

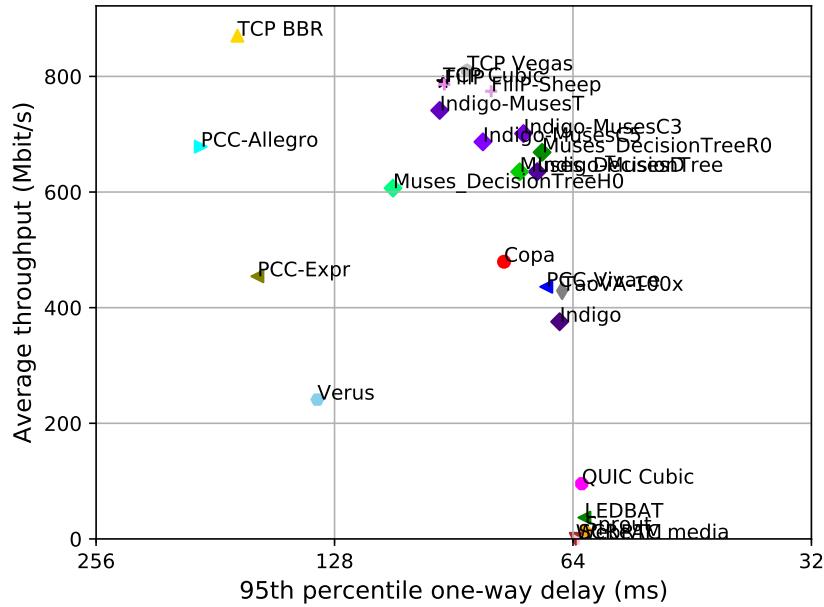
Pantheon Report

Generated at 2019-08-27 15:32:52 (UTC).
Data path: GCE Tokyo on `ens4` (*remote*) → GCE Iowa on `ens4` (*local*).
Repeated the test of 24 congestion control schemes 5 times.
Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.
NTP offsets were measured against `time.google.com` and have been applied to correct the timestamps in logs.

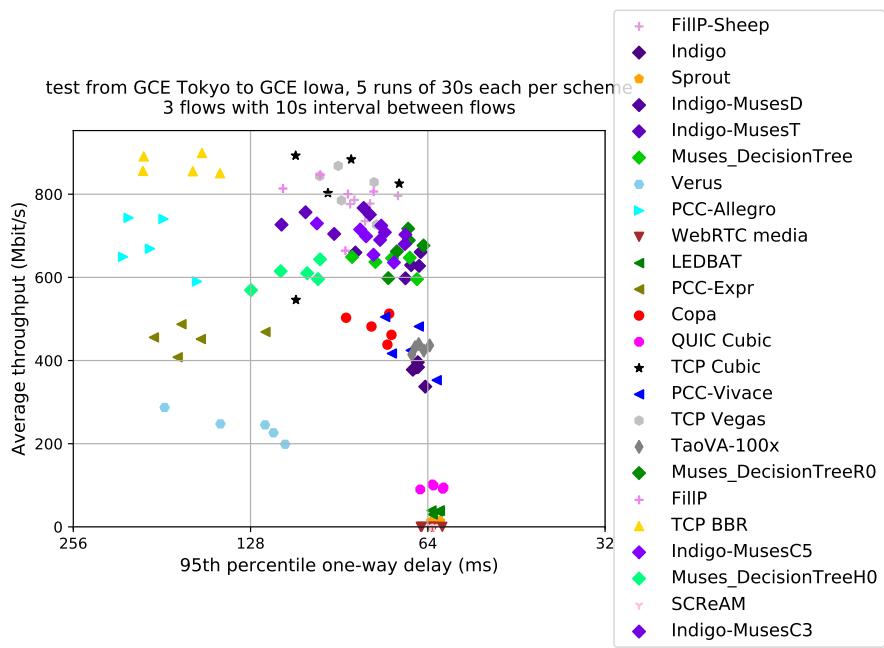
```
System info:  
Linux 4.15.0-1036-gcp  
net.core.default_qdisc = fq  
net.core.rmem_default = 16777216  
net.core.rmem_max = 536870912  
net.core.wmem_default = 16777216  
net.core.wmem_max = 536870912  
net.ipv4.tcp_rmem = 4096 16777216 536870912  
net.ipv4.tcp_wmem = 4096 16777216 536870912  
  
Git summary:  
branch: muses @ de42328552b3776a75a932a94dfaf722537b0ec  
third_party/fillp @ 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 GCE Tokyo to GCE Iowa, 5 runs of 30s each per scheme
3 flows with 10s interval between flows (mean of all runs by scheme)



test from GCE Tokyo to GCE Iowa, 5 runs of 30s each per scheme
3 flows with 10s interval between flows



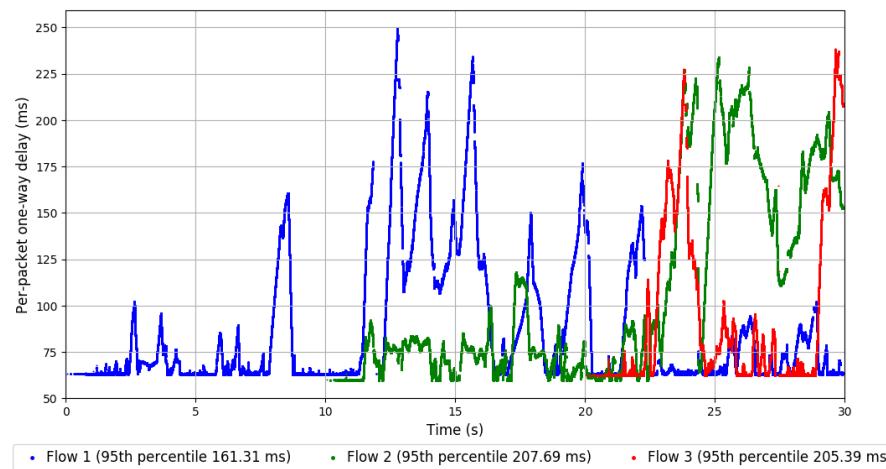
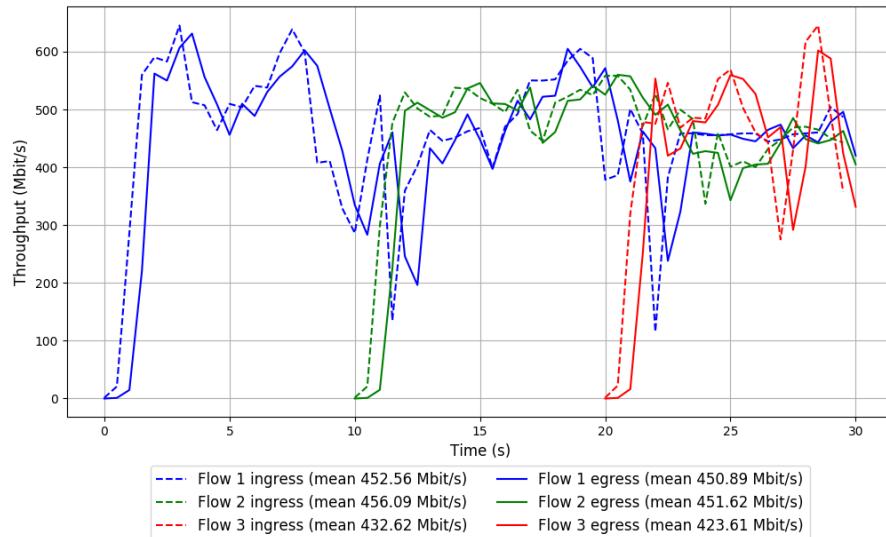
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	5	450.22	438.74	389.88	153.91	185.77	132.92	0.71	1.63	2.04
Copa	5	248.84	232.83	230.17	75.22	80.22	81.53	0.41	0.65	1.40
TCP Cubic	5	369.09	451.88	366.11	76.13	91.66	116.27	0.34	0.72	1.88
FillP	5	480.97	336.43	249.56	101.48	66.39	65.66	0.59	0.54	1.50
FillP-Sheep	5	484.11	320.67	235.55	85.64	66.61	66.40	0.26	0.56	1.34
Indigo	5	202.60	184.93	151.52	65.01	67.15	66.81	0.43	0.66	1.46
Indigo-MusesC3	5	420.43	348.62	231.78	76.04	67.17	70.14	0.26	0.65	2.23
Indigo-MusesC5	5	425.23	375.93	89.62	102.54	71.35	60.94	0.30	0.70	2.19
Indigo-MusesD	5	388.50	303.83	207.13	70.95	71.78	64.40	0.35	0.49	2.14
Indigo-MusesT	5	451.62	370.68	218.78	99.79	72.38	67.19	0.31	0.60	2.47
LEDBAT	5	23.22	16.56	8.14	61.56	60.99	61.41	0.70	1.23	2.48
Muses_DecisionTree	5	362.27	301.10	239.67	78.74	69.19	64.55	0.24	0.56	1.64
Muses_DecisionTreeH0	5	322.34	317.41	238.89	118.78	91.18	85.58	0.67	0.60	1.31
Muses_DecisionTreeR0	5	394.89	320.40	199.85	72.07	66.34	62.99	0.25	0.56	1.83
PCC-Allegro	5	387.80	315.87	249.75	191.17	190.58	136.10	5.12	3.42	1.75
PCC-Expr	5	267.79	196.56	171.41	173.71	116.08	77.31	2.23	2.15	1.66
QUIC Cubic	5	50.73	48.53	35.90	60.35	60.21	62.41	0.51	1.02	0.60
SCReAM	5	0.22	0.22	0.22	61.80	61.48	61.97	0.38	0.61	1.30
Sprout	5	6.99	6.82	6.50	61.21	61.54	60.64	0.40	0.61	1.62
TaoVA-100x	5	223.01	211.87	198.56	64.63	66.05	66.63	0.40	0.69	1.41
TCP Vegas	5	409.26	407.55	395.33	75.96	75.73	111.18	0.43	0.47	1.41
Verus	5	142.85	109.35	79.35	146.79	107.06	89.86	0.49	0.72	2.10
PCC-Vivace	5	269.04	191.31	122.82	69.47	70.22	79.37	0.45	0.84	1.72
WebRTC media	5	0.05	0.05	0.05	60.78	61.42	62.51	0.00	0.01	0.01

Run 1: Statistics of TCP BBR

```
Start at: 2019-08-27 09:29:52
End at: 2019-08-27 09:30:22
Local clock offset: 0.004 ms
Remote clock offset: 0.004 ms

# Below is generated by plot.py at 2019-08-27 12:56:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 890.90 Mbit/s
95th percentile per-packet one-way delay: 194.339 ms
Loss rate: 1.46%
-- Flow 1:
Average throughput: 450.89 Mbit/s
95th percentile per-packet one-way delay: 161.307 ms
Loss rate: 0.79%
-- Flow 2:
Average throughput: 451.62 Mbit/s
95th percentile per-packet one-way delay: 207.689 ms
Loss rate: 1.59%
-- Flow 3:
Average throughput: 423.61 Mbit/s
95th percentile per-packet one-way delay: 205.387 ms
Loss rate: 3.32%
```

Run 1: Report of TCP BBR — Data Link

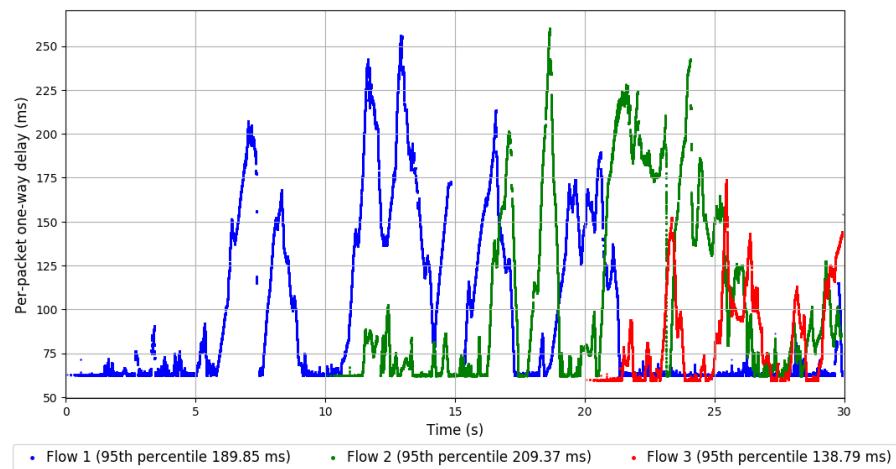
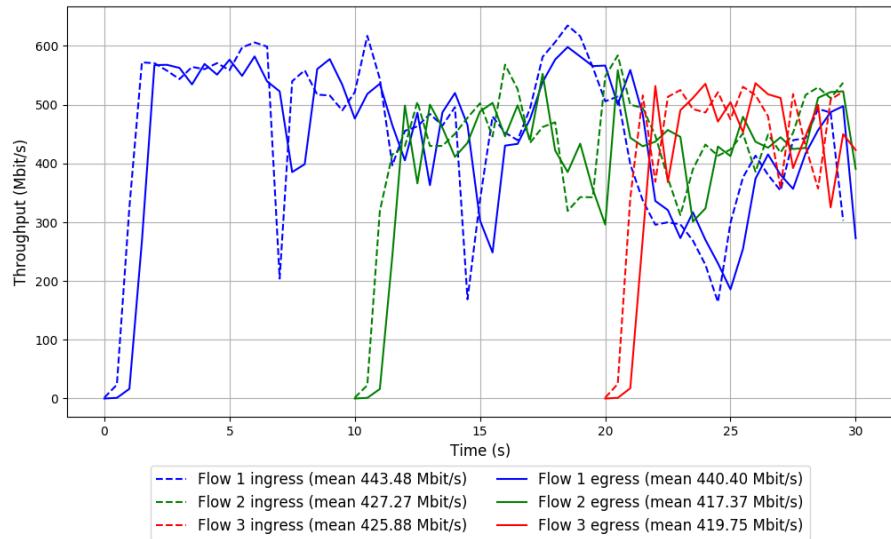


Run 2: Statistics of TCP BBR

```
Start at: 2019-08-27 10:10:30
End at: 2019-08-27 10:11:01
Local clock offset: -0.145 ms
Remote clock offset: -0.214 ms

# Below is generated by plot.py at 2019-08-27 12:56:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 856.03 Mbit/s
95th percentile per-packet one-way delay: 194.929 ms
Loss rate: 1.94%
-- Flow 1:
Average throughput: 440.40 Mbit/s
95th percentile per-packet one-way delay: 189.851 ms
Loss rate: 1.11%
-- Flow 2:
Average throughput: 417.37 Mbit/s
95th percentile per-packet one-way delay: 209.365 ms
Loss rate: 2.87%
-- Flow 3:
Average throughput: 419.75 Mbit/s
95th percentile per-packet one-way delay: 138.788 ms
Loss rate: 2.66%
```

Run 2: Report of TCP BBR — Data Link

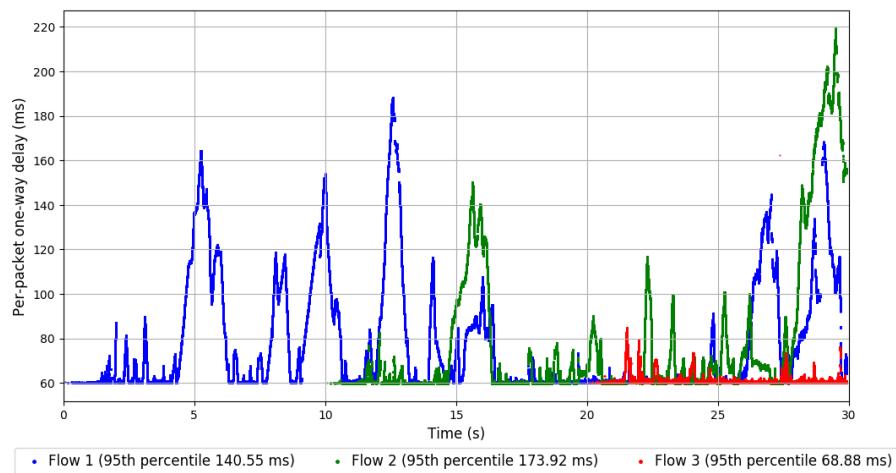
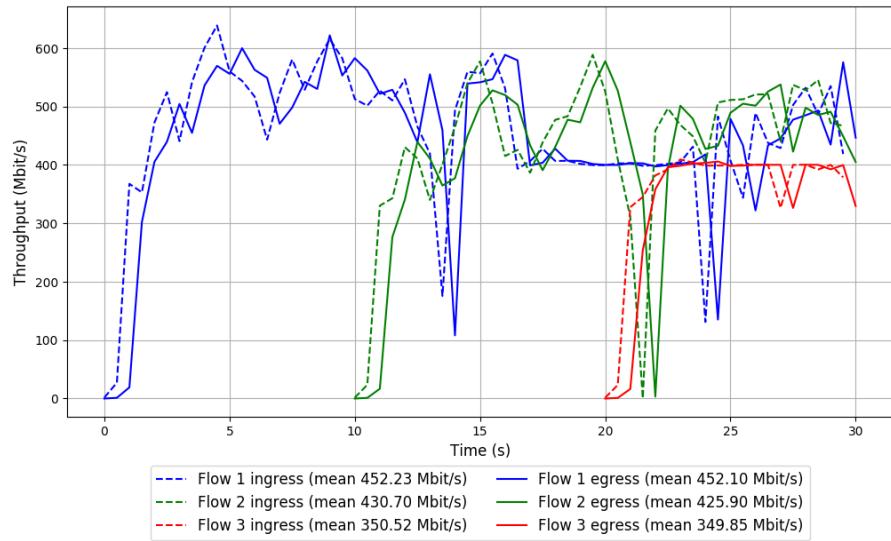


Run 3: Statistics of TCP BBR

```
Start at: 2019-08-27 10:51:22
End at: 2019-08-27 10:51:52
Local clock offset: -0.025 ms
Remote clock offset: -0.34 ms

# Below is generated by plot.py at 2019-08-27 12:56:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 850.52 Mbit/s
95th percentile per-packet one-way delay: 144.224 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 452.10 Mbit/s
95th percentile per-packet one-way delay: 140.546 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 425.90 Mbit/s
95th percentile per-packet one-way delay: 173.924 ms
Loss rate: 1.71%
-- Flow 3:
Average throughput: 349.85 Mbit/s
95th percentile per-packet one-way delay: 68.883 ms
Loss rate: 1.40%
```

Run 3: Report of TCP BBR — Data Link

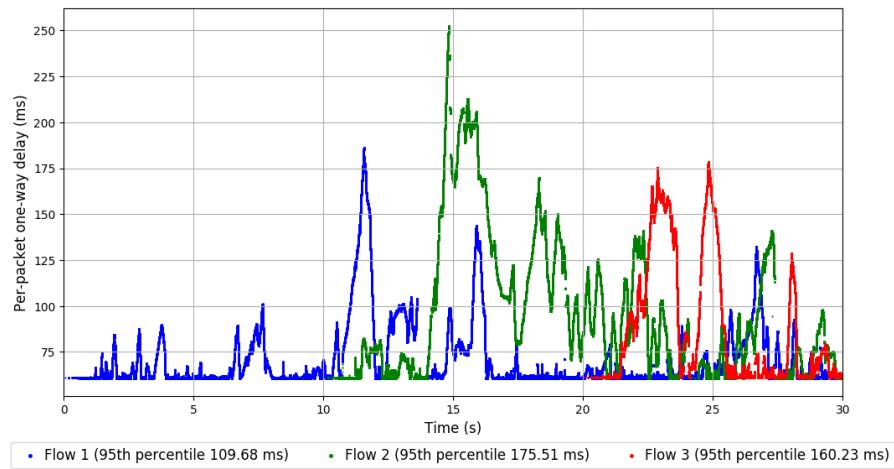
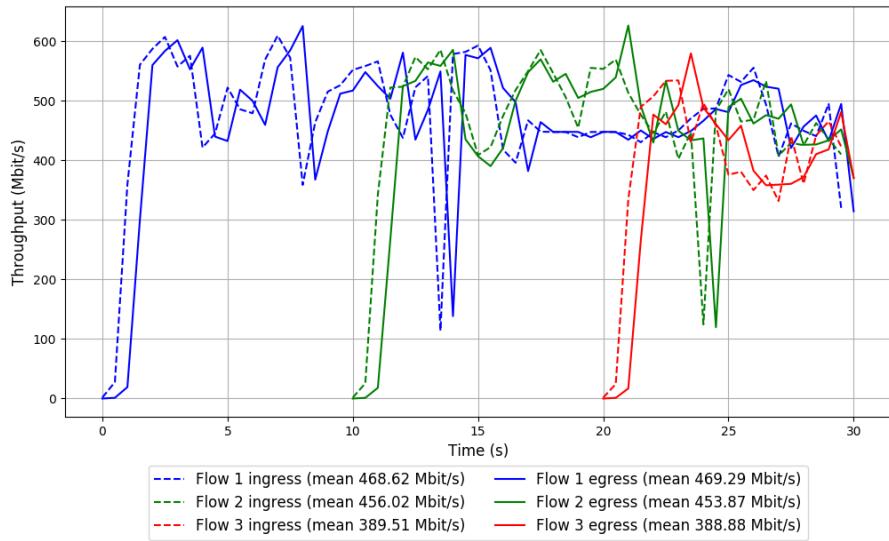


Run 4: Statistics of TCP BBR

```
Start at: 2019-08-27 11:32:27
End at: 2019-08-27 11:32:58
Local clock offset: 0.134 ms
Remote clock offset: -0.869 ms

# Below is generated by plot.py at 2019-08-27 12:56:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 899.16 Mbit/s
95th percentile per-packet one-way delay: 154.785 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 469.29 Mbit/s
95th percentile per-packet one-way delay: 109.683 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 453.87 Mbit/s
95th percentile per-packet one-way delay: 175.514 ms
Loss rate: 1.07%
-- Flow 3:
Average throughput: 388.88 Mbit/s
95th percentile per-packet one-way delay: 160.226 ms
Loss rate: 1.38%
```

Run 4: Report of TCP BBR — Data Link

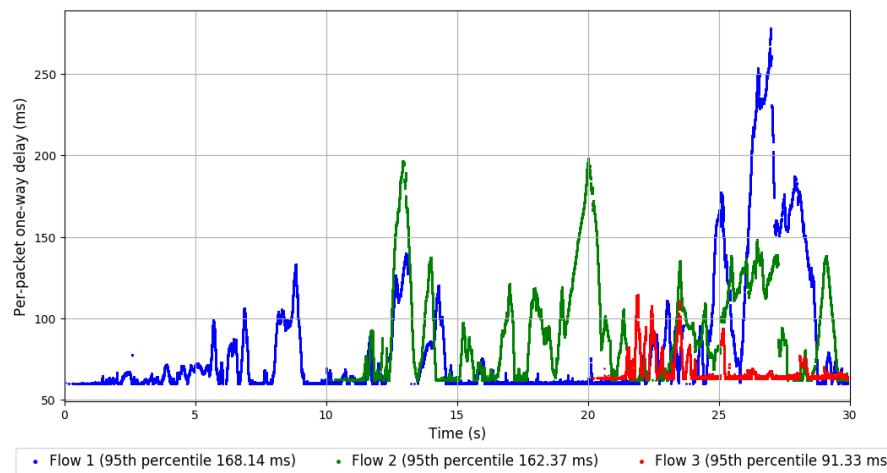
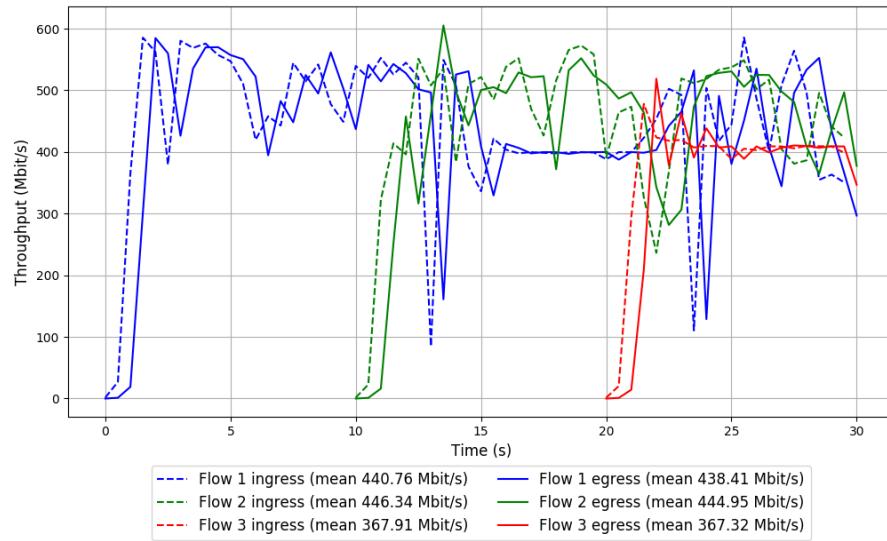


Run 5: Statistics of TCP BBR

```
Start at: 2019-08-27 12:13:14
End at: 2019-08-27 12:13:44
Local clock offset: -0.031 ms
Remote clock offset: -0.004 ms

# Below is generated by plot.py at 2019-08-27 12:56:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 855.12 Mbit/s
95th percentile per-packet one-way delay: 160.406 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 438.41 Mbit/s
95th percentile per-packet one-way delay: 168.141 ms
Loss rate: 0.94%
-- Flow 2:
Average throughput: 444.95 Mbit/s
95th percentile per-packet one-way delay: 162.369 ms
Loss rate: 0.93%
-- Flow 3:
Average throughput: 367.32 Mbit/s
95th percentile per-packet one-way delay: 91.329 ms
Loss rate: 1.42%
```

Run 5: Report of TCP BBR — Data Link

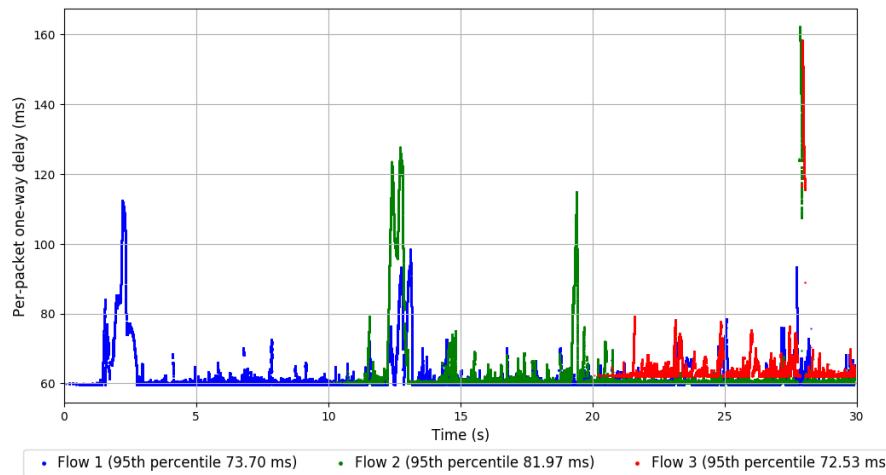
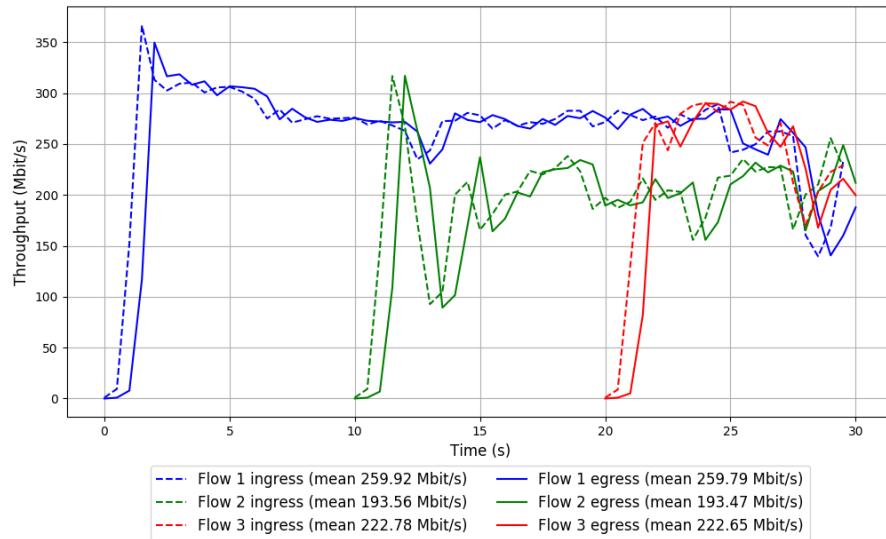


Run 1: Statistics of Copa

```
Start at: 2019-08-27 09:01:44
End at: 2019-08-27 09:02:14
Local clock offset: -0.068 ms
Remote clock offset: -0.137 ms

# Below is generated by plot.py at 2019-08-27 12:56:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 461.73 Mbit/s
95th percentile per-packet one-way delay: 73.779 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 259.79 Mbit/s
95th percentile per-packet one-way delay: 73.696 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 193.47 Mbit/s
95th percentile per-packet one-way delay: 81.967 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 222.65 Mbit/s
95th percentile per-packet one-way delay: 72.534 ms
Loss rate: 1.33%
```

Run 1: Report of Copa — Data Link

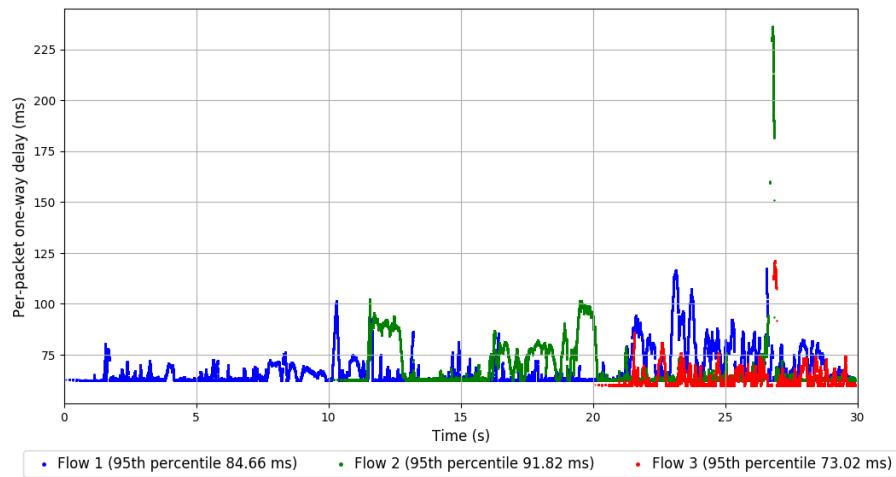
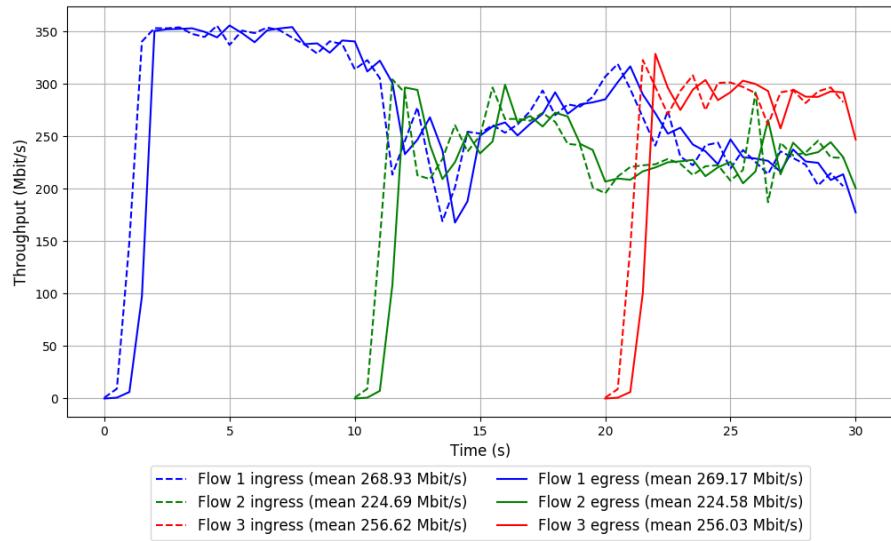


Run 2: Statistics of Copa

```
Start at: 2019-08-27 09:42:16
End at: 2019-08-27 09:42:46
Local clock offset: -0.105 ms
Remote clock offset: -0.041 ms

# Below is generated by plot.py at 2019-08-27 12:56:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 502.86 Mbit/s
95th percentile per-packet one-way delay: 88.102 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 269.17 Mbit/s
95th percentile per-packet one-way delay: 84.660 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 224.58 Mbit/s
95th percentile per-packet one-way delay: 91.818 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 256.03 Mbit/s
95th percentile per-packet one-way delay: 73.017 ms
Loss rate: 1.46%
```

Run 2: Report of Copa — Data Link

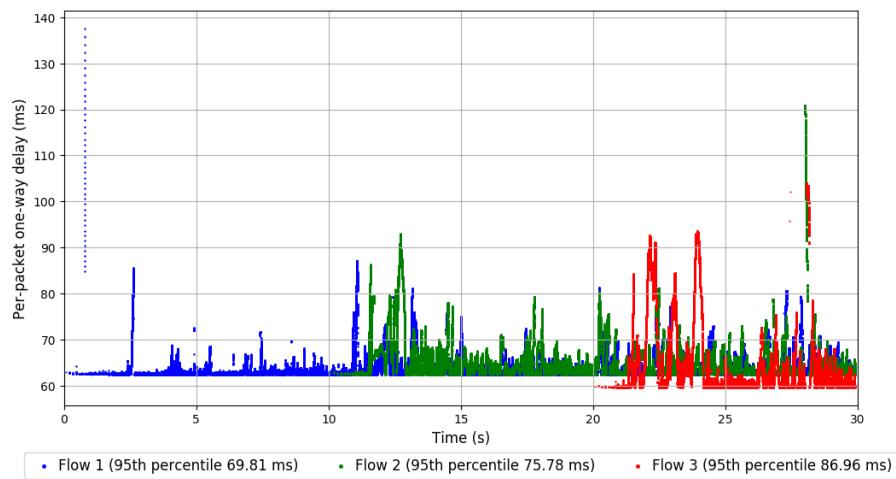
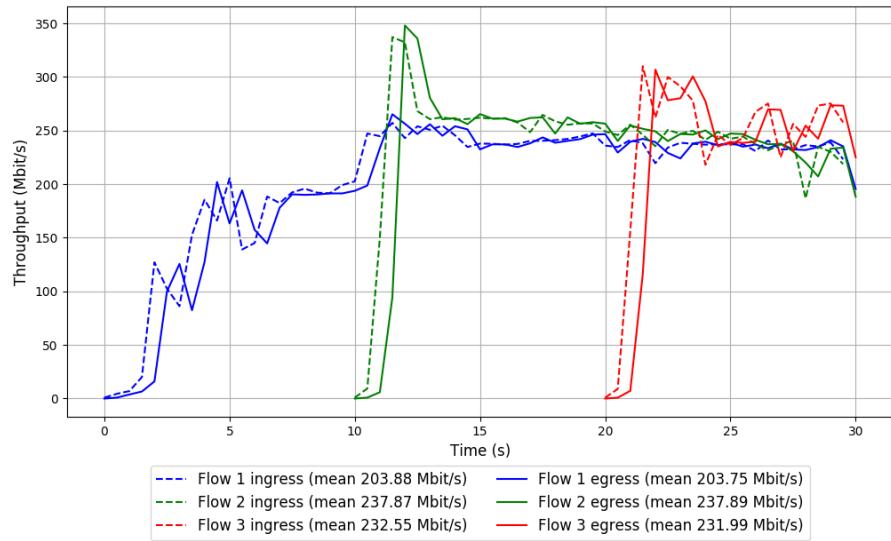


Run 3: Statistics of Copa

```
Start at: 2019-08-27 10:22:51
End at: 2019-08-27 10:23:21
Local clock offset: -0.188 ms
Remote clock offset: -0.667 ms

# Below is generated by plot.py at 2019-08-27 12:56:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 438.23 Mbit/s
95th percentile per-packet one-way delay: 74.952 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 203.75 Mbit/s
95th percentile per-packet one-way delay: 69.812 ms
Loss rate: 0.48%
-- Flow 2:
Average throughput: 237.89 Mbit/s
95th percentile per-packet one-way delay: 75.777 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 231.99 Mbit/s
95th percentile per-packet one-way delay: 86.958 ms
Loss rate: 1.44%
```

Run 3: Report of Copa — Data Link

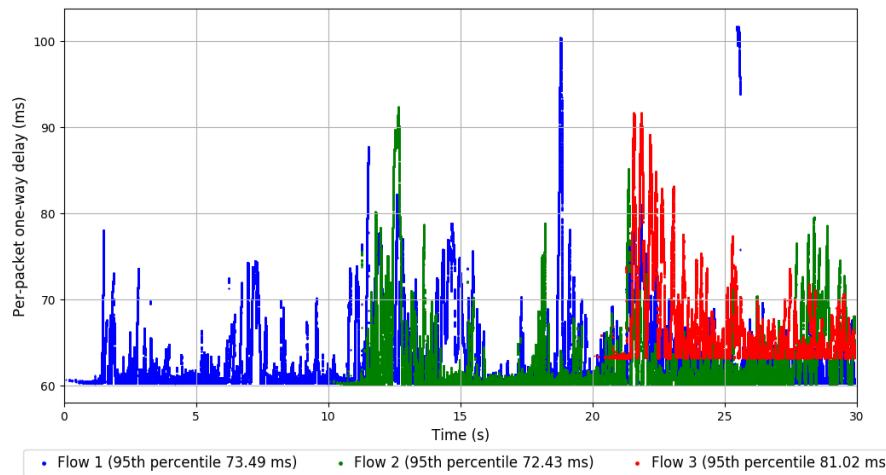
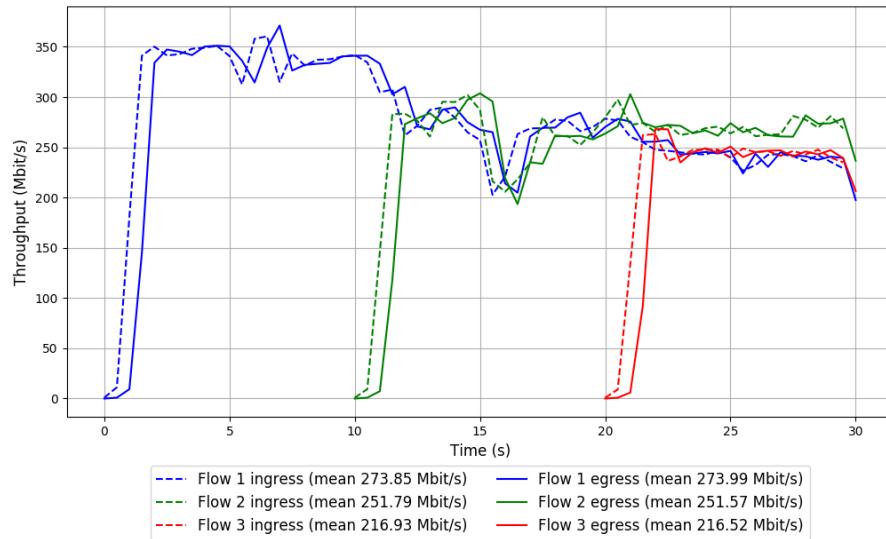


Run 4: Statistics of Copa

```
Start at: 2019-08-27 11:03:48
End at: 2019-08-27 11:04:18
Local clock offset: 0.011 ms
Remote clock offset: -0.417 ms

# Below is generated by plot.py at 2019-08-27 13:11:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 512.59 Mbit/s
95th percentile per-packet one-way delay: 74.429 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 273.99 Mbit/s
95th percentile per-packet one-way delay: 73.491 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 251.57 Mbit/s
95th percentile per-packet one-way delay: 72.430 ms
Loss rate: 0.69%
-- Flow 3:
Average throughput: 216.52 Mbit/s
95th percentile per-packet one-way delay: 81.017 ms
Loss rate: 1.42%
```

Run 4: Report of Copa — Data Link

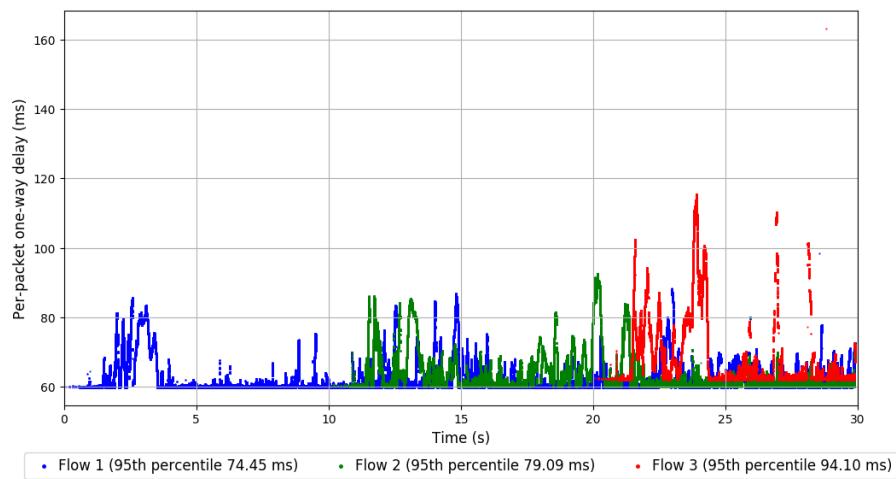
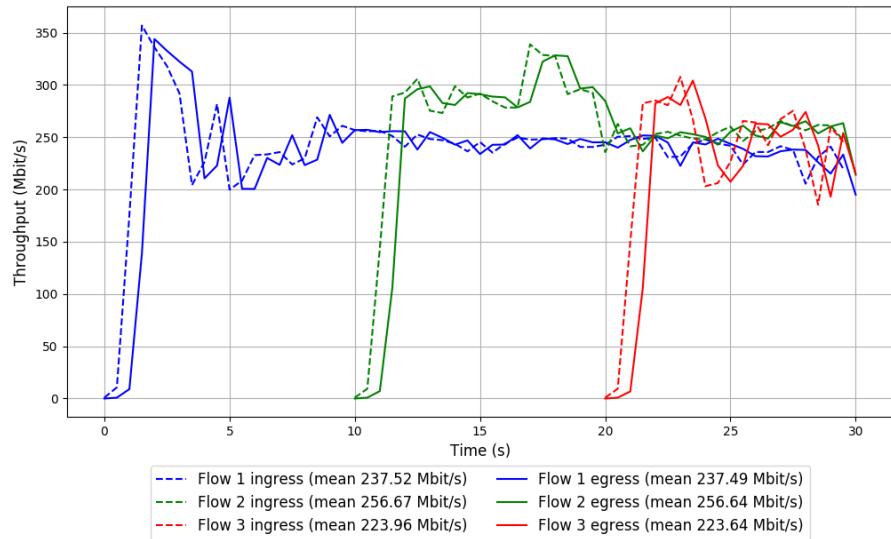


Run 5: Statistics of Copa

```
Start at: 2019-08-27 11:44:48
End at: 2019-08-27 11:45:18
Local clock offset: 0.14 ms
Remote clock offset: -0.08 ms

# Below is generated by plot.py at 2019-08-27 13:11:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 481.80 Mbit/s
95th percentile per-packet one-way delay: 79.777 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 237.49 Mbit/s
95th percentile per-packet one-way delay: 74.449 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 256.64 Mbit/s
95th percentile per-packet one-way delay: 79.093 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 223.64 Mbit/s
95th percentile per-packet one-way delay: 94.101 ms
Loss rate: 1.37%
```

Run 5: Report of Copa — Data Link

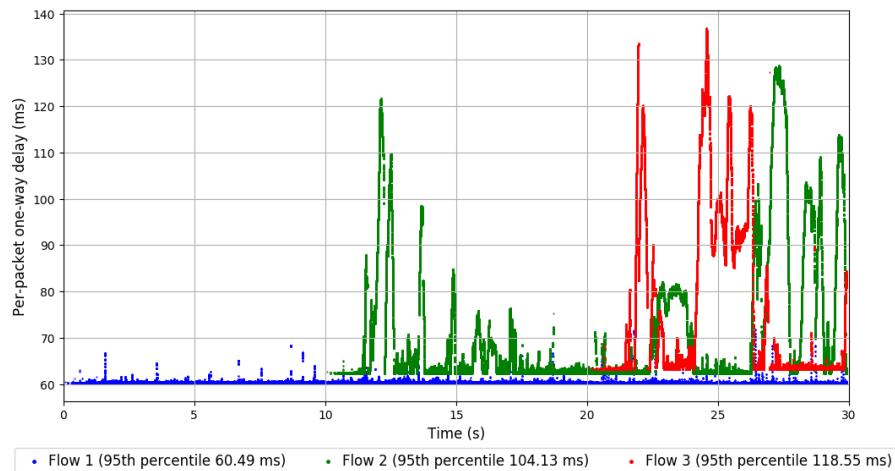
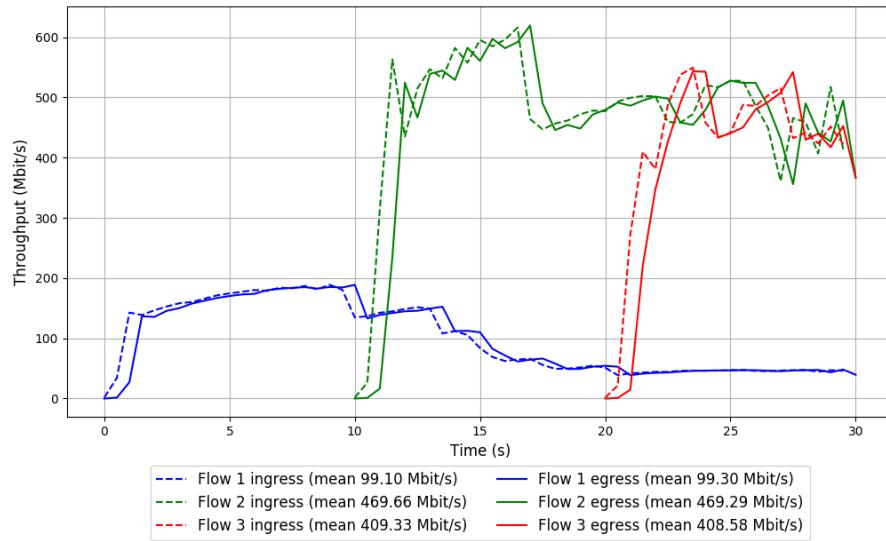


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2019-08-27 09:16:11
End at: 2019-08-27 09:16:41
Local clock offset: -0.005 ms
Remote clock offset: 0.023 ms

# Below is generated by plot.py at 2019-08-27 13:11:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 545.82 Mbit/s
95th percentile per-packet one-way delay: 107.176 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 99.30 Mbit/s
95th percentile per-packet one-way delay: 60.489 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 469.29 Mbit/s
95th percentile per-packet one-way delay: 104.129 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 408.58 Mbit/s
95th percentile per-packet one-way delay: 118.546 ms
Loss rate: 1.45%
```

Run 1: Report of TCP Cubic — Data Link

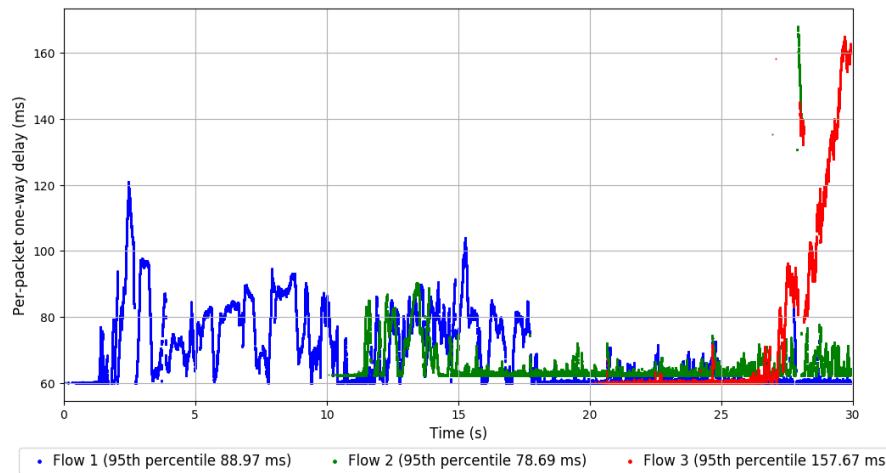
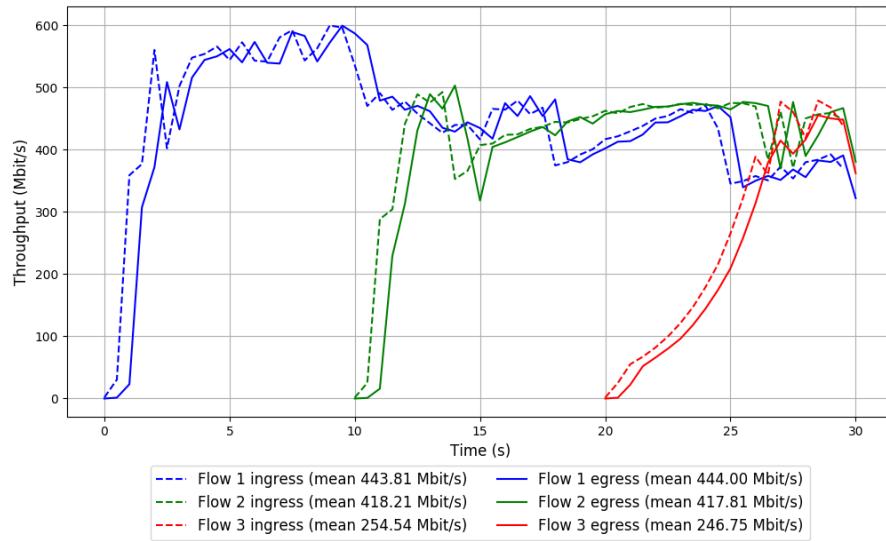


Run 2: Statistics of TCP Cubic

```
Start at: 2019-08-27 09:56:46
End at: 2019-08-27 09:57:16
Local clock offset: -0.146 ms
Remote clock offset: -0.113 ms

# Below is generated by plot.py at 2019-08-27 13:11:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 802.83 Mbit/s
95th percentile per-packet one-way delay: 94.574 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 444.00 Mbit/s
95th percentile per-packet one-way delay: 88.975 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 417.81 Mbit/s
95th percentile per-packet one-way delay: 78.689 ms
Loss rate: 0.73%
-- Flow 3:
Average throughput: 246.75 Mbit/s
95th percentile per-packet one-way delay: 157.669 ms
Loss rate: 4.26%
```

Run 2: Report of TCP Cubic — Data Link

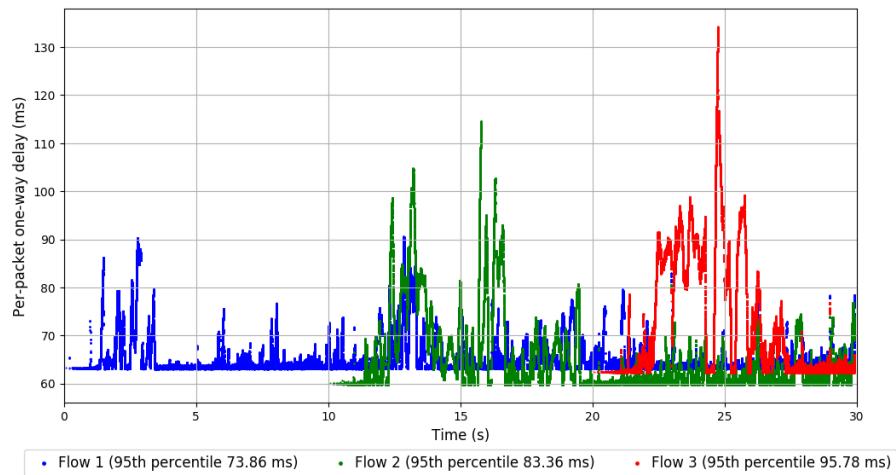
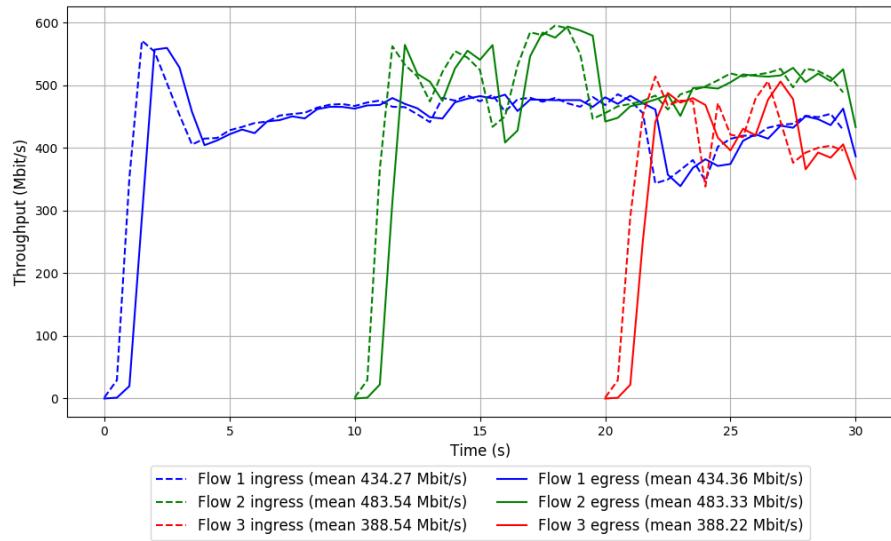


Run 3: Statistics of TCP Cubic

```
Start at: 2019-08-27 10:37:21
End at: 2019-08-27 10:37:51
Local clock offset: -0.159 ms
Remote clock offset: -0.967 ms

# Below is generated by plot.py at 2019-08-27 13:11:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 883.72 Mbit/s
95th percentile per-packet one-way delay: 86.356 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 434.36 Mbit/s
95th percentile per-packet one-way delay: 73.856 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 483.33 Mbit/s
95th percentile per-packet one-way delay: 83.365 ms
Loss rate: 0.65%
-- Flow 3:
Average throughput: 388.22 Mbit/s
95th percentile per-packet one-way delay: 95.777 ms
Loss rate: 1.32%
```

