

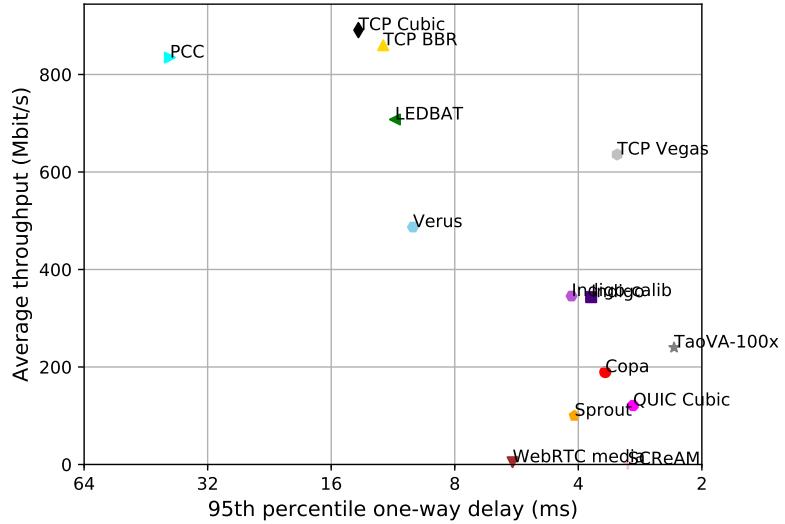
## Pantheon Report

Generated at 2017-12-01 03:55:36 (UTC).  
Data path: AWS Brazil 1 Ethernet (*local*) → Brazil Ethernet (*remote*).  
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 `gps.ntp.br` and have been applied to correct the timestamps in logs.

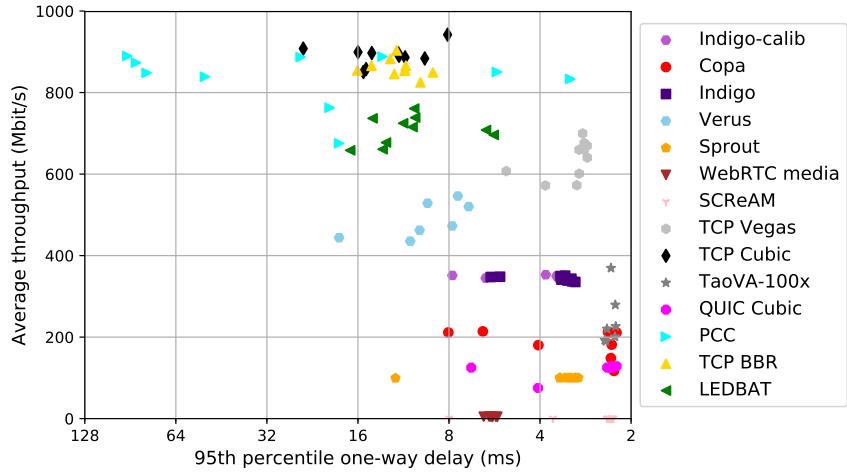
Git summary:

```
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 @ 6f2efef6e088d91066a9f023df375eee2665089ce
  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 AWS Brazil 1 Ethernet to Brazil Ethernet, 10 runs of 30s each per scheme  
3 flows with 10s interval between flows (mean of all runs by scheme)



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



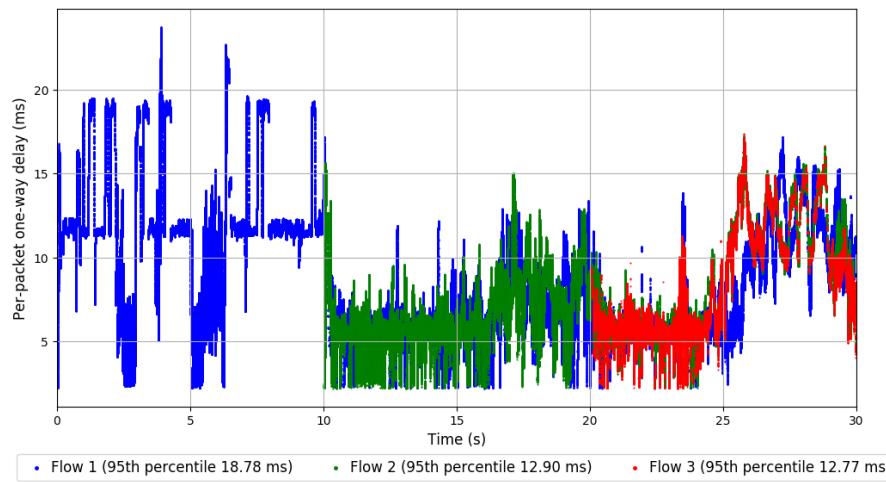
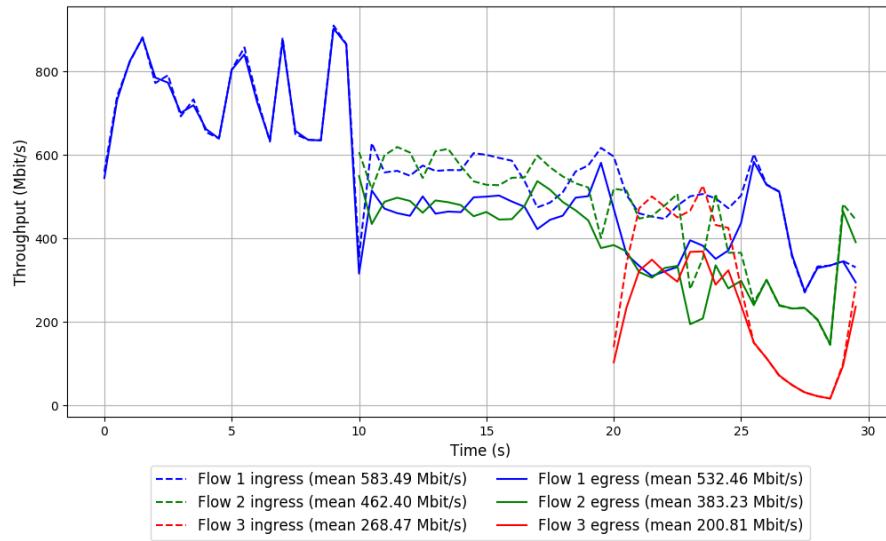
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	492.45	401.15	316.03	12.77	10.31	7.62	11.01	19.54	28.02
TCP Cubic	10	536.16	382.20	302.45	15.36	6.62	5.29	0.02	0.02	0.02
LEDBAT	10	393.54	337.66	271.25	12.19	7.46	5.47	0.04	0.07	0.11
PCC	10	677.64	168.46	137.19	44.72	5.70	3.92	0.49	0.06	0.08
QUIC Cubic	10	61.00	63.25	54.69	2.92	3.04	3.76	0.00	0.00	0.00
SCReAM	10	0.22	0.22	0.22	3.01	3.31	2.64	0.00	0.00	0.00
WebRTC media	6	2.45	1.70	0.43	5.47	5.72	7.53	0.00	0.02	0.00
Sprout	10	50.22	50.06	49.88	3.98	4.29	3.52	0.00	0.00	0.00
TaoVA-100x	7	108.44	130.69	134.91	2.31	2.41	2.44	0.00	0.00	0.00
TCP Vegas	10	319.30	318.13	315.37	3.16	3.47	2.96	0.00	0.00	0.01
Verus	7	283.01	195.34	190.80	9.51	29.02	13.75	1.03	5.29	2.49
Copa	10	95.13	102.94	108.45	3.46	3.08	2.87	0.00	0.00	0.00
Indigo	10	181.80	168.62	152.33	3.49	3.76	4.20	0.00	0.00	0.00
Indigo-calib	10	180.02	171.02	160.25	3.51	4.42	4.67	0.00	0.01	0.00

Run 1: Statistics of TCP BBR

```
Start at: 2017-11-30 21:10:36
End at: 2017-11-30 21:11:06
Local clock offset: 0.312 ms
Remote clock offset: 0.084 ms

# Below is generated by plot.py at 2017-12-01 02:16:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 854.28 Mbit/s
95th percentile per-packet one-way delay: 16.067 ms
Loss rate: 12.86%
-- Flow 1:
Average throughput: 532.46 Mbit/s
95th percentile per-packet one-way delay: 18.776 ms
Loss rate: 8.73%
-- Flow 2:
Average throughput: 383.23 Mbit/s
95th percentile per-packet one-way delay: 12.898 ms
Loss rate: 17.11%
-- Flow 3:
Average throughput: 200.81 Mbit/s
95th percentile per-packet one-way delay: 12.765 ms
Loss rate: 25.23%
```

## Run 1: Report of TCP BBR — Data Link

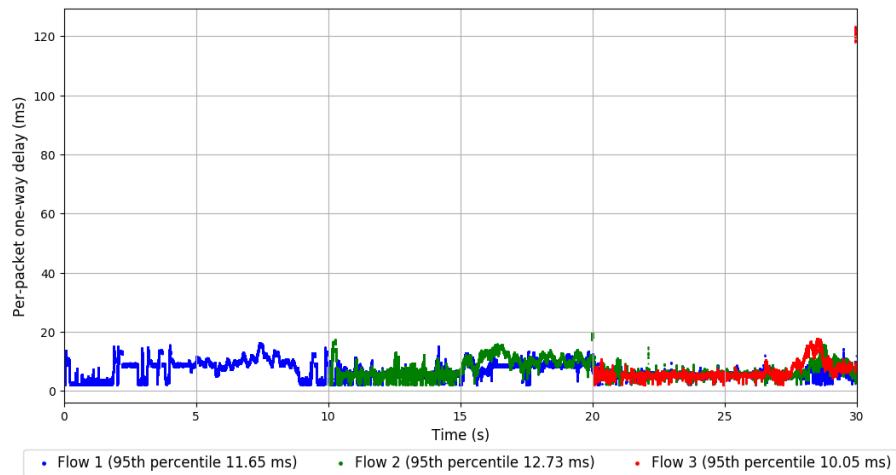
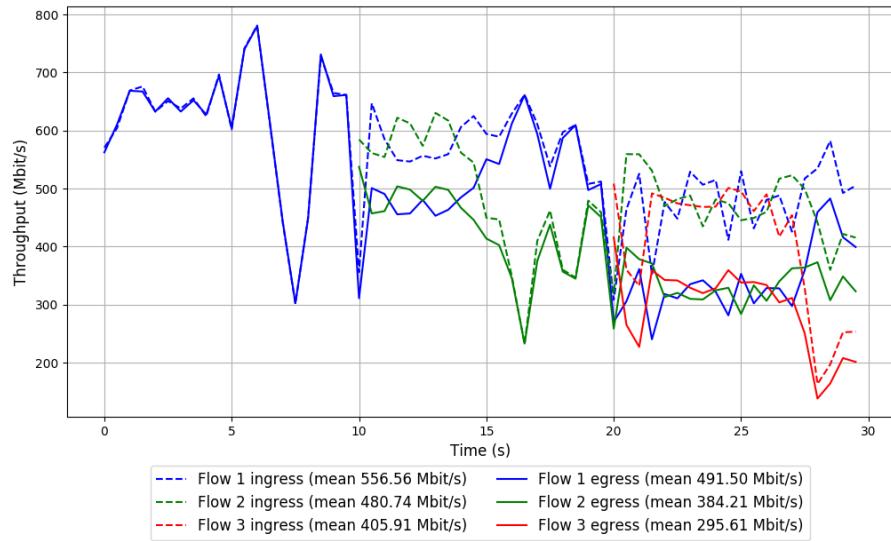


Run 2: Statistics of TCP BBR

```
Start at: 2017-11-30 21:30:04
End at: 2017-11-30 21:30:34
Local clock offset: 0.262 ms
Remote clock offset: 0.006 ms

# Below is generated by plot.py at 2017-12-01 02:16:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 845.42 Mbit/s
95th percentile per-packet one-way delay: 12.124 ms
Loss rate: 16.40%
-- Flow 1:
Average throughput: 491.50 Mbit/s
95th percentile per-packet one-way delay: 11.649 ms
Loss rate: 11.67%
-- Flow 2:
Average throughput: 384.21 Mbit/s
95th percentile per-packet one-way delay: 12.726 ms
Loss rate: 20.07%
-- Flow 3:
Average throughput: 295.61 Mbit/s
95th percentile per-packet one-way delay: 10.055 ms
Loss rate: 27.19%
```

## Run 2: Report of TCP BBR — Data Link

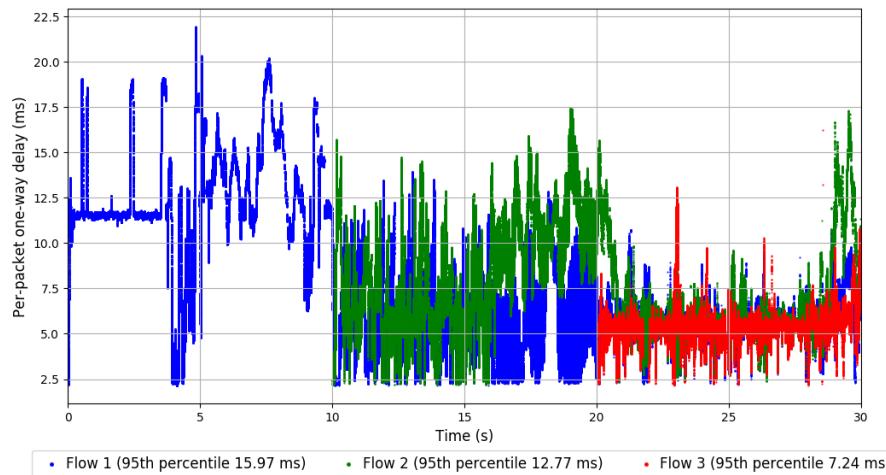
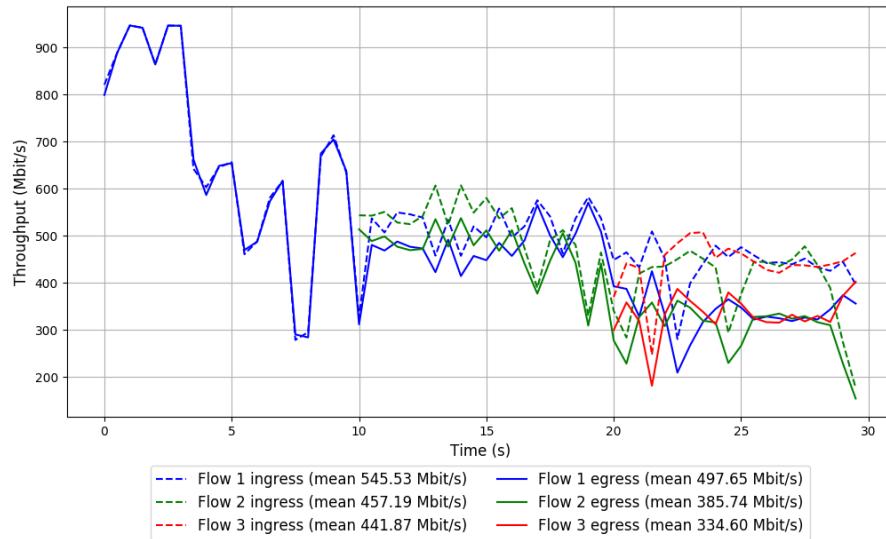


Run 3: Statistics of TCP BBR

```
Start at: 2017-11-30 21:49:17
End at: 2017-11-30 21:49:47
Local clock offset: 0.177 ms
Remote clock offset: -0.1 ms

# Below is generated by plot.py at 2017-12-01 02:16:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 865.70 Mbit/s
95th percentile per-packet one-way delay: 14.426 ms
Loss rate: 13.13%
-- Flow 1:
Average throughput: 497.65 Mbit/s
95th percentile per-packet one-way delay: 15.969 ms
Loss rate: 8.76%
-- Flow 2:
Average throughput: 385.74 Mbit/s
95th percentile per-packet one-way delay: 12.765 ms
Loss rate: 15.61%
-- Flow 3:
Average throughput: 334.60 Mbit/s
95th percentile per-packet one-way delay: 7.239 ms
Loss rate: 24.25%
```

### Run 3: Report of TCP BBR — Data Link

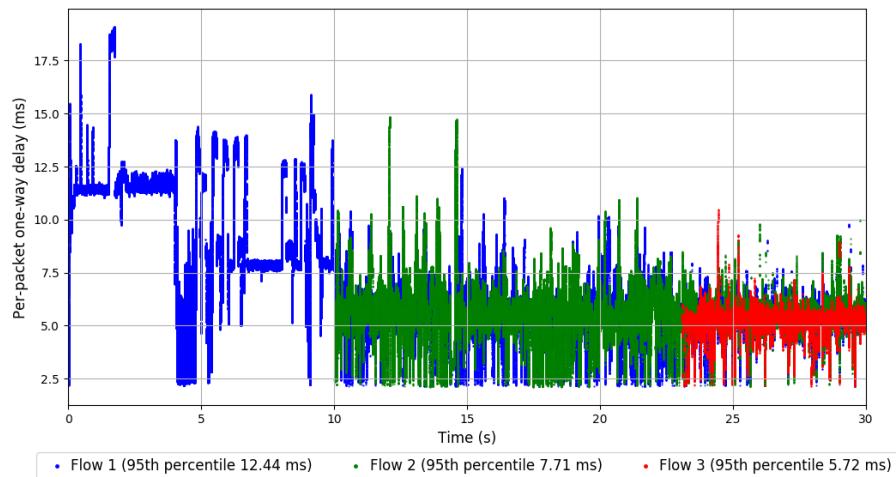
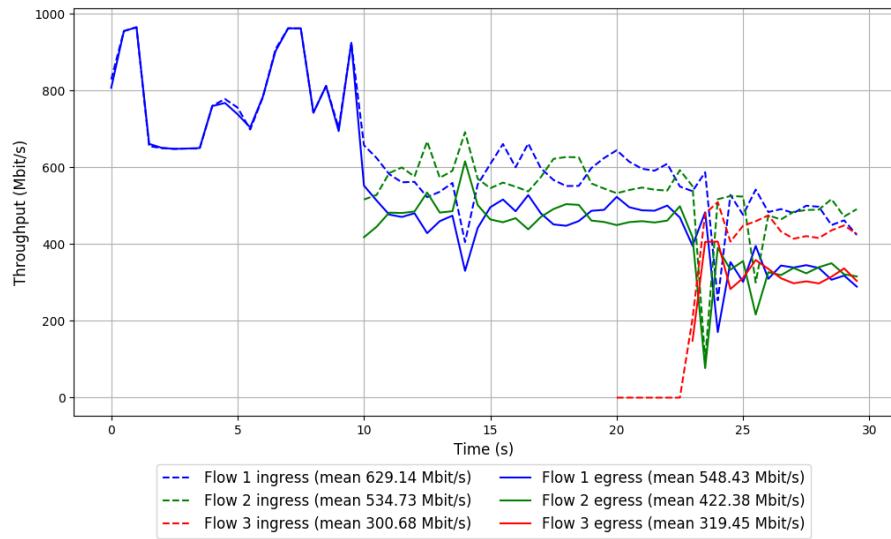


Run 4: Statistics of TCP BBR

```
Start at: 2017-11-30 22:08:35
End at: 2017-11-30 22:09:05
Local clock offset: 0.134 ms
Remote clock offset: -0.198 ms

# Below is generated by plot.py at 2017-12-01 02:16:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 903.36 Mbit/s
95th percentile per-packet one-way delay: 11.918 ms
Loss rate: 16.73%
-- Flow 1:
Average throughput: 548.43 Mbit/s
95th percentile per-packet one-way delay: 12.439 ms
Loss rate: 12.82%
-- Flow 2:
Average throughput: 422.38 Mbit/s
95th percentile per-packet one-way delay: 7.715 ms
Loss rate: 21.00%
-- Flow 3:
Average throughput: 319.45 Mbit/s
95th percentile per-packet one-way delay: 5.718 ms
Loss rate: 26.16%
```

## Run 4: Report of TCP BBR — Data Link

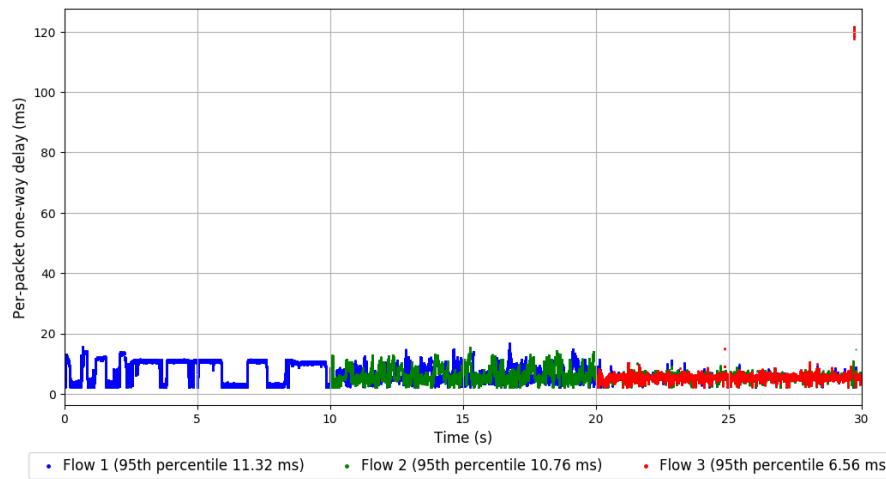
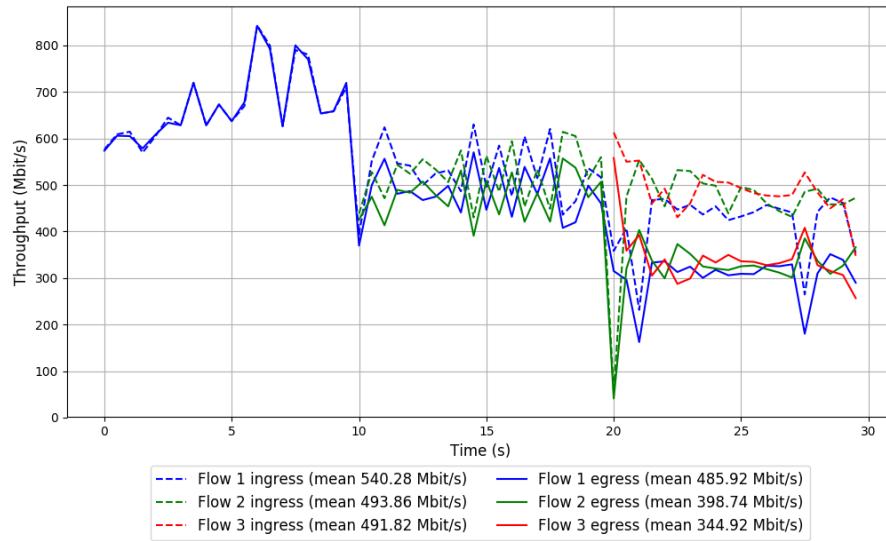


Run 5: Statistics of TCP BBR

```
Start at: 2017-11-30 22:28:19
End at: 2017-11-30 22:28:49
Local clock offset: -0.048 ms
Remote clock offset: -0.256 ms

# Below is generated by plot.py at 2017-12-01 02:16:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 865.86 Mbit/s
95th percentile per-packet one-way delay: 11.115 ms
Loss rate: 16.11%
-- Flow 1:
Average throughput: 485.92 Mbit/s
95th percentile per-packet one-way delay: 11.324 ms
Loss rate: 10.05%
-- Flow 2:
Average throughput: 398.74 Mbit/s
95th percentile per-packet one-way delay: 10.760 ms
Loss rate: 19.25%
-- Flow 3:
Average throughput: 344.92 Mbit/s
95th percentile per-packet one-way delay: 6.558 ms
Loss rate: 29.87%
```

### Run 5: Report of TCP BBR — Data Link

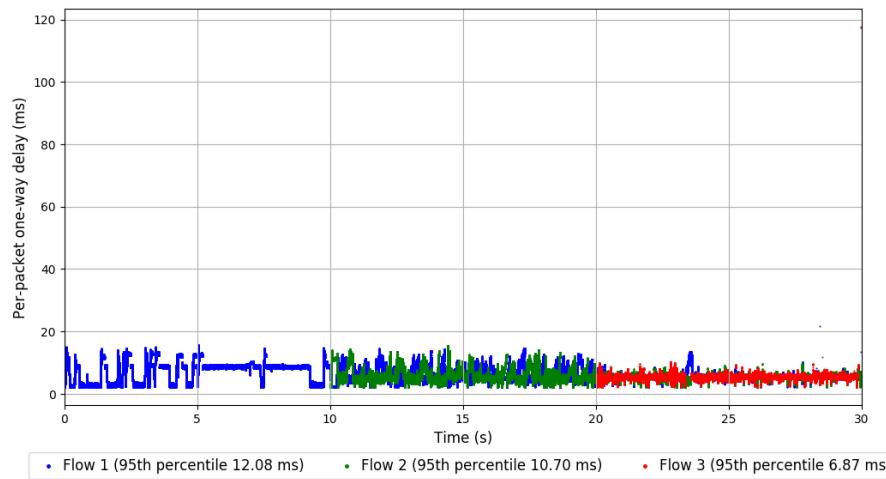
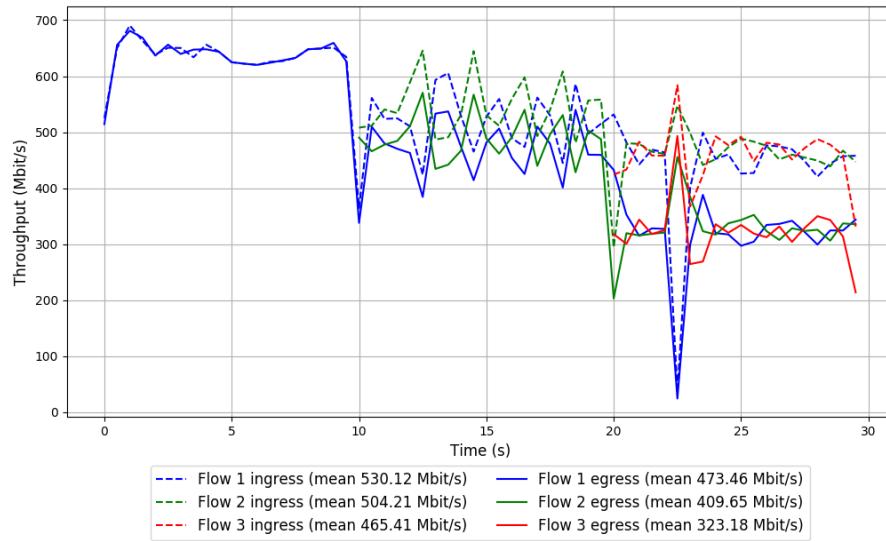


Run 6: Statistics of TCP BBR

```
Start at: 2017-11-30 22:47:41
End at: 2017-11-30 22:48:11
Local clock offset: -0.044 ms
Remote clock offset: -0.361 ms

# Below is generated by plot.py at 2017-12-01 02:16:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 853.56 Mbit/s
95th percentile per-packet one-way delay: 11.211 ms
Loss rate: 16.20%
-- Flow 1:
Average throughput: 473.46 Mbit/s
95th percentile per-packet one-way delay: 12.084 ms
Loss rate: 10.65%
-- Flow 2:
Average throughput: 409.65 Mbit/s
95th percentile per-packet one-way delay: 10.697 ms
Loss rate: 18.74%
-- Flow 3:
Average throughput: 323.18 Mbit/s
95th percentile per-packet one-way delay: 6.871 ms
Loss rate: 29.83%
```

## Run 6: Report of TCP BBR — Data Link

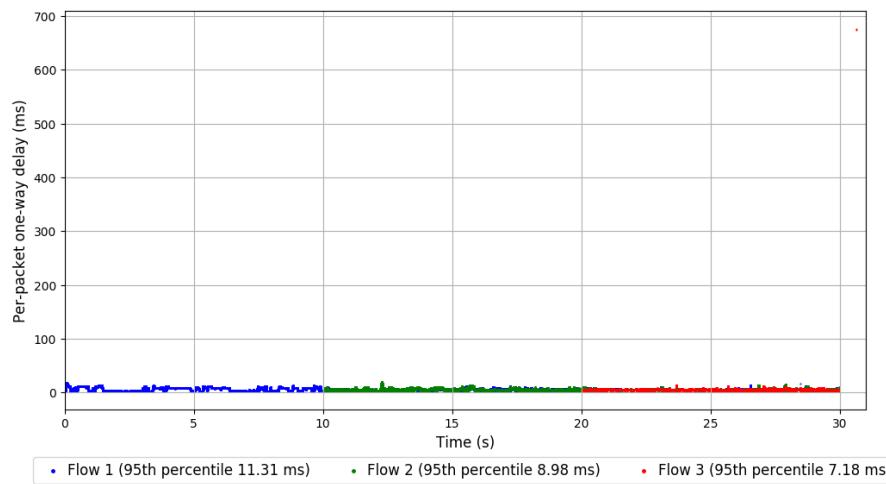
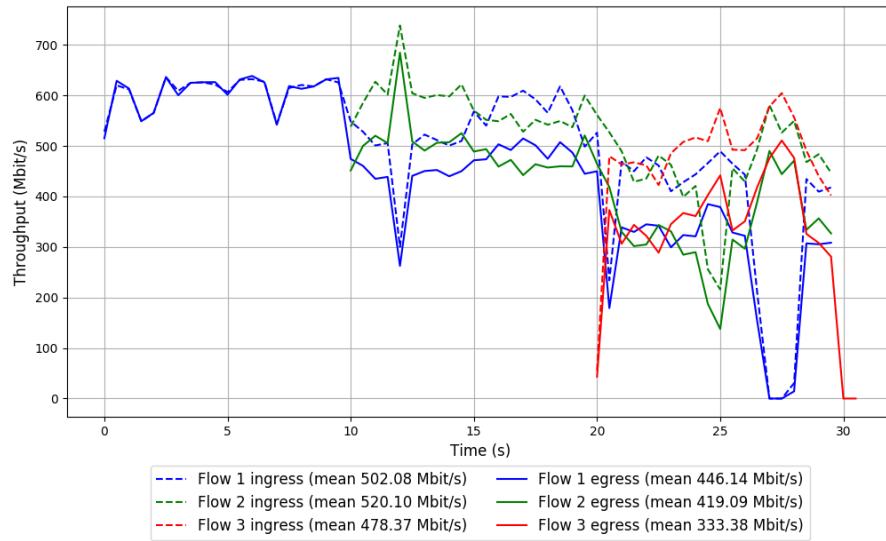


Run 7: Statistics of TCP BBR

```
Start at: 2017-11-30 23:06:51
End at: 2017-11-30 23:07:21
Local clock offset: -0.08 ms
Remote clock offset: -0.368 ms

# Below is generated by plot.py at 2017-12-01 02:16:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 825.04 Mbit/s
95th percentile per-packet one-way delay: 9.942 ms
Loss rate: 16.27%
-- Flow 1:
Average throughput: 446.14 Mbit/s
95th percentile per-packet one-way delay: 11.306 ms
Loss rate: 11.13%
-- Flow 2:
Average throughput: 419.09 Mbit/s
95th percentile per-packet one-way delay: 8.984 ms
Loss rate: 19.41%
-- Flow 3:
Average throughput: 333.38 Mbit/s
95th percentile per-packet one-way delay: 7.182 ms
Loss rate: 25.67%
```

## Run 7: Report of TCP BBR — Data Link

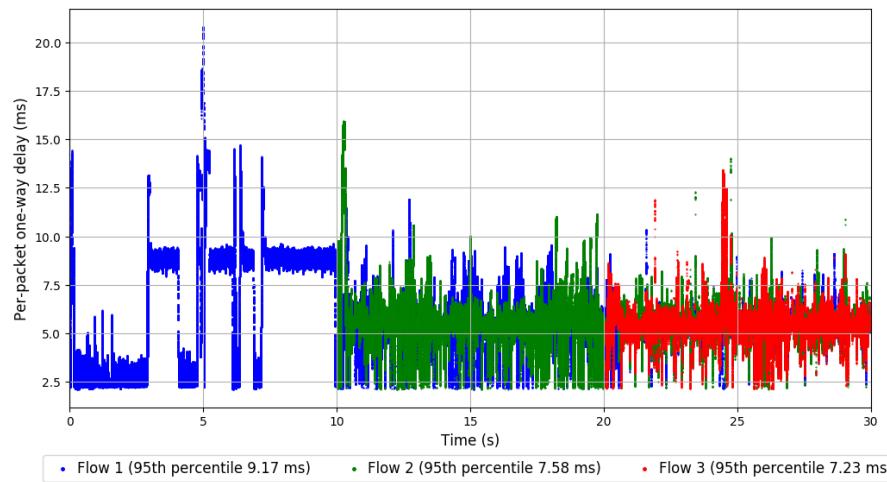
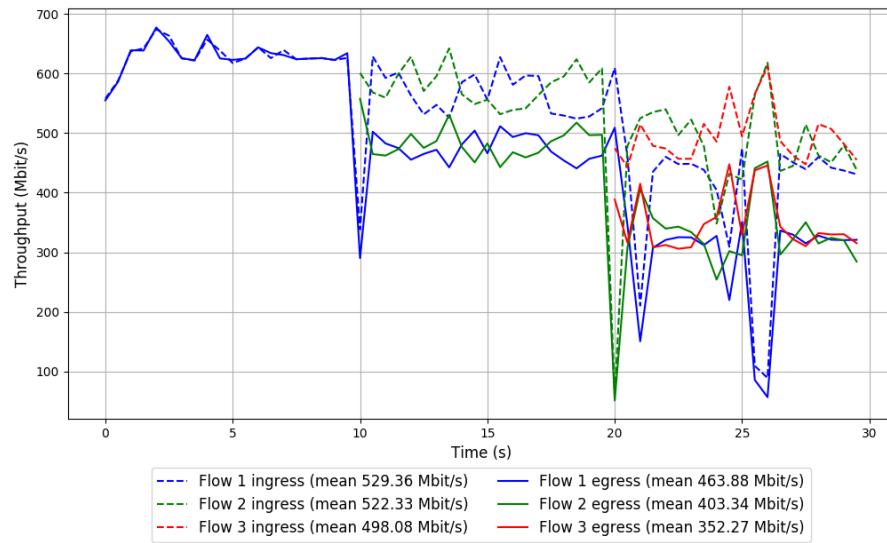


Run 8: Statistics of TCP BBR

```
Start at: 2017-11-30 23:26:24
End at: 2017-11-30 23:26:54
Local clock offset: -0.107 ms
Remote clock offset: -0.357 ms

# Below is generated by plot.py at 2017-12-01 02:16:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 849.36 Mbit/s
95th percentile per-packet one-way delay: 9.040 ms
Loss rate: 18.52%
-- Flow 1:
Average throughput: 463.88 Mbit/s
95th percentile per-packet one-way delay: 9.171 ms
Loss rate: 12.36%
-- Flow 2:
Average throughput: 403.34 Mbit/s
95th percentile per-packet one-way delay: 7.577 ms
Loss rate: 22.77%
-- Flow 3:
Average throughput: 352.27 Mbit/s
95th percentile per-packet one-way delay: 7.230 ms
Loss rate: 29.27%
```

### Run 8: Report of TCP BBR — Data Link

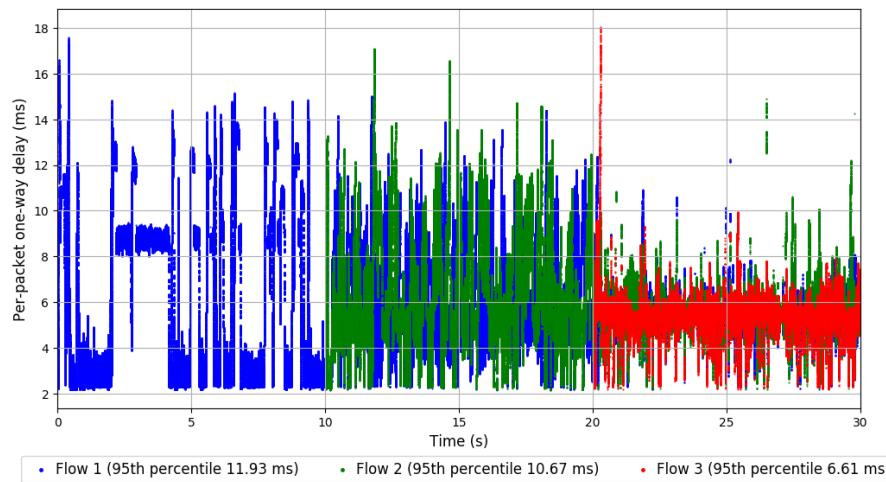
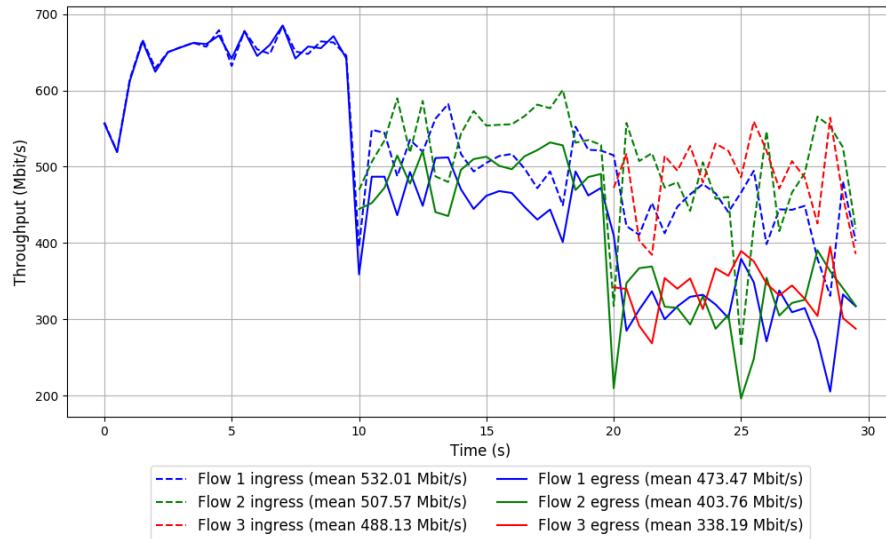


Run 9: Statistics of TCP BBR

```
Start at: 2017-11-30 23:45:54
End at: 2017-11-30 23:46:24
Local clock offset: -0.123 ms
Remote clock offset: -0.252 ms

# Below is generated by plot.py at 2017-12-01 02:29:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 854.62 Mbit/s
95th percentile per-packet one-way delay: 11.176 ms
Loss rate: 17.18%
-- Flow 1:
Average throughput: 473.47 Mbit/s
95th percentile per-packet one-way delay: 11.929 ms
Loss rate: 11.00%
-- Flow 2:
Average throughput: 403.76 Mbit/s
95th percentile per-packet one-way delay: 10.670 ms
Loss rate: 20.44%
-- Flow 3:
Average throughput: 338.19 Mbit/s
95th percentile per-packet one-way delay: 6.613 ms
Loss rate: 30.70%
```

### Run 9: Report of TCP BBR — Data Link

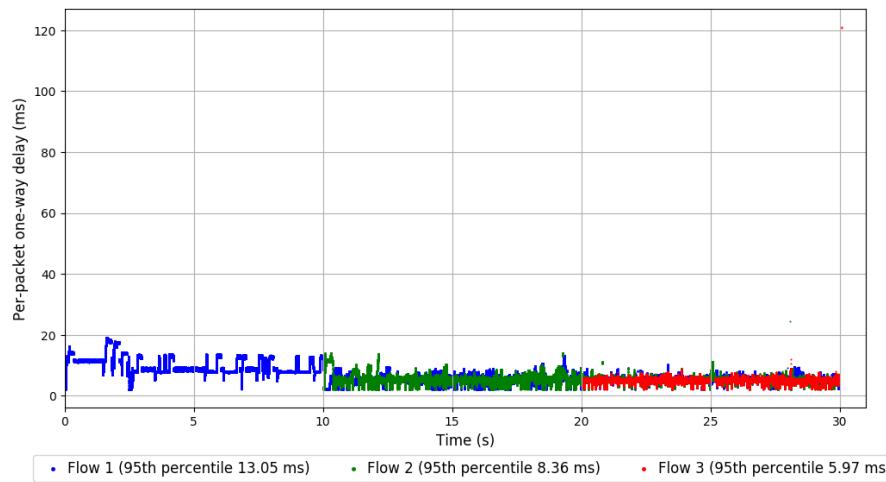
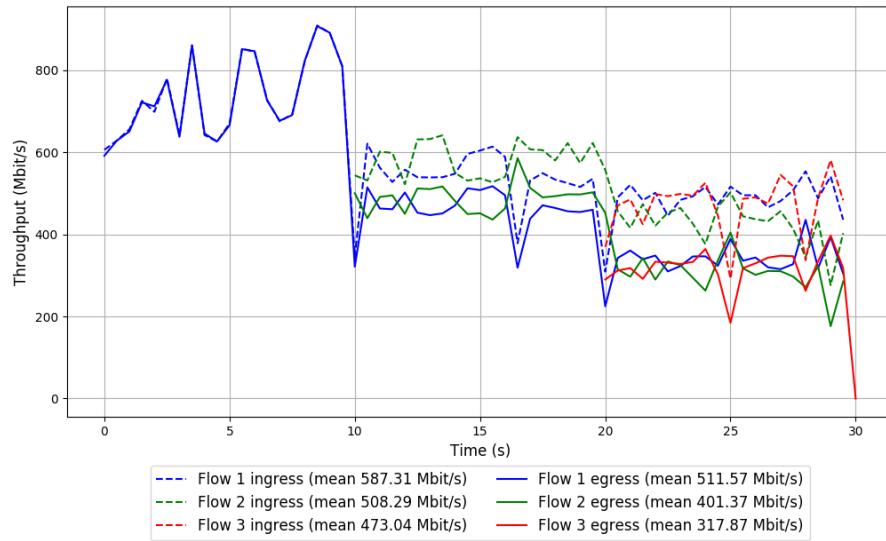


Run 10: Statistics of TCP BBR

```
Start at: 2017-12-01 00:05:18
End at: 2017-12-01 00:05:48
Local clock offset: -0.125 ms
Remote clock offset: -0.279 ms

# Below is generated by plot.py at 2017-12-01 02:30:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 882.46 Mbit/s
95th percentile per-packet one-way delay: 12.502 ms
Loss rate: 18.22%
-- Flow 1:
Average throughput: 511.57 Mbit/s
95th percentile per-packet one-way delay: 13.046 ms
Loss rate: 12.89%
-- Flow 2:
Average throughput: 401.37 Mbit/s
95th percentile per-packet one-way delay: 8.357 ms
Loss rate: 21.03%
-- Flow 3:
Average throughput: 317.87 Mbit/s
95th percentile per-packet one-way delay: 5.968 ms
Loss rate: 32.08%
```

## Run 10: Report of TCP BBR — Data Link

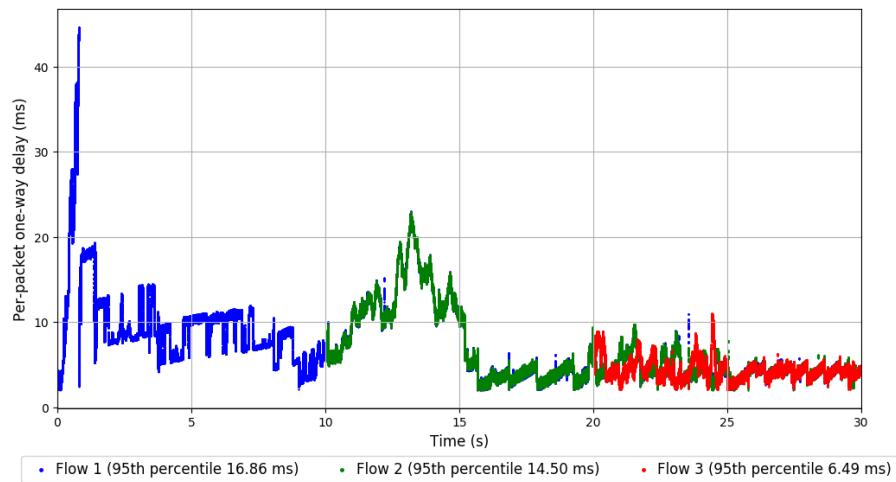
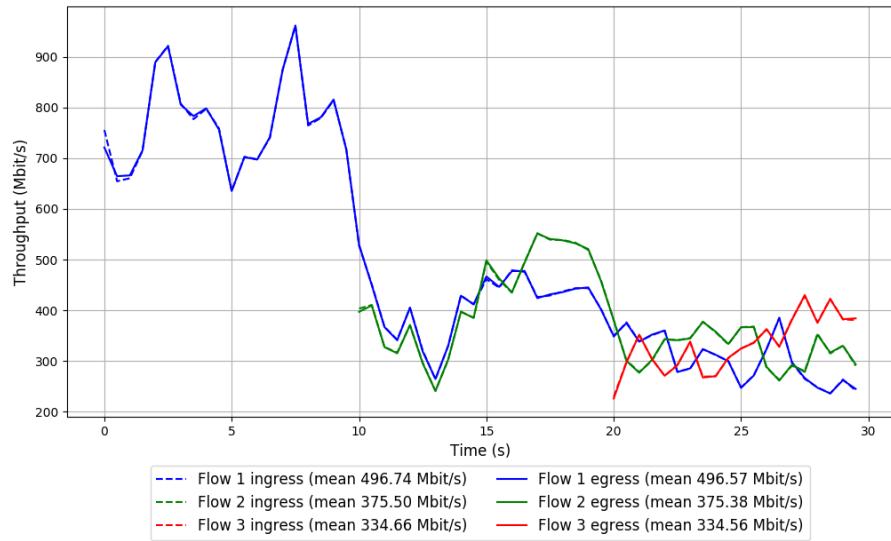


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2017-11-30 21:05:11
End at: 2017-11-30 21:05:41
Local clock offset: 0.443 ms
Remote clock offset: 0.052 ms

# Below is generated by plot.py at 2017-12-01 02:30:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 857.55 Mbit/s
95th percentile per-packet one-way delay: 15.036 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 496.57 Mbit/s
95th percentile per-packet one-way delay: 16.858 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 375.38 Mbit/s
95th percentile per-packet one-way delay: 14.498 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 334.56 Mbit/s
95th percentile per-packet one-way delay: 6.492 ms
Loss rate: 0.04%
```

### Run 1: Report of TCP Cubic — Data Link

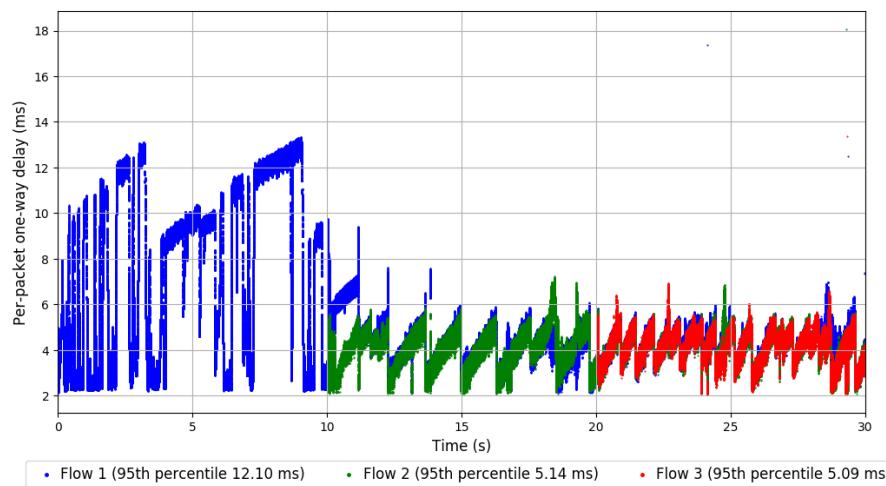
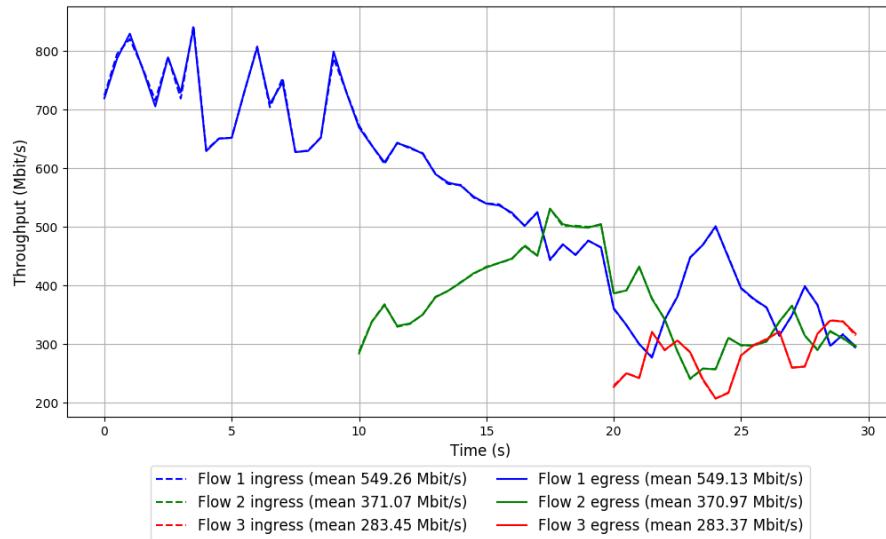


Run 2: Statistics of TCP Cubic

```
Start at: 2017-11-30 21:24:41
End at: 2017-11-30 21:25:11
Local clock offset: 0.304 ms
Remote clock offset: -0.024 ms

# Below is generated by plot.py at 2017-12-01 02:30:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 890.19 Mbit/s
95th percentile per-packet one-way delay: 11.708 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 549.13 Mbit/s
95th percentile per-packet one-way delay: 12.102 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 370.97 Mbit/s
95th percentile per-packet one-way delay: 5.143 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 283.37 Mbit/s
95th percentile per-packet one-way delay: 5.089 ms
Loss rate: 0.02%
```

## Run 2: Report of TCP Cubic — Data Link

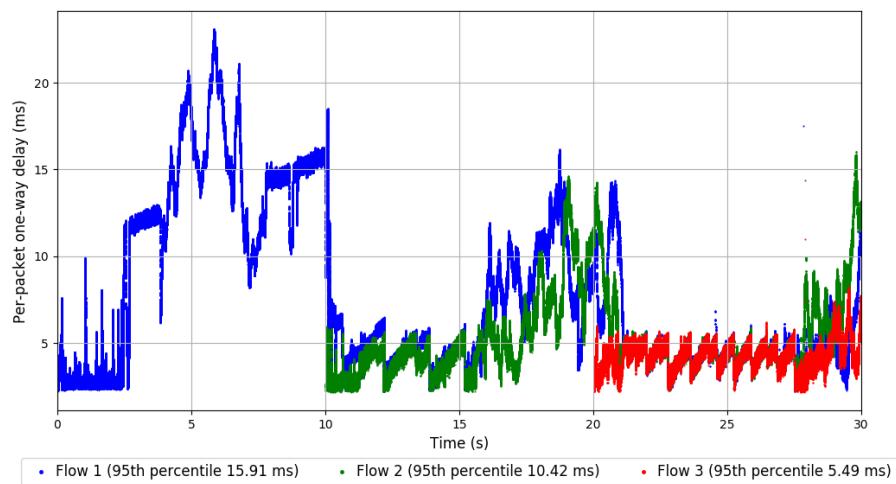
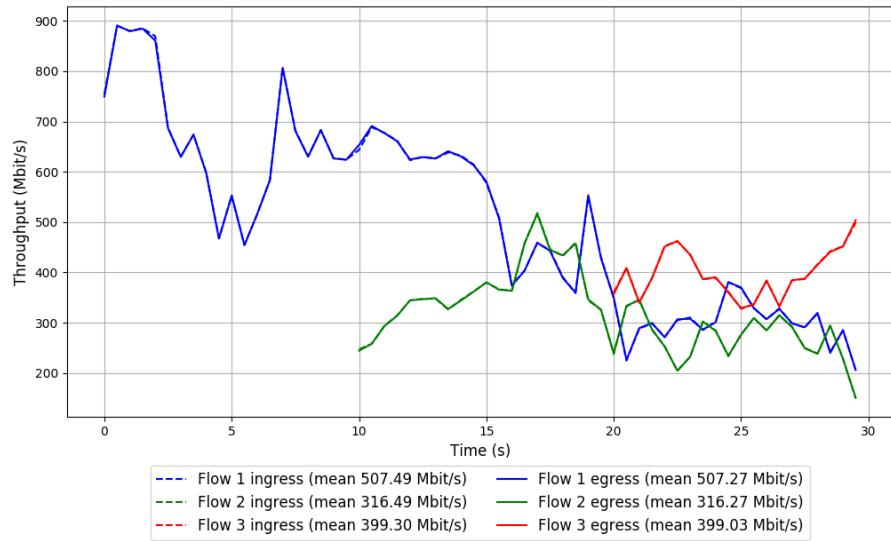


Run 3: Statistics of TCP Cubic

```
Start at: 2017-11-30 21:43:53
End at: 2017-11-30 21:44:23
Local clock offset: 0.159 ms
Remote clock offset: -0.078 ms

# Below is generated by plot.py at 2017-12-01 02:30:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 850.46 Mbit/s
95th percentile per-packet one-way delay: 15.348 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 507.27 Mbit/s
95th percentile per-packet one-way delay: 15.909 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 316.27 Mbit/s
95th percentile per-packet one-way delay: 10.421 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 399.03 Mbit/s
95th percentile per-packet one-way delay: 5.494 ms
Loss rate: 0.02%
```

### Run 3: Report of TCP Cubic — Data Link

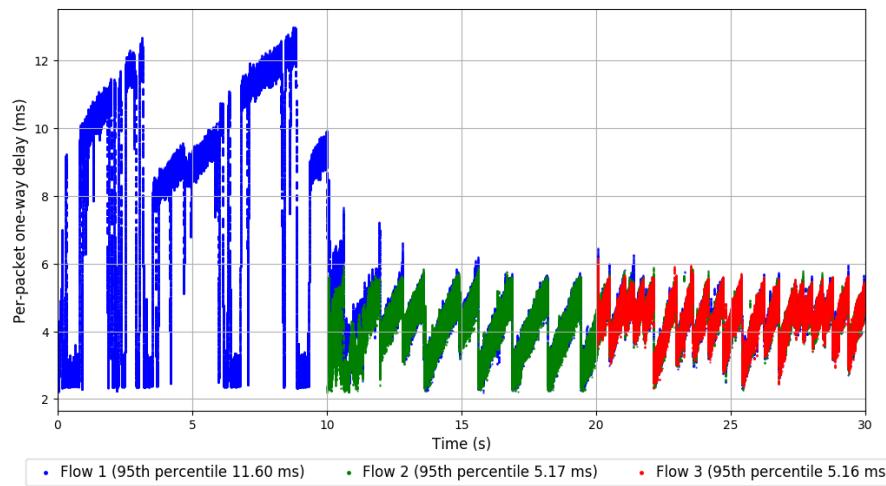
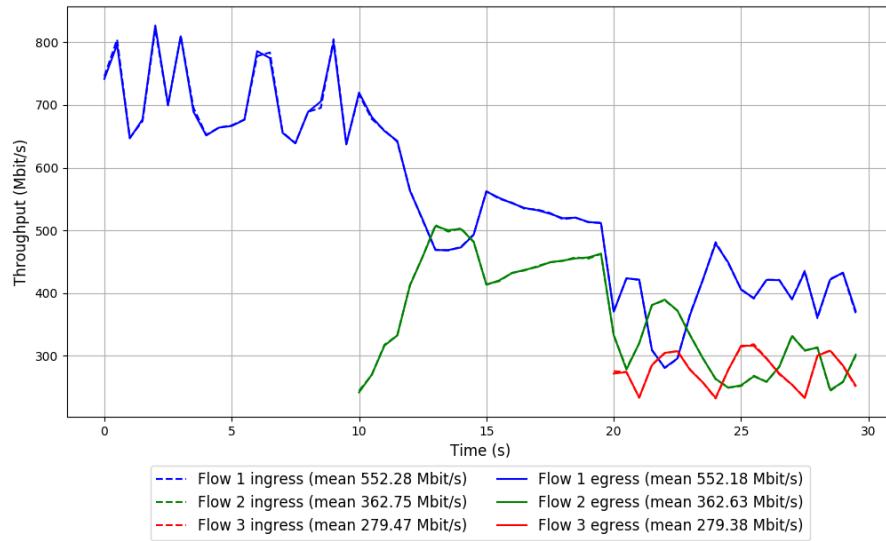


Run 4: Statistics of TCP Cubic

```
Start at: 2017-11-30 22:03:09
End at: 2017-11-30 22:03:39
Local clock offset: 0.101 ms
Remote clock offset: -0.173 ms

# Below is generated by plot.py at 2017-12-01 02:30:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 886.34 Mbit/s
95th percentile per-packet one-way delay: 11.171 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 552.18 Mbit/s
95th percentile per-packet one-way delay: 11.597 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 362.63 Mbit/s
95th percentile per-packet one-way delay: 5.170 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 279.38 Mbit/s
95th percentile per-packet one-way delay: 5.159 ms
Loss rate: 0.03%
```

### Run 4: Report of TCP Cubic — Data Link

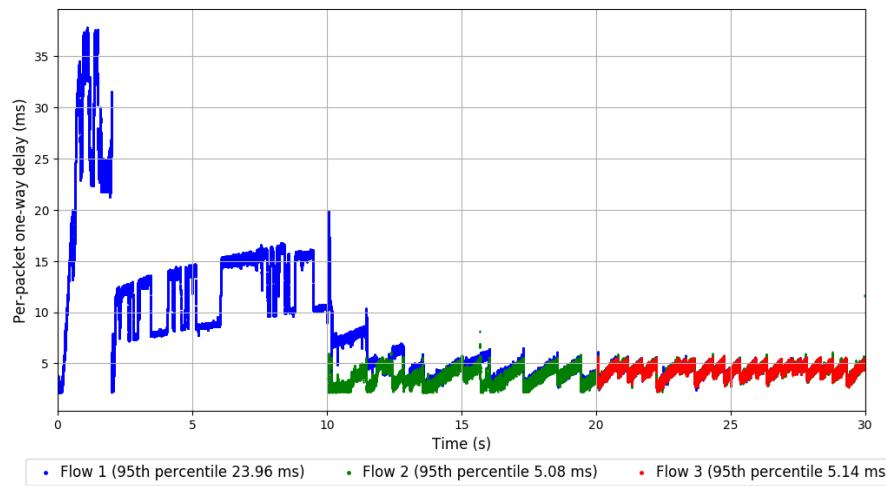
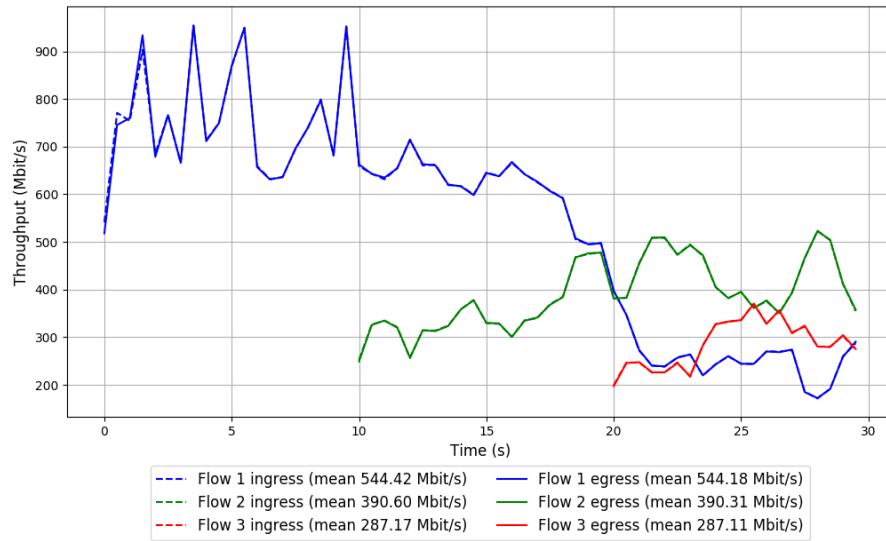


Run 5: Statistics of TCP Cubic

```
Start at: 2017-11-30 22:22:52
End at: 2017-11-30 22:23:22
Local clock offset: 0.05 ms
Remote clock offset: -0.224 ms

# Below is generated by plot.py at 2017-12-01 02:30:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 899.26 Mbit/s
95th percentile per-packet one-way delay: 15.988 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 544.18 Mbit/s
95th percentile per-packet one-way delay: 23.956 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 390.31 Mbit/s
95th percentile per-packet one-way delay: 5.083 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 287.11 Mbit/s
95th percentile per-packet one-way delay: 5.137 ms
Loss rate: 0.01%
```

### Run 5: Report of TCP Cubic — Data Link

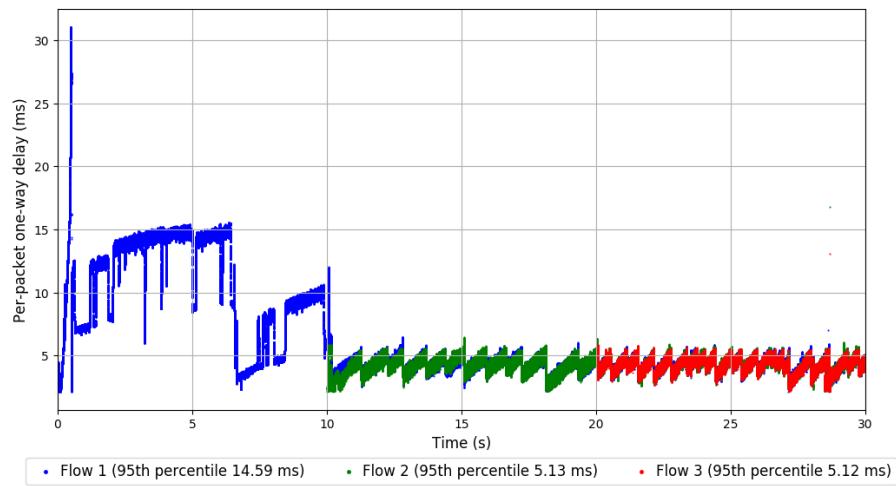
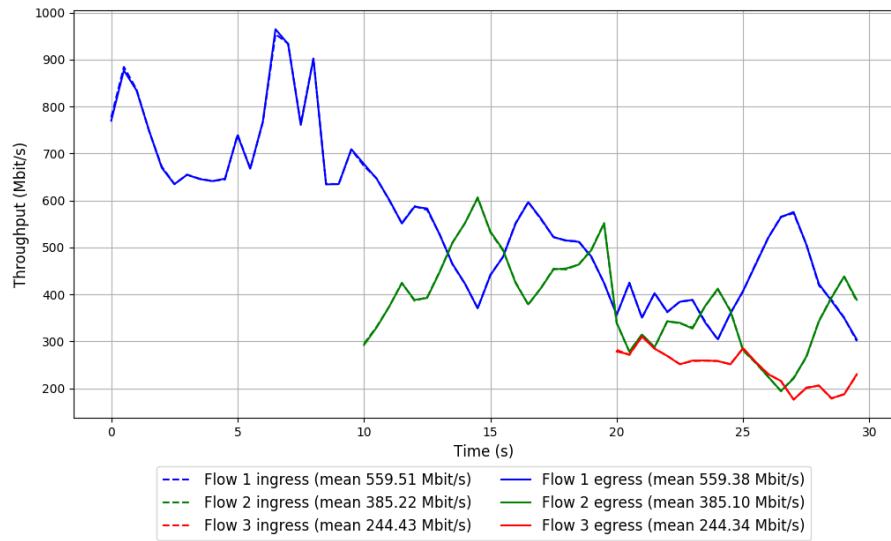


