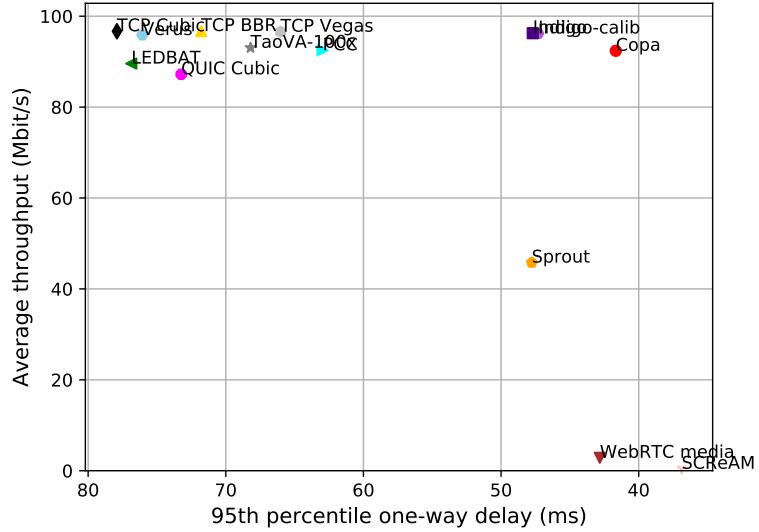


Pantheon Report

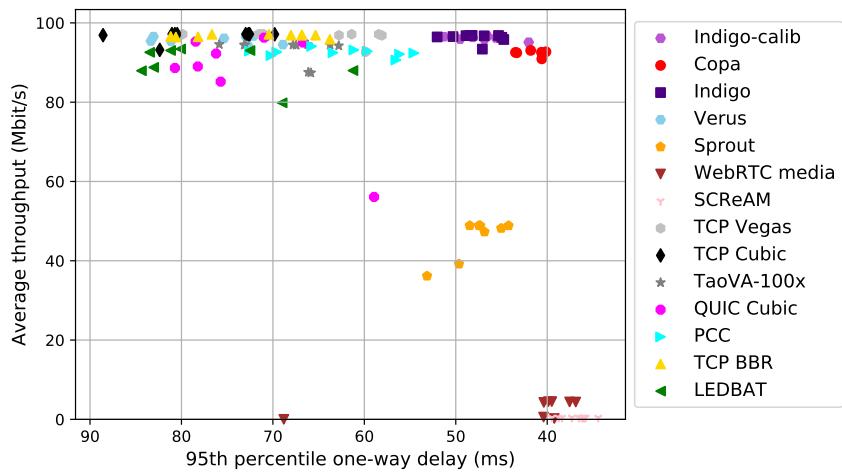
Generated at 2017-11-30 23:56:14 (UTC).
Data path: India Ethernet (*remote*) → AWS India 1 Ethernet (*local*).
Repeated the test of 14 congestion control schemes 10 times.
Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).
NTP offsets were measured against nets.org.sg and have been applied to correct the timestamps in logs.

```
Git summary:  
branch: indigos @ e3a57ad5ac5cfaca0e3f983c8dd4cc3509e0262  
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50  
M datagrump/sender.cc  
third_party/genericCC @ b5b7c38e8391001927dc41c6cfa2627d03dde737  
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55  
third_party/indigo-cellular @ aee99e8eb842cb053f8c9a80e28cd256a930bbc2  
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89  
third_party/indigo-no-cwnd @ 3e58442c04028a11d7b02456e137604633ba2d6c  
third_party/indigo-no-delivery-rate @ 57caa40858b964906edff4876d5a7e5bfff666c5  
third_party/indigo-no-queuing-delay @ 03455460fd1a8ffbdad86fab936fdca204b80db  
third_party/indigo-no-send-rate @ b39dfa6b2c5f19cb7cd89626cb4f5bb81f9fecda  
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681  
M datagrump/sender.cc  
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf  
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4  
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/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42  
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885  
third_party/sourdough @ f1a14bffe749737437f61b1eaeeb30b267cde681  
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce  
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/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

test from India Ethernet to AWS India 1 Ethernet, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows (mean of all runs by scheme)



test from India Ethernet to AWS India 1 Ethernet, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows



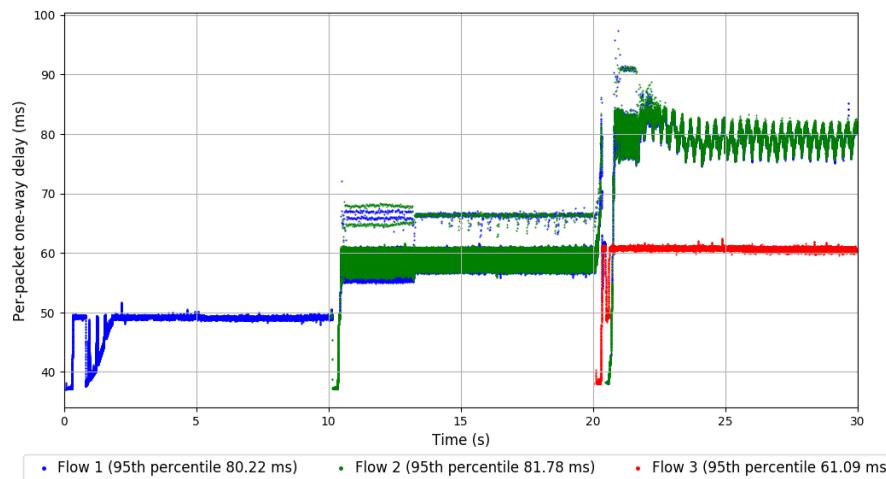
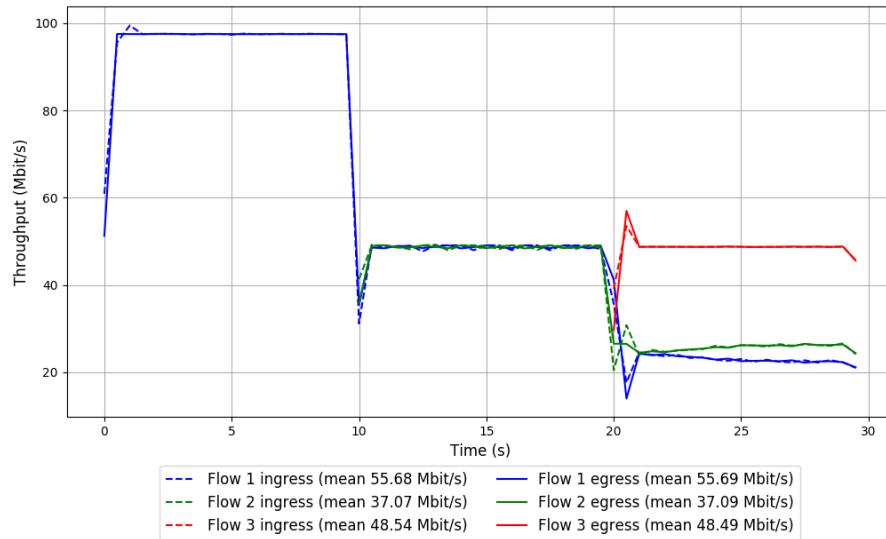
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	59.75	37.22	36.75	66.79	73.60	71.12	0.14	0.20	0.57
TCP Cubic	9	60.76	42.75	27.52	72.52	70.50	78.32	0.12	0.41	1.06
LEDBAT	8	55.04	38.90	26.80	74.28	71.68	72.80	0.22	0.44	1.17
PCC	10	63.02	36.15	16.46	60.02	59.77	60.59	0.08	0.21	0.37
QUIC Cubic	8	47.07	41.21	37.14	70.25	68.11	65.82	0.10	0.26	0.61
SCReAM	10	0.21	0.21	0.22	36.89	36.88	36.73	0.08	0.12	0.14
WebRTC media	8	1.50	1.02	0.54	42.81	40.75	43.19	0.02	0.35	0.35
Sprout	8	22.90	22.64	22.47	47.35	47.73	48.70	0.13	0.17	0.29
TaoVA-100x	10	58.65	39.65	31.57	64.41	68.67	67.17	0.10	0.24	0.72
TCP Vegas	9	58.70	38.30	37.27	62.85	57.25	62.85	0.08	0.10	0.41
Verus	10	58.48	39.38	33.76	72.79	74.12	72.17	0.11	0.26	0.63
Copa	6	58.49	39.38	27.59	41.16	42.23	42.93	0.06	0.12	0.39
Indigo	10	58.16	41.23	32.95	47.94	45.54	46.76	0.07	0.15	0.40
Indigo-calib	9	59.09	41.21	30.00	47.02	48.35	50.48	0.06	0.15	0.35

Run 1: Statistics of TCP BBR

```
Start at: 2017-11-30 17:59:05
End at: 2017-11-30 17:59:35
Local clock offset: 6.83 ms
Remote clock offset: -20.886 ms

# Below is generated by plot.py at 2017-11-30 23:36:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.43 Mbit/s
95th percentile per-packet one-way delay: 80.614 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 55.69 Mbit/s
95th percentile per-packet one-way delay: 80.219 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 37.09 Mbit/s
95th percentile per-packet one-way delay: 81.775 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 48.49 Mbit/s
95th percentile per-packet one-way delay: 61.092 ms
Loss rate: 0.62%
```

Run 1: Report of TCP BBR — Data Link

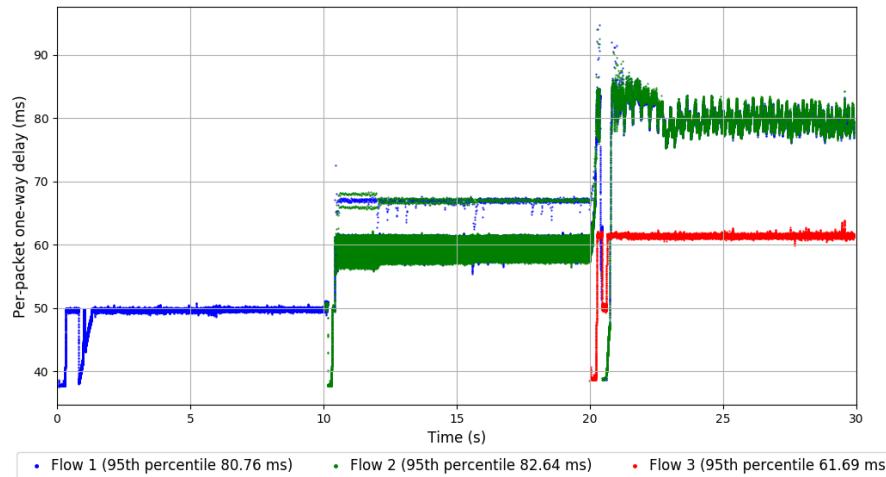
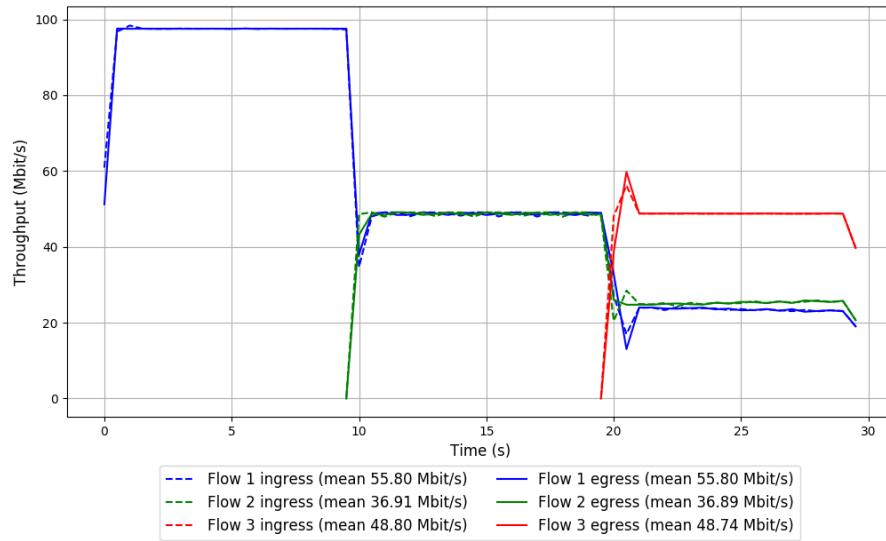


Run 2: Statistics of TCP BBR

```
Start at: 2017-11-30 18:16:43
End at: 2017-11-30 18:17:13
Local clock offset: 7.211 ms
Remote clock offset: -20.914 ms

# Below is generated by plot.py at 2017-11-30 23:36:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.60 Mbit/s
95th percentile per-packet one-way delay: 81.174 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 55.80 Mbit/s
95th percentile per-packet one-way delay: 80.756 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 36.89 Mbit/s
95th percentile per-packet one-way delay: 82.643 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 48.74 Mbit/s
95th percentile per-packet one-way delay: 61.688 ms
Loss rate: 0.61%
```

Run 2: Report of TCP BBR — Data Link

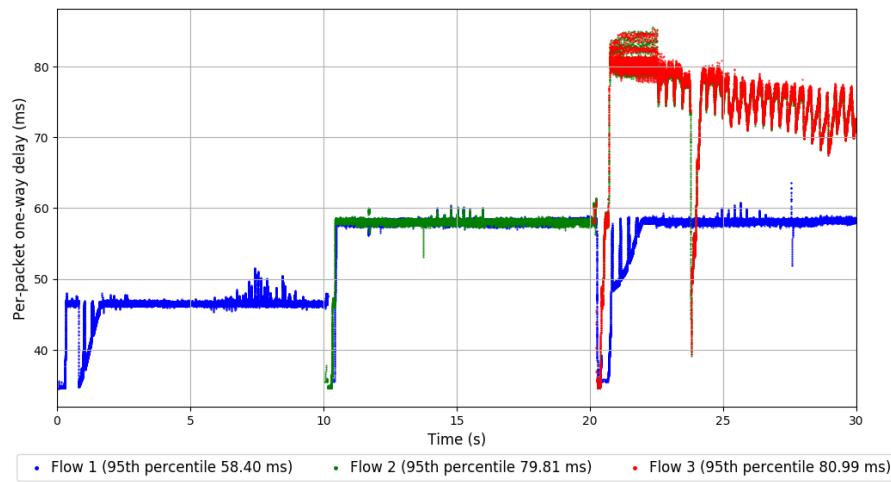
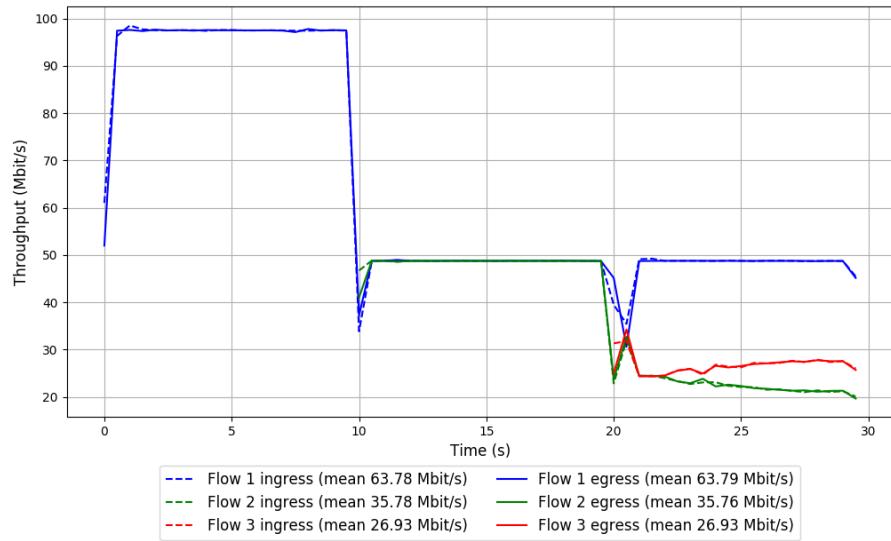


Run 3: Statistics of TCP BBR

```
Start at: 2017-11-30 18:34:27
End at: 2017-11-30 18:34:57
Local clock offset: 3.102 ms
Remote clock offset: -21.895 ms

# Below is generated by plot.py at 2017-11-30 23:36:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.49 Mbit/s
95th percentile per-packet one-way delay: 78.177 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 63.79 Mbit/s
95th percentile per-packet one-way delay: 58.397 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 35.76 Mbit/s
95th percentile per-packet one-way delay: 79.811 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 26.93 Mbit/s
95th percentile per-packet one-way delay: 80.994 ms
Loss rate: 0.80%
```

Run 3: Report of TCP BBR — Data Link

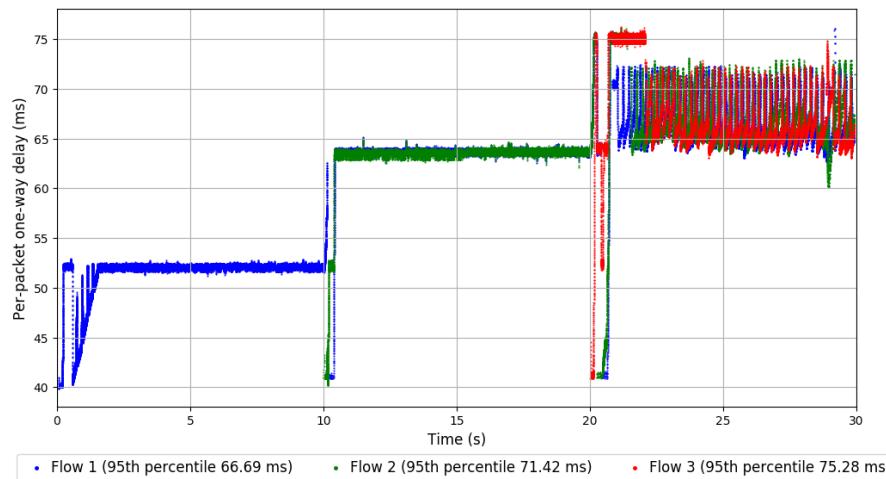
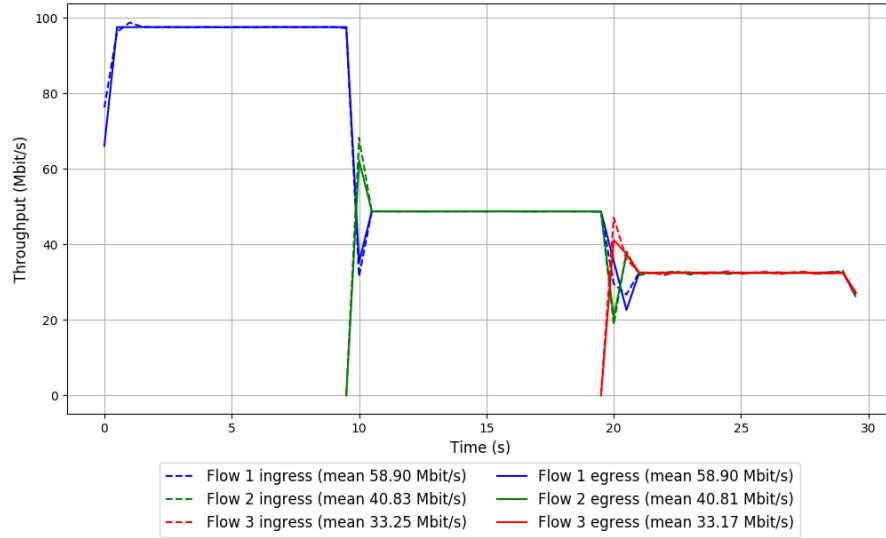


Run 4: Statistics of TCP BBR

```
Start at: 2017-11-30 18:51:39
End at: 2017-11-30 18:52:09
Local clock offset: 8.522 ms
Remote clock offset: -22.166 ms

# Below is generated by plot.py at 2017-11-30 23:36:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 70.433 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 58.90 Mbit/s
95th percentile per-packet one-way delay: 66.687 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 40.81 Mbit/s
95th percentile per-packet one-way delay: 71.418 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 33.17 Mbit/s
95th percentile per-packet one-way delay: 75.282 ms
Loss rate: 0.55%
```

Run 4: Report of TCP BBR — Data Link

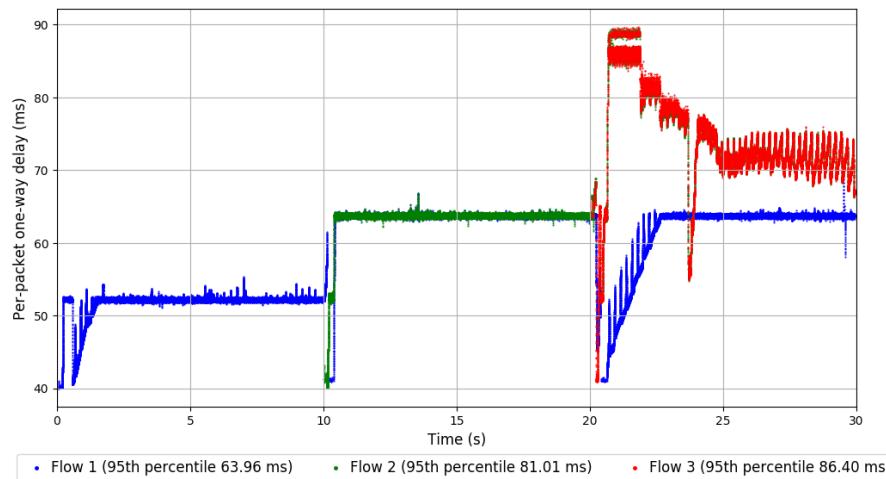
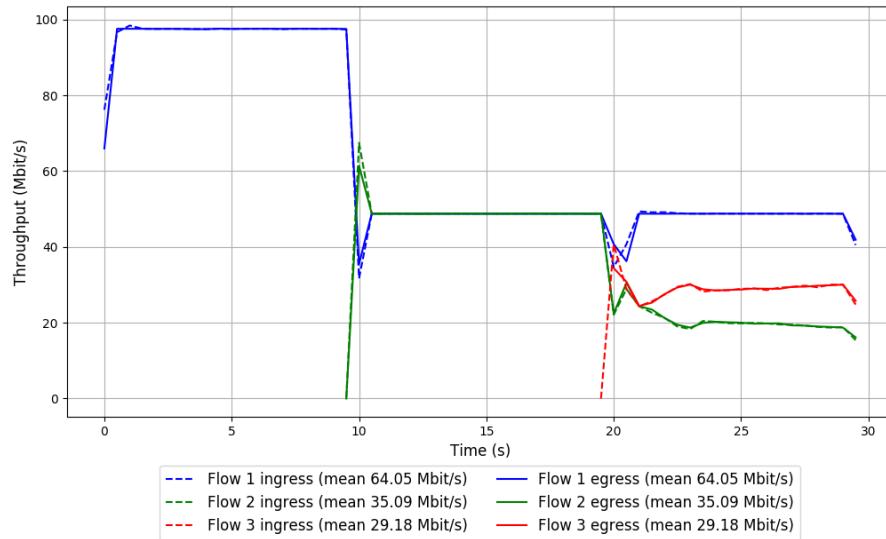


Run 5: Statistics of TCP BBR

```
Start at: 2017-11-30 19:08:48
End at: 2017-11-30 19:09:18
Local clock offset: 8.798 ms
Remote clock offset: -22.415 ms

# Below is generated by plot.py at 2017-11-30 23:36:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 76.669 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 64.05 Mbit/s
95th percentile per-packet one-way delay: 63.962 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 35.09 Mbit/s
95th percentile per-packet one-way delay: 81.007 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 29.18 Mbit/s
95th percentile per-packet one-way delay: 86.396 ms
Loss rate: 0.56%
```

Run 5: Report of TCP BBR — Data Link

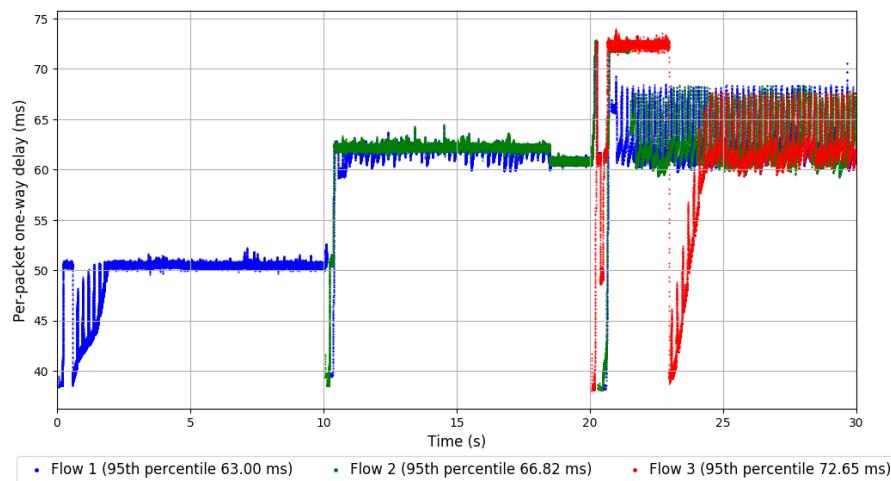
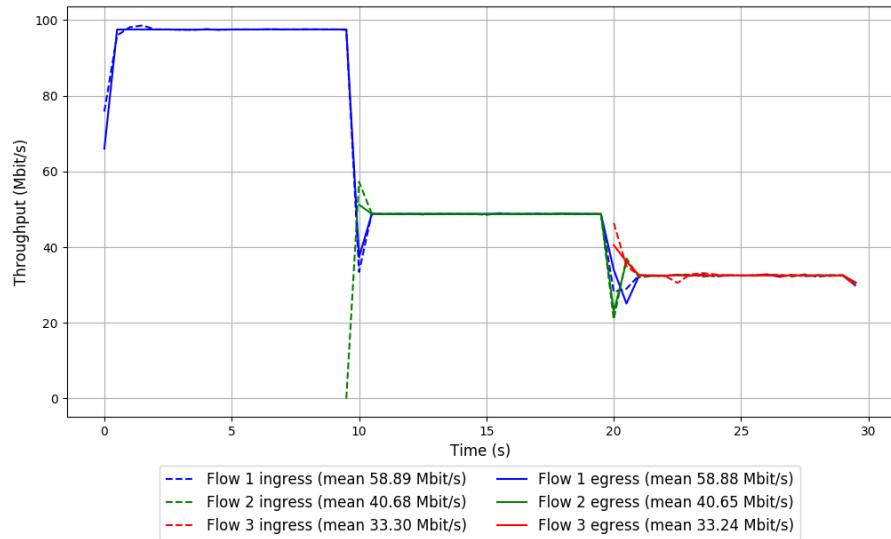


Run 6: Statistics of TCP BBR

```
Start at: 2017-11-30 19:25:37
End at: 2017-11-30 19:26:07
Local clock offset: 8.032 ms
Remote clock offset: -22.006 ms

# Below is generated by plot.py at 2017-11-30 23:36:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.98 Mbit/s
95th percentile per-packet one-way delay: 66.825 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 58.88 Mbit/s
95th percentile per-packet one-way delay: 62.998 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 40.65 Mbit/s
95th percentile per-packet one-way delay: 66.816 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 33.24 Mbit/s
95th percentile per-packet one-way delay: 72.651 ms
Loss rate: 0.48%
```

Run 6: Report of TCP BBR — Data Link

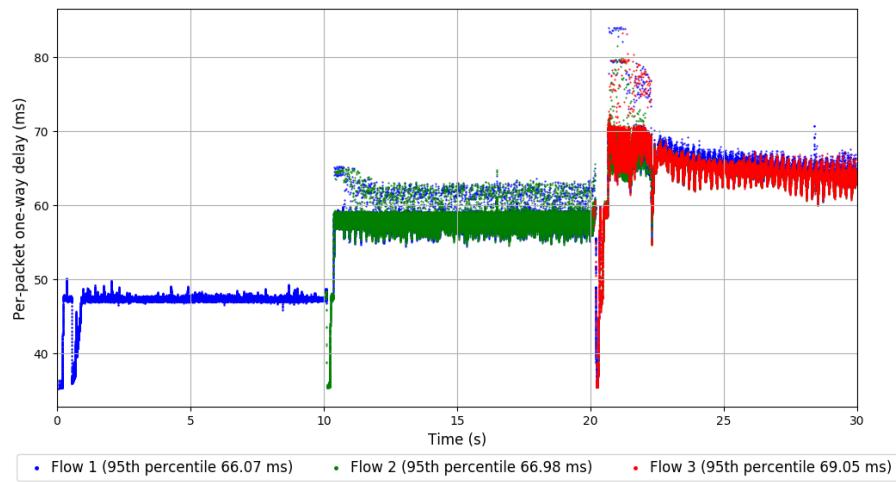
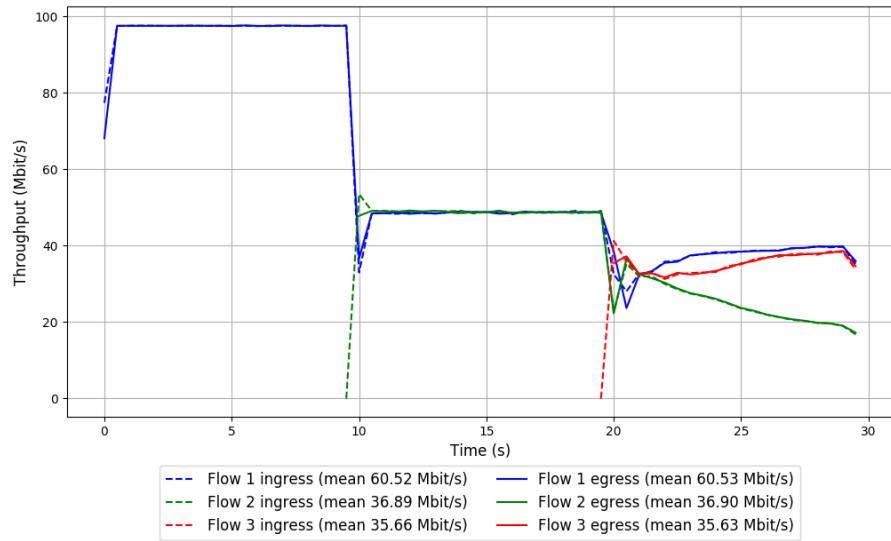


Run 7: Statistics of TCP BBR

```
Start at: 2017-11-30 19:43:03
End at: 2017-11-30 19:43:33
Local clock offset: 5.113 ms
Remote clock offset: -22.216 ms

# Below is generated by plot.py at 2017-11-30 23:36:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.90 Mbit/s
95th percentile per-packet one-way delay: 66.836 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 60.53 Mbit/s
95th percentile per-packet one-way delay: 66.072 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 36.90 Mbit/s
95th percentile per-packet one-way delay: 66.981 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 35.63 Mbit/s
95th percentile per-packet one-way delay: 69.053 ms
Loss rate: 0.53%
```

Run 7: Report of TCP BBR — Data Link

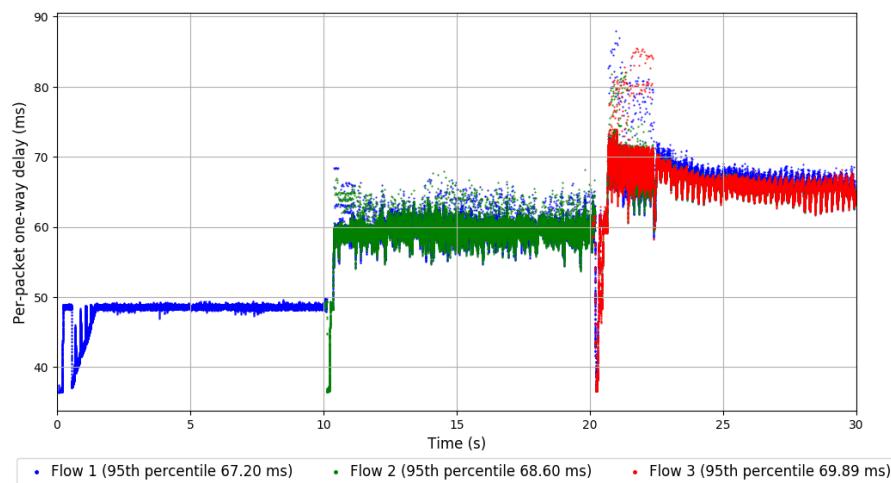
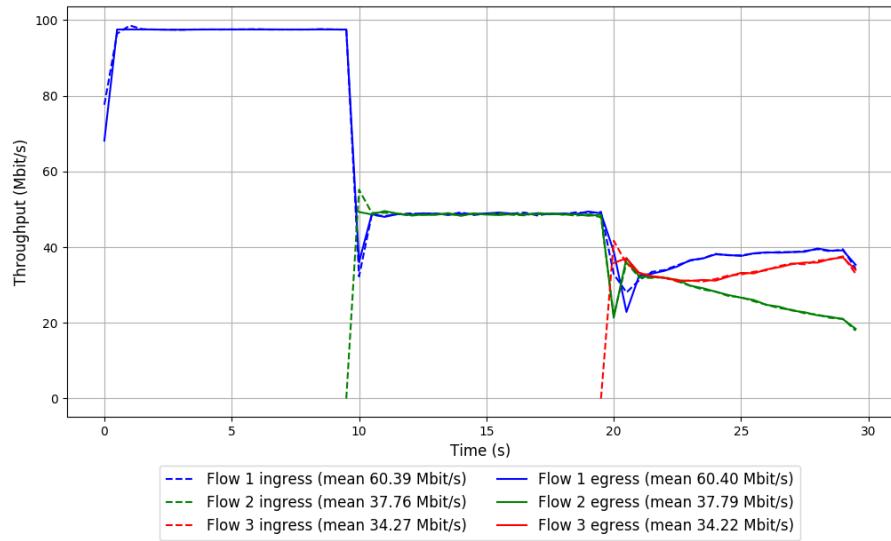


Run 8: Statistics of TCP BBR

```
Start at: 2017-11-30 20:00:30
End at: 2017-11-30 20:01:00
Local clock offset: 4.436 ms
Remote clock offset: -22.507 ms

# Below is generated by plot.py at 2017-11-30 23:36:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.90 Mbit/s
95th percentile per-packet one-way delay: 68.022 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 60.40 Mbit/s
95th percentile per-packet one-way delay: 67.199 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 37.79 Mbit/s
95th percentile per-packet one-way delay: 68.600 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 34.22 Mbit/s
95th percentile per-packet one-way delay: 69.891 ms
Loss rate: 0.59%
```

Run 8: Report of TCP BBR — Data Link

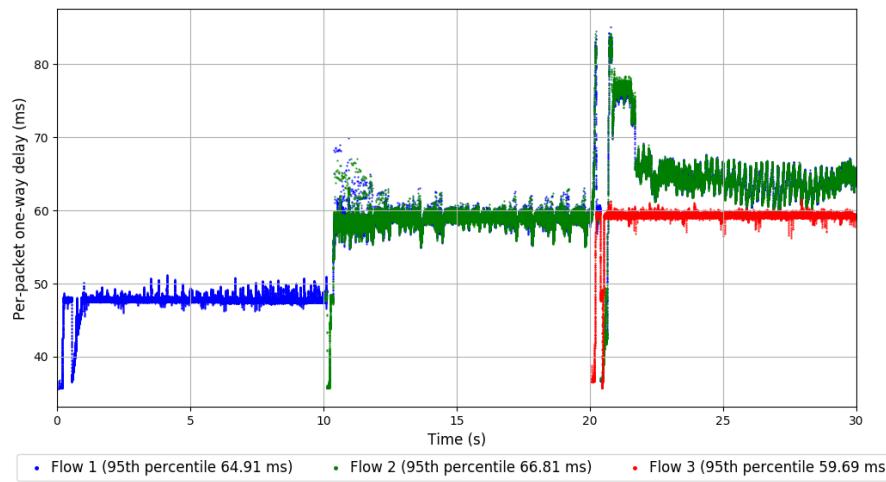
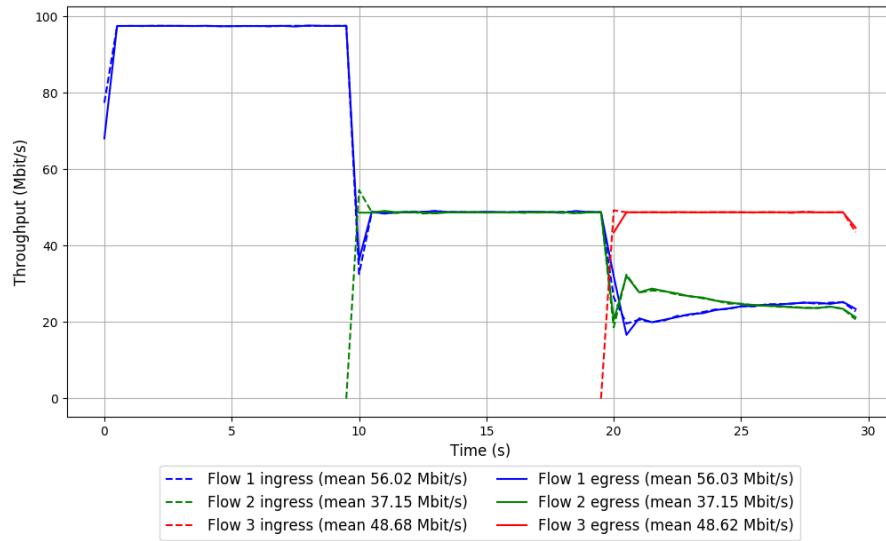


Run 9: Statistics of TCP BBR

```
Start at: 2017-11-30 20:18:10
End at: 2017-11-30 20:18:40
Local clock offset: 2.518 ms
Remote clock offset: -22.194 ms

# Below is generated by plot.py at 2017-11-30 23:37:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.91 Mbit/s
95th percentile per-packet one-way delay: 65.340 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 56.03 Mbit/s
95th percentile per-packet one-way delay: 64.907 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 37.15 Mbit/s
95th percentile per-packet one-way delay: 66.805 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 48.62 Mbit/s
95th percentile per-packet one-way delay: 59.693 ms
Loss rate: 0.48%
```

Run 9: Report of TCP BBR — Data Link

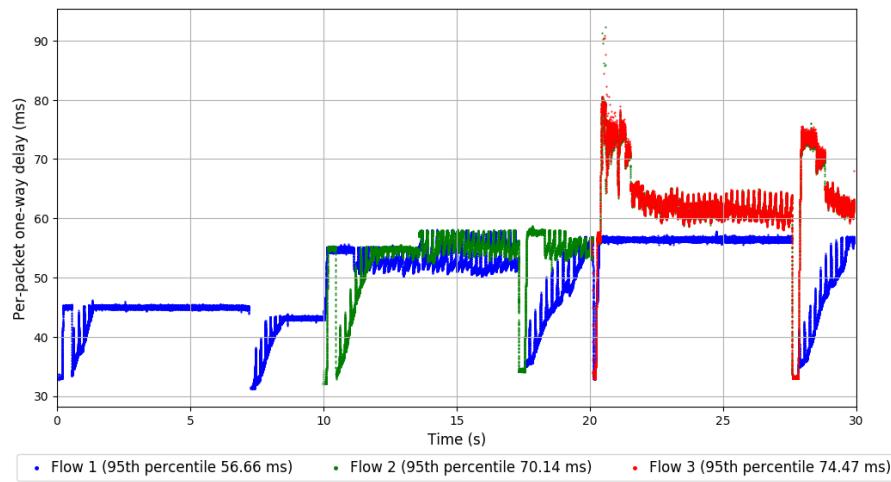
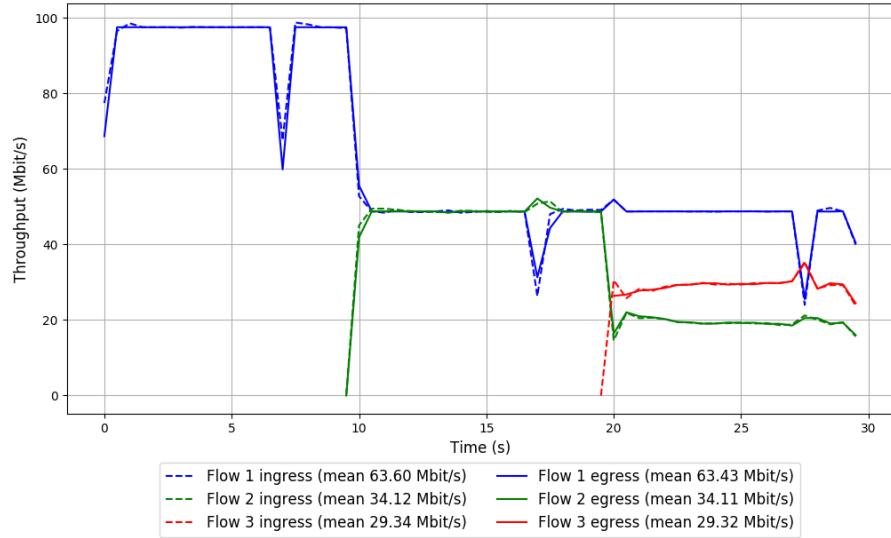


Run 10: Statistics of TCP BBR

```
Start at: 2017-11-30 20:35:08
End at: 2017-11-30 20:35:38
Local clock offset: 4.428 ms
Remote clock offset: -16.803 ms

# Below is generated by plot.py at 2017-11-30 23:37:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.88 Mbit/s
95th percentile per-packet one-way delay: 63.769 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 63.43 Mbit/s
95th percentile per-packet one-way delay: 56.661 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 34.11 Mbit/s
95th percentile per-packet one-way delay: 70.142 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 29.32 Mbit/s
95th percentile per-packet one-way delay: 74.474 ms
Loss rate: 0.49%
```

Run 10: Report of TCP BBR — Data Link

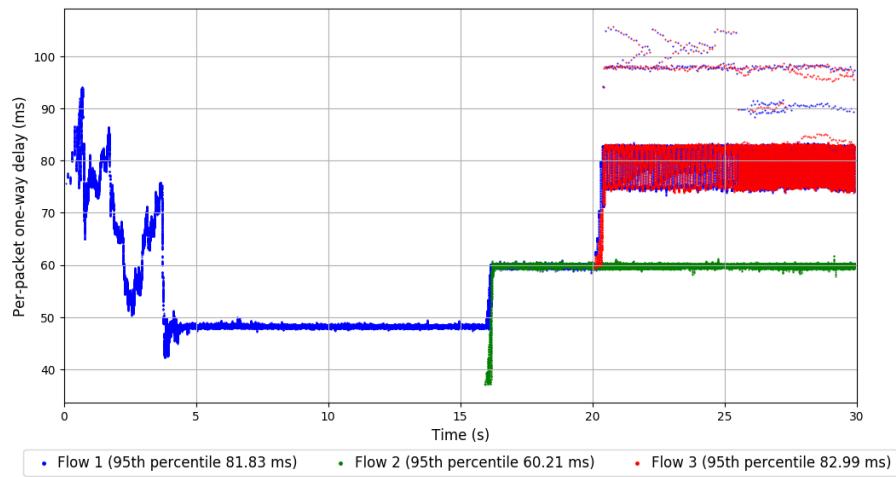
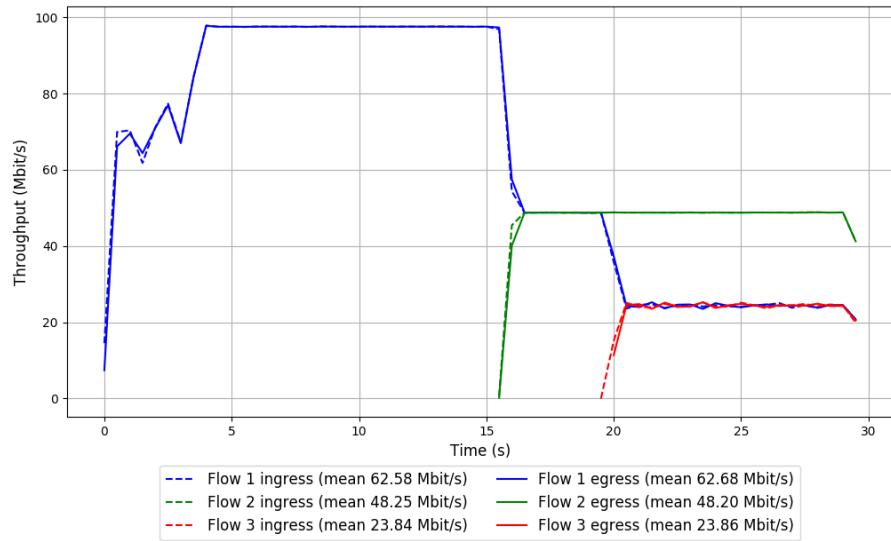


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2017-11-30 18:00:22
End at: 2017-11-30 18:00:52
Local clock offset: 6.143 ms
Remote clock offset: -20.746 ms

# Below is generated by plot.py at 2017-11-30 23:37:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.19 Mbit/s
95th percentile per-packet one-way delay: 82.372 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 62.68 Mbit/s
95th percentile per-packet one-way delay: 81.825 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 48.20 Mbit/s
95th percentile per-packet one-way delay: 60.214 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 23.86 Mbit/s
95th percentile per-packet one-way delay: 82.986 ms
Loss rate: 0.78%
```

Run 1: Report of TCP Cubic — Data Link

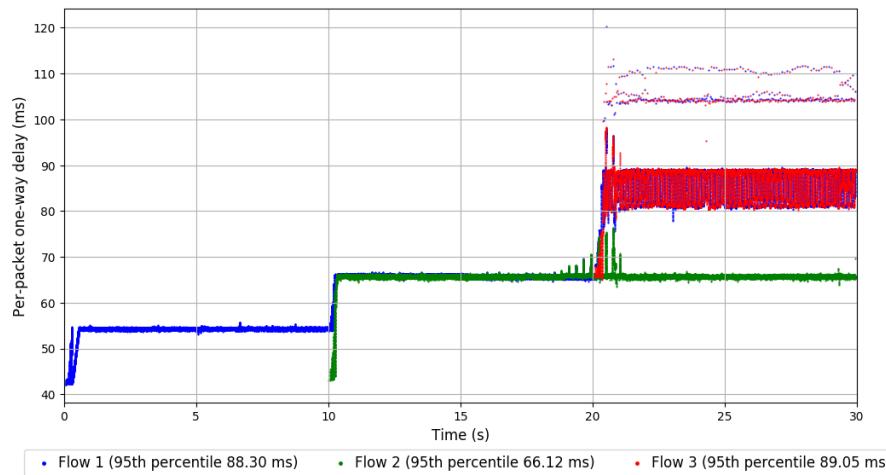
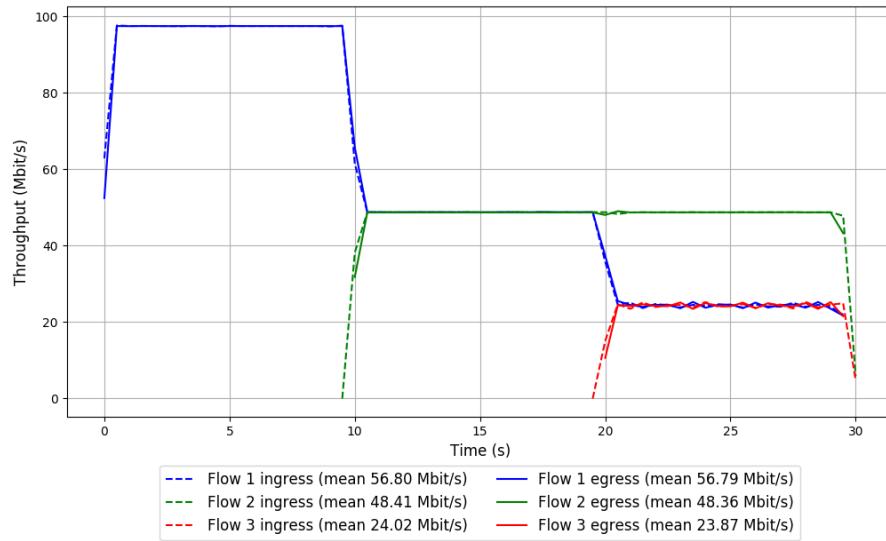


Run 2: Statistics of TCP Cubic

```
Start at: 2017-11-30 18:17:57
End at: 2017-11-30 18:18:27
Local clock offset: 8.82 ms
Remote clock offset: -23.795 ms

# Below is generated by plot.py at 2017-11-30 23:37:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.90 Mbit/s
95th percentile per-packet one-way delay: 88.575 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 56.79 Mbit/s
95th percentile per-packet one-way delay: 88.299 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 48.36 Mbit/s
95th percentile per-packet one-way delay: 66.122 ms
Loss rate: 0.87%
-- Flow 3:
Average throughput: 23.87 Mbit/s
95th percentile per-packet one-way delay: 89.045 ms
Loss rate: 2.44%
```

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2017-11-30 18:35:40
End at: 2017-11-30 18:36:10
Local clock offset: 3.666 ms
Remote clock offset: -20.497 ms

Run 3: Report of TCP Cubic — Data Link

Figure is missing

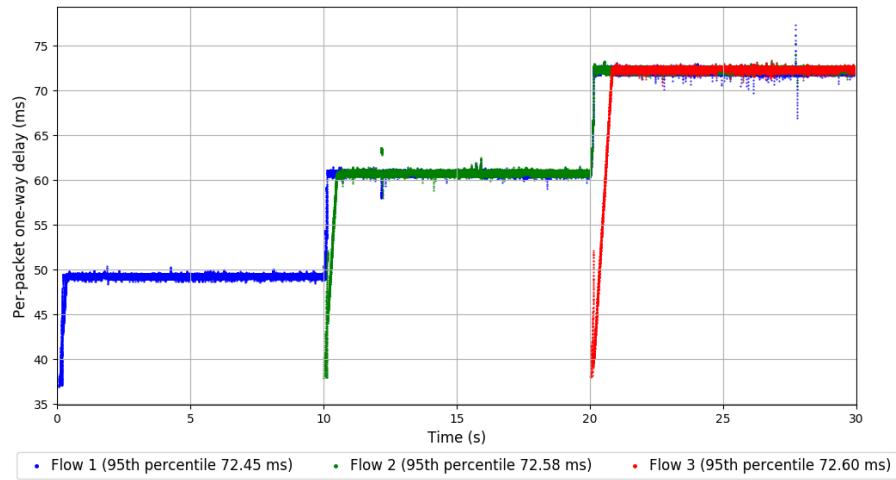
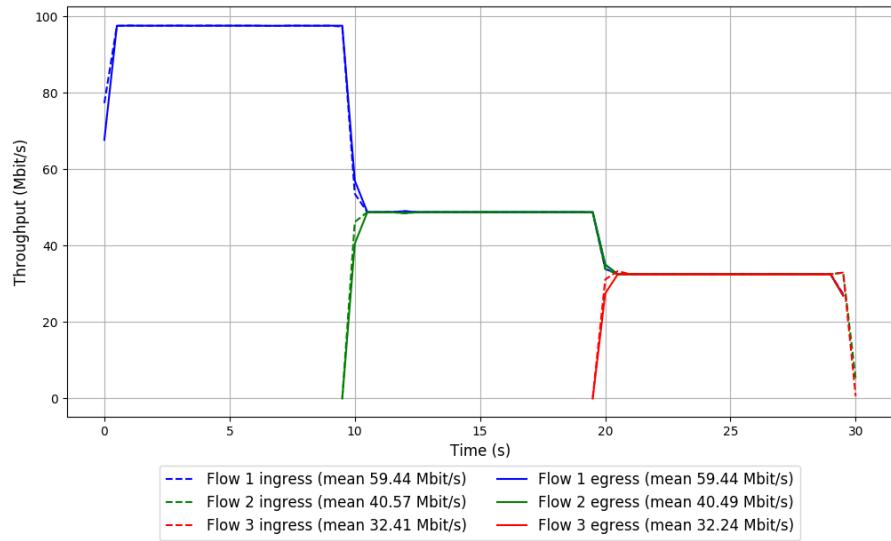
Figure is missing

Run 4: Statistics of TCP Cubic

```
Start at: 2017-11-30 18:52:52
End at: 2017-11-30 18:53:22
Local clock offset: 6.687 ms
Remote clock offset: -21.117 ms

# Below is generated by plot.py at 2017-11-30 23:37:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.15 Mbit/s
95th percentile per-packet one-way delay: 72.550 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 59.44 Mbit/s
95th percentile per-packet one-way delay: 72.452 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 40.49 Mbit/s
95th percentile per-packet one-way delay: 72.580 ms
Loss rate: 0.97%
-- Flow 3:
Average throughput: 32.24 Mbit/s
95th percentile per-packet one-way delay: 72.597 ms
Loss rate: 1.74%
```

Run 4: Report of TCP Cubic — Data Link

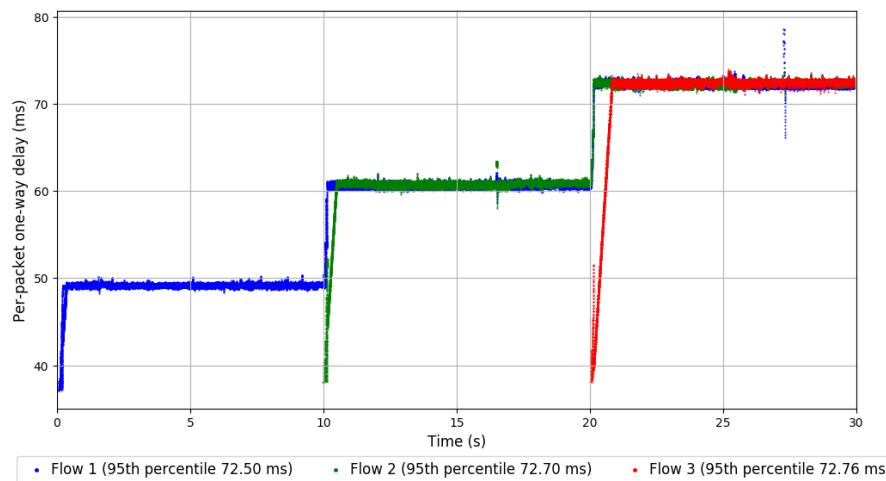
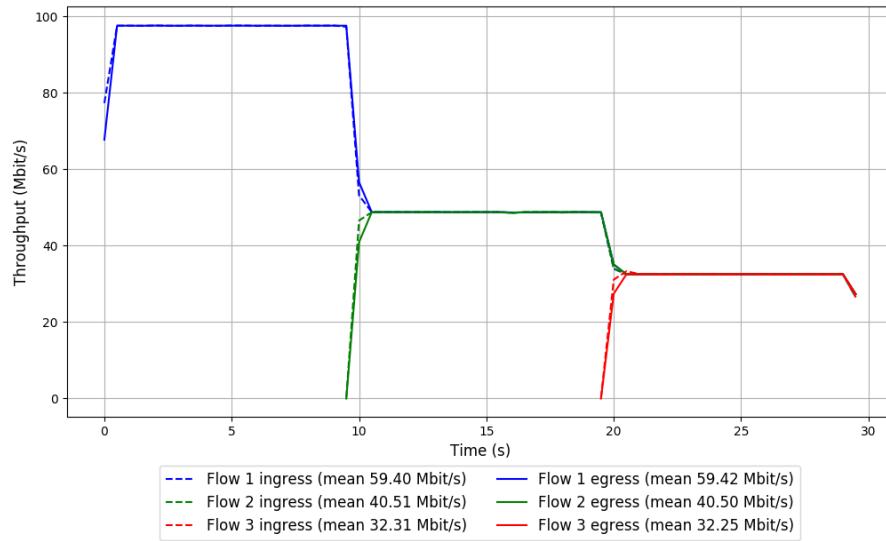


Run 5: Statistics of TCP Cubic

```
Start at: 2017-11-30 19:10:02
End at: 2017-11-30 19:10:32
Local clock offset: 6.399 ms
Remote clock offset: -22.006 ms

# Below is generated by plot.py at 2017-11-30 23:37:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.15 Mbit/s
95th percentile per-packet one-way delay: 72.680 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 59.42 Mbit/s
95th percentile per-packet one-way delay: 72.502 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.50 Mbit/s
95th percentile per-packet one-way delay: 72.704 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 32.25 Mbit/s
95th percentile per-packet one-way delay: 72.757 ms
Loss rate: 0.61%
```

Run 5: Report of TCP Cubic — Data Link

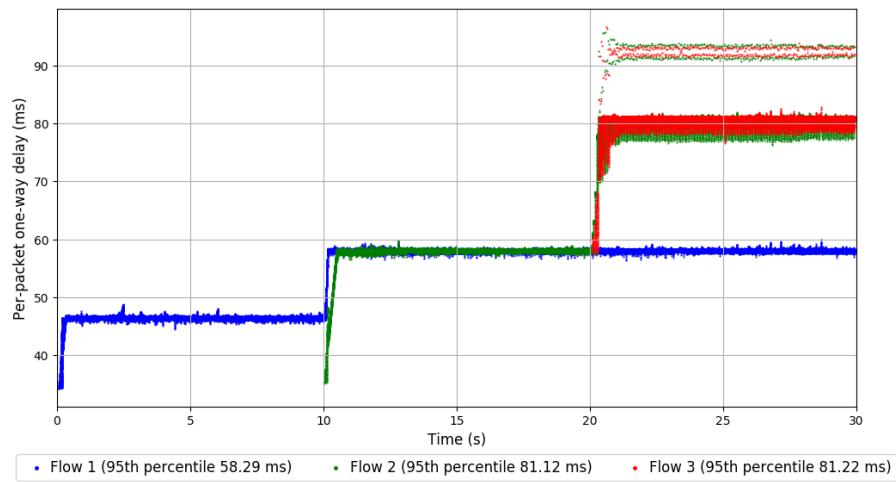
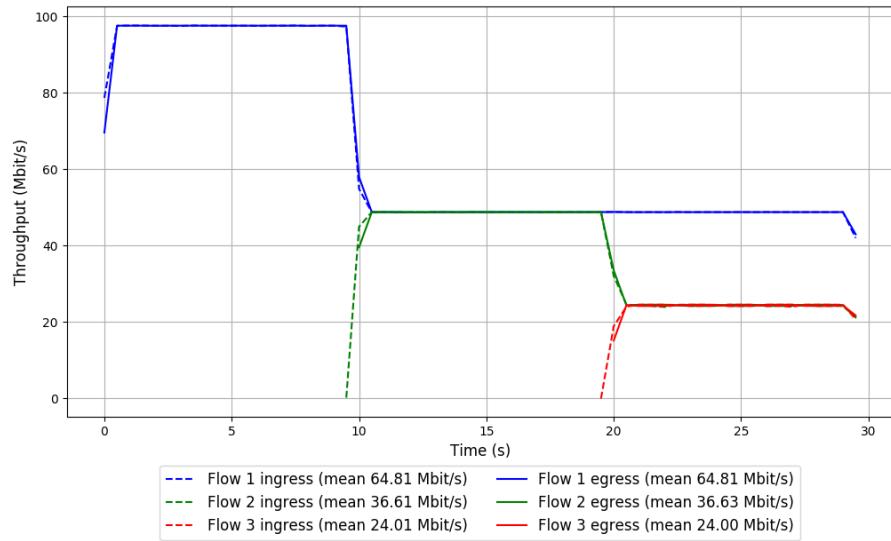


Run 6: Statistics of TCP Cubic

```
Start at: 2017-11-30 19:26:51
End at: 2017-11-30 19:27:21
Local clock offset: 6.382 ms
Remote clock offset: -20.847 ms

# Below is generated by plot.py at 2017-11-30 23:37:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.17 Mbit/s
95th percentile per-packet one-way delay: 81.036 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 64.81 Mbit/s
95th percentile per-packet one-way delay: 58.293 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 36.63 Mbit/s
95th percentile per-packet one-way delay: 81.121 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 24.00 Mbit/s
95th percentile per-packet one-way delay: 81.221 ms
Loss rate: 0.73%
```