Run 3: Report of TCP Cubic — Data Link

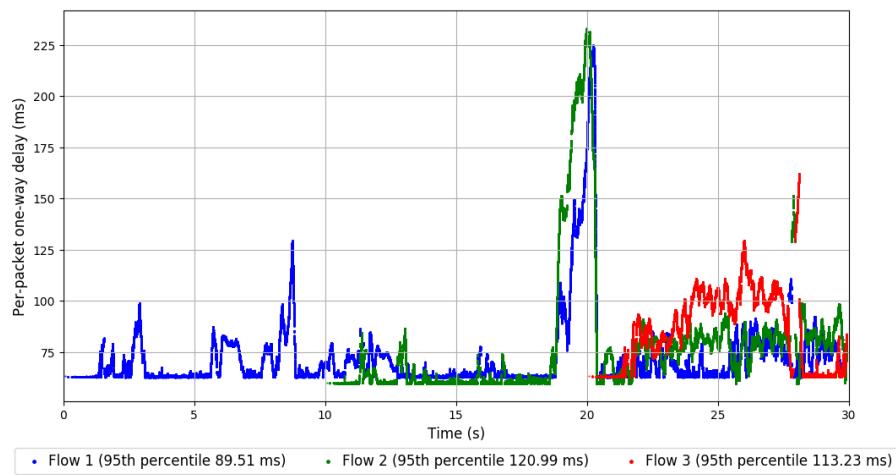
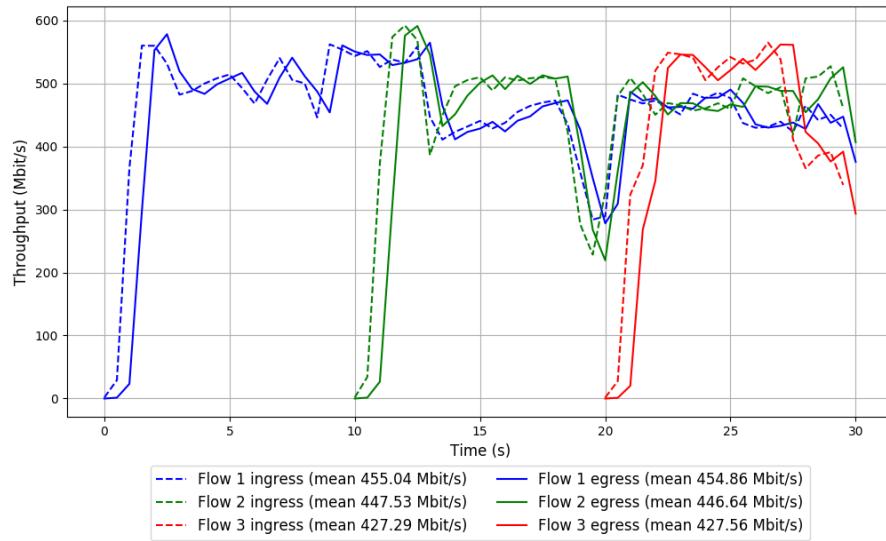


Run 4: Statistics of TCP Cubic

```
Start at: 2019-08-27 11:18:27
End at: 2019-08-27 11:18:57
Local clock offset: 0.045 ms
Remote clock offset: -0.032 ms

# Below is generated by plot.py at 2019-08-27 13:12:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 892.75 Mbit/s
95th percentile per-packet one-way delay: 107.302 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 454.86 Mbit/s
95th percentile per-packet one-way delay: 89.508 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 446.64 Mbit/s
95th percentile per-packet one-way delay: 120.992 ms
Loss rate: 0.80%
-- Flow 3:
Average throughput: 427.56 Mbit/s
95th percentile per-packet one-way delay: 113.232 ms
Loss rate: 1.17%
```

Run 4: Report of TCP Cubic — Data Link

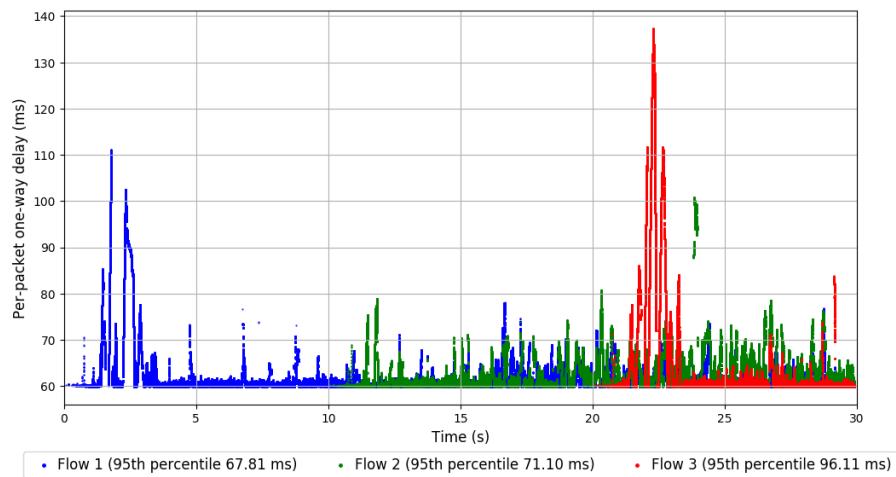
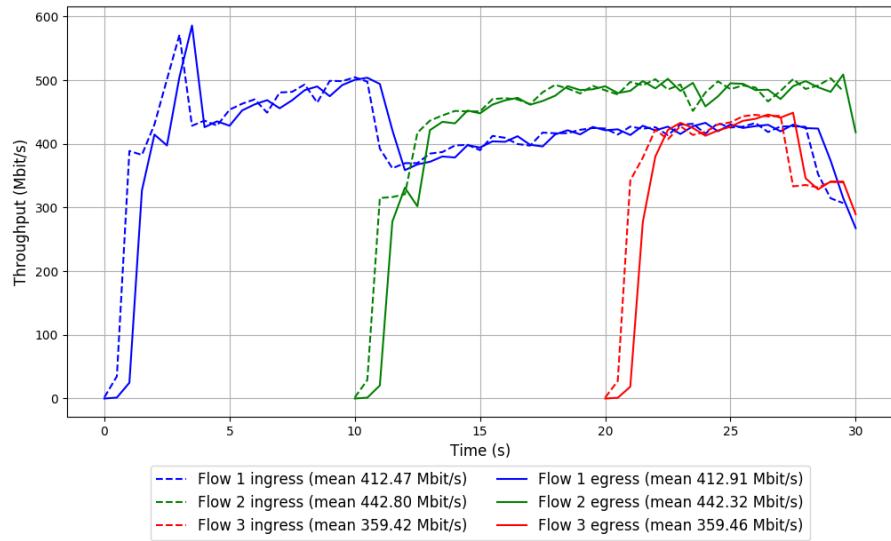


Run 5: Statistics of TCP Cubic

```
Start at: 2019-08-27 11:59:23
End at: 2019-08-27 11:59:53
Local clock offset: 0.001 ms
Remote clock offset: -0.085 ms

# Below is generated by plot.py at 2019-08-27 13:12:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 825.45 Mbit/s
95th percentile per-packet one-way delay: 71.568 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 412.91 Mbit/s
95th percentile per-packet one-way delay: 67.805 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 442.32 Mbit/s
95th percentile per-packet one-way delay: 71.103 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 359.46 Mbit/s
95th percentile per-packet one-way delay: 96.115 ms
Loss rate: 1.20%
```

Run 5: Report of TCP Cubic — Data Link

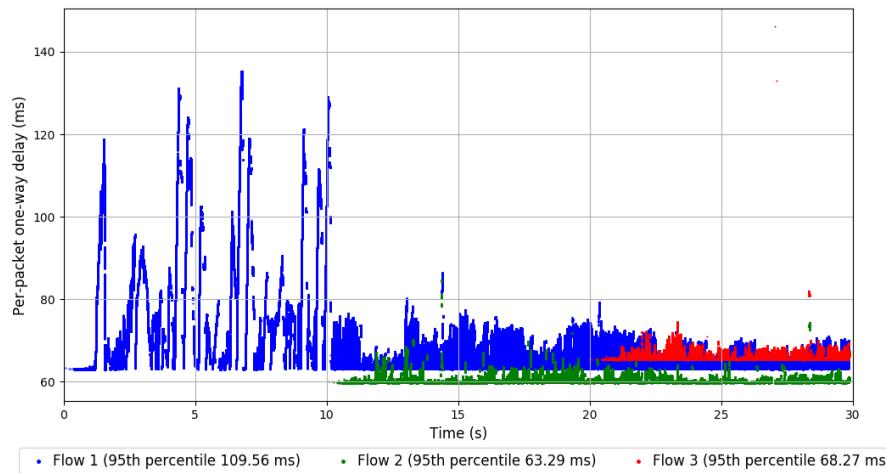
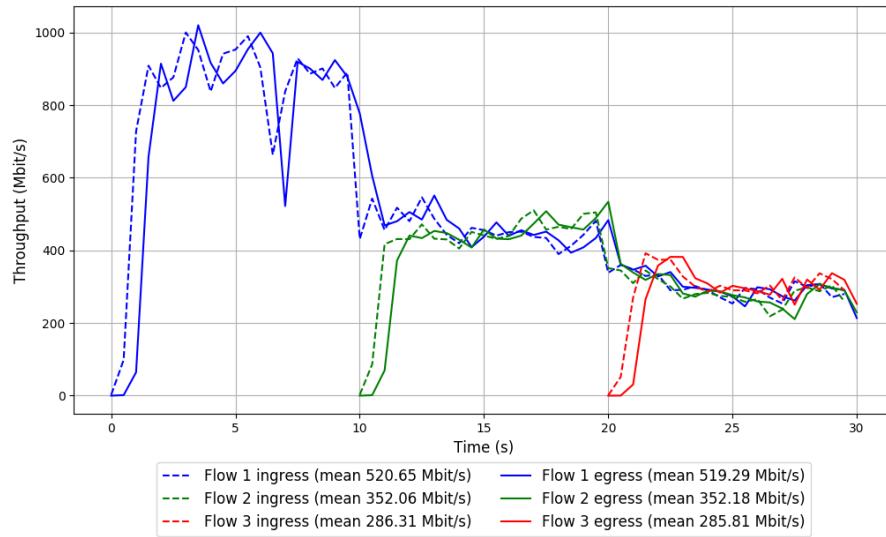


```
Run 1: Statistics of FillP

Start at: 2019-08-27 09:24:33
End at: 2019-08-27 09:25:03
Local clock offset: -0.008 ms
Remote clock offset: 0.238 ms

# Below is generated by plot.py at 2019-08-27 13:15:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 846.77 Mbit/s
95th percentile per-packet one-way delay: 97.450 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 519.29 Mbit/s
95th percentile per-packet one-way delay: 109.558 ms
Loss rate: 0.72%
-- Flow 2:
Average throughput: 352.18 Mbit/s
95th percentile per-packet one-way delay: 63.287 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 285.81 Mbit/s
95th percentile per-packet one-way delay: 68.271 ms
Loss rate: 1.55%
```

Run 1: Report of FillP — Data Link

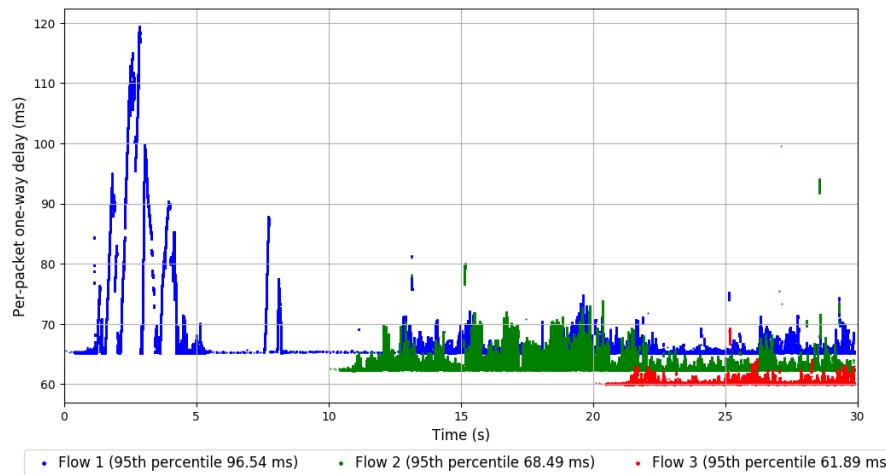
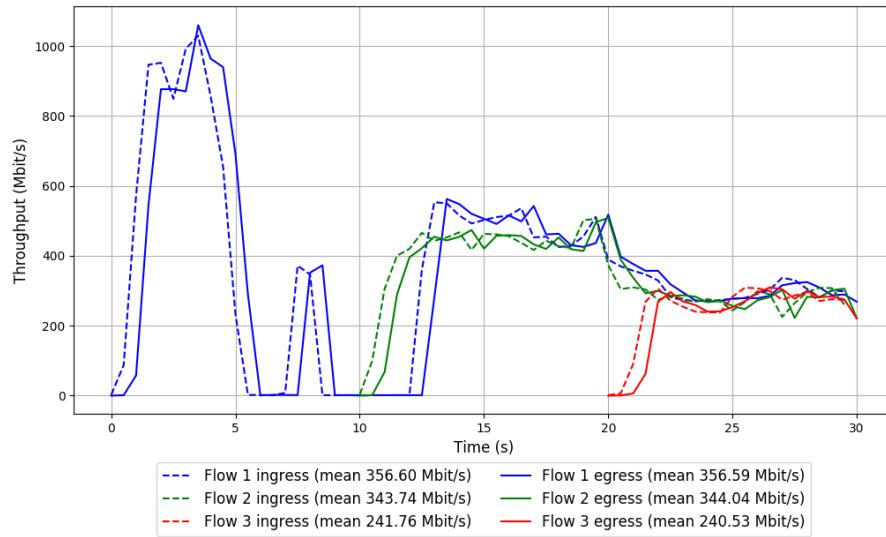


Run 2: Statistics of FillP

```
Start at: 2019-08-27 10:05:21
End at: 2019-08-27 10:05:51
Local clock offset: -0.16 ms
Remote clock offset: -0.115 ms

# Below is generated by plot.py at 2019-08-27 13:18:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 664.14 Mbit/s
95th percentile per-packet one-way delay: 88.341 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 356.59 Mbit/s
95th percentile per-packet one-way delay: 96.544 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 344.04 Mbit/s
95th percentile per-packet one-way delay: 68.490 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 240.53 Mbit/s
95th percentile per-packet one-way delay: 61.887 ms
Loss rate: 1.67%
```

Run 2: Report of FillP — Data Link

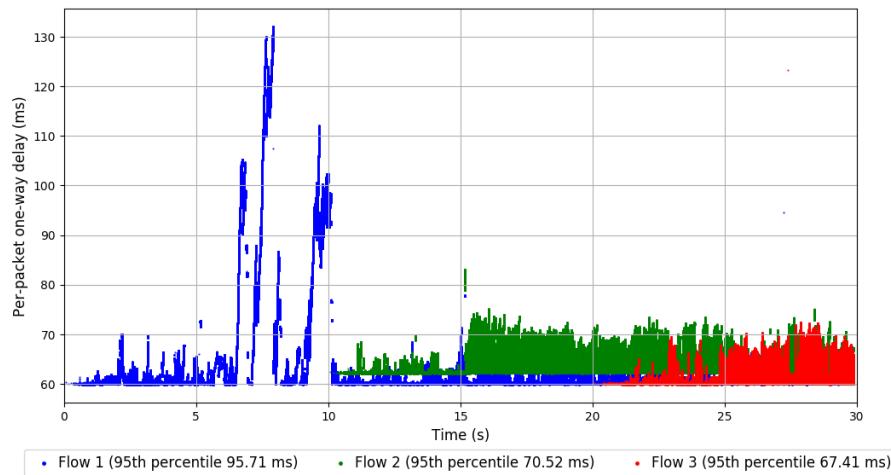
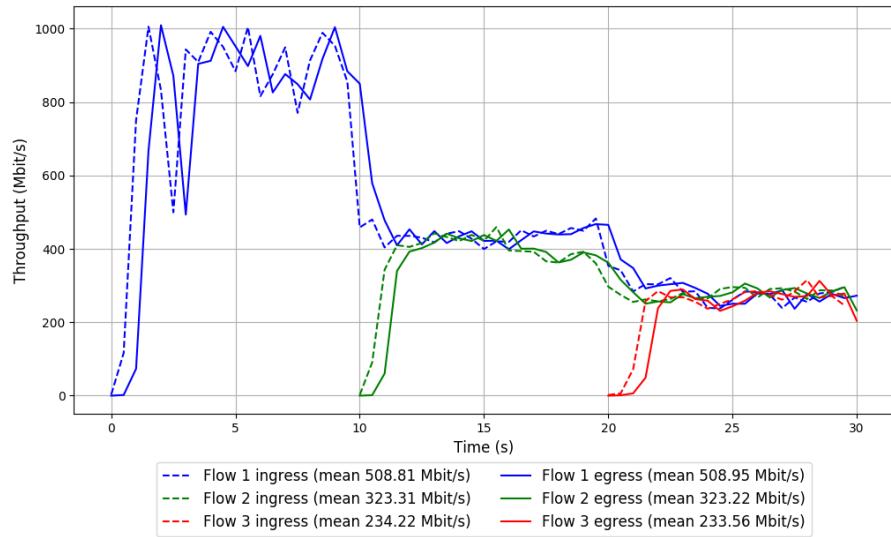


Run 3: Statistics of FillP

```
Start at: 2019-08-27 10:45:59
End at: 2019-08-27 10:46:29
Local clock offset: -0.132 ms
Remote clock offset: -0.568 ms

# Below is generated by plot.py at 2019-08-27 13:26:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 800.18 Mbit/s
95th percentile per-packet one-way delay: 87.483 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 508.95 Mbit/s
95th percentile per-packet one-way delay: 95.712 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 323.22 Mbit/s
95th percentile per-packet one-way delay: 70.519 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 233.56 Mbit/s
95th percentile per-packet one-way delay: 67.405 ms
Loss rate: 1.63%
```

Run 3: Report of FillP — Data Link

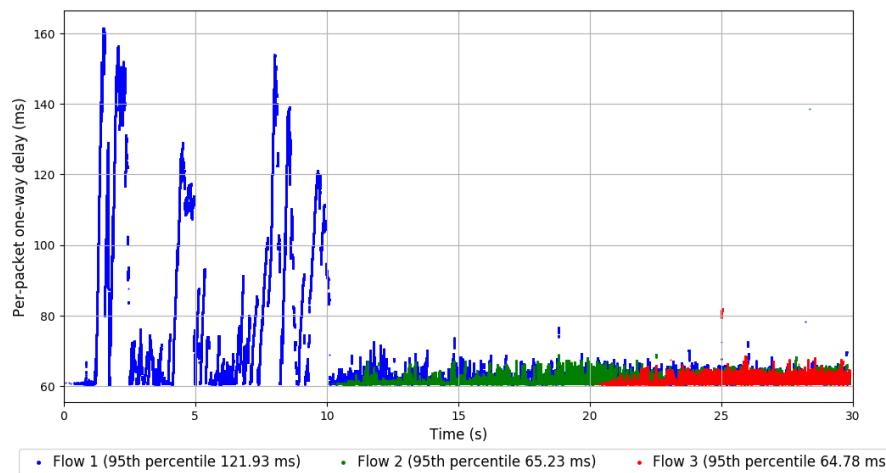
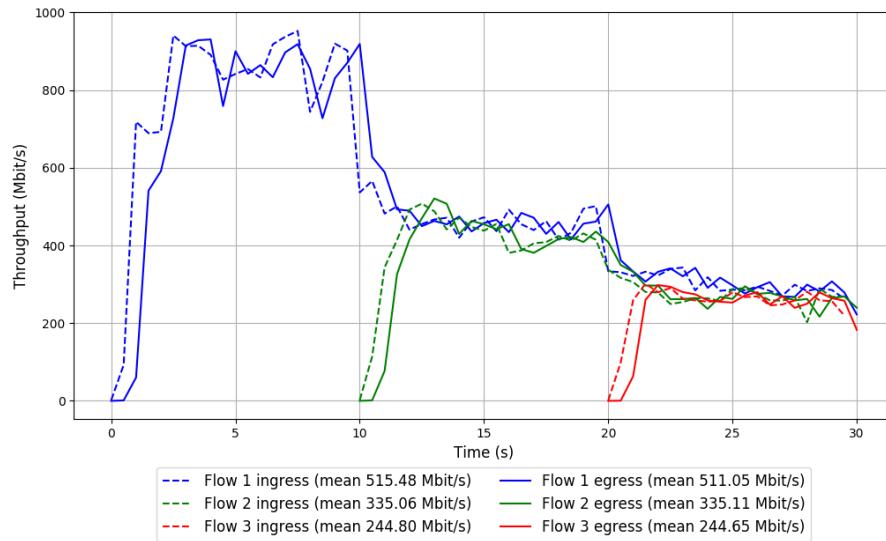


Run 4: Statistics of FillP

```
Start at: 2019-08-27 11:27:04
End at: 2019-08-27 11:27:34
Local clock offset: 0.119 ms
Remote clock offset: -0.787 ms

# Below is generated by plot.py at 2019-08-27 13:28:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 813.67 Mbit/s
95th percentile per-packet one-way delay: 112.754 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 511.05 Mbit/s
95th percentile per-packet one-way delay: 121.931 ms
Loss rate: 1.22%
-- Flow 2:
Average throughput: 335.11 Mbit/s
95th percentile per-packet one-way delay: 65.228 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 244.65 Mbit/s
95th percentile per-packet one-way delay: 64.782 ms
Loss rate: 1.47%
```

Run 4: Report of FillP — Data Link

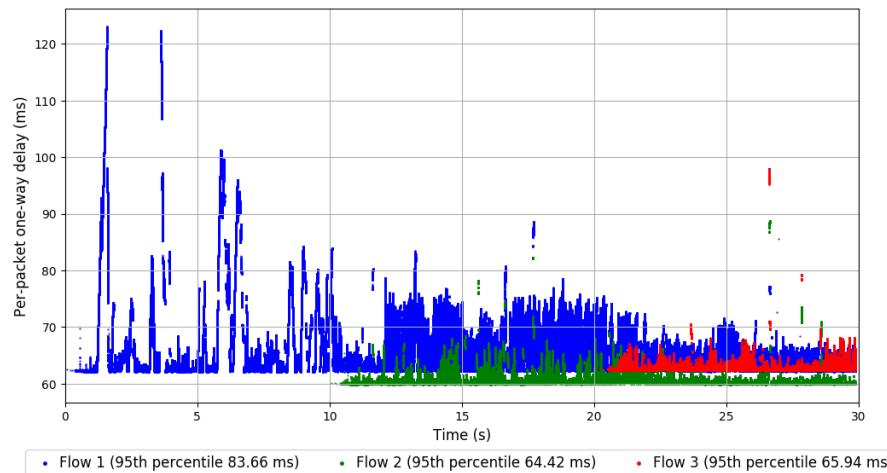
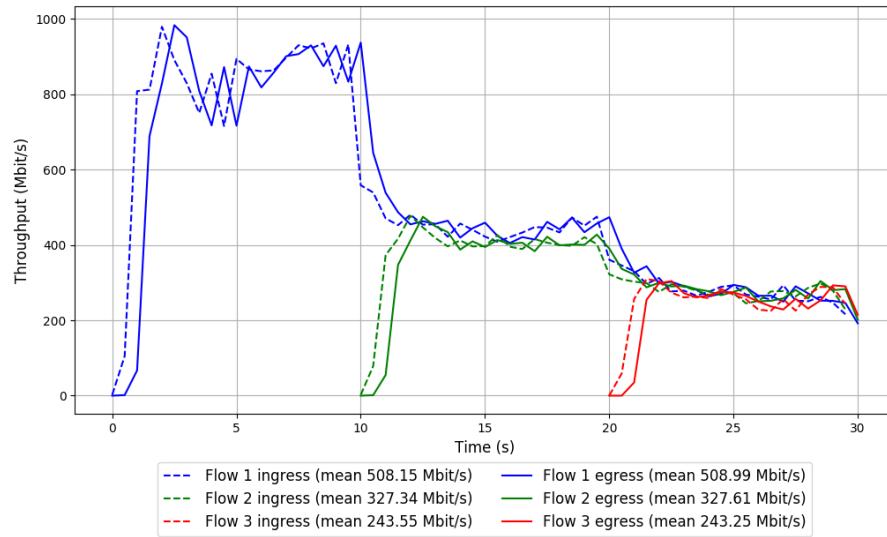


Run 5: Statistics of FillP

```
Start at: 2019-08-27 12:07:57
End at: 2019-08-27 12:08:27
Local clock offset: -0.027 ms
Remote clock offset: -0.036 ms

# Below is generated by plot.py at 2019-08-27 13:28:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 806.32 Mbit/s
95th percentile per-packet one-way delay: 79.094 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 508.99 Mbit/s
95th percentile per-packet one-way delay: 83.655 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 327.61 Mbit/s
95th percentile per-packet one-way delay: 64.422 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 243.25 Mbit/s
95th percentile per-packet one-way delay: 65.941 ms
Loss rate: 1.19%
```

Run 5: Report of FillP — Data Link

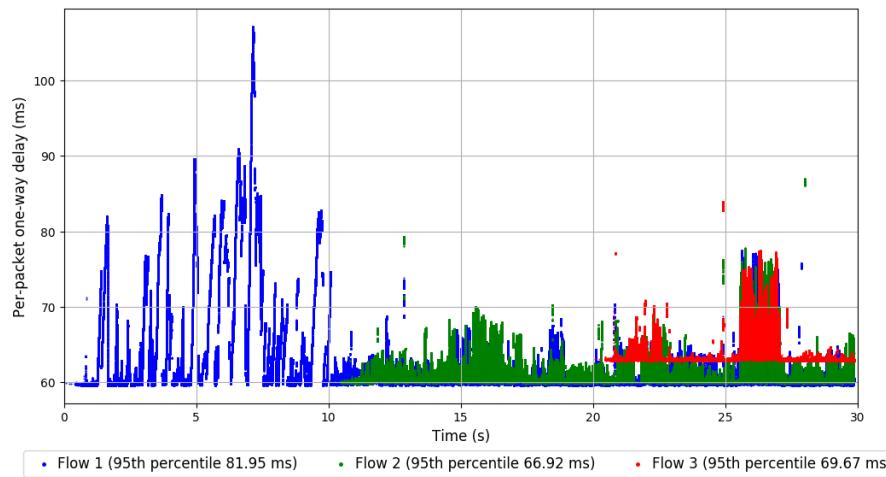
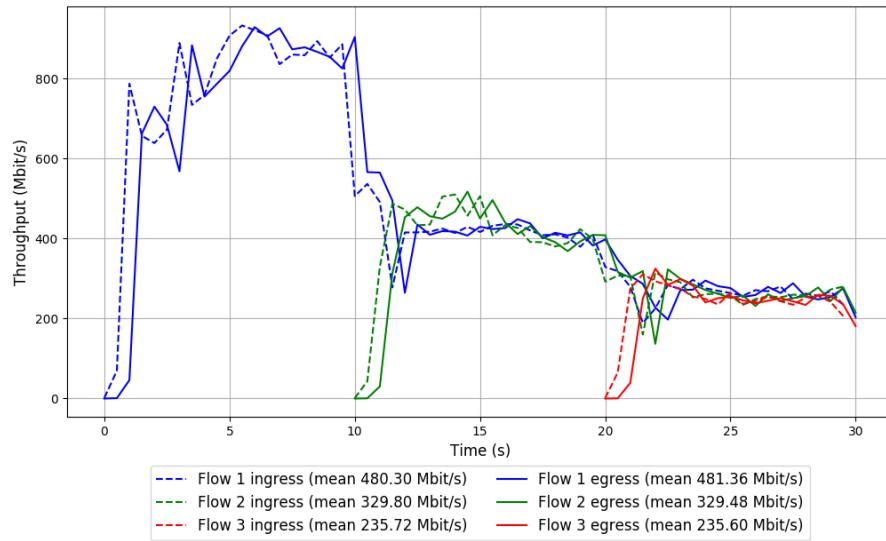


Run 1: Statistics of FillP-Sheep

```
Start at: 2019-08-27 09:17:53
End at: 2019-08-27 09:18:23
Local clock offset: -0.005 ms
Remote clock offset: 0.094 ms

# Below is generated by plot.py at 2019-08-27 13:28:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 777.41 Mbit/s
95th percentile per-packet one-way delay: 80.225 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 481.36 Mbit/s
95th percentile per-packet one-way delay: 81.946 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 329.48 Mbit/s
95th percentile per-packet one-way delay: 66.917 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 235.60 Mbit/s
95th percentile per-packet one-way delay: 69.670 ms
Loss rate: 1.32%
```

Run 1: Report of FillP-Sheep — Data Link

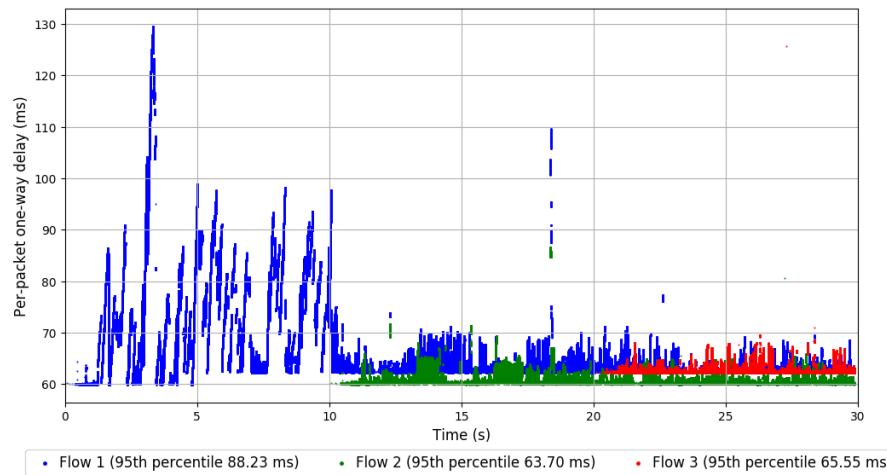
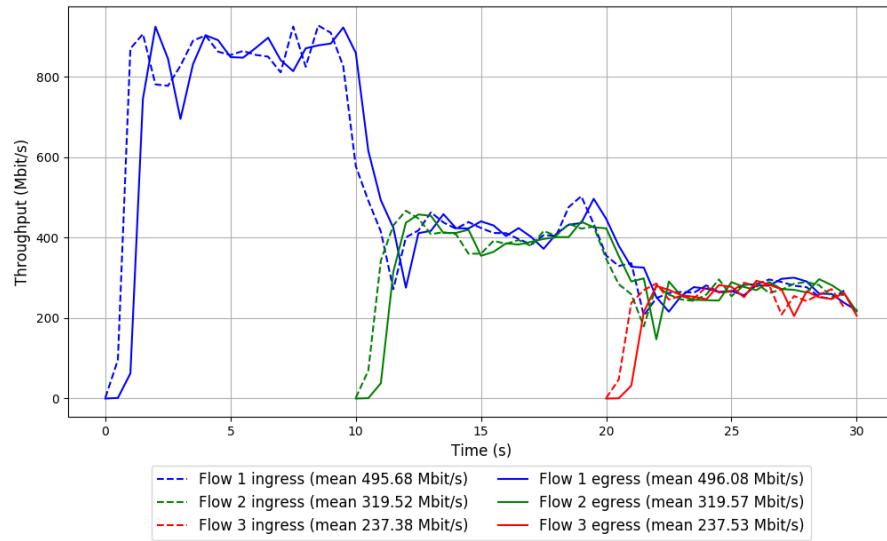


Run 2: Statistics of FillP-Sheep

```
Start at: 2019-08-27 09:58:40
End at: 2019-08-27 09:59:10
Local clock offset: -0.16 ms
Remote clock offset: -0.089 ms

# Below is generated by plot.py at 2019-08-27 13:28:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 786.08 Mbit/s
95th percentile per-packet one-way delay: 85.281 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 496.08 Mbit/s
95th percentile per-packet one-way delay: 88.227 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 319.57 Mbit/s
95th percentile per-packet one-way delay: 63.703 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 237.53 Mbit/s
95th percentile per-packet one-way delay: 65.554 ms
Loss rate: 1.25%
```

Run 2: Report of FillP-Sheep — Data Link

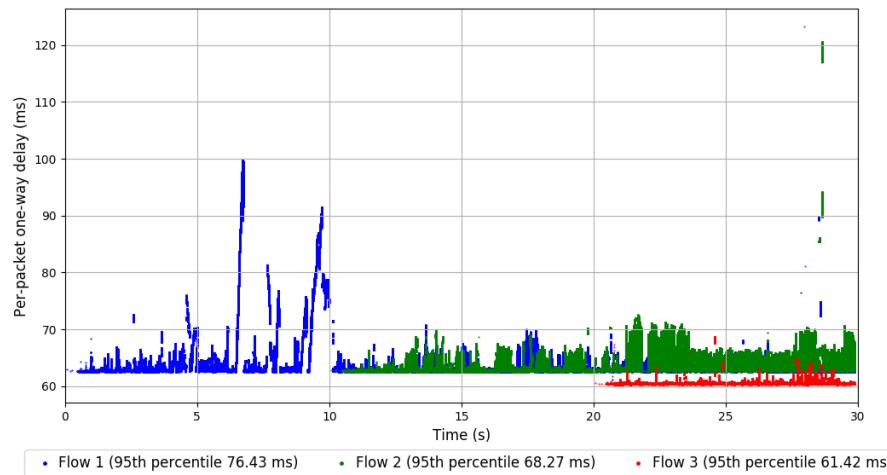
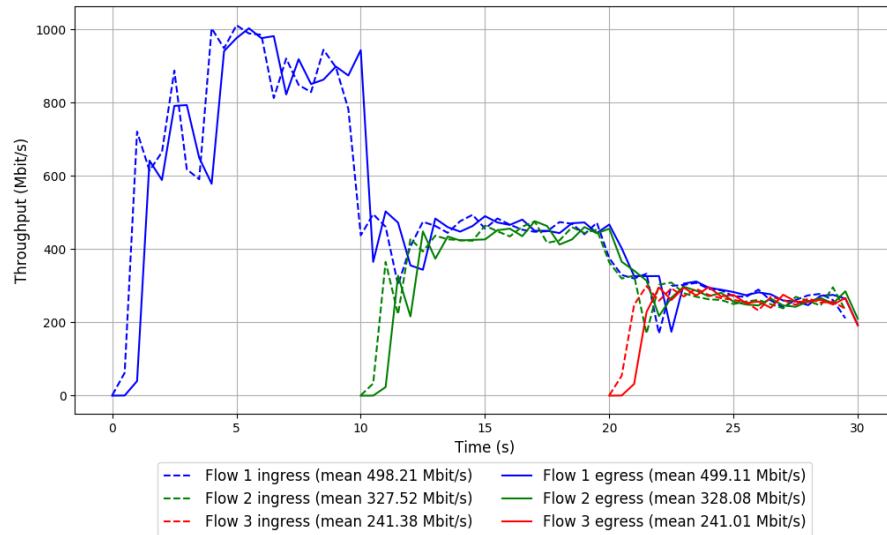


Run 3: Statistics of FillP-Sheep

```
Start at: 2019-08-27 10:39:18
End at: 2019-08-27 10:39:48
Local clock offset: -0.183 ms
Remote clock offset: -1.24 ms

# Below is generated by plot.py at 2019-08-27 13:29:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 796.30 Mbit/s
95th percentile per-packet one-way delay: 71.930 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 499.11 Mbit/s
95th percentile per-packet one-way delay: 76.427 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 328.08 Mbit/s
95th percentile per-packet one-way delay: 68.267 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 241.01 Mbit/s
95th percentile per-packet one-way delay: 61.425 ms
Loss rate: 1.35%
```

Run 3: Report of FillP-Sheep — Data Link

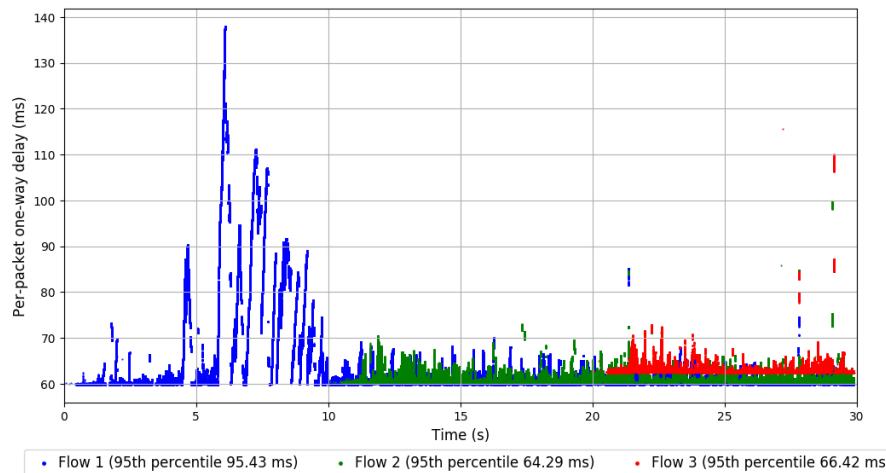
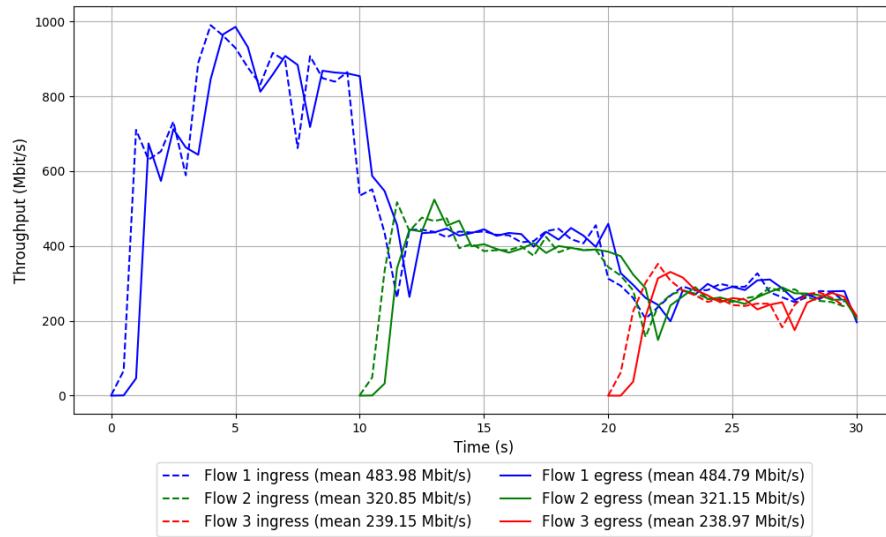


Run 4: Statistics of FillP-Sheep

```
Start at: 2019-08-27 11:20:25
End at: 2019-08-27 11:20:55
Local clock offset: 0.089 ms
Remote clock offset: -0.155 ms

# Below is generated by plot.py at 2019-08-27 13:32:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 776.33 Mbit/s
95th percentile per-packet one-way delay: 86.708 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 484.79 Mbit/s
95th percentile per-packet one-way delay: 95.427 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 321.15 Mbit/s
95th percentile per-packet one-way delay: 64.291 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 238.97 Mbit/s
95th percentile per-packet one-way delay: 66.422 ms
Loss rate: 1.42%
```

Run 4: Report of FillP-Sheep — Data Link

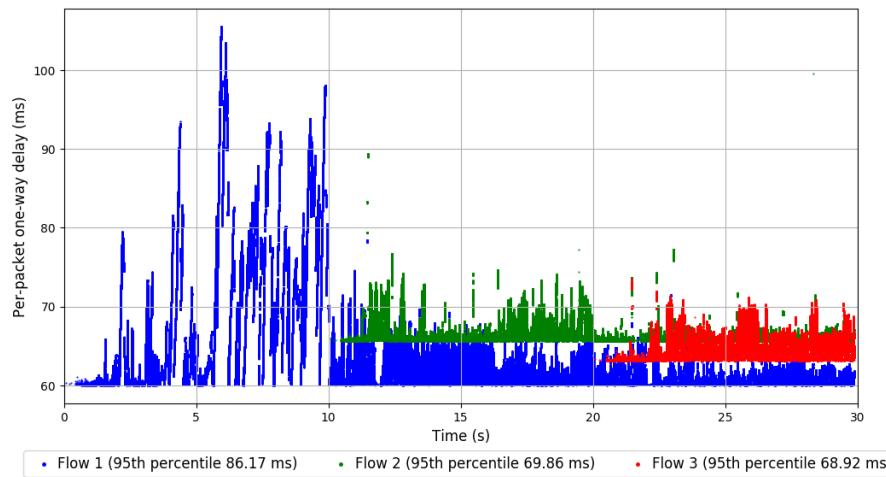
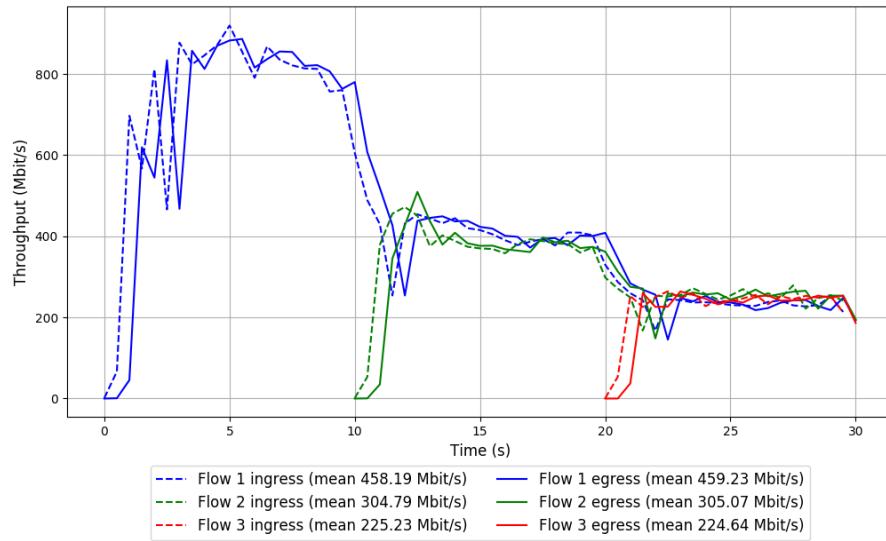


Run 5: Statistics of FillP-Sheep

```
Start at: 2019-08-27 12:01:18
End at: 2019-08-27 12:01:48
Local clock offset: -0.023 ms
Remote clock offset: -0.155 ms

# Below is generated by plot.py at 2019-08-27 13:35:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 735.32 Mbit/s
95th percentile per-packet one-way delay: 81.772 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 459.23 Mbit/s
95th percentile per-packet one-way delay: 86.172 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 305.07 Mbit/s
95th percentile per-packet one-way delay: 69.855 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 224.64 Mbit/s
95th percentile per-packet one-way delay: 68.919 ms
Loss rate: 1.36%
```

Run 5: Report of FillP-Sheep — Data Link

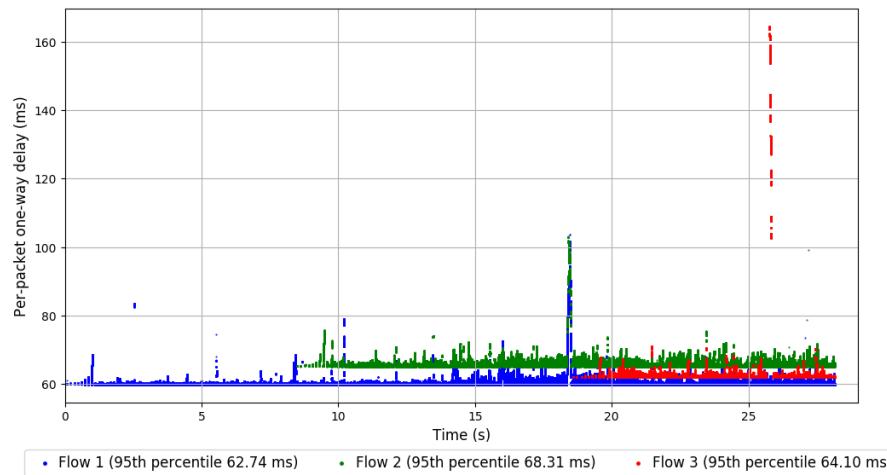
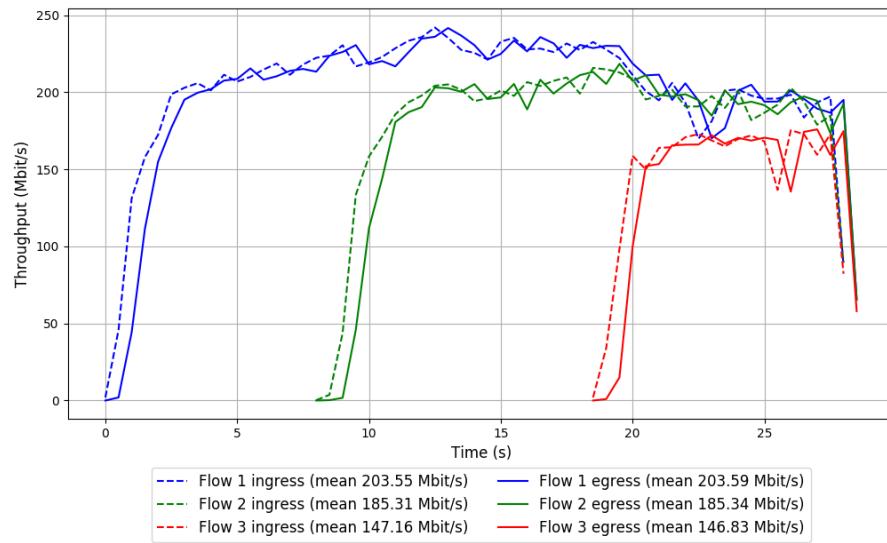


Run 1: Statistics of Indigo

```
Start at: 2019-08-27 09:28:05
End at: 2019-08-27 09:28:35
Local clock offset: 0.026 ms
Remote clock offset: 0.147 ms

# Below is generated by plot.py at 2019-08-27 13:39:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 383.36 Mbit/s
95th percentile per-packet one-way delay: 67.075 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 203.59 Mbit/s
95th percentile per-packet one-way delay: 62.744 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 185.34 Mbit/s
95th percentile per-packet one-way delay: 68.311 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 146.83 Mbit/s
95th percentile per-packet one-way delay: 64.100 ms
Loss rate: 1.51%
```

Run 1: Report of Indigo — Data Link

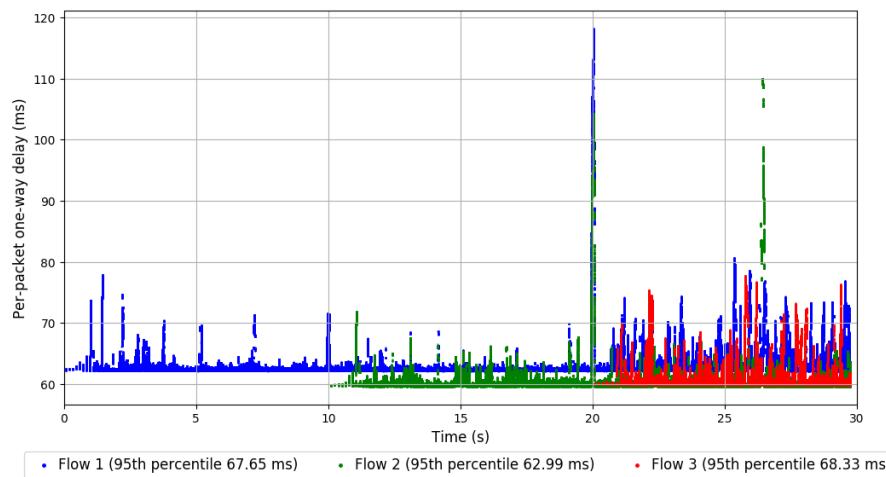
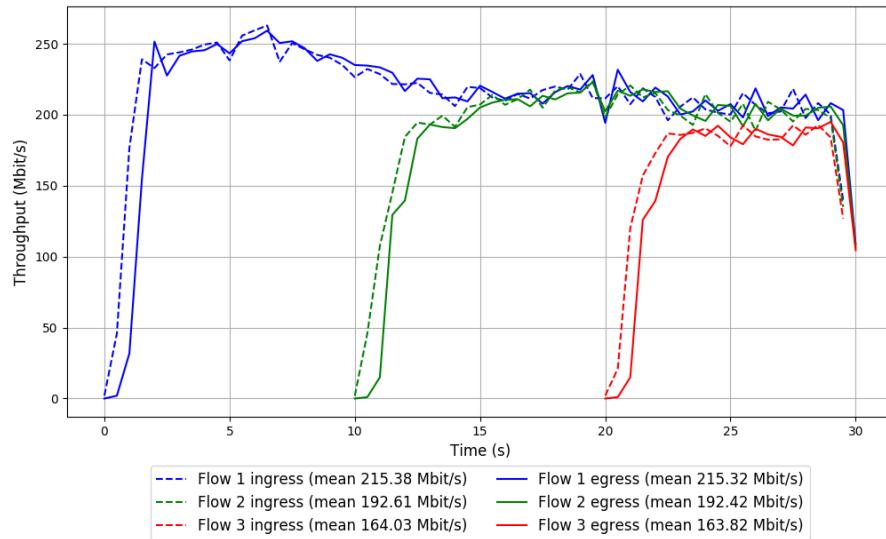


Run 2: Statistics of Indigo

```
Start at: 2019-08-27 10:08:39
End at: 2019-08-27 10:09:09
Local clock offset: -0.149 ms
Remote clock offset: -0.135 ms

# Below is generated by plot.py at 2019-08-27 13:41:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 395.94 Mbit/s
95th percentile per-packet one-way delay: 66.559 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 215.32 Mbit/s
95th percentile per-packet one-way delay: 67.651 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 192.42 Mbit/s
95th percentile per-packet one-way delay: 62.989 ms
Loss rate: 0.72%
-- Flow 3:
Average throughput: 163.82 Mbit/s
95th percentile per-packet one-way delay: 68.325 ms
Loss rate: 1.41%
```

Run 2: Report of Indigo — Data Link

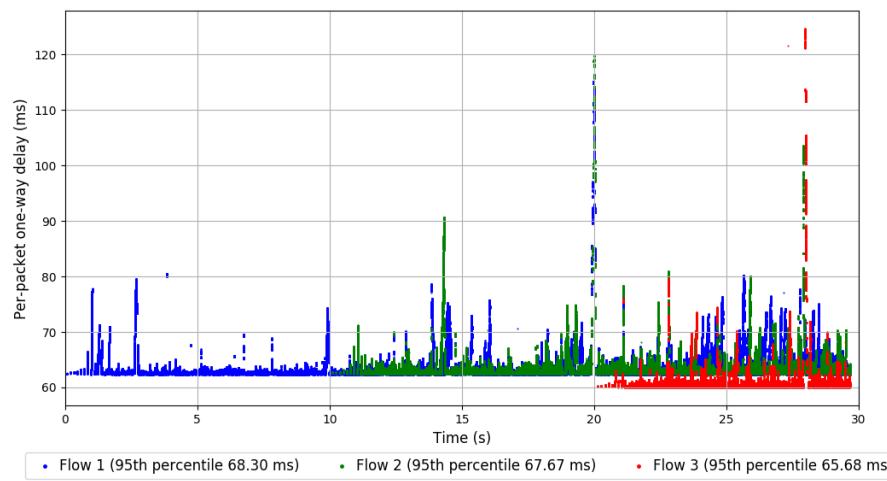
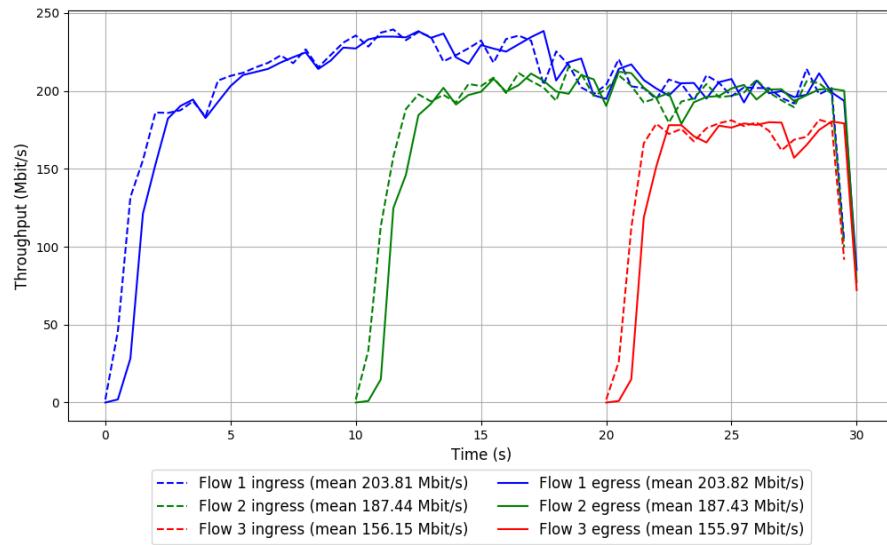


Run 3: Statistics of Indigo

```
Start at: 2019-08-27 10:49:34
End at: 2019-08-27 10:50:04
Local clock offset: -0.042 ms
Remote clock offset: -0.389 ms

# Below is generated by plot.py at 2019-08-27 13:41:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 377.97 Mbit/s
95th percentile per-packet one-way delay: 67.867 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 203.82 Mbit/s
95th percentile per-packet one-way delay: 68.302 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 187.43 Mbit/s
95th percentile per-packet one-way delay: 67.673 ms
Loss rate: 0.65%
-- Flow 3:
Average throughput: 155.97 Mbit/s
95th percentile per-packet one-way delay: 65.679 ms
Loss rate: 1.40%
```

