

Pantheon Report

Generated at 2017-11-16 14:07:21 (UTC).

Data path: Mexico Ethernet (*remote*) → AWS California 2 Ethernet (*local*).

Repeated the test of 14 congestion control schemes 10 times.

Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.

Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

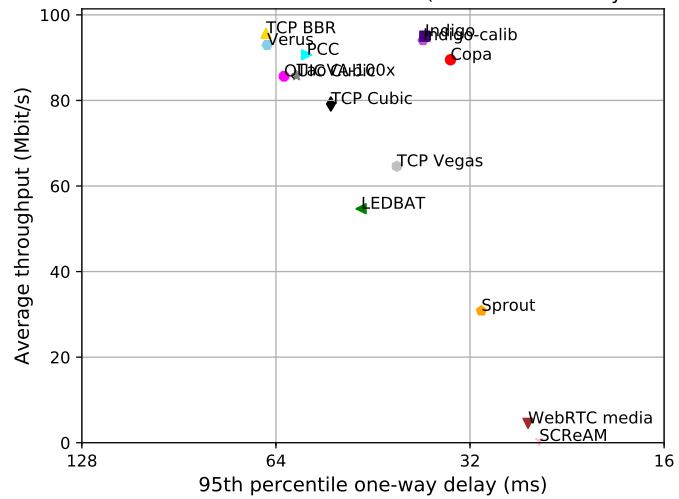
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

NTP offsets were measured against `time.stanford.edu` and have been applied to correct the timestamps in logs.

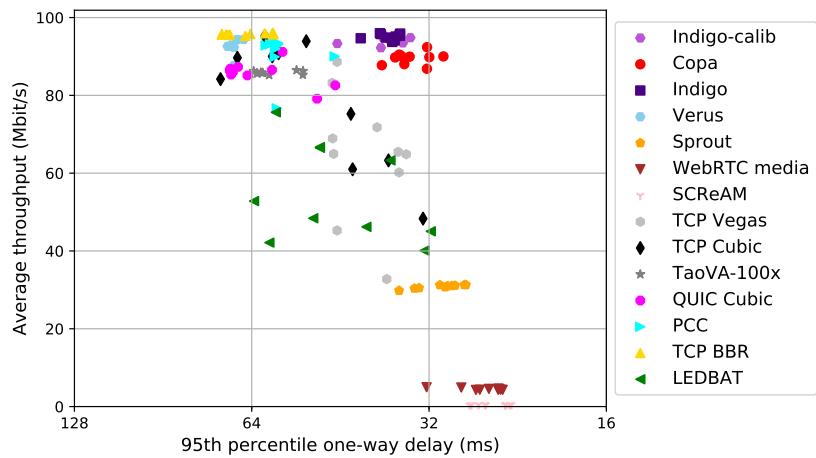
Git summary:

```
branch: indigos @ f54f2953f2a9765c9ffa988d13de5a9471790eb0
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ f7ca42f251bf49b432bb71de6d13fa903515c366
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
third_party/indigo-cellular @ aee99e8eb842cb053f8c9a80e28cd256a930bbc2
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/indigo-no-cwnd @ 3e58442c04028a11d7b02456e137604633ba2d6c
third_party/indigo-no-delivery-rate @ 57caa40858b964906edff4876d5a7e5bfff666c5
third_party/indigo-no-queuing-delay @ 03455460fd1a8ffbdad86fab936fdca204b80db
third_party/indigo-no-send-rate @ b39dfa6b2c5f19cb7cd89626cb4f5bb81f9fecda
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeeb30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

test from Mexico Ethernet to AWS California 2 Ethernet, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows (mean of all runs by scheme)



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



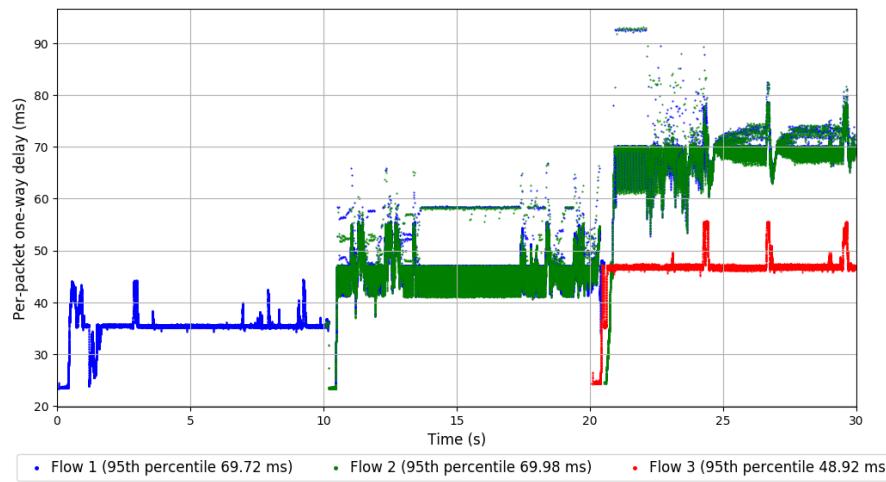
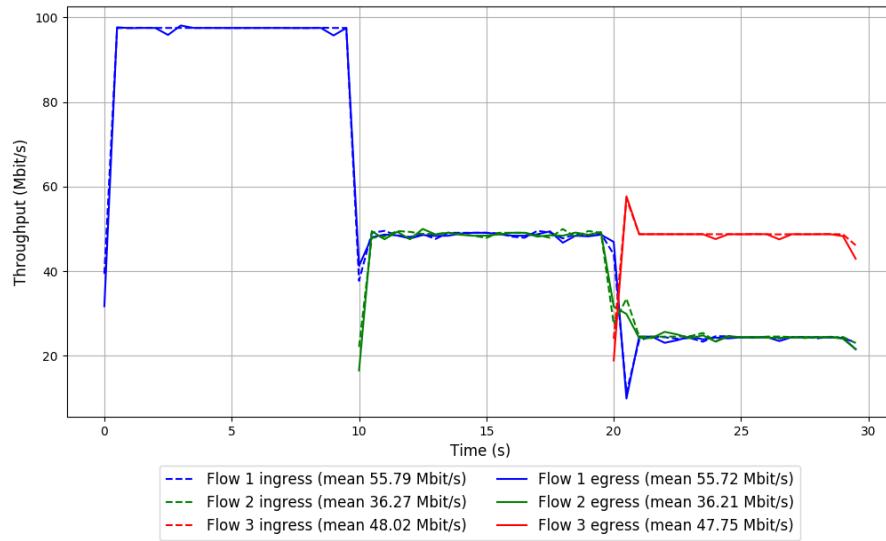
| scheme | # runs | mean avg tput (Mbit/s) | | | mean 95th-%ile delay (ms) | | | mean loss rate (%) | | |
|--------------|--------|------------------------|--------|--------|---------------------------|--------|--------|--------------------|--------|--------|
| | | flow 1 | flow 2 | flow 3 | flow 1 | flow 2 | flow 3 | flow 1 | flow 2 | flow 3 |
| TCP BBR | 10 | 58.52 | 39.22 | 33.39 | 61.62 | 64.76 | 65.26 | 0.35 | 0.49 | 1.08 |
| TCP Cubic | 10 | 43.05 | 36.93 | 34.74 | 43.85 | 51.27 | 55.88 | 0.28 | 0.39 | 0.85 |
| LEDBAT | 10 | 31.28 | 26.10 | 18.23 | 43.21 | 50.01 | 42.15 | 0.31 | 0.37 | 0.86 |
| PCC | 10 | 57.35 | 37.31 | 25.87 | 56.72 | 54.06 | 60.53 | 0.32 | 0.55 | 0.97 |
| QUIC Cubic | 10 | 52.57 | 34.56 | 30.89 | 55.13 | 61.84 | 61.24 | 0.30 | 0.46 | 0.94 |
| SCReAM | 10 | 0.21 | 0.21 | 0.22 | 25.02 | 25.09 | 24.44 | 0.20 | 0.35 | 0.49 |
| WebRTC media | 10 | 2.39 | 1.52 | 0.61 | 25.84 | 26.00 | 26.73 | 0.30 | 0.40 | 0.95 |
| Sprout | 10 | 15.66 | 15.46 | 14.84 | 30.09 | 30.68 | 32.01 | 0.25 | 0.37 | 0.71 |
| TaoVA-100x | 10 | 52.18 | 39.89 | 28.28 | 52.08 | 56.80 | 60.60 | 0.34 | 0.49 | 1.28 |
| TCP Vegas | 10 | 32.48 | 30.87 | 34.90 | 37.92 | 38.02 | 47.41 | 0.30 | 0.33 | 0.51 |
| Verus | 10 | 56.80 | 39.99 | 29.05 | 60.91 | 61.54 | 65.02 | 0.33 | 0.53 | 0.86 |
| Copa | 10 | 57.15 | 37.88 | 28.37 | 33.50 | 35.40 | 39.16 | 0.24 | 0.37 | 0.86 |
| Indigo | 10 | 60.54 | 37.59 | 29.35 | 38.42 | 39.16 | 39.18 | 0.24 | 0.33 | 0.70 |
| Indigo-calib | 10 | 59.34 | 41.31 | 22.62 | 36.25 | 41.73 | 46.99 | 0.26 | 0.38 | 0.78 |

Run 1: Statistics of TCP BBR

```
Start at: 2017-11-16 07:25:19
End at: 2017-11-16 07:25:49
Local clock offset: 0.474 ms
Remote clock offset: -0.481 ms

# Below is generated by plot.py at 2017-11-16 13:47:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.61 Mbit/s
95th percentile per-packet one-way delay: 69.734 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 55.72 Mbit/s
95th percentile per-packet one-way delay: 69.720 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 36.21 Mbit/s
95th percentile per-packet one-way delay: 69.976 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 47.75 Mbit/s
95th percentile per-packet one-way delay: 48.921 ms
Loss rate: 1.11%
```

Run 1: Report of TCP BBR — Data Link

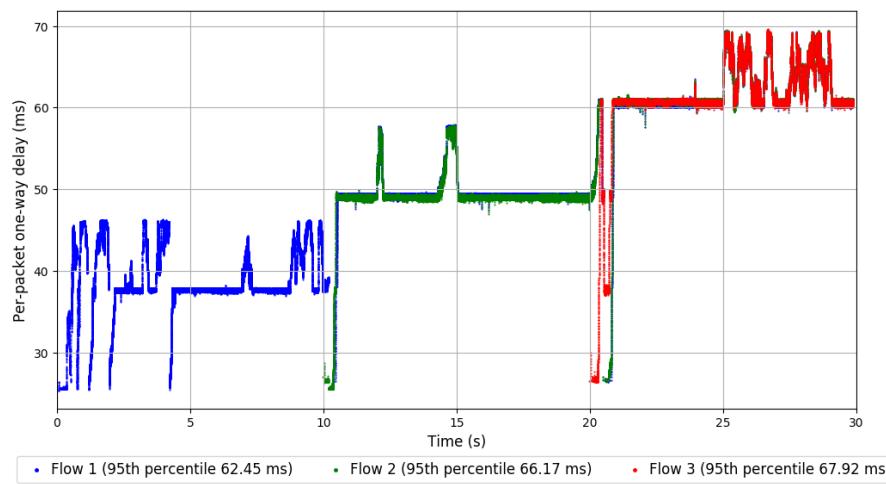
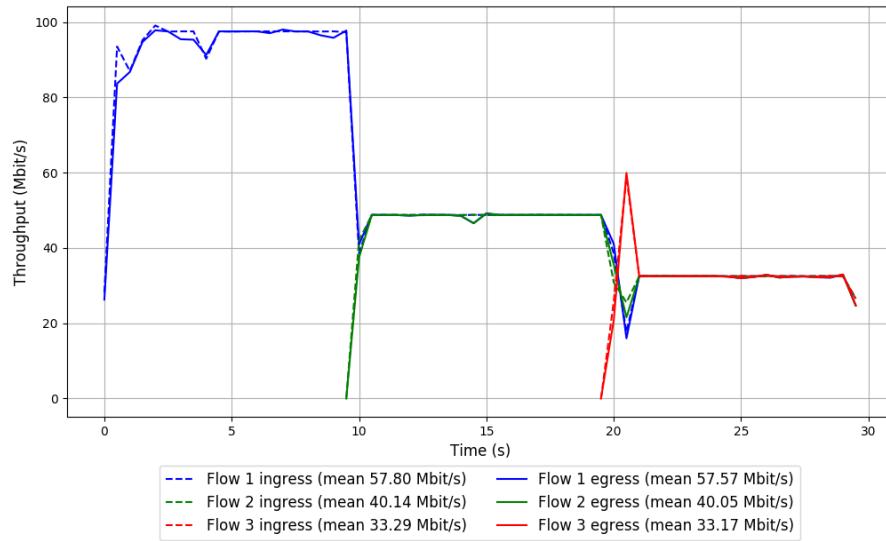


Run 2: Statistics of TCP BBR

```
Start at: 2017-11-16 07:44:37
End at: 2017-11-16 07:45:07
Local clock offset: 1.106 ms
Remote clock offset: -2.213 ms

# Below is generated by plot.py at 2017-11-16 13:47:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.29 Mbit/s
95th percentile per-packet one-way delay: 65.637 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 57.57 Mbit/s
95th percentile per-packet one-way delay: 62.451 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 40.05 Mbit/s
95th percentile per-packet one-way delay: 66.174 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 33.17 Mbit/s
95th percentile per-packet one-way delay: 67.916 ms
Loss rate: 1.04%
```

Run 2: Report of TCP BBR — Data Link

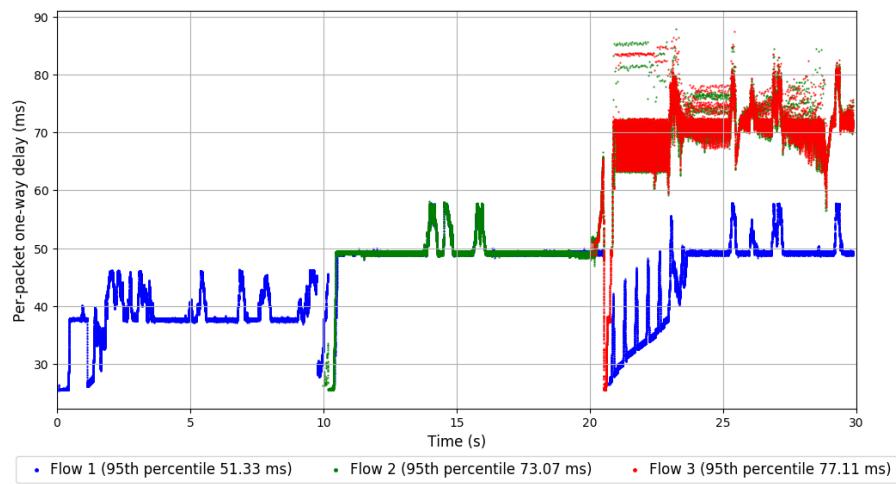
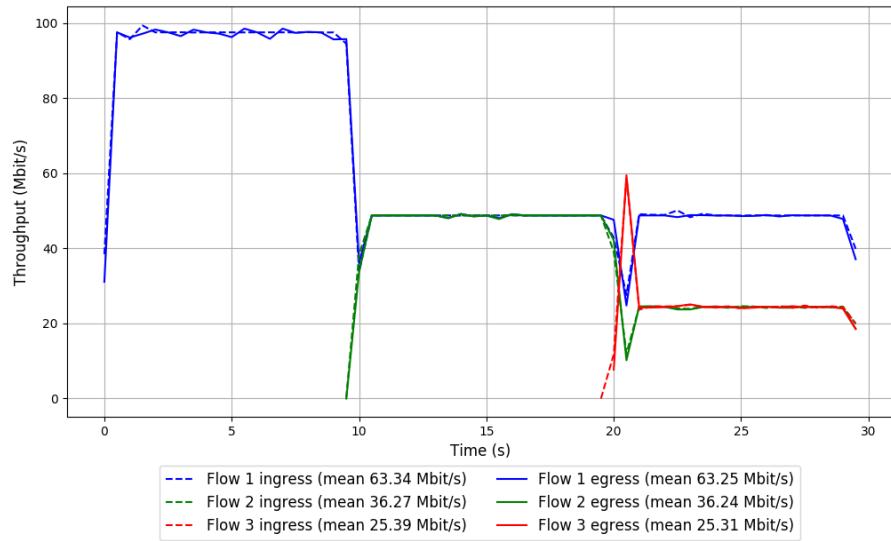


Run 3: Statistics of TCP BBR

```
Start at: 2017-11-16 08:04:00
End at: 2017-11-16 08:04:30
Local clock offset: 1.675 ms
Remote clock offset: -1.315 ms

# Below is generated by plot.py at 2017-11-16 13:47:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.79 Mbit/s
95th percentile per-packet one-way delay: 71.915 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 63.25 Mbit/s
95th percentile per-packet one-way delay: 51.327 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 36.24 Mbit/s
95th percentile per-packet one-way delay: 73.066 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 25.31 Mbit/s
95th percentile per-packet one-way delay: 77.106 ms
Loss rate: 1.10%
```

Run 3: Report of TCP BBR — Data Link

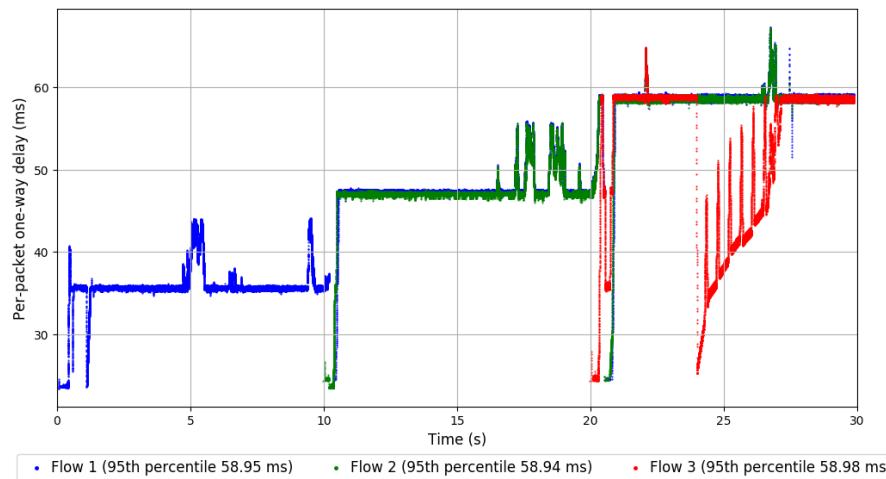
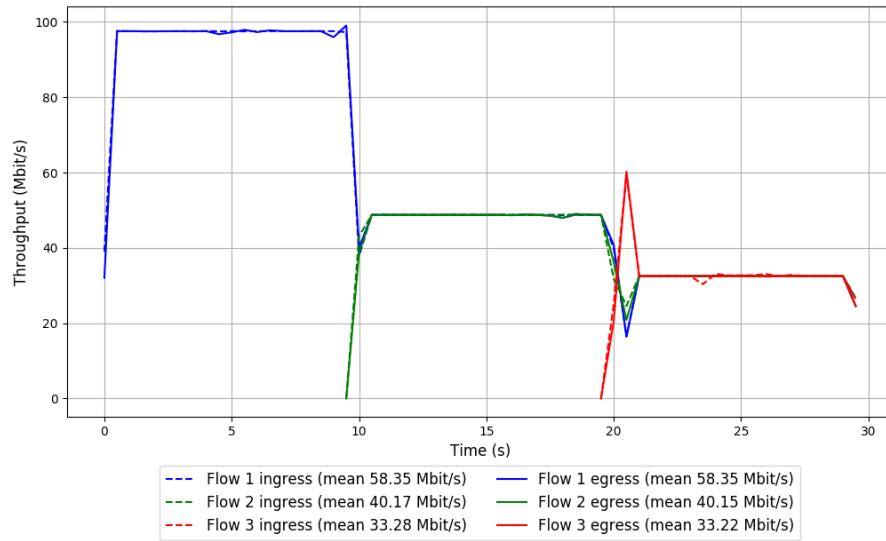


Run 4: Statistics of TCP BBR

```
Start at: 2017-11-16 08:23:10
End at: 2017-11-16 08:23:40
Local clock offset: 2.14 ms
Remote clock offset: 1.45 ms

# Below is generated by plot.py at 2017-11-16 13:47:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.15 Mbit/s
95th percentile per-packet one-way delay: 58.964 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 58.35 Mbit/s
95th percentile per-packet one-way delay: 58.948 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 40.15 Mbit/s
95th percentile per-packet one-way delay: 58.938 ms
Loss rate: 0.41%
-- Flow 3:
Average throughput: 33.22 Mbit/s
95th percentile per-packet one-way delay: 58.984 ms
Loss rate: 0.88%
```

Run 4: Report of TCP BBR — Data Link

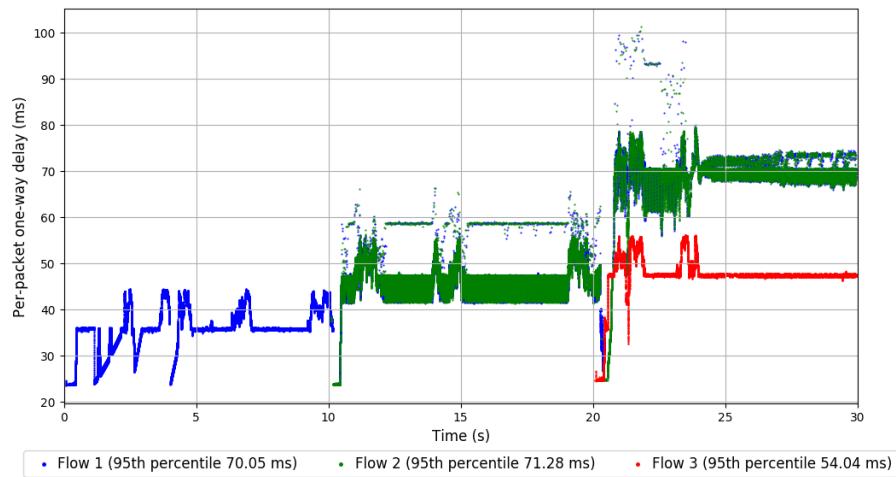
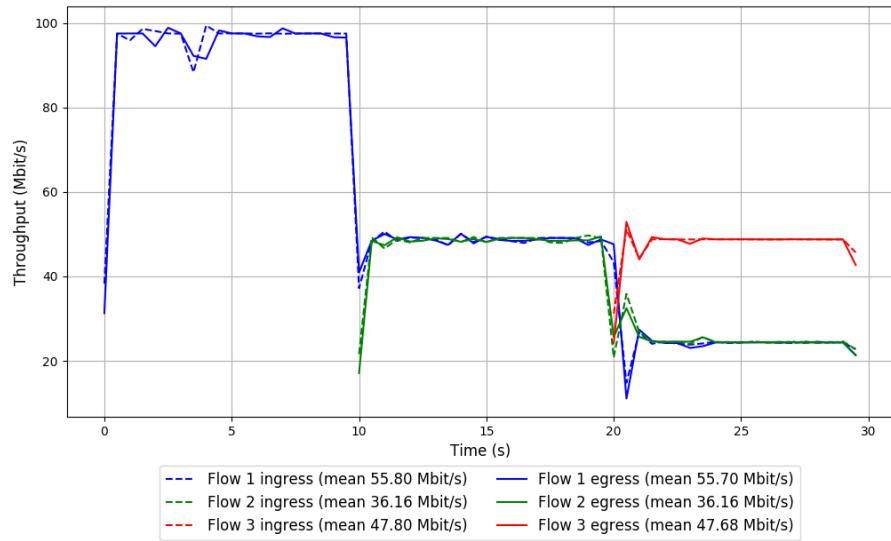


Run 5: Statistics of TCP BBR