Run 6: Report of TCP Cubic — Data Link

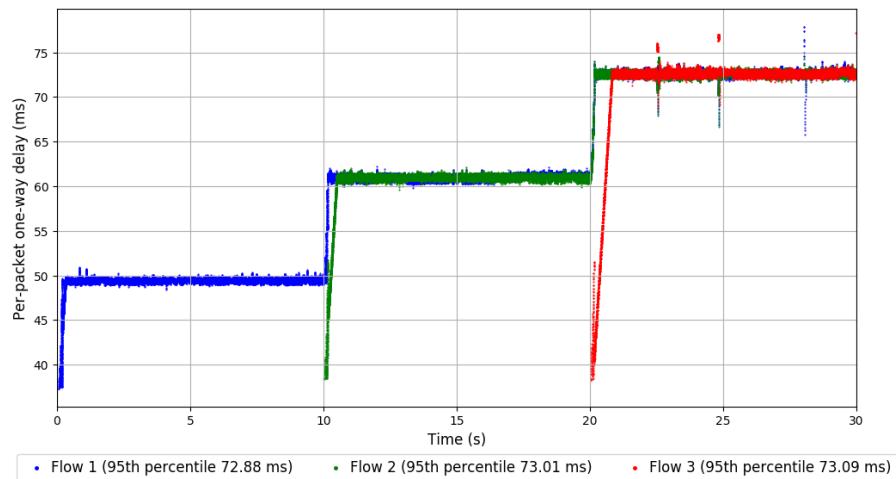
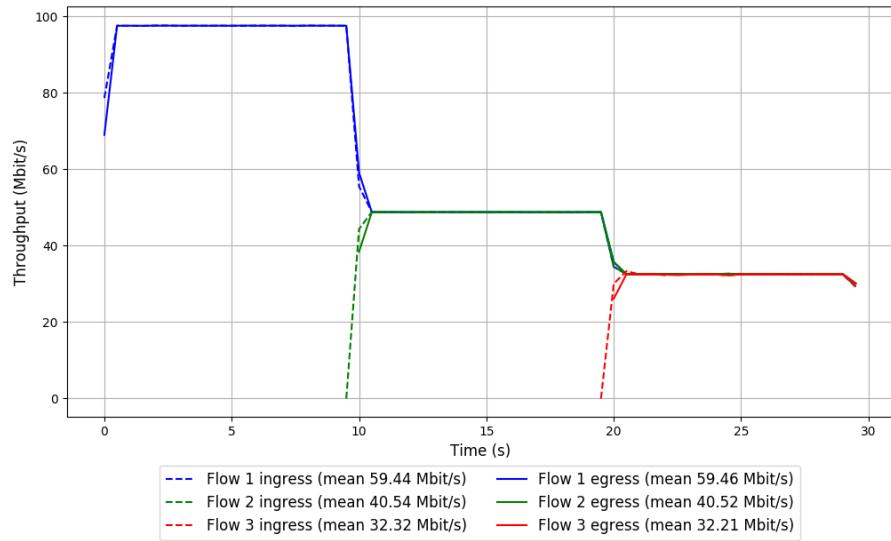


Run 7: Statistics of TCP Cubic

```
Start at: 2017-11-30 19:44:20
End at: 2017-11-30 19:44:50
Local clock offset: 7.166 ms
Remote clock offset: -22.082 ms

# Below is generated by plot.py at 2017-11-30 23:37:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.16 Mbit/s
95th percentile per-packet one-way delay: 72.975 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 59.46 Mbit/s
95th percentile per-packet one-way delay: 72.878 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.52 Mbit/s
95th percentile per-packet one-way delay: 73.010 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 32.21 Mbit/s
95th percentile per-packet one-way delay: 73.088 ms
Loss rate: 0.60%
```

Run 7: Report of TCP Cubic — Data Link

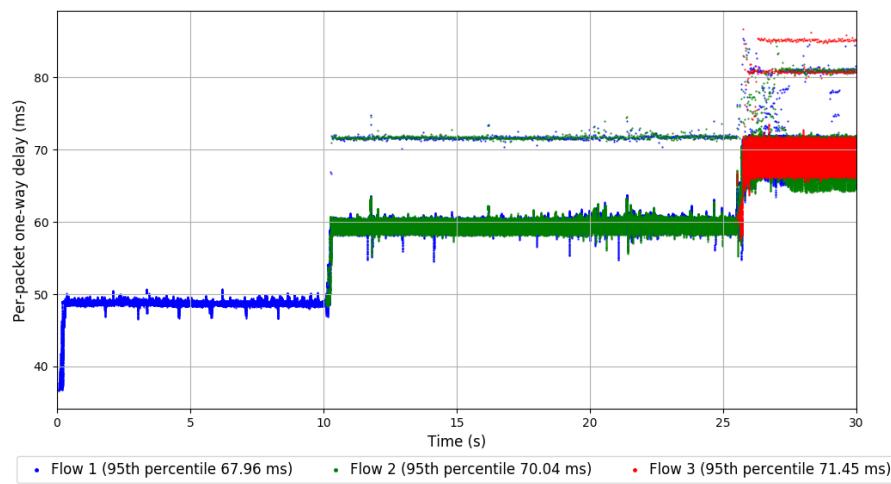
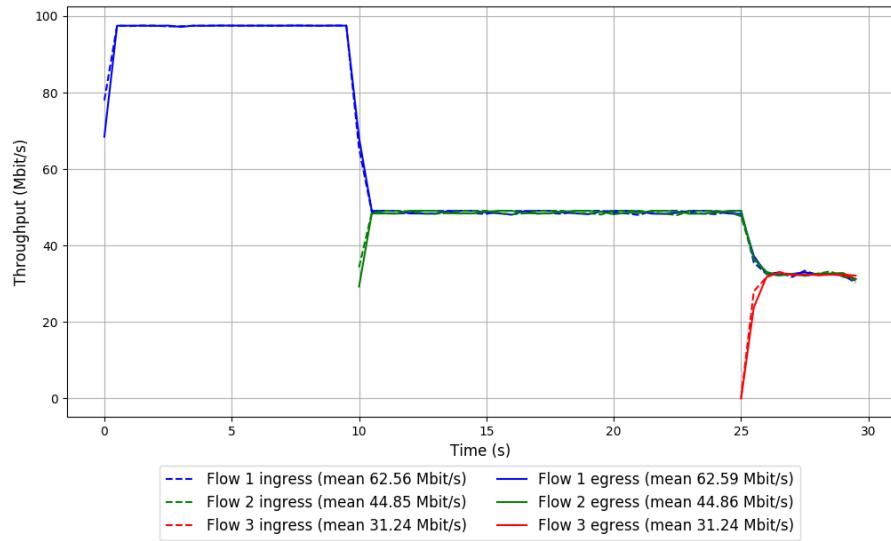


Run 8: Statistics of TCP Cubic

```
Start at: 2017-11-30 20:01:44
End at: 2017-11-30 20:02:14
Local clock offset: 6.734 ms
Remote clock offset: -20.367 ms

# Below is generated by plot.py at 2017-11-30 23:39:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.13 Mbit/s
95th percentile per-packet one-way delay: 69.807 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 62.59 Mbit/s
95th percentile per-packet one-way delay: 67.964 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 44.86 Mbit/s
95th percentile per-packet one-way delay: 70.043 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 31.24 Mbit/s
95th percentile per-packet one-way delay: 71.447 ms
Loss rate: 1.22%
```

Run 8: Report of TCP Cubic — Data Link

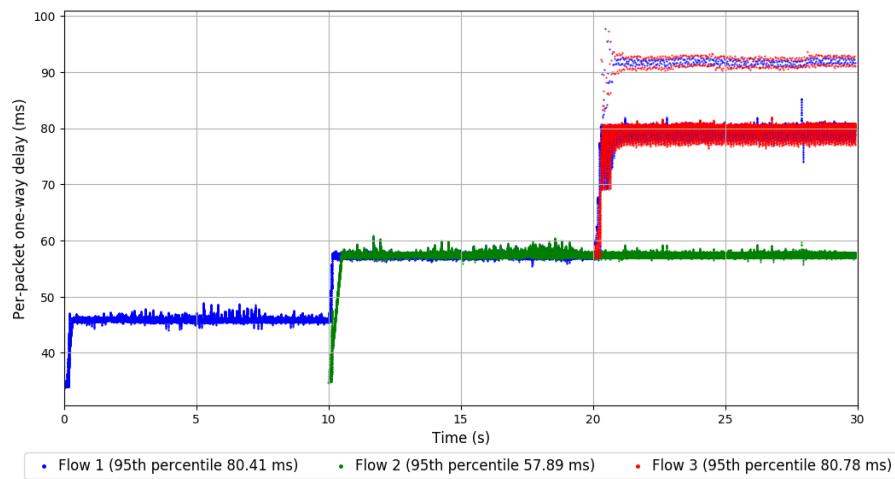
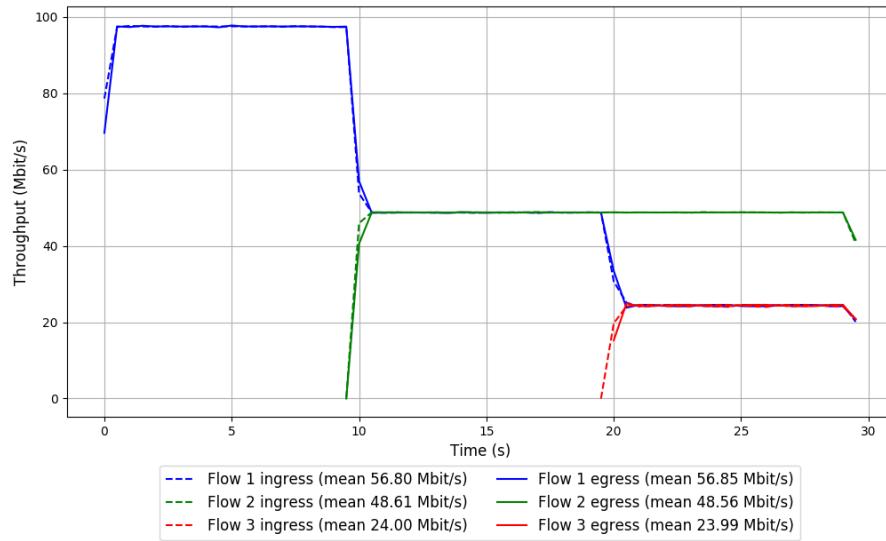


Run 9: Statistics of TCP Cubic

```
Start at: 2017-11-30 20:19:26
End at: 2017-11-30 20:19:56
Local clock offset: 2.598 ms
Remote clock offset: -20.268 ms

# Below is generated by plot.py at 2017-11-30 23:39:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.17 Mbit/s
95th percentile per-packet one-way delay: 80.466 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 56.85 Mbit/s
95th percentile per-packet one-way delay: 80.410 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 48.56 Mbit/s
95th percentile per-packet one-way delay: 57.889 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 23.99 Mbit/s
95th percentile per-packet one-way delay: 80.778 ms
Loss rate: 0.73%
```

Run 9: Report of TCP Cubic — Data Link

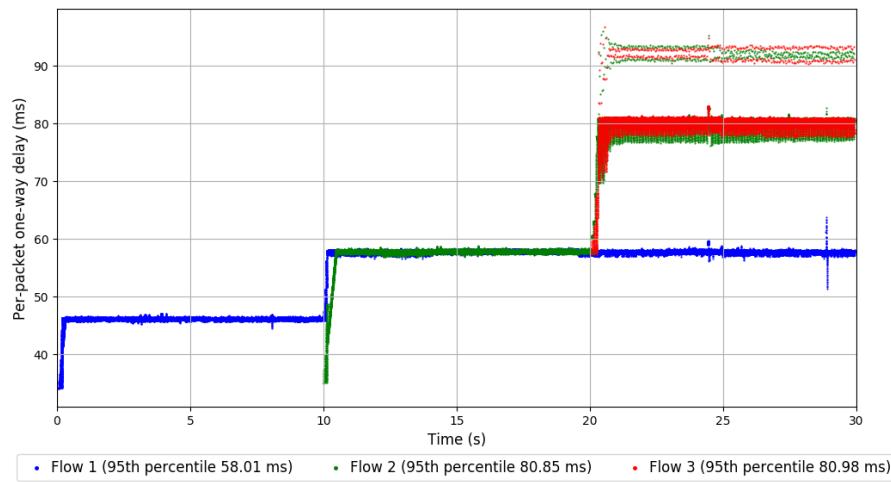
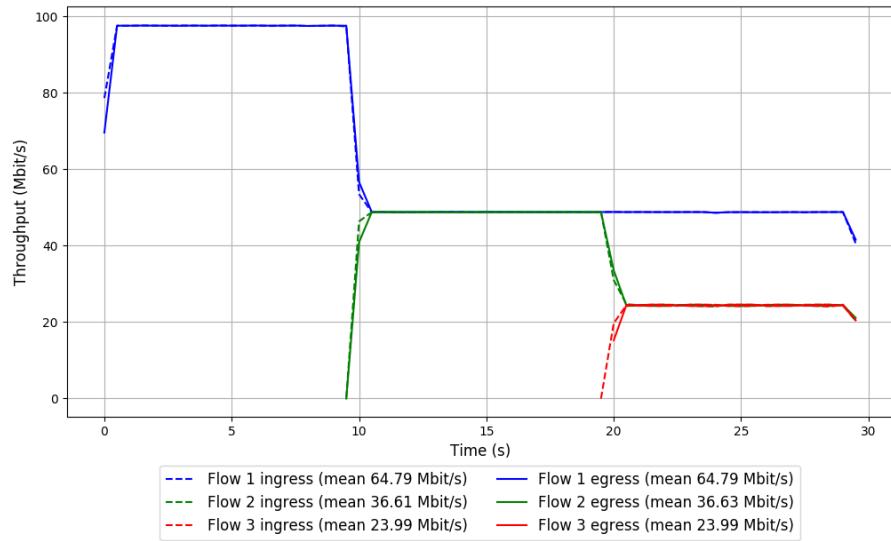


Run 10: Statistics of TCP Cubic

```
Start at: 2017-11-30 20:36:19
End at: 2017-11-30 20:36:49
Local clock offset: 4.122 ms
Remote clock offset: -18.318 ms

# Below is generated by plot.py at 2017-11-30 23:39:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.16 Mbit/s
95th percentile per-packet one-way delay: 80.717 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 64.79 Mbit/s
95th percentile per-packet one-way delay: 58.013 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 36.63 Mbit/s
95th percentile per-packet one-way delay: 80.846 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 23.99 Mbit/s
95th percentile per-packet one-way delay: 80.981 ms
Loss rate: 0.73%
```

Run 10: Report of TCP Cubic — Data Link

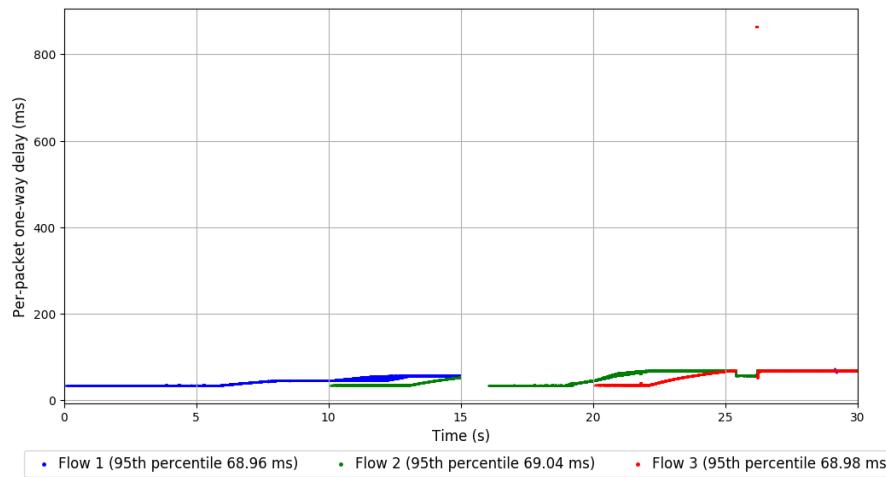
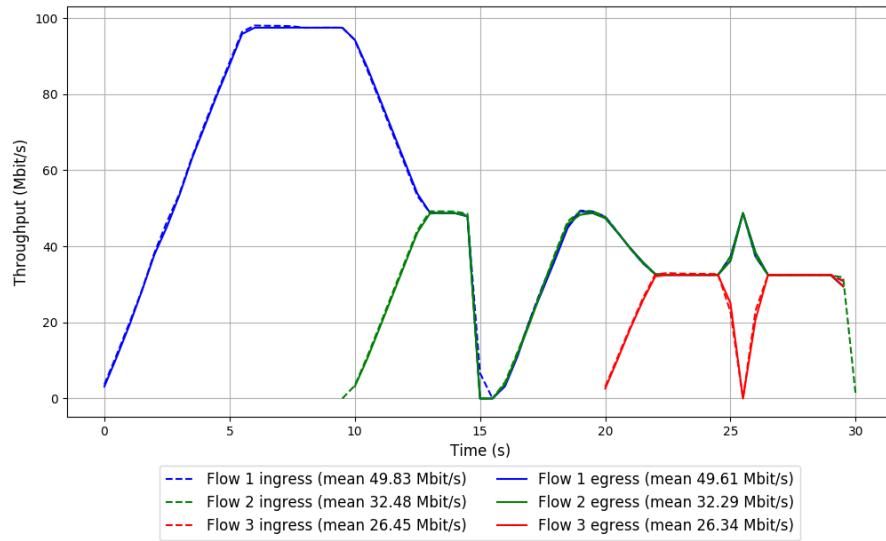


```
Run 1: Statistics of LEDBAT
```

```
Start at: 2017-11-30 17:53:07
End at: 2017-11-30 17:53:37
Local clock offset: 4.094 ms
Remote clock offset: -20.509 ms

# Below is generated by plot.py at 2017-11-30 23:39:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.83 Mbit/s
95th percentile per-packet one-way delay: 68.991 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 49.61 Mbit/s
95th percentile per-packet one-way delay: 68.957 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 32.29 Mbit/s
95th percentile per-packet one-way delay: 69.044 ms
Loss rate: 1.03%
-- Flow 3:
Average throughput: 26.34 Mbit/s
95th percentile per-packet one-way delay: 68.977 ms
Loss rate: 1.12%
```

Run 1: Report of LEDBAT — Data Link

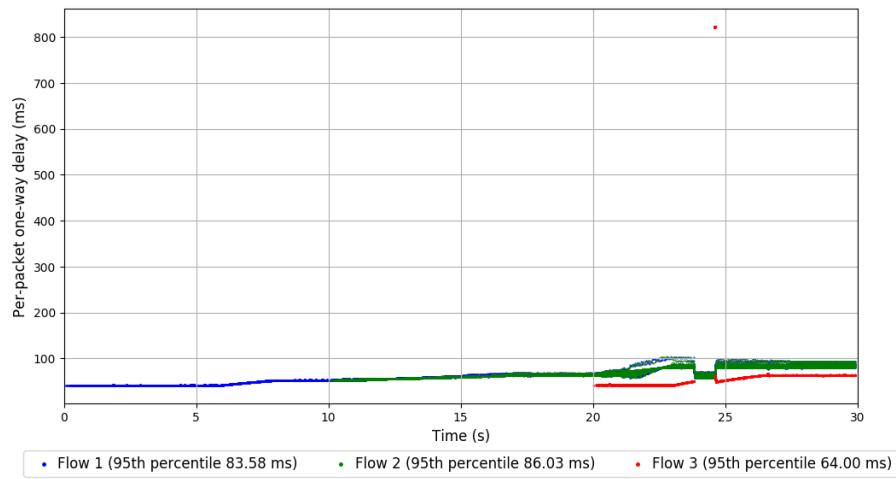
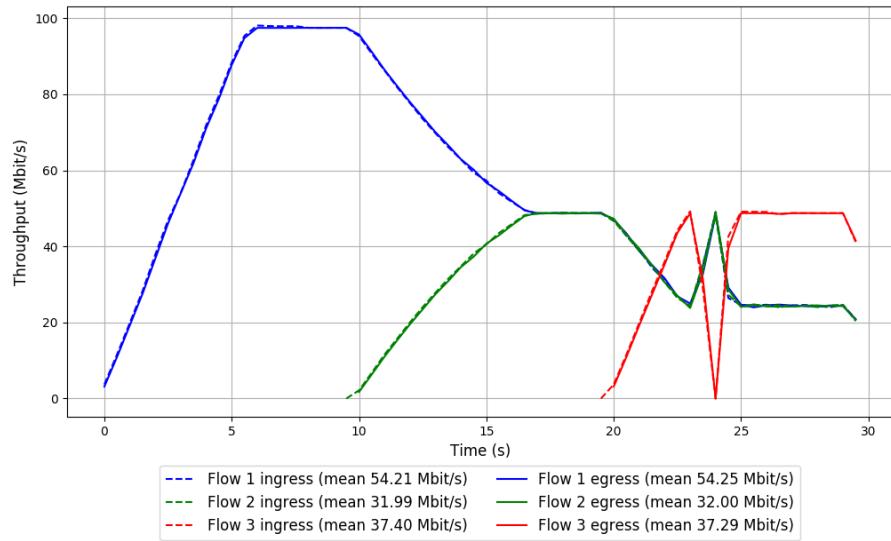


Run 2: Statistics of LEDBAT

```
Start at: 2017-11-30 18:10:33
End at: 2017-11-30 18:11:03
Local clock offset: 8.599 ms
Remote clock offset: -22.57 ms

# Below is generated by plot.py at 2017-11-30 23:39:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.93 Mbit/s
95th percentile per-packet one-way delay: 84.379 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 54.25 Mbit/s
95th percentile per-packet one-way delay: 83.579 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 32.00 Mbit/s
95th percentile per-packet one-way delay: 86.028 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 37.29 Mbit/s
95th percentile per-packet one-way delay: 64.002 ms
Loss rate: 0.79%
```

Run 2: Report of LEDBAT — Data Link

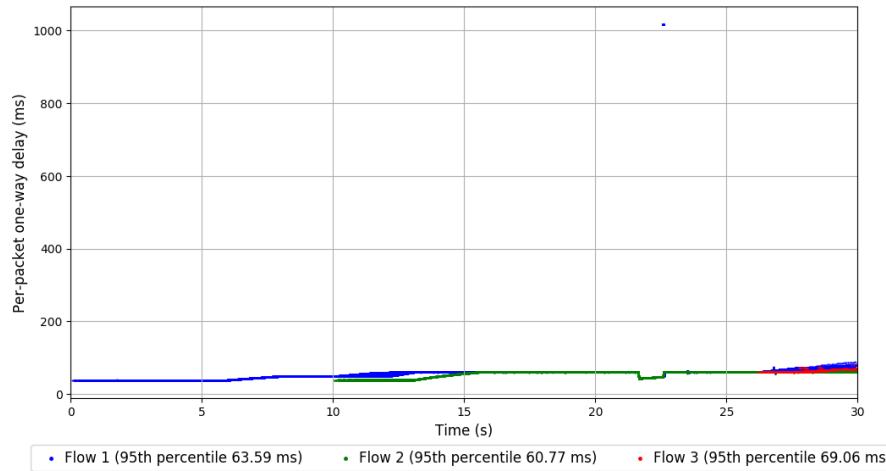
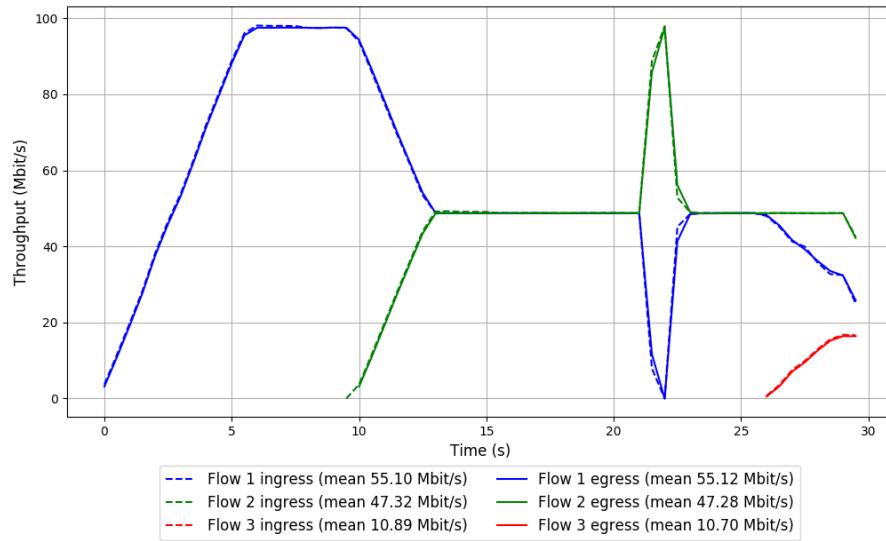


Run 3: Statistics of LEDBAT

```
Start at: 2017-11-30 18:28:03
End at: 2017-11-30 18:28:33
Local clock offset: 6.545 ms
Remote clock offset: -21.299 ms

# Below is generated by plot.py at 2017-11-30 23:39:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.98 Mbit/s
95th percentile per-packet one-way delay: 61.247 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 55.12 Mbit/s
95th percentile per-packet one-way delay: 63.592 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 47.28 Mbit/s
95th percentile per-packet one-way delay: 60.768 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 10.70 Mbit/s
95th percentile per-packet one-way delay: 69.061 ms
Loss rate: 3.31%
```

Run 3: Report of LEDBAT — Data Link

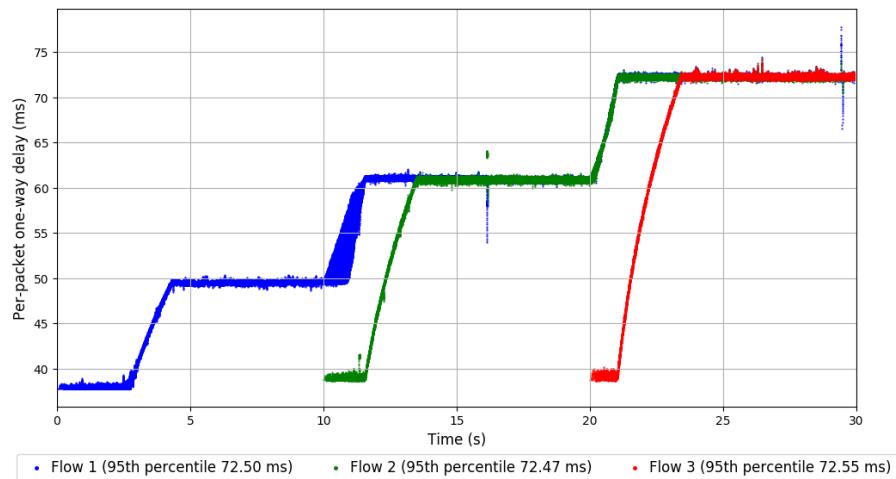
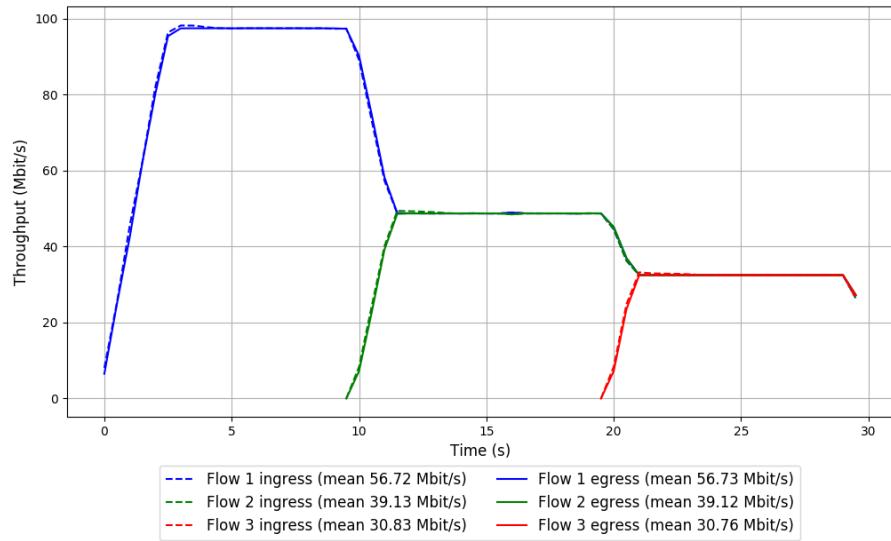


Run 4: Statistics of LEDBAT

```
Start at: 2017-11-30 18:45:20
End at: 2017-11-30 18:45:50
Local clock offset: 7.264 ms
Remote clock offset: -21.118 ms

# Below is generated by plot.py at 2017-11-30 23:39:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.03 Mbit/s
95th percentile per-packet one-way delay: 72.507 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 56.73 Mbit/s
95th percentile per-packet one-way delay: 72.498 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 39.12 Mbit/s
95th percentile per-packet one-way delay: 72.470 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 30.76 Mbit/s
95th percentile per-packet one-way delay: 72.547 ms
Loss rate: 0.64%
```

Run 4: Report of LEDBAT — Data Link

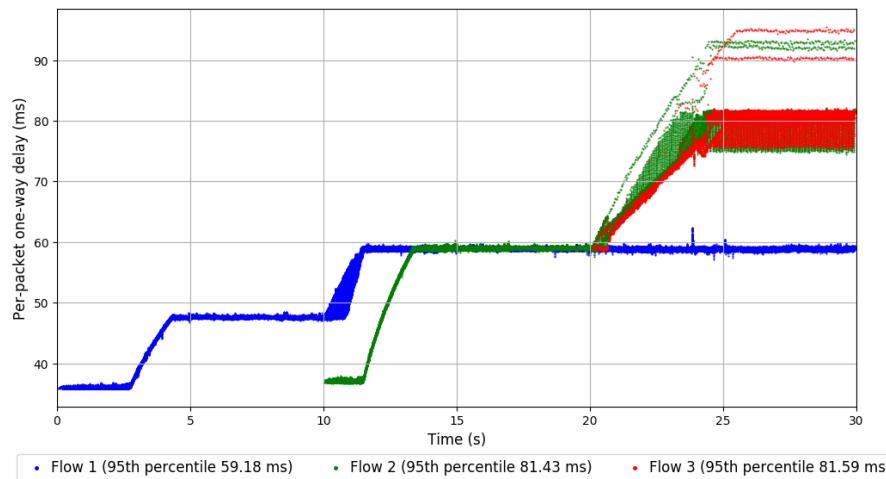
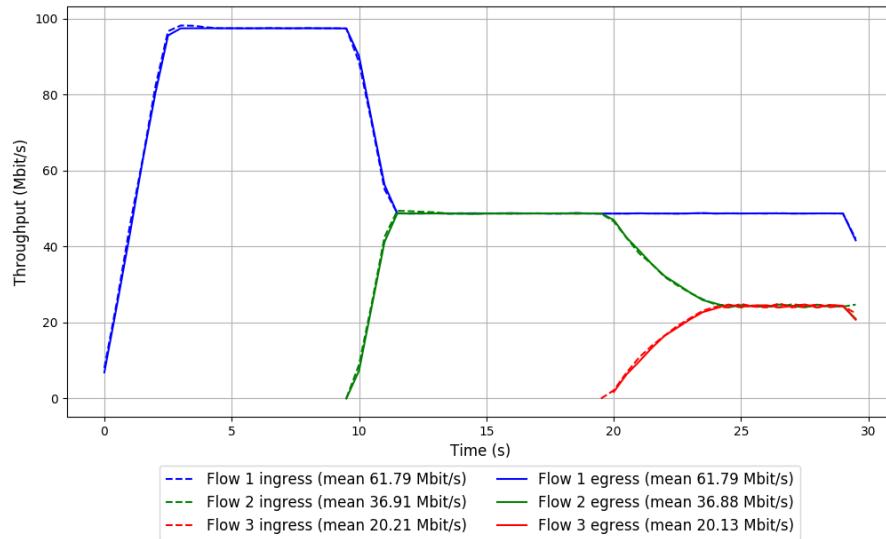


Run 5: Statistics of LEDBAT

```
Start at: 2017-11-30 19:02:33
End at: 2017-11-30 19:03:03
Local clock offset: 6.984 ms
Remote clock offset: -19.888 ms

# Below is generated by plot.py at 2017-11-30 23:39:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.04 Mbit/s
95th percentile per-packet one-way delay: 81.191 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 61.79 Mbit/s
95th percentile per-packet one-way delay: 59.177 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 36.88 Mbit/s
95th percentile per-packet one-way delay: 81.432 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 20.13 Mbit/s
95th percentile per-packet one-way delay: 81.594 ms
Loss rate: 1.32%
```

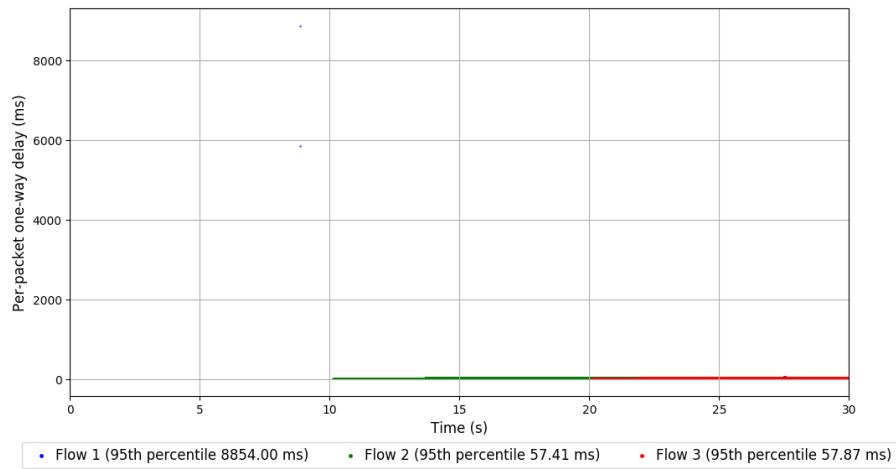
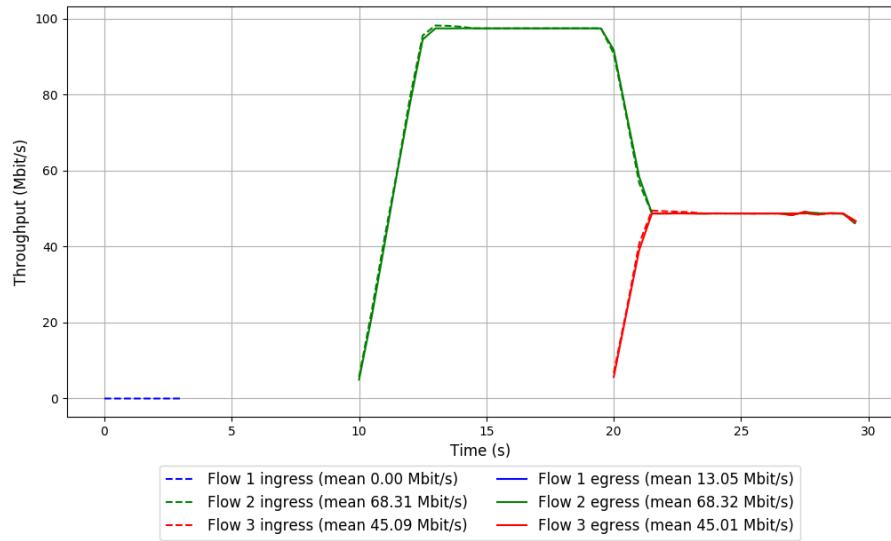
Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: 2017-11-30 19:19:37
End at: 2017-11-30 19:20:07
Local clock offset: 5.442 ms
Remote clock offset: -19.873 ms

Run 6: Report of LEDBAT — Data Link

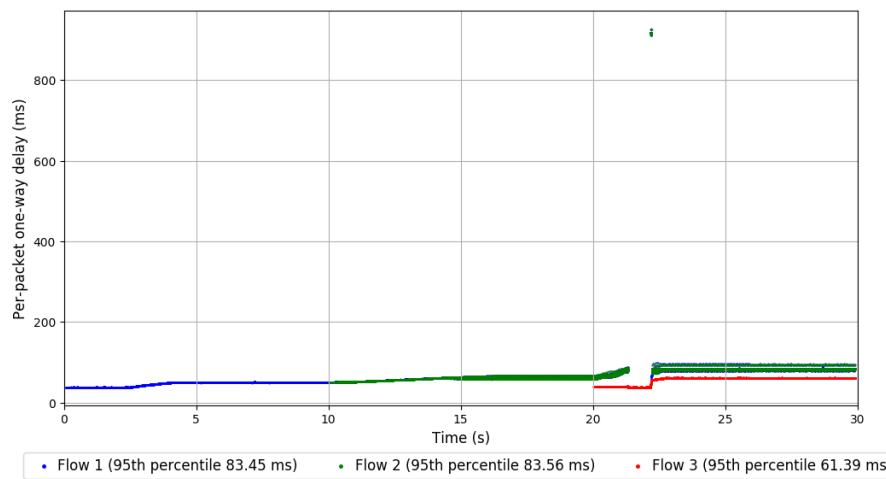
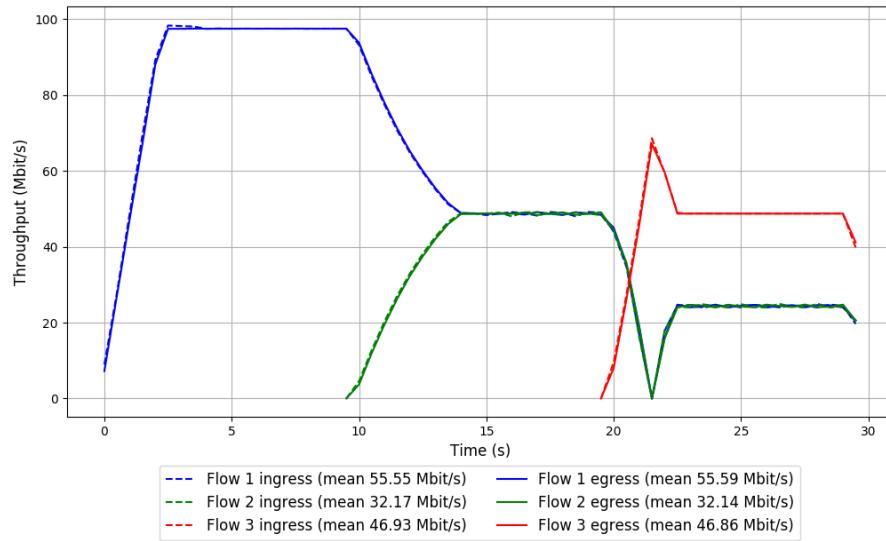


Run 7: Statistics of LEDBAT

```
Start at: 2017-11-30 19:36:48
End at: 2017-11-30 19:37:18
Local clock offset: 8.502 ms
Remote clock offset: -21.824 ms

# Below is generated by plot.py at 2017-11-30 23:40:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.57 Mbit/s
95th percentile per-packet one-way delay: 83.479 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 55.59 Mbit/s
95th percentile per-packet one-way delay: 83.447 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 32.14 Mbit/s
95th percentile per-packet one-way delay: 83.565 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 46.86 Mbit/s
95th percentile per-packet one-way delay: 61.391 ms
Loss rate: 0.50%
```

Run 7: Report of LEDBAT — Data Link

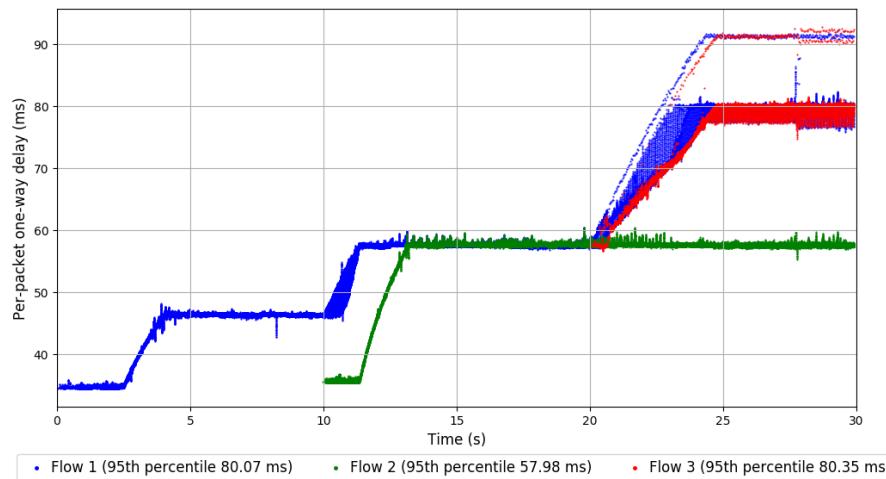
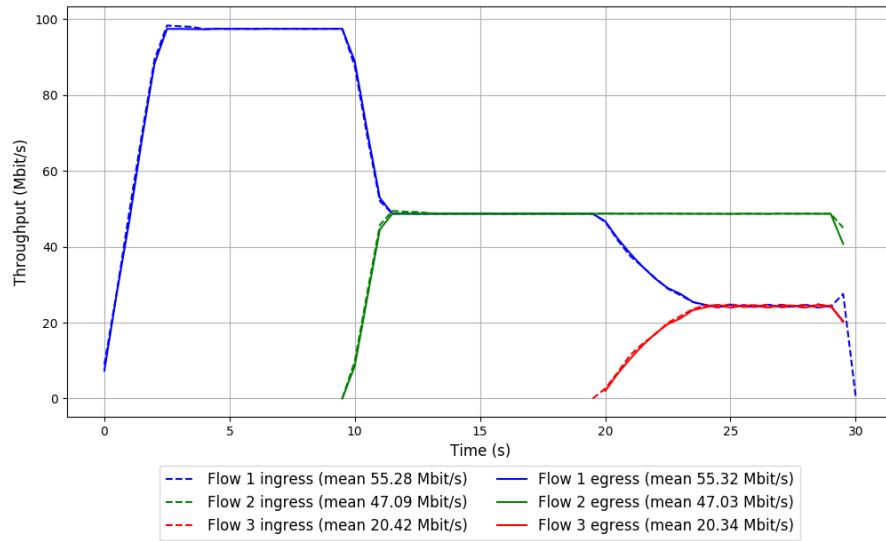


Run 8: Statistics of LEDBAT

```
Start at: 2017-11-30 19:54:14
End at: 2017-11-30 19:54:44
Local clock offset: 4.223 ms
Remote clock offset: -21.138 ms

# Below is generated by plot.py at 2017-11-30 23:40:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.42 Mbit/s
95th percentile per-packet one-way delay: 80.090 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 55.32 Mbit/s
95th percentile per-packet one-way delay: 80.072 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 47.03 Mbit/s
95th percentile per-packet one-way delay: 57.978 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 20.34 Mbit/s
95th percentile per-packet one-way delay: 80.346 ms
Loss rate: 0.88%
```

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: 2017-11-30 20:11:40
End at: 2017-11-30 20:12:10
Local clock offset: 6.179 ms
Remote clock offset: -23.323 ms

Run 9: Report of LEDBAT — Data Link

Figure is missing

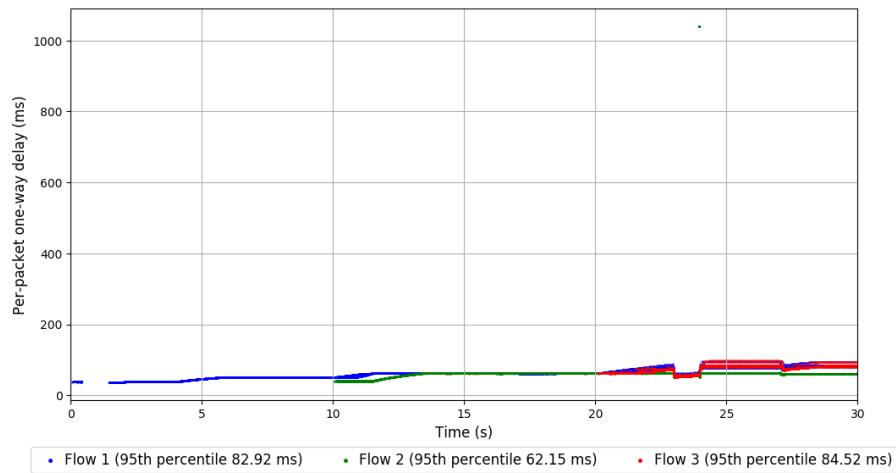
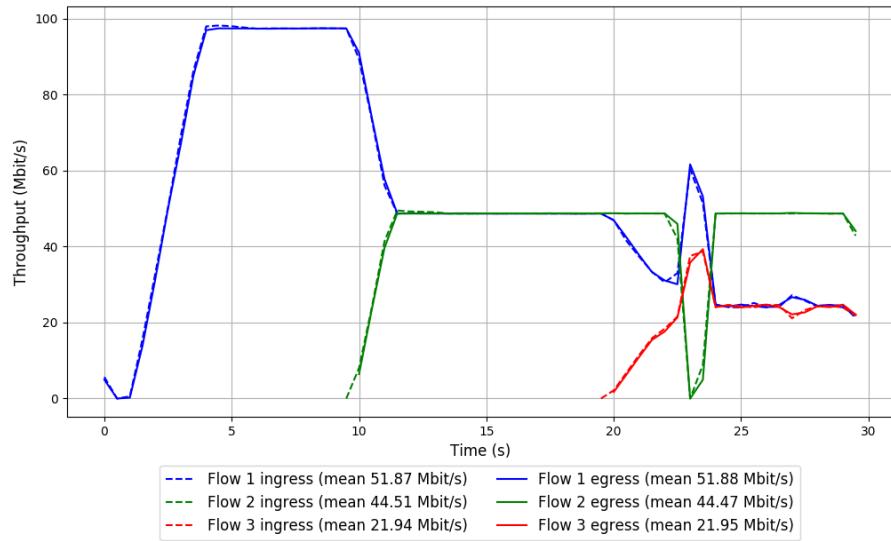
Figure is missing

Run 10: Statistics of LEDBAT

```
Start at: 2017-11-30 20:29:00
End at: 2017-11-30 20:29:30
Local clock offset: 4.771 ms
Remote clock offset: -21.036 ms

# Below is generated by plot.py at 2017-11-30 23:40:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.78 Mbit/s
95th percentile per-packet one-way delay: 83.042 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 51.88 Mbit/s
95th percentile per-packet one-way delay: 82.916 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 44.47 Mbit/s
95th percentile per-packet one-way delay: 62.145 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 21.95 Mbit/s
95th percentile per-packet one-way delay: 84.522 ms
Loss rate: 0.76%
```

Run 10: Report of LEDBAT — Data Link

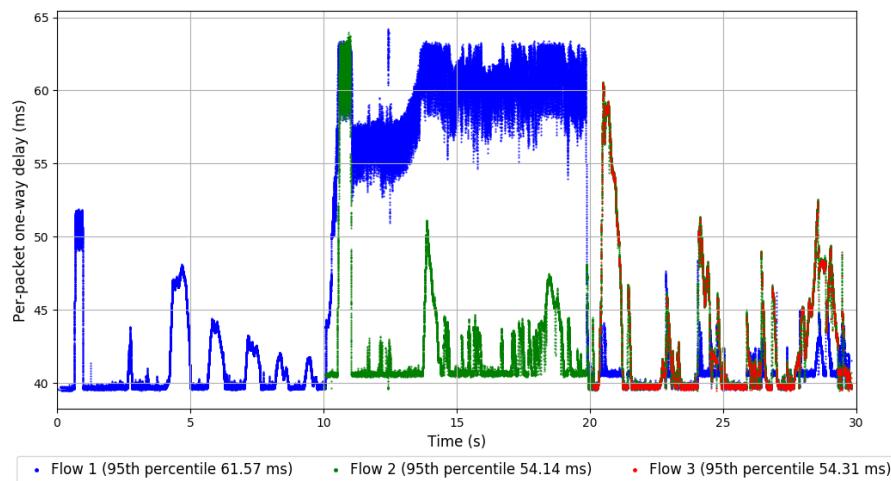
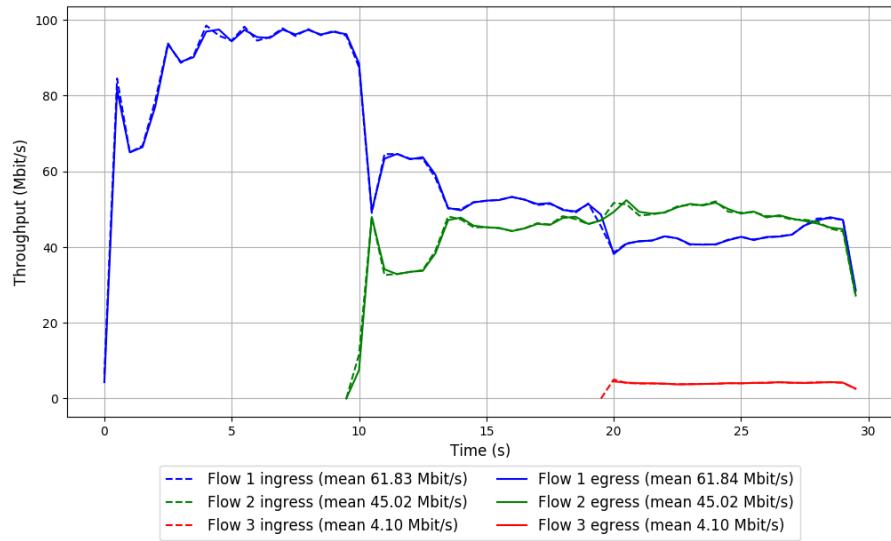


Run 1: Statistics of PCC

```
Start at: 2017-11-30 17:54:25
End at: 2017-11-30 17:54:55
Local clock offset: 8.129 ms
Remote clock offset: -21.801 ms

# Below is generated by plot.py at 2017-11-30 23:40:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.17 Mbit/s
95th percentile per-packet one-way delay: 61.147 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 61.84 Mbit/s
95th percentile per-packet one-way delay: 61.569 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 45.02 Mbit/s
95th percentile per-packet one-way delay: 54.137 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 4.10 Mbit/s
95th percentile per-packet one-way delay: 54.306 ms
Loss rate: 0.38%
```

Run 1: Report of PCC — Data Link

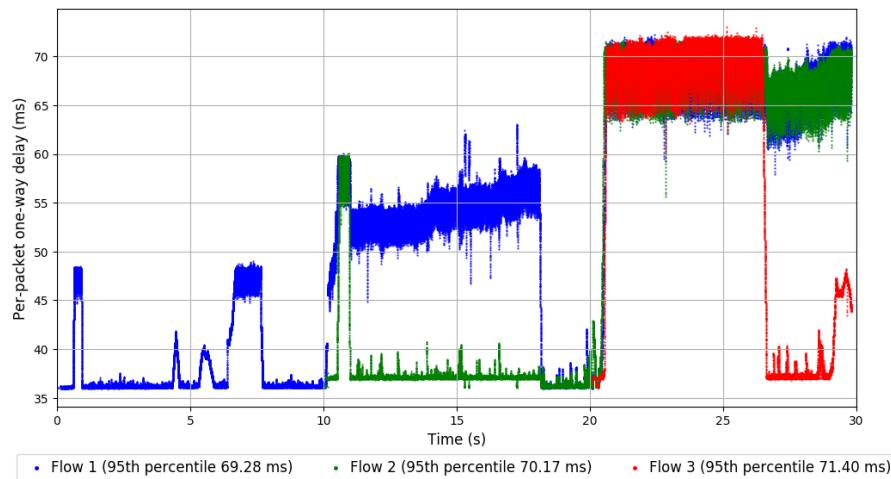
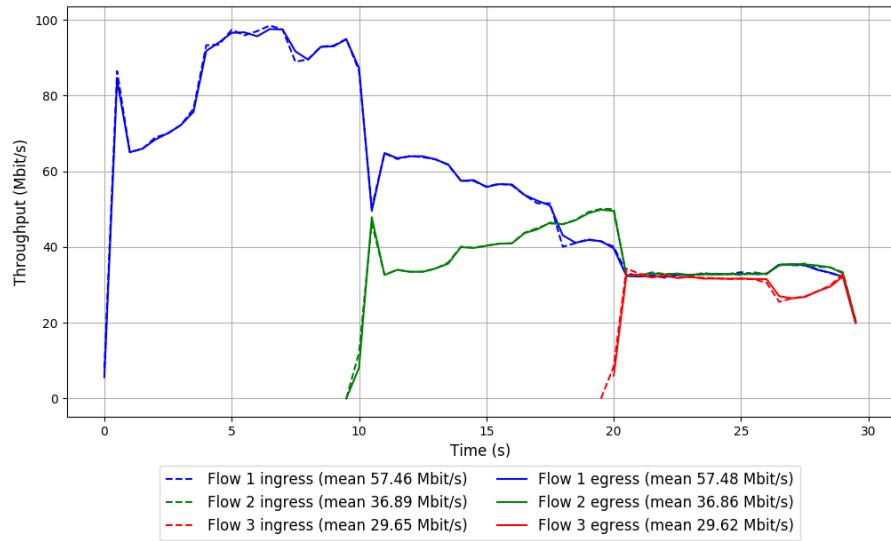


Run 2: Statistics of PCC

```
Start at: 2017-11-30 18:11:50
End at: 2017-11-30 18:12:20
Local clock offset: 4.959 ms
Remote clock offset: -21.547 ms

# Below is generated by plot.py at 2017-11-30 23:40:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.76 Mbit/s
95th percentile per-packet one-way delay: 70.213 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 57.48 Mbit/s
95th percentile per-packet one-way delay: 69.281 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 36.86 Mbit/s
95th percentile per-packet one-way delay: 70.173 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 29.62 Mbit/s
95th percentile per-packet one-way delay: 71.400 ms
Loss rate: 0.48%
```

Run 2: Report of PCC — Data Link

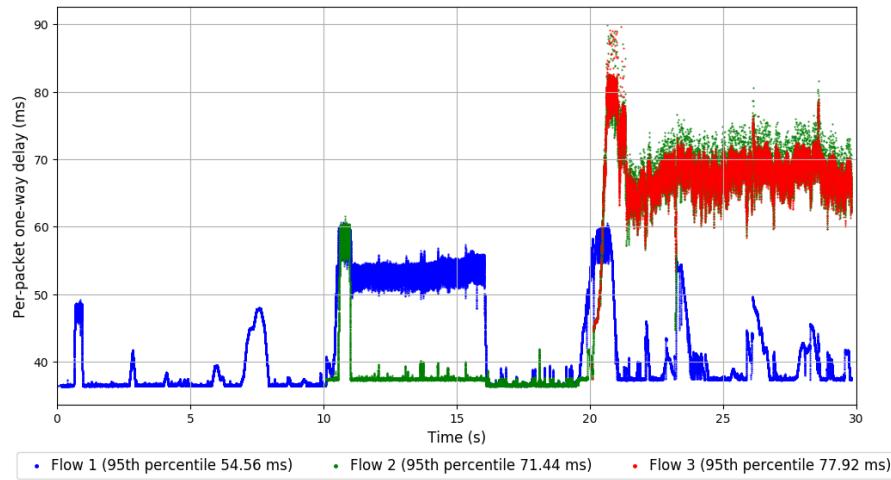
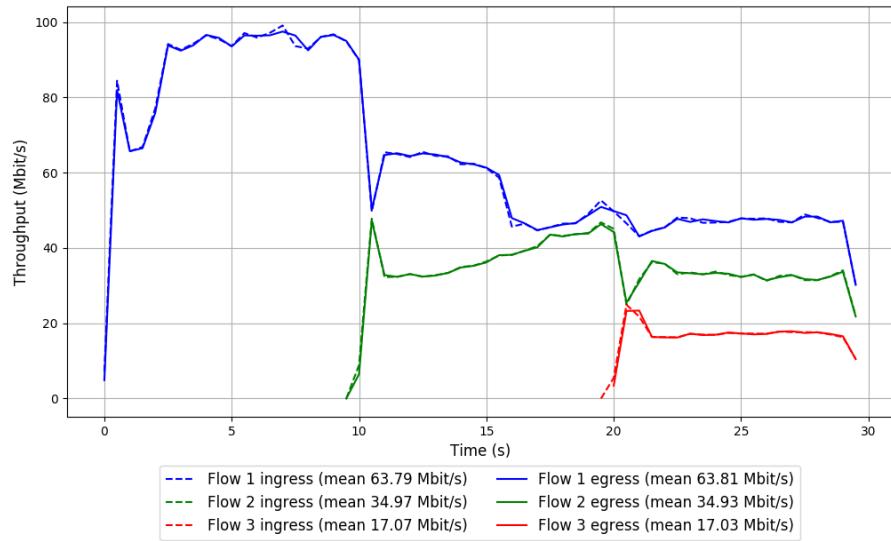


Run 3: Statistics of PCC

```
Start at: 2017-11-30 18:29:27
End at: 2017-11-30 18:29:57
Local clock offset: 5.599 ms
Remote clock offset: -21.354 ms

# Below is generated by plot.py at 2017-11-30 23:40:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.66 Mbit/s
95th percentile per-packet one-way delay: 69.576 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 63.81 Mbit/s
95th percentile per-packet one-way delay: 54.557 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 34.93 Mbit/s
95th percentile per-packet one-way delay: 71.440 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 17.03 Mbit/s
95th percentile per-packet one-way delay: 77.922 ms
Loss rate: 0.63%
```

Run 3: Report of PCC — Data Link

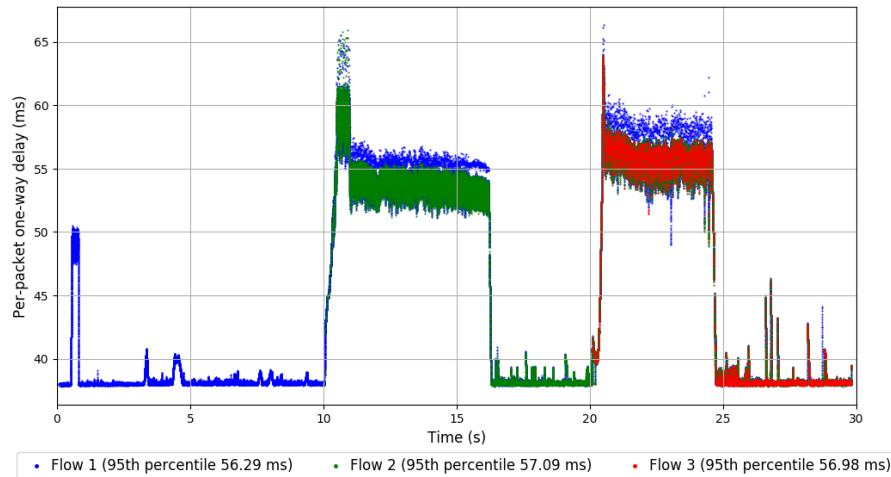
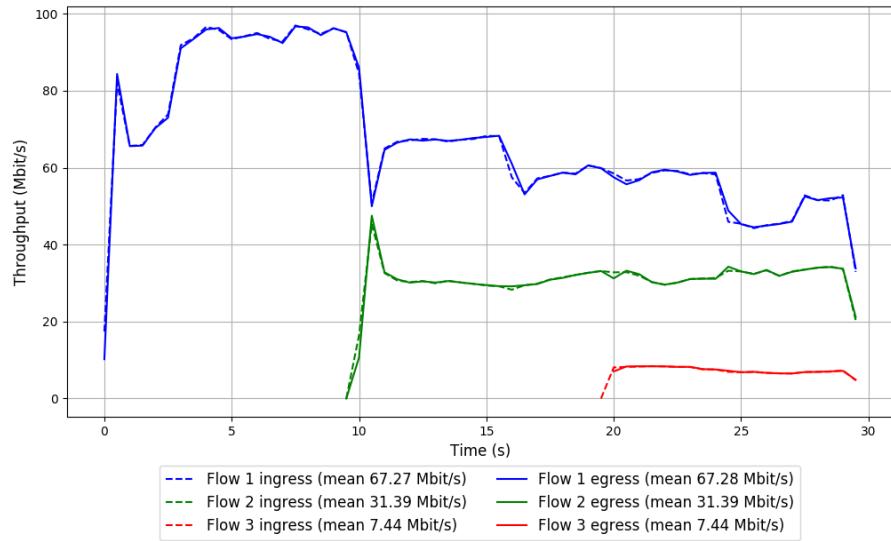


Run 4: Statistics of PCC

```
Start at: 2017-11-30 18:46:32
End at: 2017-11-30 18:47:02
Local clock offset: 6.334 ms
Remote clock offset: -22.278 ms

# Below is generated by plot.py at 2017-11-30 23:40:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.63 Mbit/s
95th percentile per-packet one-way delay: 56.547 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 67.28 Mbit/s
95th percentile per-packet one-way delay: 56.290 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 31.39 Mbit/s
95th percentile per-packet one-way delay: 57.091 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 7.44 Mbit/s
95th percentile per-packet one-way delay: 56.982 ms
Loss rate: 0.28%
```