Run 6: Statistics of TCP Cubic

```
Start at: 2017-11-30 22:42:21
End at: 2017-11-30 22:42:51
Local clock offset: -0.015 ms
Remote clock offset: -0.308 ms

# Below is generated by plot.py at 2017-12-01 02:30:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 896.96 Mbit/s
95th percentile per-packet one-way delay: 14.397 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 559.38 Mbit/s
95th percentile per-packet one-way delay: 14.592 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 385.10 Mbit/s
95th percentile per-packet one-way delay: 5.131 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 244.34 Mbit/s
95th percentile per-packet one-way delay: 5.123 ms
Loss rate: 0.03%
```

## Run 6: Report of TCP Cubic — Data Link

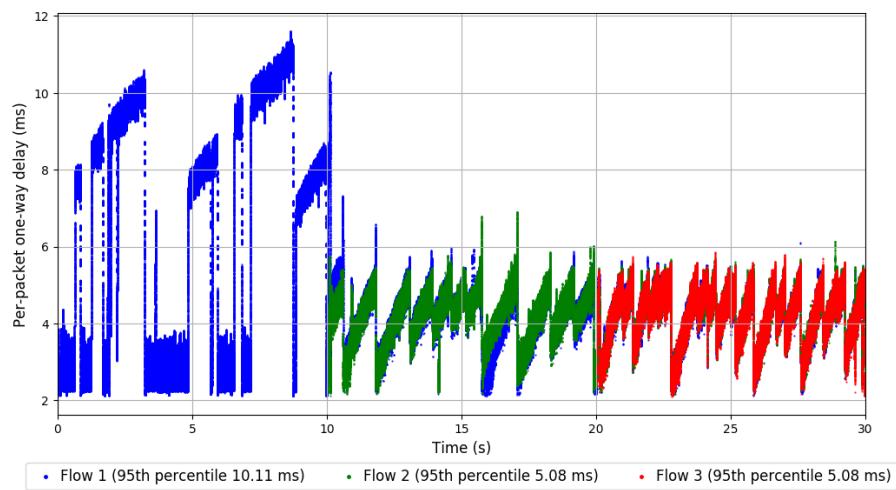
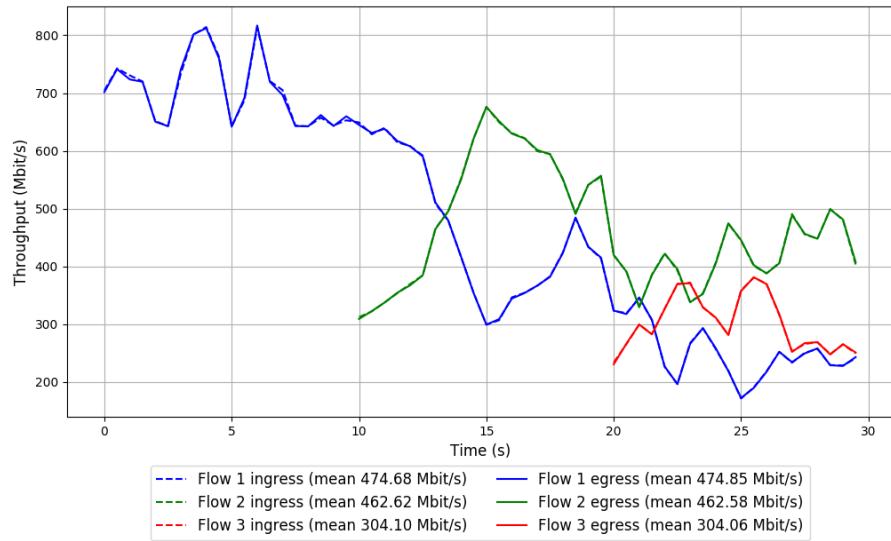


Run 7: Statistics of TCP Cubic

```
Start at: 2017-11-30 23:01:26
End at: 2017-11-30 23:01:56
Local clock offset: -0.062 ms
Remote clock offset: -0.374 ms

# Below is generated by plot.py at 2017-12-01 02:41:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 883.67 Mbit/s
95th percentile per-packet one-way delay: 9.621 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 474.85 Mbit/s
95th percentile per-packet one-way delay: 10.109 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 462.58 Mbit/s
95th percentile per-packet one-way delay: 5.083 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 304.06 Mbit/s
95th percentile per-packet one-way delay: 5.076 ms
Loss rate: 0.02%
```

### Run 7: Report of TCP Cubic — Data Link

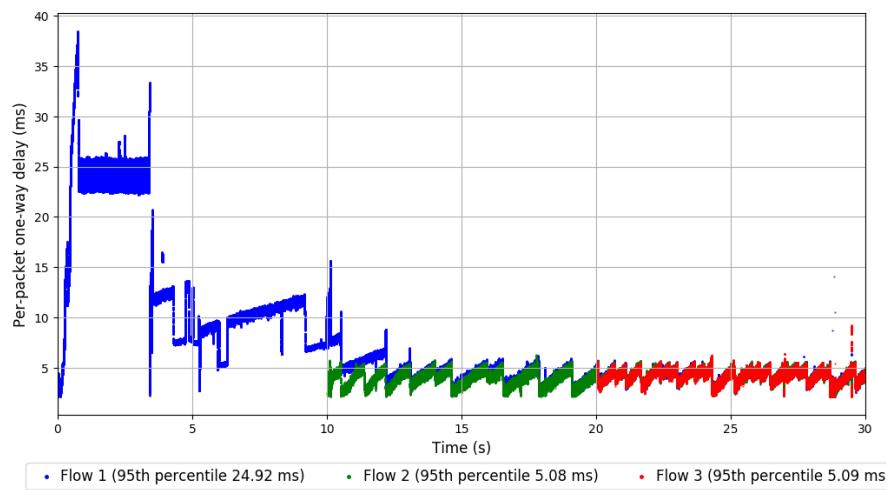
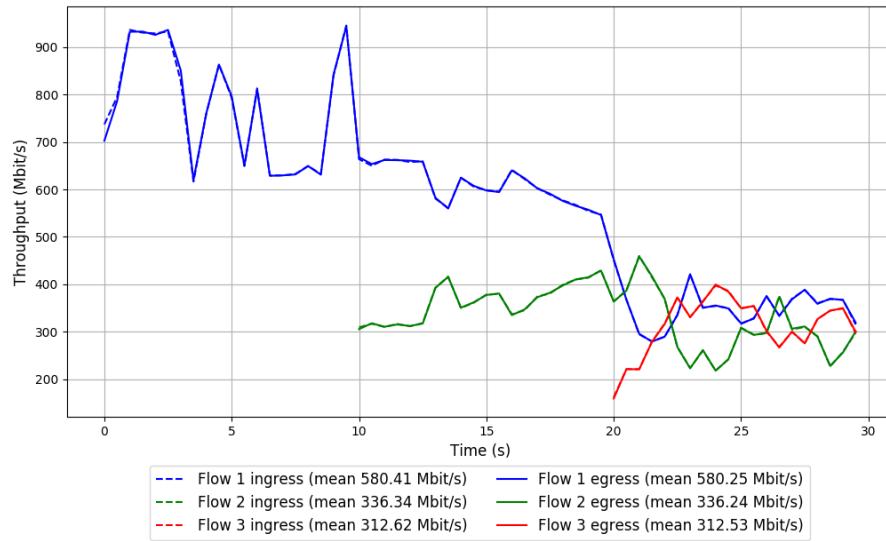


Run 8: Statistics of TCP Cubic

```
Start at: 2017-11-30 23:20:57
End at: 2017-11-30 23:21:27
Local clock offset: -0.117 ms
Remote clock offset: -0.364 ms

# Below is generated by plot.py at 2017-12-01 02:42:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 907.85 Mbit/s
95th percentile per-packet one-way delay: 24.260 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 580.25 Mbit/s
95th percentile per-packet one-way delay: 24.917 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 336.24 Mbit/s
95th percentile per-packet one-way delay: 5.084 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 312.53 Mbit/s
95th percentile per-packet one-way delay: 5.090 ms
Loss rate: 0.02%
```

Run 8: Report of TCP Cubic — Data Link

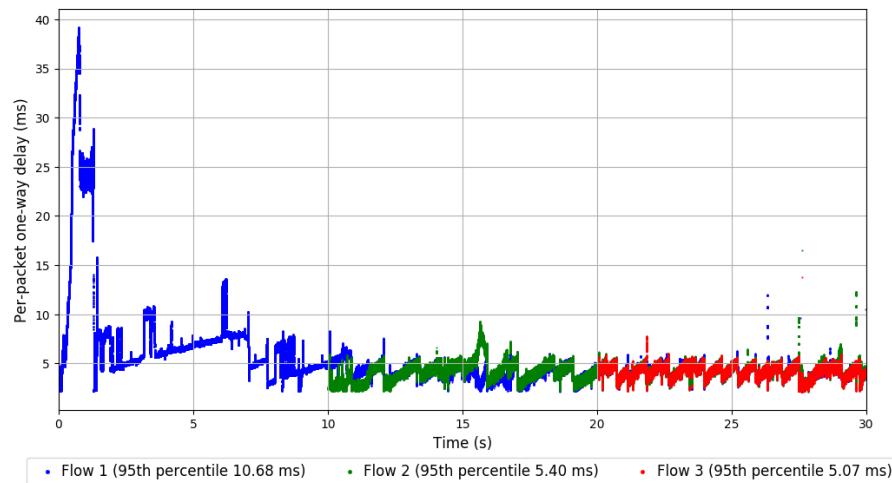
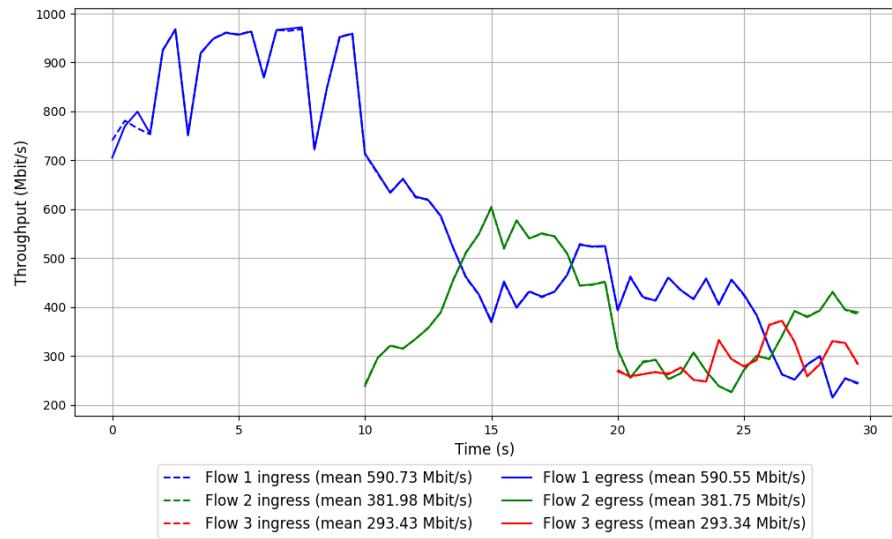


Run 9: Statistics of TCP Cubic

```
Start at: 2017-11-30 23:40:31
End at: 2017-11-30 23:41:01
Local clock offset: -0.147 ms
Remote clock offset: -0.317 ms

# Below is generated by plot.py at 2017-12-01 02:42:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 942.01 Mbit/s
95th percentile per-packet one-way delay: 8.086 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 590.55 Mbit/s
95th percentile per-packet one-way delay: 10.682 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 381.75 Mbit/s
95th percentile per-packet one-way delay: 5.401 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 293.34 Mbit/s
95th percentile per-packet one-way delay: 5.074 ms
Loss rate: 0.02%
```

### Run 9: Report of TCP Cubic — Data Link

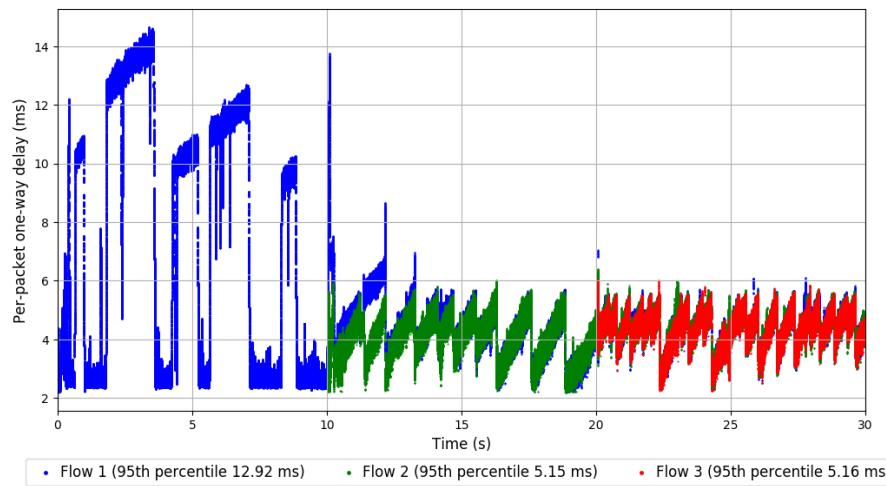
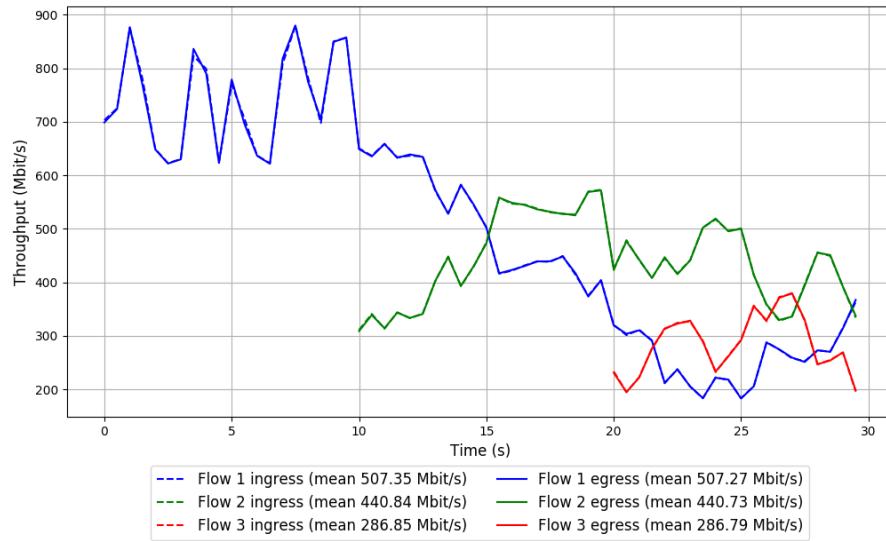


```
Run 10: Statistics of TCP Cubic
```

```
Start at: 2017-11-30 23:59:54
End at: 2017-12-01 00:00:24
Local clock offset: -0.181 ms
Remote clock offset: -0.221 ms

# Below is generated by plot.py at 2017-12-01 02:42:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 895.81 Mbit/s
95th percentile per-packet one-way delay: 11.753 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 507.27 Mbit/s
95th percentile per-packet one-way delay: 12.918 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 440.73 Mbit/s
95th percentile per-packet one-way delay: 5.147 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 286.79 Mbit/s
95th percentile per-packet one-way delay: 5.155 ms
Loss rate: 0.02%
```

## Run 10: Report of TCP Cubic — Data Link

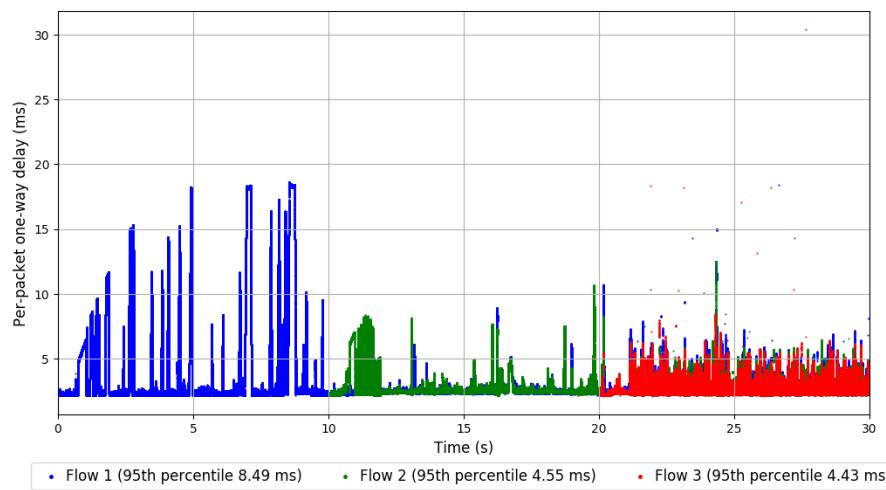
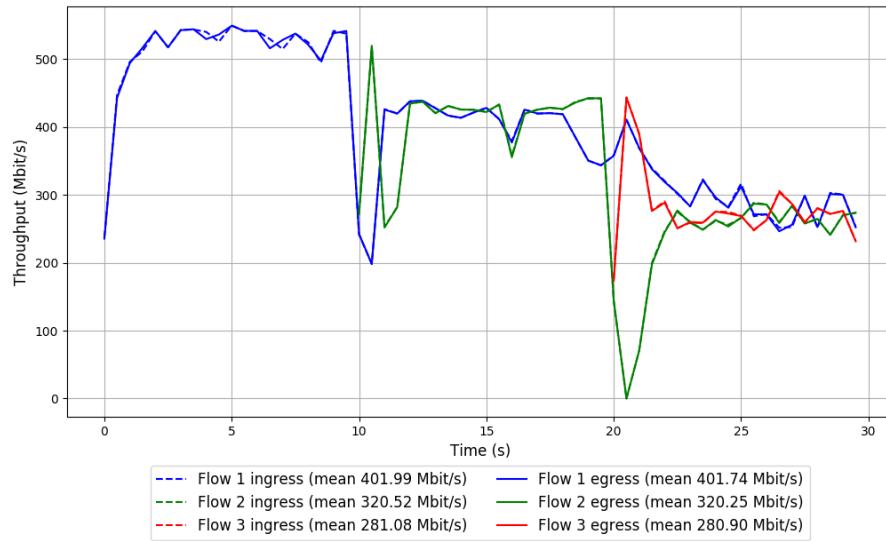


```
Run 1: Statistics of LEDBAT
```

```
Start at: 2017-11-30 21:15:16
End at: 2017-11-30 21:15:46
Local clock offset: 0.357 ms
Remote clock offset: 0.068 ms

# Below is generated by plot.py at 2017-12-01 02:42:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 708.05 Mbit/s
95th percentile per-packet one-way delay: 6.036 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 401.74 Mbit/s
95th percentile per-packet one-way delay: 8.491 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 320.25 Mbit/s
95th percentile per-packet one-way delay: 4.549 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 280.90 Mbit/s
95th percentile per-packet one-way delay: 4.427 ms
Loss rate: 0.13%
```

Run 1: Report of LEDBAT — Data Link

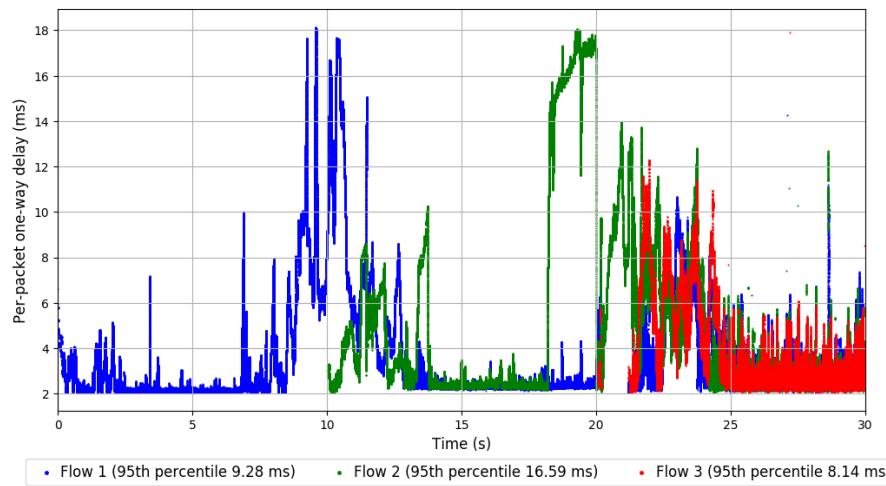
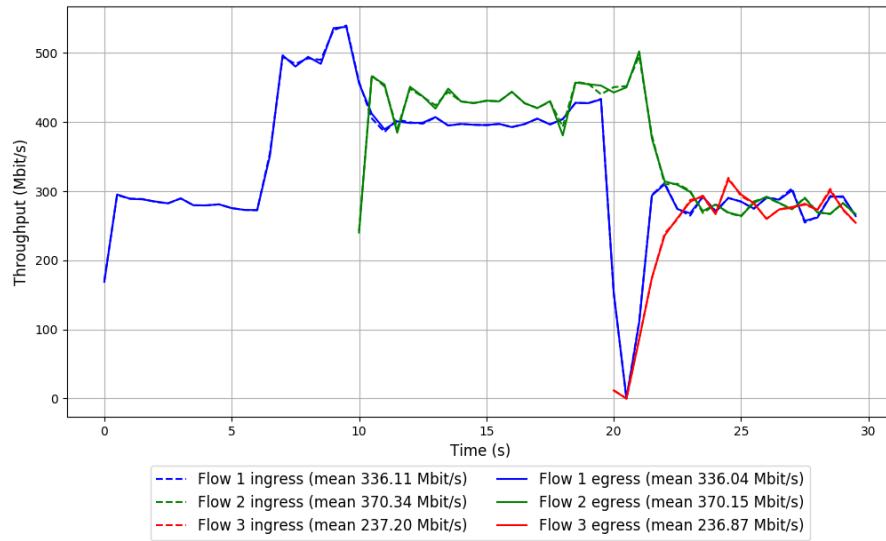


Run 2: Statistics of LEDBAT

```
Start at: 2017-11-30 21:34:37
End at: 2017-11-30 21:35:07
Local clock offset: 0.228 ms
Remote clock offset: -0.09 ms

# Below is generated by plot.py at 2017-12-01 02:42:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 660.95 Mbit/s
95th percentile per-packet one-way delay: 13.267 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 336.04 Mbit/s
95th percentile per-packet one-way delay: 9.281 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 370.15 Mbit/s
95th percentile per-packet one-way delay: 16.590 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 236.87 Mbit/s
95th percentile per-packet one-way delay: 8.140 ms
Loss rate: 0.10%
```

## Run 2: Report of LEDBAT — Data Link

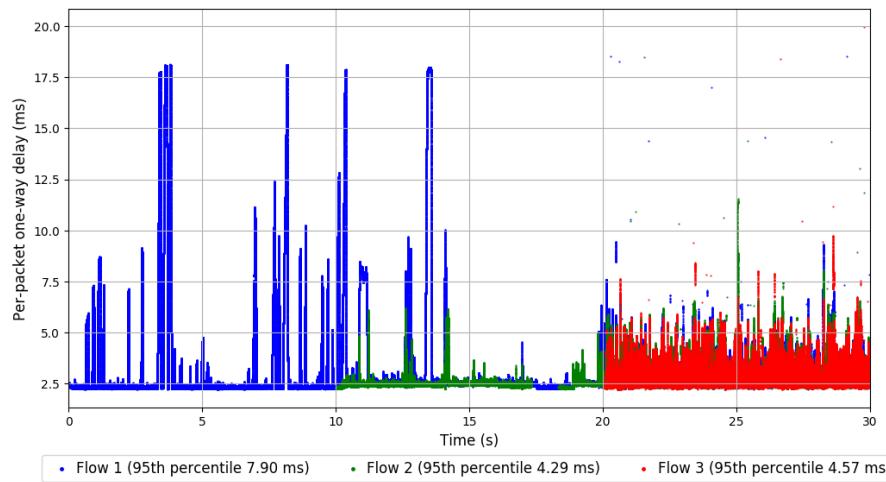
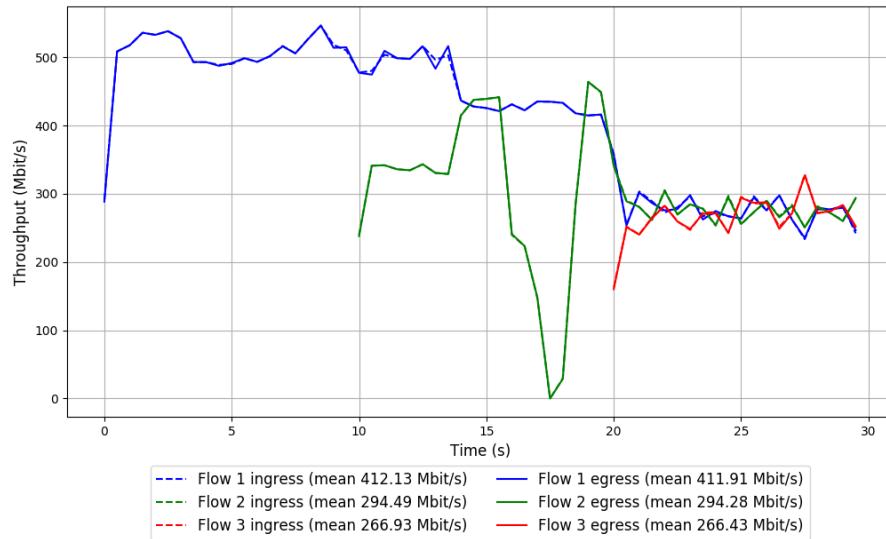


```
Run 3: Statistics of LEDBAT
```

```
Start at: 2017-11-30 21:53:49
End at: 2017-11-30 21:54:19
Local clock offset: 0.081 ms
Remote clock offset: -0.129 ms

# Below is generated by plot.py at 2017-12-01 02:42:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 696.13 Mbit/s
95th percentile per-packet one-way delay: 5.694 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 411.91 Mbit/s
95th percentile per-packet one-way delay: 7.902 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 294.28 Mbit/s
95th percentile per-packet one-way delay: 4.287 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 266.43 Mbit/s
95th percentile per-packet one-way delay: 4.568 ms
Loss rate: 0.17%
```

### Run 3: Report of LEDBAT — Data Link

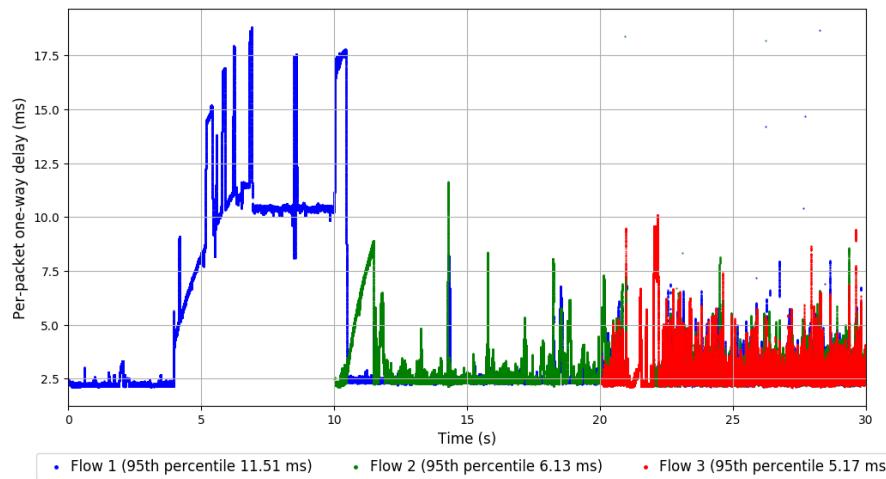
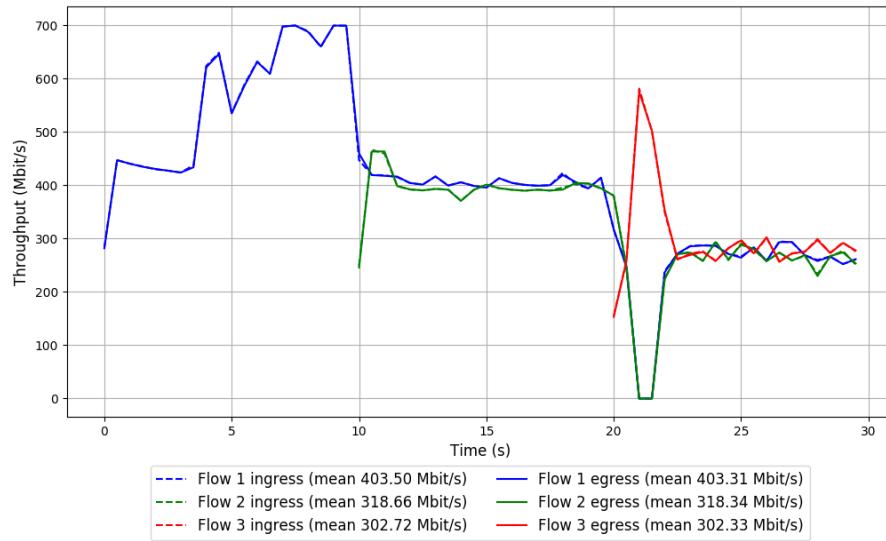


Run 4: Statistics of LEDBAT

```
Start at: 2017-11-30 22:13:25
End at: 2017-11-30 22:13:55
Local clock offset: 0.108 ms
Remote clock offset: -0.211 ms

# Below is generated by plot.py at 2017-12-01 02:42:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 715.43 Mbit/s
95th percentile per-packet one-way delay: 10.561 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 403.31 Mbit/s
95th percentile per-packet one-way delay: 11.505 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 318.34 Mbit/s
95th percentile per-packet one-way delay: 6.131 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 302.33 Mbit/s
95th percentile per-packet one-way delay: 5.175 ms
Loss rate: 0.12%
```

Run 4: Report of LEDBAT — Data Link

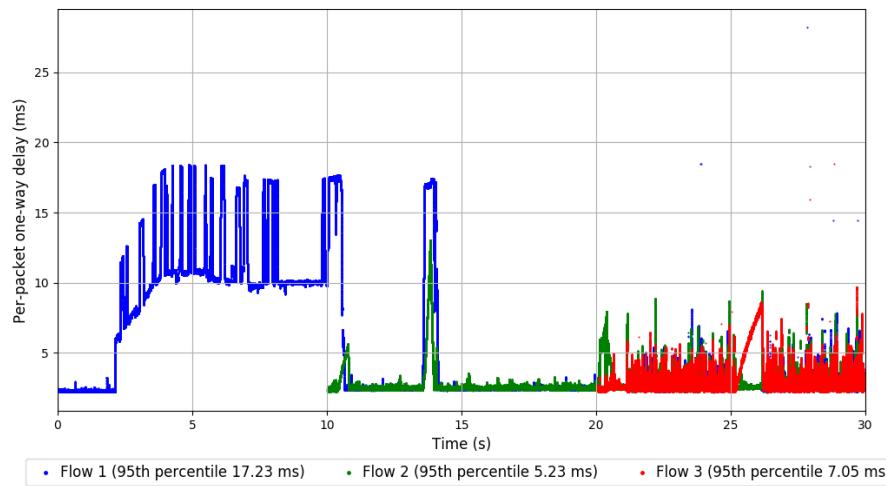
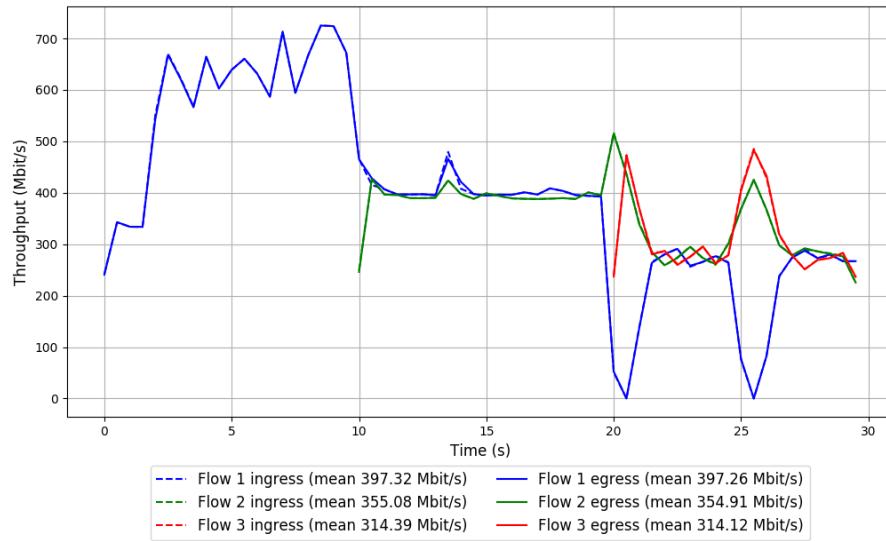


Run 5: Statistics of LEDBAT

```
Start at: 2017-11-30 22:32:55
End at: 2017-11-30 22:33:25
Local clock offset: -0.059 ms
Remote clock offset: -0.271 ms

# Below is generated by plot.py at 2017-12-01 02:50:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 736.70 Mbit/s
95th percentile per-packet one-way delay: 14.322 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 397.26 Mbit/s
95th percentile per-packet one-way delay: 17.227 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 354.91 Mbit/s
95th percentile per-packet one-way delay: 5.232 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 314.12 Mbit/s
95th percentile per-packet one-way delay: 7.047 ms
Loss rate: 0.07%
```

Run 5: Report of LEDBAT — Data Link

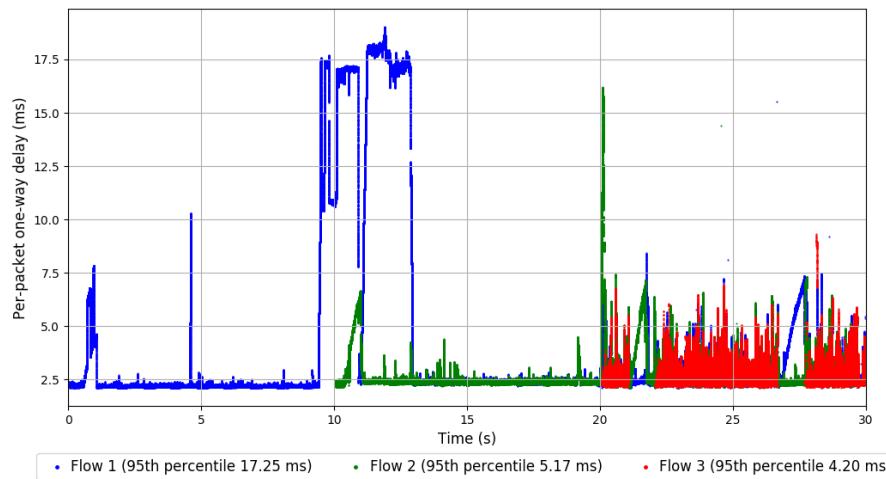
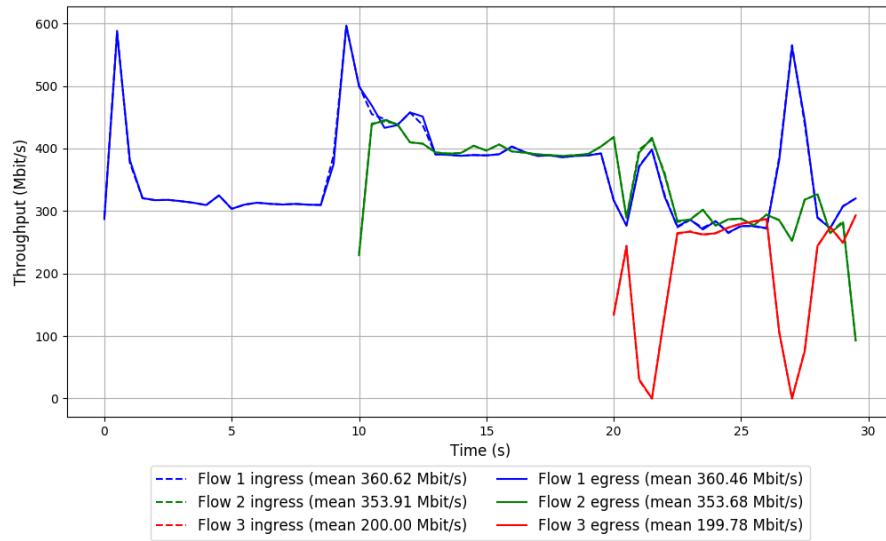


Run 6: Statistics of LEDBAT

```
Start at: 2017-11-30 22:52:18
End at: 2017-11-30 22:52:48
Local clock offset: -0.12 ms
Remote clock offset: -0.434 ms

# Below is generated by plot.py at 2017-12-01 02:50:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 658.25 Mbit/s
95th percentile per-packet one-way delay: 16.976 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 360.46 Mbit/s
95th percentile per-packet one-way delay: 17.251 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 353.68 Mbit/s
95th percentile per-packet one-way delay: 5.173 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 199.78 Mbit/s
95th percentile per-packet one-way delay: 4.203 ms
Loss rate: 0.12%
```

## Run 6: Report of LEDBAT — Data Link

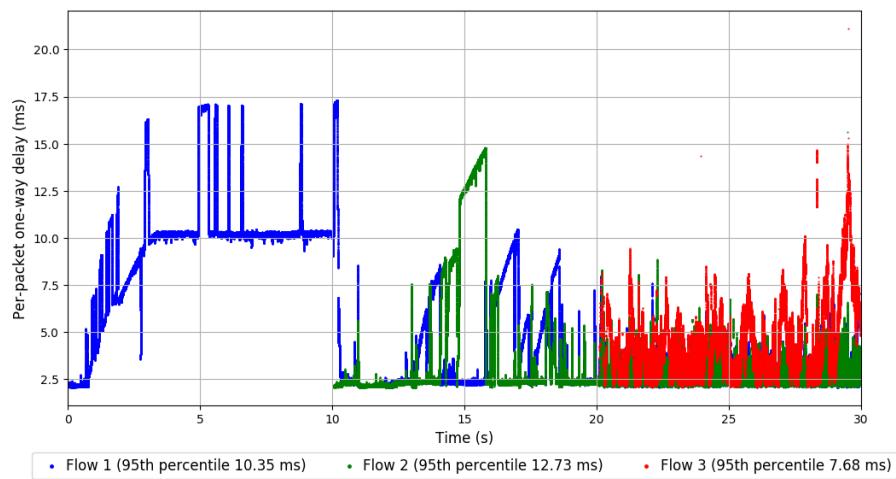
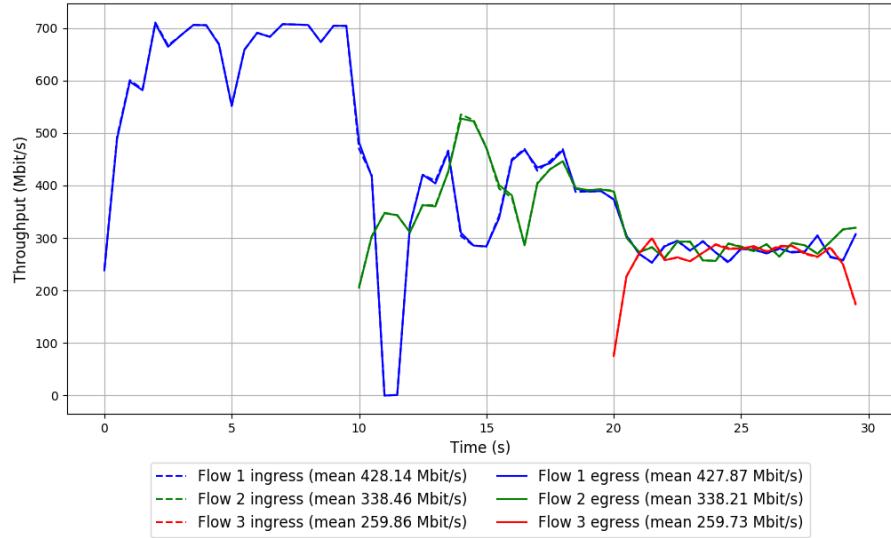


Run 7: Statistics of LEDBAT

```
Start at: 2017-11-30 23:11:30
End at: 2017-11-30 23:12:00
Local clock offset: -0.105 ms
Remote clock offset: -0.424 ms

# Below is generated by plot.py at 2017-12-01 02:51:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 738.47 Mbit/s
95th percentile per-packet one-way delay: 10.352 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 427.87 Mbit/s
95th percentile per-packet one-way delay: 10.347 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 338.21 Mbit/s
95th percentile per-packet one-way delay: 12.729 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 259.73 Mbit/s
95th percentile per-packet one-way delay: 7.679 ms
Loss rate: 0.03%
```

## Run 7: Report of LEDBAT — Data Link

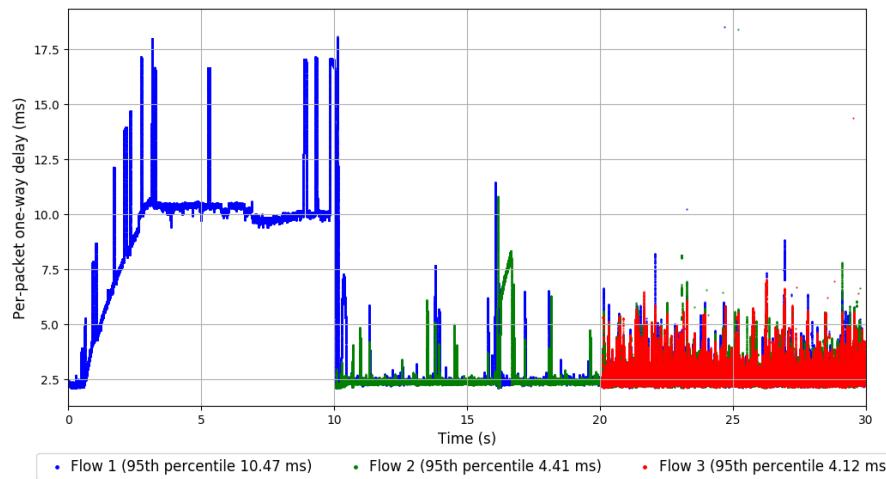
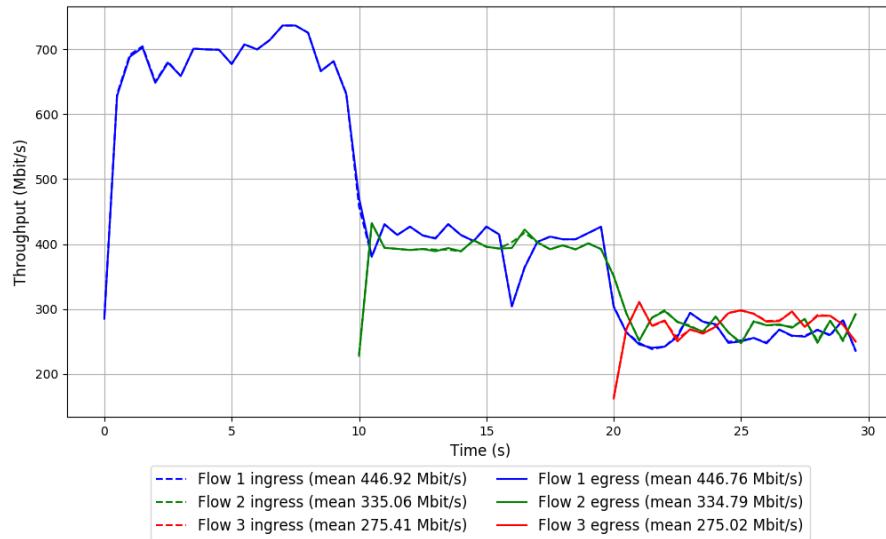


Run 8: Statistics of LEDBAT

```
Start at: 2017-11-30 23:31:05
End at: 2017-11-30 23:31:35
Local clock offset: -0.103 ms
Remote clock offset: -0.35 ms

# Below is generated by plot.py at 2017-12-01 02:52:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 760.73 Mbit/s
95th percentile per-packet one-way delay: 10.427 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 446.76 Mbit/s
95th percentile per-packet one-way delay: 10.466 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 334.79 Mbit/s
95th percentile per-packet one-way delay: 4.406 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 275.02 Mbit/s
95th percentile per-packet one-way delay: 4.121 ms
Loss rate: 0.14%
```

Run 8: Report of LEDBAT — Data Link

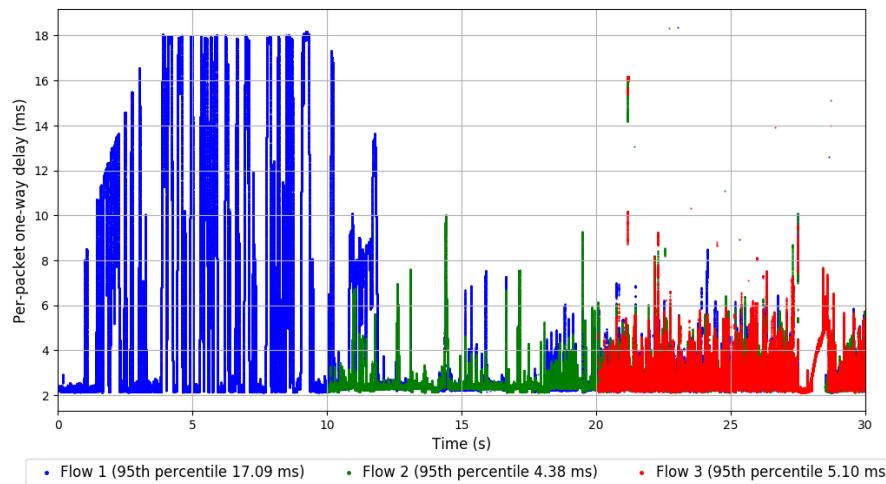
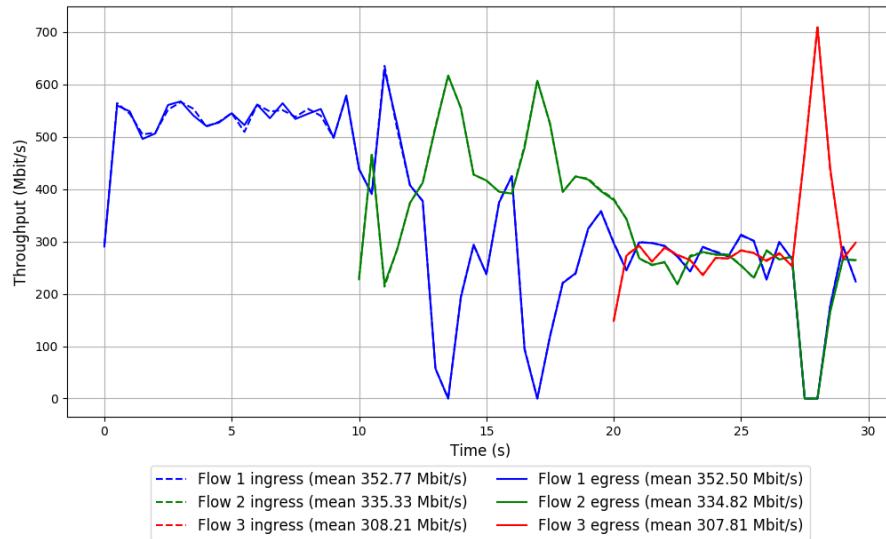


Run 9: Statistics of LEDBAT

```
Start at: 2017-11-30 23:50:35
End at: 2017-11-30 23:51:05
Local clock offset: -0.141 ms
Remote clock offset: -0.27 ms

# Below is generated by plot.py at 2017-12-01 02:52:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 677.36 Mbit/s
95th percentile per-packet one-way delay: 12.926 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 352.50 Mbit/s
95th percentile per-packet one-way delay: 17.094 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 334.82 Mbit/s
95th percentile per-packet one-way delay: 4.376 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 307.81 Mbit/s
95th percentile per-packet one-way delay: 5.099 ms
Loss rate: 0.12%
```

Run 9: Report of LEDBAT — Data Link

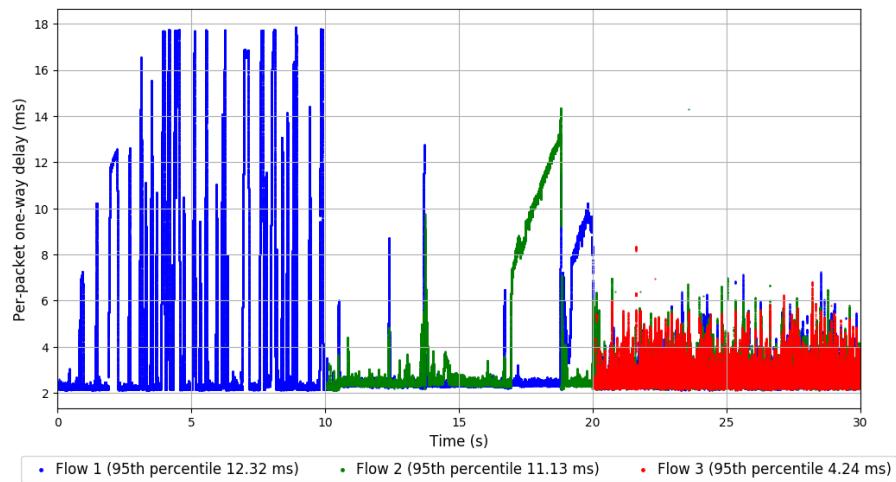
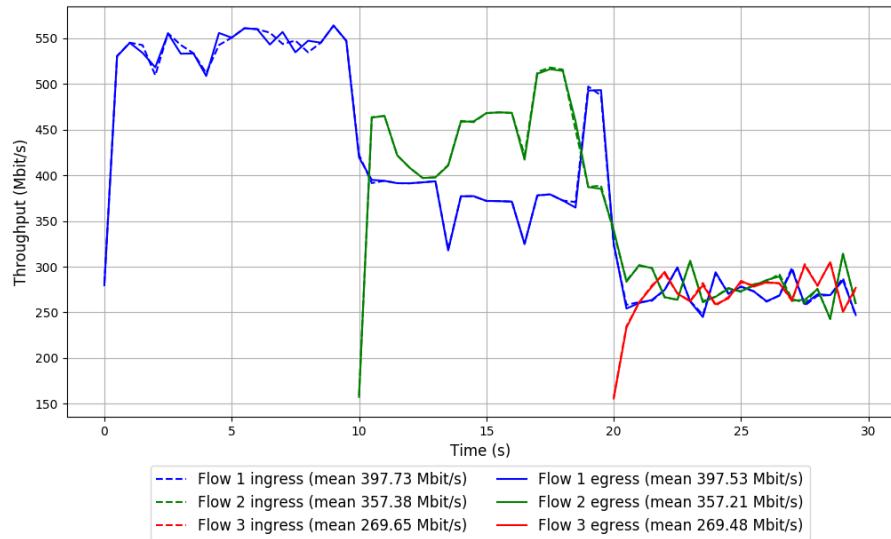


Run 10: Statistics of LEDBAT

```
Start at: 2017-12-01 00:09:54
End at: 2017-12-01 00:10:24
Local clock offset: -0.14 ms
Remote clock offset: -0.205 ms

# Below is generated by plot.py at 2017-12-01 02:52:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 724.67 Mbit/s
95th percentile per-packet one-way delay: 11.345 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 397.53 Mbit/s
95th percentile per-packet one-way delay: 12.318 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 357.21 Mbit/s
95th percentile per-packet one-way delay: 11.135 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 269.48 Mbit/s
95th percentile per-packet one-way delay: 4.241 ms
Loss rate: 0.06%
```

Run 10: Report of LEDBAT — Data Link

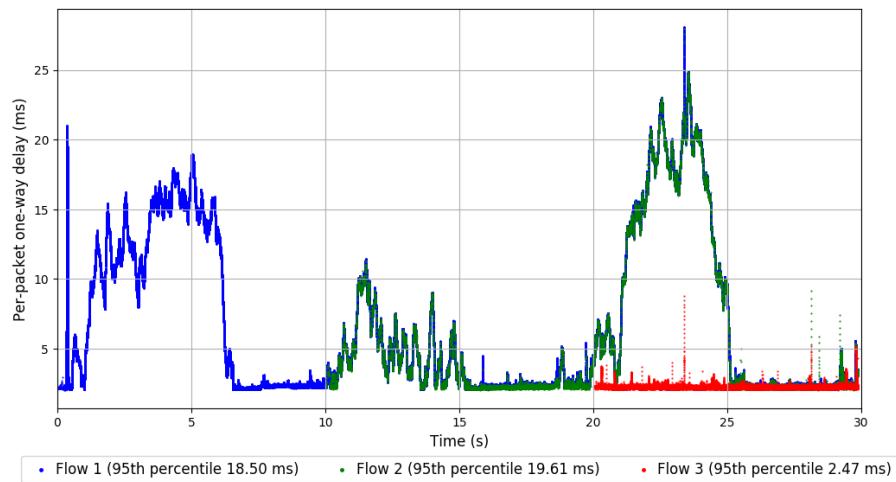
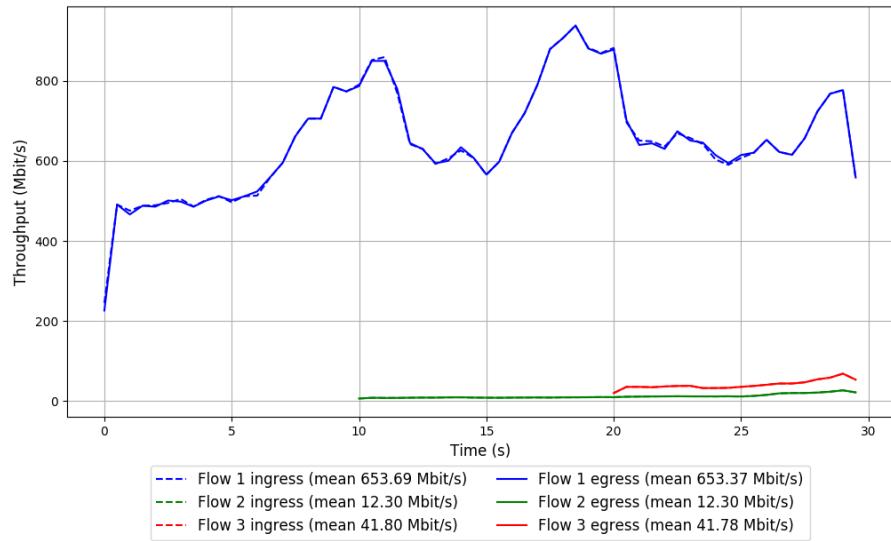


Run 1: Statistics of PCC

```
Start at: 2017-11-30 21:01:21
End at: 2017-11-30 21:01:51
Local clock offset: 0.456 ms
Remote clock offset: 0.069 ms

# Below is generated by plot.py at 2017-12-01 02:52:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 675.29 Mbit/s
95th percentile per-packet one-way delay: 18.458 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 653.37 Mbit/s
95th percentile per-packet one-way delay: 18.498 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 12.30 Mbit/s
95th percentile per-packet one-way delay: 19.614 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 41.78 Mbit/s
95th percentile per-packet one-way delay: 2.466 ms
Loss rate: 0.01%
```

Run 1: Report of PCC — Data Link

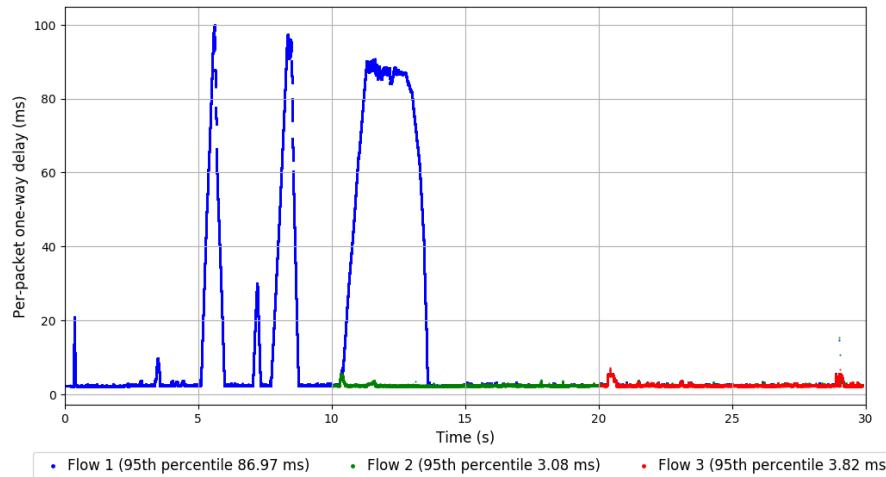
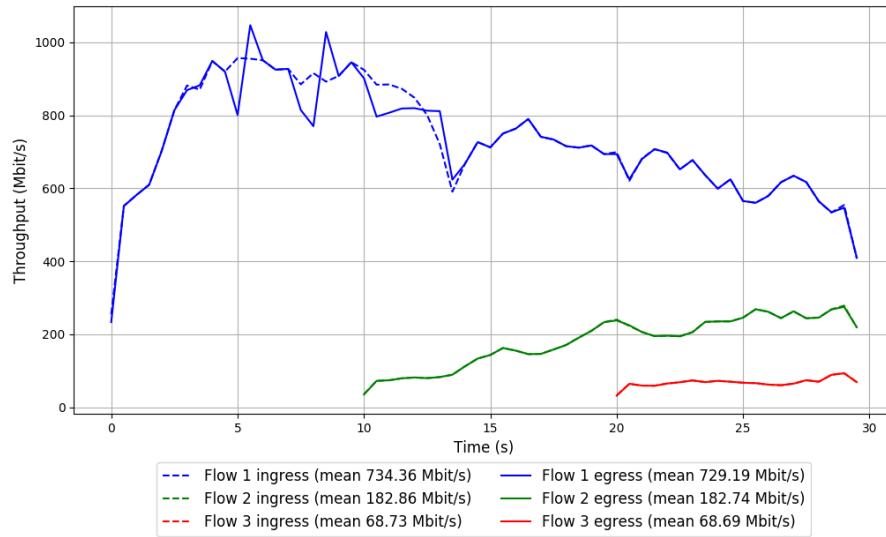


Run 2: Statistics of PCC

```
Start at: 2017-11-30 21:20:43
End at: 2017-11-30 21:21:13
Local clock offset: 0.317 ms
Remote clock offset: 0.039 ms

# Below is generated by plot.py at 2017-12-01 02:55:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 873.26 Mbit/s
95th percentile per-packet one-way delay: 86.632 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 729.19 Mbit/s
95th percentile per-packet one-way delay: 86.974 ms
Loss rate: 0.70%
-- Flow 2:
Average throughput: 182.74 Mbit/s
95th percentile per-packet one-way delay: 3.083 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 68.69 Mbit/s
95th percentile per-packet one-way delay: 3.819 ms
Loss rate: 0.06%
```

## Run 2: Report of PCC — Data Link

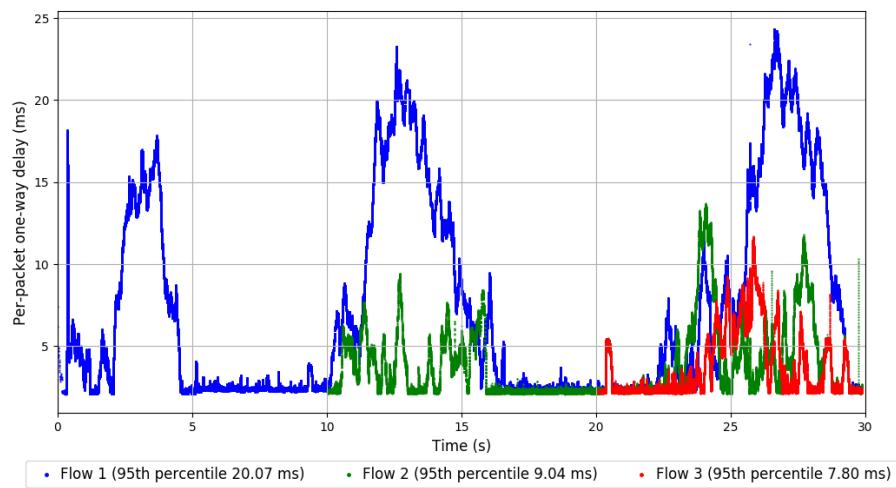
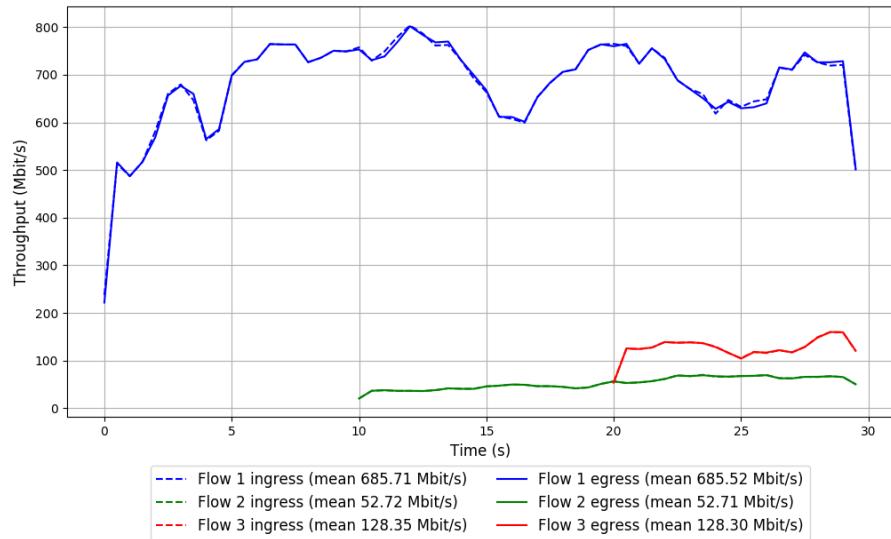


