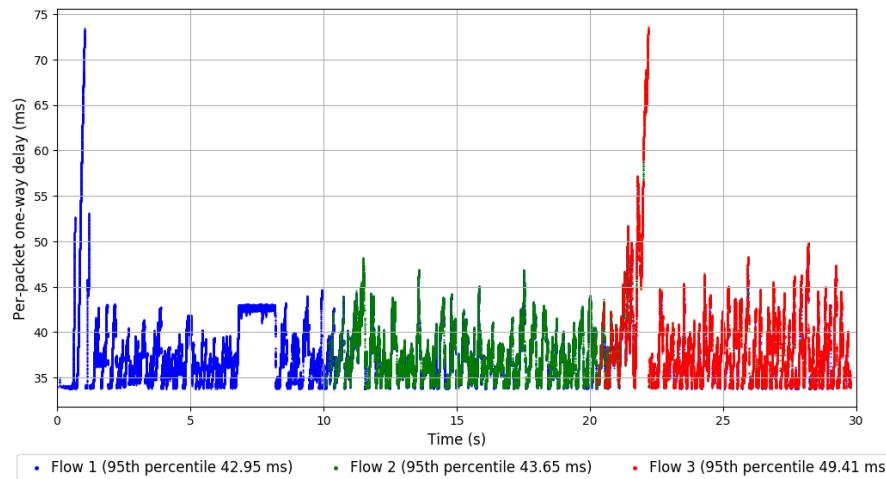
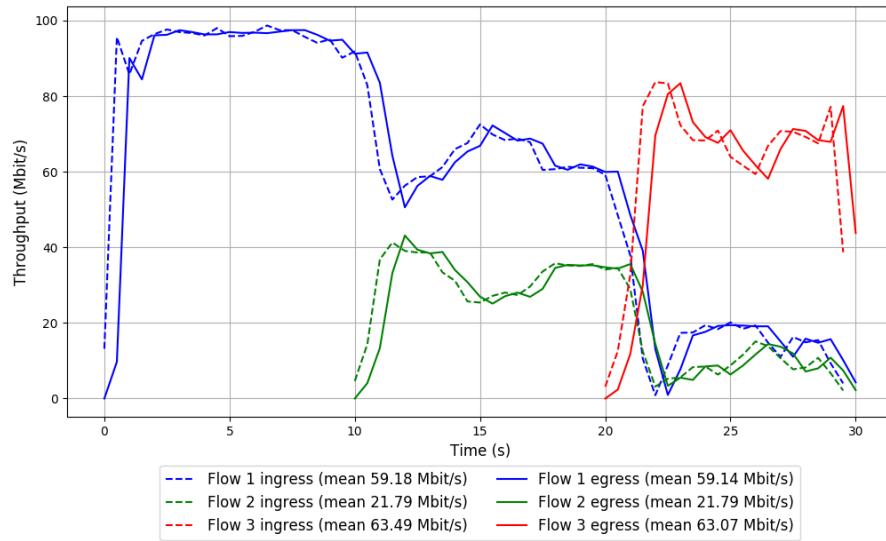


```
Run 3: Statistics of Muses\_DecisionTreeR0

Start at: 2019-08-27 00:59:47
End at: 2019-08-27 01:00:17
Local clock offset: -1.039 ms
Remote clock offset: 5.338 ms

# Below is generated by plot.py at 2019-08-27 03:28:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.93 Mbit/s
95th percentile per-packet one-way delay: 44.035 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 59.14 Mbit/s
95th percentile per-packet one-way delay: 42.947 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 21.79 Mbit/s
95th percentile per-packet one-way delay: 43.652 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 63.07 Mbit/s
95th percentile per-packet one-way delay: 49.411 ms
Loss rate: 0.71%
```

Run 3: Report of Muses_DecisionTreeR0 — Data Link

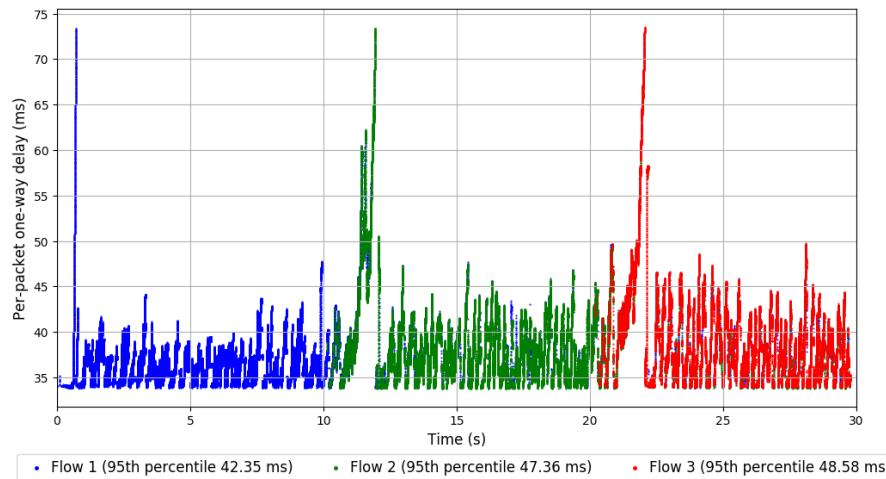
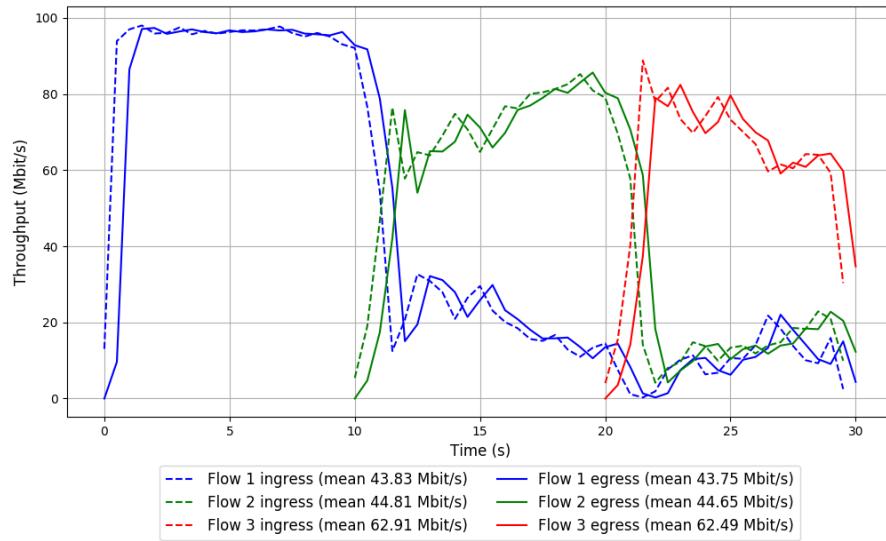


```
Run 4: Statistics of Muses\_DecisionTreeR0

Start at: 2019-08-27 01:53:19
End at: 2019-08-27 01:53:49
Local clock offset: -0.837 ms
Remote clock offset: 3.265 ms

# Below is generated by plot.py at 2019-08-27 03:28:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.59 Mbit/s
95th percentile per-packet one-way delay: 45.720 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 43.75 Mbit/s
95th percentile per-packet one-way delay: 42.348 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 44.65 Mbit/s
95th percentile per-packet one-way delay: 47.359 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 62.49 Mbit/s
95th percentile per-packet one-way delay: 48.582 ms
Loss rate: 0.69%
```

Run 4: Report of Muses_DecisionTreeR0 — Data Link

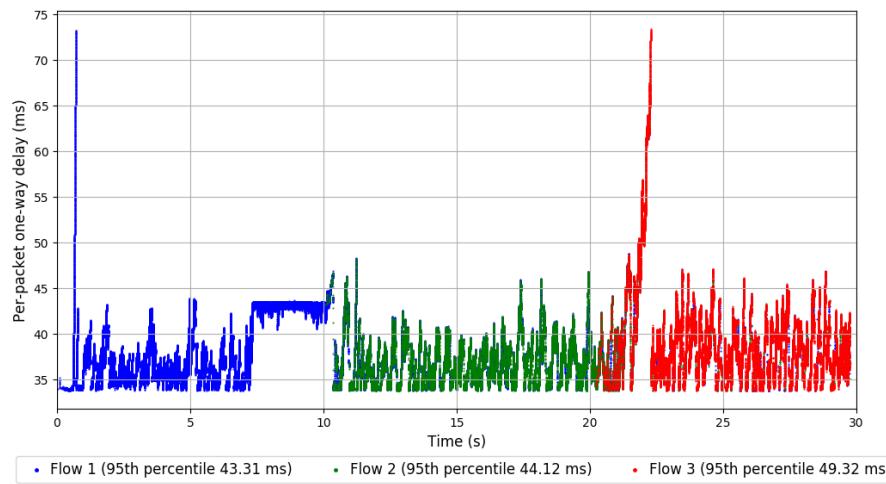
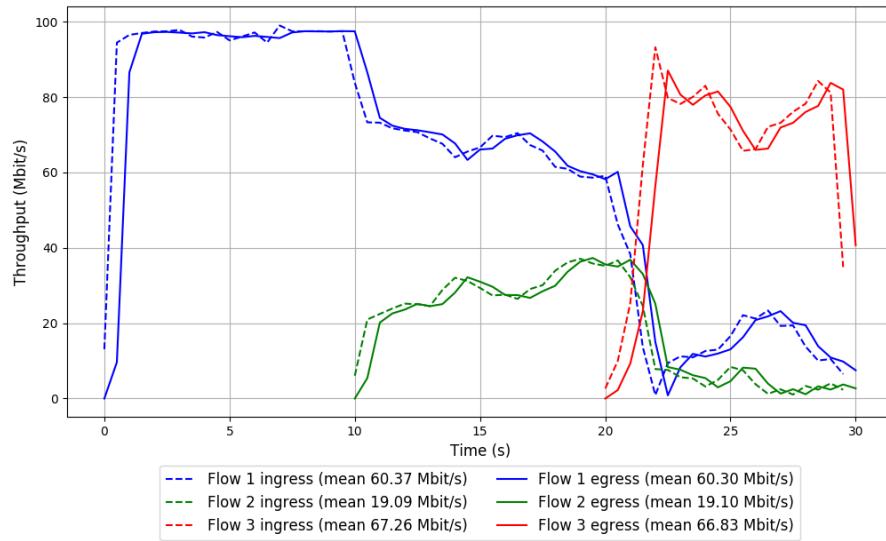


```
Run 5: Statistics of Muses\_DecisionTreeR0

Start at: 2019-08-27 02:37:17
End at: 2019-08-27 02:37:47
Local clock offset: -1.186 ms
Remote clock offset: 3.876 ms

# Below is generated by plot.py at 2019-08-27 03:28:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.57 Mbit/s
95th percentile per-packet one-way delay: 43.688 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 60.30 Mbit/s
95th percentile per-packet one-way delay: 43.311 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 19.10 Mbit/s
95th percentile per-packet one-way delay: 44.123 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 66.83 Mbit/s
95th percentile per-packet one-way delay: 49.317 ms
Loss rate: 0.64%
```

Run 5: Report of Muses_DecisionTreeR0 — Data Link

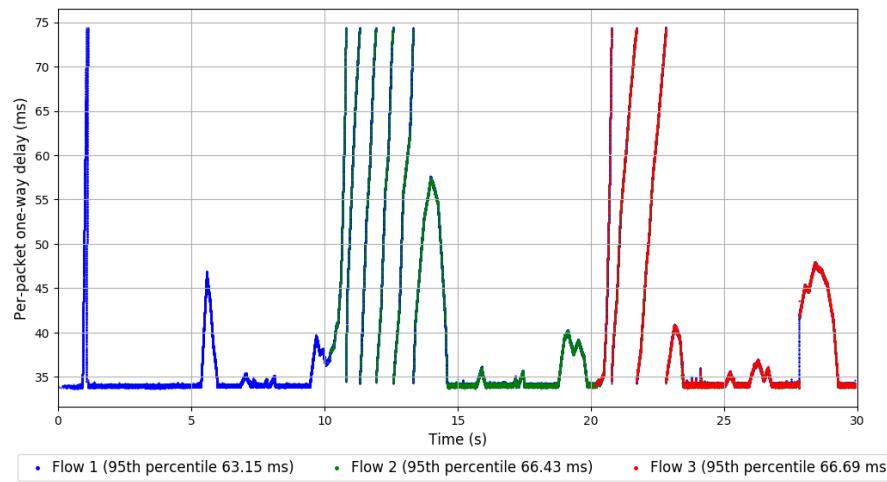
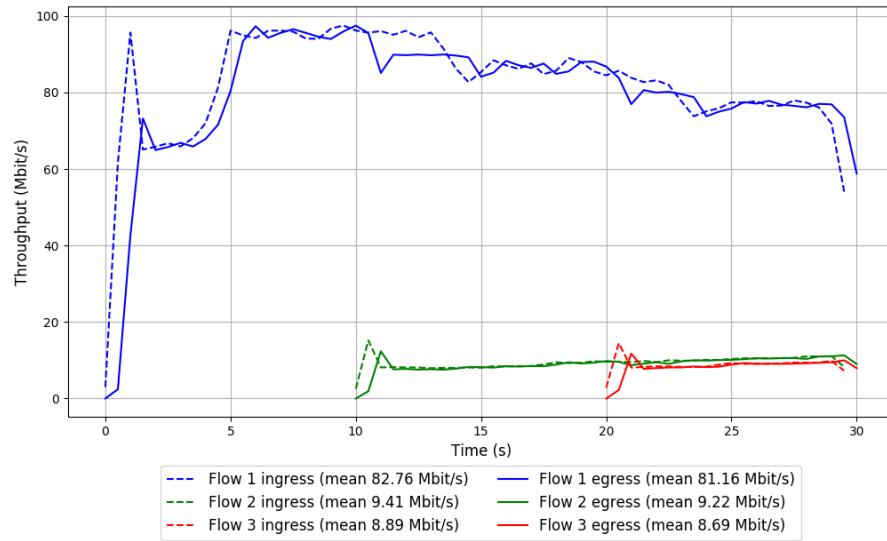


```
Run 1: Statistics of PCC-Allegro

Start at: 2019-08-26 23:20:46
End at: 2019-08-26 23:21:16
Local clock offset: -0.604 ms
Remote clock offset: 4.628 ms

# Below is generated by plot.py at 2019-08-27 03:28:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.15 Mbit/s
95th percentile per-packet one-way delay: 63.644 ms
Loss rate: 1.95%
-- Flow 1:
Average throughput: 81.16 Mbit/s
95th percentile per-packet one-way delay: 63.153 ms
Loss rate: 1.94%
-- Flow 2:
Average throughput: 9.22 Mbit/s
95th percentile per-packet one-way delay: 66.430 ms
Loss rate: 2.02%
-- Flow 3:
Average throughput: 8.69 Mbit/s
95th percentile per-packet one-way delay: 66.689 ms
Loss rate: 2.23%
```

Run 1: Report of PCC-Allegro — Data Link

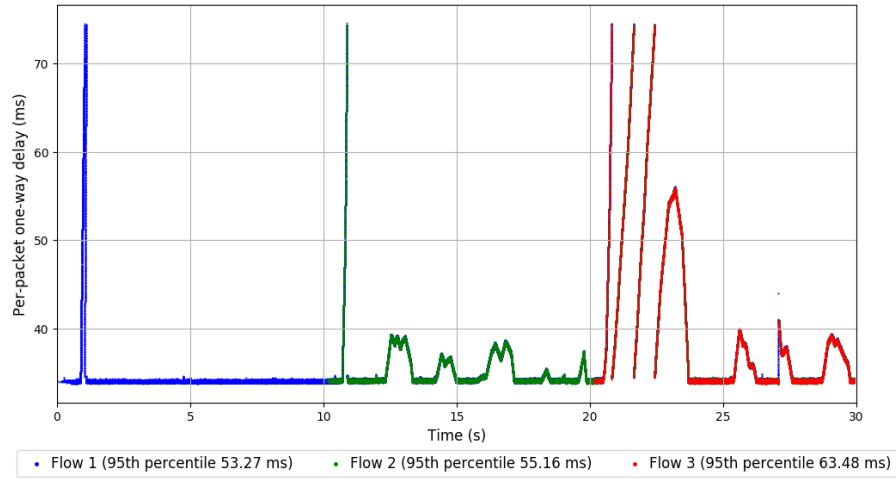
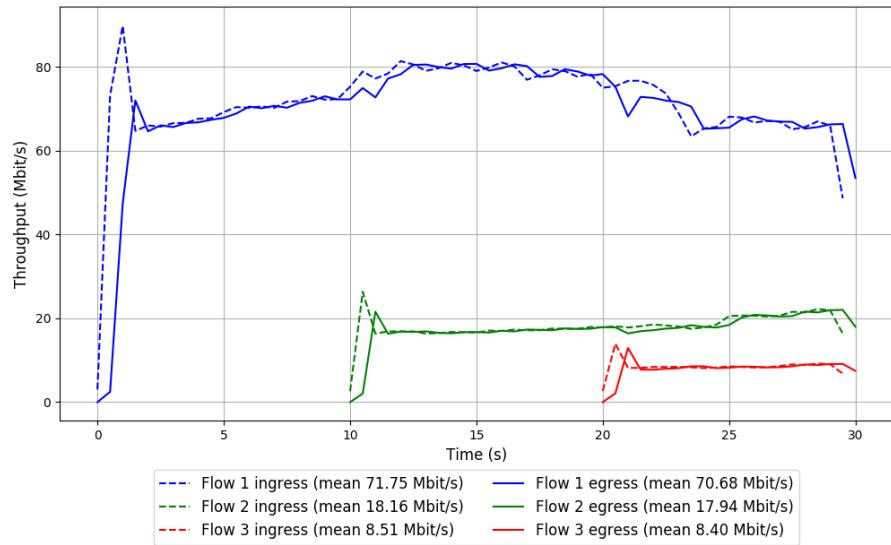


Run 2: Statistics of PCC-Allegro

```
Start at: 2019-08-27 00:06:42
End at: 2019-08-27 00:07:12
Local clock offset: -1.048 ms
Remote clock offset: 6.318 ms

# Below is generated by plot.py at 2019-08-27 03:29:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.38 Mbit/s
95th percentile per-packet one-way delay: 54.216 ms
Loss rate: 1.45%
-- Flow 1:
Average throughput: 70.68 Mbit/s
95th percentile per-packet one-way delay: 53.268 ms
Loss rate: 1.50%
-- Flow 2:
Average throughput: 17.94 Mbit/s
95th percentile per-packet one-way delay: 55.164 ms
Loss rate: 1.19%
-- Flow 3:
Average throughput: 8.40 Mbit/s
95th percentile per-packet one-way delay: 63.481 ms
Loss rate: 1.32%
```

Run 2: Report of PCC-Allegro — Data Link

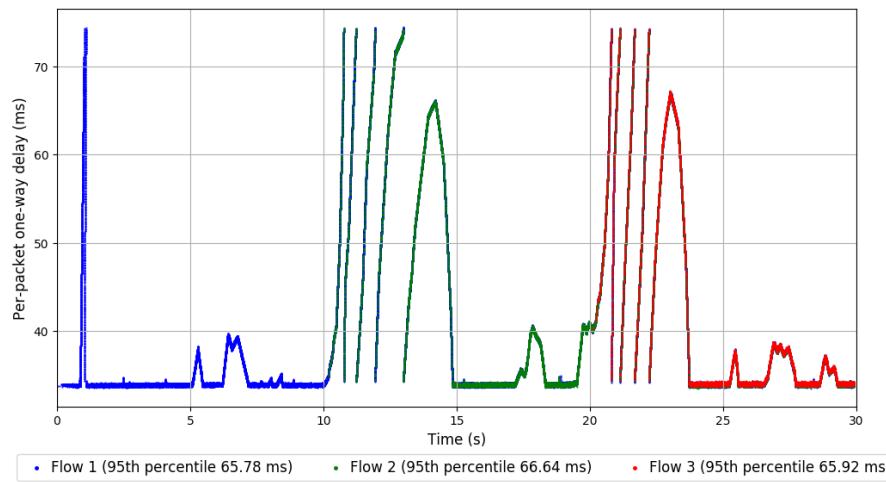
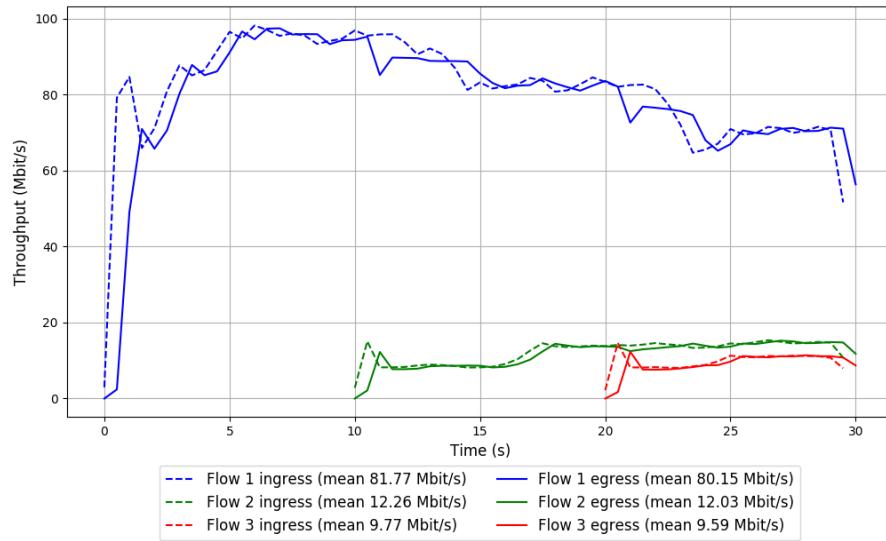


Run 3: Statistics of PCC-Allegro

```
Start at: 2019-08-27 00:56:29
End at: 2019-08-27 00:56:59
Local clock offset: -1.076 ms
Remote clock offset: 4.933 ms

# Below is generated by plot.py at 2019-08-27 03:29:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.31 Mbit/s
95th percentile per-packet one-way delay: 65.865 ms
Loss rate: 1.97%
-- Flow 1:
Average throughput: 80.15 Mbit/s
95th percentile per-packet one-way delay: 65.784 ms
Loss rate: 1.98%
-- Flow 2:
Average throughput: 12.03 Mbit/s
95th percentile per-packet one-way delay: 66.644 ms
Loss rate: 1.86%
-- Flow 3:
Average throughput: 9.59 Mbit/s
95th percentile per-packet one-way delay: 65.918 ms
Loss rate: 1.94%
```