Run 4: Report of PCC — Data Link

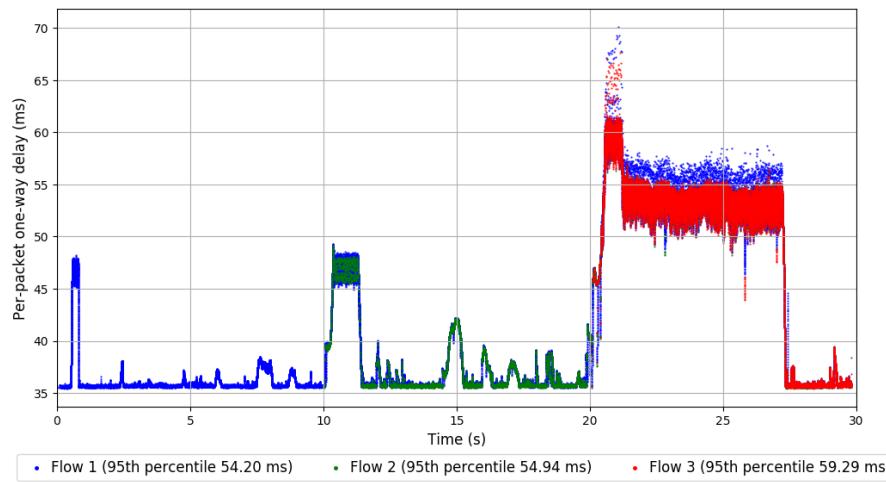
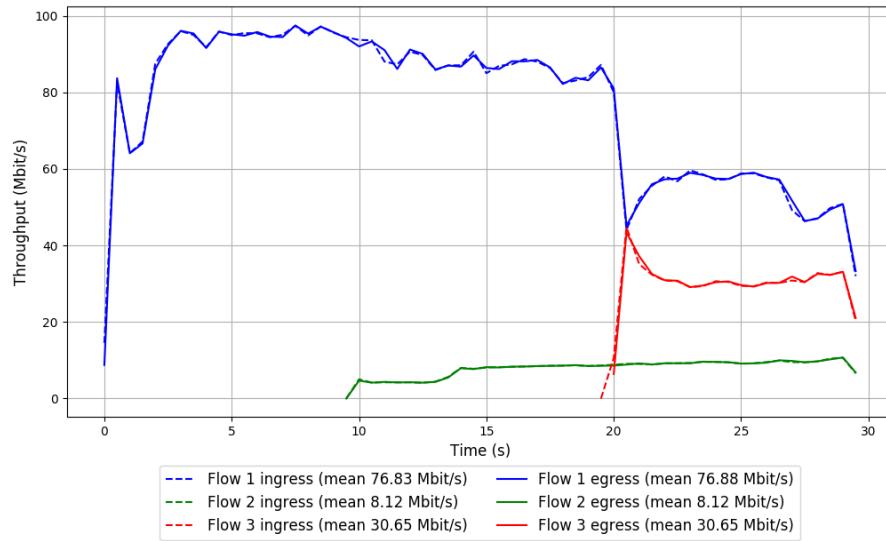


Run 5: Statistics of PCC

```
Start at: 2017-11-30 19:03:53
End at: 2017-11-30 19:04:23
Local clock offset: 5.448 ms
Remote clock offset: -21.248 ms

# Below is generated by plot.py at 2017-11-30 23:41:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.38 Mbit/s
95th percentile per-packet one-way delay: 54.586 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 76.88 Mbit/s
95th percentile per-packet one-way delay: 54.198 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 8.12 Mbit/s
95th percentile per-packet one-way delay: 54.943 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 30.65 Mbit/s
95th percentile per-packet one-way delay: 59.287 ms
Loss rate: 0.27%
```

Run 5: Report of PCC — Data Link

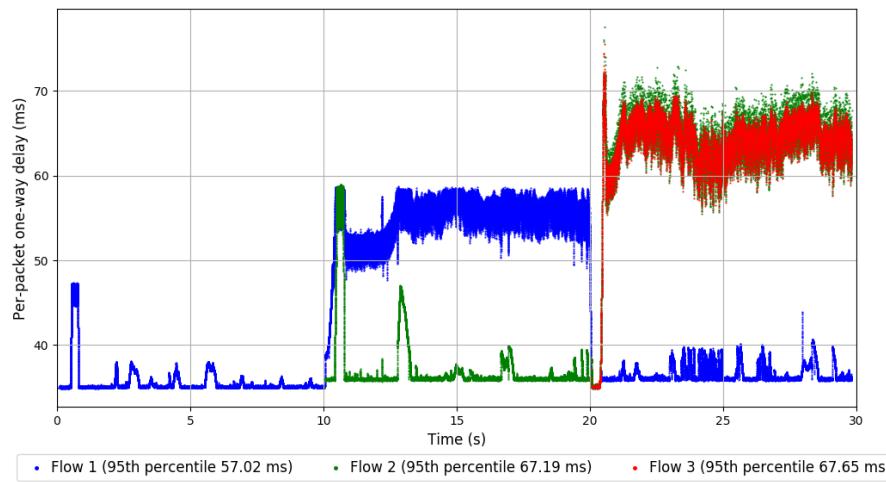
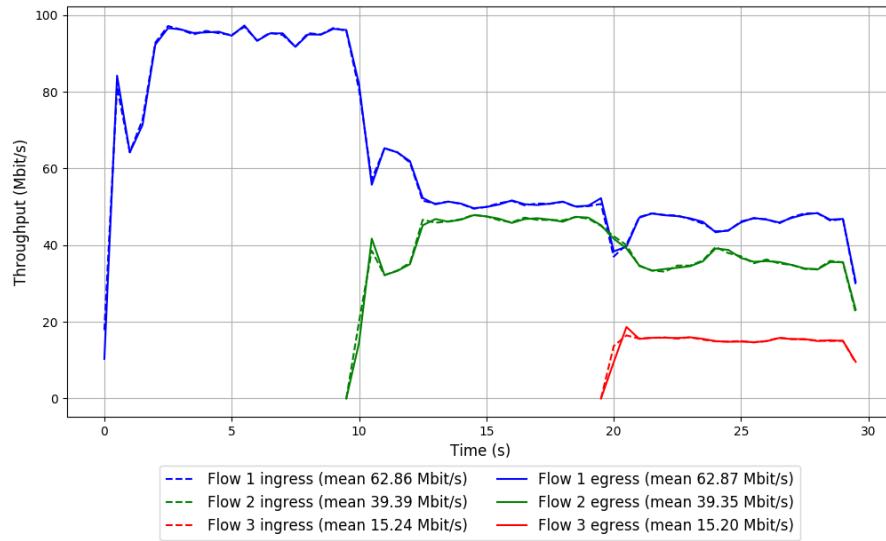


Run 6: Statistics of PCC

```
Start at: 2017-11-30 19:20:56
End at: 2017-11-30 19:21:26
Local clock offset: 5.967 ms
Remote clock offset: -20.447 ms

# Below is generated by plot.py at 2017-11-30 23:41:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.08 Mbit/s
95th percentile per-packet one-way delay: 65.764 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 62.87 Mbit/s
95th percentile per-packet one-way delay: 57.021 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 39.35 Mbit/s
95th percentile per-packet one-way delay: 67.185 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 15.20 Mbit/s
95th percentile per-packet one-way delay: 67.646 ms
Loss rate: 0.55%
```

Run 6: Report of PCC — Data Link

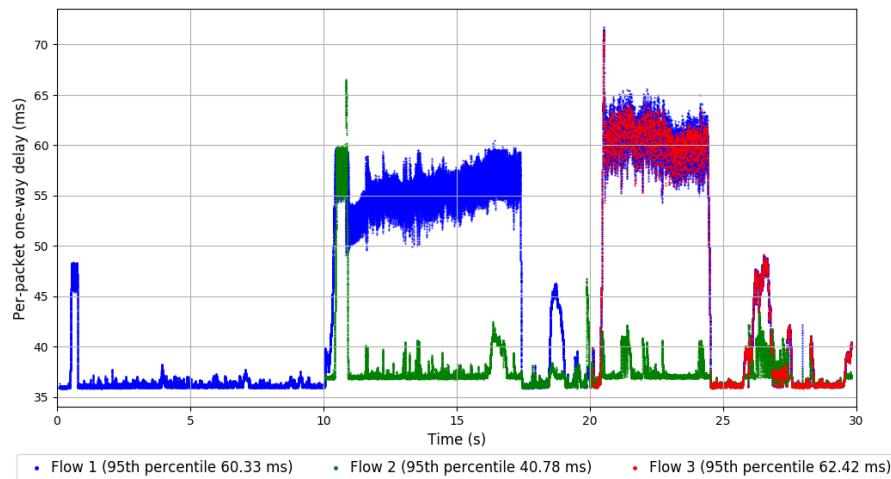
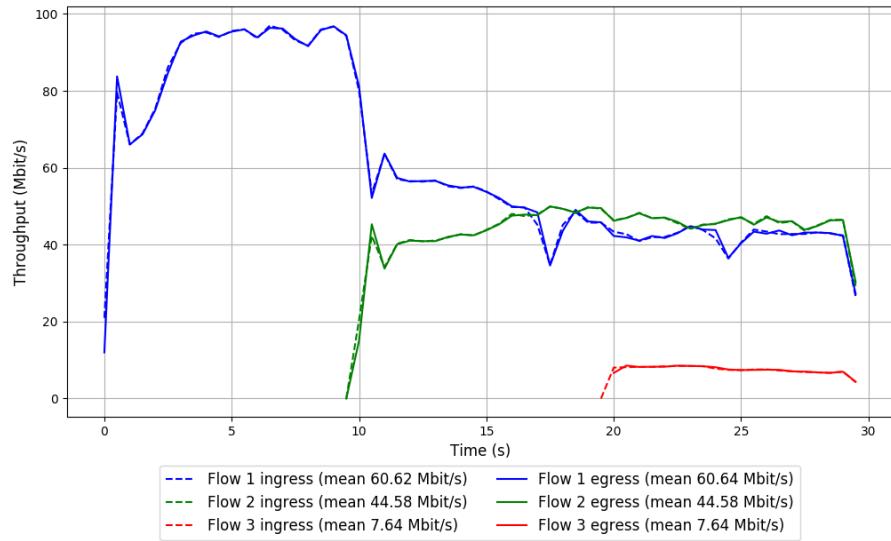


Run 7: Statistics of PCC

```
Start at: 2017-11-30 19:38:06
End at: 2017-11-30 19:38:36
Local clock offset: 6.902 ms
Remote clock offset: -21.378 ms

# Below is generated by plot.py at 2017-11-30 23:41:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.85 Mbit/s
95th percentile per-packet one-way delay: 59.679 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 60.64 Mbit/s
95th percentile per-packet one-way delay: 60.330 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 44.58 Mbit/s
95th percentile per-packet one-way delay: 40.779 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 7.64 Mbit/s
95th percentile per-packet one-way delay: 62.423 ms
Loss rate: 0.25%
```

Run 7: Report of PCC — Data Link

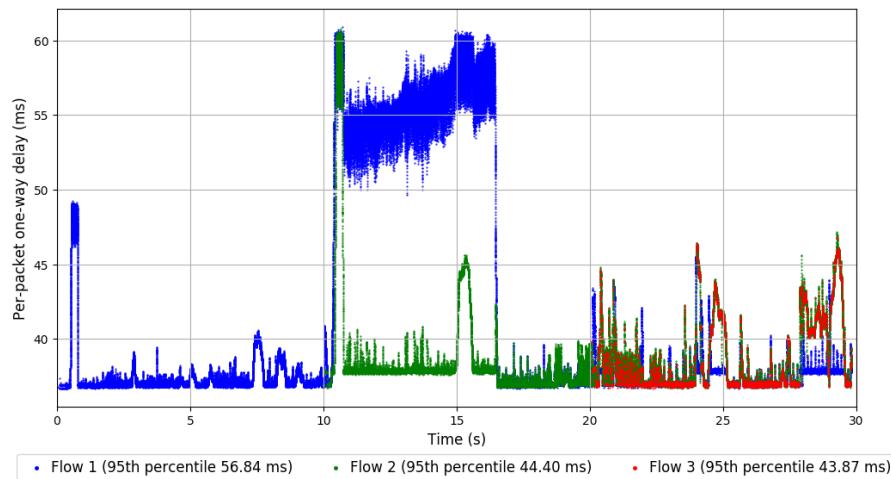
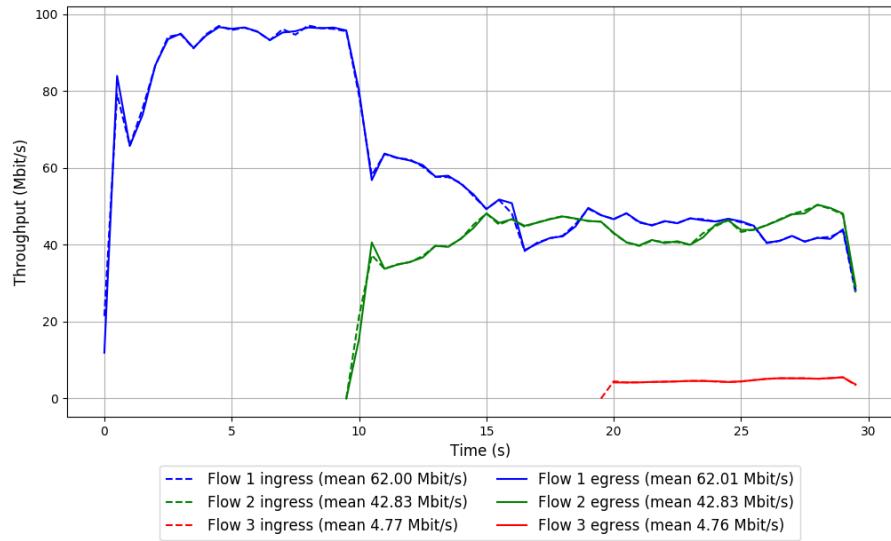


Run 8: Statistics of PCC

```
Start at: 2017-11-30 19:55:36
End at: 2017-11-30 19:56:06
Local clock offset: 3.98 ms
Remote clock offset: -23.607 ms

# Below is generated by plot.py at 2017-11-30 23:41:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.10 Mbit/s
95th percentile per-packet one-way delay: 56.148 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 62.01 Mbit/s
95th percentile per-packet one-way delay: 56.836 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 42.83 Mbit/s
95th percentile per-packet one-way delay: 44.400 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 4.76 Mbit/s
95th percentile per-packet one-way delay: 43.873 ms
Loss rate: 0.31%
```

Run 8: Report of PCC — Data Link

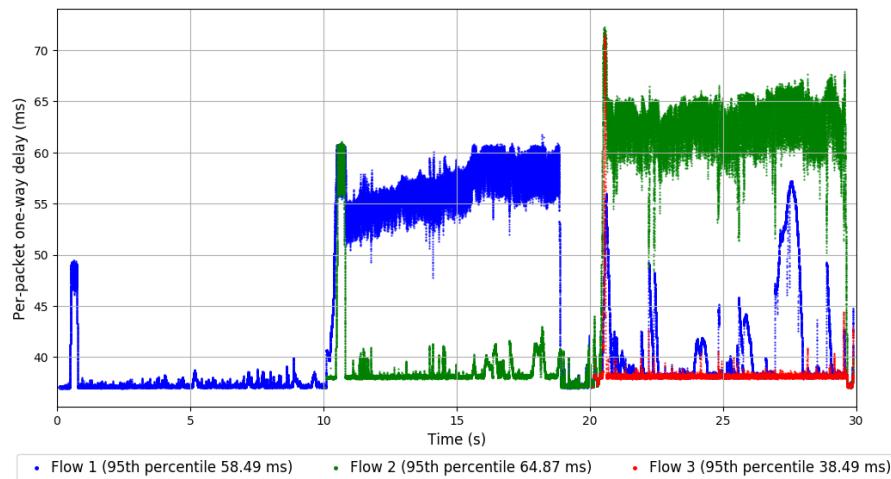
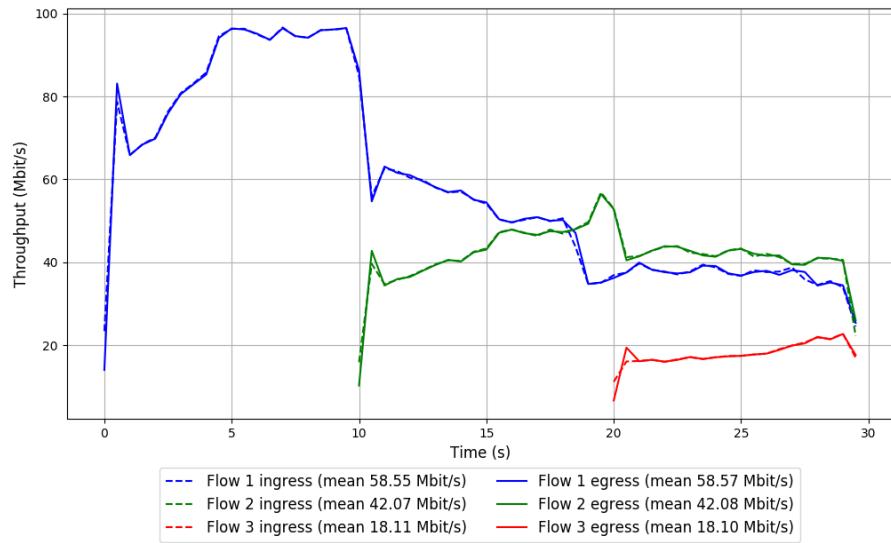


Run 9: Statistics of PCC

```
Start at: 2017-11-30 20:12:56
End at: 2017-11-30 20:13:26
Local clock offset: 5.586 ms
Remote clock offset: -20.816 ms

# Below is generated by plot.py at 2017-11-30 23:42:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.48 Mbit/s
95th percentile per-packet one-way delay: 63.428 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 58.57 Mbit/s
95th percentile per-packet one-way delay: 58.488 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 42.08 Mbit/s
95th percentile per-packet one-way delay: 64.869 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 18.10 Mbit/s
95th percentile per-packet one-way delay: 38.490 ms
Loss rate: 0.32%
```

Run 9: Report of PCC — Data Link

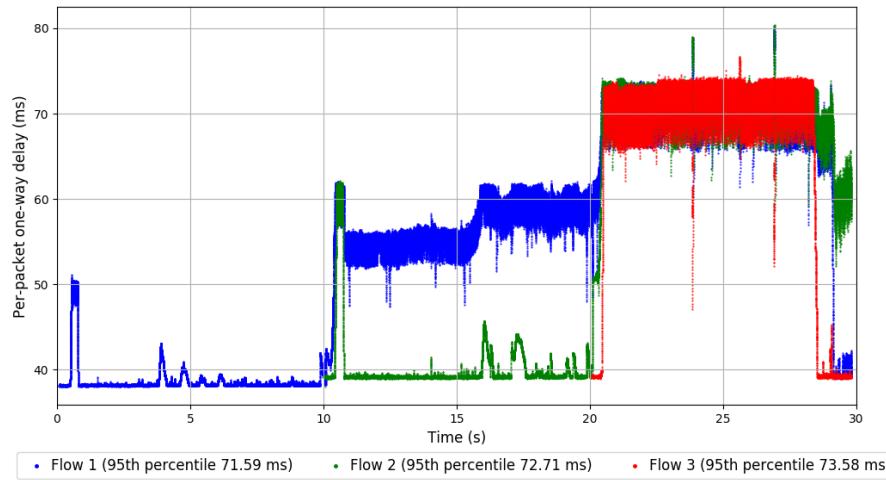
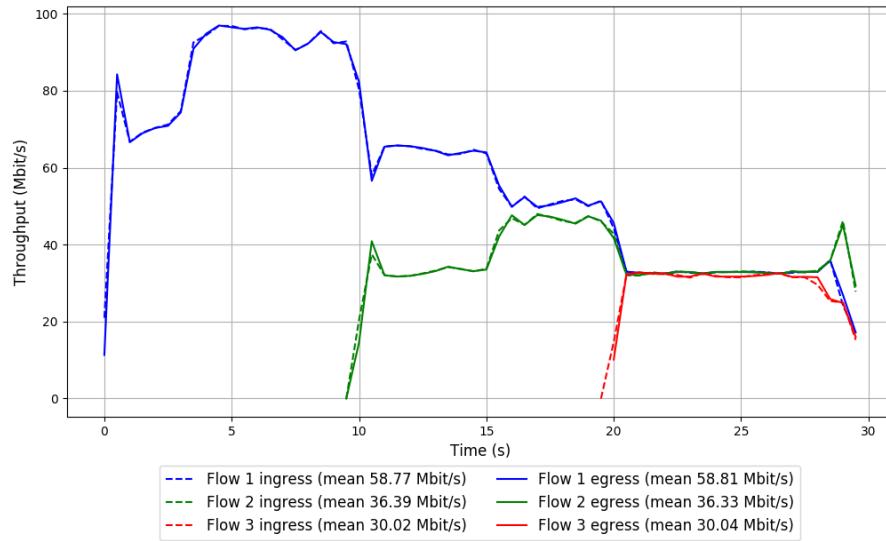


Run 10: Statistics of PCC

```
Start at: 2017-11-30 20:30:23
End at: 2017-11-30 20:30:53
Local clock offset: 4.792 ms
Remote clock offset: -21.718 ms

# Below is generated by plot.py at 2017-11-30 23:42:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.89 Mbit/s
95th percentile per-packet one-way delay: 72.562 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 58.81 Mbit/s
95th percentile per-packet one-way delay: 71.591 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 36.33 Mbit/s
95th percentile per-packet one-way delay: 72.711 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 30.04 Mbit/s
95th percentile per-packet one-way delay: 73.582 ms
Loss rate: 0.21%
```

Run 10: Report of PCC — Data Link

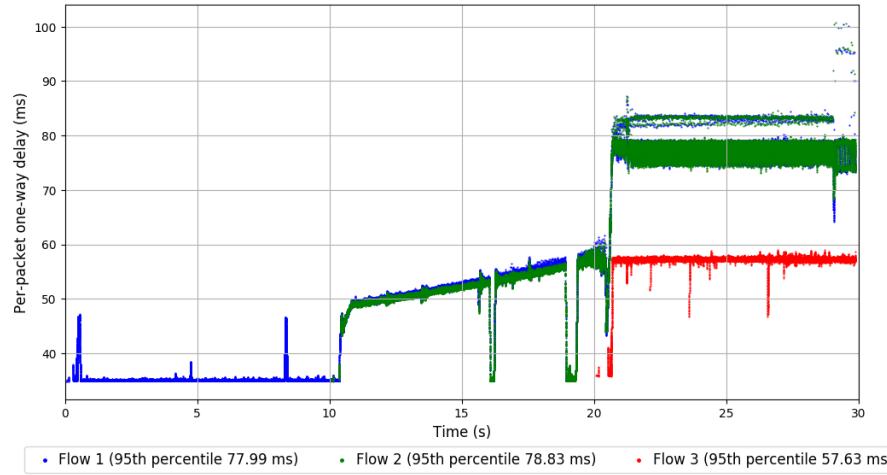
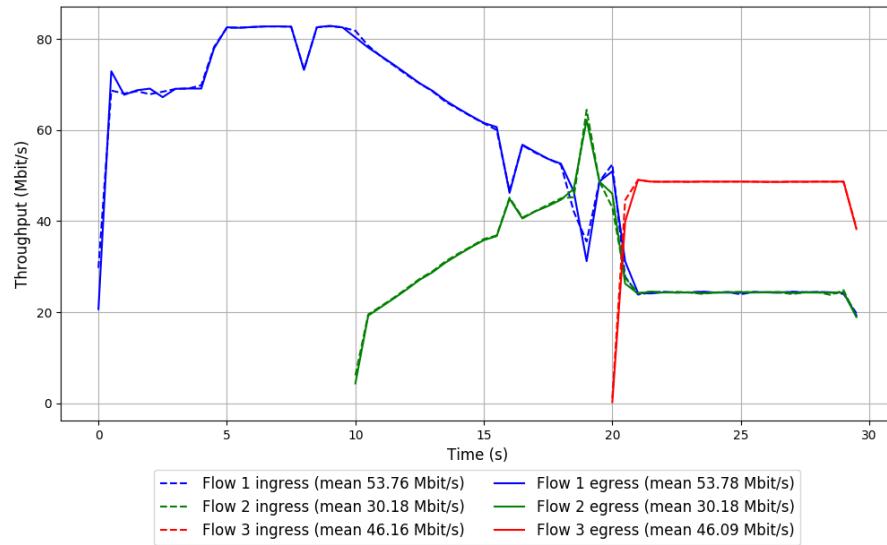


```
Run 1: Statistics of QUIC Cubic
```

```
Start at: 2017-11-30 18:02:59
End at: 2017-11-30 18:03:29
Local clock offset: 4.918 ms
Remote clock offset: -20.678 ms

# Below is generated by plot.py at 2017-11-30 23:42:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.01 Mbit/s
95th percentile per-packet one-way delay: 78.215 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 53.78 Mbit/s
95th percentile per-packet one-way delay: 77.991 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 30.18 Mbit/s
95th percentile per-packet one-way delay: 78.827 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 46.09 Mbit/s
95th percentile per-packet one-way delay: 57.630 ms
Loss rate: 0.64%
```

Run 1: Report of QUIC Cubic — Data Link

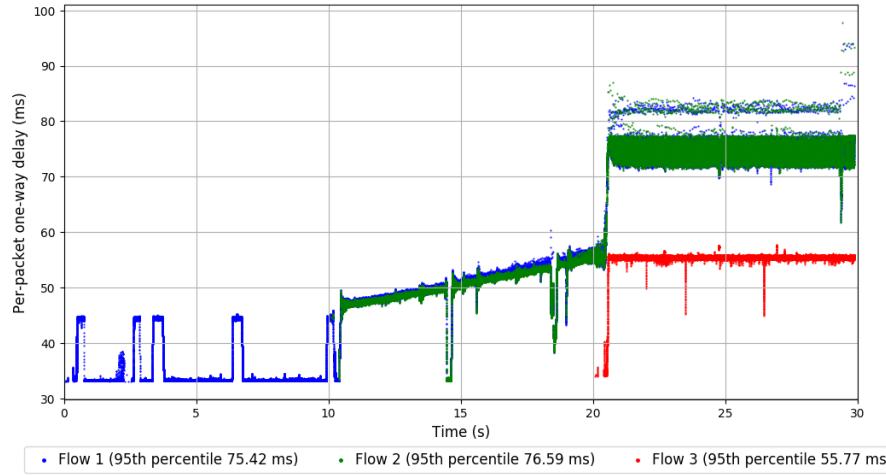
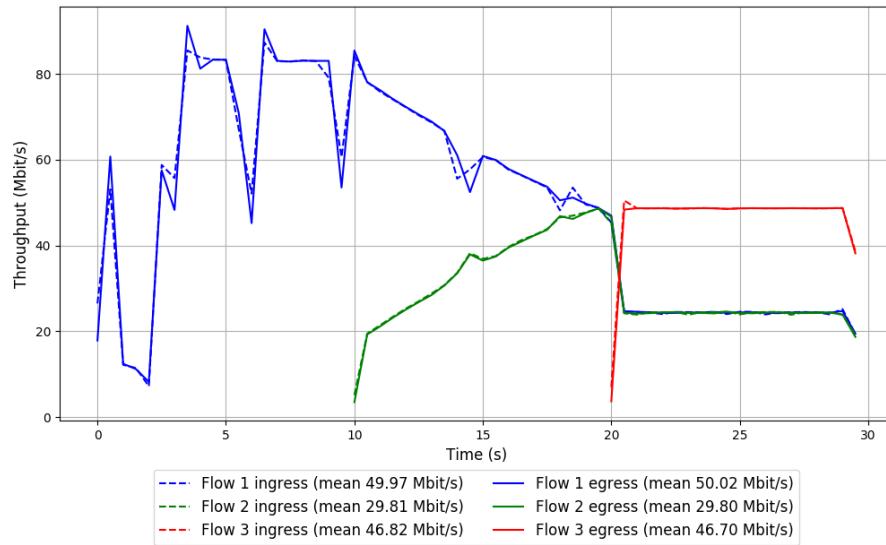


Run 2: Statistics of QUIC Cubic

```
Start at: 2017-11-30 18:20:34
End at: 2017-11-30 18:21:04
Local clock offset: 2.814 ms
Remote clock offset: -20.704 ms

# Below is generated by plot.py at 2017-11-30 23:42:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.18 Mbit/s
95th percentile per-packet one-way delay: 75.713 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 50.02 Mbit/s
95th percentile per-packet one-way delay: 75.417 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 29.80 Mbit/s
95th percentile per-packet one-way delay: 76.589 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 46.70 Mbit/s
95th percentile per-packet one-way delay: 55.768 ms
Loss rate: 0.63%
```

Run 2: Report of QUIC Cubic — Data Link

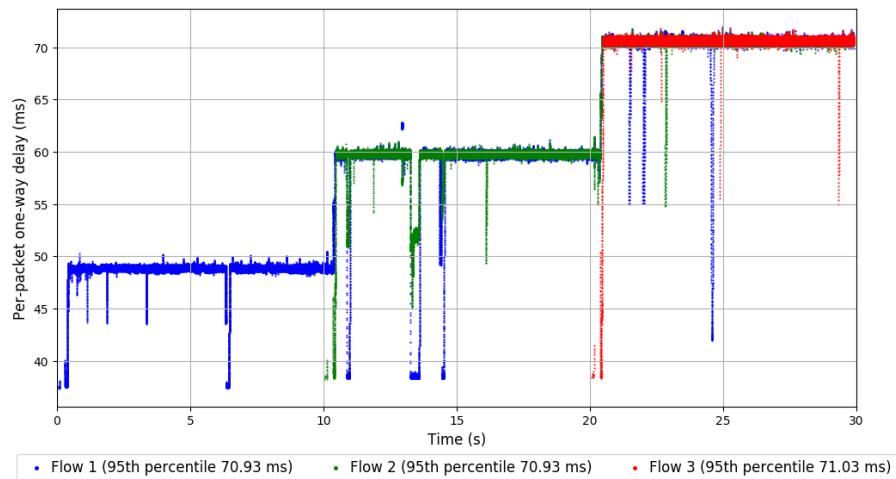
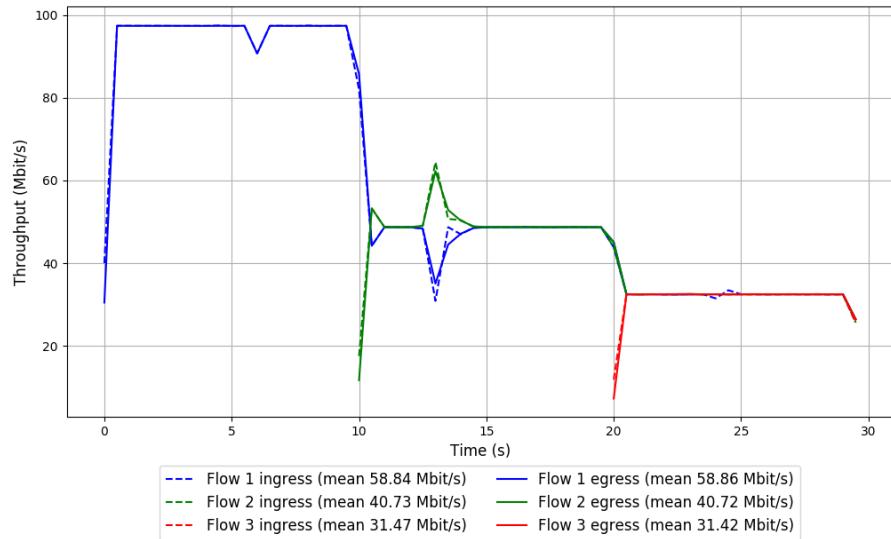


Run 3: Statistics of QUIC Cubic

```
Start at: 2017-11-30 18:38:08
End at: 2017-11-30 18:38:38
Local clock offset: 6.271 ms
Remote clock offset: -21.545 ms

# Below is generated by plot.py at 2017-11-30 23:42:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.27 Mbit/s
95th percentile per-packet one-way delay: 70.966 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 58.86 Mbit/s
95th percentile per-packet one-way delay: 70.930 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.72 Mbit/s
95th percentile per-packet one-way delay: 70.926 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 31.42 Mbit/s
95th percentile per-packet one-way delay: 71.035 ms
Loss rate: 0.61%
```

Run 3: Report of QUIC Cubic — Data Link

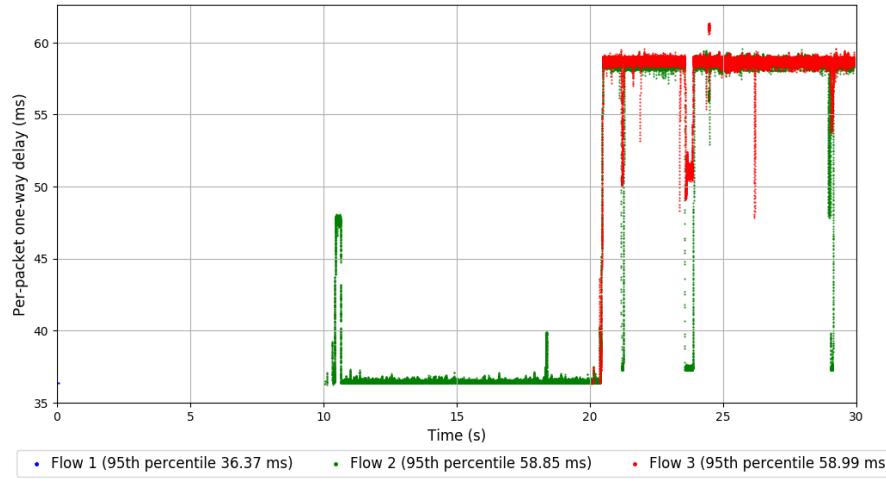
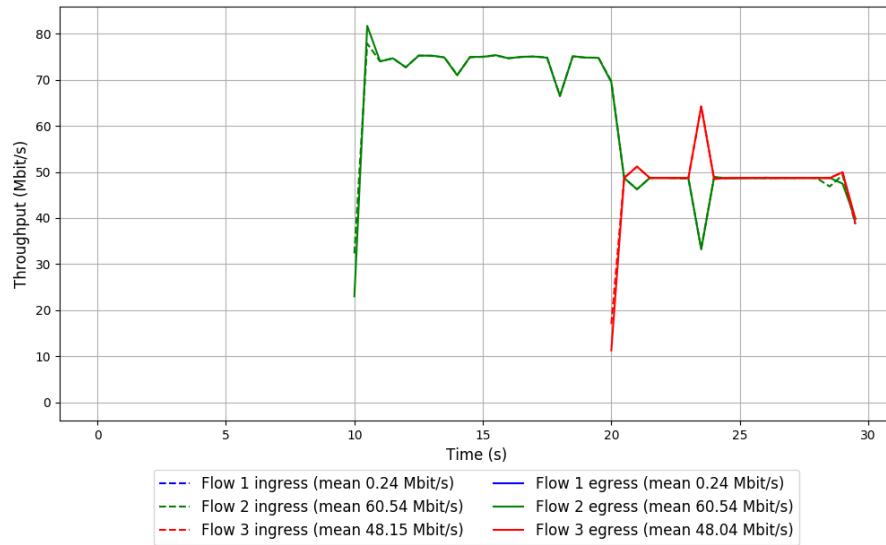


Run 4: Statistics of QUIC Cubic

```
Start at: 2017-11-30 18:55:23
End at: 2017-11-30 18:55:53
Local clock offset: 5.279 ms
Remote clock offset: -21.774 ms

# Below is generated by plot.py at 2017-11-30 23:42:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 56.10 Mbit/s
95th percentile per-packet one-way delay: 58.937 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 36.372 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 60.54 Mbit/s
95th percentile per-packet one-way delay: 58.847 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 48.04 Mbit/s
95th percentile per-packet one-way delay: 58.992 ms
Loss rate: 0.48%
```

Run 4: Report of QUIC Cubic — Data Link

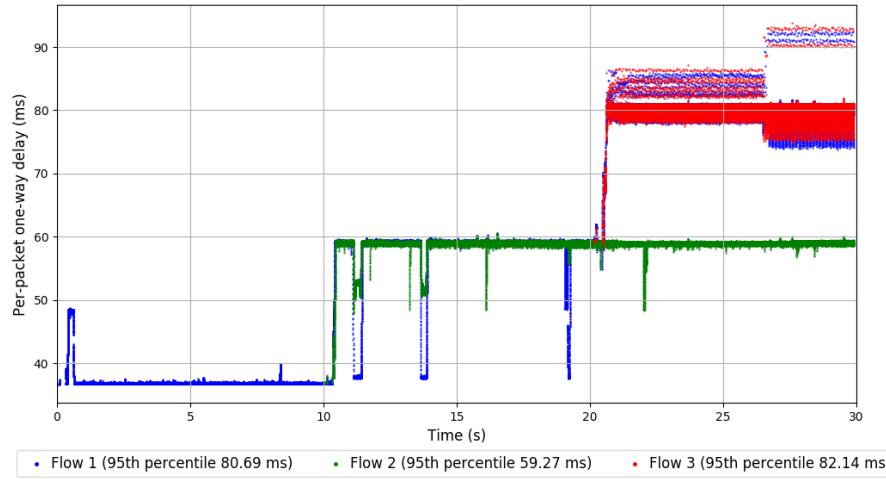
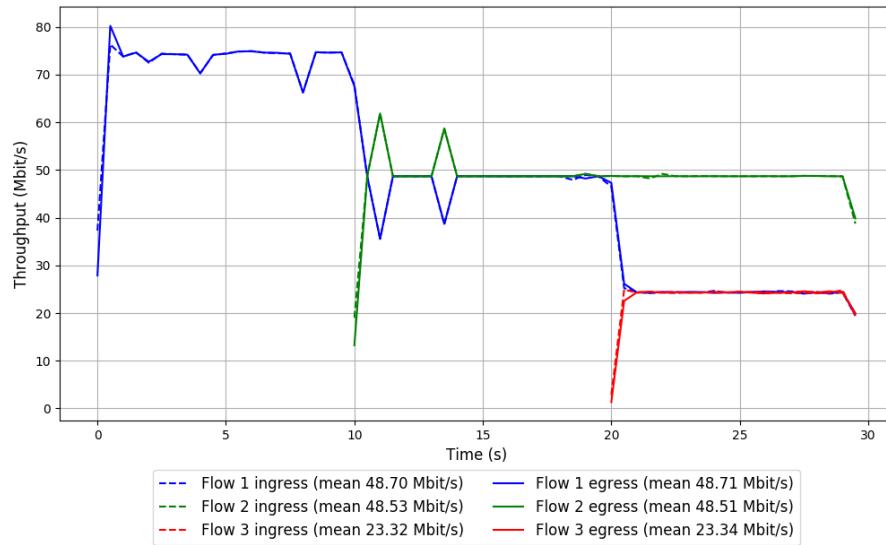


Run 5: Statistics of QUIC Cubic

```
Start at: 2017-11-30 19:12:32
End at: 2017-11-30 19:13:02
Local clock offset: 5.605 ms
Remote clock offset: -22.254 ms

# Below is generated by plot.py at 2017-11-30 23:43:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.63 Mbit/s
95th percentile per-packet one-way delay: 80.716 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 48.71 Mbit/s
95th percentile per-packet one-way delay: 80.692 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 48.51 Mbit/s
95th percentile per-packet one-way delay: 59.268 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 23.34 Mbit/s
95th percentile per-packet one-way delay: 82.145 ms
Loss rate: 0.71%
```

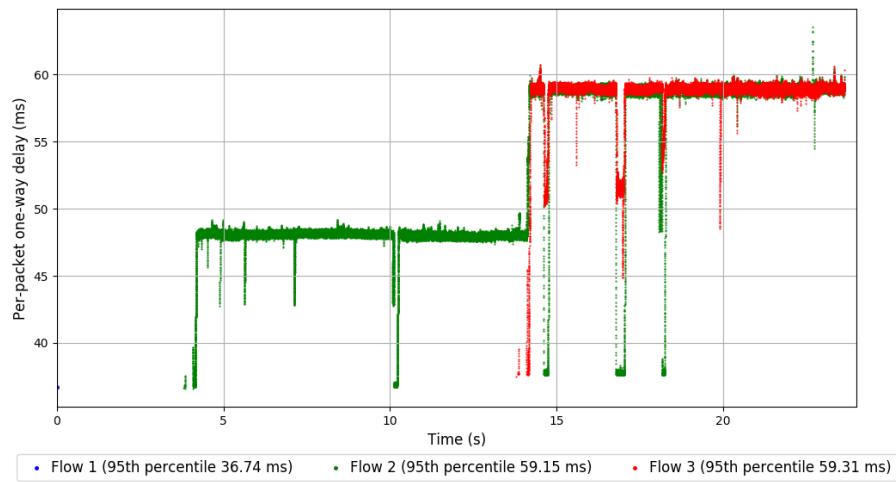
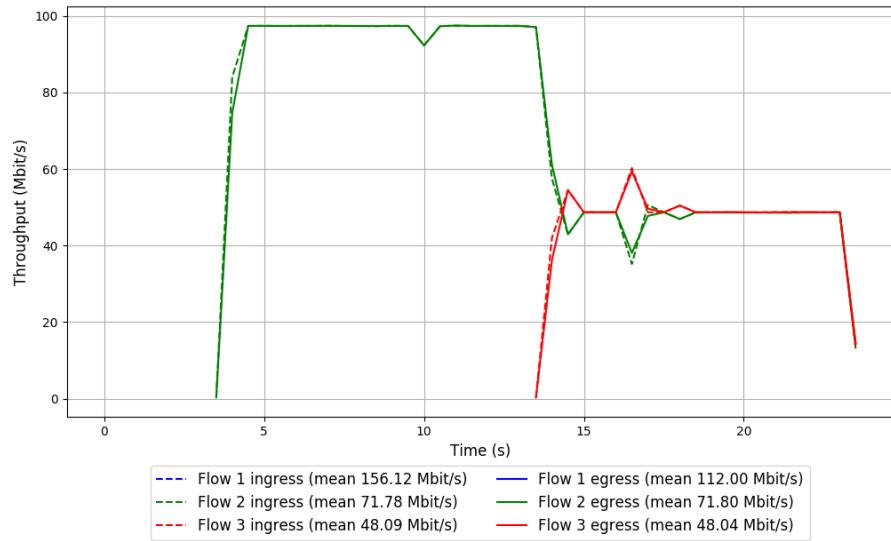
Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2017-11-30 19:29:23
End at: 2017-11-30 19:29:53
Local clock offset: 8.899 ms
Remote clock offset: -20.721 ms

Run 6: Report of QUIC Cubic — Data Link

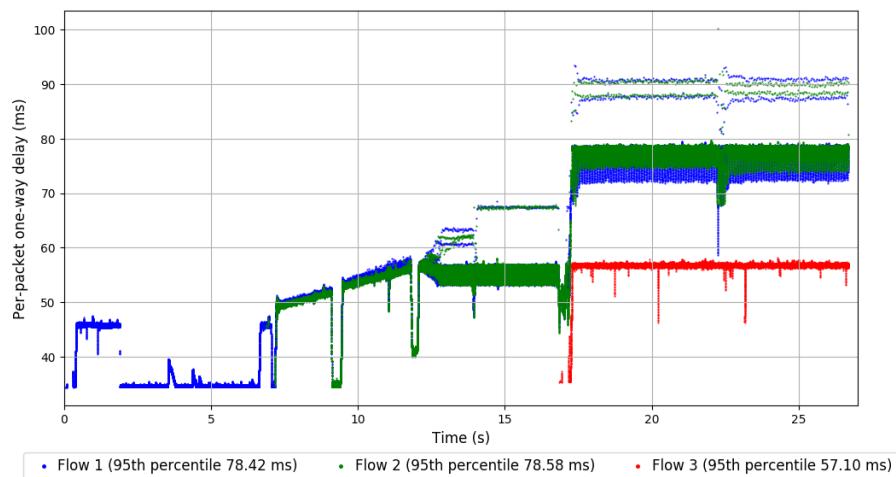
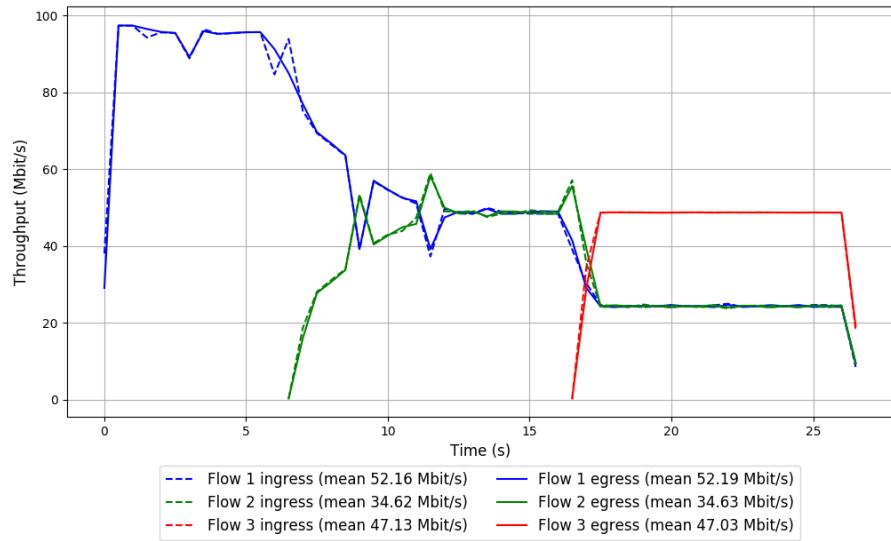


Run 7: Statistics of QUIC Cubic

```
Start at: 2017-11-30 19:46:55
End at: 2017-11-30 19:47:25
Local clock offset: 5.64 ms
Remote clock offset: -20.361 ms

# Below is generated by plot.py at 2017-11-30 23:43:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.28 Mbit/s
95th percentile per-packet one-way delay: 78.448 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 52.19 Mbit/s
95th percentile per-packet one-way delay: 78.417 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 34.63 Mbit/s
95th percentile per-packet one-way delay: 78.577 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 47.03 Mbit/s
95th percentile per-packet one-way delay: 57.098 ms
Loss rate: 0.49%
```

Run 7: Report of QUIC Cubic — Data Link

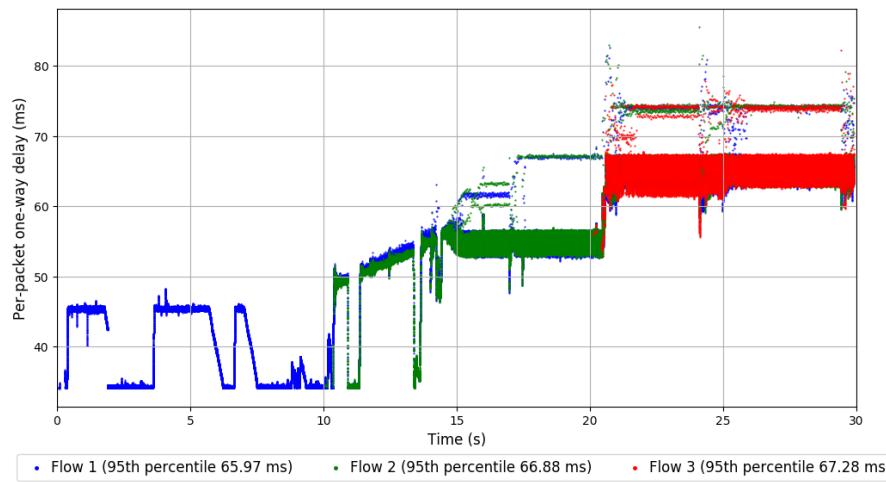
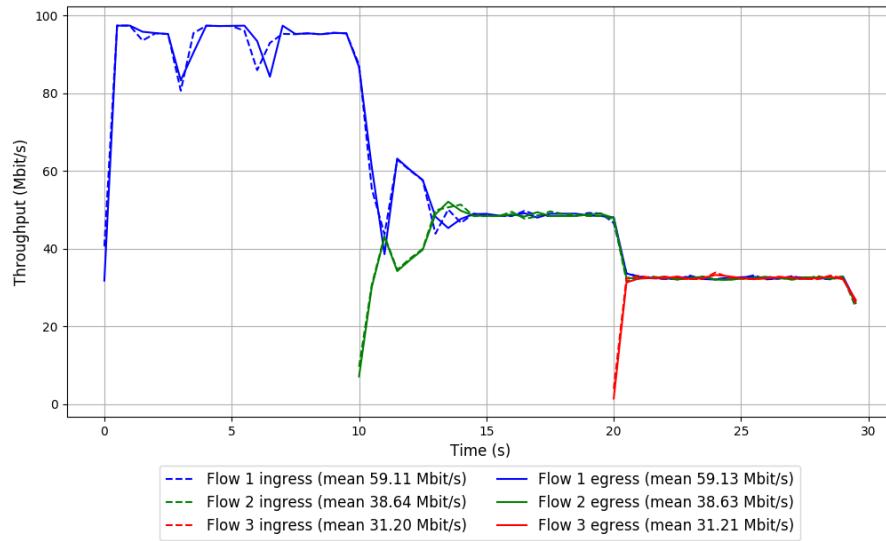


Run 8: Statistics of QUIC Cubic

```
Start at: 2017-11-30 20:04:15
End at: 2017-11-30 20:04:45
Local clock offset: 4.053 ms
Remote clock offset: -20.252 ms

# Below is generated by plot.py at 2017-11-30 23:43:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.04 Mbit/s
95th percentile per-packet one-way delay: 66.713 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 59.13 Mbit/s
95th percentile per-packet one-way delay: 65.974 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 38.63 Mbit/s
95th percentile per-packet one-way delay: 66.880 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 31.21 Mbit/s
95th percentile per-packet one-way delay: 67.279 ms
Loss rate: 0.59%
```

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

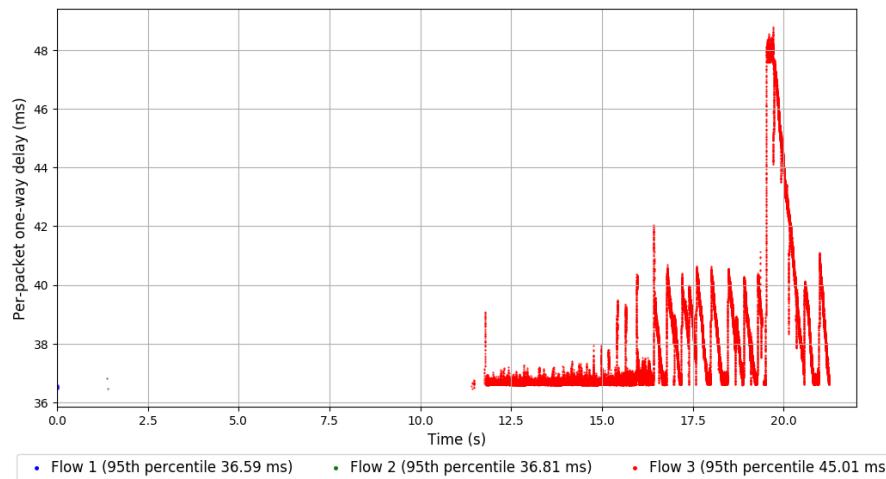
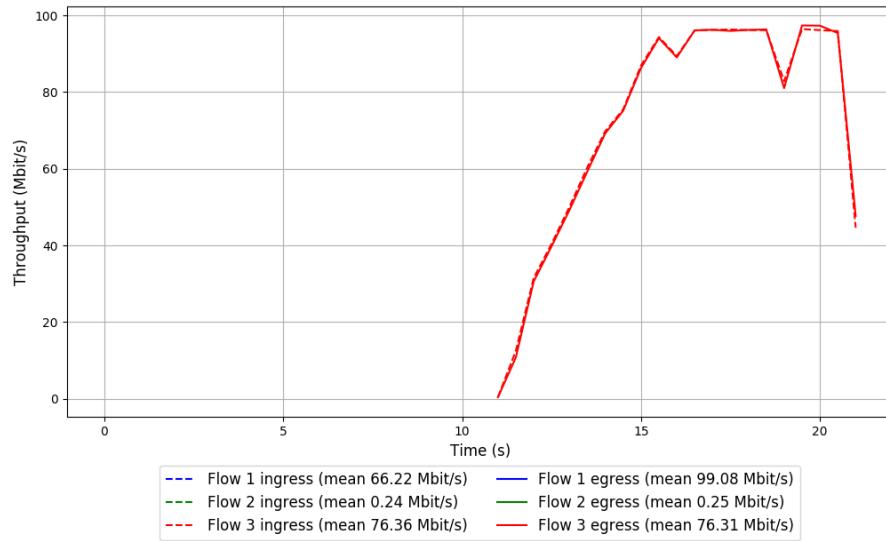
Start at: 2017-11-30 20:21:54

End at: 2017-11-30 20:22:24

Local clock offset: 3.948 ms

Remote clock offset: -21.396 ms

Run 9: Report of QUIC Cubic — Data Link

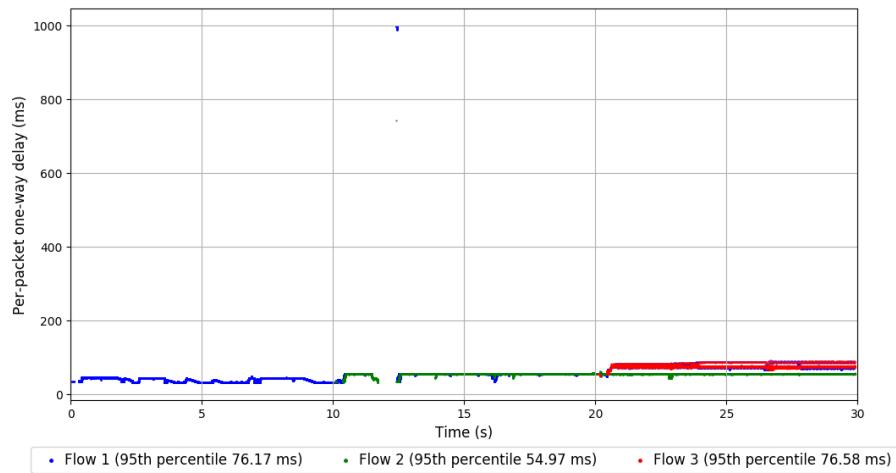
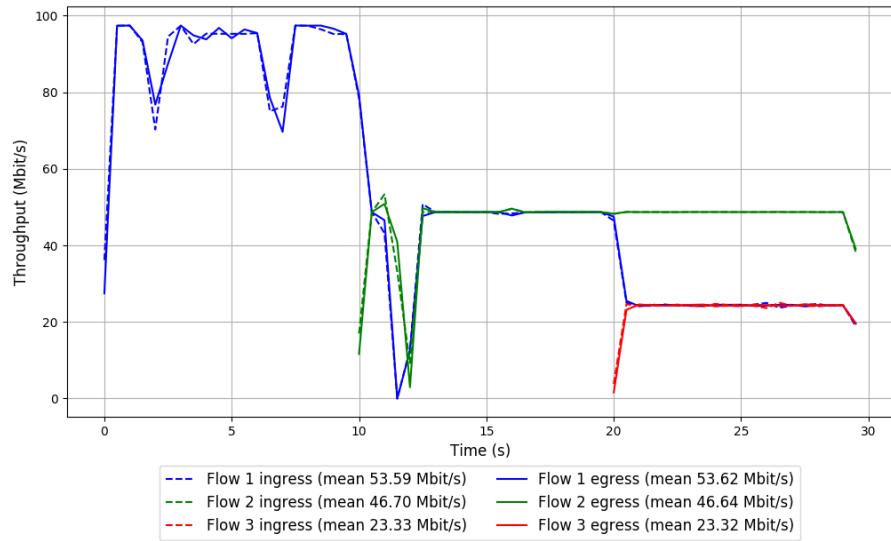


Run 10: Statistics of QUIC Cubic

```
Start at: 2017-11-30 20:38:43
End at: 2017-11-30 20:39:13
Local clock offset: 4.409 ms
Remote clock offset: -16.236 ms

# Below is generated by plot.py at 2017-11-30 23:43:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.26 Mbit/s
95th percentile per-packet one-way delay: 76.214 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 53.62 Mbit/s
95th percentile per-packet one-way delay: 76.167 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 46.64 Mbit/s
95th percentile per-packet one-way delay: 54.970 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 23.32 Mbit/s
95th percentile per-packet one-way delay: 76.575 ms
Loss rate: 0.72%
```

Run 10: Report of QUIC Cubic — Data Link

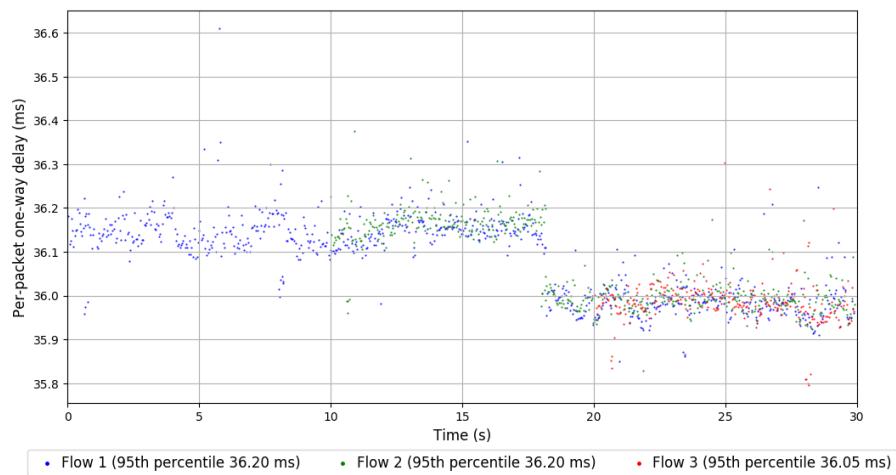
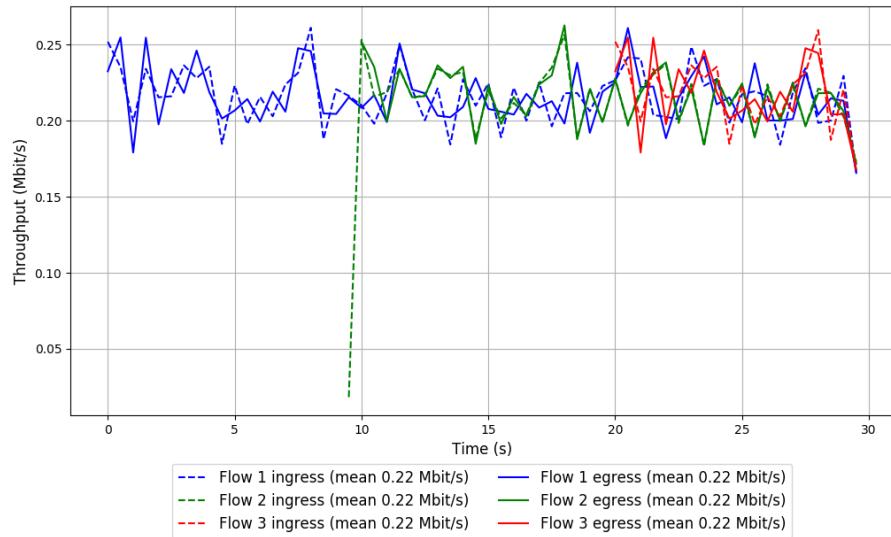


Run 1: Statistics of SCReAM

```
Start at: 2017-11-30 17:57:58
End at: 2017-11-30 17:58:28
Local clock offset: 5.891 ms
Remote clock offset: -20.584 ms

# Below is generated by plot.py at 2017-11-30 23:43:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 36.195 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 36.201 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 36.198 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 36.047 ms
Loss rate: 0.35%
```