```
Start at: 2017-11-16 08:42:24
End at: 2017-11-16 08:42:54
Local clock offset: 2.634 ms
Remote clock offset: 1.792 ms

# Below is generated by plot.py at 2017-11-16 13:47:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.52 Mbit/s
95th percentile per-packet one-way delay: 70.248 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 55.70 Mbit/s
95th percentile per-packet one-way delay: 70.047 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 36.16 Mbit/s
95th percentile per-packet one-way delay: 71.275 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 47.68 Mbit/s
95th percentile per-packet one-way delay: 54.040 ms
Loss rate: 0.91%
```

Run 5: Report of TCP BBR — Data Link

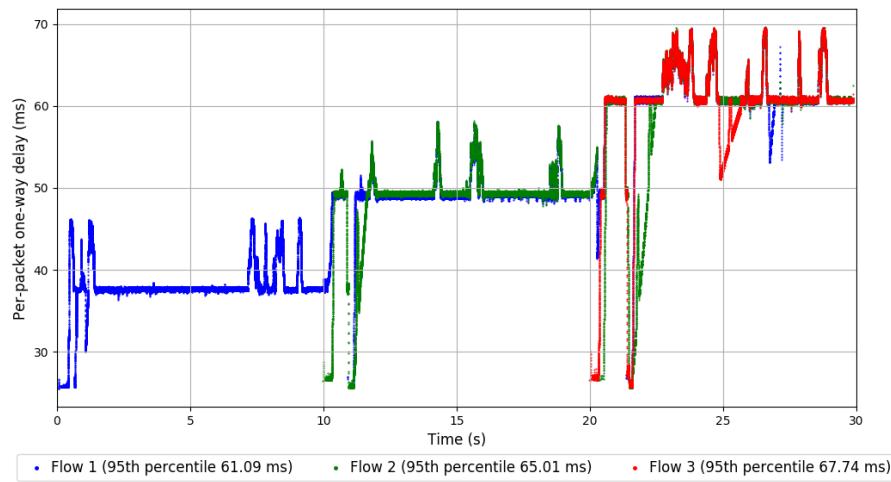
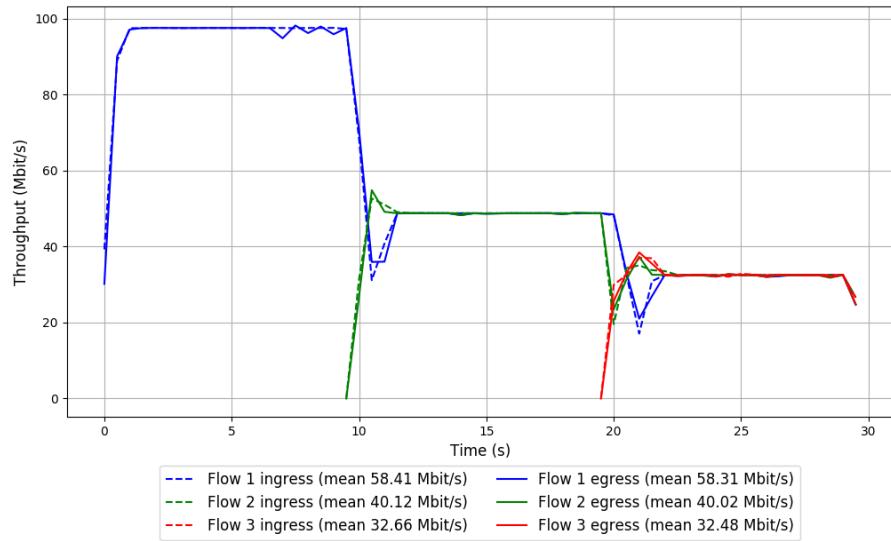


Run 6: Statistics of TCP BBR

```
Start at: 2017-11-16 09:01:45
End at: 2017-11-16 09:02:15
Local clock offset: 2.169 ms
Remote clock offset: -0.264 ms

# Below is generated by plot.py at 2017-11-16 13:47:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.78 Mbit/s
95th percentile per-packet one-way delay: 64.373 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 58.31 Mbit/s
95th percentile per-packet one-way delay: 61.087 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 40.02 Mbit/s
95th percentile per-packet one-way delay: 65.007 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 32.48 Mbit/s
95th percentile per-packet one-way delay: 67.736 ms
Loss rate: 1.10%
```

Run 6: Report of TCP BBR — Data Link

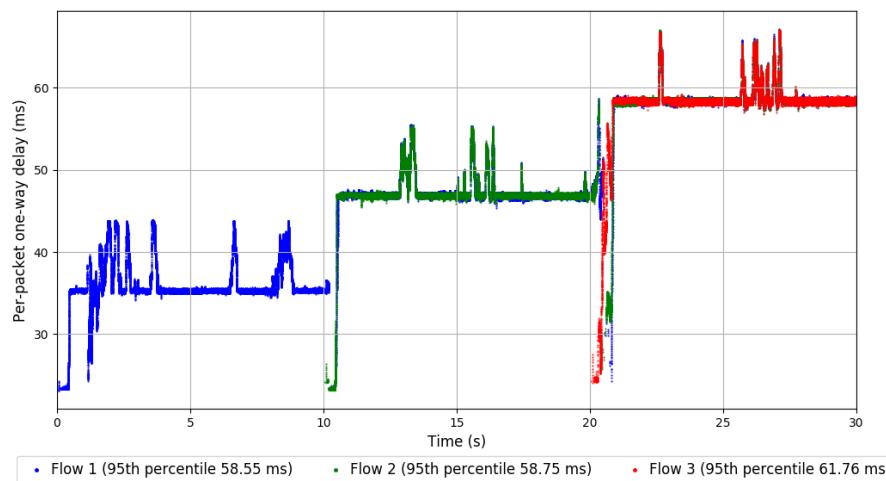
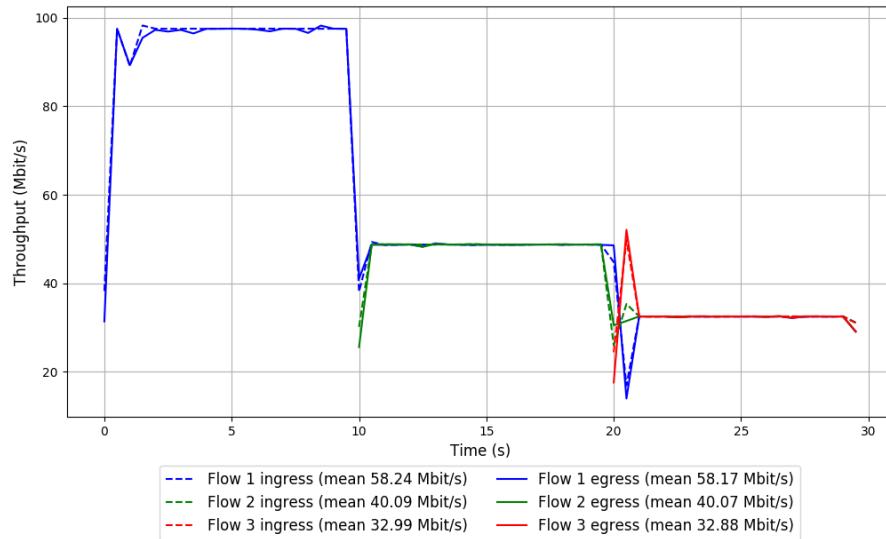


Run 7: Statistics of TCP BBR

```
Start at: 2017-11-16 09:20:53
End at: 2017-11-16 09:21:23
Local clock offset: 1.94 ms
Remote clock offset: 1.667 ms

# Below is generated by plot.py at 2017-11-16 13:47:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.71 Mbit/s
95th percentile per-packet one-way delay: 58.737 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 58.17 Mbit/s
95th percentile per-packet one-way delay: 58.553 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 40.07 Mbit/s
95th percentile per-packet one-way delay: 58.749 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 32.88 Mbit/s
95th percentile per-packet one-way delay: 61.761 ms
Loss rate: 1.05%
```

Run 7: Report of TCP BBR — Data Link

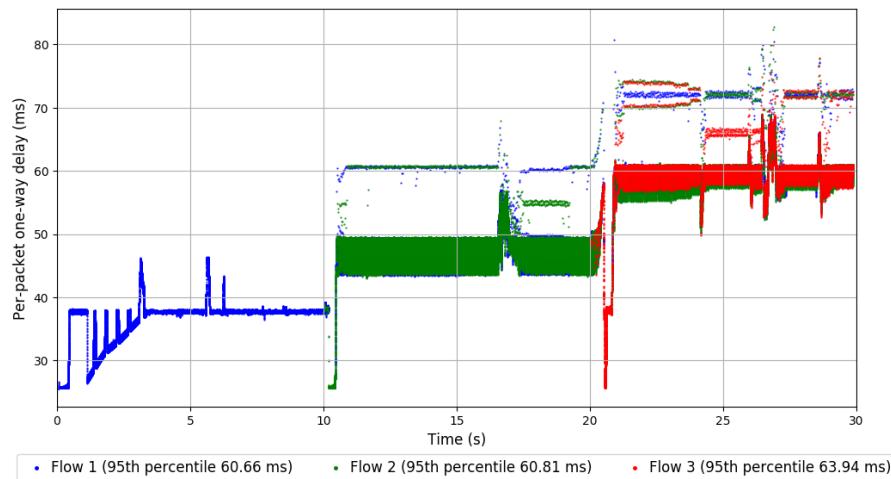
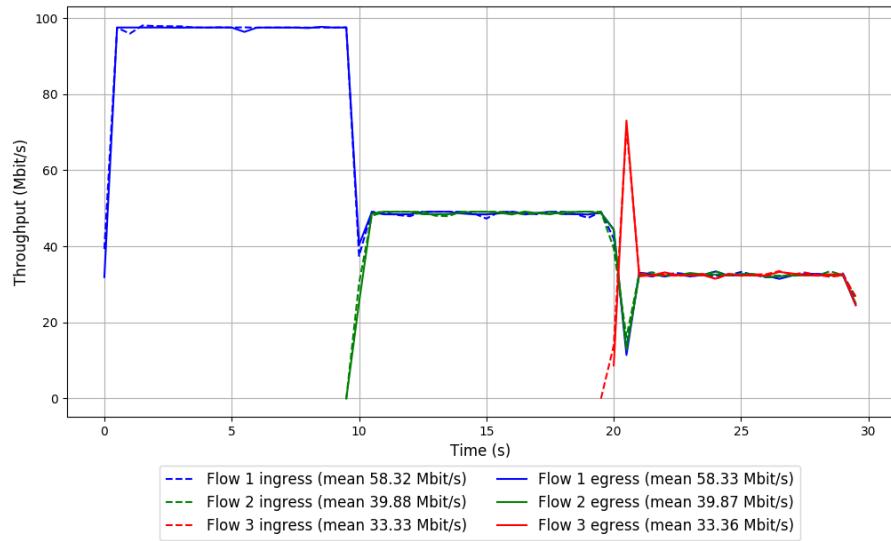


Run 8: Statistics of TCP BBR

```
Start at: 2017-11-16 09:39:59
End at: 2017-11-16 09:40:29
Local clock offset: 1.661 ms
Remote clock offset: -1.022 ms

# Below is generated by plot.py at 2017-11-16 13:47:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.93 Mbit/s
95th percentile per-packet one-way delay: 60.775 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 58.33 Mbit/s
95th percentile per-packet one-way delay: 60.659 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 39.87 Mbit/s
95th percentile per-packet one-way delay: 60.814 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 33.36 Mbit/s
95th percentile per-packet one-way delay: 63.937 ms
Loss rate: 0.96%
```

Run 8: Report of TCP BBR — Data Link

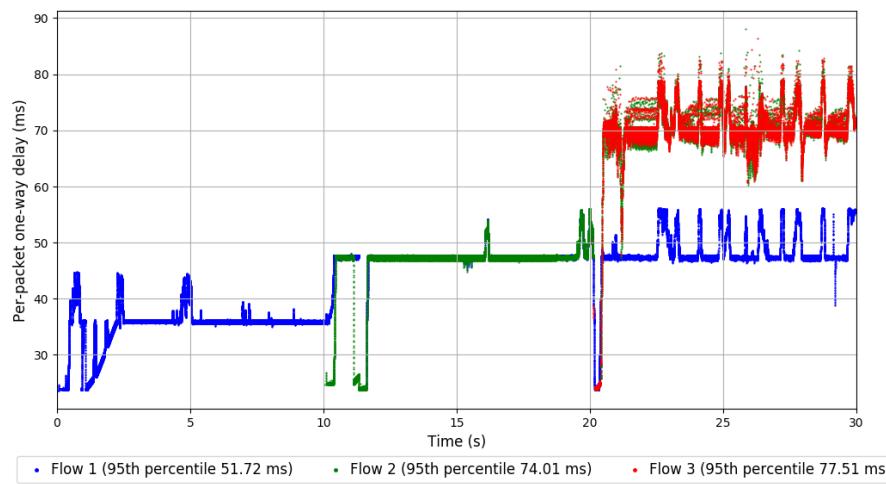
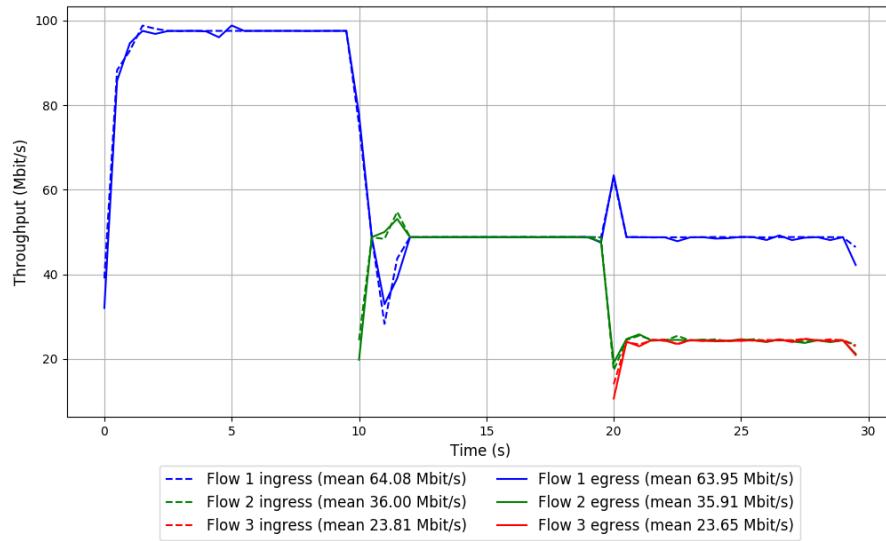


Run 9: Statistics of TCP BBR

```
Start at: 2017-11-16 09:59:06
End at: 2017-11-16 09:59:36
Local clock offset: 1.513 ms
Remote clock offset: 1.281 ms

# Below is generated by plot.py at 2017-11-16 13:48:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.65 Mbit/s
95th percentile per-packet one-way delay: 70.753 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 63.95 Mbit/s
95th percentile per-packet one-way delay: 51.723 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 35.91 Mbit/s
95th percentile per-packet one-way delay: 74.007 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 23.65 Mbit/s
95th percentile per-packet one-way delay: 77.509 ms
Loss rate: 1.46%
```

Run 9: Report of TCP BBR — Data Link

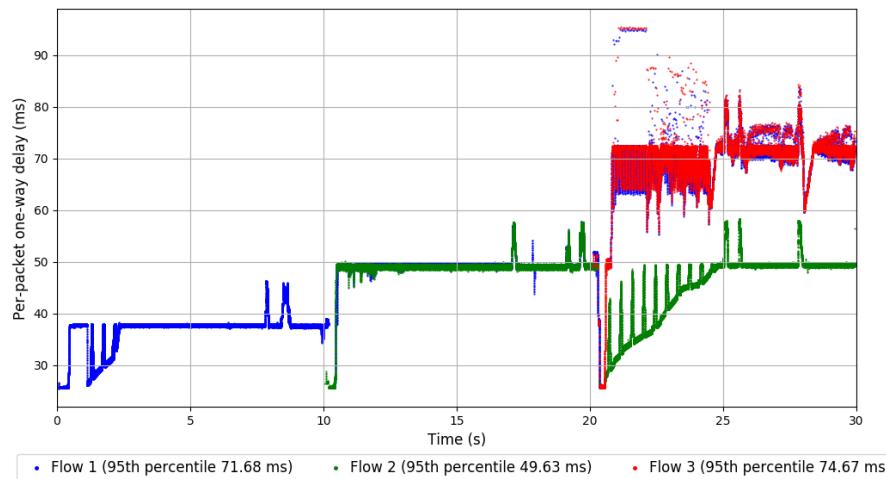
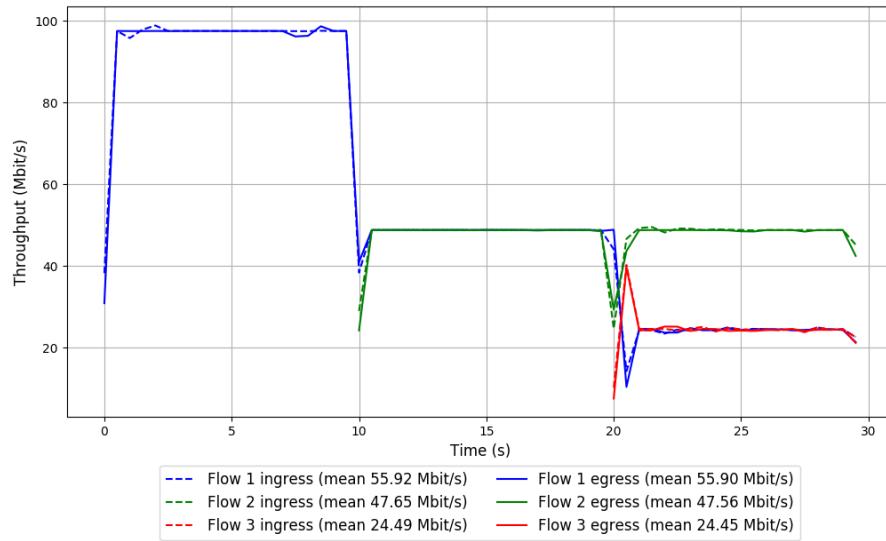


```
Run 10: Statistics of TCP BBR
```

```
Start at: 2017-11-16 10:18:14
End at: 2017-11-16 10:18:44
Local clock offset: 1.046 ms
Remote clock offset: -0.667 ms

# Below is generated by plot.py at 2017-11-16 13:49:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.60 Mbit/s
95th percentile per-packet one-way delay: 71.954 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 55.90 Mbit/s
95th percentile per-packet one-way delay: 71.679 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 47.56 Mbit/s
95th percentile per-packet one-way delay: 49.630 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 24.45 Mbit/s
95th percentile per-packet one-way delay: 74.673 ms
Loss rate: 1.18%
```

Run 10: Report of TCP BBR — Data Link

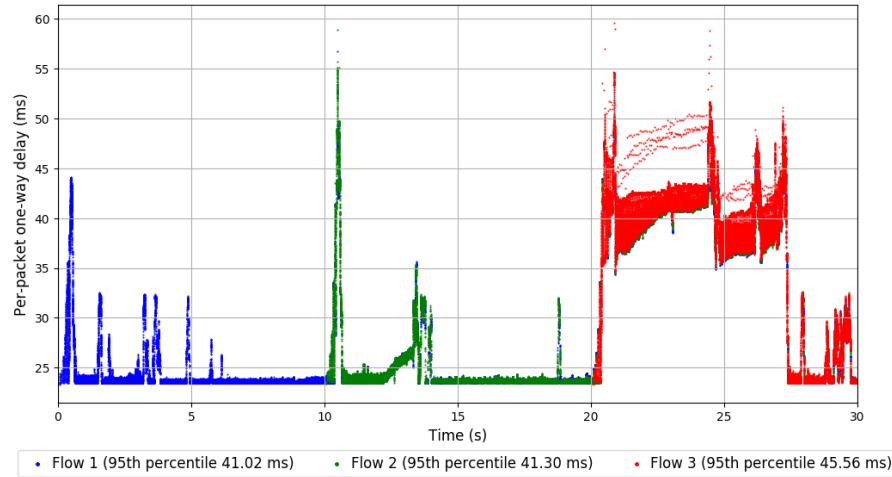
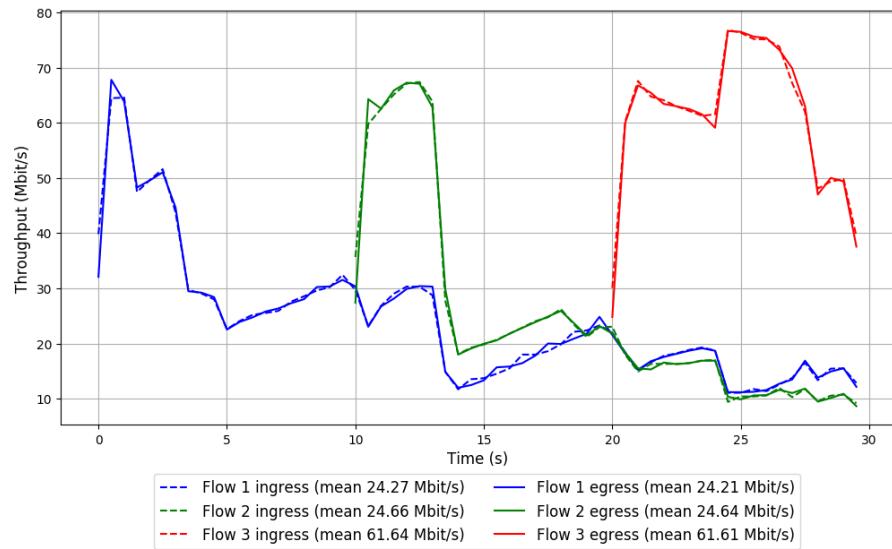