Run 3: Report of Indigo — Data Link

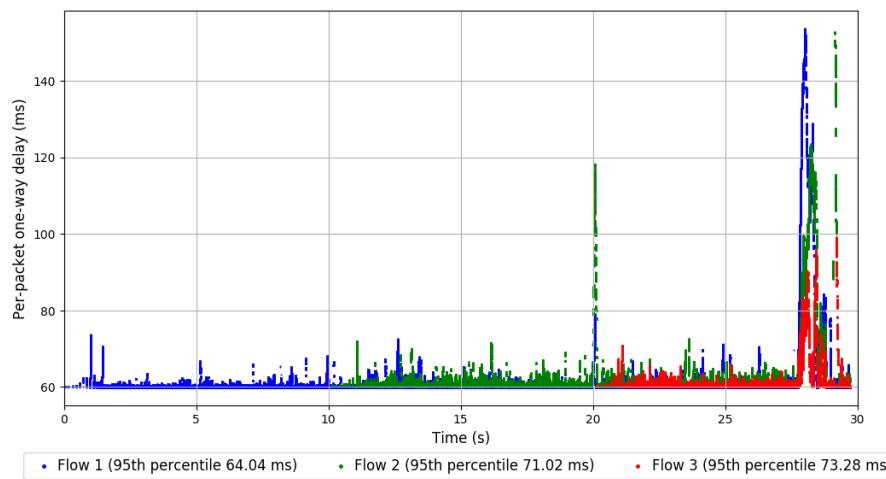
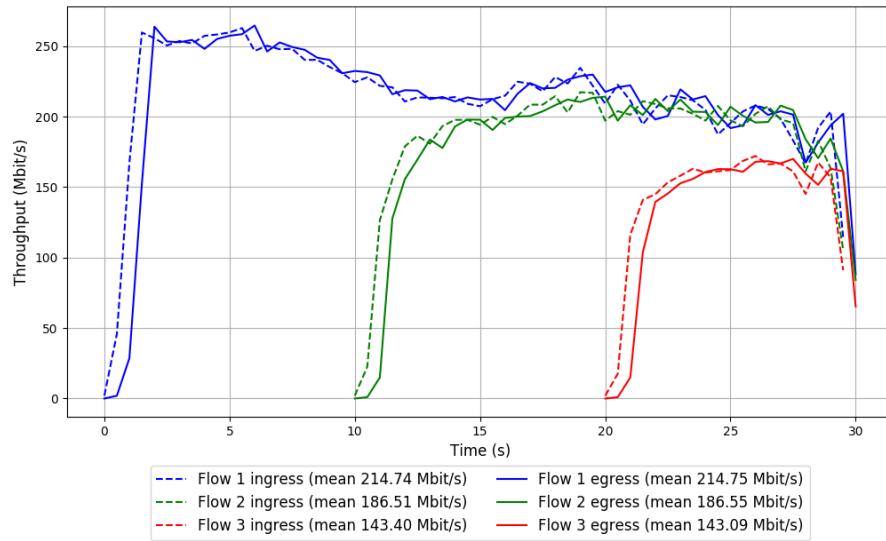


Run 4: Statistics of Indigo

```
Start at: 2019-08-27 11:30:38
End at: 2019-08-27 11:31:08
Local clock offset: 0.103 ms
Remote clock offset: -0.119 ms

# Below is generated by plot.py at 2019-08-27 13:41:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 383.96 Mbit/s
95th percentile per-packet one-way delay: 66.519 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 214.75 Mbit/s
95th percentile per-packet one-way delay: 64.037 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 186.55 Mbit/s
95th percentile per-packet one-way delay: 71.021 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 143.09 Mbit/s
95th percentile per-packet one-way delay: 73.279 ms
Loss rate: 1.47%
```

Run 4: Report of Indigo — Data Link

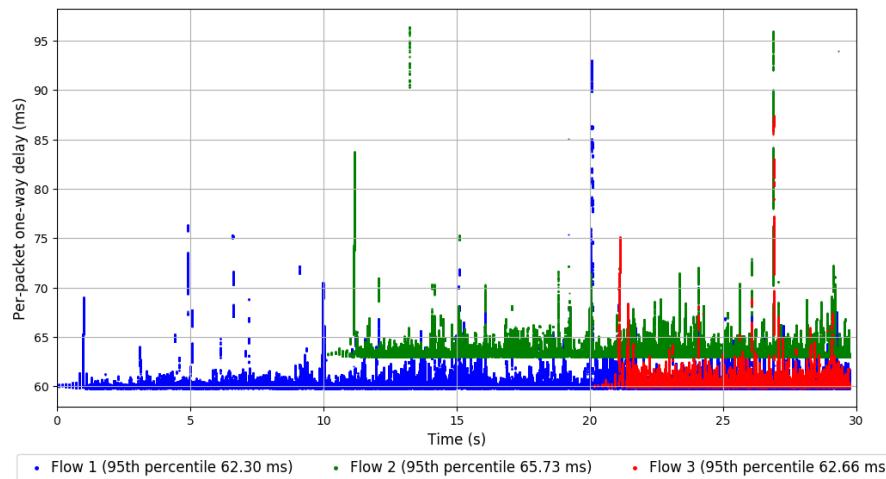
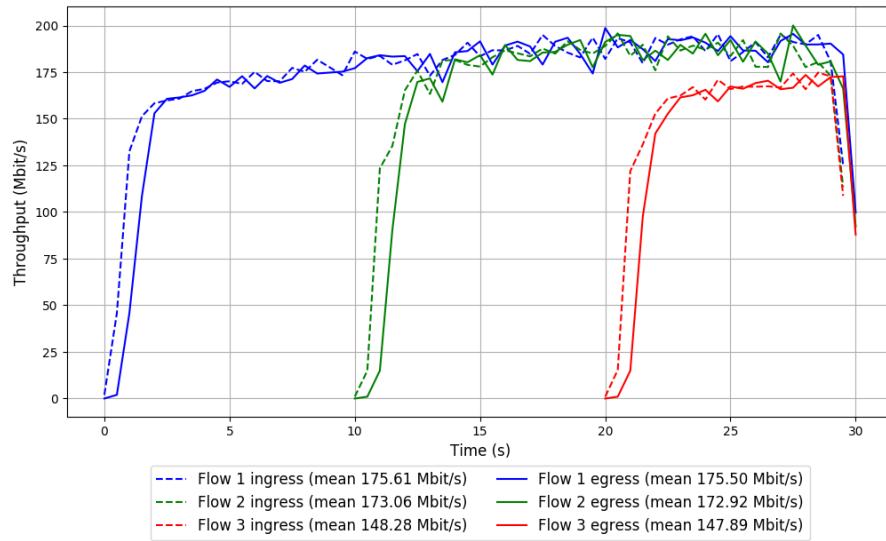


Run 5: Statistics of Indigo

```
Start at: 2019-08-27 12:11:28
End at: 2019-08-27 12:11:59
Local clock offset: -0.024 ms
Remote clock offset: -0.017 ms

# Below is generated by plot.py at 2019-08-27 13:41:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 337.26 Mbit/s
95th percentile per-packet one-way delay: 64.646 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 175.50 Mbit/s
95th percentile per-packet one-way delay: 62.299 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 172.92 Mbit/s
95th percentile per-packet one-way delay: 65.734 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 147.89 Mbit/s
95th percentile per-packet one-way delay: 62.663 ms
Loss rate: 1.49%
```

Run 5: Report of Indigo — Data Link

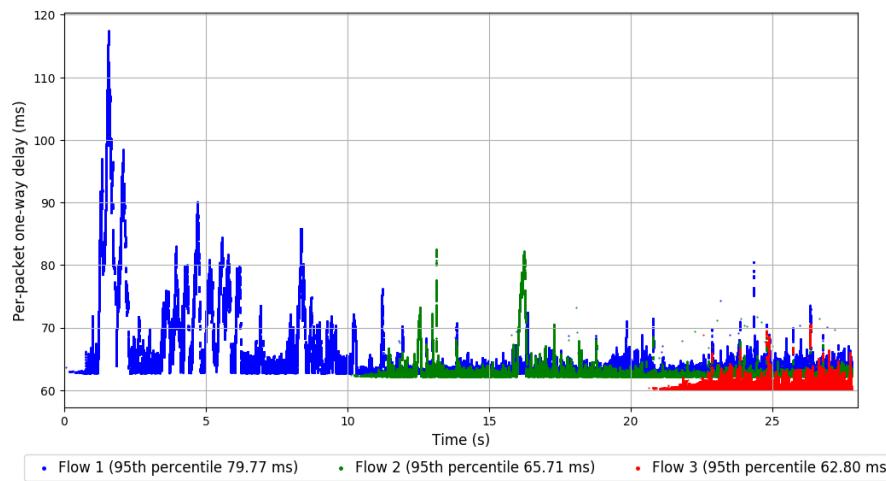
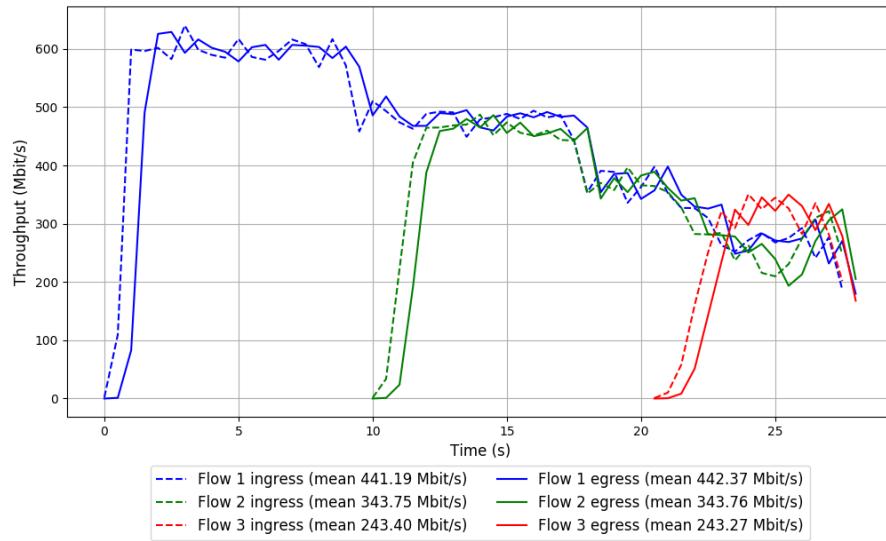


Run 1: Statistics of Indigo-MusesC3

```
Start at: 2019-08-27 09:03:40
End at: 2019-08-27 09:04:10
Local clock offset: -0.084 ms
Remote clock offset: -0.177 ms

# Below is generated by plot.py at 2019-08-27 13:41:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 724.34 Mbit/s
95th percentile per-packet one-way delay: 76.788 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 442.37 Mbit/s
95th percentile per-packet one-way delay: 79.769 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 343.76 Mbit/s
95th percentile per-packet one-way delay: 65.706 ms
Loss rate: 0.70%
-- Flow 3:
Average throughput: 243.27 Mbit/s
95th percentile per-packet one-way delay: 62.801 ms
Loss rate: 1.81%
```

Run 1: Report of Indigo-MusesC3 — Data Link

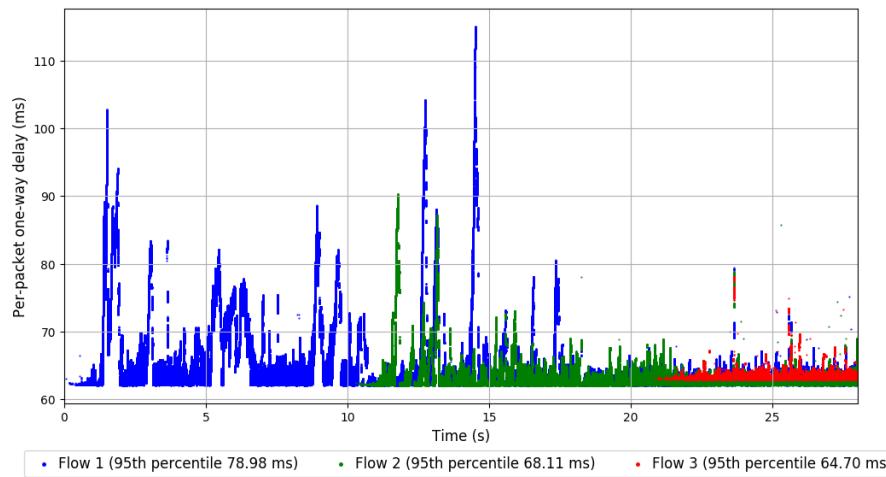
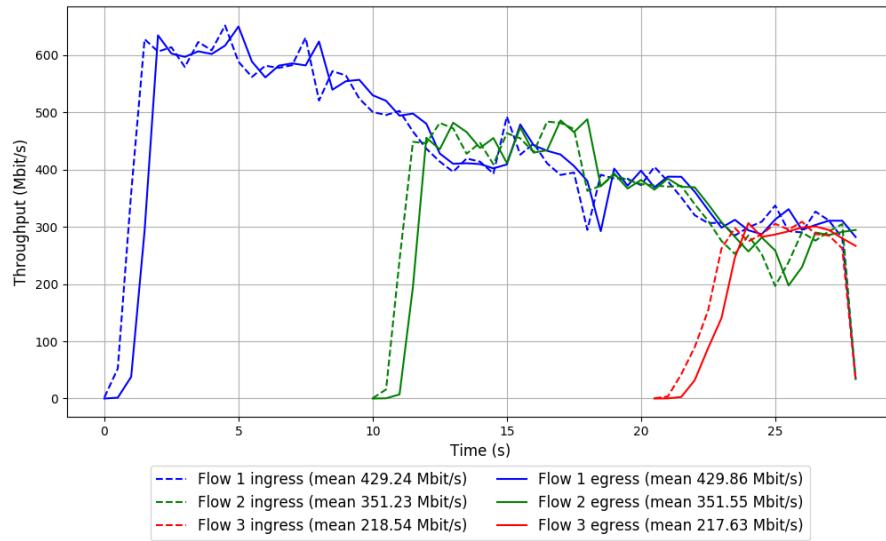


Run 2: Statistics of Indigo-MusesC3

```
Start at: 2019-08-27 09:44:16
End at: 2019-08-27 09:44:46
Local clock offset: -0.106 ms
Remote clock offset: -0.05 ms

# Below is generated by plot.py at 2019-08-27 13:45:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 708.32 Mbit/s
95th percentile per-packet one-way delay: 75.711 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 429.86 Mbit/s
95th percentile per-packet one-way delay: 78.982 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 351.55 Mbit/s
95th percentile per-packet one-way delay: 68.115 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 217.63 Mbit/s
95th percentile per-packet one-way delay: 64.700 ms
Loss rate: 2.15%
```

Run 2: Report of Indigo-MusesC3 — Data Link

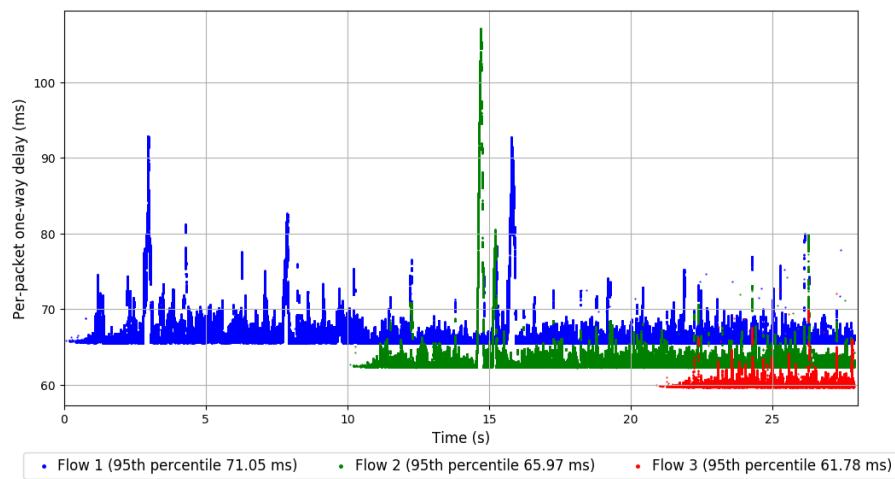
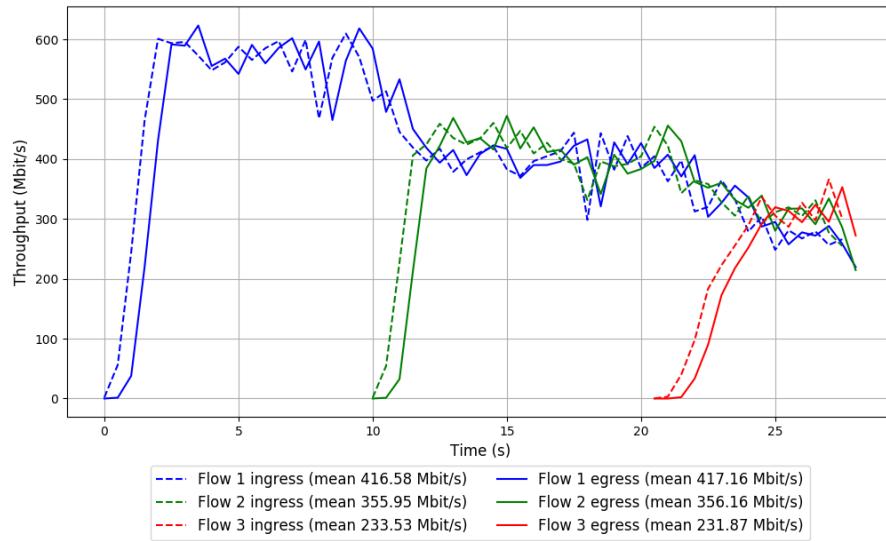


Run 3: Statistics of Indigo-MusesC3

```
Start at: 2019-08-27 10:24:45
End at: 2019-08-27 10:25:15
Local clock offset: -0.156 ms
Remote clock offset: -0.704 ms

# Below is generated by plot.py at 2019-08-27 13:48:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 702.86 Mbit/s
95th percentile per-packet one-way delay: 69.861 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 417.16 Mbit/s
95th percentile per-packet one-way delay: 71.047 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 356.16 Mbit/s
95th percentile per-packet one-way delay: 65.969 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 231.87 Mbit/s
95th percentile per-packet one-way delay: 61.777 ms
Loss rate: 2.41%
```

Run 3: Report of Indigo-MusesC3 — Data Link

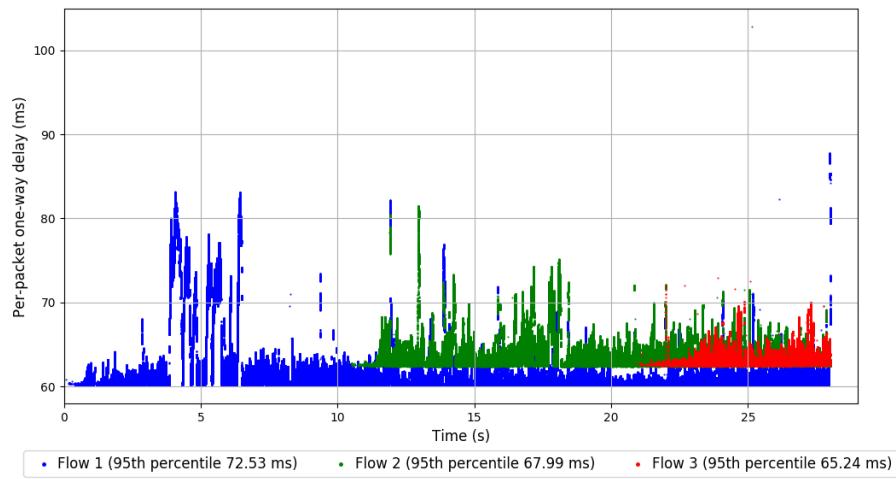
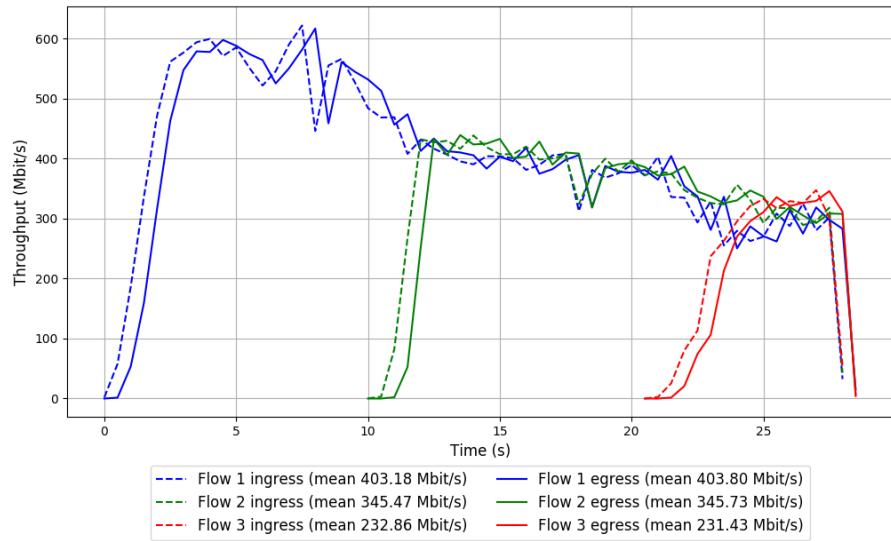


Run 4: Statistics of Indigo-MusesC3

```
Start at: 2019-08-27 11:05:48
End at: 2019-08-27 11:06:18
Local clock offset: 0.047 ms
Remote clock offset: -0.151 ms

# Below is generated by plot.py at 2019-08-27 13:51:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 680.09 Mbit/s
95th percentile per-packet one-way delay: 70.012 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 403.80 Mbit/s
95th percentile per-packet one-way delay: 72.528 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 345.73 Mbit/s
95th percentile per-packet one-way delay: 67.994 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 231.43 Mbit/s
95th percentile per-packet one-way delay: 65.236 ms
Loss rate: 2.38%
```

Run 4: Report of Indigo-MusesC3 — Data Link

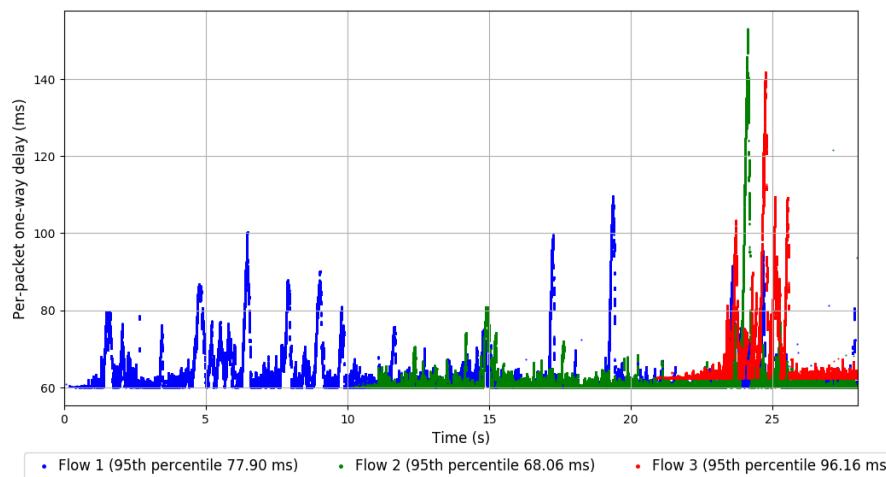
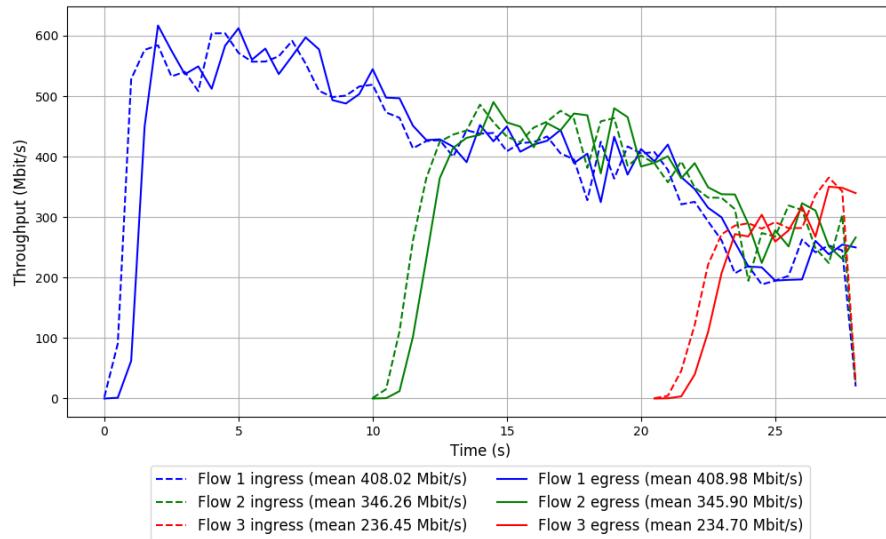


Run 5: Statistics of Indigo-MusesC3

```
Start at: 2019-08-27 11:46:46
End at: 2019-08-27 11:47:16
Local clock offset: 0.157 ms
Remote clock offset: -0.27 ms

# Below is generated by plot.py at 2019-08-27 13:52:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 690.05 Mbit/s
95th percentile per-packet one-way delay: 77.119 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 408.98 Mbit/s
95th percentile per-packet one-way delay: 77.897 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 345.90 Mbit/s
95th percentile per-packet one-way delay: 68.056 ms
Loss rate: 0.70%
-- Flow 3:
Average throughput: 234.70 Mbit/s
95th percentile per-packet one-way delay: 96.163 ms
Loss rate: 2.42%
```

Run 5: Report of Indigo-MusesC3 — Data Link

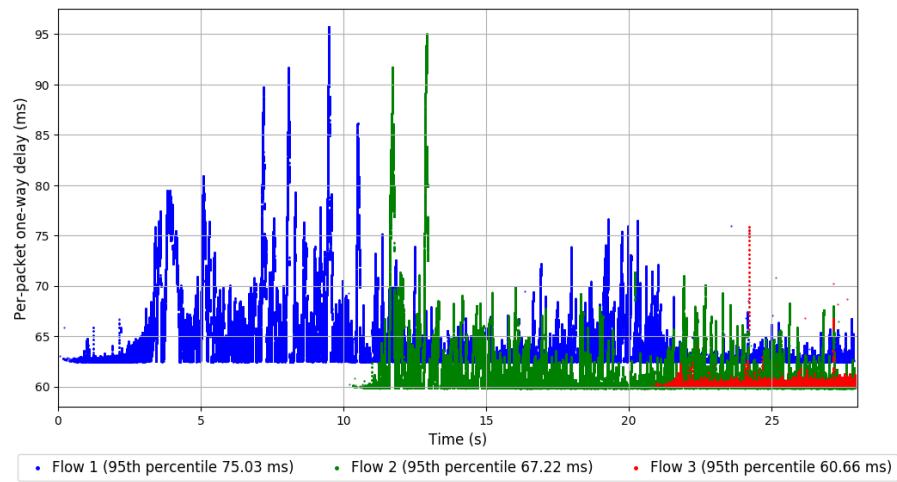
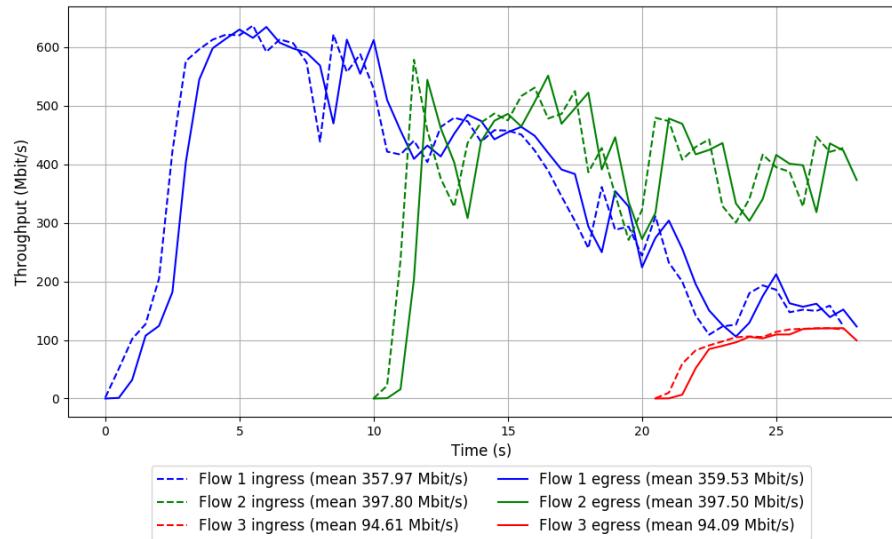


Run 1: Statistics of Indigo-MusesC5

```
Start at: 2019-08-27 09:12:40
End at: 2019-08-27 09:13:10
Local clock offset: -0.022 ms
Remote clock offset: -0.171 ms

# Below is generated by plot.py at 2019-08-27 13:52:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 635.68 Mbit/s
95th percentile per-packet one-way delay: 73.062 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 359.53 Mbit/s
95th percentile per-packet one-way delay: 75.035 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 397.50 Mbit/s
95th percentile per-packet one-way delay: 67.223 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 94.09 Mbit/s
95th percentile per-packet one-way delay: 60.665 ms
Loss rate: 2.33%
```

Run 1: Report of Indigo-MusesC5 — Data Link

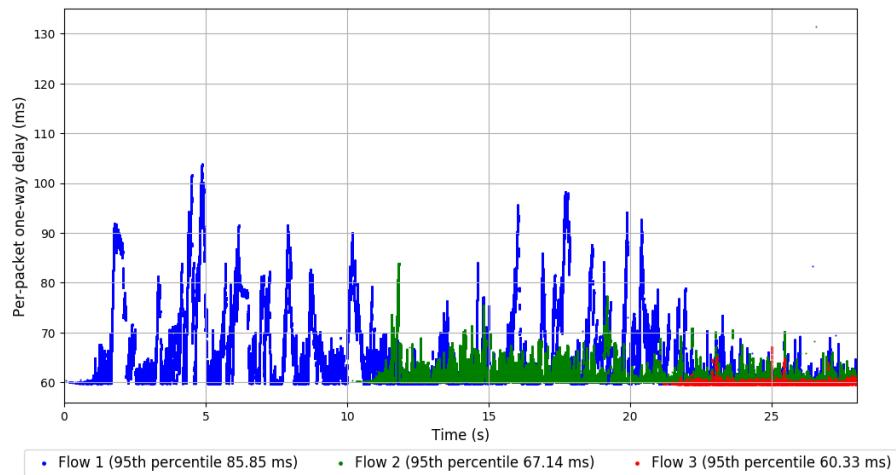
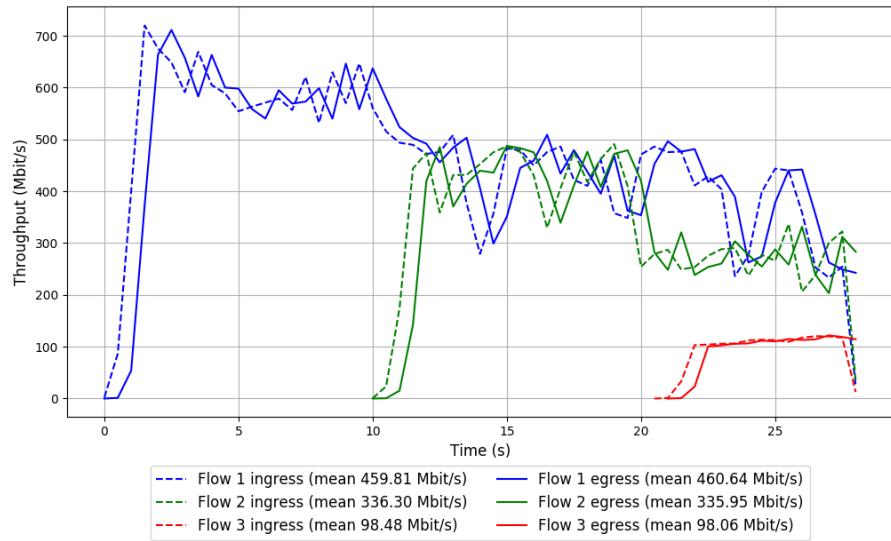


Run 2: Statistics of Indigo-MusesC5

```
Start at: 2019-08-27 09:53:11
End at: 2019-08-27 09:53:41
Local clock offset: -0.134 ms
Remote clock offset: 0.025 ms

# Below is generated by plot.py at 2019-08-27 13:53:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 698.79 Mbit/s
95th percentile per-packet one-way delay: 81.466 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 460.64 Mbit/s
95th percentile per-packet one-way delay: 85.847 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 335.95 Mbit/s
95th percentile per-packet one-way delay: 67.136 ms
Loss rate: 0.80%
-- Flow 3:
Average throughput: 98.06 Mbit/s
95th percentile per-packet one-way delay: 60.334 ms
Loss rate: 2.22%
```

Run 2: Report of Indigo-MusesC5 — Data Link

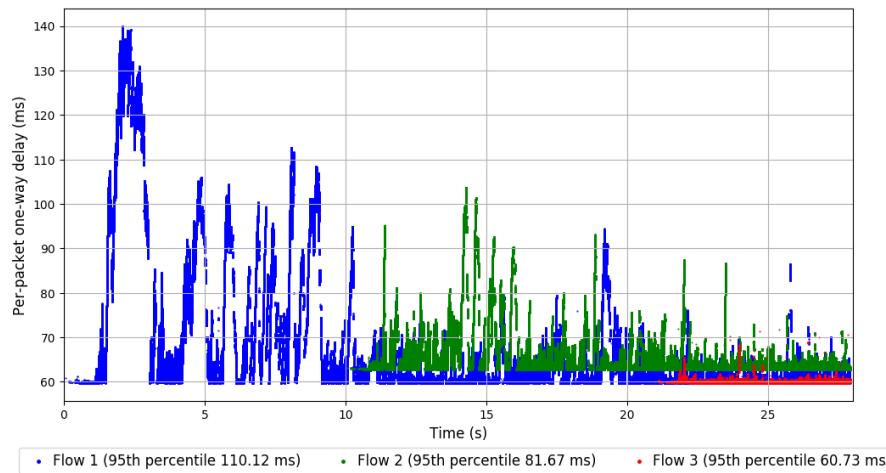
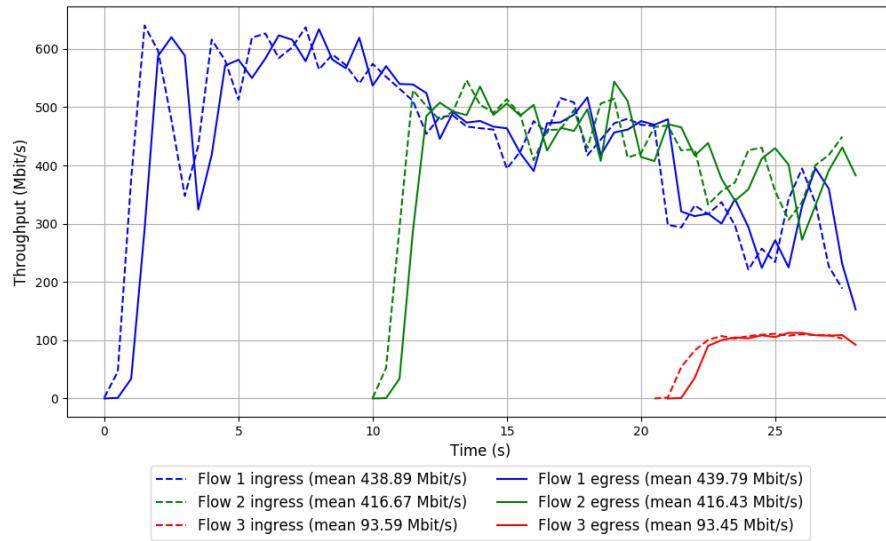


Run 3: Statistics of Indigo-MusesC5

```
Start at: 2019-08-27 10:33:46
End at: 2019-08-27 10:34:16
Local clock offset: -0.22 ms
Remote clock offset: -0.784 ms

# Below is generated by plot.py at 2019-08-27 13:54:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 729.75 Mbit/s
95th percentile per-packet one-way delay: 98.745 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 439.79 Mbit/s
95th percentile per-packet one-way delay: 110.123 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 416.43 Mbit/s
95th percentile per-packet one-way delay: 81.673 ms
Loss rate: 0.75%
-- Flow 3:
Average throughput: 93.45 Mbit/s
95th percentile per-packet one-way delay: 60.730 ms
Loss rate: 1.83%
```

Run 3: Report of Indigo-MusesC5 — Data Link

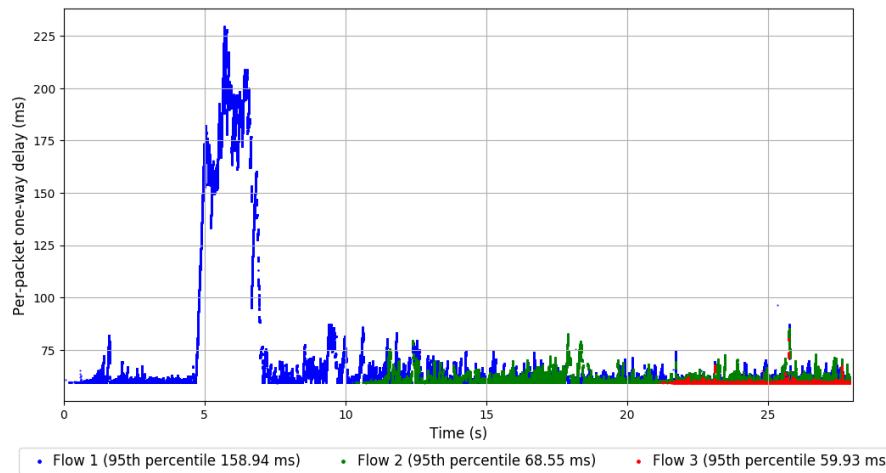
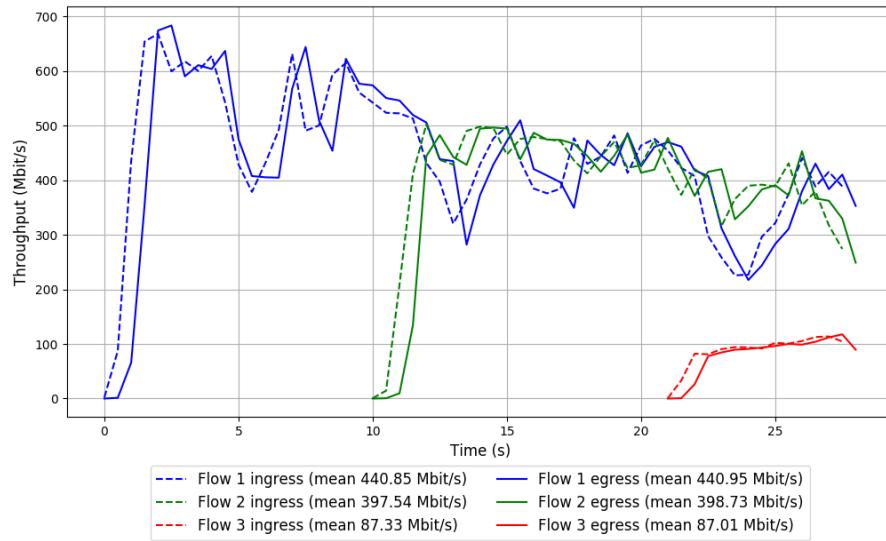


Run 4: Statistics of Indigo-MusesC5

```
Start at: 2019-08-27 11:14:52
End at: 2019-08-27 11:15:22
Local clock offset: 0.089 ms
Remote clock offset: 0.651 ms

# Below is generated by plot.py at 2019-08-27 13:54:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 715.03 Mbit/s
95th percentile per-packet one-way delay: 83.375 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 440.95 Mbit/s
95th percentile per-packet one-way delay: 158.936 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 398.73 Mbit/s
95th percentile per-packet one-way delay: 68.551 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 87.01 Mbit/s
95th percentile per-packet one-way delay: 59.932 ms
Loss rate: 2.10%
```

Run 4: Report of Indigo-MusesC5 — Data Link

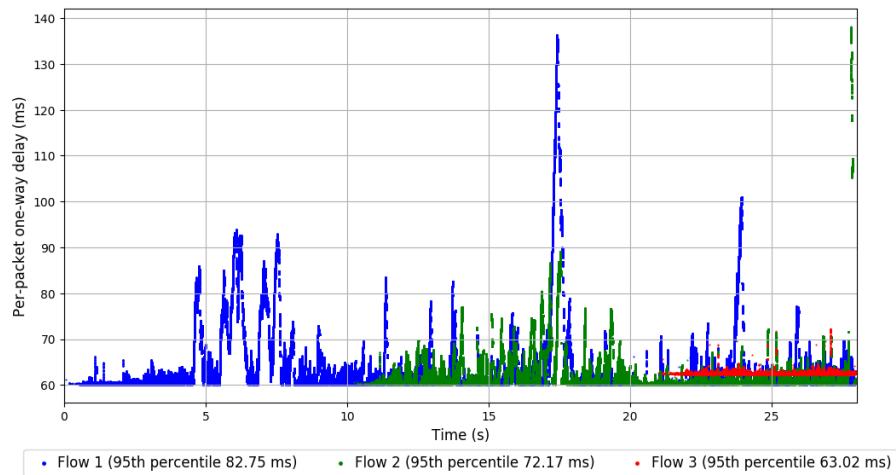
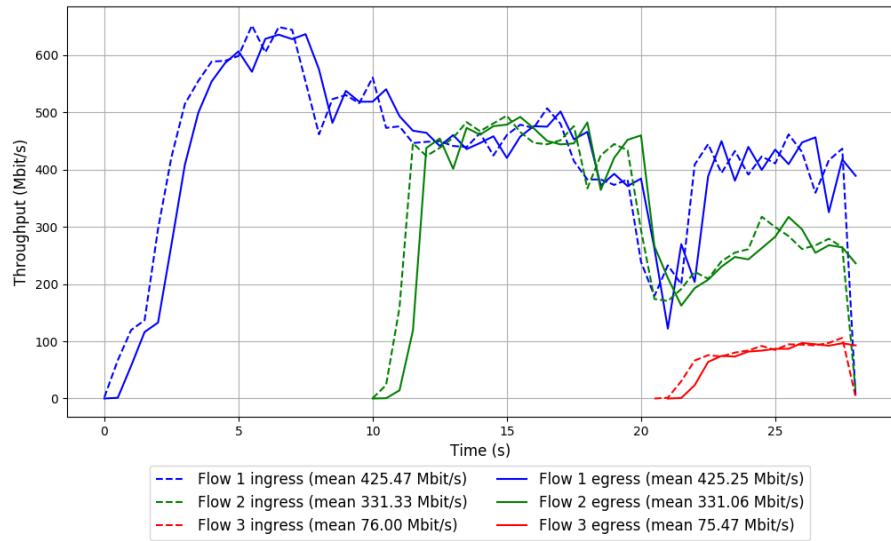


Run 5: Statistics of Indigo-MusesC5

```
Start at: 2019-08-27 11:55:50
End at: 2019-08-27 11:56:20
Local clock offset: 0.079 ms
Remote clock offset: -0.217 ms

# Below is generated by plot.py at 2019-08-27 13:57:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 654.37 Mbit/s
95th percentile per-packet one-way delay: 79.143 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 425.25 Mbit/s
95th percentile per-packet one-way delay: 82.748 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 331.06 Mbit/s
95th percentile per-packet one-way delay: 72.168 ms
Loss rate: 0.73%
-- Flow 3:
Average throughput: 75.47 Mbit/s
95th percentile per-packet one-way delay: 63.020 ms
Loss rate: 2.46%
```

Run 5: Report of Indigo-MusesC5 — Data Link

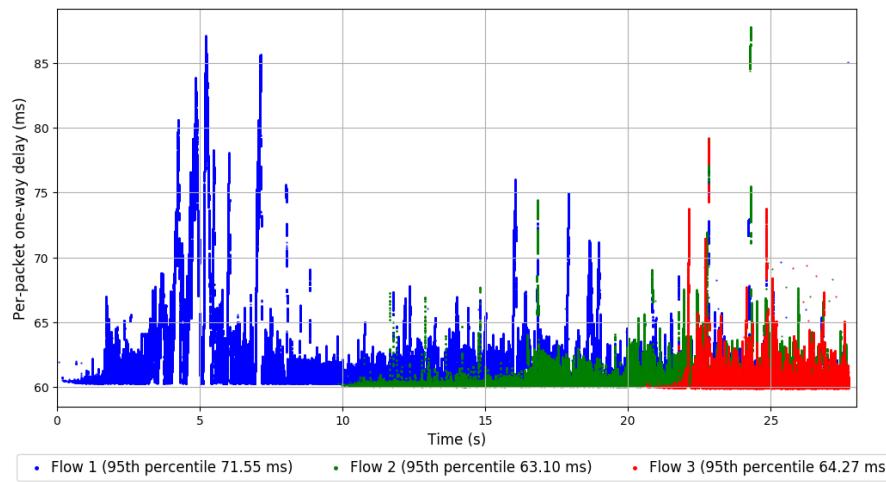
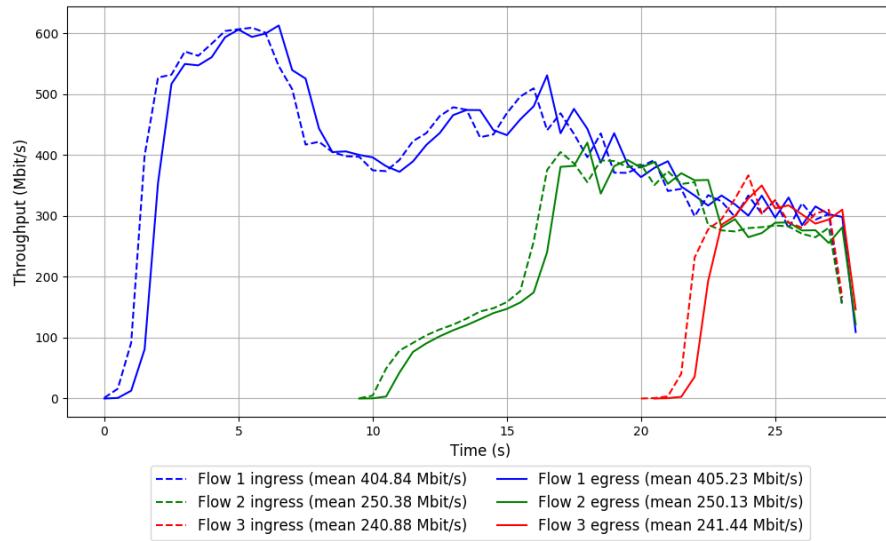


Run 1: Statistics of Indigo-MusesD

```
Start at: 2019-08-27 09:00:02
End at: 2019-08-27 09:00:32
Local clock offset: -0.095 ms
Remote clock offset: -0.361 ms

# Below is generated by plot.py at 2019-08-27 14:00:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 629.53 Mbit/s
95th percentile per-packet one-way delay: 68.303 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 405.23 Mbit/s
95th percentile per-packet one-way delay: 71.548 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 250.13 Mbit/s
95th percentile per-packet one-way delay: 63.099 ms
Loss rate: 0.79%
-- Flow 3:
Average throughput: 241.44 Mbit/s
95th percentile per-packet one-way delay: 64.267 ms
Loss rate: 1.62%
```

Run 1: Report of Indigo-MusesD — Data Link

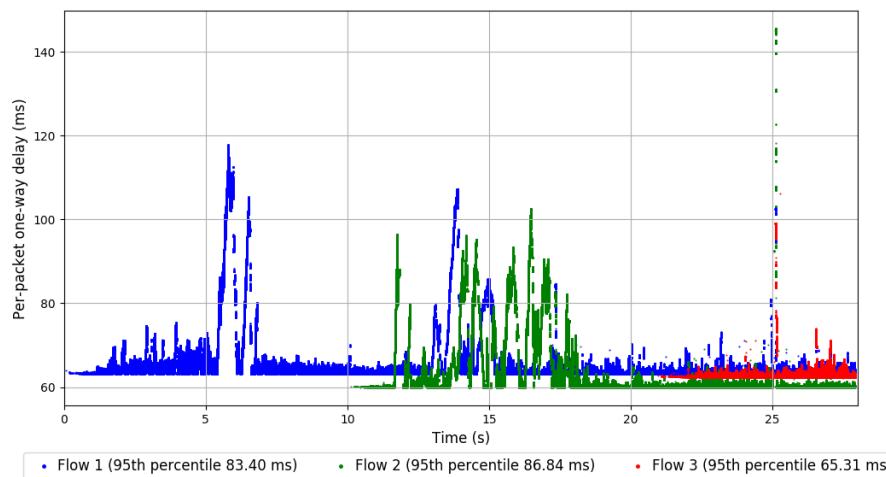
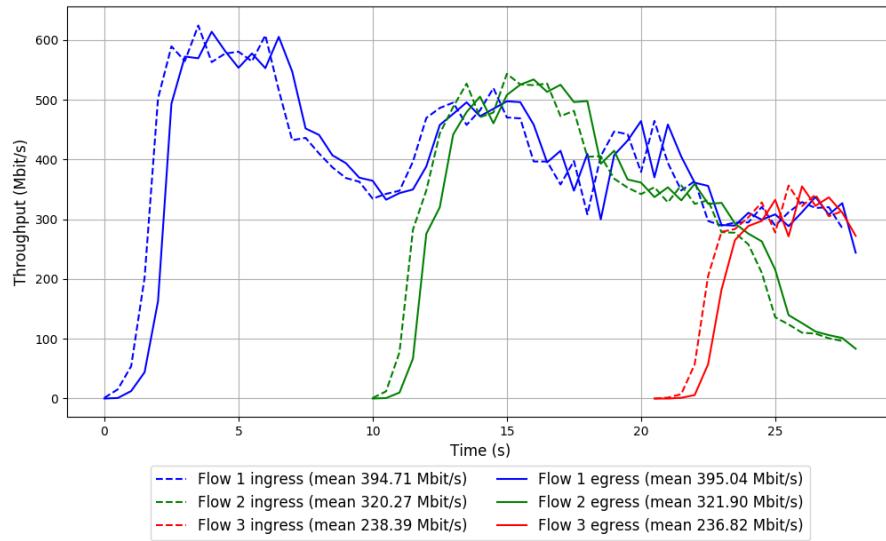


Run 2: Statistics of Indigo-MusesD

```
Start at: 2019-08-27 09:40:32
End at: 2019-08-27 09:41:02
Local clock offset: -0.057 ms
Remote clock offset: -0.101 ms

# Below is generated by plot.py at 2019-08-27 14:02:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 659.75 Mbit/s
95th percentile per-packet one-way delay: 84.946 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 395.04 Mbit/s
95th percentile per-packet one-way delay: 83.401 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 321.90 Mbit/s
95th percentile per-packet one-way delay: 86.837 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 236.82 Mbit/s
95th percentile per-packet one-way delay: 65.315 ms
Loss rate: 2.44%
```

Run 2: Report of Indigo-MusesD — Data Link

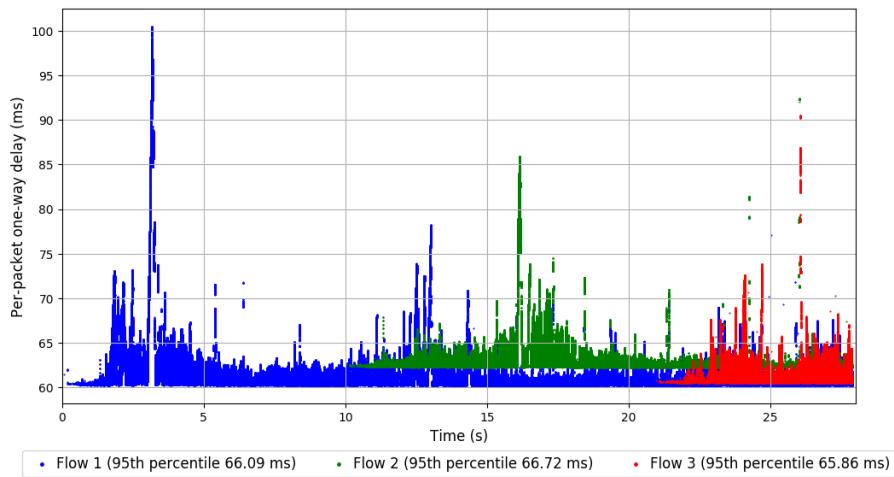
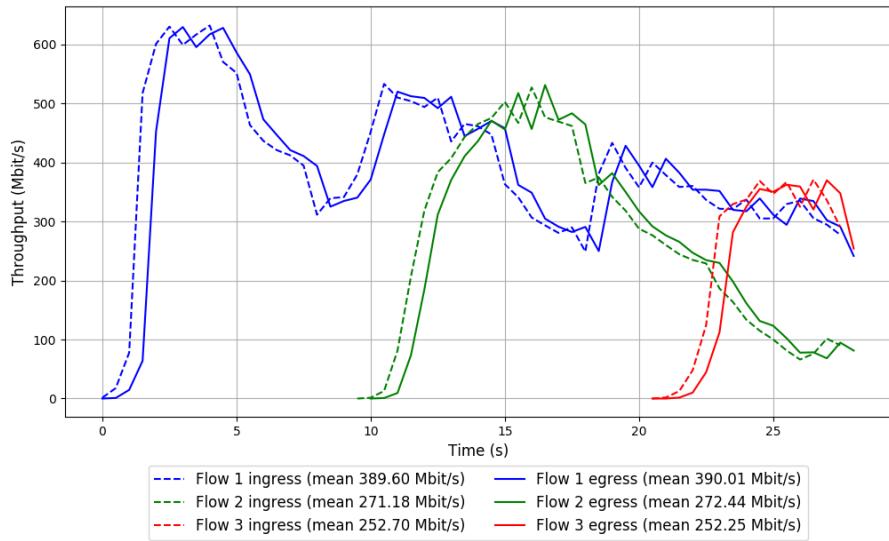


Run 3: Statistics of Indigo-MusesD

```
Start at: 2019-08-27 10:21:08
End at: 2019-08-27 10:21:38
Local clock offset: -0.141 ms
Remote clock offset: -0.697 ms

# Below is generated by plot.py at 2019-08-27 14:03:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 627.50 Mbit/s
95th percentile per-packet one-way delay: 66.236 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 390.01 Mbit/s
95th percentile per-packet one-way delay: 66.087 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 272.44 Mbit/s
95th percentile per-packet one-way delay: 66.718 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 252.25 Mbit/s
95th percentile per-packet one-way delay: 65.863 ms
Loss rate: 2.02%
```

Run 3: Report of Indigo-MusesD — Data Link

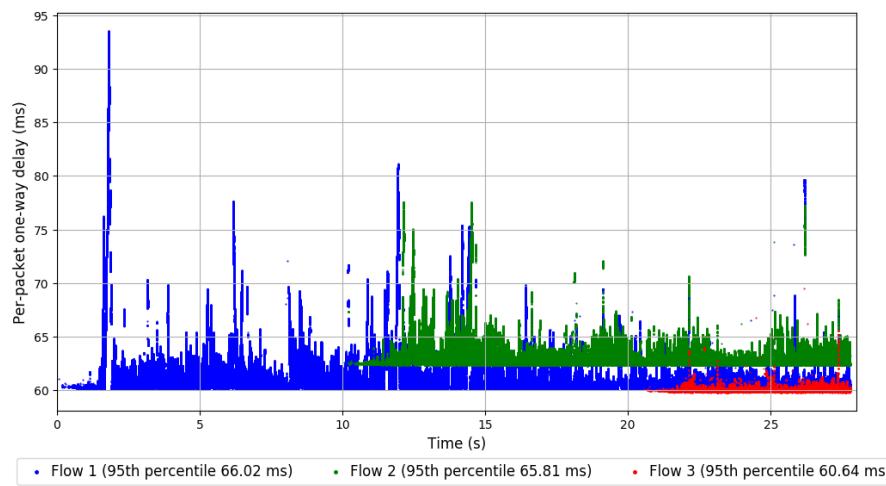
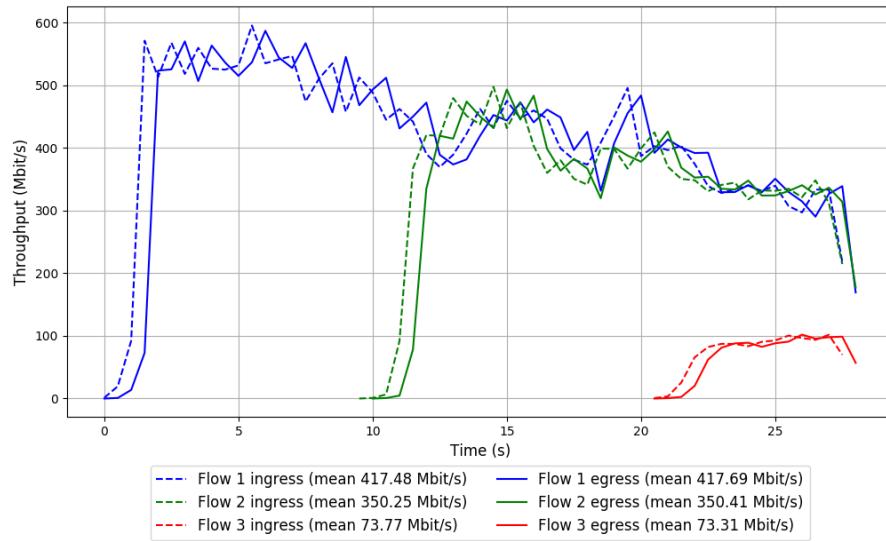