Run 3: Report of PCC-Allegro — Data Link

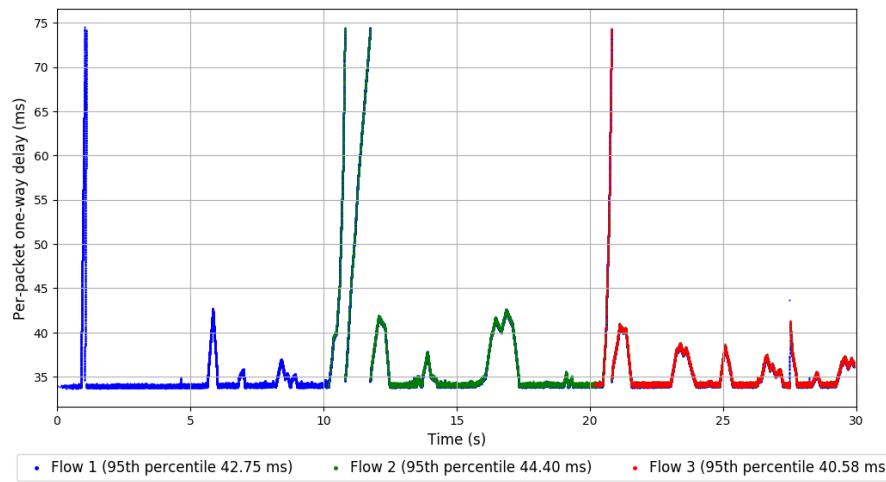
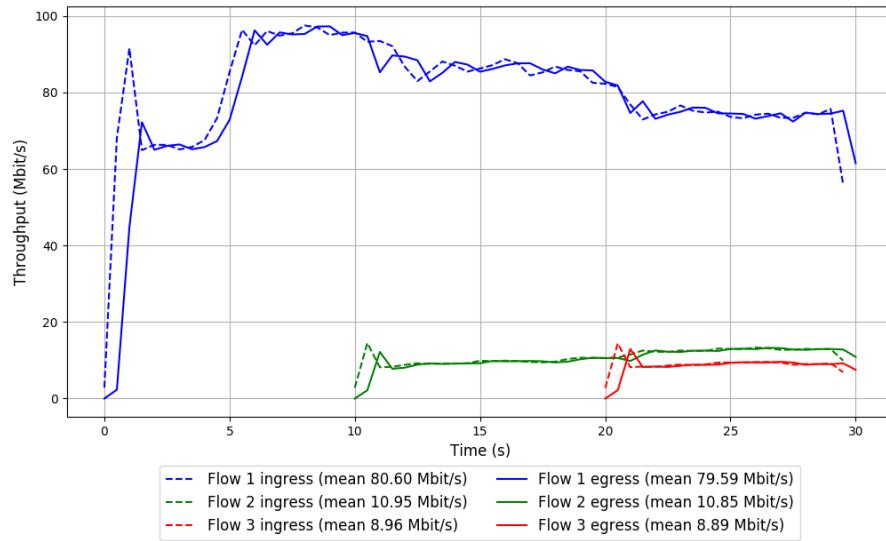


Run 4: Statistics of PCC-Allegro

```
Start at: 2019-08-27 01:50:27
End at: 2019-08-27 01:50:57
Local clock offset: -0.863 ms
Remote clock offset: 3.242 ms

# Below is generated by plot.py at 2019-08-27 03:29:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.74 Mbit/s
95th percentile per-packet one-way delay: 42.745 ms
Loss rate: 1.21%
-- Flow 1:
Average throughput: 79.59 Mbit/s
95th percentile per-packet one-way delay: 42.754 ms
Loss rate: 1.25%
-- Flow 2:
Average throughput: 10.85 Mbit/s
95th percentile per-packet one-way delay: 44.395 ms
Loss rate: 0.88%
-- Flow 3:
Average throughput: 8.89 Mbit/s
95th percentile per-packet one-way delay: 40.584 ms
Loss rate: 0.82%
```

Run 4: Report of PCC-Allegro — Data Link

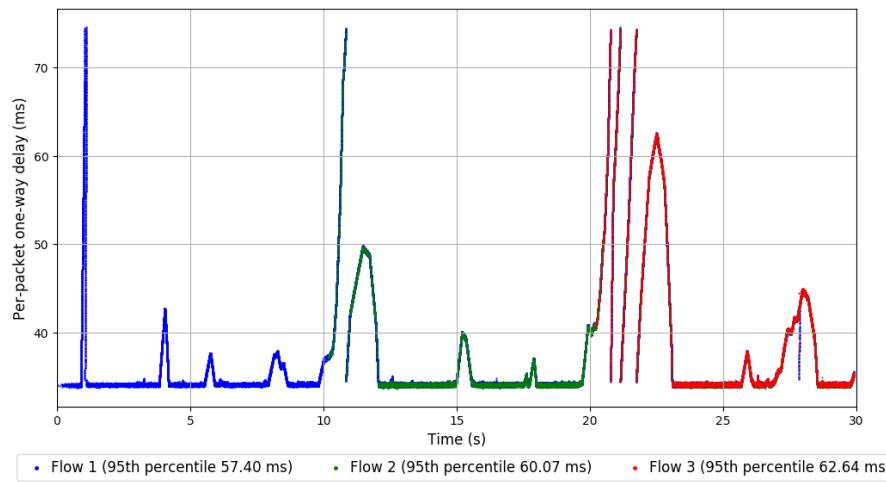
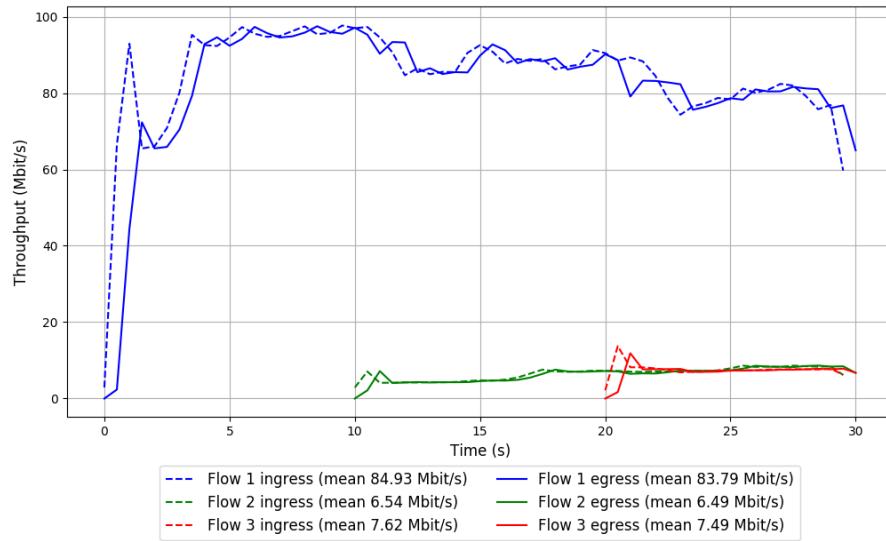


Run 5: Statistics of PCC-Allegro

```
Start at: 2019-08-27 02:33:32
End at: 2019-08-27 02:34:02
Local clock offset: -1.187 ms
Remote clock offset: 3.558 ms

# Below is generated by plot.py at 2019-08-27 03:29:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.57 Mbit/s
95th percentile per-packet one-way delay: 58.050 ms
Loss rate: 1.32%
-- Flow 1:
Average throughput: 83.79 Mbit/s
95th percentile per-packet one-way delay: 57.400 ms
Loss rate: 1.34%
-- Flow 2:
Average throughput: 6.49 Mbit/s
95th percentile per-packet one-way delay: 60.069 ms
Loss rate: 0.77%
-- Flow 3:
Average throughput: 7.49 Mbit/s
95th percentile per-packet one-way delay: 62.636 ms
Loss rate: 1.75%
```

Run 5: Report of PCC-Allegro — Data Link

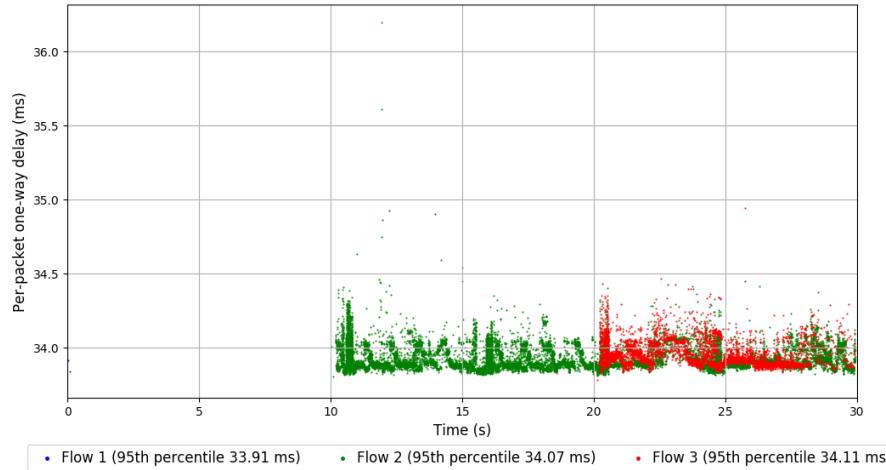
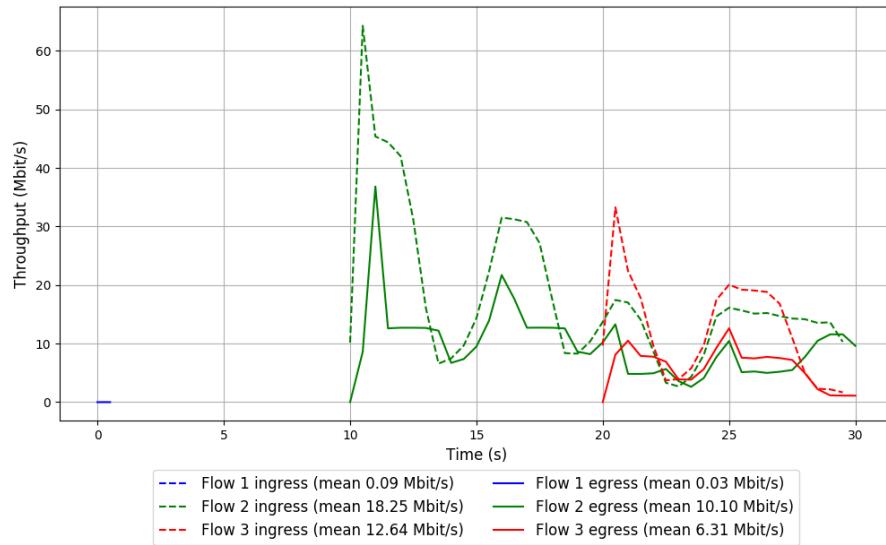


Run 1: Statistics of PCC-Expr

```
Start at: 2019-08-26 23:34:53
End at: 2019-08-26 23:35:23
Local clock offset: -0.77 ms
Remote clock offset: 4.518 ms

# Below is generated by plot.py at 2019-08-27 03:29:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.80 Mbit/s
95th percentile per-packet one-way delay: 34.089 ms
Loss rate: 46.03%
-- Flow 1:
Average throughput: 0.03 Mbit/s
95th percentile per-packet one-way delay: 33.914 ms
Loss rate: 85.71%
-- Flow 2:
Average throughput: 10.10 Mbit/s
95th percentile per-packet one-way delay: 34.072 ms
Loss rate: 44.63%
-- Flow 3:
Average throughput: 6.31 Mbit/s
95th percentile per-packet one-way delay: 34.111 ms
Loss rate: 50.09%
```

Run 1: Report of PCC-Expr — Data Link

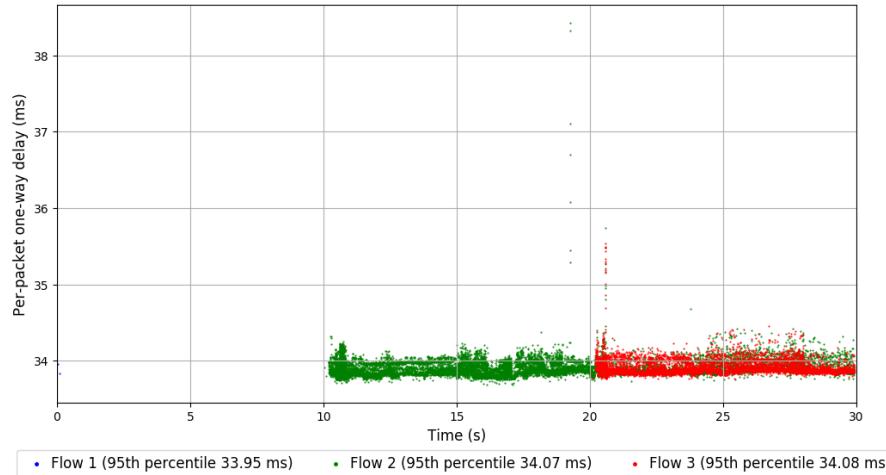
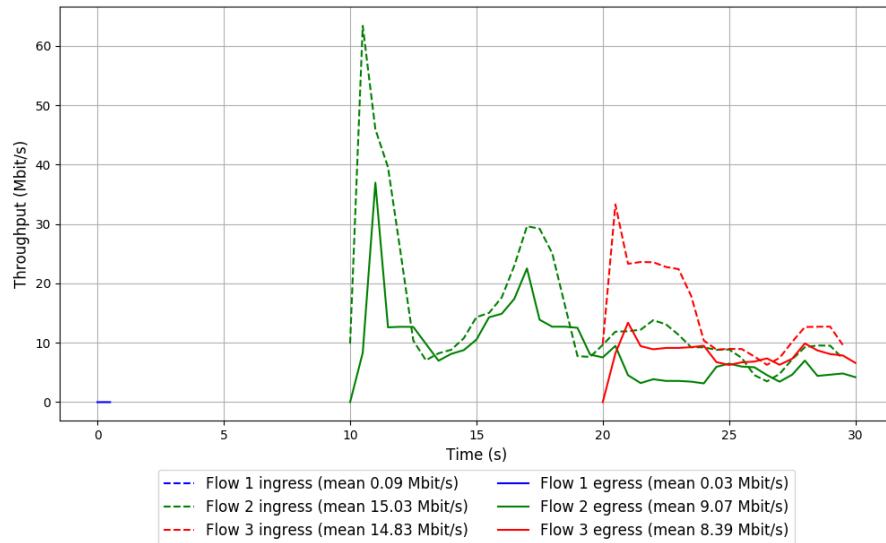


Run 2: Statistics of PCC-Expr

```
Start at: 2019-08-27 00:21:21
End at: 2019-08-27 00:21:51
Local clock offset: -1.091 ms
Remote clock offset: 5.279 ms

# Below is generated by plot.py at 2019-08-27 03:29:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.80 Mbit/s
95th percentile per-packet one-way delay: 34.074 ms
Loss rate: 40.92%
-- Flow 1:
Average throughput: 0.03 Mbit/s
95th percentile per-packet one-way delay: 33.952 ms
Loss rate: 85.71%
-- Flow 2:
Average throughput: 9.07 Mbit/s
95th percentile per-packet one-way delay: 34.071 ms
Loss rate: 39.66%
-- Flow 3:
Average throughput: 8.39 Mbit/s
95th percentile per-packet one-way delay: 34.083 ms
Loss rate: 43.48%
```

Run 2: Report of PCC-Expr — Data Link

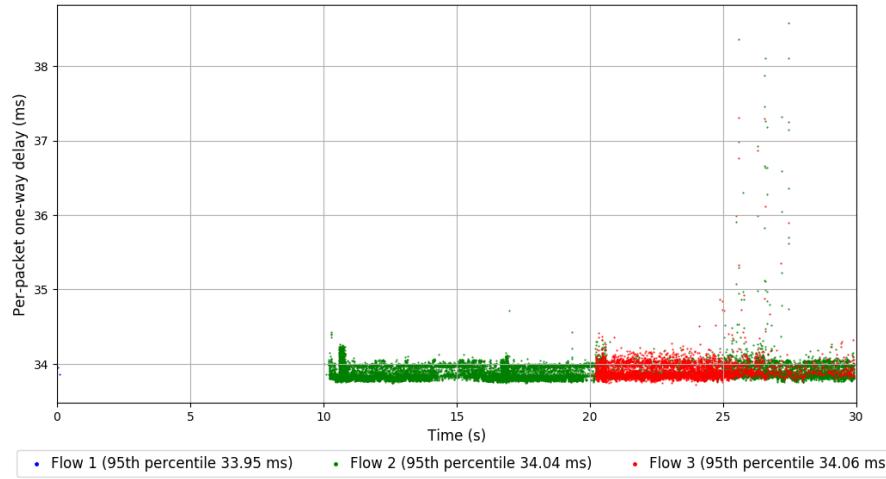
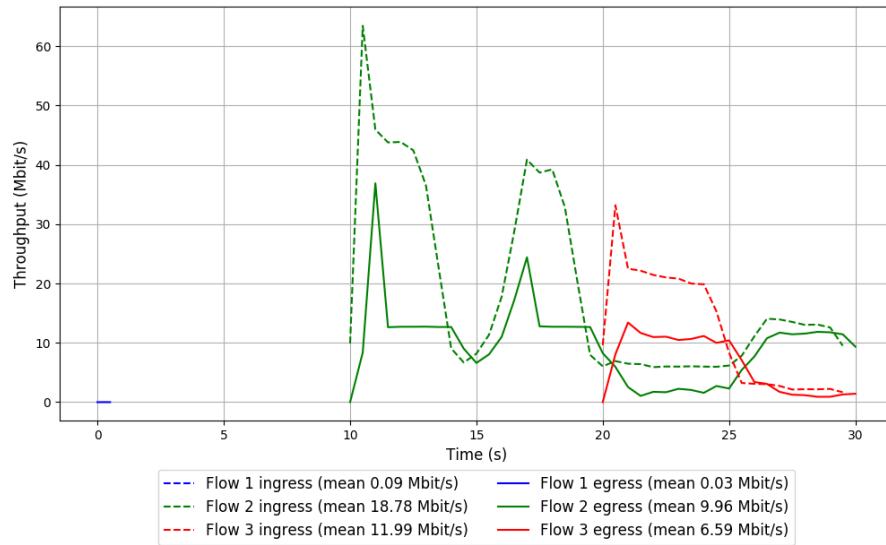


Run 3: Statistics of PCC-Expr

```
Start at: 2019-08-27 01:14:28
End at: 2019-08-27 01:14:58
Local clock offset: -0.93 ms
Remote clock offset: 6.102 ms

# Below is generated by plot.py at 2019-08-27 03:29:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.80 Mbit/s
95th percentile per-packet one-way delay: 34.043 ms
Loss rate: 46.49%
-- Flow 1:
Average throughput: 0.03 Mbit/s
95th percentile per-packet one-way delay: 33.951 ms
Loss rate: 85.71%
-- Flow 2:
Average throughput: 9.96 Mbit/s
95th percentile per-packet one-way delay: 34.036 ms
Loss rate: 46.95%
-- Flow 3:
Average throughput: 6.59 Mbit/s
95th percentile per-packet one-way delay: 34.064 ms
Loss rate: 45.05%
```

Run 3: Report of PCC-Expr — Data Link

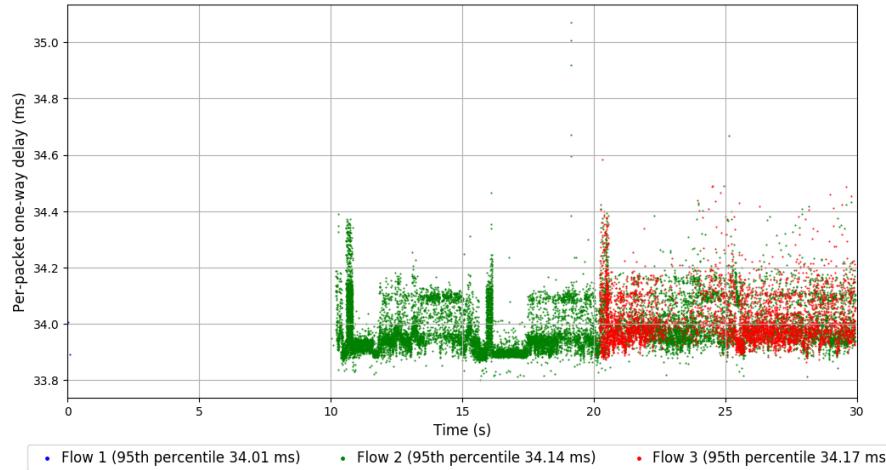
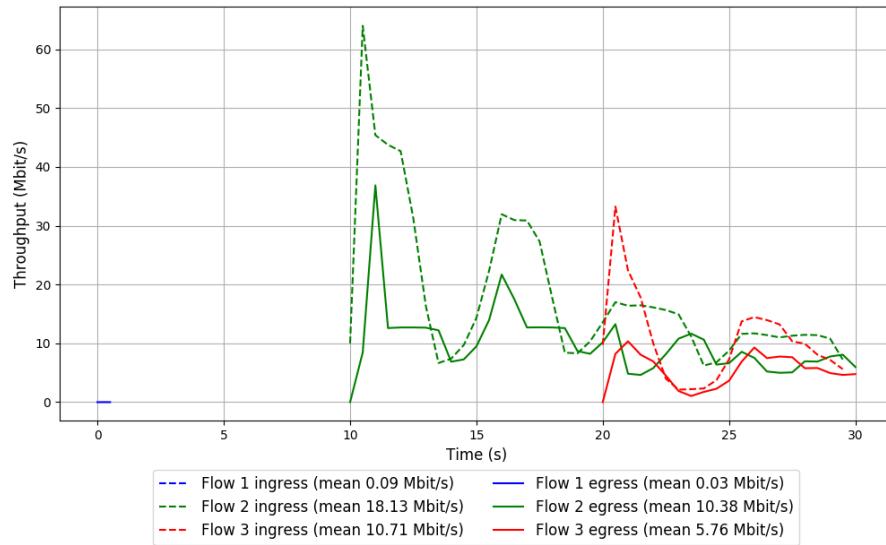


Run 4: Statistics of PCC-Expr

```
Start at: 2019-08-27 02:03:35
End at: 2019-08-27 02:04:05
Local clock offset: -0.899 ms
Remote clock offset: 3.134 ms

# Below is generated by plot.py at 2019-08-27 03:29:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.80 Mbit/s
95th percentile per-packet one-way delay: 34.147 ms
Loss rate: 43.55%
-- Flow 1:
Average throughput: 0.03 Mbit/s
95th percentile per-packet one-way delay: 34.007 ms
Loss rate: 85.71%
-- Flow 2:
Average throughput: 10.38 Mbit/s
95th percentile per-packet one-way delay: 34.138 ms
Loss rate: 42.76%
-- Flow 3:
Average throughput: 5.76 Mbit/s
95th percentile per-packet one-way delay: 34.169 ms
Loss rate: 46.23%
```

Run 4: Report of PCC-Expr — Data Link

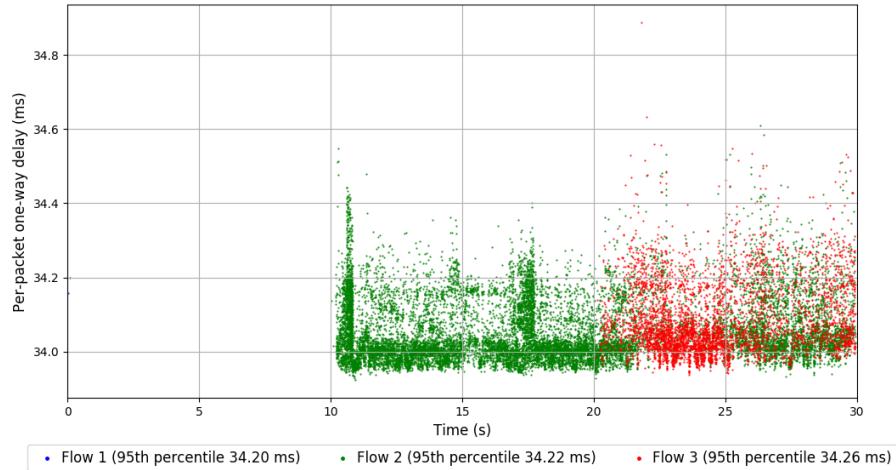
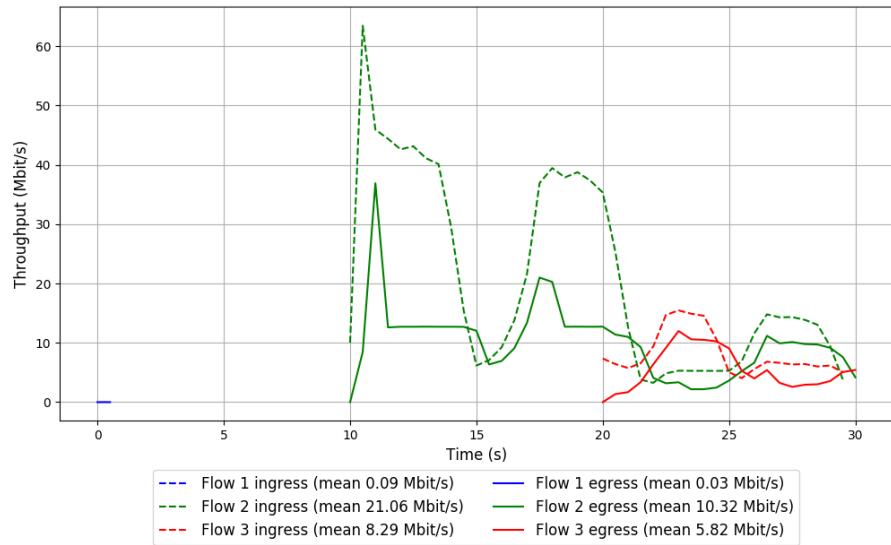