Run 3: Statistics of PCC

```
Start at: 2017-11-30 21:39:58
End at: 2017-11-30 21:40:28
Local clock offset: 0.203 ms
Remote clock offset: -0.11 ms

# Below is generated by plot.py at 2017-12-01 02:59:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 762.76 Mbit/s
95th percentile per-packet one-way delay: 19.852 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 685.52 Mbit/s
95th percentile per-packet one-way delay: 20.073 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 52.71 Mbit/s
95th percentile per-packet one-way delay: 9.041 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 128.30 Mbit/s
95th percentile per-packet one-way delay: 7.804 ms
Loss rate: 0.05%
```

### Run 3: Report of PCC — Data Link

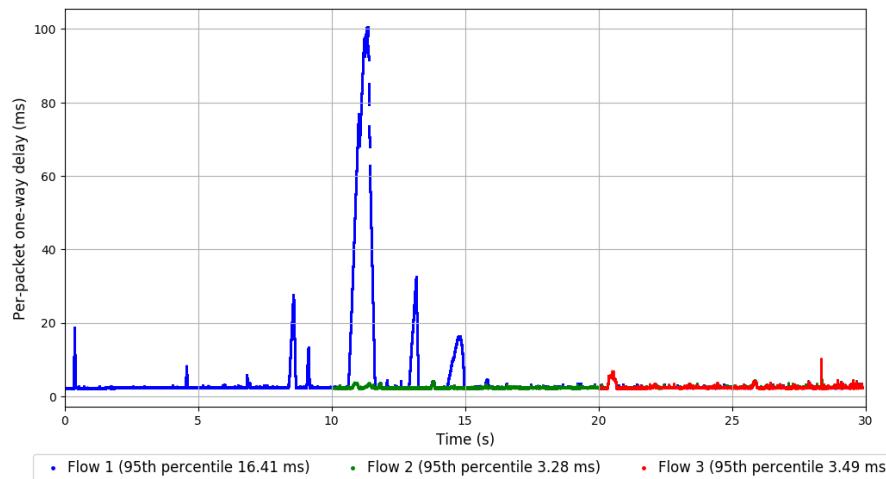
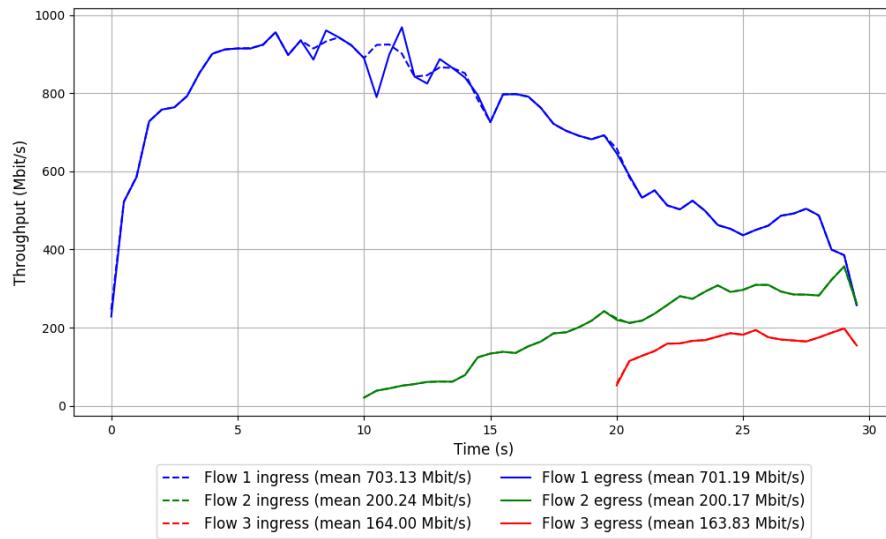


Run 4: Statistics of PCC

```
Start at: 2017-11-30 21:59:12
End at: 2017-11-30 21:59:42
Local clock offset: 0.185 ms
Remote clock offset: -0.164 ms

# Below is generated by plot.py at 2017-12-01 03:03:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 888.19 Mbit/s
95th percentile per-packet one-way delay: 13.264 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 701.19 Mbit/s
95th percentile per-packet one-way delay: 16.406 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 200.17 Mbit/s
95th percentile per-packet one-way delay: 3.282 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 163.83 Mbit/s
95th percentile per-packet one-way delay: 3.488 ms
Loss rate: 0.10%
```

## Run 4: Report of PCC — Data Link

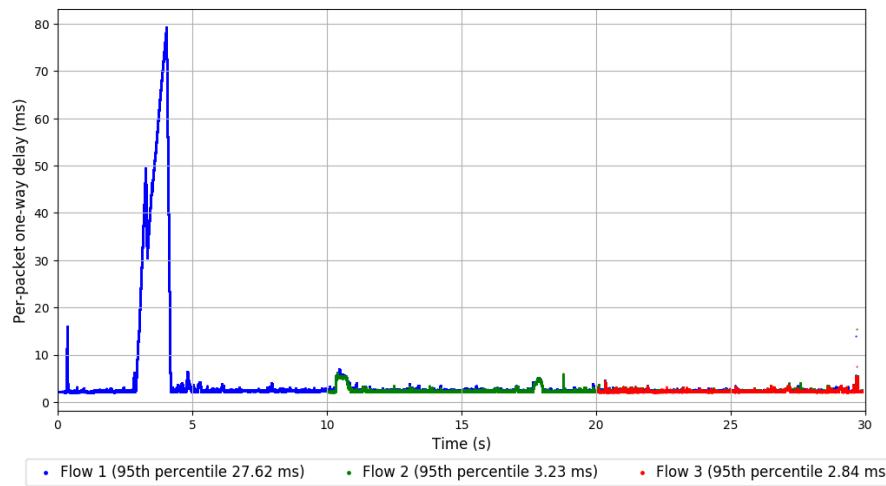
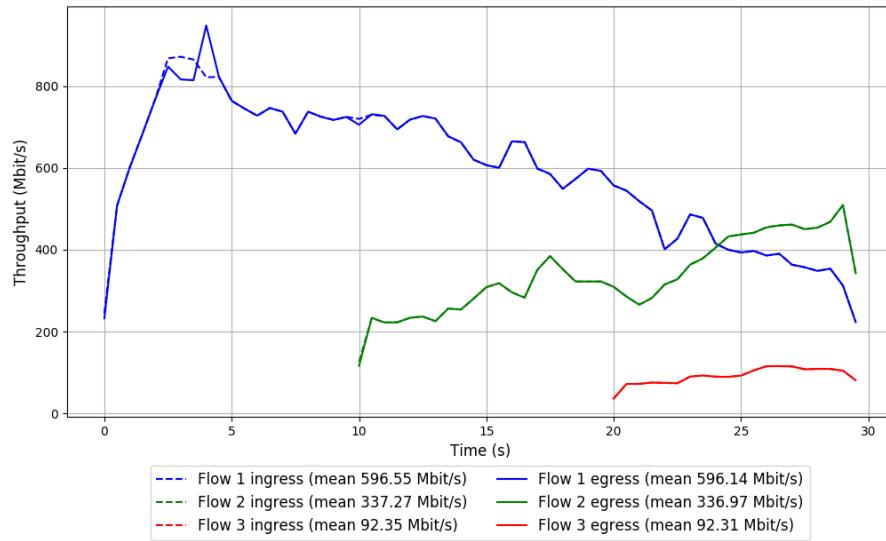


Run 5: Statistics of PCC

```
Start at: 2017-11-30 22:18:57
End at: 2017-11-30 22:19:27
Local clock offset: 0.082 ms
Remote clock offset: -0.294 ms

# Below is generated by plot.py at 2017-12-01 03:04:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 850.56 Mbit/s
95th percentile per-packet one-way delay: 5.555 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 596.14 Mbit/s
95th percentile per-packet one-way delay: 27.617 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 336.97 Mbit/s
95th percentile per-packet one-way delay: 3.233 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 92.31 Mbit/s
95th percentile per-packet one-way delay: 2.841 ms
Loss rate: 0.03%
```

## Run 5: Report of PCC — Data Link

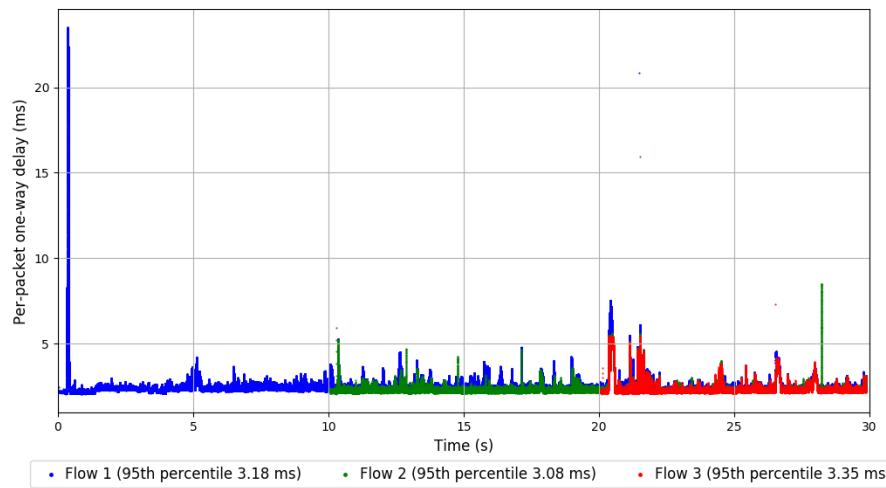
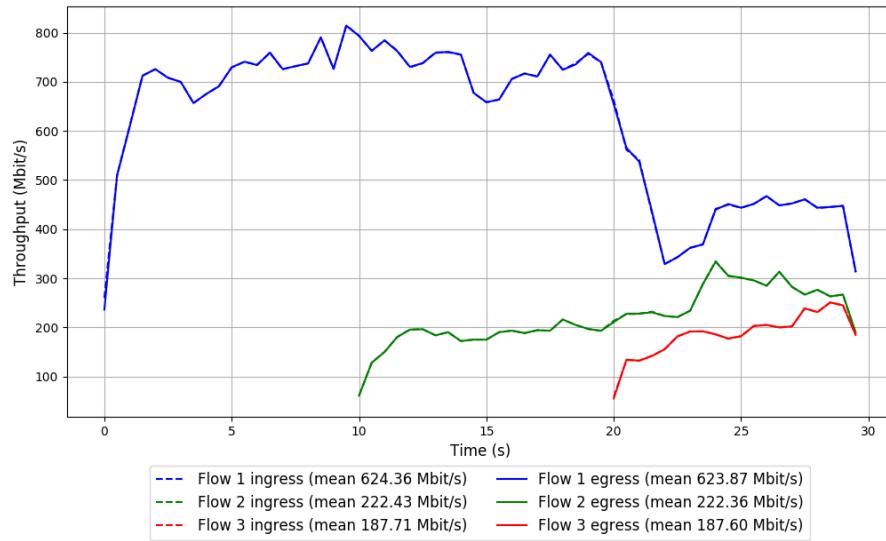


Run 6: Statistics of PCC

```
Start at: 2017-11-30 22:38:26
End at: 2017-11-30 22:38:56
Local clock offset: 0.002 ms
Remote clock offset: -0.356 ms

# Below is generated by plot.py at 2017-12-01 03:04:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 833.21 Mbit/s
95th percentile per-packet one-way delay: 3.175 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 623.87 Mbit/s
95th percentile per-packet one-way delay: 3.182 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 222.36 Mbit/s
95th percentile per-packet one-way delay: 3.083 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 187.60 Mbit/s
95th percentile per-packet one-way delay: 3.350 ms
Loss rate: 0.06%
```

Run 6: Report of PCC — Data Link

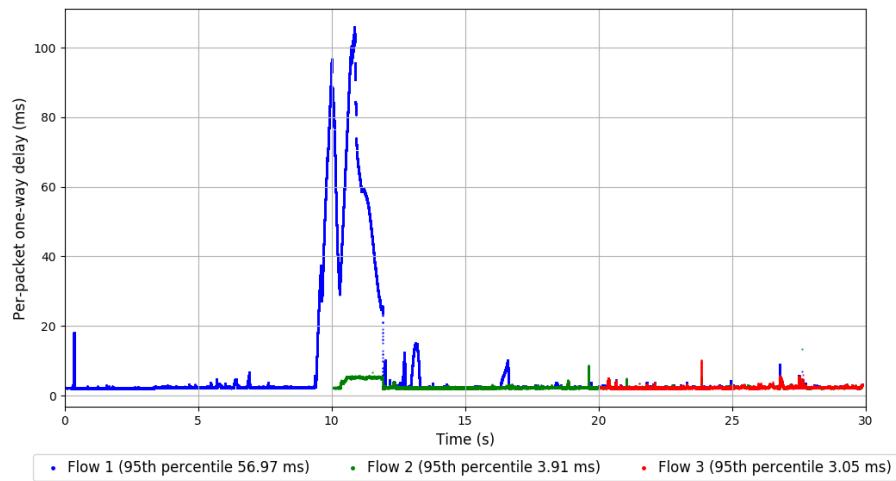
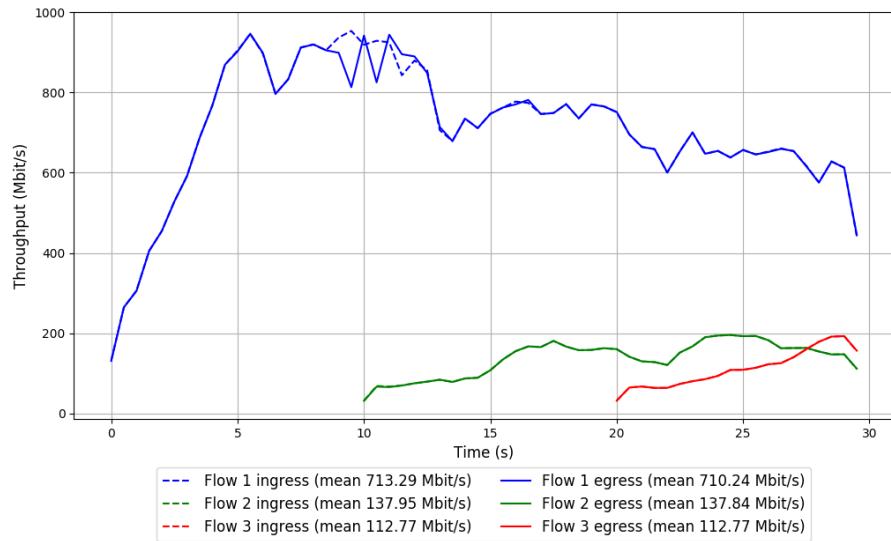


Run 7: Statistics of PCC

```
Start at: 2017-11-30 22:57:31
End at: 2017-11-30 22:58:01
Local clock offset: -0.059 ms
Remote clock offset: -0.368 ms

# Below is generated by plot.py at 2017-12-01 03:04:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 838.85 Mbit/s
95th percentile per-packet one-way delay: 51.270 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 710.24 Mbit/s
95th percentile per-packet one-way delay: 56.968 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 137.84 Mbit/s
95th percentile per-packet one-way delay: 3.912 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 112.77 Mbit/s
95th percentile per-packet one-way delay: 3.051 ms
Loss rate: 0.02%
```

## Run 7: Report of PCC — Data Link

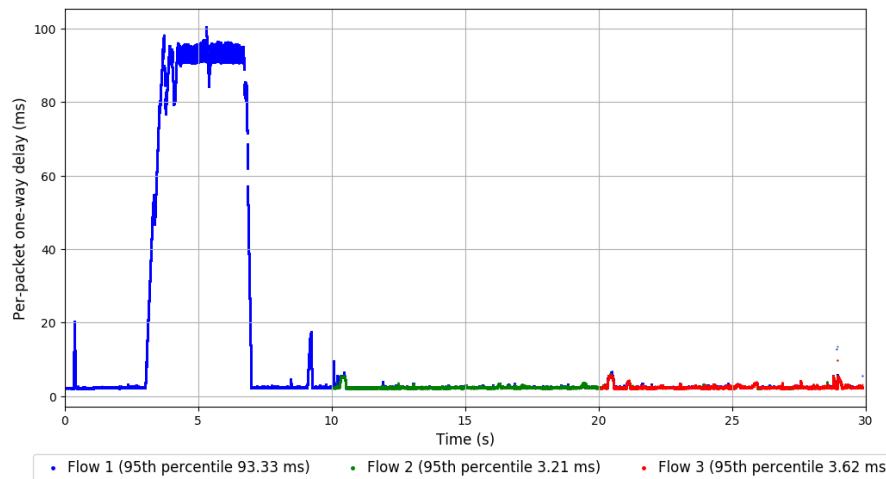
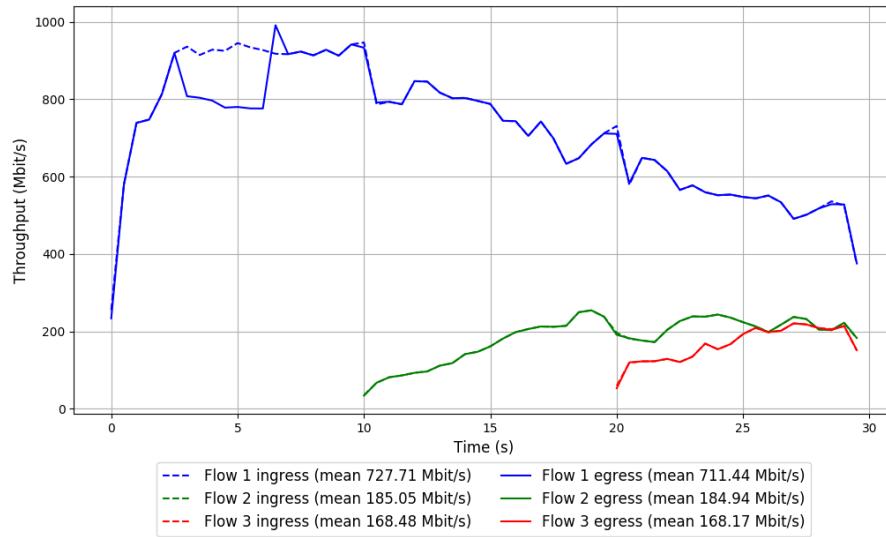


Run 8: Statistics of PCC

```
Start at: 2017-11-30 23:17:00
End at: 2017-11-30 23:17:30
Local clock offset: -0.103 ms
Remote clock offset: -0.363 ms

# Below is generated by plot.py at 2017-12-01 03:06:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 889.69 Mbit/s
95th percentile per-packet one-way delay: 92.559 ms
Loss rate: 1.81%
-- Flow 1:
Average throughput: 711.44 Mbit/s
95th percentile per-packet one-way delay: 93.335 ms
Loss rate: 2.23%
-- Flow 2:
Average throughput: 184.94 Mbit/s
95th percentile per-packet one-way delay: 3.206 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 168.17 Mbit/s
95th percentile per-packet one-way delay: 3.616 ms
Loss rate: 0.17%
```

## Run 8: Report of PCC — Data Link

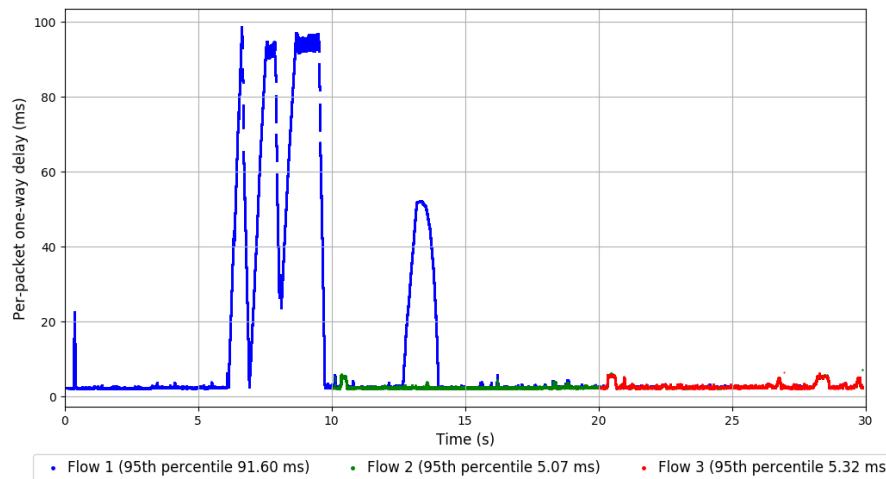
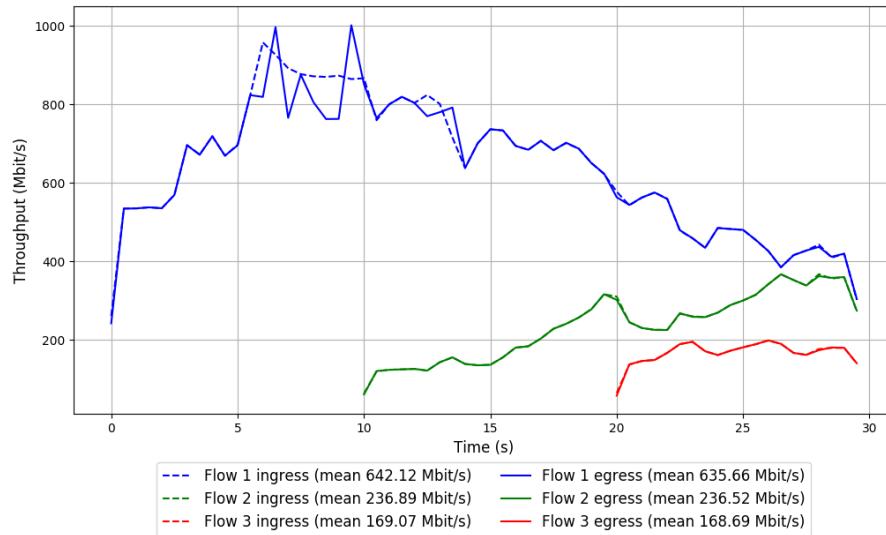


Run 9: Statistics of PCC

```
Start at: 2017-11-30 23:36:35
End at: 2017-11-30 23:37:05
Local clock offset: -0.148 ms
Remote clock offset: -0.33 ms

# Below is generated by plot.py at 2017-12-01 03:06:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 848.33 Mbit/s
95th percentile per-packet one-way delay: 79.942 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 635.66 Mbit/s
95th percentile per-packet one-way delay: 91.596 ms
Loss rate: 1.01%
-- Flow 2:
Average throughput: 236.52 Mbit/s
95th percentile per-packet one-way delay: 5.070 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 168.69 Mbit/s
95th percentile per-packet one-way delay: 5.315 ms
Loss rate: 0.22%
```

## Run 9: Report of PCC — Data Link

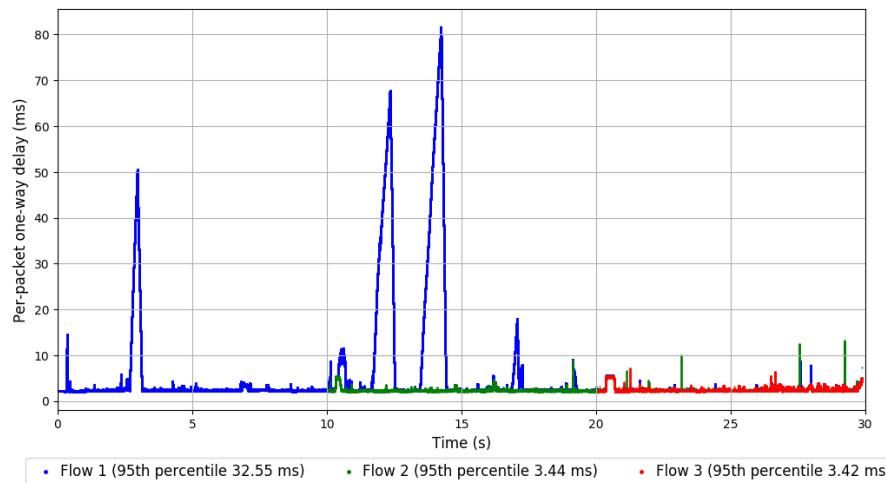
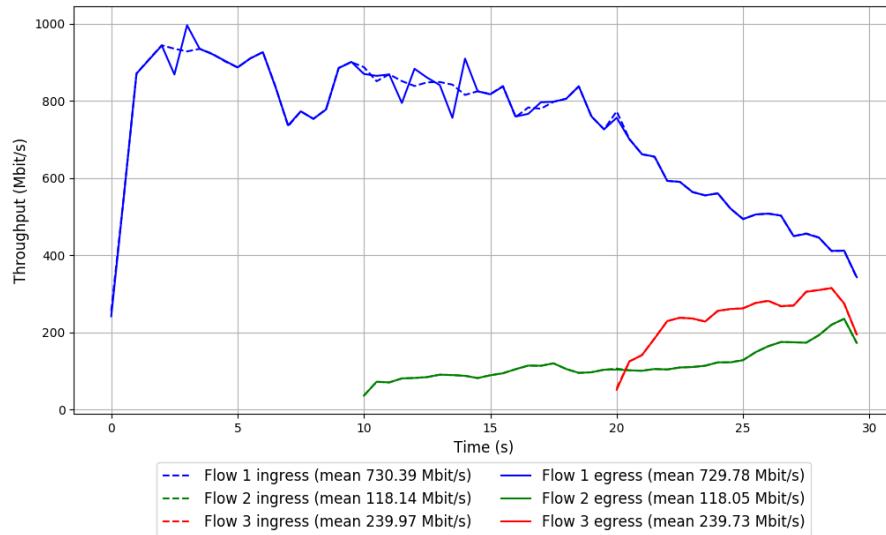


Run 10: Statistics of PCC

```
Start at: 2017-11-30 23:55:57
End at: 2017-11-30 23:56:27
Local clock offset: -0.115 ms
Remote clock offset: -0.302 ms

# Below is generated by plot.py at 2017-12-01 03:09:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 887.00 Mbit/s
95th percentile per-packet one-way delay: 24.748 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 729.78 Mbit/s
95th percentile per-packet one-way delay: 32.552 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 118.05 Mbit/s
95th percentile per-packet one-way delay: 3.438 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 239.73 Mbit/s
95th percentile per-packet one-way delay: 3.415 ms
Loss rate: 0.07%
```

## Run 10: Report of PCC — Data Link

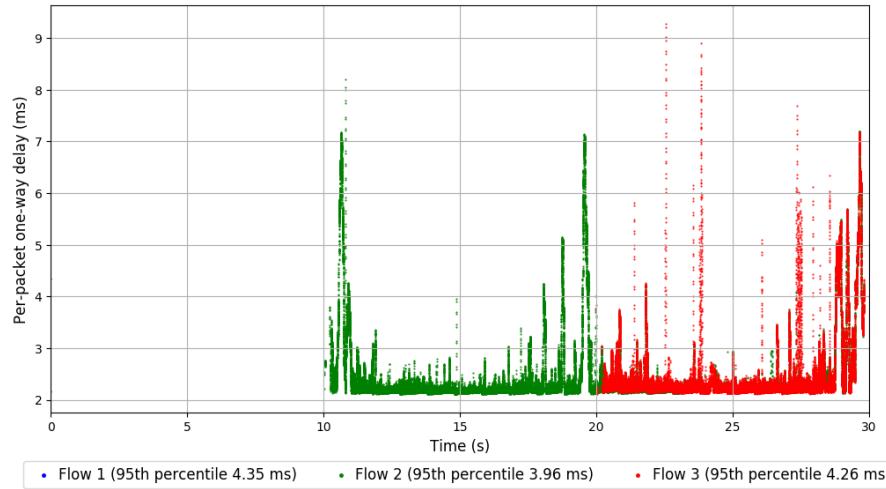
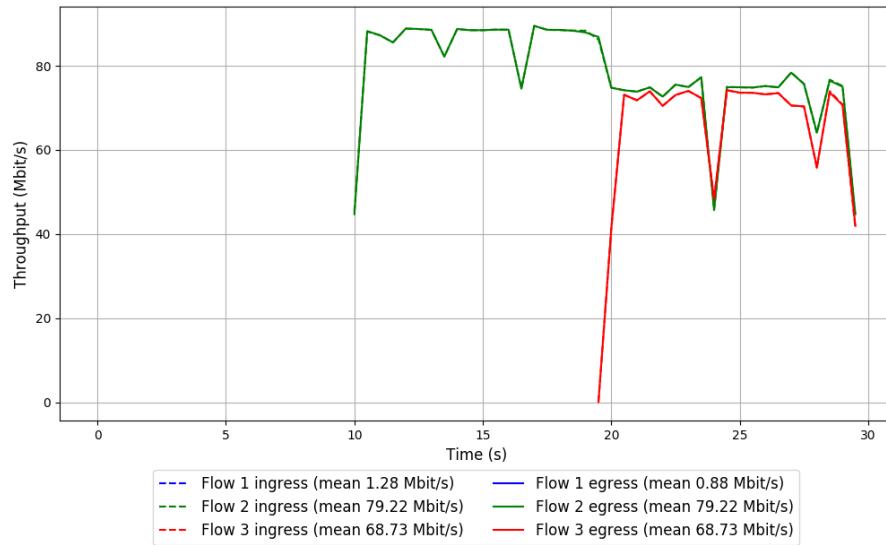


```
Run 1: Statistics of QUIC Cubic

Start at: 2017-11-30 21:00:14
End at: 2017-11-30 21:00:44
Local clock offset: 0.44 ms
Remote clock offset: 0.133 ms

# Below is generated by plot.py at 2017-12-01 03:09:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 75.24 Mbit/s
95th percentile per-packet one-way delay: 4.061 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.88 Mbit/s
95th percentile per-packet one-way delay: 4.351 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 79.22 Mbit/s
95th percentile per-packet one-way delay: 3.963 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 68.73 Mbit/s
95th percentile per-packet one-way delay: 4.260 ms
Loss rate: 0.00%
```

Run 1: Report of QUIC Cubic — Data Link

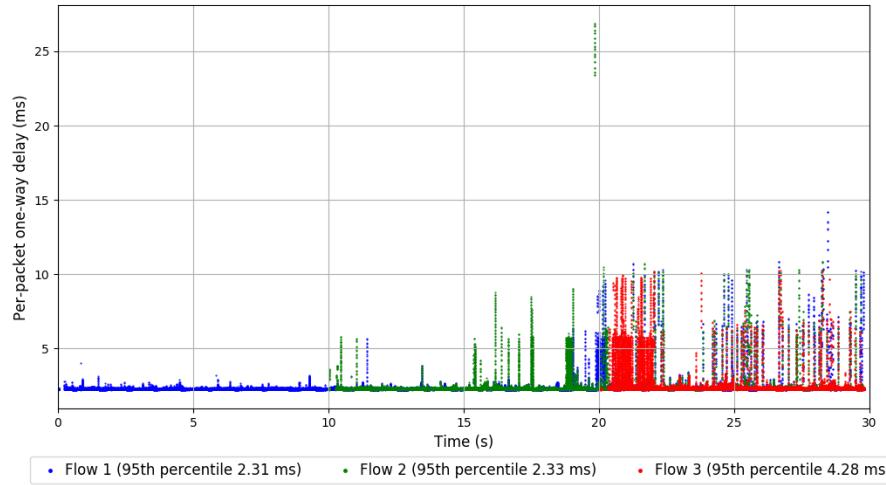
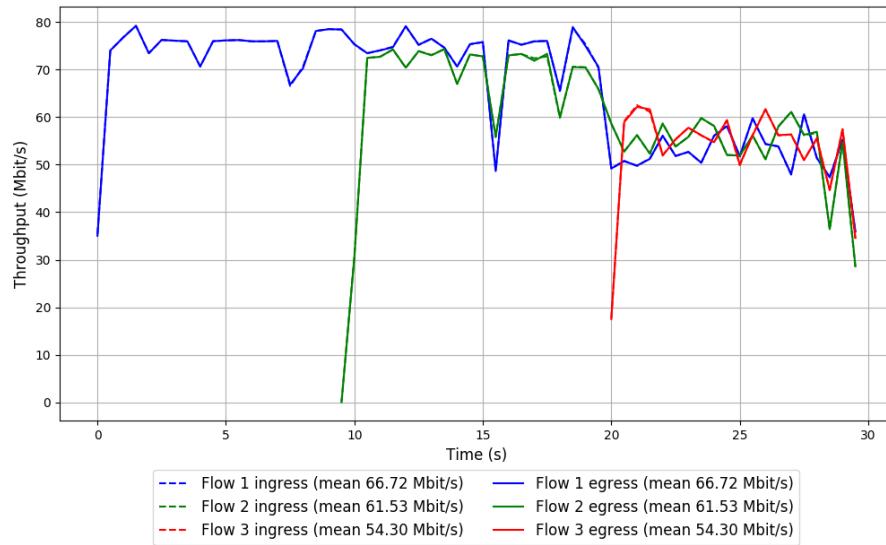


Run 2: Statistics of QUIC Cubic

```
Start at: 2017-11-30 21:19:34
End at: 2017-11-30 21:20:04
Local clock offset: 0.284 ms
Remote clock offset: 0.06 ms

# Below is generated by plot.py at 2017-12-01 03:09:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 125.40 Mbit/s
95th percentile per-packet one-way delay: 2.360 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 66.72 Mbit/s
95th percentile per-packet one-way delay: 2.309 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 61.53 Mbit/s
95th percentile per-packet one-way delay: 2.326 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 54.30 Mbit/s
95th percentile per-packet one-way delay: 4.278 ms
Loss rate: 0.00%
```

## Run 2: Report of QUIC Cubic — Data Link

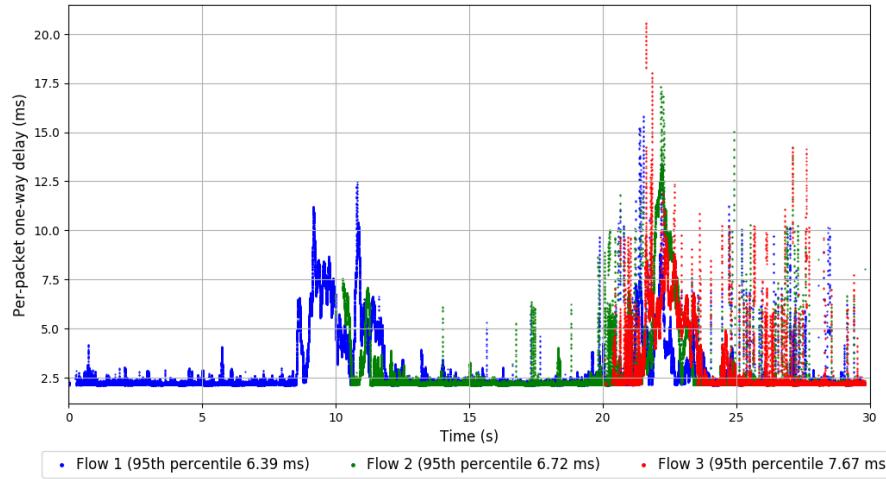
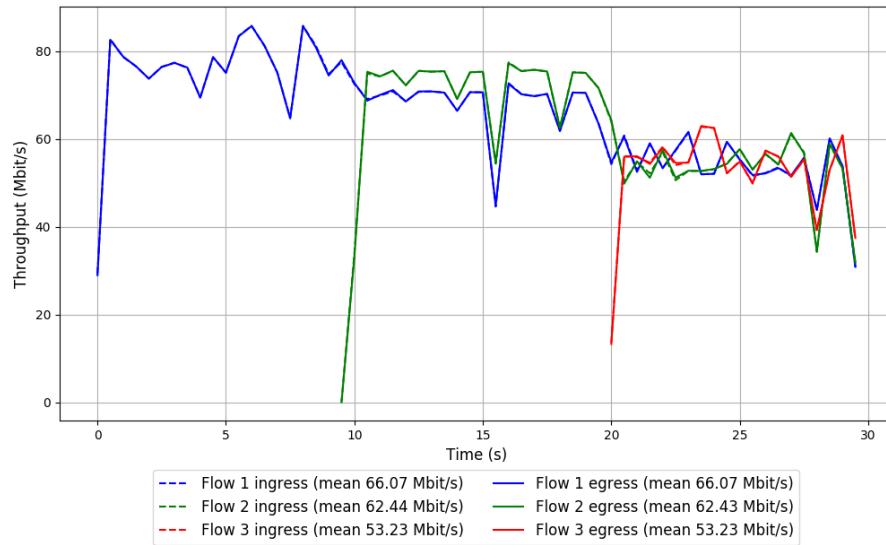


Run 3: Statistics of QUIC Cubic

```
Start at: 2017-11-30 21:38:48
End at: 2017-11-30 21:39:19
Local clock offset: 0.209 ms
Remote clock offset: -0.032 ms

# Below is generated by plot.py at 2017-12-01 03:09:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 125.06 Mbit/s
95th percentile per-packet one-way delay: 6.753 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 66.07 Mbit/s
95th percentile per-packet one-way delay: 6.393 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 62.43 Mbit/s
95th percentile per-packet one-way delay: 6.725 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 53.23 Mbit/s
95th percentile per-packet one-way delay: 7.665 ms
Loss rate: 0.00%
```

### Run 3: Report of QUIC Cubic — Data Link

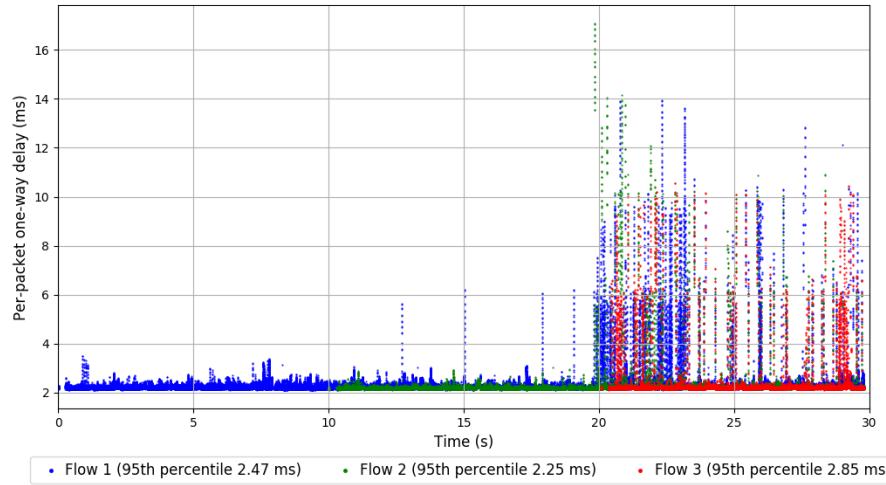
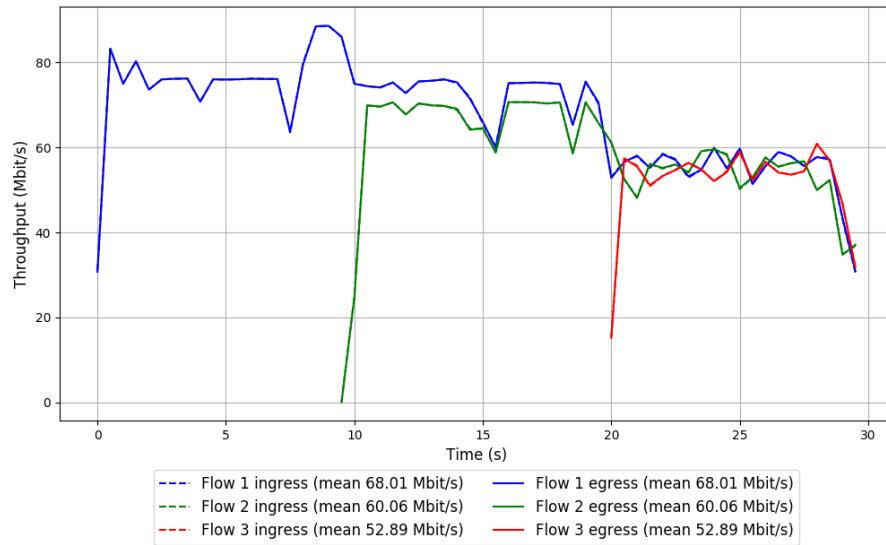


Run 4: Statistics of QUIC Cubic

```
Start at: 2017-11-30 21:58:02
End at: 2017-11-30 21:58:32
Local clock offset: 0.18 ms
Remote clock offset: -0.167 ms

# Below is generated by plot.py at 2017-12-01 03:09:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 125.27 Mbit/s
95th percentile per-packet one-way delay: 2.400 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 68.01 Mbit/s
95th percentile per-packet one-way delay: 2.472 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 60.06 Mbit/s
95th percentile per-packet one-way delay: 2.254 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 52.89 Mbit/s
95th percentile per-packet one-way delay: 2.845 ms
Loss rate: 0.00%
```

## Run 4: Report of QUIC Cubic — Data Link

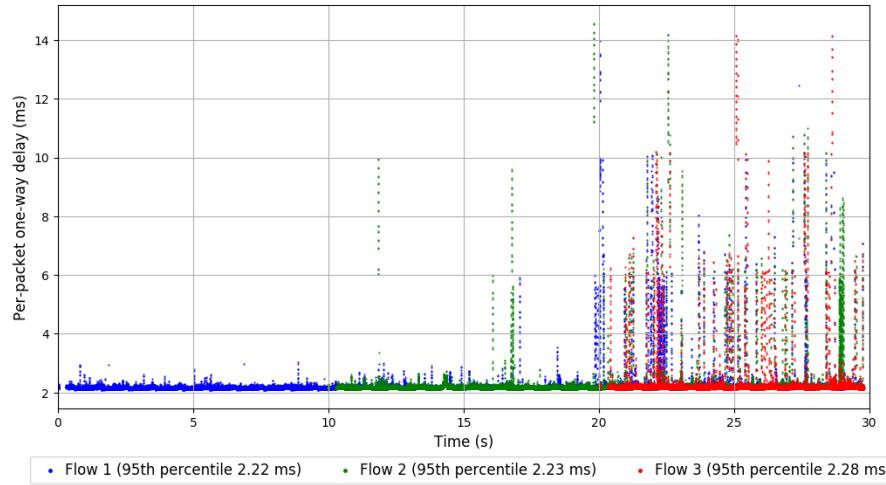
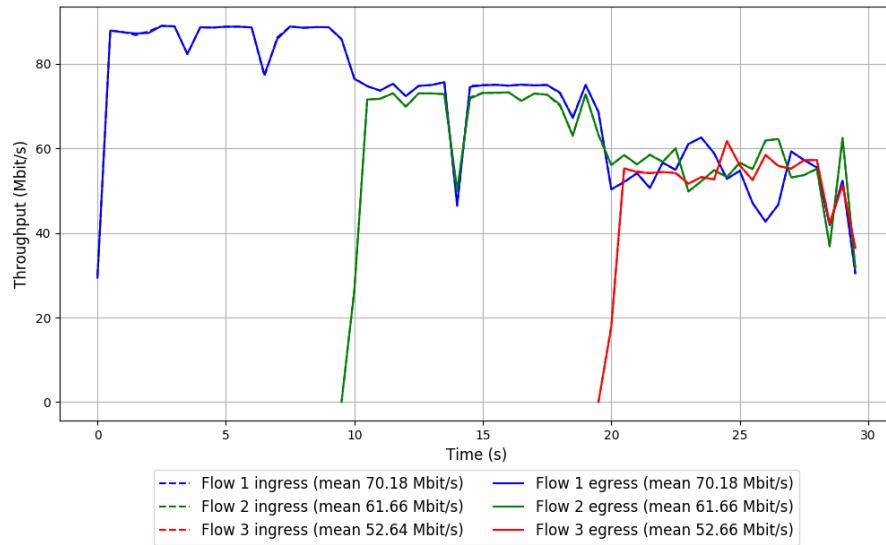


Run 5: Statistics of QUIC Cubic

```
Start at: 2017-11-30 22:17:47
End at: 2017-11-30 22:18:17
Local clock offset: 0.026 ms
Remote clock offset: -0.304 ms

# Below is generated by plot.py at 2017-12-01 03:09:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 128.53 Mbit/s
95th percentile per-packet one-way delay: 2.232 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 70.18 Mbit/s
95th percentile per-packet one-way delay: 2.222 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 61.66 Mbit/s
95th percentile per-packet one-way delay: 2.235 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 52.66 Mbit/s
95th percentile per-packet one-way delay: 2.280 ms
Loss rate: 0.00%
```

## Run 5: Report of QUIC Cubic — Data Link

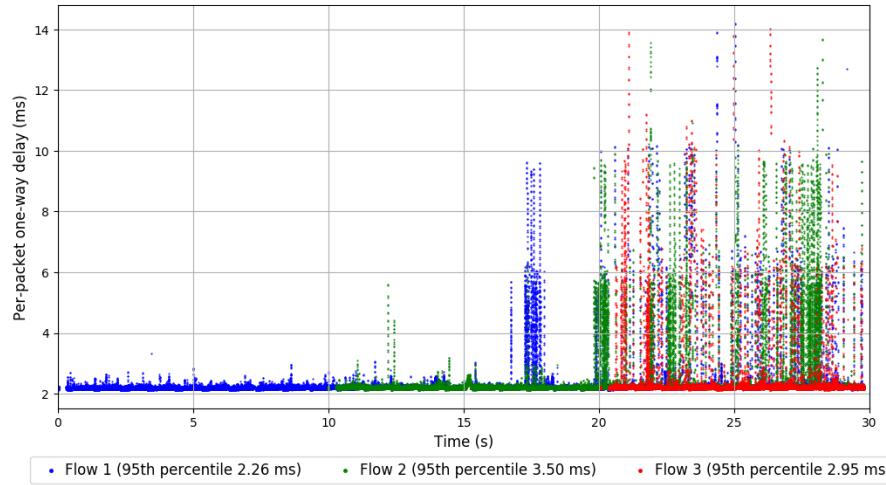
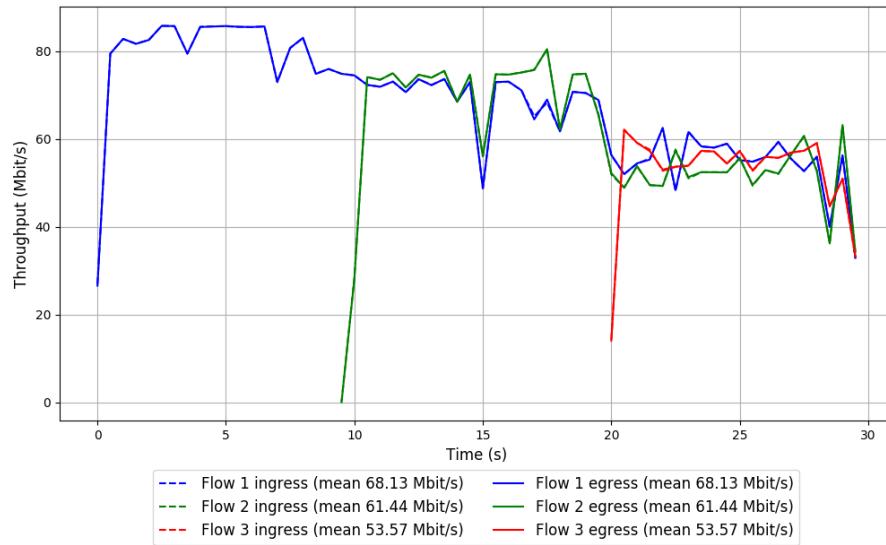


Run 6: Statistics of QUIC Cubic

```
Start at: 2017-11-30 22:37:17
End at: 2017-11-30 22:37:47
Local clock offset: -0.009 ms
Remote clock offset: -0.287 ms

# Below is generated by plot.py at 2017-12-01 03:09:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 126.59 Mbit/s
95th percentile per-packet one-way delay: 2.329 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 68.13 Mbit/s
95th percentile per-packet one-way delay: 2.263 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 61.44 Mbit/s
95th percentile per-packet one-way delay: 3.497 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 53.57 Mbit/s
95th percentile per-packet one-way delay: 2.947 ms
Loss rate: 0.00%
```

Run 6: Report of QUIC Cubic — Data Link

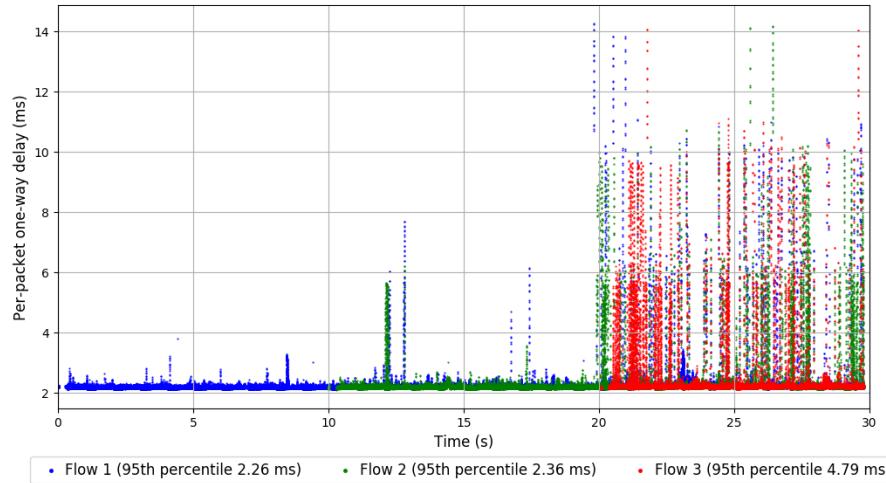
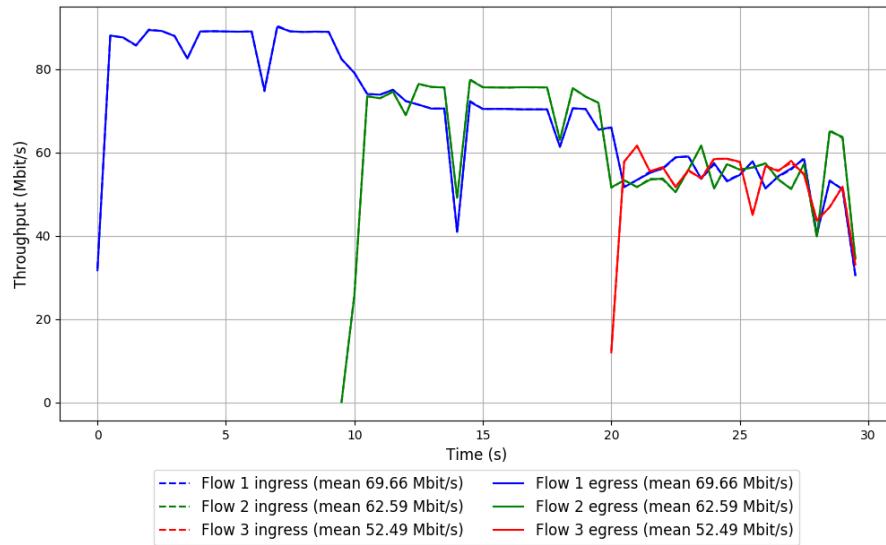


Run 7: Statistics of QUIC Cubic

```
Start at: 2017-11-30 22:56:21
End at: 2017-11-30 22:56:51
Local clock offset: -0.078 ms
Remote clock offset: -0.376 ms

# Below is generated by plot.py at 2017-12-01 03:09:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 128.47 Mbit/s
95th percentile per-packet one-way delay: 2.329 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 69.66 Mbit/s
95th percentile per-packet one-way delay: 2.262 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 62.59 Mbit/s
95th percentile per-packet one-way delay: 2.364 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 52.49 Mbit/s
95th percentile per-packet one-way delay: 4.792 ms
Loss rate: 0.00%
```

## Run 7: Report of QUIC Cubic — Data Link

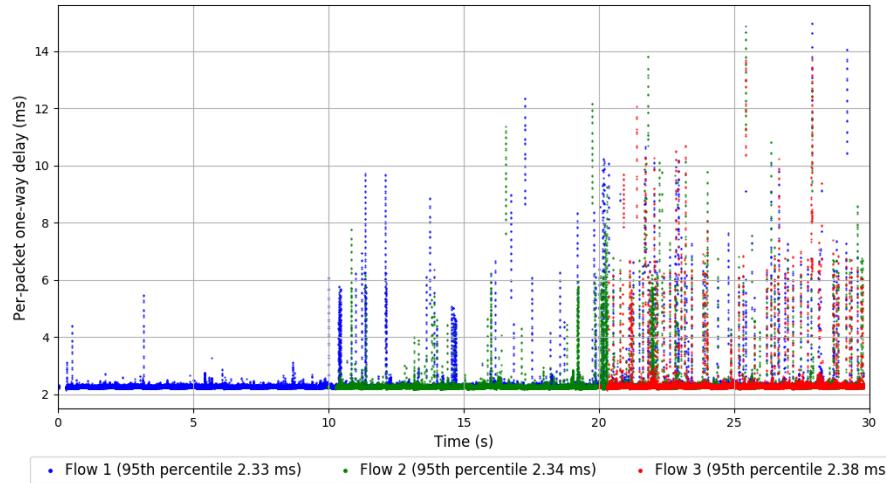
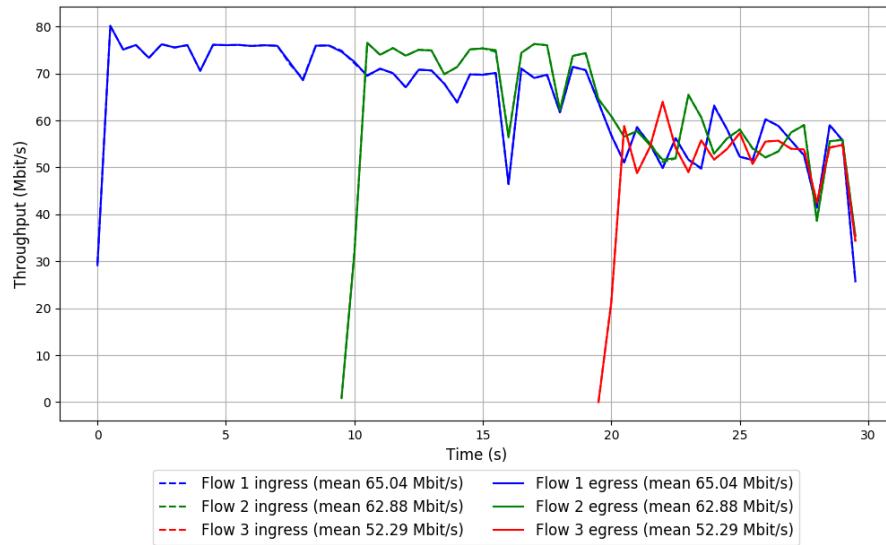


Run 8: Statistics of QUIC Cubic

```
Start at: 2017-11-30 23:15:51
End at: 2017-11-30 23:16:21
Local clock offset: -0.166 ms
Remote clock offset: -0.355 ms

# Below is generated by plot.py at 2017-12-01 03:09:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 124.10 Mbit/s
95th percentile per-packet one-way delay: 2.336 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 65.04 Mbit/s
95th percentile per-packet one-way delay: 2.326 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 62.88 Mbit/s
95th percentile per-packet one-way delay: 2.339 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 52.29 Mbit/s
95th percentile per-packet one-way delay: 2.380 ms
Loss rate: 0.00%
```

## Run 8: Report of QUIC Cubic — Data Link

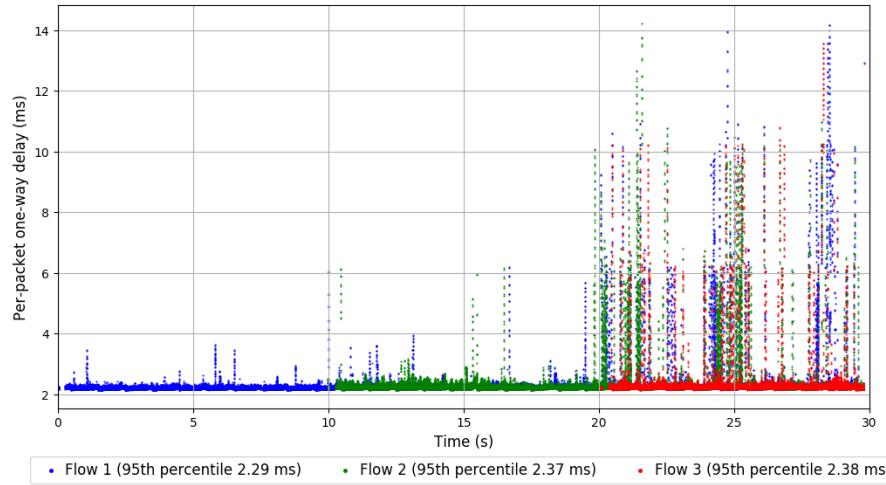
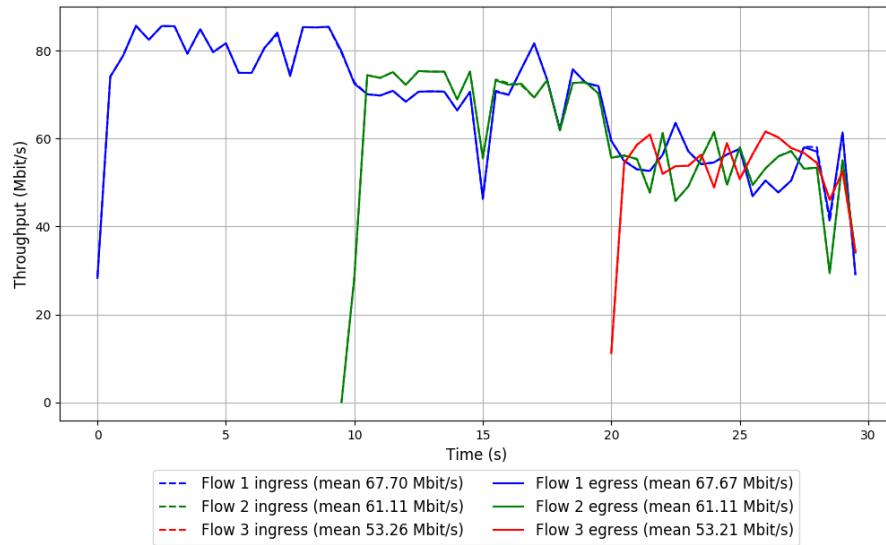


Run 9: Statistics of QUIC Cubic

```
Start at: 2017-11-30 23:35:26
End at: 2017-11-30 23:35:56
Local clock offset: -0.144 ms
Remote clock offset: -0.316 ms

# Below is generated by plot.py at 2017-12-01 03:09:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 125.77 Mbit/s
95th percentile per-packet one-way delay: 2.316 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 67.67 Mbit/s
95th percentile per-packet one-way delay: 2.286 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 61.11 Mbit/s
95th percentile per-packet one-way delay: 2.370 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 53.21 Mbit/s
95th percentile per-packet one-way delay: 2.380 ms
Loss rate: 0.00%
```

Run 9: Report of QUIC Cubic — Data Link

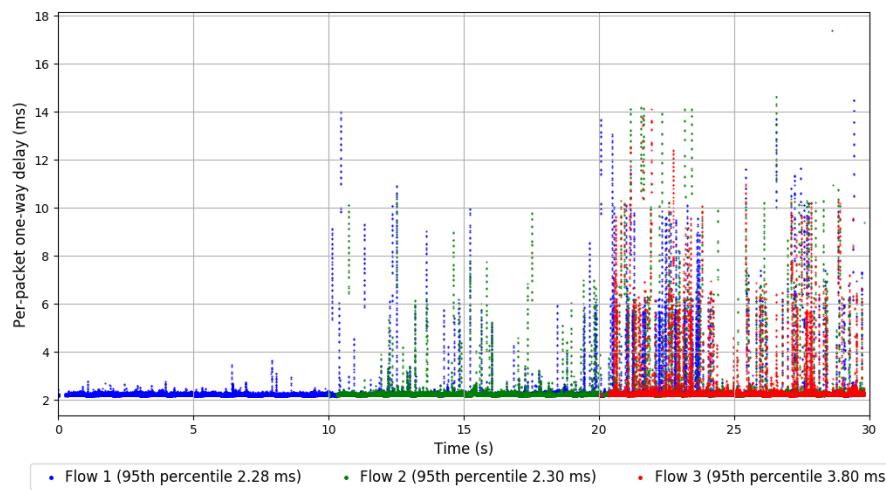
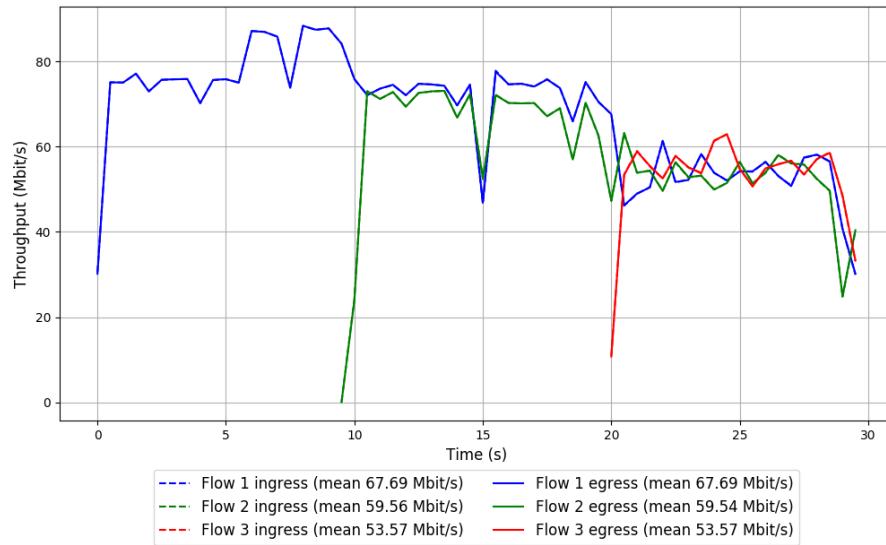


Run 10: Statistics of QUIC Cubic

```
Start at: 2017-11-30 23:54:47
End at: 2017-11-30 23:55:17
Local clock offset: -0.143 ms
Remote clock offset: -0.232 ms

# Below is generated by plot.py at 2017-12-01 03:09:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 124.80 Mbit/s
95th percentile per-packet one-way delay: 2.310 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 67.69 Mbit/s
95th percentile per-packet one-way delay: 2.283 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 59.54 Mbit/s
95th percentile per-packet one-way delay: 2.303 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 53.57 Mbit/s
95th percentile per-packet one-way delay: 3.800 ms
Loss rate: 0.00%
```