Run 4: Statistics of Indigo-MusesD

```
Start at: 2019-08-27 11:02:03
End at: 2019-08-27 11:02:33
Local clock offset: 0.026 ms
Remote clock offset: -0.199 ms

# Below is generated by plot.py at 2019-08-27 14:04:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 660.76 Mbit/s
95th percentile per-packet one-way delay: 65.807 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 417.69 Mbit/s
95th percentile per-packet one-way delay: 66.023 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 350.41 Mbit/s
95th percentile per-packet one-way delay: 65.809 ms
Loss rate: 0.65%
-- Flow 3:
Average throughput: 73.31 Mbit/s
95th percentile per-packet one-way delay: 60.639 ms
Loss rate: 2.26%
```

Run 4: Report of Indigo-MusesD — Data Link

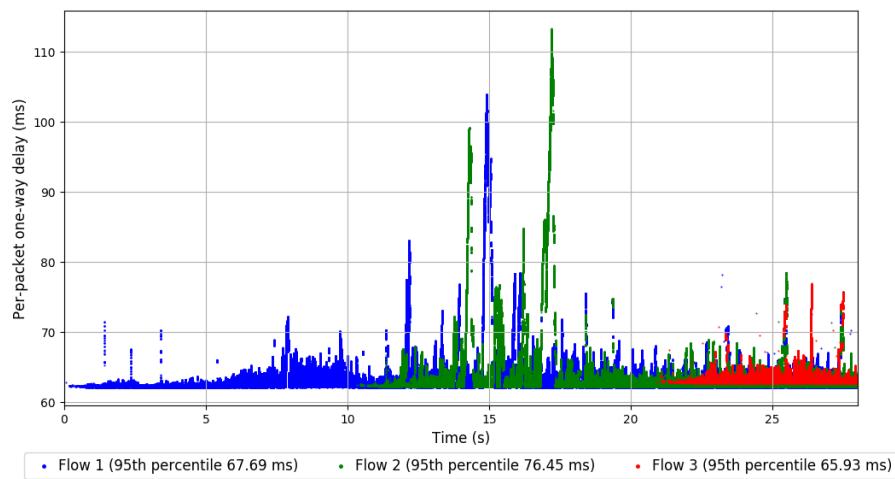
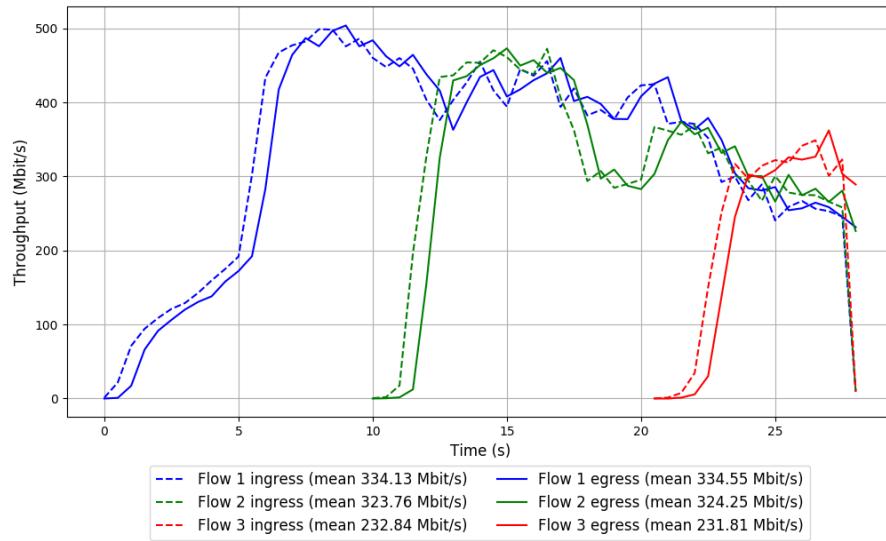


Run 5: Statistics of Indigo-MusesD

```
Start at: 2019-08-27 11:43:06
End at: 2019-08-27 11:43:36
Local clock offset: 0.123 ms
Remote clock offset: -0.046 ms

# Below is generated by plot.py at 2019-08-27 14:04:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 597.84 Mbit/s
95th percentile per-packet one-way delay: 69.845 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 334.55 Mbit/s
95th percentile per-packet one-way delay: 67.693 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 324.25 Mbit/s
95th percentile per-packet one-way delay: 76.450 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 231.81 Mbit/s
95th percentile per-packet one-way delay: 65.930 ms
Loss rate: 2.35%
```

Run 5: Report of Indigo-MusesD — Data Link

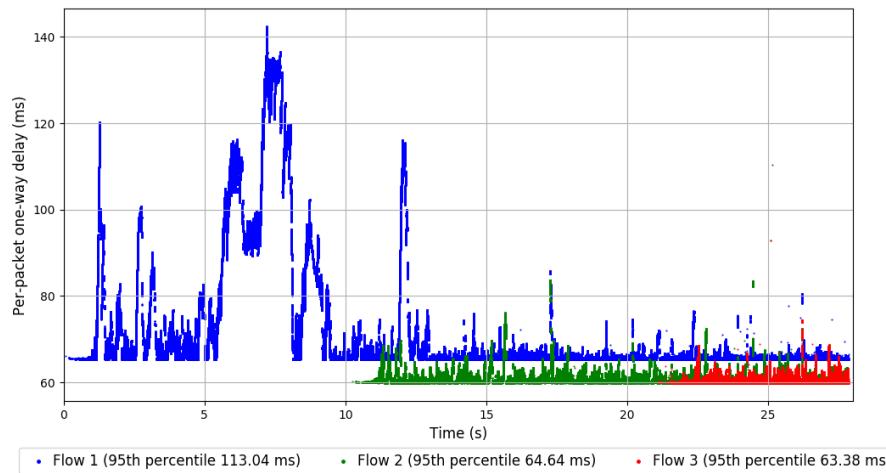
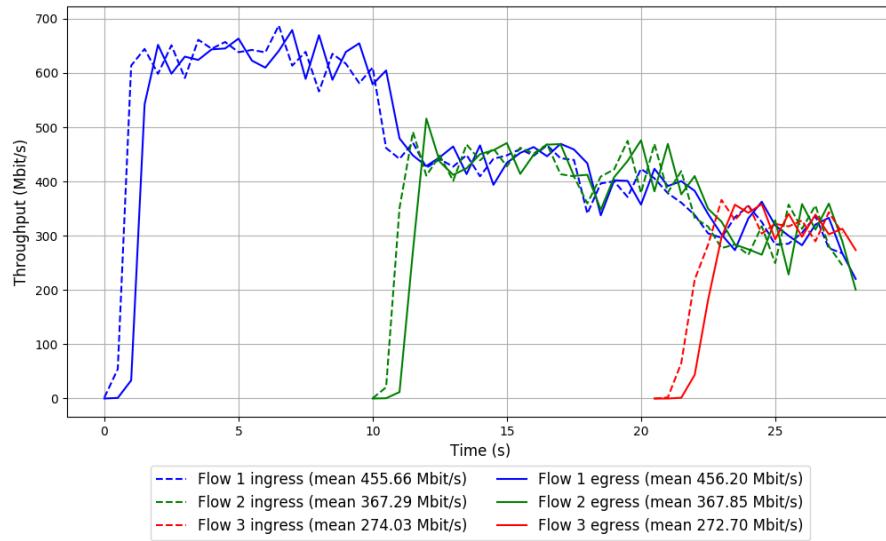


Run 1: Statistics of Indigo-MusesT

```
Start at: 2019-08-27 09:14:22
End at: 2019-08-27 09:14:52
Local clock offset: -0.033 ms
Remote clock offset: -0.065 ms

# Below is generated by plot.py at 2019-08-27 14:08:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 756.65 Mbit/s
95th percentile per-packet one-way delay: 103.233 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 456.20 Mbit/s
95th percentile per-packet one-way delay: 113.043 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 367.85 Mbit/s
95th percentile per-packet one-way delay: 64.639 ms
Loss rate: 0.57%
-- Flow 3:
Average throughput: 272.70 Mbit/s
95th percentile per-packet one-way delay: 63.378 ms
Loss rate: 2.32%
```

Run 1: Report of Indigo-MusesT — Data Link

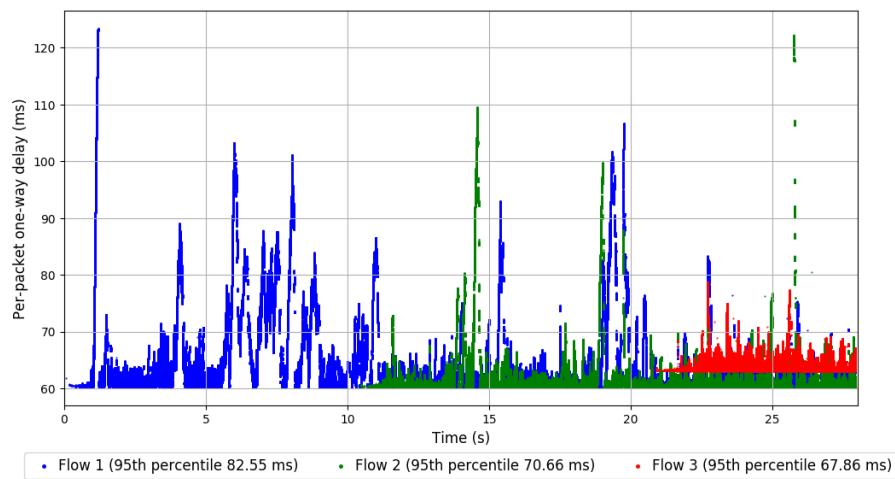
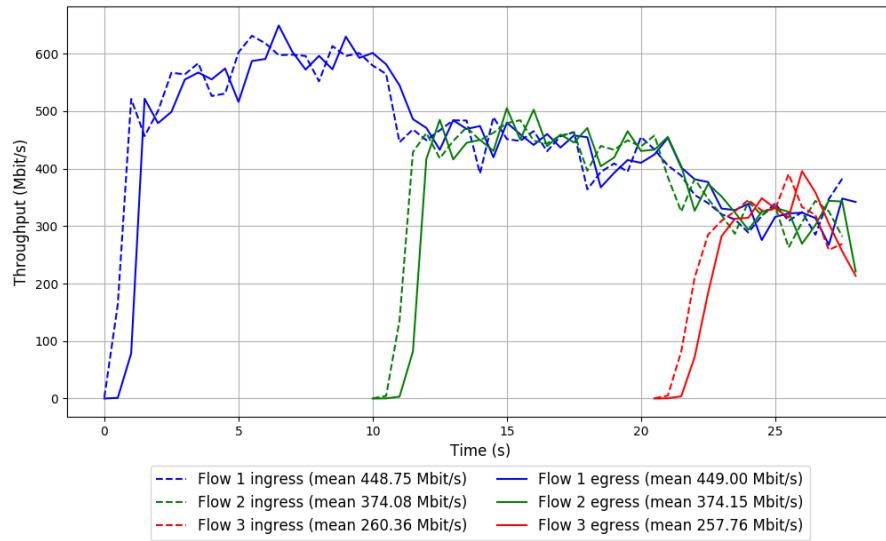


Run 2: Statistics of Indigo-MusesT

```
Start at: 2019-08-27 09:54:57
End at: 2019-08-27 09:55:27
Local clock offset: -0.137 ms
Remote clock offset: -0.121 ms

# Below is generated by plot.py at 2019-08-27 14:08:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 750.95 Mbit/s
95th percentile per-packet one-way delay: 80.284 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 449.00 Mbit/s
95th percentile per-packet one-way delay: 82.550 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 374.15 Mbit/s
95th percentile per-packet one-way delay: 70.656 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 257.76 Mbit/s
95th percentile per-packet one-way delay: 67.860 ms
Loss rate: 2.62%
```

Run 2: Report of Indigo-MusesT — Data Link

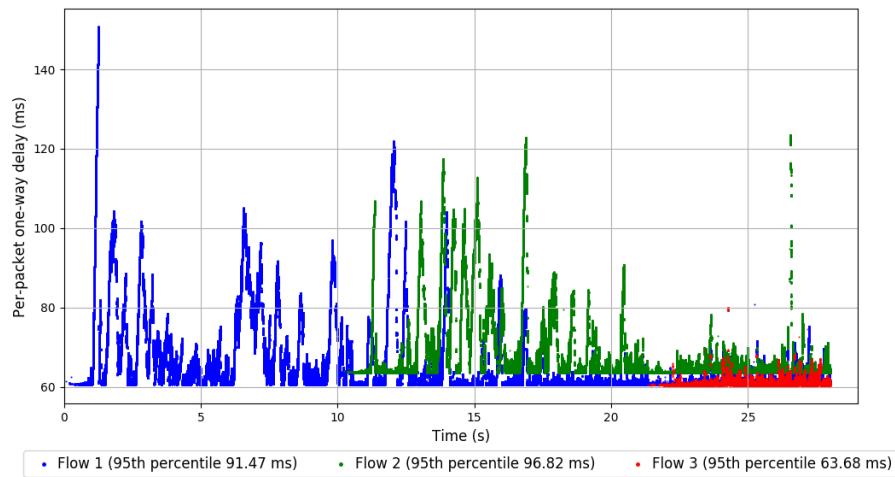
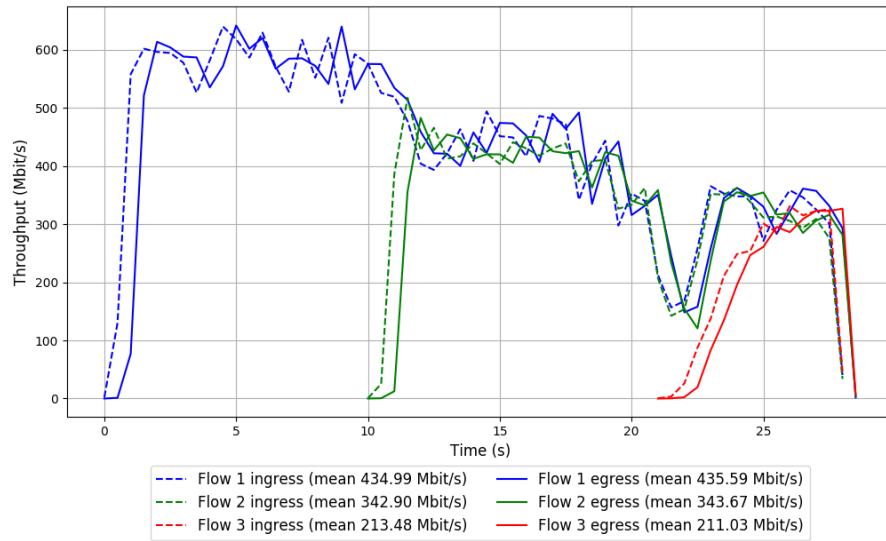


Run 3: Statistics of Indigo-MusesT

```
Start at: 2019-08-27 10:35:35
End at: 2019-08-27 10:36:05
Local clock offset: -0.176 ms
Remote clock offset: -1.6 ms

# Below is generated by plot.py at 2019-08-27 14:10:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 704.42 Mbit/s
95th percentile per-packet one-way delay: 92.296 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 435.59 Mbit/s
95th percentile per-packet one-way delay: 91.473 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 343.67 Mbit/s
95th percentile per-packet one-way delay: 96.821 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 211.03 Mbit/s
95th percentile per-packet one-way delay: 63.683 ms
Loss rate: 2.91%
```

Run 3: Report of Indigo-MusesT — Data Link

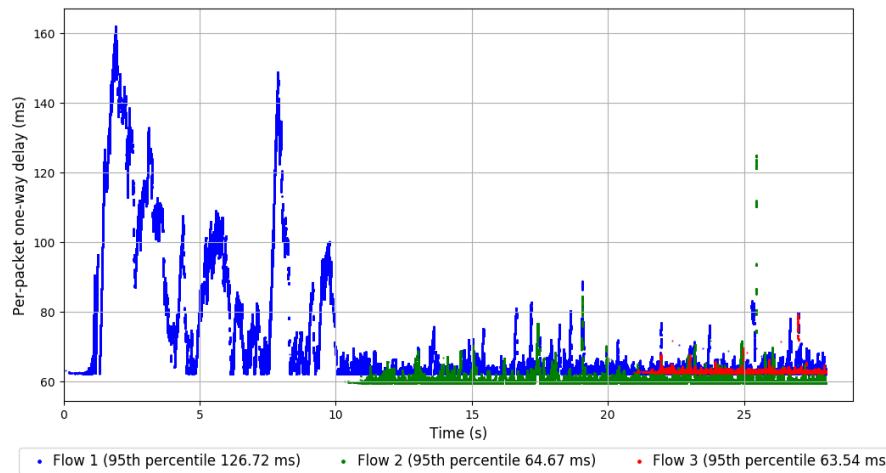
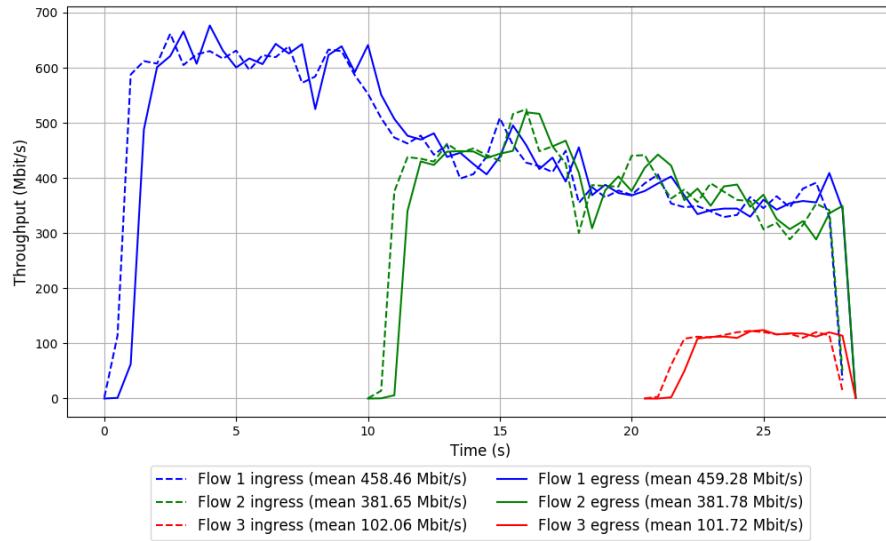


Run 4: Statistics of Indigo-MusesT

```
Start at: 2019-08-27 11:16:39
End at: 2019-08-27 11:17:09
Local clock offset: 0.056 ms
Remote clock offset: 0.193 ms

# Below is generated by plot.py at 2019-08-27 14:13:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 726.73 Mbit/s
95th percentile per-packet one-way delay: 113.403 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 459.28 Mbit/s
95th percentile per-packet one-way delay: 126.718 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 381.78 Mbit/s
95th percentile per-packet one-way delay: 64.665 ms
Loss rate: 0.65%
-- Flow 3:
Average throughput: 101.72 Mbit/s
95th percentile per-packet one-way delay: 63.541 ms
Loss rate: 1.91%
```

Run 4: Report of Indigo-MusesT — Data Link

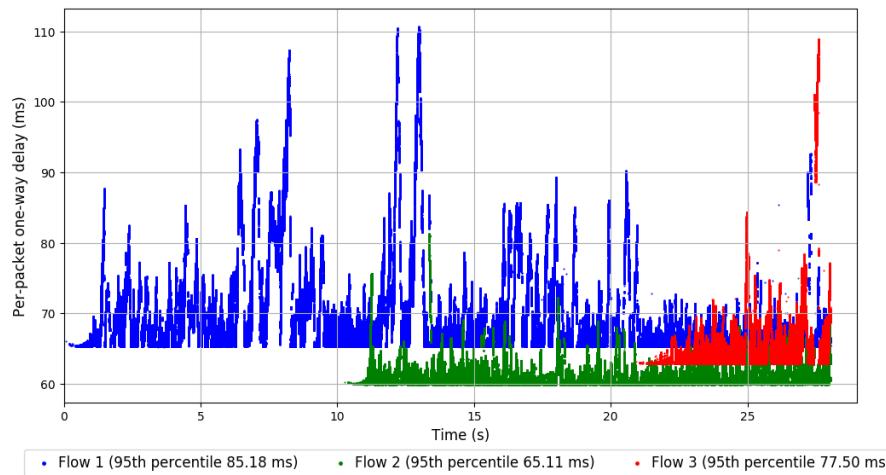
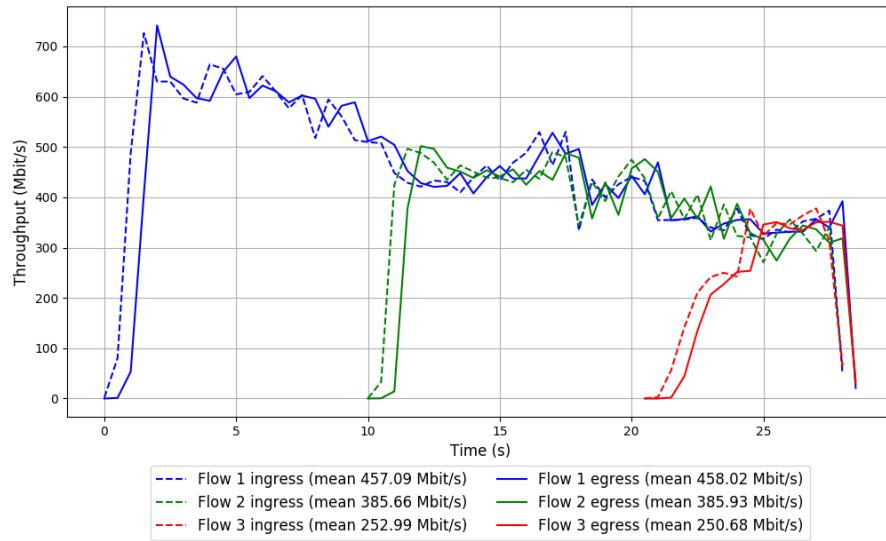


Run 5: Statistics of Indigo-MusesT

```
Start at: 2019-08-27 11:57:34
End at: 2019-08-27 11:58:04
Local clock offset: 0.049 ms
Remote clock offset: -0.042 ms

# Below is generated by plot.py at 2019-08-27 14:17:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 766.93 Mbit/s
95th percentile per-packet one-way delay: 82.256 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 458.02 Mbit/s
95th percentile per-packet one-way delay: 85.183 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 385.93 Mbit/s
95th percentile per-packet one-way delay: 65.106 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 250.68 Mbit/s
95th percentile per-packet one-way delay: 77.500 ms
Loss rate: 2.59%
```

Run 5: Report of Indigo-MusesT — Data Link

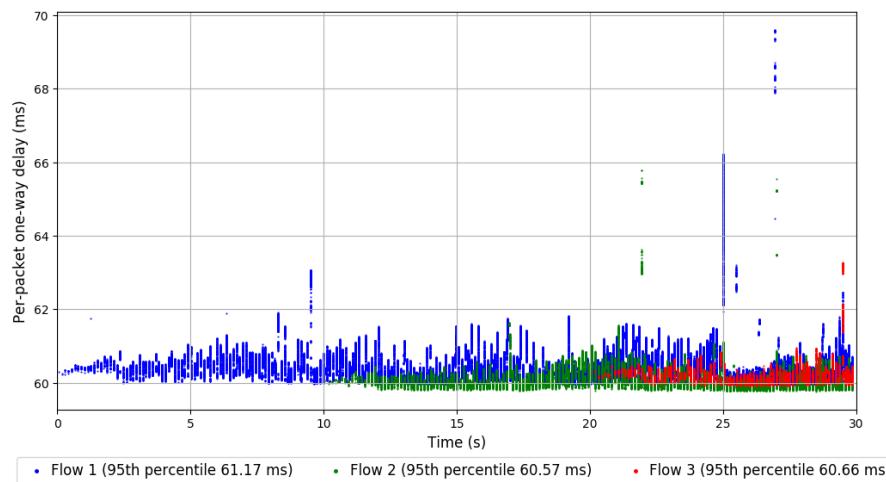
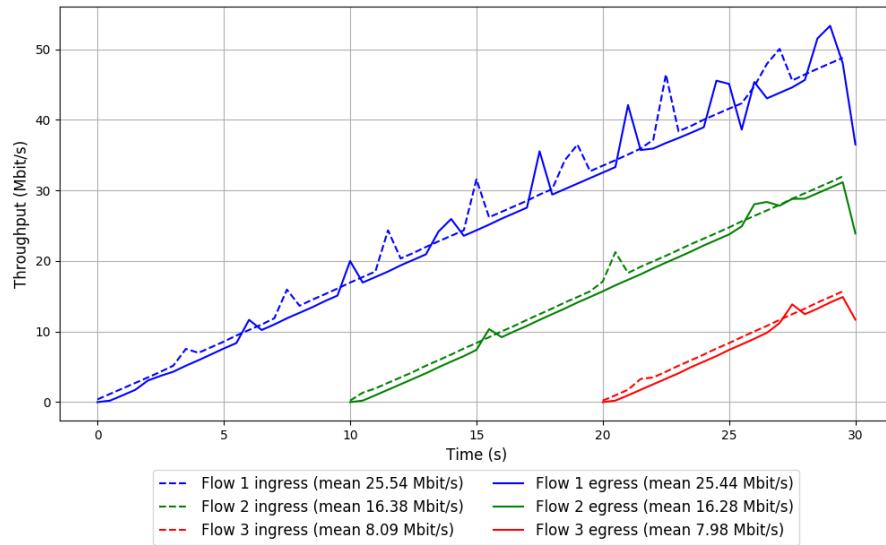


Run 1: Statistics of LEDBAT

```
Start at: 2019-08-27 09:23:17
End at: 2019-08-27 09:23:47
Local clock offset: -0.063 ms
Remote clock offset: -0.108 ms

# Below is generated by plot.py at 2019-08-27 14:17:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 38.85 Mbit/s
95th percentile per-packet one-way delay: 61.060 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 25.44 Mbit/s
95th percentile per-packet one-way delay: 61.171 ms
Loss rate: 0.80%
-- Flow 2:
Average throughput: 16.28 Mbit/s
95th percentile per-packet one-way delay: 60.573 ms
Loss rate: 1.24%
-- Flow 3:
Average throughput: 7.98 Mbit/s
95th percentile per-packet one-way delay: 60.657 ms
Loss rate: 2.51%
```

Run 1: Report of LEDBAT — Data Link

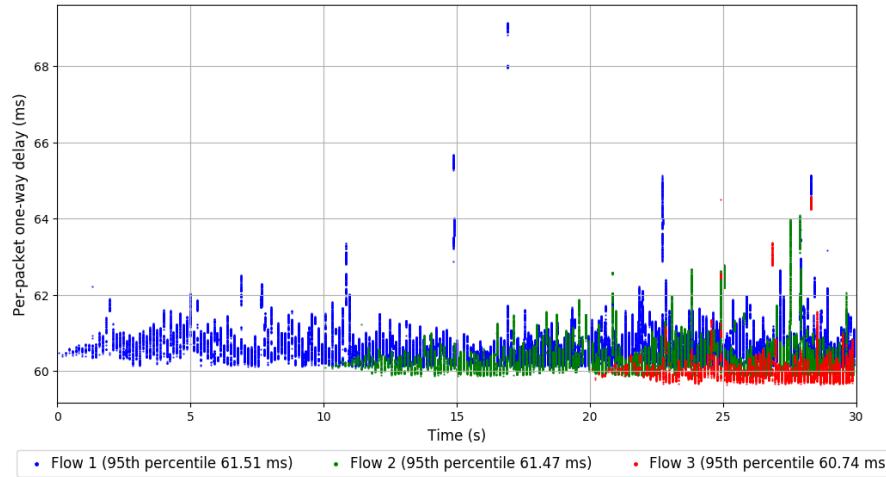
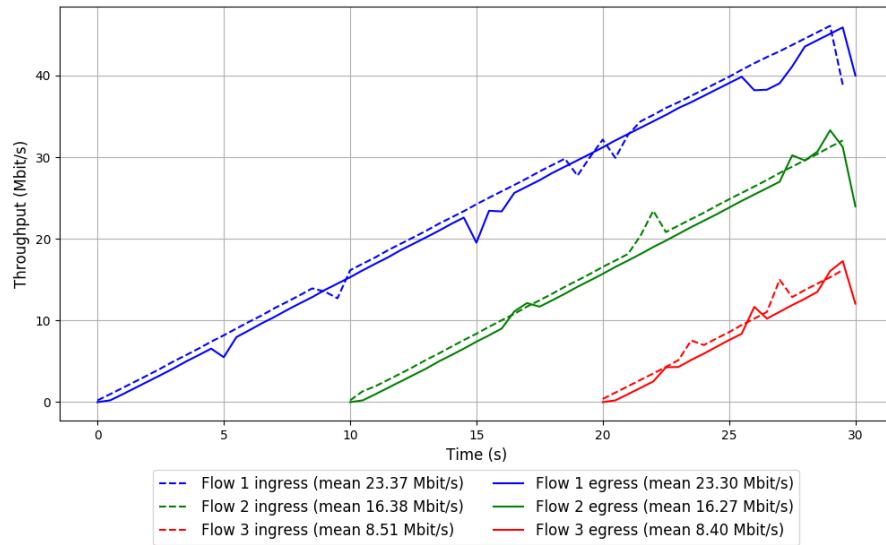


Run 2: Statistics of LEDBAT

```
Start at: 2019-08-27 10:04:04
End at: 2019-08-27 10:04:34
Local clock offset: -0.174 ms
Remote clock offset: -0.085 ms

# Below is generated by plot.py at 2019-08-27 14:17:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 36.84 Mbit/s
95th percentile per-packet one-way delay: 61.480 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 23.30 Mbit/s
95th percentile per-packet one-way delay: 61.507 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 16.27 Mbit/s
95th percentile per-packet one-way delay: 61.472 ms
Loss rate: 1.24%
-- Flow 3:
Average throughput: 8.40 Mbit/s
95th percentile per-packet one-way delay: 60.742 ms
Loss rate: 2.44%
```

Run 2: Report of LEDBAT — Data Link

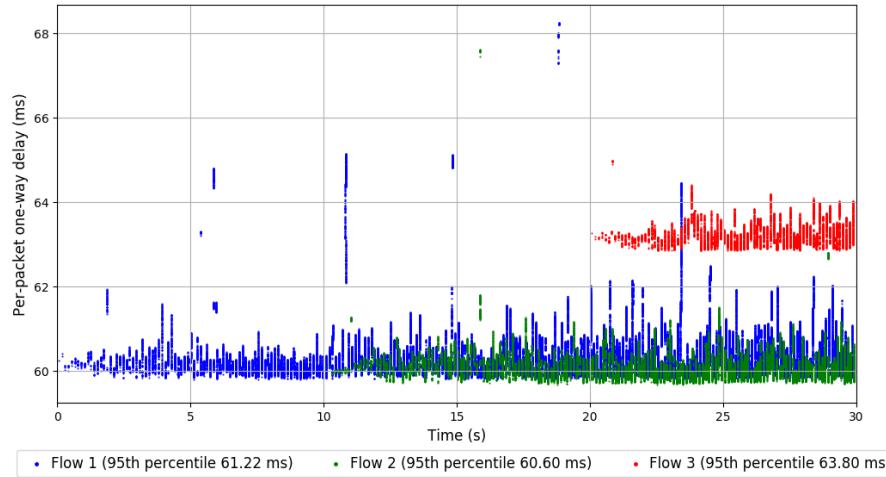
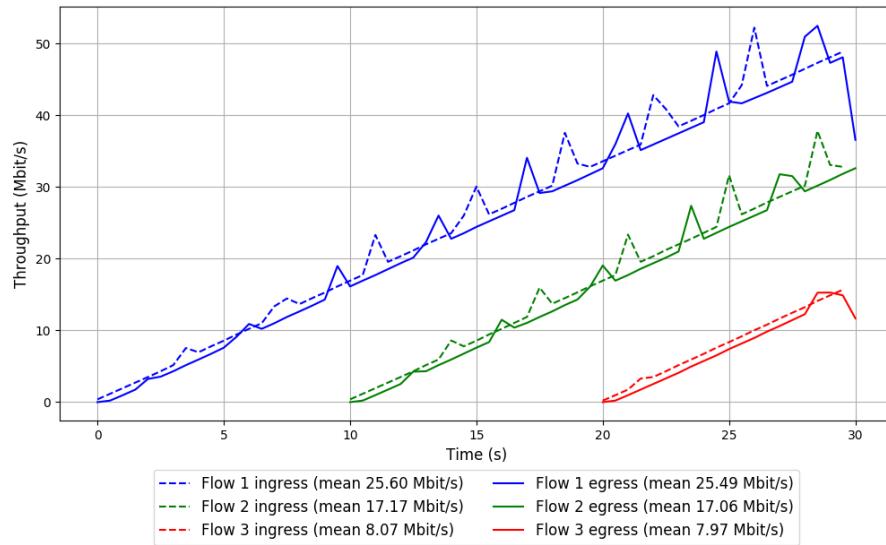


Run 3: Statistics of LEDBAT

```
Start at: 2019-08-27 10:44:42
End at: 2019-08-27 10:45:12
Local clock offset: -0.131 ms
Remote clock offset: -0.564 ms

# Below is generated by plot.py at 2019-08-27 14:17:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 39.38 Mbit/s
95th percentile per-packet one-way delay: 63.091 ms
Loss rate: 1.03%
-- Flow 1:
Average throughput: 25.49 Mbit/s
95th percentile per-packet one-way delay: 61.218 ms
Loss rate: 0.80%
-- Flow 2:
Average throughput: 17.06 Mbit/s
95th percentile per-packet one-way delay: 60.601 ms
Loss rate: 1.21%
-- Flow 3:
Average throughput: 7.97 Mbit/s
95th percentile per-packet one-way delay: 63.800 ms
Loss rate: 2.50%
```

Run 3: Report of LEDBAT — Data Link

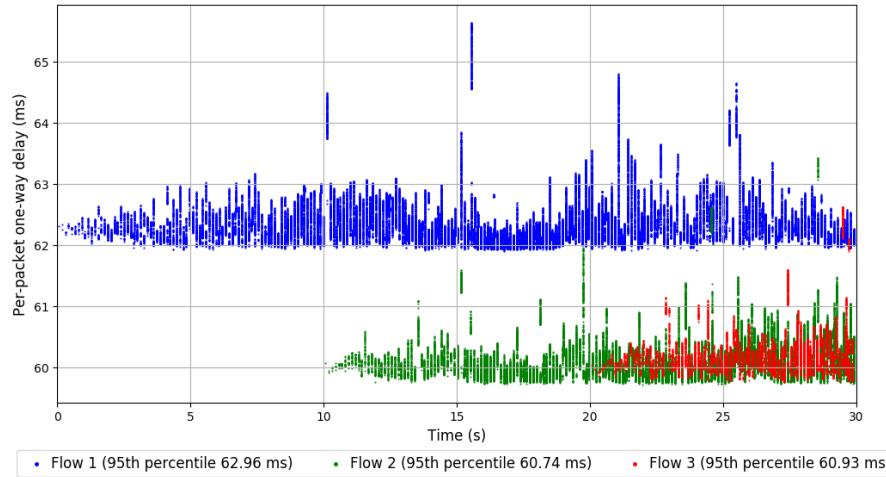
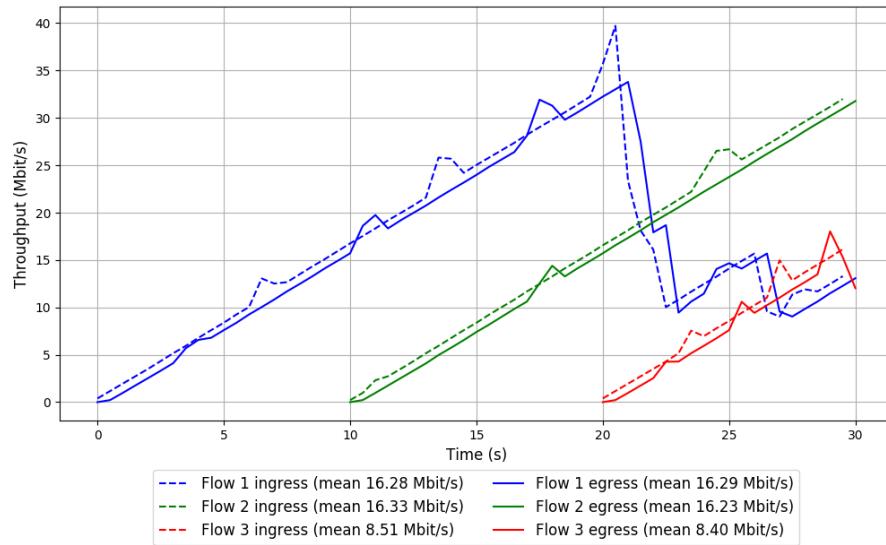


Run 4: Statistics of LEDBAT

```
Start at: 2019-08-27 11:25:48
End at: 2019-08-27 11:26:18
Local clock offset: 0.113 ms
Remote clock offset: 0.067 ms

# Below is generated by plot.py at 2019-08-27 14:17:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 29.82 Mbit/s
95th percentile per-packet one-way delay: 62.795 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 16.29 Mbit/s
95th percentile per-packet one-way delay: 62.958 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 16.23 Mbit/s
95th percentile per-packet one-way delay: 60.739 ms
Loss rate: 1.24%
-- Flow 3:
Average throughput: 8.40 Mbit/s
95th percentile per-packet one-way delay: 60.929 ms
Loss rate: 2.45%
```

Run 4: Report of LEDBAT — Data Link

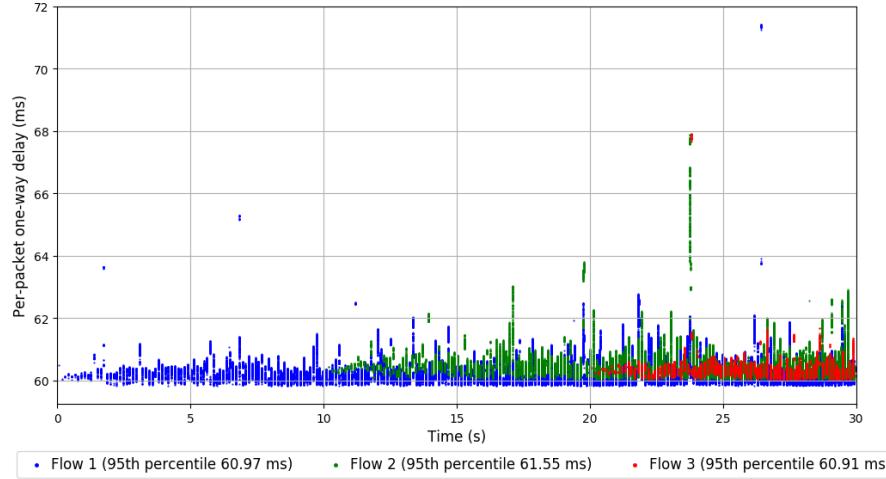
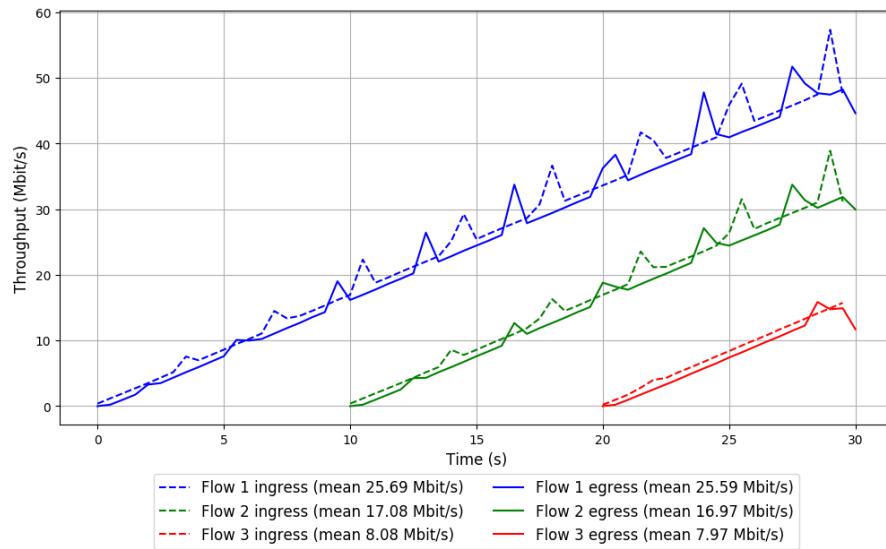


Run 5: Statistics of LEDBAT

```
Start at: 2019-08-27 12:06:40
End at: 2019-08-27 12:07:10
Local clock offset: -0.047 ms
Remote clock offset: -0.016 ms

# Below is generated by plot.py at 2019-08-27 14:17:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 39.49 Mbit/s
95th percentile per-packet one-way delay: 61.120 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 25.59 Mbit/s
95th percentile per-packet one-way delay: 60.965 ms
Loss rate: 0.77%
-- Flow 2:
Average throughput: 16.97 Mbit/s
95th percentile per-packet one-way delay: 61.554 ms
Loss rate: 1.21%
-- Flow 3:
Average throughput: 7.97 Mbit/s
95th percentile per-packet one-way delay: 60.913 ms
Loss rate: 2.51%
```

Run 5: Report of LEDBAT — Data Link

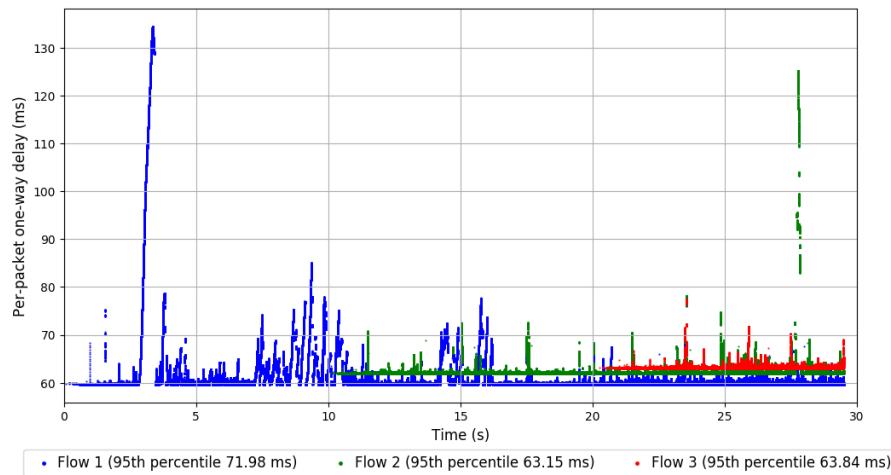
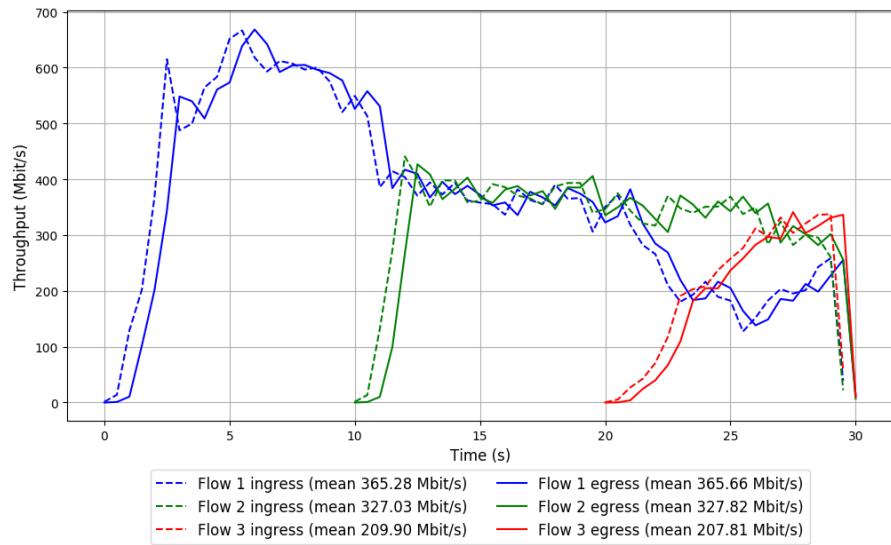


```
Run 1: Statistics of Muses\_DecisionTree

Start at: 2019-08-27 09:05:27
End at: 2019-08-27 09:05:57
Local clock offset: -0.062 ms
Remote clock offset: 0.058 ms

# Below is generated by plot.py at 2019-08-27 14:18:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 647.29 Mbit/s
95th percentile per-packet one-way delay: 68.668 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 365.66 Mbit/s
95th percentile per-packet one-way delay: 71.980 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 327.82 Mbit/s
95th percentile per-packet one-way delay: 63.152 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 207.81 Mbit/s
95th percentile per-packet one-way delay: 63.841 ms
Loss rate: 2.33%
```

Run 1: Report of Muses_DecisionTree — Data Link

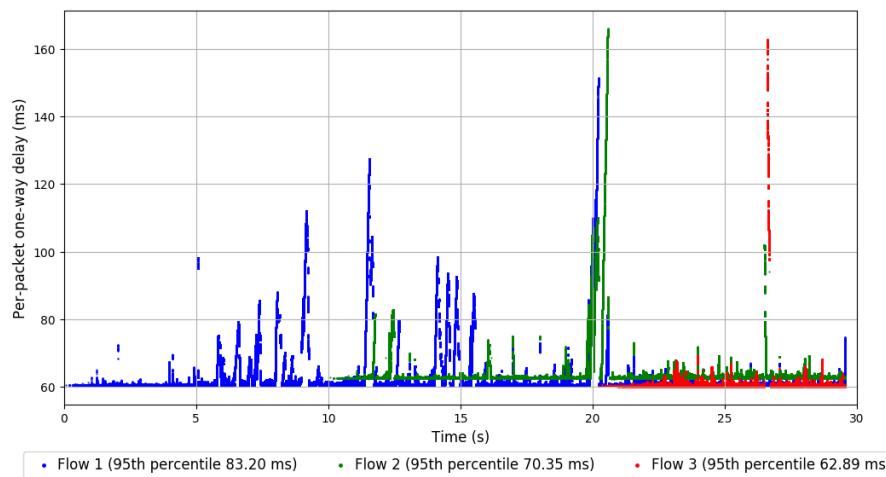
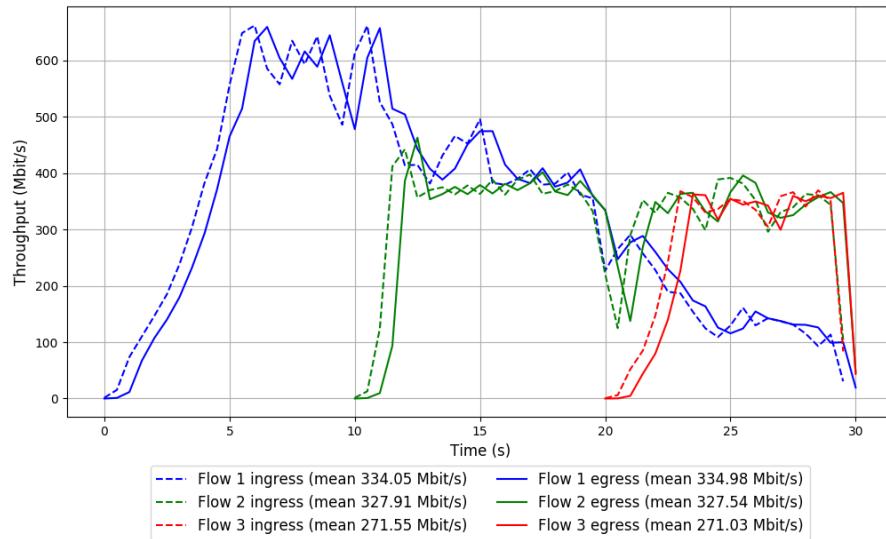


```
Run 2: Statistics of Muses\_DecisionTree

Start at: 2019-08-27 09:46:03
End at: 2019-08-27 09:46:33
Local clock offset: -0.013 ms
Remote clock offset: -0.056 ms

# Below is generated by plot.py at 2019-08-27 14:18:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 637.03 Mbit/s
95th percentile per-packet one-way delay: 78.556 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 334.98 Mbit/s
95th percentile per-packet one-way delay: 83.200 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 327.54 Mbit/s
95th percentile per-packet one-way delay: 70.350 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 271.03 Mbit/s
95th percentile per-packet one-way delay: 62.886 ms
Loss rate: 1.50%
```

Run 2: Report of Muses_DecisionTree — Data Link

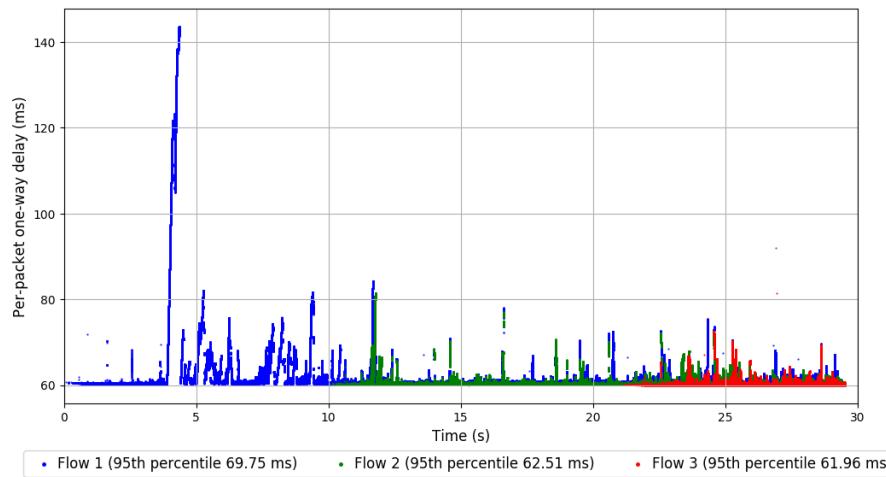
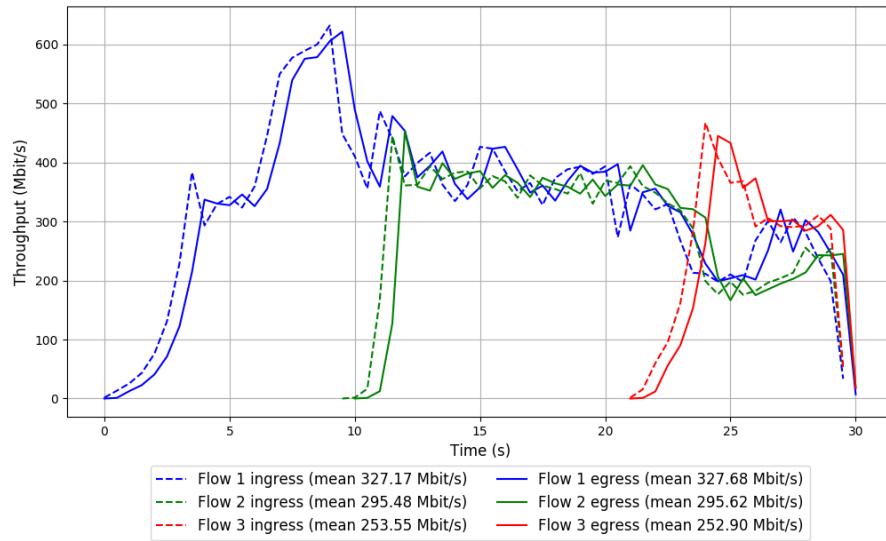


```
Run 3: Statistics of Muses\_DecisionTree

Start at: 2019-08-27 10:26:32
End at: 2019-08-27 10:27:02
Local clock offset: -0.165 ms
Remote clock offset: -0.874 ms

# Below is generated by plot.py at 2019-08-27 14:18:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 595.74 Mbit/s
95th percentile per-packet one-way delay: 66.775 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 327.68 Mbit/s
95th percentile per-packet one-way delay: 69.746 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 295.62 Mbit/s
95th percentile per-packet one-way delay: 62.510 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 252.90 Mbit/s
95th percentile per-packet one-way delay: 61.962 ms
Loss rate: 1.65%
```