Run 1: Report of SCReAM — Data Link

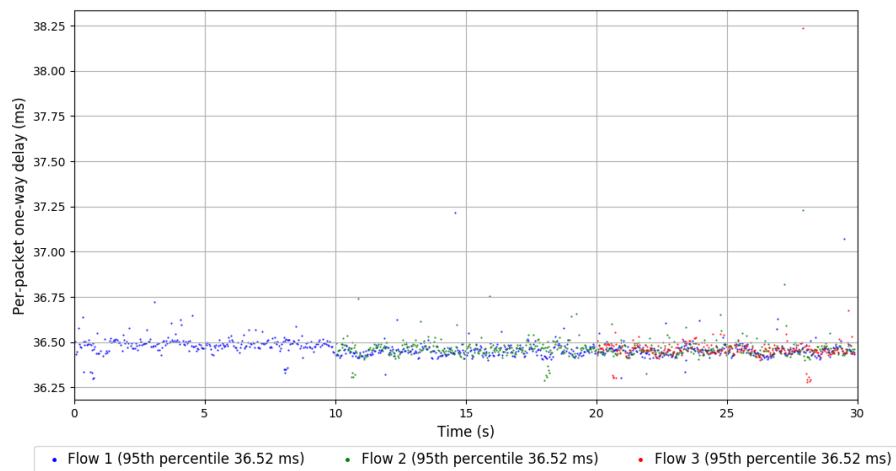
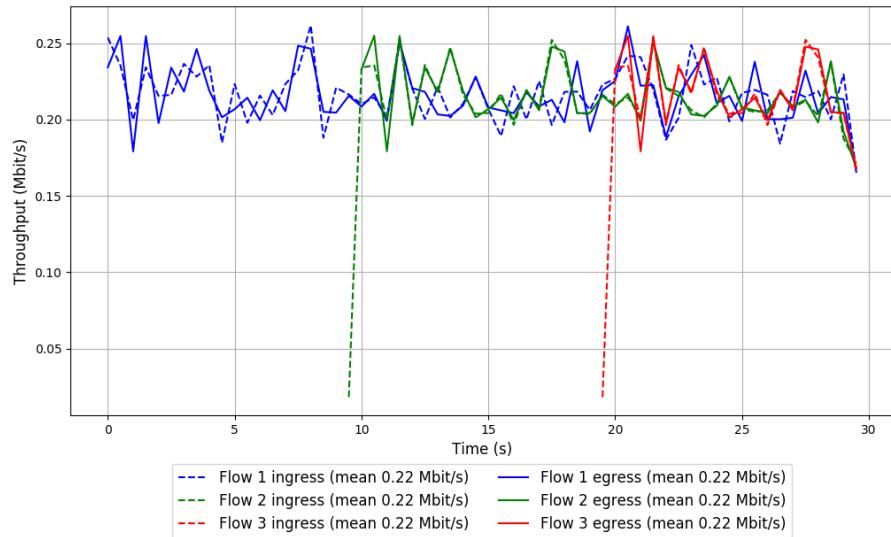


Run 2: Statistics of SCReAM

```
Start at: 2017-11-30 18:15:37
End at: 2017-11-30 18:16:07
Local clock offset: 5.708 ms
Remote clock offset: -21.146 ms

# Below is generated by plot.py at 2017-11-30 23:43:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 36.521 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 36.521 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 36.524 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 36.515 ms
Loss rate: 0.35%
```

Run 2: Report of SCReAM — Data Link

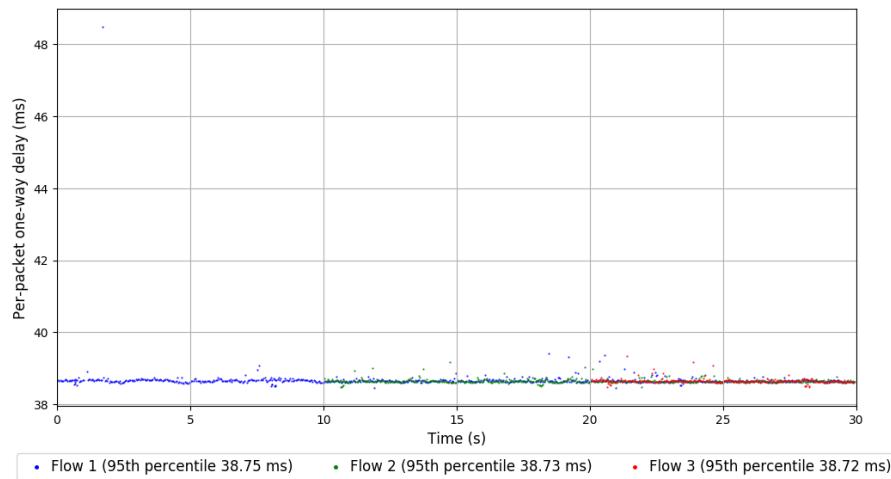
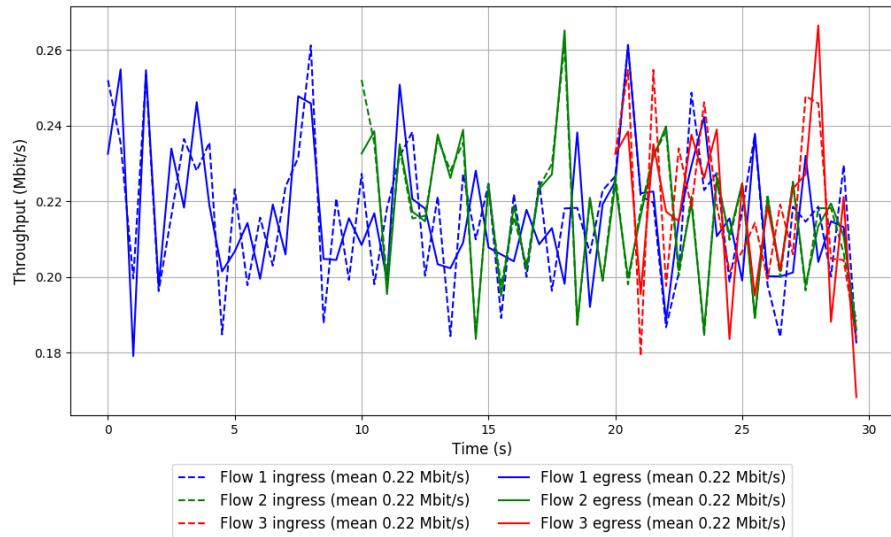


Run 3: Statistics of SCReAM

```
Start at: 2017-11-30 18:33:20
End at: 2017-11-30 18:33:50
Local clock offset: 8.042 ms
Remote clock offset: -21.046 ms

# Below is generated by plot.py at 2017-11-30 23:43:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 38.740 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 38.746 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 38.732 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 38.716 ms
Loss rate: 0.35%
```

Run 3: Report of SCReAM — Data Link

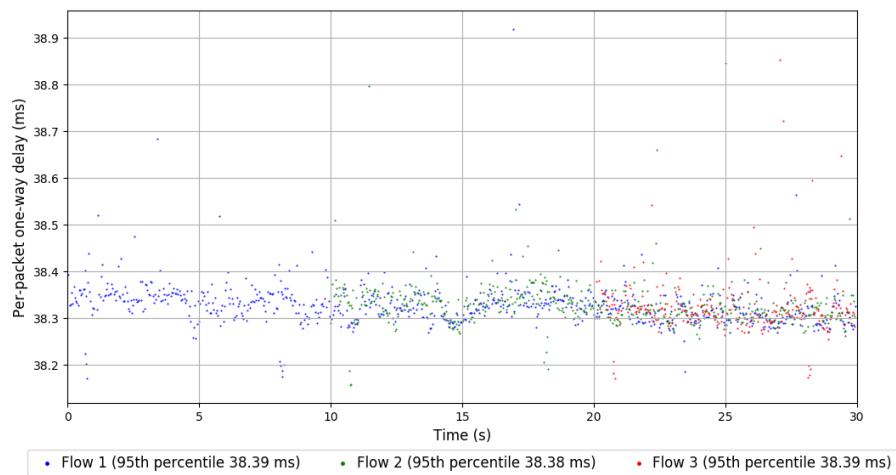
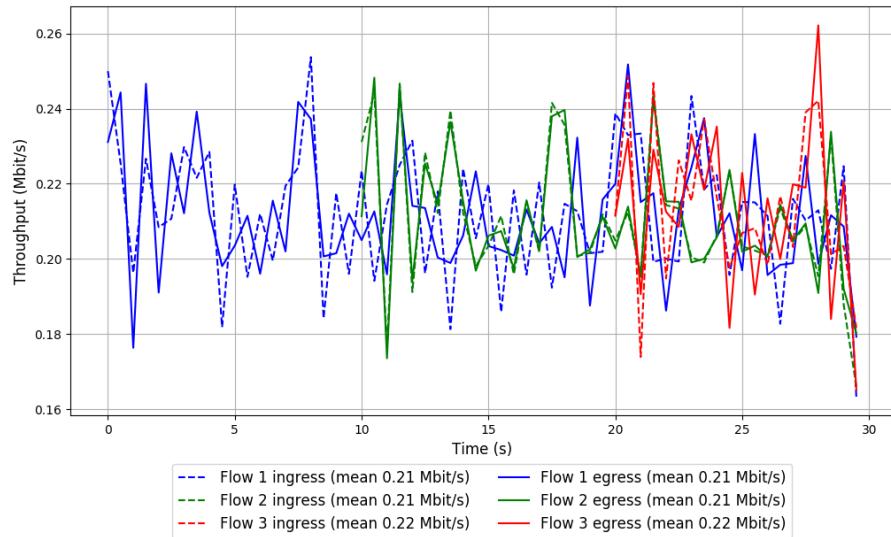


Run 4: Statistics of SCReAM

```
Start at: 2017-11-30 18:50:33
End at: 2017-11-30 18:51:03
Local clock offset: 8.346 ms
Remote clock offset: -20.629 ms

# Below is generated by plot.py at 2017-11-30 23:43:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 38.383 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 38.387 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 38.379 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 38.386 ms
Loss rate: 0.39%
```

Run 4: Report of SCReAM — Data Link

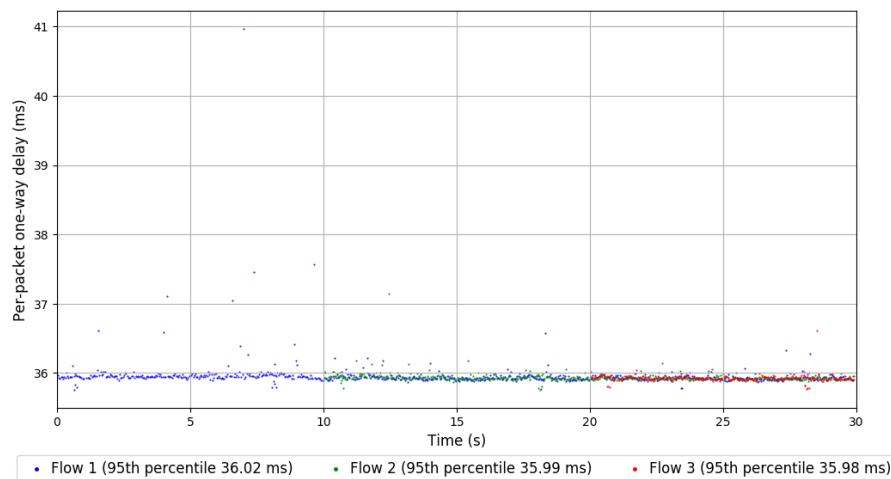
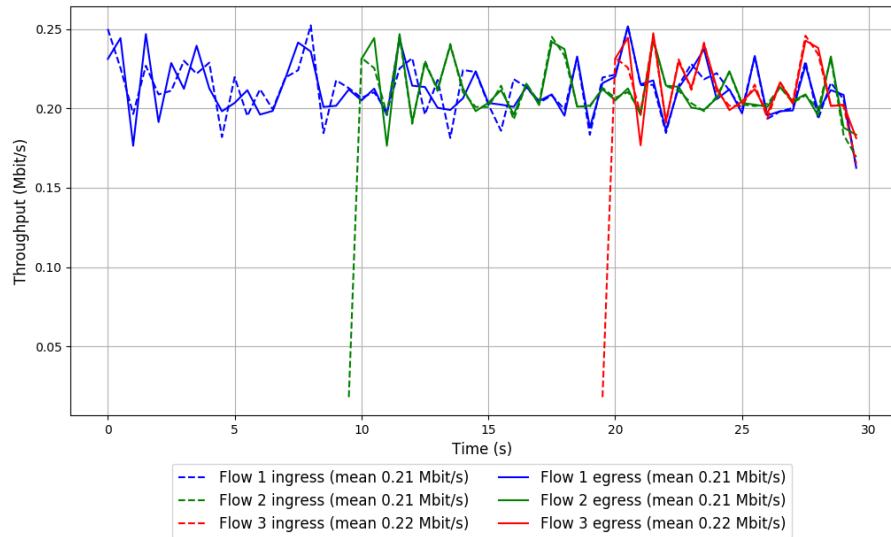


Run 5: Statistics of SCReAM

```
Start at: 2017-11-30 19:07:42
End at: 2017-11-30 19:08:12
Local clock offset: 5.878 ms
Remote clock offset: -21.208 ms

# Below is generated by plot.py at 2017-11-30 23:43:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 36.001 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 36.015 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 35.995 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 35.976 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

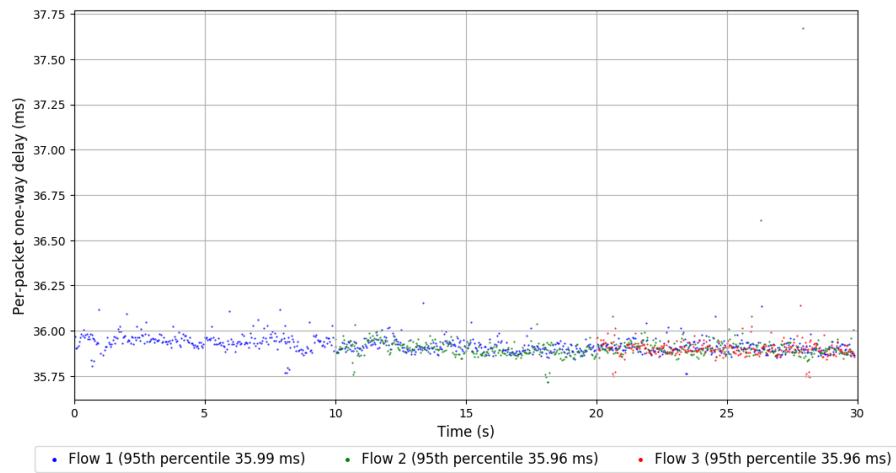
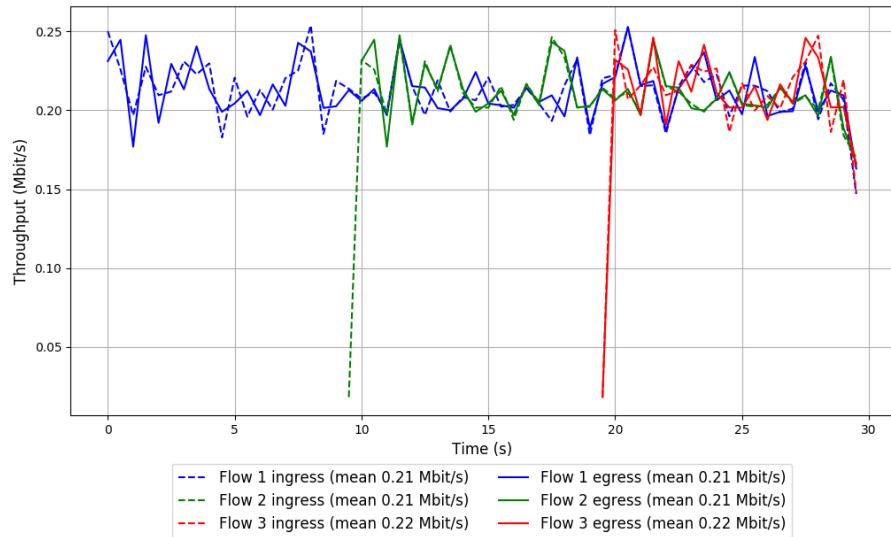


Run 6: Statistics of SCReAM

```
Start at: 2017-11-30 19:24:31
End at: 2017-11-30 19:25:01
Local clock offset: 7.51 ms
Remote clock offset: -21.208 ms

# Below is generated by plot.py at 2017-11-30 23:43:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 35.980 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 35.988 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 35.964 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 35.963 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link

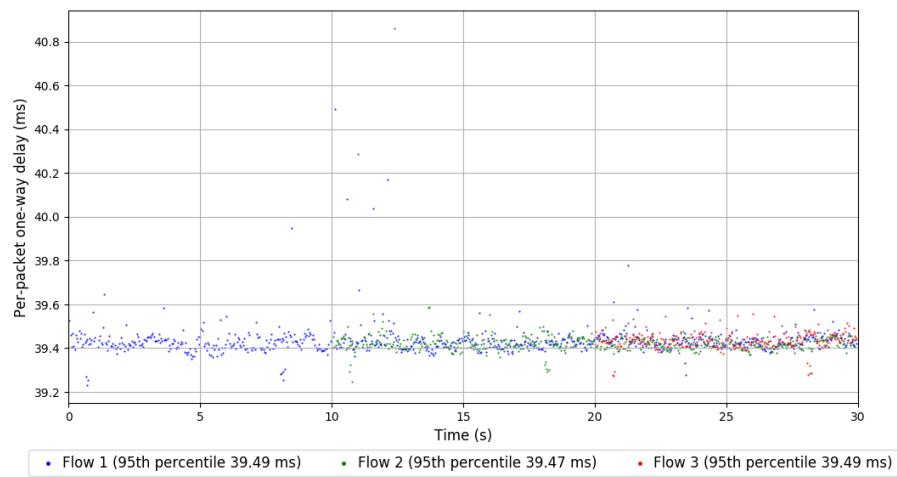
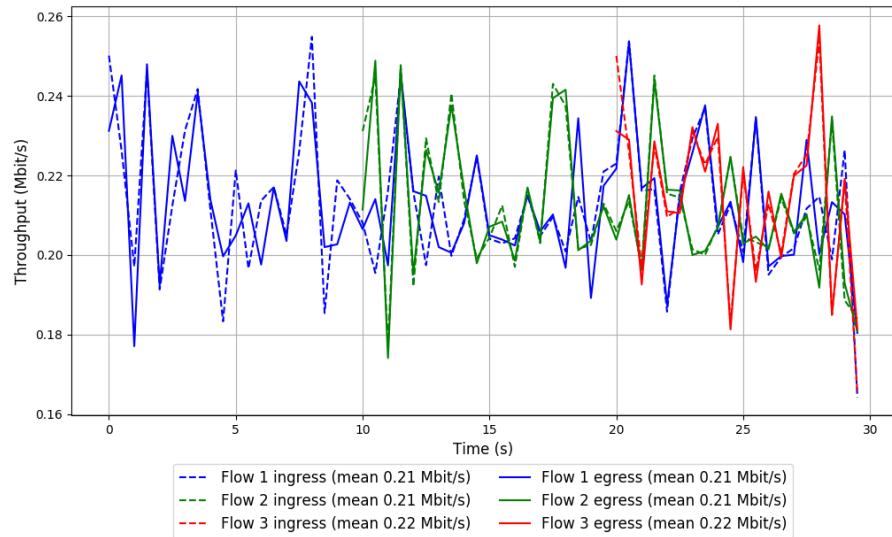


Run 7: Statistics of SCReAM

```
Start at: 2017-11-30 19:41:57
End at: 2017-11-30 19:42:27
Local clock offset: 8.607 ms
Remote clock offset: -22.771 ms

# Below is generated by plot.py at 2017-11-30 23:43:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 39.482 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 39.487 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 39.471 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 39.490 ms
Loss rate: 0.00%
```

Run 7: Report of SCReAM — Data Link

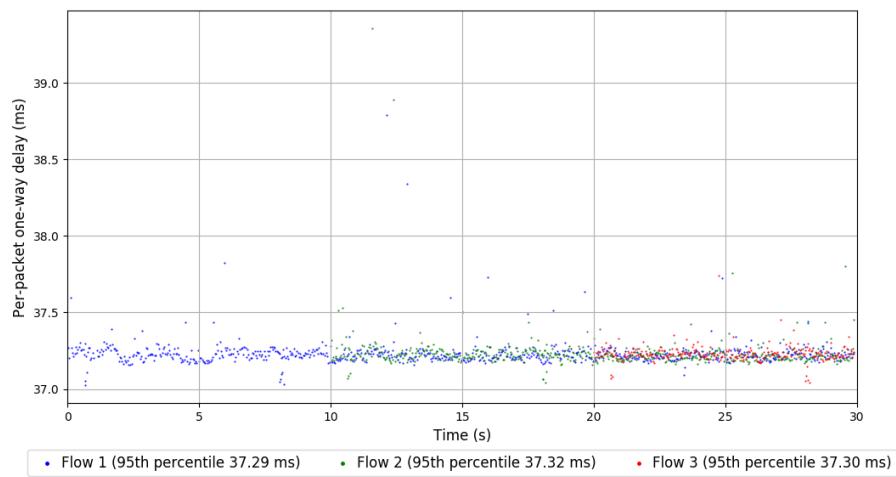
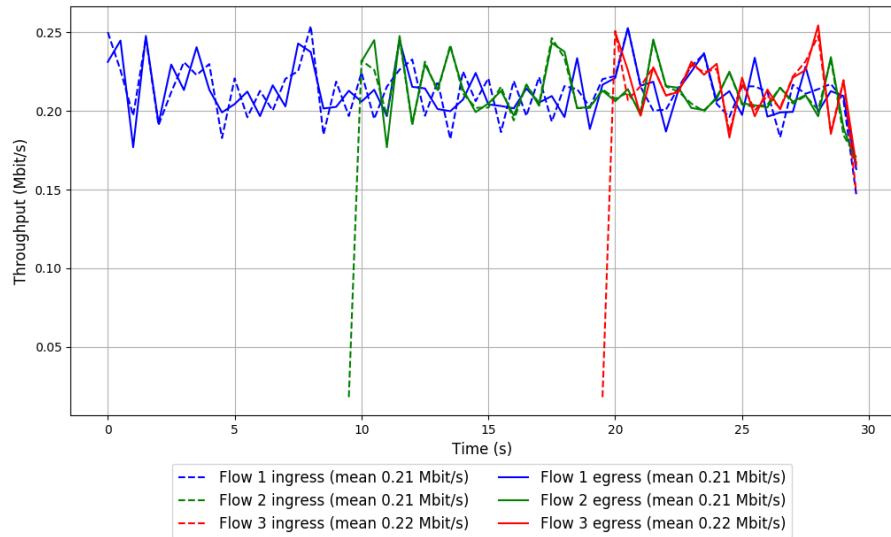


Run 8: Statistics of SCReAM

```
Start at: 2017-11-30 19:59:24
End at: 2017-11-30 19:59:54
Local clock offset: 6.914 ms
Remote clock offset: -20.773 ms

# Below is generated by plot.py at 2017-11-30 23:43:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 37.299 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 37.292 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 37.319 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 37.300 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

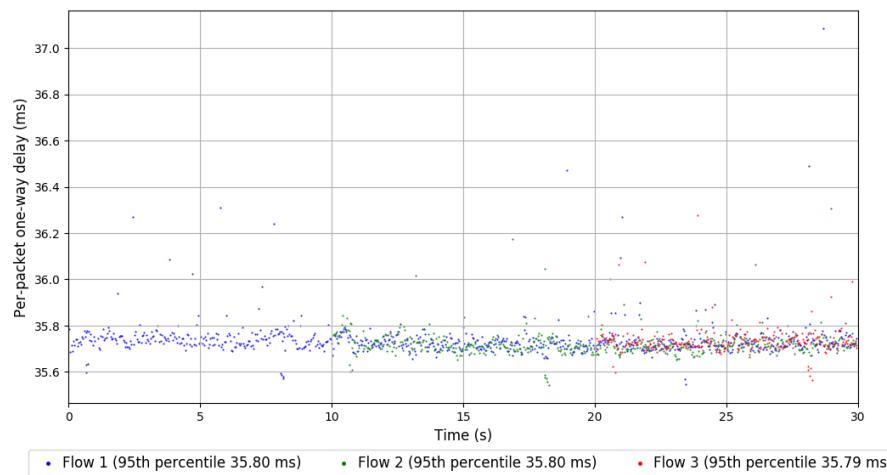
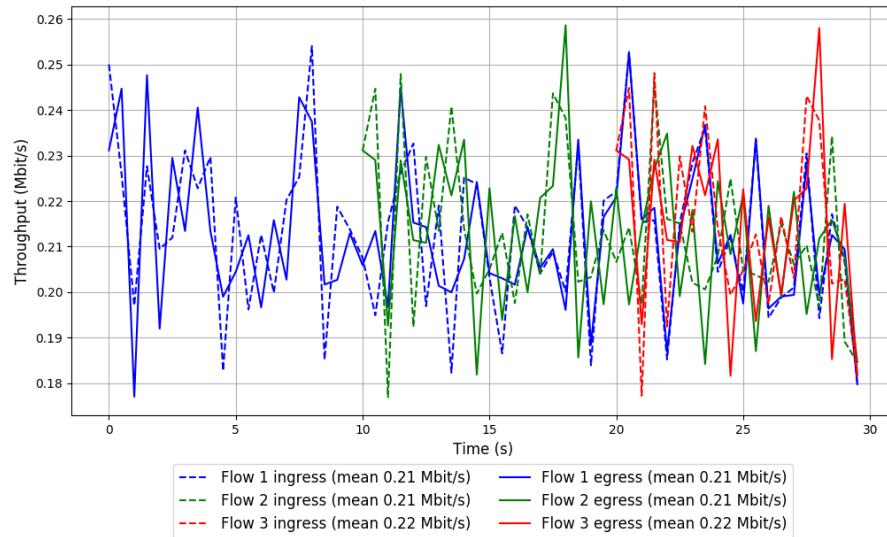


Run 9: Statistics of SCReAM

```
Start at: 2017-11-30 20:17:05
End at: 2017-11-30 20:17:35
Local clock offset: 2.559 ms
Remote clock offset: -22.243 ms

# Below is generated by plot.py at 2017-11-30 23:43:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 35.797 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 35.800 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 35.797 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 35.786 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

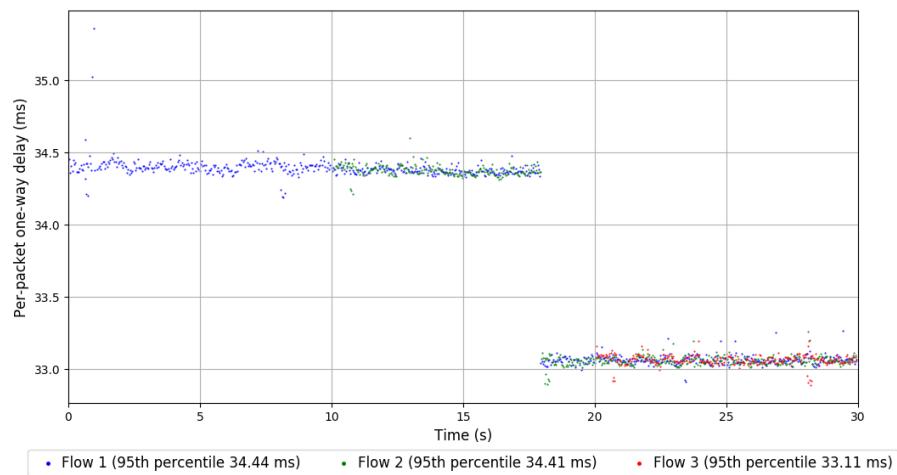
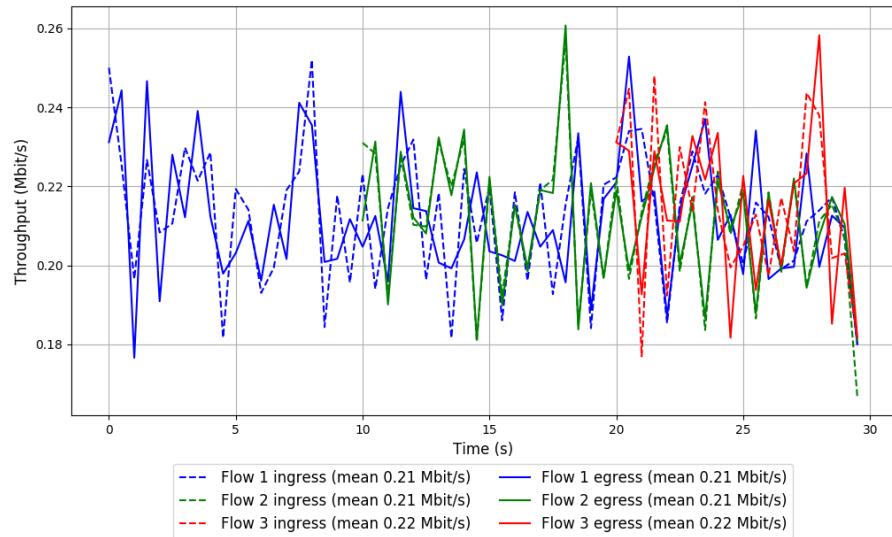


Run 10: Statistics of SCReAM

```
Start at: 2017-11-30 20:34:02
End at: 2017-11-30 20:34:32
Local clock offset: 3.603 ms
Remote clock offset: -17.774 ms

# Below is generated by plot.py at 2017-11-30 23:43:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 34.427 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 34.438 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 34.411 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 33.106 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

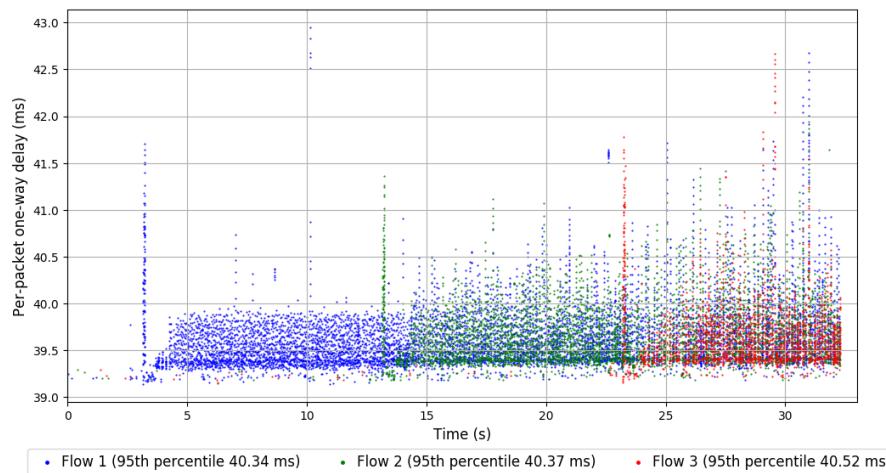
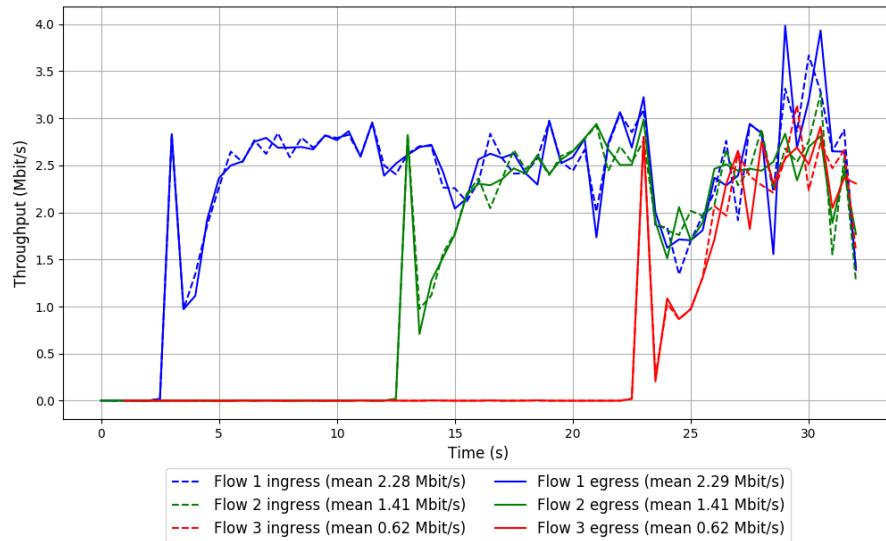


```
Run 1: Statistics of WebRTC media

Start at: 2017-11-30 17:50:44
End at: 2017-11-30 17:51:14
Local clock offset: 8.071 ms
Remote clock offset: -21.78 ms

# Below is generated by plot.py at 2017-11-30 23:43:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.26 Mbit/s
95th percentile per-packet one-way delay: 40.374 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 40.339 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 1.41 Mbit/s
95th percentile per-packet one-way delay: 40.371 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: 40.516 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

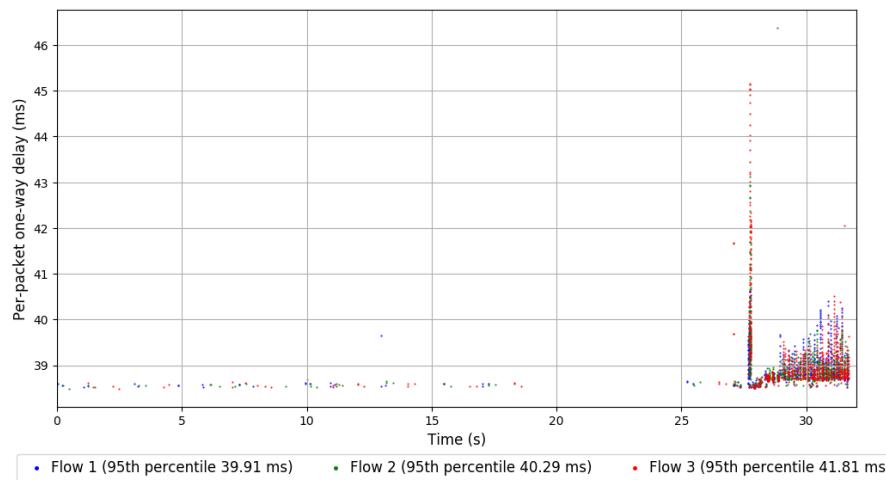
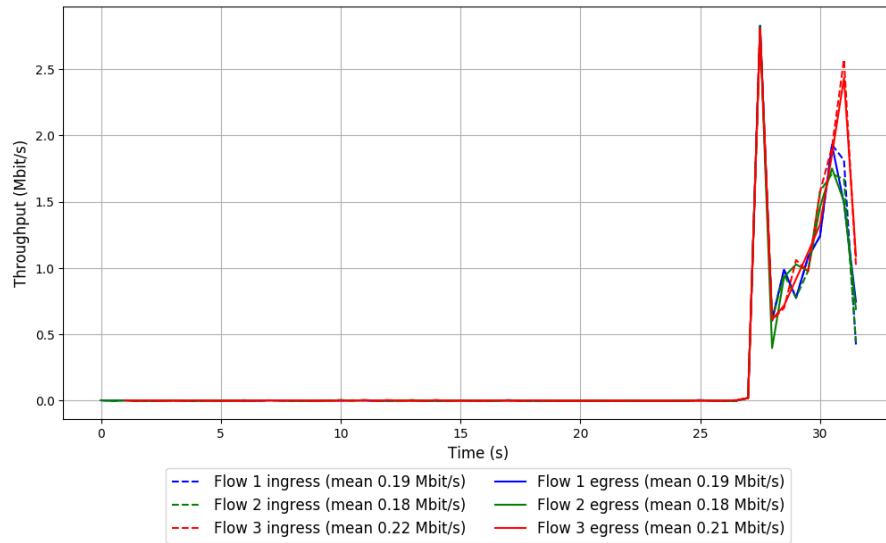


Run 2: Statistics of WebRTC media

```
Start at: 2017-11-30 18:08:06
End at: 2017-11-30 18:08:36
Local clock offset: 7.329 ms
Remote clock offset: -21.815 ms

# Below is generated by plot.py at 2017-11-30 23:43:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 40.400 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 39.910 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 40.287 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 41.810 ms
Loss rate: 2.80%
```

Run 2: Report of WebRTC media — Data Link

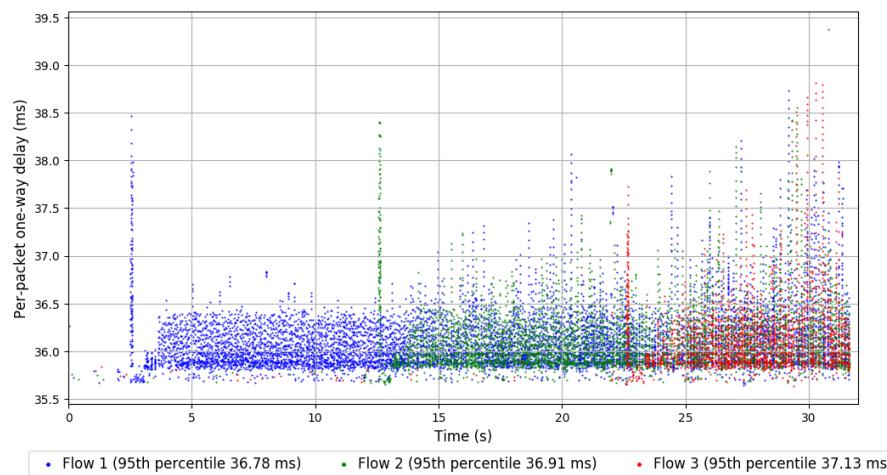
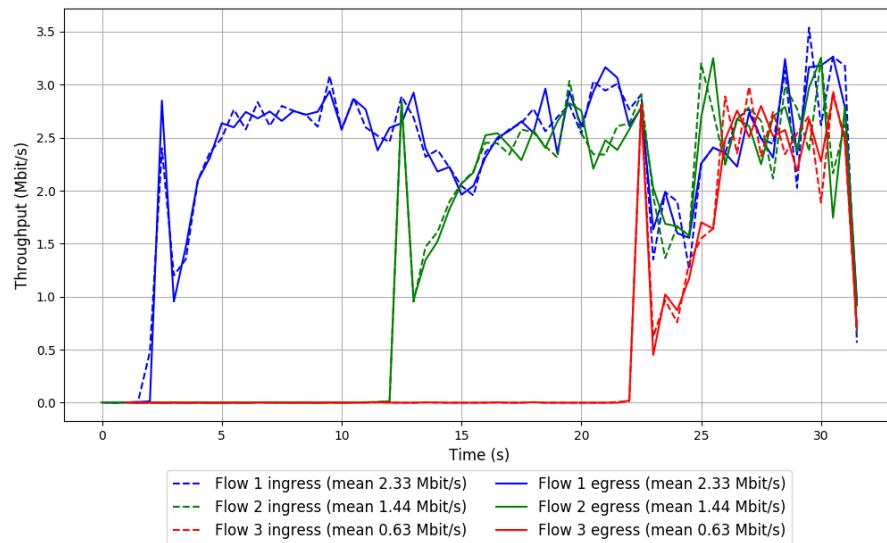


Run 3: Statistics of WebRTC media

```
Start at: 2017-11-30 18:25:36
End at: 2017-11-30 18:26:06
Local clock offset: 2.764 ms
Remote clock offset: -23.402 ms

# Below is generated by plot.py at 2017-11-30 23:43:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.37 Mbit/s
95th percentile per-packet one-way delay: 36.881 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 36.777 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.44 Mbit/s
95th percentile per-packet one-way delay: 36.907 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.63 Mbit/s
95th percentile per-packet one-way delay: 37.133 ms
Loss rate: 0.01%
```

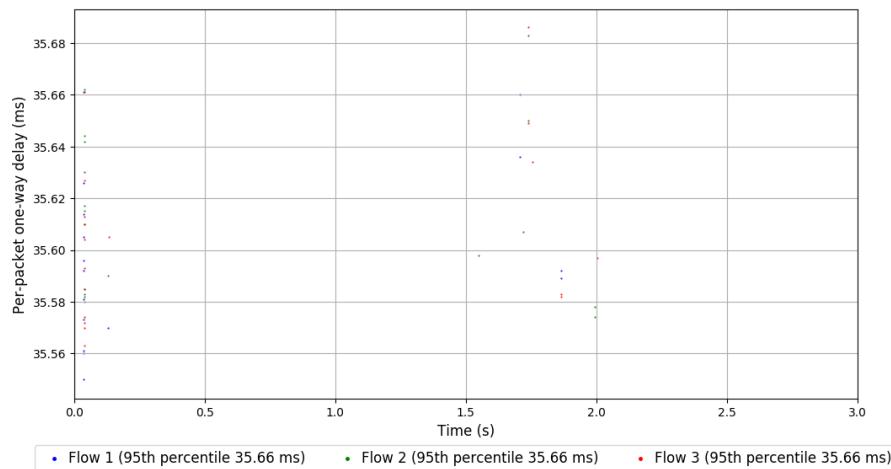
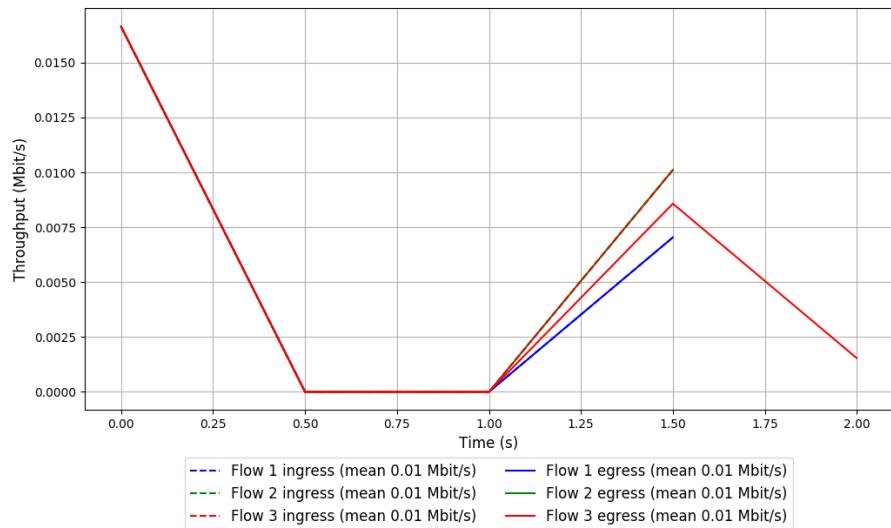
Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2017-11-30 18:43:03
End at: 2017-11-30 18:43:33
Local clock offset: 5.642 ms
Remote clock offset: -20.579 ms

Run 4: Report of WebRTC media — Data Link

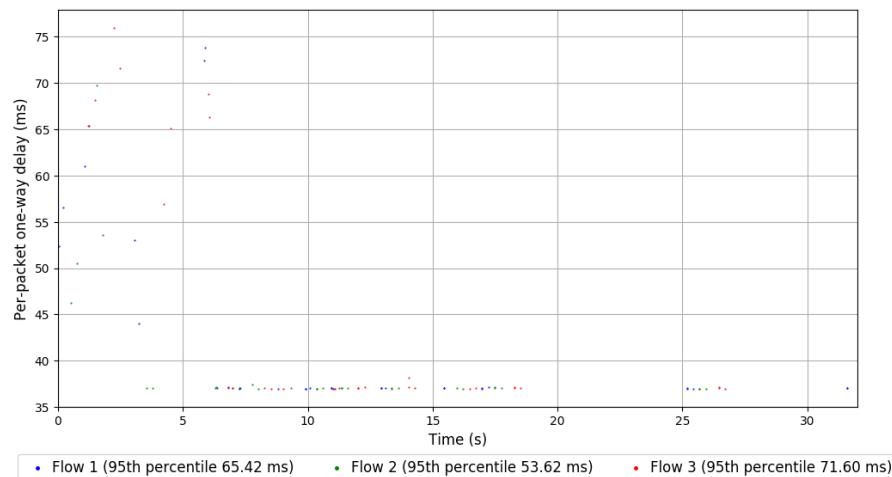
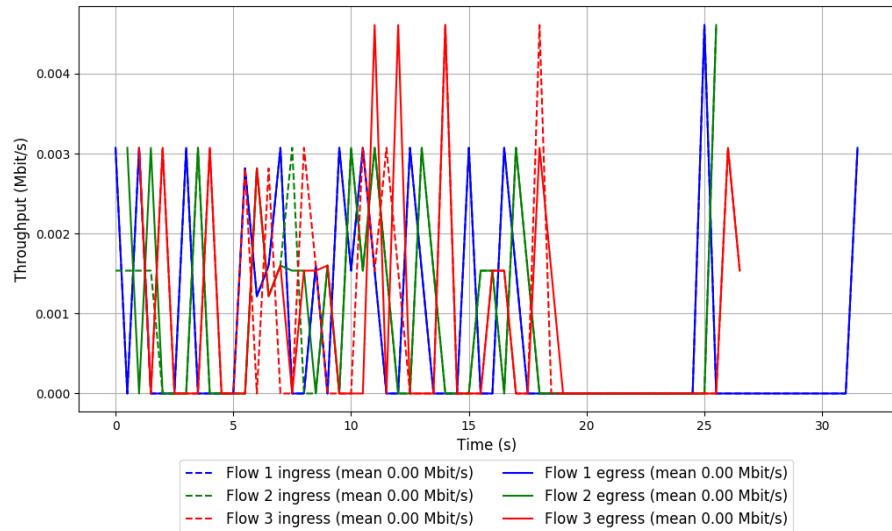


Run 5: Statistics of WebRTC media

```
Start at: 2017-11-30 19:00:12
End at: 2017-11-30 19:00:42
Local clock offset: 5.426 ms
Remote clock offset: -22.541 ms

# Below is generated by plot.py at 2017-11-30 23:43:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 68.807 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 65.422 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 53.615 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 71.597 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

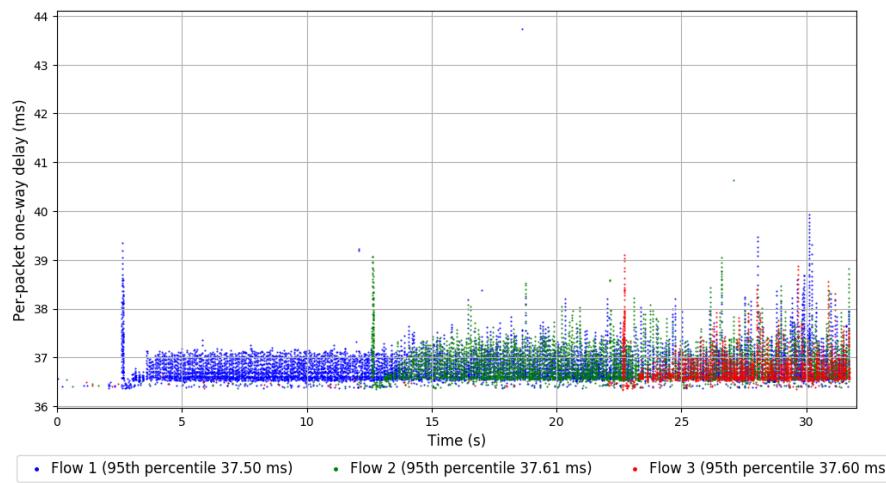
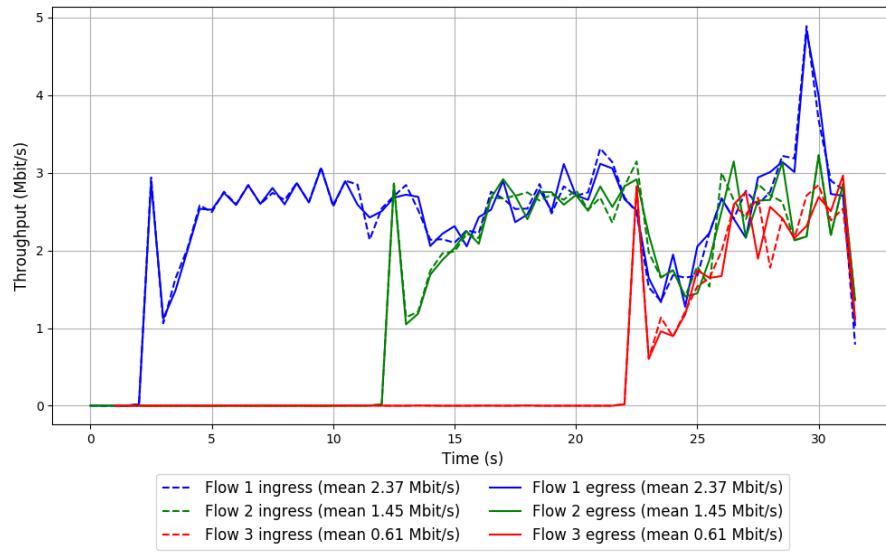


```
Run 6: Statistics of WebRTC media

Start at: 2017-11-30 19:17:17
End at: 2017-11-30 19:17:47
Local clock offset: 6.635 ms
Remote clock offset: -21.091 ms

# Below is generated by plot.py at 2017-11-30 23:43:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.39 Mbit/s
95th percentile per-packet one-way delay: 37.553 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 37.498 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.45 Mbit/s
95th percentile per-packet one-way delay: 37.611 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.61 Mbit/s
95th percentile per-packet one-way delay: 37.601 ms
Loss rate: 0.00%
```

Run 6: Report of WebRTC media — Data Link

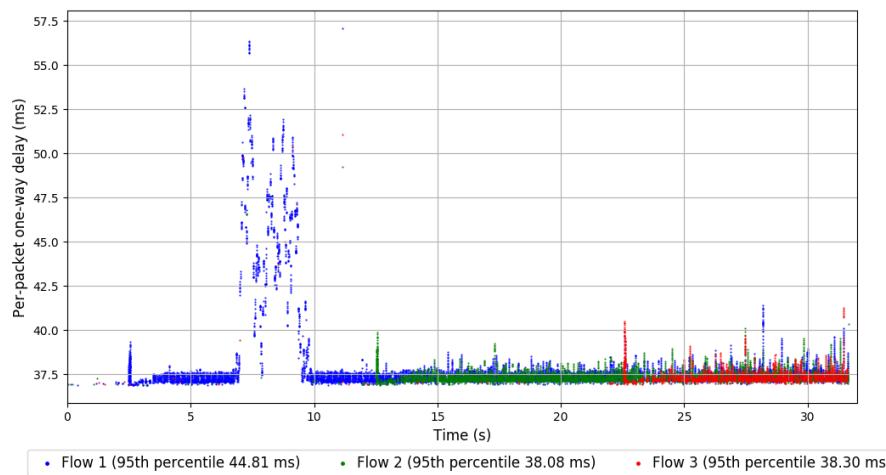
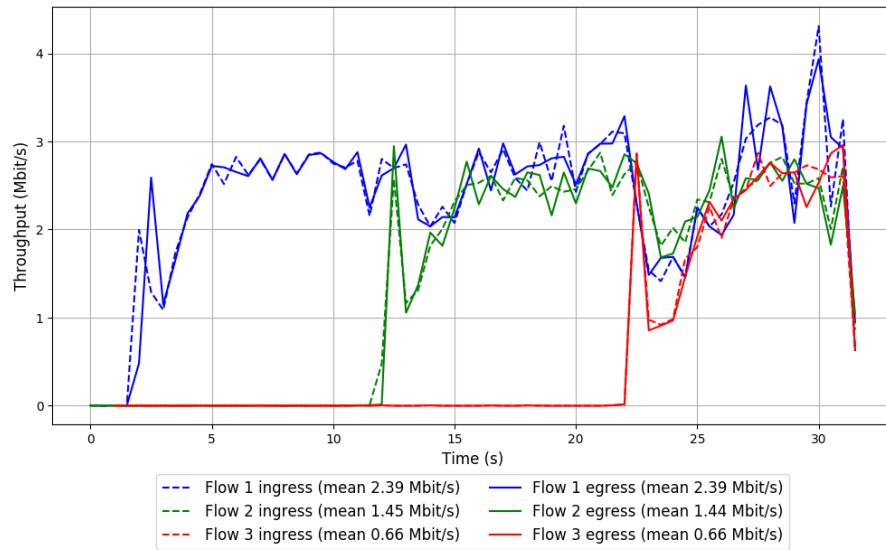


Run 7: Statistics of WebRTC media

```
Start at: 2017-11-30 19:34:26
End at: 2017-11-30 19:34:56
Local clock offset: 8.69 ms
Remote clock offset: -21.087 ms

# Below is generated by plot.py at 2017-11-30 23:43:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.46 Mbit/s
95th percentile per-packet one-way delay: 39.876 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 44.814 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.44 Mbit/s
95th percentile per-packet one-way delay: 38.079 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 0.66 Mbit/s
95th percentile per-packet one-way delay: 38.300 ms
Loss rate: 0.00%
```

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2017-11-30 19:51:51

End at: 2017-11-30 19:52:21

Local clock offset: 8.25 ms

Remote clock offset: -20.9 ms

Run 8: Report of WebRTC media — Data Link

Figure is missing

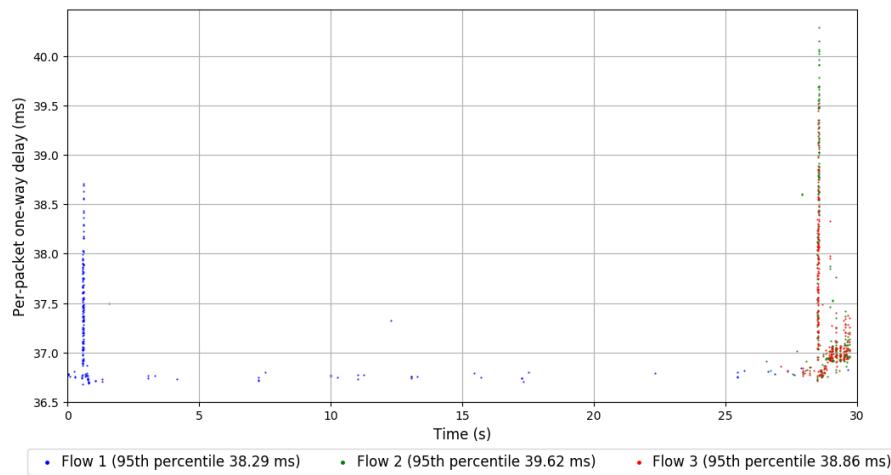
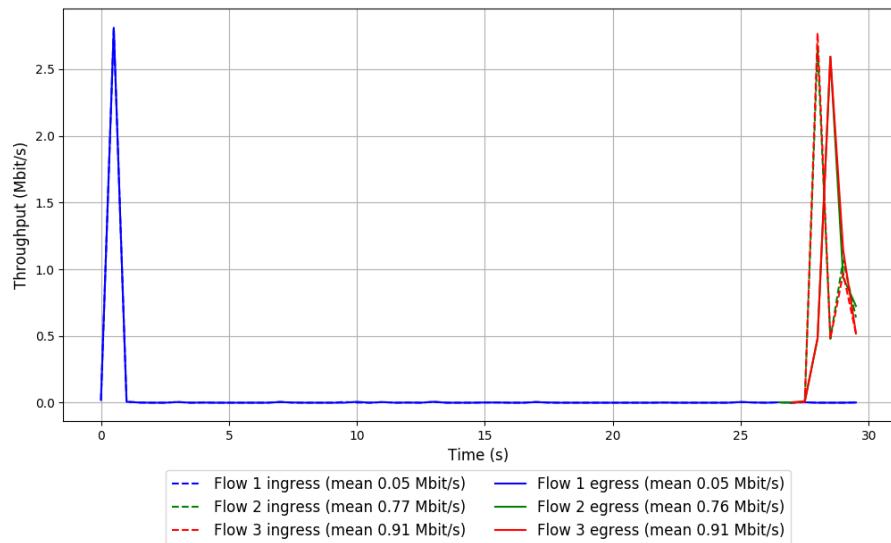
Figure is missing

Run 9: Statistics of WebRTC media

```
Start at: 2017-11-30 20:09:18
End at: 2017-11-30 20:09:48
Local clock offset: 5.095 ms
Remote clock offset: -21.438 ms

# Below is generated by plot.py at 2017-11-30 23:43:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 39.222 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 38.292 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.76 Mbit/s
95th percentile per-packet one-way delay: 39.618 ms
Loss rate: 2.47%
-- Flow 3:
Average throughput: 0.91 Mbit/s
95th percentile per-packet one-way delay: 38.858 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link

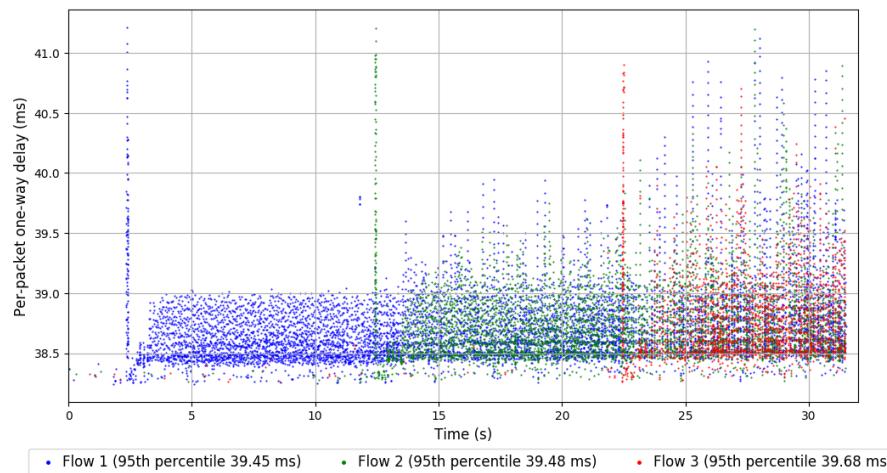
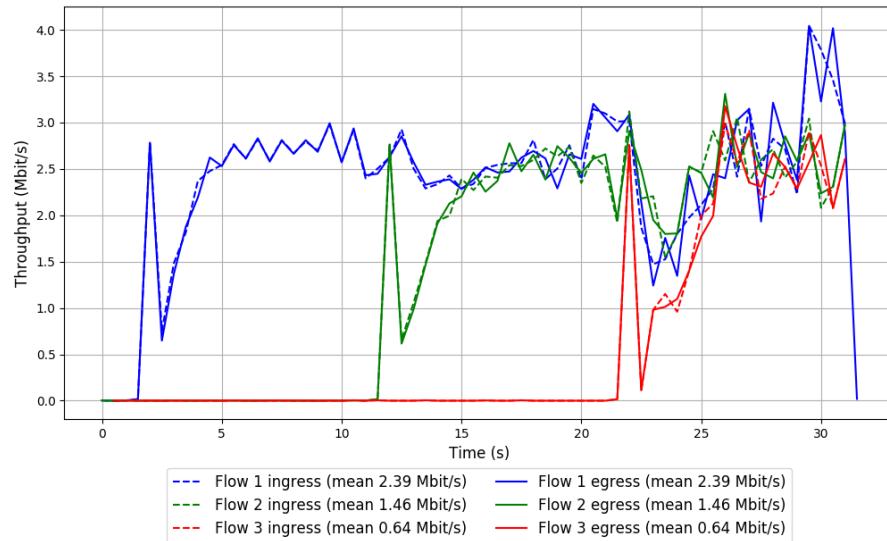


```
Run 10: Statistics of WebRTC media
```

```
Start at: 2017-11-30 20:26:39
End at: 2017-11-30 20:27:09
Local clock offset: 5.647 ms
Remote clock offset: -21.23 ms

# Below is generated by plot.py at 2017-11-30 23:43:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.48 Mbit/s
95th percentile per-packet one-way delay: 39.500 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 39.449 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 1.46 Mbit/s
95th percentile per-packet one-way delay: 39.478 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 39.678 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

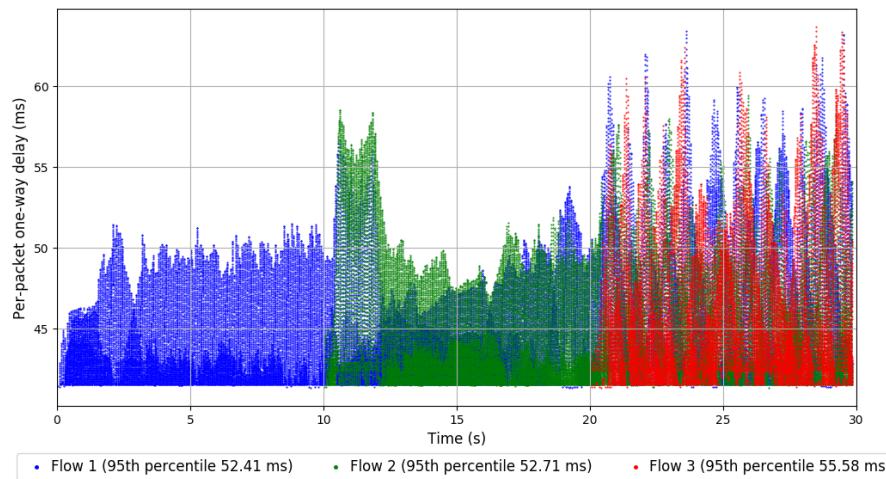
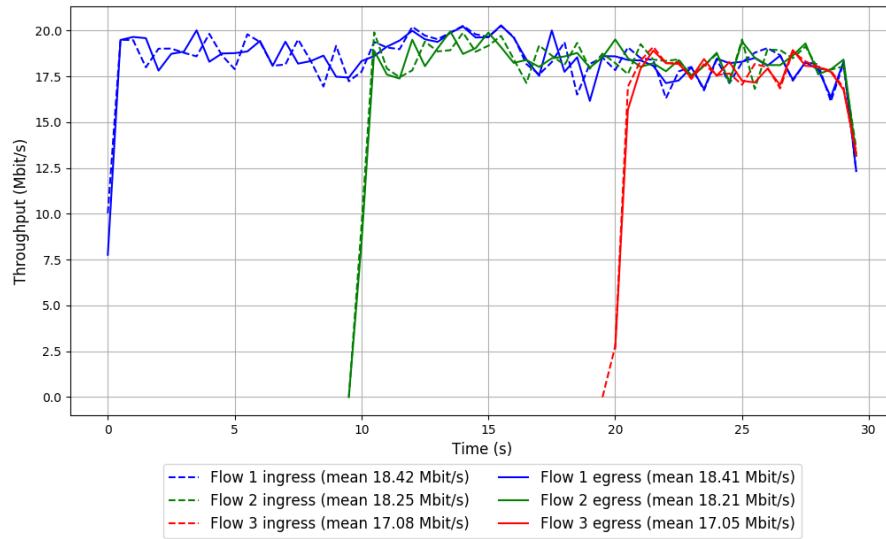


Run 1: Statistics of Sprout