Run 10: Report of QUIC Cubic — Data Link

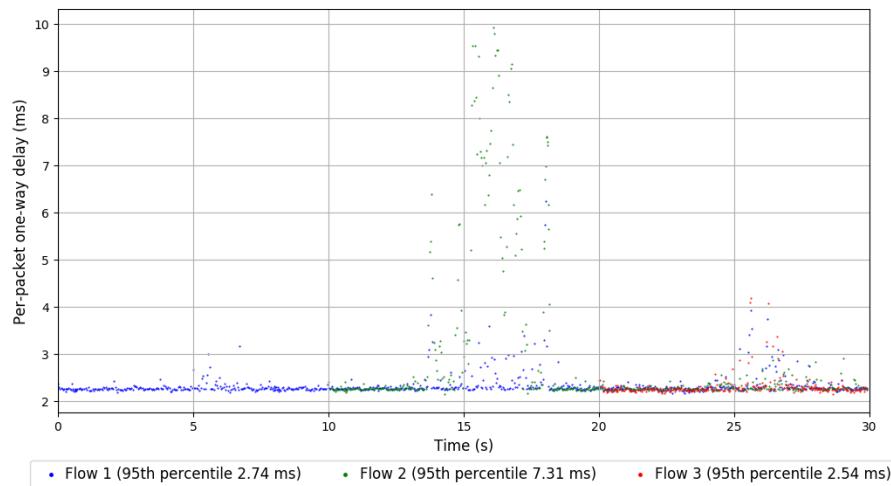
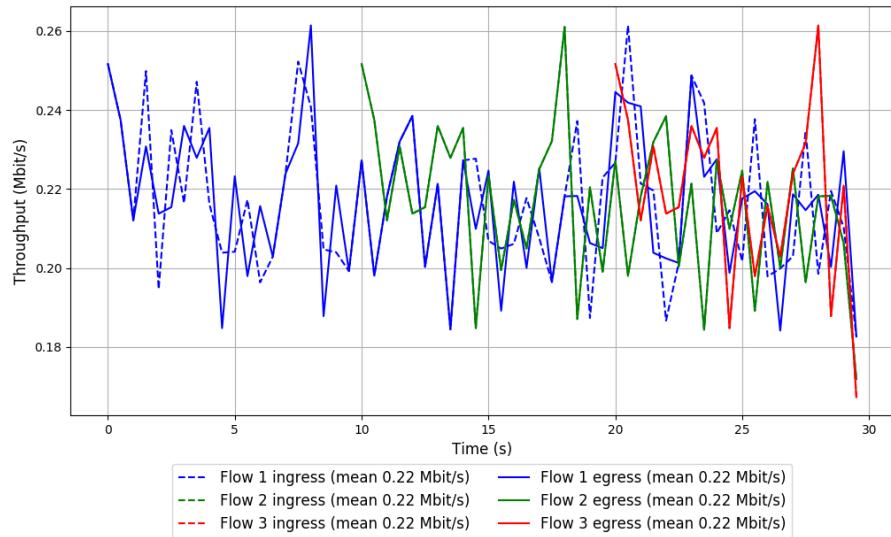


```
Run 1: Statistics of SCReAM

Start at: 2017-11-30 21:04:07
End at: 2017-11-30 21:04:37
Local clock offset: 0.418 ms
Remote clock offset: 0.122 ms

# Below is generated by plot.py at 2017-12-01 03:09:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 3.625 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.737 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 7.307 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.543 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

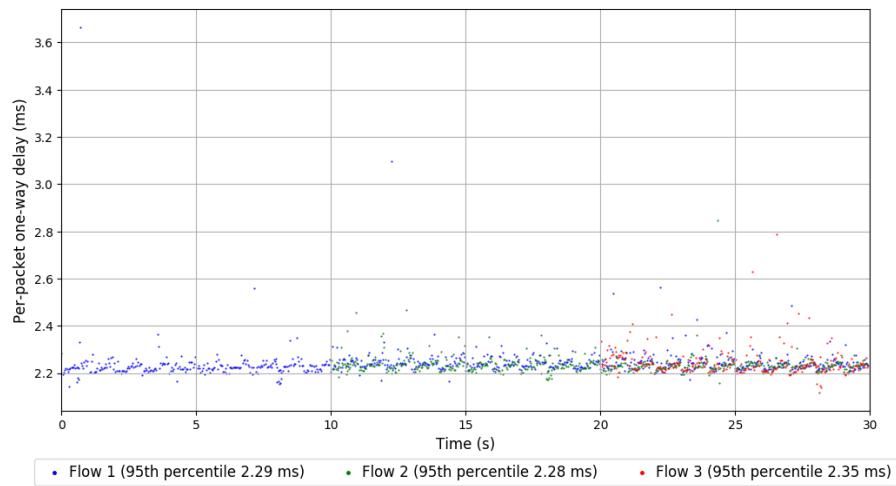
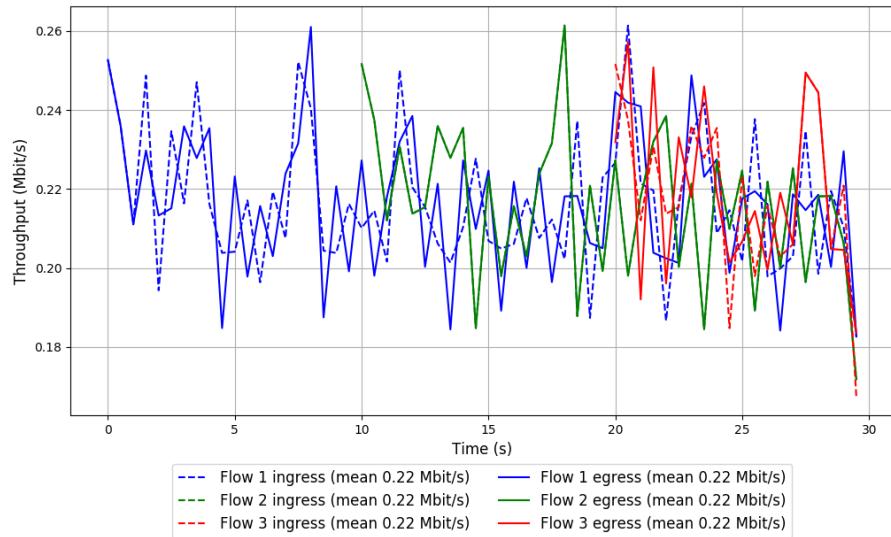


Run 2: Statistics of SCReAM

```
Start at: 2017-11-30 21:23:37
End at: 2017-11-30 21:24:07
Local clock offset: 0.316 ms
Remote clock offset: 0.036 ms

# Below is generated by plot.py at 2017-12-01 03:09:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.296 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.289 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.282 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.346 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

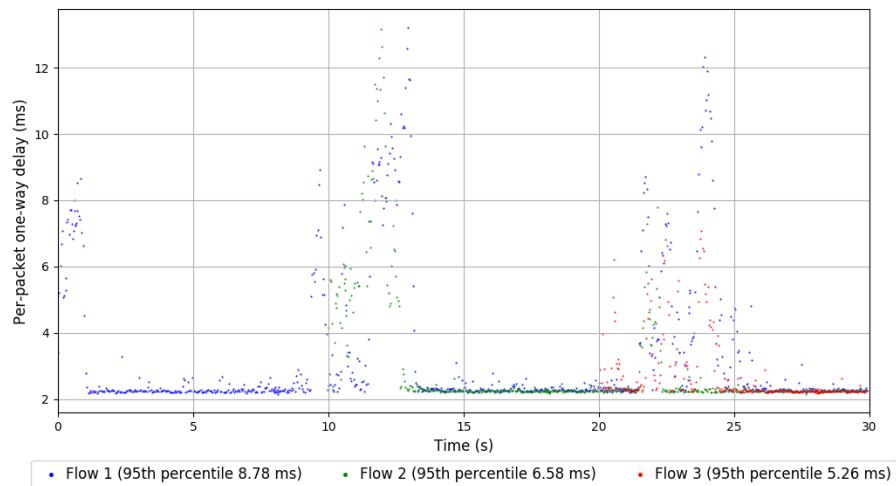
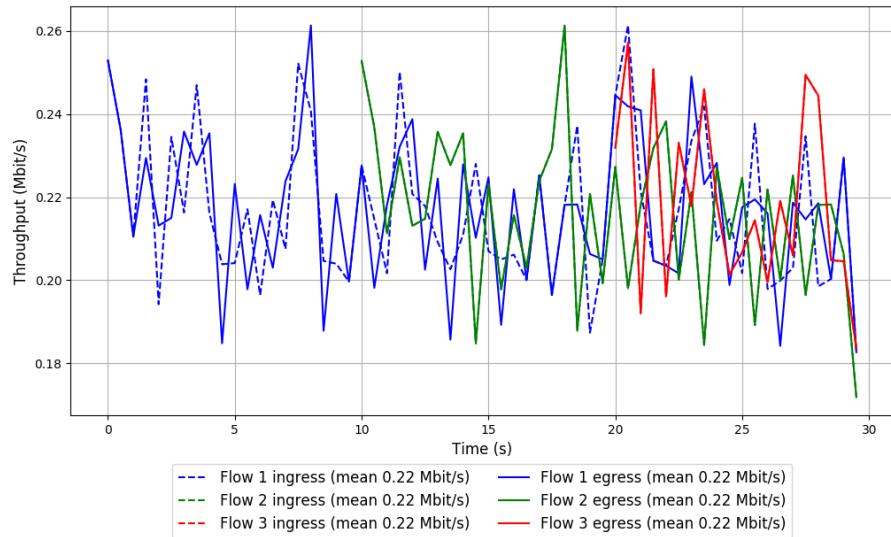


Run 3: Statistics of SCReAM

```
Start at: 2017-11-30 21:42:49
End at: 2017-11-30 21:43:19
Local clock offset: 0.193 ms
Remote clock offset: -0.078 ms

# Below is generated by plot.py at 2017-12-01 03:09:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 7.980 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 8.783 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 6.576 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 5.257 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

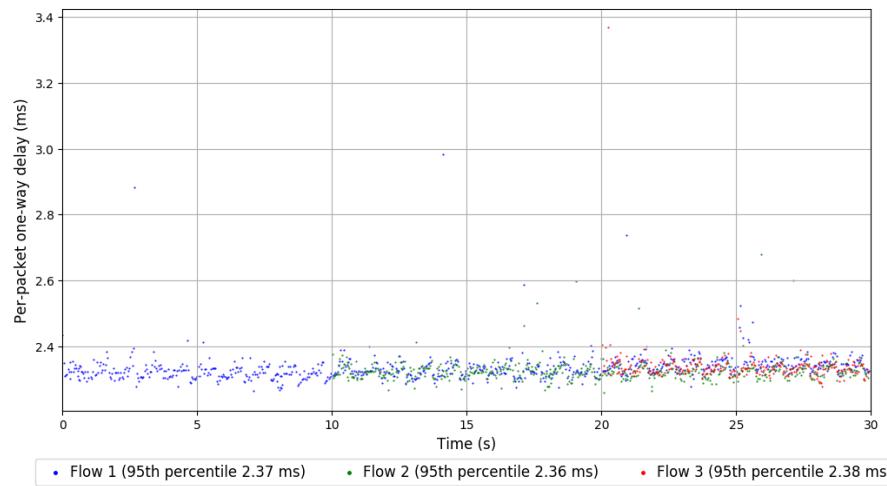
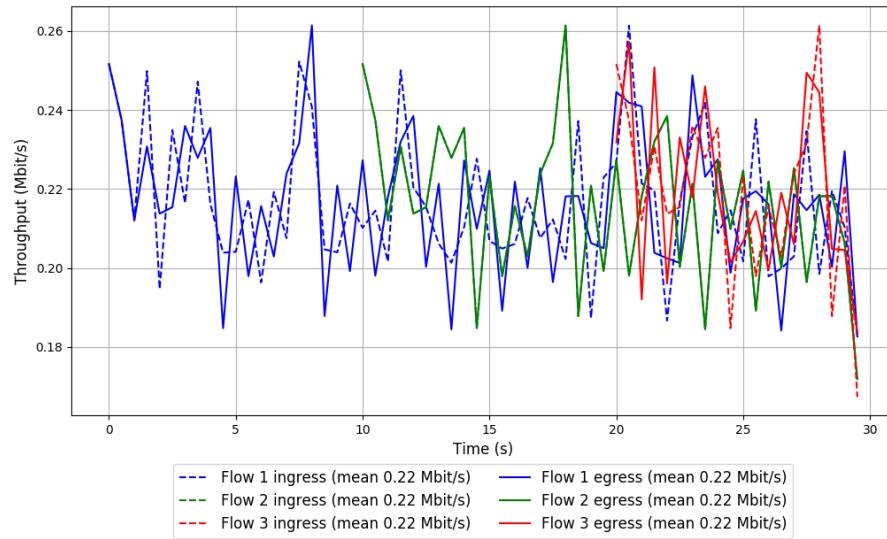


Run 4: Statistics of SCReAM

```
Start at: 2017-11-30 22:02:05
End at: 2017-11-30 22:02:35
Local clock offset: 0.094 ms
Remote clock offset: -0.167 ms

# Below is generated by plot.py at 2017-12-01 03:09:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.371 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.373 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.362 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.377 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

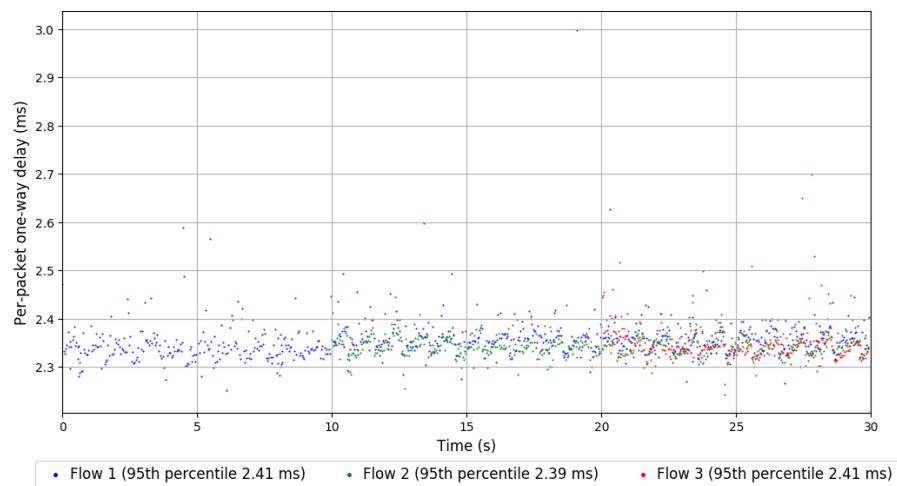
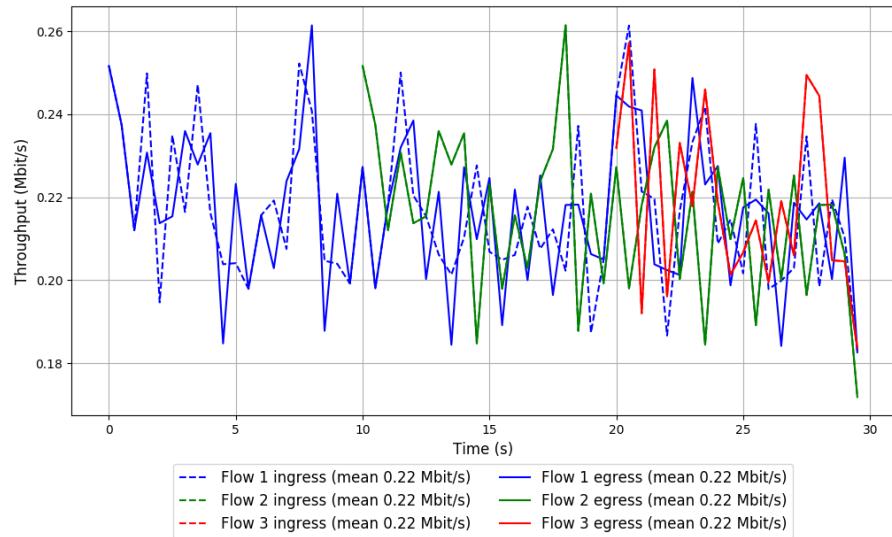


Run 5: Statistics of SCReAM

```
Start at: 2017-11-30 22:21:48
End at: 2017-11-30 22:22:18
Local clock offset: -0.021 ms
Remote clock offset: -0.224 ms

# Below is generated by plot.py at 2017-12-01 03:09:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.403 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.409 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.387 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.410 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

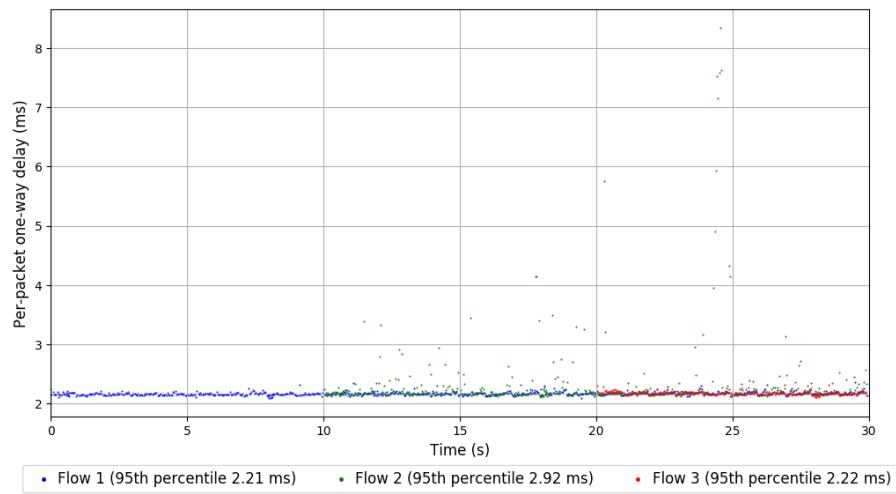
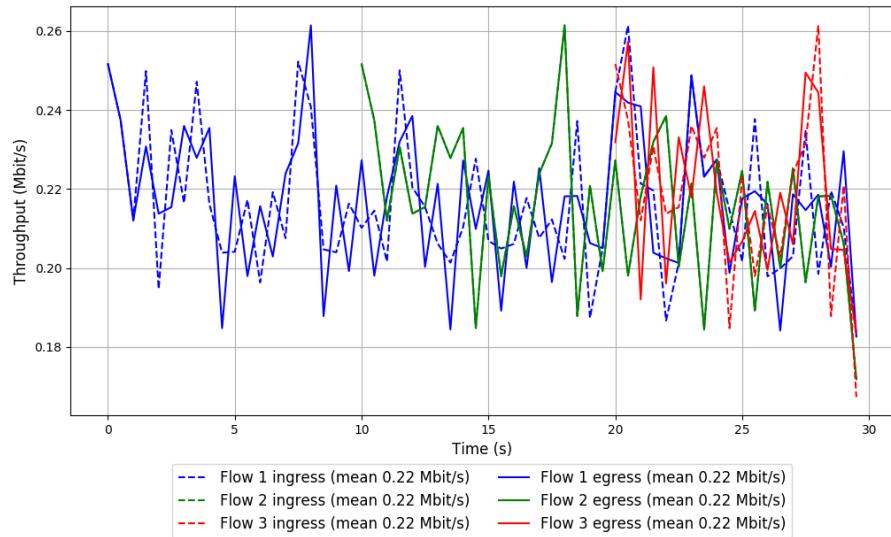


Run 6: Statistics of SCReAM

```
Start at: 2017-11-30 22:41:17
End at: 2017-11-30 22:41:47
Local clock offset: -0.005 ms
Remote clock offset: -0.374 ms

# Below is generated by plot.py at 2017-12-01 03:09:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.321 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.212 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.915 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.224 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link

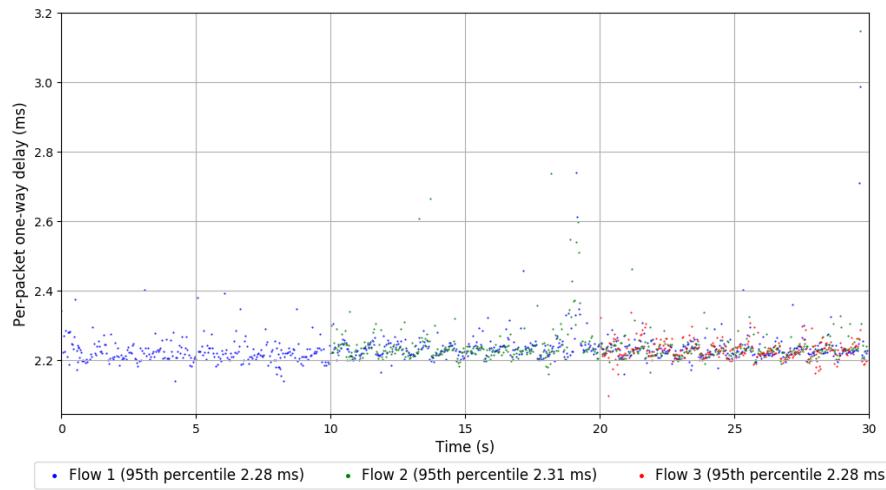
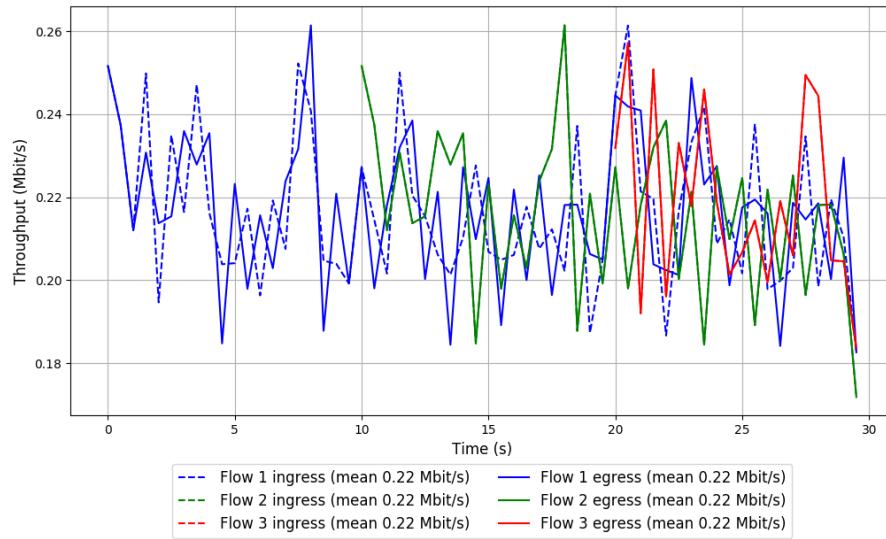


Run 7: Statistics of SCReAM

```
Start at: 2017-11-30 23:00:22
End at: 2017-11-30 23:00:52
Local clock offset: -0.06 ms
Remote clock offset: -0.372 ms

# Below is generated by plot.py at 2017-12-01 03:09:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.291 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.284 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.305 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.276 ms
Loss rate: 0.00%
```

Run 7: Report of SCReAM — Data Link

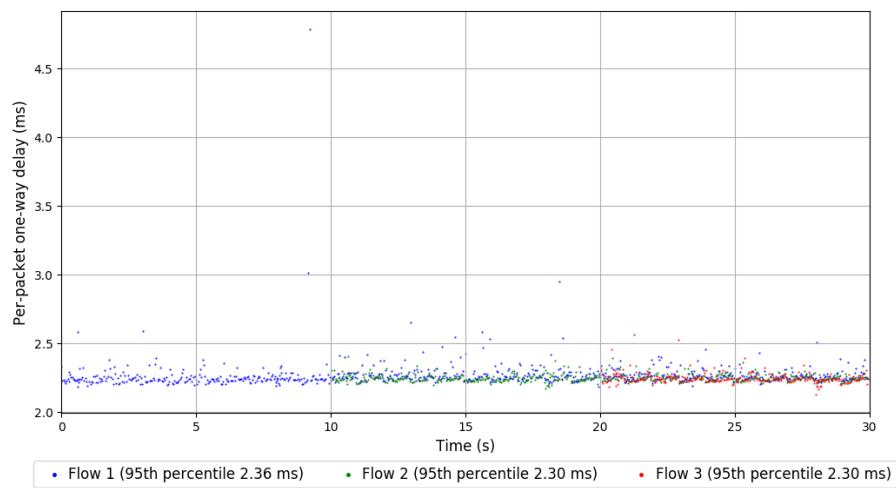
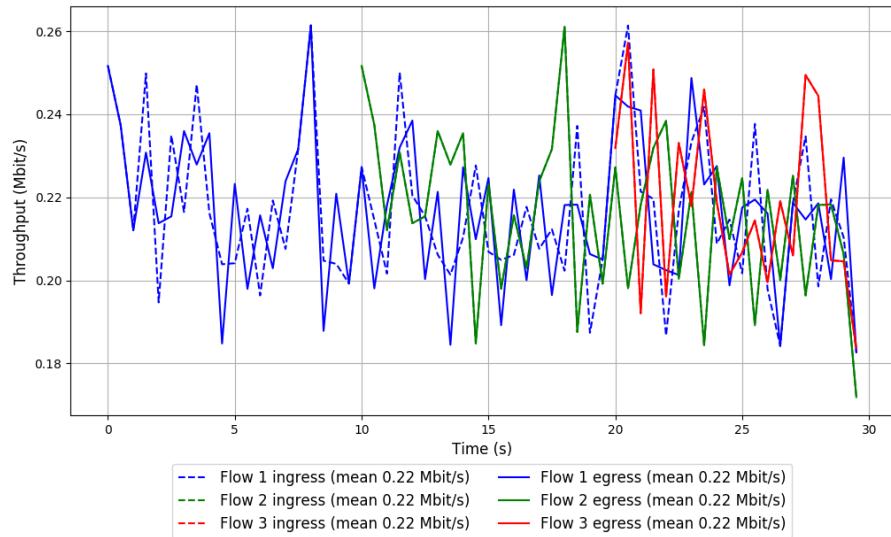


Run 8: Statistics of SCReAM

```
Start at: 2017-11-30 23:19:53
End at: 2017-11-30 23:20:23
Local clock offset: -0.095 ms
Remote clock offset: -0.36 ms

# Below is generated by plot.py at 2017-12-01 03:09:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.331 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.358 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.300 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.301 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

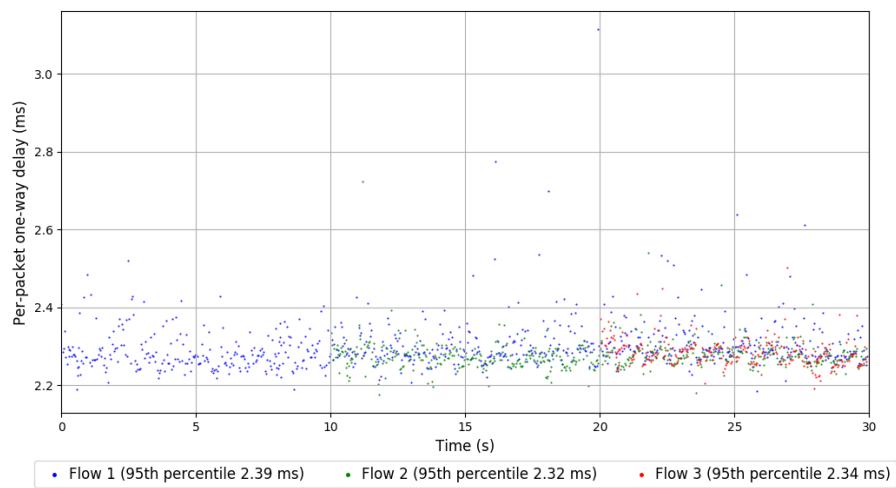
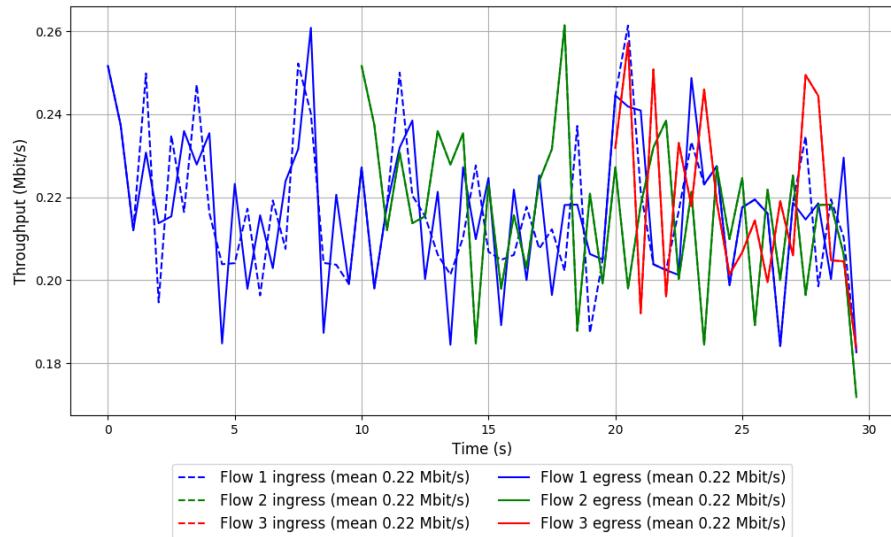


Run 9: Statistics of SCReAM

```
Start at: 2017-11-30 23:39:27
End at: 2017-11-30 23:39:57
Local clock offset: -0.142 ms
Remote clock offset: -0.311 ms

# Below is generated by plot.py at 2017-12-01 03:09:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.368 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.393 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.324 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.341 ms
Loss rate: 0.00%
```

## Run 9: Report of SCReAM — Data Link

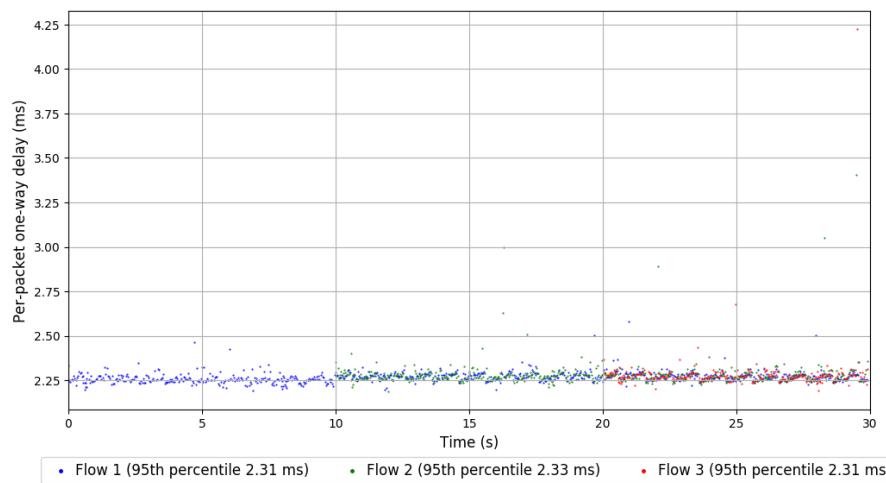
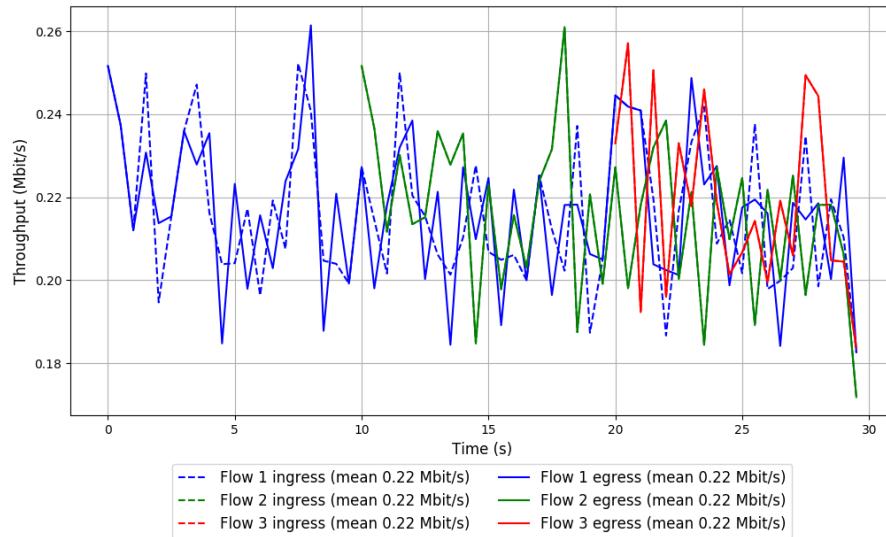


Run 10: Statistics of SCReAM

```
Start at: 2017-11-30 23:58:50
End at: 2017-11-30 23:59:20
Local clock offset: -0.153 ms
Remote clock offset: -0.23 ms

# Below is generated by plot.py at 2017-12-01 03:09:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.315 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.310 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.329 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.312 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link



Run 1: Statistics of WebRTC media

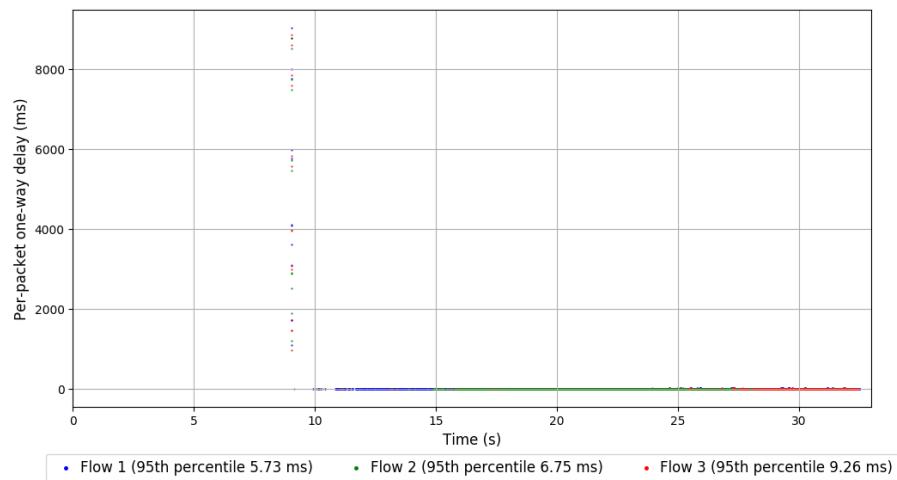
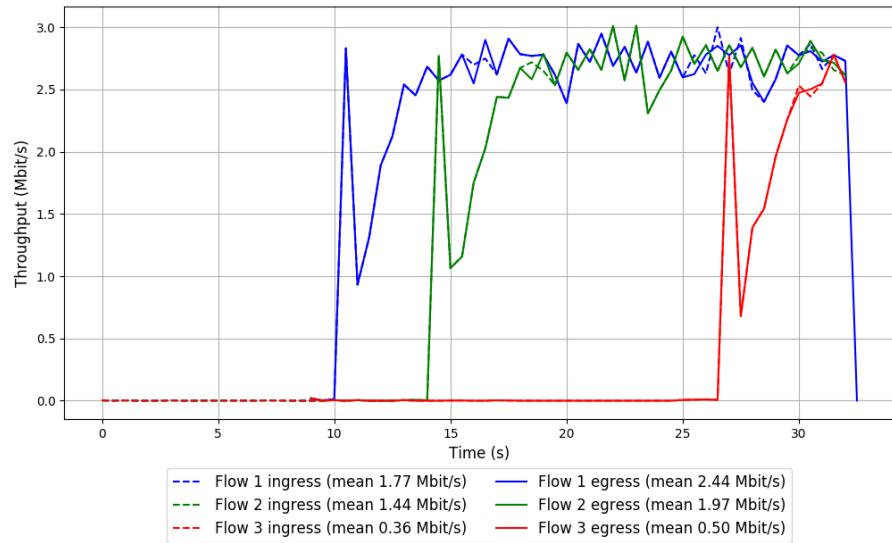
Start at: 2017-11-30 21:09:31

End at: 2017-11-30 21:10:01

Local clock offset: 0.4 ms

Remote clock offset: 0.089 ms

Run 1: Report of WebRTC media — Data Link

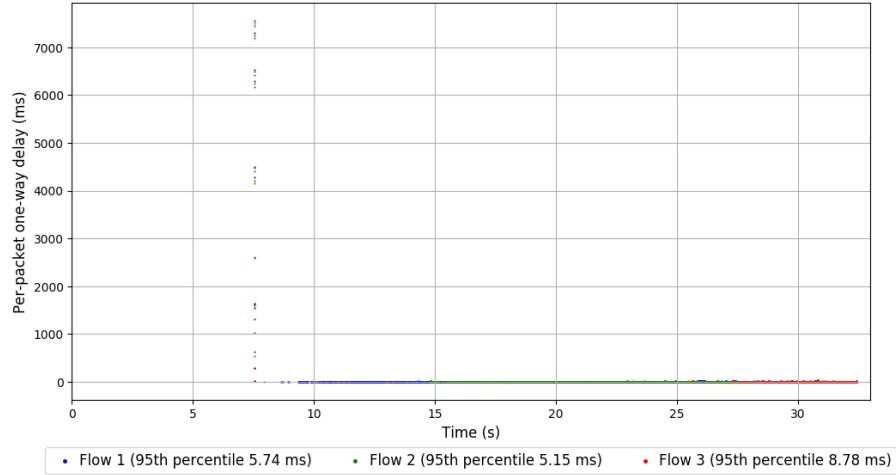
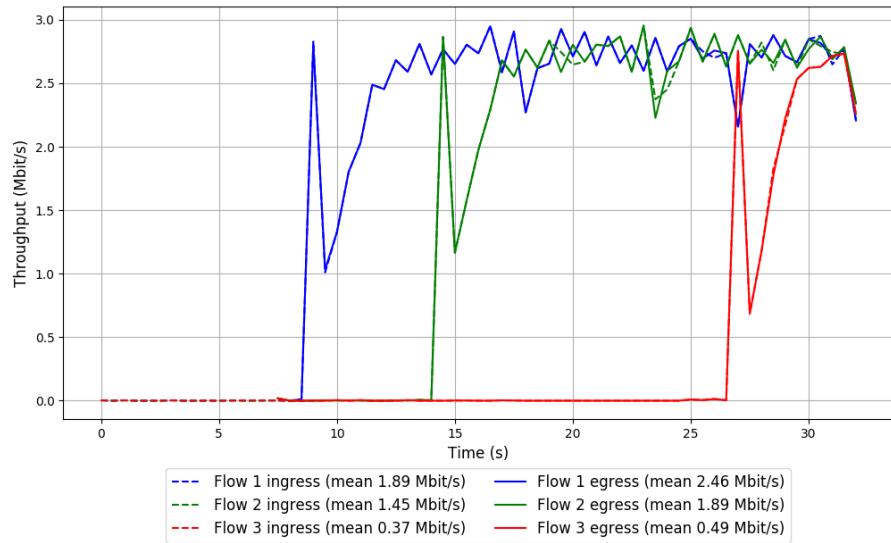


Run 2: Statistics of WebRTC media

```
Start at: 2017-11-30 21:29:00
End at: 2017-11-30 21:29:30
Local clock offset: 0.263 ms
Remote clock offset: -0.049 ms

# Below is generated by plot.py at 2017-12-01 03:09:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.83 Mbit/s
95th percentile per-packet one-way delay: 5.890 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.46 Mbit/s
95th percentile per-packet one-way delay: 5.738 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.89 Mbit/s
95th percentile per-packet one-way delay: 5.151 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 8.782 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

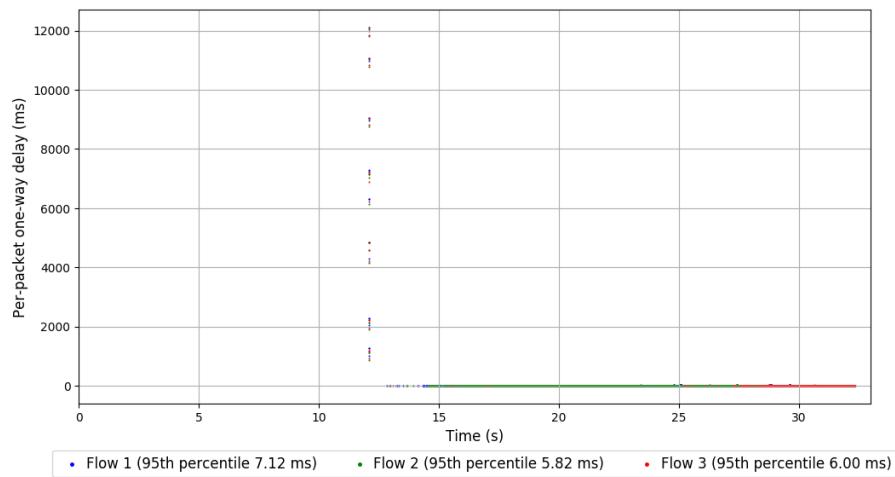
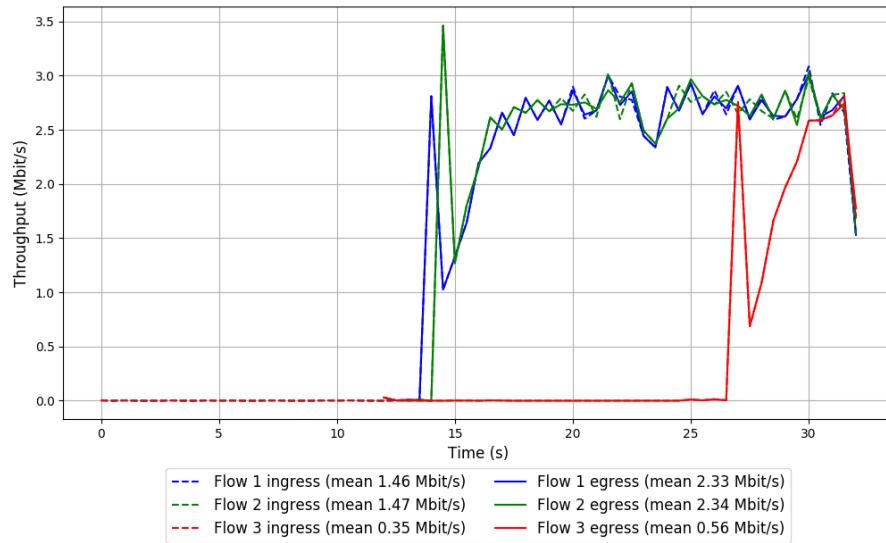
Start at: 2017-11-30 21:48:13

End at: 2017-11-30 21:48:43

Local clock offset: 0.098 ms

Remote clock offset: -0.15 ms

### Run 3: Report of WebRTC media — Data Link

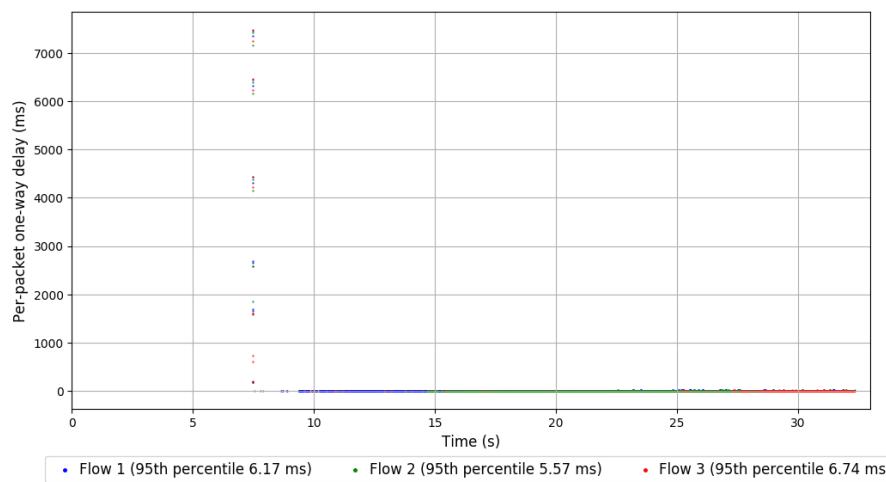
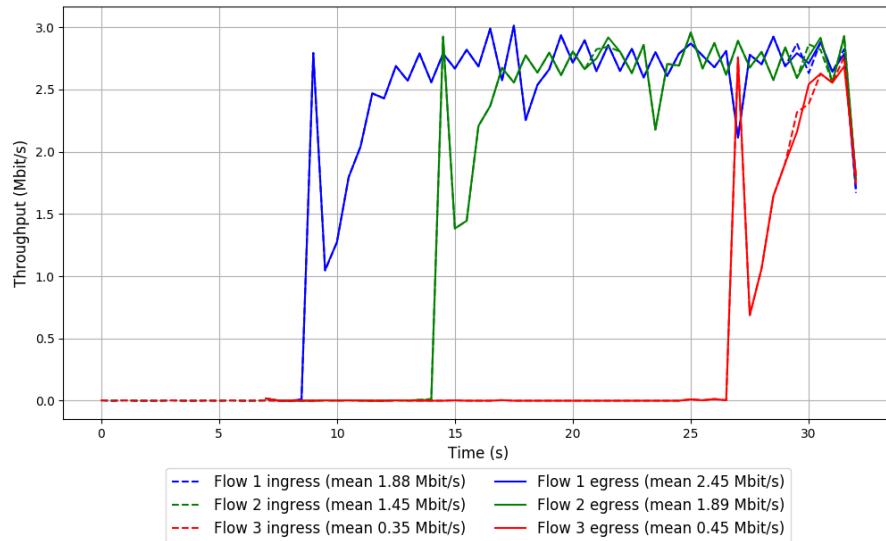


Run 4: Statistics of WebRTC media

```
Start at: 2017-11-30 22:07:30
End at: 2017-11-30 22:08:00
Local clock offset: 0.062 ms
Remote clock offset: -0.233 ms

# Below is generated by plot.py at 2017-12-01 03:09:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.78 Mbit/s
95th percentile per-packet one-way delay: 5.811 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 6.175 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.89 Mbit/s
95th percentile per-packet one-way delay: 5.567 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 6.736 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

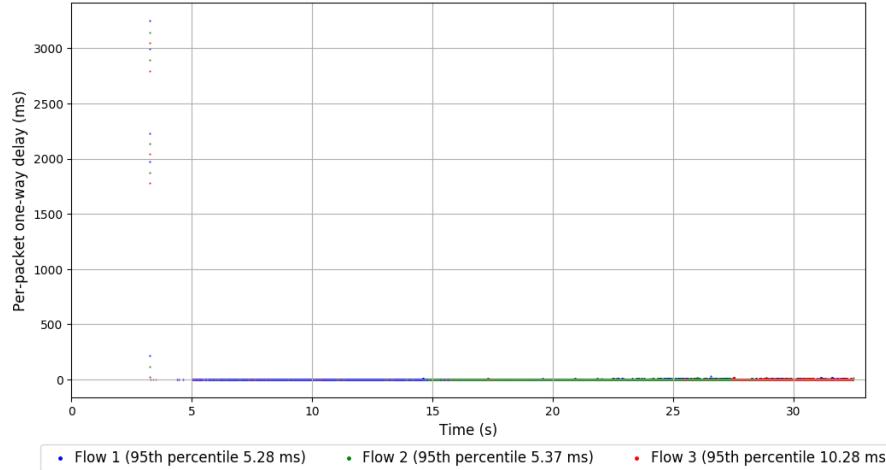
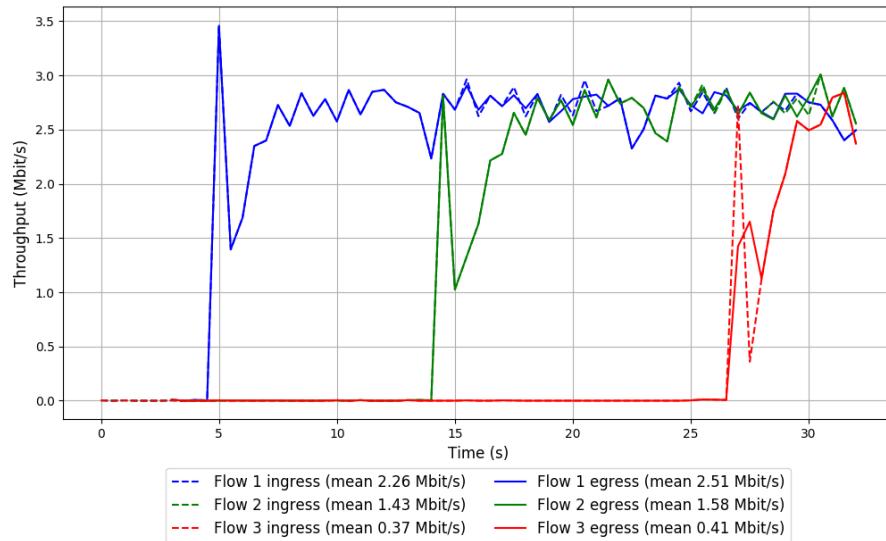


Run 5: Statistics of WebRTC media

```
Start at: 2017-11-30 22:27:14
End at: 2017-11-30 22:27:44
Local clock offset: 0.013 ms
Remote clock offset: -0.252 ms

# Below is generated by plot.py at 2017-12-01 03:09:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.50 Mbit/s
95th percentile per-packet one-way delay: 5.535 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.51 Mbit/s
95th percentile per-packet one-way delay: 5.280 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.58 Mbit/s
95th percentile per-packet one-way delay: 5.373 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 10.278 ms
Loss rate: 0.00%
```

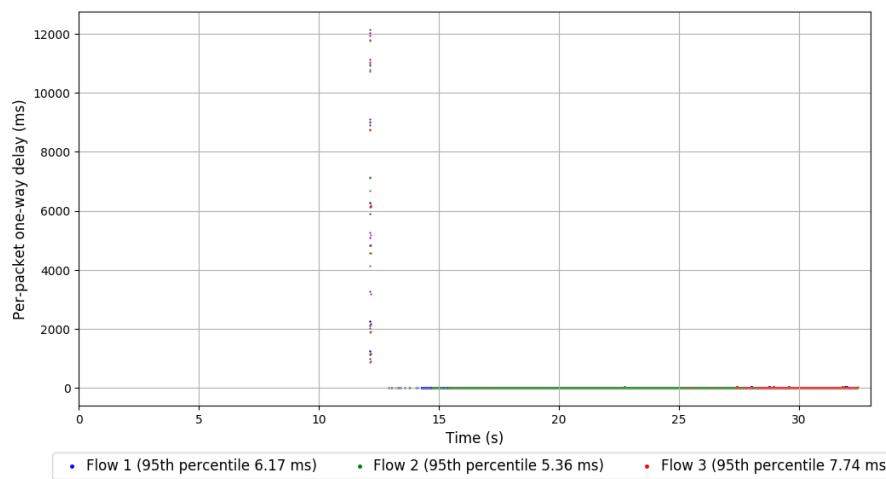
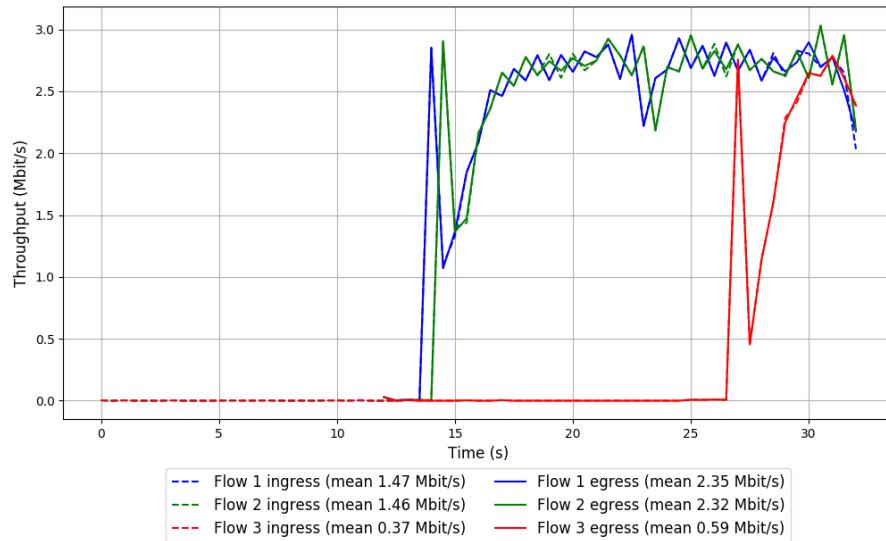
Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2017-11-30 22:46:37  
End at: 2017-11-30 22:47:07  
Local clock offset: -0.047 ms  
Remote clock offset: -0.331 ms

Run 6: Report of WebRTC media — Data Link

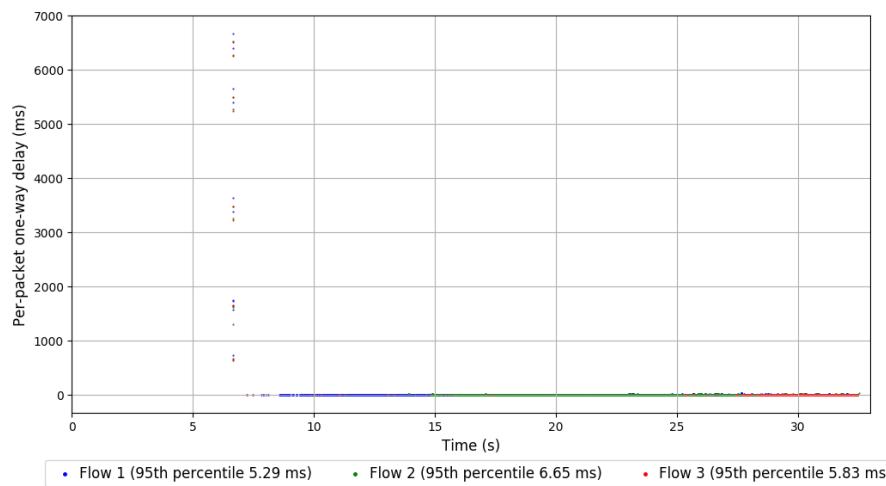
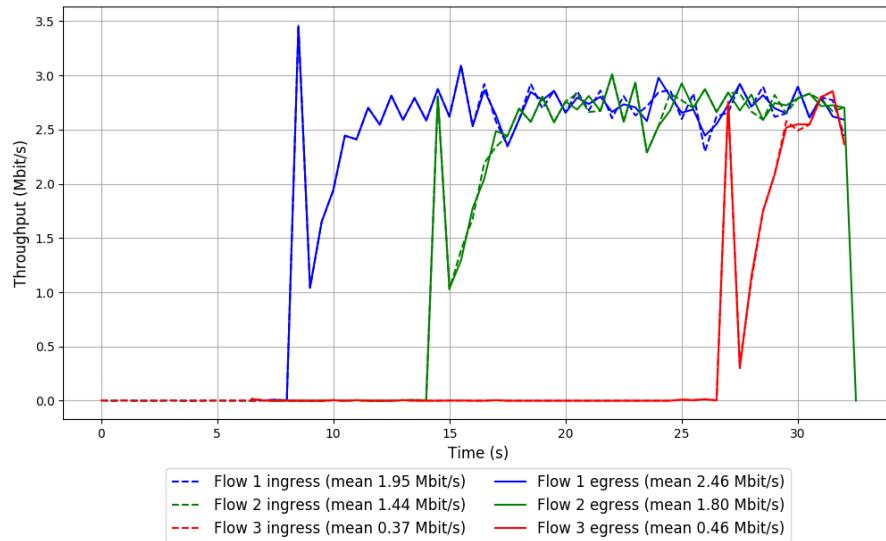


Run 7: Statistics of WebRTC media

```
Start at: 2017-11-30 23:05:47
End at: 2017-11-30 23:06:17
Local clock offset: -0.09 ms
Remote clock offset: -0.366 ms

# Below is generated by plot.py at 2017-12-01 03:09:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.71 Mbit/s
95th percentile per-packet one-way delay: 6.140 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.46 Mbit/s
95th percentile per-packet one-way delay: 5.287 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.80 Mbit/s
95th percentile per-packet one-way delay: 6.647 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 5.826 ms
Loss rate: 0.01%
```

Run 7: Report of WebRTC media — Data Link

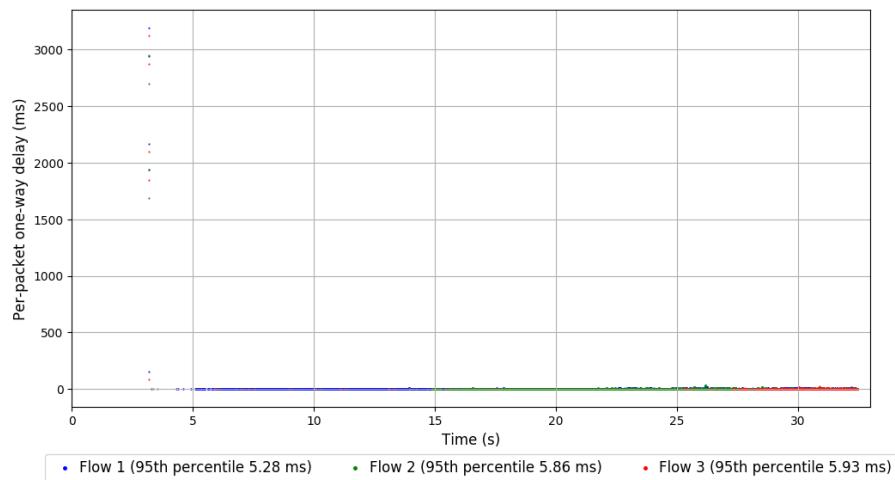
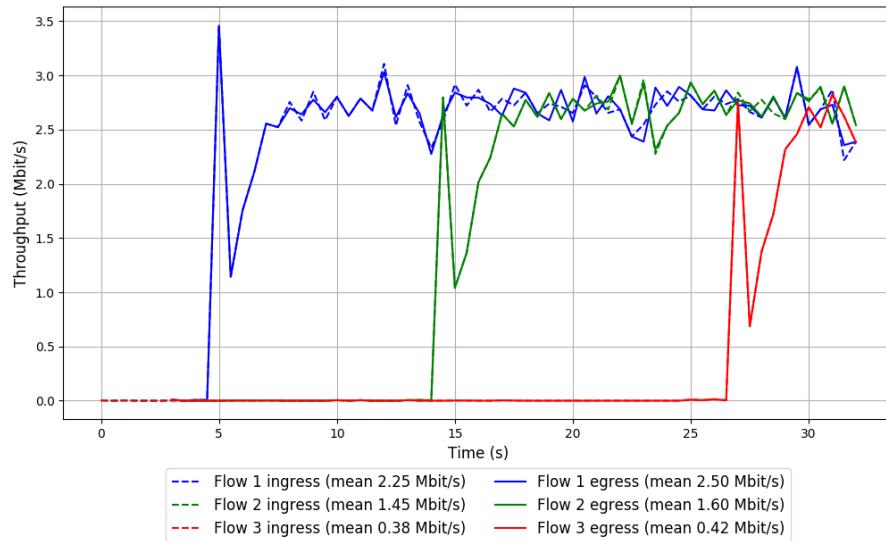


Run 8: Statistics of WebRTC media

```
Start at: 2017-11-30 23:25:20
End at: 2017-11-30 23:25:50
Local clock offset: -0.178 ms
Remote clock offset: -0.366 ms

# Below is generated by plot.py at 2017-12-01 03:09:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.51 Mbit/s
95th percentile per-packet one-way delay: 5.595 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.50 Mbit/s
95th percentile per-packet one-way delay: 5.284 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.60 Mbit/s
95th percentile per-packet one-way delay: 5.858 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 5.926 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

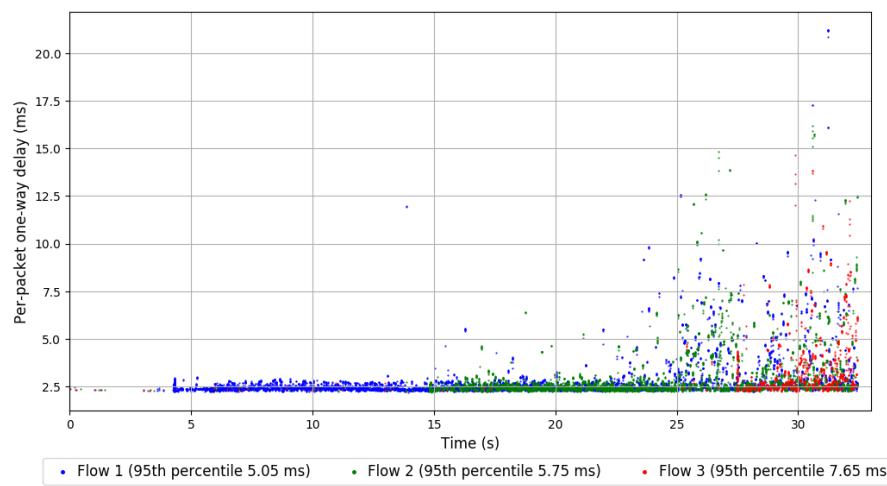
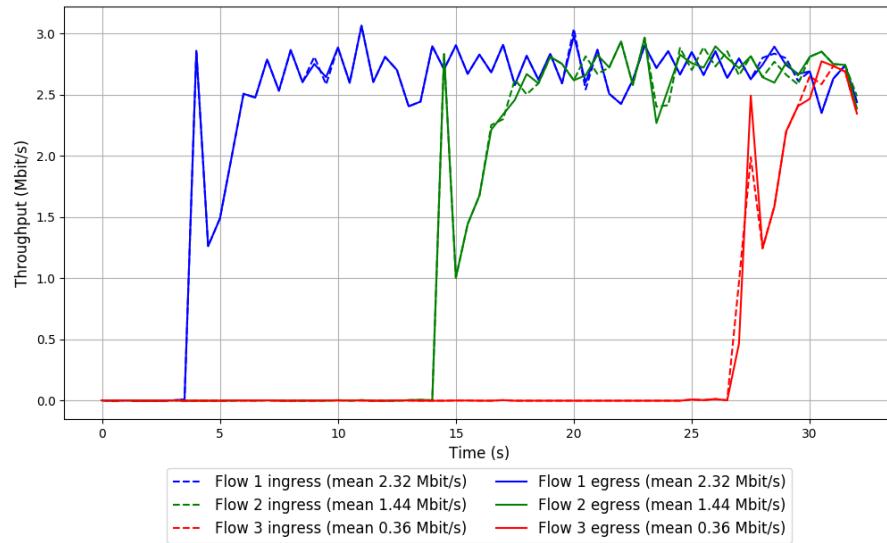


Run 9: Statistics of WebRTC media

```
Start at: 2017-11-30 23:44:50
End at: 2017-11-30 23:45:20
Local clock offset: -0.21 ms
Remote clock offset: -0.289 ms

# Below is generated by plot.py at 2017-12-01 03:09:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.12 Mbit/s
95th percentile per-packet one-way delay: 5.742 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 5.052 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.44 Mbit/s
95th percentile per-packet one-way delay: 5.746 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 7.654 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