```
Run 1: Statistics of TCP Cubic

Start at: 2017-11-16 07:21:15
End at: 2017-11-16 07:21:45
Local clock offset: 0.557 ms
Remote clock offset: -0.472 ms

# Below is generated by plot.py at 2017-11-16 13:49:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 61.01 Mbit/s
95th percentile per-packet one-way delay: 43.139 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 24.21 Mbit/s
95th percentile per-packet one-way delay: 41.022 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 24.64 Mbit/s
95th percentile per-packet one-way delay: 41.296 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 61.61 Mbit/s
95th percentile per-packet one-way delay: 45.556 ms
Loss rate: 0.58%
```

Run 1: Report of TCP Cubic — Data Link

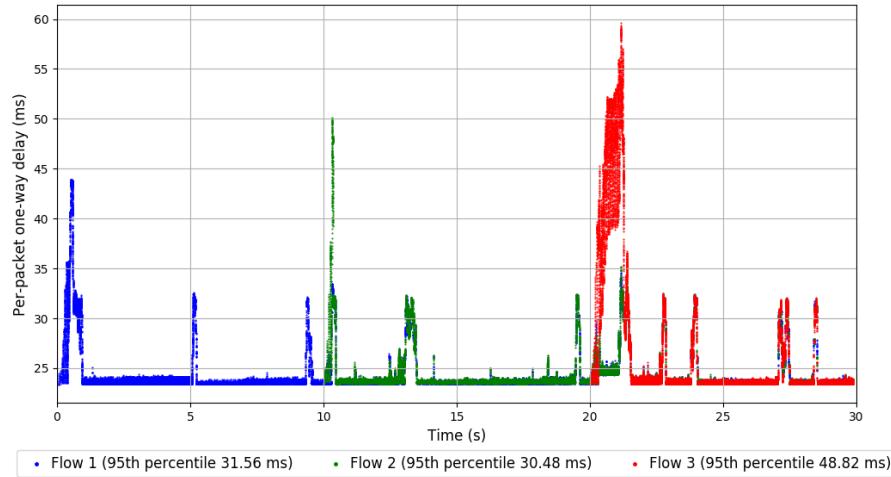
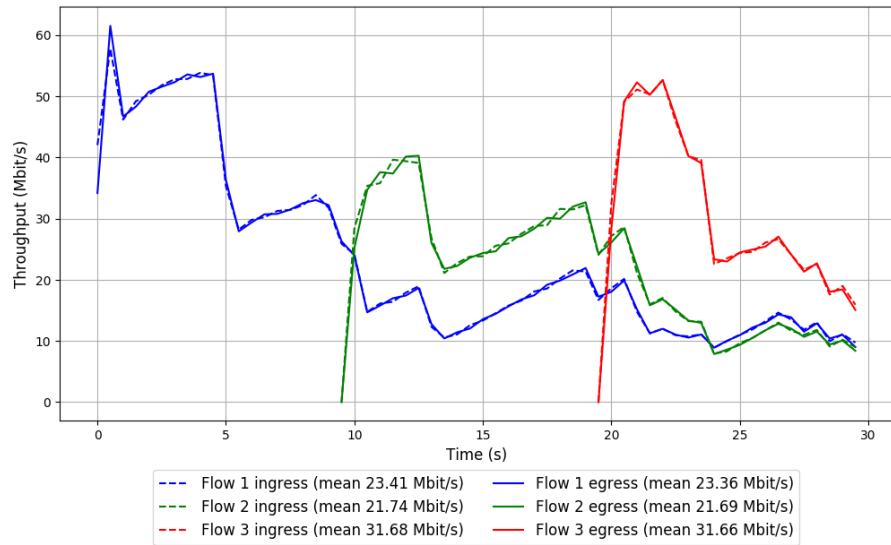


Run 2: Statistics of TCP Cubic

```
Start at: 2017-11-16 07:40:39
End at: 2017-11-16 07:41:09
Local clock offset: 0.992 ms
Remote clock offset: -0.218 ms

# Below is generated by plot.py at 2017-11-16 13:49:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.32 Mbit/s
95th percentile per-packet one-way delay: 32.757 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 23.36 Mbit/s
95th percentile per-packet one-way delay: 31.558 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 21.69 Mbit/s
95th percentile per-packet one-way delay: 30.476 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 31.66 Mbit/s
95th percentile per-packet one-way delay: 48.817 ms
Loss rate: 0.57%
```

Run 2: Report of TCP Cubic — Data Link

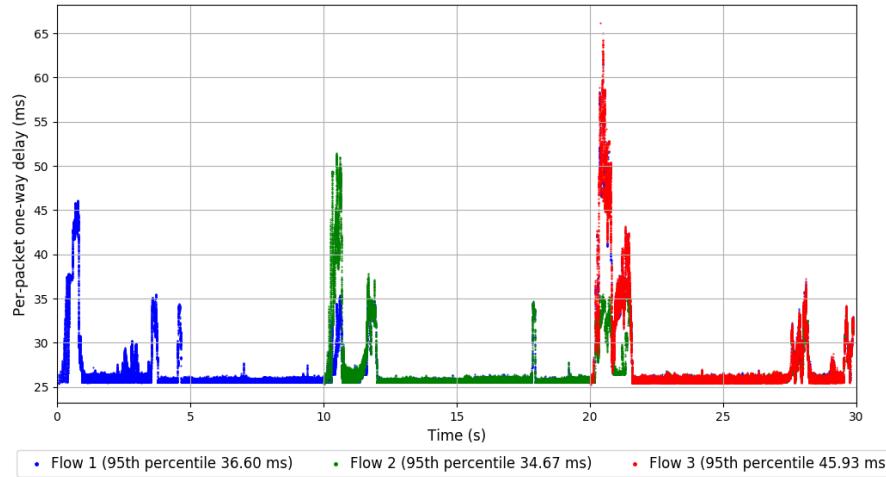
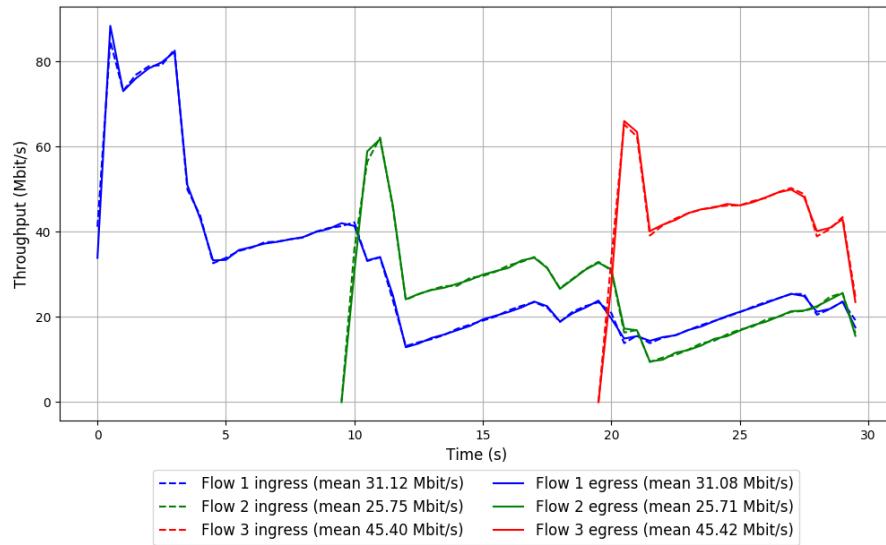


```
Run 3: Statistics of TCP Cubic
```

```
Start at: 2017-11-16 07:59:55
End at: 2017-11-16 08:00:25
Local clock offset: 1.489 ms
Remote clock offset: -1.513 ms

# Below is generated by plot.py at 2017-11-16 13:49:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 63.28 Mbit/s
95th percentile per-packet one-way delay: 37.494 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 31.08 Mbit/s
95th percentile per-packet one-way delay: 36.599 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 25.71 Mbit/s
95th percentile per-packet one-way delay: 34.670 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 45.42 Mbit/s
95th percentile per-packet one-way delay: 45.927 ms
Loss rate: 0.50%
```

Run 3: Report of TCP Cubic — Data Link

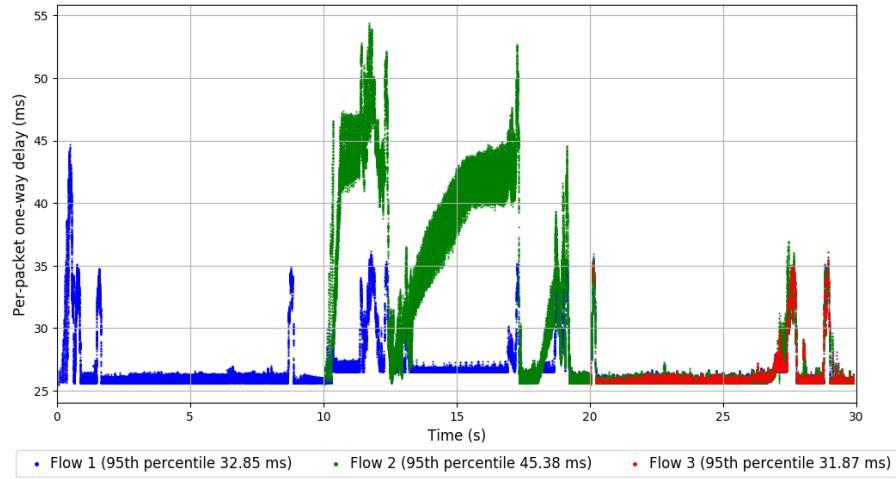
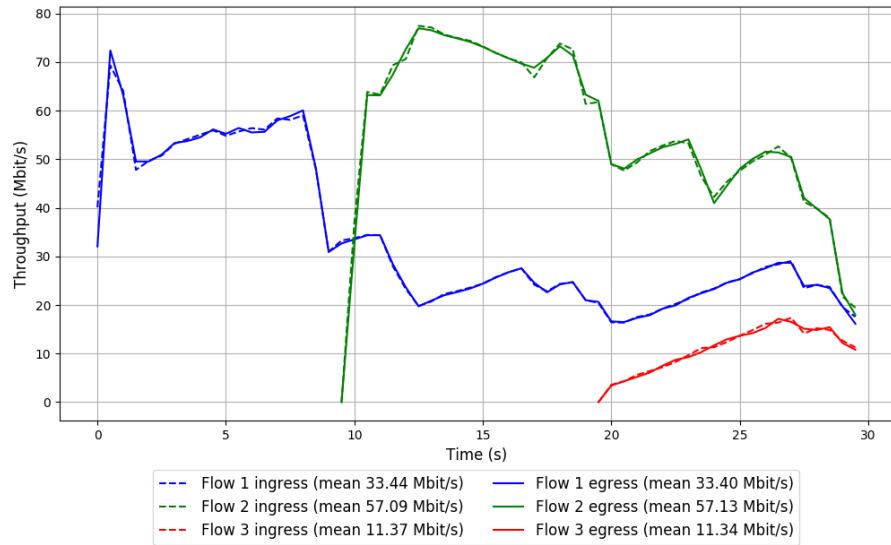


Run 4: Statistics of TCP Cubic

```
Start at: 2017-11-16 08:19:10
End at: 2017-11-16 08:19:40
Local clock offset: 2.01 ms
Remote clock offset: -0.775 ms

# Below is generated by plot.py at 2017-11-16 13:49:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 75.24 Mbit/s
95th percentile per-packet one-way delay: 43.430 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 33.40 Mbit/s
95th percentile per-packet one-way delay: 32.846 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 57.13 Mbit/s
95th percentile per-packet one-way delay: 45.384 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 11.34 Mbit/s
95th percentile per-packet one-way delay: 31.869 ms
Loss rate: 0.77%
```

Run 4: Report of TCP Cubic — Data Link

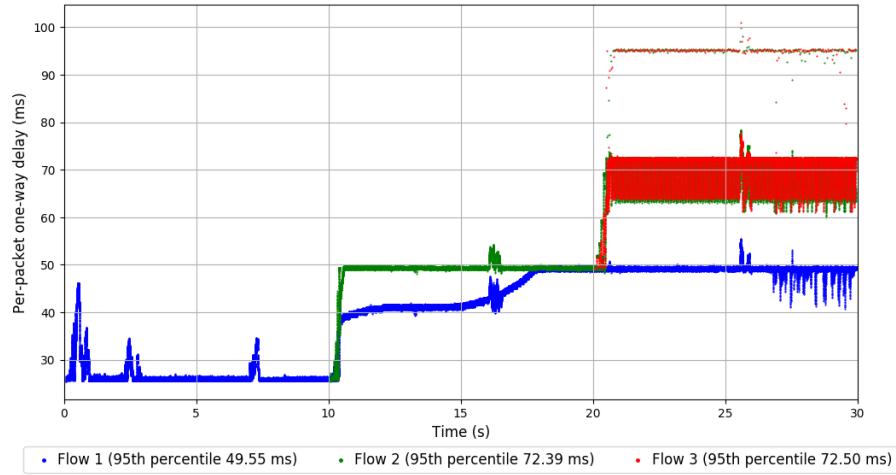
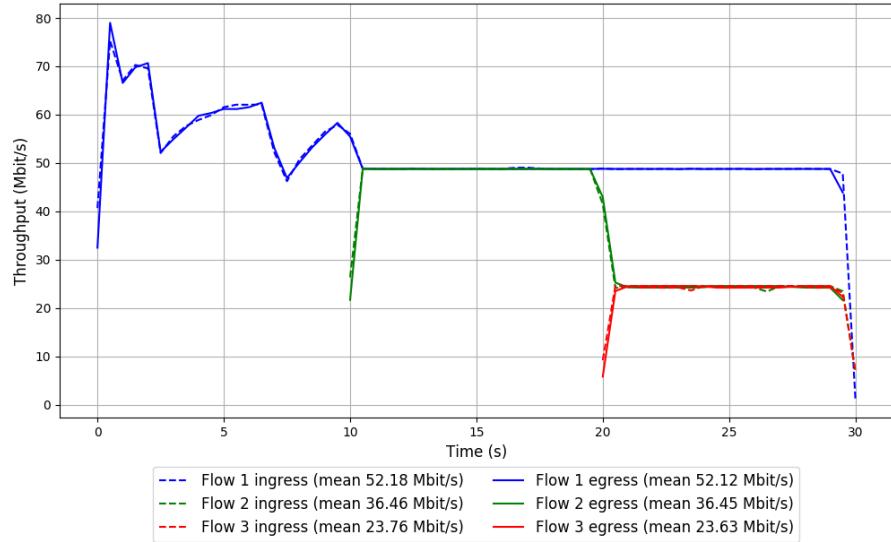


Run 5: Statistics of TCP Cubic

```
Start at: 2017-11-16 08:38:21
End at: 2017-11-16 08:38:51
Local clock offset: 2.688 ms
Remote clock offset: -0.19 ms

# Below is generated by plot.py at 2017-11-16 13:49:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.18 Mbit/s
95th percentile per-packet one-way delay: 72.301 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 52.12 Mbit/s
95th percentile per-packet one-way delay: 49.547 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 36.45 Mbit/s
95th percentile per-packet one-way delay: 72.394 ms
Loss rate: 0.83%
-- Flow 3:
Average throughput: 23.63 Mbit/s
95th percentile per-packet one-way delay: 72.501 ms
Loss rate: 2.38%
```

Run 5: Report of TCP Cubic — Data Link

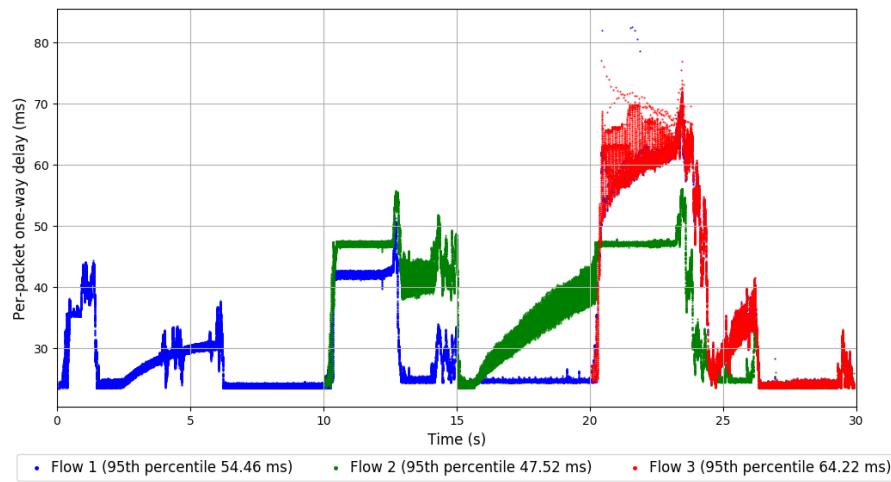
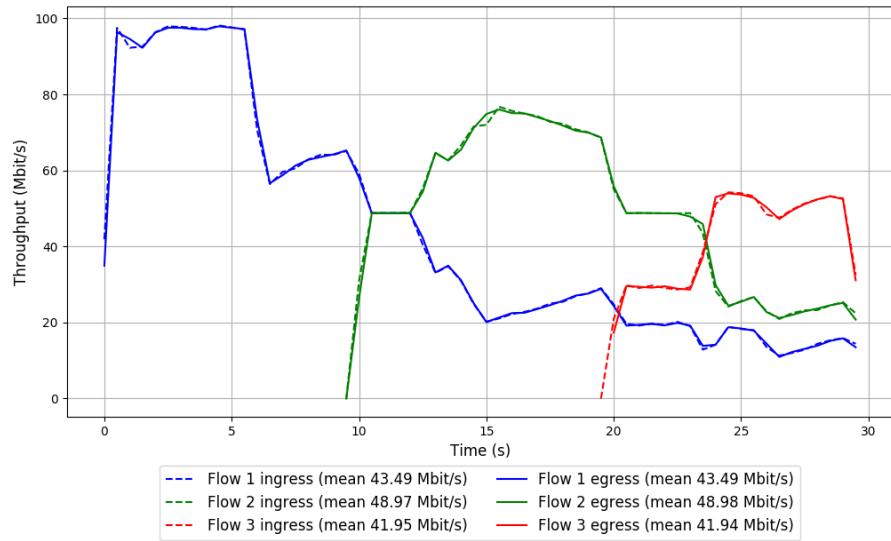


Run 6: Statistics of TCP Cubic

```
Start at: 2017-11-16 08:57:44
End at: 2017-11-16 08:58:14
Local clock offset: 2.325 ms
Remote clock offset: 1.94 ms

# Below is generated by plot.py at 2017-11-16 13:49:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.03 Mbit/s
95th percentile per-packet one-way delay: 59.062 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 43.49 Mbit/s
95th percentile per-packet one-way delay: 54.458 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 48.98 Mbit/s
95th percentile per-packet one-way delay: 47.522 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 41.94 Mbit/s
95th percentile per-packet one-way delay: 64.218 ms
Loss rate: 0.57%
```

Run 6: Report of TCP Cubic — Data Link

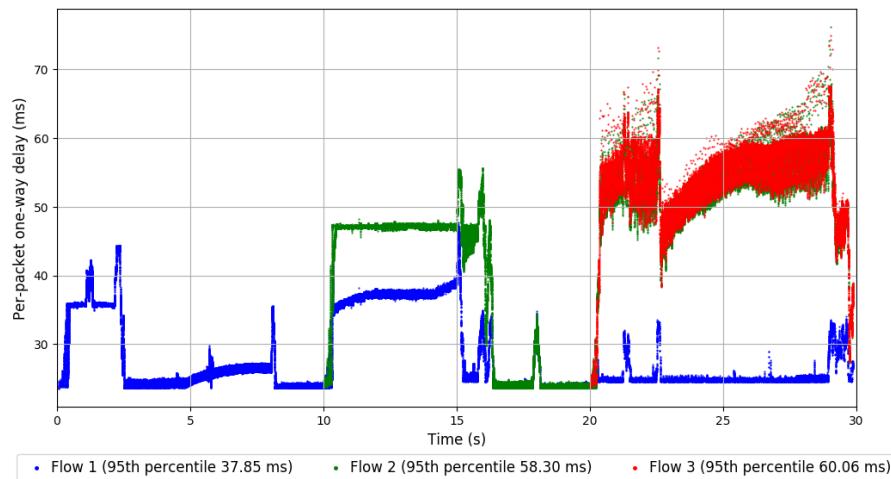
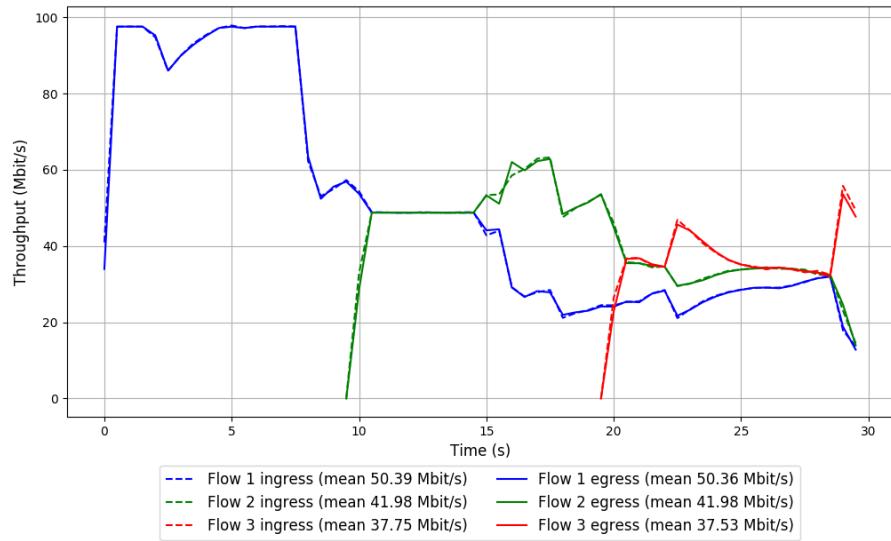


Run 7: Statistics of TCP Cubic