Run 5: Statistics of PCC-Expr

```
Start at: 2019-08-27 02:52:00
End at: 2019-08-27 02:52:30
Local clock offset: -1.285 ms
Remote clock offset: 4.377 ms

# Below is generated by plot.py at 2019-08-27 03:29:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.78 Mbit/s
95th percentile per-packet one-way delay: 34.230 ms
Loss rate: 47.54%
-- Flow 1:
Average throughput: 0.03 Mbit/s
95th percentile per-packet one-way delay: 34.198 ms
Loss rate: 85.71%
-- Flow 2:
Average throughput: 10.32 Mbit/s
95th percentile per-packet one-way delay: 34.216 ms
Loss rate: 51.00%
-- Flow 3:
Average throughput: 5.82 Mbit/s
95th percentile per-packet one-way delay: 34.263 ms
Loss rate: 29.87%
```

Run 5: Report of PCC-Expr — Data Link

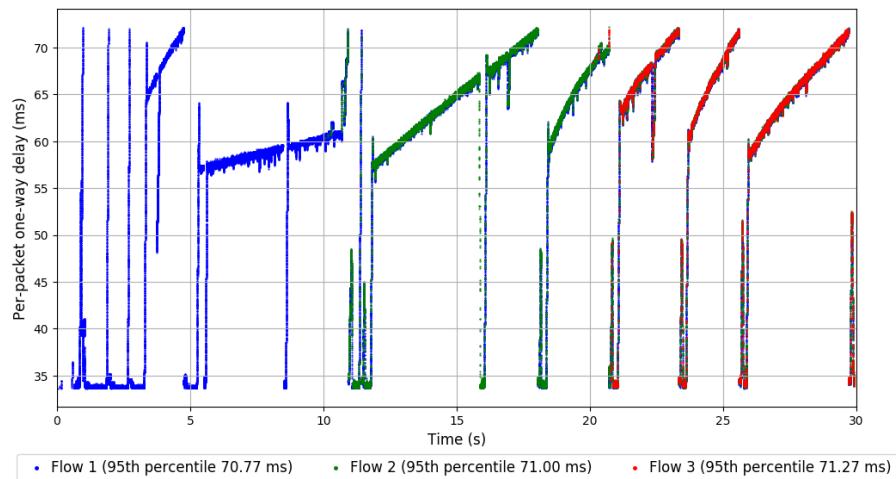
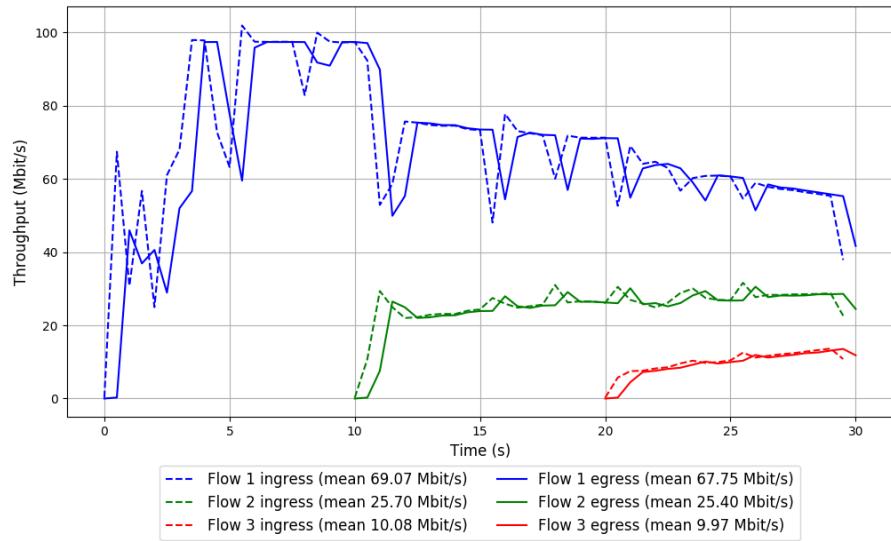


```
Run 1: Statistics of QUIC Cubic

Start at: 2019-08-26 23:52:28
End at: 2019-08-26 23:52:58
Local clock offset: -0.991 ms
Remote clock offset: 5.749 ms

# Below is generated by plot.py at 2019-08-27 03:29:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.88 Mbit/s
95th percentile per-packet one-way delay: 70.845 ms
Loss rate: 1.77%
-- Flow 1:
Average throughput: 67.75 Mbit/s
95th percentile per-packet one-way delay: 70.768 ms
Loss rate: 1.91%
-- Flow 2:
Average throughput: 25.40 Mbit/s
95th percentile per-packet one-way delay: 71.000 ms
Loss rate: 1.29%
-- Flow 3:
Average throughput: 9.97 Mbit/s
95th percentile per-packet one-way delay: 71.269 ms
Loss rate: 1.50%
```

Run 1: Report of QUIC Cubic — Data Link

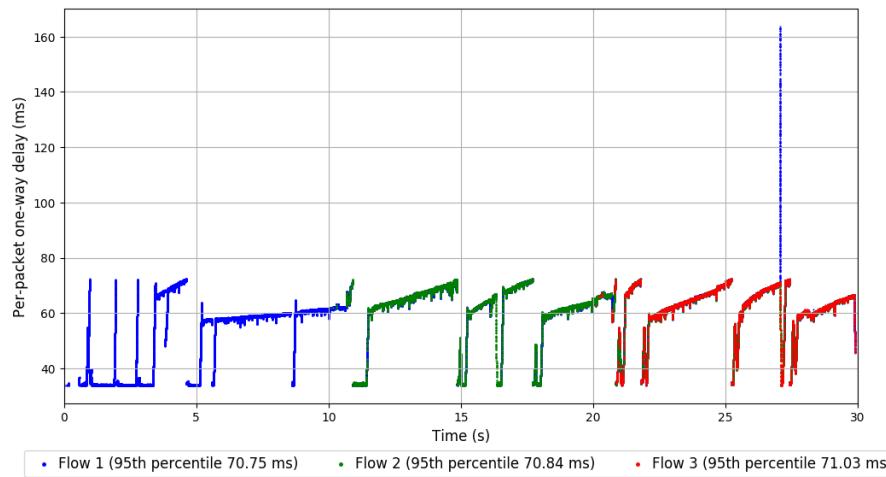
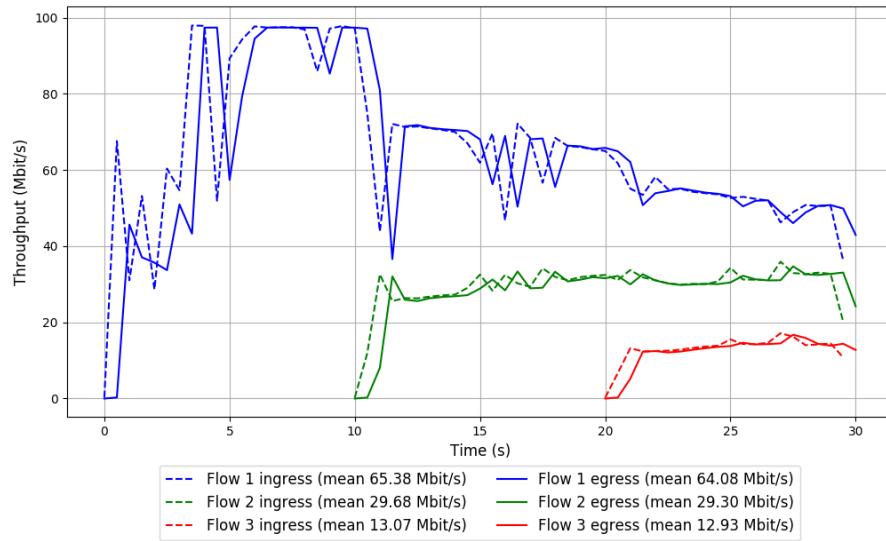


Run 2: Statistics of QUIC Cubic

```
Start at: 2019-08-27 00:41:36
End at: 2019-08-27 00:42:06
Local clock offset: -1.151 ms
Remote clock offset: 4.215 ms

# Below is generated by plot.py at 2019-08-27 03:30:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.72 Mbit/s
95th percentile per-packet one-way delay: 70.808 ms
Loss rate: 1.76%
-- Flow 1:
Average throughput: 64.08 Mbit/s
95th percentile per-packet one-way delay: 70.746 ms
Loss rate: 1.94%
-- Flow 2:
Average throughput: 29.30 Mbit/s
95th percentile per-packet one-way delay: 70.844 ms
Loss rate: 1.26%
-- Flow 3:
Average throughput: 12.93 Mbit/s
95th percentile per-packet one-way delay: 71.034 ms
Loss rate: 1.21%
```

Run 2: Report of QUIC Cubic — Data Link

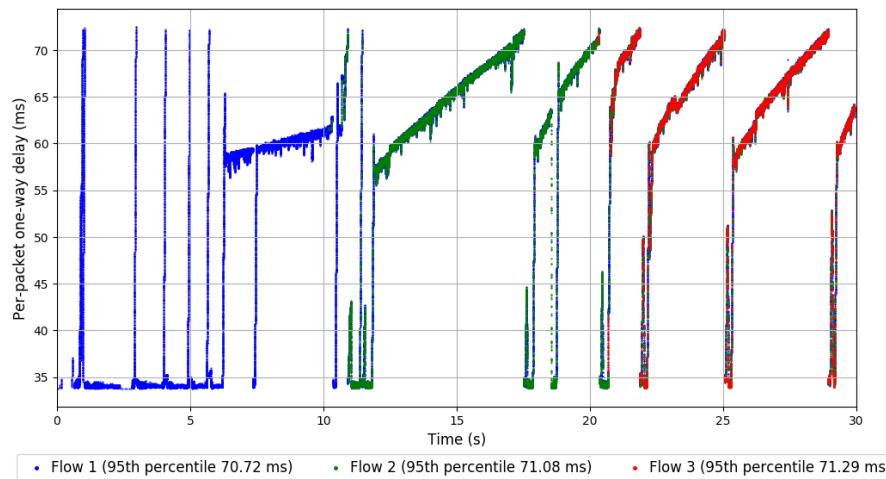
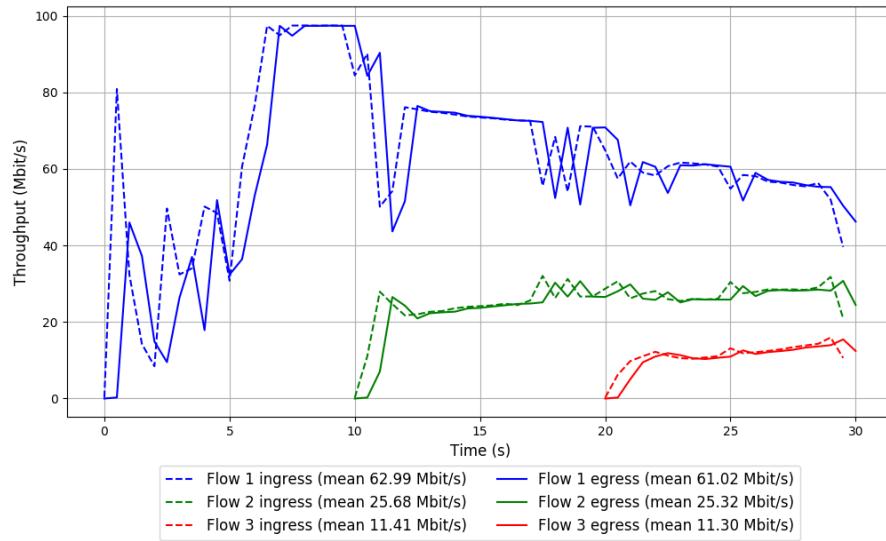


Run 3: Statistics of QUIC Cubic

```
Start at: 2019-08-27 01:35:35
End at: 2019-08-27 01:36:05
Local clock offset: -0.894 ms
Remote clock offset: 4.281 ms

# Below is generated by plot.py at 2019-08-27 03:30:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 81.53 Mbit/s
95th percentile per-packet one-way delay: 70.890 ms
Loss rate: 2.60%
-- Flow 1:
Average throughput: 61.02 Mbit/s
95th percentile per-packet one-way delay: 70.723 ms
Loss rate: 3.02%
-- Flow 2:
Average throughput: 25.32 Mbit/s
95th percentile per-packet one-way delay: 71.083 ms
Loss rate: 1.40%
-- Flow 3:
Average throughput: 11.30 Mbit/s
95th percentile per-packet one-way delay: 71.288 ms
Loss rate: 1.07%
```

Run 3: Report of QUIC Cubic — Data Link

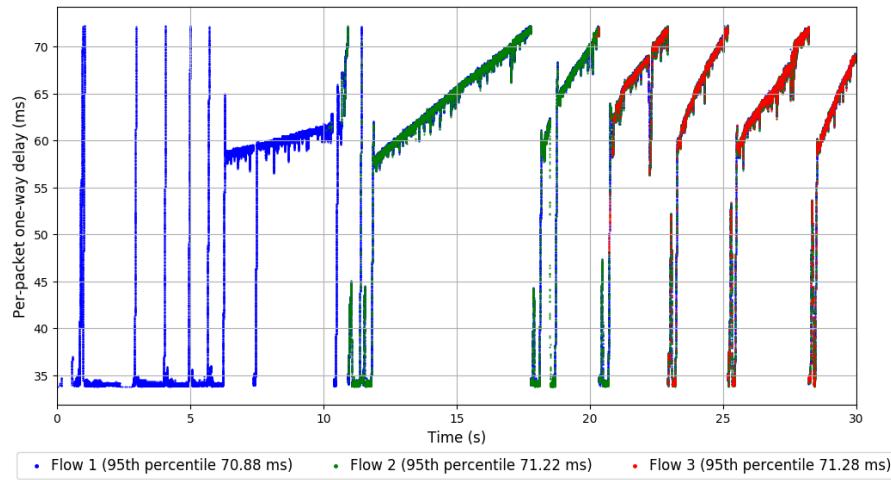
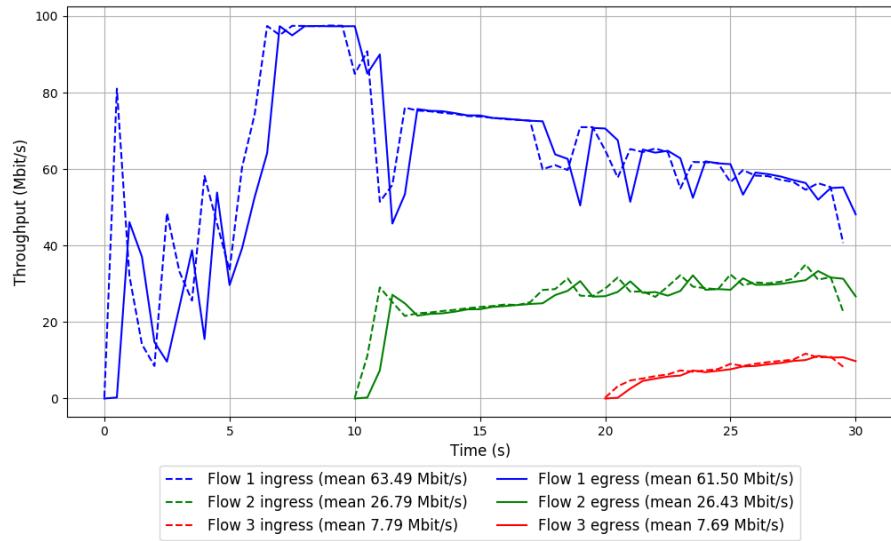


Run 4: Statistics of QUIC Cubic

```
Start at: 2019-08-27 02:19:34
End at: 2019-08-27 02:20:04
Local clock offset: -1.028 ms
Remote clock offset: 3.16 ms

# Below is generated by plot.py at 2019-08-27 03:30:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 81.56 Mbit/s
95th percentile per-packet one-way delay: 70.979 ms
Loss rate: 2.61%
-- Flow 1:
Average throughput: 61.50 Mbit/s
95th percentile per-packet one-way delay: 70.884 ms
Loss rate: 3.02%
-- Flow 2:
Average throughput: 26.43 Mbit/s
95th percentile per-packet one-way delay: 71.225 ms
Loss rate: 1.31%
-- Flow 3:
Average throughput: 7.69 Mbit/s
95th percentile per-packet one-way delay: 71.282 ms
Loss rate: 1.33%
```

Run 4: Report of QUIC Cubic — Data Link

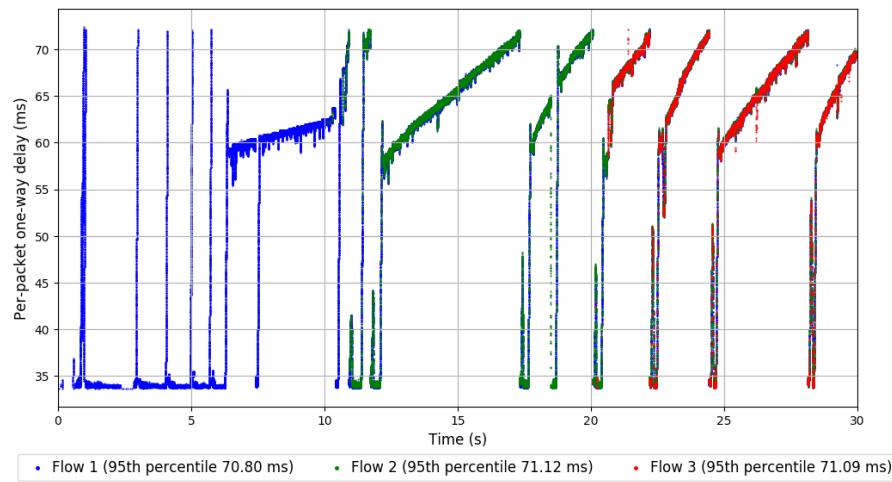
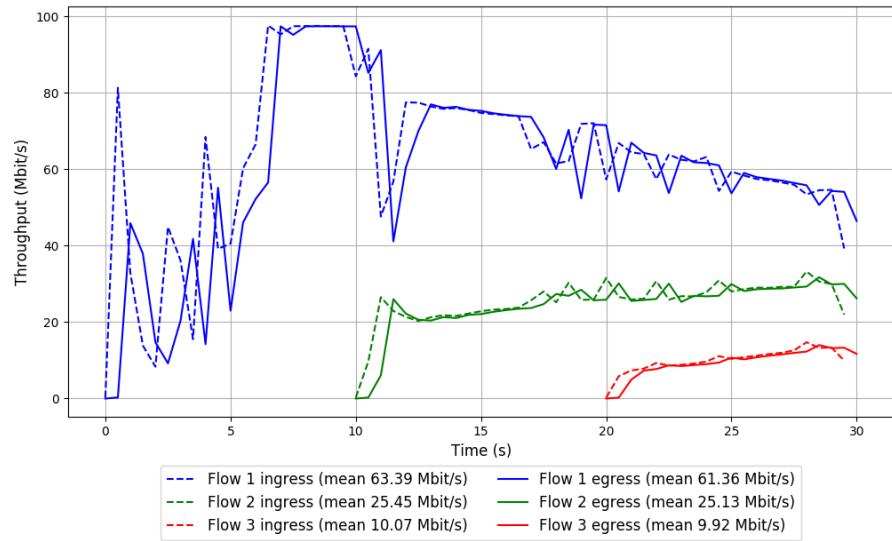


Run 5: Statistics of QUIC Cubic

```
Start at: 2019-08-27 03:14:35
End at: 2019-08-27 03:15:05
Local clock offset: -1.291 ms
Remote clock offset: 5.374 ms

# Below is generated by plot.py at 2019-08-27 03:30:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 81.31 Mbit/s
95th percentile per-packet one-way delay: 70.877 ms
Loss rate: 2.64%
-- Flow 1:
Average throughput: 61.36 Mbit/s
95th percentile per-packet one-way delay: 70.801 ms
Loss rate: 3.10%
-- Flow 2:
Average throughput: 25.13 Mbit/s
95th percentile per-packet one-way delay: 71.123 ms
Loss rate: 1.23%
-- Flow 3:
Average throughput: 9.92 Mbit/s
95th percentile per-packet one-way delay: 71.086 ms
Loss rate: 1.20%
```