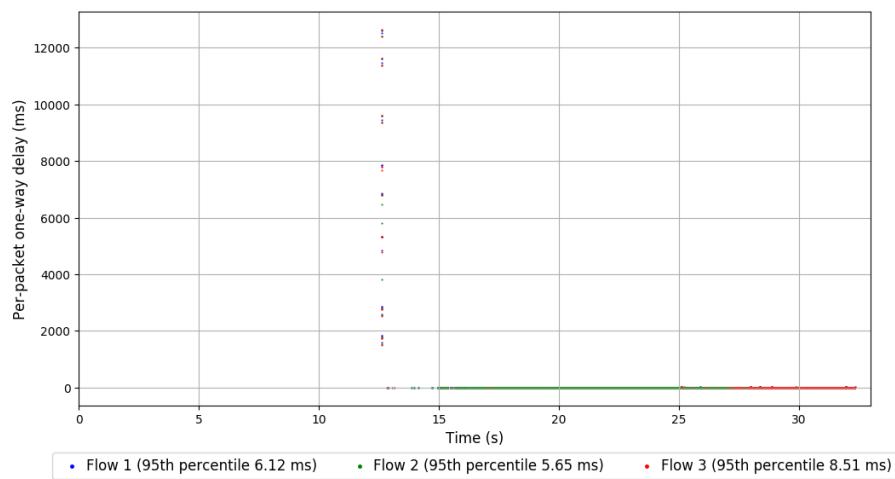
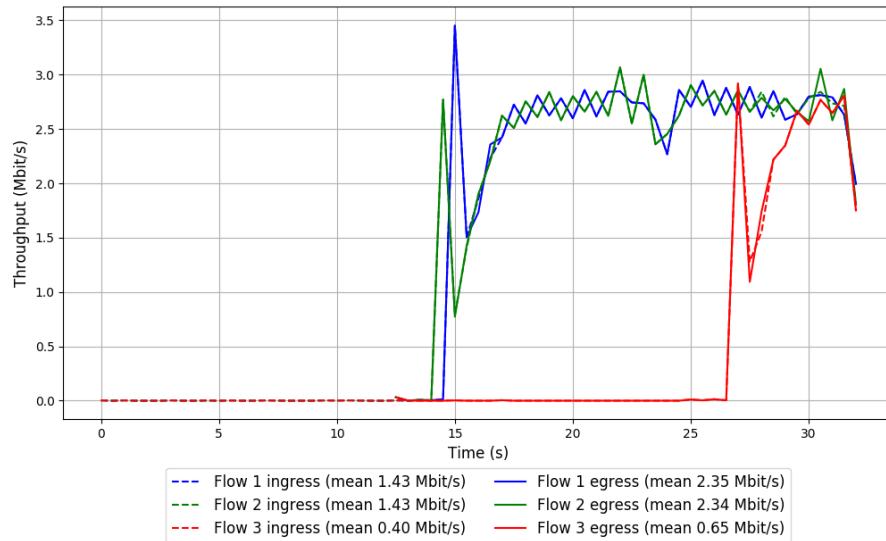
Start at: 2017-12-01 00:04:13

End at: 2017-12-01 00:04:43

Local clock offset: -0.138 ms

Remote clock offset: -0.223 ms

### Run 10: Report of WebRTC media — Data Link

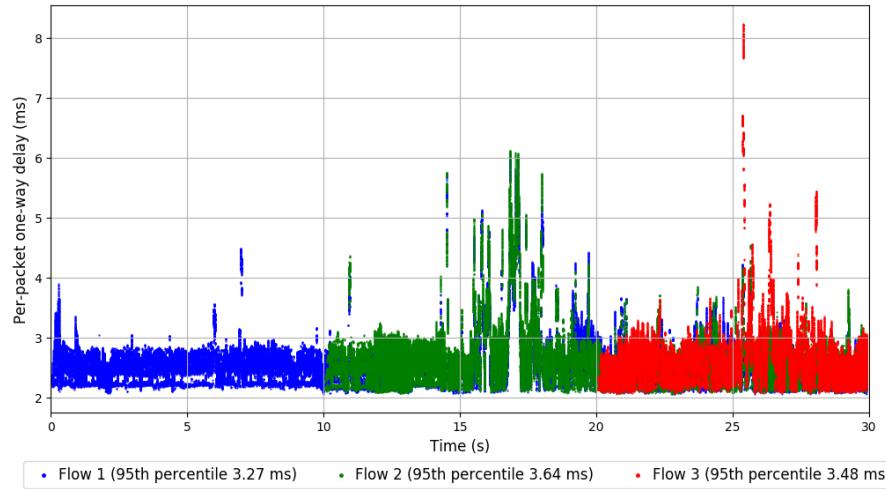
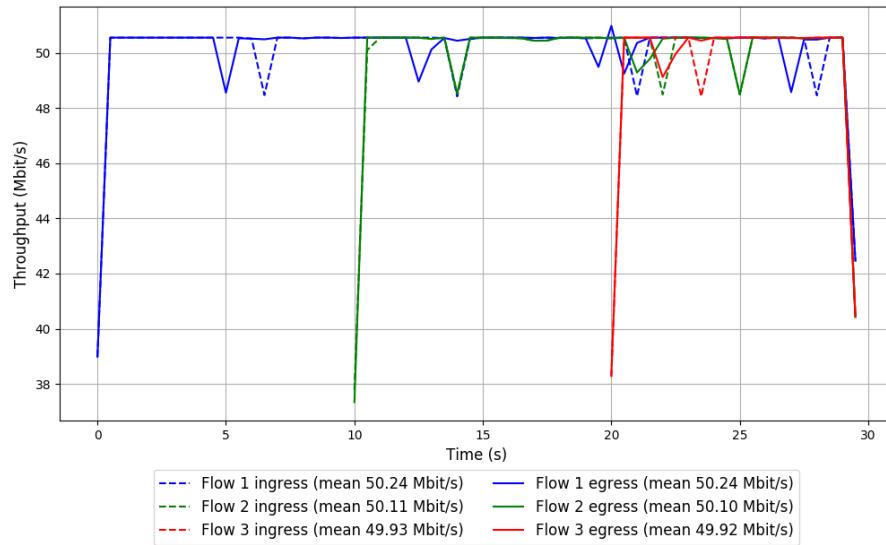


Run 1: Statistics of Sprout

```
Start at: 2017-11-30 20:59:07
End at: 2017-11-30 20:59:37
Local clock offset: 0.47 ms
Remote clock offset: 0.092 ms

# Below is generated by plot.py at 2017-12-01 03:09:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 100.04 Mbit/s
95th percentile per-packet one-way delay: 3.441 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.24 Mbit/s
95th percentile per-packet one-way delay: 3.274 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 50.10 Mbit/s
95th percentile per-packet one-way delay: 3.641 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 49.92 Mbit/s
95th percentile per-packet one-way delay: 3.479 ms
Loss rate: 0.00%
```

Run 1: Report of Sprout — Data Link

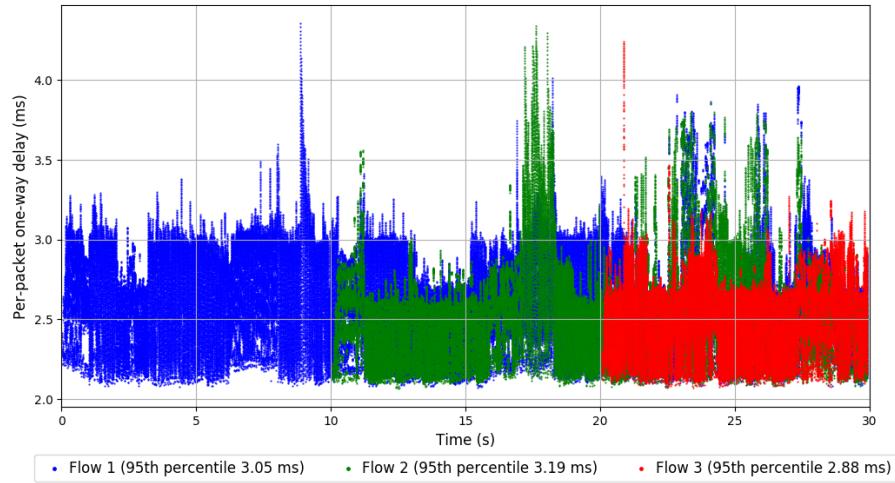
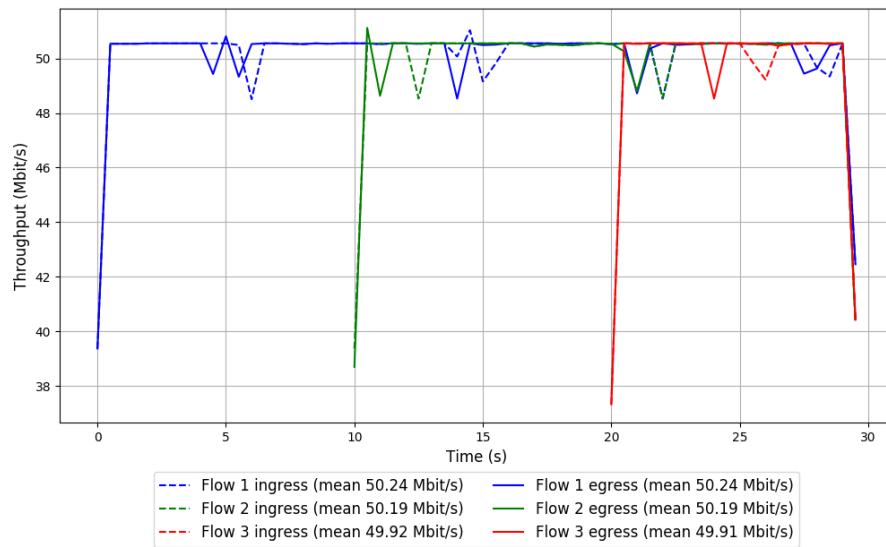


Run 2: Statistics of Sprout

```
Start at: 2017-11-30 21:18:27
End at: 2017-11-30 21:18:57
Local clock offset: 0.324 ms
Remote clock offset: -0.011 ms

# Below is generated by plot.py at 2017-12-01 03:09:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 100.08 Mbit/s
95th percentile per-packet one-way delay: 3.055 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.24 Mbit/s
95th percentile per-packet one-way delay: 3.054 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 50.19 Mbit/s
95th percentile per-packet one-way delay: 3.186 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 49.91 Mbit/s
95th percentile per-packet one-way delay: 2.880 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

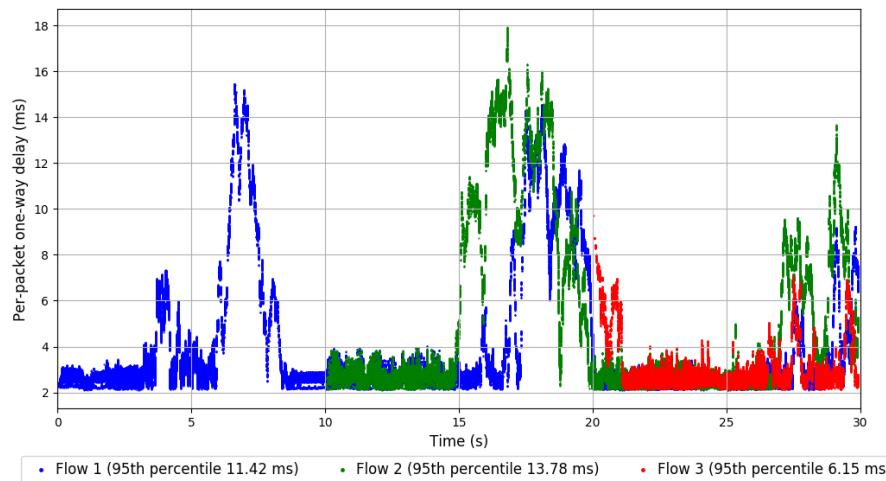
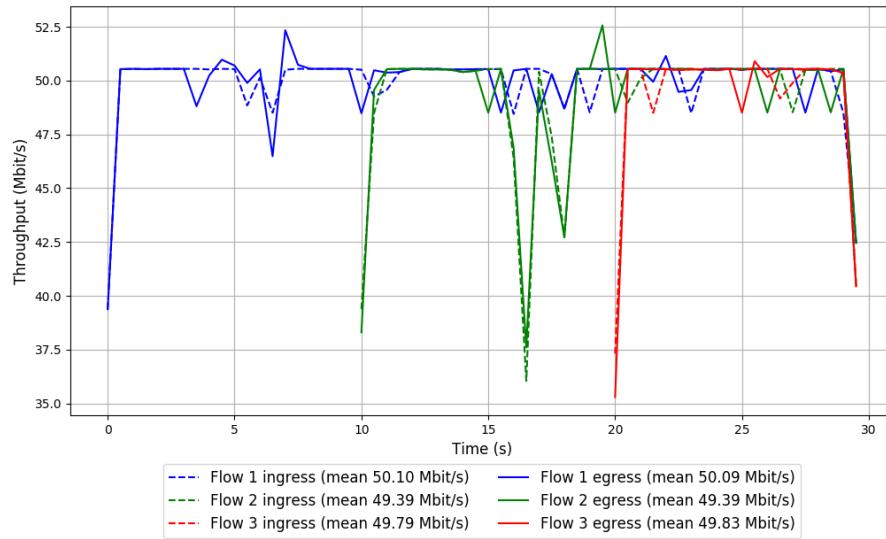


Run 3: Statistics of Sprout

```
Start at: 2017-11-30 21:37:42
End at: 2017-11-30 21:38:12
Local clock offset: 0.22 ms
Remote clock offset: -0.048 ms

# Below is generated by plot.py at 2017-12-01 03:09:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 99.37 Mbit/s
95th percentile per-packet one-way delay: 12.020 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.09 Mbit/s
95th percentile per-packet one-way delay: 11.418 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 49.39 Mbit/s
95th percentile per-packet one-way delay: 13.780 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 49.83 Mbit/s
95th percentile per-packet one-way delay: 6.150 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

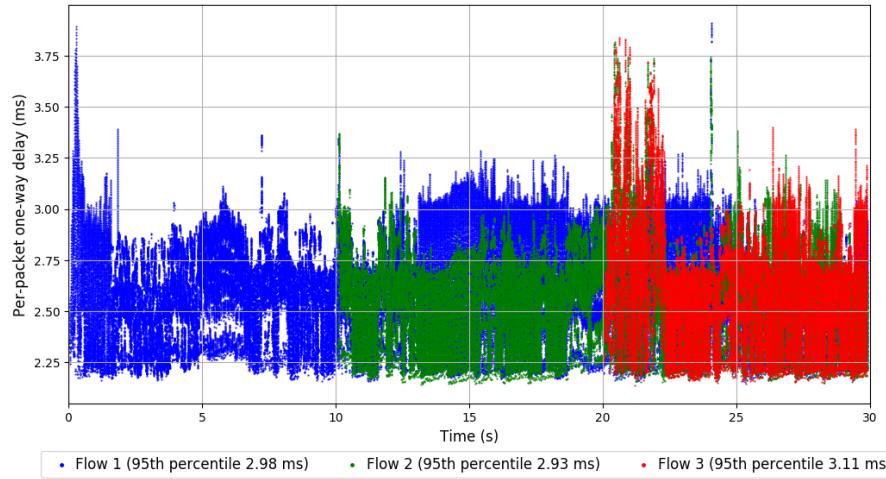
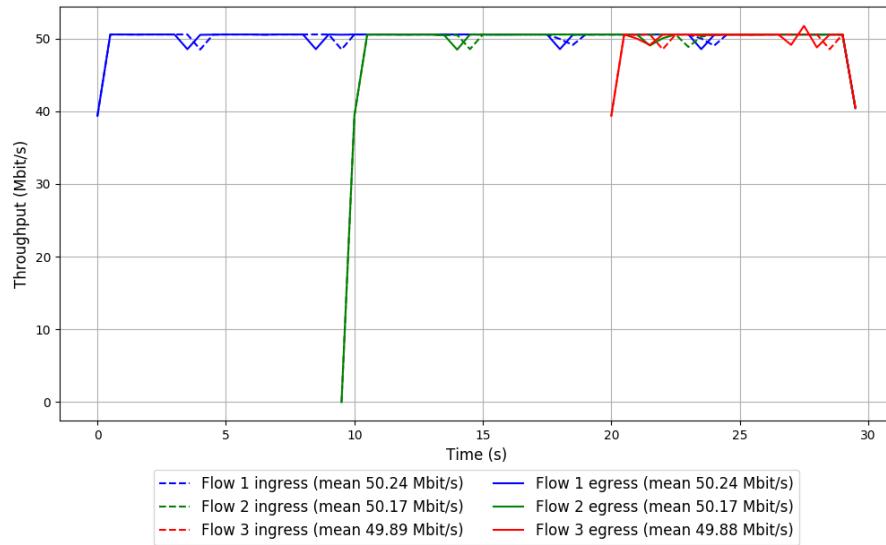


Run 4: Statistics of Sprout

```
Start at: 2017-11-30 21:56:56
End at: 2017-11-30 21:57:26
Local clock offset: 0.168 ms
Remote clock offset: -0.14 ms

# Below is generated by plot.py at 2017-12-01 03:09:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 100.11 Mbit/s
95th percentile per-packet one-way delay: 2.986 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.24 Mbit/s
95th percentile per-packet one-way delay: 2.983 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 50.17 Mbit/s
95th percentile per-packet one-way delay: 2.934 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 49.88 Mbit/s
95th percentile per-packet one-way delay: 3.113 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

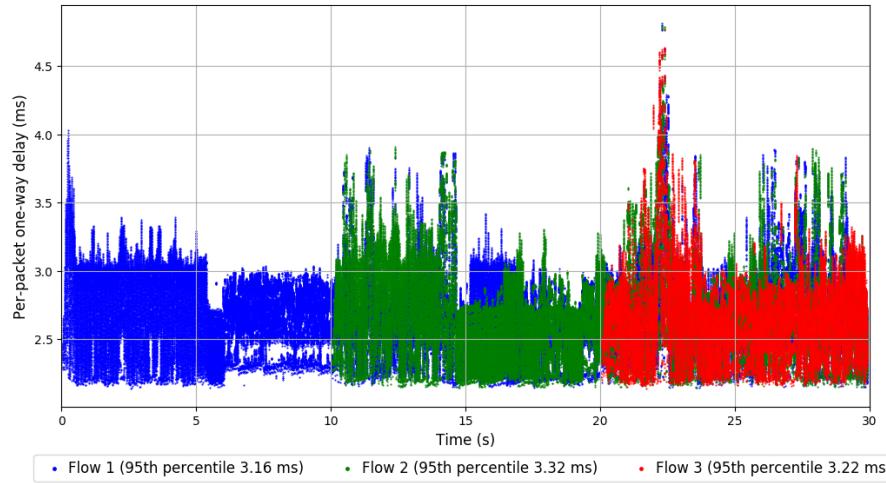
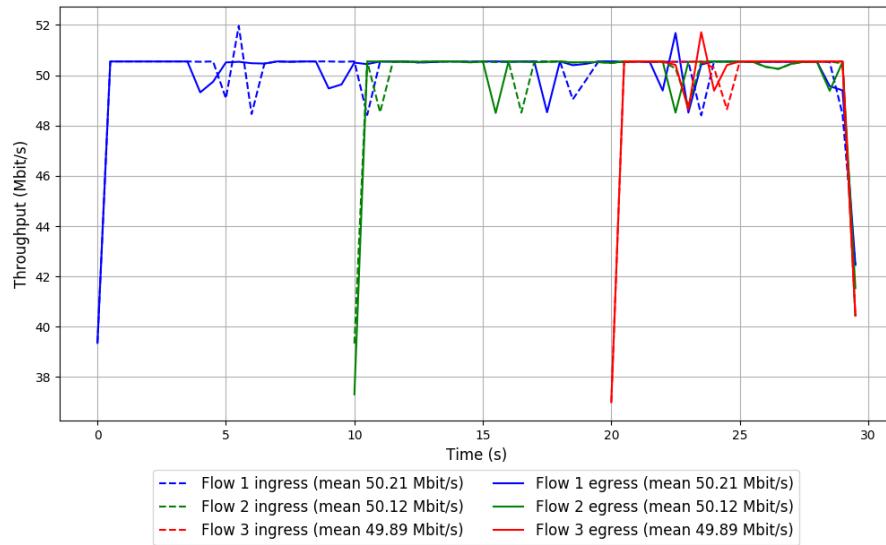


Run 5: Statistics of Sprout

```
Start at: 2017-11-30 22:16:40
End at: 2017-11-30 22:17:10
Local clock offset: 0.074 ms
Remote clock offset: -0.223 ms

# Below is generated by plot.py at 2017-12-01 03:09:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 100.01 Mbit/s
95th percentile per-packet one-way delay: 3.230 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.21 Mbit/s
95th percentile per-packet one-way delay: 3.161 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 50.12 Mbit/s
95th percentile per-packet one-way delay: 3.317 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 49.89 Mbit/s
95th percentile per-packet one-way delay: 3.222 ms
Loss rate: 0.00%
```

## Run 5: Report of Sprout — Data Link

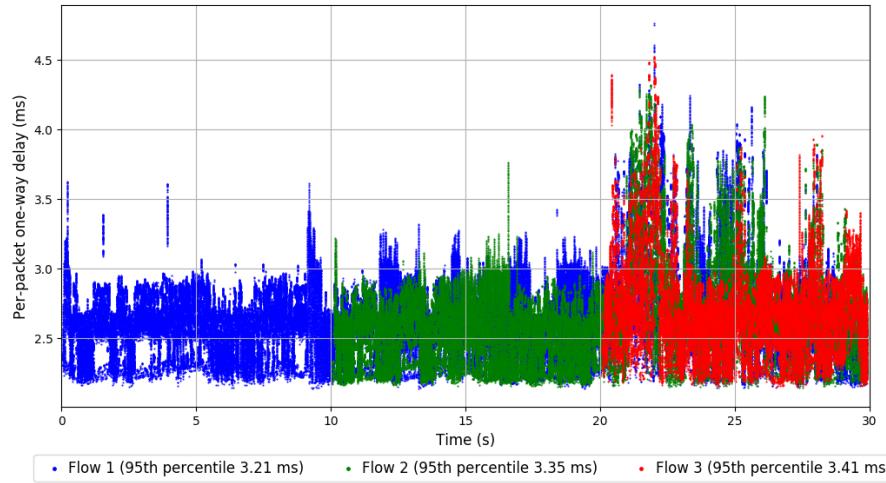
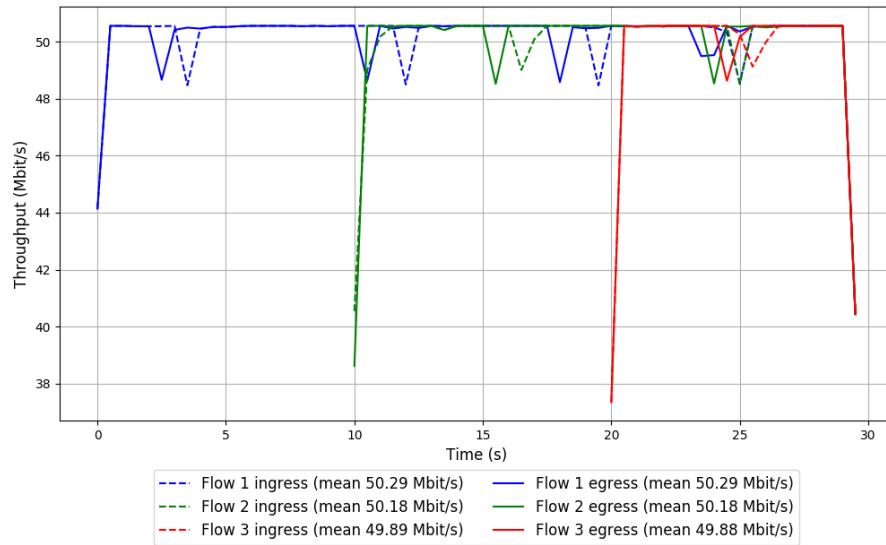


Run 6: Statistics of Sprout

```
Start at: 2017-11-30 22:36:10
End at: 2017-11-30 22:36:40
Local clock offset: -0.001 ms
Remote clock offset: -0.276 ms

# Below is generated by plot.py at 2017-12-01 03:09:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 100.14 Mbit/s
95th percentile per-packet one-way delay: 3.307 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.29 Mbit/s
95th percentile per-packet one-way delay: 3.208 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 50.18 Mbit/s
95th percentile per-packet one-way delay: 3.353 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 49.88 Mbit/s
95th percentile per-packet one-way delay: 3.412 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link

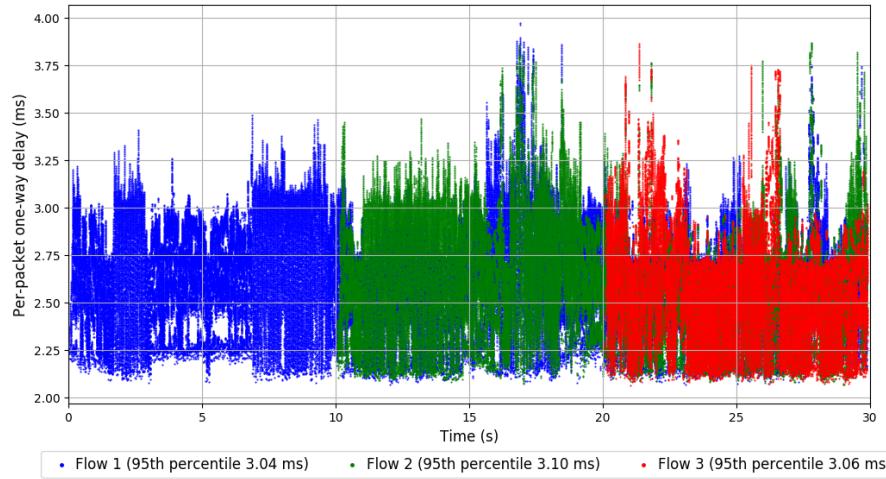
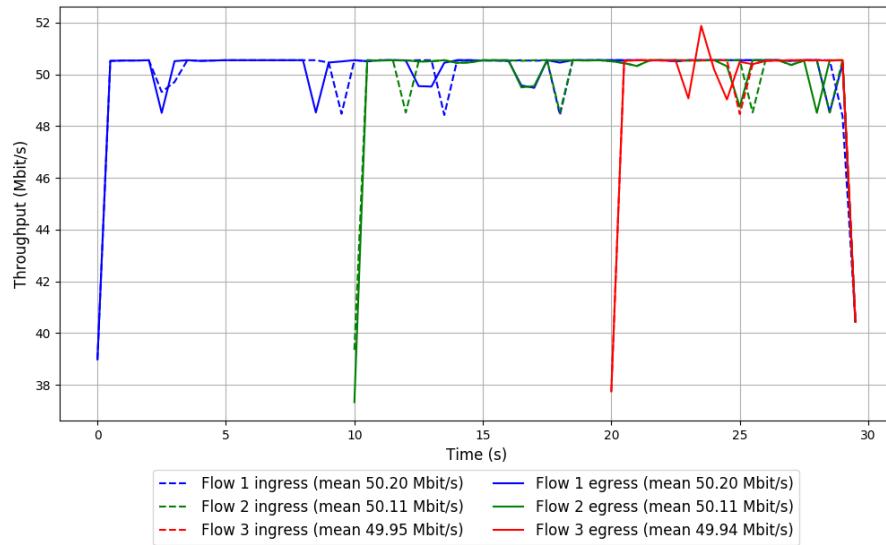


Run 7: Statistics of Sprout

```
Start at: 2017-11-30 22:55:14
End at: 2017-11-30 22:55:44
Local clock offset: -0.072 ms
Remote clock offset: -0.43 ms

# Below is generated by plot.py at 2017-12-01 03:10:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 100.00 Mbit/s
95th percentile per-packet one-way delay: 3.063 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.20 Mbit/s
95th percentile per-packet one-way delay: 3.038 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 50.11 Mbit/s
95th percentile per-packet one-way delay: 3.104 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 49.94 Mbit/s
95th percentile per-packet one-way delay: 3.057 ms
Loss rate: 0.00%
```

Run 7: Report of Sprout — Data Link

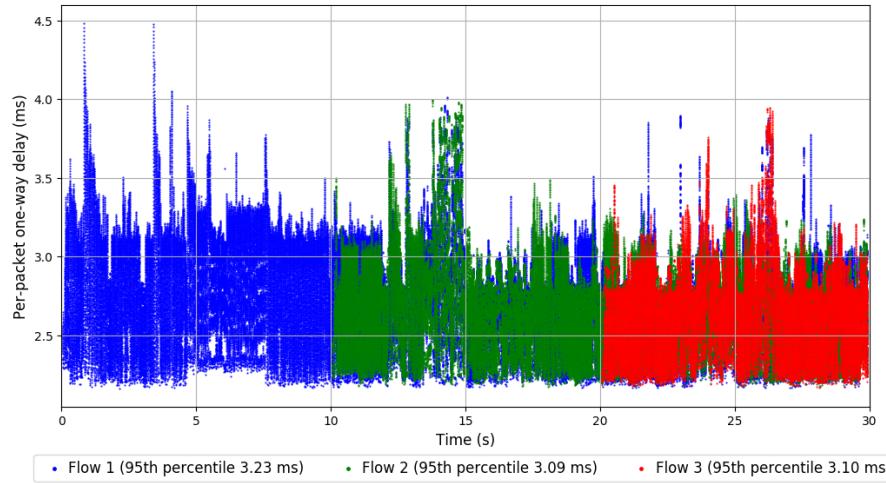
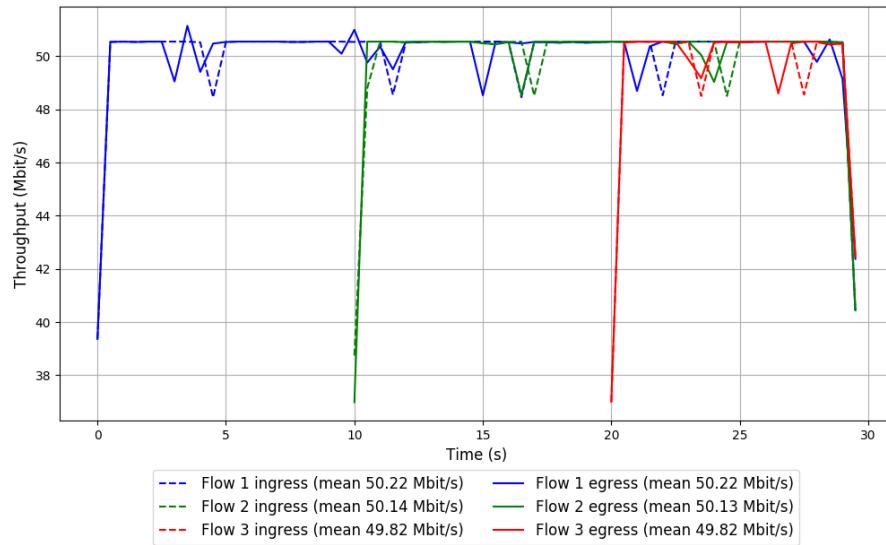


Run 8: Statistics of Sprout

```
Start at: 2017-11-30 23:14:44
End at: 2017-11-30 23:15:14
Local clock offset: -0.179 ms
Remote clock offset: -0.397 ms

# Below is generated by plot.py at 2017-12-01 03:10:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 100.00 Mbit/s
95th percentile per-packet one-way delay: 3.174 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.22 Mbit/s
95th percentile per-packet one-way delay: 3.228 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 50.13 Mbit/s
95th percentile per-packet one-way delay: 3.094 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 49.82 Mbit/s
95th percentile per-packet one-way delay: 3.097 ms
Loss rate: 0.00%
```

## Run 8: Report of Sprout — Data Link

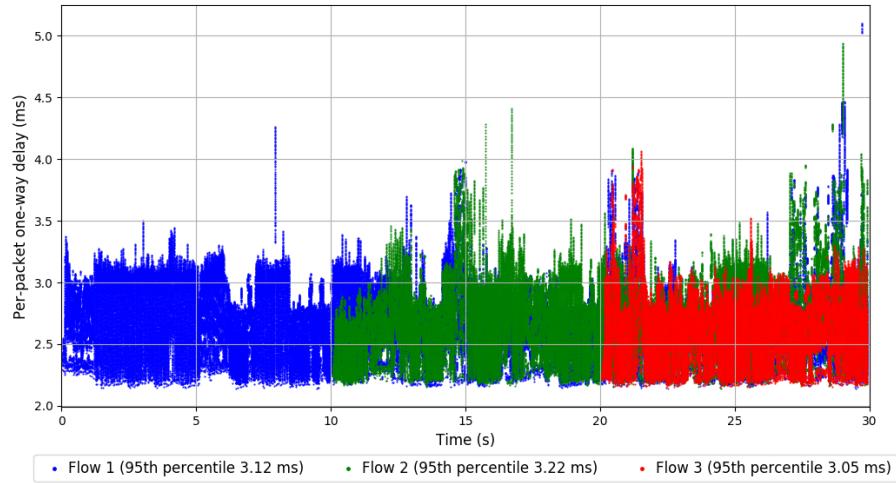
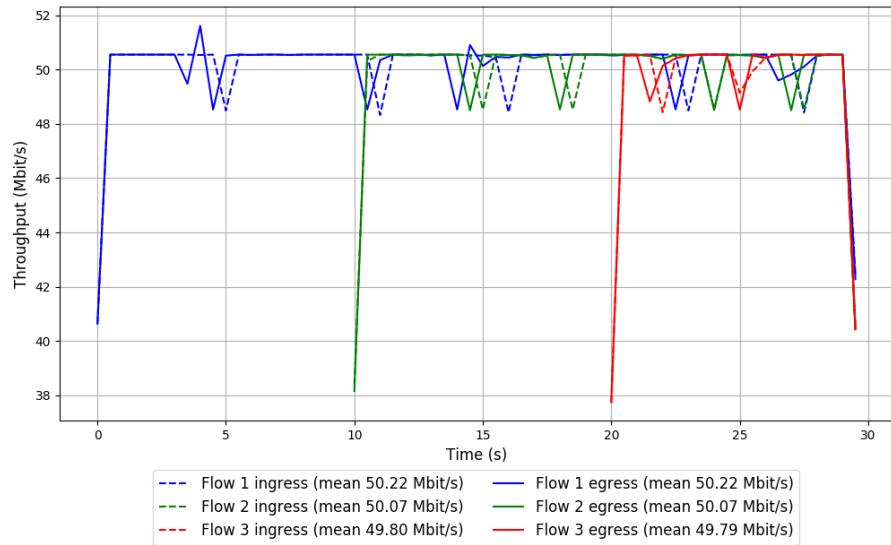


Run 9: Statistics of Sprout

```
Start at: 2017-11-30 23:34:19
End at: 2017-11-30 23:34:49
Local clock offset: -0.127 ms
Remote clock offset: -0.323 ms

# Below is generated by plot.py at 2017-12-01 03:10:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 99.94 Mbit/s
95th percentile per-packet one-way delay: 3.147 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.22 Mbit/s
95th percentile per-packet one-way delay: 3.122 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 50.07 Mbit/s
95th percentile per-packet one-way delay: 3.221 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 49.79 Mbit/s
95th percentile per-packet one-way delay: 3.050 ms
Loss rate: 0.00%
```

## Run 9: Report of Sprout — Data Link

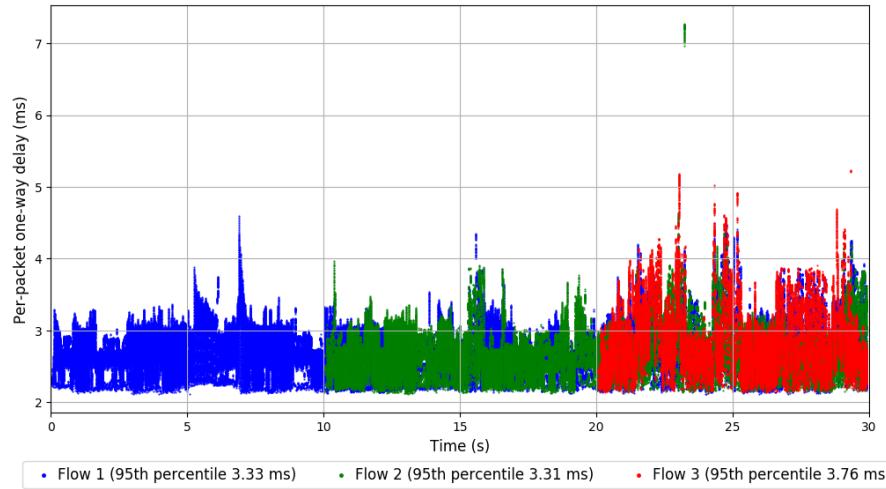
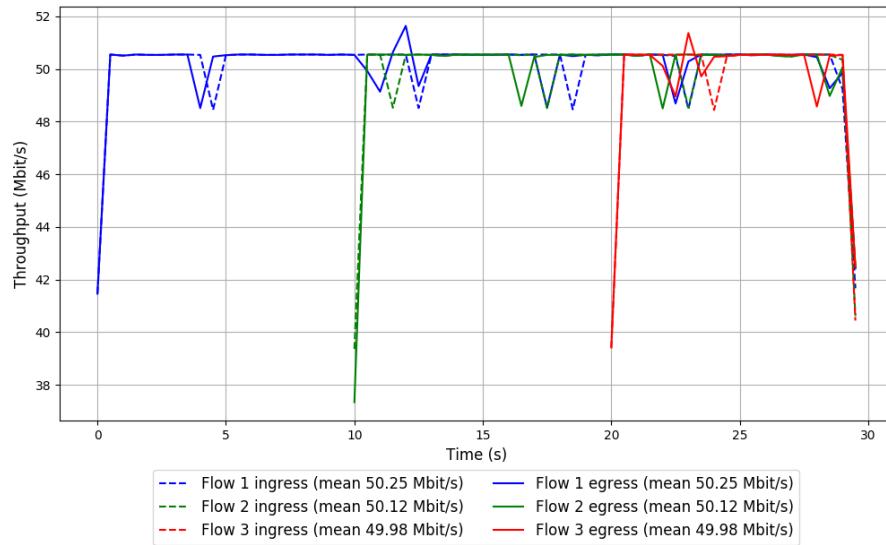


Run 10: Statistics of Sprout

```
Start at: 2017-11-30 23:53:41
End at: 2017-11-30 23:54:11
Local clock offset: -0.131 ms
Remote clock offset: -0.257 ms

# Below is generated by plot.py at 2017-12-01 03:10:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 100.10 Mbit/s
95th percentile per-packet one-way delay: 3.437 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.25 Mbit/s
95th percentile per-packet one-way delay: 3.329 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 50.12 Mbit/s
95th percentile per-packet one-way delay: 3.310 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 49.98 Mbit/s
95th percentile per-packet one-way delay: 3.762 ms
Loss rate: 0.00%
```

## Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

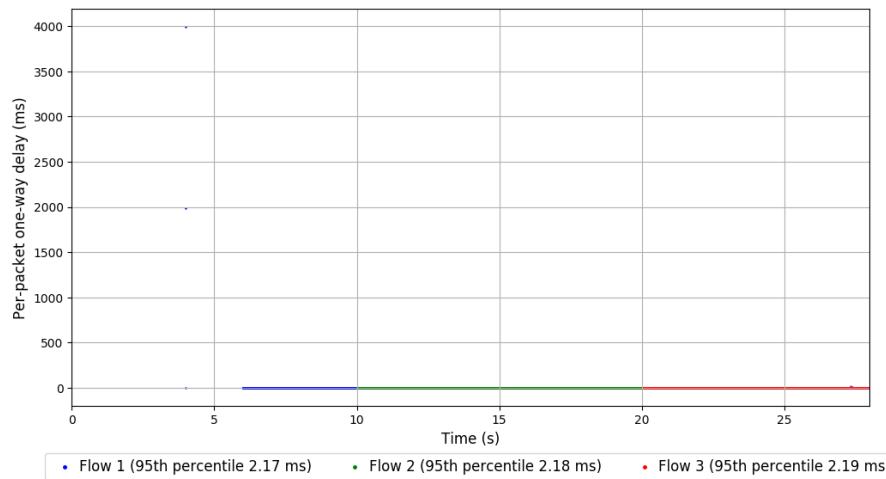
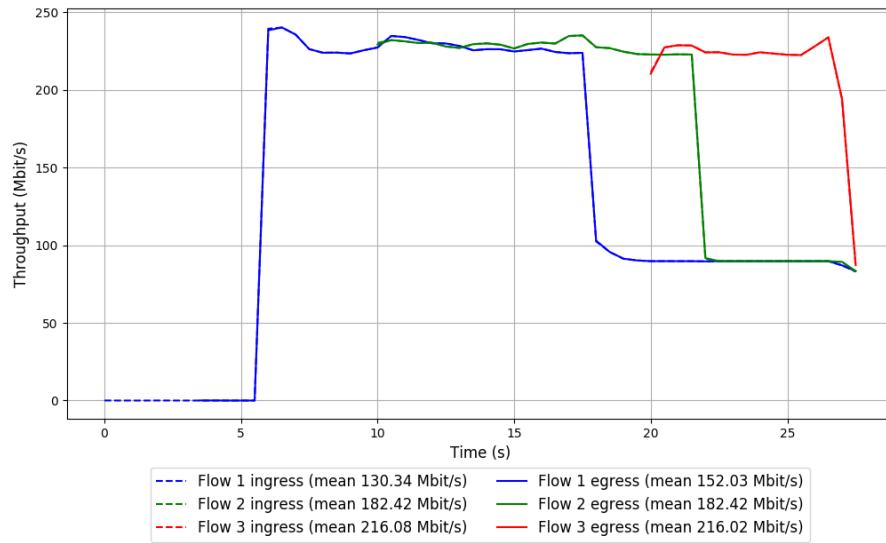
Start at: 2017-11-30 21:13:50

End at: 2017-11-30 21:14:20

Local clock offset: 0.353 ms

Remote clock offset: 0.006 ms

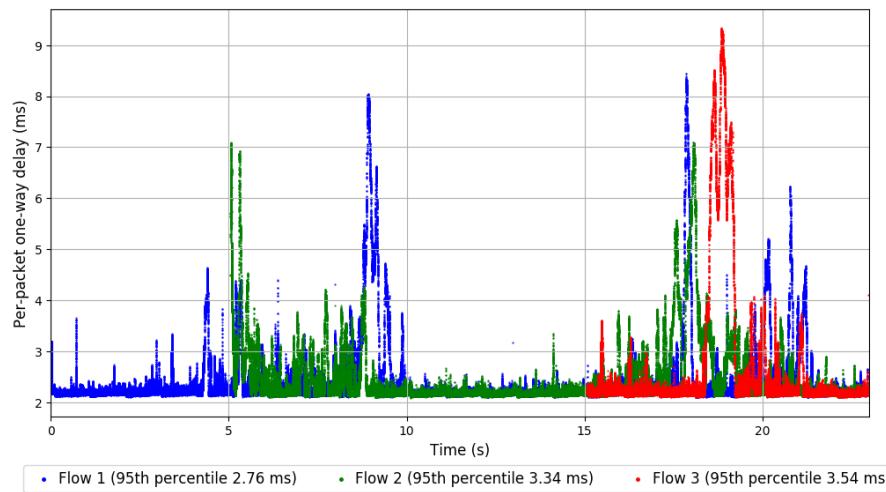
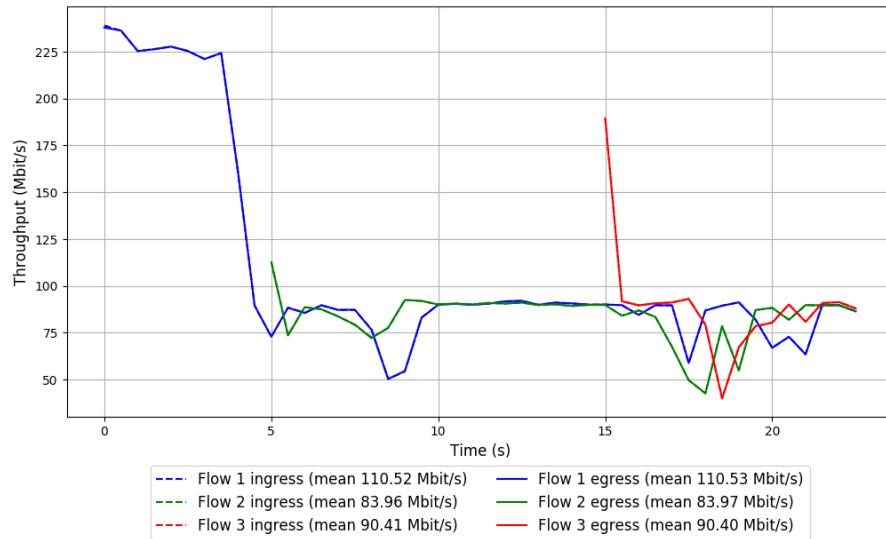
Run 1: Report of TaoVA-100x — Data Link



Run 2: Statistics of TaoVA-100x

Start at: 2017-11-30 21:33:21  
End at: 2017-11-30 21:33:51  
Local clock offset: 0.231 ms  
Remote clock offset: -0.019 ms

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

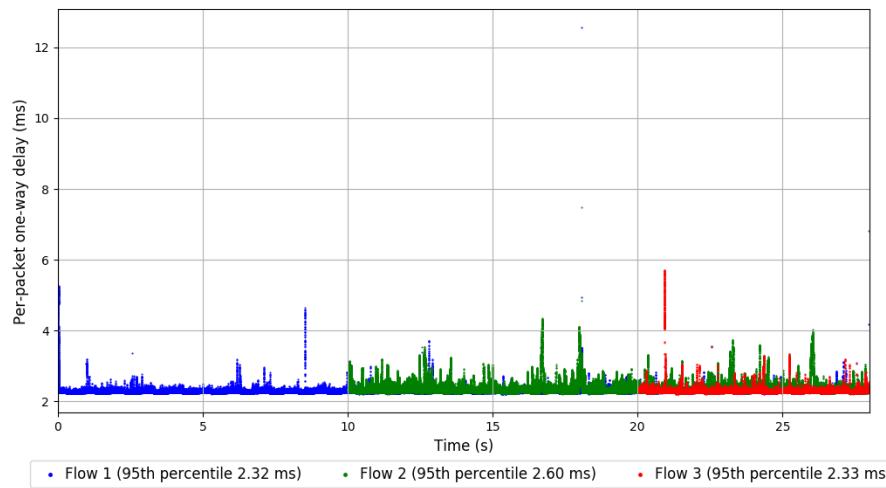
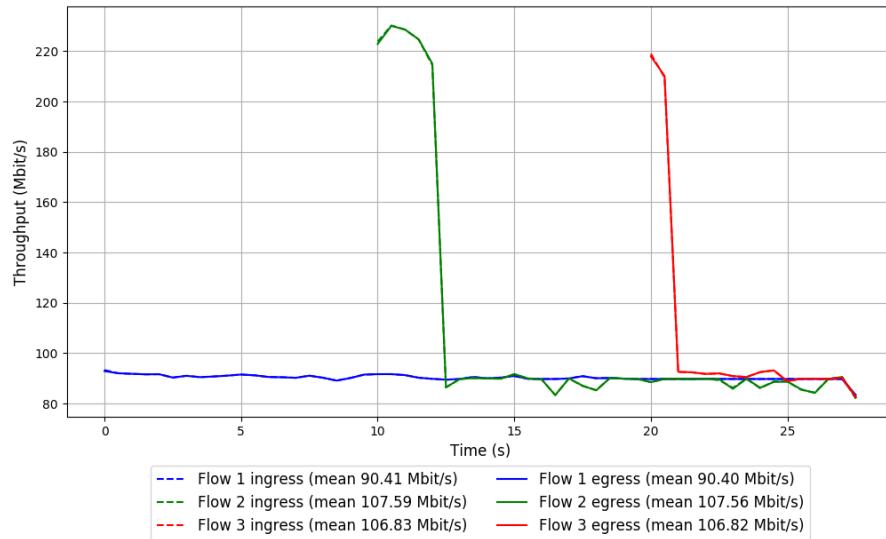


Run 3: Statistics of TaoVA-100x

```
Start at: 2017-11-30 21:52:32
End at: 2017-11-30 21:53:02
Local clock offset: 0.087 ms
Remote clock offset: -0.125 ms

# Below is generated by plot.py at 2017-12-01 03:16:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 189.80 Mbit/s
95th percentile per-packet one-way delay: 2.423 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.40 Mbit/s
95th percentile per-packet one-way delay: 2.322 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 107.56 Mbit/s
95th percentile per-packet one-way delay: 2.599 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 106.82 Mbit/s
95th percentile per-packet one-way delay: 2.335 ms
Loss rate: 0.00%
```

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

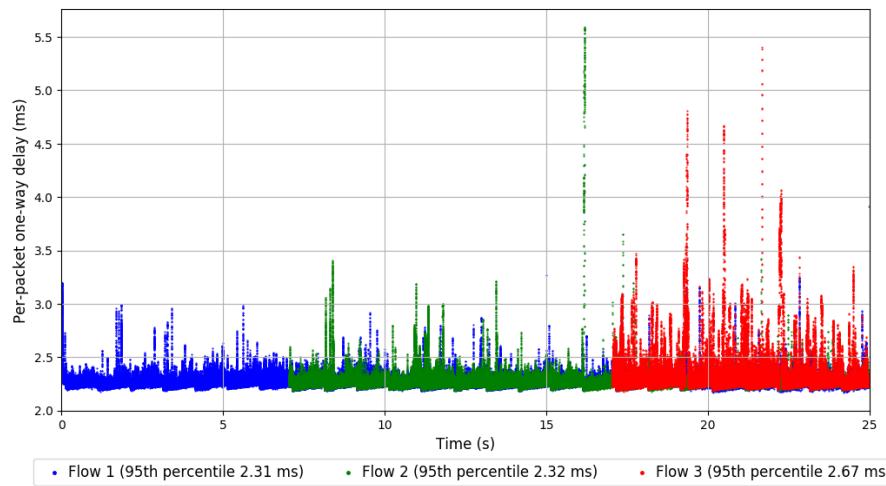
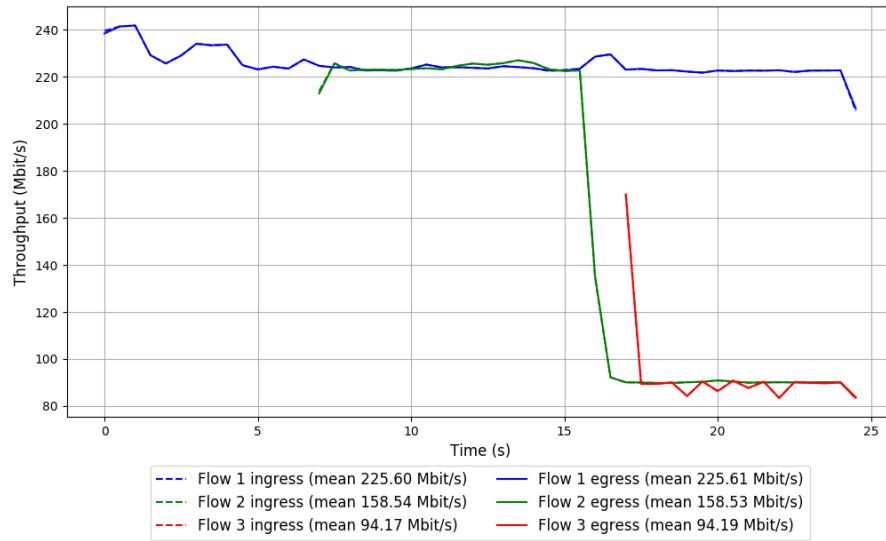


Run 4: Statistics of TaoVA-100x

```
Start at: 2017-11-30 22:11:58
End at: 2017-11-30 22:12:28
Local clock offset: 0.055 ms
Remote clock offset: -0.195 ms

# Below is generated by plot.py at 2017-12-01 03:17:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 369.42 Mbit/s
95th percentile per-packet one-way delay: 2.331 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 225.61 Mbit/s
95th percentile per-packet one-way delay: 2.313 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 158.53 Mbit/s
95th percentile per-packet one-way delay: 2.318 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 94.19 Mbit/s
95th percentile per-packet one-way delay: 2.667 ms
Loss rate: 0.00%
```

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

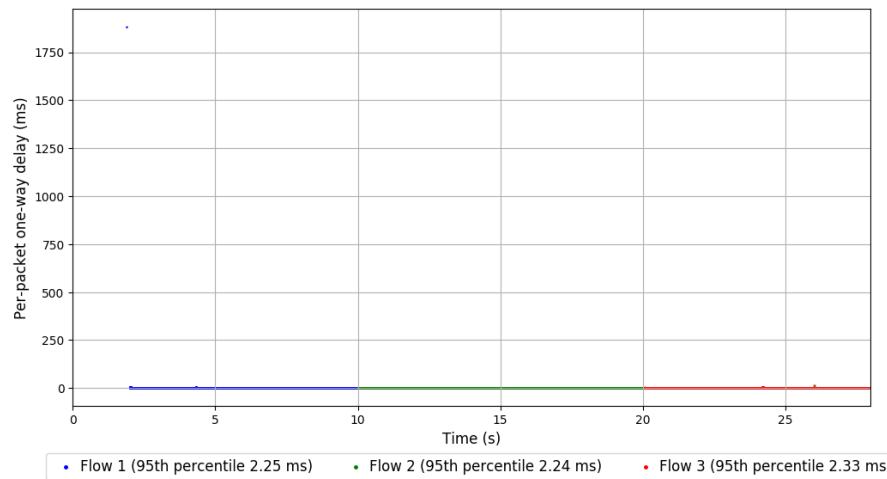
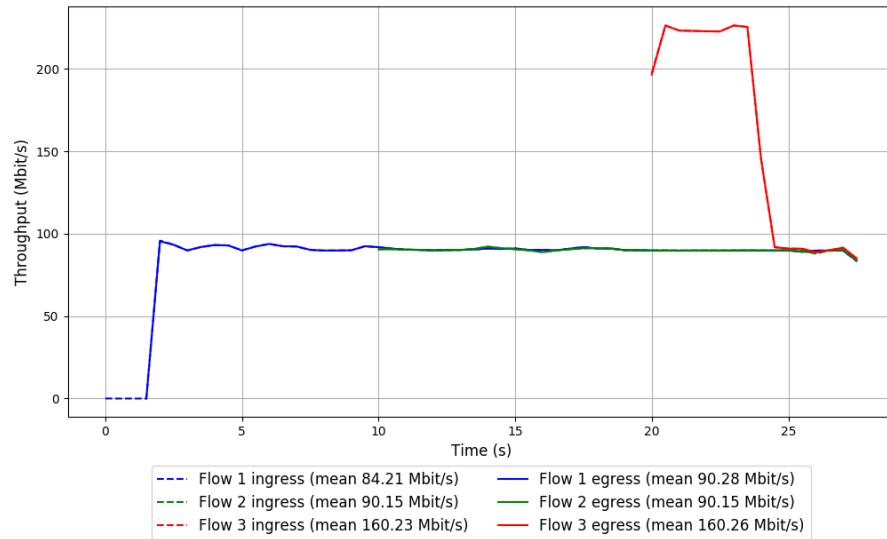


Run 5: Statistics of TaoVA-100x

```
Start at: 2017-11-30 22:31:38
End at: 2017-11-30 22:32:08
Local clock offset: -0.057 ms
Remote clock offset: -0.332 ms

# Below is generated by plot.py at 2017-12-01 03:17:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 201.02 Mbit/s
95th percentile per-packet one-way delay: 2.261 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.28 Mbit/s
95th percentile per-packet one-way delay: 2.251 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 90.15 Mbit/s
95th percentile per-packet one-way delay: 2.244 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 160.26 Mbit/s
95th percentile per-packet one-way delay: 2.335 ms
Loss rate: 0.00%
```

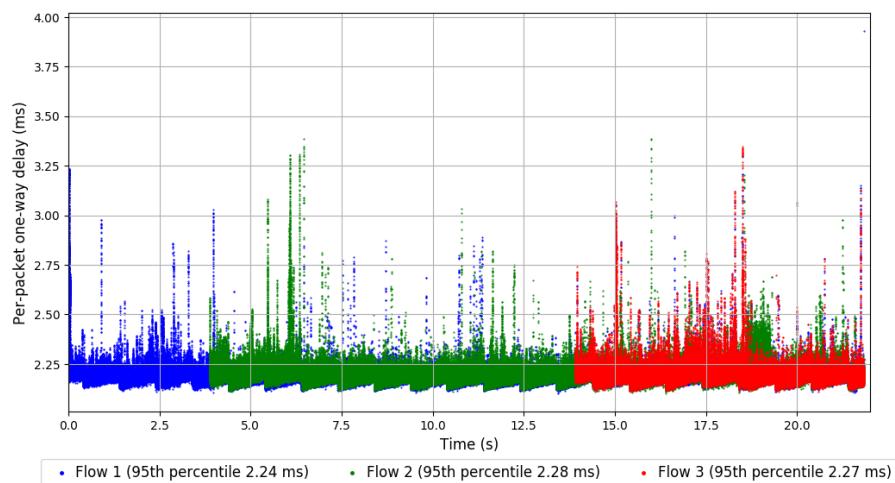
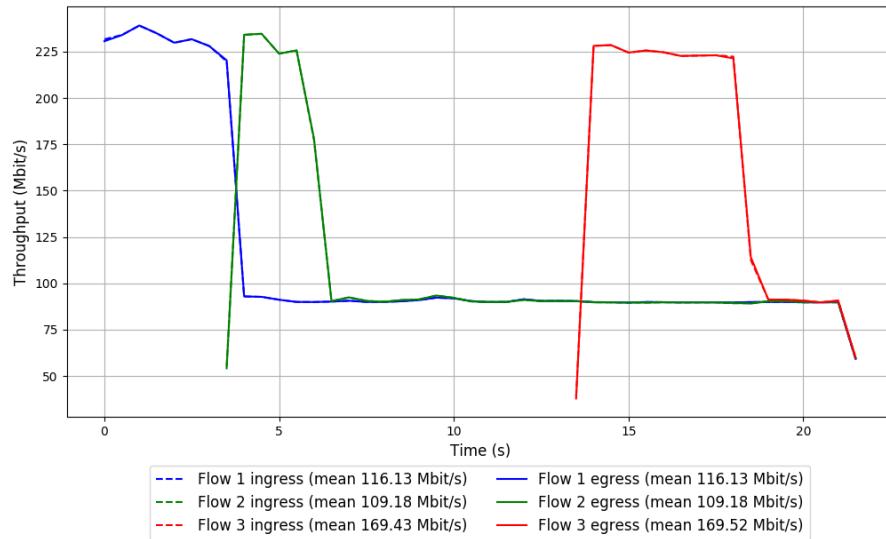
## Run 5: Report of TaoVA-100x — Data Link



Run 6: Statistics of TaoVA-100x

Start at: 2017-11-30 22:51:00  
End at: 2017-11-30 22:51:30  
Local clock offset: -0.062 ms  
Remote clock offset: -0.366 ms

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

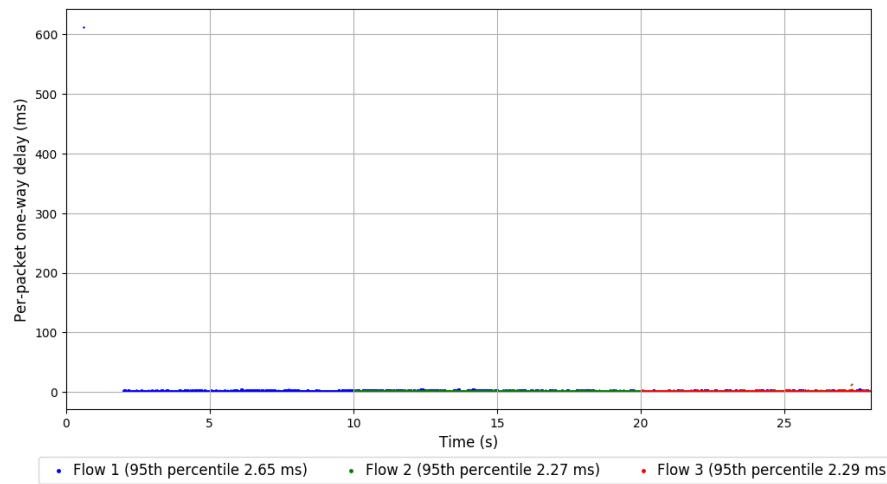
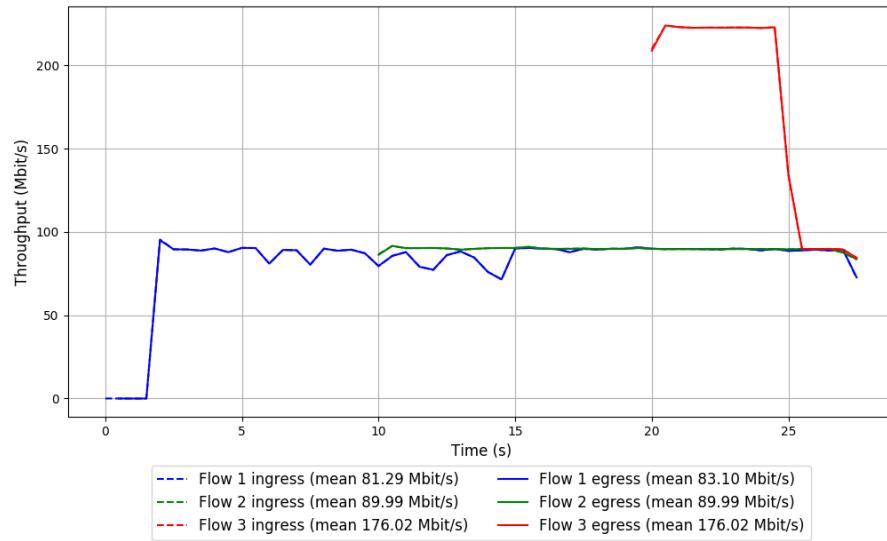


Run 7: Statistics of TaoVA-100x

```
Start at: 2017-11-30 23:10:13
End at: 2017-11-30 23:10:43
Local clock offset: -0.114 ms
Remote clock offset: -0.363 ms

# Below is generated by plot.py at 2017-12-01 03:17:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 193.15 Mbit/s
95th percentile per-packet one-way delay: 2.443 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 83.10 Mbit/s
95th percentile per-packet one-way delay: 2.650 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 89.99 Mbit/s
95th percentile per-packet one-way delay: 2.274 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 176.02 Mbit/s
95th percentile per-packet one-way delay: 2.293 ms
Loss rate: 0.00%
```