```
Start at: 2017-11-16 09:16:51
End at: 2017-11-16 09:17:21
Local clock offset: 1.996 ms
Remote clock offset: 1.312 ms

# Below is generated by plot.py at 2017-11-16 13:49:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.81 Mbit/s
95th percentile per-packet one-way delay: 57.637 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 50.36 Mbit/s
95th percentile per-packet one-way delay: 37.852 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 41.98 Mbit/s
95th percentile per-packet one-way delay: 58.295 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 37.53 Mbit/s
95th percentile per-packet one-way delay: 60.062 ms
Loss rate: 1.10%
```

Run 7: Report of TCP Cubic — Data Link

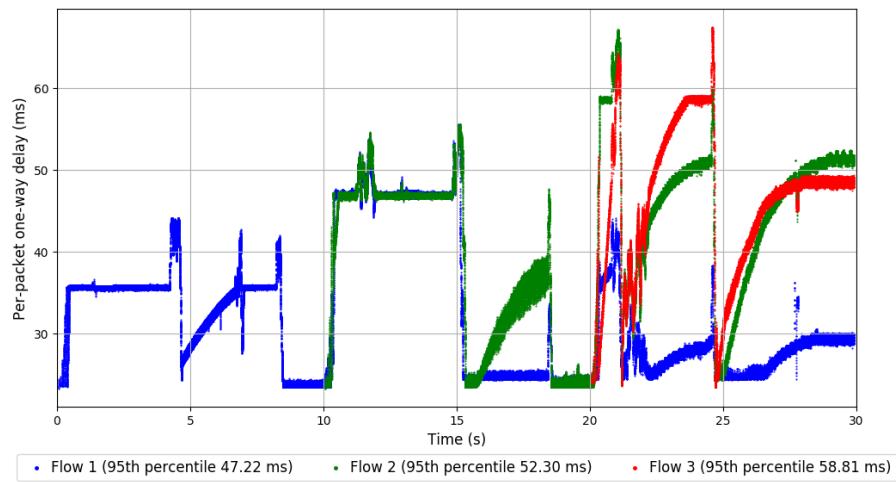
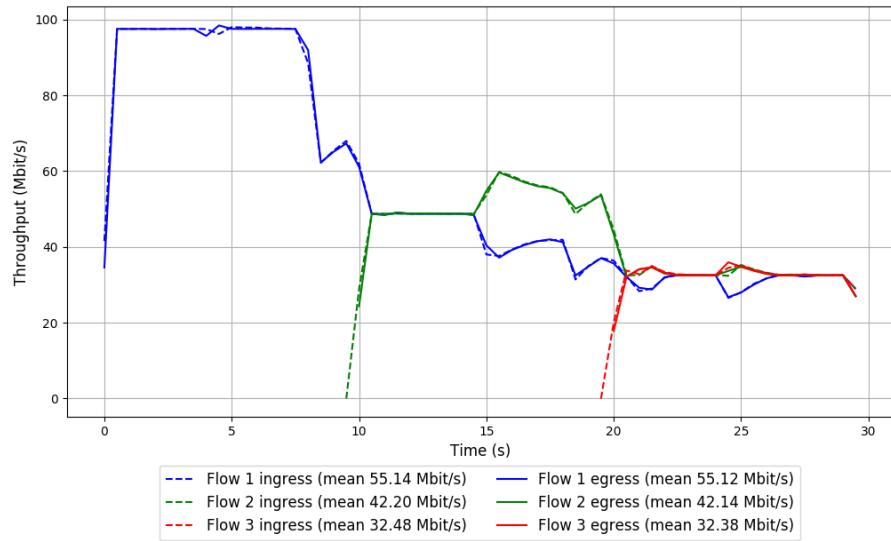


Run 8: Statistics of TCP Cubic

```
Start at: 2017-11-16 09:35:59
End at: 2017-11-16 09:36:29
Local clock offset: 1.709 ms
Remote clock offset: 1.142 ms

# Below is generated by plot.py at 2017-11-16 13:49:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.92 Mbit/s
95th percentile per-packet one-way delay: 51.713 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 55.12 Mbit/s
95th percentile per-packet one-way delay: 47.224 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 42.14 Mbit/s
95th percentile per-packet one-way delay: 52.302 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 32.38 Mbit/s
95th percentile per-packet one-way delay: 58.812 ms
Loss rate: 0.81%
```

Run 8: Report of TCP Cubic — Data Link

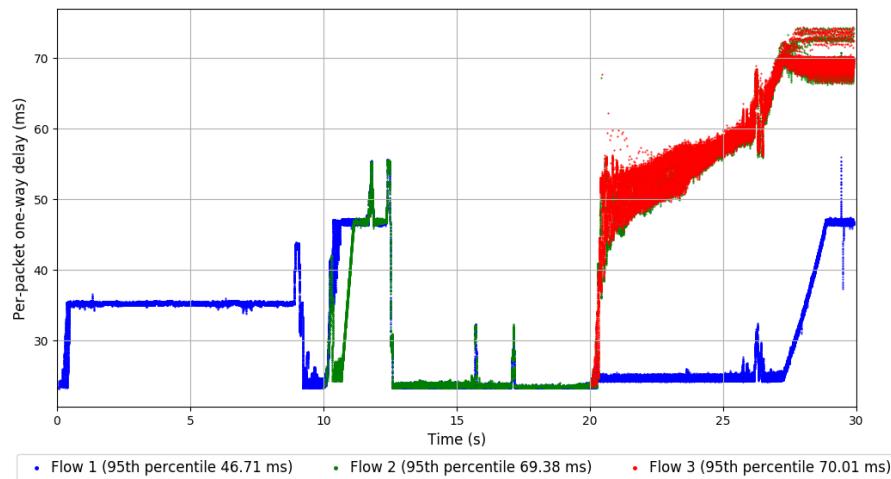
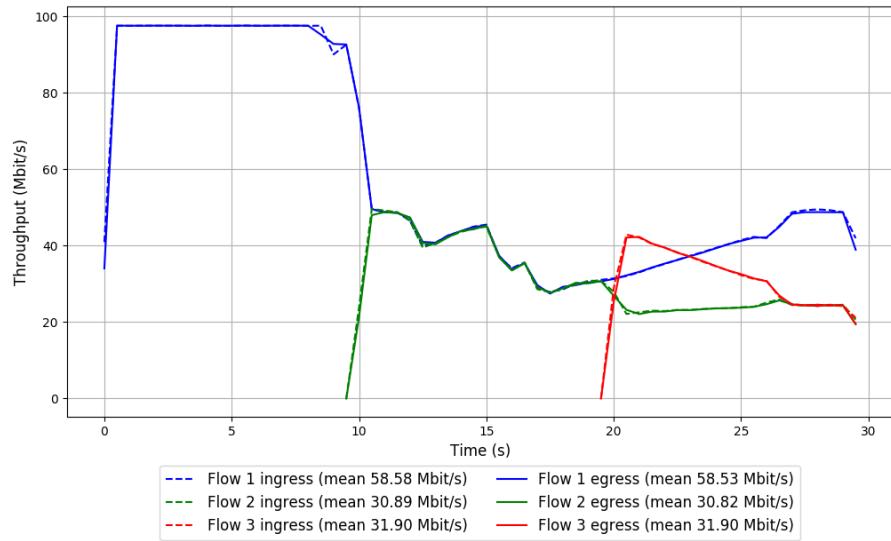


Run 9: Statistics of TCP Cubic

```
Start at: 2017-11-16 09:55:05
End at: 2017-11-16 09:55:35
Local clock offset: 1.577 ms
Remote clock offset: 1.628 ms

# Below is generated by plot.py at 2017-11-16 13:49:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.66 Mbit/s
95th percentile per-packet one-way delay: 67.689 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 58.53 Mbit/s
95th percentile per-packet one-way delay: 46.706 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 30.82 Mbit/s
95th percentile per-packet one-way delay: 69.383 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 31.90 Mbit/s
95th percentile per-packet one-way delay: 70.014 ms
Loss rate: 0.75%
```

Run 9: Report of TCP Cubic — Data Link

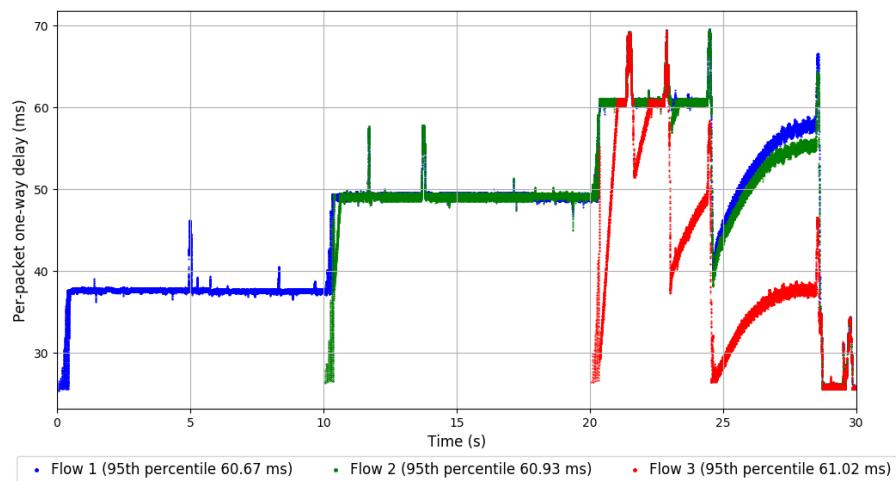
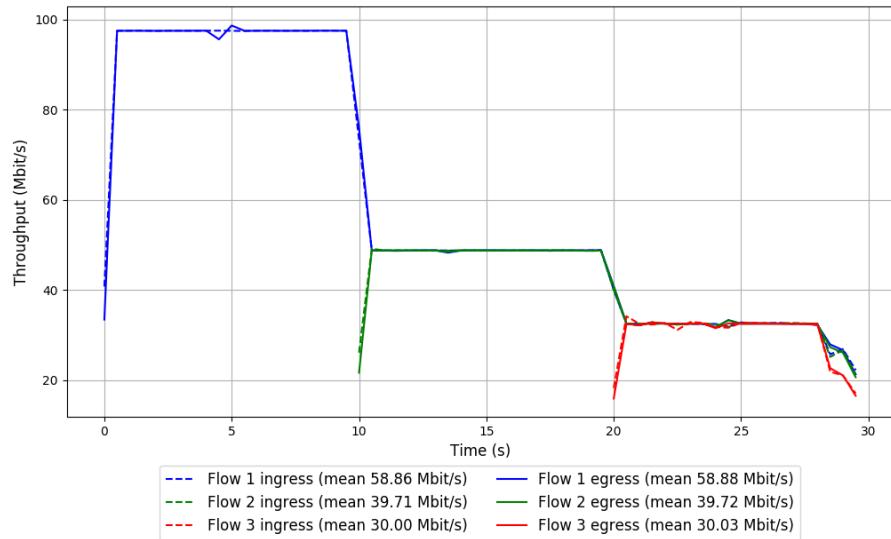


```
Run 10: Statistics of TCP Cubic
```

```
Start at: 2017-11-16 10:14:13
End at: 2017-11-16 10:14:43
Local clock offset: 1.106 ms
Remote clock offset: -0.441 ms

# Below is generated by plot.py at 2017-11-16 13:50:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.26 Mbit/s
95th percentile per-packet one-way delay: 60.811 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 58.88 Mbit/s
95th percentile per-packet one-way delay: 60.672 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 39.72 Mbit/s
95th percentile per-packet one-way delay: 60.928 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 30.03 Mbit/s
95th percentile per-packet one-way delay: 61.018 ms
Loss rate: 0.50%
```

Run 10: Report of TCP Cubic — Data Link

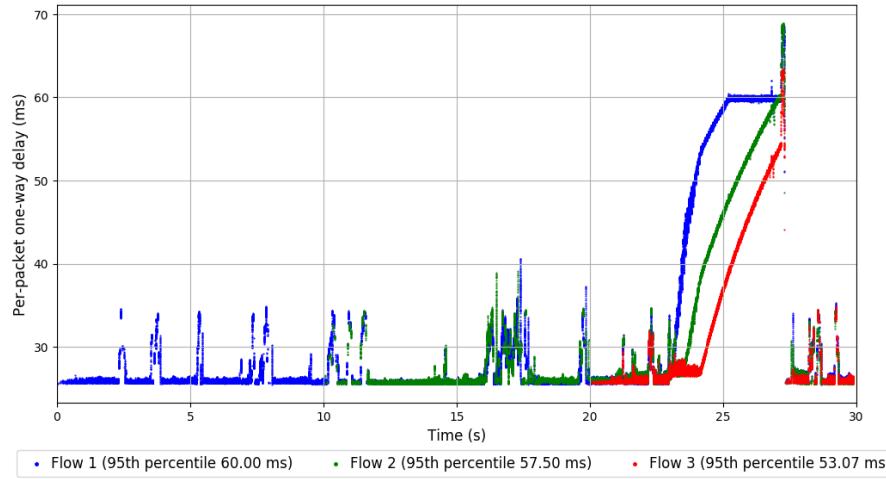
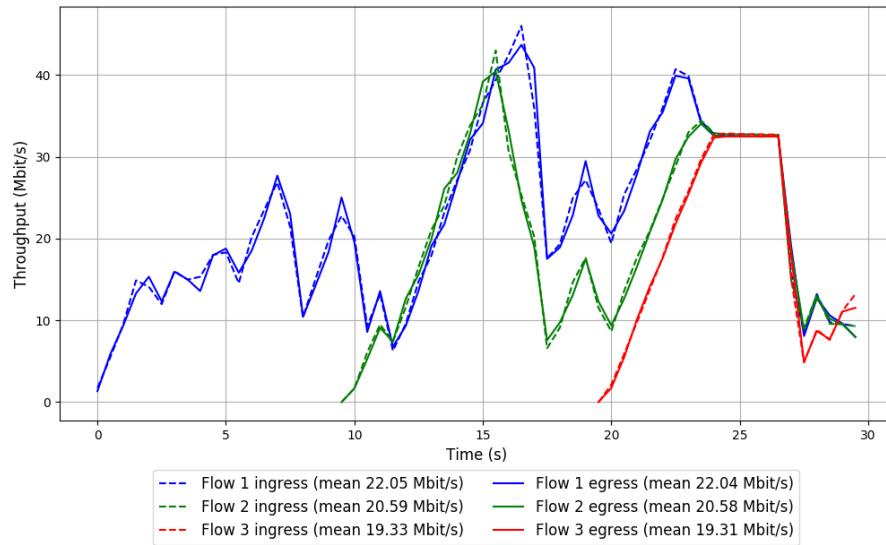


```
Run 1: Statistics of LEDBAT

Start at: 2017-11-16 07:35:03
End at: 2017-11-16 07:35:33
Local clock offset: 0.788 ms
Remote clock offset: -2.558 ms

# Below is generated by plot.py at 2017-11-16 13:50:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 42.15 Mbit/s
95th percentile per-packet one-way delay: 59.737 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 22.04 Mbit/s
95th percentile per-packet one-way delay: 60.000 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 20.58 Mbit/s
95th percentile per-packet one-way delay: 57.501 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 19.31 Mbit/s
95th percentile per-packet one-way delay: 53.073 ms
Loss rate: 0.64%
```

Run 1: Report of LEDBAT — Data Link

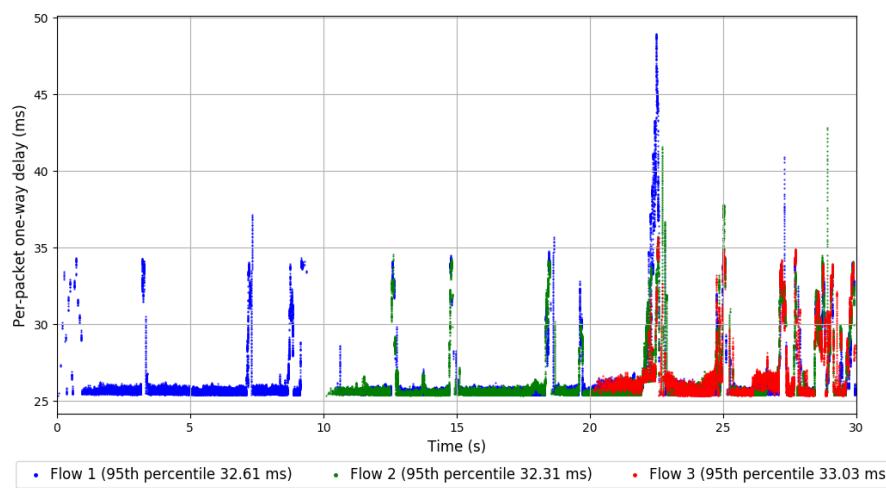
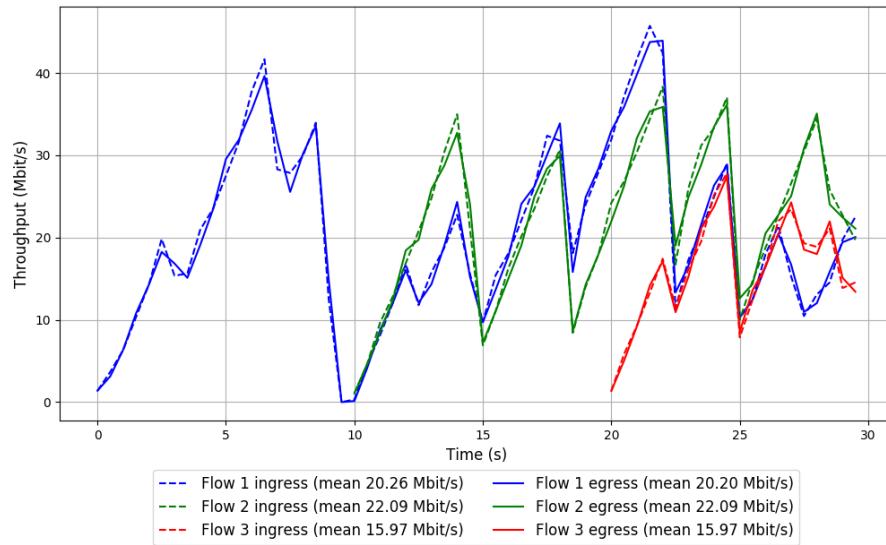


Run 2: Statistics of LEDBAT

```
Start at: 2017-11-16 07:54:27
End at: 2017-11-16 07:54:57
Local clock offset: 1.338 ms
Remote clock offset: -1.72 ms

# Below is generated by plot.py at 2017-11-16 13:50:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 40.10 Mbit/s
95th percentile per-packet one-way delay: 32.579 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 20.20 Mbit/s
95th percentile per-packet one-way delay: 32.612 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 22.09 Mbit/s
95th percentile per-packet one-way delay: 32.307 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 15.97 Mbit/s
95th percentile per-packet one-way delay: 33.033 ms
Loss rate: 0.56%
```

Run 2: Report of LEDBAT — Data Link

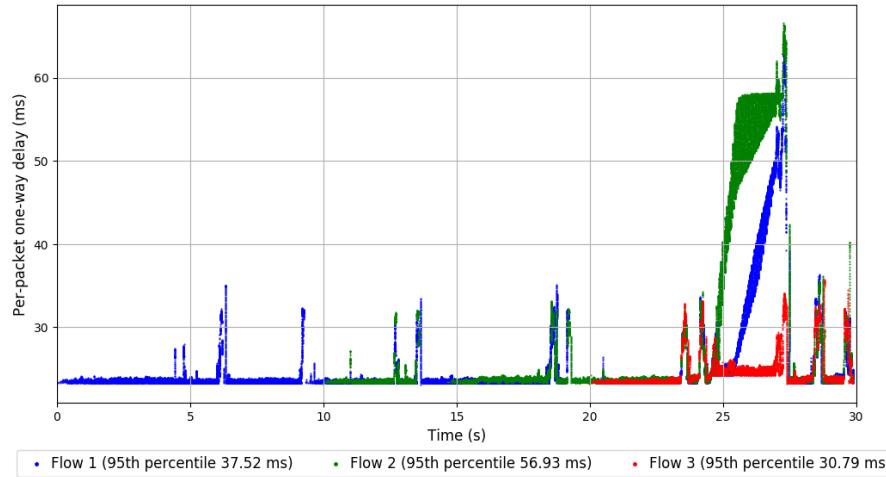
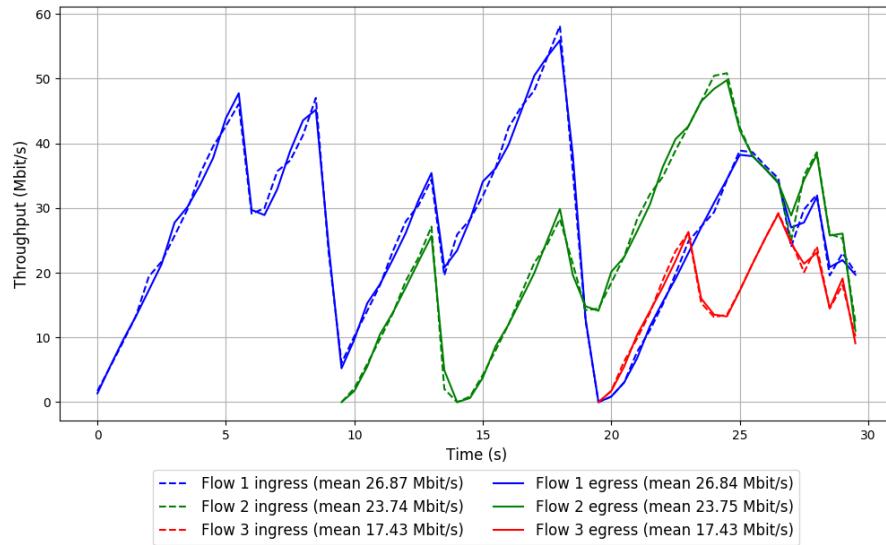


Run 3: Statistics of LEDBAT