```
Start at: 2017-11-30 18:04:20
End at: 2017-11-30 18:04:50
Local clock offset: 8.995 ms
Remote clock offset: -23.103 ms

# Below is generated by plot.py at 2017-11-30 23:43:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 36.17 Mbit/s
95th percentile per-packet one-way delay: 53.143 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 18.41 Mbit/s
95th percentile per-packet one-way delay: 52.406 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 18.21 Mbit/s
95th percentile per-packet one-way delay: 52.711 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 17.05 Mbit/s
95th percentile per-packet one-way delay: 55.579 ms
Loss rate: 0.59%
```

Run 1: Report of Sprout — Data Link

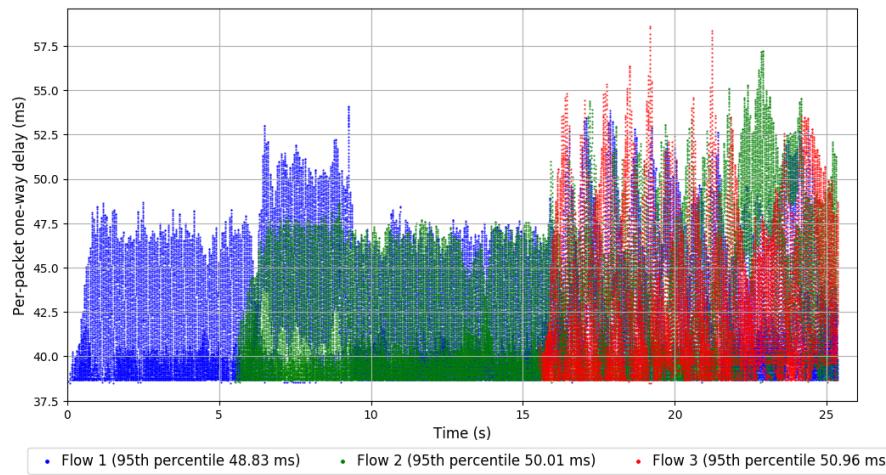
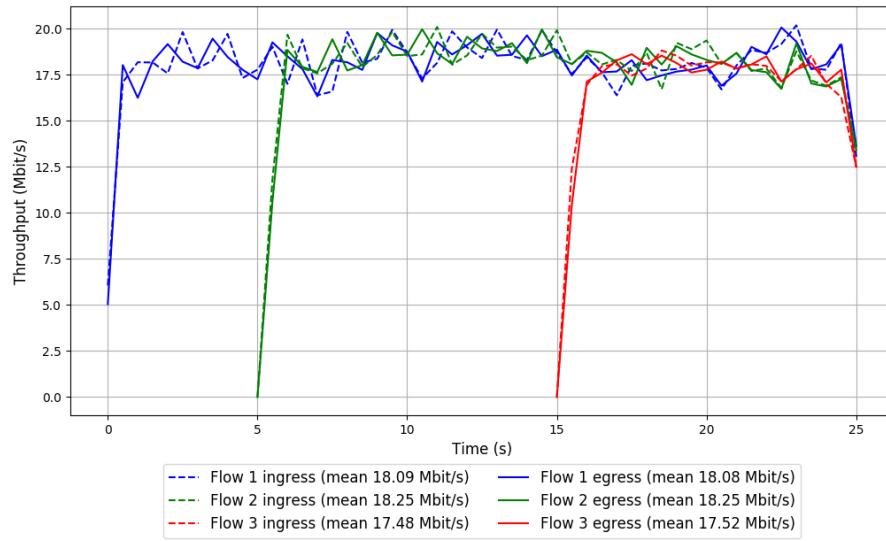


Run 2: Statistics of Sprout

```
Start at: 2017-11-30 18:21:49
End at: 2017-11-30 18:22:19
Local clock offset: 6.435 ms
Remote clock offset: -22.521 ms

# Below is generated by plot.py at 2017-11-30 23:43:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 39.19 Mbit/s
95th percentile per-packet one-way delay: 49.653 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 18.08 Mbit/s
95th percentile per-packet one-way delay: 48.834 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 18.25 Mbit/s
95th percentile per-packet one-way delay: 50.013 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 17.52 Mbit/s
95th percentile per-packet one-way delay: 50.959 ms
Loss rate: 0.08%
```

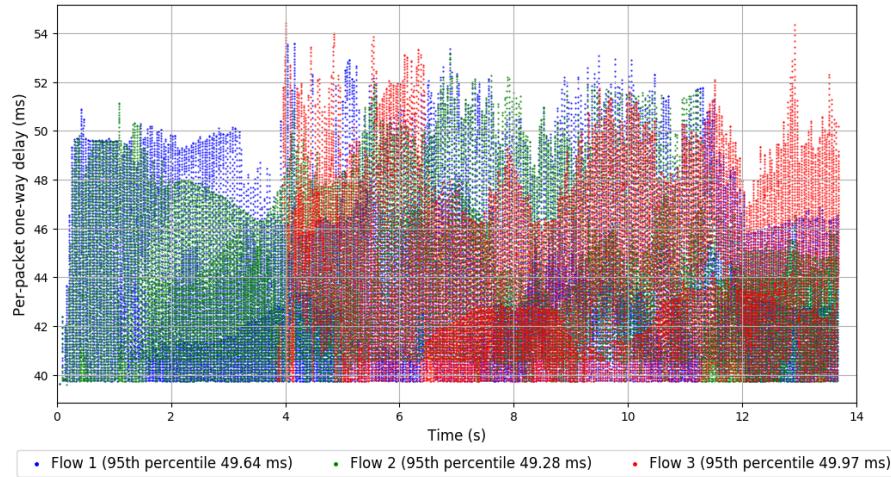
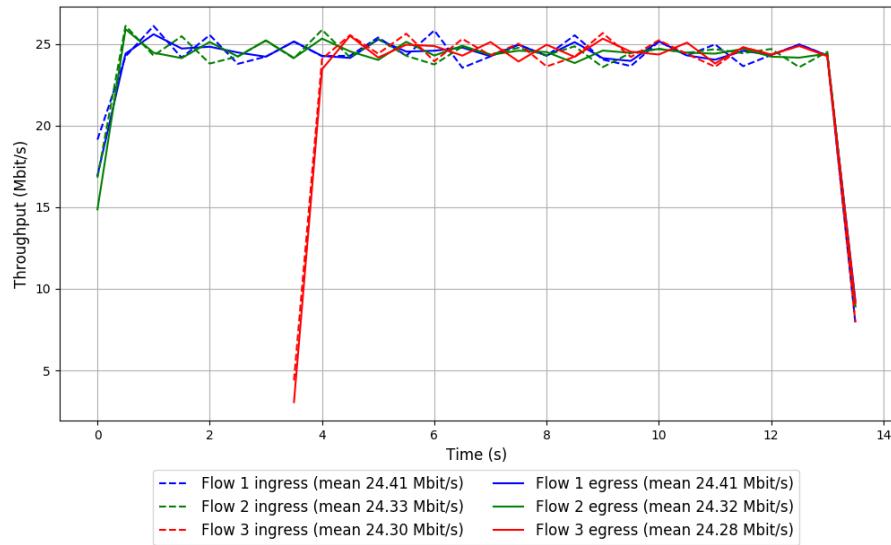
Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: 2017-11-30 18:39:21
End at: 2017-11-30 18:39:51
Local clock offset: 8.957 ms
Remote clock offset: -21.113 ms

Run 3: Report of Sprout — Data Link

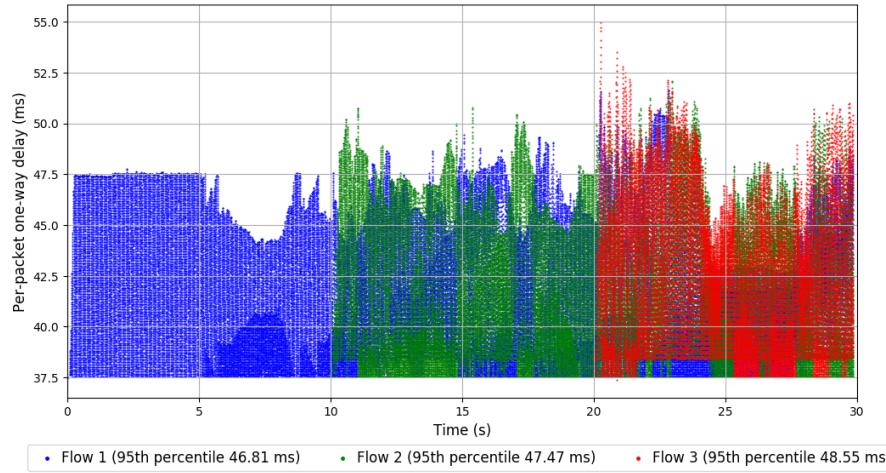
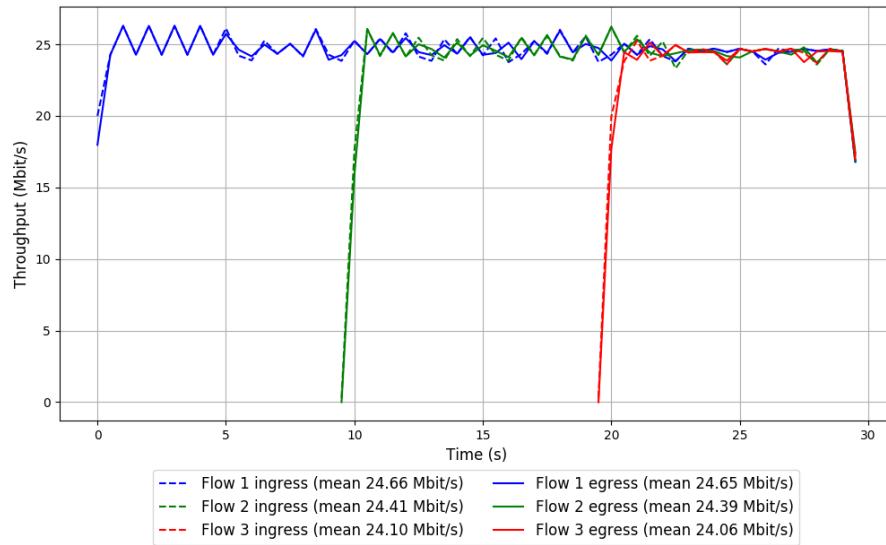


Run 4: Statistics of Sprout

```
Start at: 2017-11-30 18:56:34
End at: 2017-11-30 18:57:04
Local clock offset: 7.231 ms
Remote clock offset: -20.991 ms

# Below is generated by plot.py at 2017-11-30 23:43:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.87 Mbit/s
95th percentile per-packet one-way delay: 47.327 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 24.65 Mbit/s
95th percentile per-packet one-way delay: 46.807 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 24.39 Mbit/s
95th percentile per-packet one-way delay: 47.474 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 24.06 Mbit/s
95th percentile per-packet one-way delay: 48.545 ms
Loss rate: 0.32%
```

Run 4: Report of Sprout — Data Link

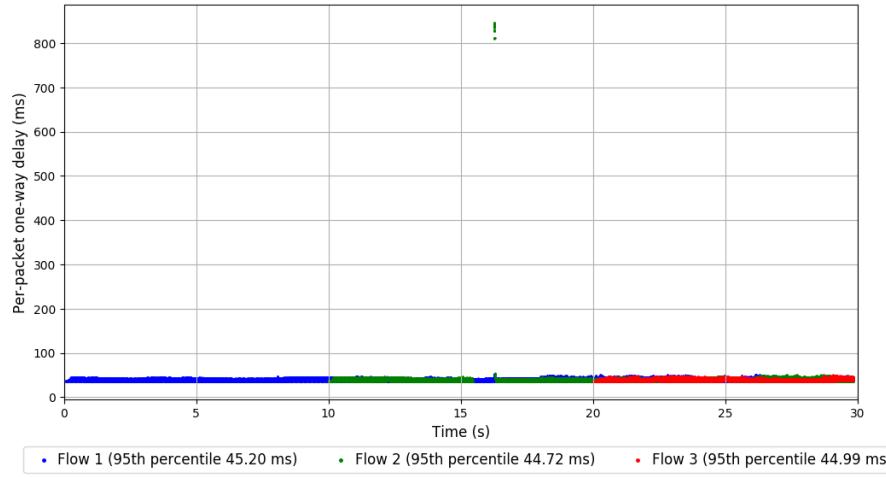
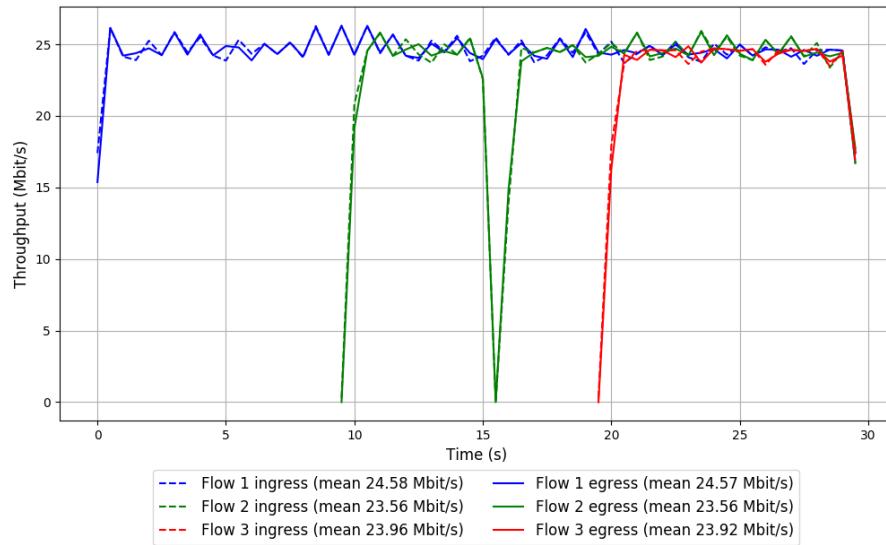


Run 5: Statistics of Sprout

```
Start at: 2017-11-30 19:13:44
End at: 2017-11-30 19:14:14
Local clock offset: 6.122 ms
Remote clock offset: -20.709 ms

# Below is generated by plot.py at 2017-11-30 23:44:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.19 Mbit/s
95th percentile per-packet one-way delay: 45.029 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 24.57 Mbit/s
95th percentile per-packet one-way delay: 45.196 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 23.56 Mbit/s
95th percentile per-packet one-way delay: 44.723 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 23.92 Mbit/s
95th percentile per-packet one-way delay: 44.988 ms
Loss rate: 0.28%
```

Run 5: Report of Sprout — Data Link

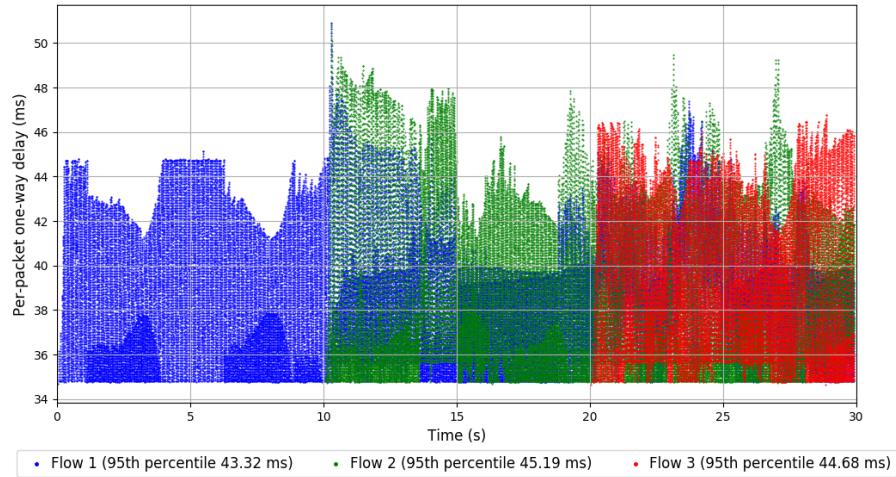
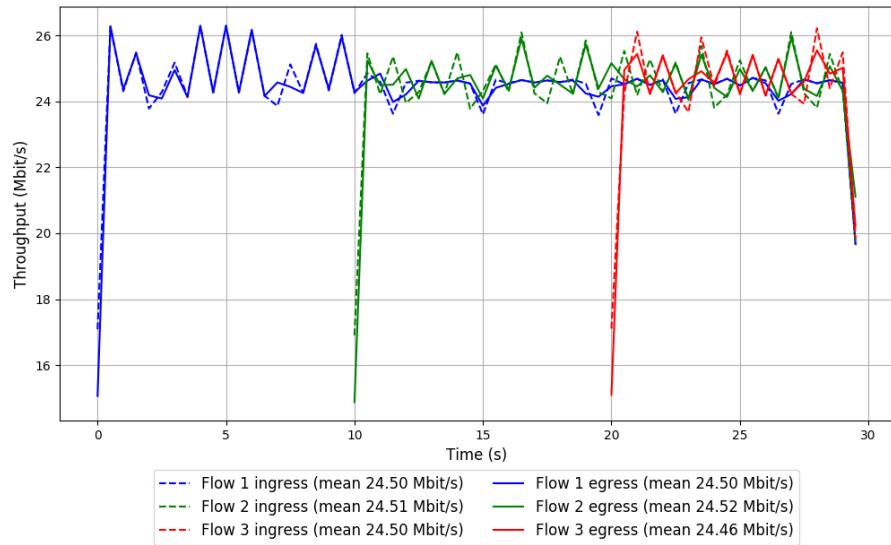


Run 6: Statistics of Sprout

```
Start at: 2017-11-30 19:30:37
End at: 2017-11-30 19:31:07
Local clock offset: 6.607 ms
Remote clock offset: -21.049 ms

# Below is generated by plot.py at 2017-11-30 23:44:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.87 Mbit/s
95th percentile per-packet one-way delay: 44.233 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 24.50 Mbit/s
95th percentile per-packet one-way delay: 43.316 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 24.52 Mbit/s
95th percentile per-packet one-way delay: 45.194 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 24.46 Mbit/s
95th percentile per-packet one-way delay: 44.679 ms
Loss rate: 0.34%
```

Run 6: Report of Sprout — Data Link

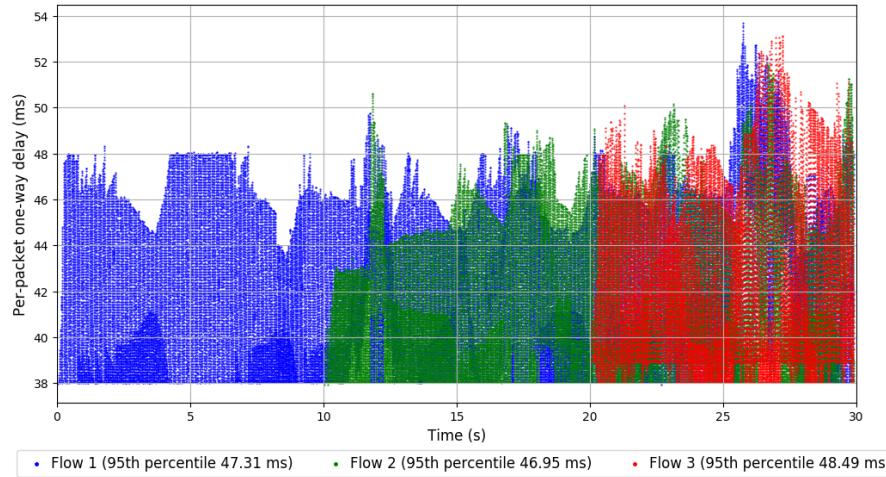
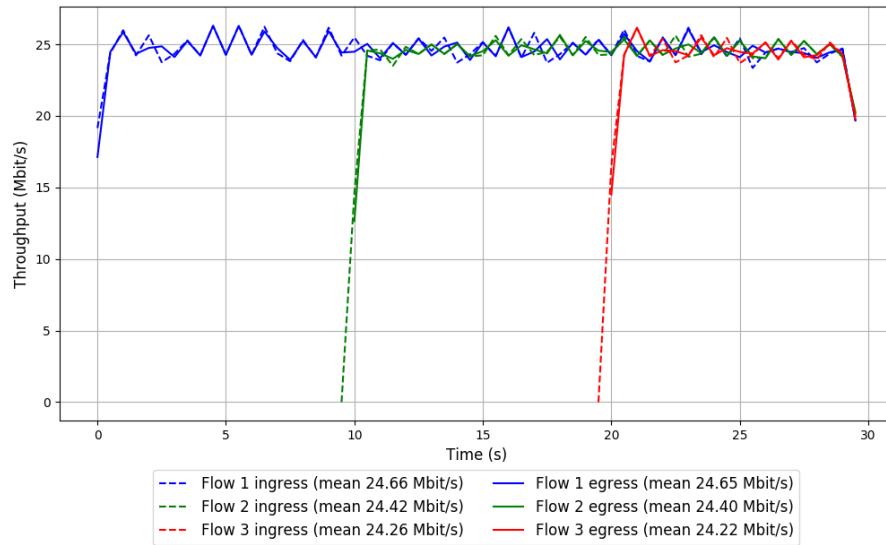


Run 7: Statistics of Sprout

```
Start at: 2017-11-30 19:48:09
End at: 2017-11-30 19:48:39
Local clock offset: 8.578 ms
Remote clock offset: -20.817 ms

# Below is generated by plot.py at 2017-11-30 23:44:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.89 Mbit/s
95th percentile per-packet one-way delay: 47.462 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 24.65 Mbit/s
95th percentile per-packet one-way delay: 47.315 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 24.40 Mbit/s
95th percentile per-packet one-way delay: 46.949 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 24.22 Mbit/s
95th percentile per-packet one-way delay: 48.492 ms
Loss rate: 0.35%
```

Run 7: Report of Sprout — Data Link

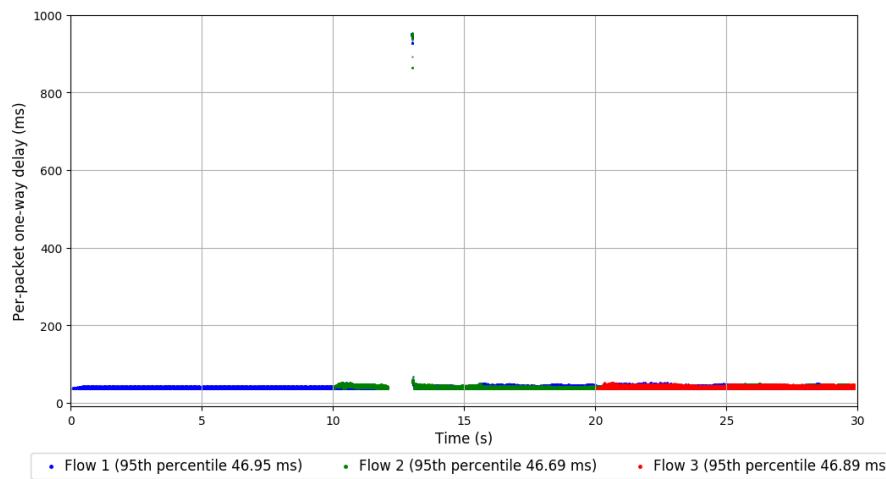
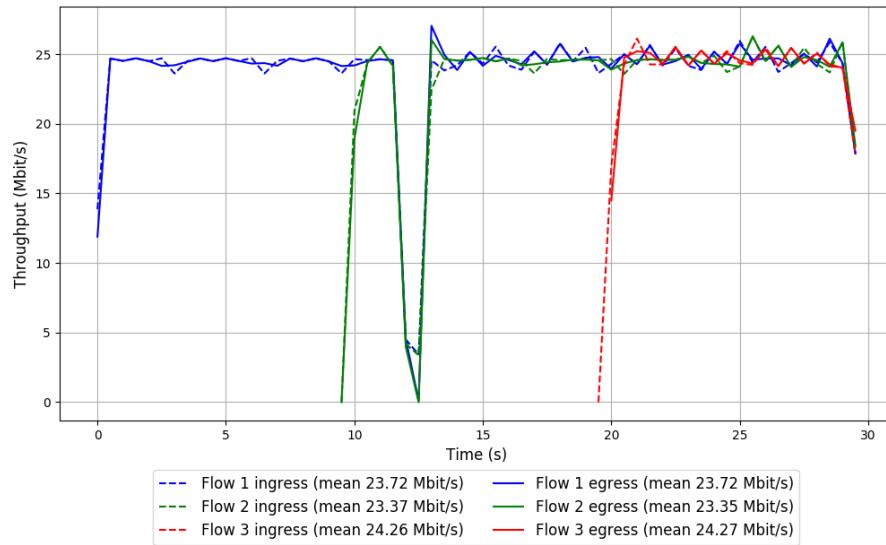


Run 8: Statistics of Sprout

```
Start at: 2017-11-30 20:05:30
End at: 2017-11-30 20:06:00
Local clock offset: 6.343 ms
Remote clock offset: -21.384 ms

# Below is generated by plot.py at 2017-11-30 23:44:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 47.29 Mbit/s
95th percentile per-packet one-way delay: 46.860 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 23.72 Mbit/s
95th percentile per-packet one-way delay: 46.953 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 23.35 Mbit/s
95th percentile per-packet one-way delay: 46.686 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 24.27 Mbit/s
95th percentile per-packet one-way delay: 46.893 ms
Loss rate: 0.05%
```

Run 8: Report of Sprout — Data Link

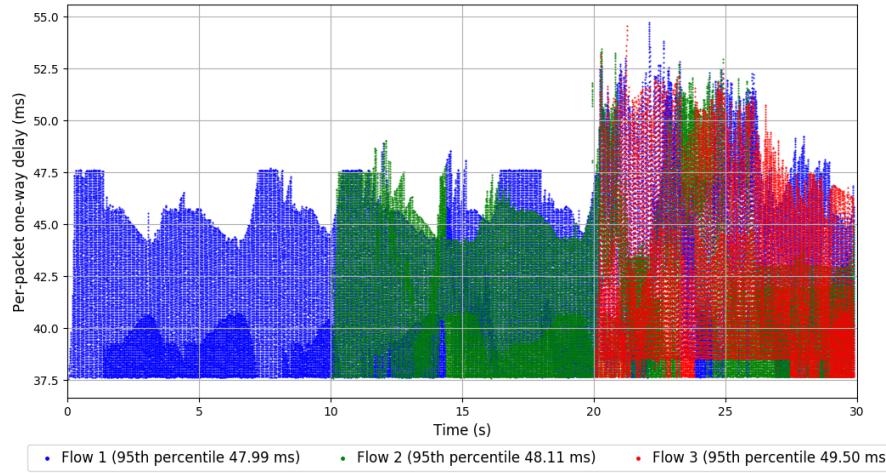
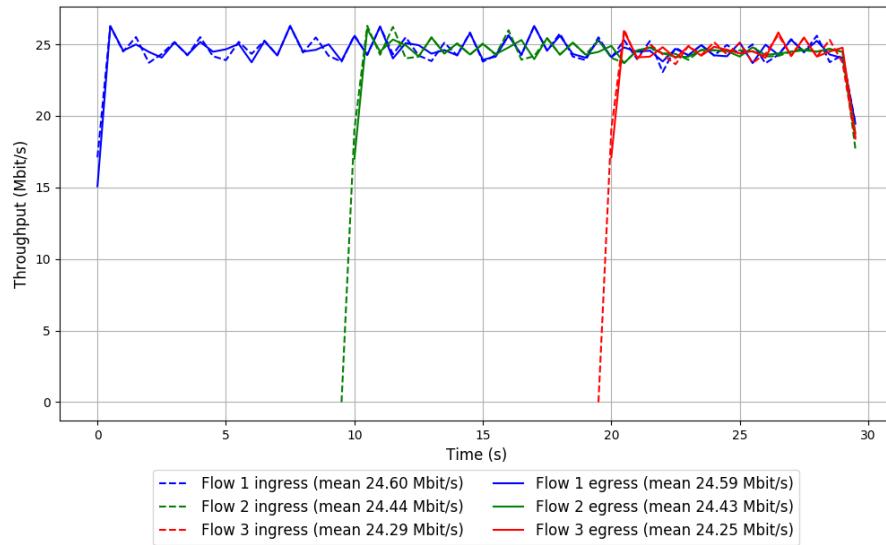


Run 9: Statistics of Sprout

```
Start at: 2017-11-30 20:23:02
End at: 2017-11-30 20:23:32
Local clock offset: 5.035 ms
Remote clock offset: -21.27 ms

# Below is generated by plot.py at 2017-11-30 23:44:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.87 Mbit/s
95th percentile per-packet one-way delay: 48.473 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 24.59 Mbit/s
95th percentile per-packet one-way delay: 47.993 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 24.43 Mbit/s
95th percentile per-packet one-way delay: 48.113 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 24.25 Mbit/s
95th percentile per-packet one-way delay: 49.498 ms
Loss rate: 0.33%
```

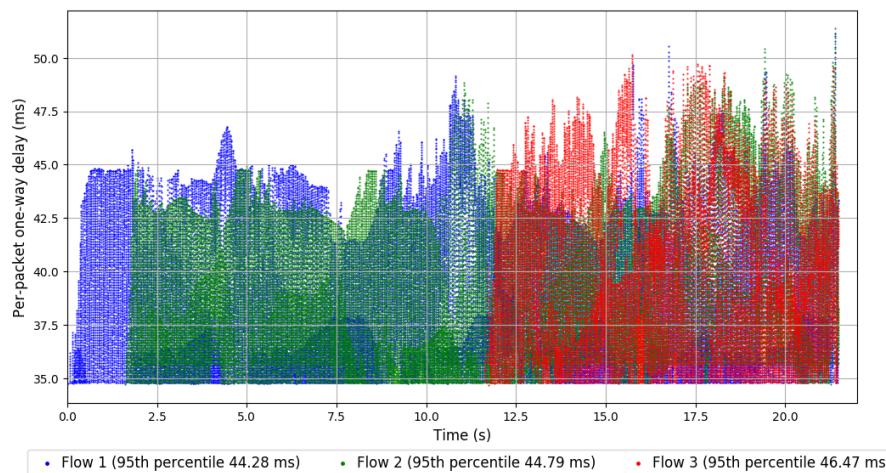
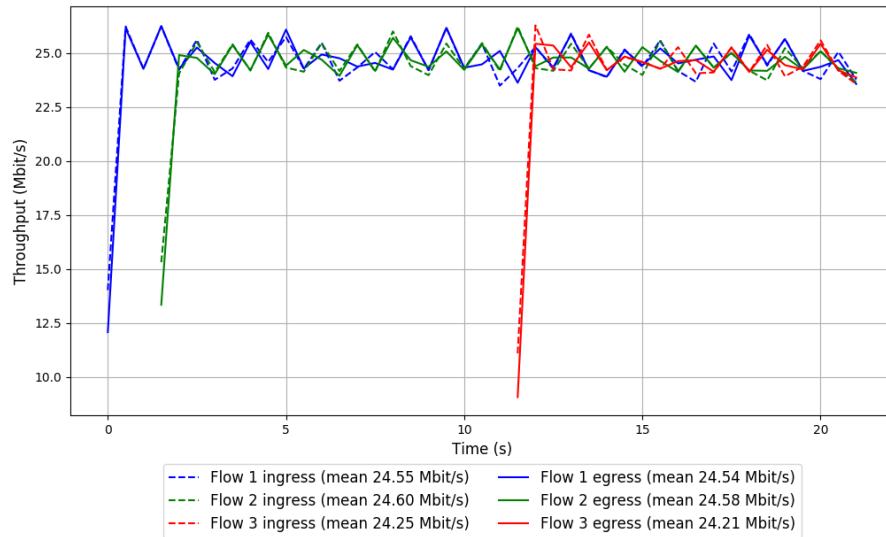
Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2017-11-30 20:39:54
End at: 2017-11-30 20:40:24
Local clock offset: 4.861 ms
Remote clock offset: -18.072 ms

Run 10: Report of Sprout — Data Link

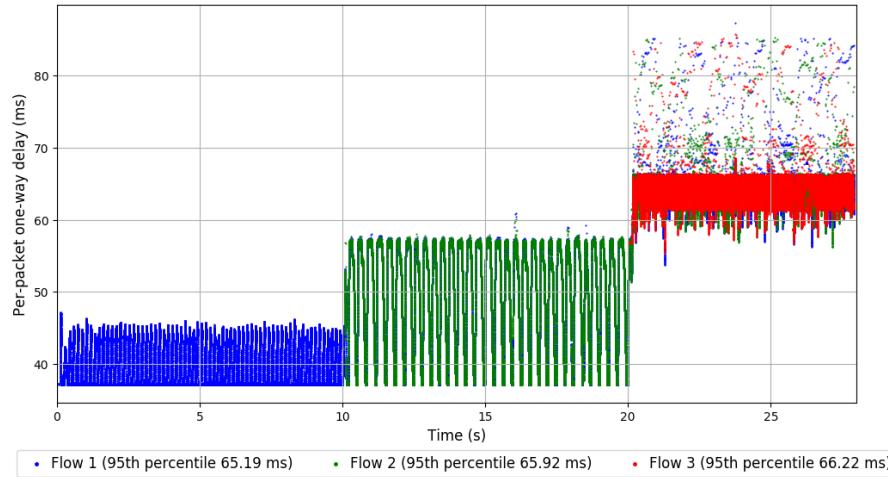
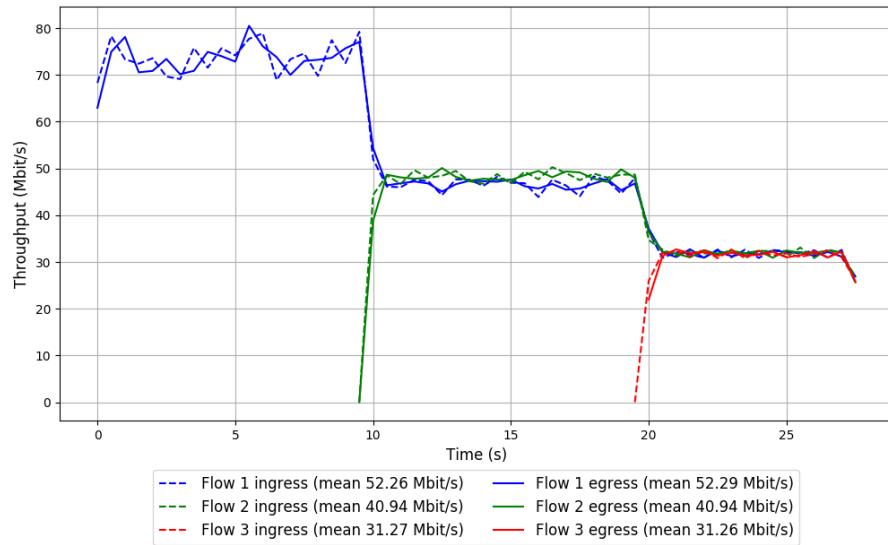


Run 1: Statistics of TaoVA-100x

```
Start at: 2017-11-30 18:06:42
End at: 2017-11-30 18:07:12
Local clock offset: 6.996 ms
Remote clock offset: -20.691 ms

# Below is generated by plot.py at 2017-11-30 23:45:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.42 Mbit/s
95th percentile per-packet one-way delay: 65.850 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 52.29 Mbit/s
95th percentile per-packet one-way delay: 65.187 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 40.94 Mbit/s
95th percentile per-packet one-way delay: 65.923 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 31.26 Mbit/s
95th percentile per-packet one-way delay: 66.225 ms
Loss rate: 0.85%
```

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

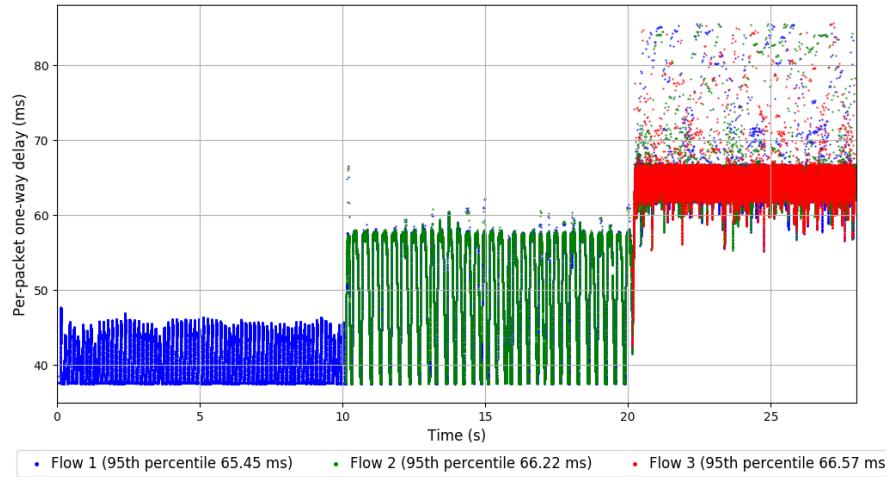
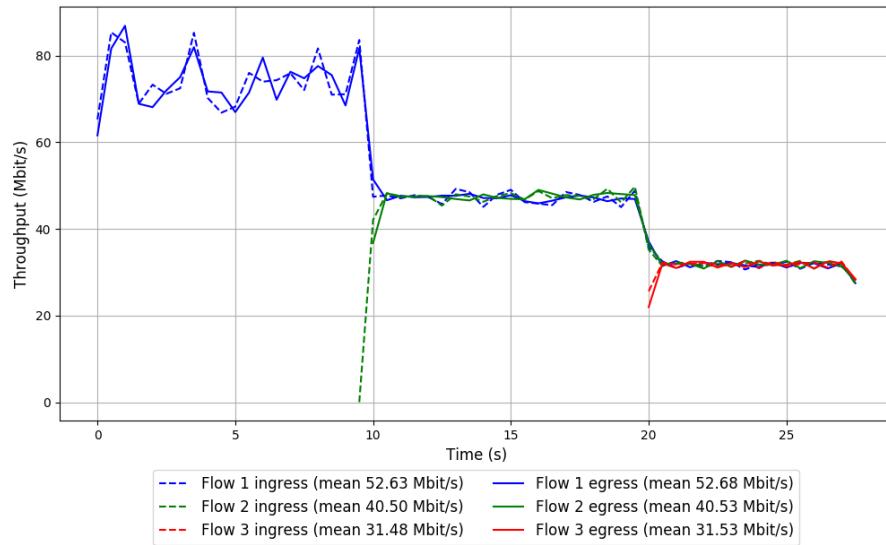


Run 2: Statistics of TaoVA-100x

```
Start at: 2017-11-30 18:24:17
End at: 2017-11-30 18:24:47
Local clock offset: 6.422 ms
Remote clock offset: -21.452 ms

# Below is generated by plot.py at 2017-11-30 23:45:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.57 Mbit/s
95th percentile per-packet one-way delay: 66.125 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 52.68 Mbit/s
95th percentile per-packet one-way delay: 65.453 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 40.53 Mbit/s
95th percentile per-packet one-way delay: 66.215 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 31.53 Mbit/s
95th percentile per-packet one-way delay: 66.571 ms
Loss rate: 0.73%
```

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

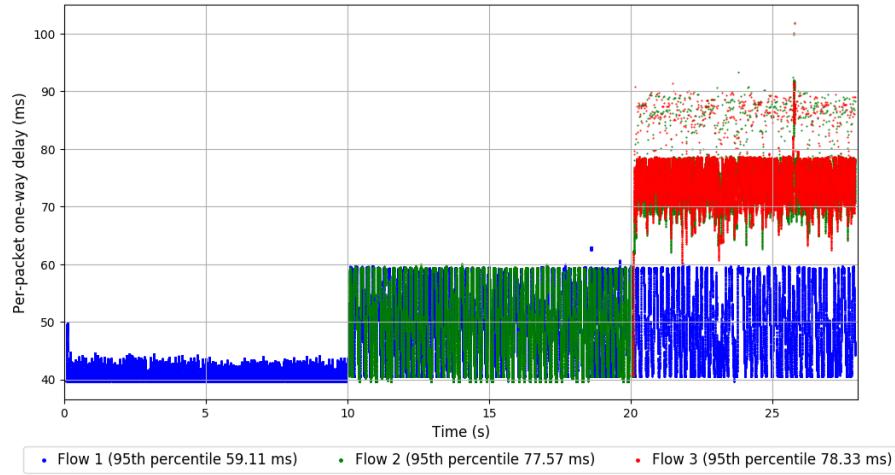
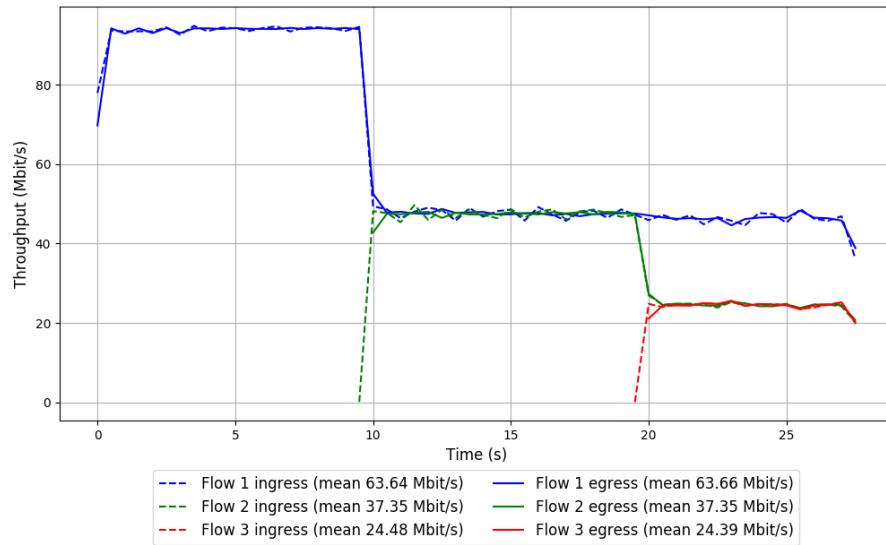


Run 3: Statistics of TaoVA-100x

```
Start at: 2017-11-30 18:41:39
End at: 2017-11-30 18:42:09
Local clock offset: 8.126 ms
Remote clock offset: -21.945 ms

# Below is generated by plot.py at 2017-11-30 23:46:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.57 Mbit/s
95th percentile per-packet one-way delay: 75.864 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 63.66 Mbit/s
95th percentile per-packet one-way delay: 59.110 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 37.35 Mbit/s
95th percentile per-packet one-way delay: 77.574 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 24.39 Mbit/s
95th percentile per-packet one-way delay: 78.328 ms
Loss rate: 0.93%
```

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

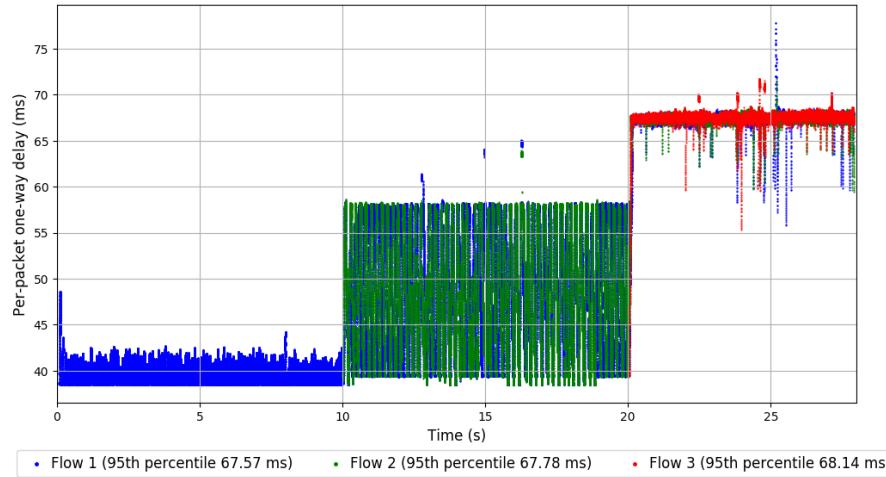
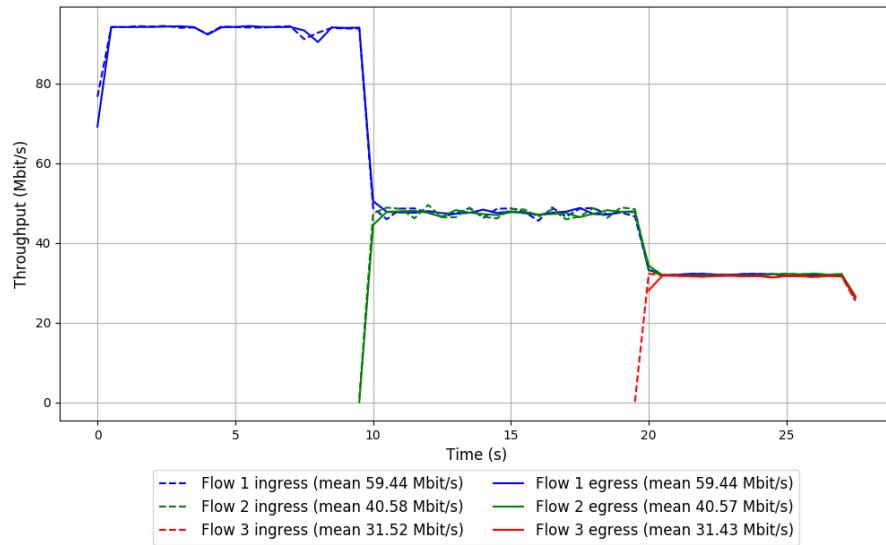


Run 4: Statistics of TaoVA-100x

```
Start at: 2017-11-30 18:58:56
End at: 2017-11-30 18:59:26
Local clock offset: 7.128 ms
Remote clock offset: -22.14 ms

# Below is generated by plot.py at 2017-11-30 23:46:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.45 Mbit/s
95th percentile per-packet one-way delay: 67.798 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 59.44 Mbit/s
95th percentile per-packet one-way delay: 67.574 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 40.57 Mbit/s
95th percentile per-packet one-way delay: 67.784 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 31.43 Mbit/s
95th percentile per-packet one-way delay: 68.142 ms
Loss rate: 0.69%
```

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

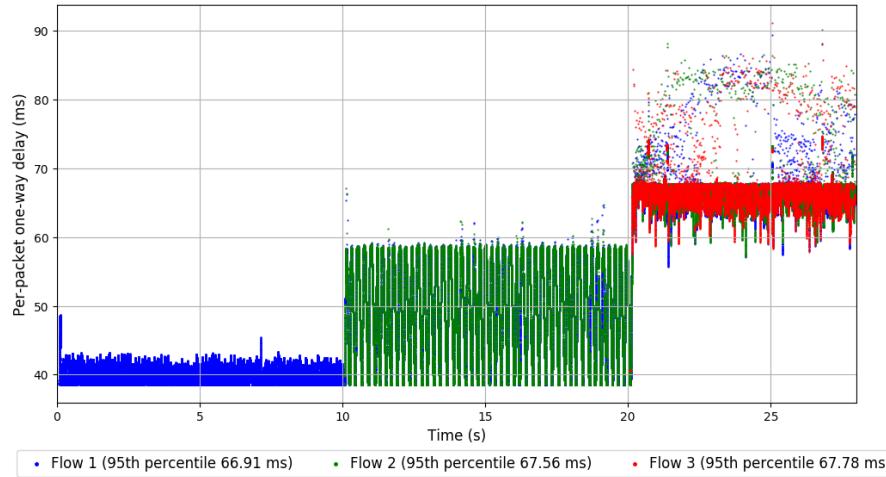
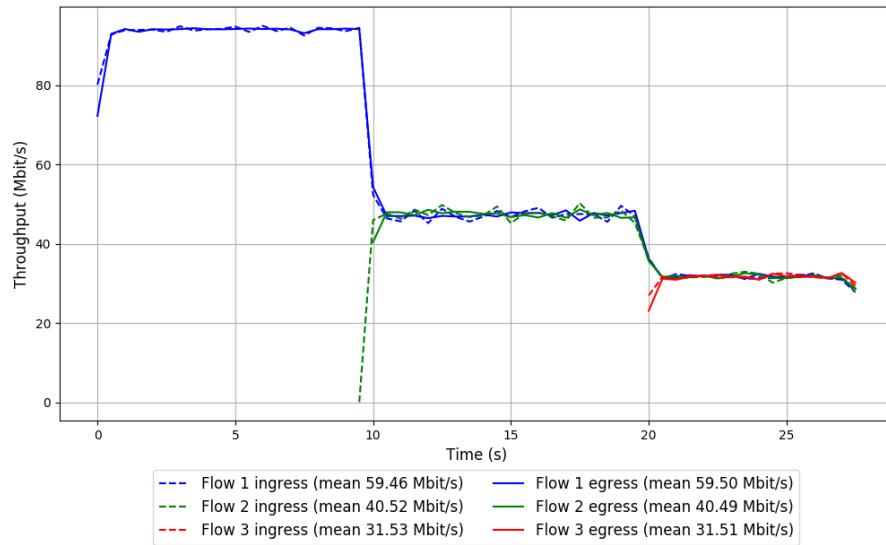


Run 5: Statistics of TaoVA-100x

```
Start at: 2017-11-30 19:16:03
End at: 2017-11-30 19:16:33
Local clock offset: 8.188 ms
Remote clock offset: -21.522 ms

# Below is generated by plot.py at 2017-11-30 23:46:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.39 Mbit/s
95th percentile per-packet one-way delay: 67.459 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 59.50 Mbit/s
95th percentile per-packet one-way delay: 66.908 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 40.49 Mbit/s
95th percentile per-packet one-way delay: 67.561 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 31.51 Mbit/s
95th percentile per-packet one-way delay: 67.784 ms
Loss rate: 0.69%
```

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

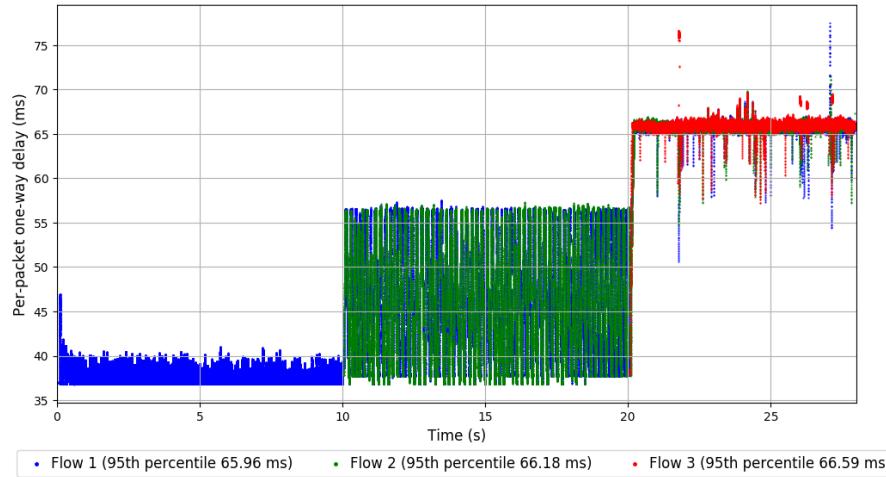
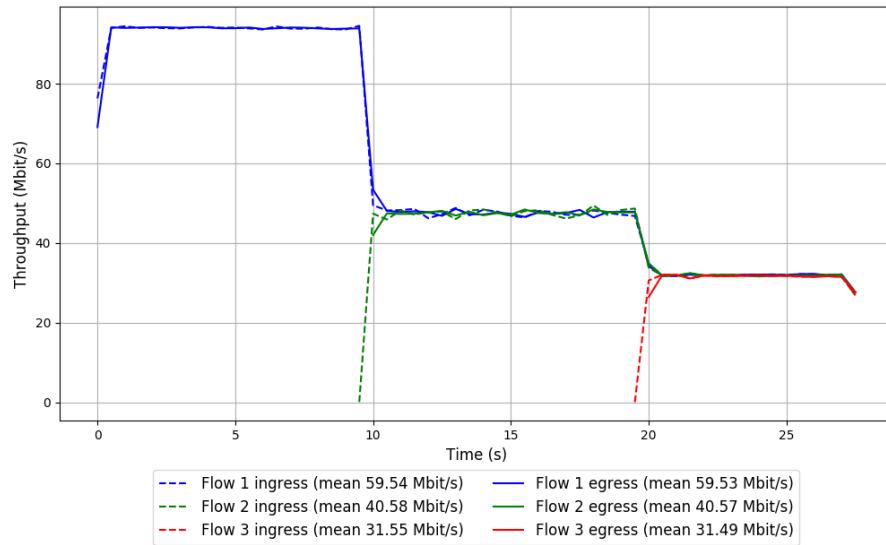


Run 6: Statistics of TaoVA-100x

```
Start at: 2017-11-30 19:33:03
End at: 2017-11-30 19:33:33
Local clock offset: 7.921 ms
Remote clock offset: -21.86 ms

# Below is generated by plot.py at 2017-11-30 23:46:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.52 Mbit/s
95th percentile per-packet one-way delay: 66.187 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 59.53 Mbit/s
95th percentile per-packet one-way delay: 65.958 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 40.57 Mbit/s
95th percentile per-packet one-way delay: 66.182 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 31.49 Mbit/s
95th percentile per-packet one-way delay: 66.593 ms
Loss rate: 0.68%
```

Run 6: Report of TaoVA-100x — Data Link

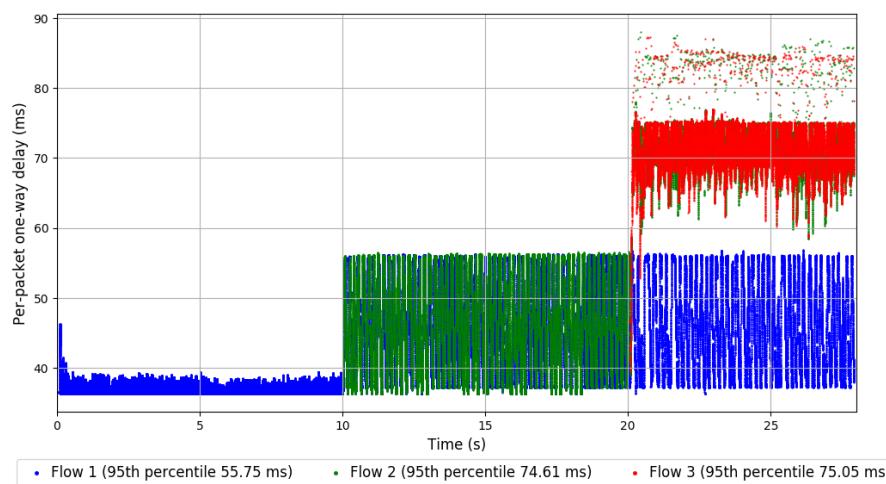
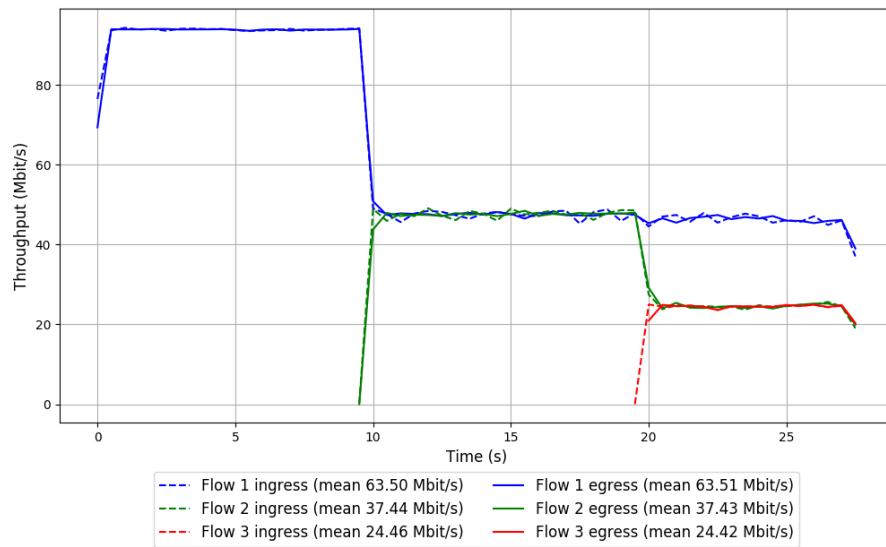


Run 7: Statistics of TaoVA-100x

```
Start at: 2017-11-30 19:50:30
End at: 2017-11-30 19:51:00
Local clock offset: 5.943 ms
Remote clock offset: -21.537 ms

# Below is generated by plot.py at 2017-11-30 23:46:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.48 Mbit/s
95th percentile per-packet one-way delay: 73.058 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 63.51 Mbit/s
95th percentile per-packet one-way delay: 55.753 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 37.43 Mbit/s
95th percentile per-packet one-way delay: 74.611 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 24.42 Mbit/s
95th percentile per-packet one-way delay: 75.046 ms
Loss rate: 0.78%
```

Run 7: Report of TaoVA-100x — Data Link

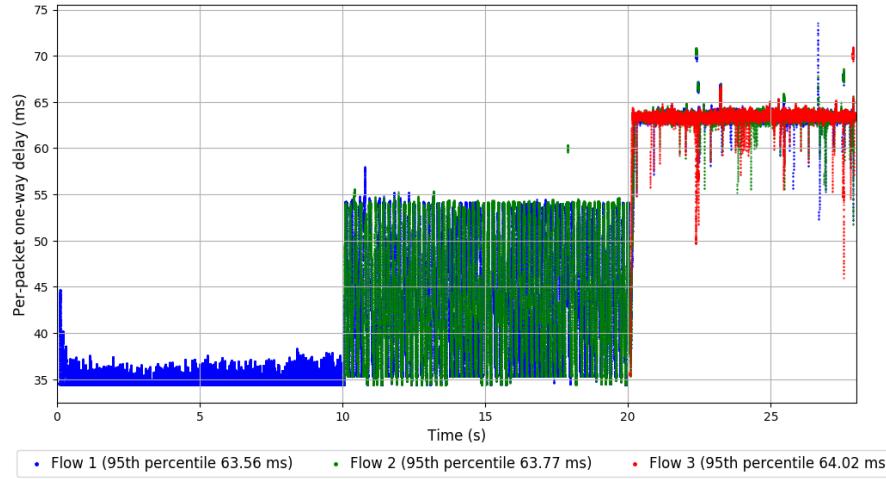
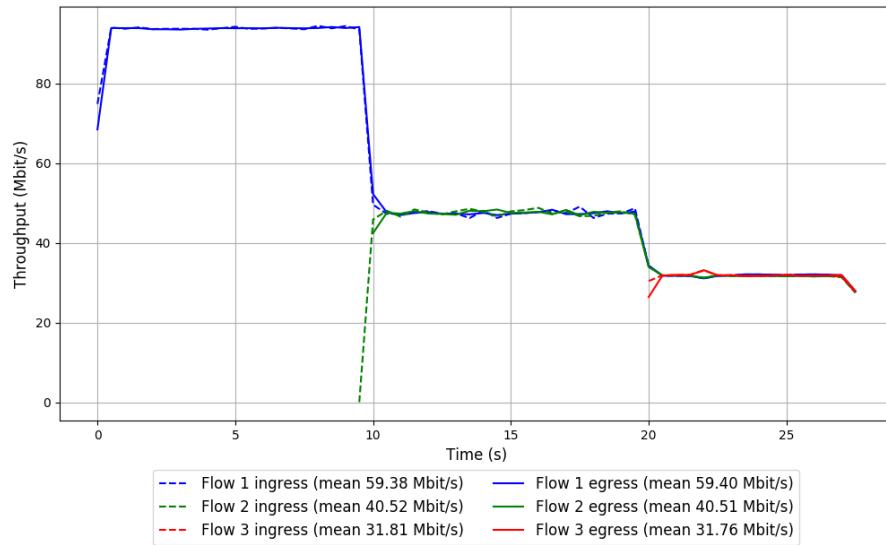


Run 8: Statistics of TaoVA-100x