Run 3: Report of Muses_DecisionTree — Data Link

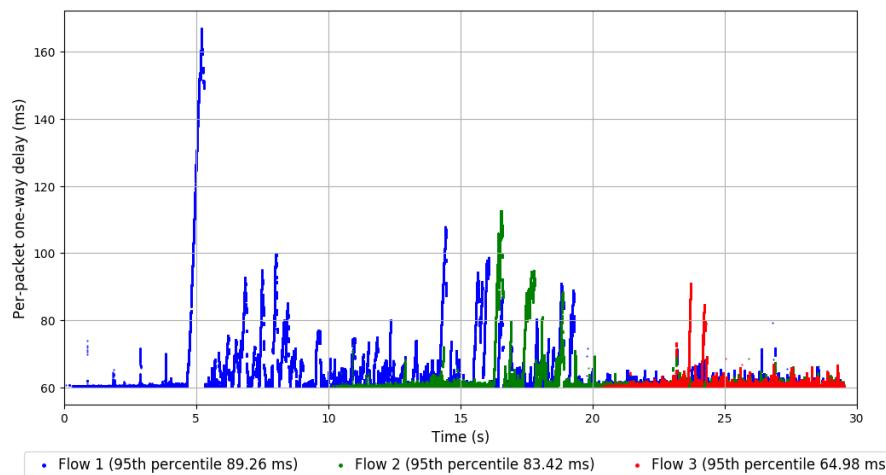
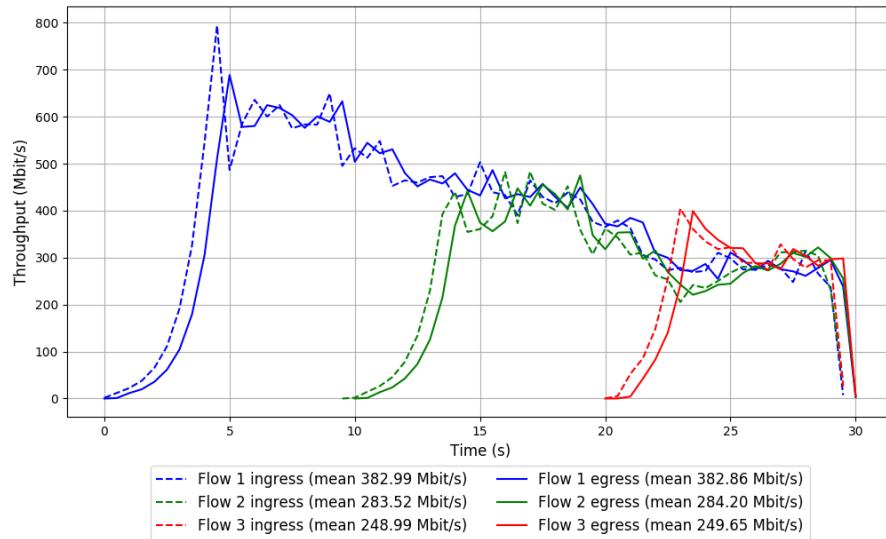


```
Run 4: Statistics of Muses\_DecisionTree

Start at: 2019-08-27 11:07:34
End at: 2019-08-27 11:08:04
Local clock offset: 0.046 ms
Remote clock offset: -0.394 ms

# Below is generated by plot.py at 2019-08-27 14:20:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 649.03 Mbit/s
95th percentile per-packet one-way delay: 86.048 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 382.86 Mbit/s
95th percentile per-packet one-way delay: 89.258 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 284.20 Mbit/s
95th percentile per-packet one-way delay: 83.420 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 249.65 Mbit/s
95th percentile per-packet one-way delay: 64.979 ms
Loss rate: 1.12%
```

Run 4: Report of Muses_DecisionTree — Data Link

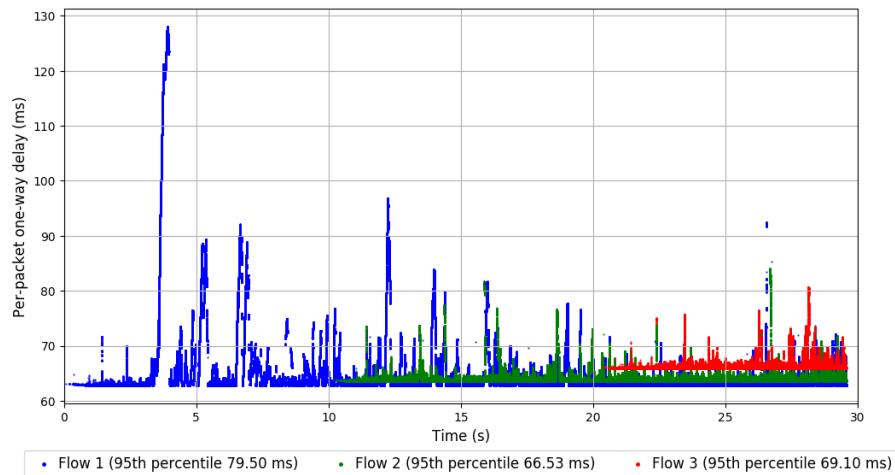
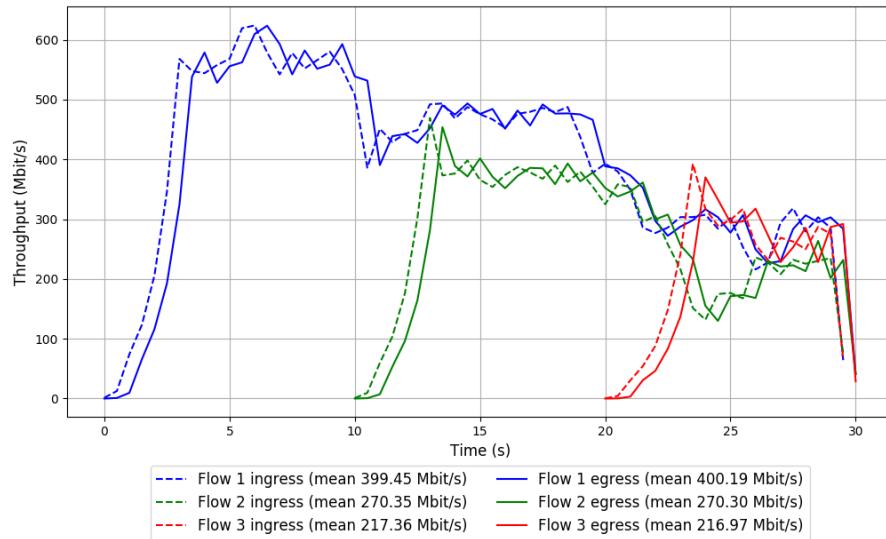


```
Run 5: Statistics of Muses\_DecisionTree

Start at: 2019-08-27 11:48:32
End at: 2019-08-27 11:49:02
Local clock offset: 0.148 ms
Remote clock offset: -0.745 ms

# Below is generated by plot.py at 2019-08-27 14:20:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 645.99 Mbit/s
95th percentile per-packet one-way delay: 73.599 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 400.19 Mbit/s
95th percentile per-packet one-way delay: 79.499 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 270.30 Mbit/s
95th percentile per-packet one-way delay: 66.532 ms
Loss rate: 0.66%
-- Flow 3:
Average throughput: 216.97 Mbit/s
95th percentile per-packet one-way delay: 69.098 ms
Loss rate: 1.58%
```

Run 5: Report of Muses_DecisionTree — Data Link

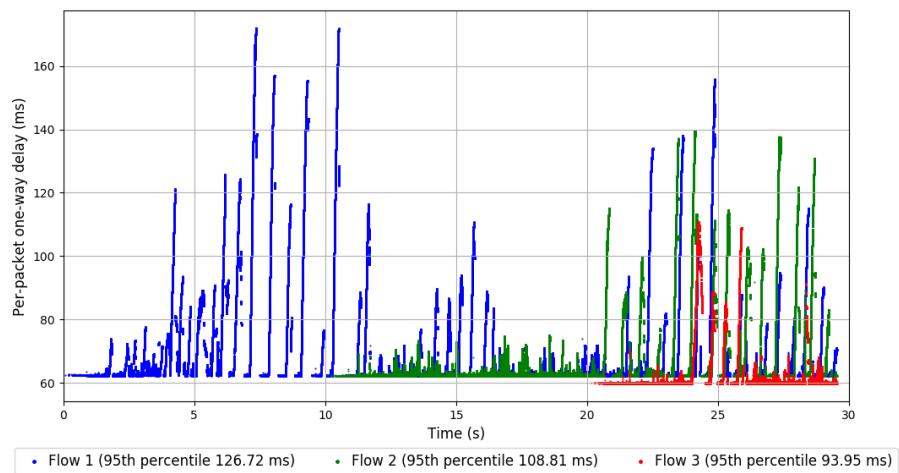
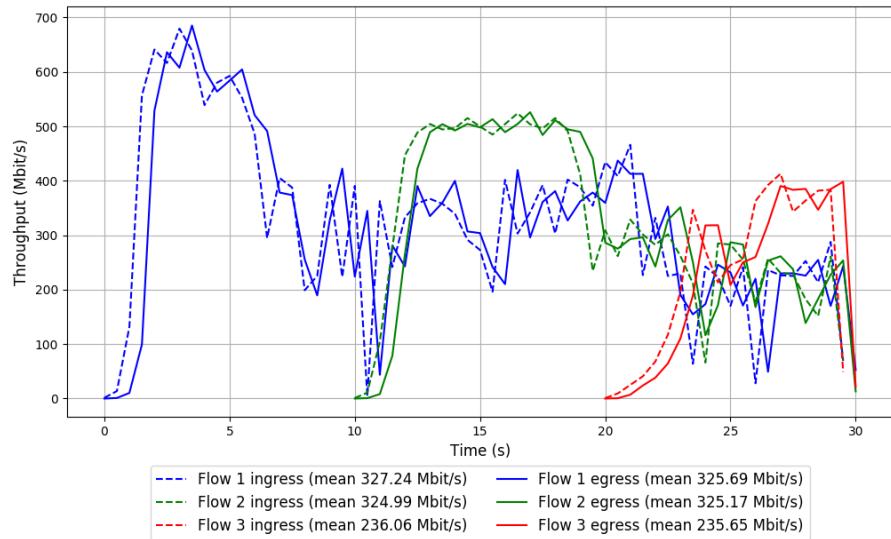


```
Run 1: Statistics of Muses\_DecisionTreeH0

Start at: 2019-08-27 09:33:41
End at: 2019-08-27 09:34:11
Local clock offset: -0.019 ms
Remote clock offset: 0.057 ms

# Below is generated by plot.py at 2019-08-27 14:22:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 614.89 Mbit/s
95th percentile per-packet one-way delay: 113.766 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 325.69 Mbit/s
95th percentile per-packet one-way delay: 126.722 ms
Loss rate: 0.83%
-- Flow 2:
Average throughput: 325.17 Mbit/s
95th percentile per-packet one-way delay: 108.806 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 235.65 Mbit/s
95th percentile per-packet one-way delay: 93.952 ms
Loss rate: 1.31%
```

Run 1: Report of Muses_DecisionTreeH0 — Data Link

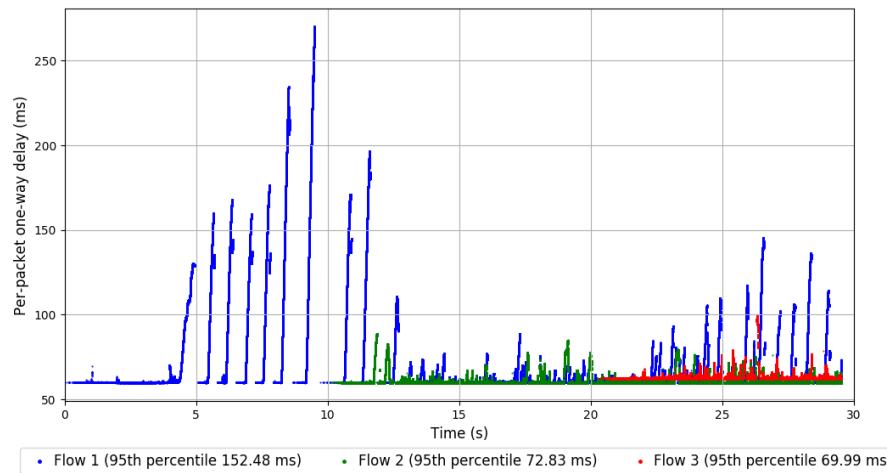
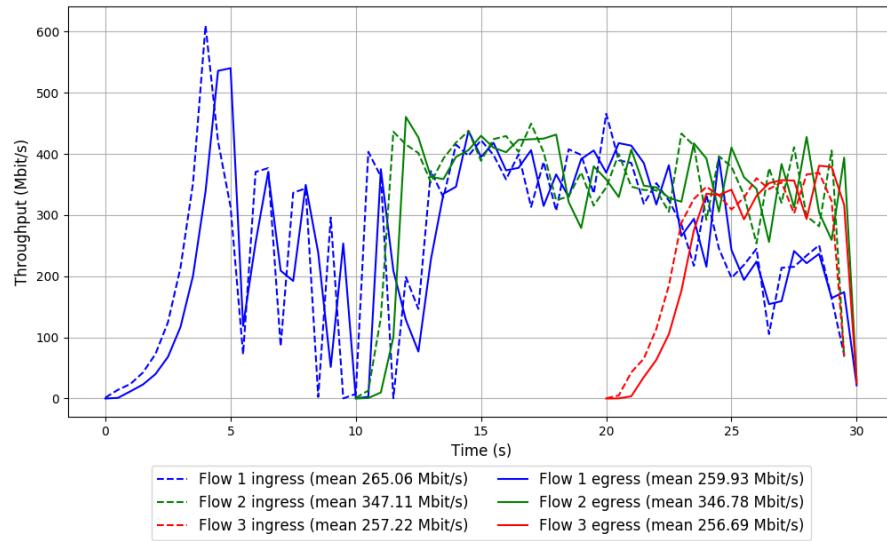


```
Run 2: Statistics of Muses\_DecisionTreeH0

Start at: 2019-08-27 10:14:21
End at: 2019-08-27 10:14:51
Local clock offset: -0.175 ms
Remote clock offset: -0.454 ms

# Below is generated by plot.py at 2019-08-27 14:24:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 569.34 Mbit/s
95th percentile per-packet one-way delay: 127.775 ms
Loss rate: 1.53%
-- Flow 1:
Average throughput: 259.93 Mbit/s
95th percentile per-packet one-way delay: 152.478 ms
Loss rate: 2.20%
-- Flow 2:
Average throughput: 346.78 Mbit/s
95th percentile per-packet one-way delay: 72.832 ms
Loss rate: 0.72%
-- Flow 3:
Average throughput: 256.69 Mbit/s
95th percentile per-packet one-way delay: 69.986 ms
Loss rate: 1.59%
```

Run 2: Report of Muses_DecisionTreeH0 — Data Link

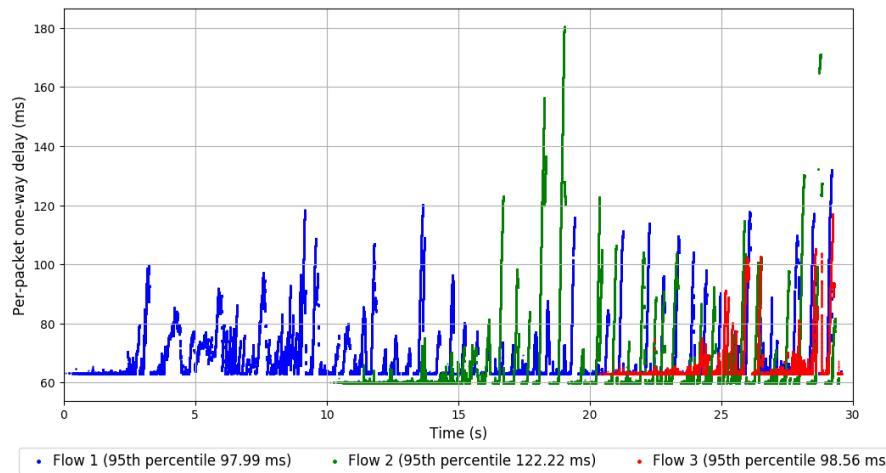
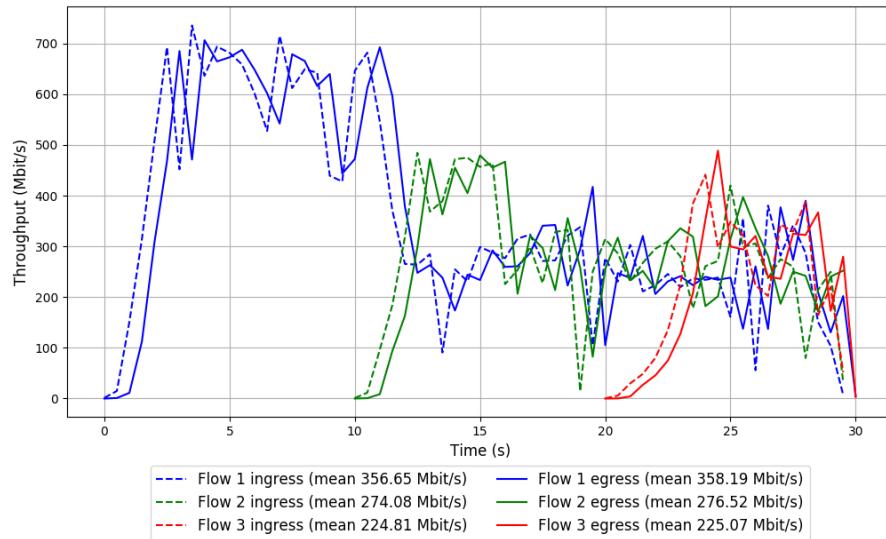


```
Run 3: Statistics of Muses\_DecisionTreeH0

Start at: 2019-08-27 10:55:11
End at: 2019-08-27 10:55:41
Local clock offset: -0.033 ms
Remote clock offset: -0.203 ms

# Below is generated by plot.py at 2019-08-27 14:28:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 610.09 Mbit/s
95th percentile per-packet one-way delay: 102.570 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 358.19 Mbit/s
95th percentile per-packet one-way delay: 97.994 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 276.52 Mbit/s
95th percentile per-packet one-way delay: 122.221 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 225.07 Mbit/s
95th percentile per-packet one-way delay: 98.563 ms
Loss rate: 1.20%
```

Run 3: Report of Muses_DecisionTreeH0 — Data Link

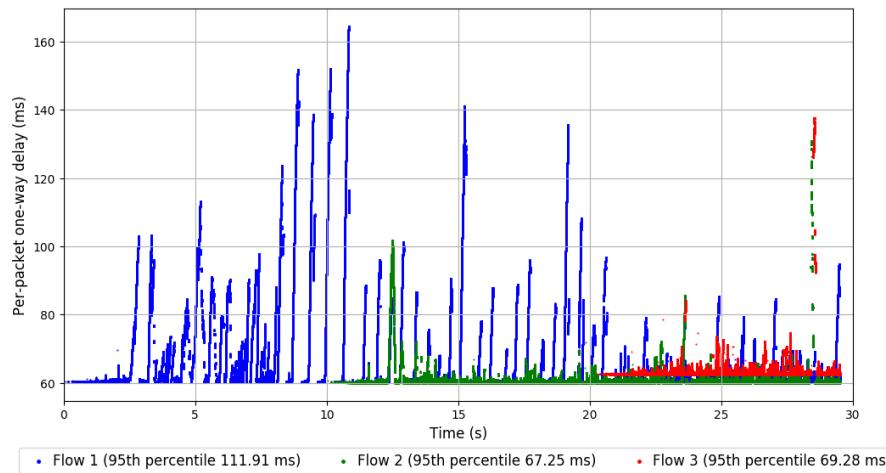
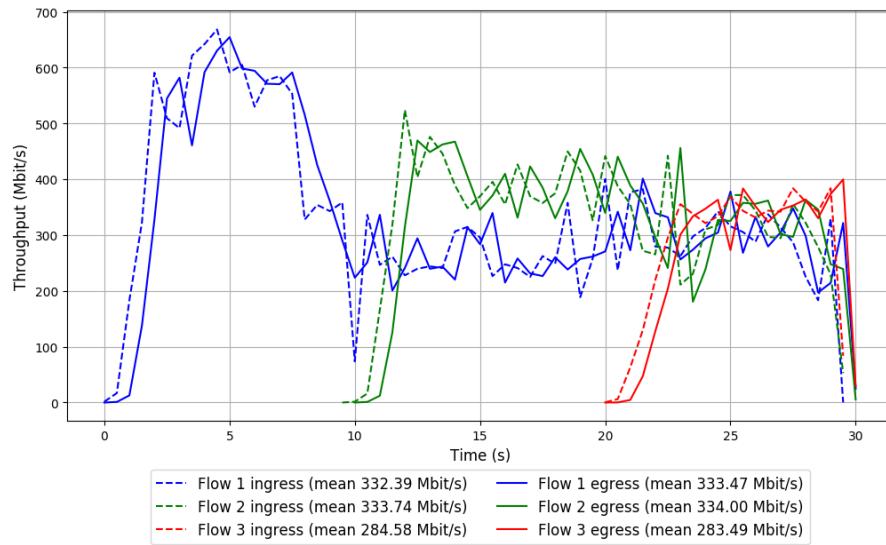


```
Run 4: Statistics of Muses\_DecisionTreeH0

Start at: 2019-08-27 11:36:16
End at: 2019-08-27 11:36:46
Local clock offset: 0.125 ms
Remote clock offset: -0.485 ms

# Below is generated by plot.py at 2019-08-27 14:30:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 643.39 Mbit/s
95th percentile per-packet one-way delay: 97.527 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 333.47 Mbit/s
95th percentile per-packet one-way delay: 111.910 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 334.00 Mbit/s
95th percentile per-packet one-way delay: 67.253 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 283.49 Mbit/s
95th percentile per-packet one-way delay: 69.275 ms
Loss rate: 1.70%
```

Run 4: Report of Muses_DecisionTreeH0 — Data Link

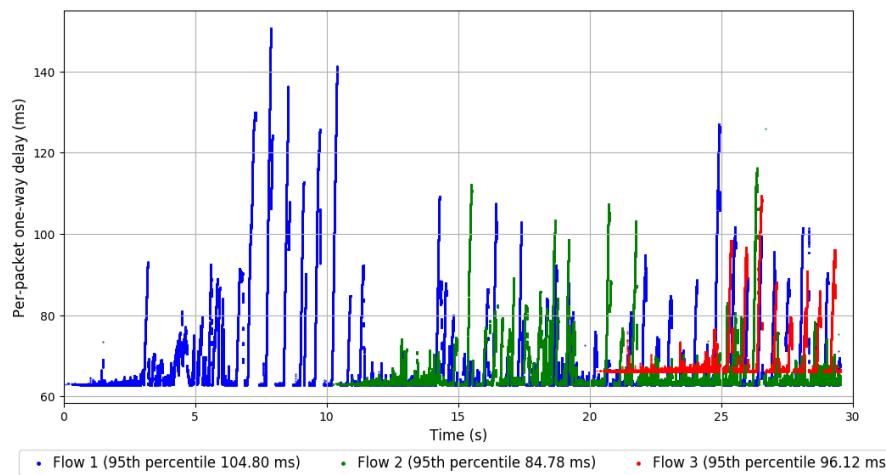
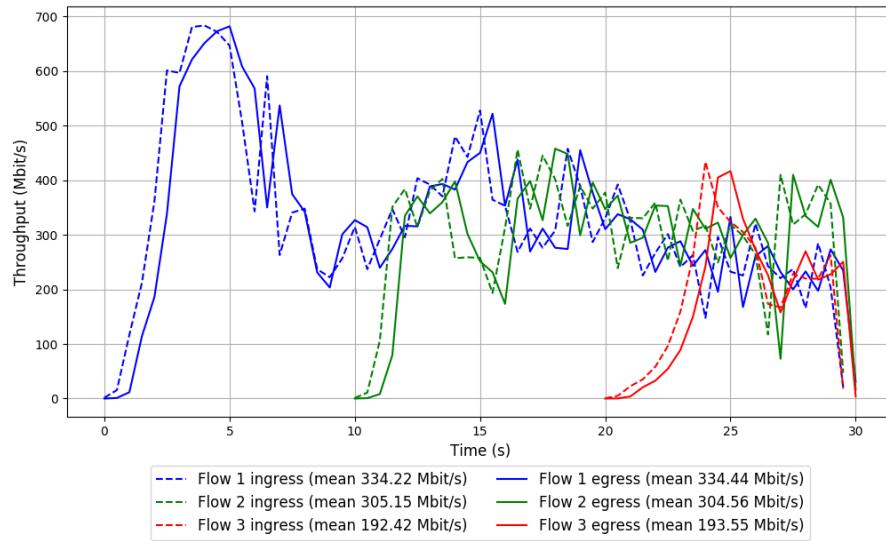


```
Run 5: Statistics of Muses\_DecisionTreeH0

Start at: 2019-08-27 12:17:02
End at: 2019-08-27 12:17:32
Local clock offset: -0.071 ms
Remote clock offset: -0.624 ms

# Below is generated by plot.py at 2019-08-27 14:30:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 595.84 Mbit/s
95th percentile per-packet one-way delay: 98.316 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 334.44 Mbit/s
95th percentile per-packet one-way delay: 104.800 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 304.56 Mbit/s
95th percentile per-packet one-way delay: 84.775 ms
Loss rate: 0.83%
-- Flow 3:
Average throughput: 193.55 Mbit/s
95th percentile per-packet one-way delay: 96.123 ms
Loss rate: 0.77%
```

Run 5: Report of Muses_DecisionTreeH0 — Data Link

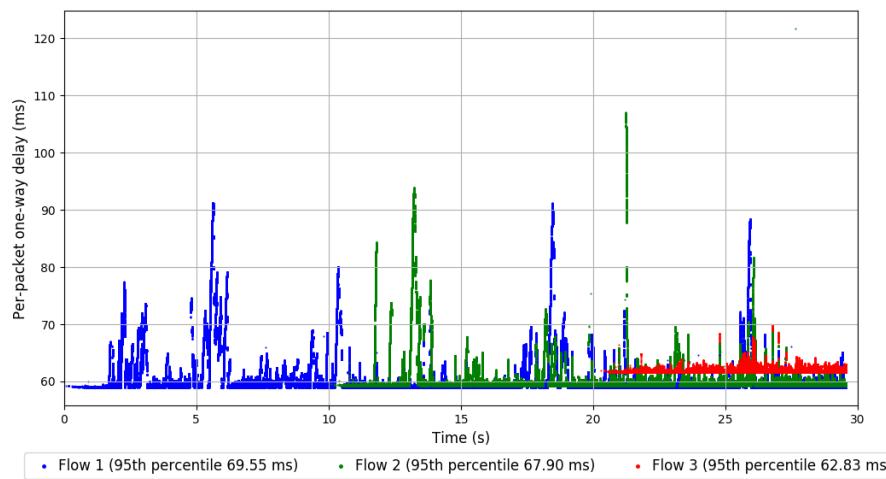
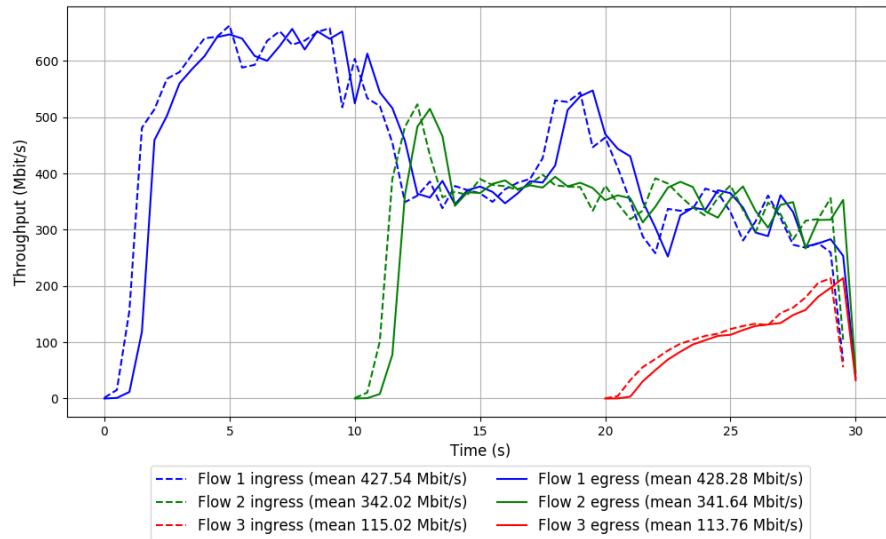


```
Run 1: Statistics of Muses\_DecisionTreeR0

Start at: 2019-08-27 09:31:54
End at: 2019-08-27 09:32:24
Local clock offset: 0.006 ms
Remote clock offset: 0.795 ms

# Below is generated by plot.py at 2019-08-27 14:31:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 689.17 Mbit/s
95th percentile per-packet one-way delay: 68.951 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 428.28 Mbit/s
95th percentile per-packet one-way delay: 69.552 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 341.64 Mbit/s
95th percentile per-packet one-way delay: 67.899 ms
Loss rate: 0.74%
-- Flow 3:
Average throughput: 113.76 Mbit/s
95th percentile per-packet one-way delay: 62.831 ms
Loss rate: 2.46%
```

Run 1: Report of Muses_DecisionTreeR0 — Data Link

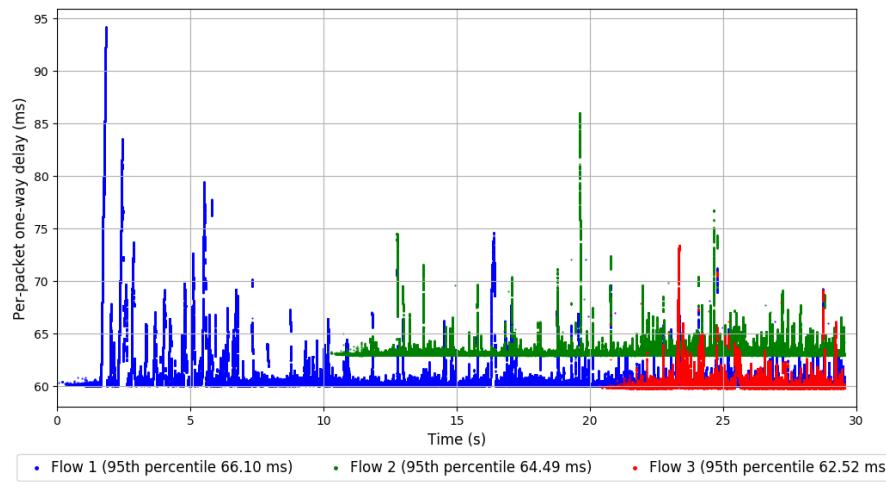
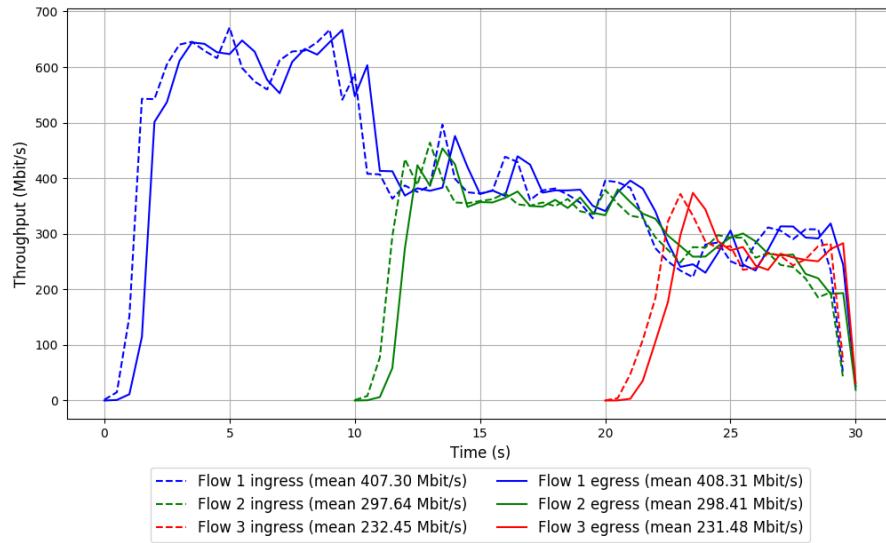


```
Run 2: Statistics of Muses\_DecisionTreeR0

Start at: 2019-08-27 10:12:35
End at: 2019-08-27 10:13:05
Local clock offset: -0.156 ms
Remote clock offset: -0.354 ms

# Below is generated by plot.py at 2019-08-27 14:33:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 676.51 Mbit/s
95th percentile per-packet one-way delay: 65.087 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 408.31 Mbit/s
95th percentile per-packet one-way delay: 66.099 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 298.41 Mbit/s
95th percentile per-packet one-way delay: 64.489 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 231.48 Mbit/s
95th percentile per-packet one-way delay: 62.516 ms
Loss rate: 1.76%
```

Run 2: Report of Muses_DecisionTreeR0 — Data Link

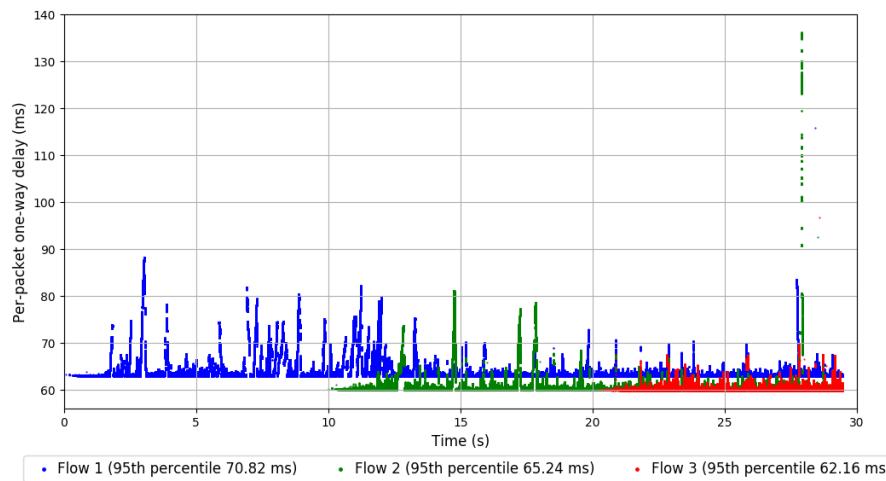
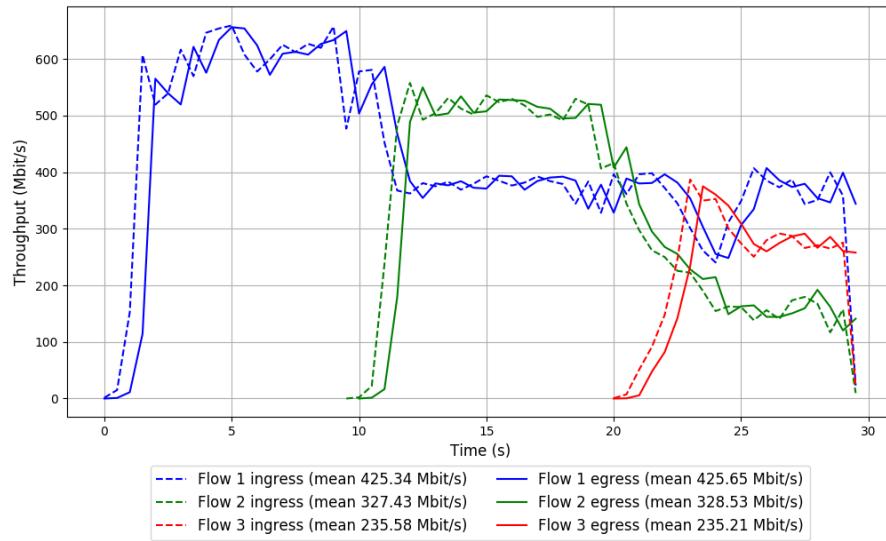


```
Run 3: Statistics of Muses\_DecisionTreeR0

Start at: 2019-08-27 10:53:22
End at: 2019-08-27 10:53:52
Local clock offset: -0.001 ms
Remote clock offset: -0.234 ms

# Below is generated by plot.py at 2019-08-27 14:34:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 717.05 Mbit/s
95th percentile per-packet one-way delay: 69.114 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 425.65 Mbit/s
95th percentile per-packet one-way delay: 70.817 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 328.53 Mbit/s
95th percentile per-packet one-way delay: 65.243 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 235.21 Mbit/s
95th percentile per-packet one-way delay: 62.161 ms
Loss rate: 1.43%
```

Run 3: Report of Muses_DecisionTreeR0 — Data Link

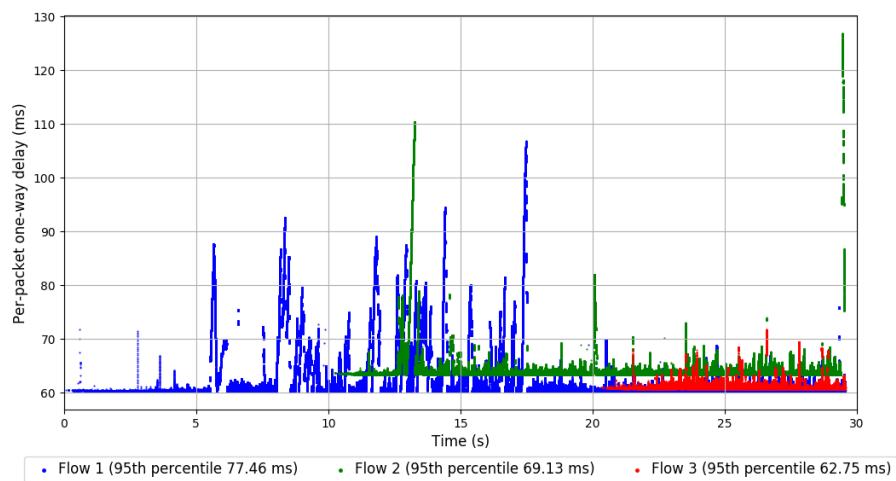
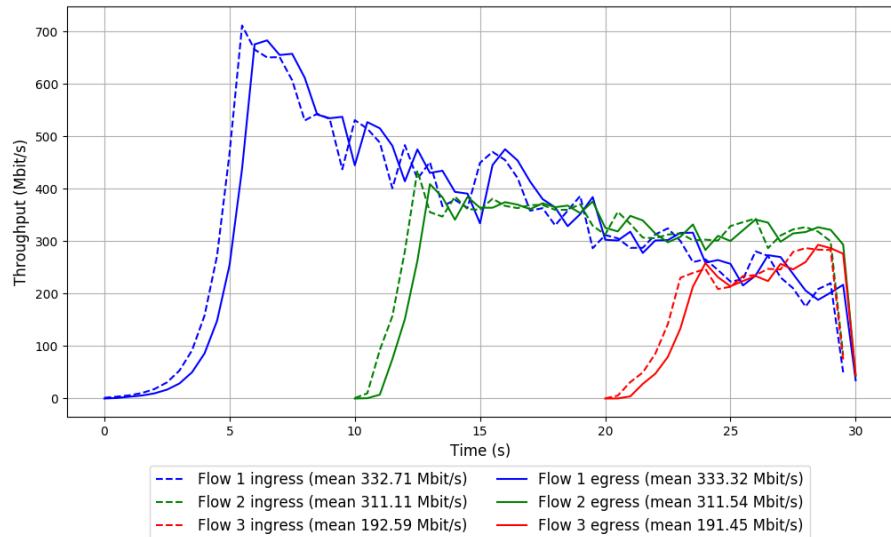


```
Run 4: Statistics of Muses\_DecisionTreeR0

Start at: 2019-08-27 11:34:32
End at: 2019-08-27 11:35:02
Local clock offset: 0.124 ms
Remote clock offset: -0.651 ms

# Below is generated by plot.py at 2019-08-27 14:34:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 598.17 Mbit/s
95th percentile per-packet one-way delay: 74.694 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 333.32 Mbit/s
95th percentile per-packet one-way delay: 77.463 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 311.54 Mbit/s
95th percentile per-packet one-way delay: 69.130 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 191.45 Mbit/s
95th percentile per-packet one-way delay: 62.749 ms
Loss rate: 1.87%
```

Run 4: Report of Muses_DecisionTreeR0 — Data Link

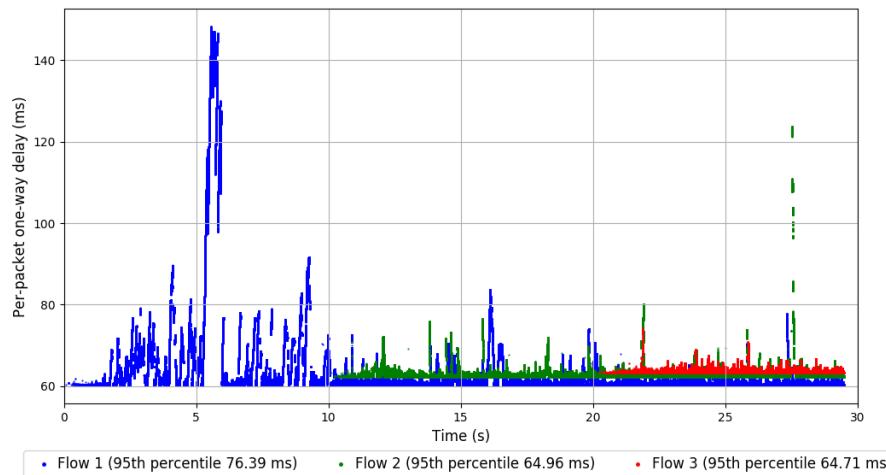
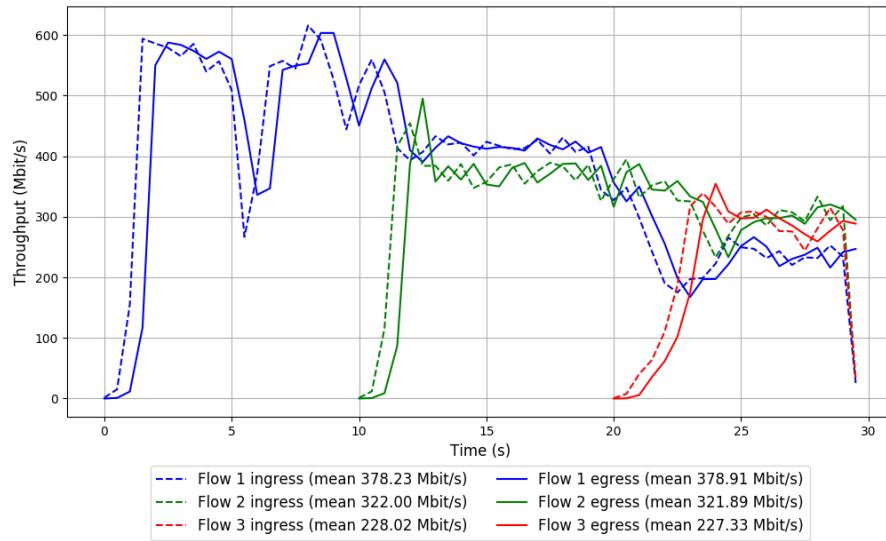


```
Run 5: Statistics of Muses\_DecisionTreeR0

Start at: 2019-08-27 12:15:15
End at: 2019-08-27 12:15:45
Local clock offset: -0.06 ms
Remote clock offset: 0.047 ms

# Below is generated by plot.py at 2019-08-27 14:36:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 662.59 Mbit/s
95th percentile per-packet one-way delay: 72.208 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 378.91 Mbit/s
95th percentile per-packet one-way delay: 76.395 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 321.89 Mbit/s
95th percentile per-packet one-way delay: 64.962 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 227.33 Mbit/s
95th percentile per-packet one-way delay: 64.714 ms
Loss rate: 1.62%
```

Run 5: Report of Muses_DecisionTreeR0 — Data Link

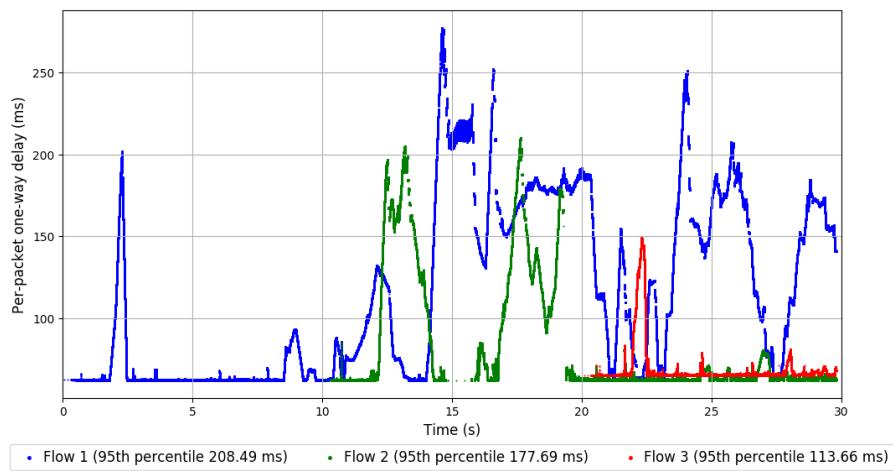
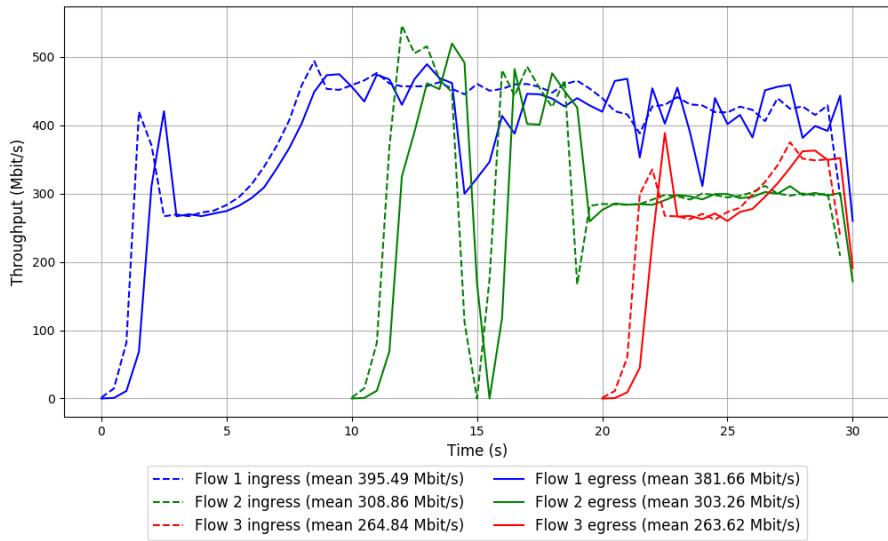


Run 1: Statistics of PCC-Allegro

```
Start at: 2019-08-27 09:07:12
End at: 2019-08-27 09:07:42
Local clock offset: -0.052 ms
Remote clock offset: -0.286 ms

# Below is generated by plot.py at 2019-08-27 14:52:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 668.88 Mbit/s
95th percentile per-packet one-way delay: 189.620 ms
Loss rate: 3.19%
-- Flow 1:
Average throughput: 381.66 Mbit/s
95th percentile per-packet one-way delay: 208.493 ms
Loss rate: 3.90%
-- Flow 2:
Average throughput: 303.26 Mbit/s
95th percentile per-packet one-way delay: 177.694 ms
Loss rate: 2.44%
-- Flow 3:
Average throughput: 263.62 Mbit/s
95th percentile per-packet one-way delay: 113.662 ms
Loss rate: 1.77%
```

Run 1: Report of PCC-Allegro — Data Link

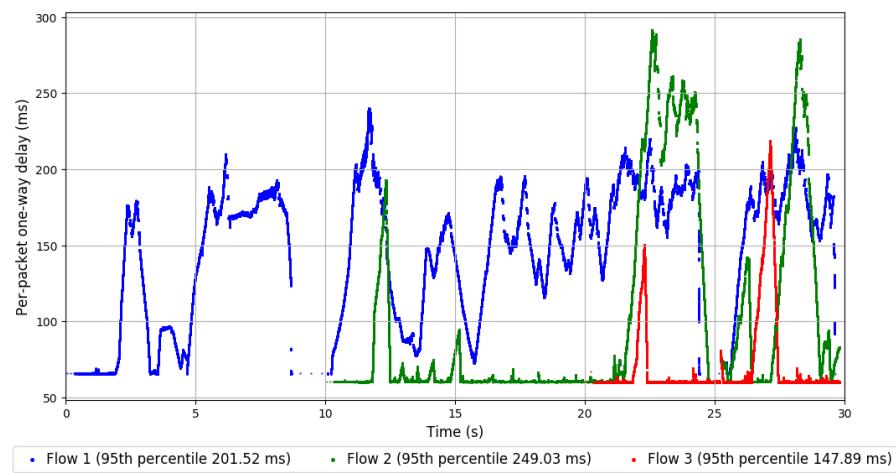
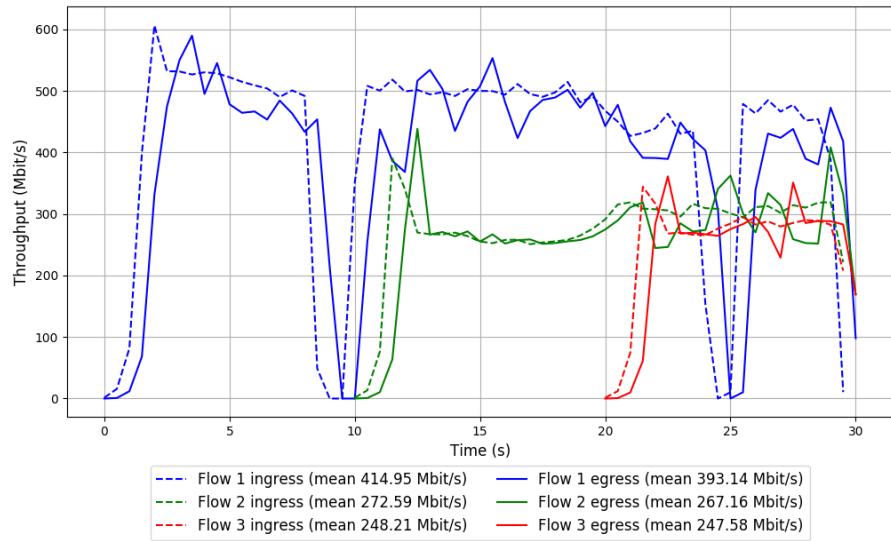


Run 2: Statistics of PCC-Allegro

```
Start at: 2019-08-27 09:47:48
End at: 2019-08-27 09:48:18
Local clock offset: -0.087 ms
Remote clock offset: -0.353 ms

# Below is generated by plot.py at 2019-08-27 14:52:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 649.44 Mbit/s
95th percentile per-packet one-way delay: 210.687 ms
Loss rate: 4.09%
-- Flow 1:
Average throughput: 393.14 Mbit/s
95th percentile per-packet one-way delay: 201.521 ms
Loss rate: 5.26%
-- Flow 2:
Average throughput: 267.16 Mbit/s
95th percentile per-packet one-way delay: 249.026 ms
Loss rate: 2.61%
-- Flow 3:
Average throughput: 247.58 Mbit/s
95th percentile per-packet one-way delay: 147.893 ms
Loss rate: 1.50%
```

Run 2: Report of PCC-Allegro — Data Link

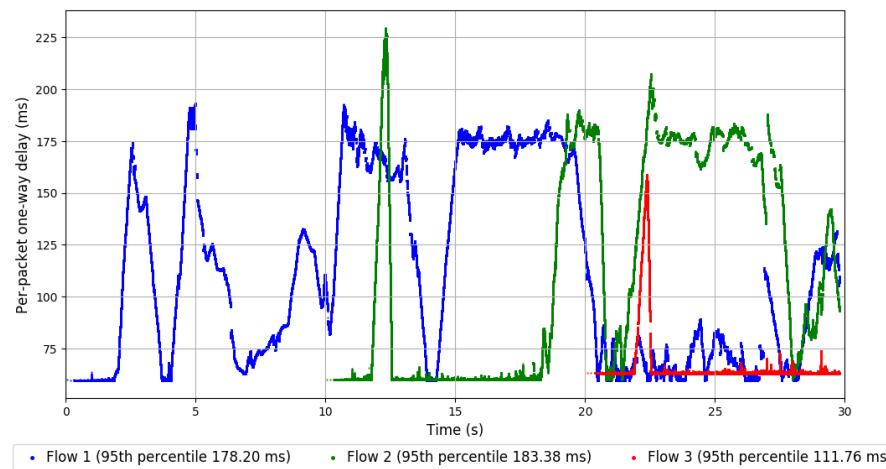
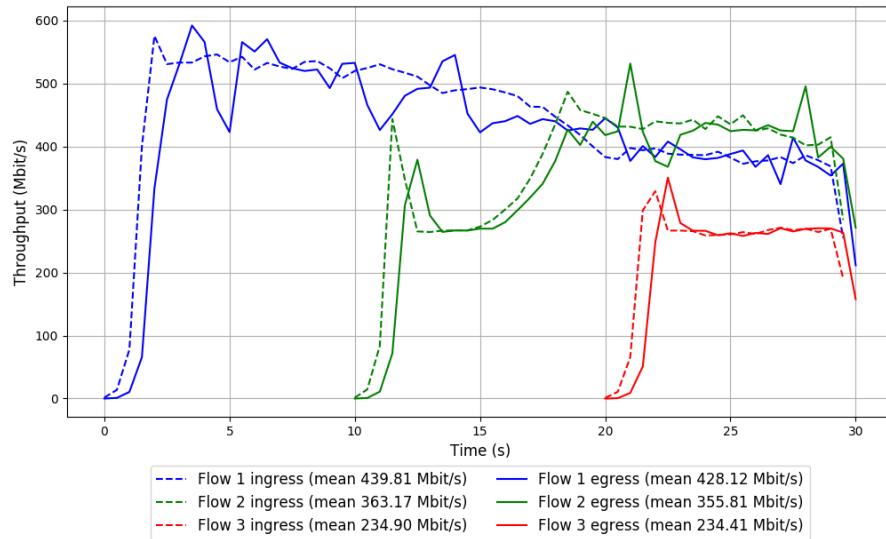


Run 3: Statistics of PCC-Allegro

```
Start at: 2019-08-27 10:28:15
End at: 2019-08-27 10:28:45
Local clock offset: -0.146 ms
Remote clock offset: -0.702 ms

# Below is generated by plot.py at 2019-08-27 14:56:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 740.51 Mbit/s
95th percentile per-packet one-way delay: 179.898 ms
Loss rate: 2.76%
-- Flow 1:
Average throughput: 428.12 Mbit/s
95th percentile per-packet one-way delay: 178.196 ms
Loss rate: 3.05%
-- Flow 2:
Average throughput: 355.81 Mbit/s
95th percentile per-packet one-way delay: 183.383 ms
Loss rate: 2.63%
-- Flow 3:
Average throughput: 234.41 Mbit/s
95th percentile per-packet one-way delay: 111.761 ms
Loss rate: 1.47%
```