```
Start at: 2017-11-16 08:13:41
End at: 2017-11-16 08:14:11
Local clock offset: 1.864 ms
Remote clock offset: 1.104 ms

# Below is generated by plot.py at 2017-11-16 13:50:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.41 Mbit/s
95th percentile per-packet one-way delay: 50.317 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 26.84 Mbit/s
95th percentile per-packet one-way delay: 37.524 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 23.75 Mbit/s
95th percentile per-packet one-way delay: 56.933 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 17.43 Mbit/s
95th percentile per-packet one-way delay: 30.787 ms
Loss rate: 0.53%
```

Run 3: Report of LEDBAT — Data Link

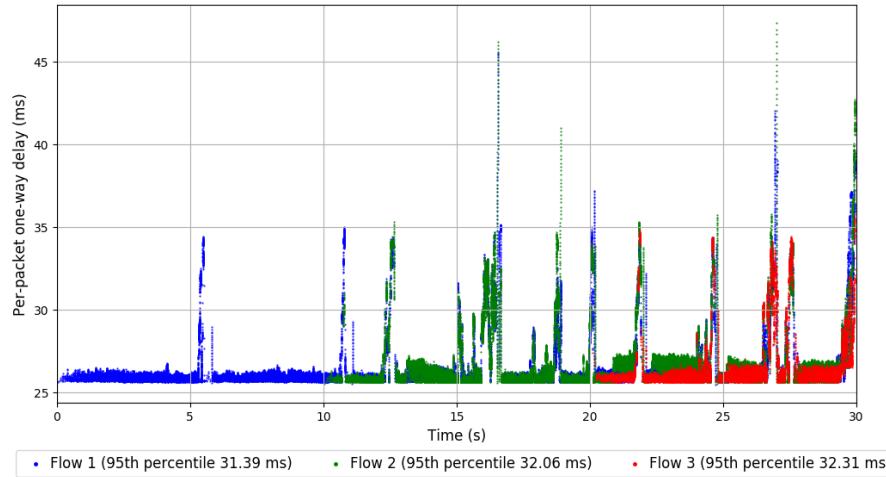
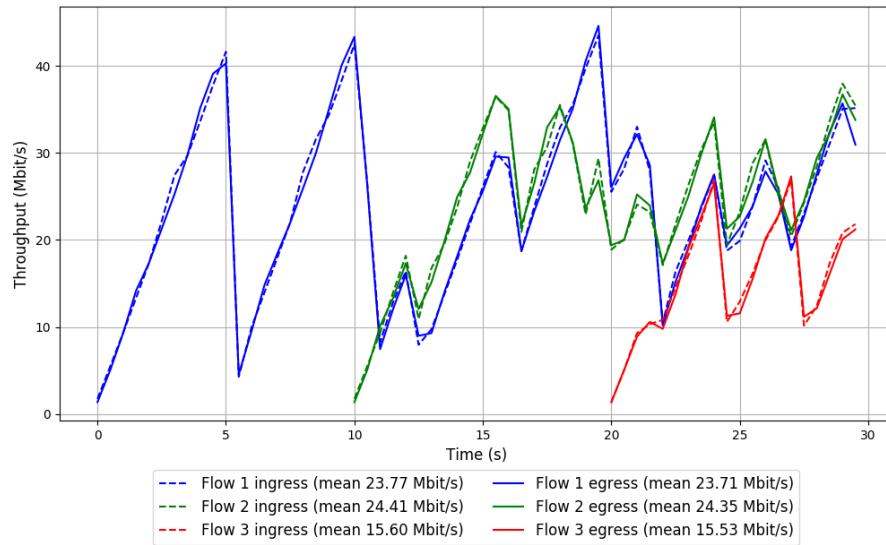


Run 4: Statistics of LEDBAT

```
Start at: 2017-11-16 08:32:53
End at: 2017-11-16 08:33:23
Local clock offset: 2.462 ms
Remote clock offset: -0.489 ms

# Below is generated by plot.py at 2017-11-16 13:50:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 45.05 Mbit/s
95th percentile per-packet one-way delay: 31.784 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 23.71 Mbit/s
95th percentile per-packet one-way delay: 31.389 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 24.35 Mbit/s
95th percentile per-packet one-way delay: 32.056 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 15.53 Mbit/s
95th percentile per-packet one-way delay: 32.312 ms
Loss rate: 1.08%
```

Run 4: Report of LEDBAT — Data Link

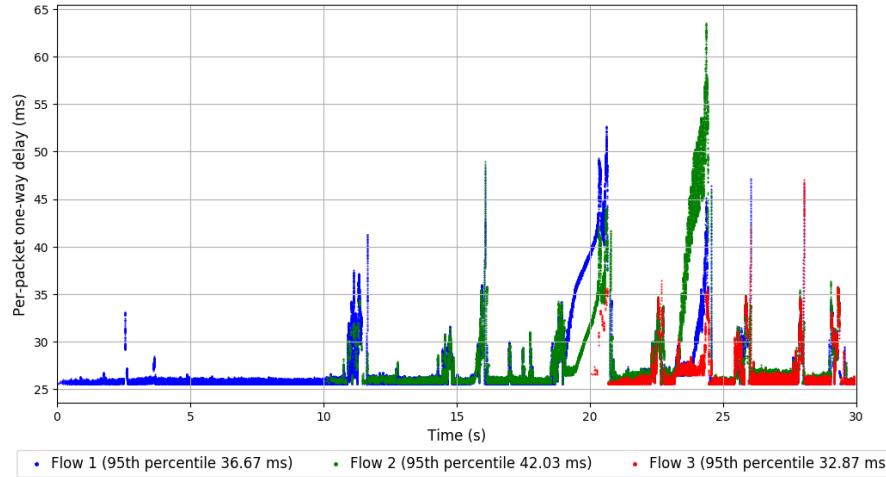
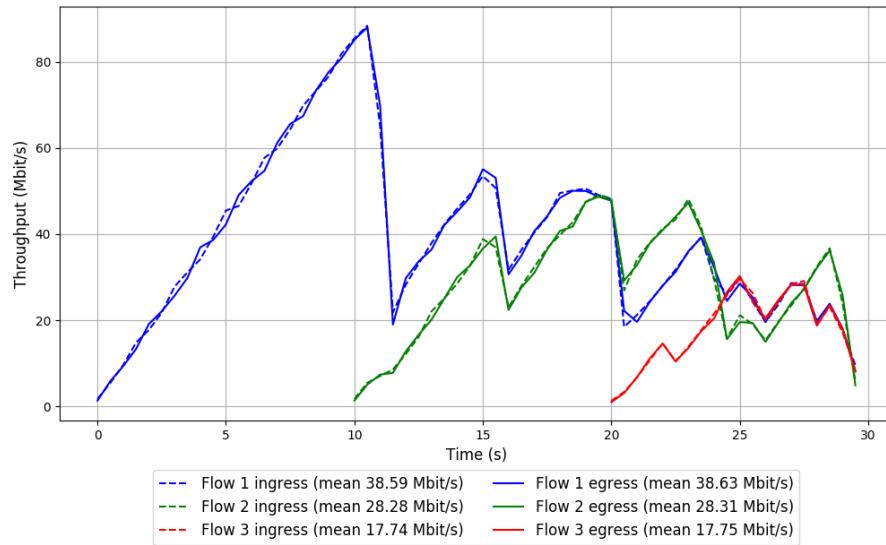


Run 5: Statistics of LEDBAT

```
Start at: 2017-11-16 08:52:09
End at: 2017-11-16 08:52:39
Local clock offset: 2.356 ms
Remote clock offset: -0.039 ms

# Below is generated by plot.py at 2017-11-16 13:50:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 63.29 Mbit/s
95th percentile per-packet one-way delay: 37.210 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 38.63 Mbit/s
95th percentile per-packet one-way delay: 36.669 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 28.31 Mbit/s
95th percentile per-packet one-way delay: 42.028 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 17.75 Mbit/s
95th percentile per-packet one-way delay: 32.872 ms
Loss rate: 0.51%
```

Run 5: Report of LEDBAT — Data Link

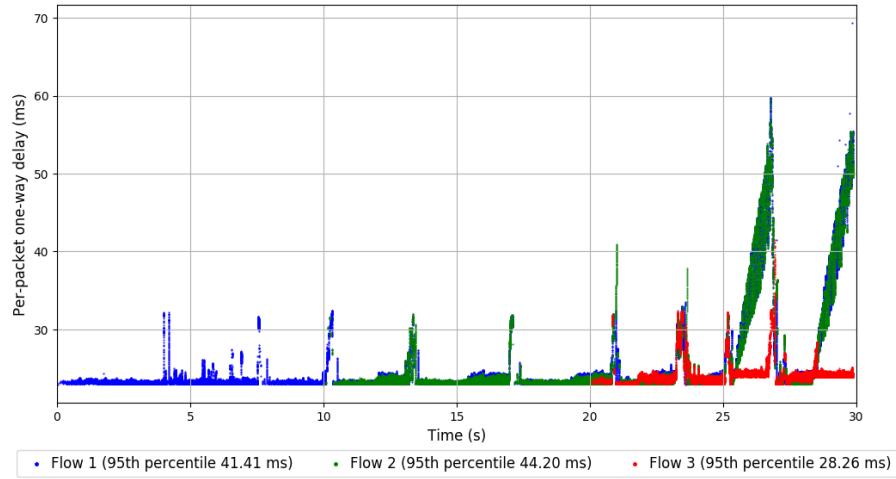
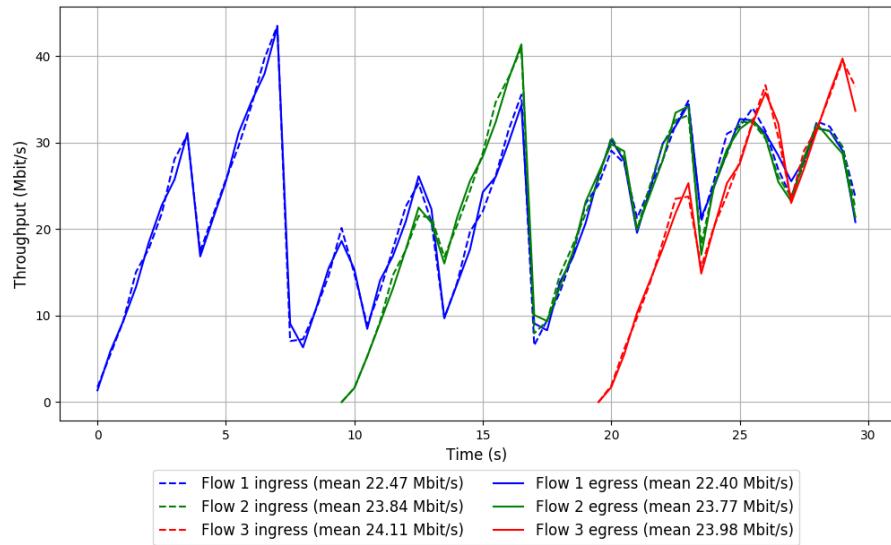


Run 6: Statistics of LEDBAT

```
Start at: 2017-11-16 09:11:25
End at: 2017-11-16 09:11:55
Local clock offset: 1.962 ms
Remote clock offset: 2.028 ms

# Below is generated by plot.py at 2017-11-16 13:50:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 46.20 Mbit/s
95th percentile per-packet one-way delay: 40.884 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 22.40 Mbit/s
95th percentile per-packet one-way delay: 41.413 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 23.77 Mbit/s
95th percentile per-packet one-way delay: 44.196 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 23.98 Mbit/s
95th percentile per-packet one-way delay: 28.256 ms
Loss rate: 1.04%
```

Run 6: Report of LEDBAT — Data Link

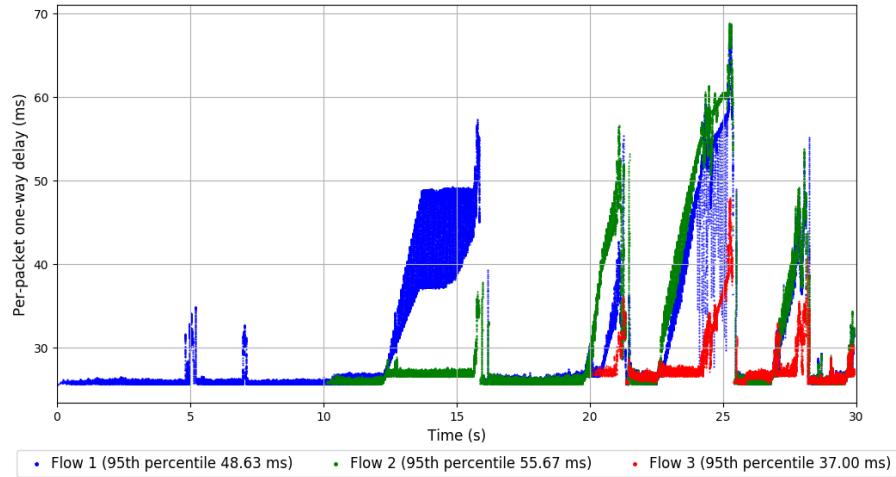
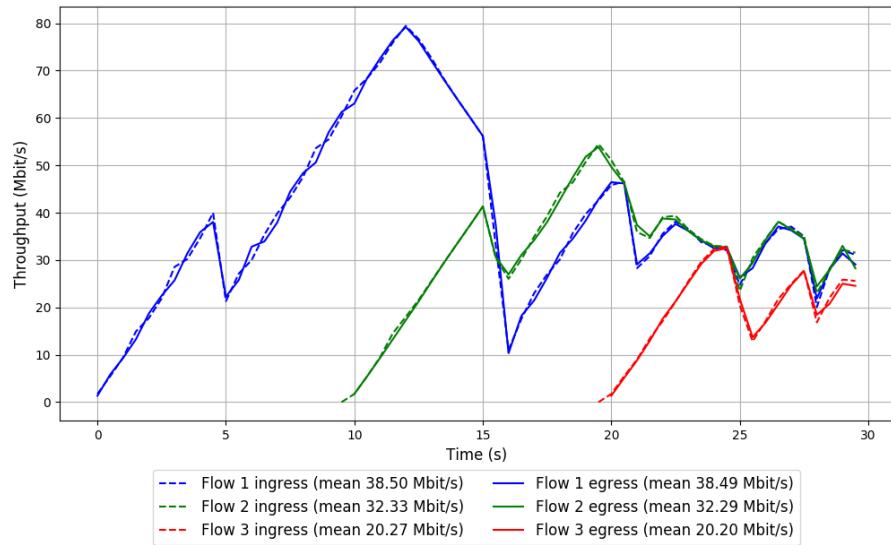


Run 7: Statistics of LEDBAT

```
Start at: 2017-11-16 09:30:31
End at: 2017-11-16 09:31:01
Local clock offset: 1.879 ms
Remote clock offset: -0.949 ms

# Below is generated by plot.py at 2017-11-16 13:50:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 66.69 Mbit/s
95th percentile per-packet one-way delay: 49.042 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 38.49 Mbit/s
95th percentile per-packet one-way delay: 48.630 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 32.29 Mbit/s
95th percentile per-packet one-way delay: 55.674 ms
Loss rate: 0.37%
-- Flow 3:
Average throughput: 20.20 Mbit/s
95th percentile per-packet one-way delay: 37.001 ms
Loss rate: 0.89%
```

Run 7: Report of LEDBAT — Data Link

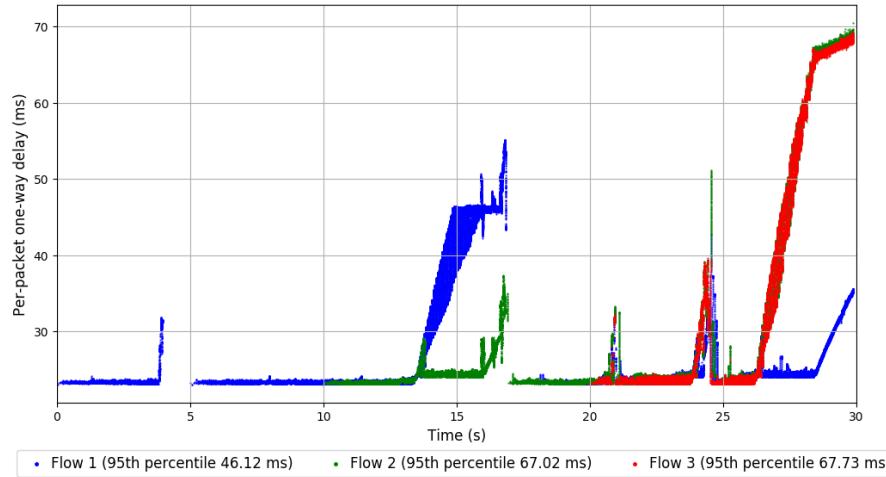
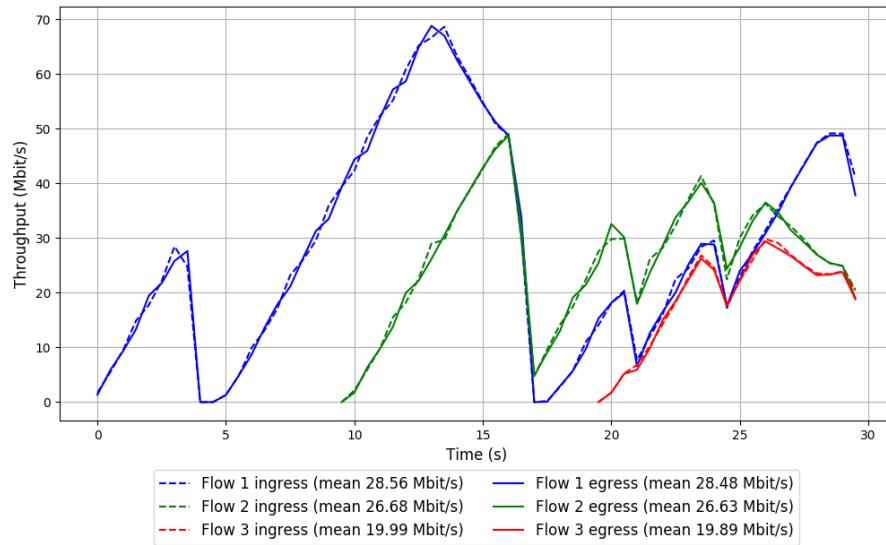


Run 8: Statistics of LEDBAT

```
Start at: 2017-11-16 09:49:39
End at: 2017-11-16 09:50:09
Local clock offset: 1.628 ms
Remote clock offset: 1.651 ms

# Below is generated by plot.py at 2017-11-16 13:50:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 52.83 Mbit/s
95th percentile per-packet one-way delay: 63.428 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 28.48 Mbit/s
95th percentile per-packet one-way delay: 46.116 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 26.63 Mbit/s
95th percentile per-packet one-way delay: 67.015 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 19.89 Mbit/s
95th percentile per-packet one-way delay: 67.733 ms
Loss rate: 1.24%
```

Run 8: Report of LEDBAT — Data Link

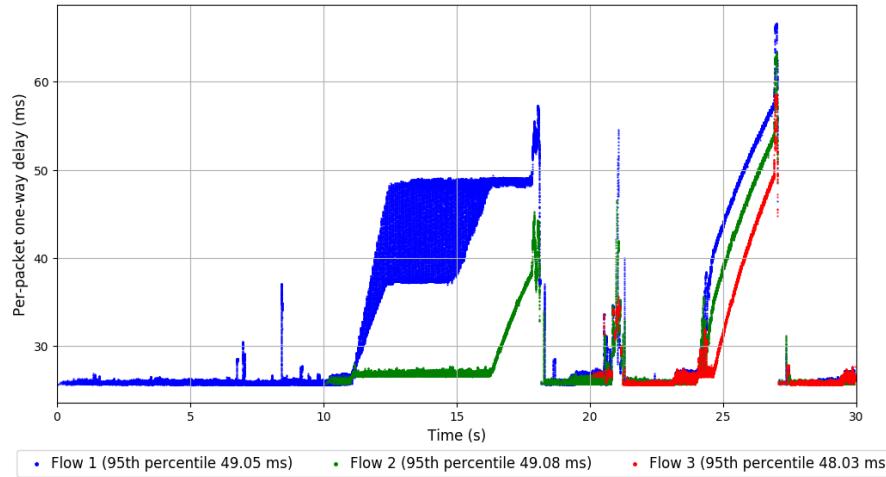
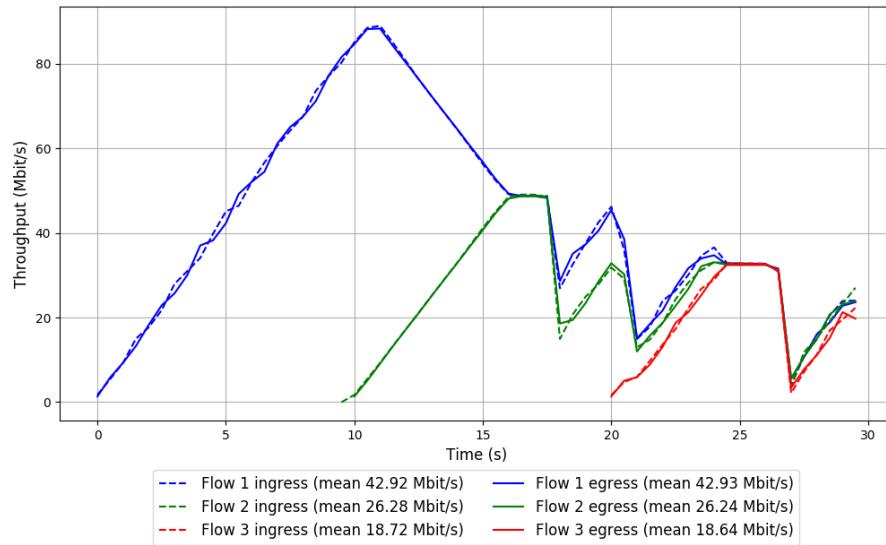


Run 9: Statistics of LEDBAT