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

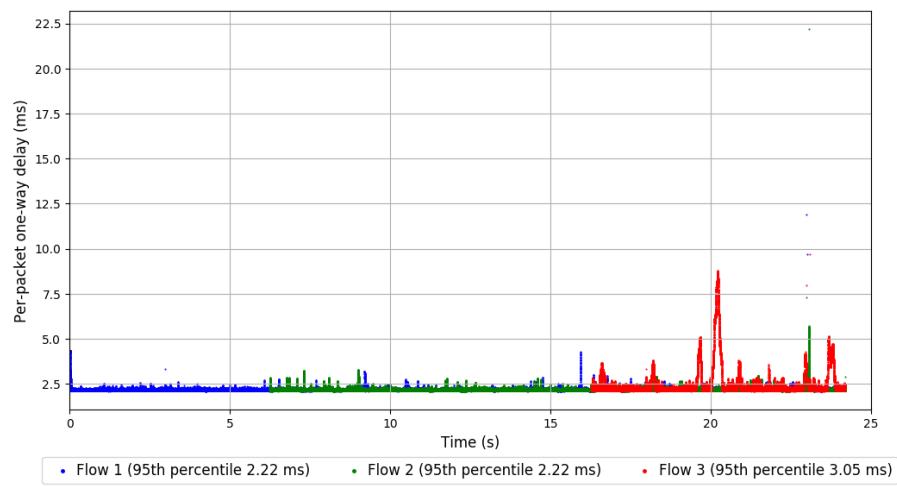
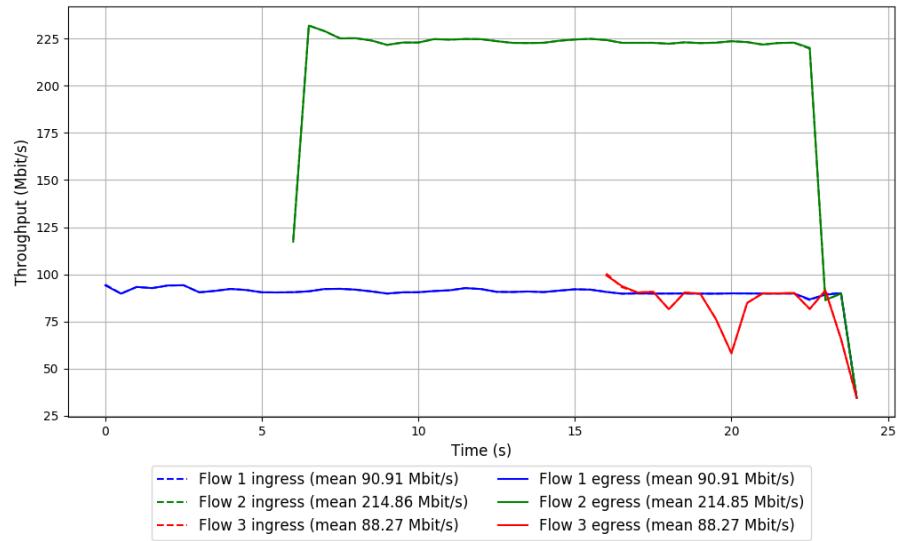


Run 8: Statistics of TaoVA-100x

```
Start at: 2017-11-30 23:29:44
End at: 2017-11-30 23:30:14
Local clock offset: -0.101 ms
Remote clock offset: -0.348 ms

# Below is generated by plot.py at 2017-12-01 03:17:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 279.24 Mbit/s
95th percentile per-packet one-way delay: 2.255 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.91 Mbit/s
95th percentile per-packet one-way delay: 2.224 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 214.85 Mbit/s
95th percentile per-packet one-way delay: 2.217 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 88.27 Mbit/s
95th percentile per-packet one-way delay: 3.047 ms
Loss rate: 0.00%
```

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

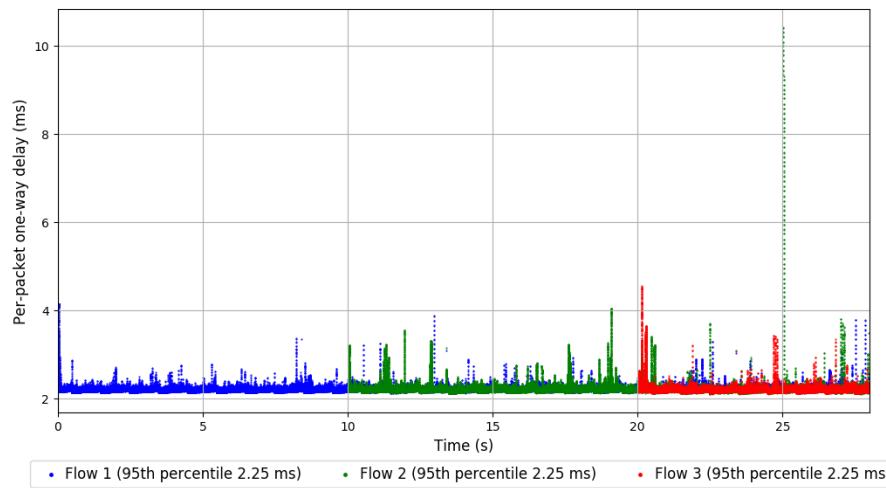
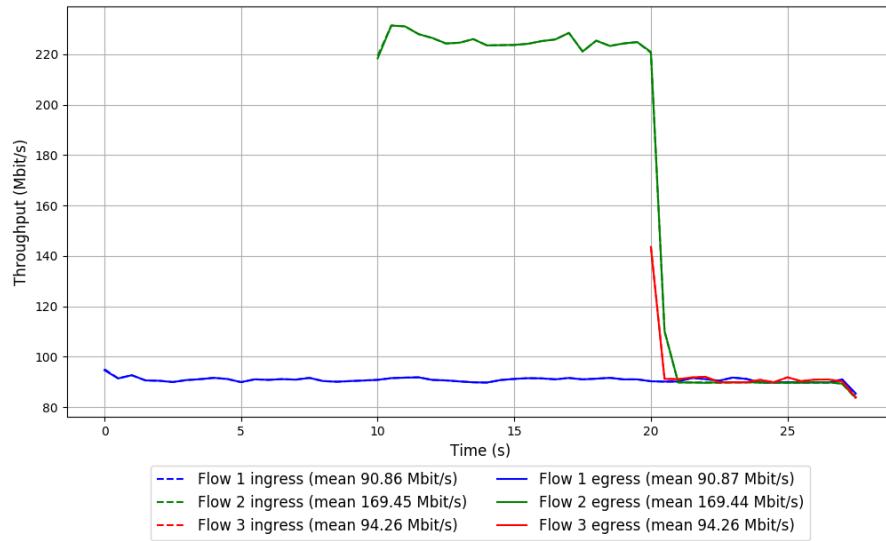


Run 9: Statistics of TaoVA-100x

```
Start at: 2017-11-30 23:49:15
End at: 2017-11-30 23:49:45
Local clock offset: -0.144 ms
Remote clock offset: -0.277 ms

# Below is generated by plot.py at 2017-12-01 03:19:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 226.43 Mbit/s
95th percentile per-packet one-way delay: 2.248 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.87 Mbit/s
95th percentile per-packet one-way delay: 2.247 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 169.44 Mbit/s
95th percentile per-packet one-way delay: 2.250 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 94.26 Mbit/s
95th percentile per-packet one-way delay: 2.247 ms
Loss rate: 0.00%
```

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

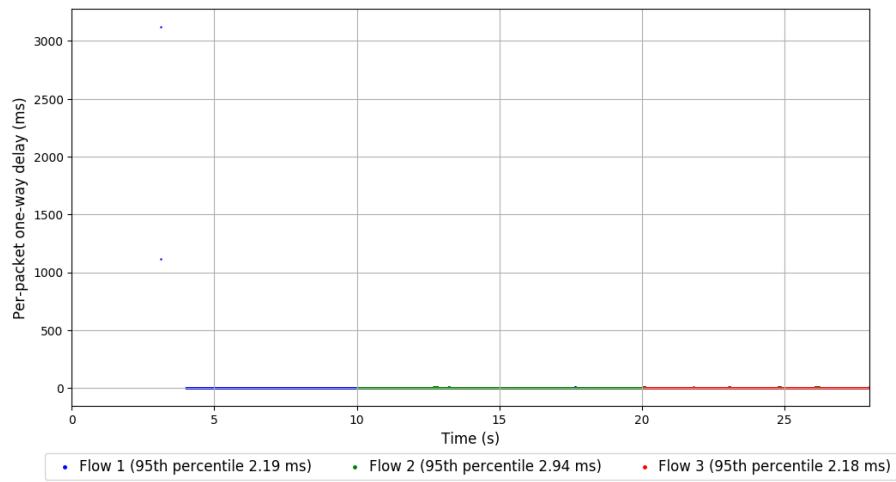
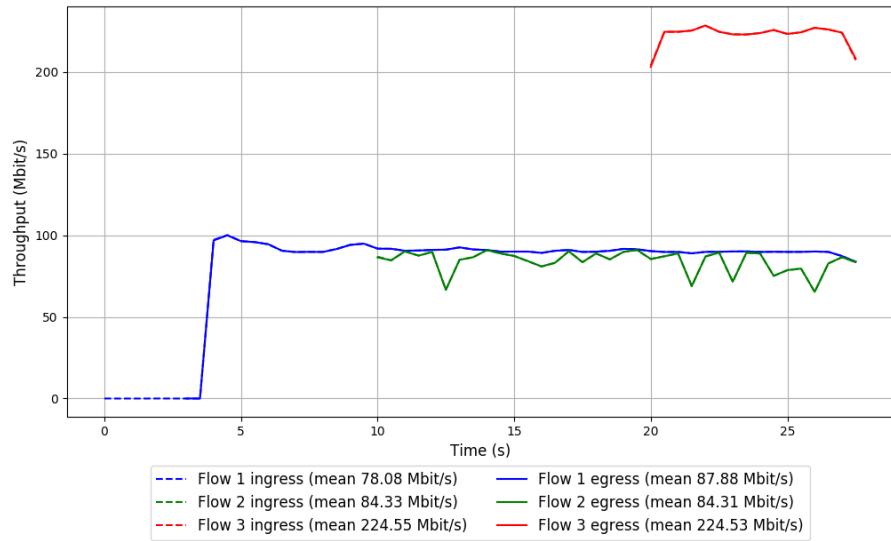


Run 10: Statistics of TaoVA-100x

```
Start at: 2017-12-01 00:08:37
End at: 2017-12-01 00:09:07
Local clock offset: -0.139 ms
Remote clock offset: -0.278 ms

# Below is generated by plot.py at 2017-12-01 03:19:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 220.36 Mbit/s
95th percentile per-packet one-way delay: 2.403 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.88 Mbit/s
95th percentile per-packet one-way delay: 2.187 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 84.31 Mbit/s
95th percentile per-packet one-way delay: 2.941 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 224.53 Mbit/s
95th percentile per-packet one-way delay: 2.182 ms
Loss rate: 0.00%
```

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

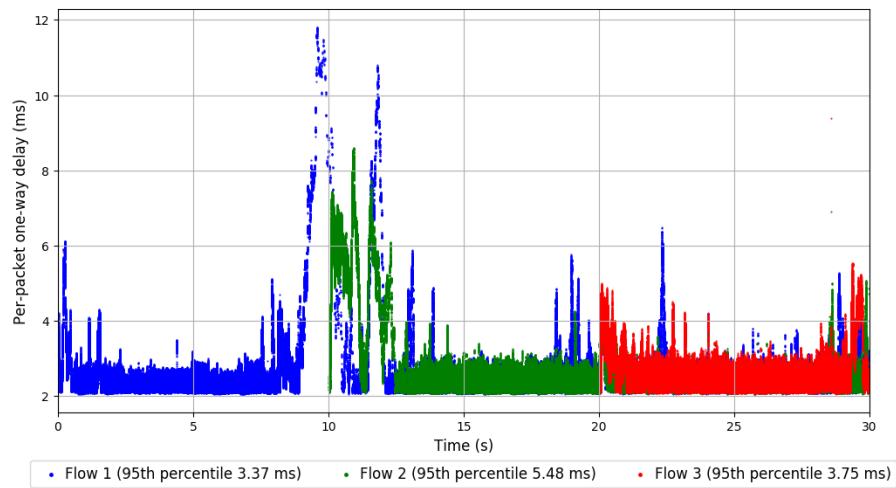
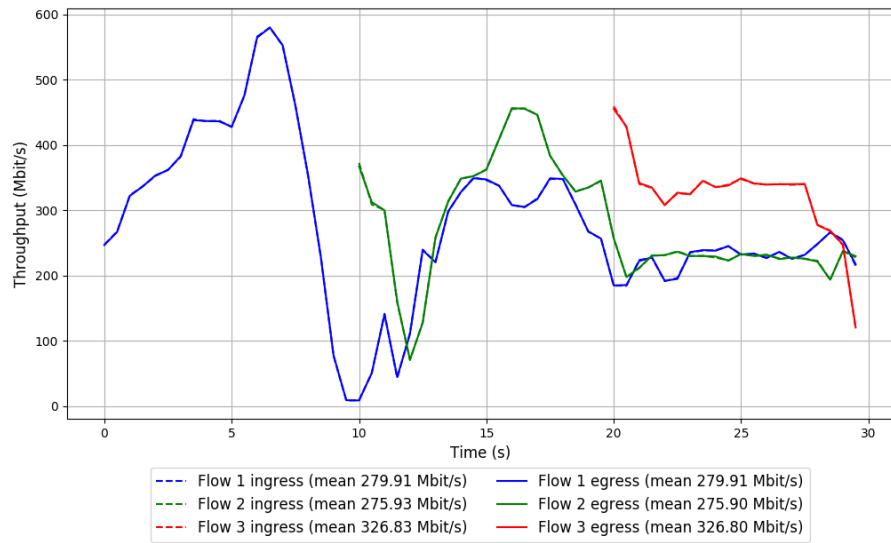


Run 1: Statistics of TCP Vegas

```
Start at: 2017-11-30 21:12:23
End at: 2017-11-30 21:12:53
Local clock offset: 0.378 ms
Remote clock offset: 0.025 ms

# Below is generated by plot.py at 2017-12-01 03:22:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 572.04 Mbit/s
95th percentile per-packet one-way delay: 3.839 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 279.91 Mbit/s
95th percentile per-packet one-way delay: 3.372 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 275.90 Mbit/s
95th percentile per-packet one-way delay: 5.483 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 326.80 Mbit/s
95th percentile per-packet one-way delay: 3.751 ms
Loss rate: 0.00%
```

Run 1: Report of TCP Vegas — Data Link

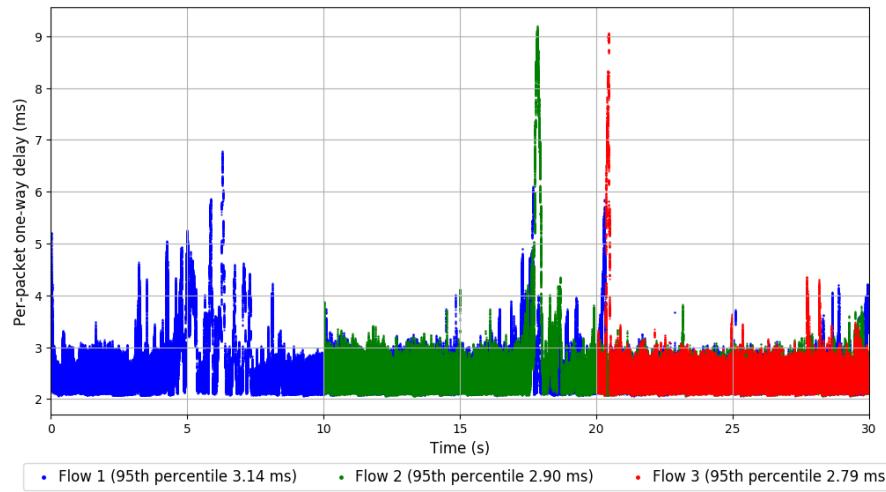
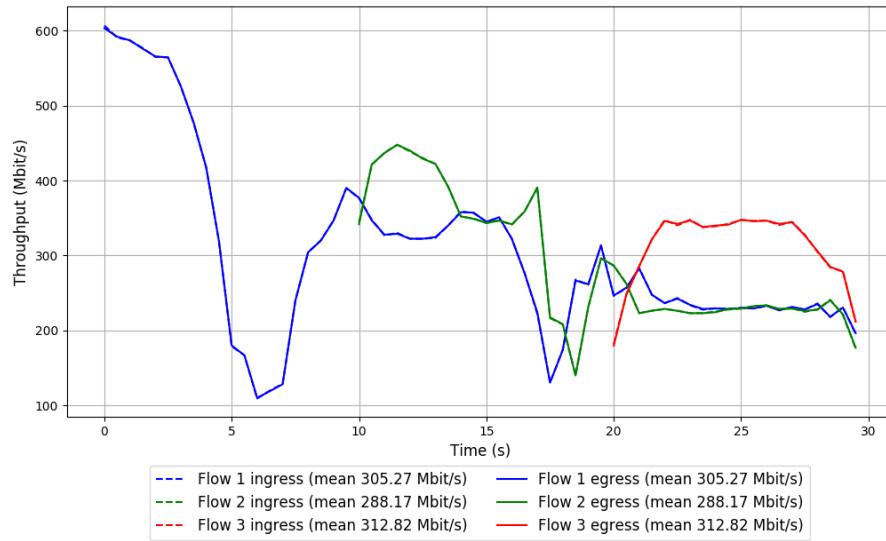


Run 2: Statistics of TCP Vegas

```
Start at: 2017-11-30 21:31:52
End at: 2017-11-30 21:32:22
Local clock offset: 0.246 ms
Remote clock offset: -0.056 ms

# Below is generated by plot.py at 2017-12-01 03:23:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 601.05 Mbit/s
95th percentile per-packet one-way delay: 2.967 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 305.27 Mbit/s
95th percentile per-packet one-way delay: 3.144 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 288.17 Mbit/s
95th percentile per-packet one-way delay: 2.898 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 312.82 Mbit/s
95th percentile per-packet one-way delay: 2.788 ms
Loss rate: 0.00%
```

Run 2: Report of TCP Vegas — Data Link

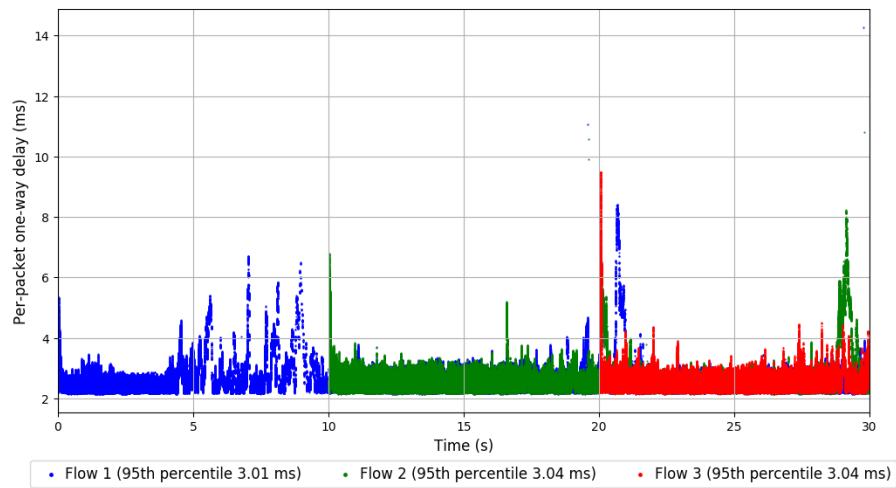
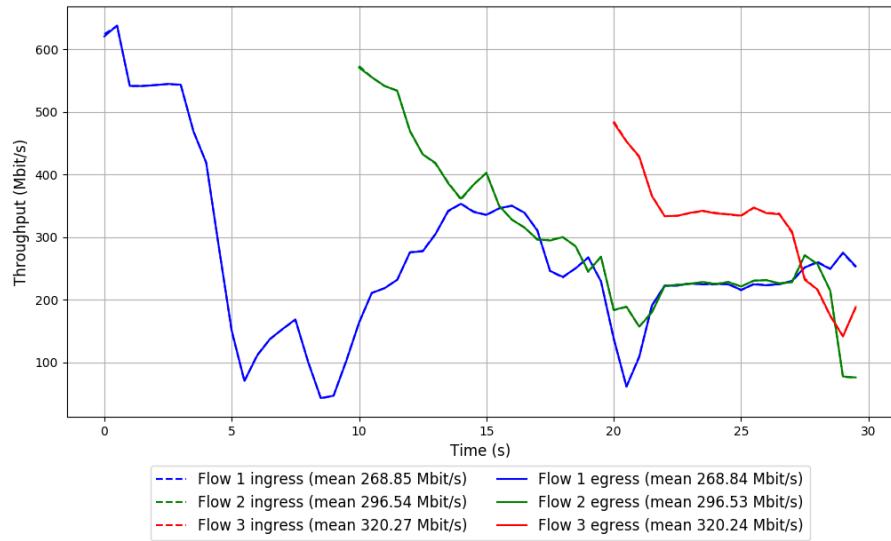


Run 3: Statistics of TCP Vegas

```
Start at: 2017-11-30 21:51:04
End at: 2017-11-30 21:51:34
Local clock offset: 0.149 ms
Remote clock offset: -0.118 ms

# Below is generated by plot.py at 2017-12-01 03:23:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 572.70 Mbit/s
95th percentile per-packet one-way delay: 3.024 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 268.84 Mbit/s
95th percentile per-packet one-way delay: 3.007 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 296.53 Mbit/s
95th percentile per-packet one-way delay: 3.036 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 320.24 Mbit/s
95th percentile per-packet one-way delay: 3.040 ms
Loss rate: 0.00%
```

Run 3: Report of TCP Vegas — Data Link

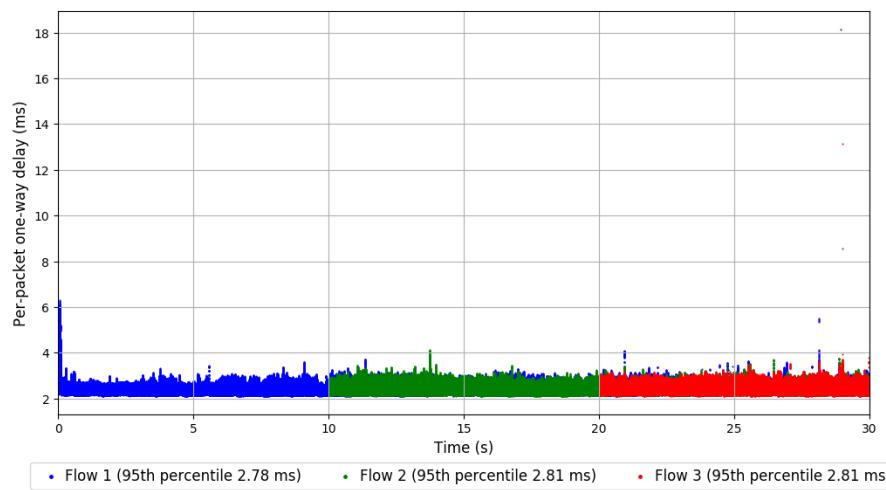
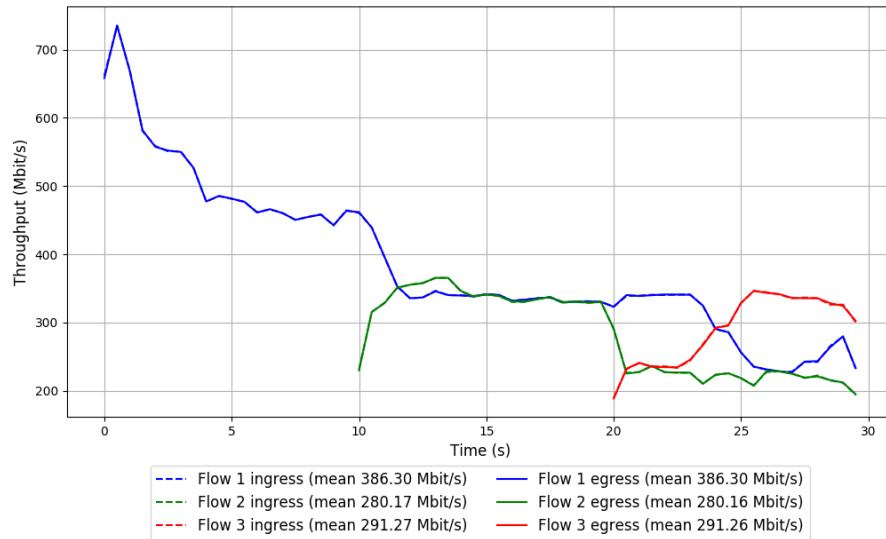


Run 4: Statistics of TCP Vegas

```
Start at: 2017-11-30 22:10:26
End at: 2017-11-30 22:10:56
Local clock offset: 0.054 ms
Remote clock offset: -0.269 ms

# Below is generated by plot.py at 2017-12-01 03:25:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 669.46 Mbit/s
95th percentile per-packet one-way delay: 2.795 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 386.30 Mbit/s
95th percentile per-packet one-way delay: 2.781 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 280.16 Mbit/s
95th percentile per-packet one-way delay: 2.808 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 291.26 Mbit/s
95th percentile per-packet one-way delay: 2.814 ms
Loss rate: 0.00%
```

## Run 4: Report of TCP Vegas — Data Link

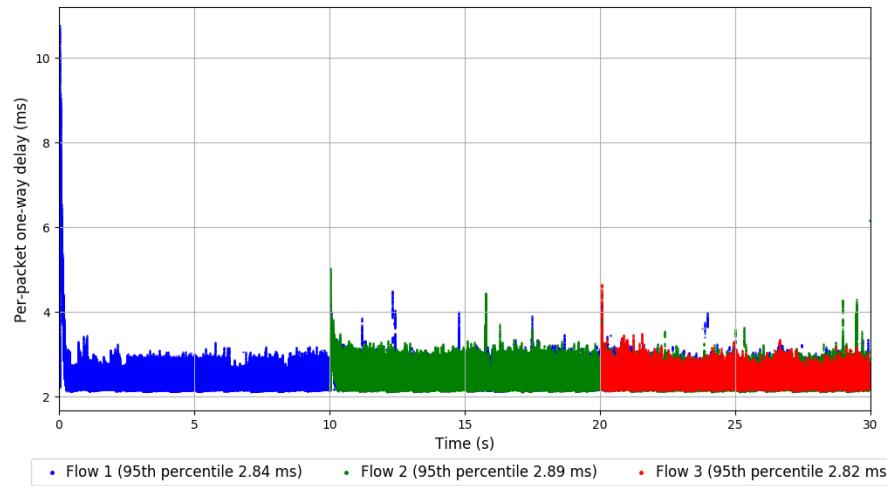
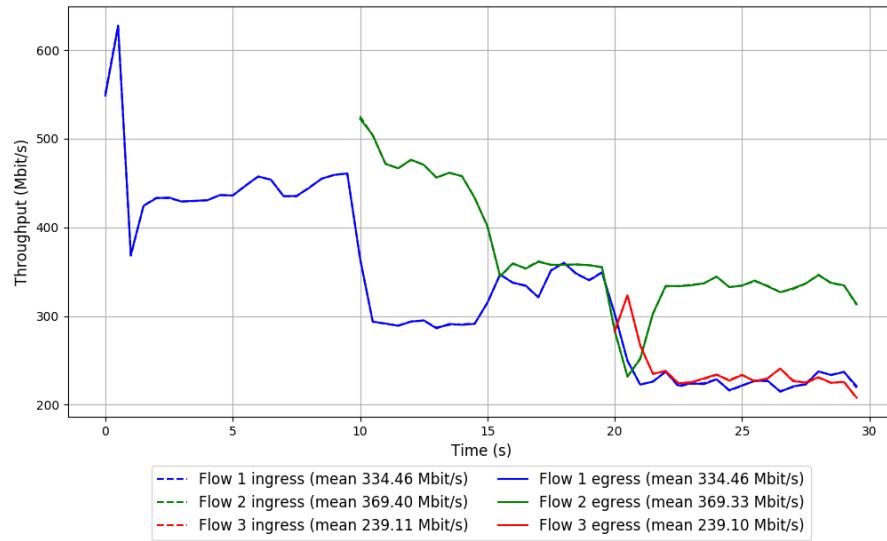


Run 5: Statistics of TCP Vegas

```
Start at: 2017-11-30 22:30:07
End at: 2017-11-30 22:30:37
Local clock offset: 0.036 ms
Remote clock offset: -0.26 ms

# Below is generated by plot.py at 2017-12-01 03:26:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 659.71 Mbit/s
95th percentile per-packet one-way delay: 2.860 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 334.46 Mbit/s
95th percentile per-packet one-way delay: 2.842 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 369.33 Mbit/s
95th percentile per-packet one-way delay: 2.893 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 239.10 Mbit/s
95th percentile per-packet one-way delay: 2.818 ms
Loss rate: 0.00%
```

### Run 5: Report of TCP Vegas — Data Link

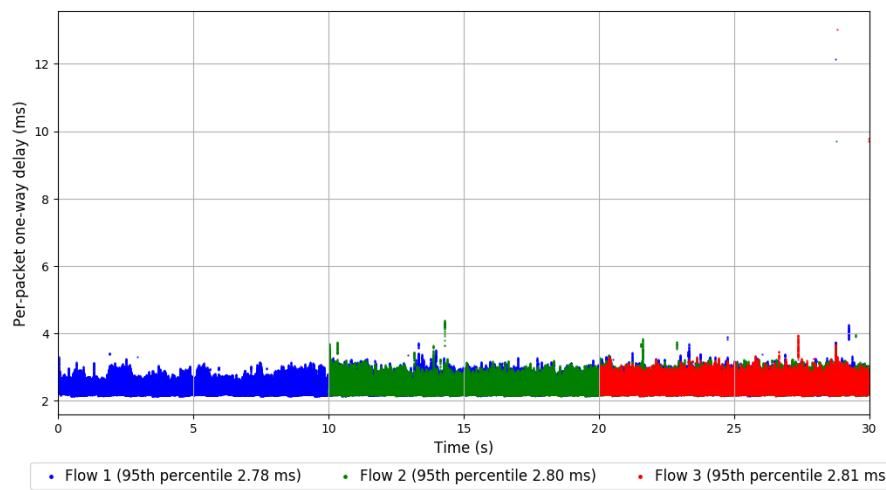
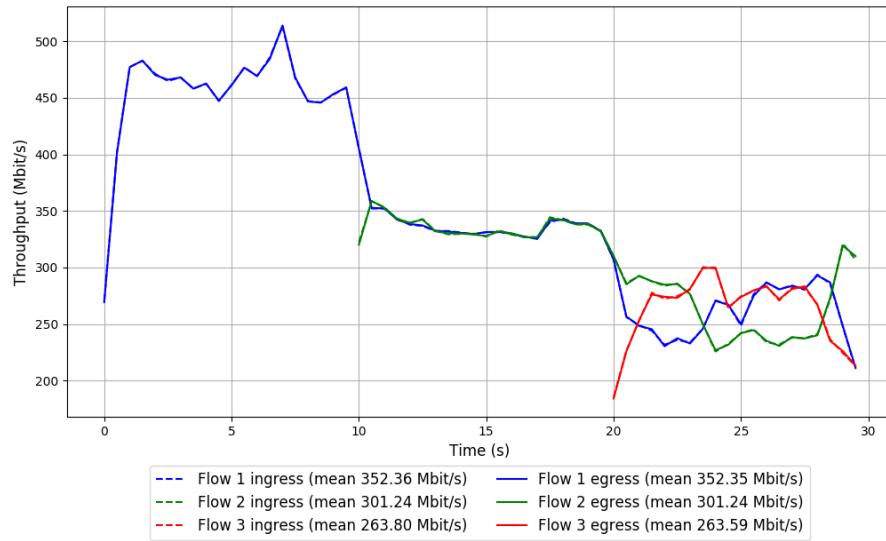


Run 6: Statistics of TCP Vegas

```
Start at: 2017-11-30 22:49:30
End at: 2017-11-30 22:50:00
Local clock offset: -0.065 ms
Remote clock offset: -0.353 ms

# Below is generated by plot.py at 2017-12-01 03:27:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 640.32 Mbit/s
95th percentile per-packet one-way delay: 2.791 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 352.35 Mbit/s
95th percentile per-packet one-way delay: 2.781 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 301.24 Mbit/s
95th percentile per-packet one-way delay: 2.802 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 263.59 Mbit/s
95th percentile per-packet one-way delay: 2.806 ms
Loss rate: 0.01%
```

Run 6: Report of TCP Vegas — Data Link

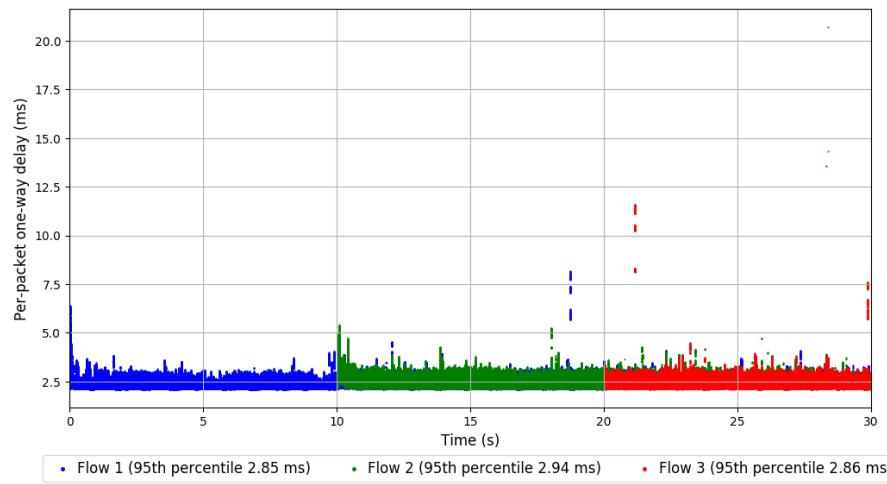
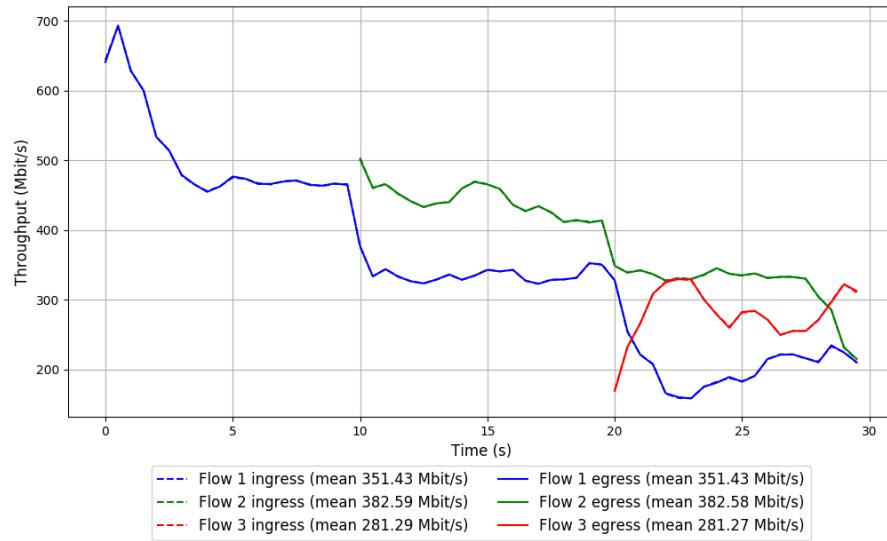


Run 7: Statistics of TCP Vegas

```
Start at: 2017-11-30 23:08:41
End at: 2017-11-30 23:09:11
Local clock offset: -0.077 ms
Remote clock offset: -0.363 ms

# Below is generated by plot.py at 2017-12-01 03:29:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 699.66 Mbit/s
95th percentile per-packet one-way delay: 2.892 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 351.43 Mbit/s
95th percentile per-packet one-way delay: 2.855 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 382.58 Mbit/s
95th percentile per-packet one-way delay: 2.939 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 281.27 Mbit/s
95th percentile per-packet one-way delay: 2.862 ms
Loss rate: 0.00%
```

### Run 7: Report of TCP Vegas — Data Link

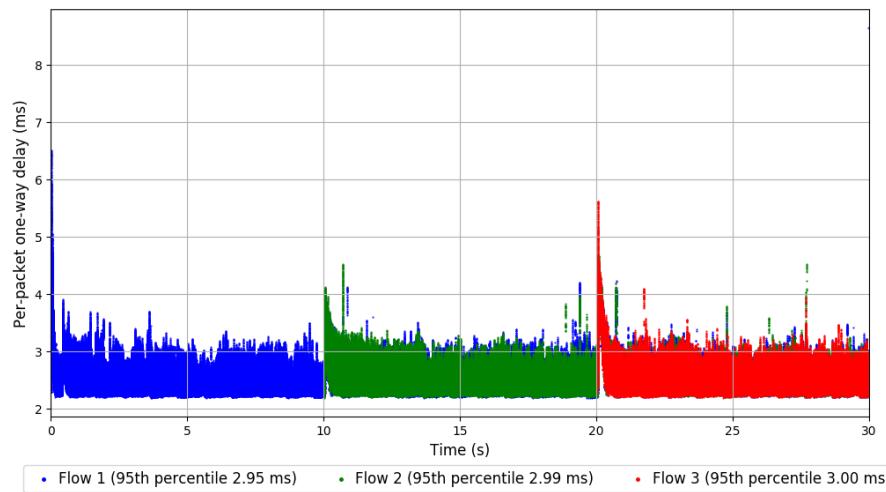
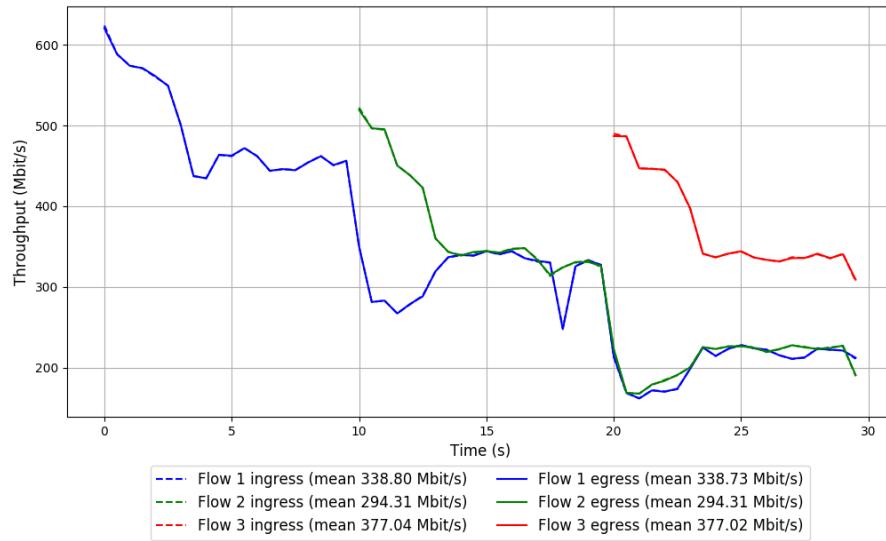


Run 8: Statistics of TCP Vegas

```
Start at: 2017-11-30 23:28:14
End at: 2017-11-30 23:28:44
Local clock offset: -0.19 ms
Remote clock offset: -0.352 ms

# Below is generated by plot.py at 2017-12-01 03:29:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 659.80 Mbit/s
95th percentile per-packet one-way delay: 2.971 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 338.73 Mbit/s
95th percentile per-packet one-way delay: 2.954 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 294.31 Mbit/s
95th percentile per-packet one-way delay: 2.988 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 377.02 Mbit/s
95th percentile per-packet one-way delay: 2.998 ms
Loss rate: 0.00%
```

### Run 8: Report of TCP Vegas — Data Link

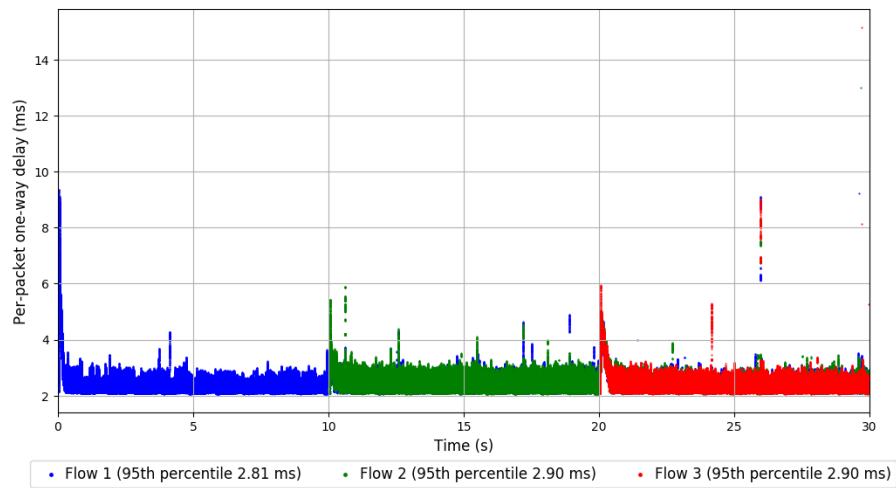
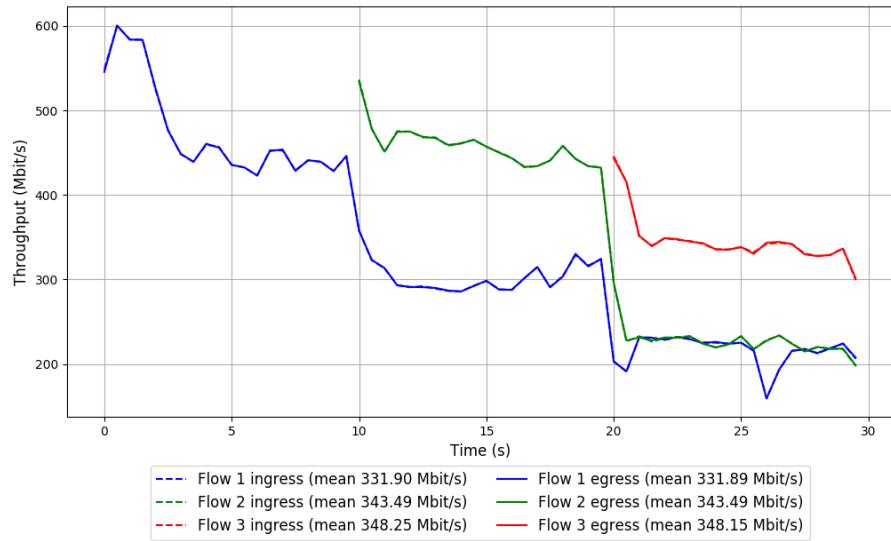


Run 9: Statistics of TCP Vegas

```
Start at: 2017-11-30 23:47:44
End at: 2017-11-30 23:48:14
Local clock offset: -0.124 ms
Remote clock offset: -0.328 ms

# Below is generated by plot.py at 2017-12-01 03:33:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 676.15 Mbit/s
95th percentile per-packet one-way delay: 2.858 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 331.89 Mbit/s
95th percentile per-packet one-way delay: 2.812 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 343.49 Mbit/s
95th percentile per-packet one-way delay: 2.905 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 348.15 Mbit/s
95th percentile per-packet one-way delay: 2.896 ms
Loss rate: 0.00%
```

Run 9: Report of TCP Vegas — Data Link

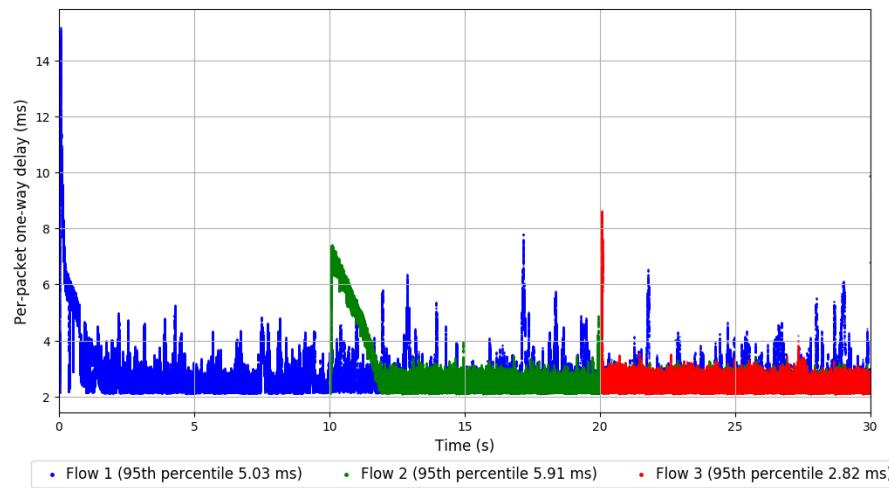
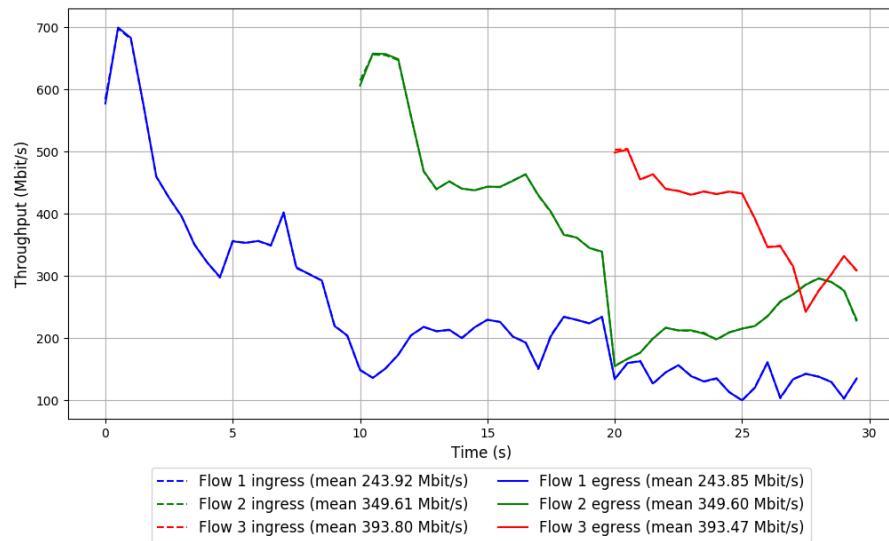


Run 10: Statistics of TCP Vegas

```
Start at: 2017-12-01 00:07:08
End at: 2017-12-01 00:07:38
Local clock offset: -0.148 ms
Remote clock offset: -0.243 ms

# Below is generated by plot.py at 2017-12-01 03:33:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 607.23 Mbit/s
95th percentile per-packet one-way delay: 5.174 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 243.85 Mbit/s
95th percentile per-packet one-way delay: 5.032 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 349.60 Mbit/s
95th percentile per-packet one-way delay: 5.913 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 393.47 Mbit/s
95th percentile per-packet one-way delay: 2.824 ms
Loss rate: 0.04%
```

### Run 10: Report of TCP Vegas — Data Link

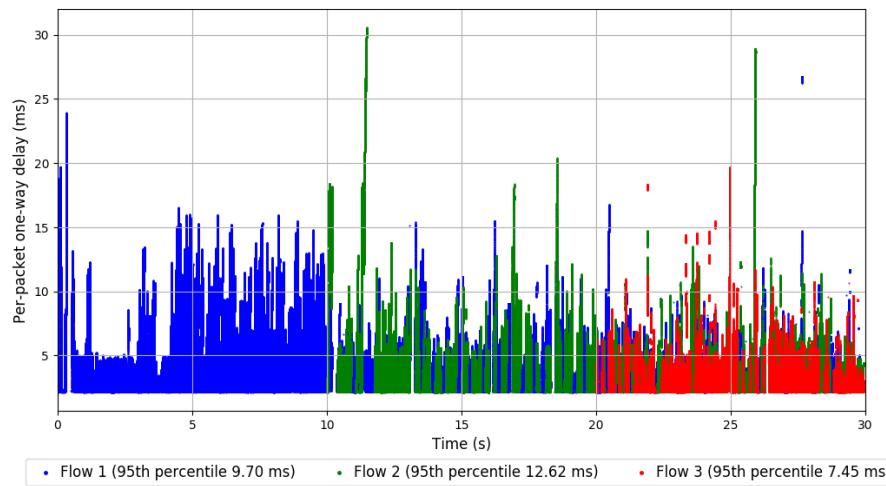
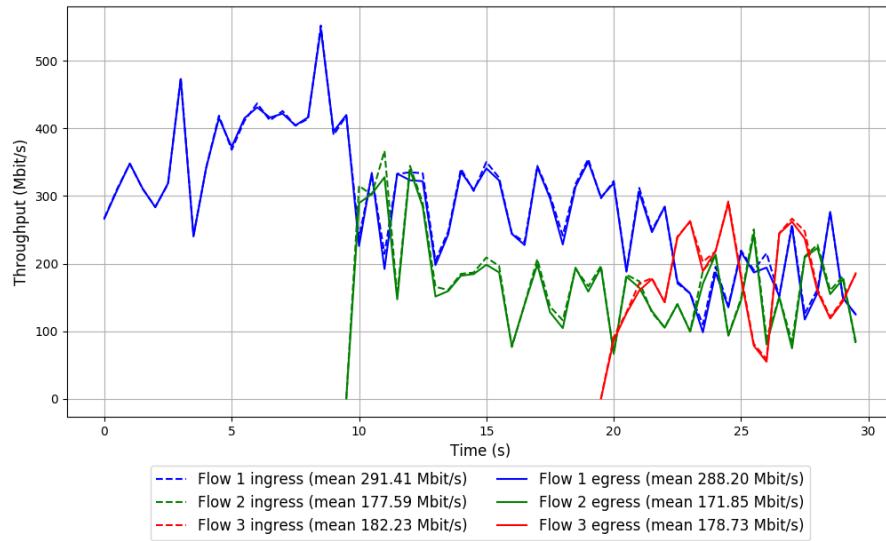


Run 1: Statistics of Verus

```
Start at: 2017-11-30 21:16:58
End at: 2017-11-30 21:17:28
Local clock offset: 0.347 ms
Remote clock offset: 0.068 ms

# Below is generated by plot.py at 2017-12-01 03:33:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 462.11 Mbit/s
95th percentile per-packet one-way delay: 10.003 ms
Loss rate: 1.74%
-- Flow 1:
Average throughput: 288.20 Mbit/s
95th percentile per-packet one-way delay: 9.701 ms
Loss rate: 1.10%
-- Flow 2:
Average throughput: 171.85 Mbit/s
95th percentile per-packet one-way delay: 12.616 ms
Loss rate: 3.23%
-- Flow 3:
Average throughput: 178.73 Mbit/s
95th percentile per-packet one-way delay: 7.454 ms
Loss rate: 1.91%
```

Run 1: Report of Verus — Data Link

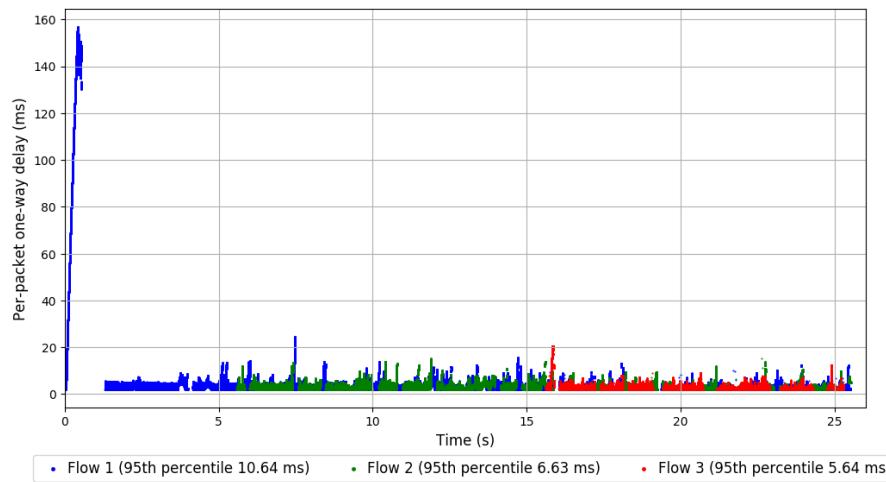
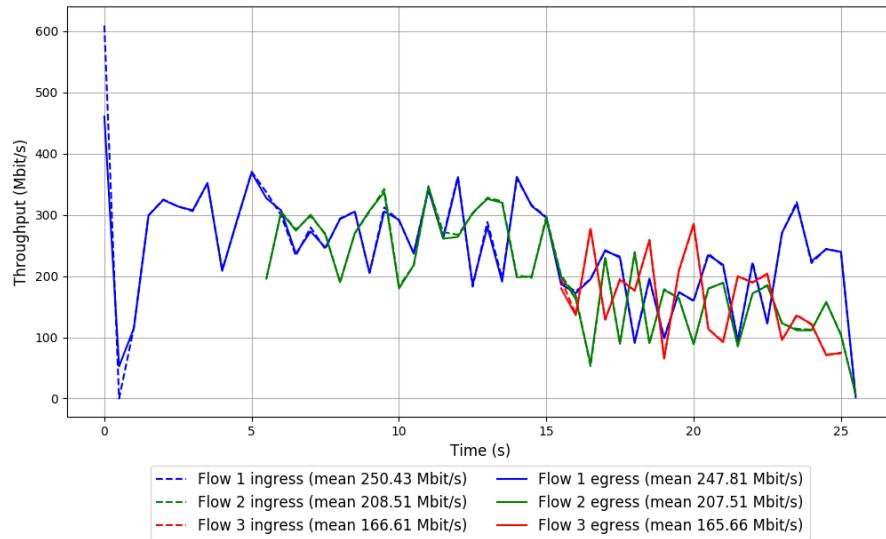


Run 2: Statistics of Verus

```
Start at: 2017-11-30 21:36:15
End at: 2017-11-30 21:36:45
Local clock offset: 0.194 ms
Remote clock offset: -0.097 ms

# Below is generated by plot.py at 2017-12-01 03:33:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 472.81 Mbit/s
95th percentile per-packet one-way delay: 7.801 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 247.81 Mbit/s
95th percentile per-packet one-way delay: 10.643 ms
Loss rate: 1.05%
-- Flow 2:
Average throughput: 207.51 Mbit/s
95th percentile per-packet one-way delay: 6.631 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 165.66 Mbit/s
95th percentile per-packet one-way delay: 5.636 ms
Loss rate: 0.57%
```

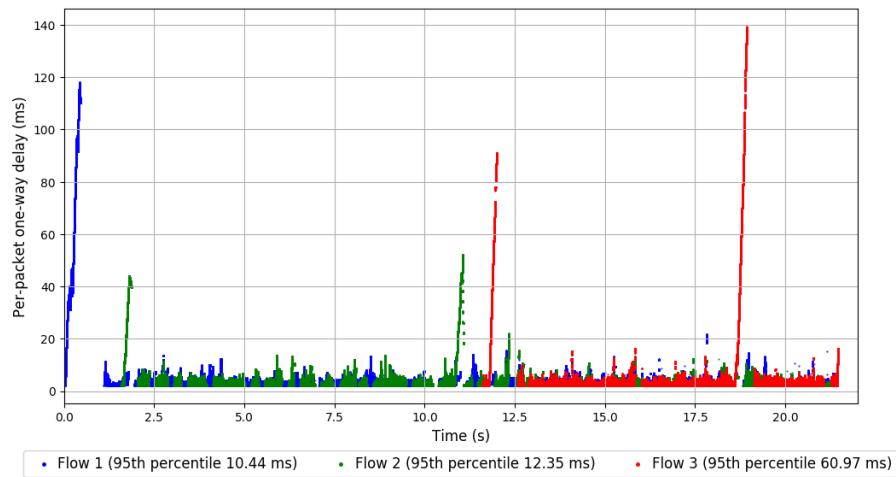
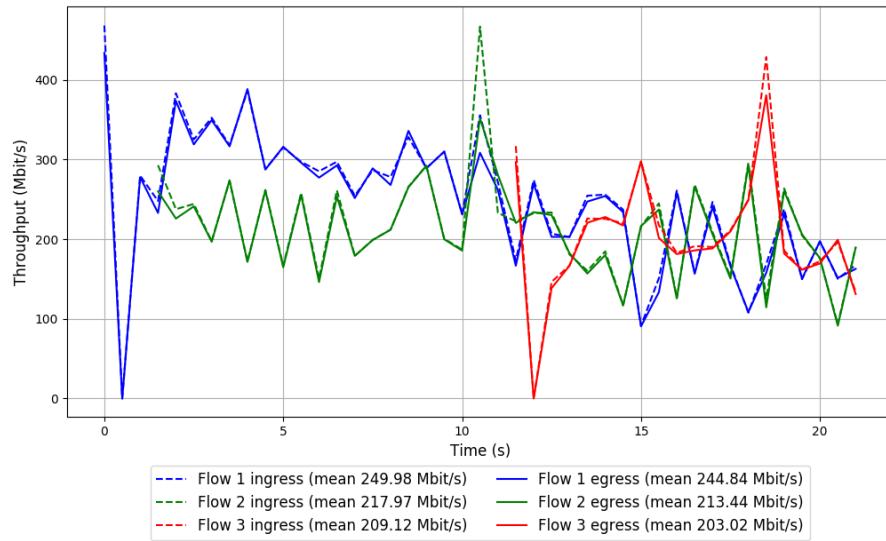
## Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2017-11-30 21:55:30  
End at: 2017-11-30 21:56:00  
Local clock offset: 0.139 ms  
Remote clock offset: -0.129 ms

Run 3: Report of Verus — Data Link

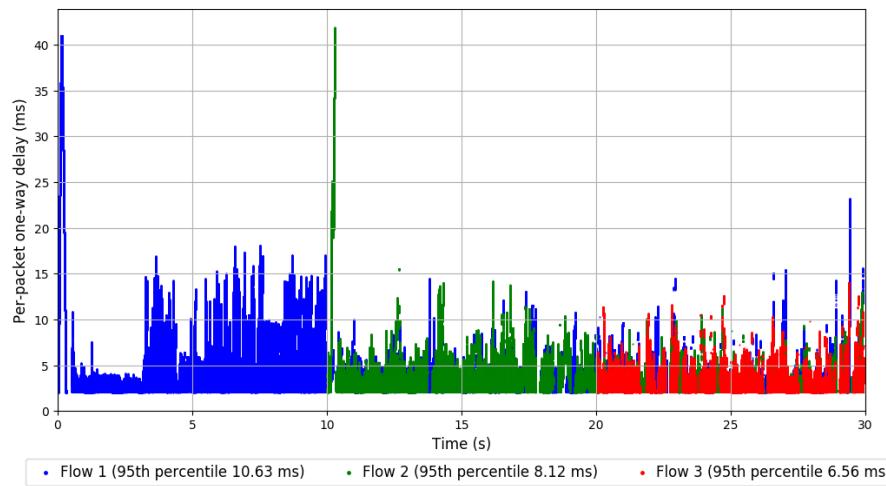
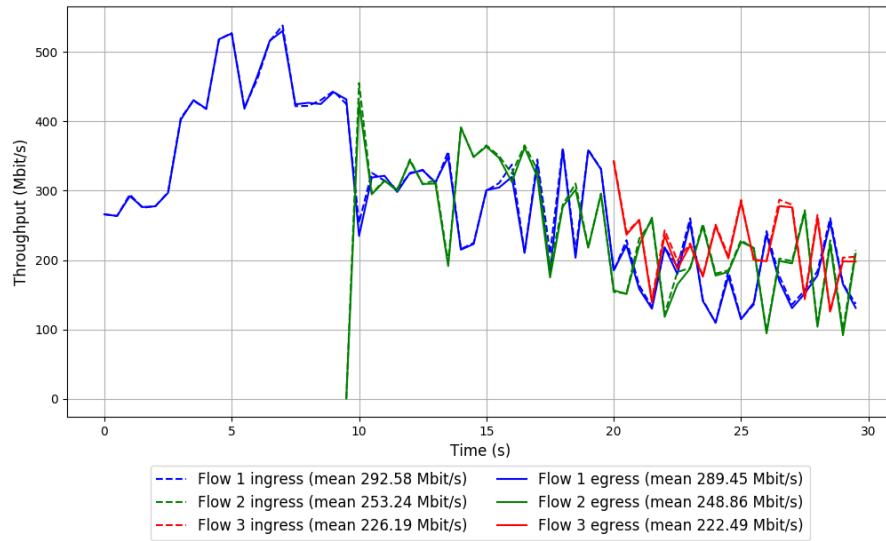


Run 4: Statistics of Verus

```
Start at: 2017-11-30 22:15:07
End at: 2017-11-30 22:15:37
Local clock offset: 0.105 ms
Remote clock offset: -0.281 ms

# Below is generated by plot.py at 2017-12-01 03:35:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 528.50 Mbit/s
95th percentile per-packet one-way delay: 9.419 ms
Loss rate: 1.33%
-- Flow 1:
Average throughput: 289.45 Mbit/s
95th percentile per-packet one-way delay: 10.627 ms
Loss rate: 1.06%
-- Flow 2:
Average throughput: 248.86 Mbit/s
95th percentile per-packet one-way delay: 8.115 ms
Loss rate: 1.69%
-- Flow 3:
Average throughput: 222.49 Mbit/s
95th percentile per-packet one-way delay: 6.564 ms
Loss rate: 1.59%
```