Run 3: Report of PCC-Allegro — Data Link

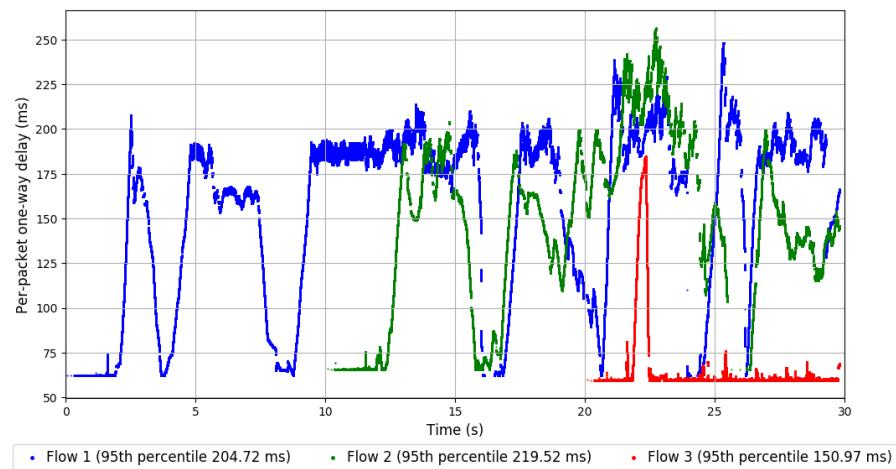
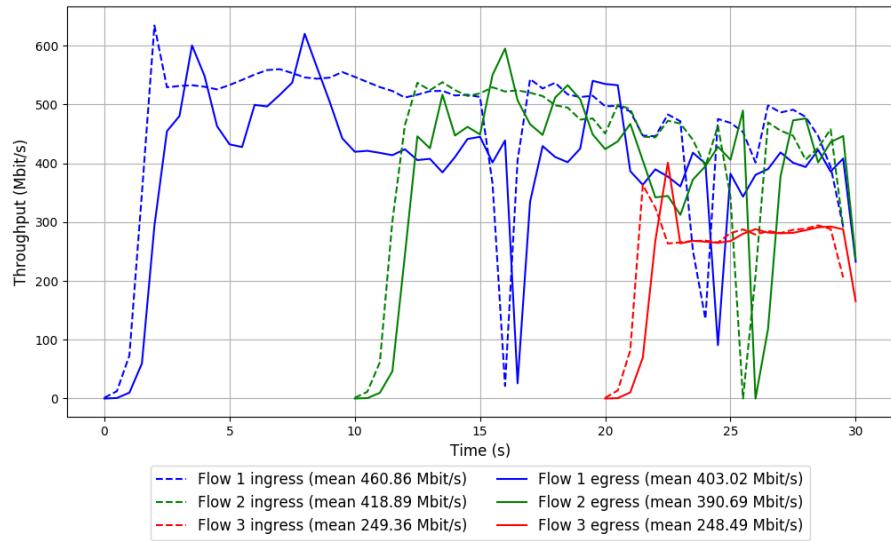


Run 4: Statistics of PCC-Allegro

```
Start at: 2019-08-27 11:09:20
End at: 2019-08-27 11:09:50
Local clock offset: 0.087 ms
Remote clock offset: 0.125 ms

# Below is generated by plot.py at 2019-08-27 14:58:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 743.17 Mbit/s
95th percentile per-packet one-way delay: 206.225 ms
Loss rate: 9.89%
-- Flow 1:
Average throughput: 403.02 Mbit/s
95th percentile per-packet one-way delay: 204.720 ms
Loss rate: 12.91%
-- Flow 2:
Average throughput: 390.69 Mbit/s
95th percentile per-packet one-way delay: 219.516 ms
Loss rate: 7.33%
-- Flow 3:
Average throughput: 248.49 Mbit/s
95th percentile per-packet one-way delay: 150.974 ms
Loss rate: 1.57%
```

Run 4: Report of PCC-Allegro — Data Link

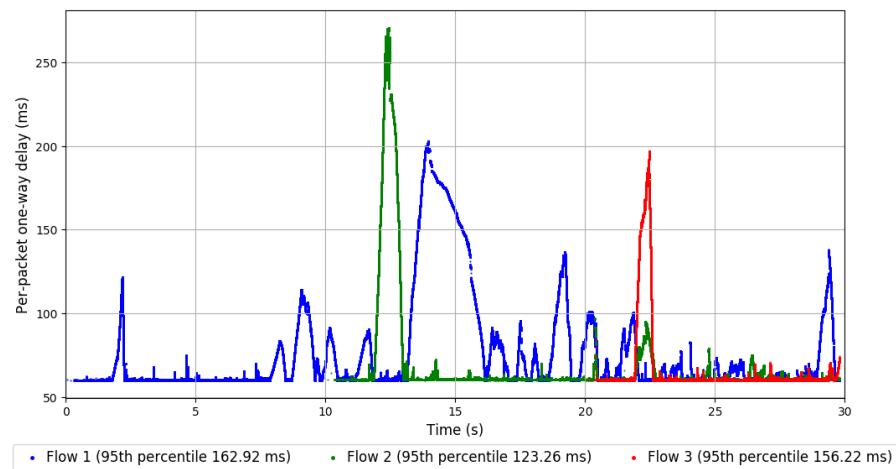
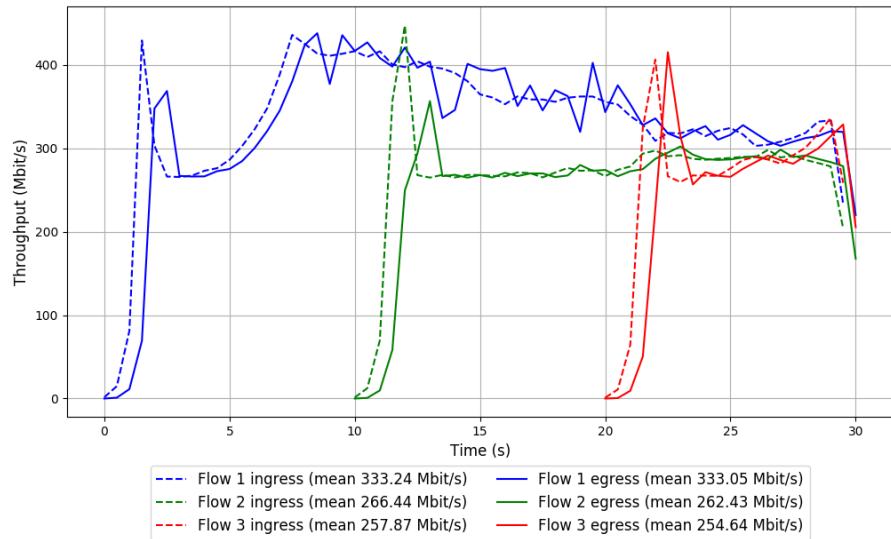


Run 5: Statistics of PCC-Allegro

```
Start at: 2019-08-27 11:50:23
End at: 2019-08-27 11:50:53
Local clock offset: 0.165 ms
Remote clock offset: -0.366 ms

# Below is generated by plot.py at 2019-08-27 14:58:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 590.09 Mbit/s
95th percentile per-packet one-way delay: 157.795 ms
Loss rate: 1.23%
-- Flow 1:
Average throughput: 333.05 Mbit/s
95th percentile per-packet one-way delay: 162.918 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 262.43 Mbit/s
95th percentile per-packet one-way delay: 123.258 ms
Loss rate: 2.10%
-- Flow 3:
Average throughput: 254.64 Mbit/s
95th percentile per-packet one-way delay: 156.221 ms
Loss rate: 2.45%
```

Run 5: Report of PCC-Allegro — Data Link

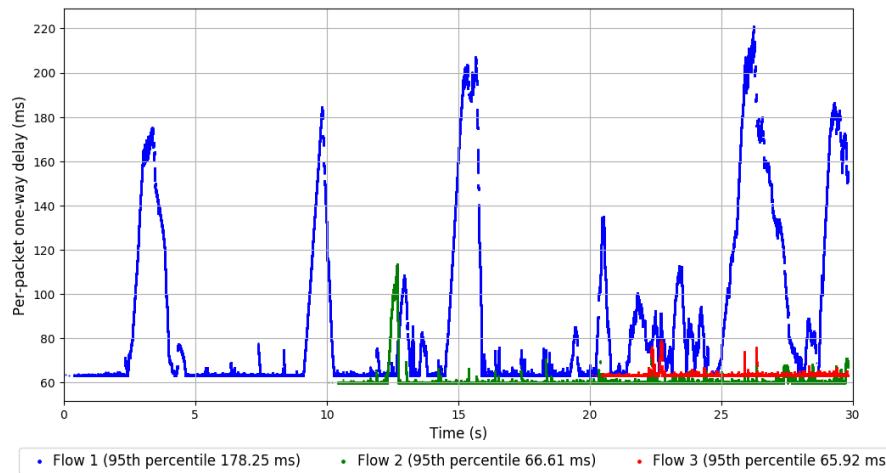
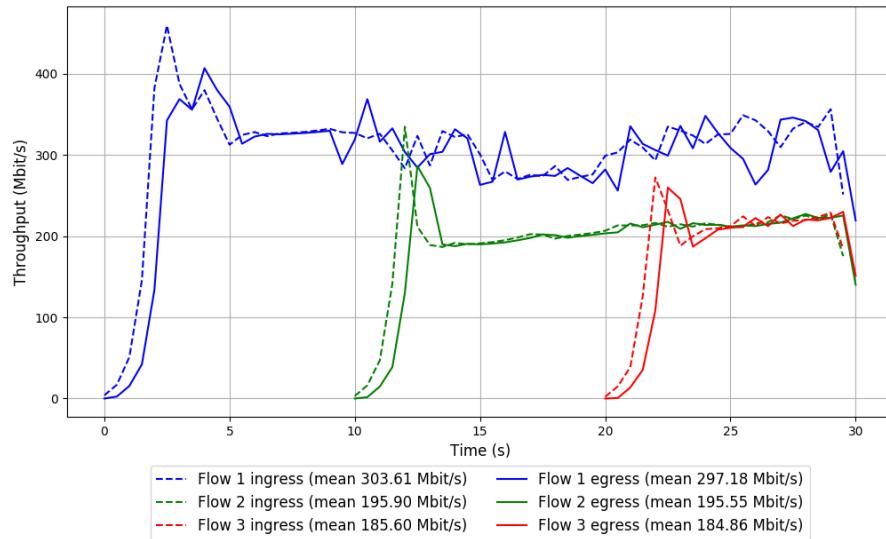


```
Run 1: Statistics of PCC-Expr
```

```
Start at: 2019-08-27 08:56:46
End at: 2019-08-27 08:57:16
Local clock offset: -0.075 ms
Remote clock offset: -0.23 ms

# Below is generated by plot.py at 2019-08-27 14:58:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 487.33 Mbit/s
95th percentile per-packet one-way delay: 167.696 ms
Loss rate: 1.97%
-- Flow 1:
Average throughput: 297.18 Mbit/s
95th percentile per-packet one-way delay: 178.245 ms
Loss rate: 2.53%
-- Flow 2:
Average throughput: 195.55 Mbit/s
95th percentile per-packet one-way delay: 66.605 ms
Loss rate: 0.80%
-- Flow 3:
Average throughput: 184.86 Mbit/s
95th percentile per-packet one-way delay: 65.917 ms
Loss rate: 1.67%
```

Run 1: Report of PCC-Expr — Data Link

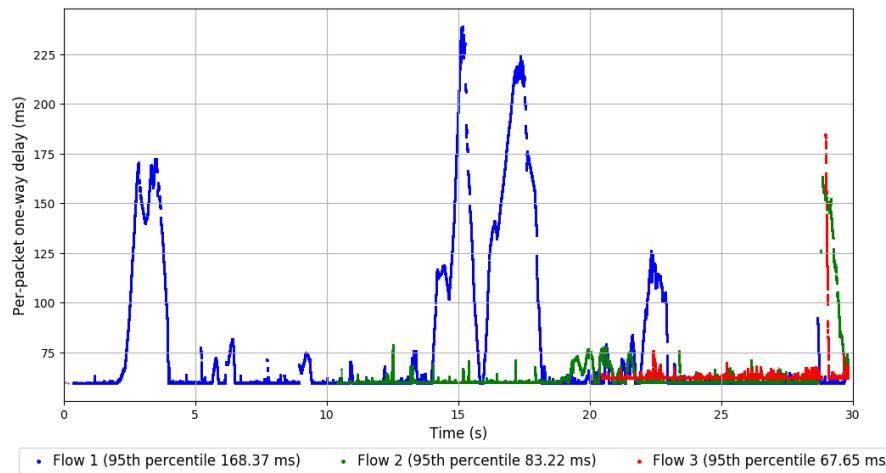
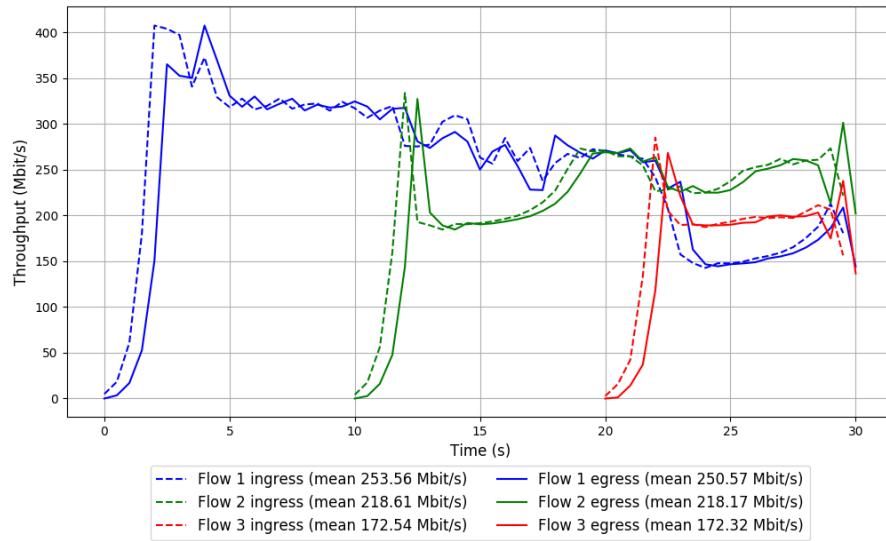


Run 2: Statistics of PCC-Expr

```
Start at: 2019-08-27 09:37:18
End at: 2019-08-27 09:37:48
Local clock offset: -0.043 ms
Remote clock offset: 0.075 ms

# Below is generated by plot.py at 2019-08-27 14:58:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 451.63 Mbit/s
95th percentile per-packet one-way delay: 155.471 ms
Loss rate: 1.33%
-- Flow 1:
Average throughput: 250.57 Mbit/s
95th percentile per-packet one-way delay: 168.367 ms
Loss rate: 1.59%
-- Flow 2:
Average throughput: 218.17 Mbit/s
95th percentile per-packet one-way delay: 83.219 ms
Loss rate: 0.83%
-- Flow 3:
Average throughput: 172.32 Mbit/s
95th percentile per-packet one-way delay: 67.651 ms
Loss rate: 1.42%
```

Run 2: Report of PCC-Expr — Data Link

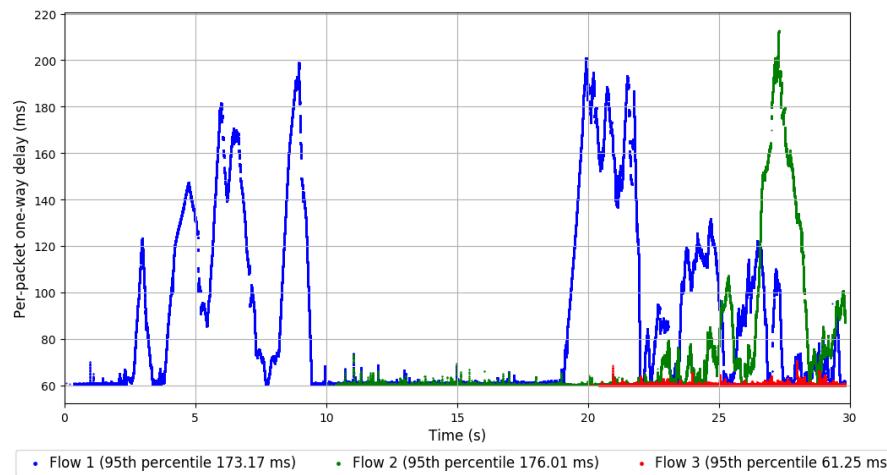
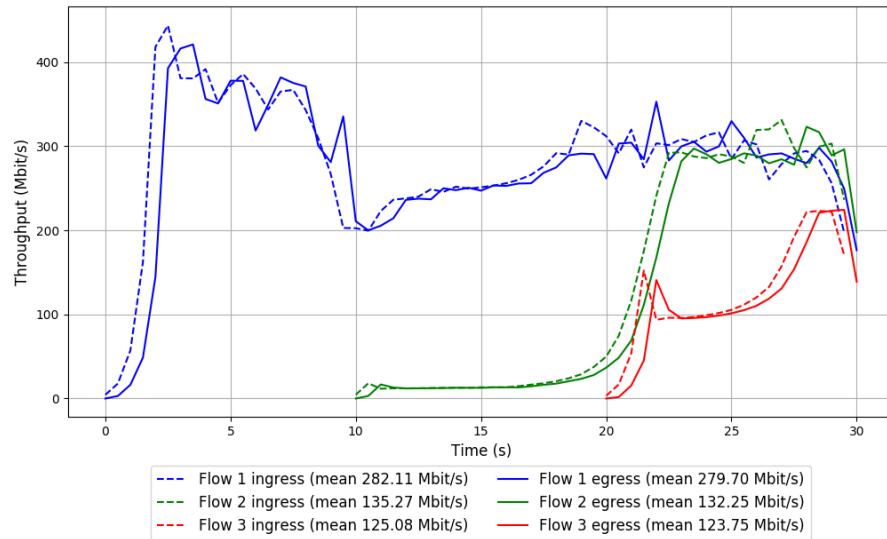


Run 3: Statistics of PCC-Expr

```
Start at: 2019-08-27 10:17:59
End at: 2019-08-27 10:18:29
Local clock offset: -0.173 ms
Remote clock offset: -0.68 ms

# Below is generated by plot.py at 2019-08-27 14:58:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 407.92 Mbit/s
95th percentile per-packet one-way delay: 170.228 ms
Loss rate: 1.72%
-- Flow 1:
Average throughput: 279.70 Mbit/s
95th percentile per-packet one-way delay: 173.168 ms
Loss rate: 1.27%
-- Flow 2:
Average throughput: 132.25 Mbit/s
95th percentile per-packet one-way delay: 176.010 ms
Loss rate: 2.84%
-- Flow 3:
Average throughput: 123.75 Mbit/s
95th percentile per-packet one-way delay: 61.253 ms
Loss rate: 2.31%
```

Run 3: Report of PCC-Expr — Data Link

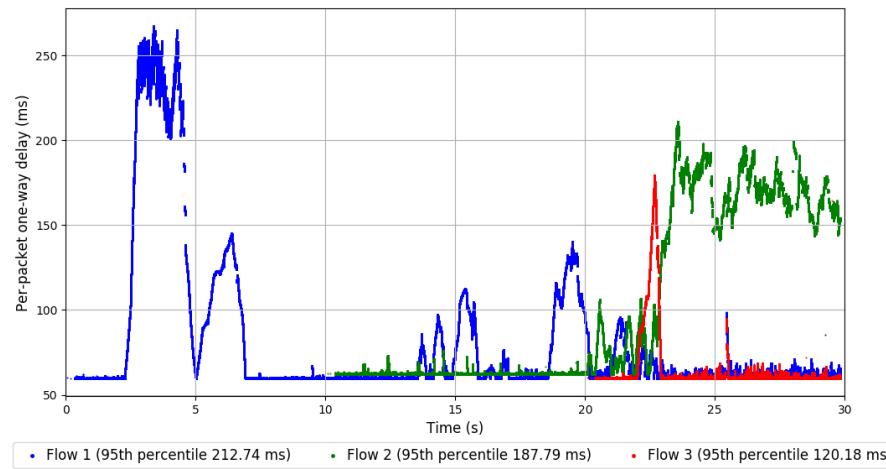
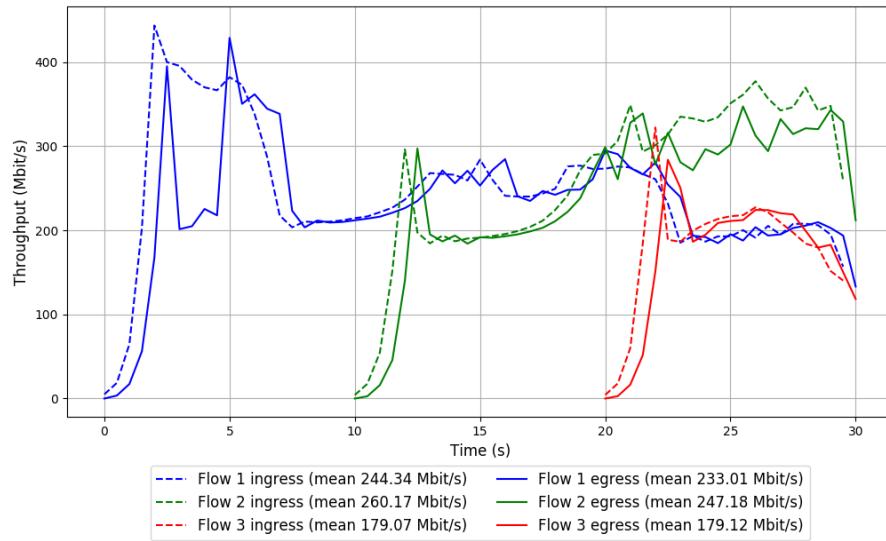


Run 4: Statistics of PCC-Expr

```
Start at: 2019-08-27 10:58:50
End at: 2019-08-27 10:59:20
Local clock offset: 0.019 ms
Remote clock offset: -0.071 ms

# Below is generated by plot.py at 2019-08-27 15:04:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 455.62 Mbit/s
95th percentile per-packet one-way delay: 186.775 ms
Loss rate: 4.75%
-- Flow 1:
Average throughput: 233.01 Mbit/s
95th percentile per-packet one-way delay: 212.740 ms
Loss rate: 5.02%
-- Flow 2:
Average throughput: 247.18 Mbit/s
95th percentile per-packet one-way delay: 187.788 ms
Loss rate: 5.58%
-- Flow 3:
Average throughput: 179.12 Mbit/s
95th percentile per-packet one-way delay: 120.181 ms
Loss rate: 1.23%
```

Run 4: Report of PCC-Expr — Data Link

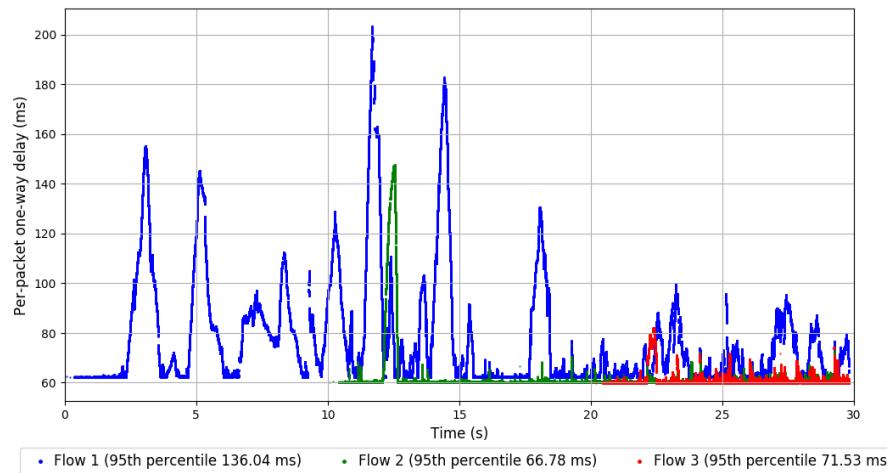
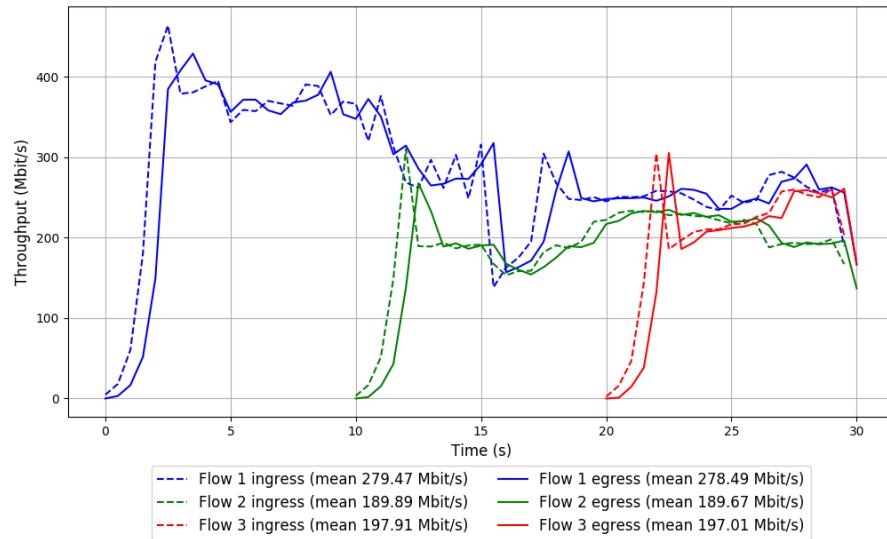


Run 5: Statistics of PCC-Expr

```
Start at: 2019-08-27 11:39:51
End at: 2019-08-27 11:40:21
Local clock offset: 0.131 ms
Remote clock offset: -0.153 ms

# Below is generated by plot.py at 2019-08-27 15:06:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 468.73 Mbit/s
95th percentile per-packet one-way delay: 120.750 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 278.49 Mbit/s
95th percentile per-packet one-way delay: 136.036 ms
Loss rate: 0.76%
-- Flow 2:
Average throughput: 189.67 Mbit/s
95th percentile per-packet one-way delay: 66.784 ms
Loss rate: 0.72%
-- Flow 3:
Average throughput: 197.01 Mbit/s
95th percentile per-packet one-way delay: 71.525 ms
Loss rate: 1.69%
```

Run 5: Report of PCC-Expr — Data Link

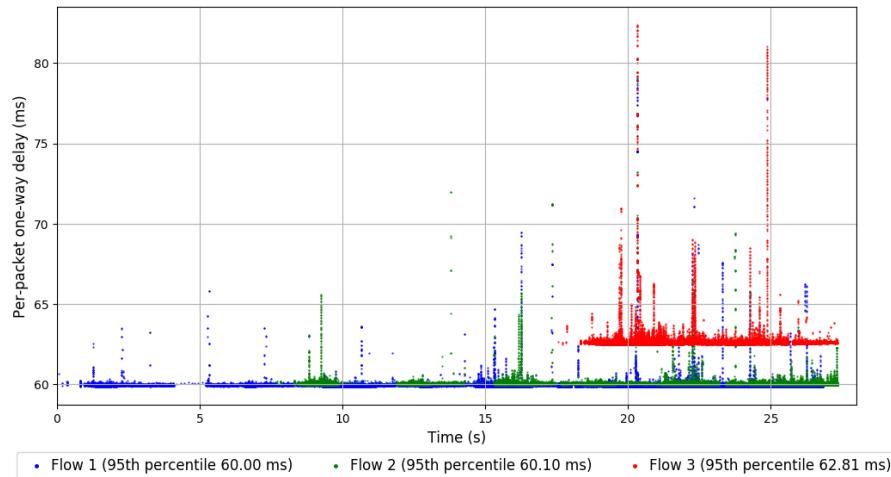
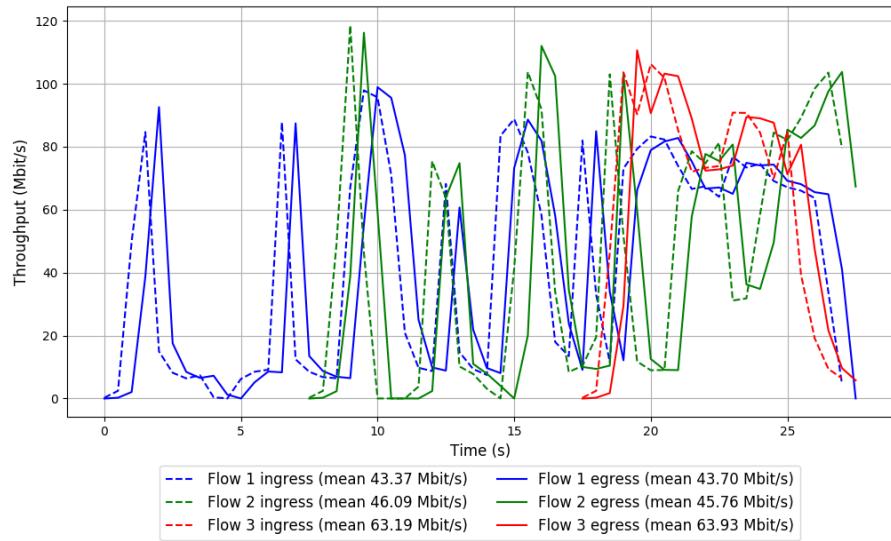


```
Run 1: Statistics of QUIC Cubic

Start at: 2019-08-27 08:58:44
End at: 2019-08-27 08:59:14
Local clock offset: -0.075 ms
Remote clock offset: -0.281 ms

# Below is generated by plot.py at 2019-08-27 15:06:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 99.54 Mbit/s
95th percentile per-packet one-way delay: 62.593 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 43.70 Mbit/s
95th percentile per-packet one-way delay: 59.998 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 45.76 Mbit/s
95th percentile per-packet one-way delay: 60.096 ms
Loss rate: 1.33%
-- Flow 3:
Average throughput: 63.93 Mbit/s
95th percentile per-packet one-way delay: 62.813 ms
Loss rate: 0.14%
```

Run 1: Report of QUIC Cubic — Data Link

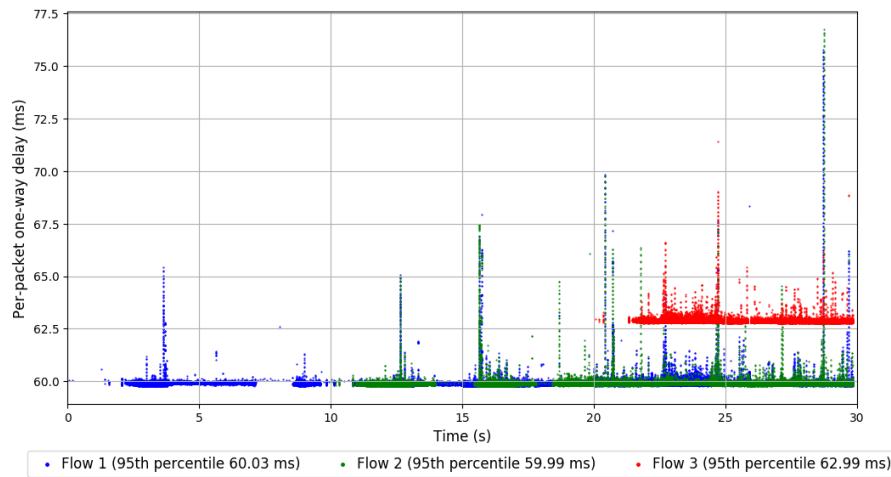
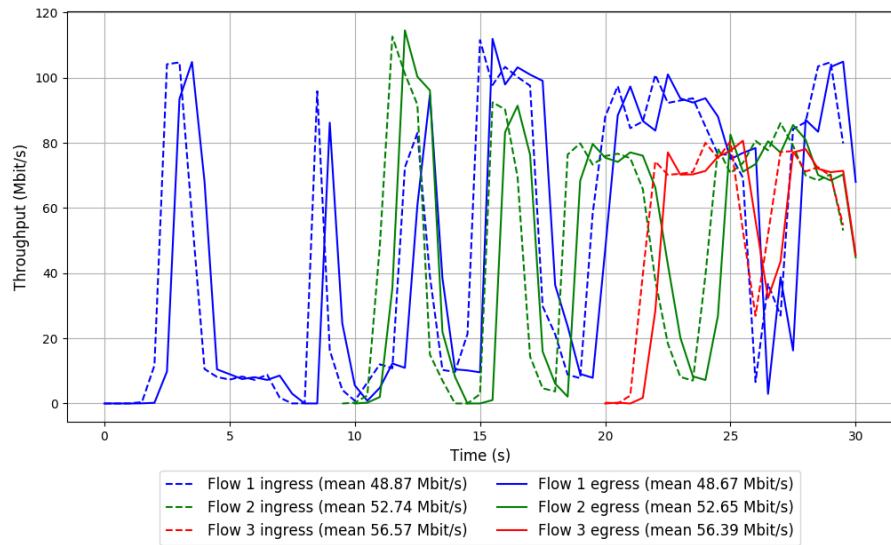


Run 2: Statistics of QUIC Cubic

```
Start at: 2019-08-27 09:39:13
End at: 2019-08-27 09:39:43
Local clock offset: -0.076 ms
Remote clock offset: 0.053 ms

# Below is generated by plot.py at 2019-08-27 15:06:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 102.13 Mbit/s
95th percentile per-packet one-way delay: 62.877 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 48.67 Mbit/s
95th percentile per-packet one-way delay: 60.027 ms
Loss rate: 0.83%
-- Flow 2:
Average throughput: 52.65 Mbit/s
95th percentile per-packet one-way delay: 59.990 ms
Loss rate: 0.79%
-- Flow 3:
Average throughput: 56.39 Mbit/s
95th percentile per-packet one-way delay: 62.991 ms
Loss rate: 1.58%
```

Run 2: Report of QUIC Cubic — Data Link

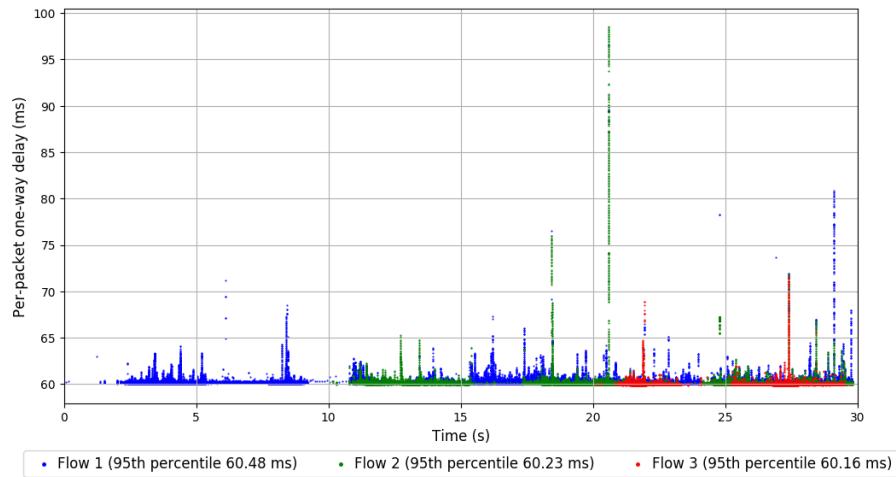
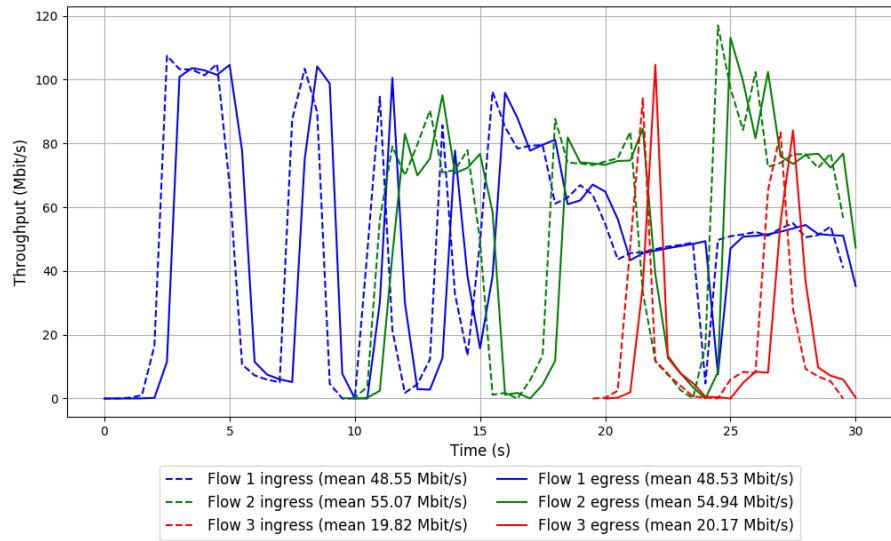


Run 3: Statistics of QUIC Cubic

```
Start at: 2019-08-27 10:19:50
End at: 2019-08-27 10:20:20
Local clock offset: -0.136 ms
Remote clock offset: -0.677 ms

# Below is generated by plot.py at 2019-08-27 15:06:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.59 Mbit/s
95th percentile per-packet one-way delay: 60.363 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 48.53 Mbit/s
95th percentile per-packet one-way delay: 60.479 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 54.94 Mbit/s
95th percentile per-packet one-way delay: 60.231 ms
Loss rate: 0.85%
-- Flow 3:
Average throughput: 20.17 Mbit/s
95th percentile per-packet one-way delay: 60.163 ms
Loss rate: 0.00%
```

Run 3: Report of QUIC Cubic — Data Link

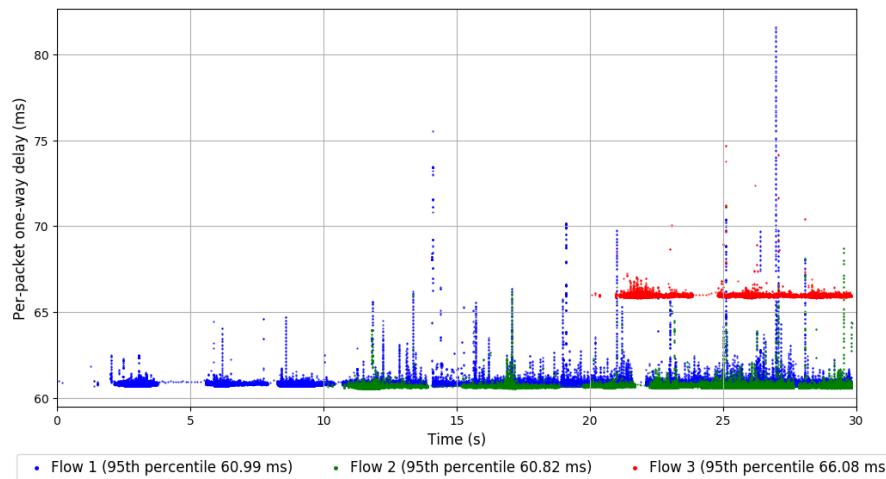
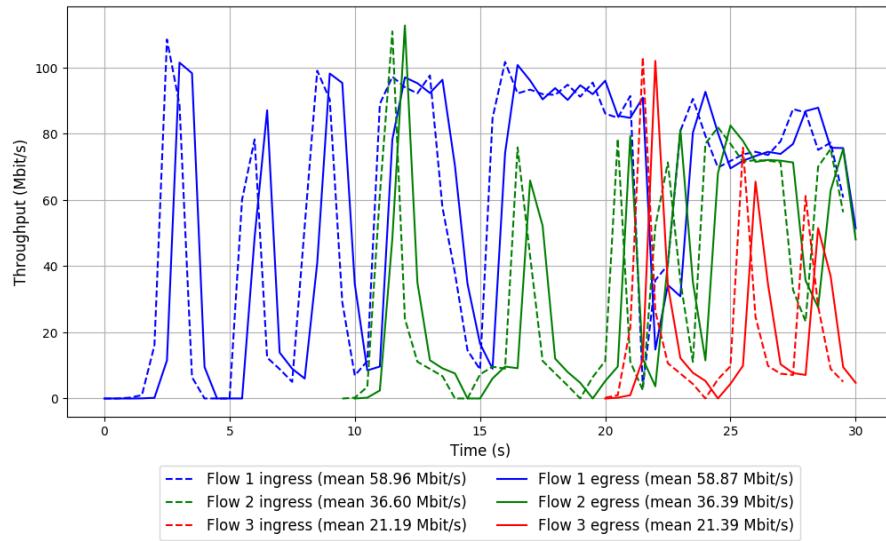


Run 4: Statistics of QUIC Cubic

```
Start at: 2019-08-27 11:00:46
End at: 2019-08-27 11:01:16
Local clock offset: 0.016 ms
Remote clock offset: -0.691 ms

# Below is generated by plot.py at 2019-08-27 15:06:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.05 Mbit/s
95th percentile per-packet one-way delay: 65.925 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 58.87 Mbit/s
95th percentile per-packet one-way delay: 60.986 ms
Loss rate: 0.54%
-- Flow 2:
Average throughput: 36.39 Mbit/s
95th percentile per-packet one-way delay: 60.819 ms
Loss rate: 1.17%
-- Flow 3:
Average throughput: 21.39 Mbit/s
95th percentile per-packet one-way delay: 66.079 ms
Loss rate: 0.31%
```

Run 4: Report of QUIC Cubic — Data Link

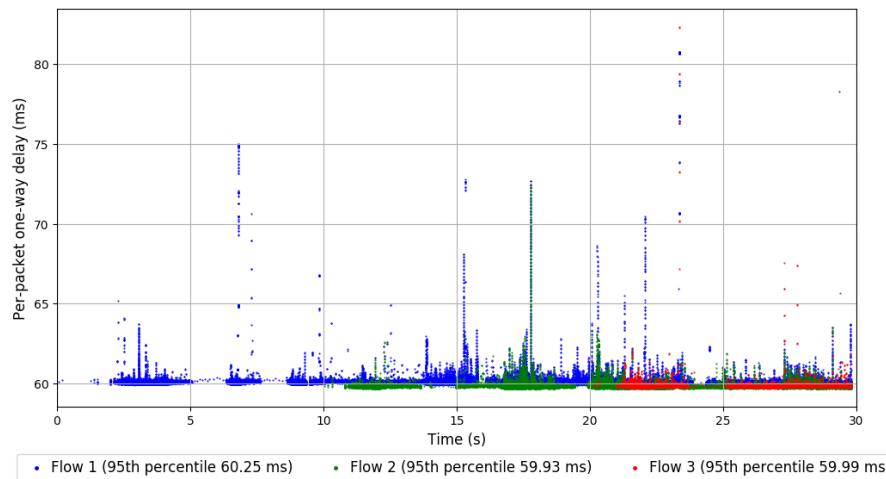
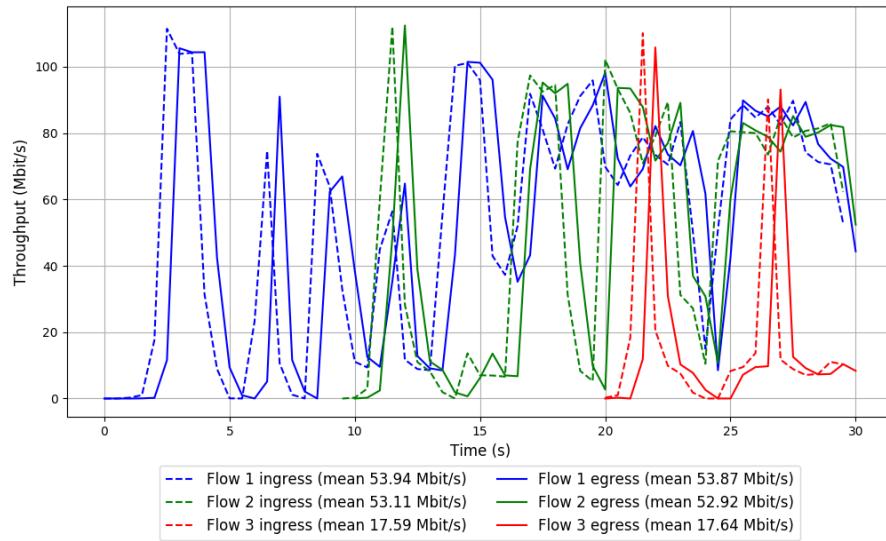


Run 5: Statistics of QUIC Cubic

```
Start at: 2019-08-27 11:41:48
End at: 2019-08-27 11:42:18
Local clock offset: 0.165 ms
Remote clock offset: -0.178 ms

# Below is generated by plot.py at 2019-08-27 15:06:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.81 Mbit/s
95th percentile per-packet one-way delay: 60.185 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 53.87 Mbit/s
95th percentile per-packet one-way delay: 60.248 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 52.92 Mbit/s
95th percentile per-packet one-way delay: 59.931 ms
Loss rate: 0.94%
-- Flow 3:
Average throughput: 17.64 Mbit/s
95th percentile per-packet one-way delay: 59.986 ms
Loss rate: 0.98%
```

Run 5: Report of QUIC Cubic — Data Link

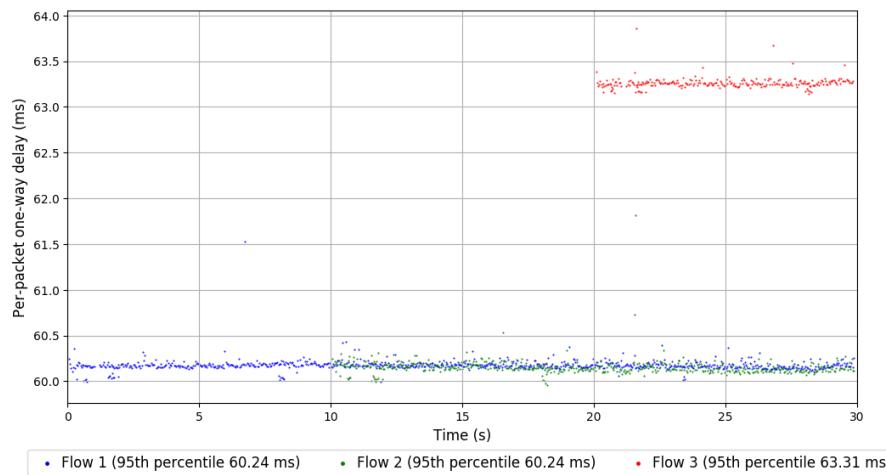
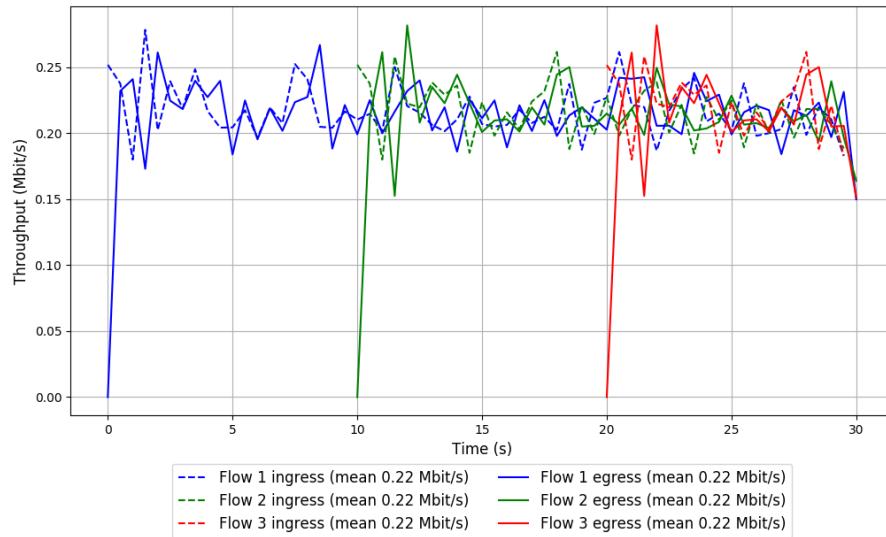


Run 1: Statistics of SCReAM

```
Start at: 2019-08-27 09:22:05
End at: 2019-08-27 09:22:35
Local clock offset: -0.037 ms
Remote clock offset: -0.033 ms

# Below is generated by plot.py at 2019-08-27 15:06:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 63.274 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 60.242 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 60.236 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 63.311 ms
Loss rate: 1.45%
```

Run 1: Report of SCReAM — Data Link

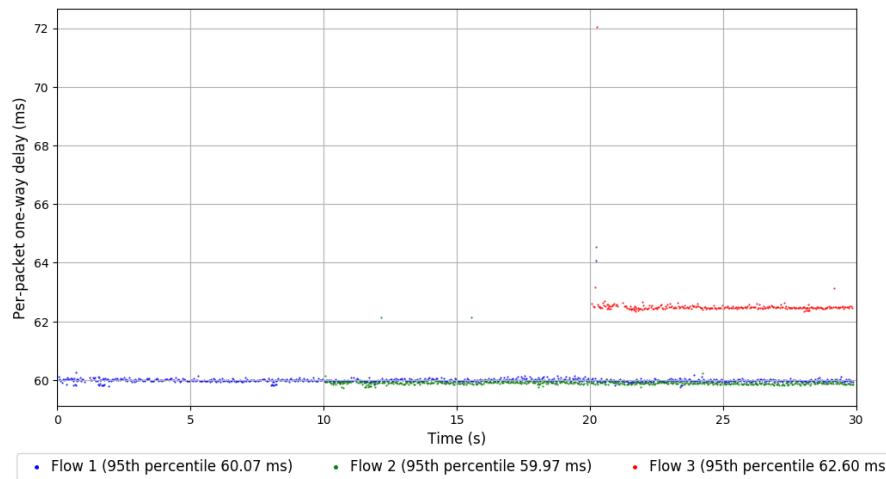
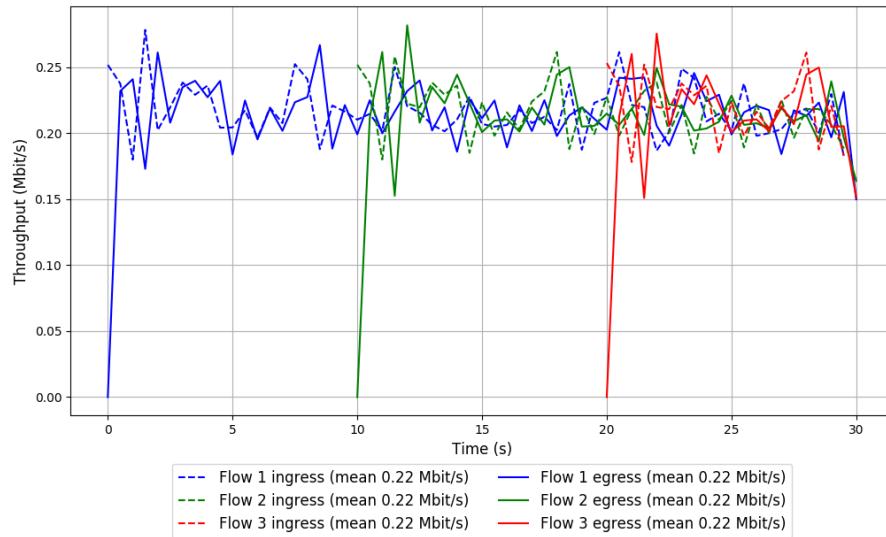


Run 2: Statistics of SCReAM

```
Start at: 2019-08-27 10:02:52
End at: 2019-08-27 10:03:22
Local clock offset: -0.128 ms
Remote clock offset: -0.122 ms

# Below is generated by plot.py at 2019-08-27 15:06:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 62.498 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 60.074 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 59.972 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 62.598 ms
Loss rate: 1.45%
```

Run 2: Report of SCReAM — Data Link

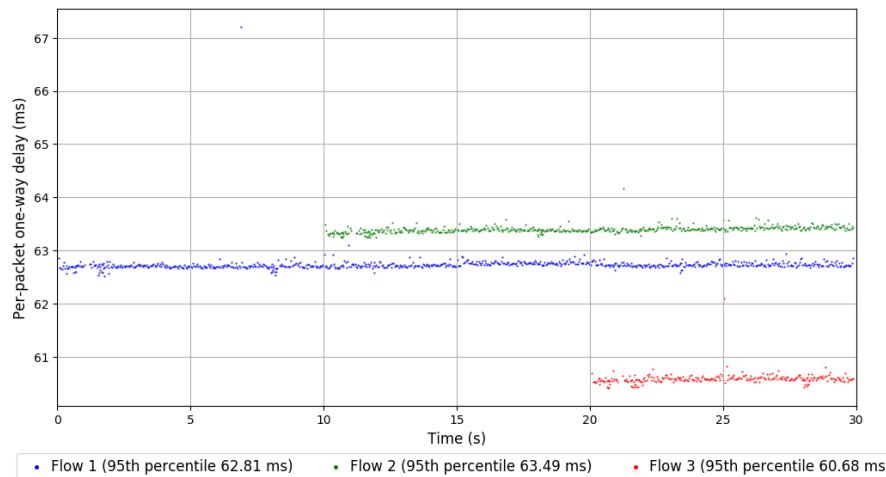
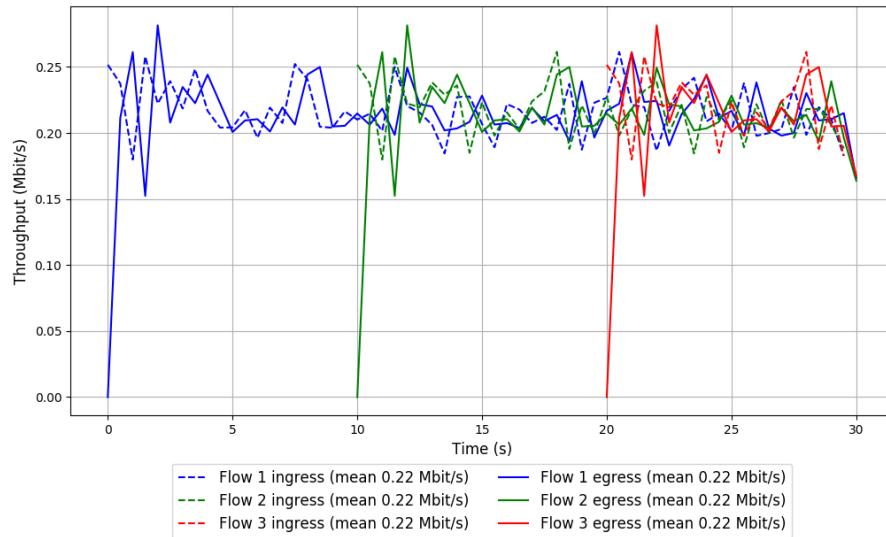


Run 3: Statistics of SCReAM

```
Start at: 2019-08-27 10:43:30
End at: 2019-08-27 10:44:00
Local clock offset: -0.145 ms
Remote clock offset: -0.952 ms

# Below is generated by plot.py at 2019-08-27 15:06:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 63.438 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 62.812 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 63.488 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 60.676 ms
Loss rate: 1.08%
```