```
Start at: 2017-11-16 10:08:45
End at: 2017-11-16 10:09:15
Local clock offset: 1.313 ms
Remote clock offset: -0.518 ms

# Below is generated by plot.py at 2017-11-16 13:50:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 66.52 Mbit/s
95th percentile per-packet one-way delay: 49.024 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 42.93 Mbit/s
95th percentile per-packet one-way delay: 49.055 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 26.24 Mbit/s
95th percentile per-packet one-way delay: 49.083 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 18.64 Mbit/s
95th percentile per-packet one-way delay: 48.031 ms
Loss rate: 0.95%
```

Run 9: Report of LEDBAT — Data Link

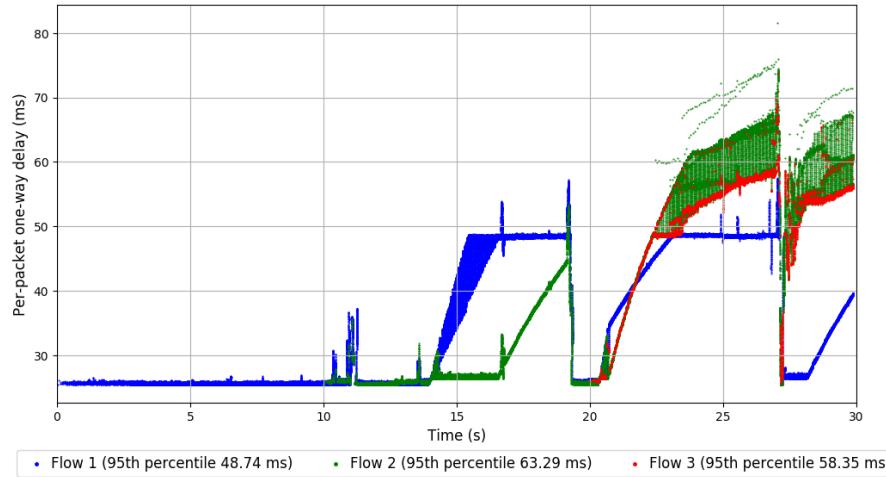
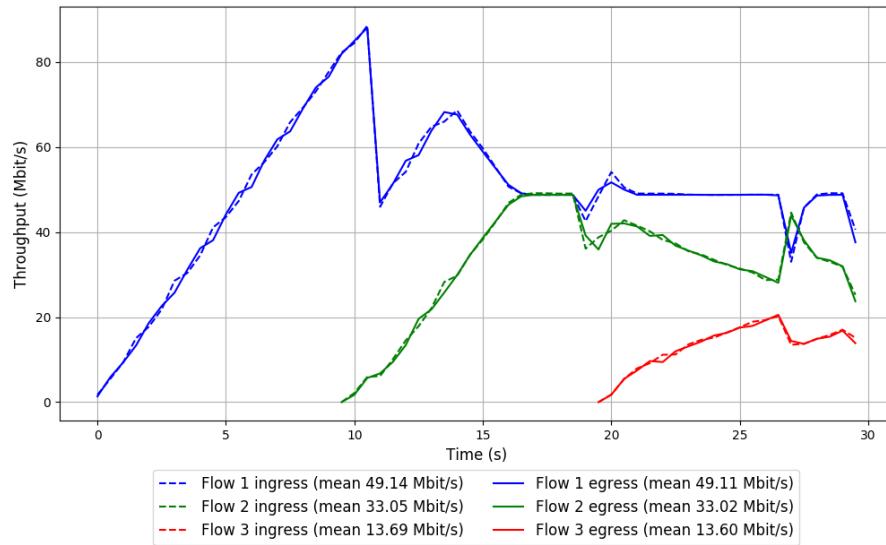


```
Run 10: Statistics of LEDBAT
```

```
Start at: 2017-11-16 10:28:09
End at: 2017-11-16 10:28:39
Local clock offset: 0.964 ms
Remote clock offset: -1.001 ms

# Below is generated by plot.py at 2017-11-16 13:51:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 75.64 Mbit/s
95th percentile per-packet one-way delay: 58.251 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 49.11 Mbit/s
95th percentile per-packet one-way delay: 48.739 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 33.02 Mbit/s
95th percentile per-packet one-way delay: 63.293 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 13.60 Mbit/s
95th percentile per-packet one-way delay: 58.354 ms
Loss rate: 1.18%
```

Run 10: Report of LEDBAT — Data Link

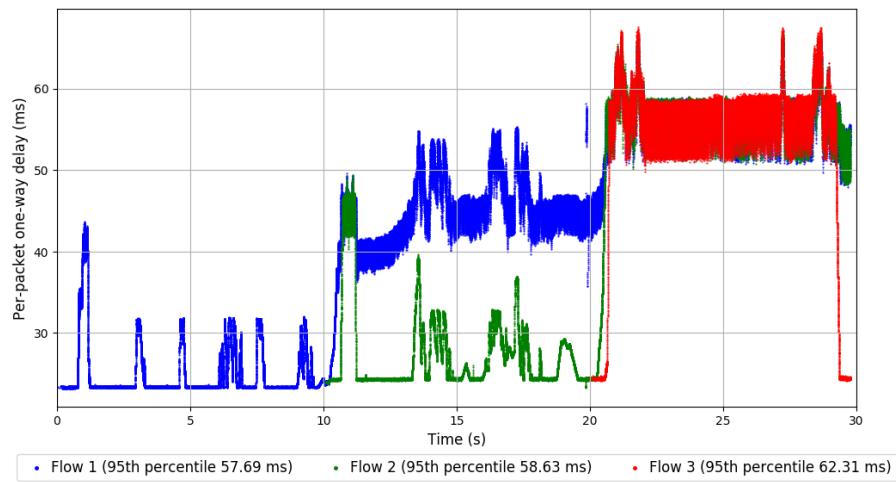
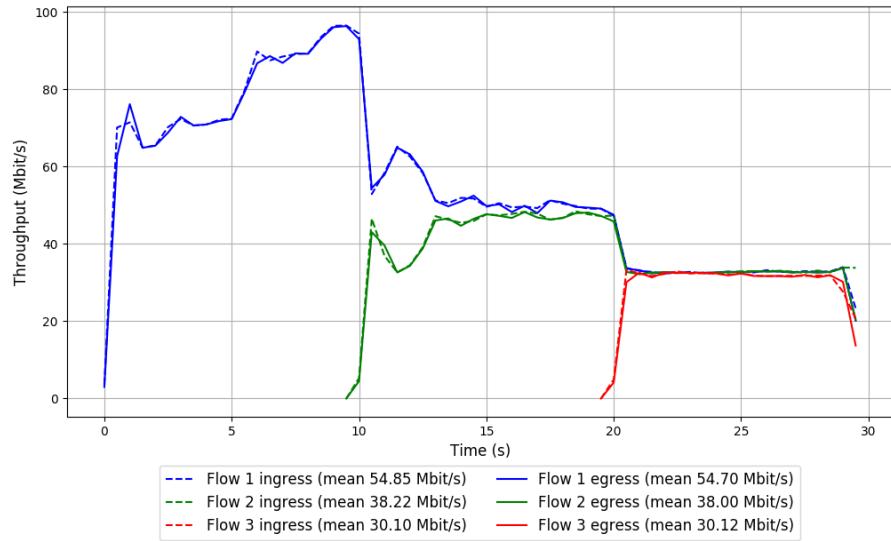


Run 1: Statistics of PCC

```
Start at: 2017-11-16 07:28:02
End at: 2017-11-16 07:28:32
Local clock offset: 0.595 ms
Remote clock offset: -0.372 ms

# Below is generated by plot.py at 2017-11-16 13:51:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.90 Mbit/s
95th percentile per-packet one-way delay: 58.498 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 54.70 Mbit/s
95th percentile per-packet one-way delay: 57.690 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 38.00 Mbit/s
95th percentile per-packet one-way delay: 58.631 ms
Loss rate: 1.39%
-- Flow 3:
Average throughput: 30.12 Mbit/s
95th percentile per-packet one-way delay: 62.310 ms
Loss rate: 1.50%
```

Run 1: Report of PCC — Data Link

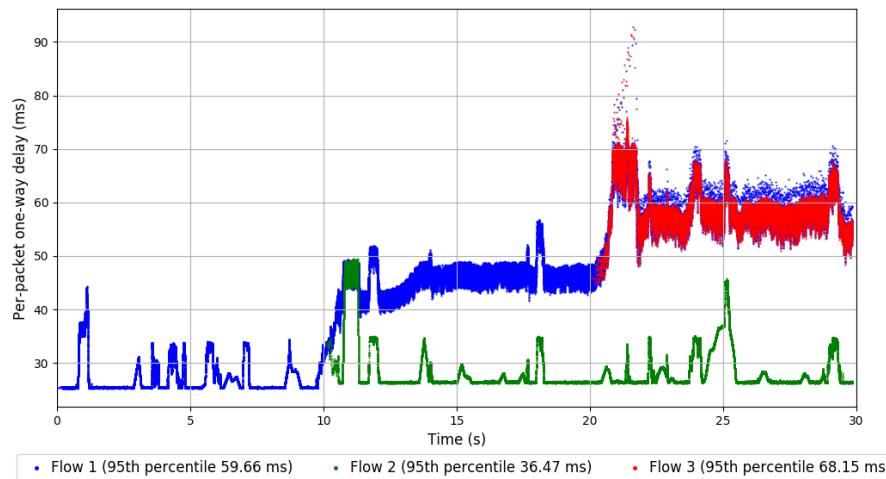
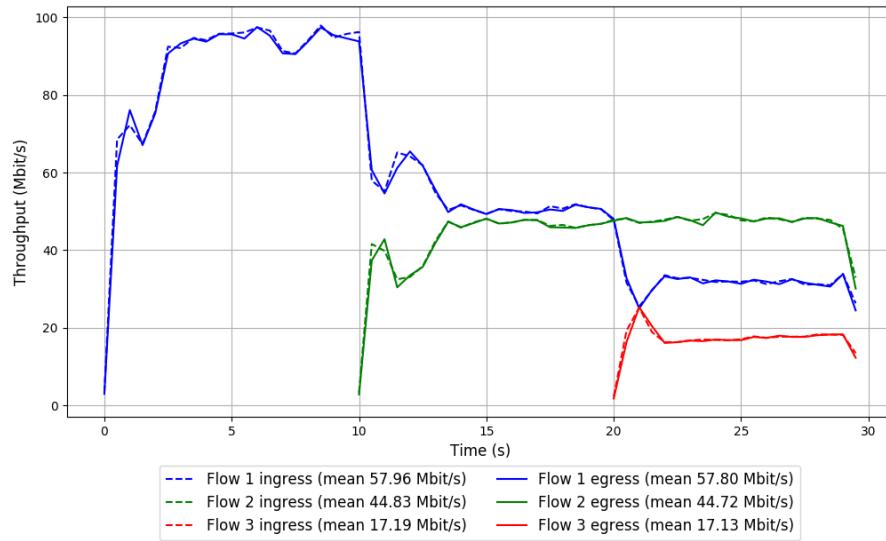


Run 2: Statistics of PCC

```
Start at: 2017-11-16 07:47:17
End at: 2017-11-16 07:47:47
Local clock offset: 1.116 ms
Remote clock offset: -1.985 ms

# Below is generated by plot.py at 2017-11-16 13:51:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.14 Mbit/s
95th percentile per-packet one-way delay: 59.605 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 57.80 Mbit/s
95th percentile per-packet one-way delay: 59.663 ms
Loss rate: 0.48%
-- Flow 2:
Average throughput: 44.72 Mbit/s
95th percentile per-packet one-way delay: 36.469 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 17.13 Mbit/s
95th percentile per-packet one-way delay: 68.149 ms
Loss rate: 1.15%
```

Run 2: Report of PCC — Data Link

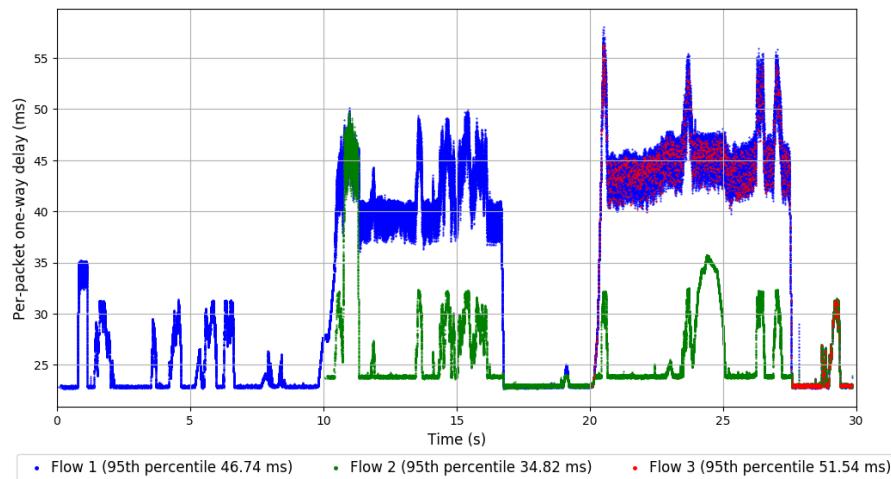
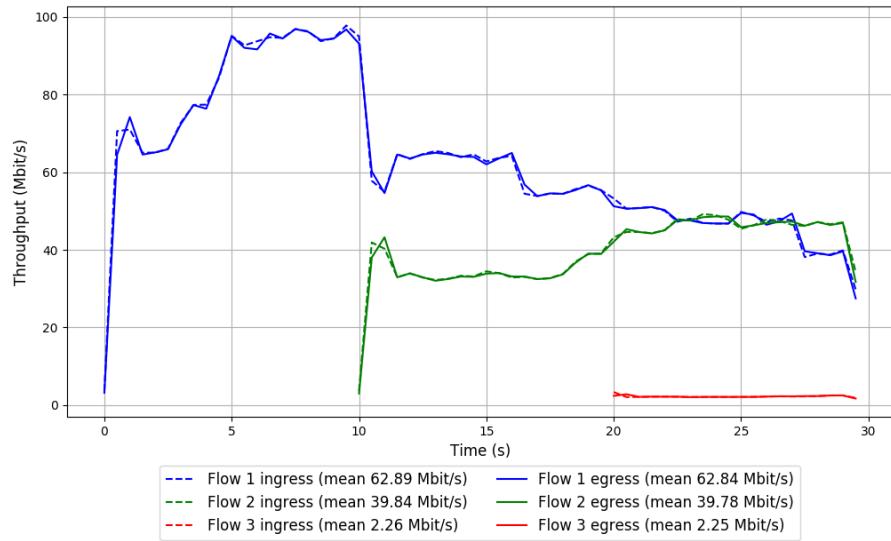


Run 3: Statistics of PCC

```
Start at: 2017-11-16 08:06:41
End at: 2017-11-16 08:07:11
Local clock offset: 1.765 ms
Remote clock offset: 1.369 ms

# Below is generated by plot.py at 2017-11-16 13:51:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.01 Mbit/s
95th percentile per-packet one-way delay: 46.274 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 62.84 Mbit/s
95th percentile per-packet one-way delay: 46.740 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 39.78 Mbit/s
95th percentile per-packet one-way delay: 34.816 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 51.542 ms
Loss rate: 0.78%
```

Run 3: Report of PCC — Data Link

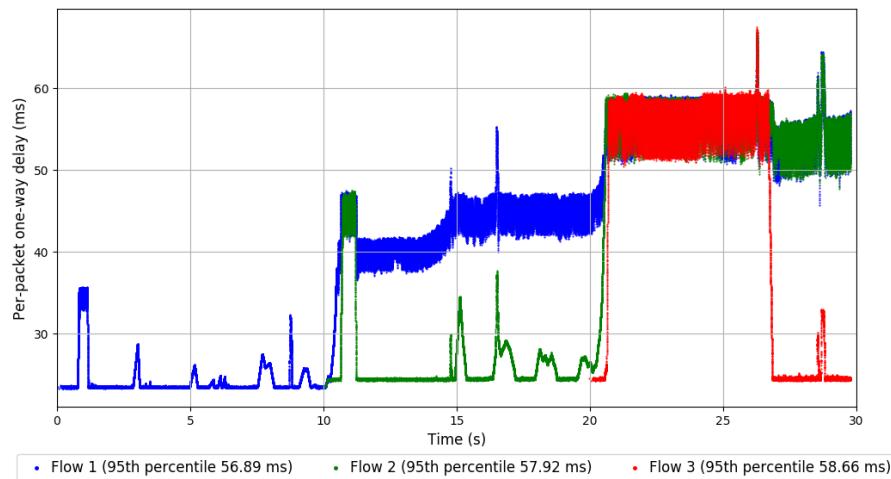
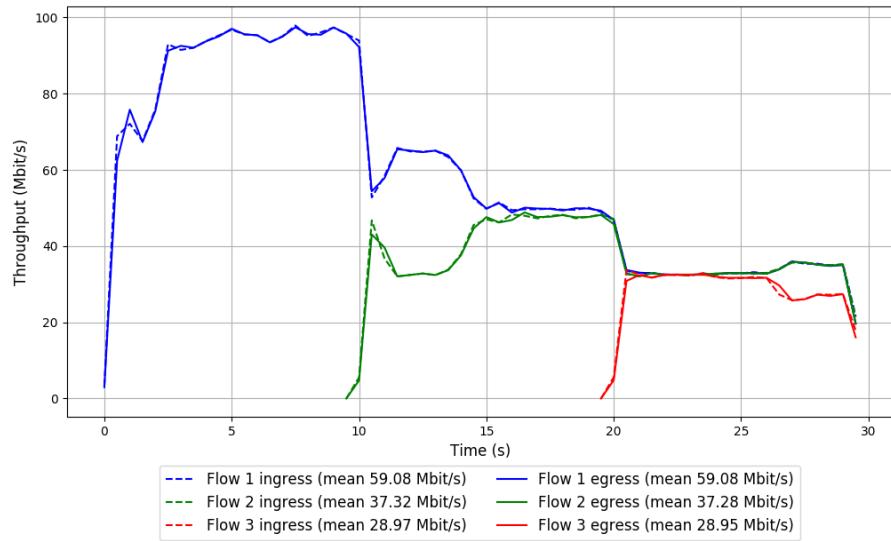


Run 4: Statistics of PCC

```
Start at: 2017-11-16 08:25:50
End at: 2017-11-16 08:26:20
Local clock offset: 2.317 ms
Remote clock offset: 1.557 ms

# Below is generated by plot.py at 2017-11-16 13:51:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.43 Mbit/s
95th percentile per-packet one-way delay: 57.761 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 59.08 Mbit/s
95th percentile per-packet one-way delay: 56.893 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 37.28 Mbit/s
95th percentile per-packet one-way delay: 57.925 ms
Loss rate: 0.41%
-- Flow 3:
Average throughput: 28.95 Mbit/s
95th percentile per-packet one-way delay: 58.664 ms
Loss rate: 0.64%
```

Run 4: Report of PCC — Data Link

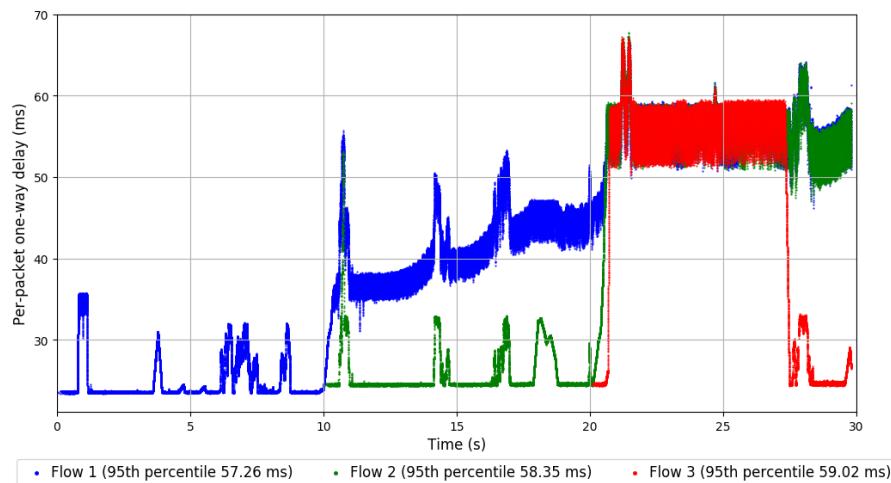
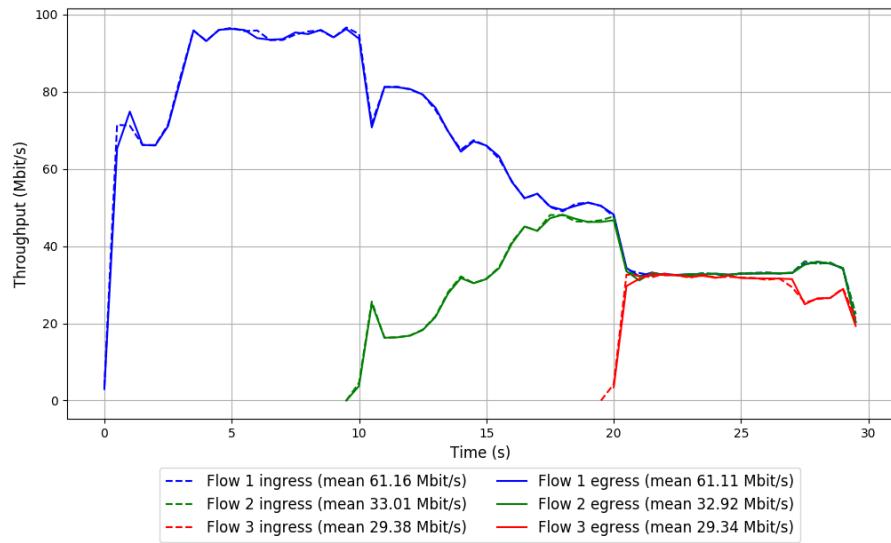


Run 5: Statistics of PCC