Run 5: Report of QUIC Cubic — Data Link

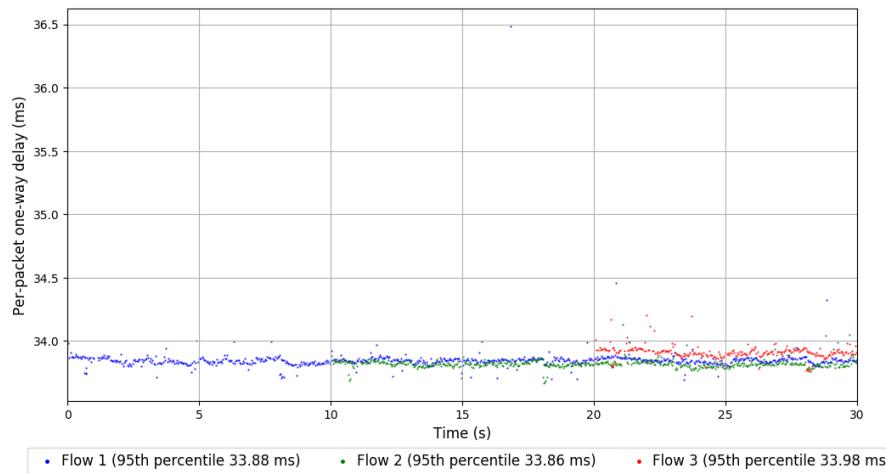
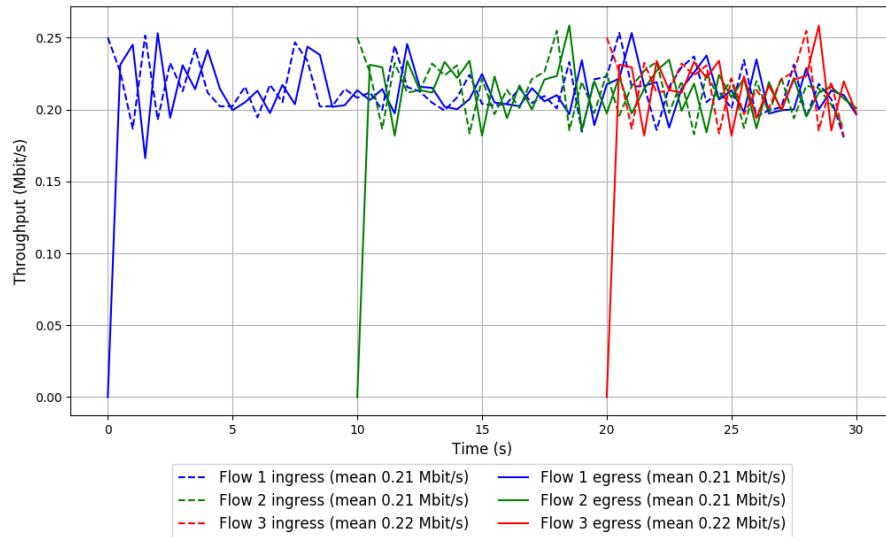


```
Run 1: Statistics of SCReAM

Start at: 2019-08-26 23:19:37
End at: 2019-08-26 23:20:07
Local clock offset: -0.657 ms
Remote clock offset: 4.581 ms

# Below is generated by plot.py at 2019-08-27 03:30:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 33.931 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 33.884 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 33.862 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 33.978 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

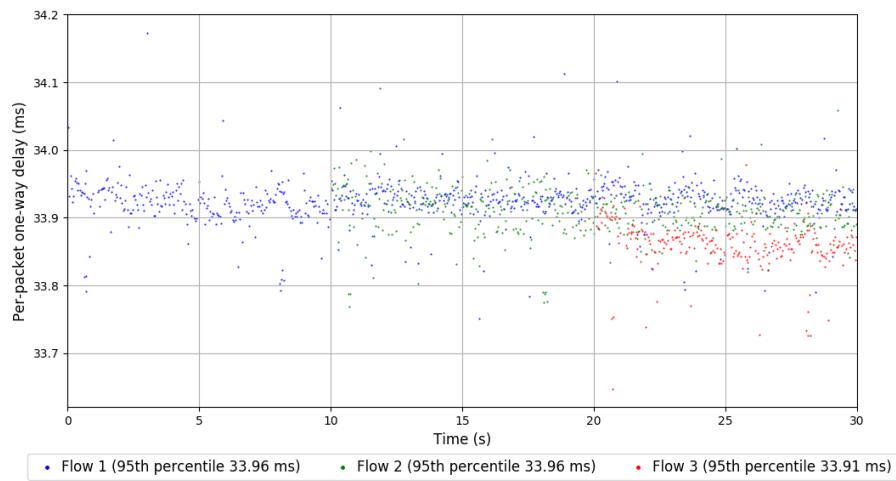
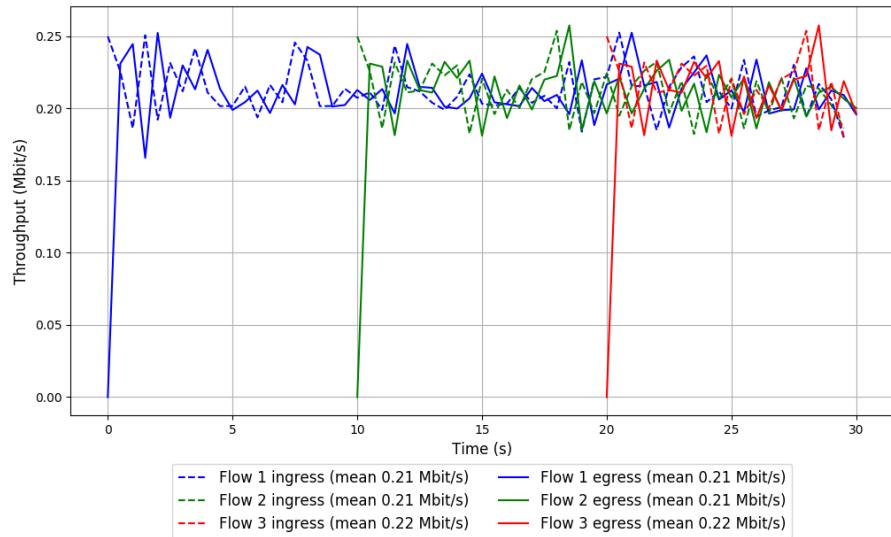


Run 2: Statistics of SCReAM

```
Start at: 2019-08-27 00:05:32
End at: 2019-08-27 00:06:02
Local clock offset: -1.055 ms
Remote clock offset: 6.195 ms

# Below is generated by plot.py at 2019-08-27 03:30:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 33.957 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 33.961 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 33.958 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 33.907 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

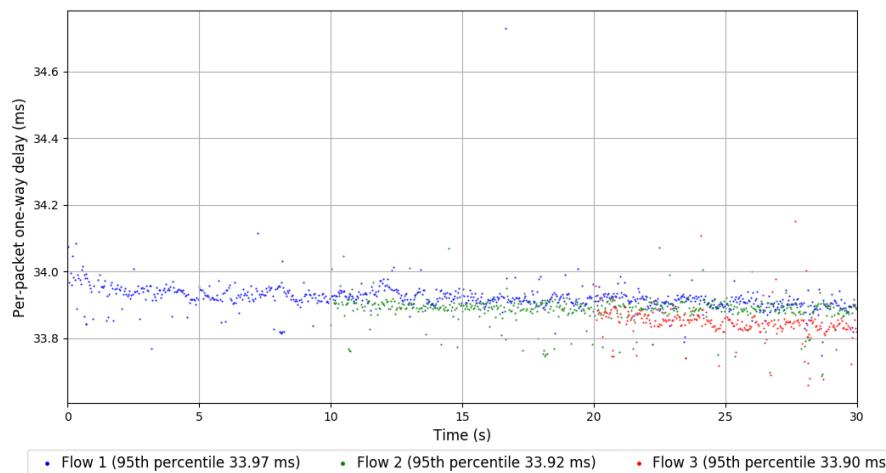
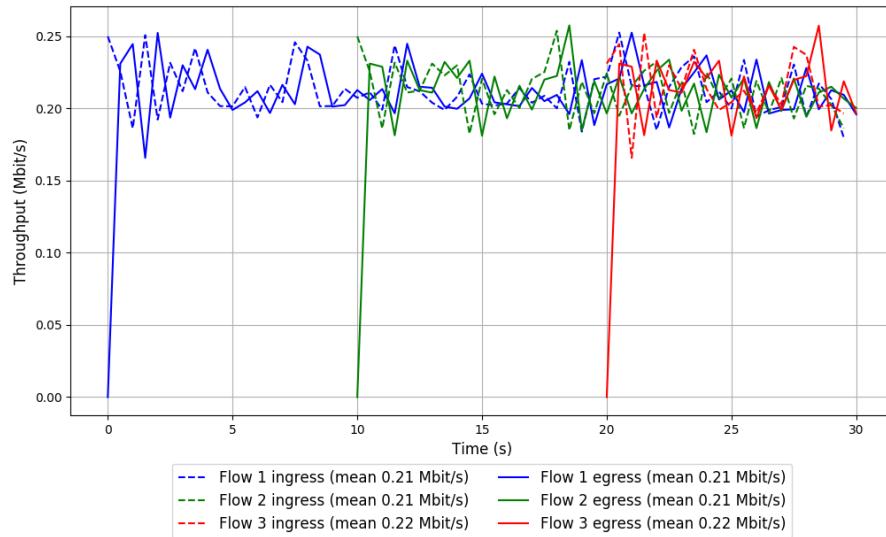


Run 3: Statistics of SCReAM

```
Start at: 2019-08-27 00:55:19
End at: 2019-08-27 00:55:49
Local clock offset: -1.063 ms
Remote clock offset: 4.868 ms

# Below is generated by plot.py at 2019-08-27 03:30:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 33.958 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 33.971 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 33.920 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 33.895 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

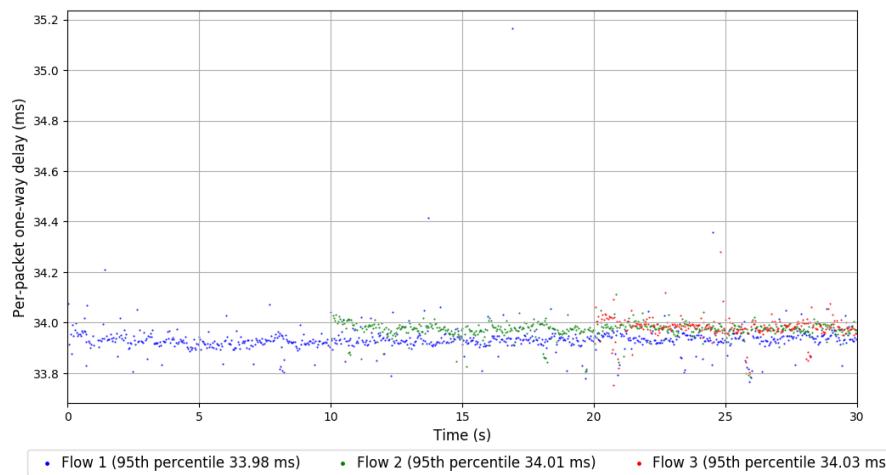
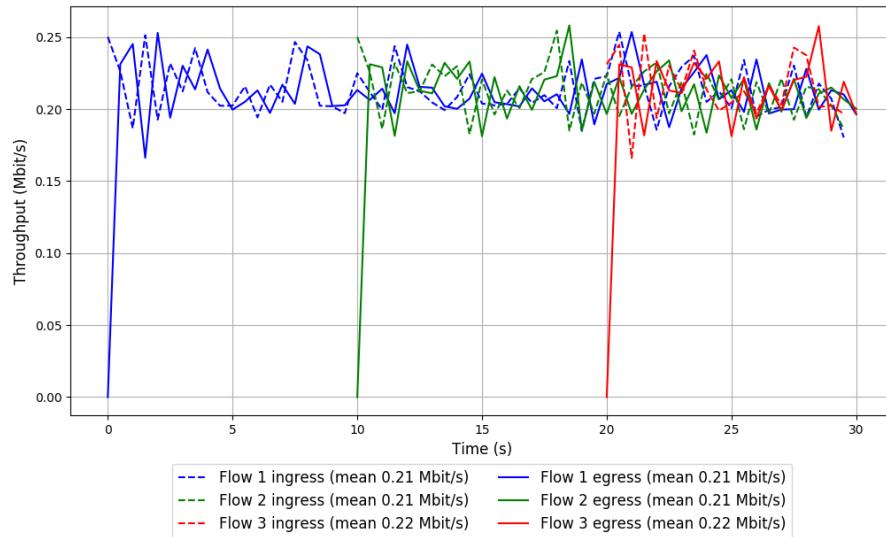


Run 4: Statistics of SCReAM

```
Start at: 2019-08-27 01:49:16
End at: 2019-08-27 01:49:46
Local clock offset: -0.89 ms
Remote clock offset: 3.242 ms

# Below is generated by plot.py at 2019-08-27 03:30:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 34.014 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 33.980 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 34.012 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 34.030 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

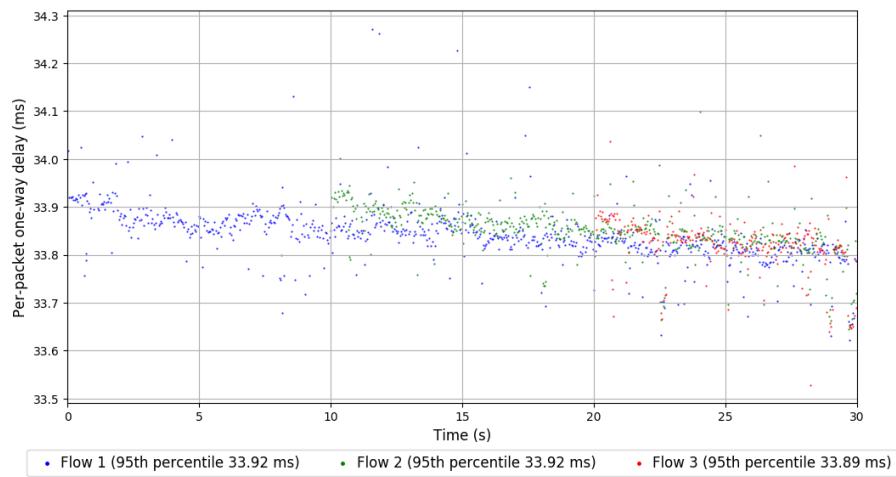
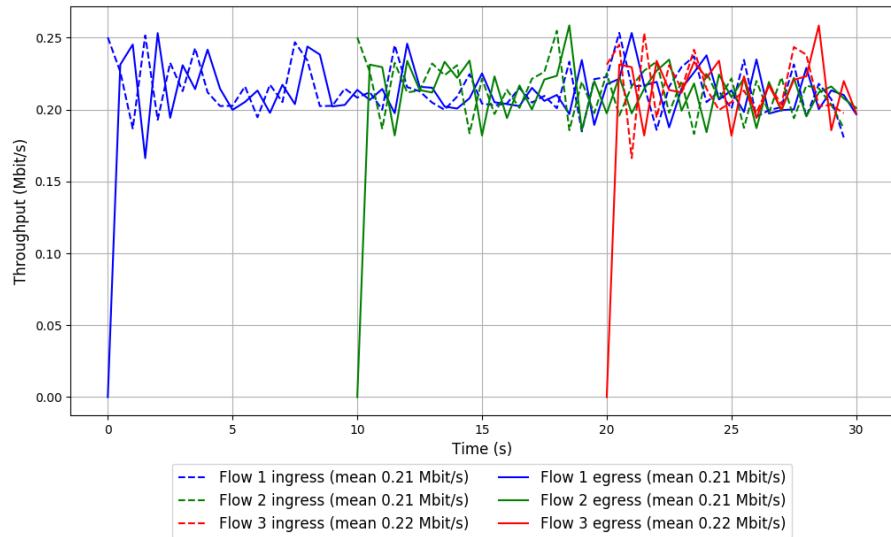


Run 5: Statistics of SCReAM

```
Start at: 2019-08-27 02:32:21
End at: 2019-08-27 02:32:51
Local clock offset: -1.174 ms
Remote clock offset: 3.263 ms

# Below is generated by plot.py at 2019-08-27 03:30:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 33.920 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 33.920 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 33.925 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 33.886 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

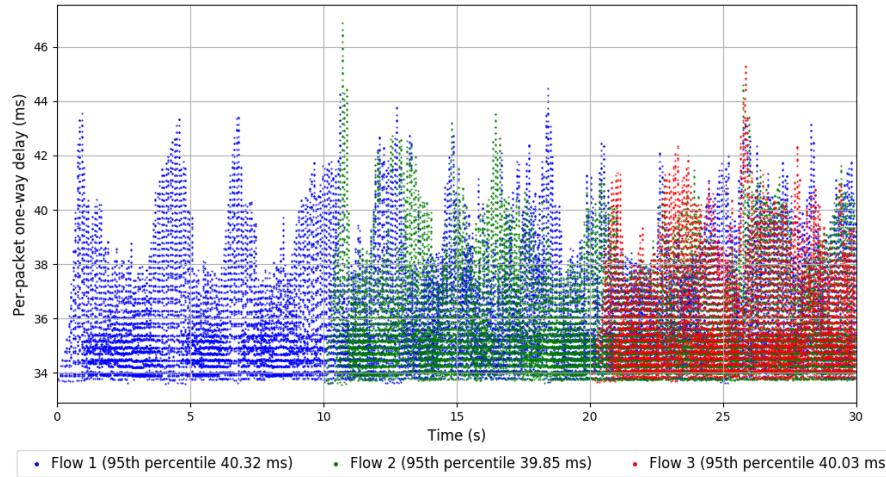
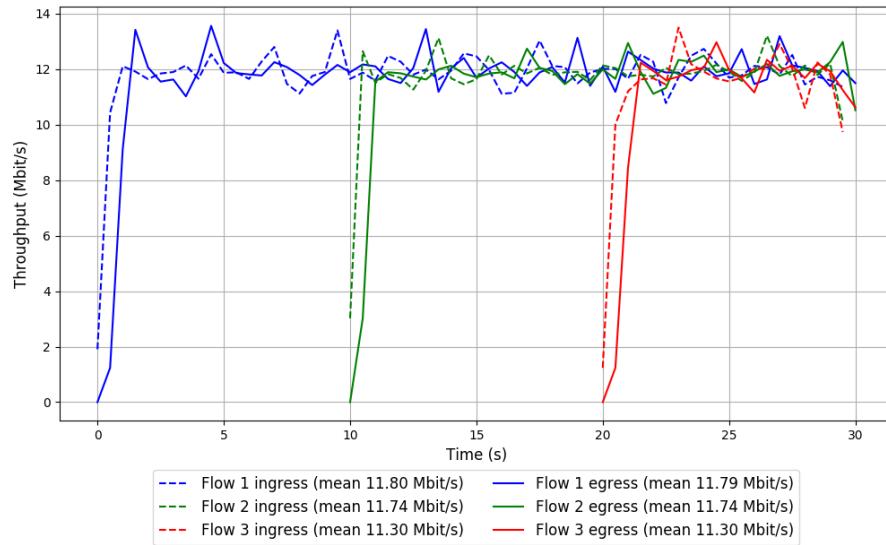


Run 1: Statistics of Sprout

```
Start at: 2019-08-26 23:10:31
End at: 2019-08-26 23:11:01
Local clock offset: -0.56 ms
Remote clock offset: 5.021 ms

# Below is generated by plot.py at 2019-08-27 03:30:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 23.33 Mbit/s
95th percentile per-packet one-way delay: 40.124 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 11.79 Mbit/s
95th percentile per-packet one-way delay: 40.321 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 11.74 Mbit/s
95th percentile per-packet one-way delay: 39.855 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 11.30 Mbit/s
95th percentile per-packet one-way delay: 40.026 ms
Loss rate: 0.00%
```

Run 1: Report of Sprout — Data Link

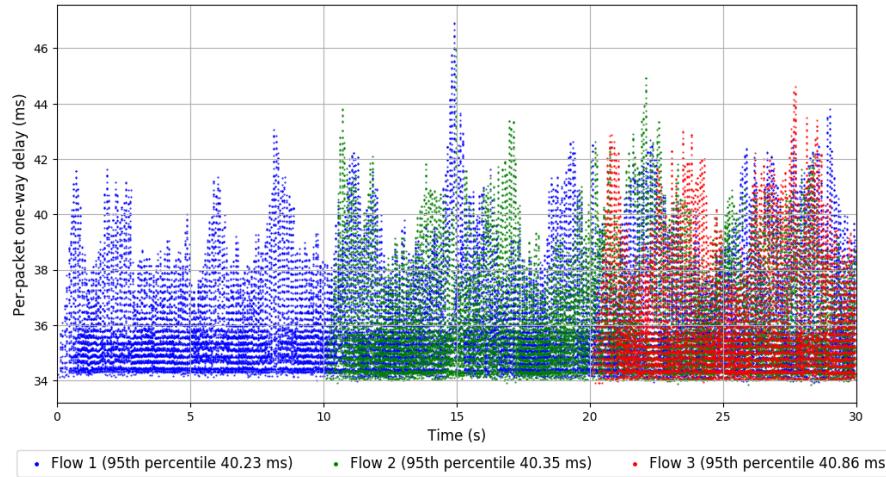
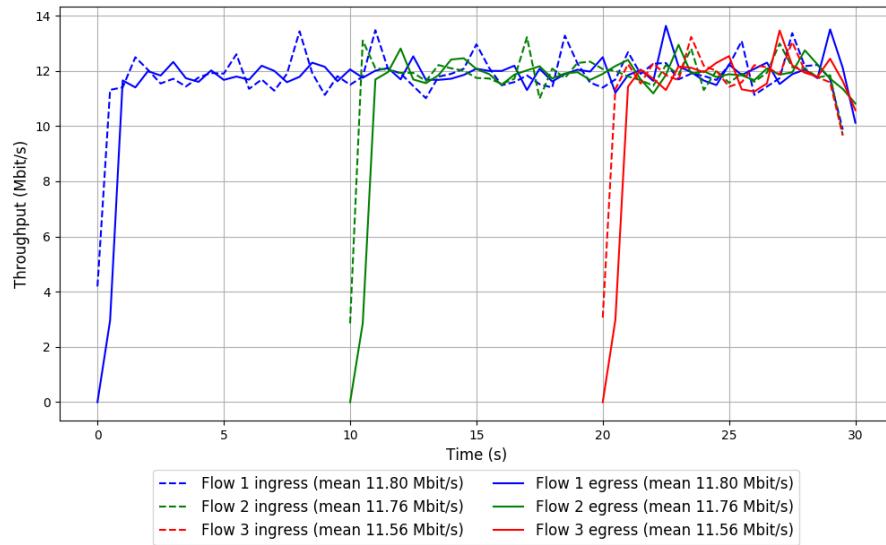


Run 2: Statistics of Sprout

```
Start at: 2019-08-26 23:55:11
End at: 2019-08-26 23:55:41
Local clock offset: -1.009 ms
Remote clock offset: 6.258 ms

# Below is generated by plot.py at 2019-08-27 03:30:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 23.44 Mbit/s
95th percentile per-packet one-way delay: 40.406 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.80 Mbit/s
95th percentile per-packet one-way delay: 40.229 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 11.76 Mbit/s
95th percentile per-packet one-way delay: 40.348 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 11.56 Mbit/s
95th percentile per-packet one-way delay: 40.861 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

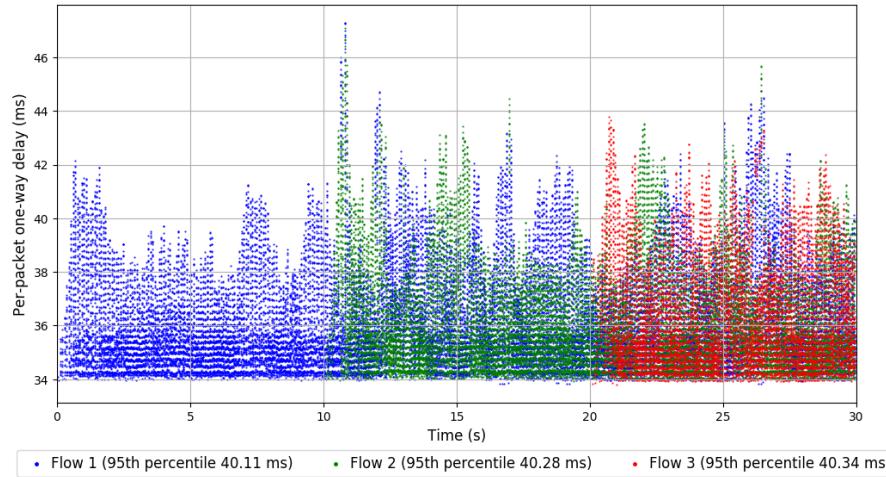
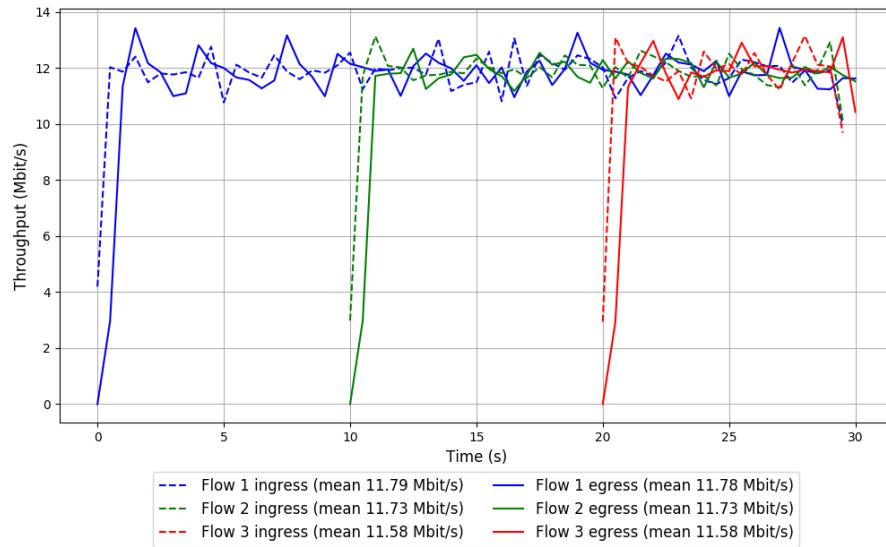