Run 4: Report of Verus — Data Link

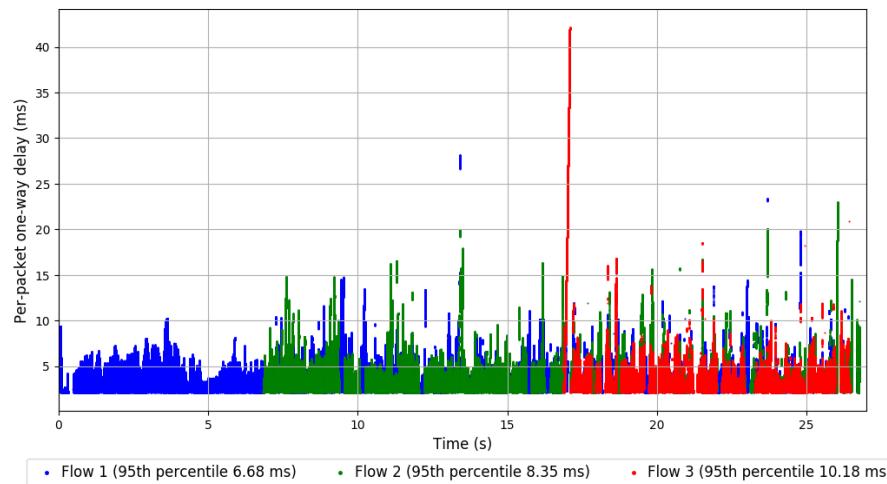
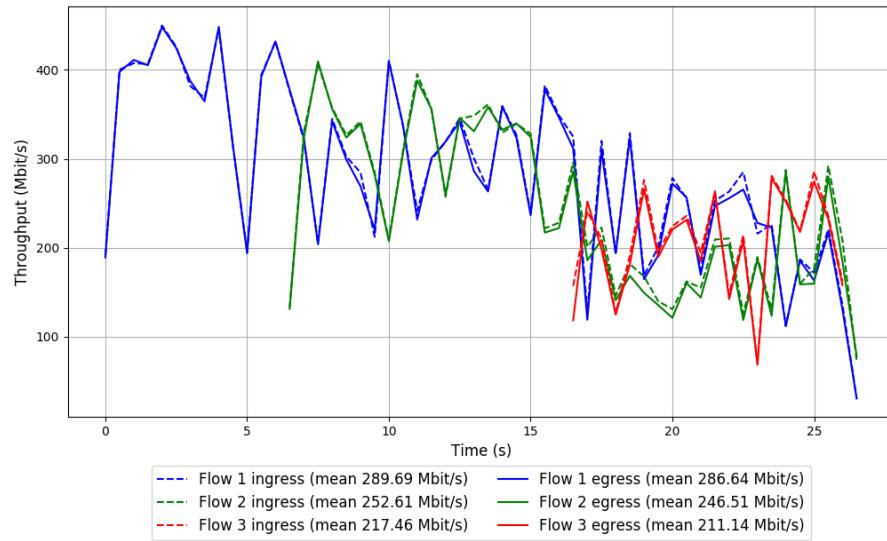


Run 5: Statistics of Verus

```
Start at: 2017-11-30 22:34:38
End at: 2017-11-30 22:35:08
Local clock offset: 0.025 ms
Remote clock offset: -0.277 ms

# Below is generated by plot.py at 2017-12-01 03:36:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 546.10 Mbit/s
95th percentile per-packet one-way delay: 7.482 ms
Loss rate: 1.76%
-- Flow 1:
Average throughput: 286.64 Mbit/s
95th percentile per-packet one-way delay: 6.685 ms
Loss rate: 1.04%
-- Flow 2:
Average throughput: 246.51 Mbit/s
95th percentile per-packet one-way delay: 8.346 ms
Loss rate: 2.39%
-- Flow 3:
Average throughput: 211.14 Mbit/s
95th percentile per-packet one-way delay: 10.177 ms
Loss rate: 2.91%
```

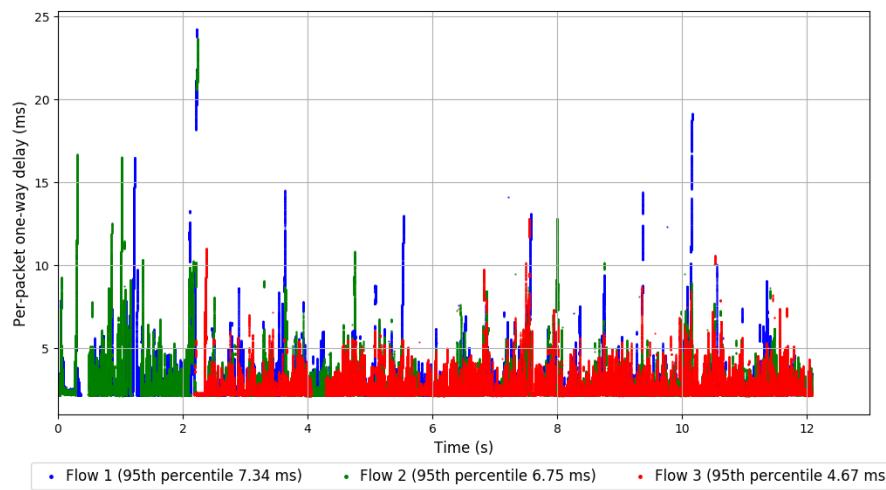
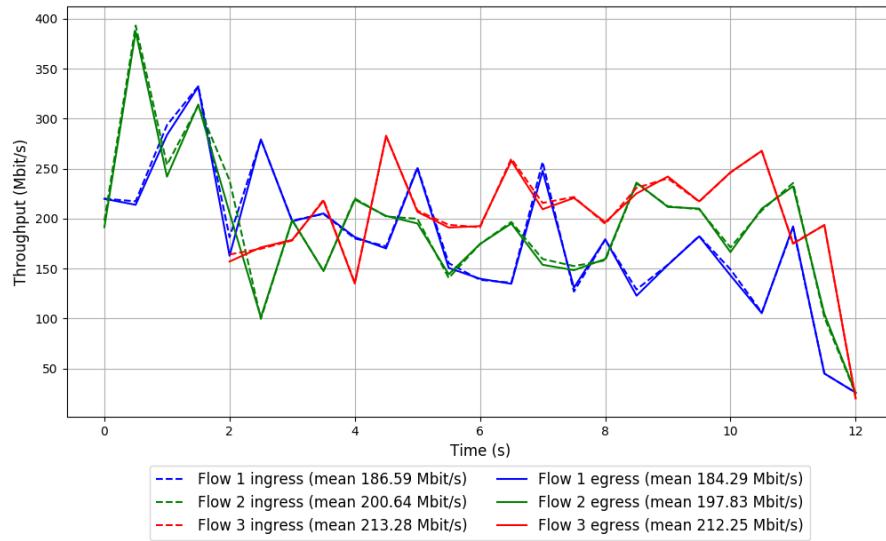
Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2017-11-30 22:53:57  
End at: 2017-11-30 22:54:27  
Local clock offset: -0.053 ms  
Remote clock offset: -0.373 ms

Run 6: Report of Verus — Data Link

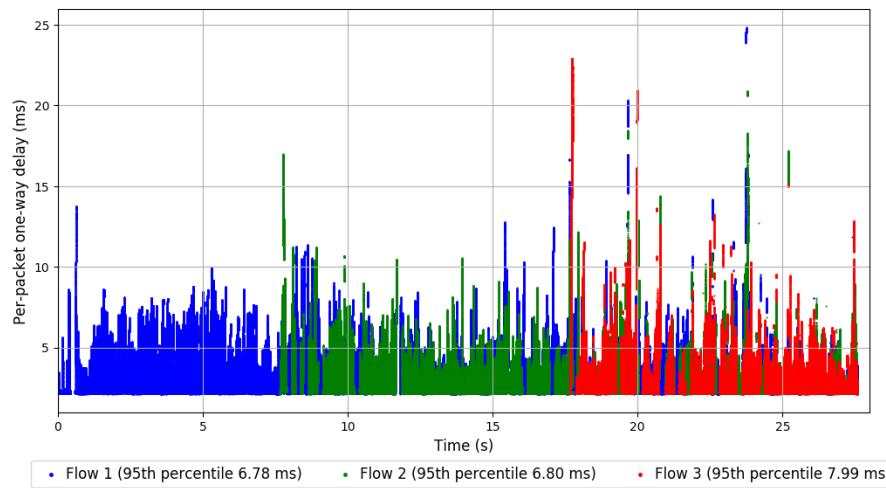
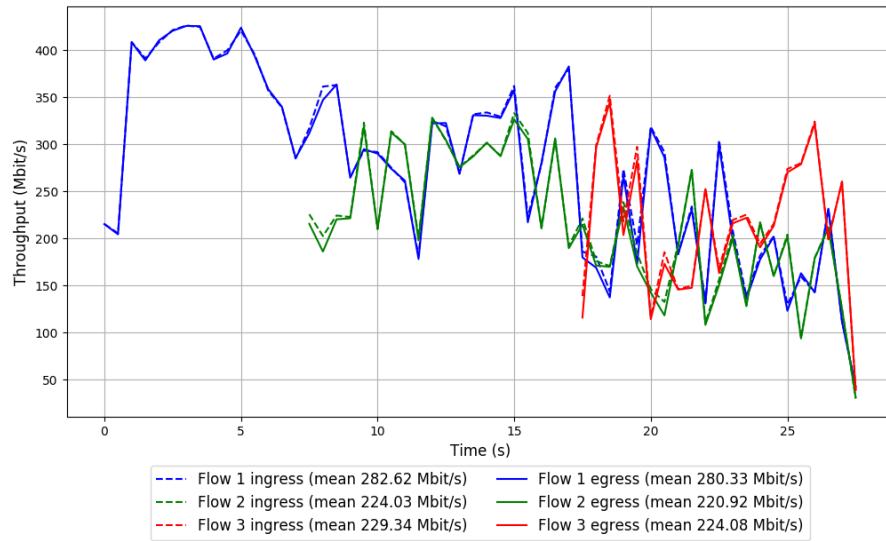


Run 7: Statistics of Verus

```
Start at: 2017-11-30 23:13:13
End at: 2017-11-30 23:13:43
Local clock offset: -0.103 ms
Remote clock offset: -0.365 ms

# Below is generated by plot.py at 2017-12-01 03:38:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 520.27 Mbit/s
95th percentile per-packet one-way delay: 6.885 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 280.33 Mbit/s
95th percentile per-packet one-way delay: 6.783 ms
Loss rate: 0.81%
-- Flow 2:
Average throughput: 220.92 Mbit/s
95th percentile per-packet one-way delay: 6.804 ms
Loss rate: 1.39%
-- Flow 3:
Average throughput: 224.08 Mbit/s
95th percentile per-packet one-way delay: 7.992 ms
Loss rate: 2.29%
```

Run 7: Report of Verus — Data Link

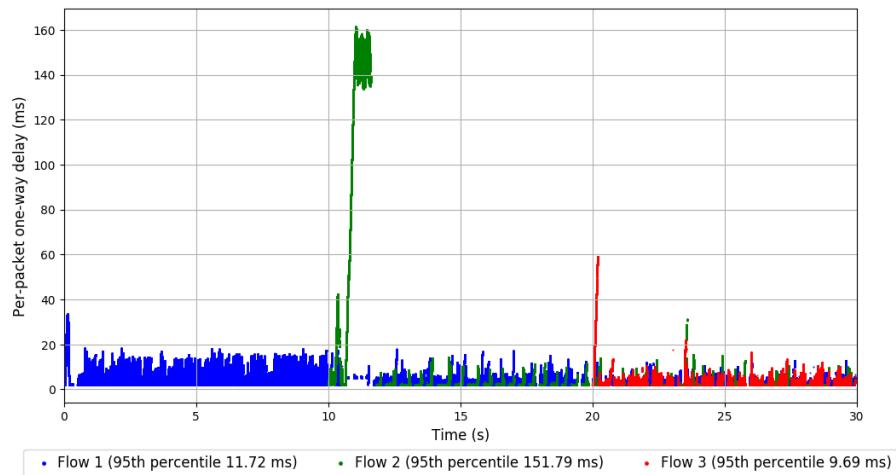
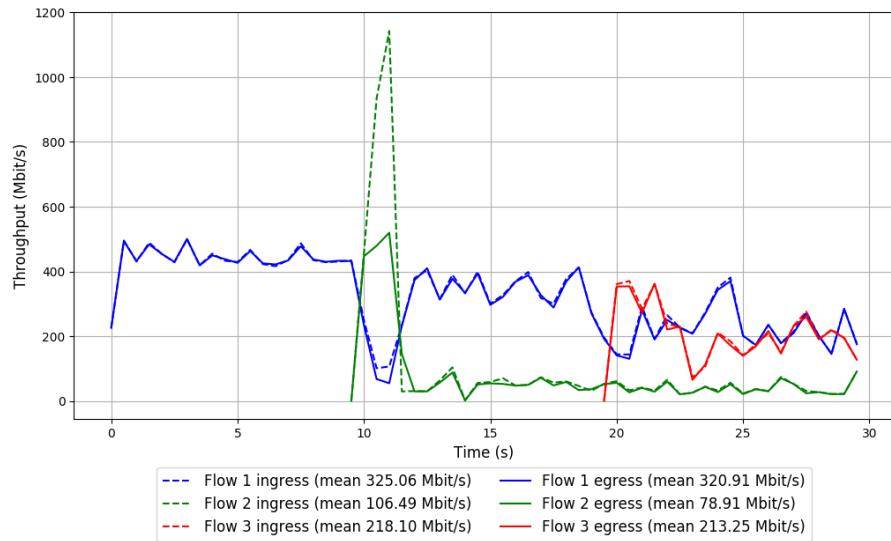


Run 8: Statistics of Verus

```
Start at: 2017-11-30 23:32:50
End at: 2017-11-30 23:33:20
Local clock offset: -0.197 ms
Remote clock offset: -0.408 ms

# Below is generated by plot.py at 2017-12-01 03:39:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 443.91 Mbit/s
95th percentile per-packet one-way delay: 18.471 ms
Loss rate: 5.12%
-- Flow 1:
Average throughput: 320.91 Mbit/s
95th percentile per-packet one-way delay: 11.723 ms
Loss rate: 1.27%
-- Flow 2:
Average throughput: 78.91 Mbit/s
95th percentile per-packet one-way delay: 151.786 ms
Loss rate: 25.90%
-- Flow 3:
Average throughput: 213.25 Mbit/s
95th percentile per-packet one-way delay: 9.685 ms
Loss rate: 2.19%
```

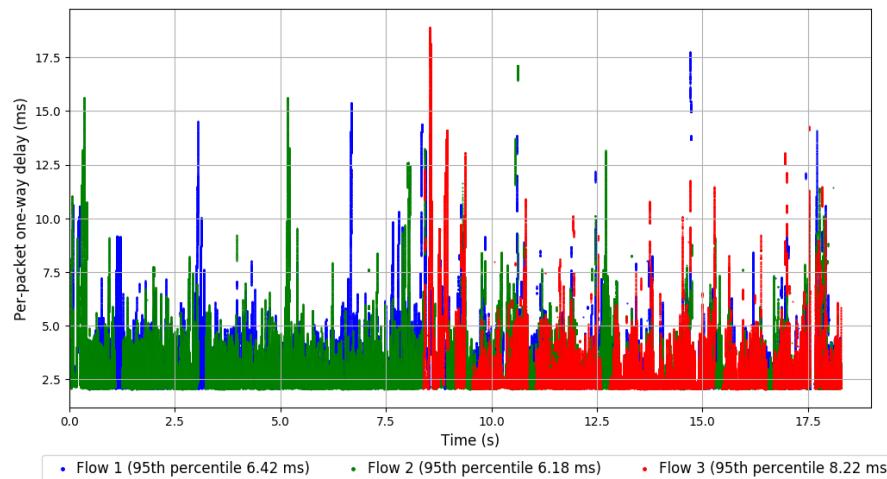
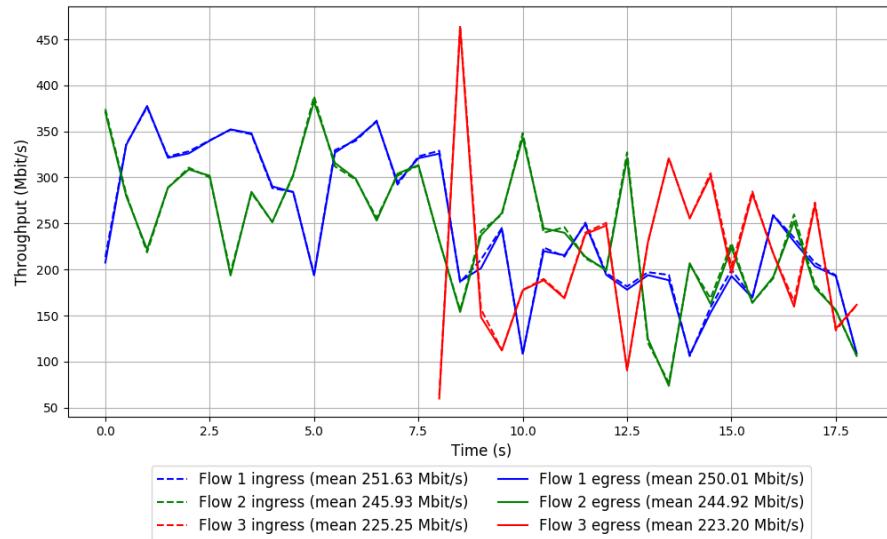
## Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: 2017-11-30 23:52:15  
End at: 2017-11-30 23:52:45  
Local clock offset: -0.122 ms  
Remote clock offset: -0.342 ms

### Run 9: Report of Verus — Data Link

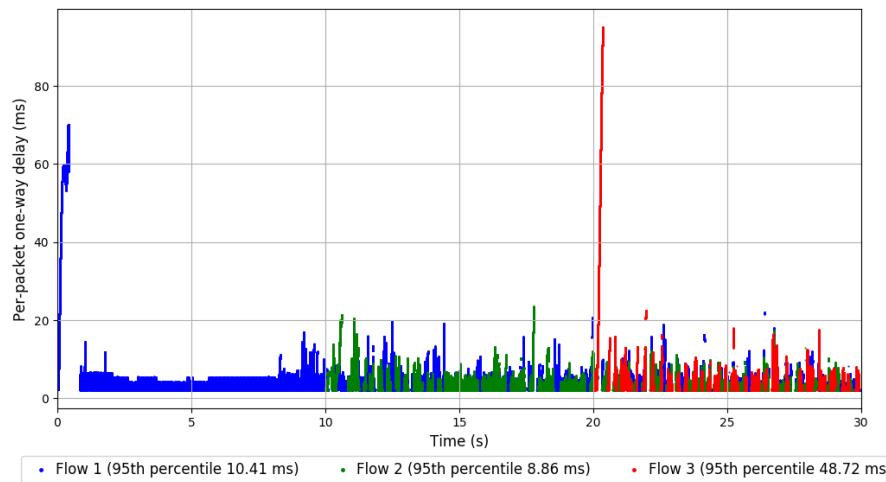
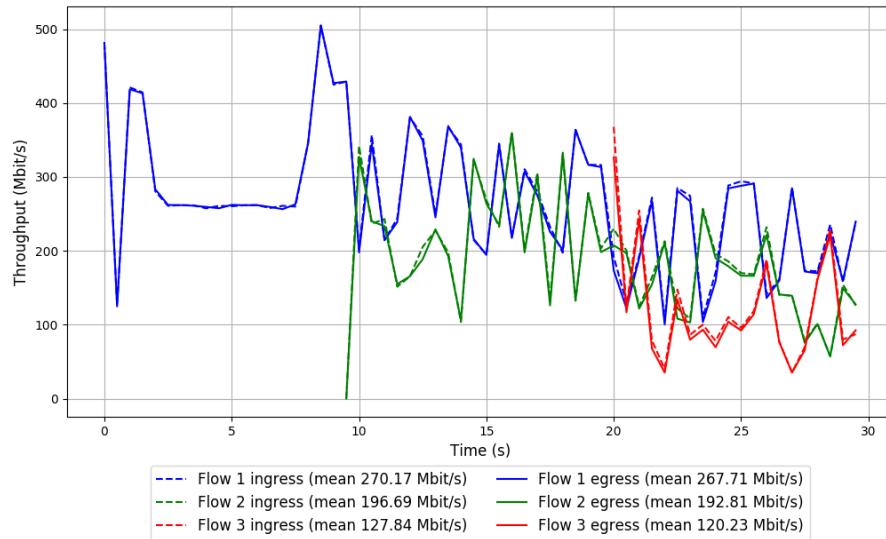


Run 10: Statistics of Verus

```
Start at: 2017-12-01 00:11:36
End at: 2017-12-01 00:12:06
Local clock offset: -0.147 ms
Remote clock offset: -0.278 ms

# Below is generated by plot.py at 2017-12-01 03:39:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 435.43 Mbit/s
95th percentile per-packet one-way delay: 10.744 ms
Loss rate: 1.70%
-- Flow 1:
Average throughput: 267.71 Mbit/s
95th percentile per-packet one-way delay: 10.409 ms
Loss rate: 0.91%
-- Flow 2:
Average throughput: 192.81 Mbit/s
95th percentile per-packet one-way delay: 8.864 ms
Loss rate: 1.97%
-- Flow 3:
Average throughput: 120.23 Mbit/s
95th percentile per-packet one-way delay: 48.717 ms
Loss rate: 5.94%
```

Run 10: Report of Verus — Data Link

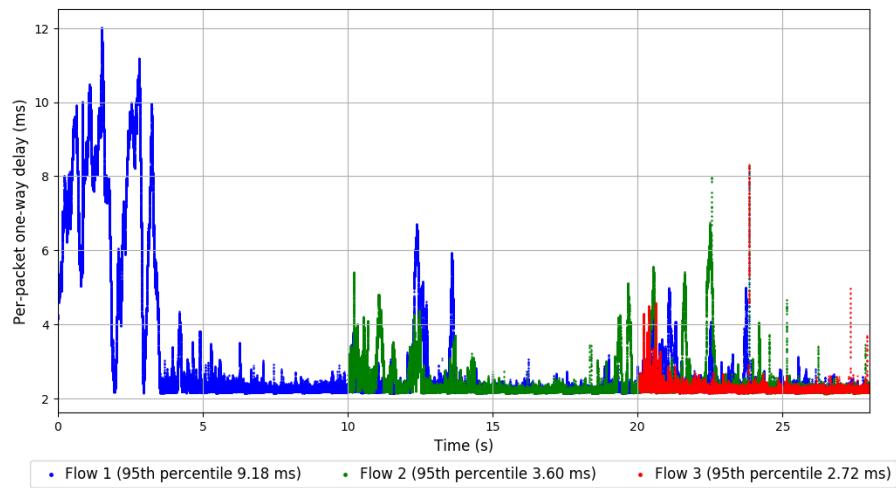
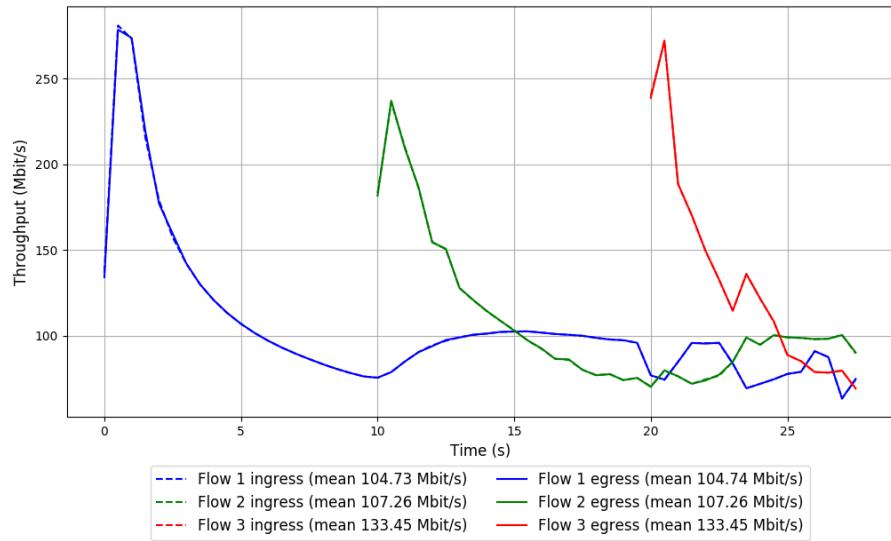


Run 1: Statistics of Copa

```
Start at: 2017-11-30 21:06:50
End at: 2017-11-30 21:07:20
Local clock offset: 0.382 ms
Remote clock offset: 0.112 ms

# Below is generated by plot.py at 2017-12-01 03:39:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 211.39 Mbit/s
95th percentile per-packet one-way delay: 8.038 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 104.74 Mbit/s
95th percentile per-packet one-way delay: 9.175 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 107.26 Mbit/s
95th percentile per-packet one-way delay: 3.595 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 133.45 Mbit/s
95th percentile per-packet one-way delay: 2.719 ms
Loss rate: 0.00%
```

## Run 1: Report of Copa — Data Link

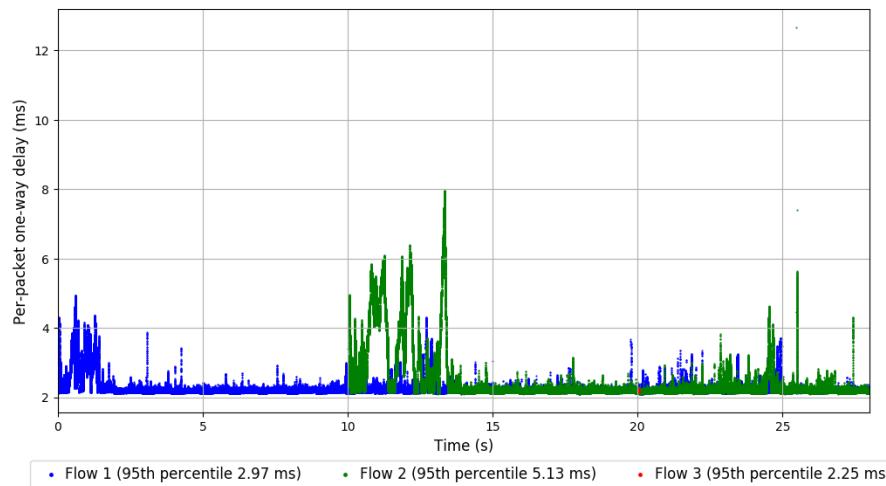
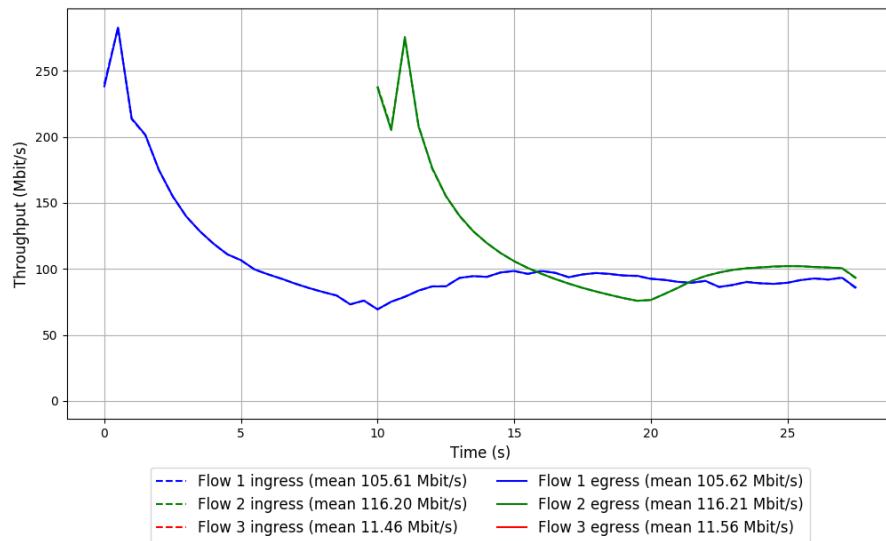


Run 2: Statistics of Copa

```
Start at: 2017-11-30 21:26:21
End at: 2017-11-30 21:26:51
Local clock offset: 0.3 ms
Remote clock offset: 0.034 ms

# Below is generated by plot.py at 2017-12-01 03:39:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 180.23 Mbit/s
95th percentile per-packet one-way delay: 4.051 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 105.62 Mbit/s
95th percentile per-packet one-way delay: 2.974 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 116.21 Mbit/s
95th percentile per-packet one-way delay: 5.135 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 11.56 Mbit/s
95th percentile per-packet one-way delay: 2.246 ms
Loss rate: 0.00%
```

## Run 2: Report of Copa — Data Link

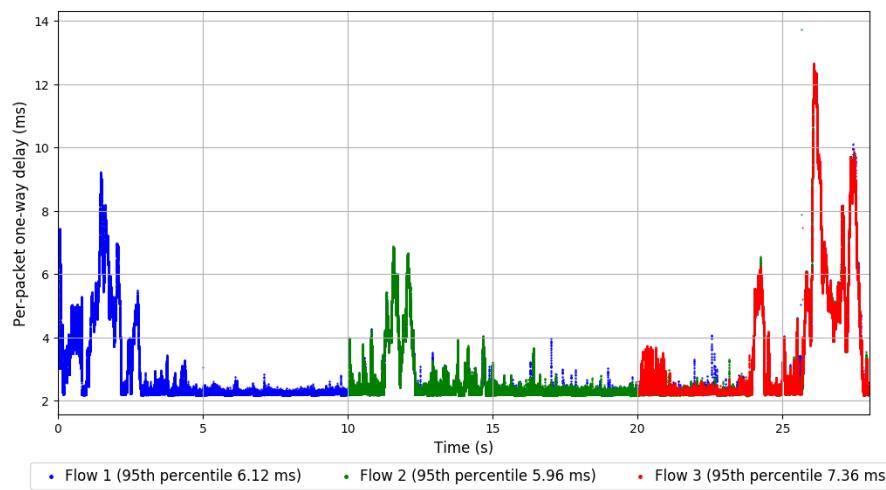
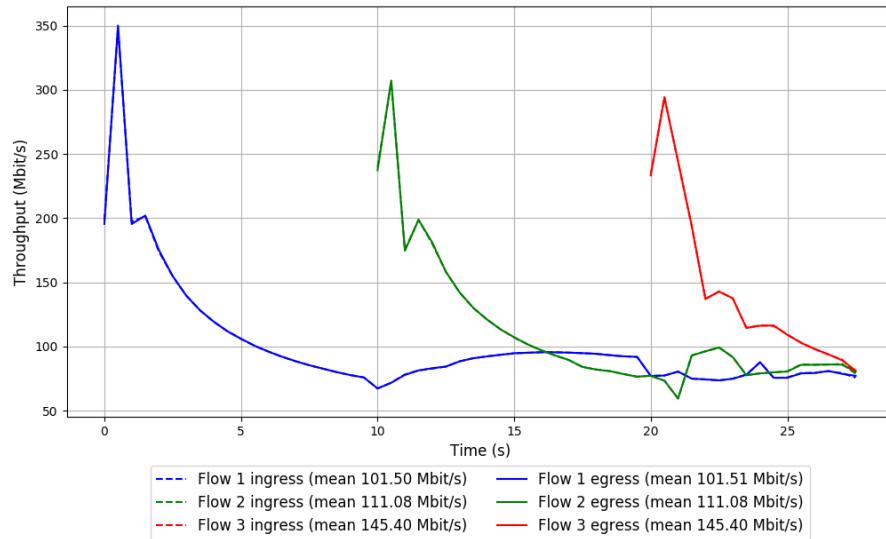


Run 3: Statistics of Copa

```
Start at: 2017-11-30 21:45:31
End at: 2017-11-30 21:46:01
Local clock offset: 0.111 ms
Remote clock offset: -0.09 ms

# Below is generated by plot.py at 2017-12-01 03:40:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 214.00 Mbit/s
95th percentile per-packet one-way delay: 6.182 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 101.51 Mbit/s
95th percentile per-packet one-way delay: 6.117 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 111.08 Mbit/s
95th percentile per-packet one-way delay: 5.956 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 145.40 Mbit/s
95th percentile per-packet one-way delay: 7.360 ms
Loss rate: 0.00%
```

Run 3: Report of Copa — Data Link

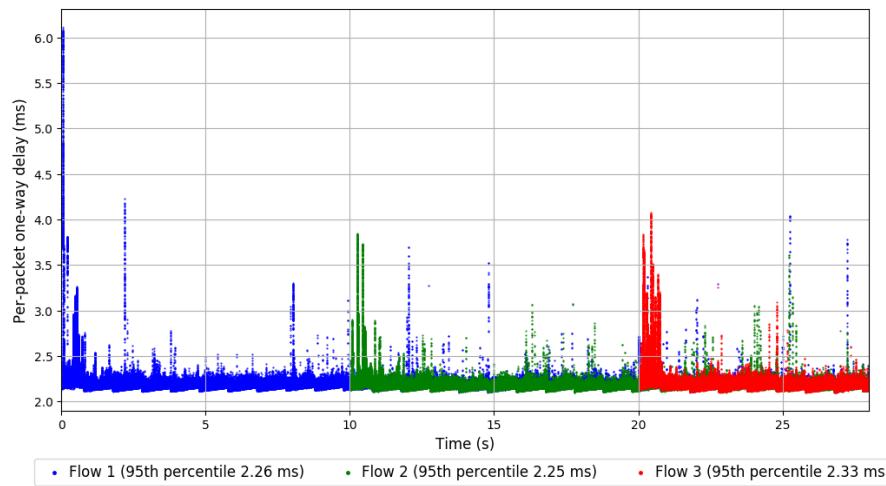
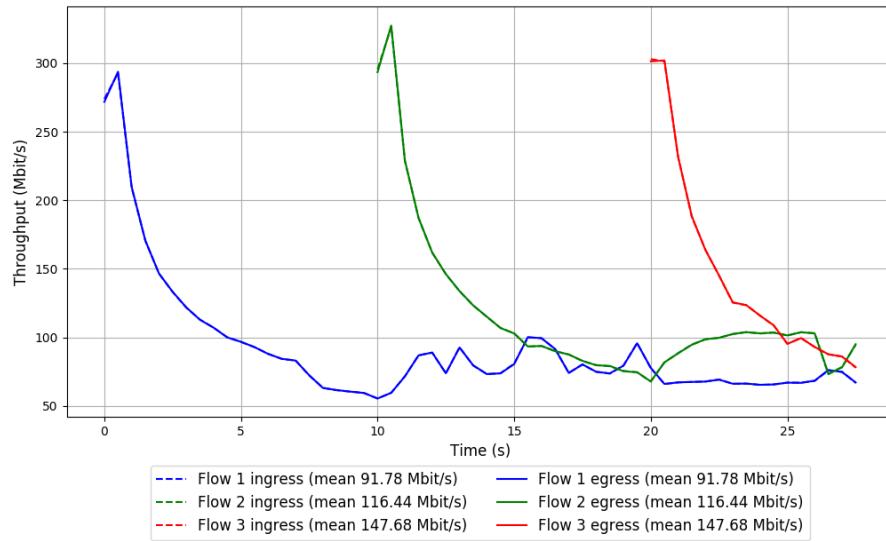


Run 4: Statistics of Copa

```
Start at: 2017-11-30 22:04:49
End at: 2017-11-30 22:05:19
Local clock offset: 0.163 ms
Remote clock offset: -0.18 ms

# Below is generated by plot.py at 2017-12-01 03:42:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 208.47 Mbit/s
95th percentile per-packet one-way delay: 2.262 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 91.78 Mbit/s
95th percentile per-packet one-way delay: 2.258 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 116.44 Mbit/s
95th percentile per-packet one-way delay: 2.247 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 147.68 Mbit/s
95th percentile per-packet one-way delay: 2.329 ms
Loss rate: 0.00%
```

Run 4: Report of Copa — Data Link

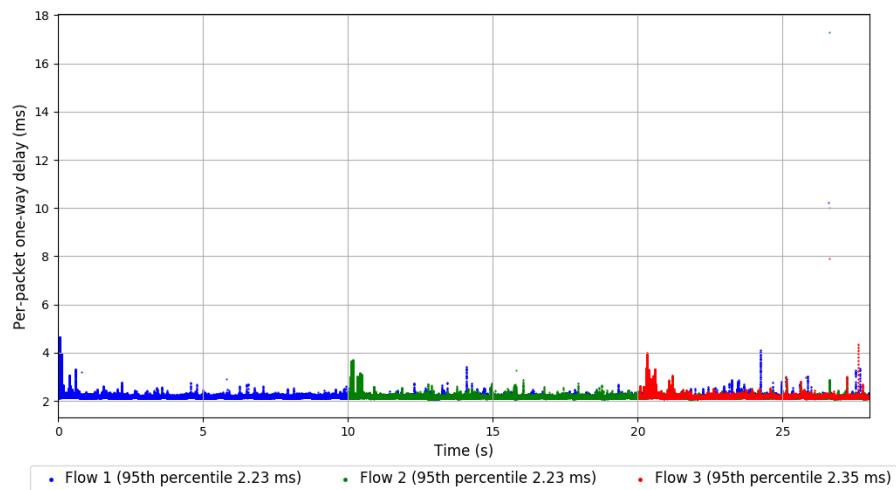
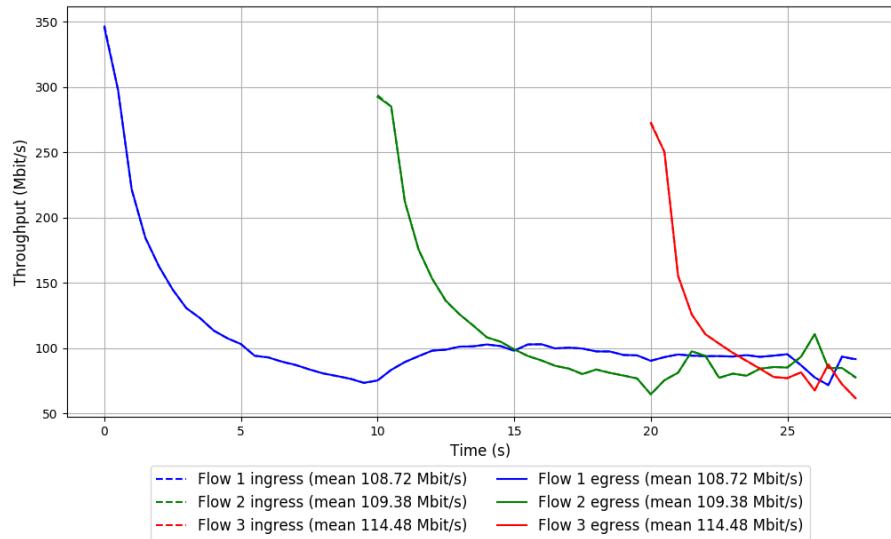


Run 5: Statistics of Copa

```
Start at: 2017-11-30 22:24:33
End at: 2017-11-30 22:25:03
Local clock offset: 0.07 ms
Remote clock offset: -0.239 ms

# Below is generated by plot.py at 2017-12-01 03:43:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 211.33 Mbit/s
95th percentile per-packet one-way delay: 2.235 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 108.72 Mbit/s
95th percentile per-packet one-way delay: 2.228 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 109.38 Mbit/s
95th percentile per-packet one-way delay: 2.225 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 114.48 Mbit/s
95th percentile per-packet one-way delay: 2.345 ms
Loss rate: 0.00%
```

## Run 5: Report of Copa — Data Link

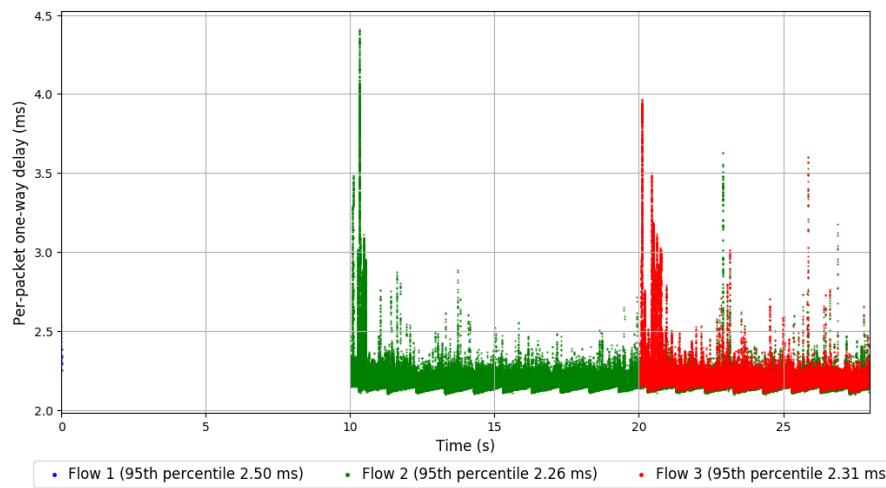
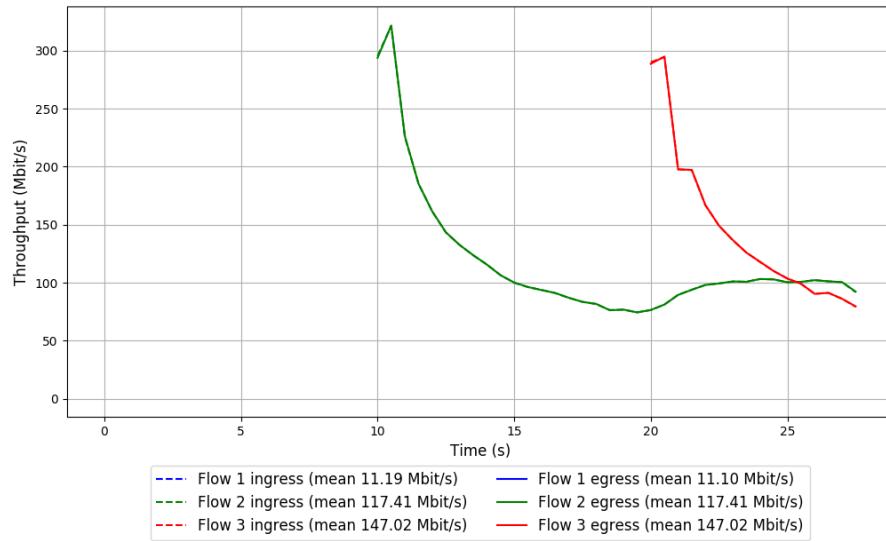


Run 6: Statistics of Copa

```
Start at: 2017-11-30 22:44:02
End at: 2017-11-30 22:44:32
Local clock offset: -0.035 ms
Remote clock offset: -0.326 ms

# Below is generated by plot.py at 2017-12-01 03:43:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 117.14 Mbit/s
95th percentile per-packet one-way delay: 2.278 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.10 Mbit/s
95th percentile per-packet one-way delay: 2.501 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 117.41 Mbit/s
95th percentile per-packet one-way delay: 2.261 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 147.02 Mbit/s
95th percentile per-packet one-way delay: 2.314 ms
Loss rate: 0.00%
```

## Run 6: Report of Copa — Data Link

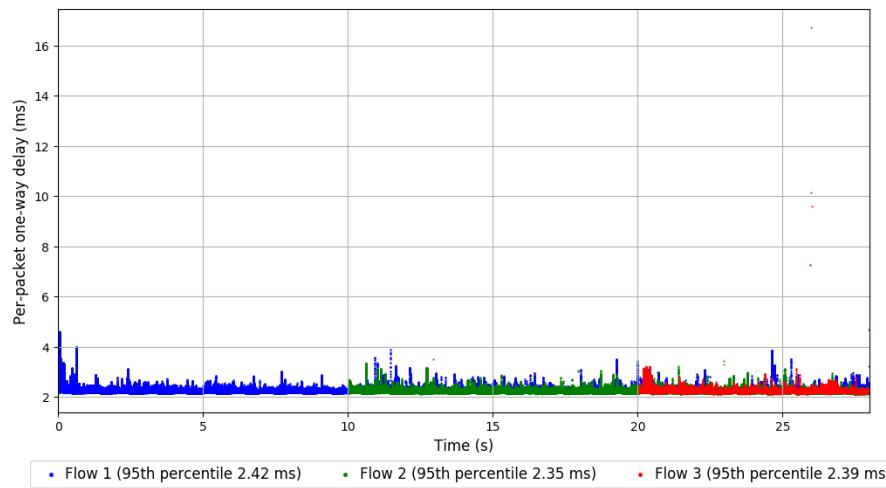
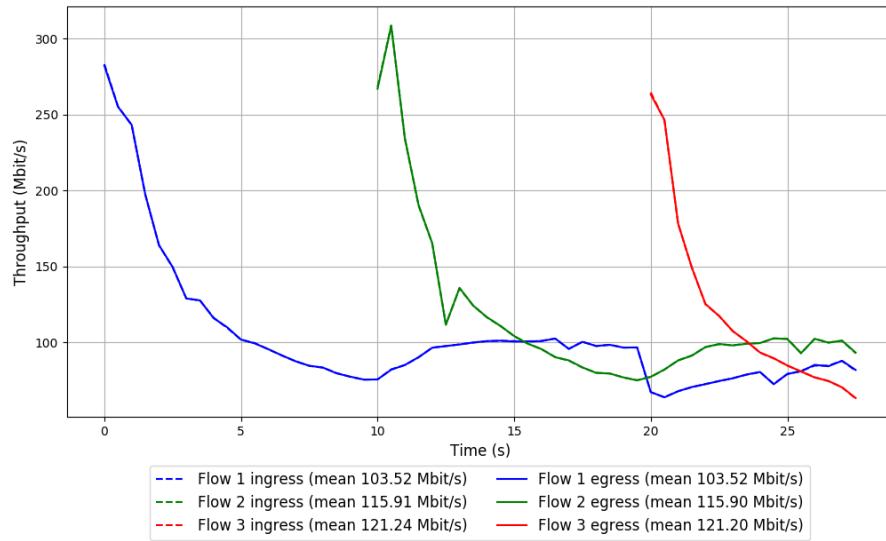


Run 7: Statistics of Copa

```
Start at: 2017-11-30 23:03:06
End at: 2017-11-30 23:03:36
Local clock offset: -0.097 ms
Remote clock offset: -0.348 ms

# Below is generated by plot.py at 2017-12-01 03:43:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 212.25 Mbit/s
95th percentile per-packet one-way delay: 2.383 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 103.52 Mbit/s
95th percentile per-packet one-way delay: 2.416 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 115.90 Mbit/s
95th percentile per-packet one-way delay: 2.346 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 121.20 Mbit/s
95th percentile per-packet one-way delay: 2.391 ms
Loss rate: 0.00%
```

## Run 7: Report of Copa — Data Link

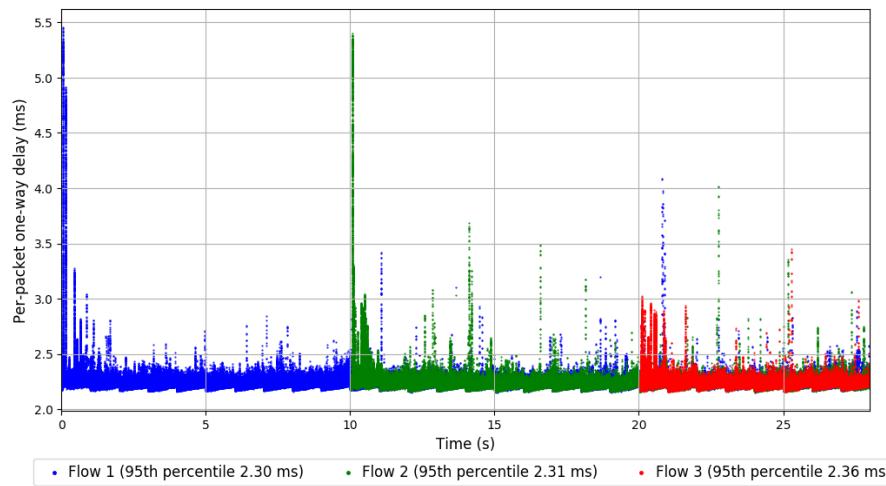
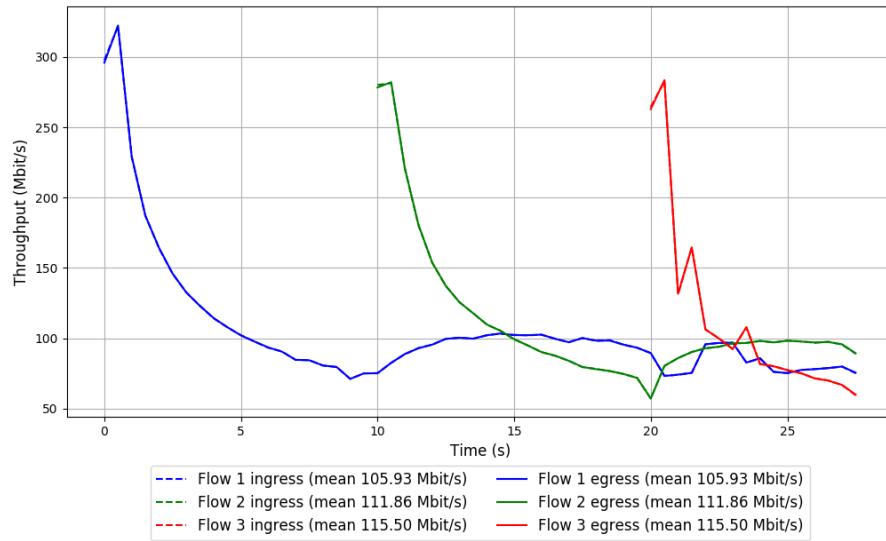


Run 8: Statistics of Copa

```
Start at: 2017-11-30 23:22:38
End at: 2017-11-30 23:23:08
Local clock offset: -0.164 ms
Remote clock offset: -0.362 ms

# Below is generated by plot.py at 2017-12-01 03:44:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 210.43 Mbit/s
95th percentile per-packet one-way delay: 2.313 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 105.93 Mbit/s
95th percentile per-packet one-way delay: 2.304 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 111.86 Mbit/s
95th percentile per-packet one-way delay: 2.315 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 115.50 Mbit/s
95th percentile per-packet one-way delay: 2.358 ms
Loss rate: 0.00%
```

### Run 8: Report of Copa — Data Link

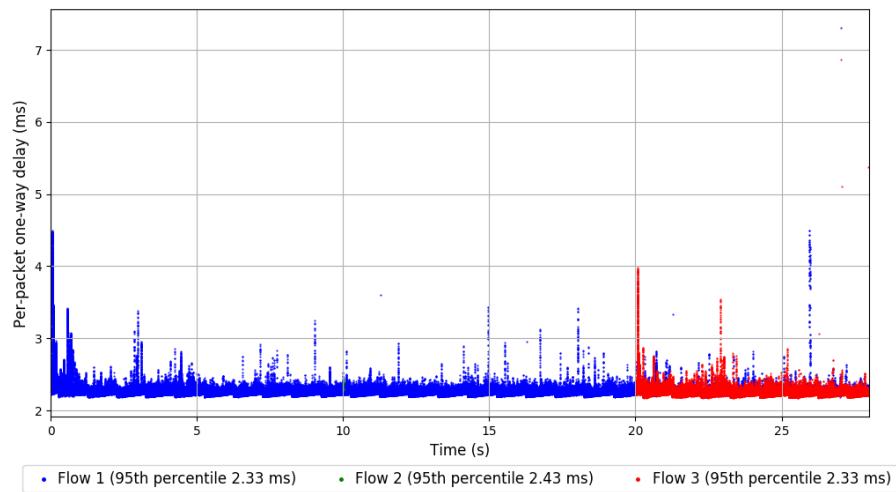
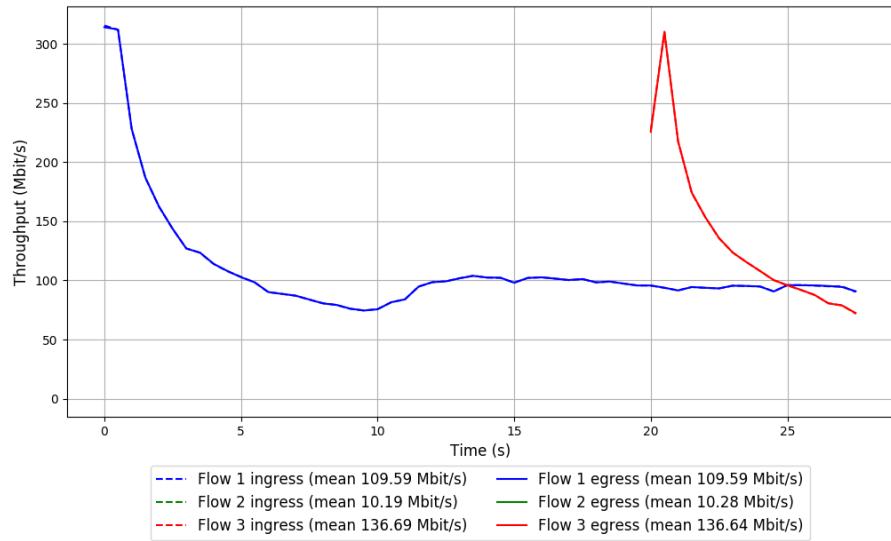


Run 9: Statistics of Copa

```
Start at: 2017-11-30 23:42:13
End at: 2017-11-30 23:42:43
Local clock offset: -0.188 ms
Remote clock offset: -0.288 ms

# Below is generated by plot.py at 2017-12-01 03:44:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 148.40 Mbit/s
95th percentile per-packet one-way delay: 2.332 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 109.59 Mbit/s
95th percentile per-packet one-way delay: 2.335 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 10.28 Mbit/s
95th percentile per-packet one-way delay: 2.433 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 136.64 Mbit/s
95th percentile per-packet one-way delay: 2.327 ms
Loss rate: 0.00%
```

### Run 9: Report of Copa — Data Link

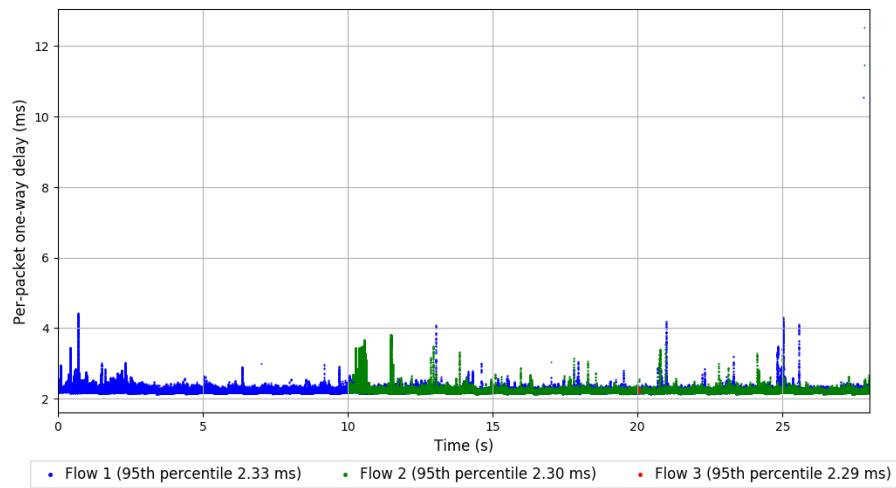
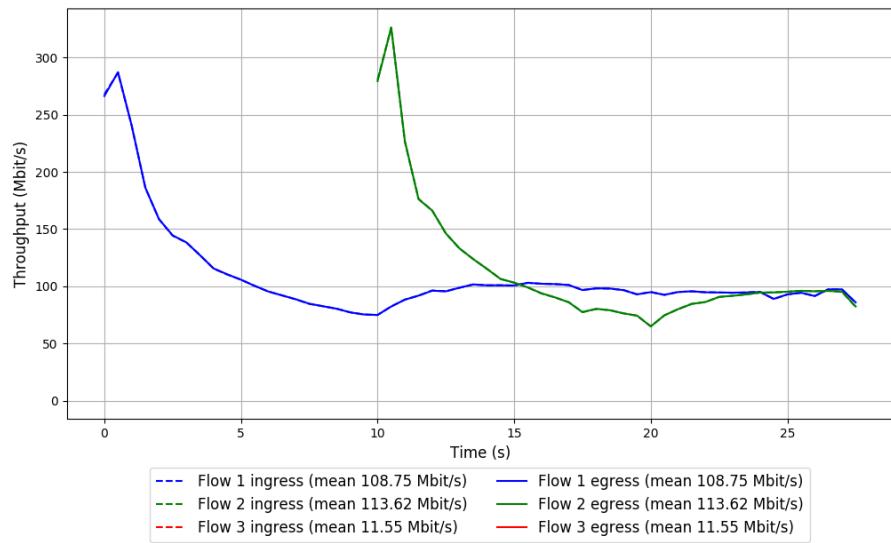


Run 10: Statistics of Copa

```
Start at: 2017-12-01 00:01:34
End at: 2017-12-01 00:02:04
Local clock offset: -0.138 ms
Remote clock offset: -0.199 ms

# Below is generated by plot.py at 2017-12-01 03:44:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 181.63 Mbit/s
95th percentile per-packet one-way delay: 2.318 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 108.75 Mbit/s
95th percentile per-packet one-way delay: 2.326 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 113.62 Mbit/s
95th percentile per-packet one-way delay: 2.303 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 11.55 Mbit/s
95th percentile per-packet one-way delay: 2.288 ms
Loss rate: 0.00%
```

## Run 10: Report of Copa — Data Link

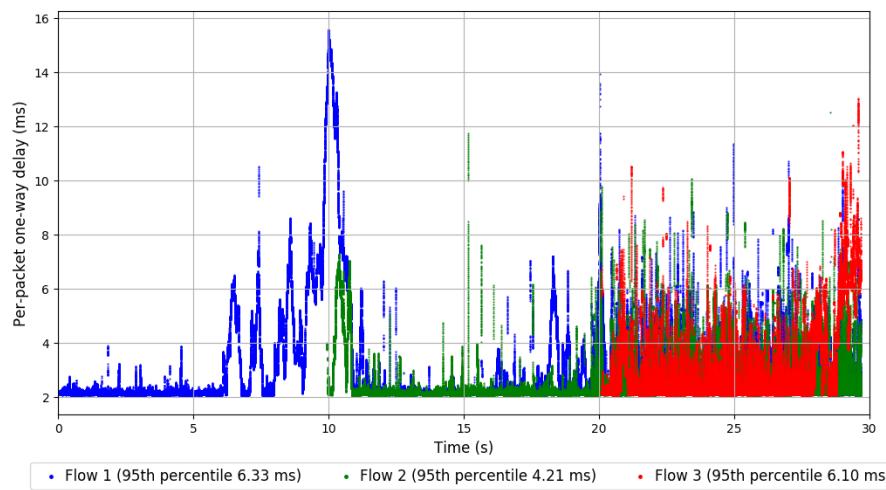
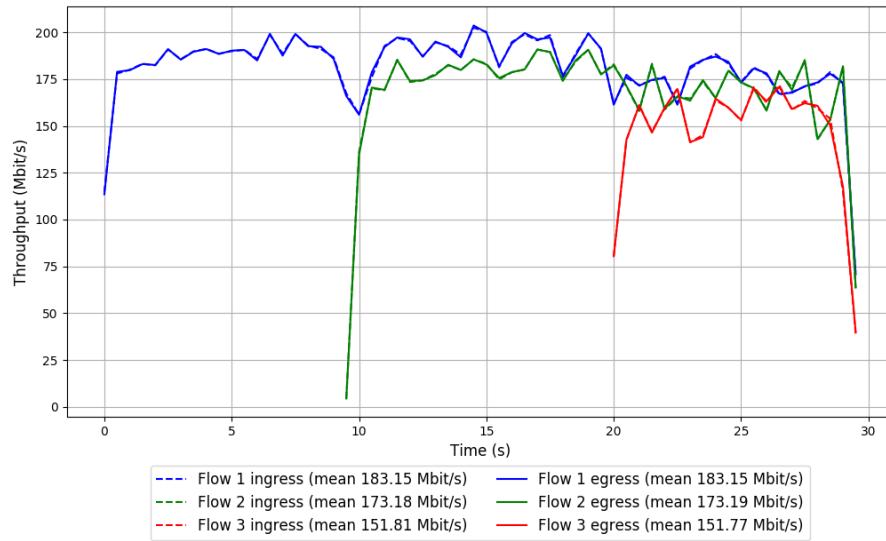


Run 1: Statistics of Indigo

```
Start at: 2017-11-30 21:02:45
End at: 2017-11-30 21:03:15
Local clock offset: 0.442 ms
Remote clock offset: 0.059 ms

# Below is generated by plot.py at 2017-12-01 03:45:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 347.47 Mbit/s
95th percentile per-packet one-way delay: 5.823 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 183.15 Mbit/s
95th percentile per-packet one-way delay: 6.333 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 173.19 Mbit/s
95th percentile per-packet one-way delay: 4.206 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 151.77 Mbit/s
95th percentile per-packet one-way delay: 6.102 ms
Loss rate: 0.03%
```

Run 1: Report of Indigo — Data Link

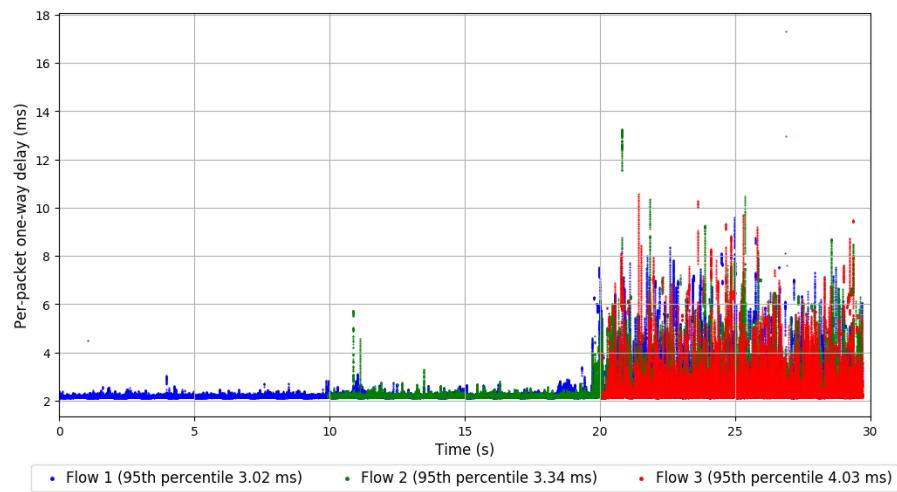
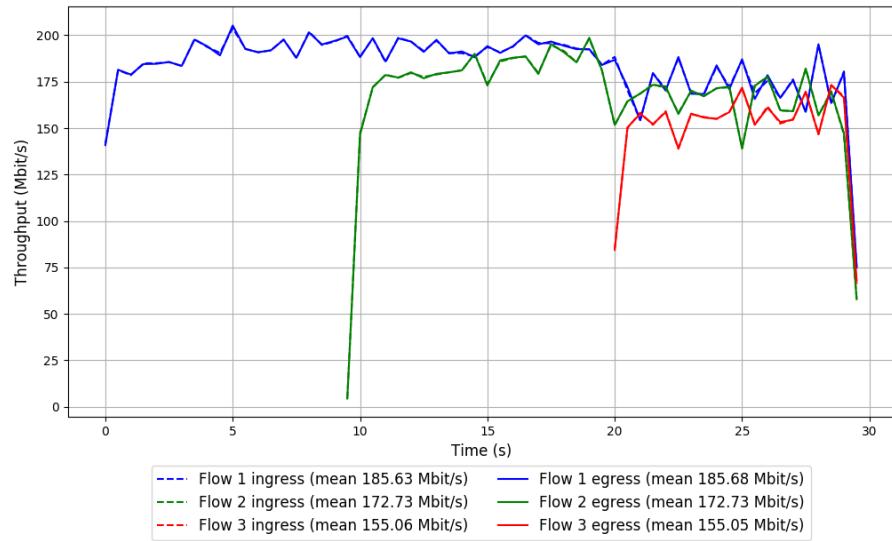