```
Start at: 2017-11-30 20:07:58
End at: 2017-11-30 20:08:28
Local clock offset: 3.488 ms
Remote clock offset: -20.722 ms

# Below is generated by plot.py at 2017-11-30 23:46:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.42 Mbit/s
95th percentile per-packet one-way delay: 63.742 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 59.40 Mbit/s
95th percentile per-packet one-way delay: 63.560 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 40.51 Mbit/s
95th percentile per-packet one-way delay: 63.768 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 31.76 Mbit/s
95th percentile per-packet one-way delay: 64.018 ms
Loss rate: 0.67%
```

Run 8: Report of TaoVA-100x — Data Link

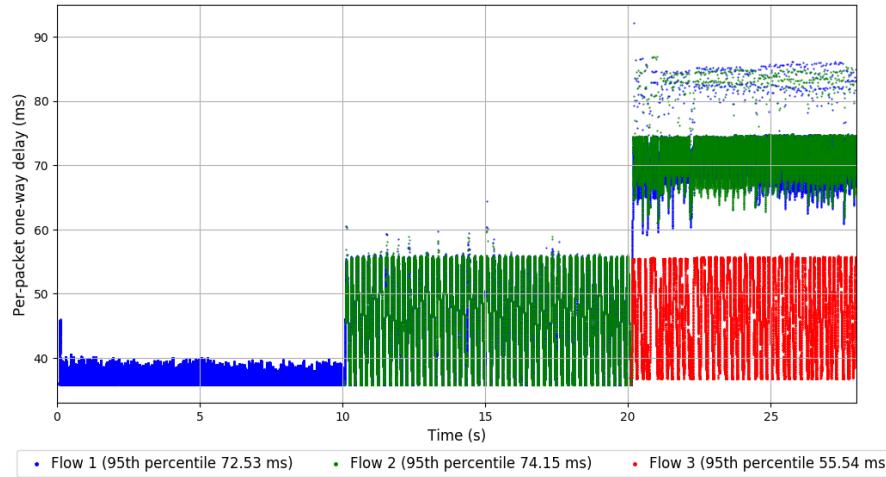
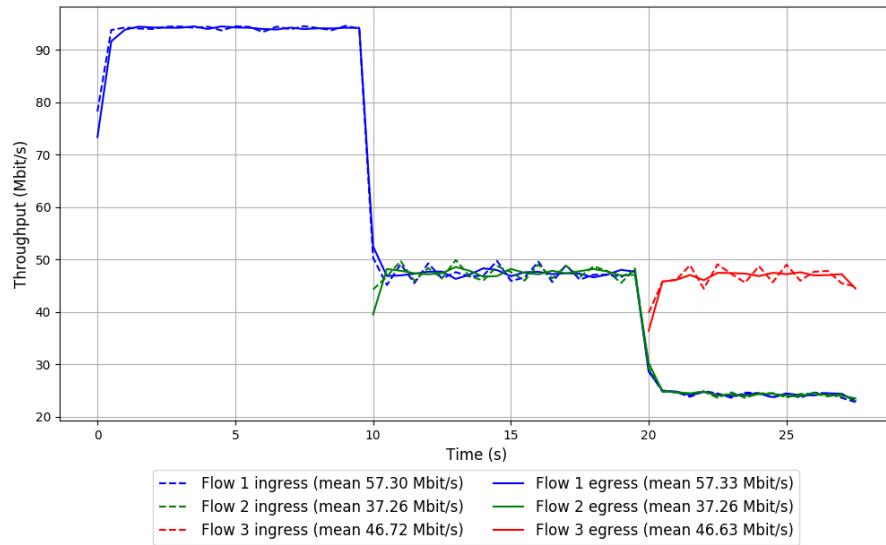


Run 9: Statistics of TaoVA-100x

```
Start at: 2017-11-30 20:25:21
End at: 2017-11-30 20:25:51
Local clock offset: 4.66 ms
Remote clock offset: -19.726 ms

# Below is generated by plot.py at 2017-11-30 23:48:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.44 Mbit/s
95th percentile per-packet one-way delay: 73.137 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 57.33 Mbit/s
95th percentile per-packet one-way delay: 72.526 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 37.26 Mbit/s
95th percentile per-packet one-way delay: 74.147 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 46.63 Mbit/s
95th percentile per-packet one-way delay: 55.537 ms
Loss rate: 0.52%
```

Run 9: Report of TaoVA-100x — Data Link

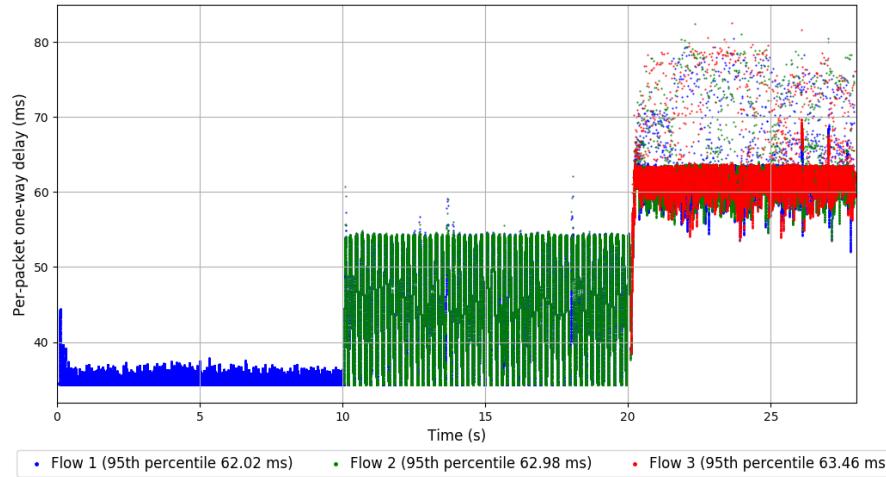
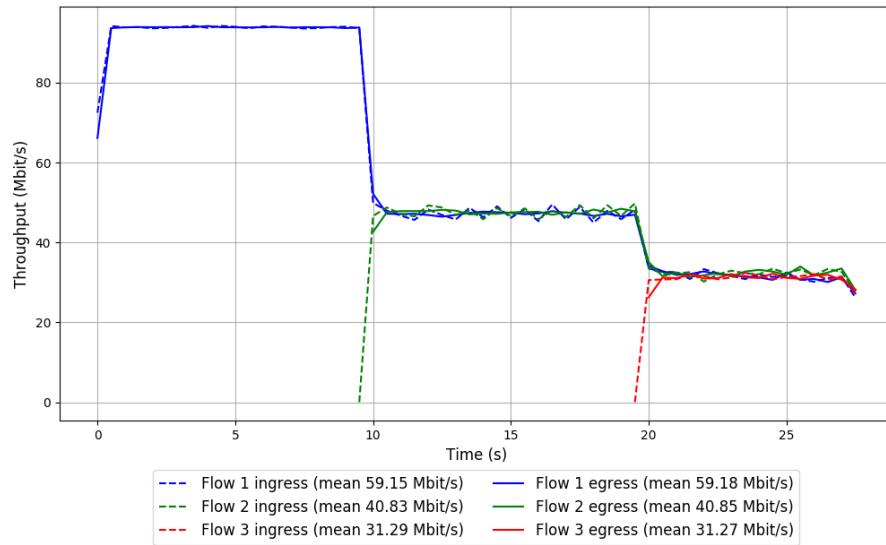


Run 10: Statistics of TaoVA-100x

```
Start at: 2017-11-30 20:42:11
End at: 2017-11-30 20:42:41
Local clock offset: 3.6 ms
Remote clock offset: -18.752 ms

# Below is generated by plot.py at 2017-11-30 23:48:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.24 Mbit/s
95th percentile per-packet one-way delay: 62.801 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 59.18 Mbit/s
95th percentile per-packet one-way delay: 62.024 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 40.85 Mbit/s
95th percentile per-packet one-way delay: 62.983 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 31.27 Mbit/s
95th percentile per-packet one-way delay: 63.456 ms
Loss rate: 0.66%
```

Run 10: Report of TaoVA-100x — Data Link

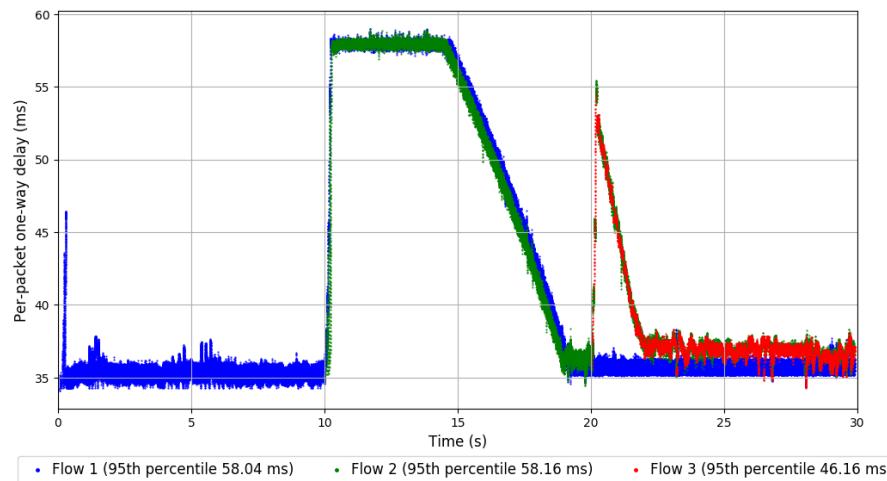
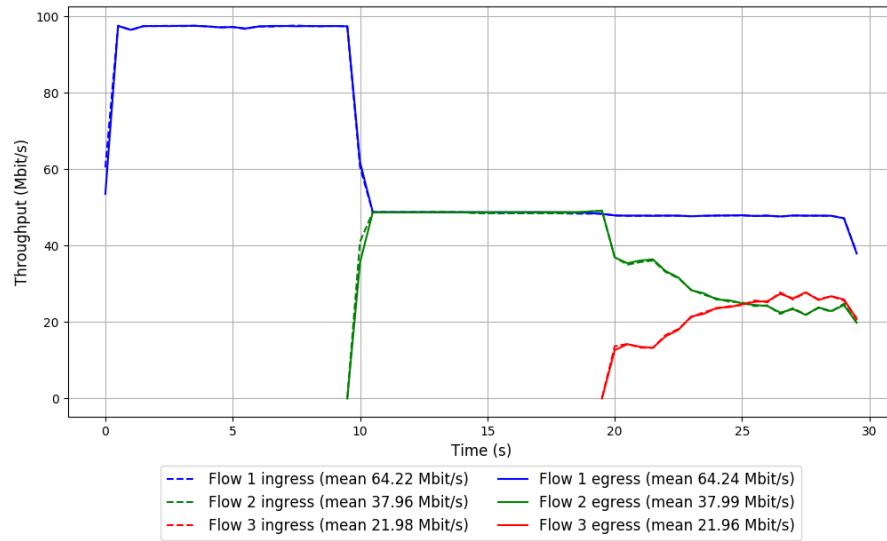


Run 1: Statistics of TCP Vegas

```
Start at: 2017-11-30 18:05:28
End at: 2017-11-30 18:05:58
Local clock offset: 3.549 ms
Remote clock offset: -21.294 ms

# Below is generated by plot.py at 2017-11-30 23:48:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 58.084 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 64.24 Mbit/s
95th percentile per-packet one-way delay: 58.036 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 37.99 Mbit/s
95th percentile per-packet one-way delay: 58.165 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 21.96 Mbit/s
95th percentile per-packet one-way delay: 46.157 ms
Loss rate: 0.46%
```

Run 1: Report of TCP Vegas — Data Link

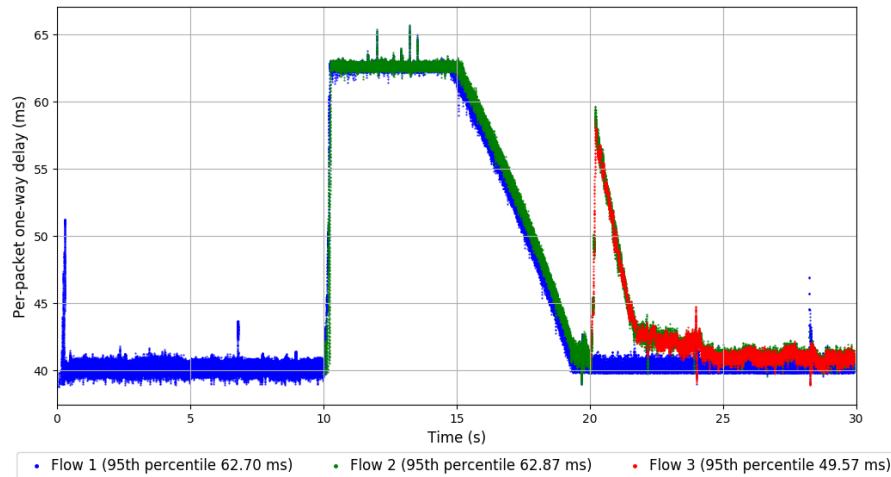
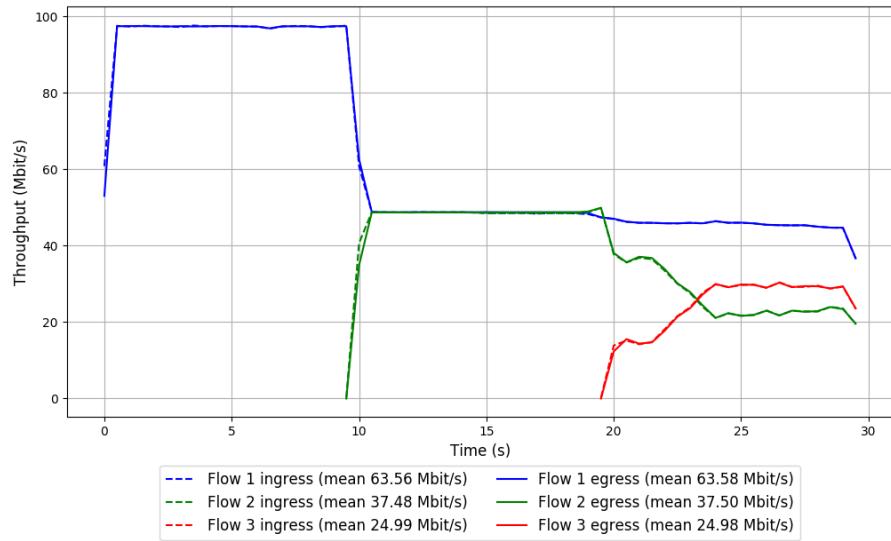


Run 2: Statistics of TCP Vegas

```
Start at: 2017-11-30 18:23:00
End at: 2017-11-30 18:23:30
Local clock offset: 6.343 ms
Remote clock offset: -22.886 ms

# Below is generated by plot.py at 2017-11-30 23:48:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.88 Mbit/s
95th percentile per-packet one-way delay: 62.776 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 63.58 Mbit/s
95th percentile per-packet one-way delay: 62.700 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 37.50 Mbit/s
95th percentile per-packet one-way delay: 62.868 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 24.98 Mbit/s
95th percentile per-packet one-way delay: 49.573 ms
Loss rate: 0.46%
```

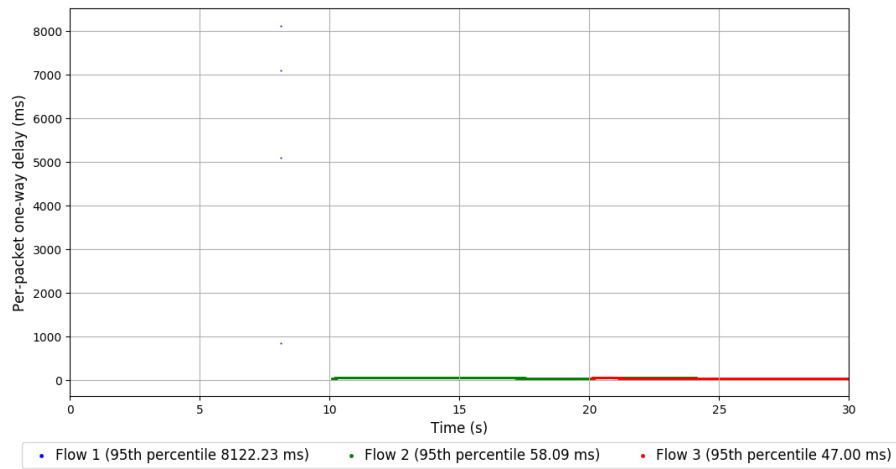
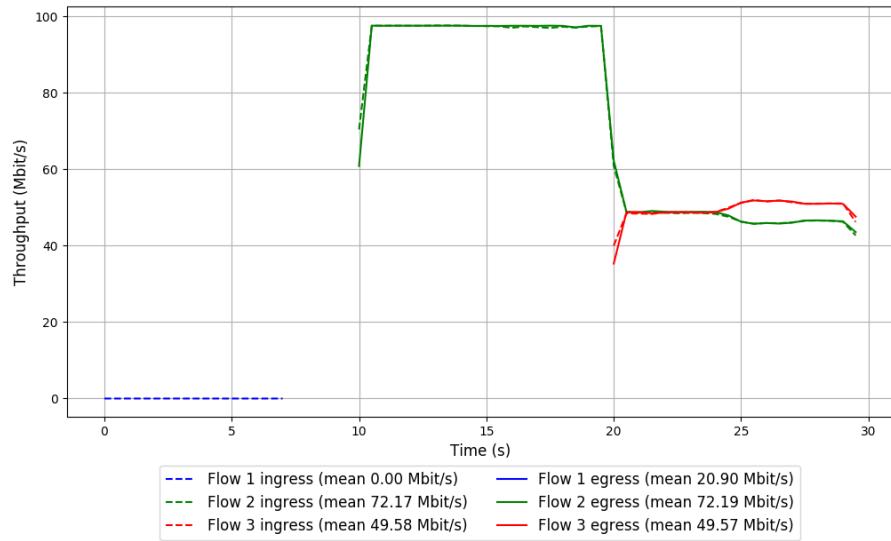
Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2017-11-30 18:40:28
End at: 2017-11-30 18:40:58
Local clock offset: 6.348 ms
Remote clock offset: -21.308 ms

Run 3: Report of TCP Vegas — Data Link

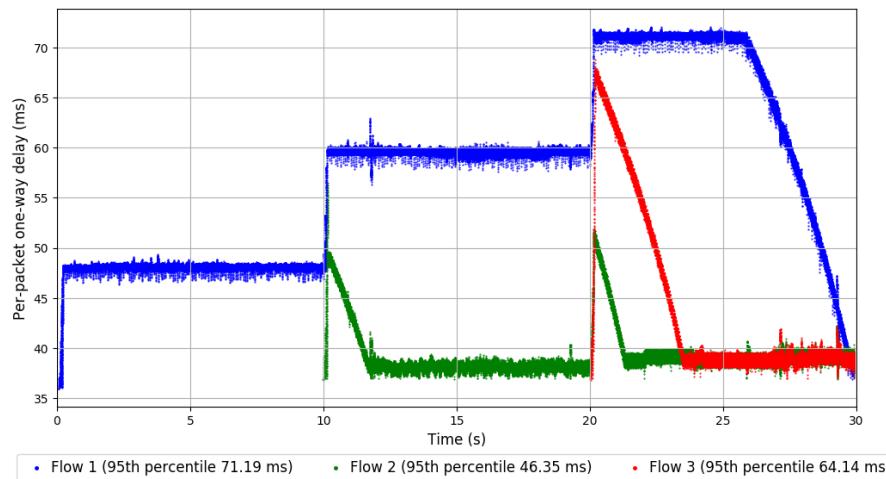
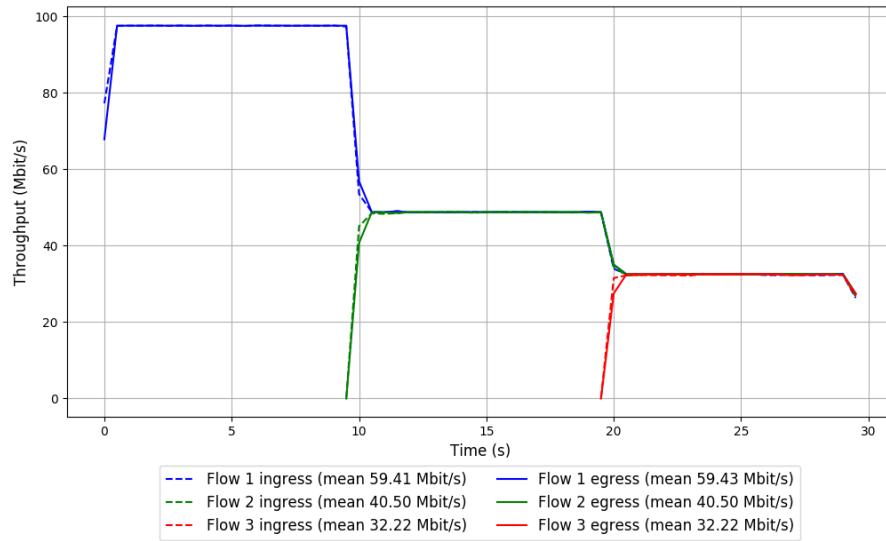


Run 4: Statistics of TCP Vegas

```
Start at: 2017-11-30 18:57:42
End at: 2017-11-30 18:58:12
Local clock offset: 5.669 ms
Remote clock offset: -21.084 ms

# Below is generated by plot.py at 2017-11-30 23:48:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.14 Mbit/s
95th percentile per-packet one-way delay: 71.012 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 59.43 Mbit/s
95th percentile per-packet one-way delay: 71.186 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 40.50 Mbit/s
95th percentile per-packet one-way delay: 46.353 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 32.22 Mbit/s
95th percentile per-packet one-way delay: 64.137 ms
Loss rate: 0.28%
```

Run 4: Report of TCP Vegas — Data Link

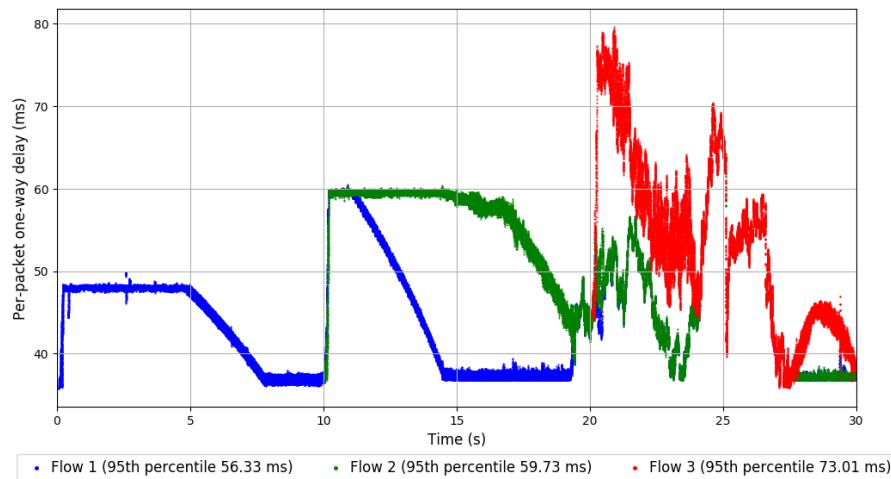
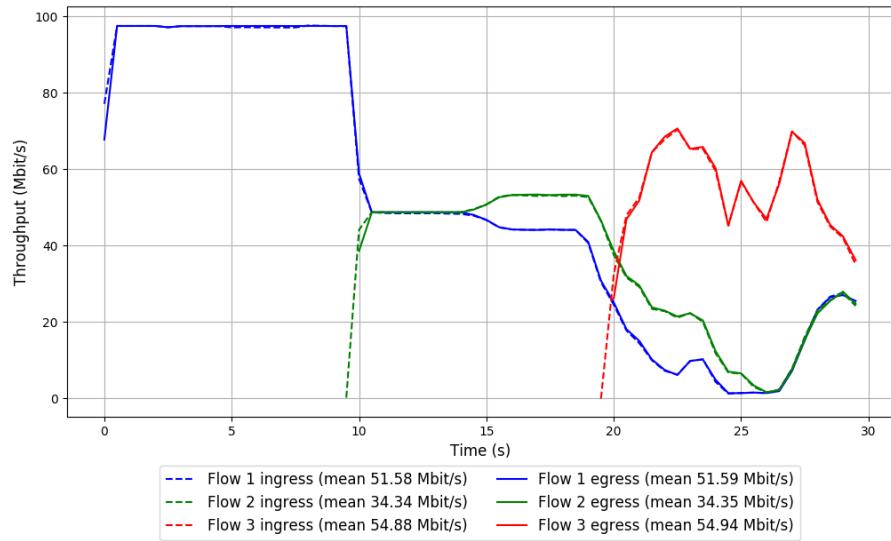


Run 5: Statistics of TCP Vegas

```
Start at: 2017-11-30 19:14:52
End at: 2017-11-30 19:15:22
Local clock offset: 4.622 ms
Remote clock offset: -22.383 ms

# Below is generated by plot.py at 2017-11-30 23:48:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.71 Mbit/s
95th percentile per-packet one-way delay: 59.836 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 51.59 Mbit/s
95th percentile per-packet one-way delay: 56.329 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 34.35 Mbit/s
95th percentile per-packet one-way delay: 59.725 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 54.94 Mbit/s
95th percentile per-packet one-way delay: 73.008 ms
Loss rate: 0.21%
```

Run 5: Report of TCP Vegas — Data Link

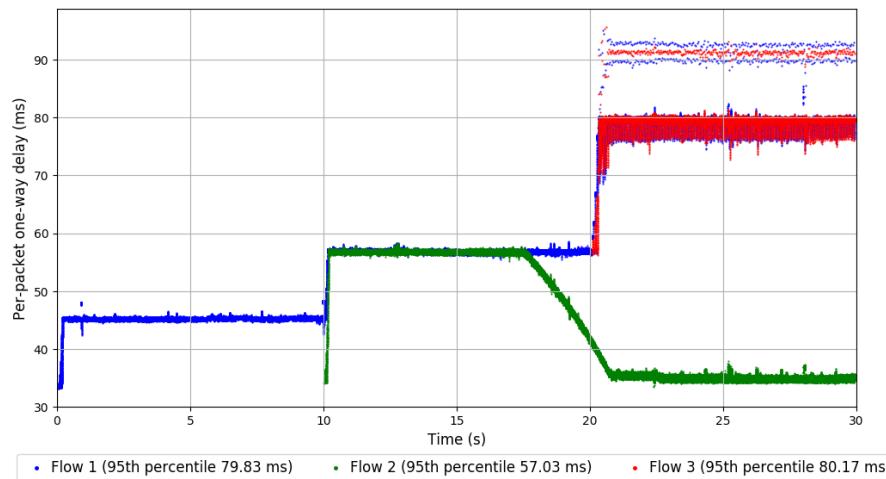
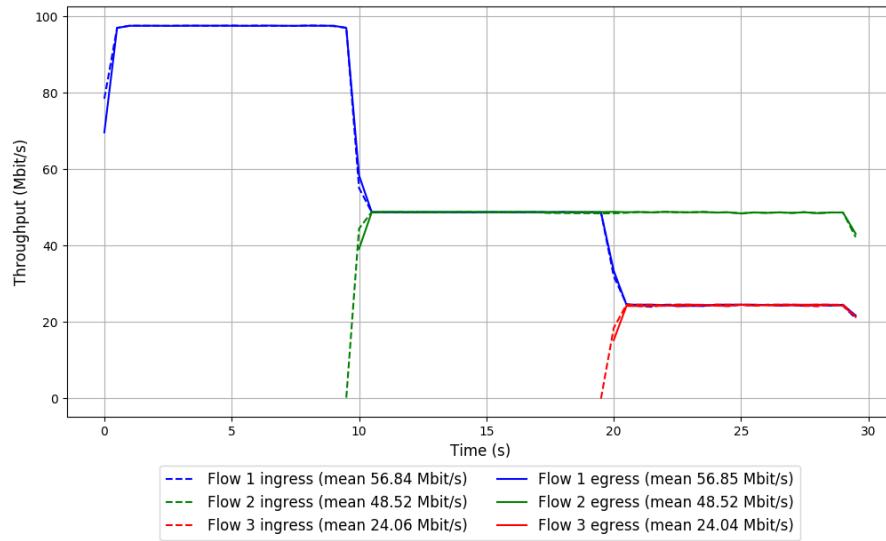


Run 6: Statistics of TCP Vegas

```
Start at: 2017-11-30 19:31:47
End at: 2017-11-30 19:32:17
Local clock offset: 5.929 ms
Remote clock offset: -20.216 ms

# Below is generated by plot.py at 2017-11-30 23:48:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.14 Mbit/s
95th percentile per-packet one-way delay: 79.870 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 56.85 Mbit/s
95th percentile per-packet one-way delay: 79.831 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 48.52 Mbit/s
95th percentile per-packet one-way delay: 57.033 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 24.04 Mbit/s
95th percentile per-packet one-way delay: 80.168 ms
Loss rate: 0.74%
```

Run 6: Report of TCP Vegas — Data Link

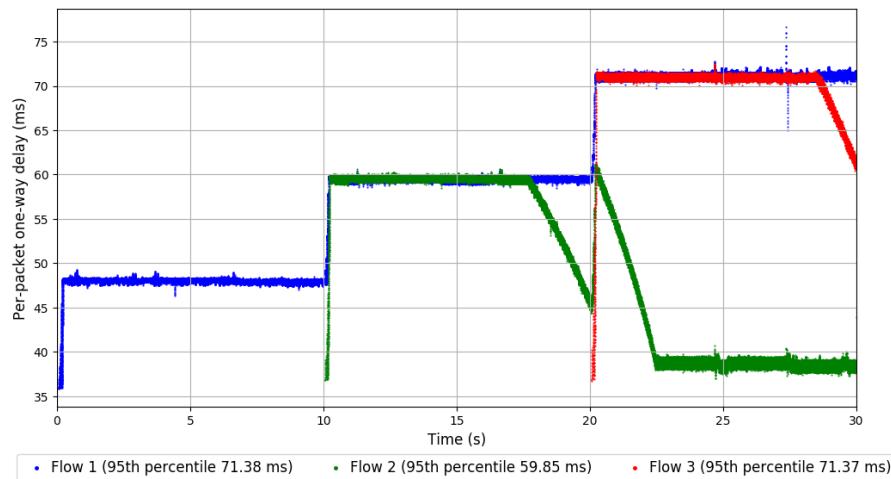
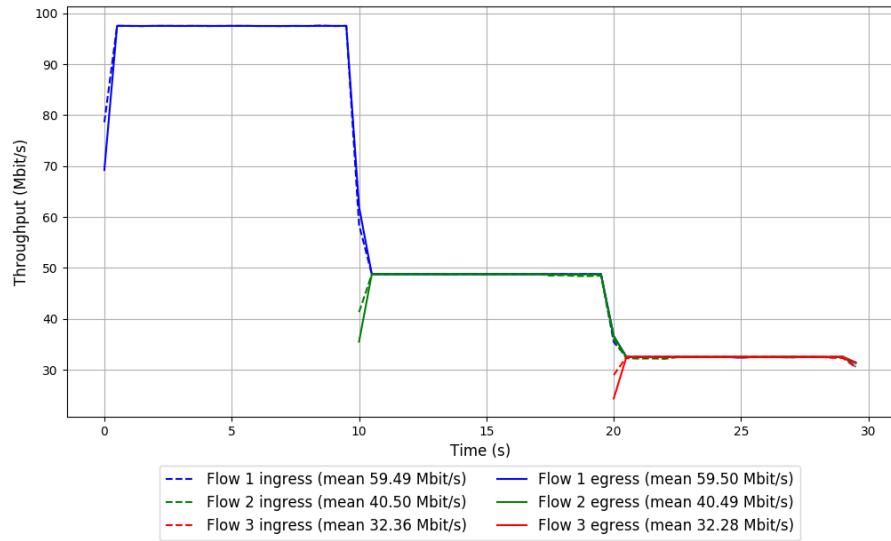


Run 7: Statistics of TCP Vegas

```
Start at: 2017-11-30 19:49:18
End at: 2017-11-30 19:49:48
Local clock offset: 5.726 ms
Remote clock offset: -21.493 ms

# Below is generated by plot.py at 2017-11-30 23:48:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.15 Mbit/s
95th percentile per-packet one-way delay: 71.310 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 59.50 Mbit/s
95th percentile per-packet one-way delay: 71.378 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.49 Mbit/s
95th percentile per-packet one-way delay: 59.847 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 32.28 Mbit/s
95th percentile per-packet one-way delay: 71.366 ms
Loss rate: 0.50%
```

Run 7: Report of TCP Vegas — Data Link

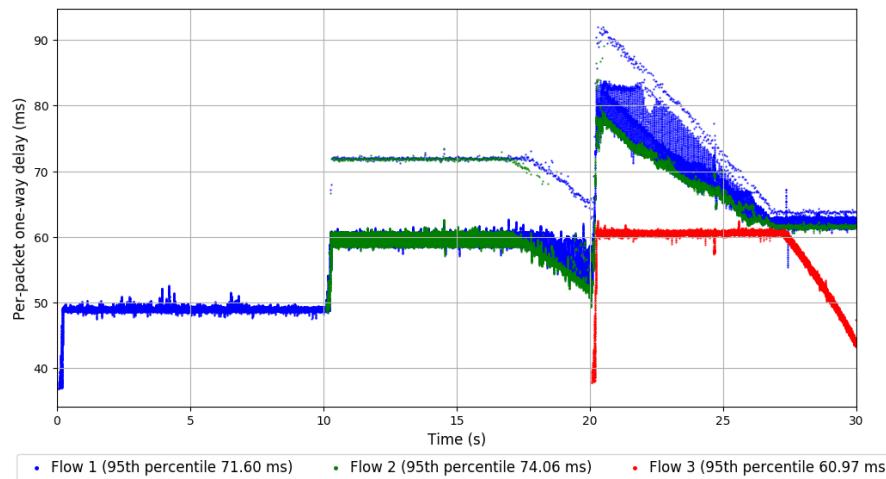
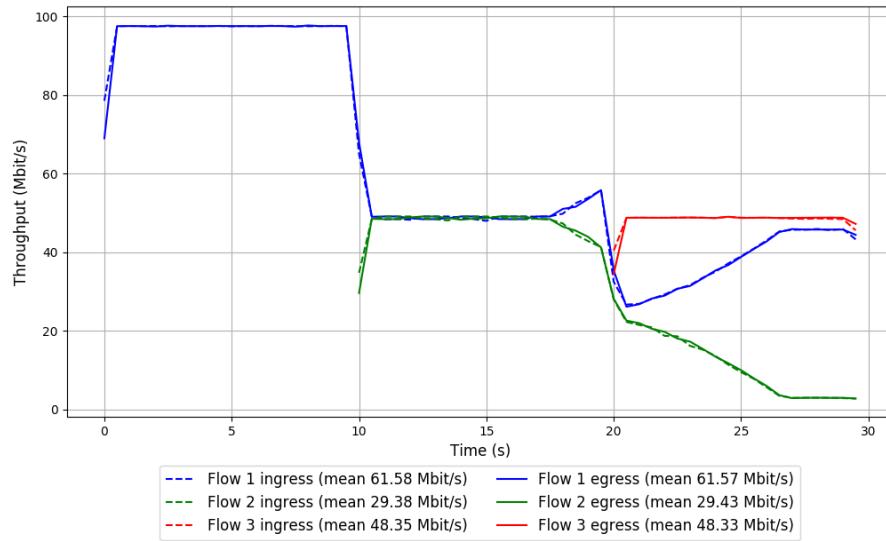


Run 8: Statistics of TCP Vegas

```
Start at: 2017-11-30 20:06:42
End at: 2017-11-30 20:07:12
Local clock offset: 6.057 ms
Remote clock offset: -20.89 ms

# Below is generated by plot.py at 2017-11-30 23:49:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.15 Mbit/s
95th percentile per-packet one-way delay: 71.549 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 61.57 Mbit/s
95th percentile per-packet one-way delay: 71.597 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 29.43 Mbit/s
95th percentile per-packet one-way delay: 74.060 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 48.33 Mbit/s
95th percentile per-packet one-way delay: 60.970 ms
Loss rate: 0.31%
```

Run 8: Report of TCP Vegas — Data Link

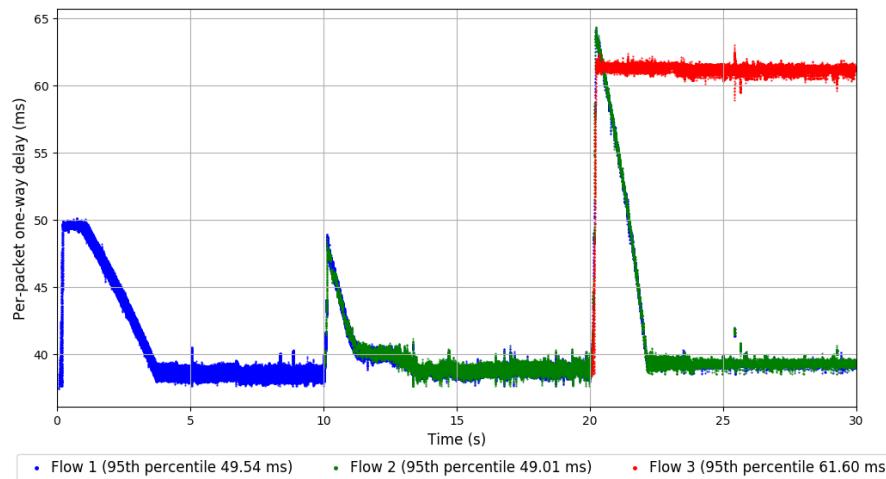
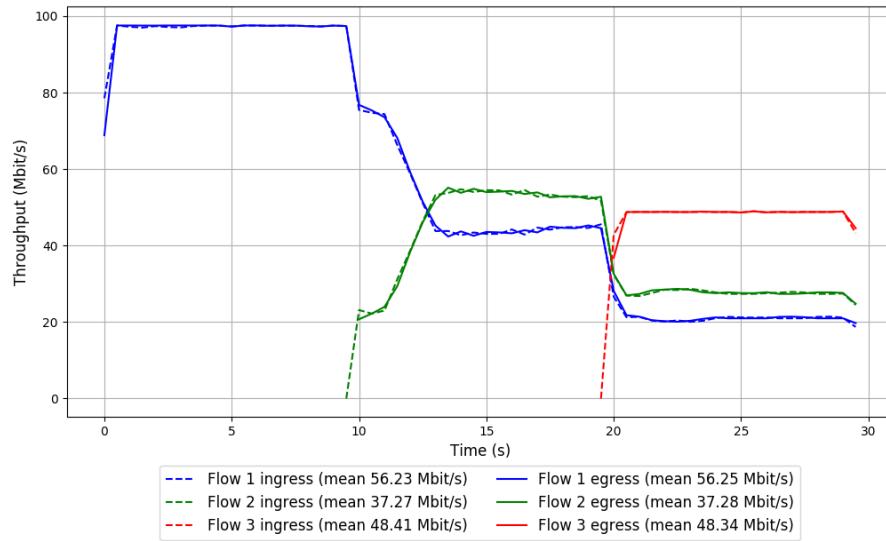


Run 9: Statistics of TCP Vegas

```
Start at: 2017-11-30 20:24:09
End at: 2017-11-30 20:24:39
Local clock offset: 5.81 ms
Remote clock offset: -20.447 ms

# Below is generated by plot.py at 2017-11-30 23:49:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.13 Mbit/s
95th percentile per-packet one-way delay: 61.388 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 56.25 Mbit/s
95th percentile per-packet one-way delay: 49.536 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 37.28 Mbit/s
95th percentile per-packet one-way delay: 49.013 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 48.34 Mbit/s
95th percentile per-packet one-way delay: 61.603 ms
Loss rate: 0.48%
```

Run 9: Report of TCP Vegas — Data Link

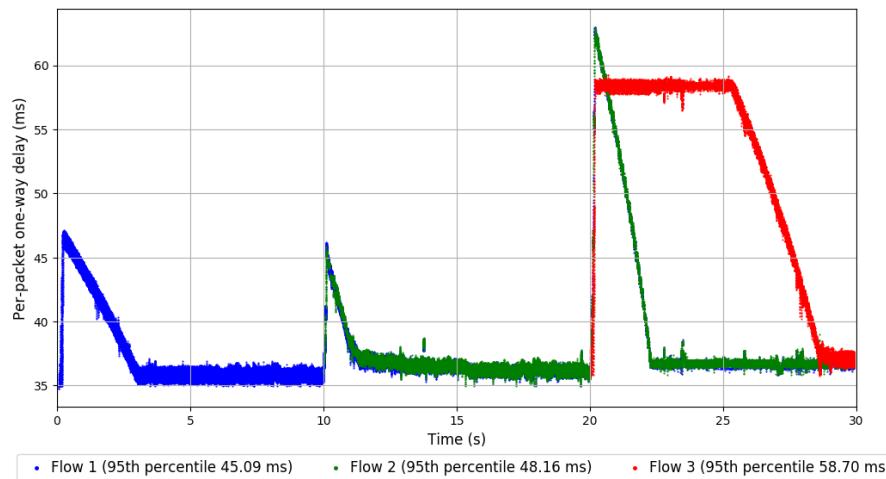
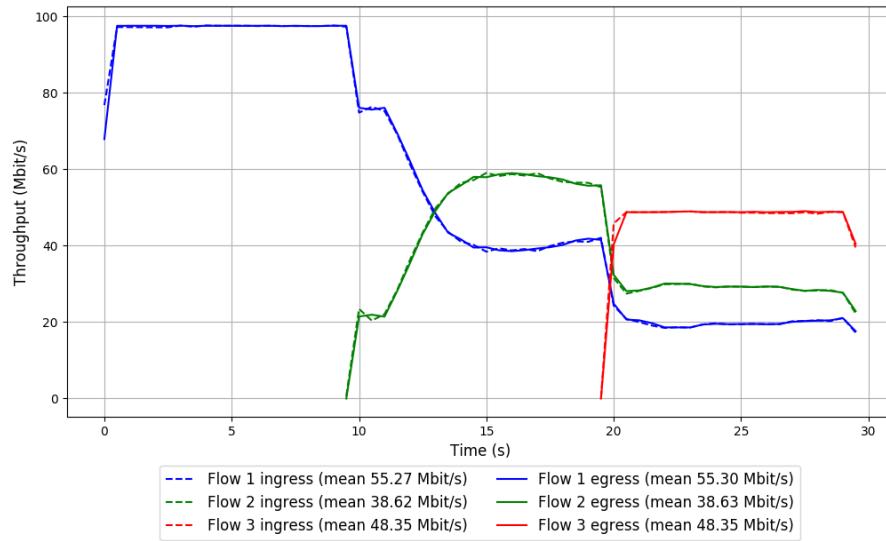


Run 10: Statistics of TCP Vegas

```
Start at: 2017-11-30 20:41:01
End at: 2017-11-30 20:41:31
Local clock offset: 4.966 ms
Remote clock offset: -16.916 ms

# Below is generated by plot.py at 2017-11-30 23:49:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.13 Mbit/s
95th percentile per-packet one-way delay: 58.425 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 55.30 Mbit/s
95th percentile per-packet one-way delay: 45.088 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 38.63 Mbit/s
95th percentile per-packet one-way delay: 48.155 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 48.35 Mbit/s
95th percentile per-packet one-way delay: 58.698 ms
Loss rate: 0.28%
```

Run 10: Report of TCP Vegas — Data Link

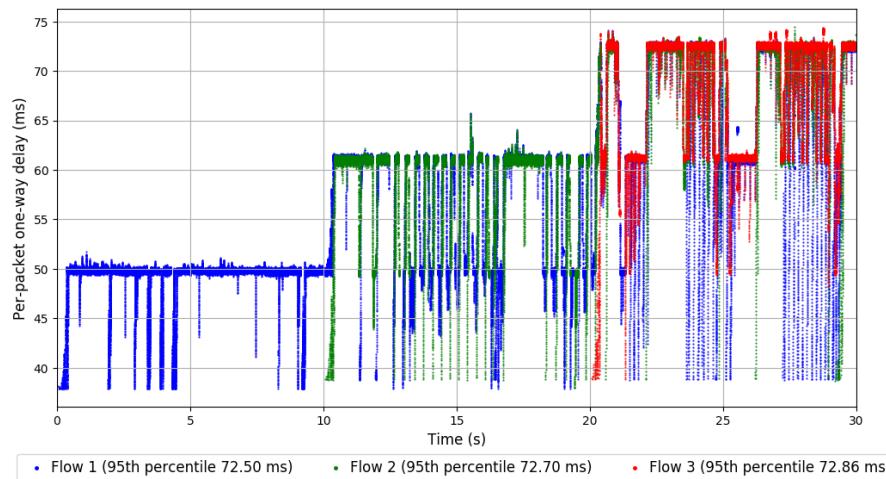
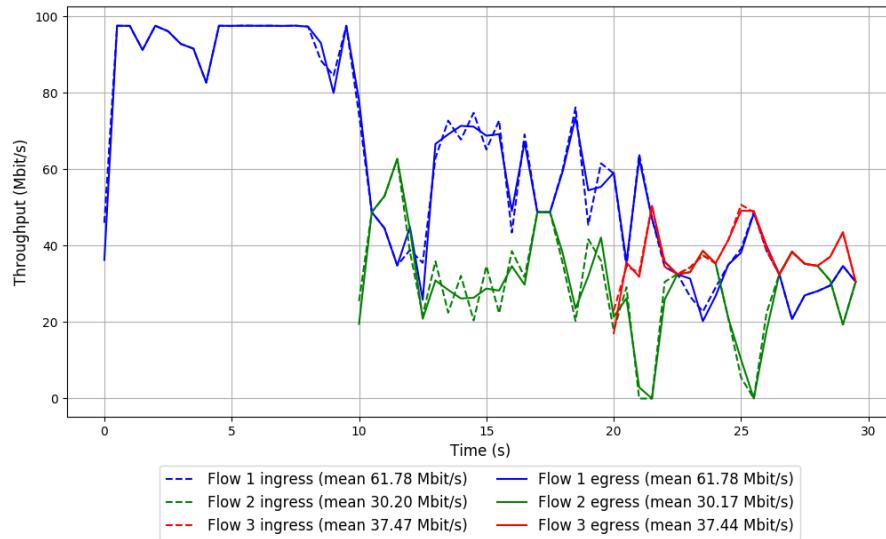


Run 1: Statistics of Verus

```
Start at: 2017-11-30 17:56:43
End at: 2017-11-30 17:57:13
Local clock offset: 6.912 ms
Remote clock offset: -21.256 ms

# Below is generated by plot.py at 2017-11-30 23:49:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.24 Mbit/s
95th percentile per-packet one-way delay: 72.708 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 61.78 Mbit/s
95th percentile per-packet one-way delay: 72.495 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 30.17 Mbit/s
95th percentile per-packet one-way delay: 72.698 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 37.44 Mbit/s
95th percentile per-packet one-way delay: 72.856 ms
Loss rate: 0.63%
```

Run 1: Report of Verus — Data Link

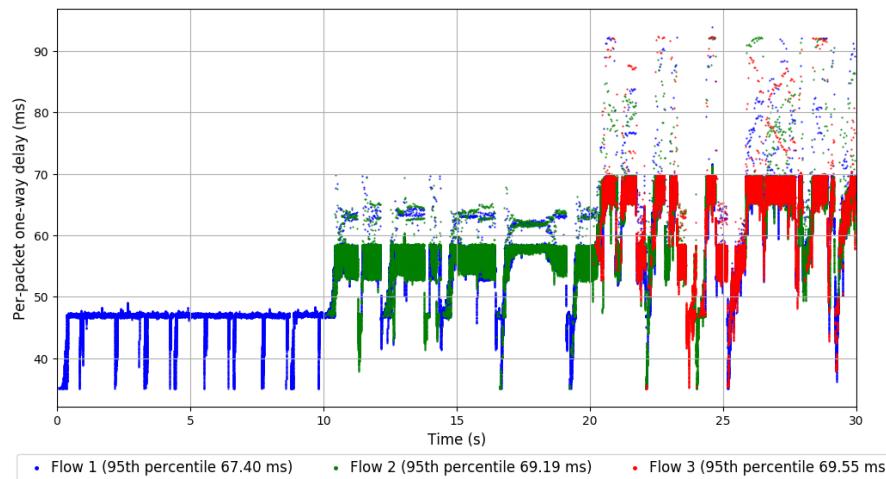
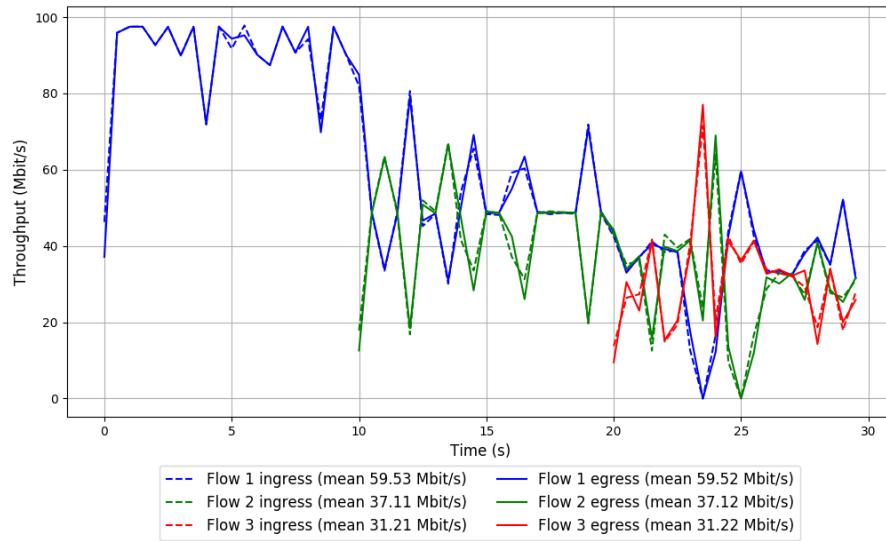


Run 2: Statistics of Verus

```
Start at: 2017-11-30 18:14:15
End at: 2017-11-30 18:14:45
Local clock offset: 4.795 ms
Remote clock offset: -20.679 ms

# Below is generated by plot.py at 2017-11-30 23:49:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.51 Mbit/s
95th percentile per-packet one-way delay: 68.901 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 59.52 Mbit/s
95th percentile per-packet one-way delay: 67.402 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 37.12 Mbit/s
95th percentile per-packet one-way delay: 69.185 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 31.22 Mbit/s
95th percentile per-packet one-way delay: 69.545 ms
Loss rate: 0.72%
```

Run 2: Report of Verus — Data Link

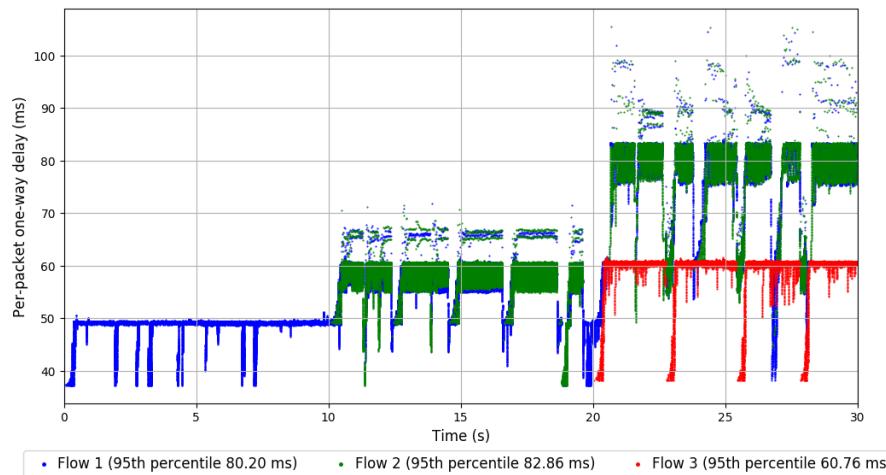
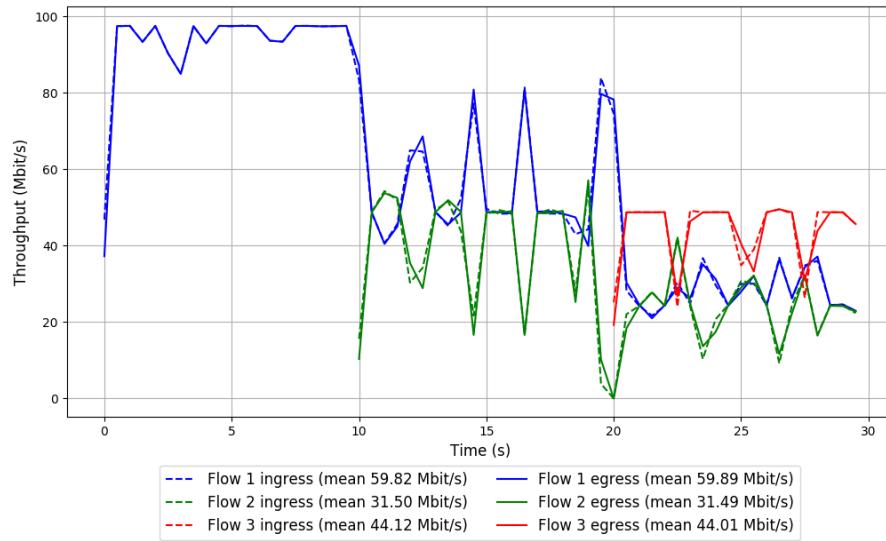


Run 3: Statistics of Verus

```
Start at: 2017-11-30 18:32:05
End at: 2017-11-30 18:32:35
Local clock offset: 6.467 ms
Remote clock offset: -21.262 ms

# Below is generated by plot.py at 2017-11-30 23:49:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.39 Mbit/s
95th percentile per-packet one-way delay: 81.134 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 59.89 Mbit/s
95th percentile per-packet one-way delay: 80.201 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 31.49 Mbit/s
95th percentile per-packet one-way delay: 82.855 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 44.01 Mbit/s
95th percentile per-packet one-way delay: 60.761 ms
Loss rate: 0.67%
```

Run 3: Report of Verus — Data Link

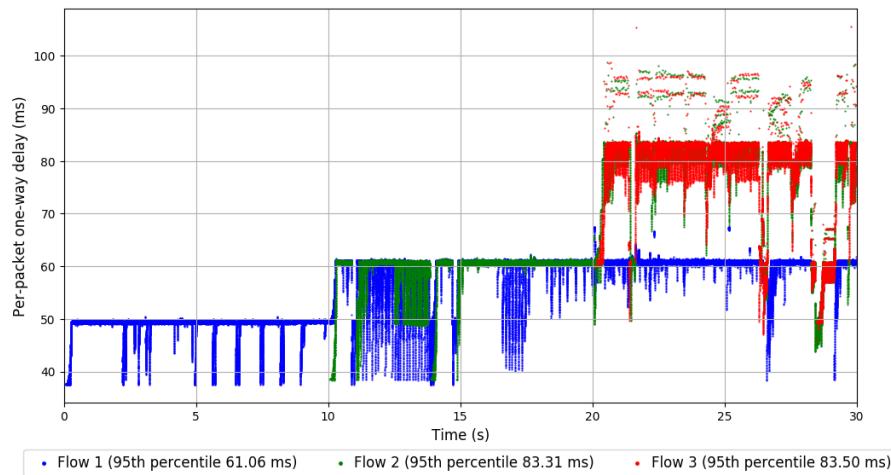
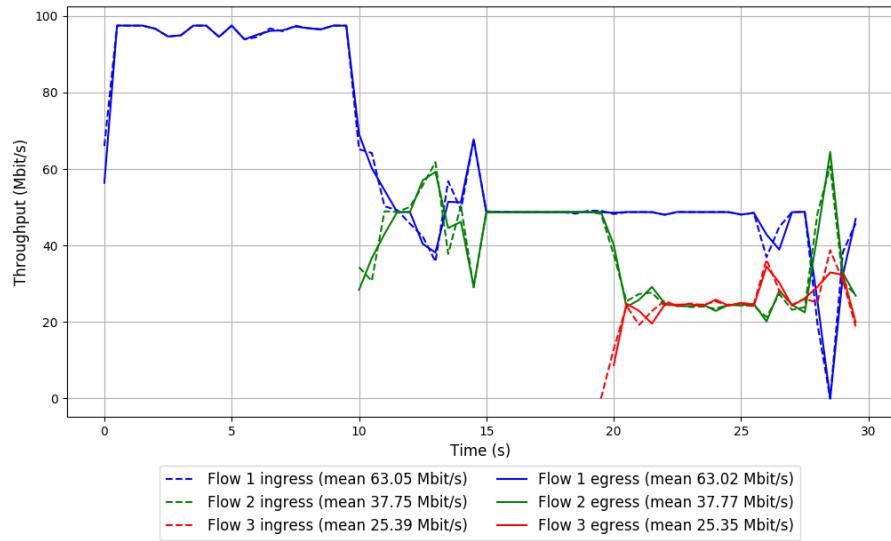


Run 4: Statistics of Verus

```
Start at: 2017-11-30 18:49:01
End at: 2017-11-30 18:49:31
Local clock offset: 6.751 ms
Remote clock offset: -21.376 ms

# Below is generated by plot.py at 2017-11-30 23:49:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.55 Mbit/s
95th percentile per-packet one-way delay: 83.055 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 63.02 Mbit/s
95th percentile per-packet one-way delay: 61.062 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 37.77 Mbit/s
95th percentile per-packet one-way delay: 83.308 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 25.35 Mbit/s
95th percentile per-packet one-way delay: 83.496 ms
Loss rate: 0.64%
```

Run 4: Report of Verus — Data Link

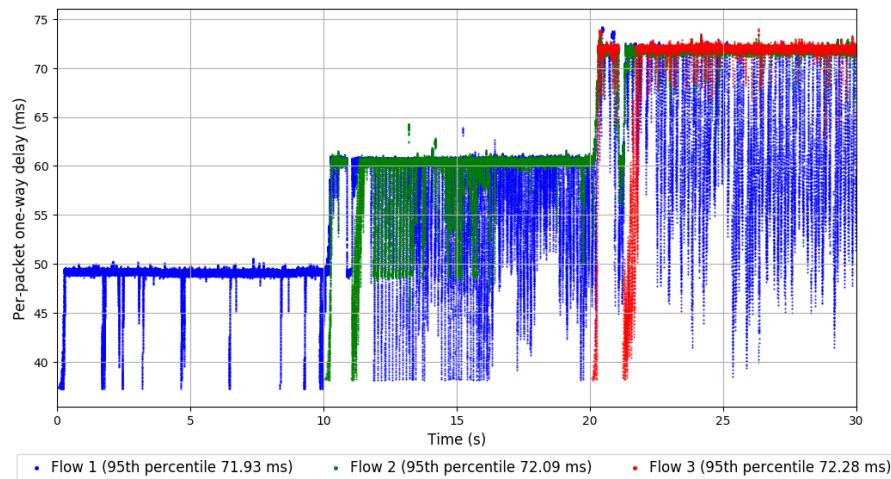
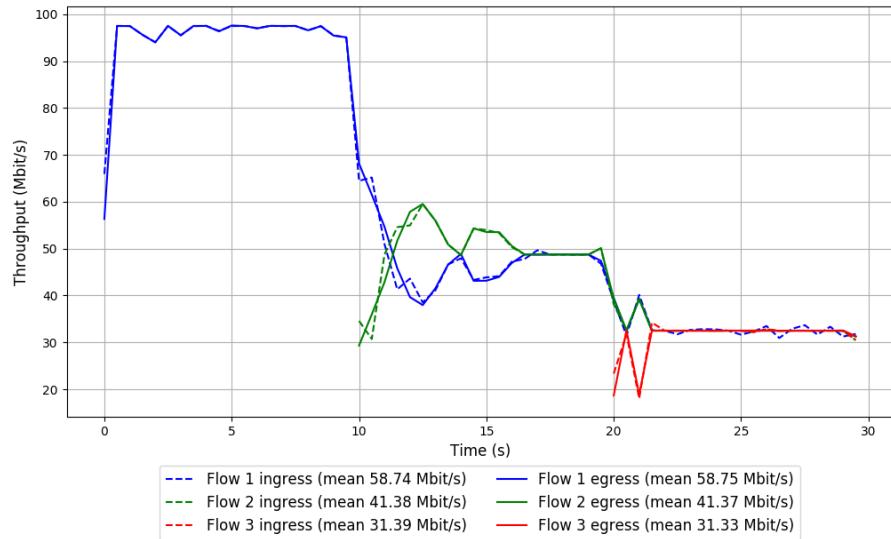


Run 5: Statistics of Verus