Run 3: Statistics of Sprout

```
Start at: 2019-08-27 00:44:57
End at: 2019-08-27 00:45:27
Local clock offset: -1.163 ms
Remote clock offset: 4.093 ms

# Below is generated by plot.py at 2019-08-27 03:30:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 23.41 Mbit/s
95th percentile per-packet one-way delay: 40.214 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 11.78 Mbit/s
95th percentile per-packet one-way delay: 40.113 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 11.73 Mbit/s
95th percentile per-packet one-way delay: 40.284 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 11.58 Mbit/s
95th percentile per-packet one-way delay: 40.338 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

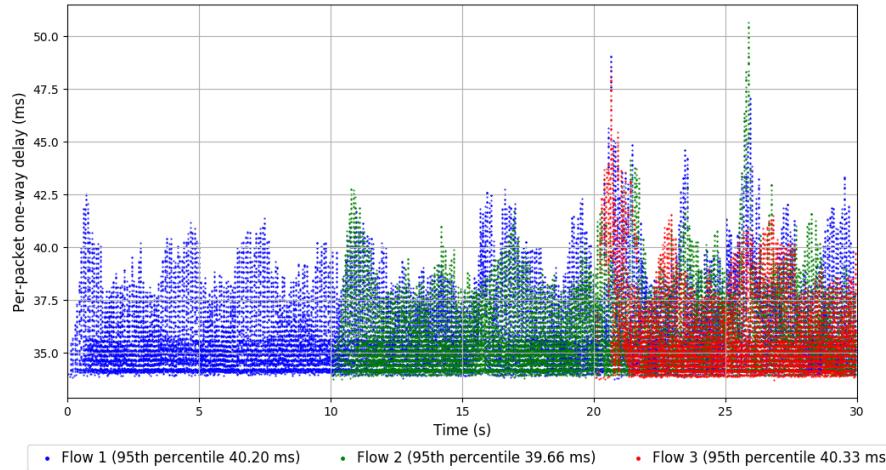
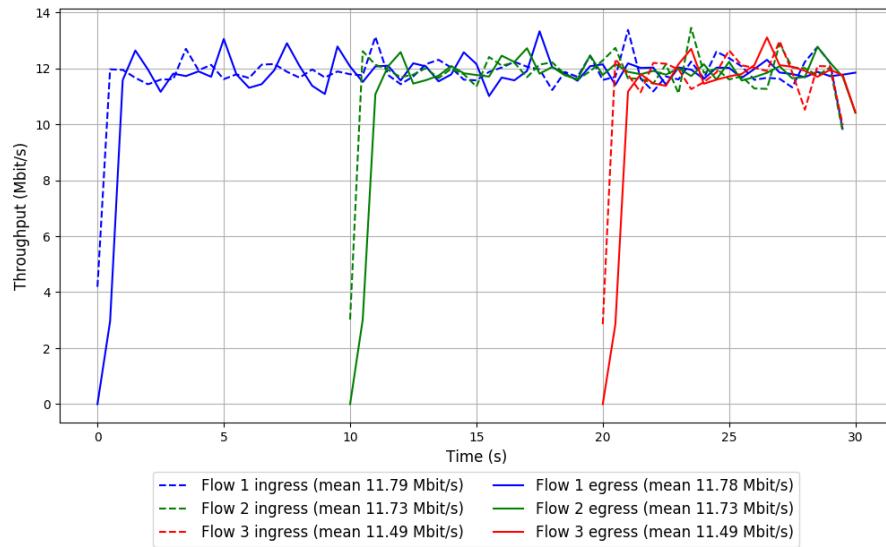


Run 4: Statistics of Sprout

```
Start at: 2019-08-27 01:38:02
End at: 2019-08-27 01:38:32
Local clock offset: -0.881 ms
Remote clock offset: 4.095 ms

# Below is generated by plot.py at 2019-08-27 03:30:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 23.38 Mbit/s
95th percentile per-packet one-way delay: 40.055 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.78 Mbit/s
95th percentile per-packet one-way delay: 40.195 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 11.73 Mbit/s
95th percentile per-packet one-way delay: 39.660 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 11.49 Mbit/s
95th percentile per-packet one-way delay: 40.326 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

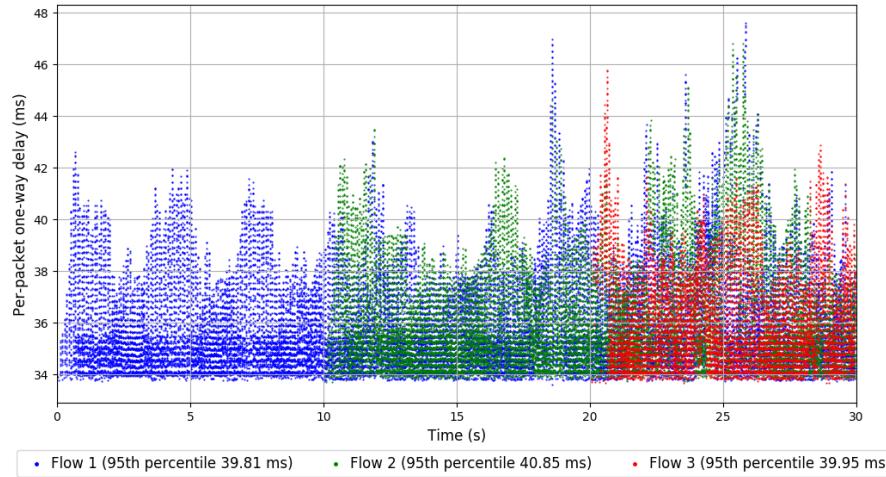
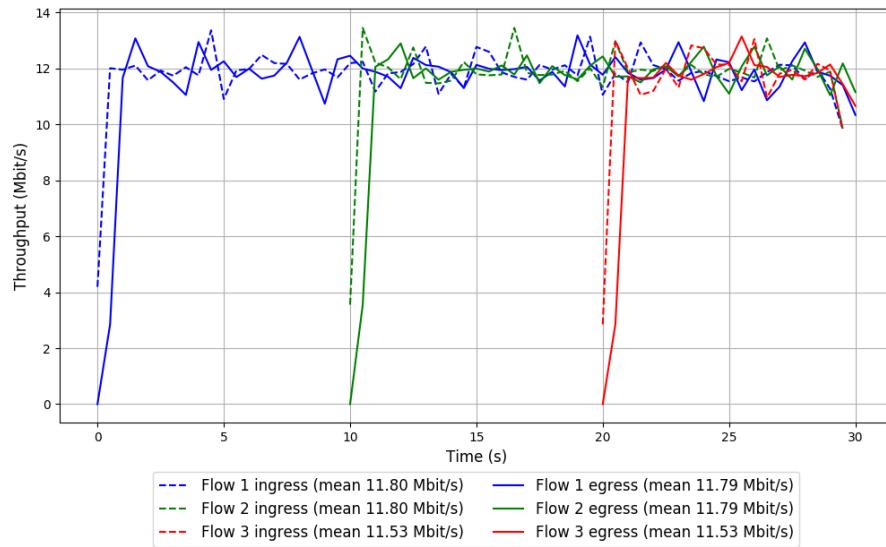


Run 5: Statistics of Sprout

```
Start at: 2019-08-27 02:21:32
End at: 2019-08-27 02:22:02
Local clock offset: -1.059 ms
Remote clock offset: 3.073 ms

# Below is generated by plot.py at 2019-08-27 03:30:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 23.45 Mbit/s
95th percentile per-packet one-way delay: 40.176 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 11.79 Mbit/s
95th percentile per-packet one-way delay: 39.813 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 11.79 Mbit/s
95th percentile per-packet one-way delay: 40.854 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 11.53 Mbit/s
95th percentile per-packet one-way delay: 39.945 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

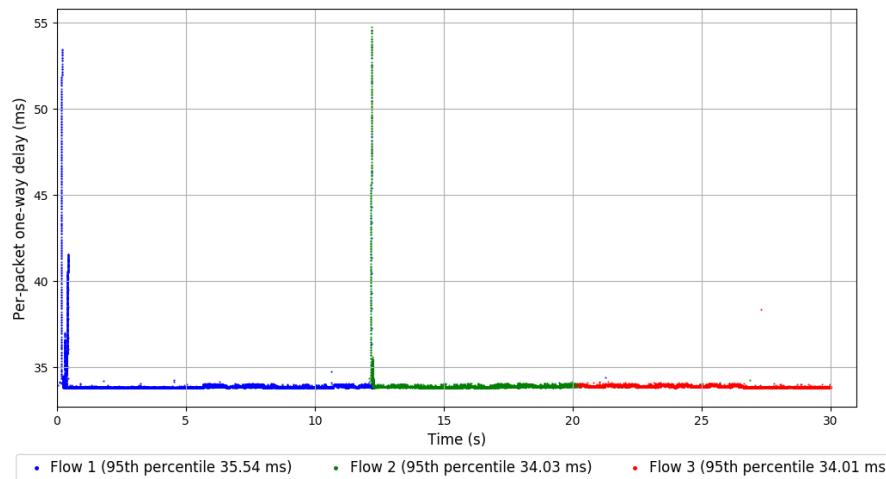
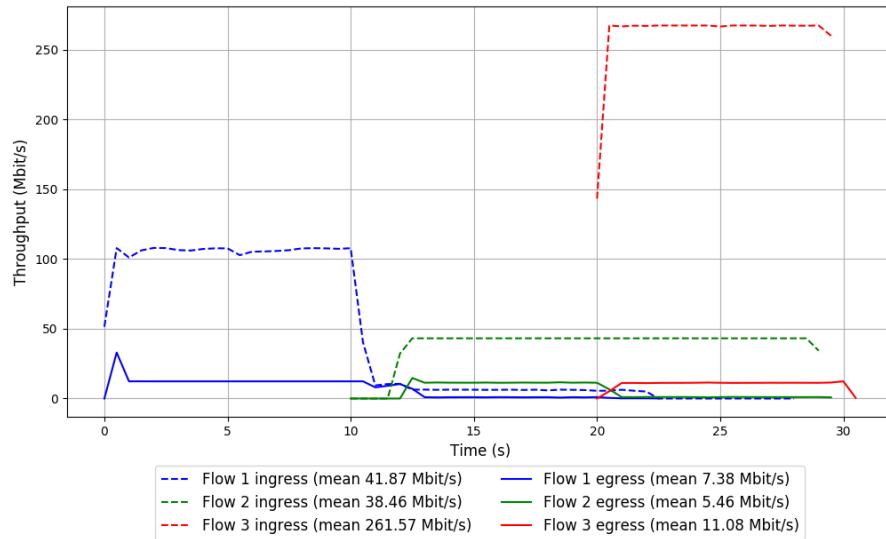


Run 1: Statistics of TaoVA-100x

```
Start at: 2019-08-26 23:36:09
End at: 2019-08-26 23:36:39
Local clock offset: -0.789 ms
Remote clock offset: 4.508 ms

# Below is generated by plot.py at 2019-08-27 03:30:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 12.68 Mbit/s
95th percentile per-packet one-way delay: 34.037 ms
Loss rate: 91.62%
-- Flow 1:
Average throughput: 7.38 Mbit/s
95th percentile per-packet one-way delay: 35.542 ms
Loss rate: 86.15%
-- Flow 2:
Average throughput: 5.46 Mbit/s
95th percentile per-packet one-way delay: 34.032 ms
Loss rate: 85.86%
-- Flow 3:
Average throughput: 11.08 Mbit/s
95th percentile per-packet one-way delay: 34.005 ms
Loss rate: 95.77%
```

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

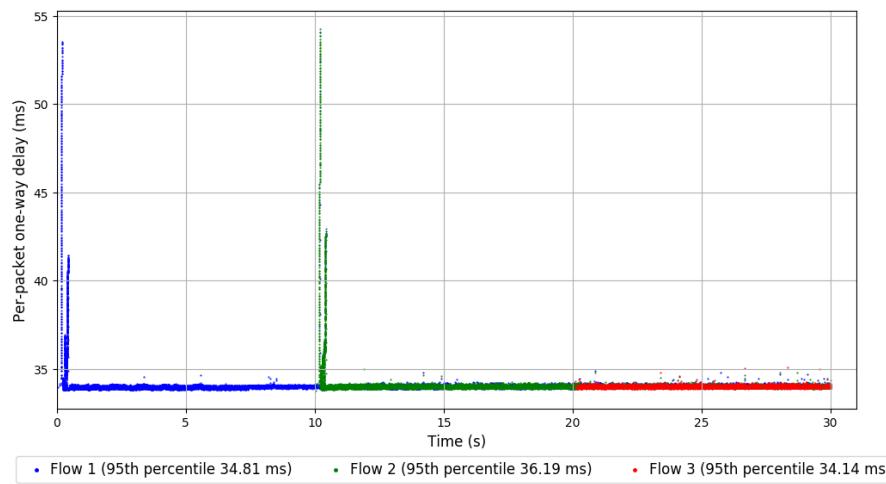
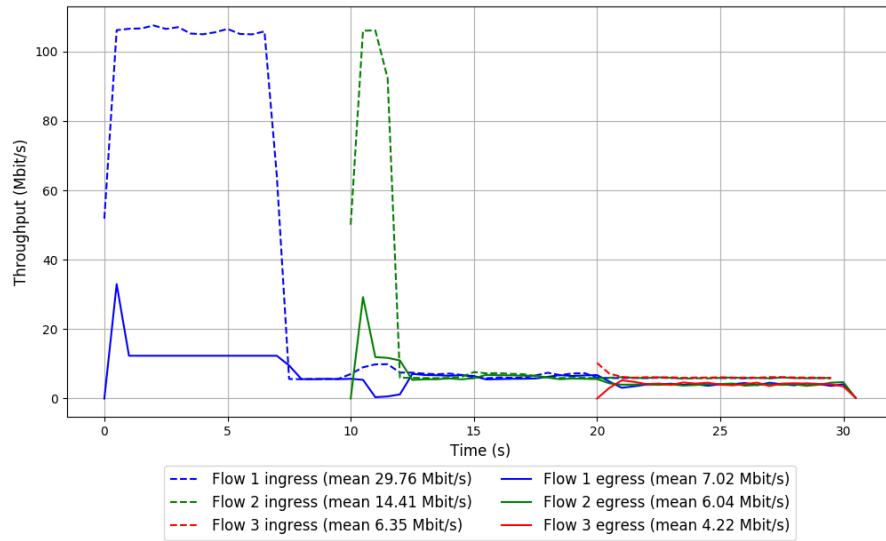


Run 2: Statistics of TaoVA-100x

```
Start at: 2019-08-27 00:22:44
End at: 2019-08-27 00:23:14
Local clock offset: -1.058 ms
Remote clock offset: 5.275 ms

# Below is generated by plot.py at 2019-08-27 03:30:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 12.45 Mbit/s
95th percentile per-packet one-way delay: 34.913 ms
Loss rate: 69.99%
-- Flow 1:
Average throughput: 7.02 Mbit/s
95th percentile per-packet one-way delay: 34.814 ms
Loss rate: 76.41%
-- Flow 2:
Average throughput: 6.04 Mbit/s
95th percentile per-packet one-way delay: 36.186 ms
Loss rate: 58.11%
-- Flow 3:
Average throughput: 4.22 Mbit/s
95th percentile per-packet one-way delay: 34.142 ms
Loss rate: 33.56%
```

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

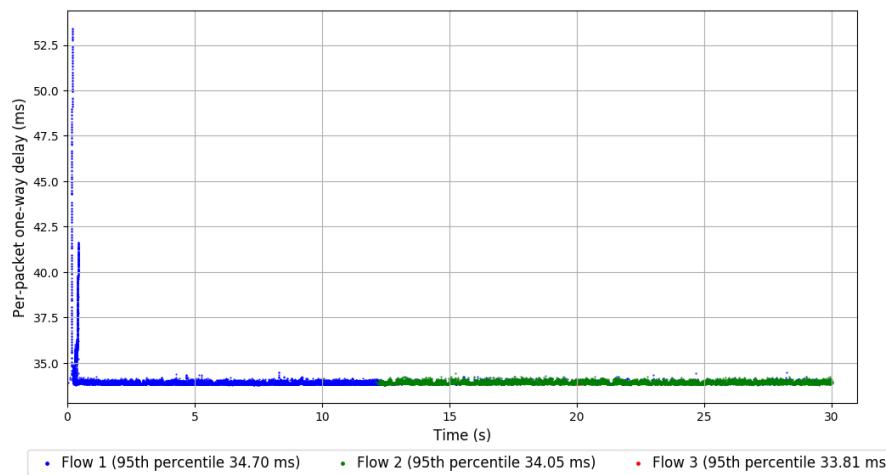
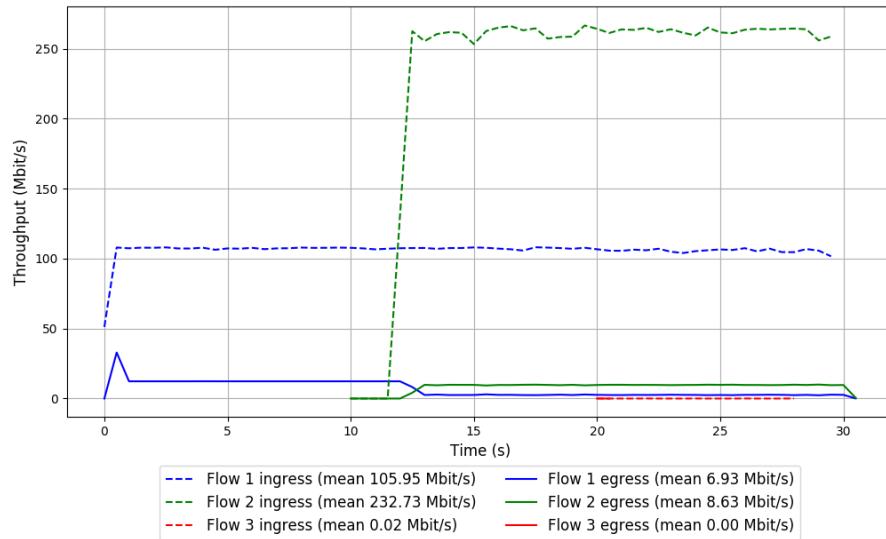


Run 3: Statistics of TaoVA-100x

```
Start at: 2019-08-27 01:15:56
End at: 2019-08-27 01:16:26
Local clock offset: -0.922 ms
Remote clock offset: 6.172 ms

# Below is generated by plot.py at 2019-08-27 03:30:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 12.68 Mbit/s
95th percentile per-packet one-way delay: 34.088 ms
Loss rate: 95.14%
-- Flow 1:
Average throughput: 6.93 Mbit/s
95th percentile per-packet one-way delay: 34.702 ms
Loss rate: 93.46%
-- Flow 2:
Average throughput: 8.63 Mbit/s
95th percentile per-packet one-way delay: 34.050 ms
Loss rate: 96.29%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 33.814 ms
Loss rate: 99.16%
```

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

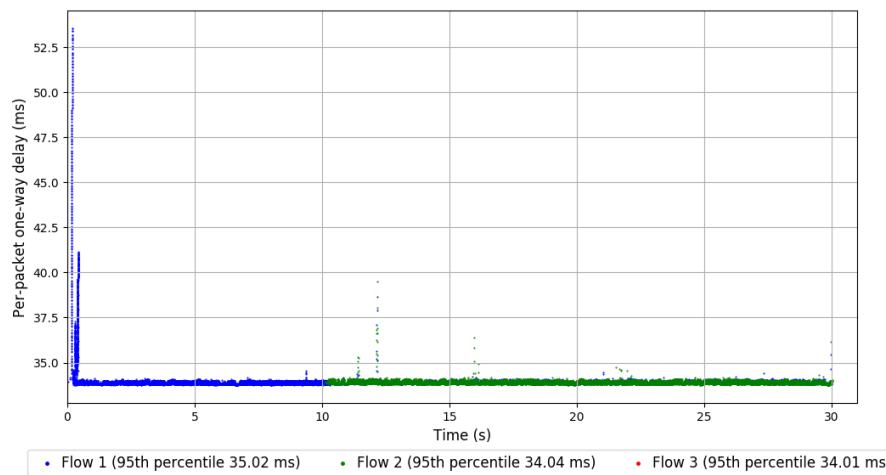
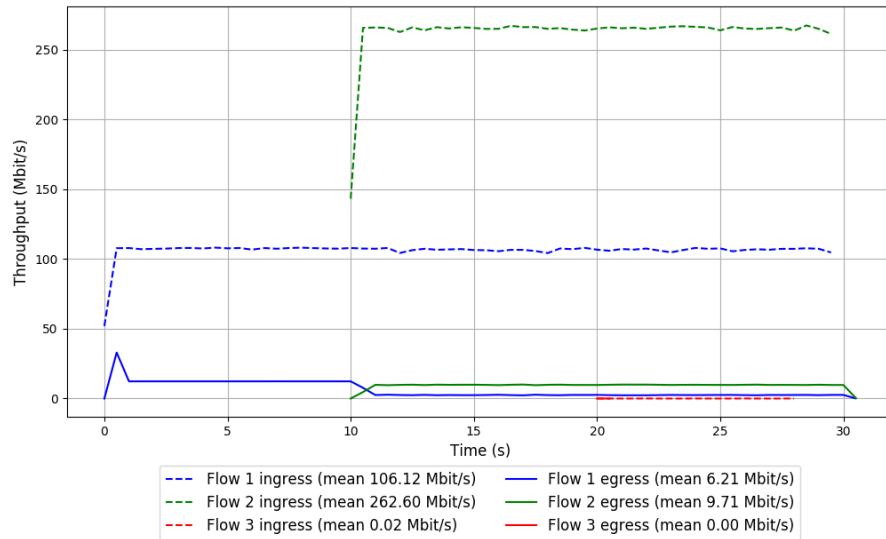


Run 4: Statistics of TaoVA-100x

```
Start at: 2019-08-27 02:04:49
End at: 2019-08-27 02:05:19
Local clock offset: -0.873 ms
Remote clock offset: 3.078 ms

# Below is generated by plot.py at 2019-08-27 03:31:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 12.68 Mbit/s
95th percentile per-packet one-way delay: 34.064 ms
Loss rate: 95.49%
-- Flow 1:
Average throughput: 6.21 Mbit/s
95th percentile per-packet one-way delay: 35.018 ms
Loss rate: 94.15%
-- Flow 2:
Average throughput: 9.71 Mbit/s
95th percentile per-packet one-way delay: 34.044 ms
Loss rate: 96.30%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 34.005 ms
Loss rate: 99.16%
```

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

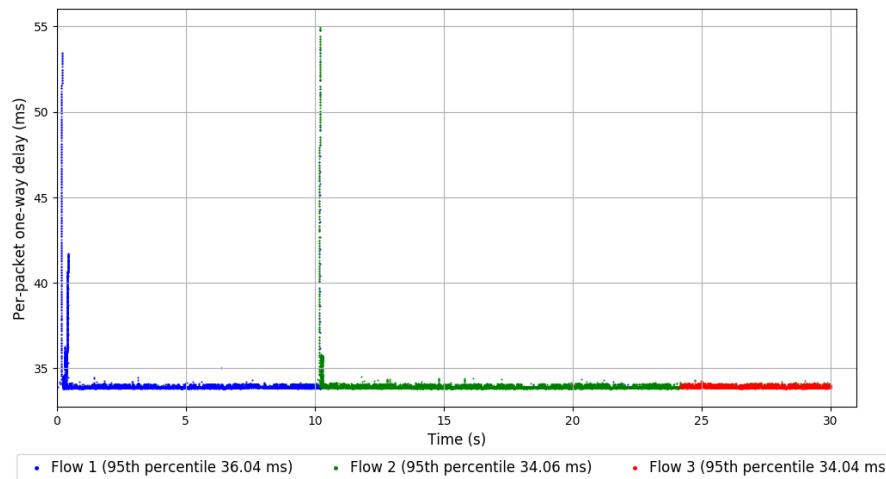
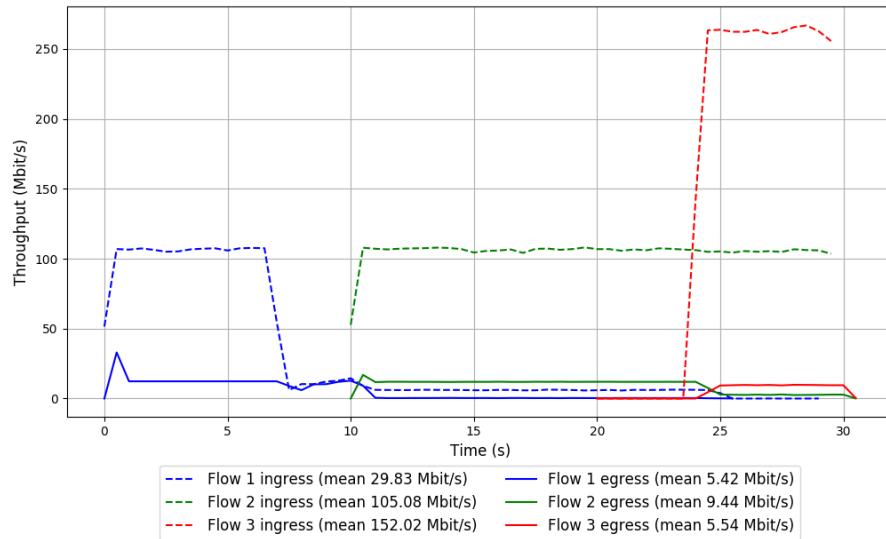


Run 5: Statistics of TaoVA-100x