```
Start at: 2017-11-16 08:45:05
End at: 2017-11-16 08:45:35
Local clock offset: 2.571 ms
Remote clock offset: 1.971 ms

# Below is generated by plot.py at 2017-11-16 13:51:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.66 Mbit/s
95th percentile per-packet one-way delay: 58.117 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 61.11 Mbit/s
95th percentile per-packet one-way delay: 57.262 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 32.92 Mbit/s
95th percentile per-packet one-way delay: 58.351 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 29.34 Mbit/s
95th percentile per-packet one-way delay: 59.025 ms
Loss rate: 0.70%
```

Run 5: Report of PCC — Data Link

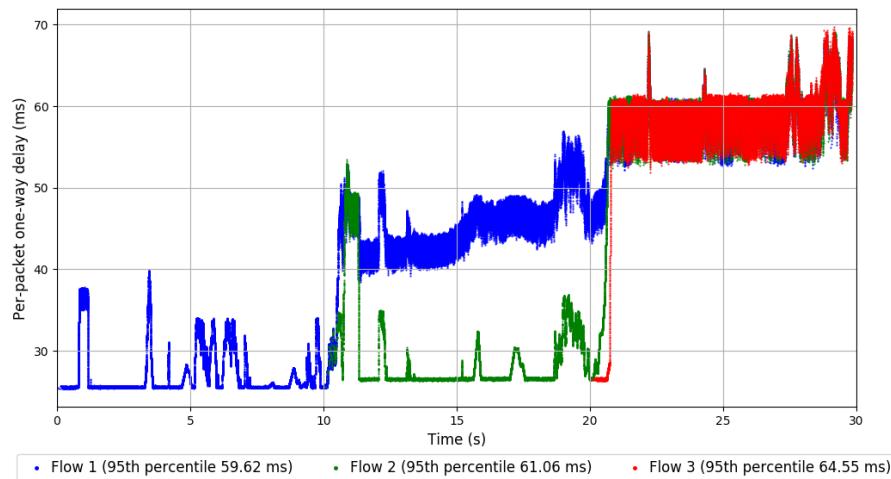
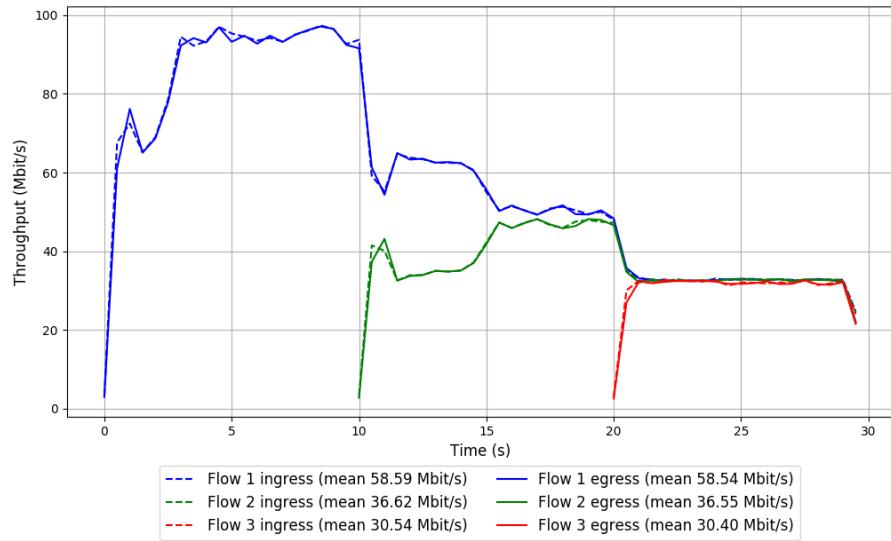


Run 6: Statistics of PCC

```
Start at: 2017-11-16 09:04:25
End at: 2017-11-16 09:04:55
Local clock offset: 2.101 ms
Remote clock offset: -0.29 ms

# Below is generated by plot.py at 2017-11-16 13:52:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.81 Mbit/s
95th percentile per-packet one-way delay: 60.625 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 58.54 Mbit/s
95th percentile per-packet one-way delay: 59.623 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 36.55 Mbit/s
95th percentile per-packet one-way delay: 61.062 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 30.40 Mbit/s
95th percentile per-packet one-way delay: 64.548 ms
Loss rate: 1.15%
```

Run 6: Report of PCC — Data Link

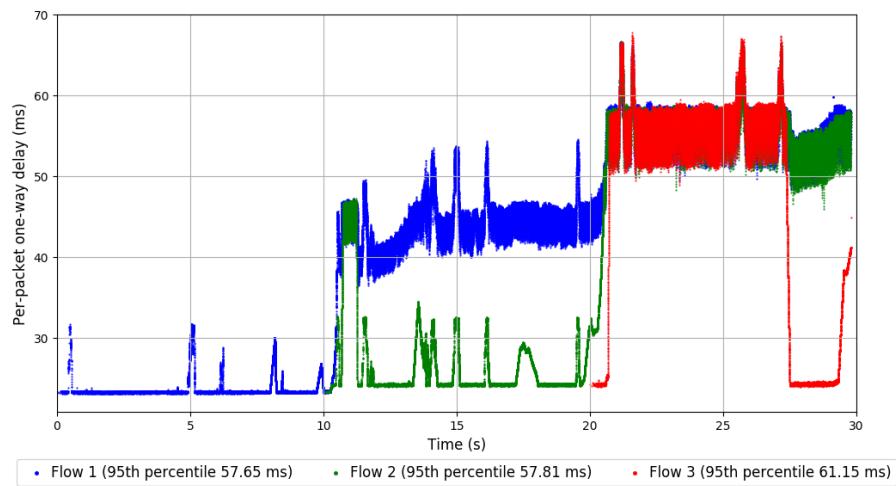
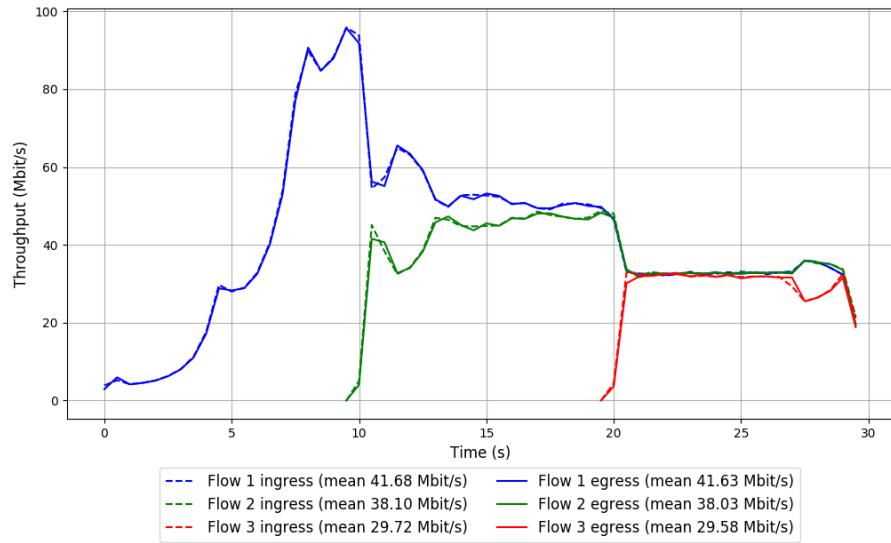


Run 7: Statistics of PCC

```
Start at: 2017-11-16 09:23:33
End at: 2017-11-16 09:24:03
Local clock offset: 1.91 ms
Remote clock offset: 1.599 ms

# Below is generated by plot.py at 2017-11-16 13:52:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 76.66 Mbit/s
95th percentile per-packet one-way delay: 58.024 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 41.63 Mbit/s
95th percentile per-packet one-way delay: 57.648 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 38.03 Mbit/s
95th percentile per-packet one-way delay: 57.814 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 29.58 Mbit/s
95th percentile per-packet one-way delay: 61.152 ms
Loss rate: 0.98%
```

Run 7: Report of PCC — Data Link

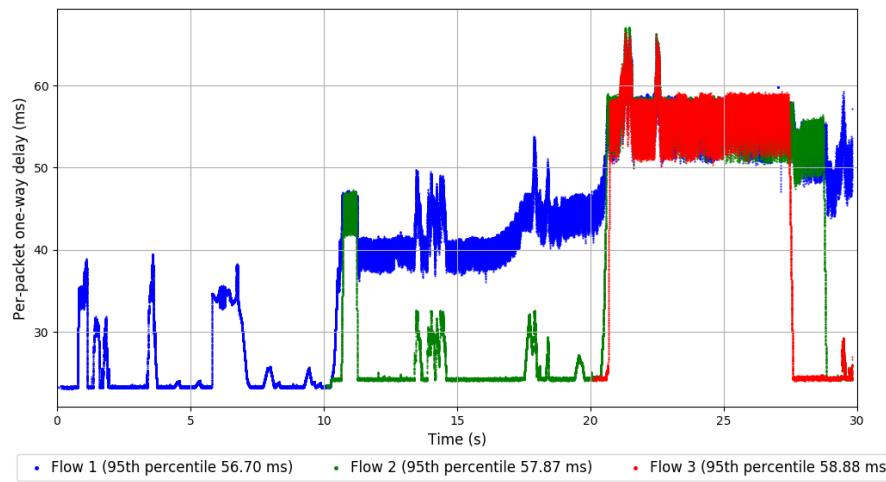
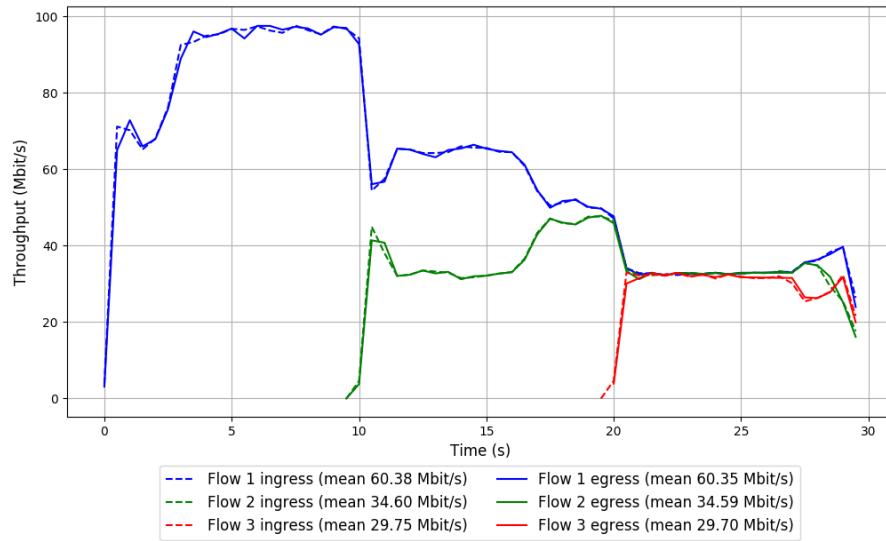


Run 8: Statistics of PCC

```
Start at: 2017-11-16 09:42:39
End at: 2017-11-16 09:43:09
Local clock offset: 1.739 ms
Remote clock offset: 1.511 ms

# Below is generated by plot.py at 2017-11-16 13:52:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.14 Mbit/s
95th percentile per-packet one-way delay: 57.690 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 60.35 Mbit/s
95th percentile per-packet one-way delay: 56.705 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 34.59 Mbit/s
95th percentile per-packet one-way delay: 57.872 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 29.70 Mbit/s
95th percentile per-packet one-way delay: 58.880 ms
Loss rate: 0.70%
```

Run 8: Report of PCC — Data Link

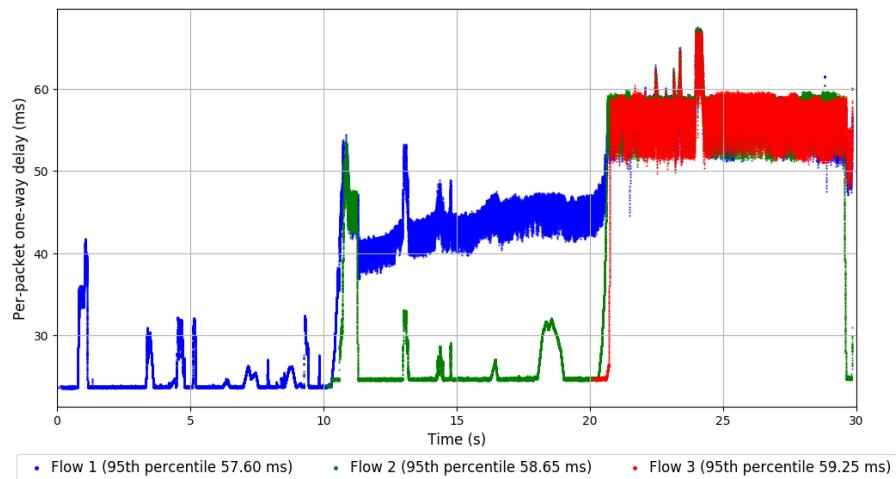
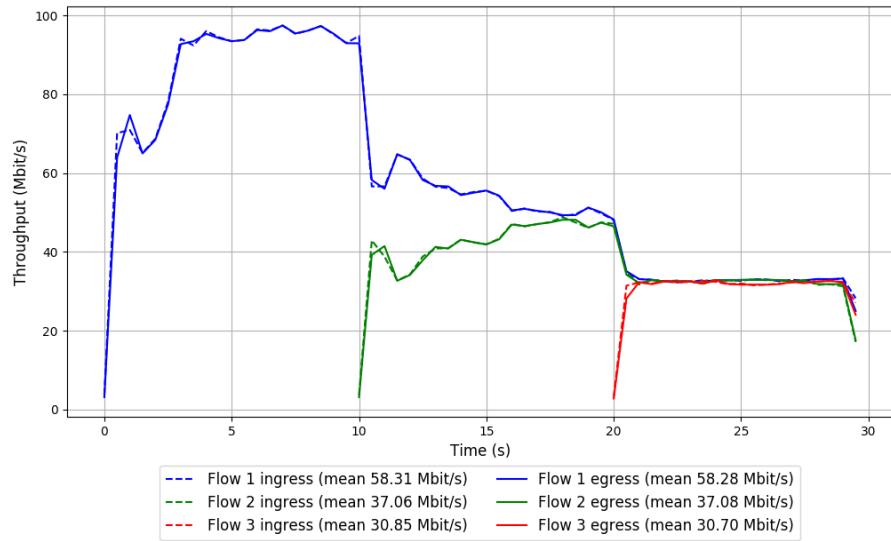


Run 9: Statistics of PCC

```
Start at: 2017-11-16 10:01:45
End at: 2017-11-16 10:02:15
Local clock offset: 1.467 ms
Remote clock offset: 1.285 ms

# Below is generated by plot.py at 2017-11-16 13:52:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.01 Mbit/s
95th percentile per-packet one-way delay: 58.379 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 58.28 Mbit/s
95th percentile per-packet one-way delay: 57.605 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 37.08 Mbit/s
95th percentile per-packet one-way delay: 58.652 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 30.70 Mbit/s
95th percentile per-packet one-way delay: 59.254 ms
Loss rate: 1.11%
```

Run 9: Report of PCC — Data Link

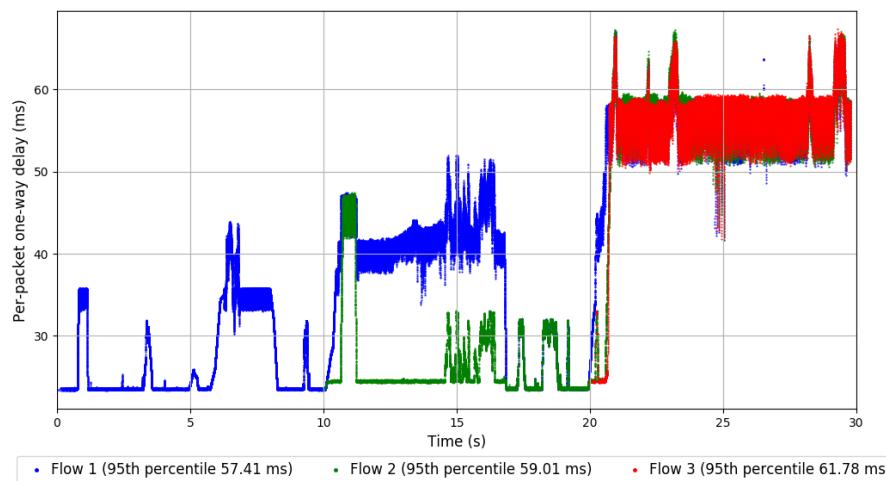
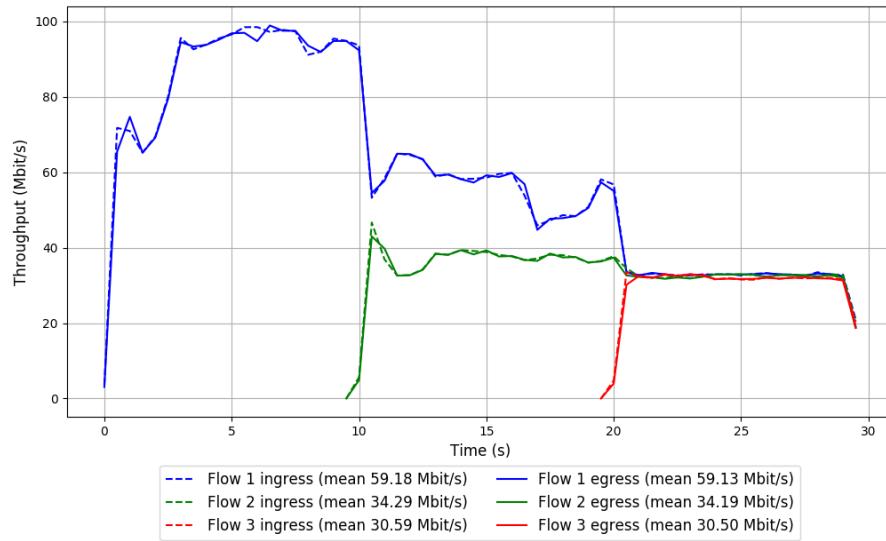


Run 10: Statistics of PCC

```
Start at: 2017-11-16 10:20:54
End at: 2017-11-16 10:21:24
Local clock offset: 1.014 ms
Remote clock offset: 1.295 ms

# Below is generated by plot.py at 2017-11-16 13:53:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.94 Mbit/s
95th percentile per-packet one-way delay: 58.433 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 59.13 Mbit/s
95th percentile per-packet one-way delay: 57.413 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 34.19 Mbit/s
95th percentile per-packet one-way delay: 59.010 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 30.50 Mbit/s
95th percentile per-packet one-way delay: 61.777 ms
Loss rate: 0.99%
```

Run 10: Report of PCC — Data Link

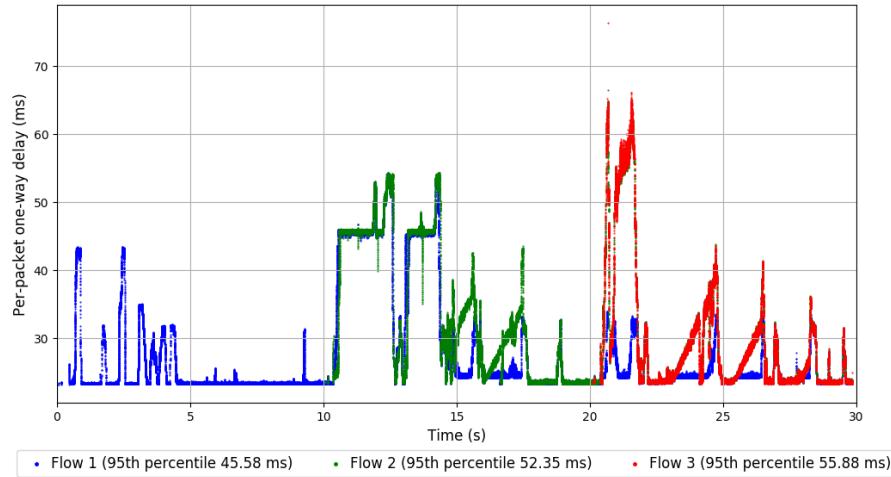
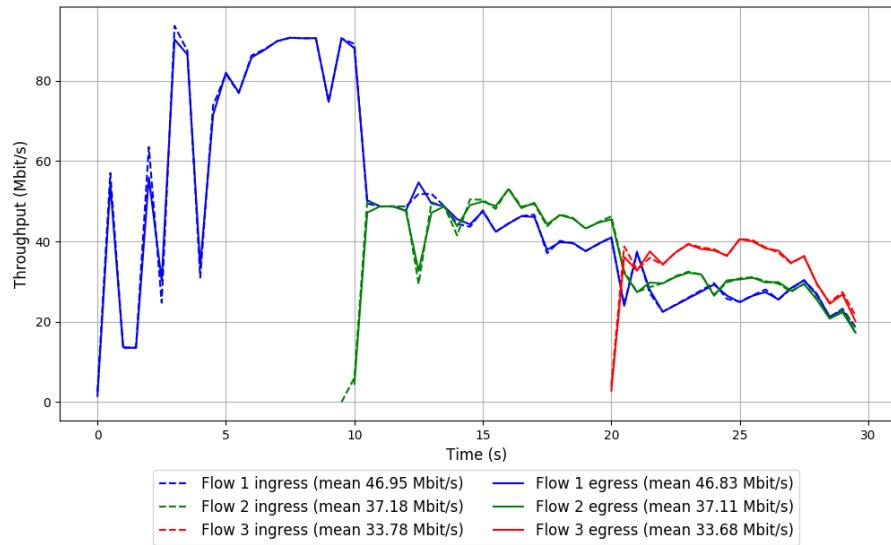


```
Run 1: Statistics of QUIC Cubic

Start at: 2017-11-16 07:36:29
End at: 2017-11-16 07:36:59
Local clock offset: 0.755 ms
Remote clock offset: -0.348 ms