```
Start at: 2017-11-30 19:06:24
End at: 2017-11-30 19:06:54
Local clock offset: 6.727 ms
Remote clock offset: -21.66 ms

# Below is generated by plot.py at 2017-11-30 23:50:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.67 Mbit/s
95th percentile per-packet one-way delay: 72.149 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 58.75 Mbit/s
95th percentile per-packet one-way delay: 71.930 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 41.37 Mbit/s
95th percentile per-packet one-way delay: 72.093 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 31.33 Mbit/s
95th percentile per-packet one-way delay: 72.281 ms
Loss rate: 0.63%
```

Run 5: Report of Verus — Data Link

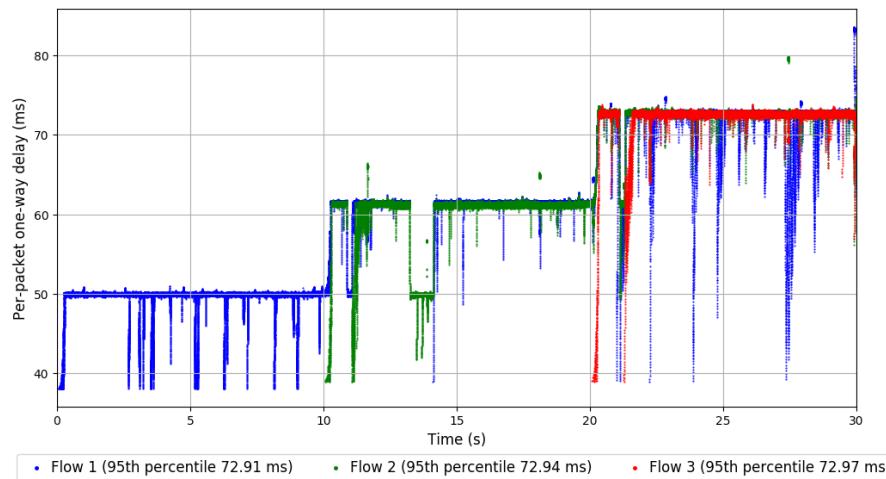
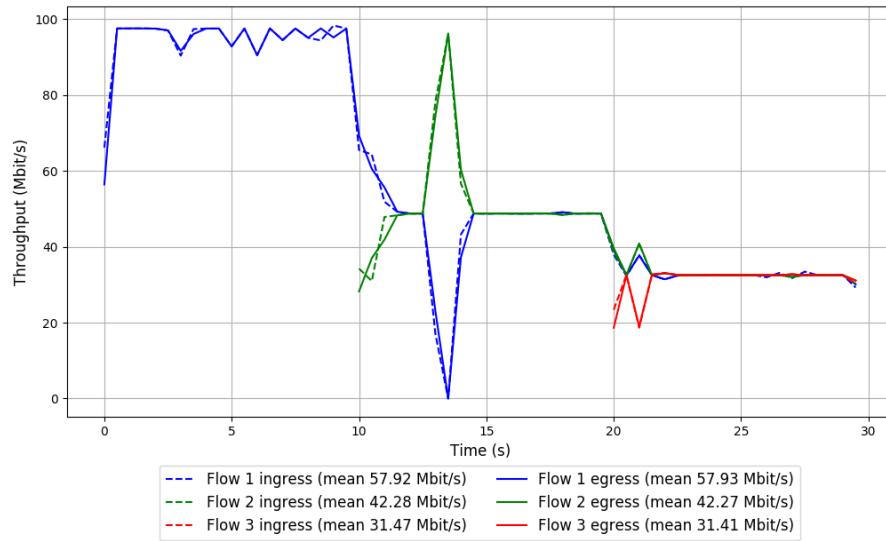


Run 6: Statistics of Verus

```
Start at: 2017-11-30 19:23:18
End at: 2017-11-30 19:23:48
Local clock offset: 8.355 ms
Remote clock offset: -21.303 ms

# Below is generated by plot.py at 2017-11-30 23:50:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.44 Mbit/s
95th percentile per-packet one-way delay: 72.931 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 57.93 Mbit/s
95th percentile per-packet one-way delay: 72.914 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 42.27 Mbit/s
95th percentile per-packet one-way delay: 72.945 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 31.41 Mbit/s
95th percentile per-packet one-way delay: 72.967 ms
Loss rate: 0.62%
```

Run 6: Report of Verus — Data Link

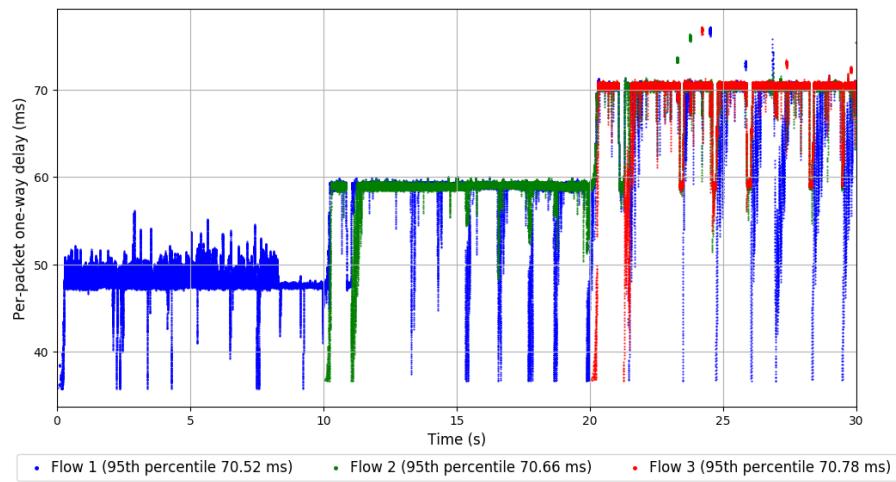
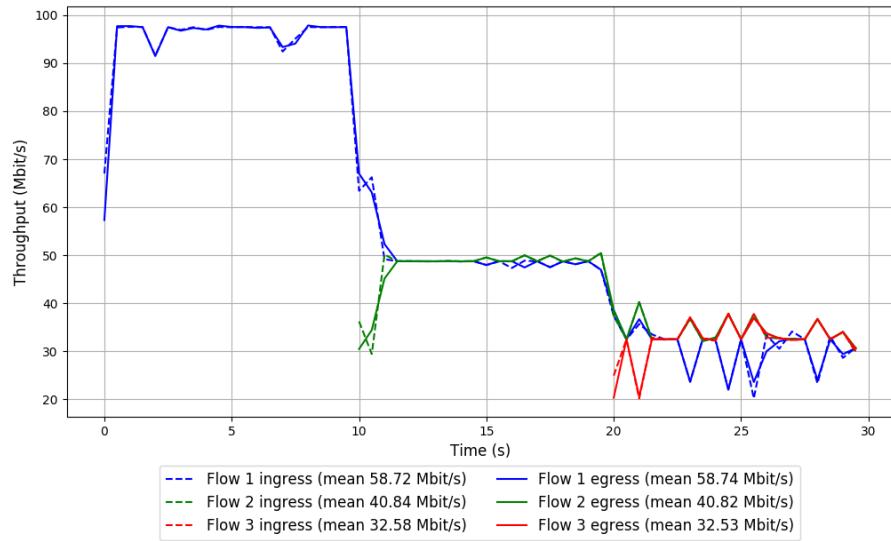


Run 7: Statistics of Verus

```
Start at: 2017-11-30 19:40:41
End at: 2017-11-30 19:41:11
Local clock offset: 5.945 ms
Remote clock offset: -21.897 ms

# Below is generated by plot.py at 2017-11-30 23:51:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.69 Mbit/s
95th percentile per-packet one-way delay: 70.666 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 58.74 Mbit/s
95th percentile per-packet one-way delay: 70.517 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.82 Mbit/s
95th percentile per-packet one-way delay: 70.661 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 32.53 Mbit/s
95th percentile per-packet one-way delay: 70.782 ms
Loss rate: 0.59%
```

Run 7: Report of Verus — Data Link

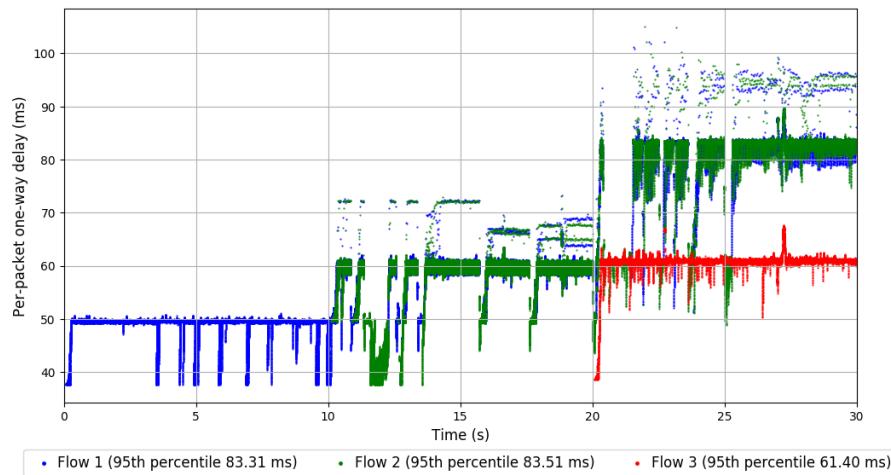
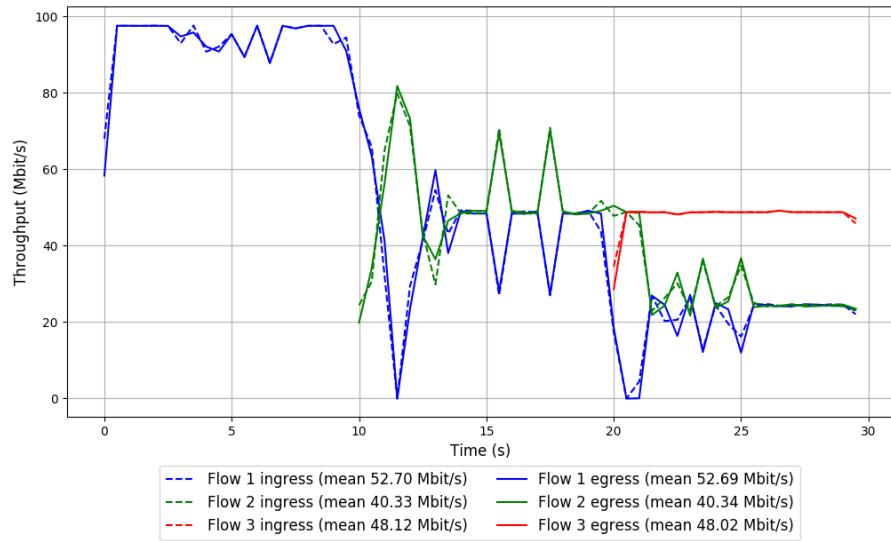


Run 8: Statistics of Verus

```
Start at: 2017-11-30 19:58:08
End at: 2017-11-30 19:58:38
Local clock offset: 7.224 ms
Remote clock offset: -20.985 ms

# Below is generated by plot.py at 2017-11-30 23:51:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.42 Mbit/s
95th percentile per-packet one-way delay: 83.346 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 52.69 Mbit/s
95th percentile per-packet one-way delay: 83.307 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 40.34 Mbit/s
95th percentile per-packet one-way delay: 83.513 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 48.02 Mbit/s
95th percentile per-packet one-way delay: 61.399 ms
Loss rate: 0.48%
```

Run 8: Report of Verus — Data Link

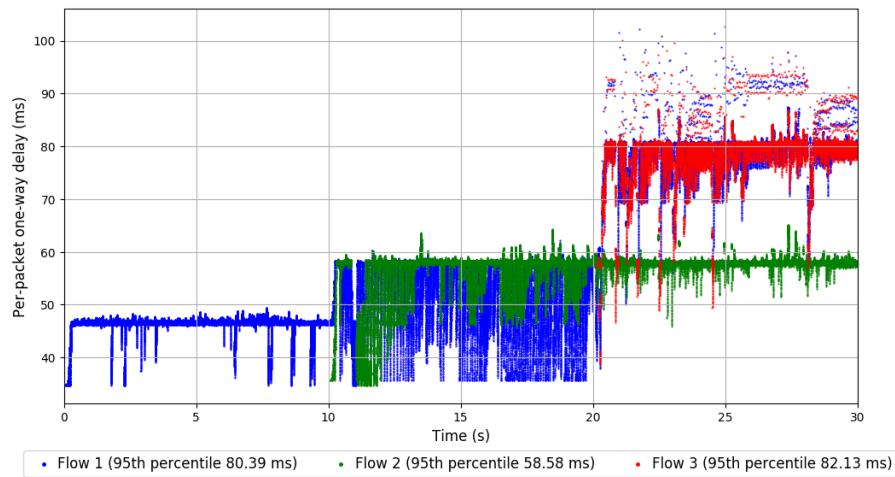
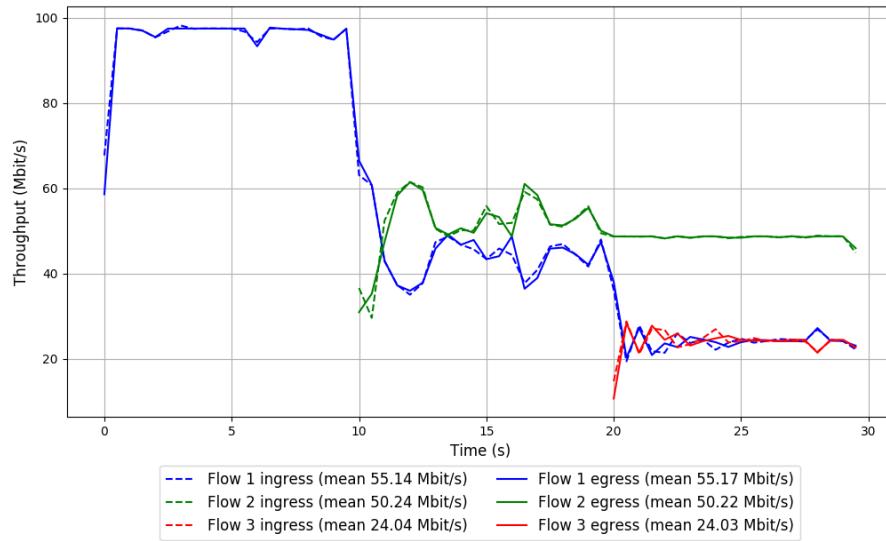


Run 9: Statistics of Verus

```
Start at: 2017-11-30 20:15:20
End at: 2017-11-30 20:15:50
Local clock offset: 3.124 ms
Remote clock offset: -20.758 ms

# Below is generated by plot.py at 2017-11-30 23:51:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.52 Mbit/s
95th percentile per-packet one-way delay: 80.457 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 55.17 Mbit/s
95th percentile per-packet one-way delay: 80.387 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 50.22 Mbit/s
95th percentile per-packet one-way delay: 58.575 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 24.03 Mbit/s
95th percentile per-packet one-way delay: 82.130 ms
Loss rate: 0.75%
```

Run 9: Report of Verus — Data Link

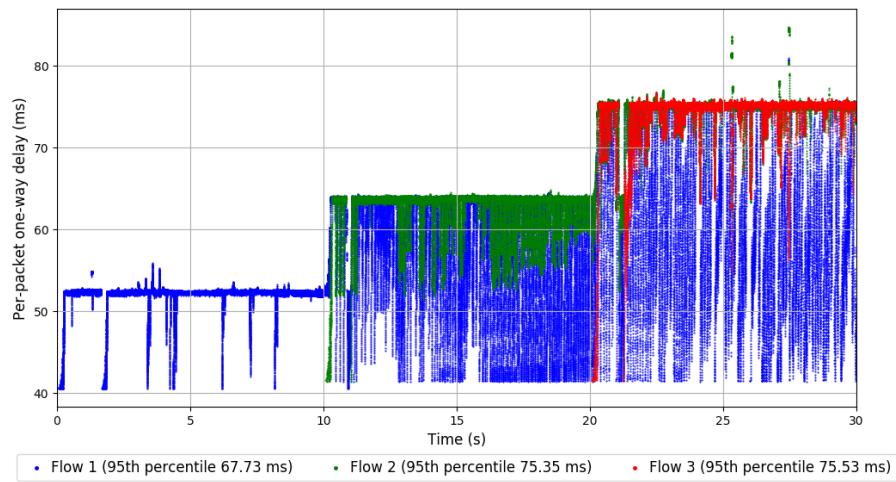
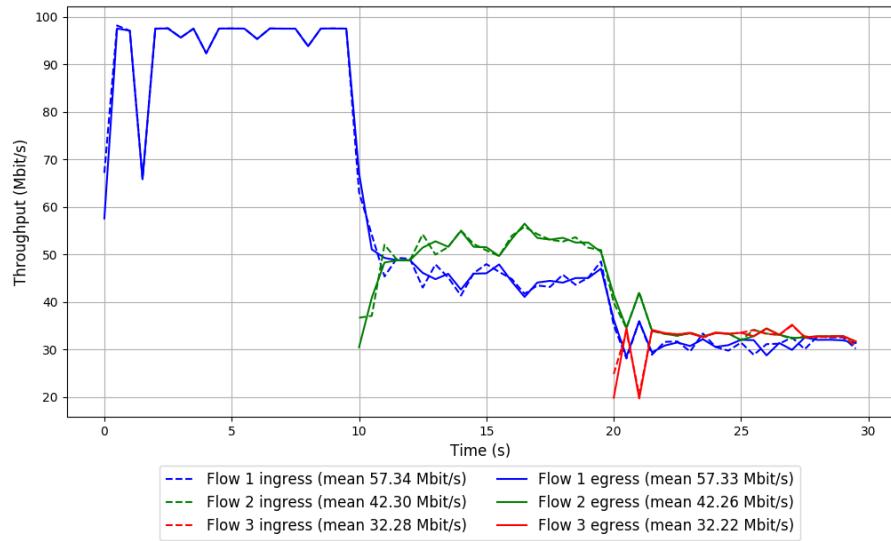


Run 10: Statistics of Verus

```
Start at: 2017-11-30 20:32:49
End at: 2017-11-30 20:33:19
Local clock offset: 3.375 ms
Remote clock offset: -25.455 ms

# Below is generated by plot.py at 2017-11-30 23:51:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.11 Mbit/s
95th percentile per-packet one-way delay: 75.347 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 57.33 Mbit/s
95th percentile per-packet one-way delay: 67.726 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 42.26 Mbit/s
95th percentile per-packet one-way delay: 75.349 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 32.22 Mbit/s
95th percentile per-packet one-way delay: 75.531 ms
Loss rate: 0.60%
```

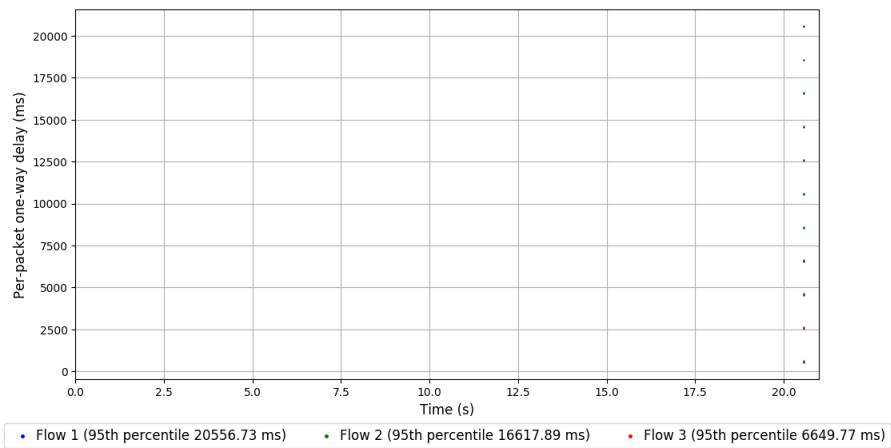
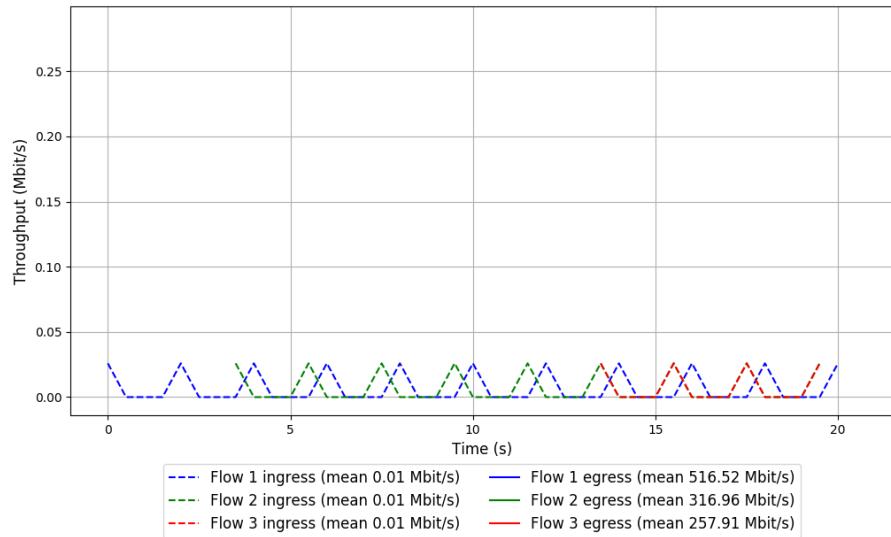
Run 10: Report of Verus — Data Link



Run 1: Statistics of Copa

Start at: 2017-11-30 17:55:37
End at: 2017-11-30 17:56:07
Local clock offset: 6.366 ms
Remote clock offset: -20.726 ms

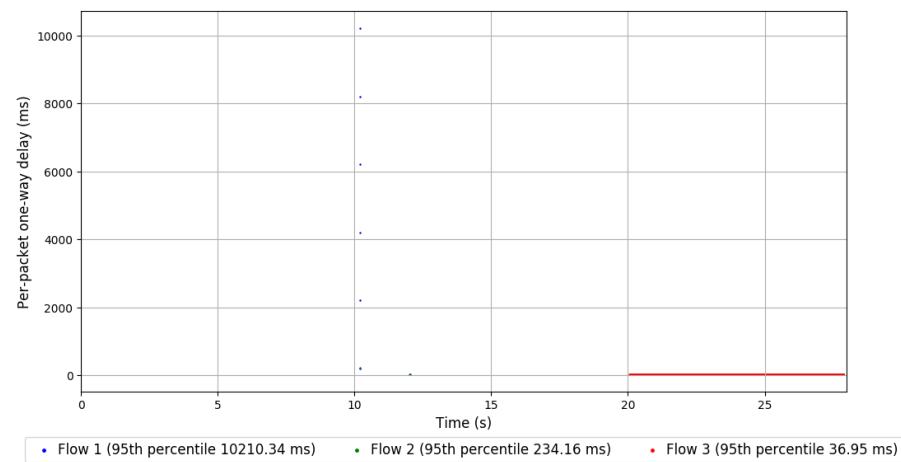
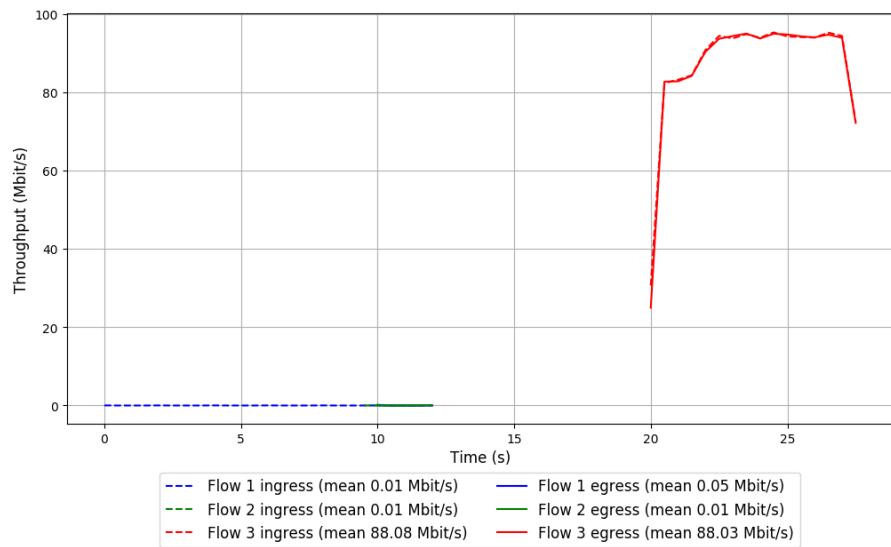
Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2017-11-30 18:13:04
End at: 2017-11-30 18:13:34
Local clock offset: 3.611 ms
Remote clock offset: -20.877 ms

Run 2: Report of Copa — Data Link

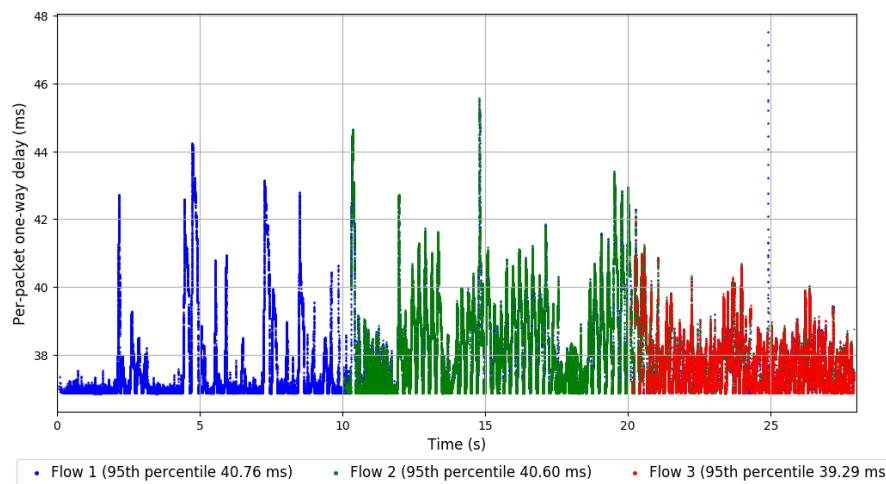
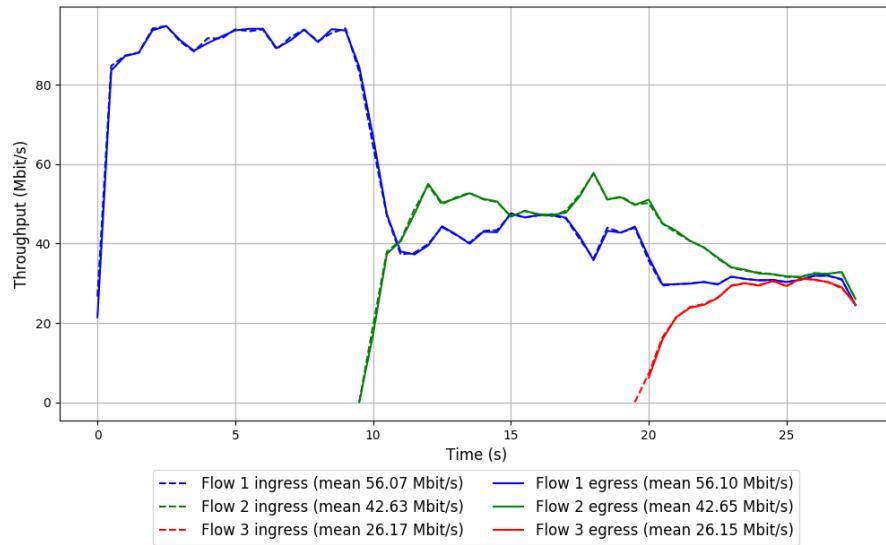


Run 3: Statistics of Copa

```
Start at: 2017-11-30 18:30:42
End at: 2017-11-30 18:31:12
Local clock offset: 6.251 ms
Remote clock offset: -21.096 ms

# Below is generated by plot.py at 2017-11-30 23:52:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.93 Mbit/s
95th percentile per-packet one-way delay: 40.597 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 56.10 Mbit/s
95th percentile per-packet one-way delay: 40.759 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 42.65 Mbit/s
95th percentile per-packet one-way delay: 40.598 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 26.15 Mbit/s
95th percentile per-packet one-way delay: 39.288 ms
Loss rate: 0.58%
```

Run 3: Report of Copa — Data Link

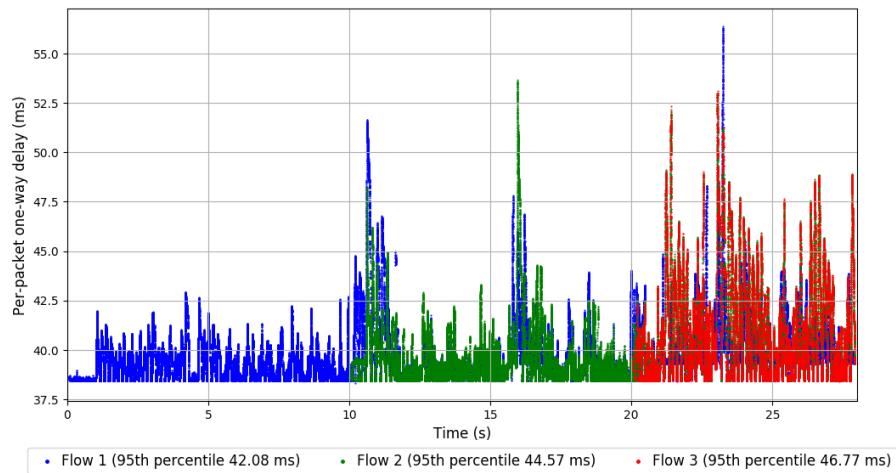
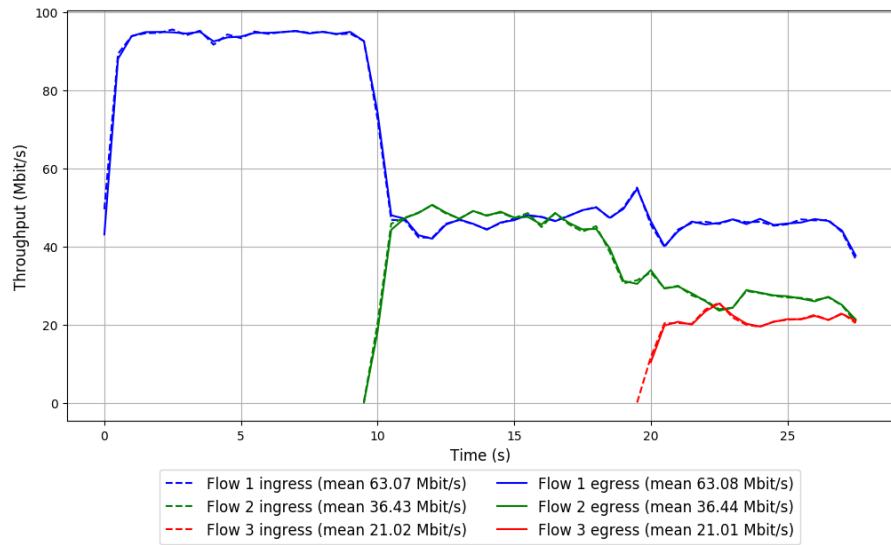


Run 4: Statistics of Copa

```
Start at: 2017-11-30 18:47:42
End at: 2017-11-30 18:48:12
Local clock offset: 7.011 ms
Remote clock offset: -22.029 ms

# Below is generated by plot.py at 2017-11-30 23:52:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.46 Mbit/s
95th percentile per-packet one-way delay: 43.333 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 63.08 Mbit/s
95th percentile per-packet one-way delay: 42.084 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 36.44 Mbit/s
95th percentile per-packet one-way delay: 44.574 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 21.01 Mbit/s
95th percentile per-packet one-way delay: 46.770 ms
Loss rate: 0.39%
```

Run 4: Report of Copa — Data Link

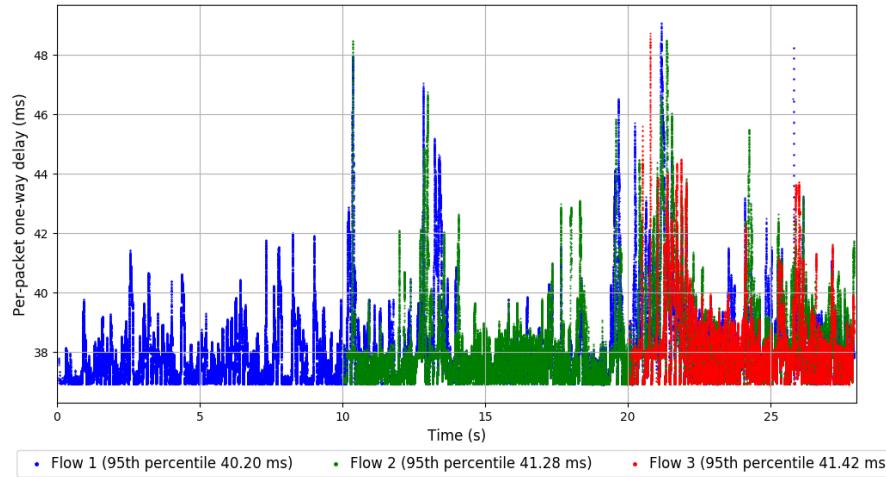
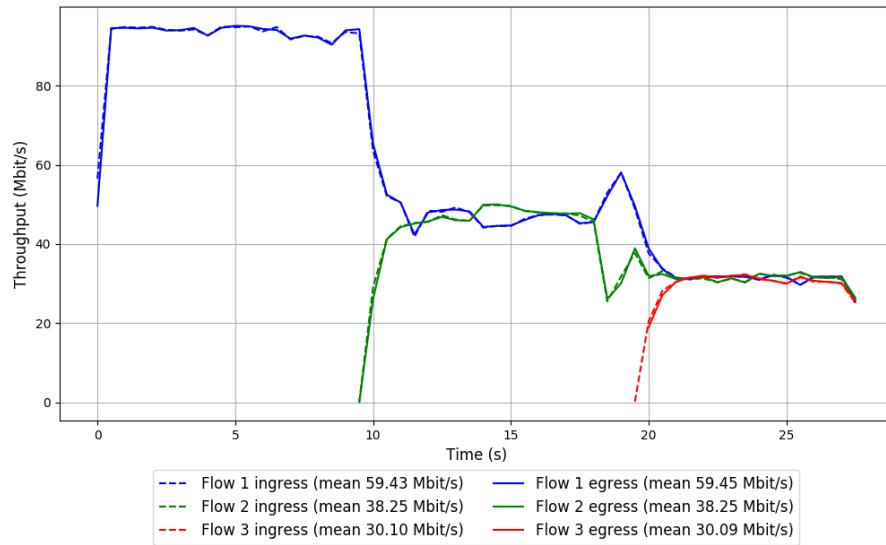


Run 5: Statistics of Copa

```
Start at: 2017-11-30 19:05:04
End at: 2017-11-30 19:05:34
Local clock offset: 7.5 ms
Remote clock offset: -20.522 ms

# Below is generated by plot.py at 2017-11-30 23:52:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.59 Mbit/s
95th percentile per-packet one-way delay: 40.630 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 59.45 Mbit/s
95th percentile per-packet one-way delay: 40.201 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 38.25 Mbit/s
95th percentile per-packet one-way delay: 41.282 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 30.09 Mbit/s
95th percentile per-packet one-way delay: 41.425 ms
Loss rate: 0.34%
```

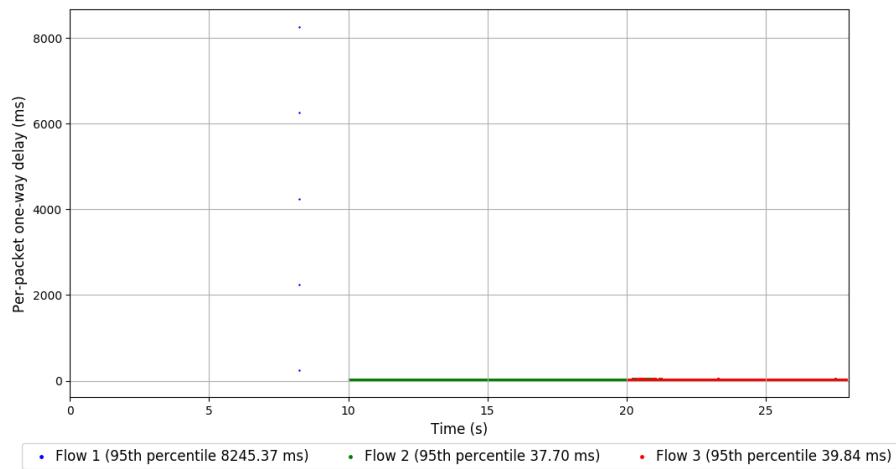
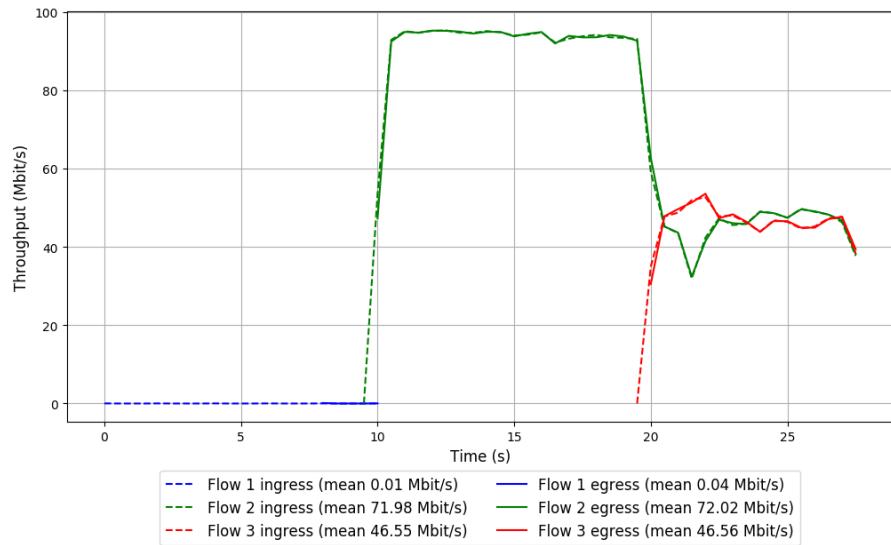
Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2017-11-30 19:22:07
End at: 2017-11-30 19:22:37
Local clock offset: 5.903 ms
Remote clock offset: -20.684 ms

Run 6: Report of Copa — Data Link

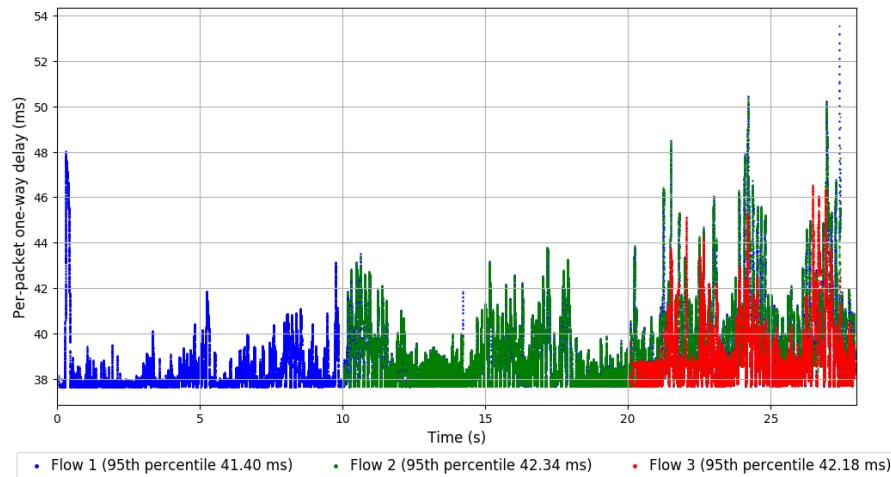
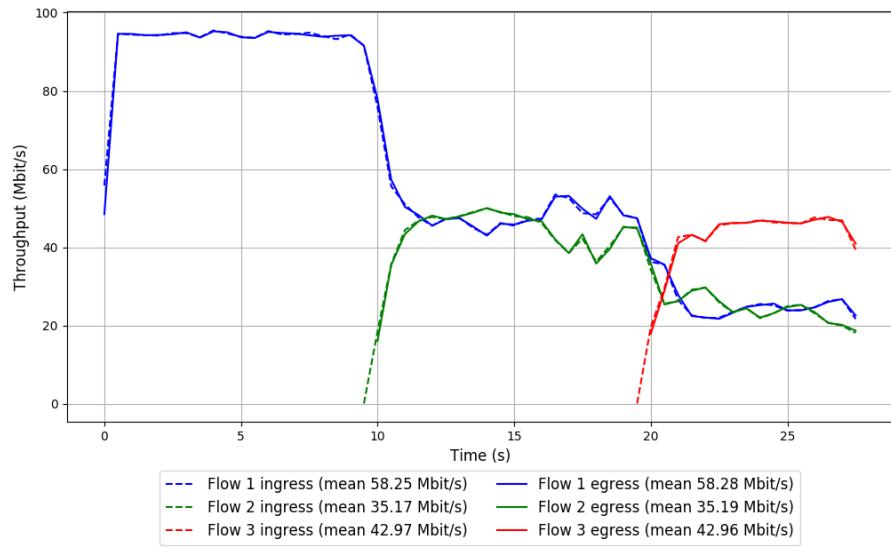


Run 7: Statistics of Copa

```
Start at: 2017-11-30 19:39:21
End at: 2017-11-30 19:39:51
Local clock offset: 7.011 ms
Remote clock offset: -22.819 ms

# Below is generated by plot.py at 2017-11-30 23:53:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.05 Mbit/s
95th percentile per-packet one-way delay: 41.809 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 58.28 Mbit/s
95th percentile per-packet one-way delay: 41.404 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 35.19 Mbit/s
95th percentile per-packet one-way delay: 42.337 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 42.96 Mbit/s
95th percentile per-packet one-way delay: 42.182 ms
Loss rate: 0.31%
```

Run 7: Report of Copa — Data Link

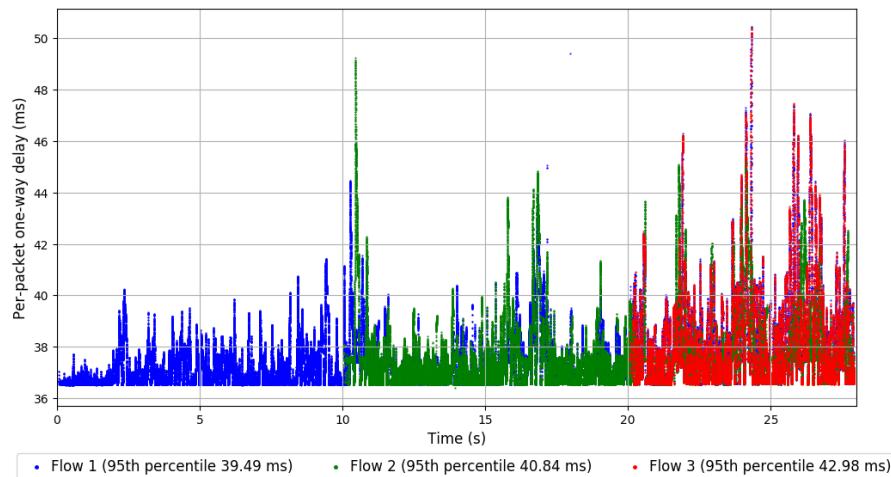
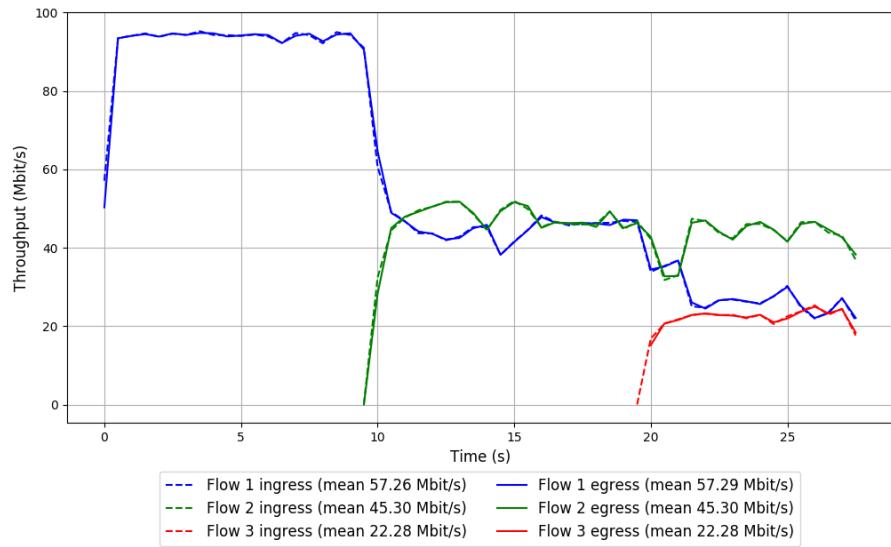


Run 8: Statistics of Copa

```
Start at: 2017-11-30 19:56:49
End at: 2017-11-30 19:57:19
Local clock offset: 4.555 ms
Remote clock offset: -22.616 ms

# Below is generated by plot.py at 2017-11-30 23:53:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.72 Mbit/s
95th percentile per-packet one-way delay: 40.138 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 57.29 Mbit/s
95th percentile per-packet one-way delay: 39.495 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 45.30 Mbit/s
95th percentile per-packet one-way delay: 40.842 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 22.28 Mbit/s
95th percentile per-packet one-way delay: 42.984 ms
Loss rate: 0.33%
```

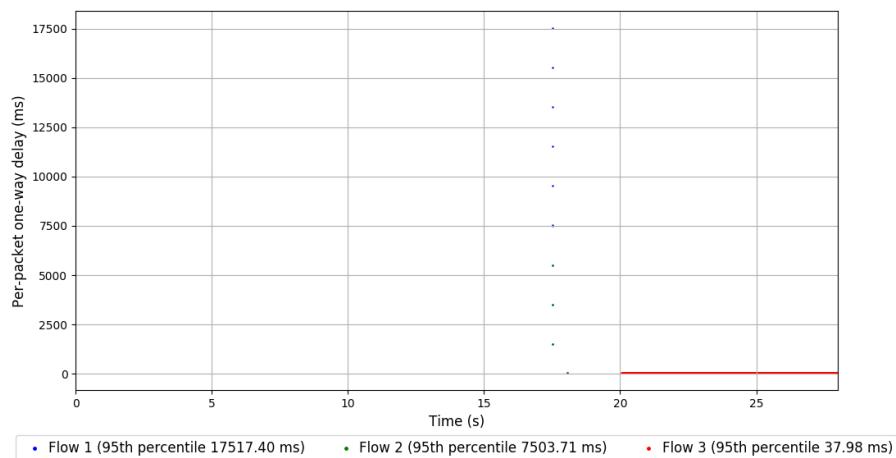
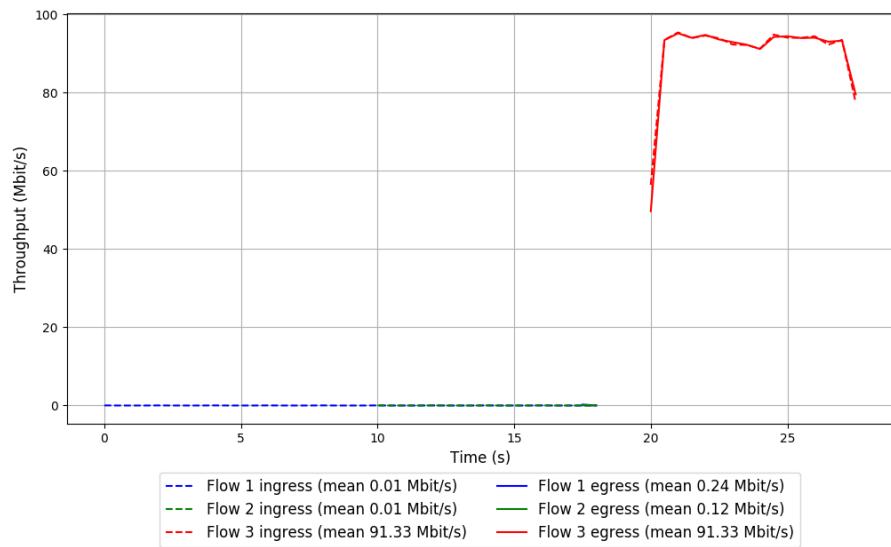
Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2017-11-30 20:14:09
End at: 2017-11-30 20:14:39
Local clock offset: 4.523 ms
Remote clock offset: -20.334 ms

Run 9: Report of Copa — Data Link

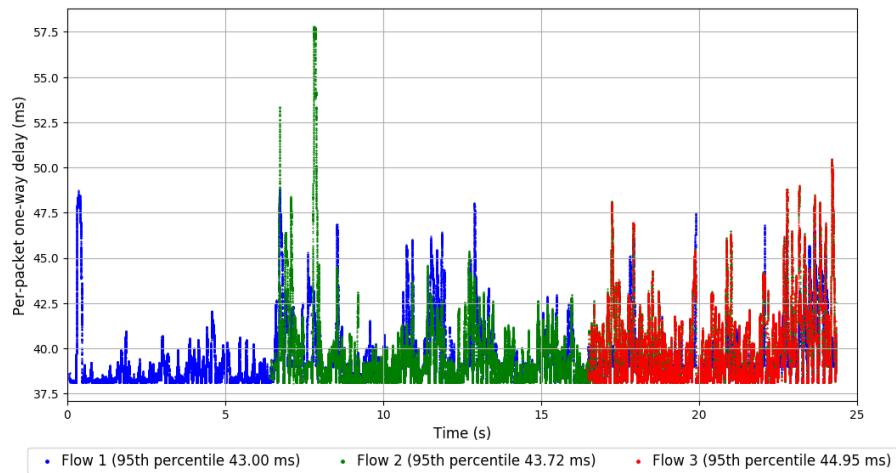
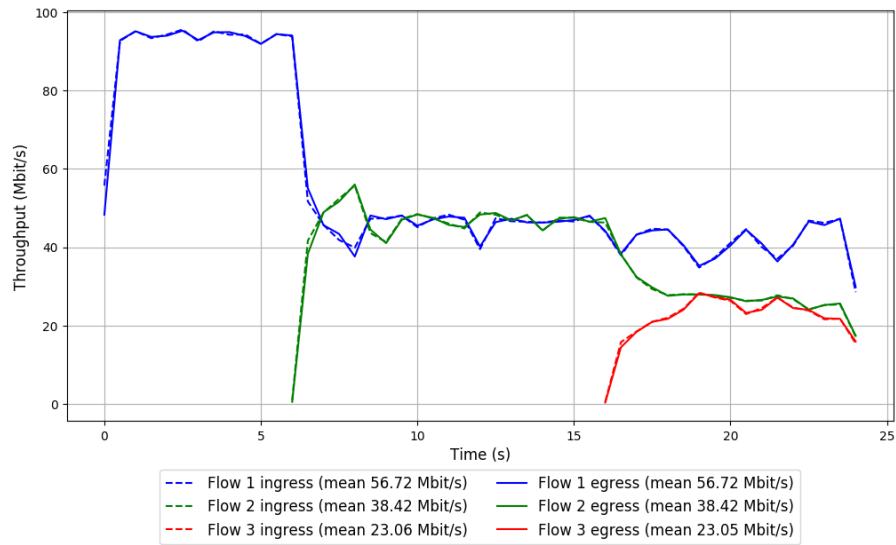


Run 10: Statistics of Copa

```
Start at: 2017-11-30 20:31:35
End at: 2017-11-30 20:32:05
Local clock offset: 4.235 ms
Remote clock offset: -22.214 ms

# Below is generated by plot.py at 2017-11-30 23:53:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.56 Mbit/s
95th percentile per-packet one-way delay: 43.473 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 56.72 Mbit/s
95th percentile per-packet one-way delay: 42.997 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 38.42 Mbit/s
95th percentile per-packet one-way delay: 43.720 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 23.05 Mbit/s
95th percentile per-packet one-way delay: 44.945 ms
Loss rate: 0.36%
```

Run 10: Report of Copa — Data Link

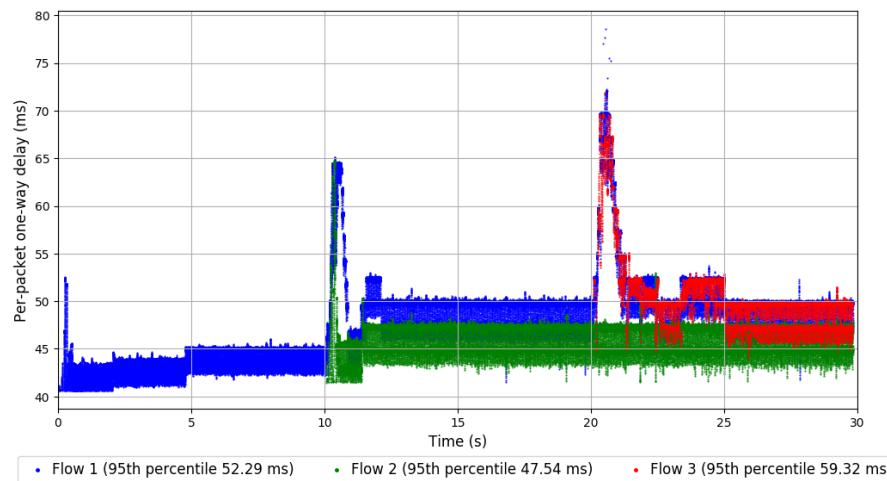
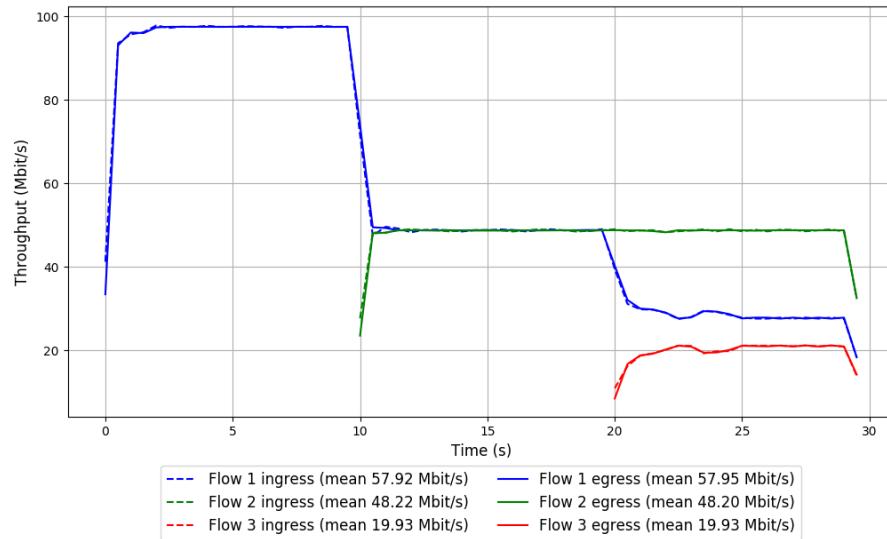


Run 1: Statistics of Indigo

```
Start at: 2017-11-30 17:51:51
End at: 2017-11-30 17:52:21
Local clock offset: 9.006 ms
Remote clock offset: -22.059 ms

# Below is generated by plot.py at 2017-11-30 23:53:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.46 Mbit/s
95th percentile per-packet one-way delay: 52.038 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 57.95 Mbit/s
95th percentile per-packet one-way delay: 52.294 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 48.20 Mbit/s
95th percentile per-packet one-way delay: 47.540 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 19.93 Mbit/s
95th percentile per-packet one-way delay: 59.320 ms
Loss rate: 0.49%
```

Run 1: Report of Indigo — Data Link

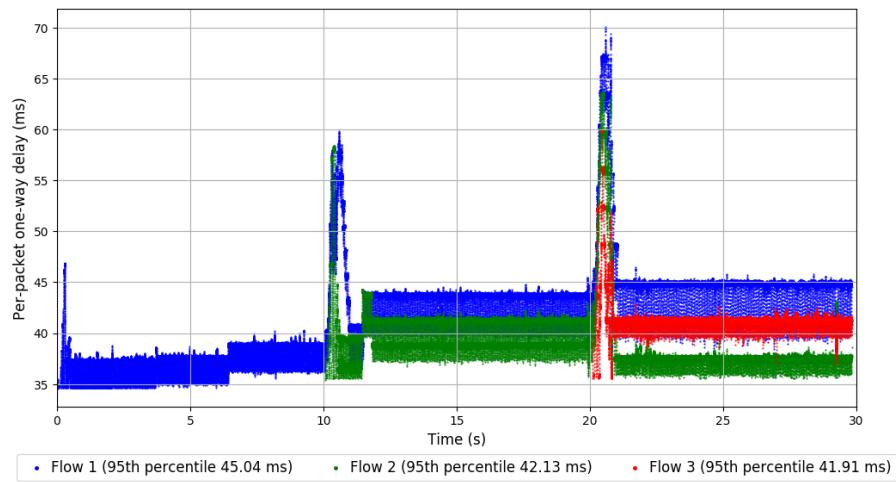
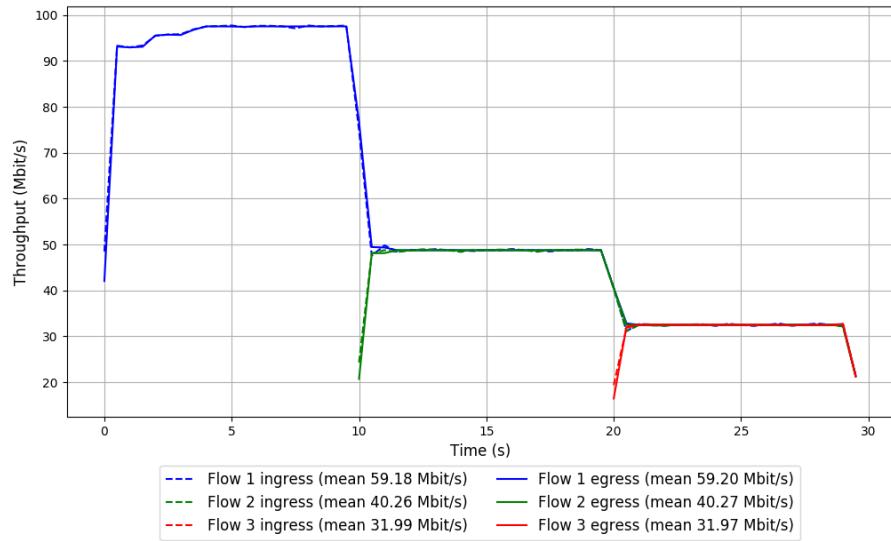


Run 2: Statistics of Indigo

```
Start at: 2017-11-30 18:09:13
End at: 2017-11-30 18:09:43
Local clock offset: 3.828 ms
Remote clock offset: -21.242 ms