```
Start at: 2019-08-27 02:53:22
End at: 2019-08-27 02:53:52
Local clock offset: -1.274 ms
Remote clock offset: 4.224 ms

# Below is generated by plot.py at 2019-08-27 03:31:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 12.68 Mbit/s
95th percentile per-packet one-way delay: 34.120 ms
Loss rate: 91.53%
-- Flow 1:
Average throughput: 5.42 Mbit/s
95th percentile per-packet one-way delay: 36.042 ms
Loss rate: 84.35%
-- Flow 2:
Average throughput: 9.44 Mbit/s
95th percentile per-packet one-way delay: 34.056 ms
Loss rate: 91.02%
-- Flow 3:
Average throughput: 5.54 Mbit/s
95th percentile per-packet one-way delay: 34.043 ms
Loss rate: 96.36%
```

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

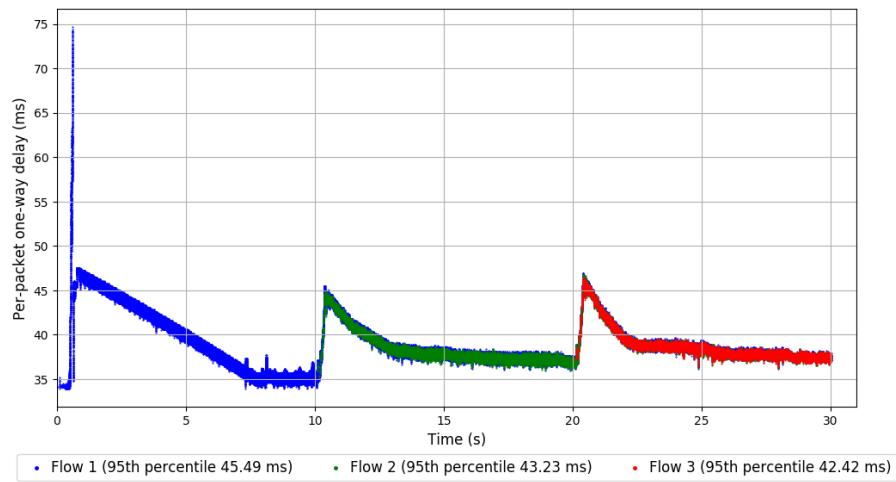
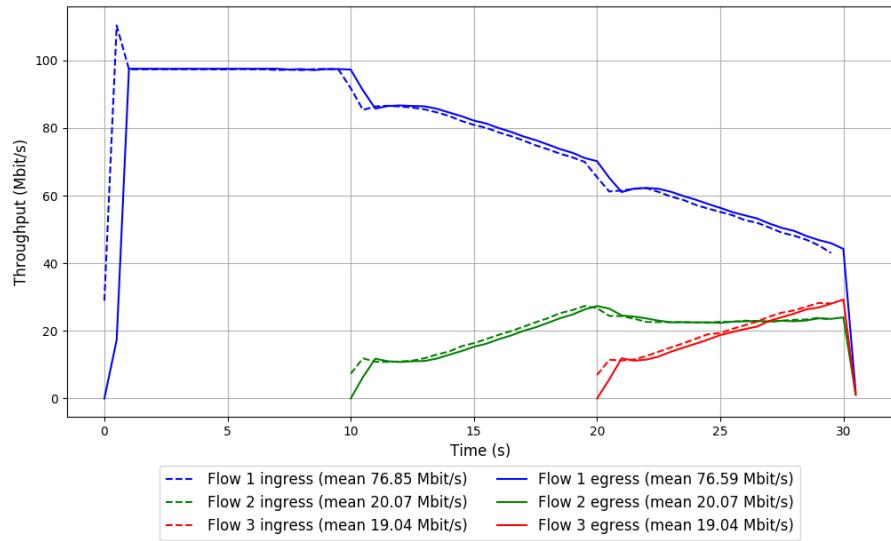


Run 1: Statistics of TCP Vegas

```
Start at: 2019-08-26 23:47:05
End at: 2019-08-26 23:47:35
Local clock offset: -0.945 ms
Remote clock offset: 5.402 ms

# Below is generated by plot.py at 2019-08-27 03:31:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 45.223 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 76.59 Mbit/s
95th percentile per-packet one-way delay: 45.488 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 20.07 Mbit/s
95th percentile per-packet one-way delay: 43.233 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 19.04 Mbit/s
95th percentile per-packet one-way delay: 42.418 ms
Loss rate: 0.01%
```

Run 1: Report of TCP Vegas — Data Link

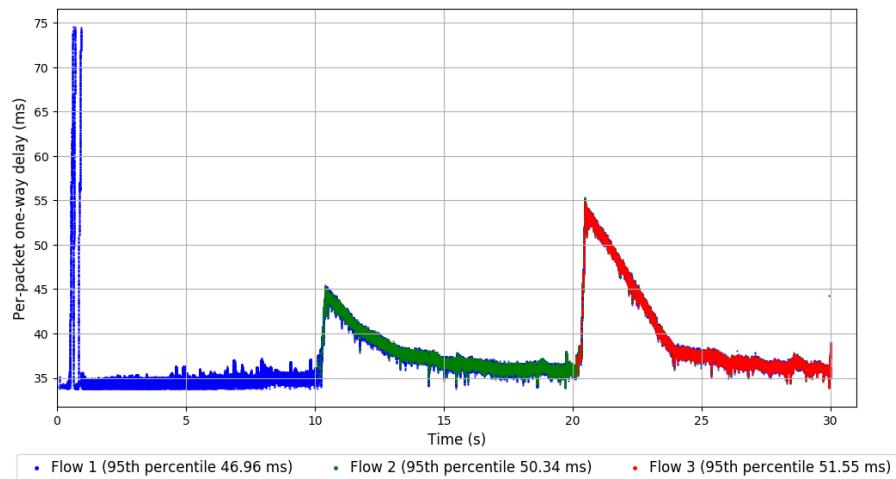
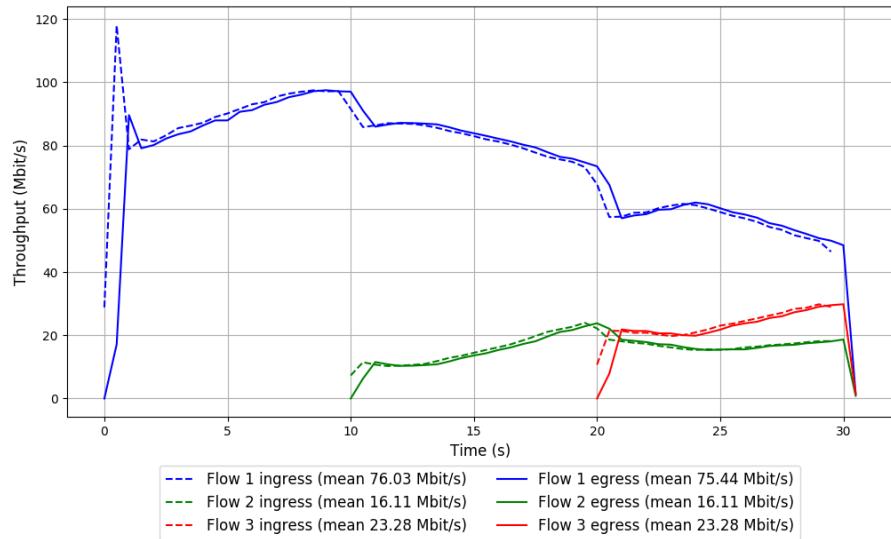


Run 2: Statistics of TCP Vegas

```
Start at: 2019-08-27 00:35:20
End at: 2019-08-27 00:35:50
Local clock offset: -1.135 ms
Remote clock offset: 4.41 ms

# Below is generated by plot.py at 2019-08-27 03:31:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.90 Mbit/s
95th percentile per-packet one-way delay: 48.672 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 75.44 Mbit/s
95th percentile per-packet one-way delay: 46.958 ms
Loss rate: 0.77%
-- Flow 2:
Average throughput: 16.11 Mbit/s
95th percentile per-packet one-way delay: 50.337 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 23.28 Mbit/s
95th percentile per-packet one-way delay: 51.547 ms
Loss rate: 0.00%
```

Run 2: Report of TCP Vegas — Data Link

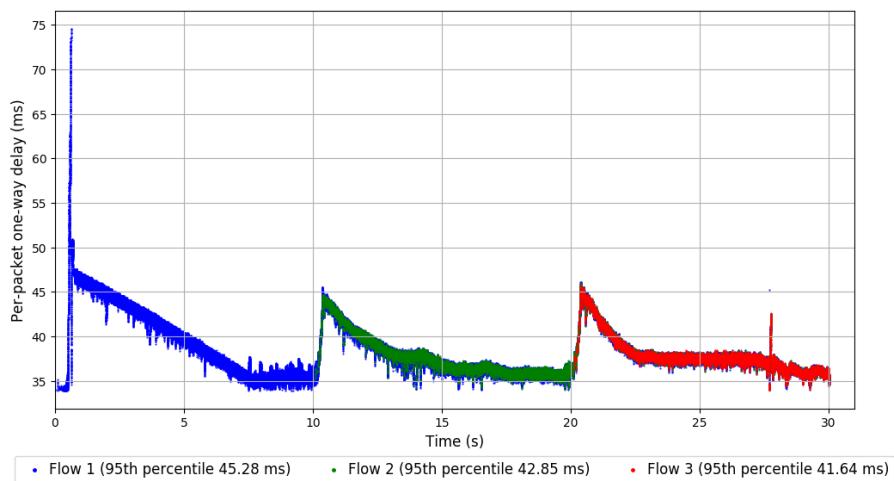
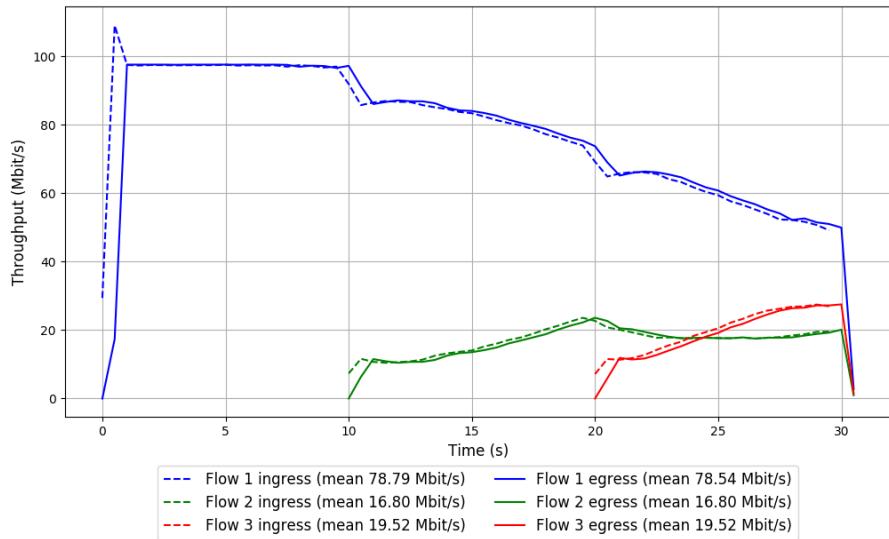


Run 3: Statistics of TCP Vegas

```
Start at: 2019-08-27 01:30:25
End at: 2019-08-27 01:30:55
Local clock offset: -0.914 ms
Remote clock offset: 4.976 ms

# Below is generated by plot.py at 2019-08-27 03:31:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.23 Mbit/s
95th percentile per-packet one-way delay: 44.918 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 78.54 Mbit/s
95th percentile per-packet one-way delay: 45.281 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 16.80 Mbit/s
95th percentile per-packet one-way delay: 42.847 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 19.52 Mbit/s
95th percentile per-packet one-way delay: 41.642 ms
Loss rate: 0.00%
```

Run 3: Report of TCP Vegas — Data Link

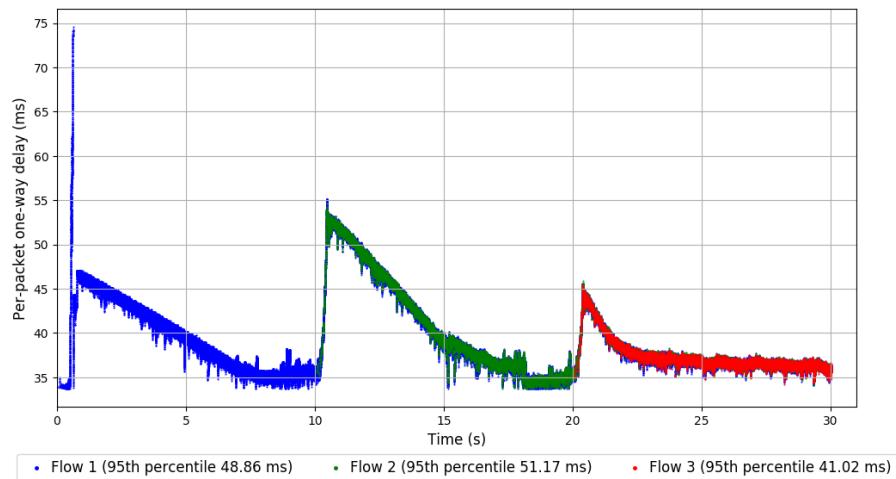
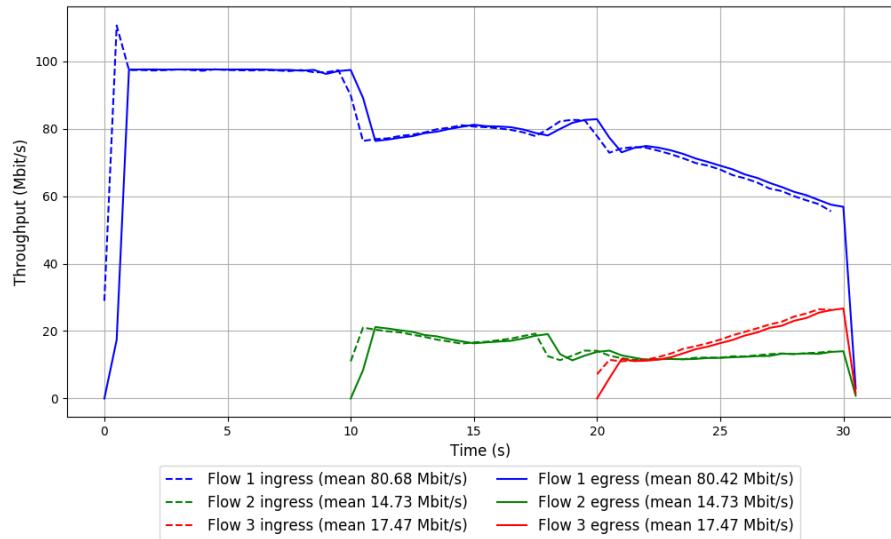


Run 4: Statistics of TCP Vegas

```
Start at: 2019-08-27 02:15:25
End at: 2019-08-27 02:15:55
Local clock offset: -0.969 ms
Remote clock offset: 3.009 ms

# Below is generated by plot.py at 2019-08-27 03:31:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.04 Mbit/s
95th percentile per-packet one-way delay: 49.103 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 80.42 Mbit/s
95th percentile per-packet one-way delay: 48.859 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 14.73 Mbit/s
95th percentile per-packet one-way delay: 51.175 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 17.47 Mbit/s
95th percentile per-packet one-way delay: 41.020 ms
Loss rate: 0.00%
```

Run 4: Report of TCP Vegas — Data Link

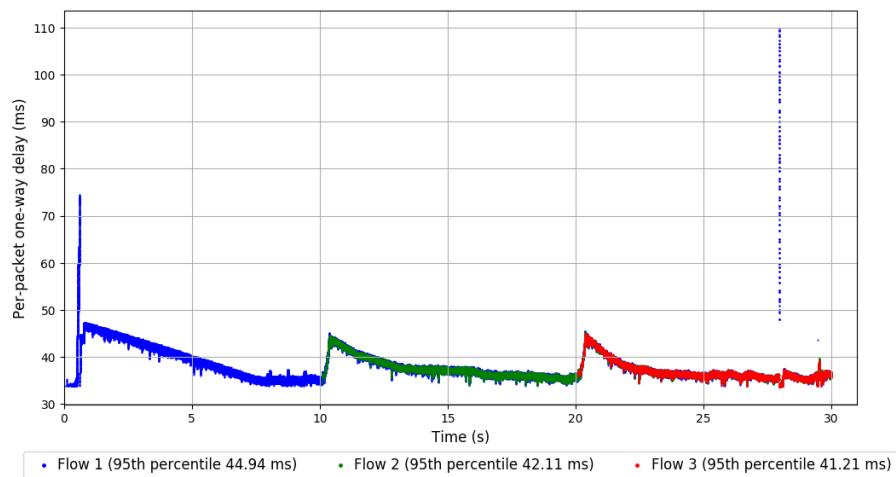
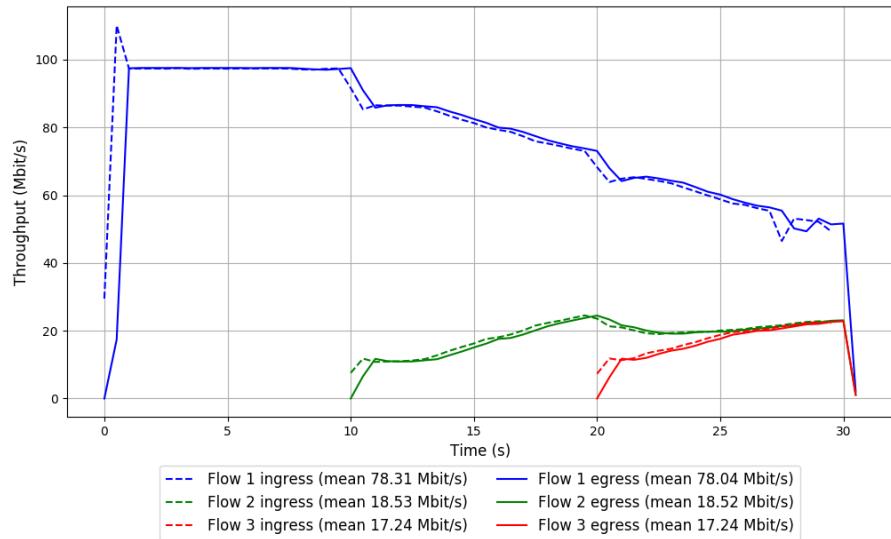


Run 5: Statistics of TCP Vegas

```
Start at: 2019-08-27 03:09:07
End at: 2019-08-27 03:09:37
Local clock offset: -1.364 ms
Remote clock offset: 4.729 ms

# Below is generated by plot.py at 2019-08-27 03:31:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.12 Mbit/s
95th percentile per-packet one-way delay: 44.498 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 78.04 Mbit/s
95th percentile per-packet one-way delay: 44.938 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 18.52 Mbit/s
95th percentile per-packet one-way delay: 42.112 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 17.24 Mbit/s
95th percentile per-packet one-way delay: 41.214 ms
Loss rate: 0.00%
```

Run 5: Report of TCP Vegas — Data Link

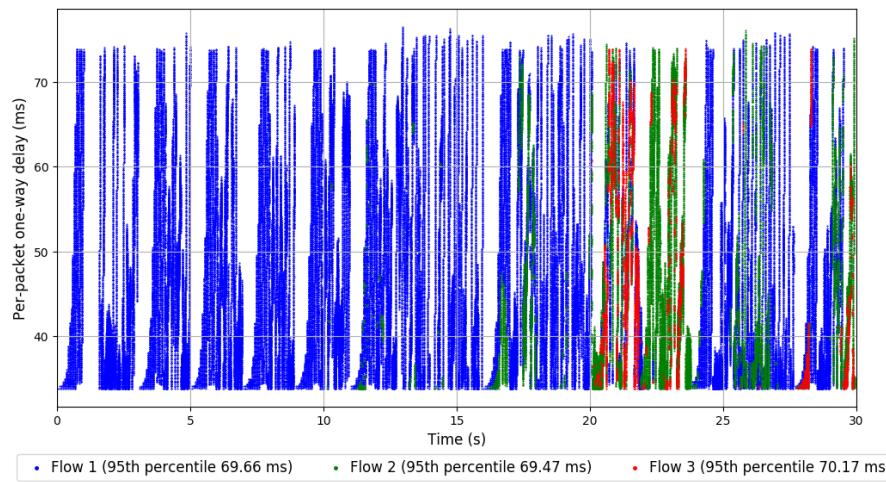
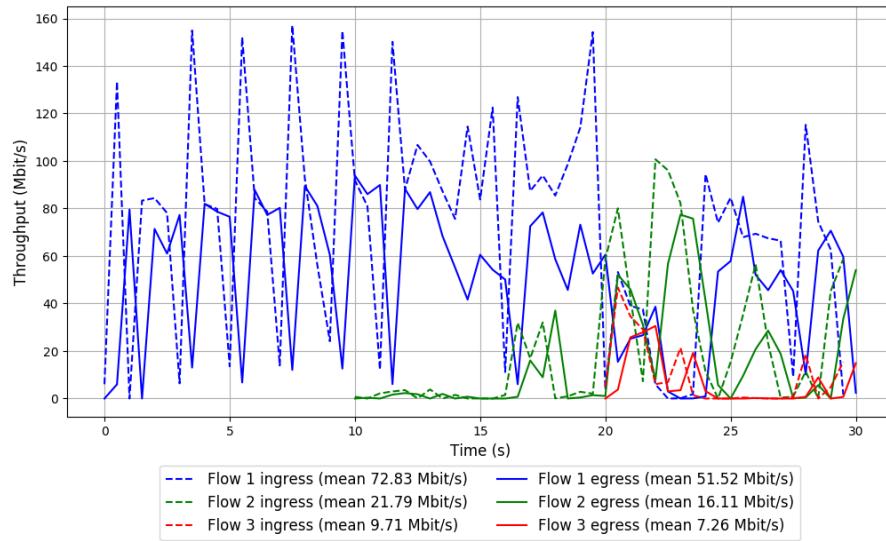


Run 1: Statistics of Verus

```
Start at: 2019-08-26 23:13:56
End at: 2019-08-26 23:14:26
Local clock offset: -0.613 ms
Remote clock offset: 4.901 ms