Run 2: Statistics of Indigo

```
Start at: 2017-11-30 21:22:13
End at: 2017-11-30 21:22:43
Local clock offset: 0.299 ms
Remote clock offset: 0.026 ms

# Below is generated by plot.py at 2017-12-01 03:46:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 350.82 Mbit/s
95th percentile per-packet one-way delay: 3.305 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 185.68 Mbit/s
95th percentile per-packet one-way delay: 3.022 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 172.73 Mbit/s
95th percentile per-packet one-way delay: 3.338 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 155.05 Mbit/s
95th percentile per-packet one-way delay: 4.029 ms
Loss rate: 0.00%
```

Run 2: Report of Indigo — Data Link

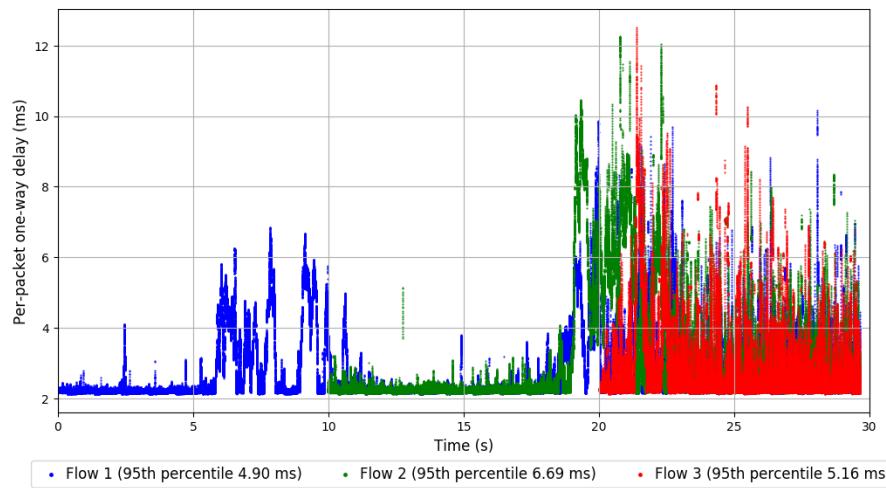
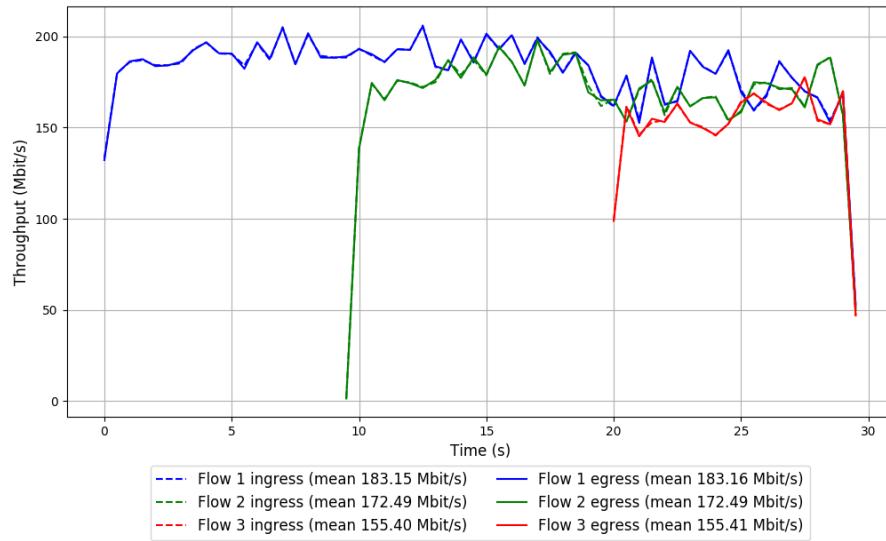


Run 3: Statistics of Indigo

```
Start at: 2017-11-30 21:41:26
End at: 2017-11-30 21:41:56
Local clock offset: 0.168 ms
Remote clock offset: -0.066 ms

# Below is generated by plot.py at 2017-12-01 03:47:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 348.20 Mbit/s
95th percentile per-packet one-way delay: 5.422 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 183.16 Mbit/s
95th percentile per-packet one-way delay: 4.900 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 172.49 Mbit/s
95th percentile per-packet one-way delay: 6.693 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 155.41 Mbit/s
95th percentile per-packet one-way delay: 5.161 ms
Loss rate: 0.00%
```

Run 3: Report of Indigo — Data Link

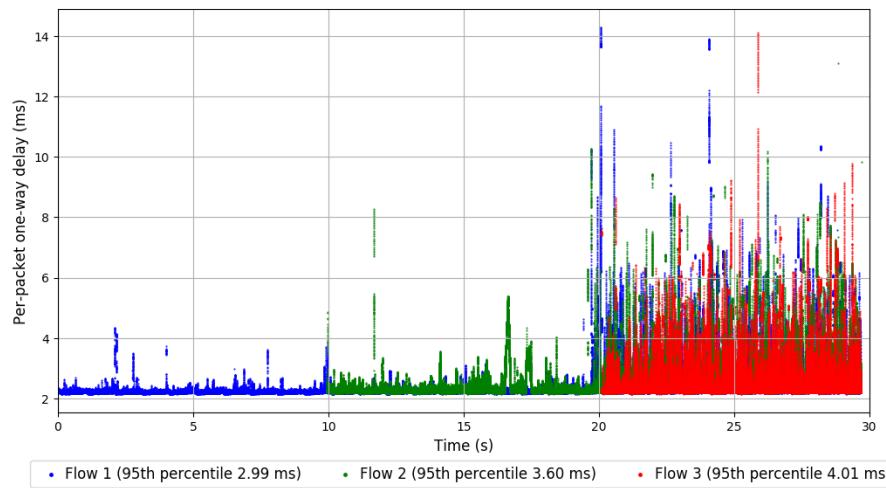
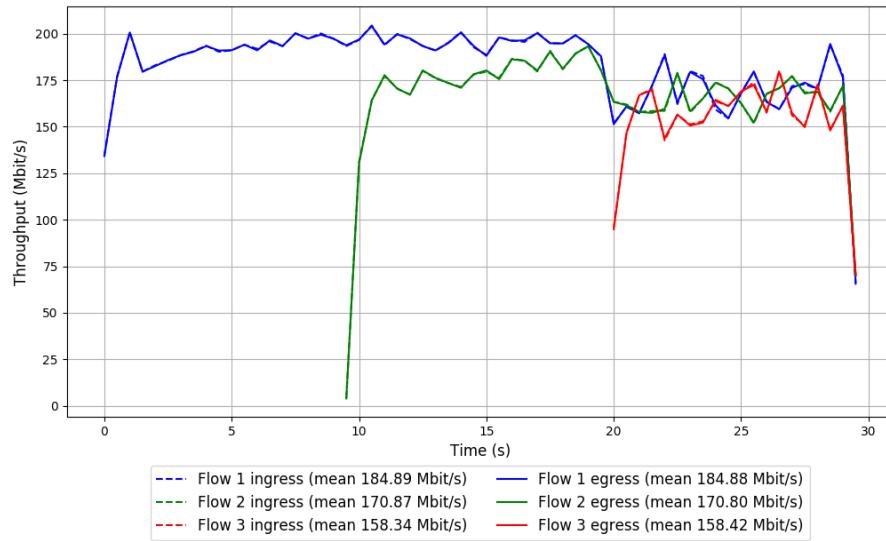


Run 4: Statistics of Indigo

```
Start at: 2017-11-30 22:00:42
End at: 2017-11-30 22:01:13
Local clock offset: 0.154 ms
Remote clock offset: -0.157 ms

# Below is generated by plot.py at 2017-12-01 03:48:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 349.74 Mbit/s
95th percentile per-packet one-way delay: 3.422 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 184.88 Mbit/s
95th percentile per-packet one-way delay: 2.986 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 170.80 Mbit/s
95th percentile per-packet one-way delay: 3.601 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 158.42 Mbit/s
95th percentile per-packet one-way delay: 4.015 ms
Loss rate: 0.00%
```

Run 4: Report of Indigo — Data Link

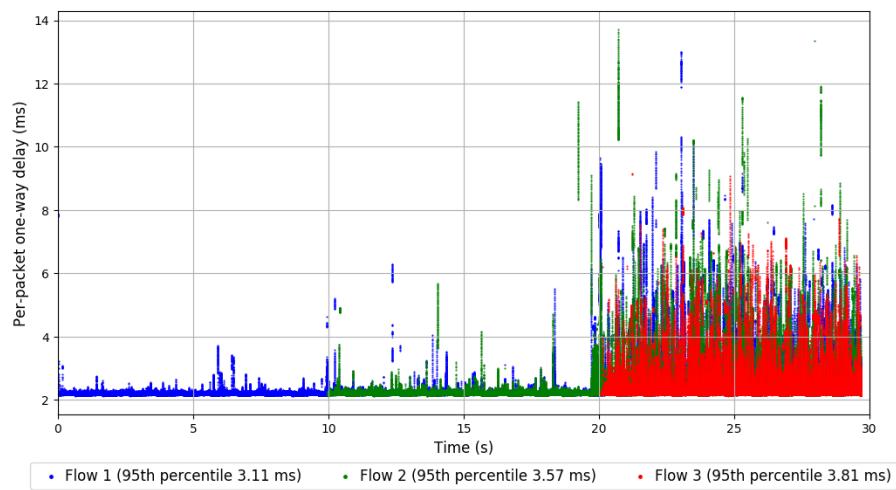
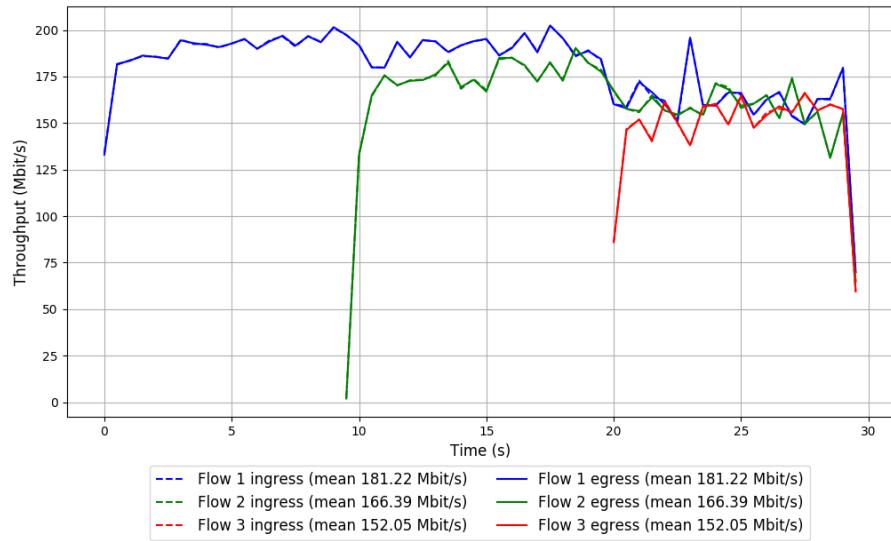


Run 5: Statistics of Indigo

```
Start at: 2017-11-30 22:20:26
End at: 2017-11-30 22:20:56
Local clock offset: 0.08 ms
Remote clock offset: -0.212 ms

# Below is generated by plot.py at 2017-12-01 03:48:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 341.00 Mbit/s
95th percentile per-packet one-way delay: 3.396 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 181.22 Mbit/s
95th percentile per-packet one-way delay: 3.107 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 166.39 Mbit/s
95th percentile per-packet one-way delay: 3.574 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 152.05 Mbit/s
95th percentile per-packet one-way delay: 3.813 ms
Loss rate: 0.00%
```

### Run 5: Report of Indigo — Data Link

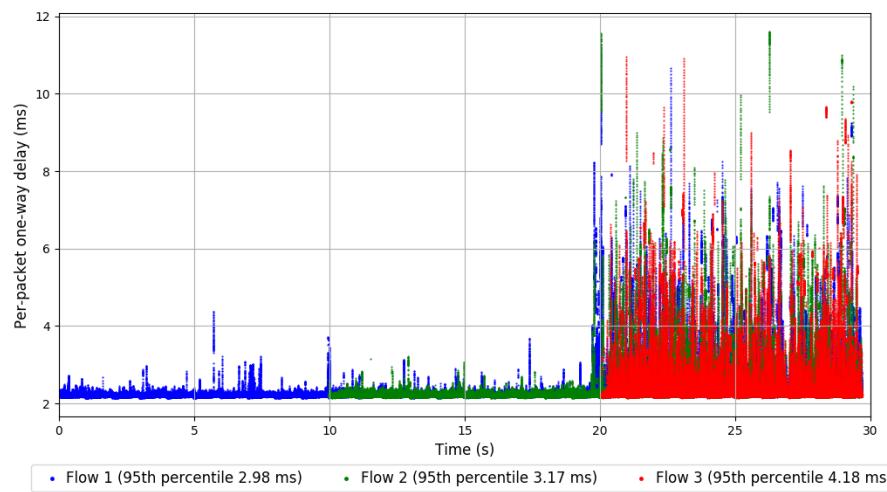
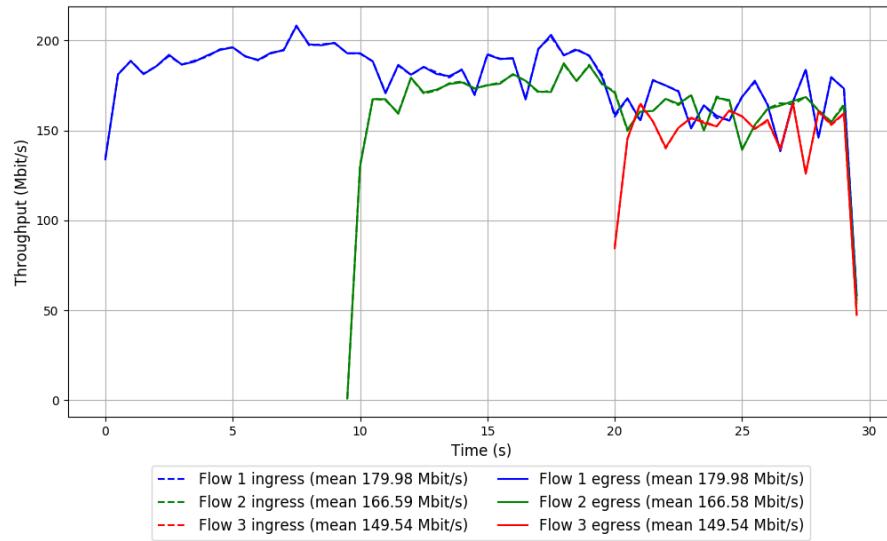


Run 6: Statistics of Indigo

```
Start at: 2017-11-30 22:39:55
End at: 2017-11-30 22:40:25
Local clock offset: -0.026 ms
Remote clock offset: -0.298 ms

# Below is generated by plot.py at 2017-12-01 03:48:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 339.14 Mbit/s
95th percentile per-packet one-way delay: 3.250 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 179.98 Mbit/s
95th percentile per-packet one-way delay: 2.981 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 166.58 Mbit/s
95th percentile per-packet one-way delay: 3.166 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 149.54 Mbit/s
95th percentile per-packet one-way delay: 4.180 ms
Loss rate: 0.00%
```

Run 6: Report of Indigo — Data Link

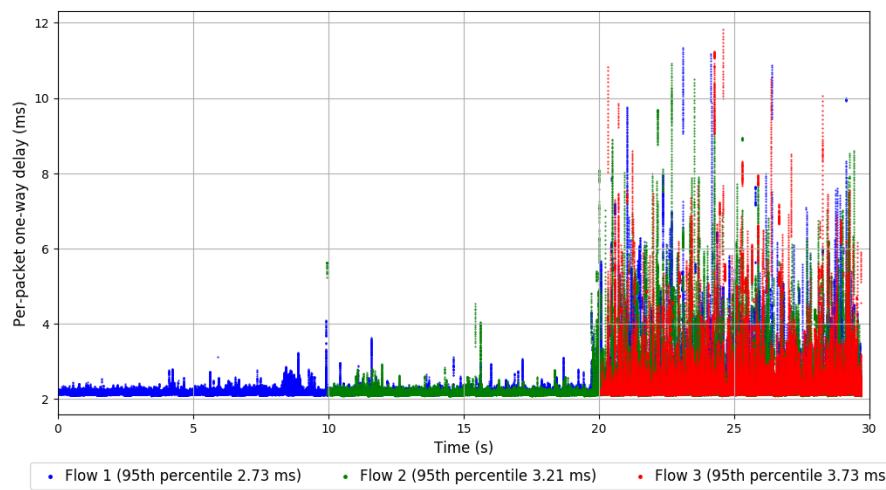
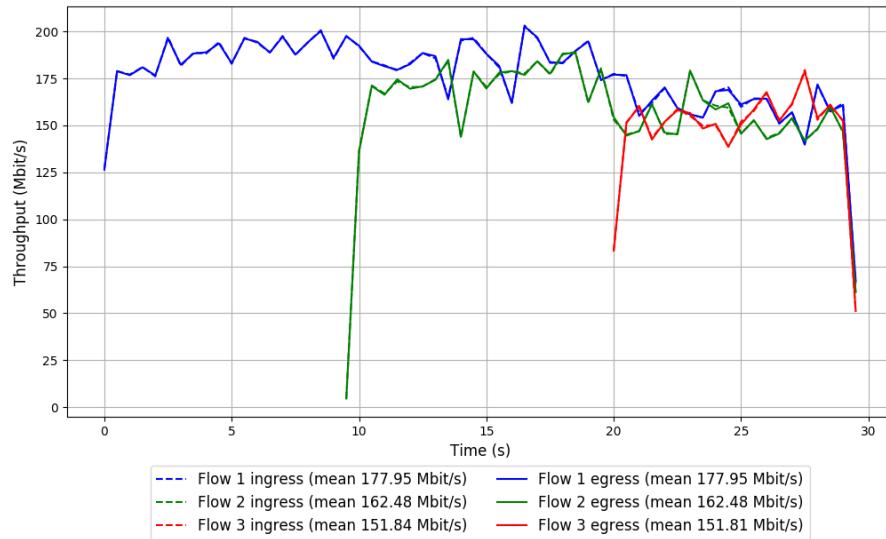


Run 7: Statistics of Indigo

```
Start at: 2017-11-30 22:59:00
End at: 2017-11-30 22:59:30
Local clock offset: -0.065 ms
Remote clock offset: -0.383 ms

# Below is generated by plot.py at 2017-12-01 03:49:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 335.32 Mbit/s
95th percentile per-packet one-way delay: 3.058 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 177.95 Mbit/s
95th percentile per-packet one-way delay: 2.734 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 162.48 Mbit/s
95th percentile per-packet one-way delay: 3.208 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 151.81 Mbit/s
95th percentile per-packet one-way delay: 3.728 ms
Loss rate: 0.00%
```

### Run 7: Report of Indigo — Data Link

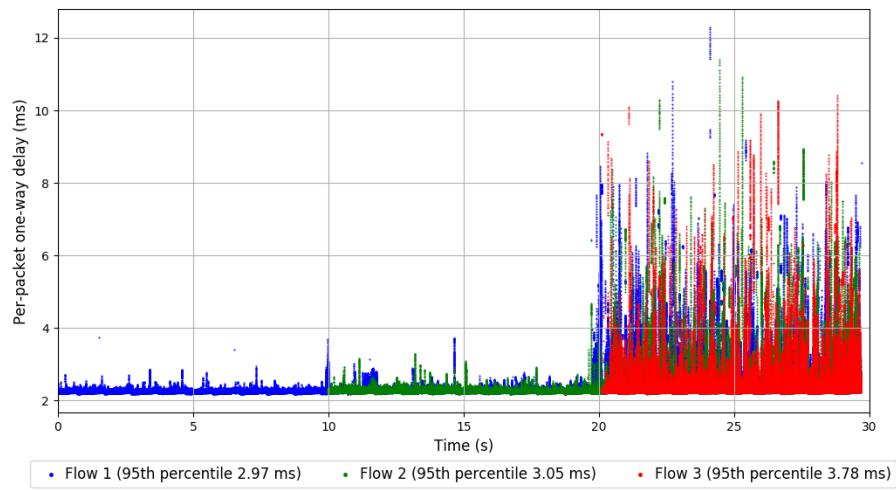
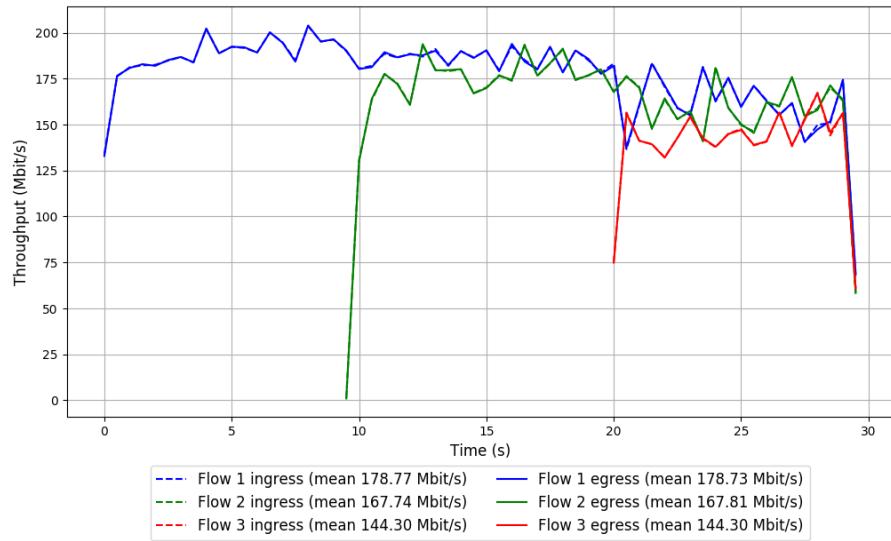


Run 8: Statistics of Indigo

```
Start at: 2017-11-30 23:18:31
End at: 2017-11-30 23:19:01
Local clock offset: -0.154 ms
Remote clock offset: -0.351 ms

# Below is generated by plot.py at 2017-12-01 03:49:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 336.81 Mbit/s
95th percentile per-packet one-way delay: 3.136 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 178.73 Mbit/s
95th percentile per-packet one-way delay: 2.974 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 167.81 Mbit/s
95th percentile per-packet one-way delay: 3.054 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 144.30 Mbit/s
95th percentile per-packet one-way delay: 3.776 ms
Loss rate: 0.00%
```

### Run 8: Report of Indigo — Data Link

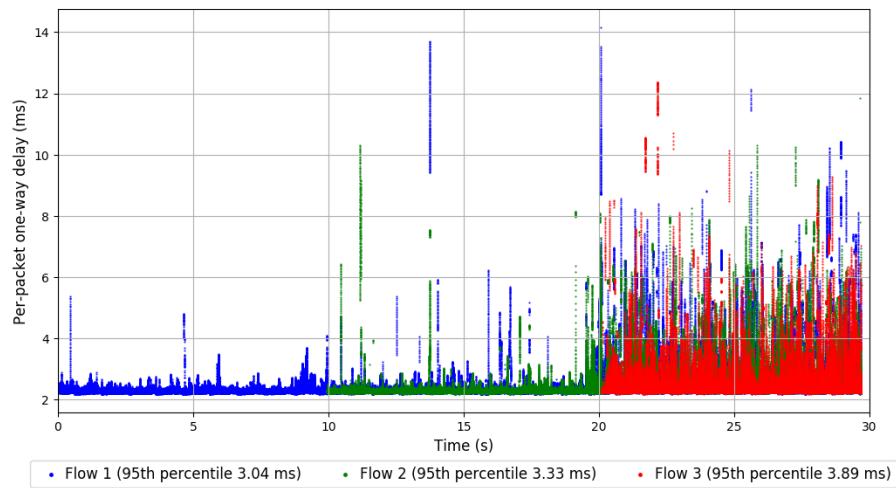
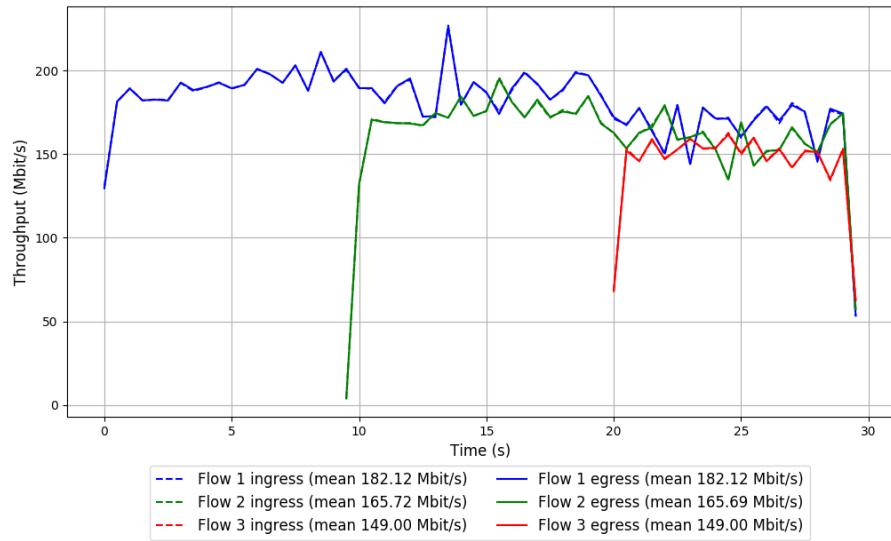


Run 9: Statistics of Indigo

```
Start at: 2017-11-30 23:38:05
End at: 2017-11-30 23:38:35
Local clock offset: -0.179 ms
Remote clock offset: -0.315 ms

# Below is generated by plot.py at 2017-12-01 03:50:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 340.38 Mbit/s
95th percentile per-packet one-way delay: 3.262 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 182.12 Mbit/s
95th percentile per-packet one-way delay: 3.036 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 165.69 Mbit/s
95th percentile per-packet one-way delay: 3.325 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 149.00 Mbit/s
95th percentile per-packet one-way delay: 3.888 ms
Loss rate: 0.00%
```

Run 9: Report of Indigo — Data Link

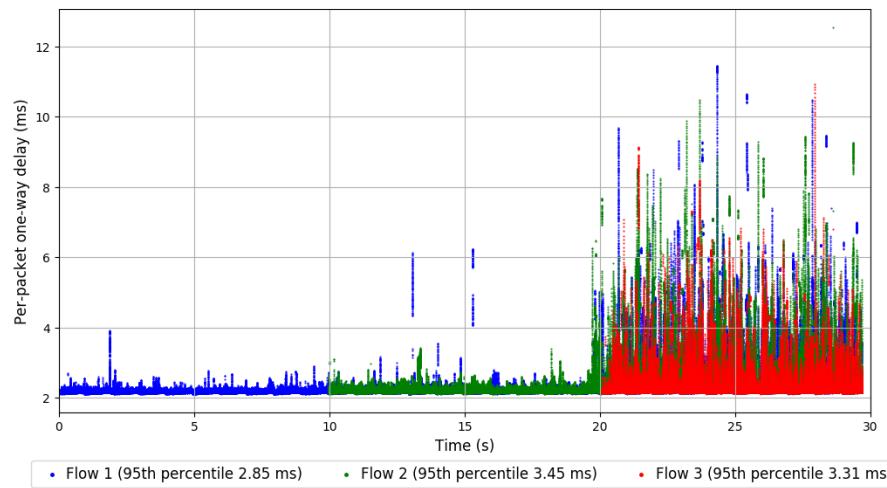
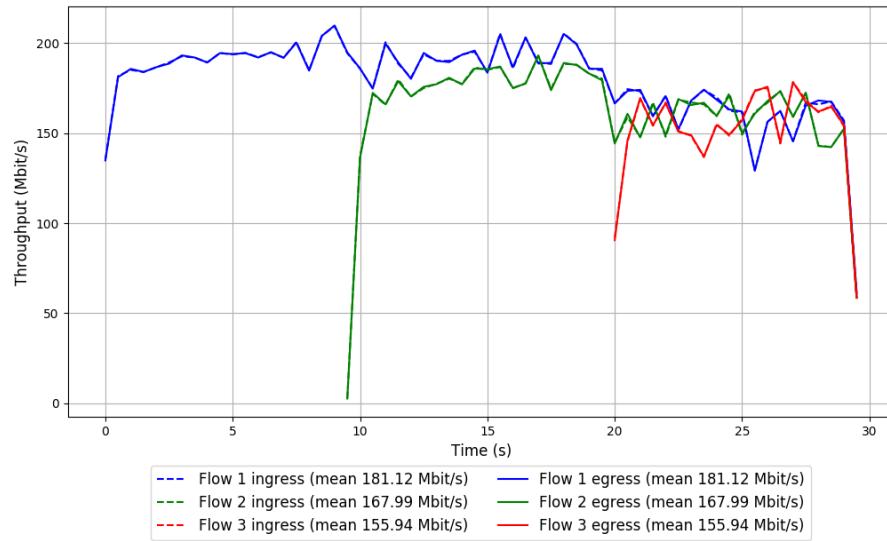


Run 10: Statistics of Indigo

```
Start at: 2017-11-30 23:57:27
End at: 2017-11-30 23:57:57
Local clock offset: -0.133 ms
Remote clock offset: -0.23 ms

# Below is generated by plot.py at 2017-12-01 03:51:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 343.35 Mbit/s
95th percentile per-packet one-way delay: 3.151 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 181.12 Mbit/s
95th percentile per-packet one-way delay: 2.854 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 167.99 Mbit/s
95th percentile per-packet one-way delay: 3.450 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 155.94 Mbit/s
95th percentile per-packet one-way delay: 3.310 ms
Loss rate: 0.00%
```

Run 10: Report of Indigo — Data Link

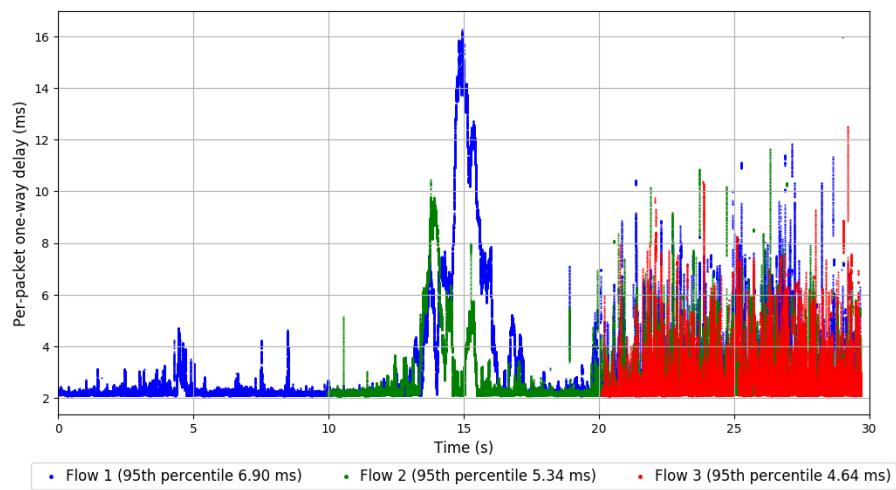
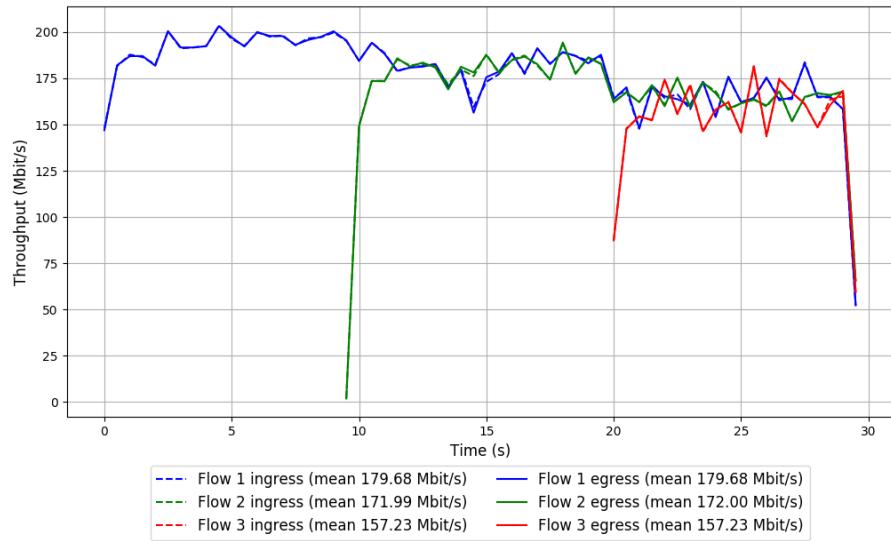


Run 1: Statistics of Indigo-calib

```
Start at: 2017-11-30 21:08:09
End at: 2017-11-30 21:08:39
Local clock offset: 0.367 ms
Remote clock offset: 0.027 ms

# Below is generated by plot.py at 2017-12-01 03:52:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 344.82 Mbit/s
95th percentile per-packet one-way delay: 6.050 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 179.68 Mbit/s
95th percentile per-packet one-way delay: 6.904 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 172.00 Mbit/s
95th percentile per-packet one-way delay: 5.341 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 157.23 Mbit/s
95th percentile per-packet one-way delay: 4.638 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo-calib — Data Link

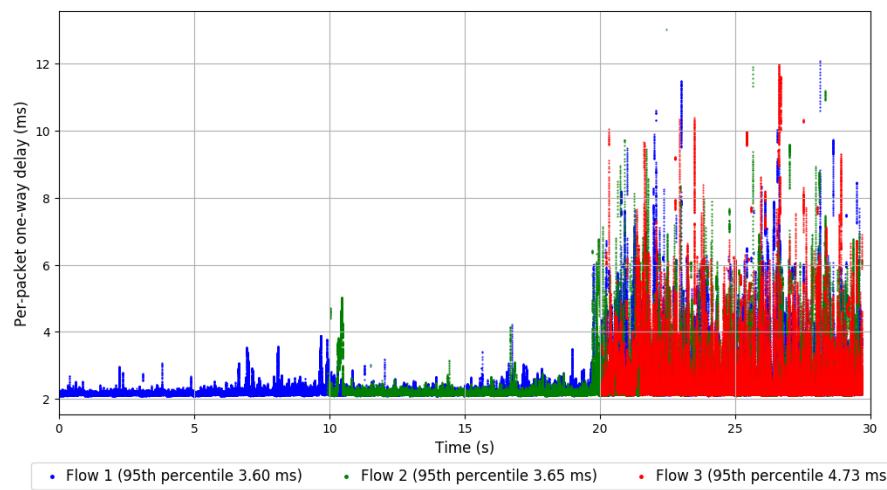
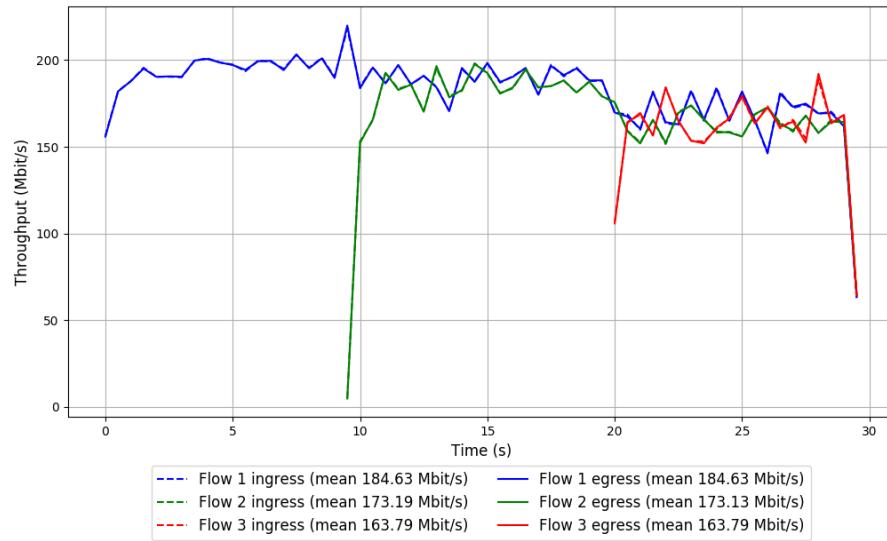


Run 2: Statistics of Indigo-calib

```
Start at: 2017-11-30 21:27:37
End at: 2017-11-30 21:28:07
Local clock offset: 0.268 ms
Remote clock offset: -0.013 ms

# Below is generated by plot.py at 2017-12-01 03:53:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 353.01 Mbit/s
95th percentile per-packet one-way delay: 3.830 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 184.63 Mbit/s
95th percentile per-packet one-way delay: 3.600 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 173.13 Mbit/s
95th percentile per-packet one-way delay: 3.647 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 163.79 Mbit/s
95th percentile per-packet one-way delay: 4.730 ms
Loss rate: 0.00%
```

Run 2: Report of Indigo-calib — Data Link

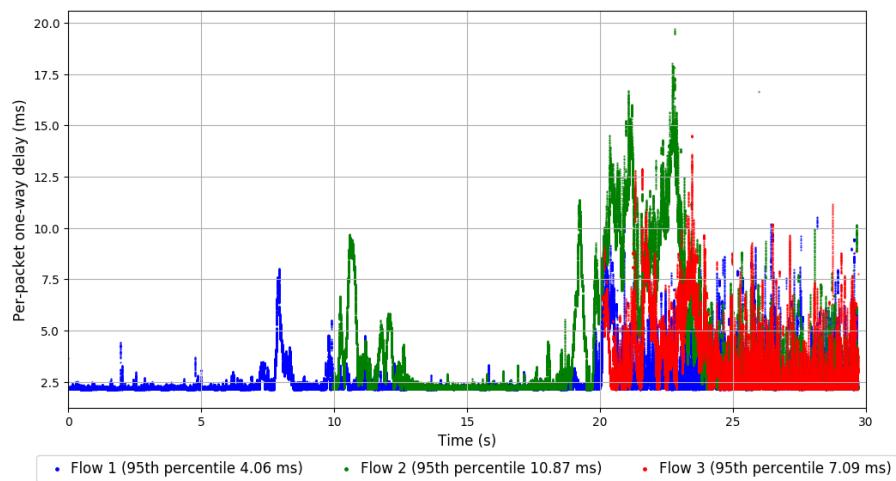
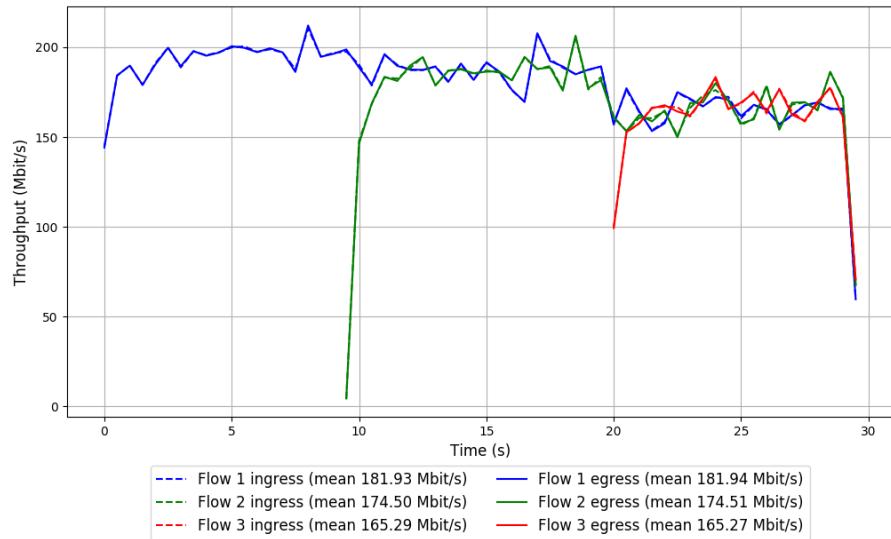


Run 3: Statistics of Indigo-calib

```
Start at: 2017-11-30 21:46:50
End at: 2017-11-30 21:47:20
Local clock offset: 0.174 ms
Remote clock offset: -0.094 ms

# Below is generated by plot.py at 2017-12-01 03:53:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 351.41 Mbit/s
95th percentile per-packet one-way delay: 7.797 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 181.94 Mbit/s
95th percentile per-packet one-way delay: 4.056 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 174.51 Mbit/s
95th percentile per-packet one-way delay: 10.874 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 165.27 Mbit/s
95th percentile per-packet one-way delay: 7.093 ms
Loss rate: 0.01%
```

Run 3: Report of Indigo-calib — Data Link

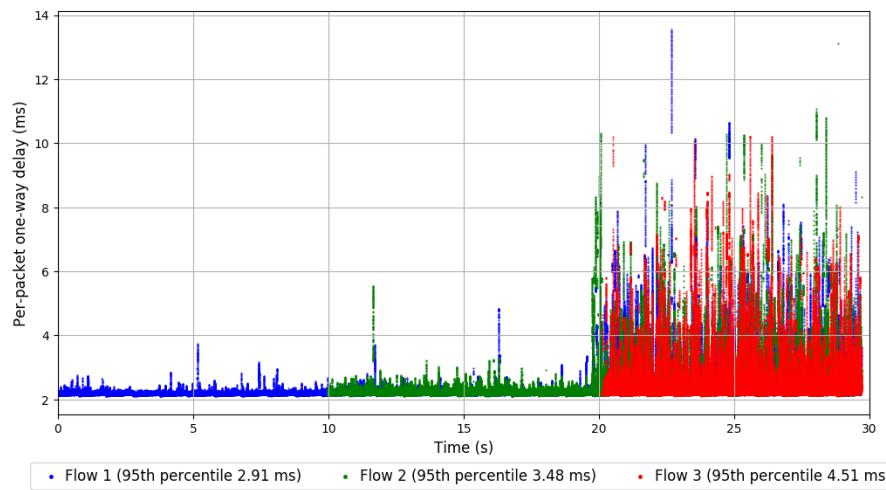
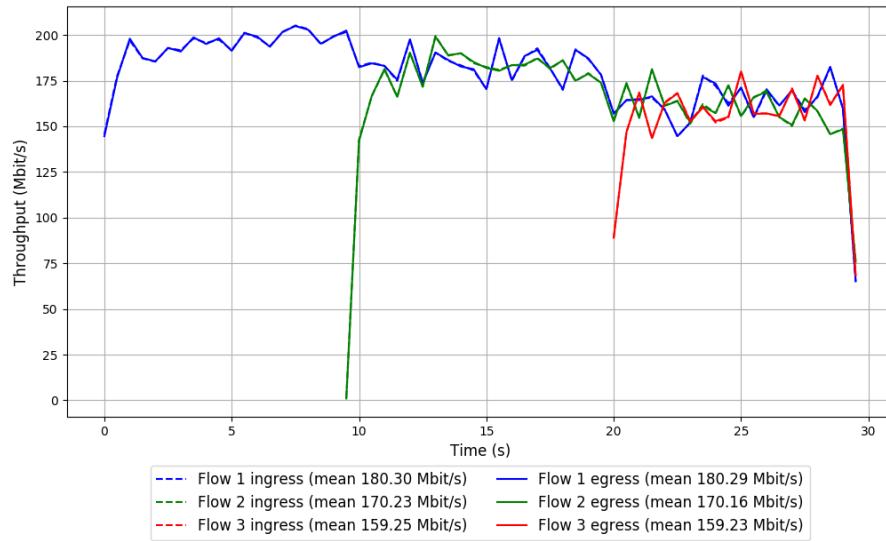


Run 4: Statistics of Indigo-calib

```
Start at: 2017-11-30 22:06:08
End at: 2017-11-30 22:06:38
Local clock offset: 0.16 ms
Remote clock offset: -0.188 ms

# Below is generated by plot.py at 2017-12-01 03:54:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 344.70 Mbit/s
95th percentile per-packet one-way delay: 3.401 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 180.29 Mbit/s
95th percentile per-packet one-way delay: 2.909 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 170.16 Mbit/s
95th percentile per-packet one-way delay: 3.484 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 159.23 Mbit/s
95th percentile per-packet one-way delay: 4.514 ms
Loss rate: 0.00%
```

Run 4: Report of Indigo-calib — Data Link

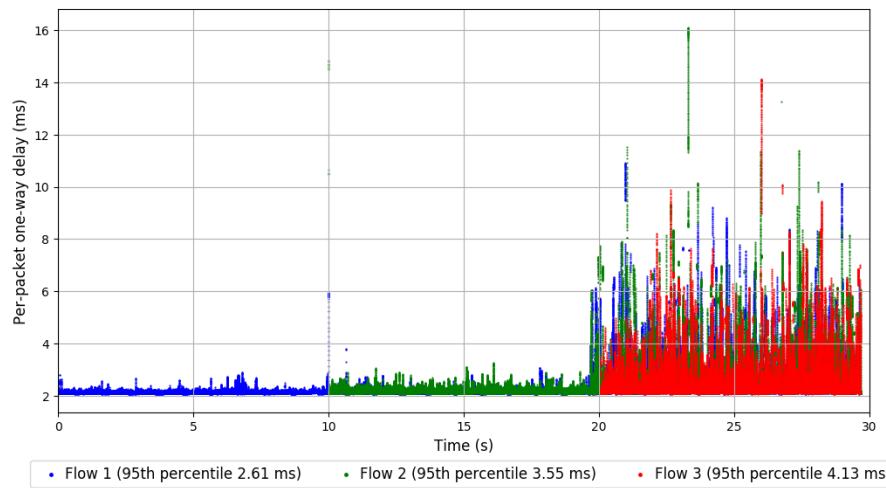
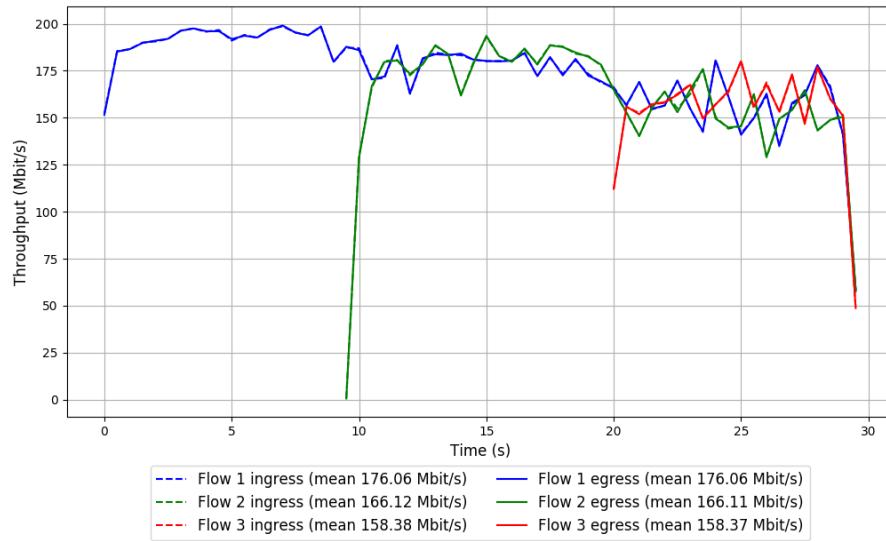


Run 5: Statistics of Indigo-calib

```
Start at: 2017-11-30 22:25:52
End at: 2017-11-30 22:26:22
Local clock offset: 0.046 ms
Remote clock offset: -0.296 ms

# Below is generated by plot.py at 2017-12-01 03:54:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 337.63 Mbit/s
95th percentile per-packet one-way delay: 3.257 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 176.06 Mbit/s
95th percentile per-packet one-way delay: 2.614 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 166.11 Mbit/s
95th percentile per-packet one-way delay: 3.549 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 158.37 Mbit/s
95th percentile per-packet one-way delay: 4.131 ms
Loss rate: 0.02%
```

Run 5: Report of Indigo-calib — Data Link

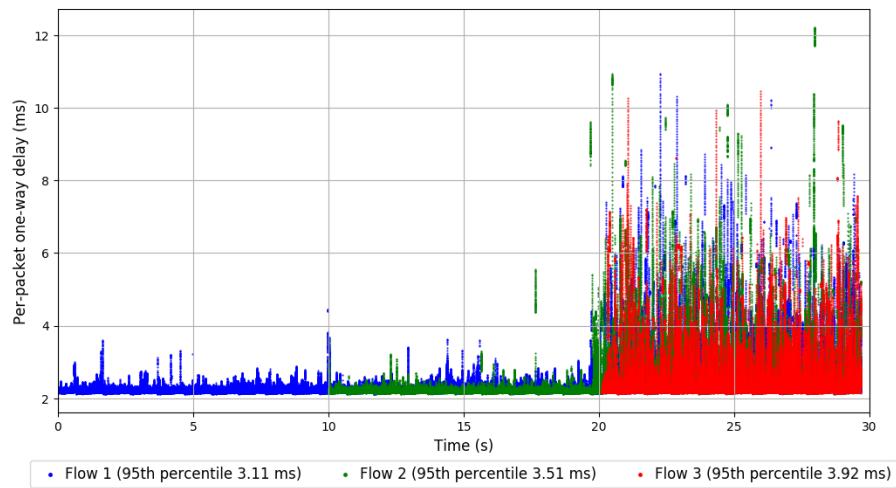
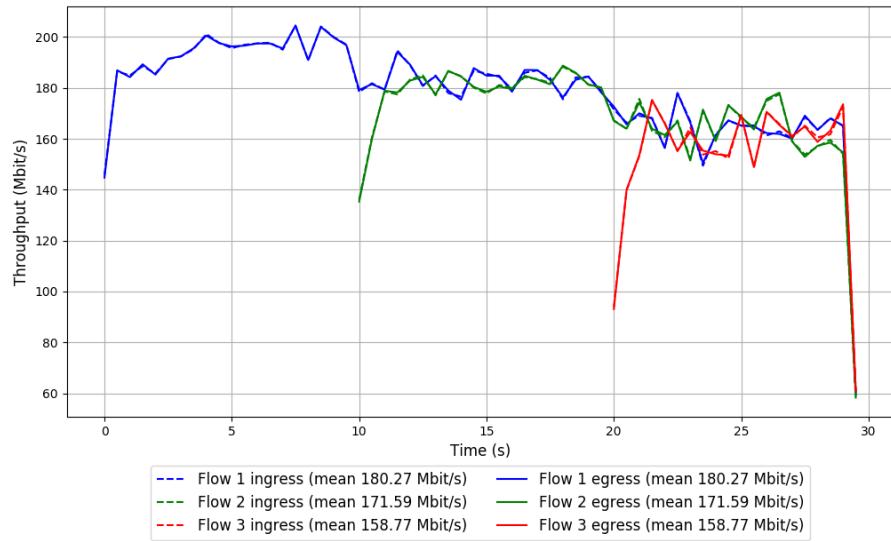


Run 6: Statistics of Indigo-calib

```
Start at: 2017-11-30 22:45:14
End at: 2017-11-30 22:45:44
Local clock offset: -0.034 ms
Remote clock offset: -0.321 ms

# Below is generated by plot.py at 2017-12-01 03:54:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 345.33 Mbit/s
95th percentile per-packet one-way delay: 3.392 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 180.27 Mbit/s
95th percentile per-packet one-way delay: 3.108 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 171.59 Mbit/s
95th percentile per-packet one-way delay: 3.513 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 158.77 Mbit/s
95th percentile per-packet one-way delay: 3.915 ms
Loss rate: 0.00%
```

Run 6: Report of Indigo-calib — Data Link

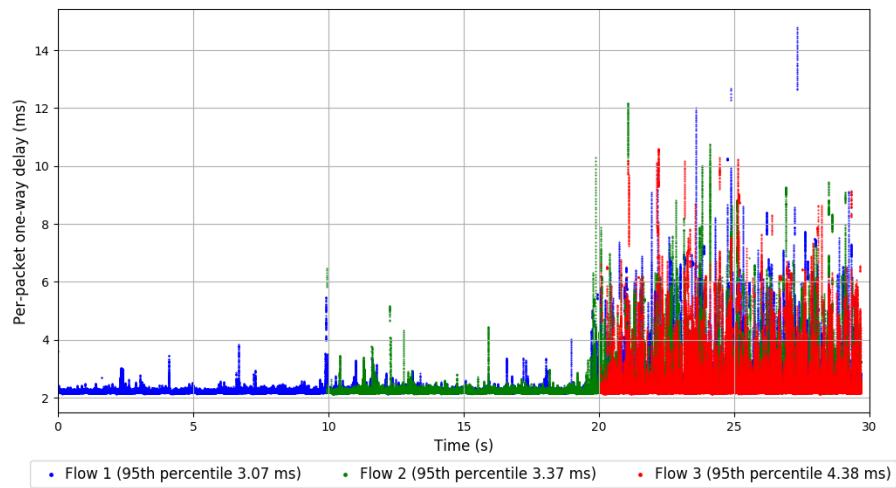
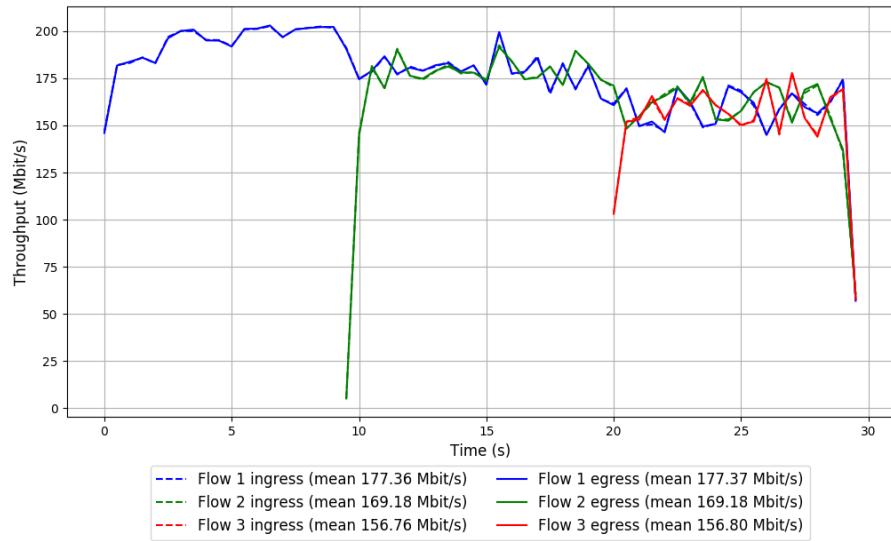


Run 7: Statistics of Indigo-calib

```
Start at: 2017-11-30 23:04:25
End at: 2017-11-30 23:04:55
Local clock offset: -0.169 ms
Remote clock offset: -0.43 ms

# Below is generated by plot.py at 2017-12-01 03:55:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 340.92 Mbit/s
95th percentile per-packet one-way delay: 3.456 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 177.37 Mbit/s
95th percentile per-packet one-way delay: 3.068 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 169.18 Mbit/s
95th percentile per-packet one-way delay: 3.374 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 156.80 Mbit/s
95th percentile per-packet one-way delay: 4.382 ms
Loss rate: 0.00%
```

Run 7: Report of Indigo-calib — Data Link

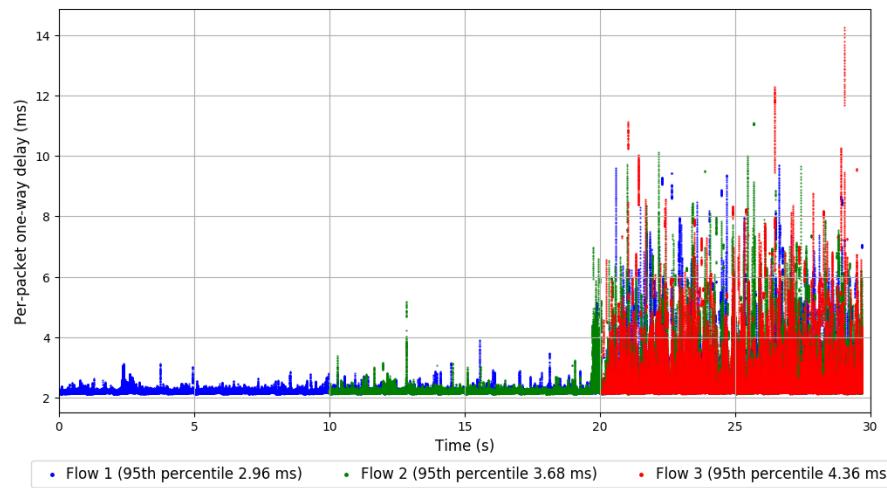
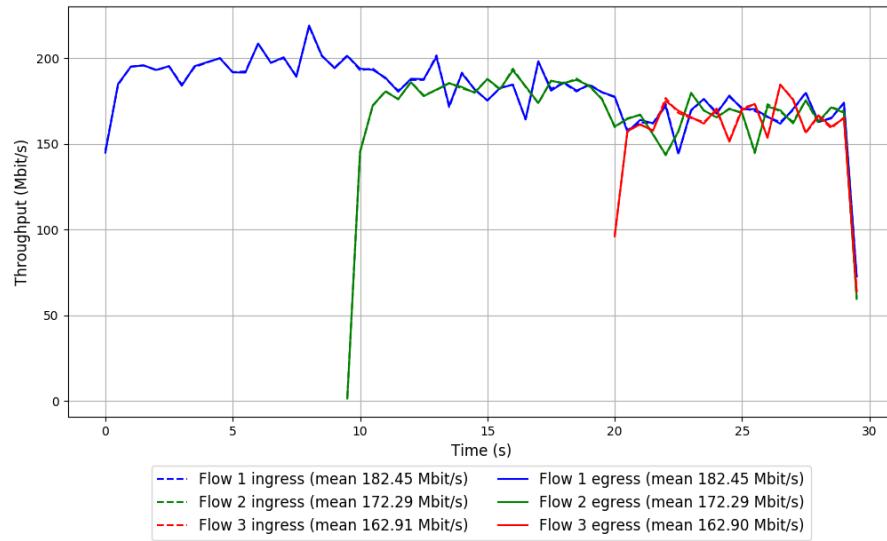


Run 8: Statistics of Indigo-calib

```
Start at: 2017-11-30 23:23:57
End at: 2017-11-30 23:24:27
Local clock offset: -0.122 ms
Remote clock offset: -0.365 ms

# Below is generated by plot.py at 2017-12-01 03:55:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 349.68 Mbit/s
95th percentile per-packet one-way delay: 3.527 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 182.45 Mbit/s
95th percentile per-packet one-way delay: 2.960 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 172.29 Mbit/s
95th percentile per-packet one-way delay: 3.683 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 162.90 Mbit/s
95th percentile per-packet one-way delay: 4.359 ms
Loss rate: 0.00%
```

Run 8: Report of Indigo-calib — Data Link

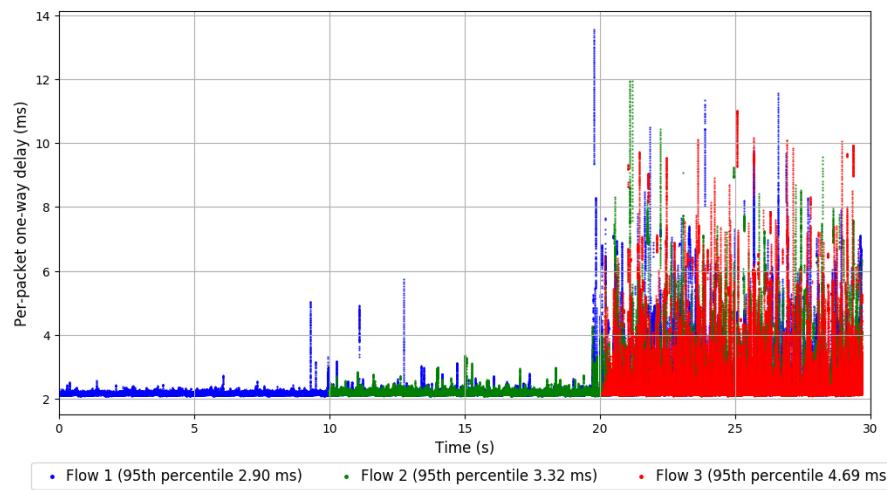
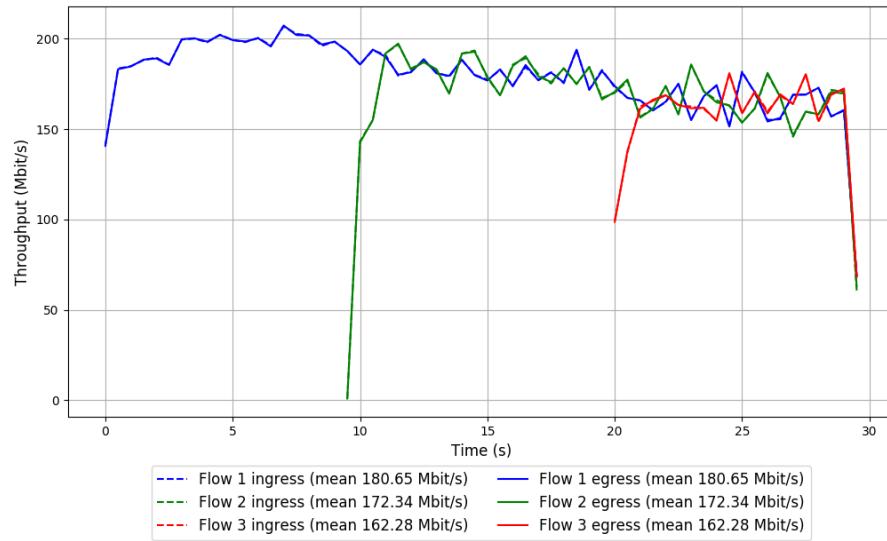


Run 9: Statistics of Indigo-calib

```
Start at: 2017-11-30 23:43:28
End at: 2017-11-30 23:43:58
Local clock offset: -0.105 ms
Remote clock offset: -0.306 ms

# Below is generated by plot.py at 2017-12-01 03:55:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 347.58 Mbit/s
95th percentile per-packet one-way delay: 3.425 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 180.65 Mbit/s
95th percentile per-packet one-way delay: 2.895 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 172.34 Mbit/s
95th percentile per-packet one-way delay: 3.323 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 162.28 Mbit/s
95th percentile per-packet one-way delay: 4.694 ms
Loss rate: 0.00%
```

Run 9: Report of Indigo-calib — Data Link



Run 10: Statistics of Indigo-calib

```
Start at: 2017-12-01 00:02:51
End at: 2017-12-01 00:03:21
Local clock offset: -0.109 ms
Remote clock offset: -0.22 ms

# Below is generated by plot.py at 2017-12-01 03:55:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 340.11 Mbit/s
95th percentile per-packet one-way delay: 3.415 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 176.83 Mbit/s
95th percentile per-packet one-way delay: 2.985 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 168.93 Mbit/s
95th percentile per-packet one-way delay: 3.367 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 157.84 Mbit/s
95th percentile per-packet one-way delay: 4.273 ms
Loss rate: 0.00%
```

Run 10: Report of Indigo-calib — Data Link