# Below is generated by plot.py at 2017-11-30 23:53:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.37 Mbit/s
95th percentile per-packet one-way delay: 44.967 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 59.20 Mbit/s
95th percentile per-packet one-way delay: 45.042 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 40.27 Mbit/s
95th percentile per-packet one-way delay: 42.128 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 31.97 Mbit/s
95th percentile per-packet one-way delay: 41.913 ms
Loss rate: 0.46%
```

Run 2: Report of Indigo — Data Link

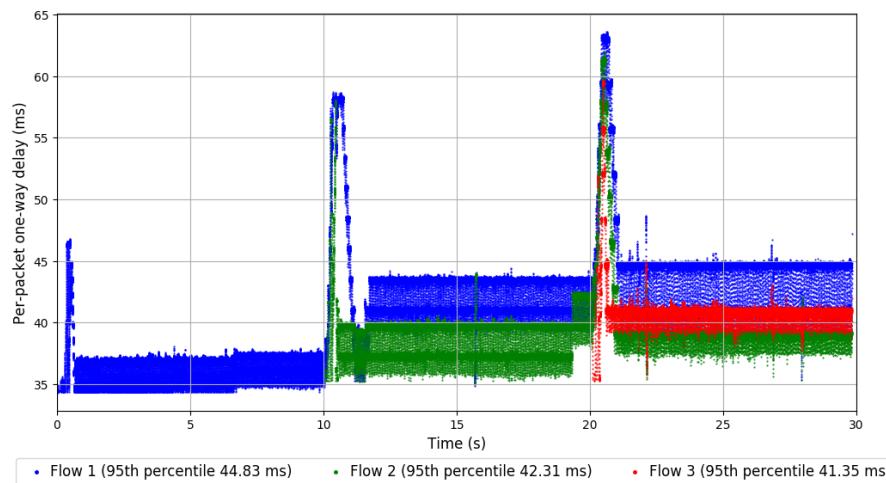
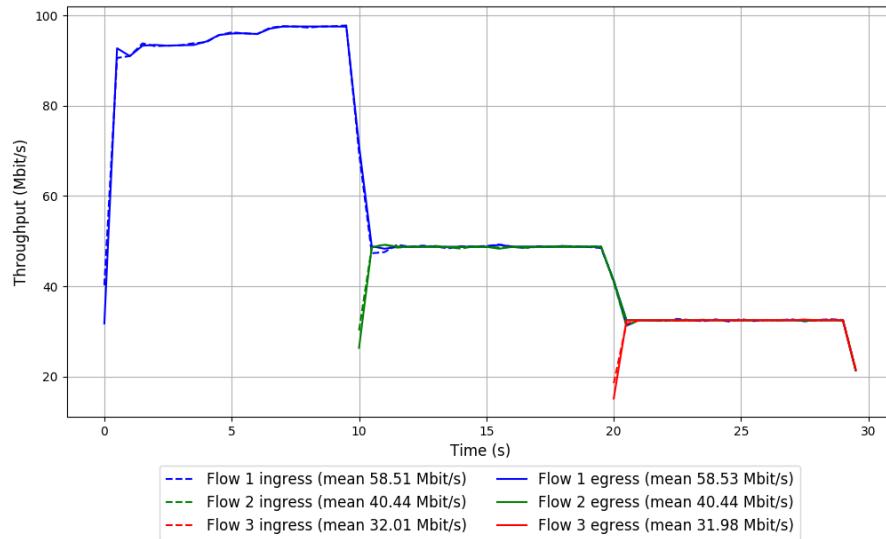


Run 3: Statistics of Indigo

```
Start at: 2017-11-30 18:26:43
End at: 2017-11-30 18:27:13
Local clock offset: 4.232 ms
Remote clock offset: -20.498 ms

# Below is generated by plot.py at 2017-11-30 23:53:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.81 Mbit/s
95th percentile per-packet one-way delay: 44.752 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 58.53 Mbit/s
95th percentile per-packet one-way delay: 44.827 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 40.44 Mbit/s
95th percentile per-packet one-way delay: 42.314 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 31.98 Mbit/s
95th percentile per-packet one-way delay: 41.347 ms
Loss rate: 0.46%
```

Run 3: Report of Indigo — Data Link

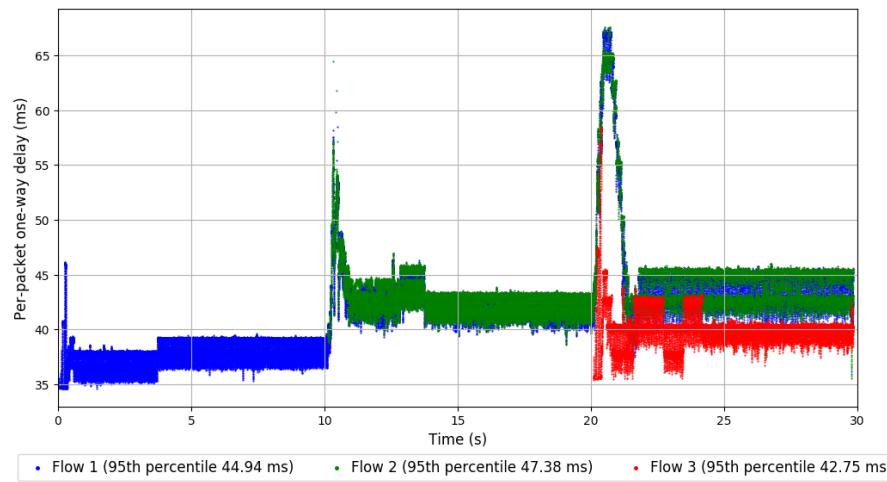
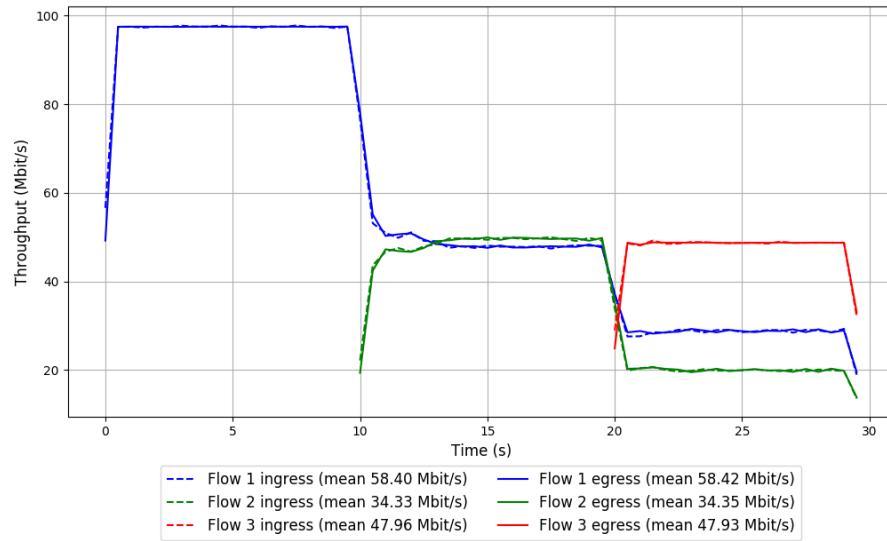


Run 4: Statistics of Indigo

```
Start at: 2017-11-30 18:44:08
End at: 2017-11-30 18:44:38
Local clock offset: 2.88 ms
Remote clock offset: -22.209 ms

# Below is generated by plot.py at 2017-11-30 23:54:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.82 Mbit/s
95th percentile per-packet one-way delay: 45.327 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 58.42 Mbit/s
95th percentile per-packet one-way delay: 44.935 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 34.35 Mbit/s
95th percentile per-packet one-way delay: 47.380 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 47.93 Mbit/s
95th percentile per-packet one-way delay: 42.754 ms
Loss rate: 0.33%
```

Run 4: Report of Indigo — Data Link

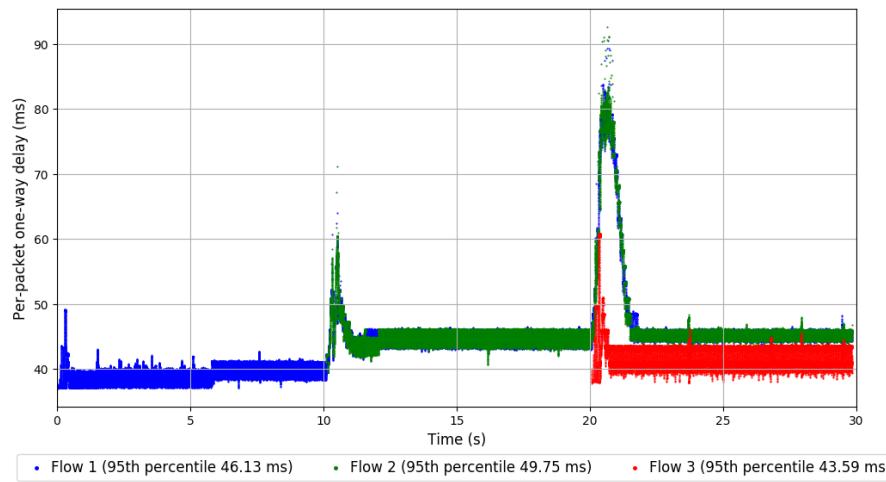
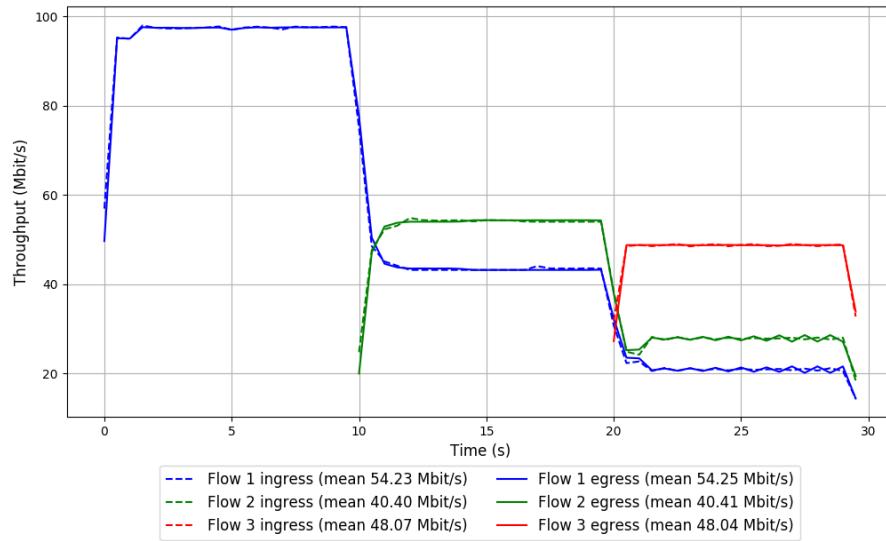


Run 5: Statistics of Indigo

```
Start at: 2017-11-30 19:01:17
End at: 2017-11-30 19:01:47
Local clock offset: 6.376 ms
Remote clock offset: -21.602 ms

# Below is generated by plot.py at 2017-11-30 23:54:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.74 Mbit/s
95th percentile per-packet one-way delay: 46.896 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 54.25 Mbit/s
95th percentile per-packet one-way delay: 46.126 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 40.41 Mbit/s
95th percentile per-packet one-way delay: 49.751 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 48.04 Mbit/s
95th percentile per-packet one-way delay: 43.589 ms
Loss rate: 0.33%
```

Run 5: Report of Indigo — Data Link

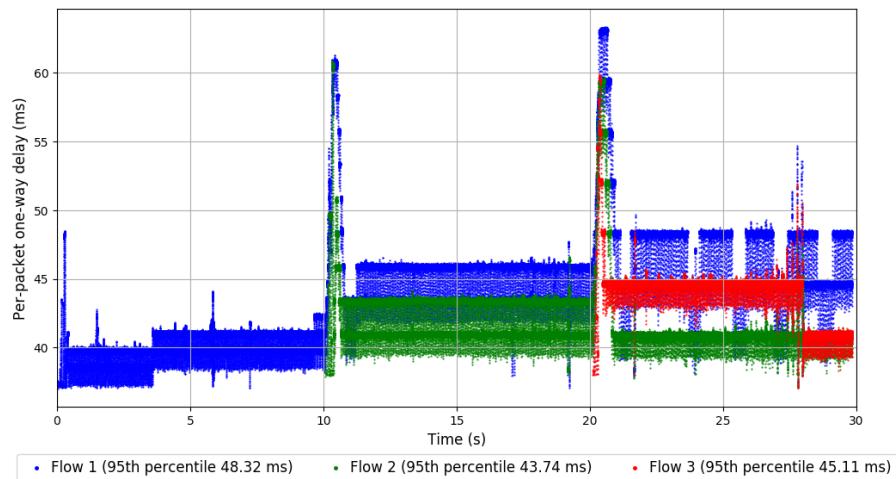
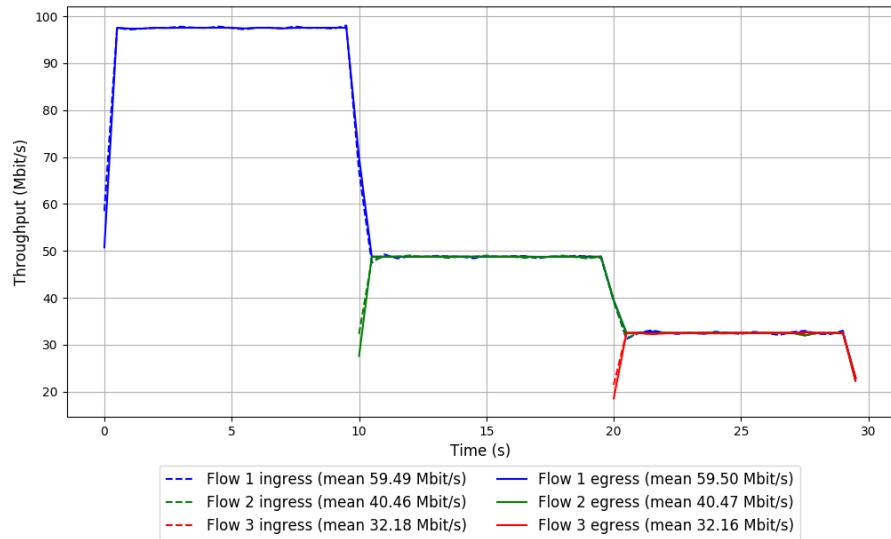


Run 6: Statistics of Indigo

```
Start at: 2017-11-30 19:18:23
End at: 2017-11-30 19:18:53
Local clock offset: 6.319 ms
Remote clock offset: -21.997 ms

# Below is generated by plot.py at 2017-11-30 23:54:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 48.213 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 59.50 Mbit/s
95th percentile per-packet one-way delay: 48.324 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 40.47 Mbit/s
95th percentile per-packet one-way delay: 43.739 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 32.16 Mbit/s
95th percentile per-packet one-way delay: 45.112 ms
Loss rate: 0.30%
```

Run 6: Report of Indigo — Data Link

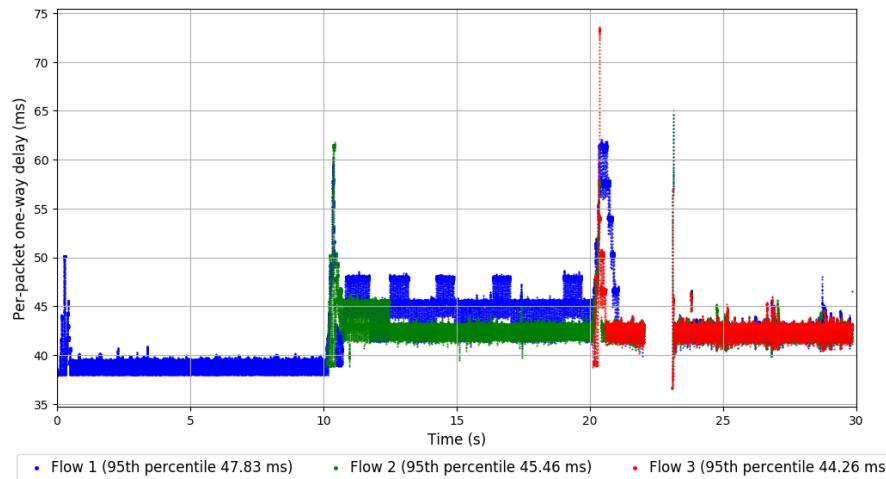
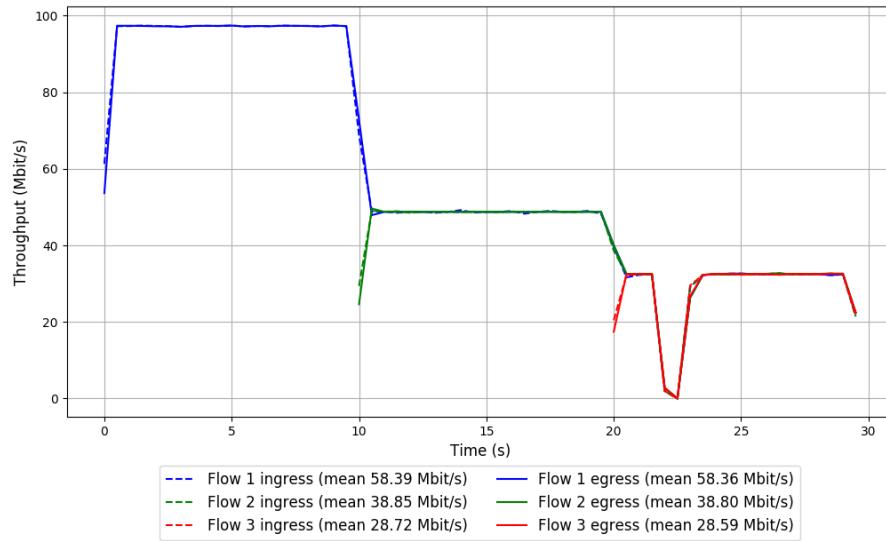


Run 7: Statistics of Indigo

```
Start at: 2017-11-30 19:35:32
End at: 2017-11-30 19:36:02
Local clock offset: 9.257 ms
Remote clock offset: -21.252 ms

# Below is generated by plot.py at 2017-11-30 23:54:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.39 Mbit/s
95th percentile per-packet one-way delay: 47.092 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 58.36 Mbit/s
95th percentile per-packet one-way delay: 47.832 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 38.80 Mbit/s
95th percentile per-packet one-way delay: 45.464 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 28.59 Mbit/s
95th percentile per-packet one-way delay: 44.264 ms
Loss rate: 0.68%
```

Run 7: Report of Indigo — Data Link

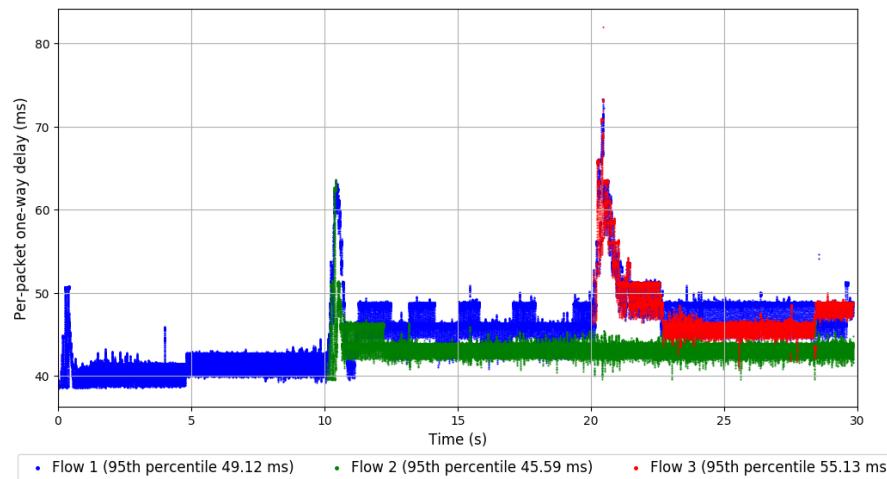
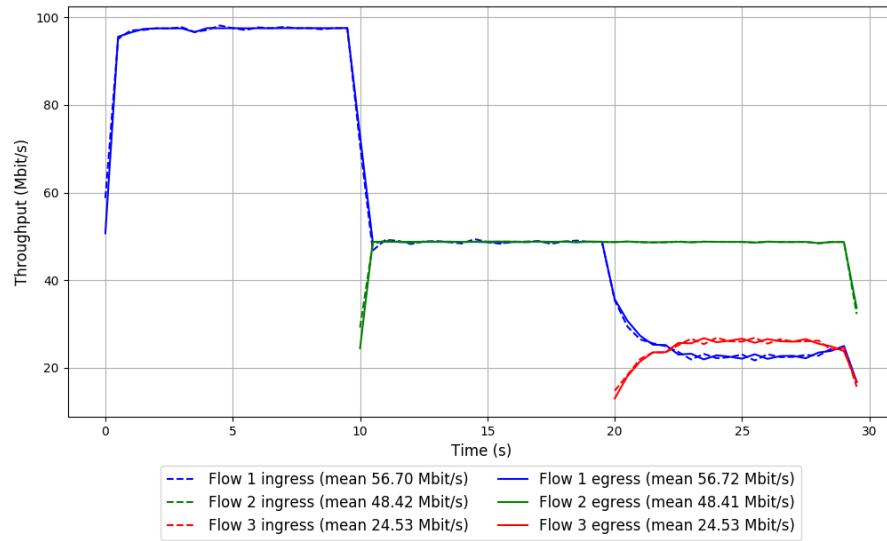


Run 8: Statistics of Indigo

```
Start at: 2017-11-30 19:52:57
End at: 2017-11-30 19:53:27
Local clock offset: 7.458 ms
Remote clock offset: -22.065 ms

# Below is generated by plot.py at 2017-11-30 23:54:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.79 Mbit/s
95th percentile per-packet one-way delay: 48.882 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 56.72 Mbit/s
95th percentile per-packet one-way delay: 49.117 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 48.41 Mbit/s
95th percentile per-packet one-way delay: 45.591 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 24.53 Mbit/s
95th percentile per-packet one-way delay: 55.132 ms
Loss rate: 0.35%
```

Run 8: Report of Indigo — Data Link

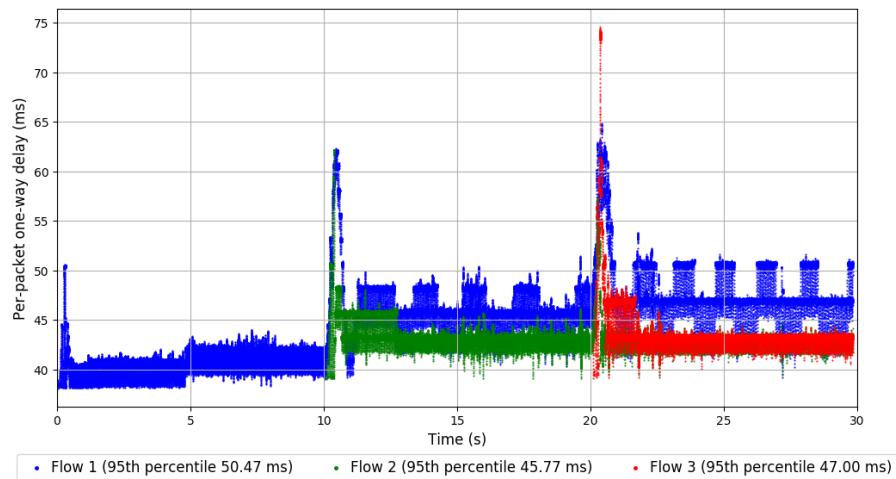
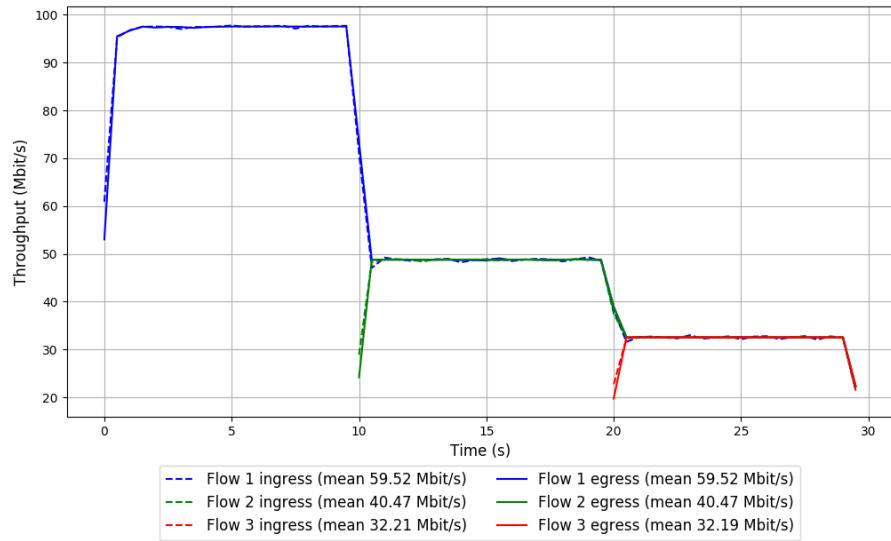


Run 9: Statistics of Indigo

```
Start at: 2017-11-30 20:10:24
End at: 2017-11-30 20:10:54
Local clock offset: 6.069 ms
Remote clock offset: -21.65 ms

# Below is generated by plot.py at 2017-11-30 23:54:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.84 Mbit/s
95th percentile per-packet one-way delay: 48.471 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 59.52 Mbit/s
95th percentile per-packet one-way delay: 50.471 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 40.47 Mbit/s
95th percentile per-packet one-way delay: 45.766 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 32.19 Mbit/s
95th percentile per-packet one-way delay: 46.996 ms
Loss rate: 0.30%
```

Run 9: Report of Indigo — Data Link

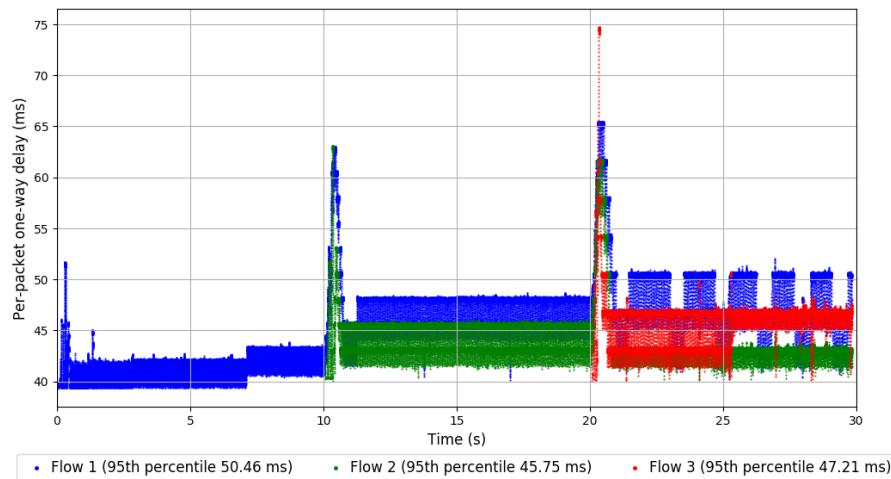
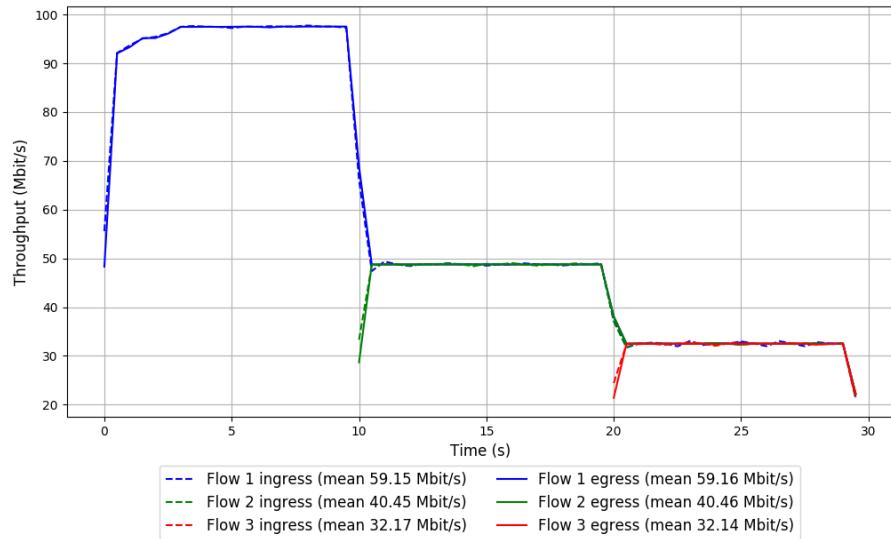


Run 10: Statistics of Indigo

```
Start at: 2017-11-30 20:27:45
End at: 2017-11-30 20:28:15
Local clock offset: 5.49 ms
Remote clock offset: -20.924 ms

# Below is generated by plot.py at 2017-11-30 23:55:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.55 Mbit/s
95th percentile per-packet one-way delay: 50.309 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 59.16 Mbit/s
95th percentile per-packet one-way delay: 50.462 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 40.46 Mbit/s
95th percentile per-packet one-way delay: 45.753 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 32.14 Mbit/s
95th percentile per-packet one-way delay: 47.213 ms
Loss rate: 0.34%
```

Run 10: Report of Indigo — Data Link

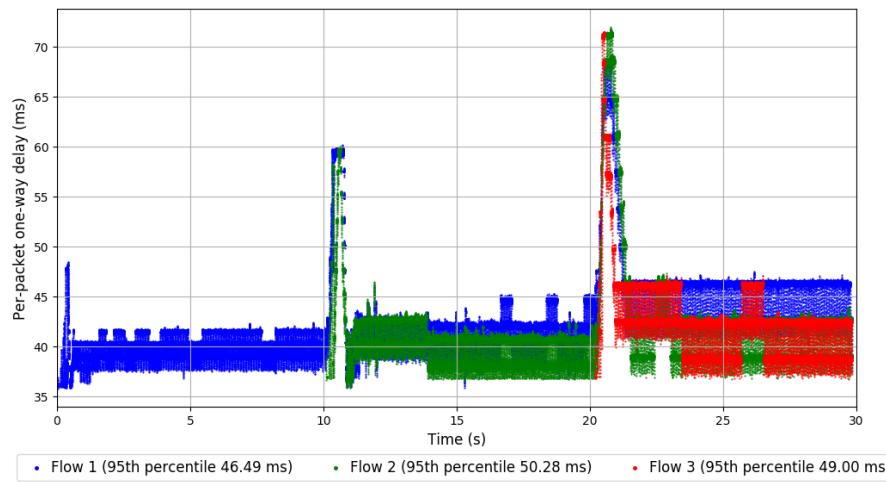
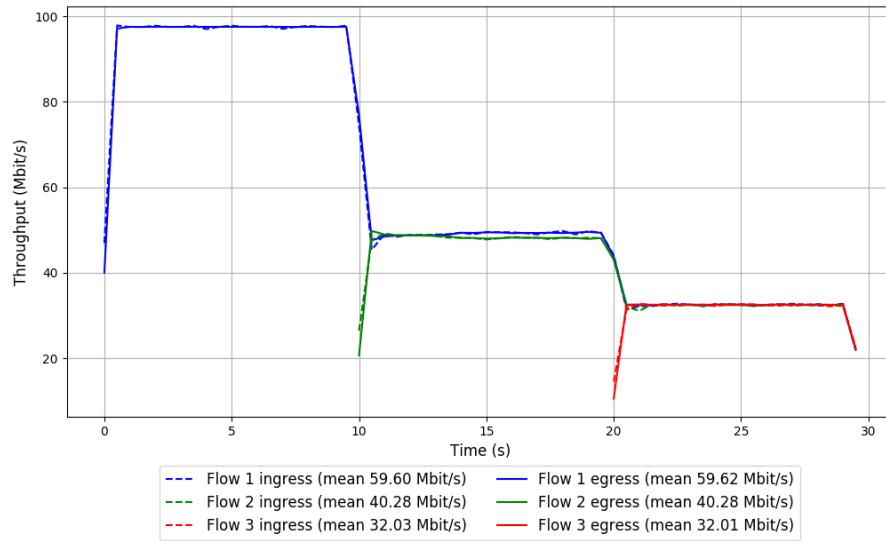


Run 1: Statistics of Indigo-calib

```
Start at: 2017-11-30 18:01:37
End at: 2017-11-30 18:02:07
Local clock offset: 6.245 ms
Remote clock offset: -20.269 ms

# Below is generated by plot.py at 2017-11-30 23:55:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.67 Mbit/s
95th percentile per-packet one-way delay: 46.542 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 59.62 Mbit/s
95th percentile per-packet one-way delay: 46.487 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 40.28 Mbit/s
95th percentile per-packet one-way delay: 50.284 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 32.01 Mbit/s
95th percentile per-packet one-way delay: 49.004 ms
Loss rate: 0.46%
```

Run 1: Report of Indigo-calib — Data Link

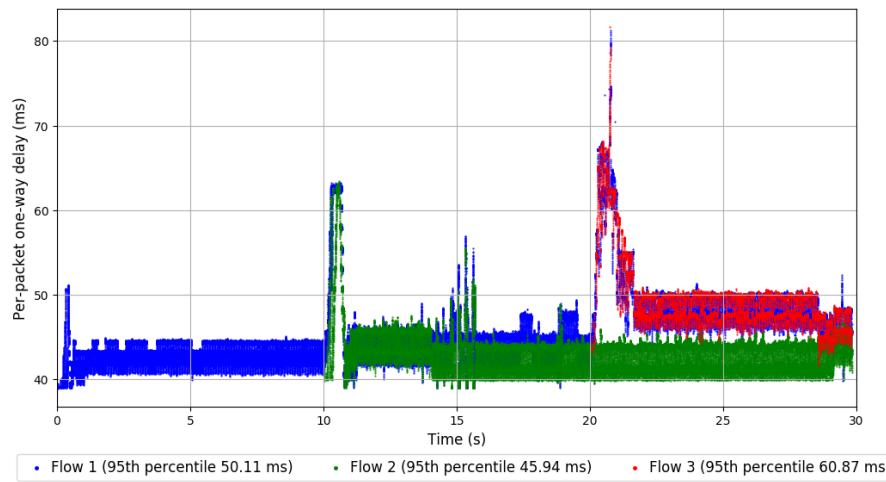
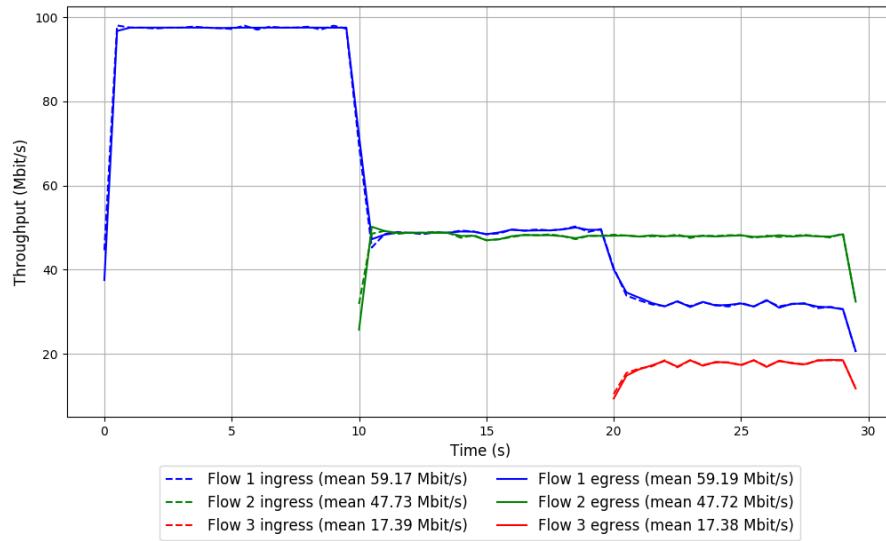


Run 2: Statistics of Indigo-calib

```
Start at: 2017-11-30 18:19:13
End at: 2017-11-30 18:19:43
Local clock offset: 8.375 ms
Remote clock offset: -20.979 ms

# Below is generated by plot.py at 2017-11-30 23:55:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.56 Mbit/s
95th percentile per-packet one-way delay: 50.101 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 59.19 Mbit/s
95th percentile per-packet one-way delay: 50.107 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 47.72 Mbit/s
95th percentile per-packet one-way delay: 45.939 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 17.38 Mbit/s
95th percentile per-packet one-way delay: 60.870 ms
Loss rate: 0.49%
```

Run 2: Report of Indigo-calib — Data Link

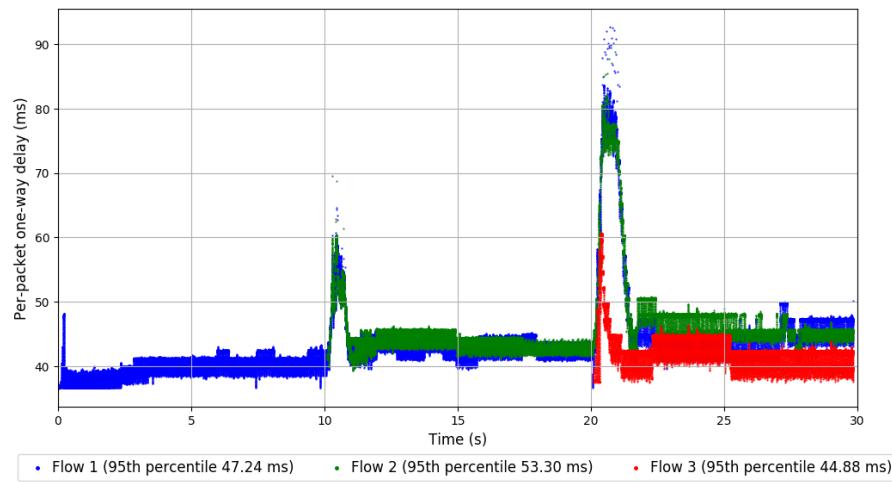
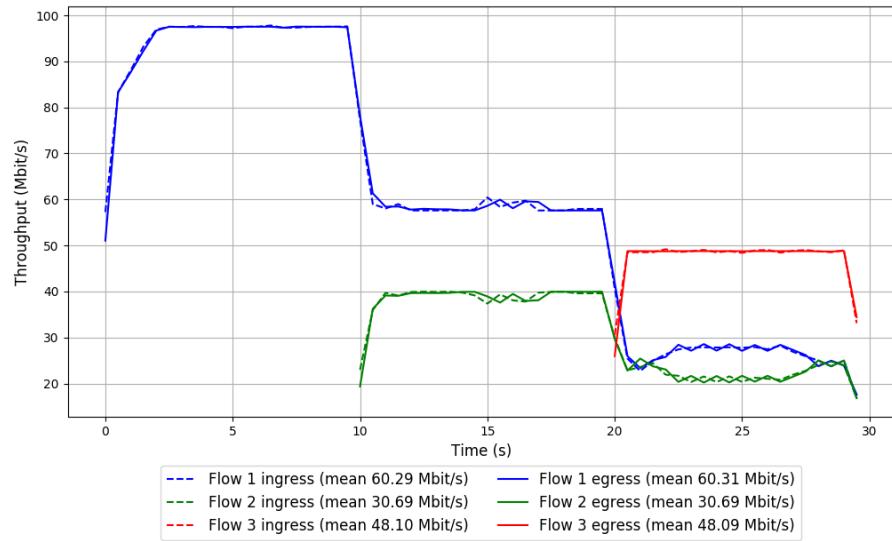


Run 3: Statistics of Indigo-calib

```
Start at: 2017-11-30 18:36:51
End at: 2017-11-30 18:37:21
Local clock offset: 5.71 ms
Remote clock offset: -21.307 ms

# Below is generated by plot.py at 2017-11-30 23:55:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.35 Mbit/s
95th percentile per-packet one-way delay: 48.151 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 60.31 Mbit/s
95th percentile per-packet one-way delay: 47.244 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 30.69 Mbit/s
95th percentile per-packet one-way delay: 53.303 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 48.09 Mbit/s
95th percentile per-packet one-way delay: 44.877 ms
Loss rate: 0.30%
```

Run 3: Report of Indigo-calib — Data Link

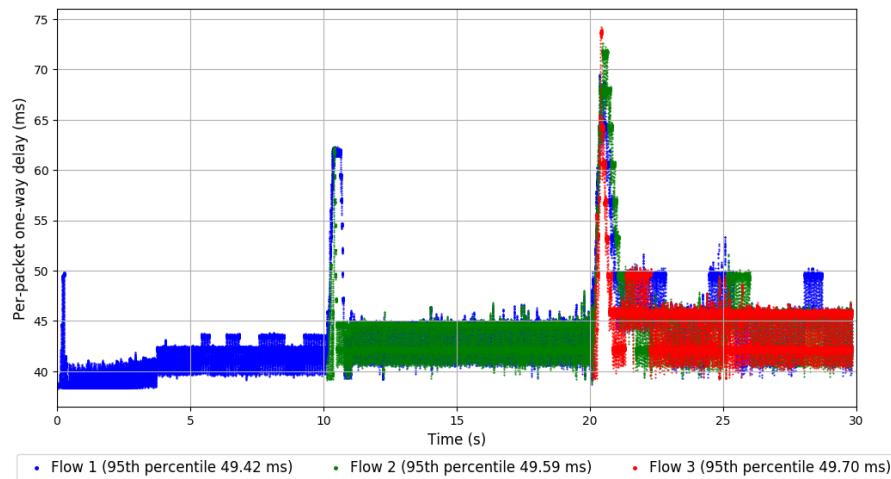
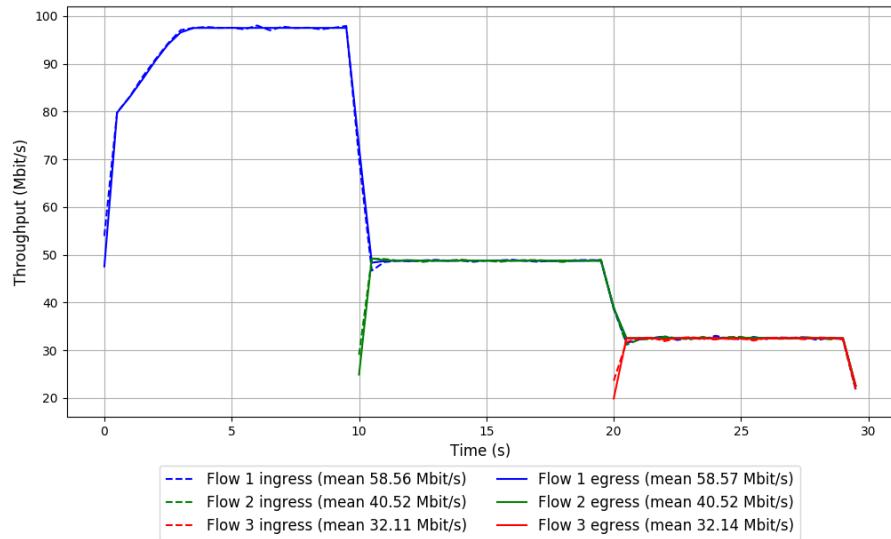


Run 4: Statistics of Indigo-calib

```
Start at: 2017-11-30 18:54:06
End at: 2017-11-30 18:54:36
Local clock offset: 6.004 ms
Remote clock offset: -23.018 ms

# Below is generated by plot.py at 2017-11-30 23:55:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.90 Mbit/s
95th percentile per-packet one-way delay: 49.526 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 58.57 Mbit/s
95th percentile per-packet one-way delay: 49.419 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 40.52 Mbit/s
95th percentile per-packet one-way delay: 49.590 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 32.14 Mbit/s
95th percentile per-packet one-way delay: 49.699 ms
Loss rate: 0.30%
```

Run 4: Report of Indigo-calib — Data Link

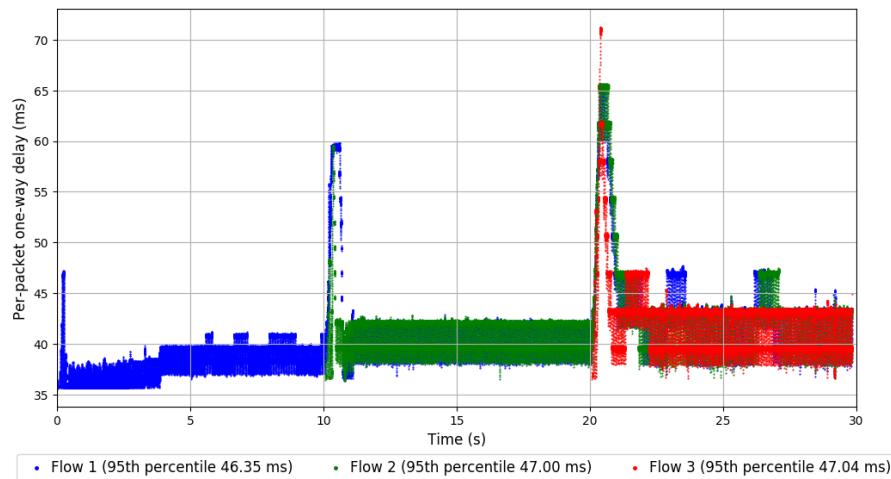
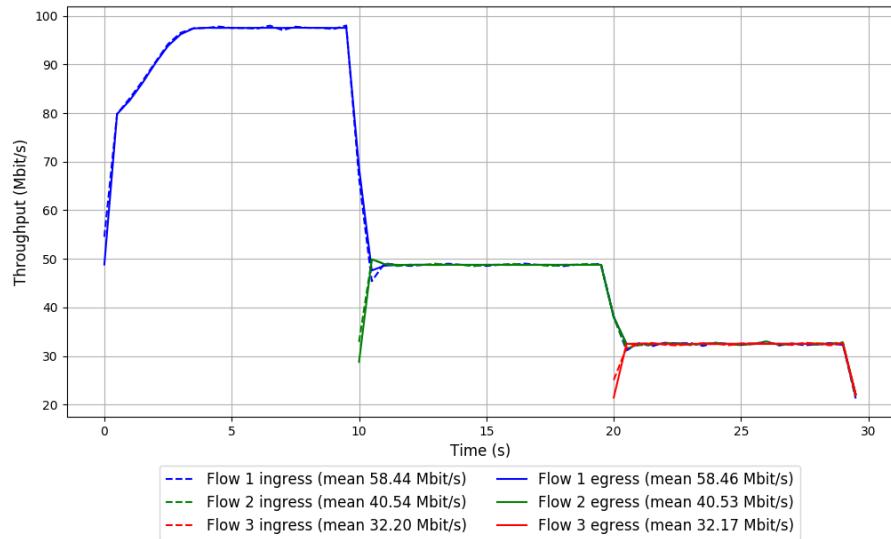


```
Run 5: Statistics of Indigo-calib

Start at: 2017-11-30 19:11:17
End at: 2017-11-30 19:11:47
Local clock offset: 5.453 ms
Remote clock offset: -21.354 ms

# Below is generated by plot.py at 2017-11-30 23:55:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.88 Mbit/s
95th percentile per-packet one-way delay: 46.869 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 58.46 Mbit/s
95th percentile per-packet one-way delay: 46.351 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 40.53 Mbit/s
95th percentile per-packet one-way delay: 46.998 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 32.17 Mbit/s
95th percentile per-packet one-way delay: 47.037 ms
Loss rate: 0.33%
```

Run 5: Report of Indigo-calib — Data Link

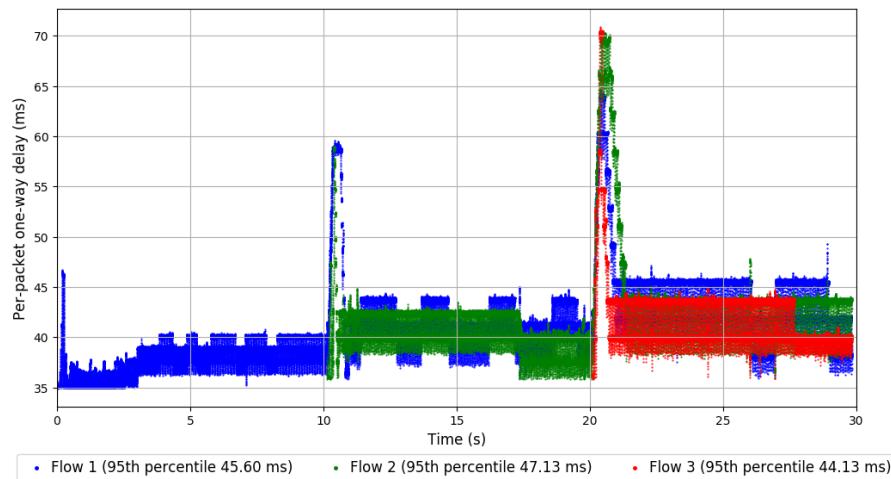
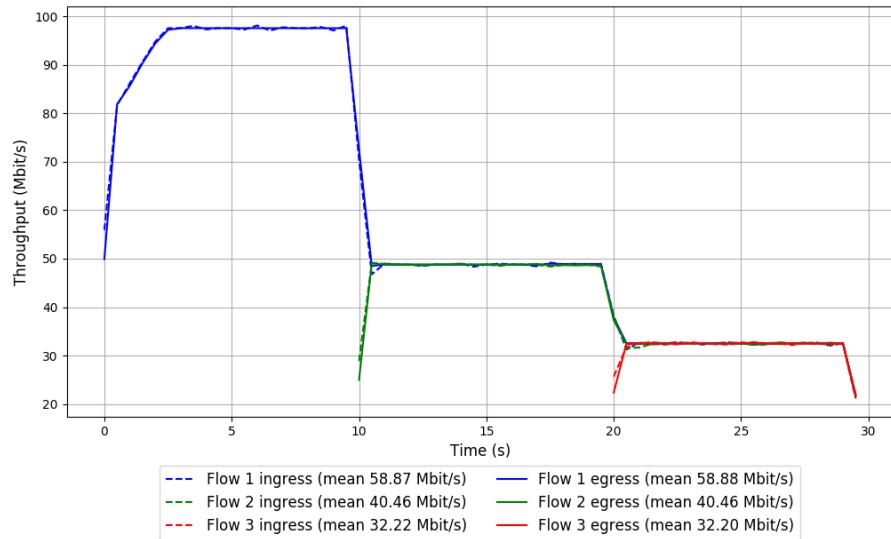


Run 6: Statistics of Indigo-calib

```
Start at: 2017-11-30 19:28:06
End at: 2017-11-30 19:28:36
Local clock offset: 6.552 ms
Remote clock offset: -21.295 ms

# Below is generated by plot.py at 2017-11-30 23:56:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.19 Mbit/s
95th percentile per-packet one-way delay: 45.596 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 58.88 Mbit/s
95th percentile per-packet one-way delay: 45.597 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 40.46 Mbit/s
95th percentile per-packet one-way delay: 47.126 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 32.20 Mbit/s
95th percentile per-packet one-way delay: 44.133 ms
Loss rate: 0.29%
```

Run 6: Report of Indigo-calib — Data Link

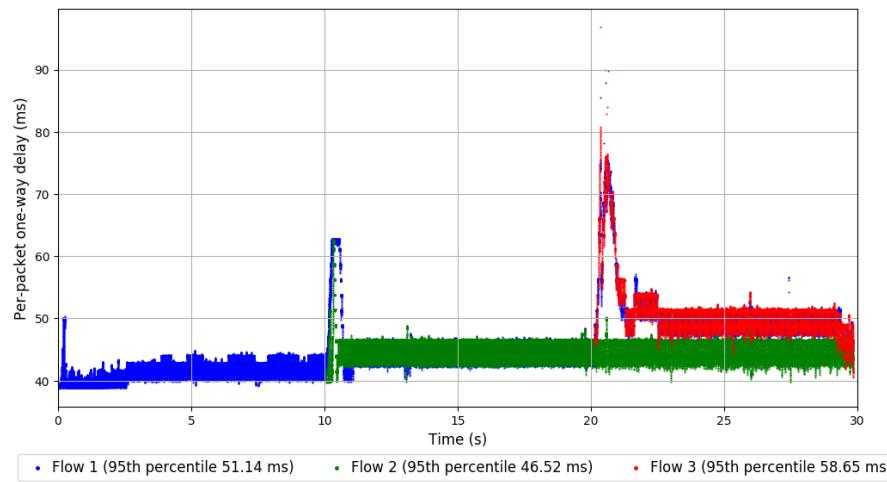
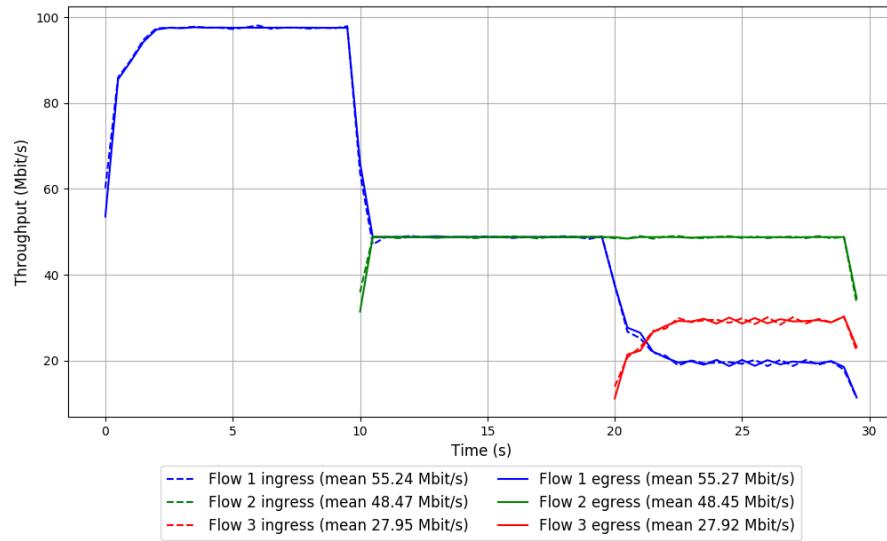


Run 7: Statistics of Indigo-calib

```
Start at: 2017-11-30 19:45:37
End at: 2017-11-30 19:46:07
Local clock offset: 7.588 ms
Remote clock offset: -22.875 ms

# Below is generated by plot.py at 2017-11-30 23:56:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.52 Mbit/s
95th percentile per-packet one-way delay: 51.327 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 55.27 Mbit/s
95th percentile per-packet one-way delay: 51.138 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 48.45 Mbit/s
95th percentile per-packet one-way delay: 46.521 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 27.92 Mbit/s
95th percentile per-packet one-way delay: 58.647 ms
Loss rate: 0.39%
```

Run 7: Report of Indigo-calib — Data Link



Run 8: Statistics of Indigo-calib

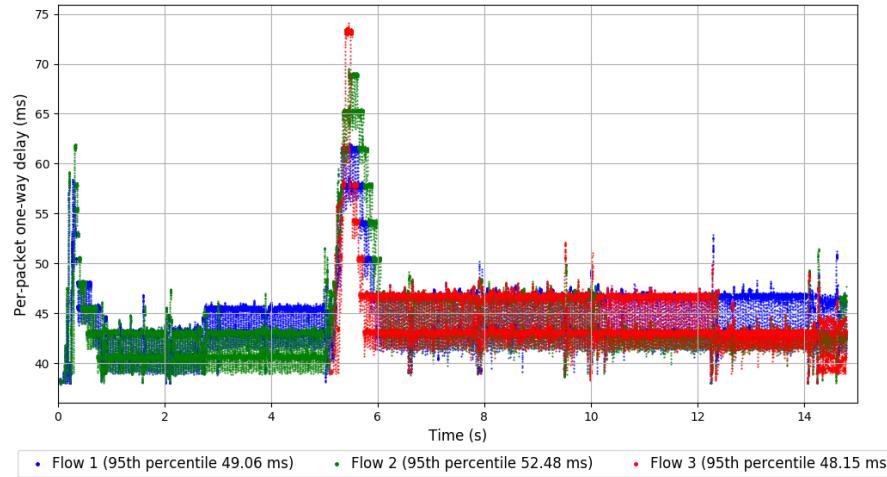
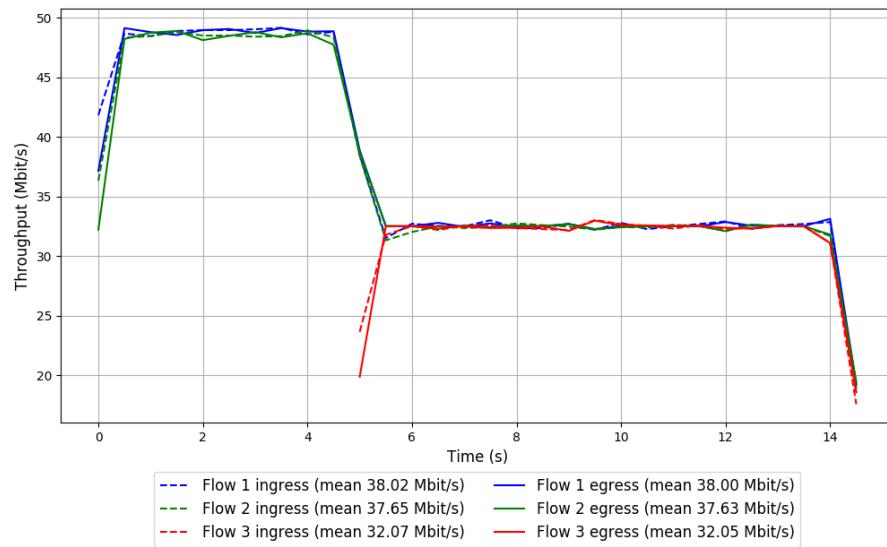
Start at: 2017-11-30 20:03:04

End at: 2017-11-30 20:03:34

Local clock offset: 5.907 ms

Remote clock offset: -22.33 ms

Run 8: Report of Indigo-calib — Data Link

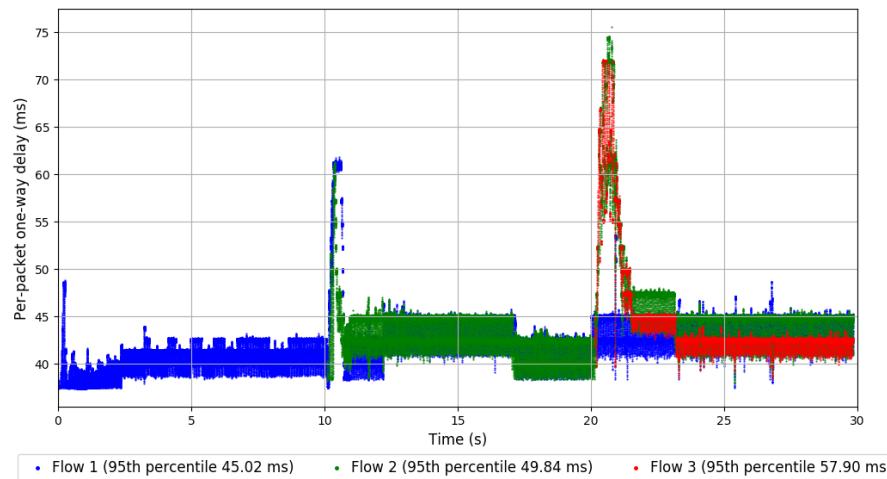
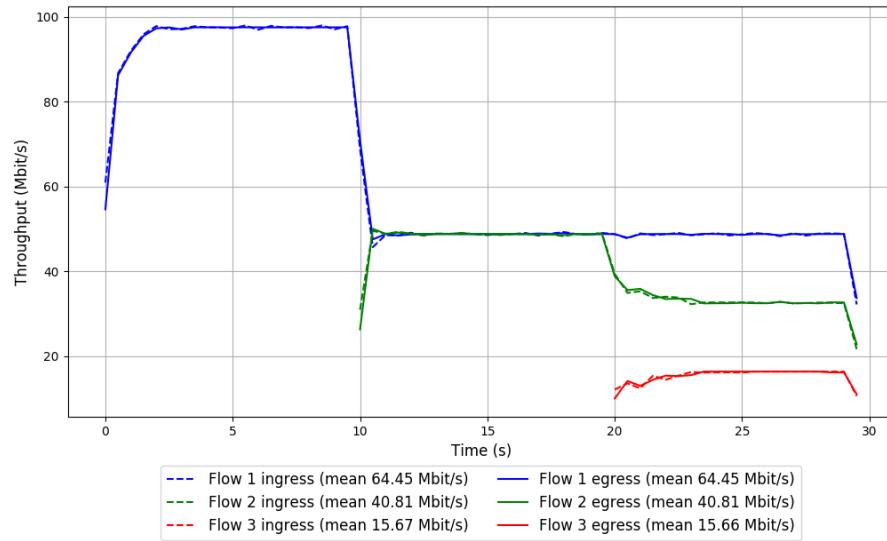


Run 9: Statistics of Indigo-calib

```
Start at: 2017-11-30 20:20:39
End at: 2017-11-30 20:21:09
Local clock offset: 4.971 ms
Remote clock offset: -21.271 ms

# Below is generated by plot.py at 2017-11-30 23:56:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.58 Mbit/s
95th percentile per-packet one-way delay: 45.498 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 64.45 Mbit/s
95th percentile per-packet one-way delay: 45.019 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 40.81 Mbit/s
95th percentile per-packet one-way delay: 49.836 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 15.66 Mbit/s
95th percentile per-packet one-way delay: 57.901 ms
Loss rate: 0.31%
```

Run 9: Report of Indigo-calib — Data Link



Run 10: Statistics of Indigo-calib

```
Start at: 2017-11-30 20:37:30
End at: 2017-11-30 20:38:00
Local clock offset: 4.343 ms
Remote clock offset: -17.028 ms

# Below is generated by plot.py at 2017-11-30 23:56:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.11 Mbit/s
95th percentile per-packet one-way delay: 42.025 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 57.02 Mbit/s
95th percentile per-packet one-way delay: 41.808 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 41.41 Mbit/s
95th percentile per-packet one-way delay: 45.516 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 32.43 Mbit/s
95th percentile per-packet one-way delay: 42.163 ms
Loss rate: 0.29%
```

Run 10: Report of Indigo-calib — Data Link