# Below is generated by plot.py at 2019-08-27 03:31:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 64.42 Mbit/s
95th percentile per-packet one-way delay: 69.645 ms
Loss rate: 28.76%
-- Flow 1:
Average throughput: 51.52 Mbit/s
95th percentile per-packet one-way delay: 69.657 ms
Loss rate: 29.42%
-- Flow 2:
Average throughput: 16.11 Mbit/s
95th percentile per-packet one-way delay: 69.468 ms
Loss rate: 26.15%
-- Flow 3:
Average throughput: 7.26 Mbit/s
95th percentile per-packet one-way delay: 70.172 ms
Loss rate: 25.59%
```

Run 1: Report of Verus — Data Link

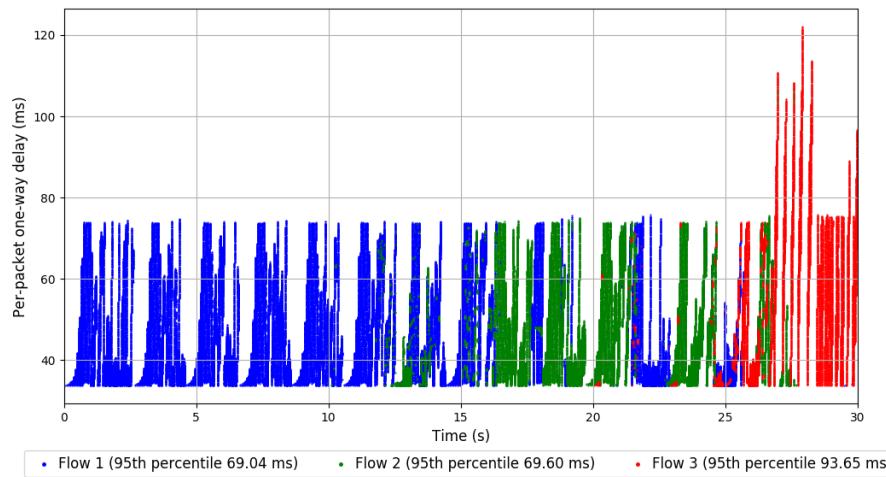
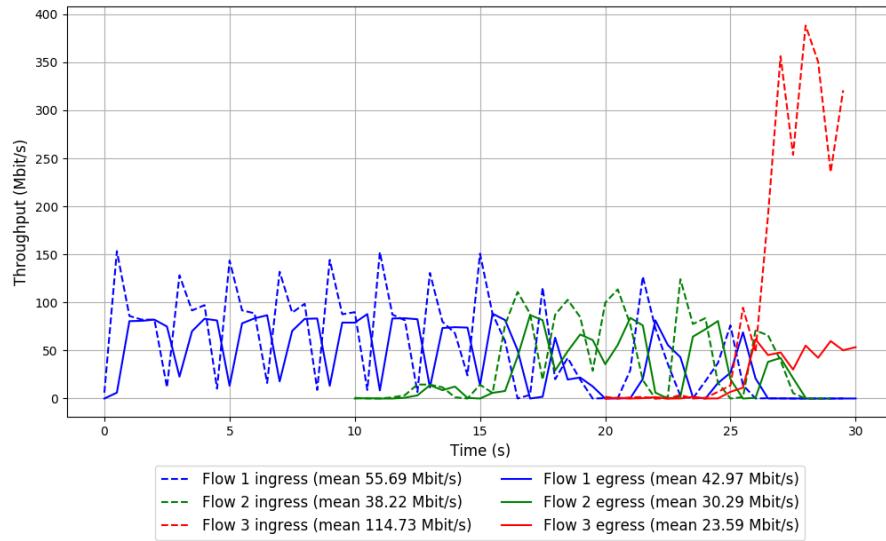


Run 2: Statistics of Verus

```
Start at: 2019-08-26 23:58:44
End at: 2019-08-26 23:59:14
Local clock offset: -1.02 ms
Remote clock offset: 6.135 ms

# Below is generated by plot.py at 2019-08-27 03:32:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 68.07 Mbit/s
95th percentile per-packet one-way delay: 71.083 ms
Loss rate: 41.96%
-- Flow 1:
Average throughput: 42.97 Mbit/s
95th percentile per-packet one-way delay: 69.037 ms
Loss rate: 23.00%
-- Flow 2:
Average throughput: 30.29 Mbit/s
95th percentile per-packet one-way delay: 69.601 ms
Loss rate: 26.77%
-- Flow 3:
Average throughput: 23.59 Mbit/s
95th percentile per-packet one-way delay: 93.653 ms
Loss rate: 79.32%
```

Run 2: Report of Verus — Data Link

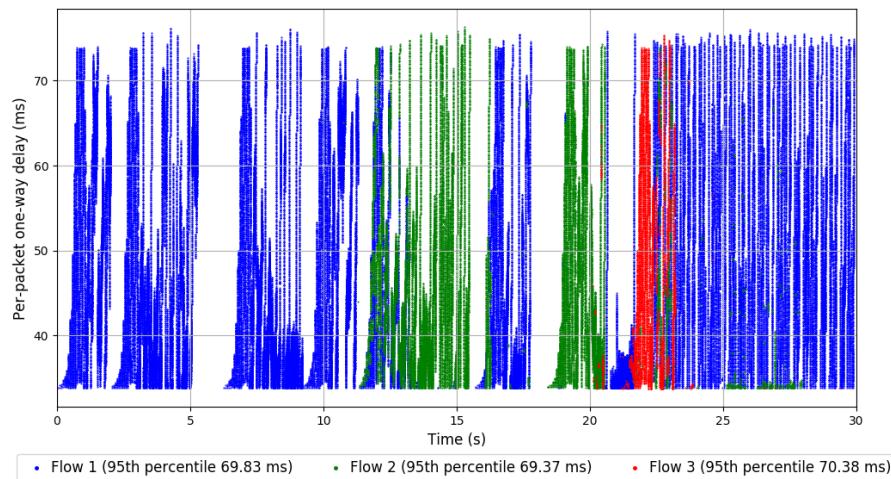
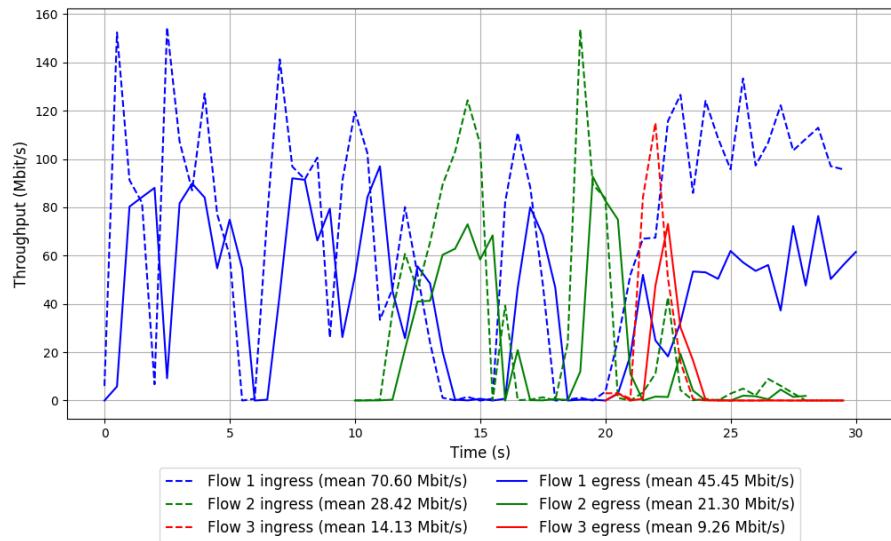


Run 3: Statistics of Verus

```
Start at: 2019-08-27 00:48:13
End at: 2019-08-27 00:48:43
Local clock offset: -1.163 ms
Remote clock offset: 4.009 ms

# Below is generated by plot.py at 2019-08-27 03:32:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 61.06 Mbit/s
95th percentile per-packet one-way delay: 69.783 ms
Loss rate: 34.91%
-- Flow 1:
Average throughput: 45.45 Mbit/s
95th percentile per-packet one-way delay: 69.832 ms
Loss rate: 35.60%
-- Flow 2:
Average throughput: 21.30 Mbit/s
95th percentile per-packet one-way delay: 69.374 ms
Loss rate: 31.76%
-- Flow 3:
Average throughput: 9.26 Mbit/s
95th percentile per-packet one-way delay: 70.382 ms
Loss rate: 37.17%
```

Run 3: Report of Verus — Data Link

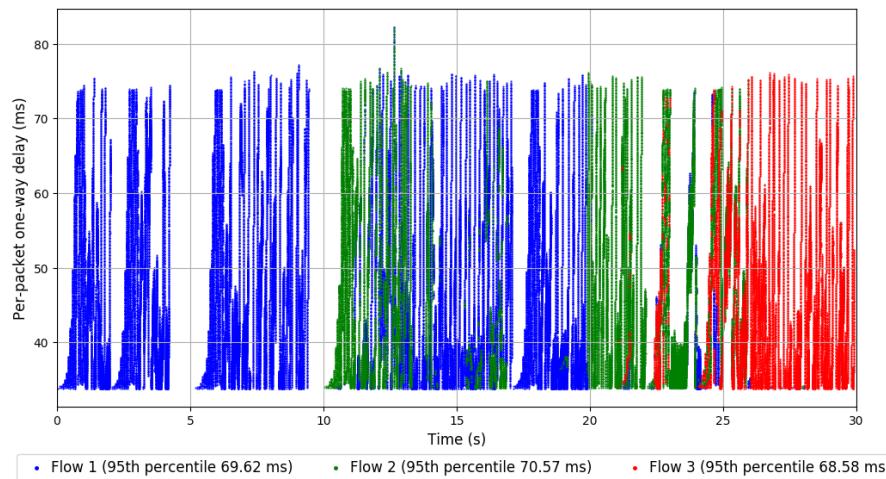
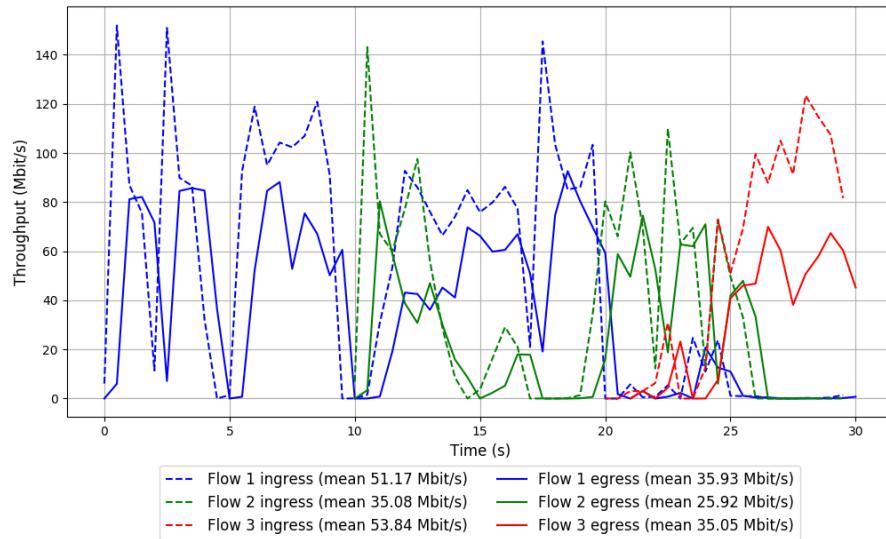


Run 4: Statistics of Verus

```
Start at: 2019-08-27 01:42:23
End at: 2019-08-27 01:42:53
Local clock offset: -0.912 ms
Remote clock offset: 3.791 ms

# Below is generated by plot.py at 2019-08-27 03:32:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 61.93 Mbit/s
95th percentile per-packet one-way delay: 69.751 ms
Loss rate: 32.51%
-- Flow 1:
Average throughput: 35.93 Mbit/s
95th percentile per-packet one-way delay: 69.617 ms
Loss rate: 29.93%
-- Flow 2:
Average throughput: 25.92 Mbit/s
95th percentile per-packet one-way delay: 70.572 ms
Loss rate: 31.38%
-- Flow 3:
Average throughput: 35.05 Mbit/s
95th percentile per-packet one-way delay: 68.580 ms
Loss rate: 41.38%
```

Run 4: Report of Verus — Data Link

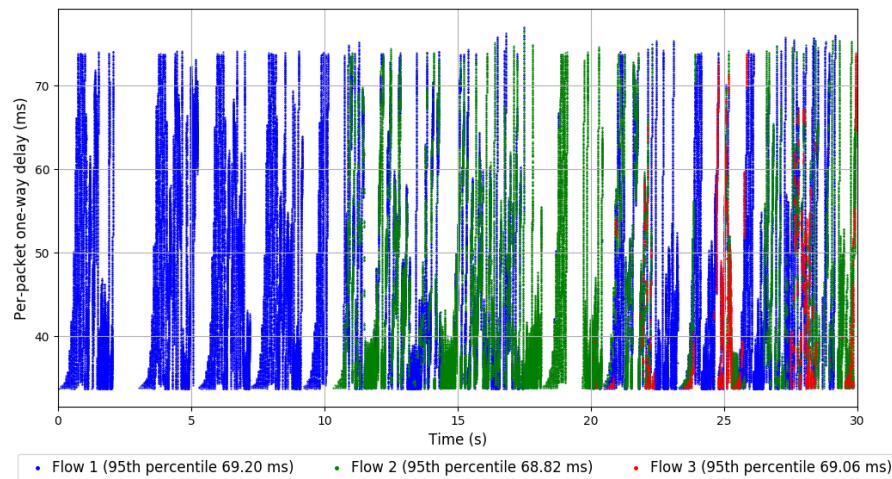
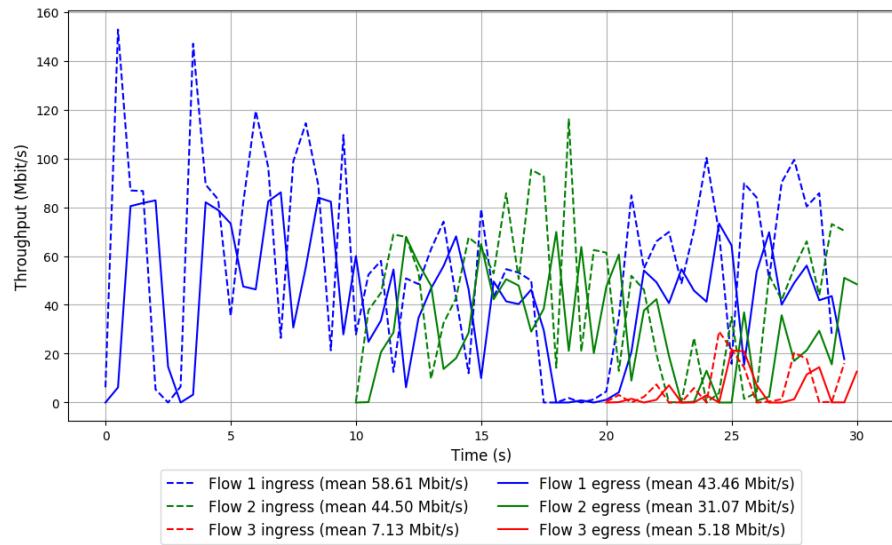


Run 5: Statistics of Verus

```
Start at: 2019-08-27 02:25:06
End at: 2019-08-27 02:25:36
Local clock offset: -1.094 ms
Remote clock offset: 3.066 ms

# Below is generated by plot.py at 2019-08-27 03:32:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 64.38 Mbit/s
95th percentile per-packet one-way delay: 69.093 ms
Loss rate: 27.27%
-- Flow 1:
Average throughput: 43.46 Mbit/s
95th percentile per-packet one-way delay: 69.202 ms
Loss rate: 25.77%
-- Flow 2:
Average throughput: 31.07 Mbit/s
95th percentile per-packet one-way delay: 68.817 ms
Loss rate: 30.21%
-- Flow 3:
Average throughput: 5.18 Mbit/s
95th percentile per-packet one-way delay: 69.057 ms
Loss rate: 27.21%
```

Run 5: Report of Verus — Data Link

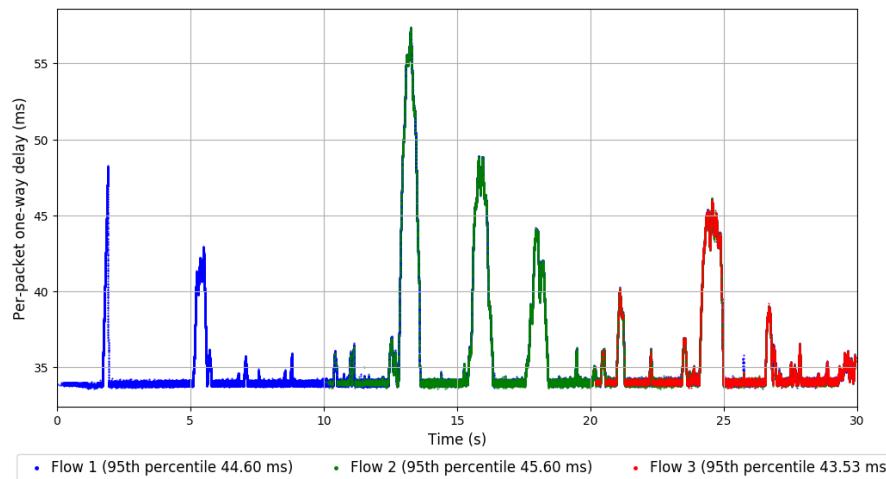
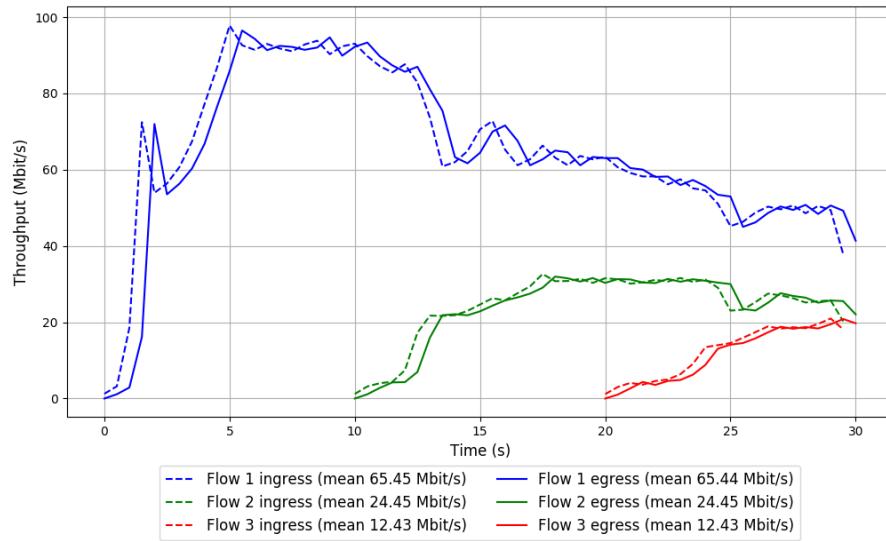


```
Run 1: Statistics of PCC-Vivace
```

```
Start at: 2019-08-26 23:25:25
End at: 2019-08-26 23:25:55
Local clock offset: -0.683 ms
Remote clock offset: 4.486 ms

# Below is generated by plot.py at 2019-08-27 03:32:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.81 Mbit/s
95th percentile per-packet one-way delay: 44.749 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 65.44 Mbit/s
95th percentile per-packet one-way delay: 44.602 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.45 Mbit/s
95th percentile per-packet one-way delay: 45.598 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 12.43 Mbit/s
95th percentile per-packet one-way delay: 43.533 ms
Loss rate: 0.00%
```

Run 1: Report of PCC-Vivace — Data Link

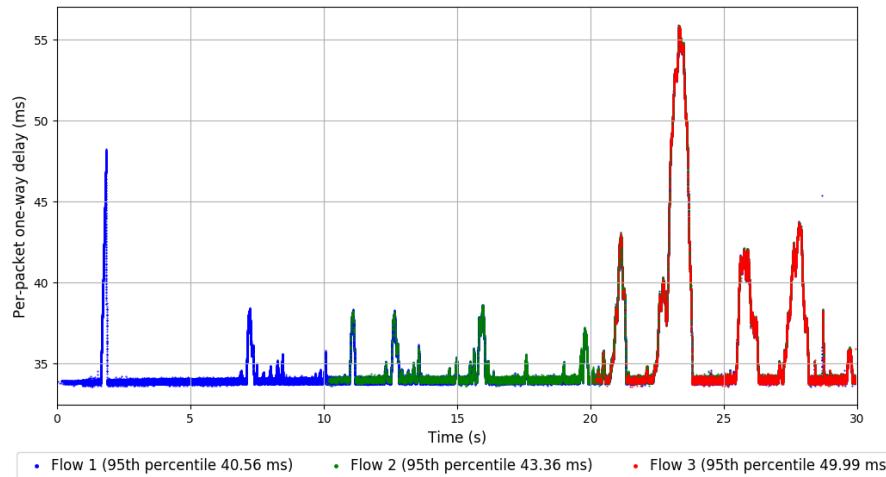
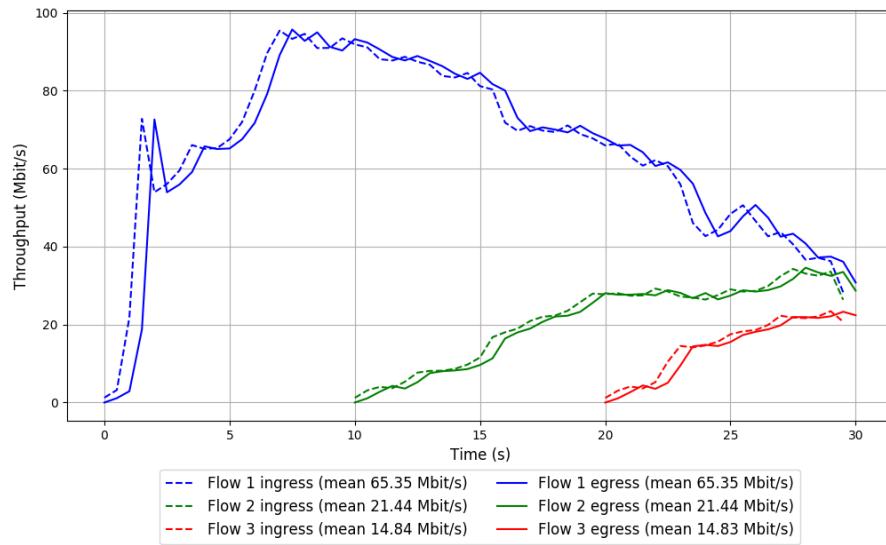


Run 2: Statistics of PCC-Vivace

```
Start at: 2019-08-27 00:11:38
End at: 2019-08-27 00:12:08
Local clock offset: -1.06 ms
Remote clock offset: 6.364 ms