Run 3: Report of SCReAM — Data Link

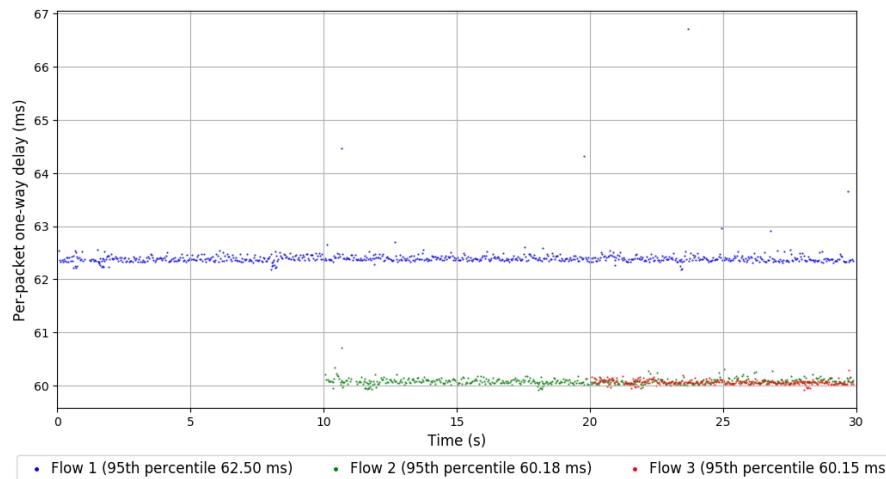
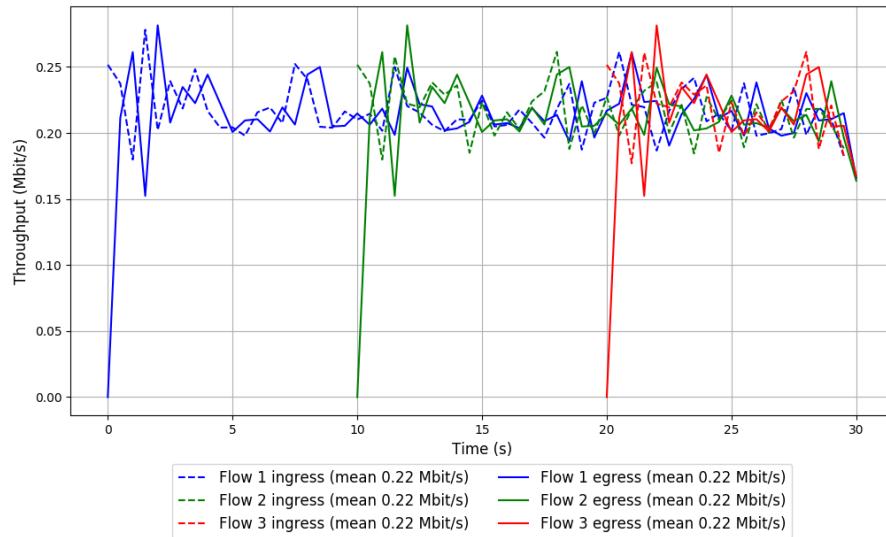


Run 4: Statistics of SCReAM

```
Start at: 2019-08-27 11:24:36
End at: 2019-08-27 11:25:06
Local clock offset: 0.084 ms
Remote clock offset: -0.059 ms

# Below is generated by plot.py at 2019-08-27 15:06:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 62.469 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 62.497 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 60.176 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 60.145 ms
Loss rate: 1.08%
```

Run 4: Report of SCReAM — Data Link

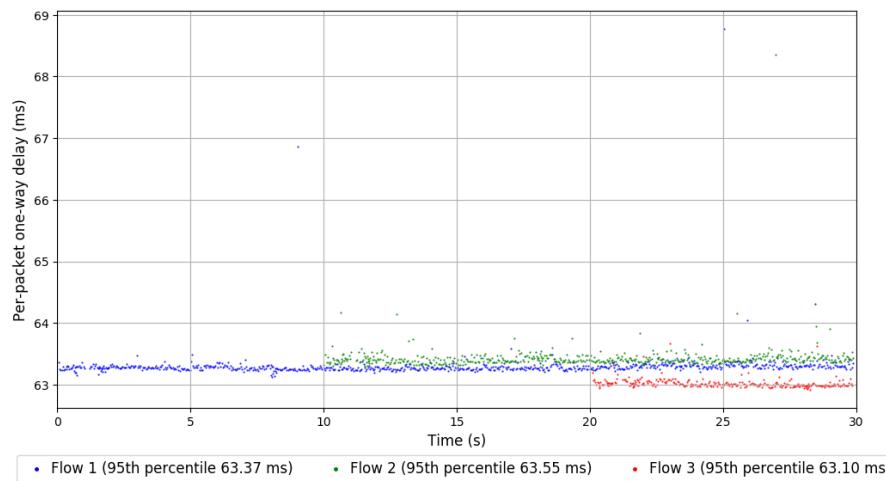
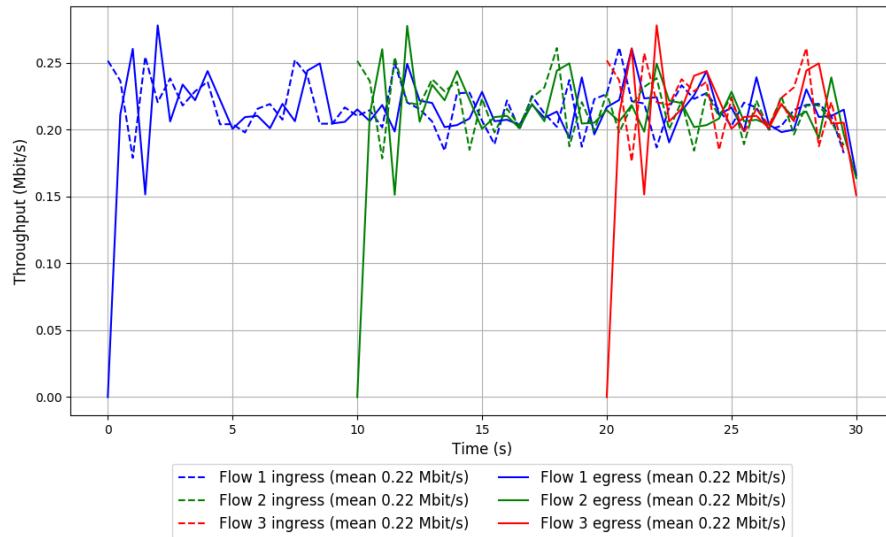


Run 5: Statistics of SCReAM

```
Start at: 2019-08-27 12:05:28
End at: 2019-08-27 12:05:58
Local clock offset: 0.001 ms
Remote clock offset: -0.001 ms

# Below is generated by plot.py at 2019-08-27 15:06:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 63.486 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 63.373 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 63.552 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 63.101 ms
Loss rate: 1.45%
```

Run 5: Report of SCReAM — Data Link

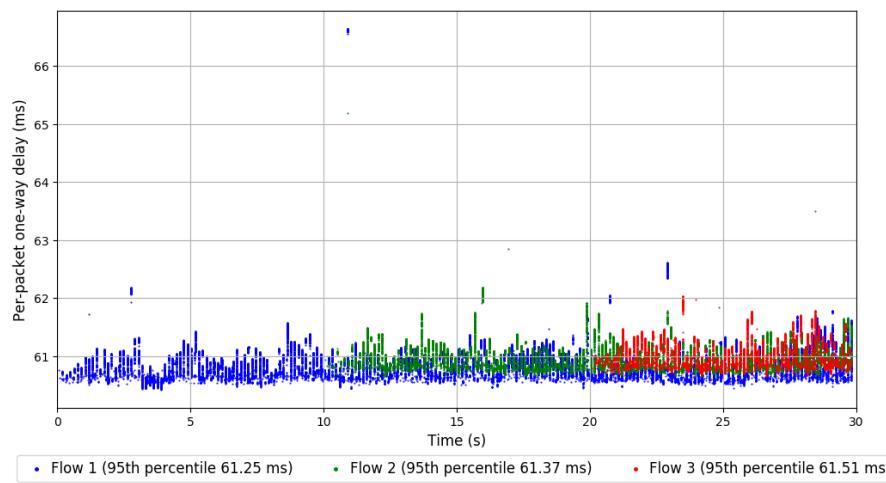
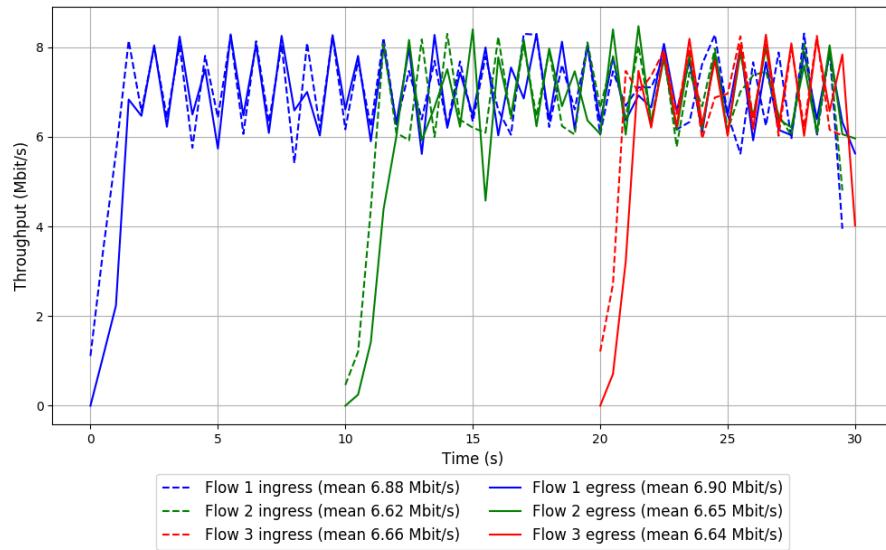


Run 1: Statistics of Sprout

```
Start at: 2019-08-27 09:19:38
End at: 2019-08-27 09:20:08
Local clock offset: -0.006 ms
Remote clock offset: -0.676 ms

# Below is generated by plot.py at 2019-08-27 15:06:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.48 Mbit/s
95th percentile per-packet one-way delay: 61.349 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 6.90 Mbit/s
95th percentile per-packet one-way delay: 61.249 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.65 Mbit/s
95th percentile per-packet one-way delay: 61.367 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 6.64 Mbit/s
95th percentile per-packet one-way delay: 61.512 ms
Loss rate: 1.53%
```

Run 1: Report of Sprout — Data Link

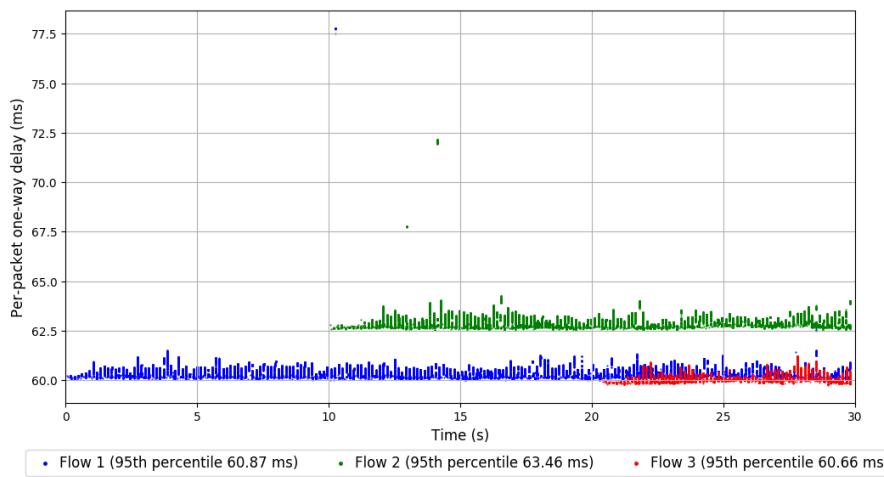
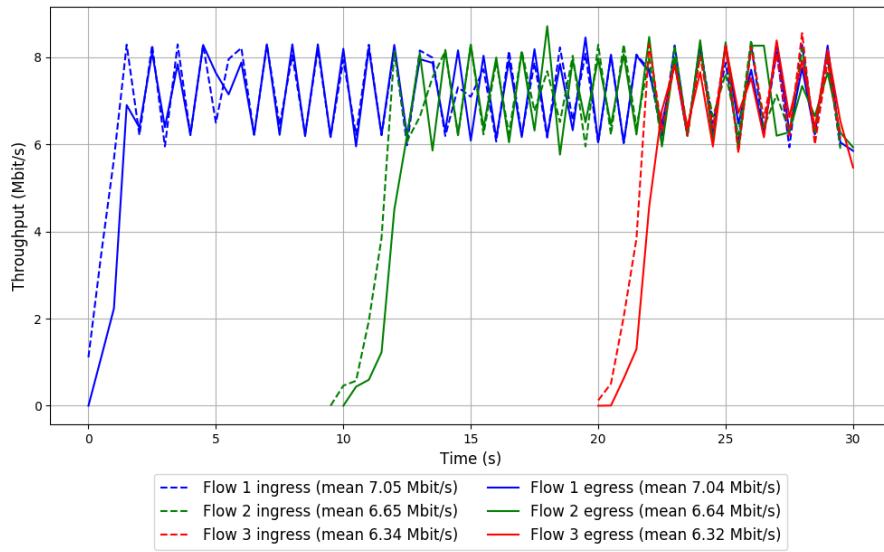


Run 2: Statistics of Sprout

```
Start at: 2019-08-27 10:00:26
End at: 2019-08-27 10:00:56
Local clock offset: -0.154 ms
Remote clock offset: -0.125 ms

# Below is generated by plot.py at 2019-08-27 15:06:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.45 Mbit/s
95th percentile per-packet one-way delay: 63.261 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 7.04 Mbit/s
95th percentile per-packet one-way delay: 60.869 ms
Loss rate: 0.48%
-- Flow 2:
Average throughput: 6.64 Mbit/s
95th percentile per-packet one-way delay: 63.456 ms
Loss rate: 0.78%
-- Flow 3:
Average throughput: 6.32 Mbit/s
95th percentile per-packet one-way delay: 60.658 ms
Loss rate: 1.70%
```

Run 2: Report of Sprout — Data Link

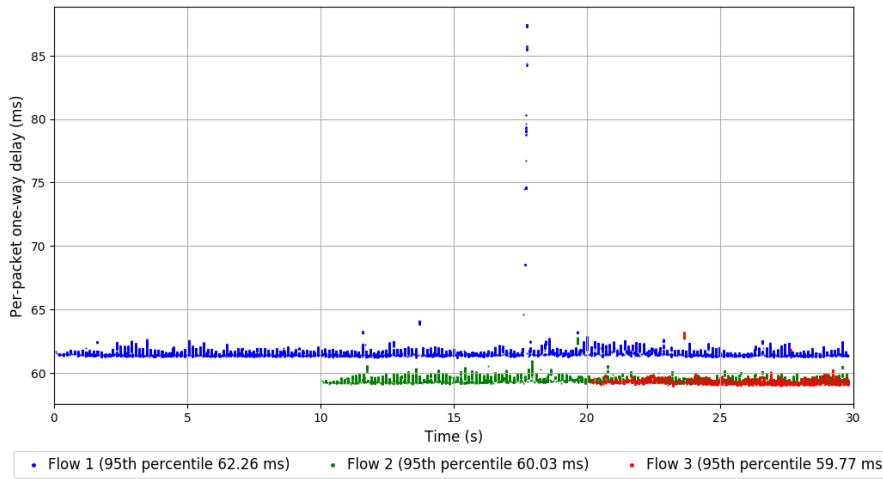
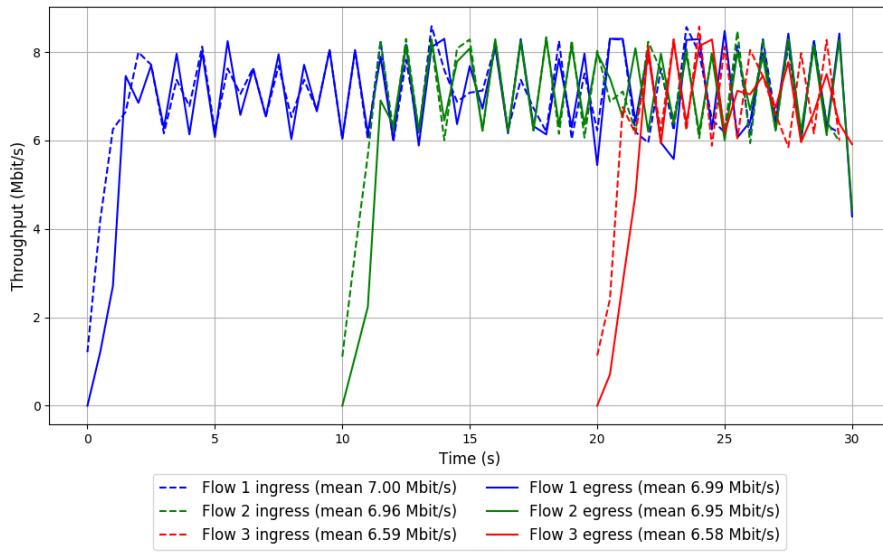


Run 3: Statistics of Sprout

```
Start at: 2019-08-27 10:41:04
End at: 2019-08-27 10:41:34
Local clock offset: -0.175 ms
Remote clock offset: -0.056 ms

# Below is generated by plot.py at 2019-08-27 15:06:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.75 Mbit/s
95th percentile per-packet one-way delay: 62.076 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 6.99 Mbit/s
95th percentile per-packet one-way delay: 62.263 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 6.95 Mbit/s
95th percentile per-packet one-way delay: 60.035 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 6.58 Mbit/s
95th percentile per-packet one-way delay: 59.769 ms
Loss rate: 1.53%
```

Run 3: Report of Sprout — Data Link

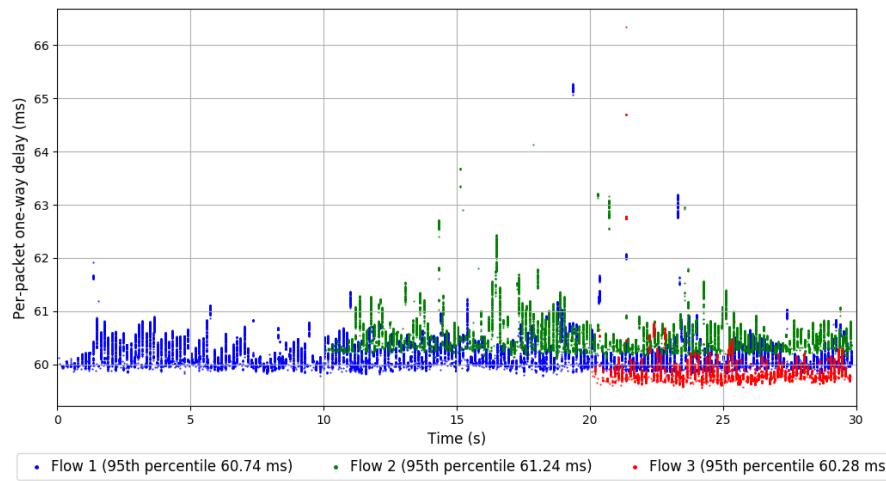
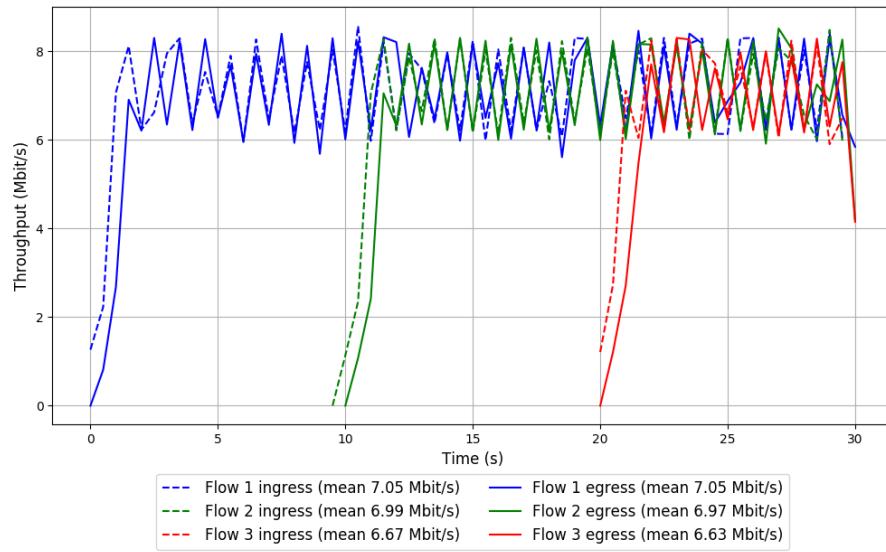


Run 4: Statistics of Sprout

```
Start at: 2019-08-27 11:22:10
End at: 2019-08-27 11:22:40
Local clock offset: 0.038 ms
Remote clock offset: 0.028 ms

# Below is generated by plot.py at 2019-08-27 15:06:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.84 Mbit/s
95th percentile per-packet one-way delay: 60.953 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 7.05 Mbit/s
95th percentile per-packet one-way delay: 60.741 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 6.97 Mbit/s
95th percentile per-packet one-way delay: 61.245 ms
Loss rate: 0.72%
-- Flow 3:
Average throughput: 6.63 Mbit/s
95th percentile per-packet one-way delay: 60.283 ms
Loss rate: 1.78%
```

Run 4: Report of Sprout — Data Link

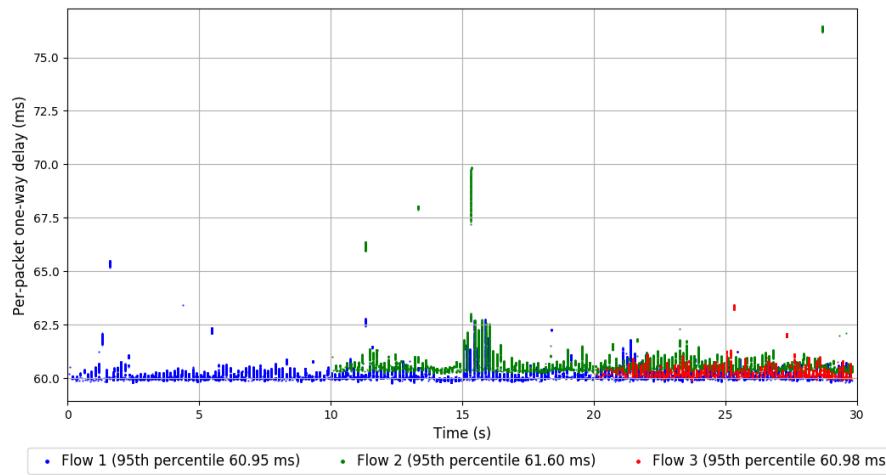
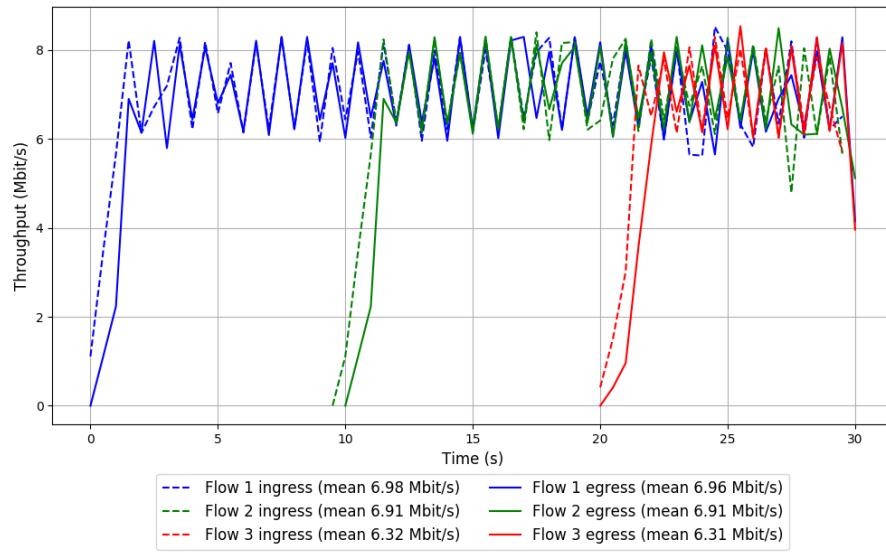


Run 5: Statistics of Sprout

```
Start at: 2019-08-27 12:03:01
End at: 2019-08-27 12:03:31
Local clock offset: 0.001 ms
Remote clock offset: 0.037 ms

# Below is generated by plot.py at 2019-08-27 15:06:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.62 Mbit/s
95th percentile per-packet one-way delay: 61.208 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 6.96 Mbit/s
95th percentile per-packet one-way delay: 60.949 ms
Loss rate: 0.57%
-- Flow 2:
Average throughput: 6.91 Mbit/s
95th percentile per-packet one-way delay: 61.596 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 6.31 Mbit/s
95th percentile per-packet one-way delay: 60.985 ms
Loss rate: 1.58%
```

Run 5: Report of Sprout — Data Link

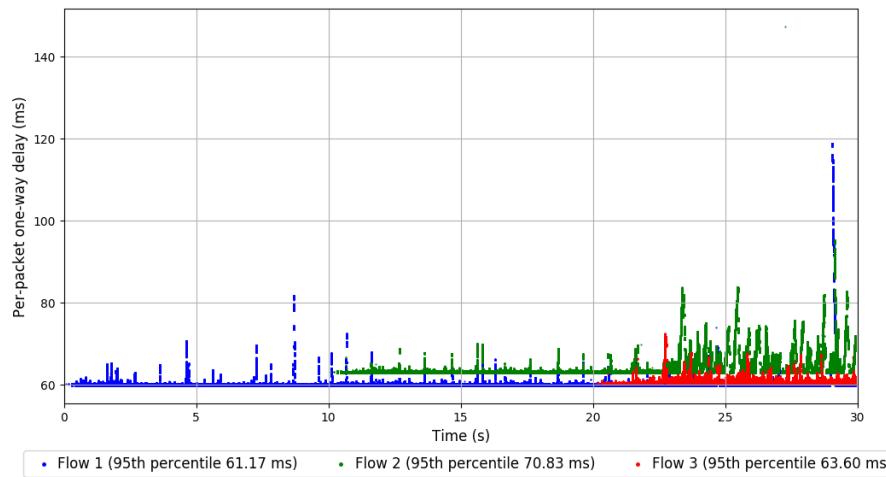
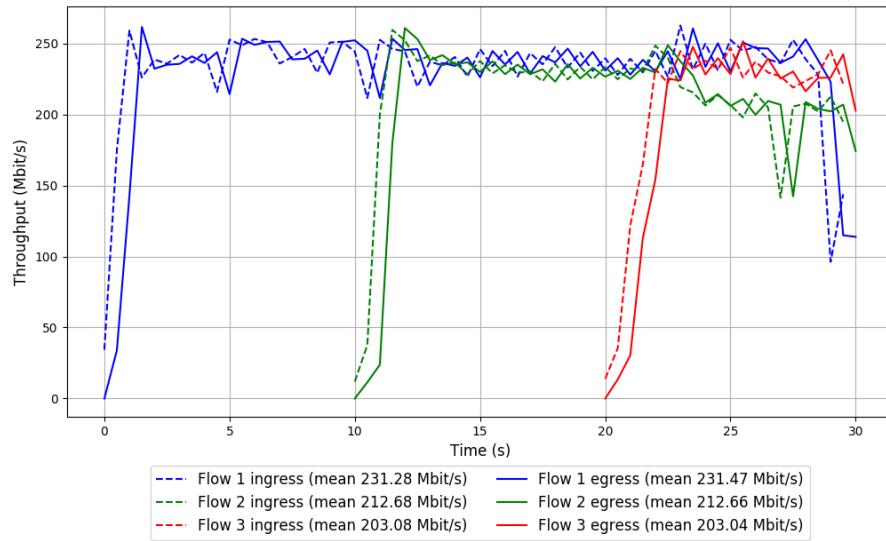


Run 1: Statistics of TaoVA-100x

```
Start at: 2019-08-27 09:09:09
End at: 2019-08-27 09:09:39
Local clock offset: -0.031 ms
Remote clock offset: -0.199 ms

# Below is generated by plot.py at 2019-08-27 15:11:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 439.61 Mbit/s
95th percentile per-packet one-way delay: 66.319 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 231.47 Mbit/s
95th percentile per-packet one-way delay: 61.168 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 212.66 Mbit/s
95th percentile per-packet one-way delay: 70.828 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 203.04 Mbit/s
95th percentile per-packet one-way delay: 63.600 ms
Loss rate: 1.27%
```

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

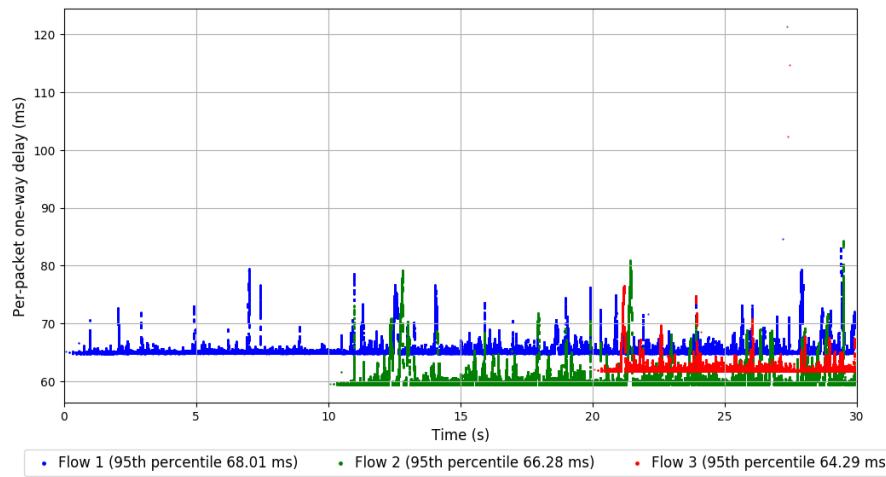
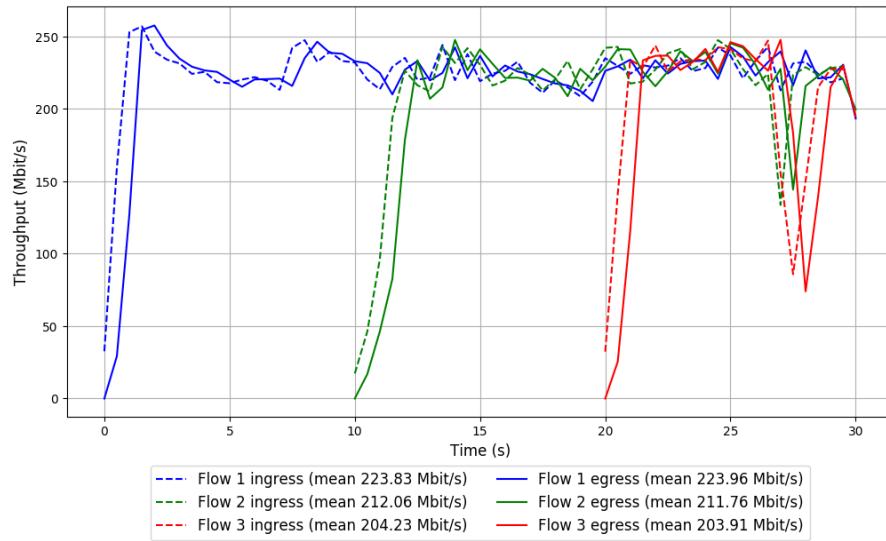


Run 2: Statistics of TaoVA-100x

```
Start at: 2019-08-27 09:49:45
End at: 2019-08-27 09:50:15
Local clock offset: -0.127 ms
Remote clock offset: 0.393 ms

# Below is generated by plot.py at 2019-08-27 15:11:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 431.91 Mbit/s
95th percentile per-packet one-way delay: 67.268 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 223.96 Mbit/s
95th percentile per-packet one-way delay: 68.008 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 211.76 Mbit/s
95th percentile per-packet one-way delay: 66.275 ms
Loss rate: 0.73%
-- Flow 3:
Average throughput: 203.91 Mbit/s
95th percentile per-packet one-way delay: 64.290 ms
Loss rate: 1.41%
```

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

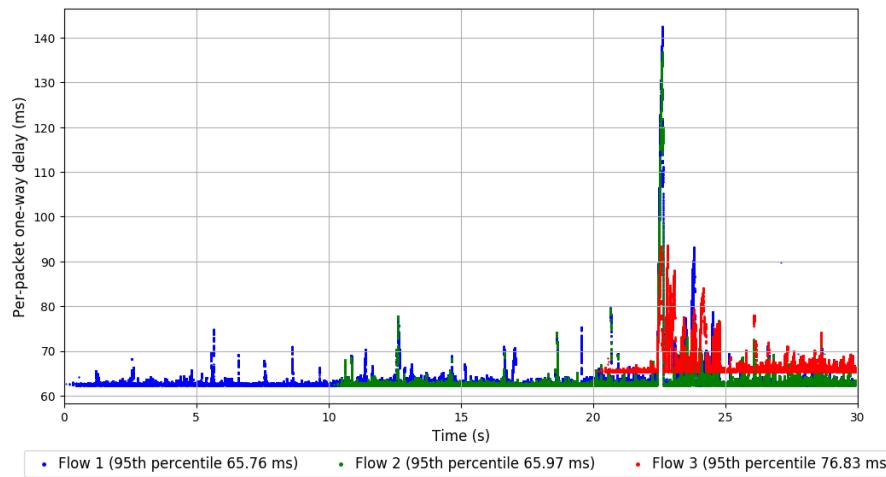
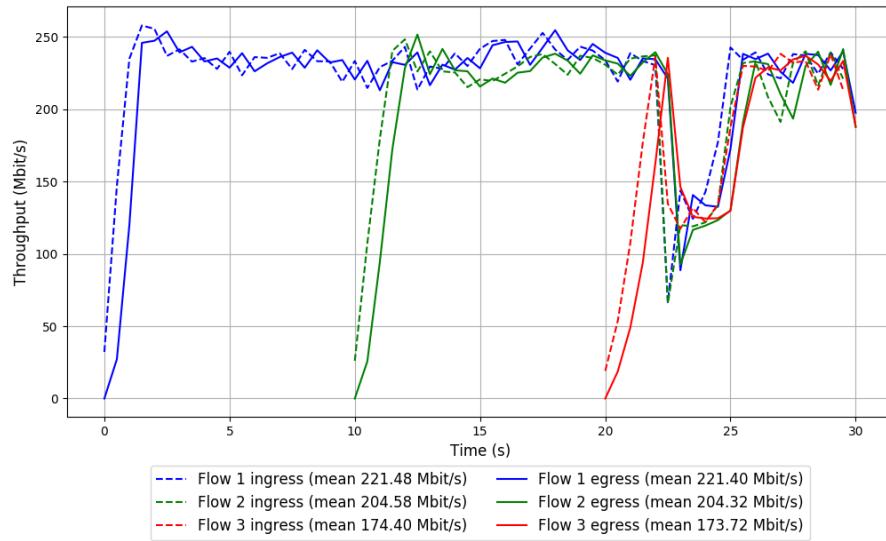


Run 3: Statistics of TaoVA-100x

```
Start at: 2019-08-27 10:30:16
End at: 2019-08-27 10:30:46
Local clock offset: -0.144 ms
Remote clock offset: -0.934 ms

# Below is generated by plot.py at 2019-08-27 15:11:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 414.38 Mbit/s
95th percentile per-packet one-way delay: 68.142 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 221.40 Mbit/s
95th percentile per-packet one-way delay: 65.763 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 204.32 Mbit/s
95th percentile per-packet one-way delay: 65.967 ms
Loss rate: 0.74%
-- Flow 3:
Average throughput: 173.72 Mbit/s
95th percentile per-packet one-way delay: 76.832 ms
Loss rate: 1.63%
```

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

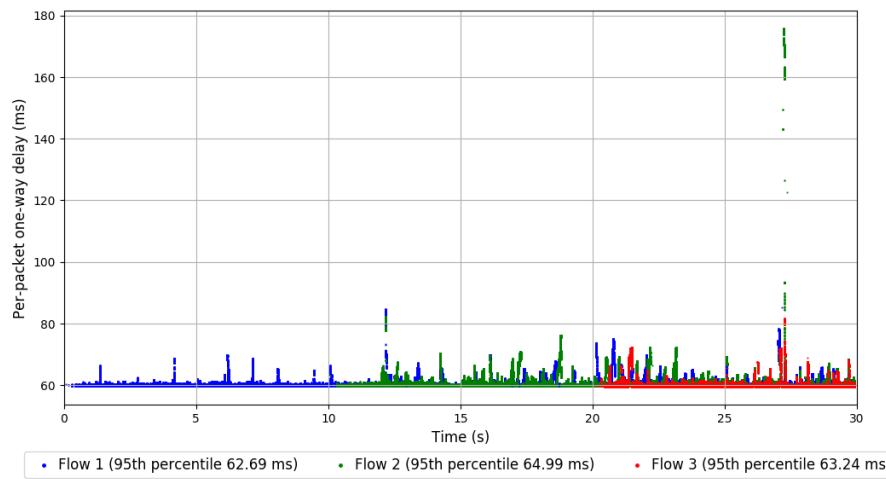
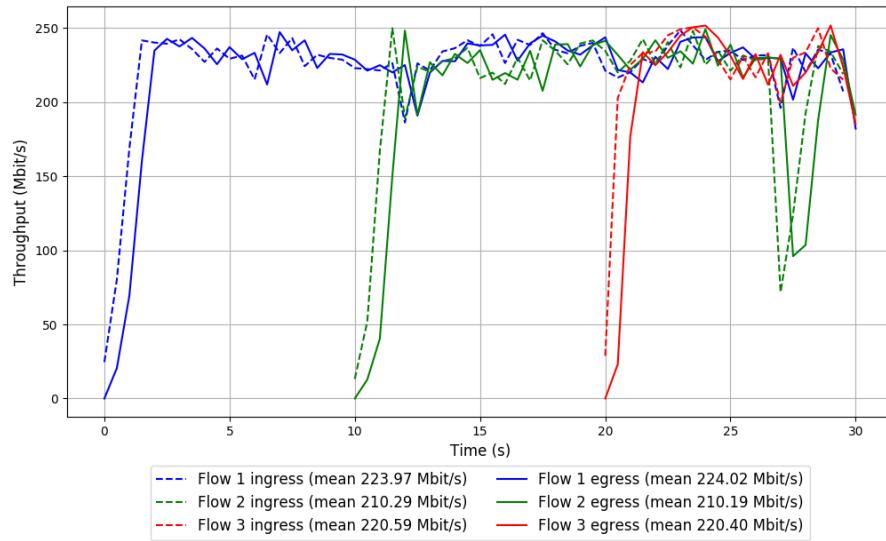


Run 4: Statistics of TaoVA-100x

```
Start at: 2019-08-27 11:11:24
End at: 2019-08-27 11:11:54
Local clock offset: 0.043 ms
Remote clock offset: 0.151 ms

# Below is generated by plot.py at 2019-08-27 15:11:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 436.29 Mbit/s
95th percentile per-packet one-way delay: 63.536 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 224.02 Mbit/s
95th percentile per-packet one-way delay: 62.690 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 210.19 Mbit/s
95th percentile per-packet one-way delay: 64.987 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 220.40 Mbit/s
95th percentile per-packet one-way delay: 63.244 ms
Loss rate: 1.29%
```

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

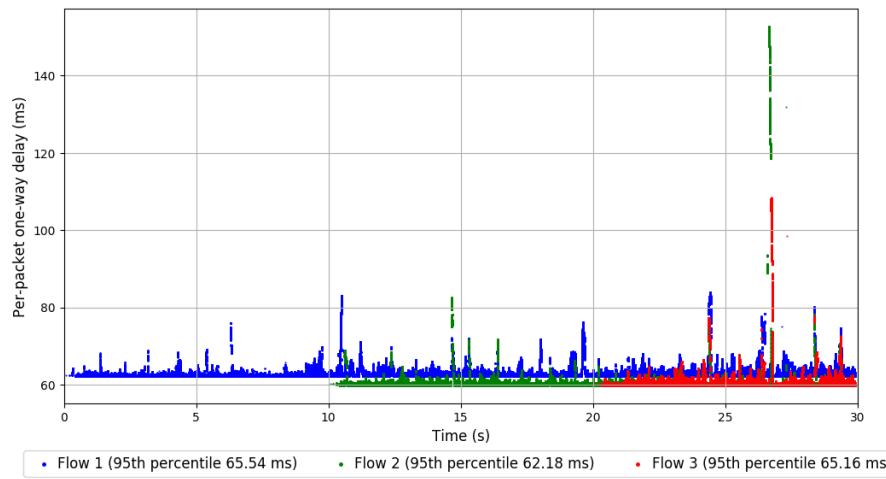
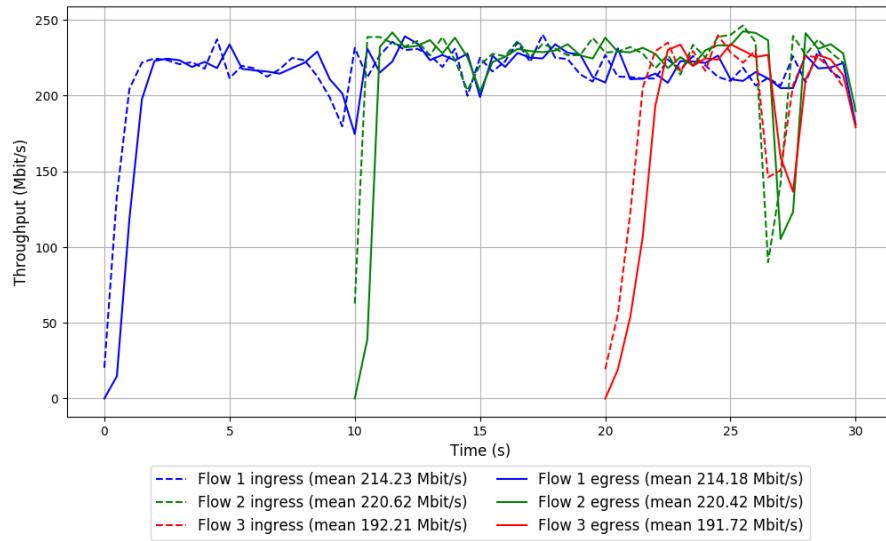


Run 5: Statistics of TaoVA-100x

```
Start at: 2019-08-27 11:52:15
End at: 2019-08-27 11:52:45
Local clock offset: 0.13 ms
Remote clock offset: -0.047 ms

# Below is generated by plot.py at 2019-08-27 15:12:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 423.90 Mbit/s
95th percentile per-packet one-way delay: 65.021 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 214.18 Mbit/s
95th percentile per-packet one-way delay: 65.538 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 220.42 Mbit/s
95th percentile per-packet one-way delay: 62.181 ms
Loss rate: 0.69%
-- Flow 3:
Average throughput: 191.72 Mbit/s
95th percentile per-packet one-way delay: 65.164 ms
Loss rate: 1.46%
```

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

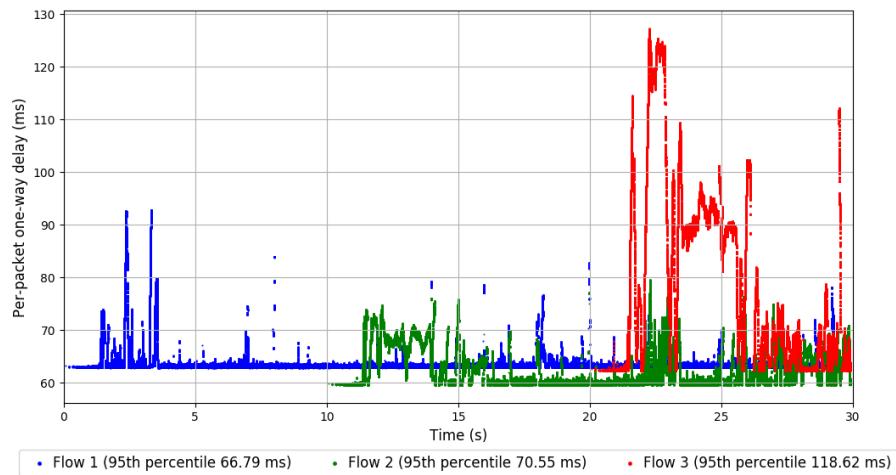
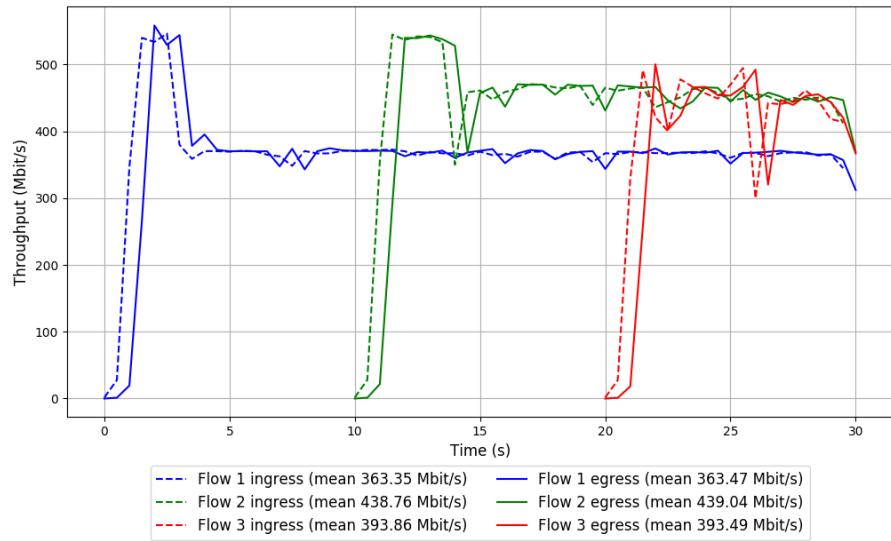


Run 1: Statistics of TCP Vegas

```
Start at: 2019-08-27 08:54:54
End at: 2019-08-27 08:55:24
Local clock offset: -0.099 ms
Remote clock offset: -0.001 ms

# Below is generated by plot.py at 2019-08-27 15:13:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 785.00 Mbit/s
95th percentile per-packet one-way delay: 89.728 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 363.47 Mbit/s
95th percentile per-packet one-way delay: 66.788 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 439.04 Mbit/s
95th percentile per-packet one-way delay: 70.549 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 393.49 Mbit/s
95th percentile per-packet one-way delay: 118.620 ms
Loss rate: 1.36%
```

Run 1: Report of TCP Vegas — Data Link

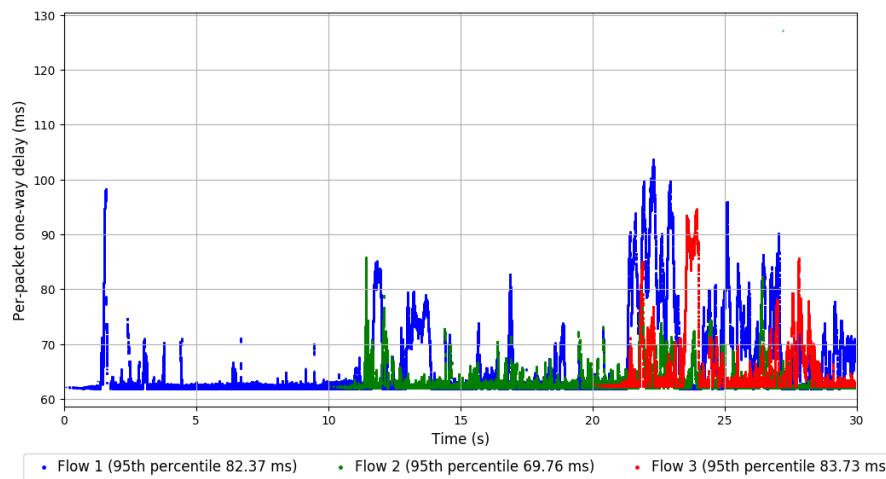
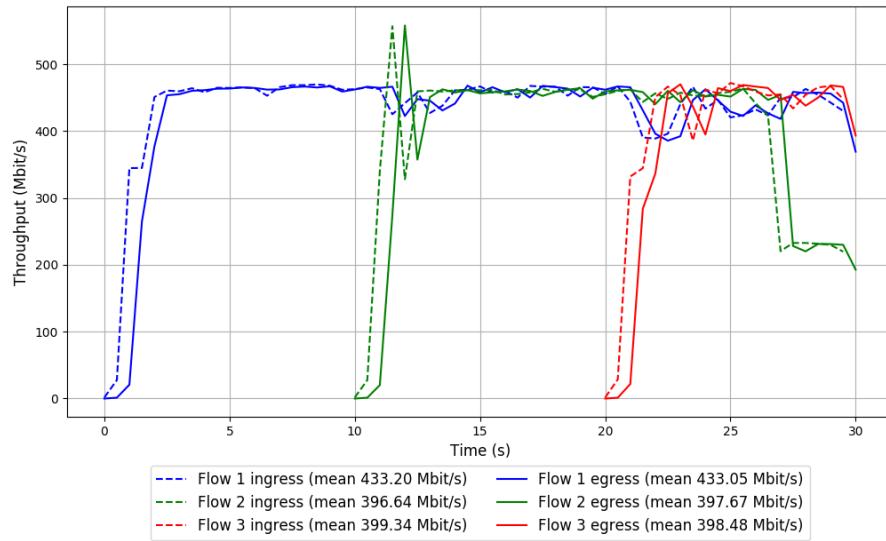


Run 2: Statistics of TCP Vegas

```
Start at: 2019-08-27 09:35:24
End at: 2019-08-27 09:35:54
Local clock offset: -0.028 ms
Remote clock offset: 0.201 ms

# Below is generated by plot.py at 2019-08-27 15:24:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 828.85 Mbit/s
95th percentile per-packet one-way delay: 78.952 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 433.05 Mbit/s
95th percentile per-packet one-way delay: 82.372 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 397.67 Mbit/s
95th percentile per-packet one-way delay: 69.760 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 398.48 Mbit/s
95th percentile per-packet one-way delay: 83.727 ms
Loss rate: 1.45%
```

Run 2: Report of TCP Vegas — Data Link

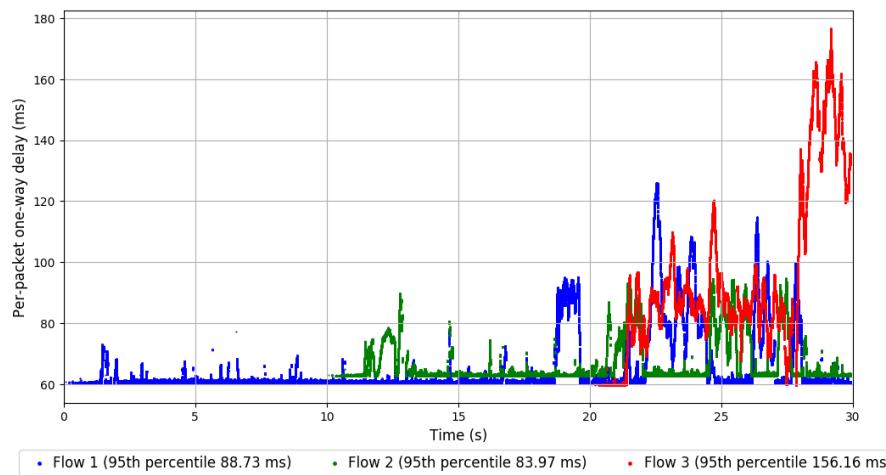
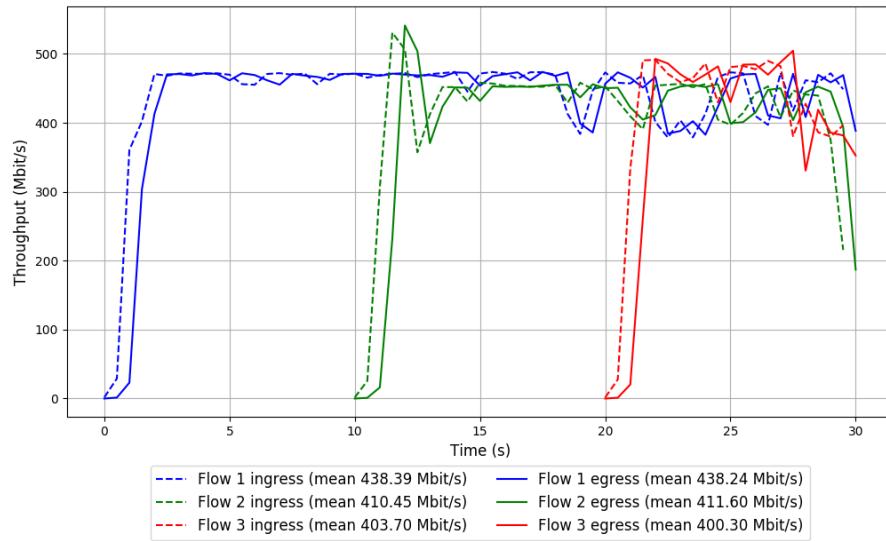


Run 3: Statistics of TCP Vegas

```
Start at: 2019-08-27 10:16:03
End at: 2019-08-27 10:16:33
Local clock offset: -0.147 ms
Remote clock offset: -0.383 ms

# Below is generated by plot.py at 2019-08-27 15:25:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 843.66 Mbit/s
95th percentile per-packet one-way delay: 97.687 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 438.24 Mbit/s
95th percentile per-packet one-way delay: 88.729 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 411.60 Mbit/s
95th percentile per-packet one-way delay: 83.969 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 400.30 Mbit/s
95th percentile per-packet one-way delay: 156.162 ms
Loss rate: 2.07%
```

Run 3: Report of TCP Vegas — Data Link

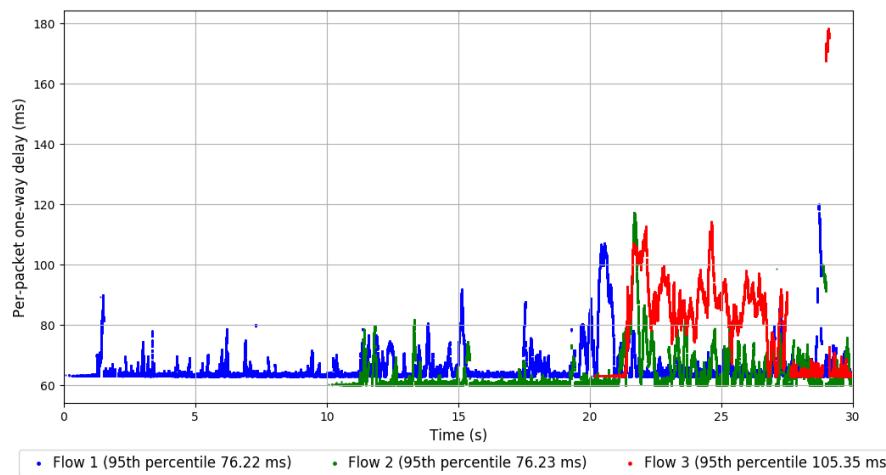
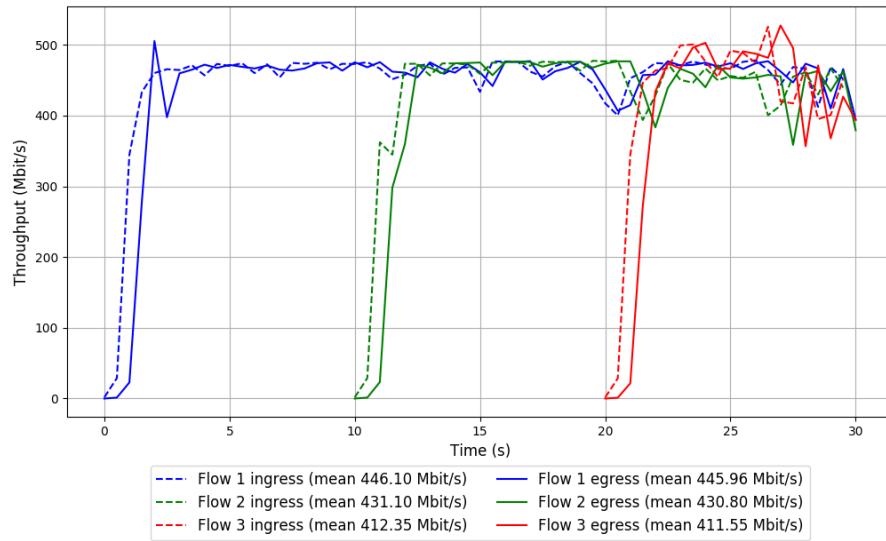