# Below is generated by plot.py at 2019-08-27 03:32:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.50 Mbit/s
95th percentile per-packet one-way delay: 41.697 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 65.35 Mbit/s
95th percentile per-packet one-way delay: 40.564 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 21.44 Mbit/s
95th percentile per-packet one-way delay: 43.356 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 14.83 Mbit/s
95th percentile per-packet one-way delay: 49.995 ms
Loss rate: 0.00%
```

Run 2: Report of PCC-Vivace — Data Link

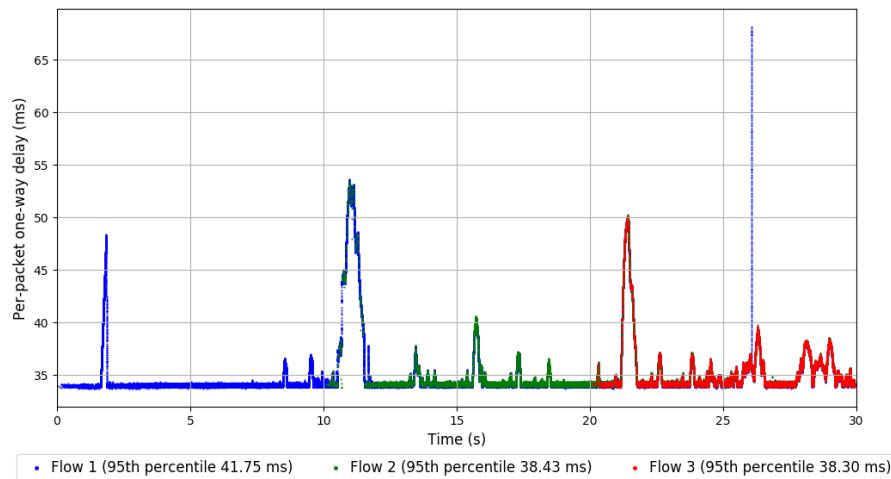
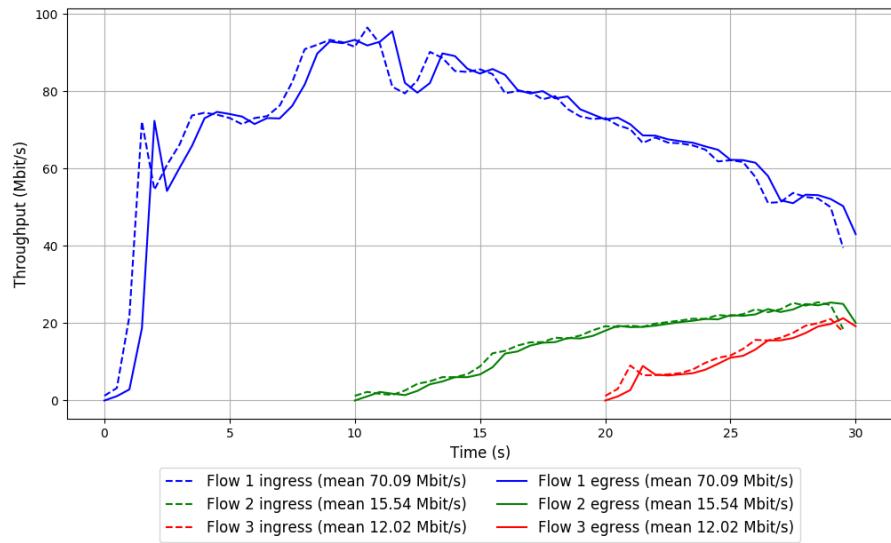


Run 3: Statistics of PCC-Vivace

```
Start at: 2019-08-27 01:03:21
End at: 2019-08-27 01:03:51
Local clock offset: -1.011 ms
Remote clock offset: 5.652 ms

# Below is generated by plot.py at 2019-08-27 03:32:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.39 Mbit/s
95th percentile per-packet one-way delay: 40.569 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 70.09 Mbit/s
95th percentile per-packet one-way delay: 41.752 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 15.54 Mbit/s
95th percentile per-packet one-way delay: 38.429 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 12.02 Mbit/s
95th percentile per-packet one-way delay: 38.302 ms
Loss rate: 0.00%
```

Run 3: Report of PCC-Vivace — Data Link

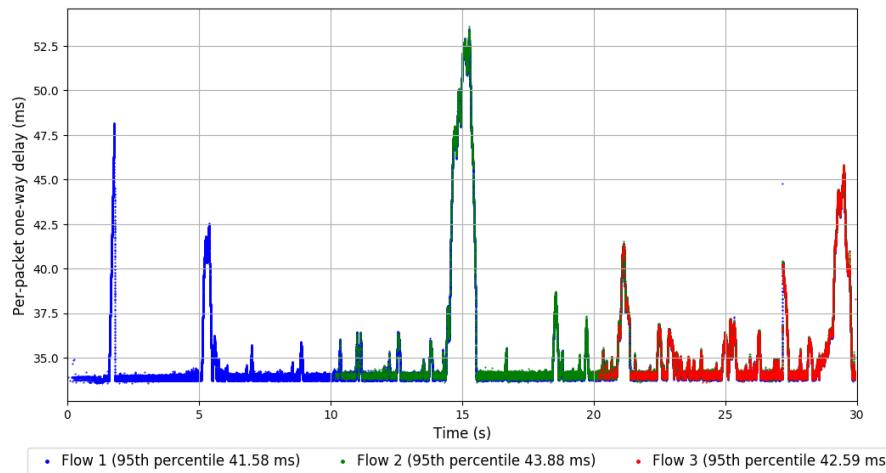
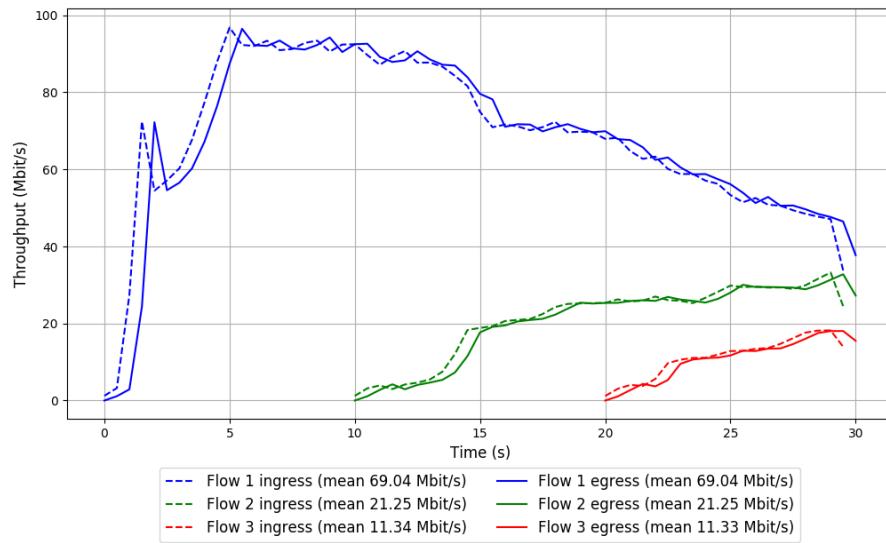


Run 4: Statistics of PCC-Vivace

```
Start at: 2019-08-27 01:55:04
End at: 2019-08-27 01:55:34
Local clock offset: -0.868 ms
Remote clock offset: 3.126 ms

# Below is generated by plot.py at 2019-08-27 03:32:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.91 Mbit/s
95th percentile per-packet one-way delay: 42.171 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 69.04 Mbit/s
95th percentile per-packet one-way delay: 41.579 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 21.25 Mbit/s
95th percentile per-packet one-way delay: 43.875 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 11.33 Mbit/s
95th percentile per-packet one-way delay: 42.590 ms
Loss rate: 0.00%
```

Run 4: Report of PCC-Vivace — Data Link

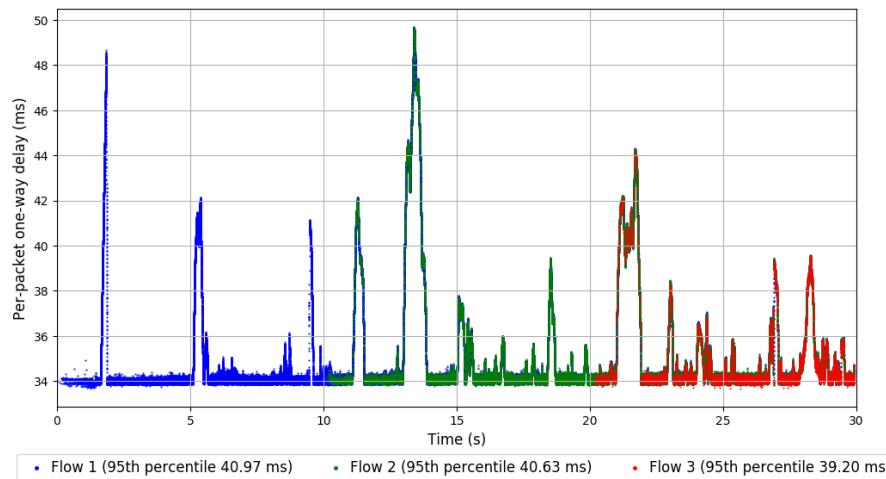
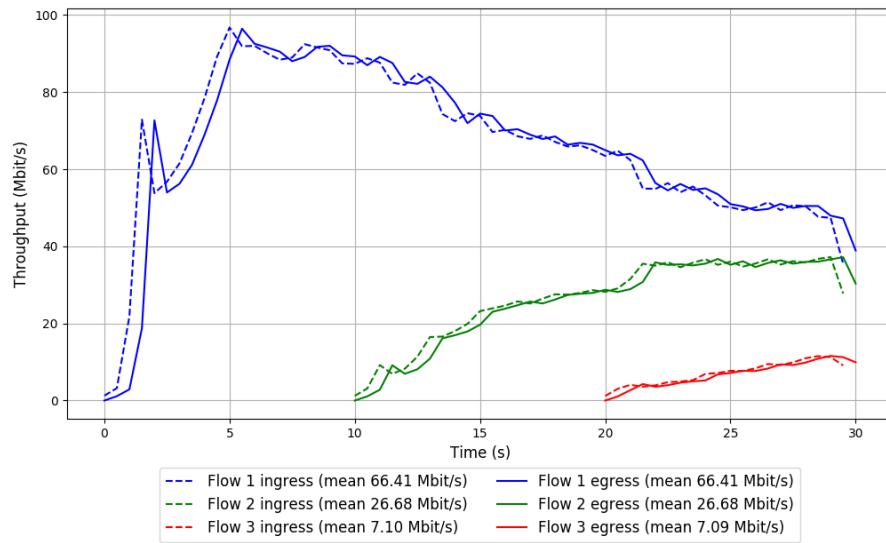


Run 5: Statistics of PCC-Vivace

```
Start at: 2019-08-27 02:40:09
End at: 2019-08-27 02:40:39
Local clock offset: -1.201 ms
Remote clock offset: 4.063 ms

# Below is generated by plot.py at 2019-08-27 03:32:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.50 Mbit/s
95th percentile per-packet one-way delay: 40.855 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 66.41 Mbit/s
95th percentile per-packet one-way delay: 40.966 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 26.68 Mbit/s
95th percentile per-packet one-way delay: 40.630 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 7.09 Mbit/s
95th percentile per-packet one-way delay: 39.203 ms
Loss rate: 0.00%
```

Run 5: Report of PCC-Vivace — Data Link

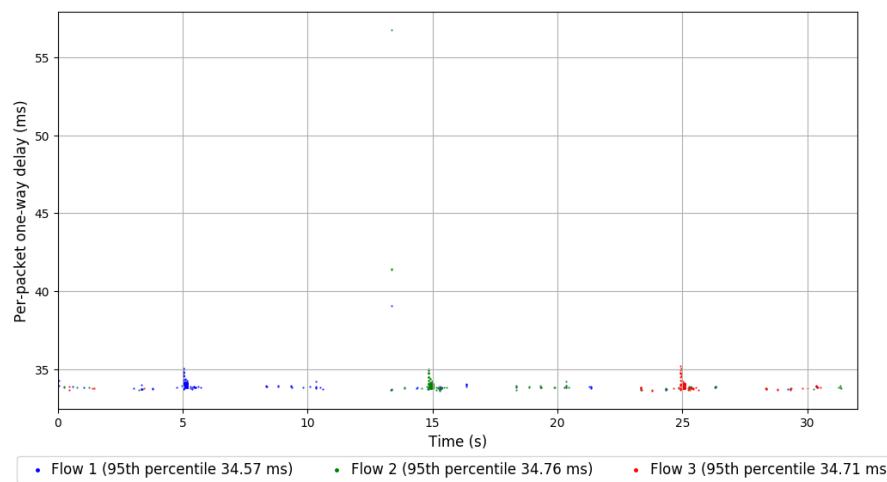
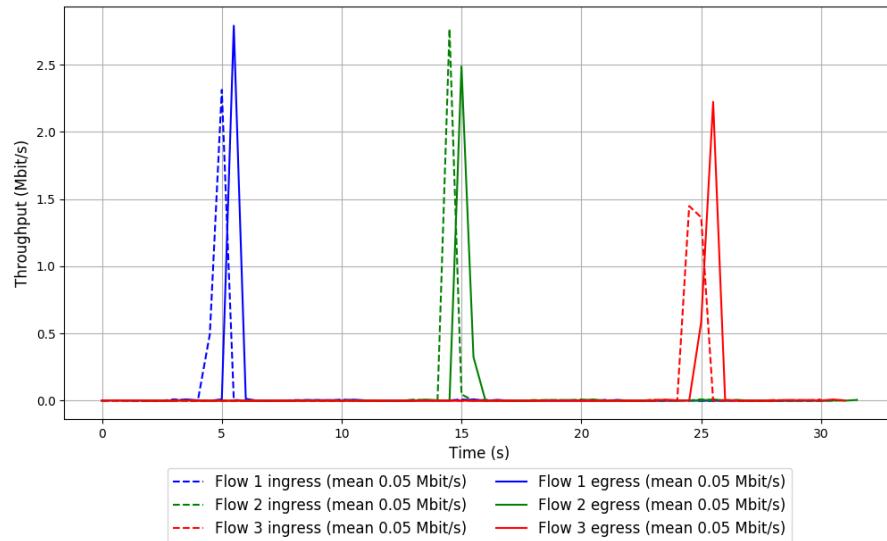


```
Run 1: Statistics of WebRTC media

Start at: 2019-08-26 23:33:44
End at: 2019-08-26 23:34:14
Local clock offset: -0.768 ms
Remote clock offset: 4.426 ms

# Below is generated by plot.py at 2019-08-27 03:32:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 34.713 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 34.571 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 34.757 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 34.707 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

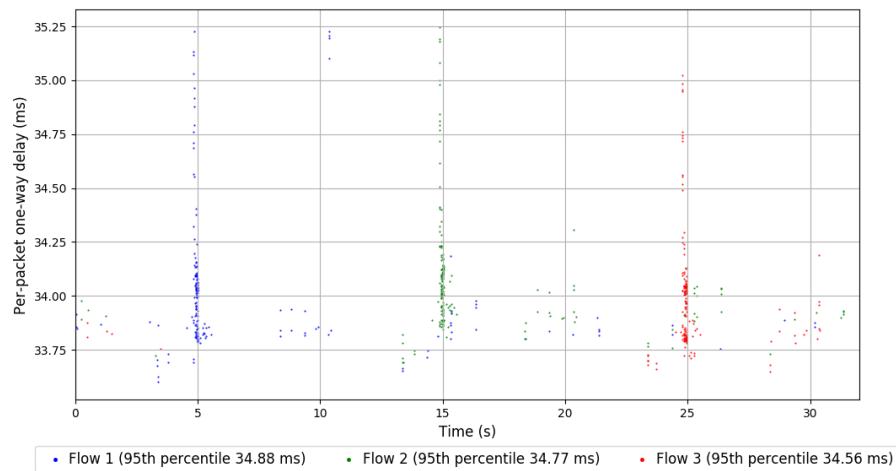
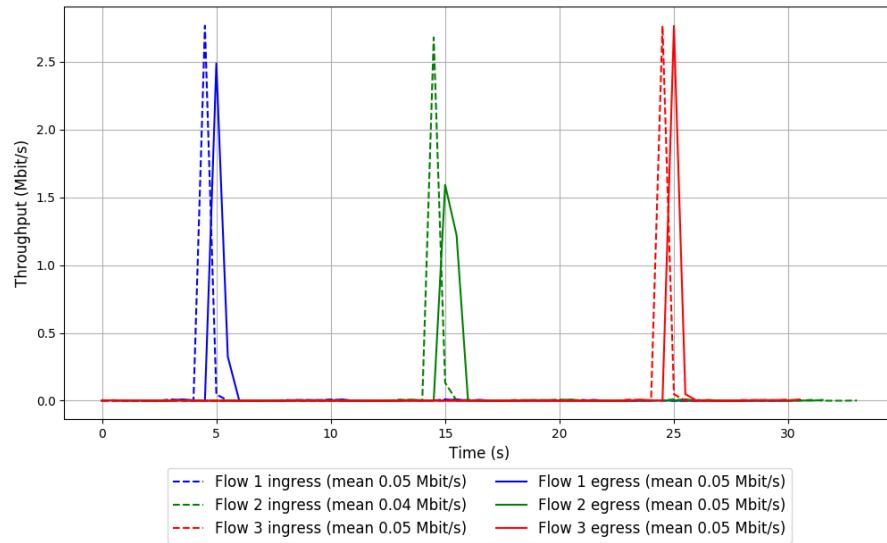


Run 2: Statistics of WebRTC media

```
Start at: 2019-08-27 00:20:11
End at: 2019-08-27 00:20:41
Local clock offset: -1.063 ms
Remote clock offset: 5.459 ms

# Below is generated by plot.py at 2019-08-27 03:32:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 34.760 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 34.878 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 34.769 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 34.560 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

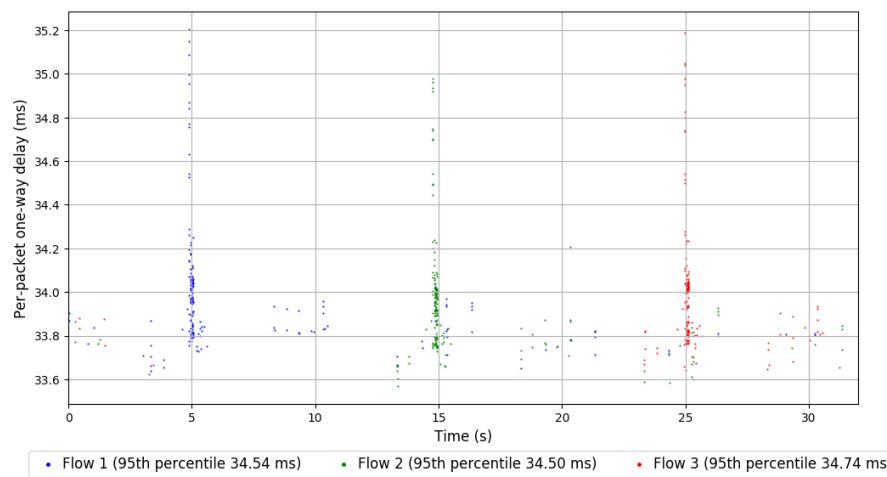
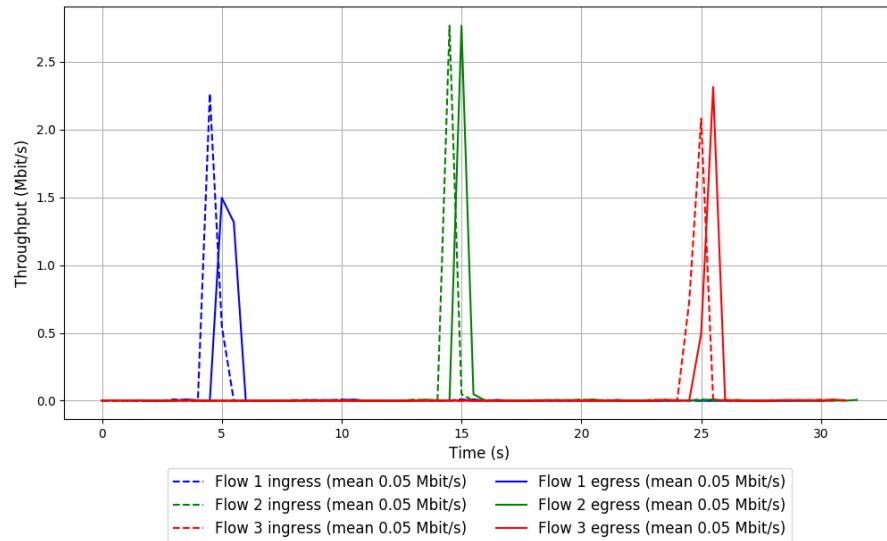


Run 3: Statistics of WebRTC media

```
Start at: 2019-08-27 01:13:18
End at: 2019-08-27 01:13:48
Local clock offset: -0.963 ms
Remote clock offset: 6.043 ms

# Below is generated by plot.py at 2019-08-27 03:32:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 34.543 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 34.541 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 34.497 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 34.737 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

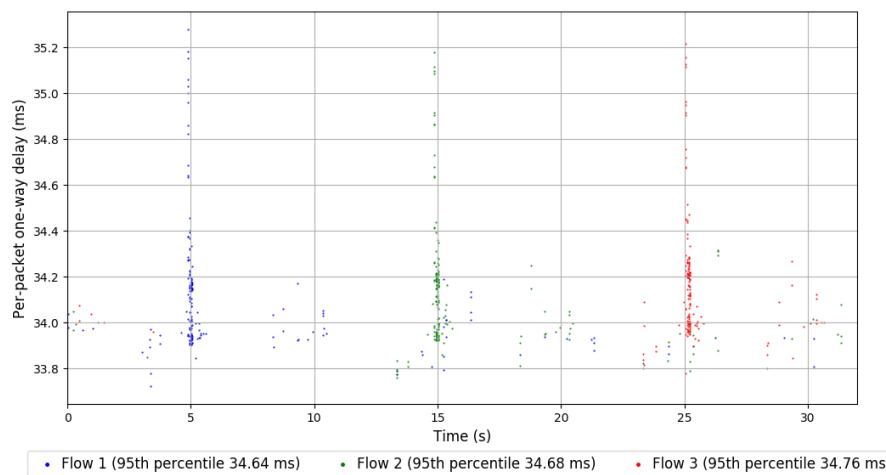
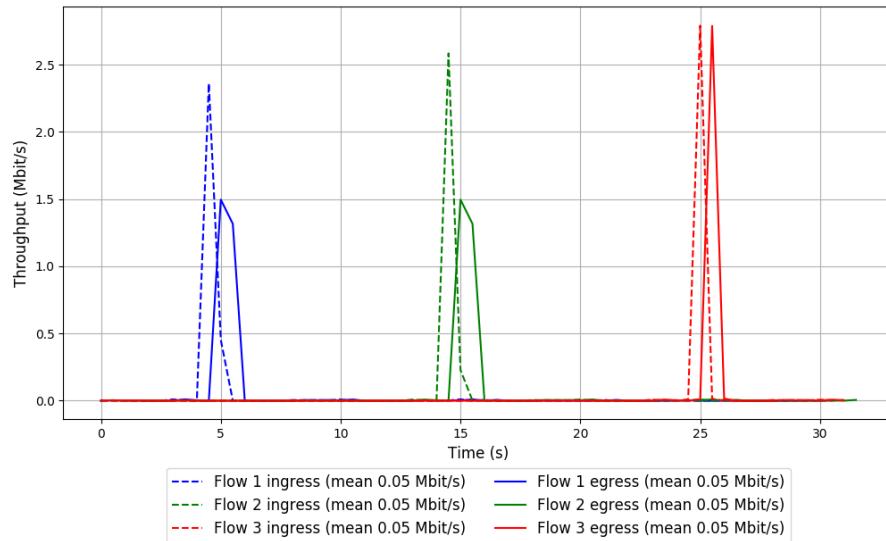


Run 4: Statistics of WebRTC media

```
Start at: 2019-08-27 02:02:25
End at: 2019-08-27 02:02:55
Local clock offset: -0.905 ms
Remote clock offset: 3.156 ms

# Below is generated by plot.py at 2019-08-27 03:32:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 34.720 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 34.640 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 34.677 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 34.757 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

```
Start at: 2019-08-27 02:50:48
End at: 2019-08-27 02:51:18
Local clock offset: -1.257 ms
Remote clock offset: 4.288 ms

# Below is generated by plot.py at 2019-08-27 03:32:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 34.623 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 34.588 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 34.599 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 34.733 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