Run 4: Statistics of TCP Vegas

```
Start at: 2019-08-27 10:56:54
End at: 2019-08-27 10:57:24
Local clock offset: 0.006 ms
Remote clock offset: -0.169 ms

# Below is generated by plot.py at 2019-08-27 15:30:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 868.05 Mbit/s
95th percentile per-packet one-way delay: 90.854 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 445.96 Mbit/s
95th percentile per-packet one-way delay: 76.218 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 430.80 Mbit/s
95th percentile per-packet one-way delay: 76.233 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 411.55 Mbit/s
95th percentile per-packet one-way delay: 105.353 ms
Loss rate: 1.42%
```

Run 4: Report of TCP Vegas — Data Link

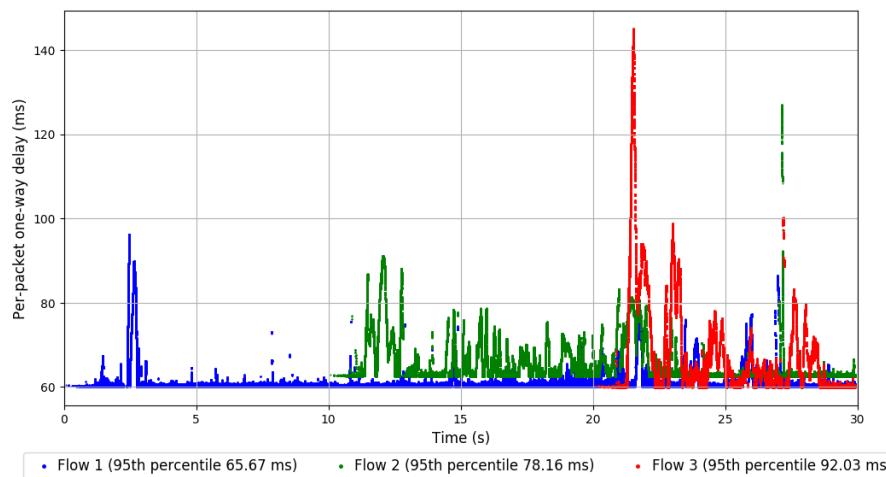
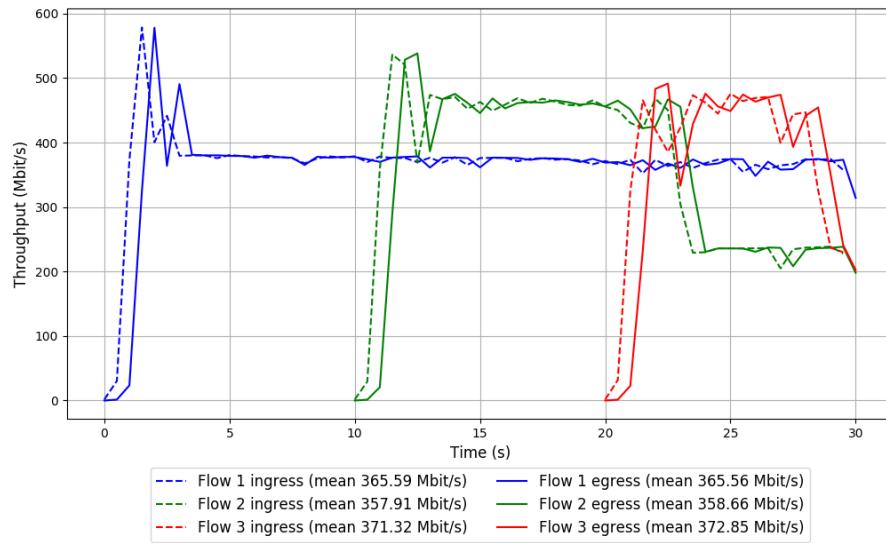


Run 5: Statistics of TCP Vegas

```
Start at: 2019-08-27 11:38:01
End at: 2019-08-27 11:38:31
Local clock offset: 0.201 ms
Remote clock offset: -0.129 ms

# Below is generated by plot.py at 2019-08-27 15:30:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 726.92 Mbit/s
95th percentile per-packet one-way delay: 78.217 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 365.56 Mbit/s
95th percentile per-packet one-way delay: 65.671 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 358.66 Mbit/s
95th percentile per-packet one-way delay: 78.155 ms
Loss rate: 0.41%
-- Flow 3:
Average throughput: 372.85 Mbit/s
95th percentile per-packet one-way delay: 92.032 ms
Loss rate: 0.77%
```

Run 5: Report of TCP Vegas — Data Link

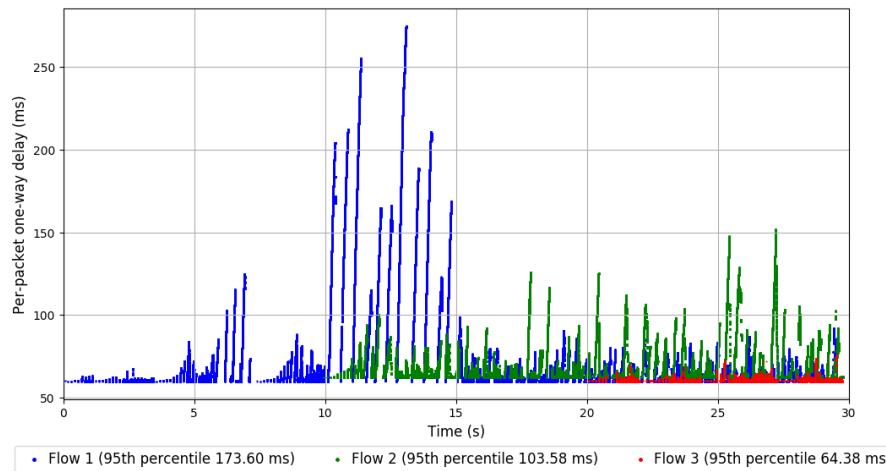
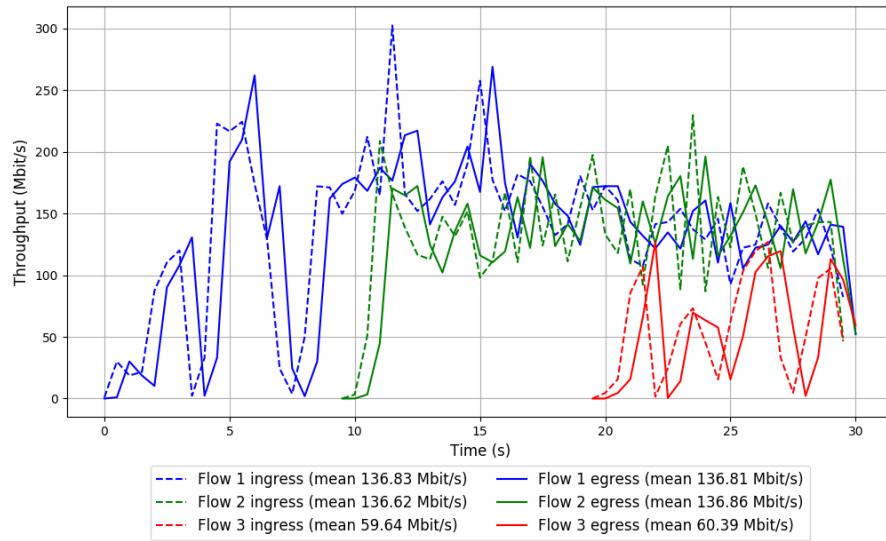


Run 1: Statistics of Verus

```
Start at: 2019-08-27 09:11:03
End at: 2019-08-27 09:11:33
Local clock offset: -0.058 ms
Remote clock offset: -0.045 ms

# Below is generated by plot.py at 2019-08-27 15:30:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 247.64 Mbit/s
95th percentile per-packet one-way delay: 144.000 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 136.81 Mbit/s
95th percentile per-packet one-way delay: 173.597 ms
Loss rate: 0.70%
-- Flow 2:
Average throughput: 136.86 Mbit/s
95th percentile per-packet one-way delay: 103.575 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 60.39 Mbit/s
95th percentile per-packet one-way delay: 64.380 ms
Loss rate: 0.00%
```

Run 1: Report of Verus — Data Link

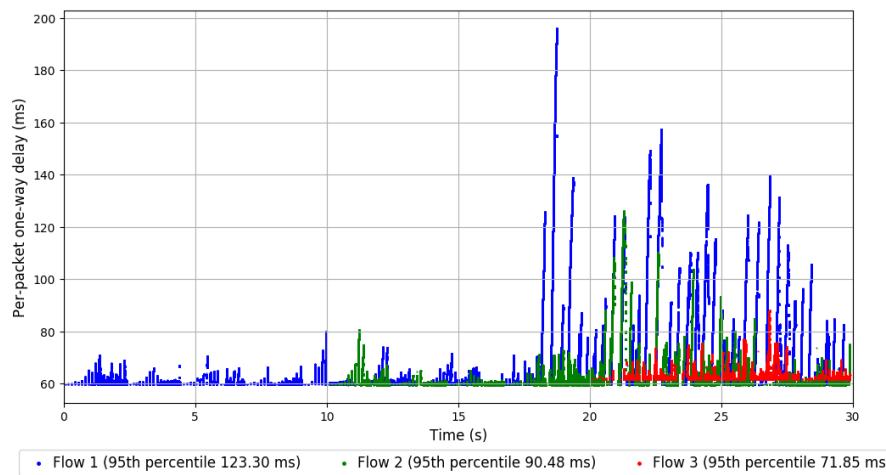
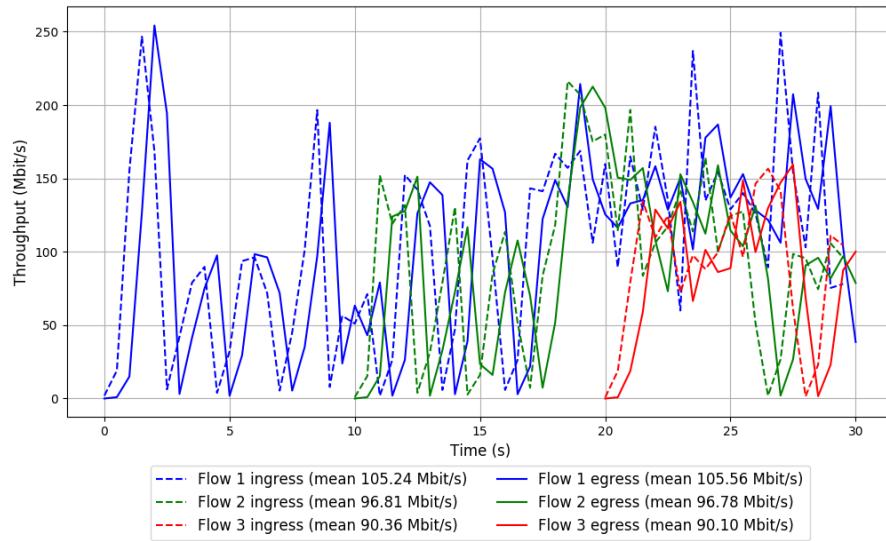


Run 2: Statistics of Verus

```
Start at: 2019-08-27 09:51:38
End at: 2019-08-27 09:52:08
Local clock offset: -0.136 ms
Remote clock offset: 0.52 ms

# Below is generated by plot.py at 2019-08-27 15:30:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 198.60 Mbit/s
95th percentile per-packet one-way delay: 111.790 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 105.56 Mbit/s
95th percentile per-packet one-way delay: 123.300 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 96.78 Mbit/s
95th percentile per-packet one-way delay: 90.482 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 90.10 Mbit/s
95th percentile per-packet one-way delay: 71.846 ms
Loss rate: 1.55%
```

Run 2: Report of Verus — Data Link

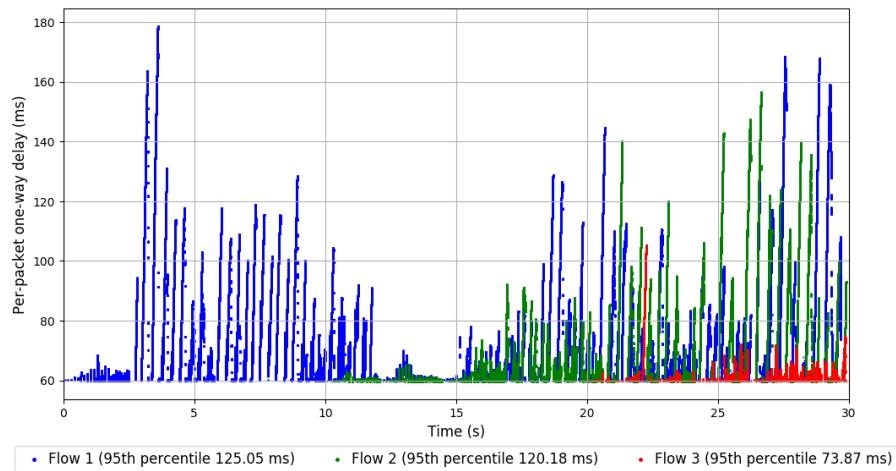
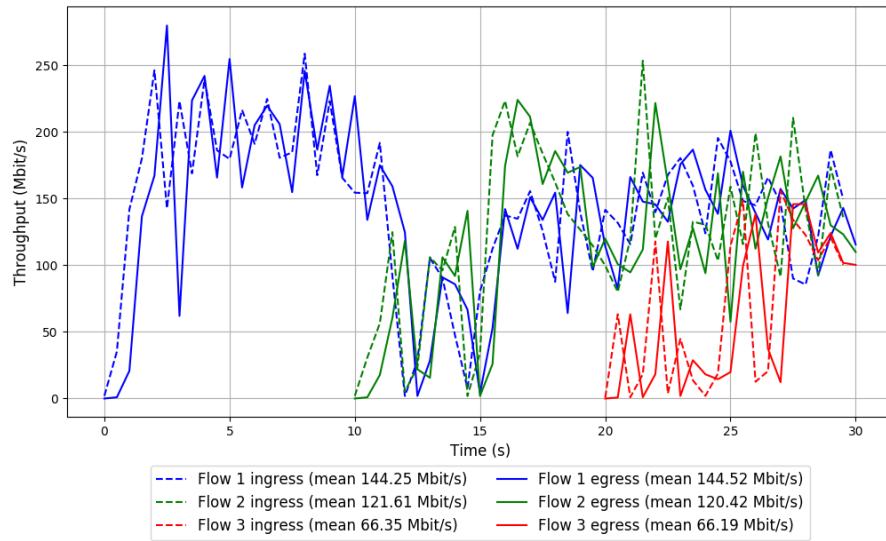


Run 3: Statistics of Verus

```
Start at: 2019-08-27 10:32:08
End at: 2019-08-27 10:32:38
Local clock offset: -0.167 ms
Remote clock offset: -0.822 ms

# Below is generated by plot.py at 2019-08-27 15:30:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 245.33 Mbit/s
95th percentile per-packet one-way delay: 120.917 ms
Loss rate: 1.17%
-- Flow 1:
Average throughput: 144.52 Mbit/s
95th percentile per-packet one-way delay: 125.048 ms
Loss rate: 0.90%
-- Flow 2:
Average throughput: 120.42 Mbit/s
95th percentile per-packet one-way delay: 120.176 ms
Loss rate: 1.58%
-- Flow 3:
Average throughput: 66.19 Mbit/s
95th percentile per-packet one-way delay: 73.874 ms
Loss rate: 1.46%
```

Run 3: Report of Verus — Data Link

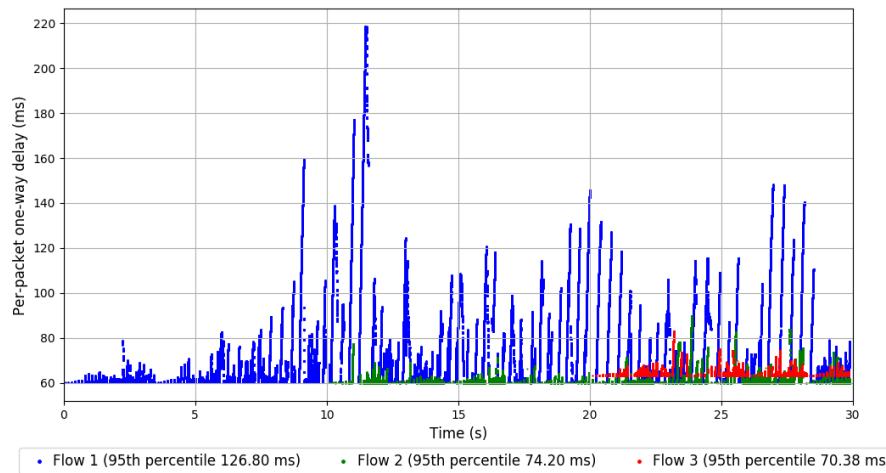
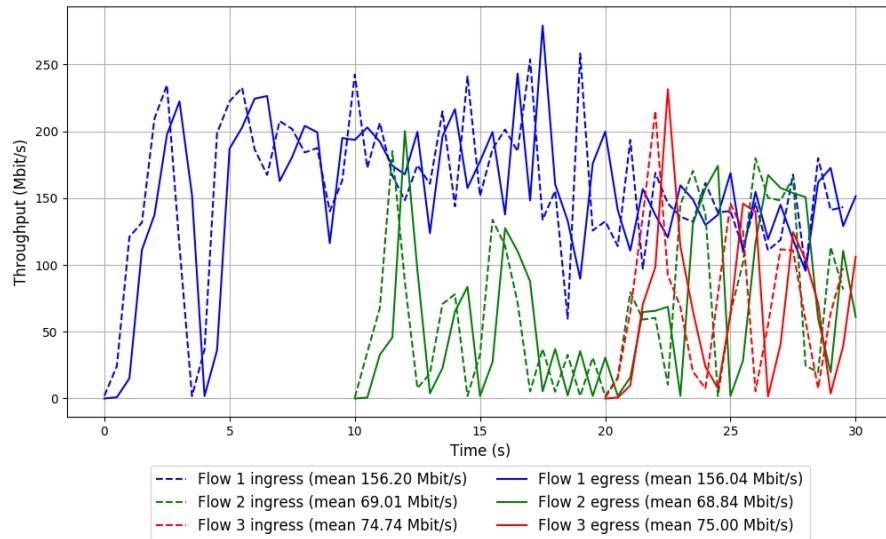


Run 4: Statistics of Verus

```
Start at: 2019-08-27 11:13:17
End at: 2019-08-27 11:13:47
Local clock offset: 0.043 ms
Remote clock offset: -0.08 ms

# Below is generated by plot.py at 2019-08-27 15:30:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 226.21 Mbit/s
95th percentile per-packet one-way delay: 117.001 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 156.04 Mbit/s
95th percentile per-packet one-way delay: 126.798 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 68.84 Mbit/s
95th percentile per-packet one-way delay: 74.204 ms
Loss rate: 0.85%
-- Flow 3:
Average throughput: 75.00 Mbit/s
95th percentile per-packet one-way delay: 70.381 ms
Loss rate: 1.35%
```

Run 4: Report of Verus — Data Link

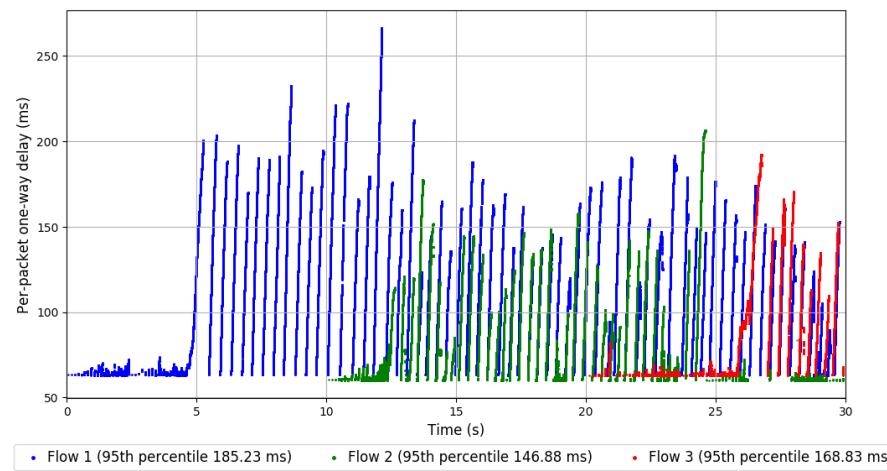
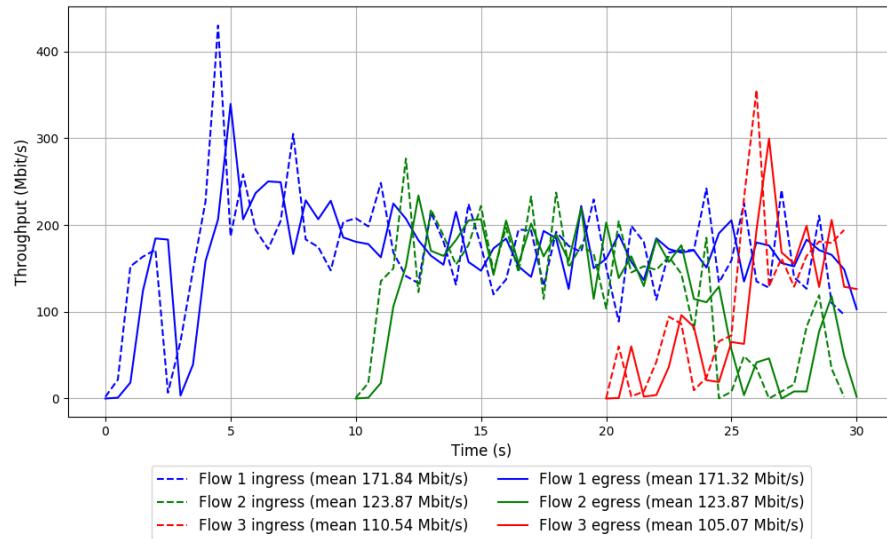


Run 5: Statistics of Verus

```
Start at: 2019-08-27 11:54:09
End at: 2019-08-27 11:54:39
Local clock offset: 0.064 ms
Remote clock offset: -0.049 ms

# Below is generated by plot.py at 2019-08-27 15:31:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 287.20 Mbit/s
95th percentile per-packet one-way delay: 179.109 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 171.32 Mbit/s
95th percentile per-packet one-way delay: 185.230 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 123.87 Mbit/s
95th percentile per-packet one-way delay: 146.878 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 105.07 Mbit/s
95th percentile per-packet one-way delay: 168.827 ms
Loss rate: 6.14%
```

Run 5: Report of Verus — Data Link

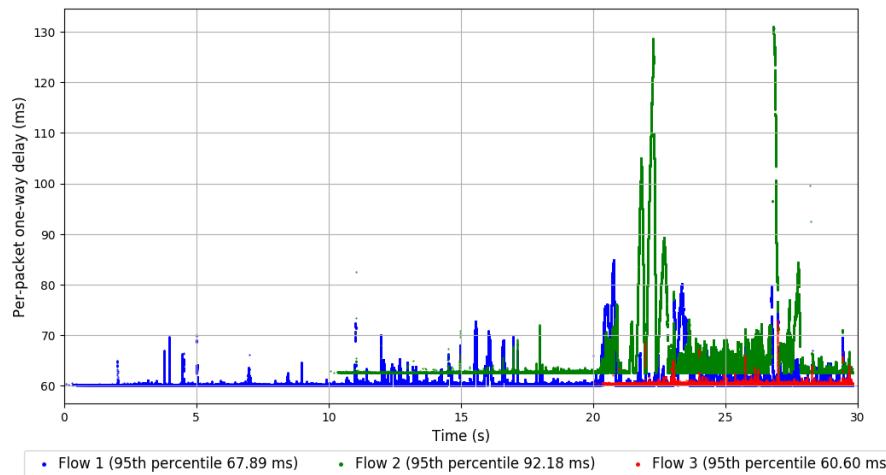
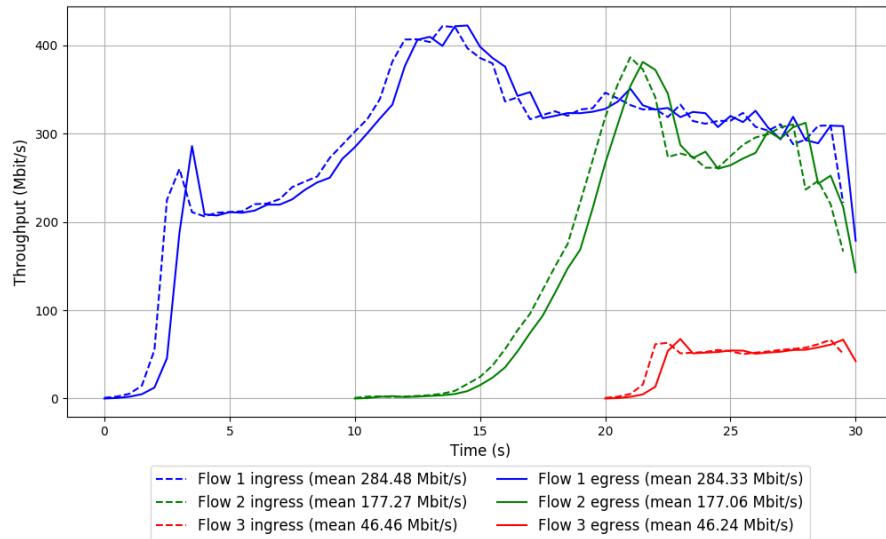


Run 1: Statistics of PCC-Vivace

```
Start at: 2019-08-27 09:26:22
End at: 2019-08-27 09:26:52
Local clock offset: -0.039 ms
Remote clock offset: -0.052 ms

# Below is generated by plot.py at 2019-08-27 15:31:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 416.95 Mbit/s
95th percentile per-packet one-way delay: 73.658 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 284.33 Mbit/s
95th percentile per-packet one-way delay: 67.894 ms
Loss rate: 0.48%
-- Flow 2:
Average throughput: 177.06 Mbit/s
95th percentile per-packet one-way delay: 92.179 ms
Loss rate: 0.75%
-- Flow 3:
Average throughput: 46.24 Mbit/s
95th percentile per-packet one-way delay: 60.596 ms
Loss rate: 1.70%
```

Run 1: Report of PCC-Vivace — Data Link

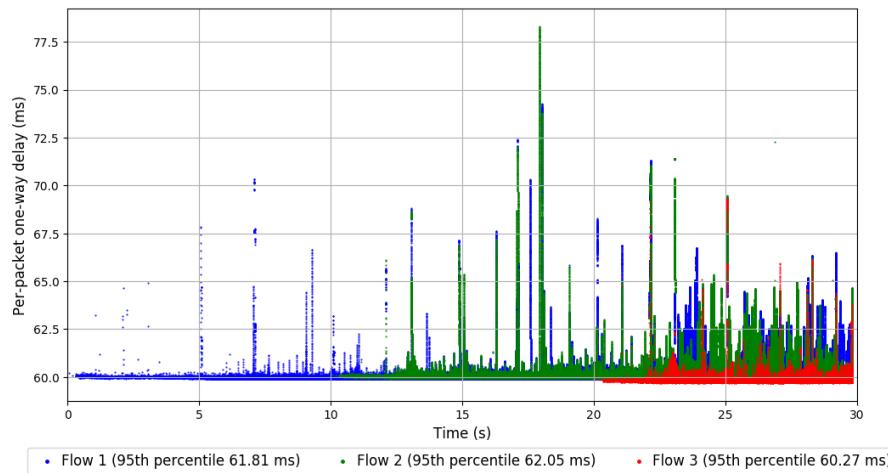
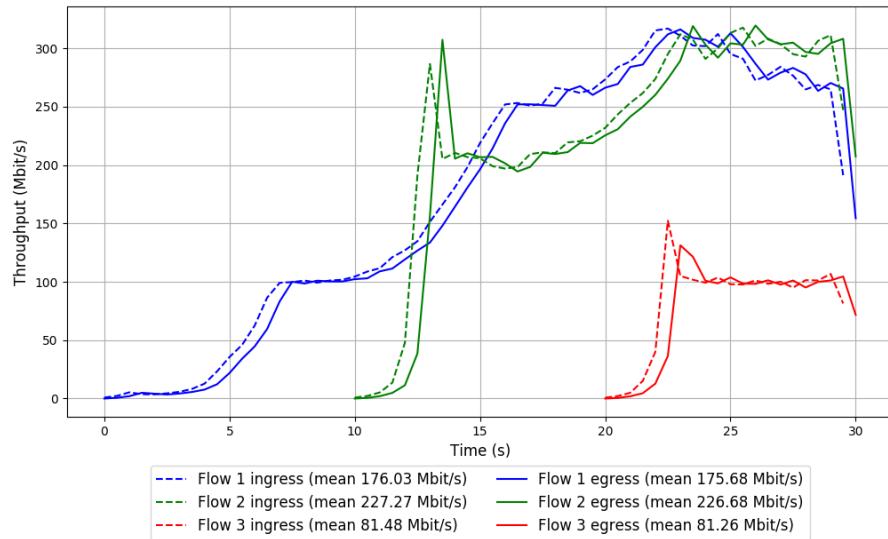


Run 2: Statistics of PCC-Vivace

```
Start at: 2019-08-27 10:07:02
End at: 2019-08-27 10:07:32
Local clock offset: -0.145 ms
Remote clock offset: -0.113 ms

# Below is generated by plot.py at 2019-08-27 15:31:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 352.68 Mbit/s
95th percentile per-packet one-way delay: 61.825 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 175.68 Mbit/s
95th percentile per-packet one-way delay: 61.814 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 226.68 Mbit/s
95th percentile per-packet one-way delay: 62.050 ms
Loss rate: 0.87%
-- Flow 3:
Average throughput: 81.26 Mbit/s
95th percentile per-packet one-way delay: 60.273 ms
Loss rate: 1.51%
```

Run 2: Report of PCC-Vivace — Data Link

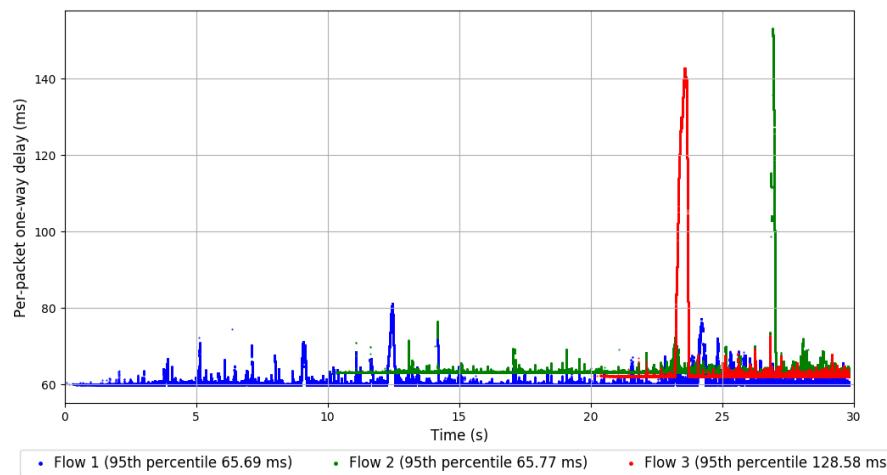
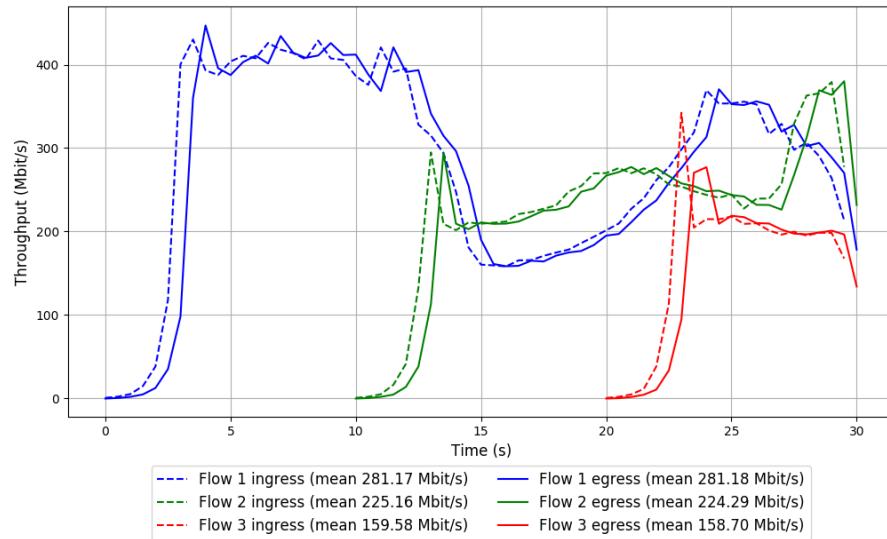


Run 3: Statistics of PCC-Vivace

```
Start at: 2019-08-27 10:47:47
End at: 2019-08-27 10:48:17
Local clock offset: -0.103 ms
Remote clock offset: -0.412 ms

# Below is generated by plot.py at 2019-08-27 15:32:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 481.85 Mbit/s
95th percentile per-packet one-way delay: 66.303 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 281.18 Mbit/s
95th percentile per-packet one-way delay: 65.690 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 224.29 Mbit/s
95th percentile per-packet one-way delay: 65.766 ms
Loss rate: 1.02%
-- Flow 3:
Average throughput: 158.70 Mbit/s
95th percentile per-packet one-way delay: 128.584 ms
Loss rate: 1.82%
```

Run 3: Report of PCC-Vivace — Data Link

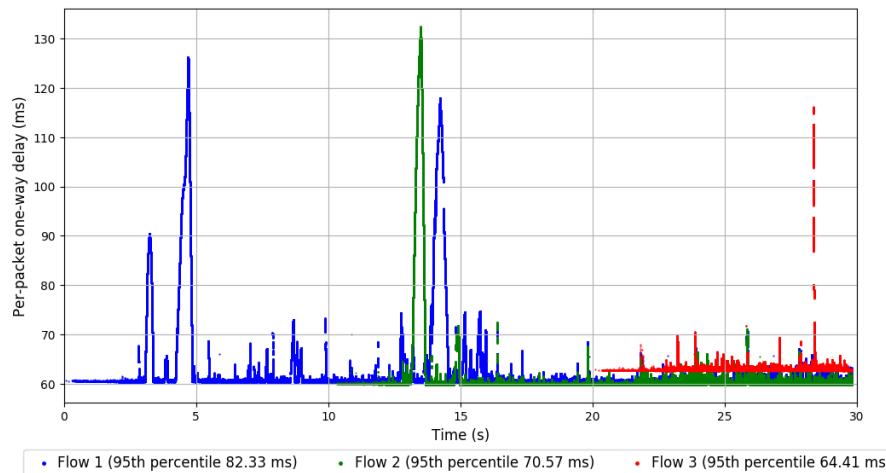
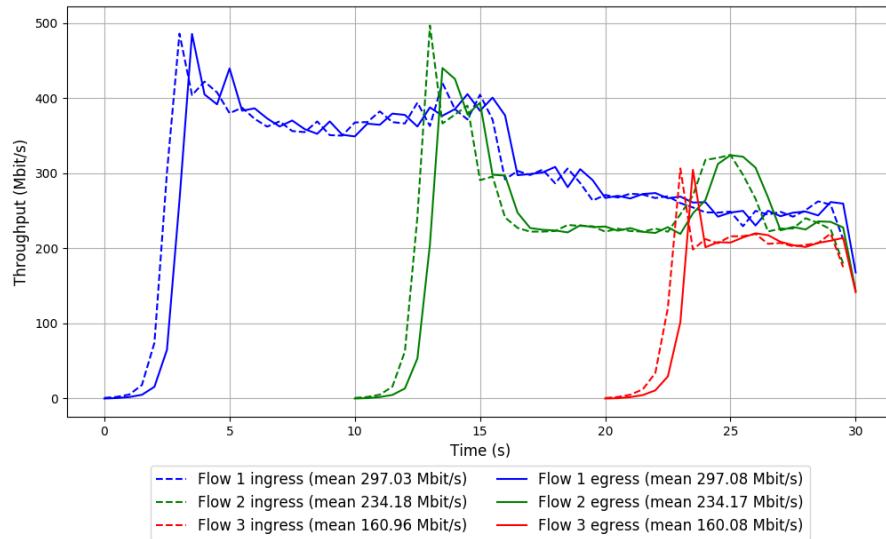


Run 4: Statistics of PCC-Vivace

```
Start at: 2019-08-27 11:28:51
End at: 2019-08-27 11:29:21
Local clock offset: 0.105 ms
Remote clock offset: -0.257 ms

# Below is generated by plot.py at 2019-08-27 15:32:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 504.78 Mbit/s
95th percentile per-packet one-way delay: 75.621 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 297.08 Mbit/s
95th percentile per-packet one-way delay: 82.330 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 234.17 Mbit/s
95th percentile per-packet one-way delay: 70.571 ms
Loss rate: 0.66%
-- Flow 3:
Average throughput: 160.08 Mbit/s
95th percentile per-packet one-way delay: 64.407 ms
Loss rate: 1.95%
```

Run 4: Report of PCC-Vivace — Data Link

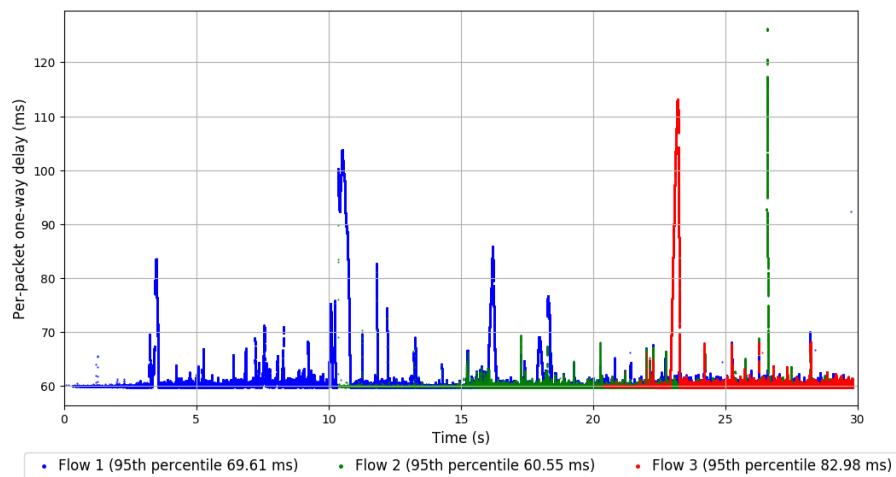
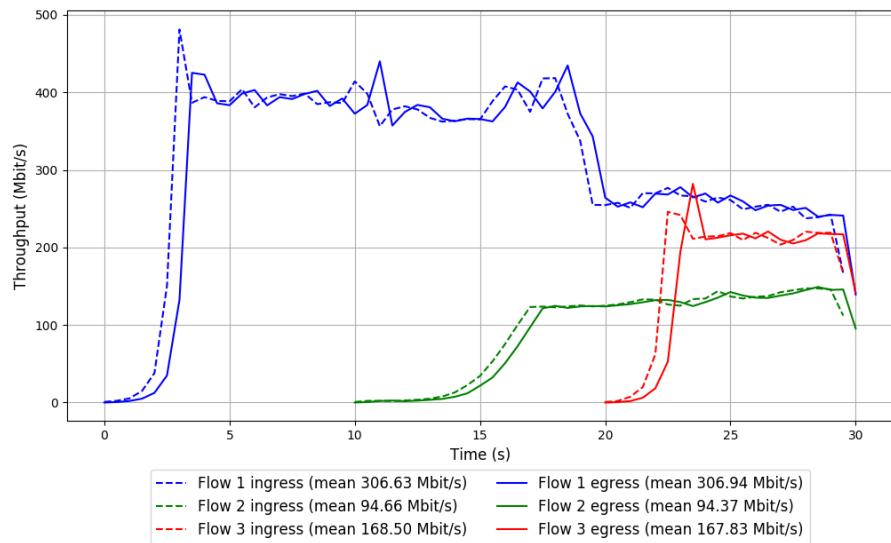


Run 5: Statistics of PCC-Vivace

```
Start at: 2019-08-27 12:09:45
End at: 2019-08-27 12:10:15
Local clock offset: -0.037 ms
Remote clock offset: 0.076 ms

# Below is generated by plot.py at 2019-08-27 15:32:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 424.39 Mbit/s
95th percentile per-packet one-way delay: 68.432 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 306.94 Mbit/s
95th percentile per-packet one-way delay: 69.612 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 94.37 Mbit/s
95th percentile per-packet one-way delay: 60.549 ms
Loss rate: 0.91%
-- Flow 3:
Average throughput: 167.83 Mbit/s
95th percentile per-packet one-way delay: 82.976 ms
Loss rate: 1.62%
```

Run 5: Report of PCC-Vivace — Data Link

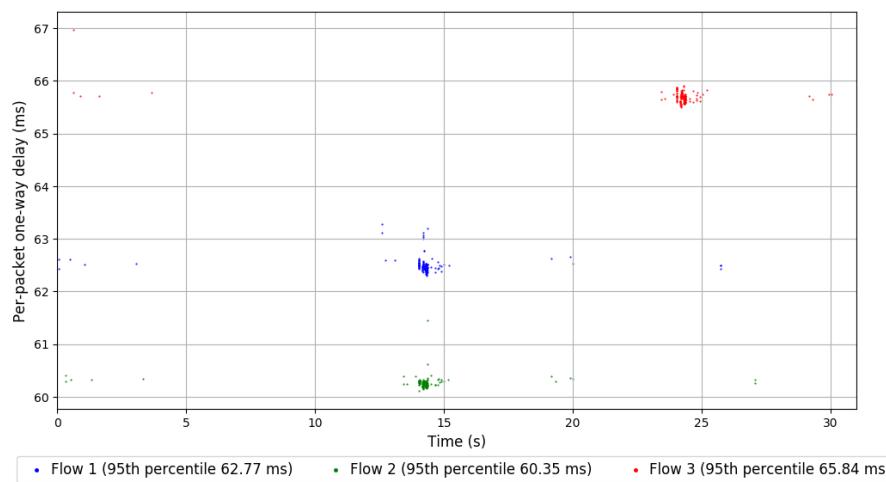
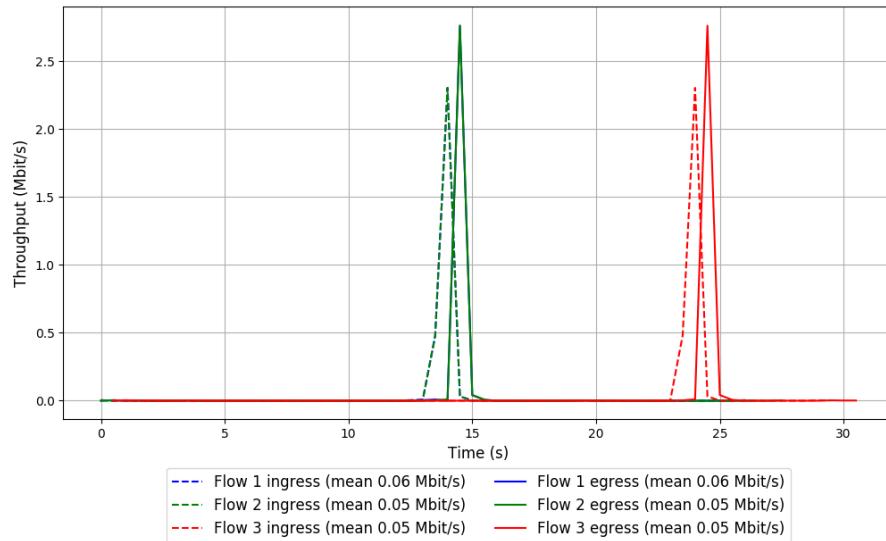


Run 1: Statistics of WebRTC media

```
Start at: 2019-08-27 09:20:53
End at: 2019-08-27 09:21:23
Local clock offset: -0.036 ms
Remote clock offset: 0.026 ms

# Below is generated by plot.py at 2019-08-27 15:32:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 65.777 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 62.770 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 60.352 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 65.845 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

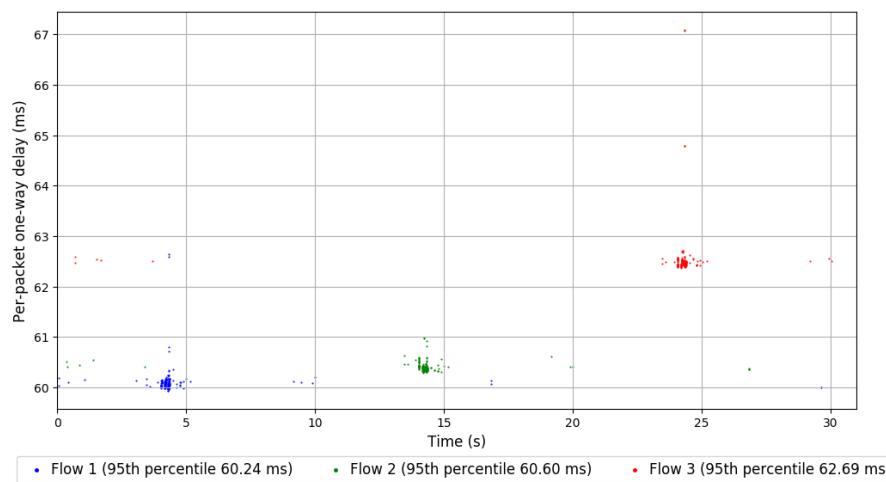
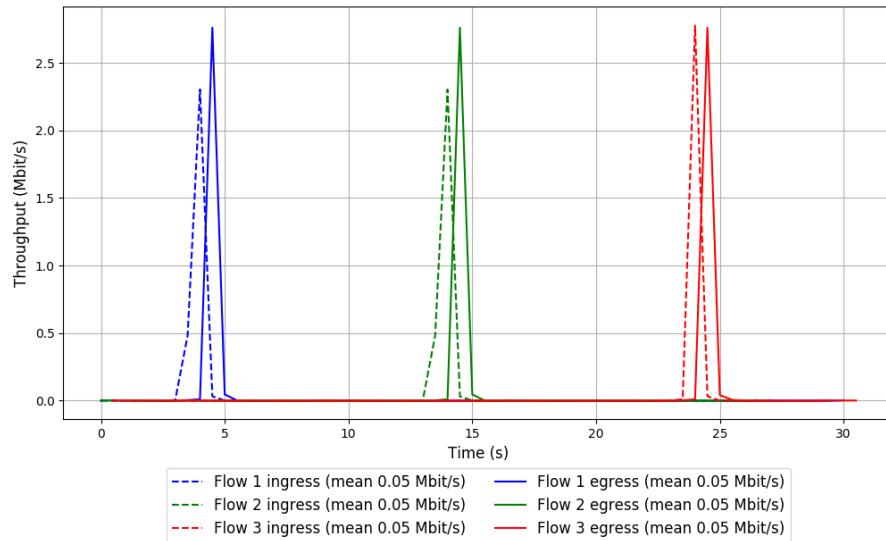


Run 2: Statistics of WebRTC media

```
Start at: 2019-08-27 10:01:39
End at: 2019-08-27 10:02:09
Local clock offset: -0.153 ms
Remote clock offset: -0.168 ms

# Below is generated by plot.py at 2019-08-27 15:32:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 62.557 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 60.236 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 60.596 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 62.689 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

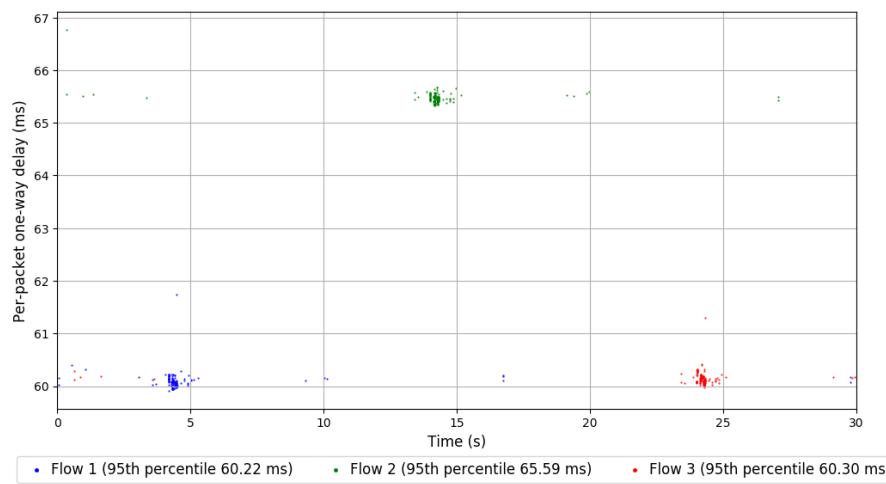
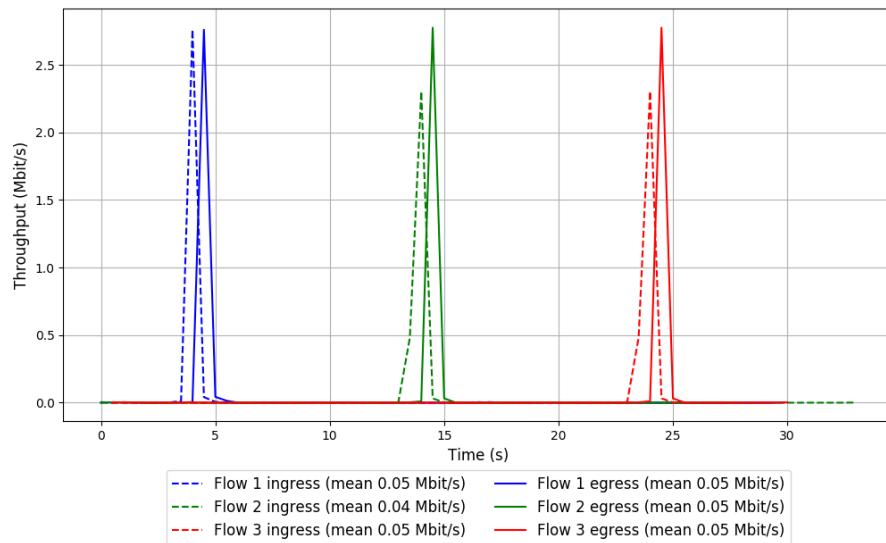


Run 3: Statistics of WebRTC media

```
Start at: 2019-08-27 10:42:18
End at: 2019-08-27 10:42:48
Local clock offset: -0.19 ms
Remote clock offset: -0.937 ms

# Below is generated by plot.py at 2019-08-27 15:32:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 65.549 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 60.220 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 65.592 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 60.300 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

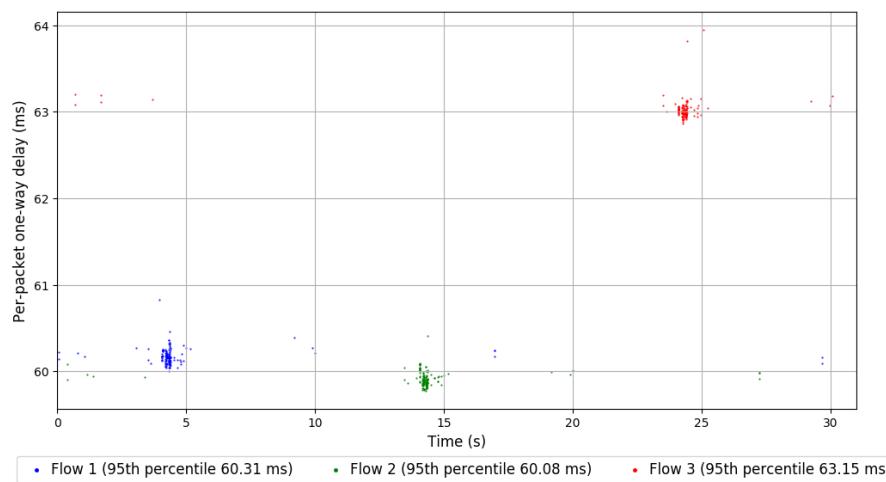
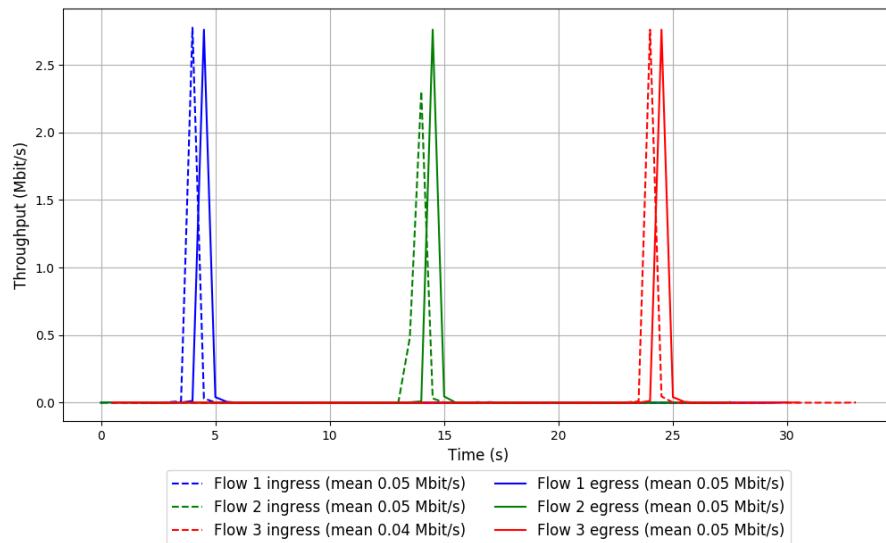


Run 4: Statistics of WebRTC media

```
Start at: 2019-08-27 11:23:24
End at: 2019-08-27 11:23:54
Local clock offset: 0.1 ms
Remote clock offset: -0.118 ms

# Below is generated by plot.py at 2019-08-27 15:32:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 63.075 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 60.308 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 60.080 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 63.153 ms
Loss rate: 0.05%
```

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

```
Start at: 2019-08-27 12:04:15
End at: 2019-08-27 12:04:45
Local clock offset: -0.003 ms
Remote clock offset: -0.148 ms

# Below is generated by plot.py at 2019-08-27 15:32:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 60.476 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 60.356 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 60.466 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 60.579 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