# Below is generated by plot.py at 2017-11-16 13:53:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 82.58 Mbit/s
95th percentile per-packet one-way delay: 46.166 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 46.83 Mbit/s
95th percentile per-packet one-way delay: 45.584 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 37.11 Mbit/s
95th percentile per-packet one-way delay: 52.351 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 33.68 Mbit/s
95th percentile per-packet one-way delay: 55.877 ms
Loss rate: 0.81%
```

Run 1: Report of QUIC Cubic — Data Link

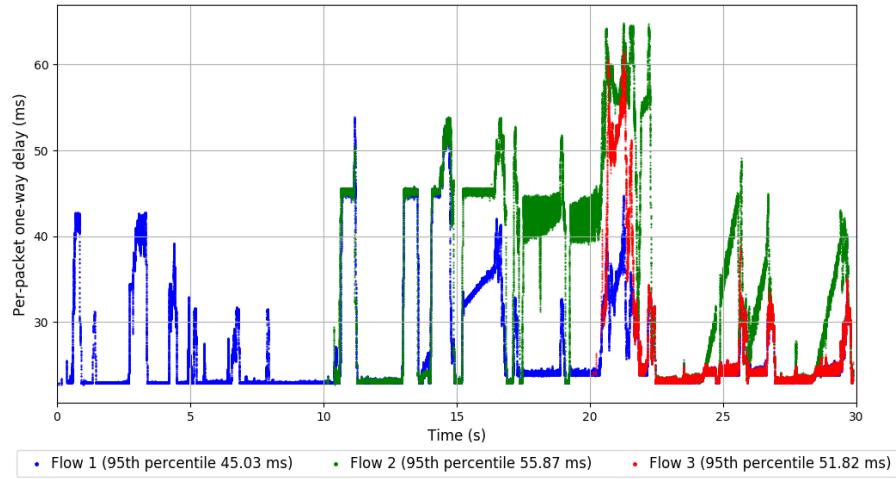
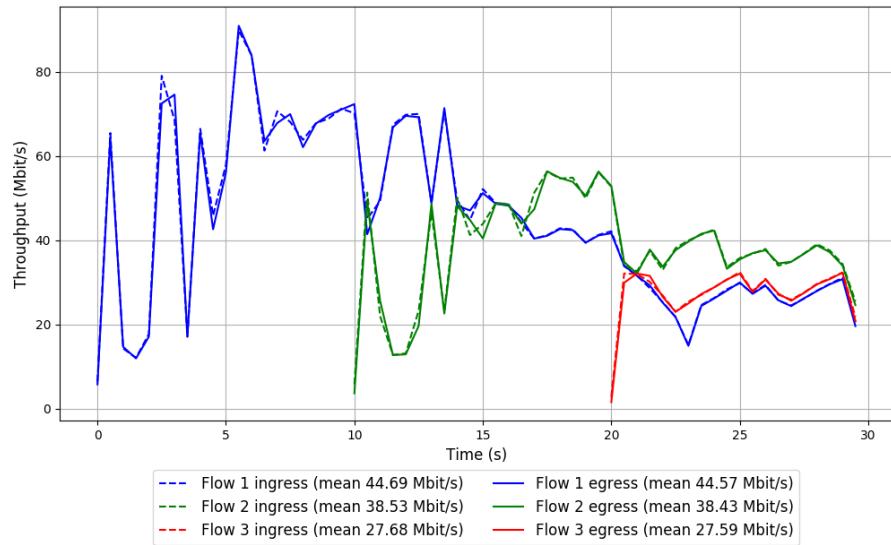


Run 2: Statistics of QUIC Cubic

```
Start at: 2017-11-16 07:55:48
End at: 2017-11-16 07:56:18
Local clock offset: 1.37 ms
Remote clock offset: 0.817 ms

# Below is generated by plot.py at 2017-11-16 13:53:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.14 Mbit/s
95th percentile per-packet one-way delay: 49.570 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 44.57 Mbit/s
95th percentile per-packet one-way delay: 45.033 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 38.43 Mbit/s
95th percentile per-packet one-way delay: 55.871 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 27.59 Mbit/s
95th percentile per-packet one-way delay: 51.822 ms
Loss rate: 0.85%
```

Run 2: Report of QUIC Cubic — Data Link

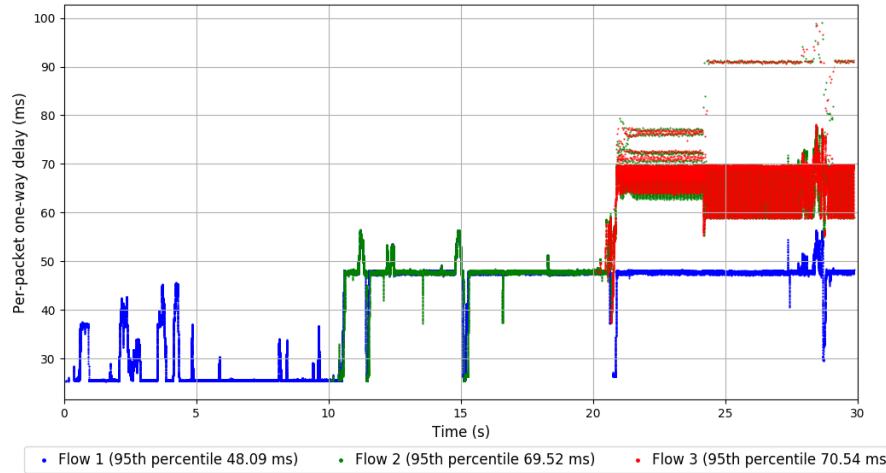
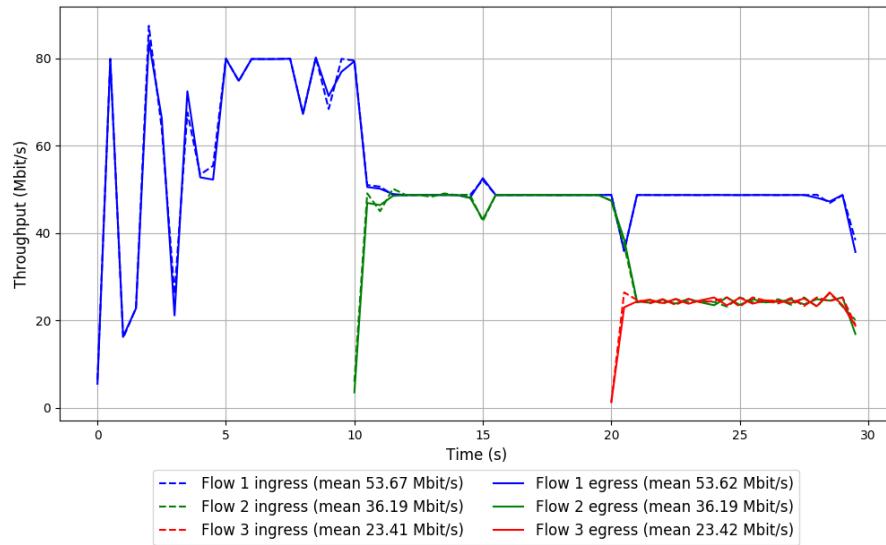


Run 3: Statistics of QUIC Cubic

```
Start at: 2017-11-16 08:15:03
End at: 2017-11-16 08:15:33
Local clock offset: 1.893 ms
Remote clock offset: -1.014 ms

# Below is generated by plot.py at 2017-11-16 13:53:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.34 Mbit/s
95th percentile per-packet one-way delay: 69.361 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 53.62 Mbit/s
95th percentile per-packet one-way delay: 48.087 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 36.19 Mbit/s
95th percentile per-packet one-way delay: 69.519 ms
Loss rate: 0.41%
-- Flow 3:
Average throughput: 23.42 Mbit/s
95th percentile per-packet one-way delay: 70.536 ms
Loss rate: 0.94%
```

Run 3: Report of QUIC Cubic — Data Link

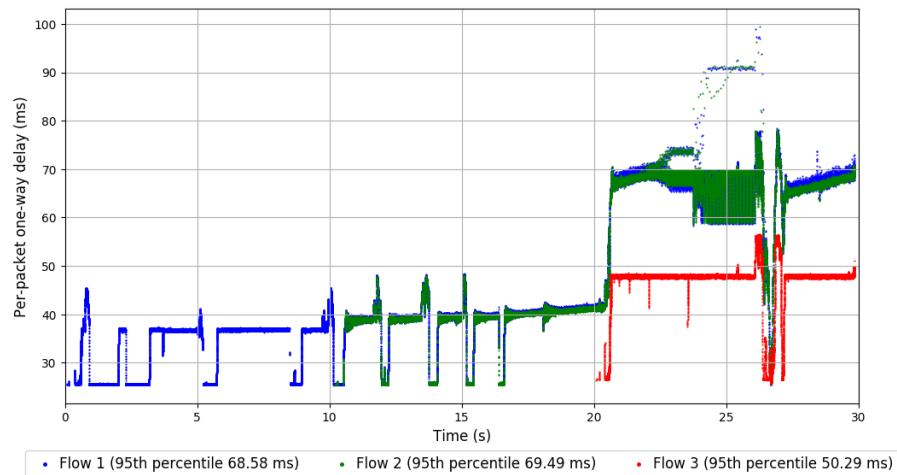
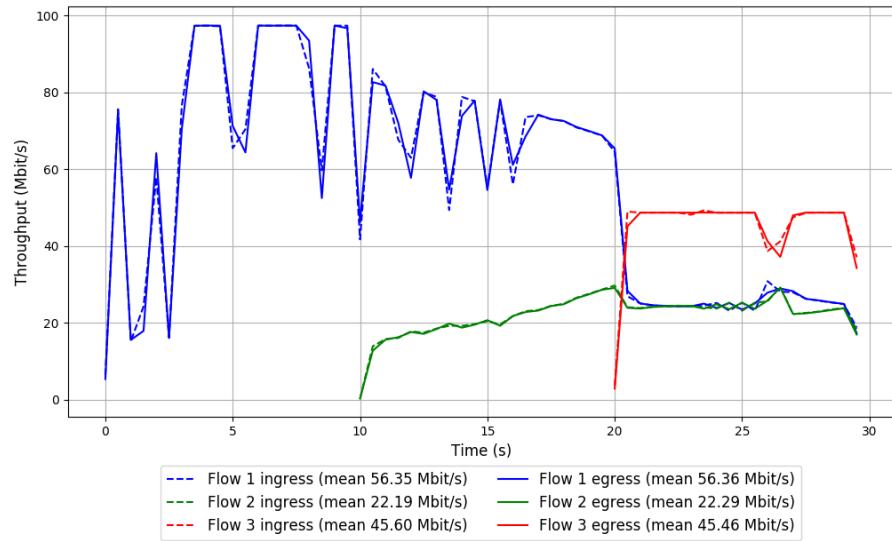


Run 4: Statistics of QUIC Cubic

```
Start at: 2017-11-16 08:34:14
End at: 2017-11-16 08:34:44
Local clock offset: 2.488 ms
Remote clock offset: -0.355 ms

# Below is generated by plot.py at 2017-11-16 13:53:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.98 Mbit/s
95th percentile per-packet one-way delay: 68.888 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 56.36 Mbit/s
95th percentile per-packet one-way delay: 68.582 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 22.29 Mbit/s
95th percentile per-packet one-way delay: 69.489 ms
Loss rate: 0.65%
-- Flow 3:
Average throughput: 45.46 Mbit/s
95th percentile per-packet one-way delay: 50.291 ms
Loss rate: 0.93%
```

Run 4: Report of QUIC Cubic — Data Link

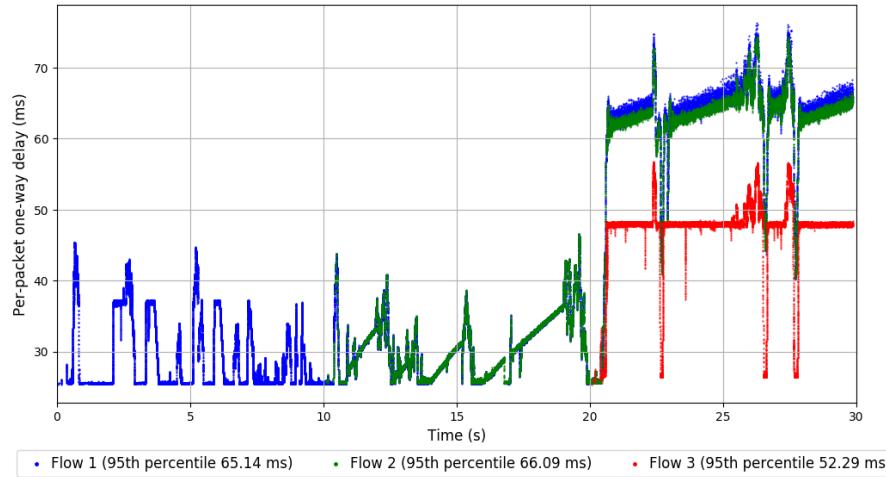
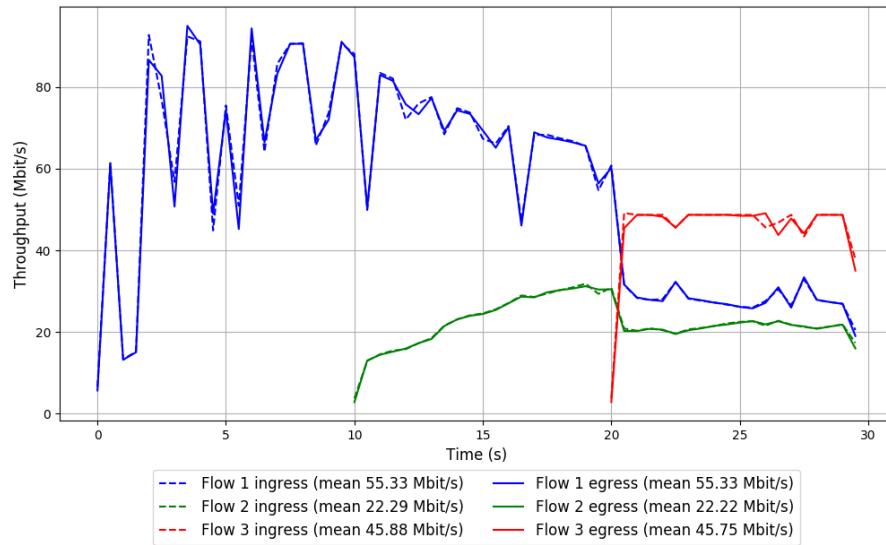


```
Run 5: Statistics of QUIC Cubic
```

```
Start at: 2017-11-16 08:53:32
End at: 2017-11-16 08:54:02
Local clock offset: 2.426 ms
Remote clock offset: 0.101 ms

# Below is generated by plot.py at 2017-11-16 13:53:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.13 Mbit/s
95th percentile per-packet one-way delay: 65.091 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 55.33 Mbit/s
95th percentile per-packet one-way delay: 65.135 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 22.22 Mbit/s
95th percentile per-packet one-way delay: 66.094 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 45.75 Mbit/s
95th percentile per-packet one-way delay: 52.294 ms
Loss rate: 0.90%
```

Run 5: Report of QUIC Cubic — Data Link

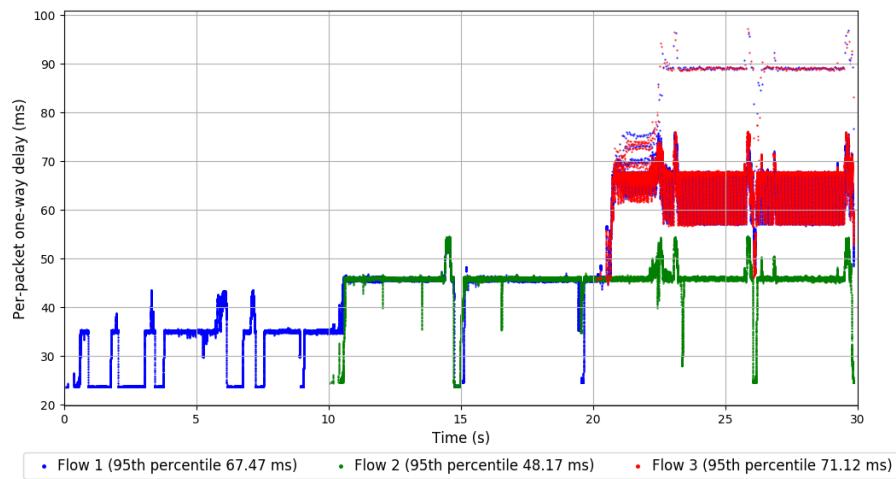
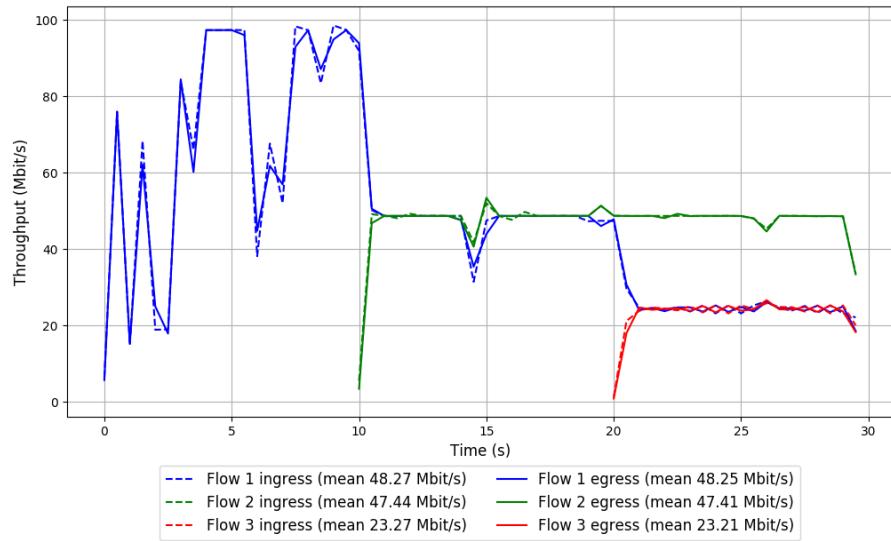


Run 6: Statistics of QUIC Cubic

```
Start at: 2017-11-16 09:12:46
End at: 2017-11-16 09:13:16
Local clock offset: 1.958 ms
Remote clock offset: 1.417 ms

# Below is generated by plot.py at 2017-11-16 13:54:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.32 Mbit/s
95th percentile per-packet one-way delay: 67.516 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 48.25 Mbit/s
95th percentile per-packet one-way delay: 67.465 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 47.41 Mbit/s
95th percentile per-packet one-way delay: 48.171 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 23.21 Mbit/s
95th percentile per-packet one-way delay: 71.123 ms
Loss rate: 1.28%
```

Run 6: Report of QUIC Cubic — Data Link

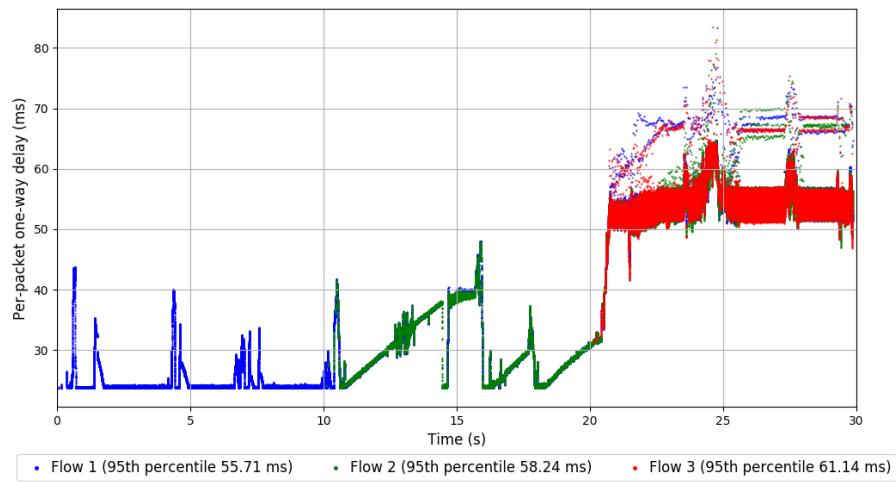
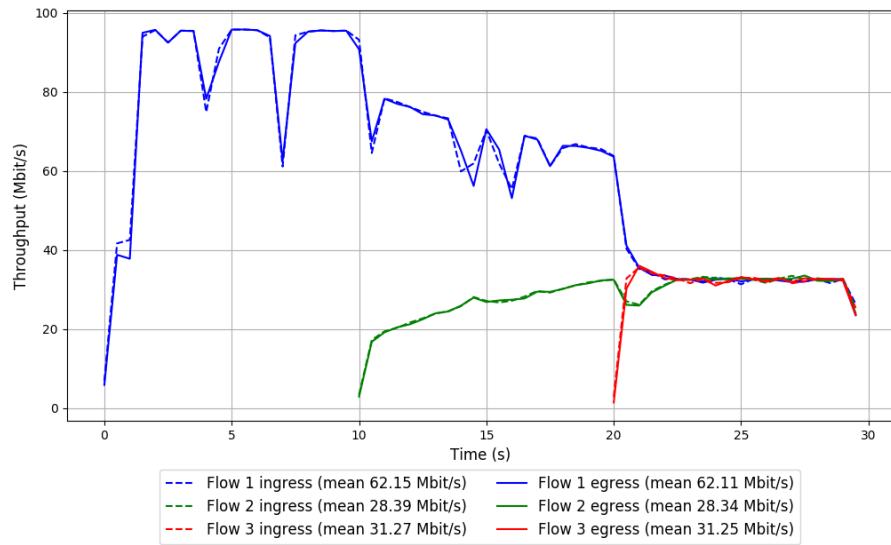


Run 7: Statistics of QUIC Cubic

```
Start at: 2017-11-16 09:31:53
End at: 2017-11-16 09:32:23
Local clock offset: 1.852 ms
Remote clock offset: 1.039 ms

# Below is generated by plot.py at 2017-11-16 13:54:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.18 Mbit/s
95th percentile per-packet one-way delay: 56.733 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 62.11 Mbit/s
95th percentile per-packet one-way delay: 55.712 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 28.34 Mbit/s
95th percentile per-packet one-way delay: 58.245 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 31.25 Mbit/s
95th percentile per-packet one-way delay: 61.138 ms
Loss rate: 0.90%
```

Run 7: Report of QUIC Cubic — Data Link

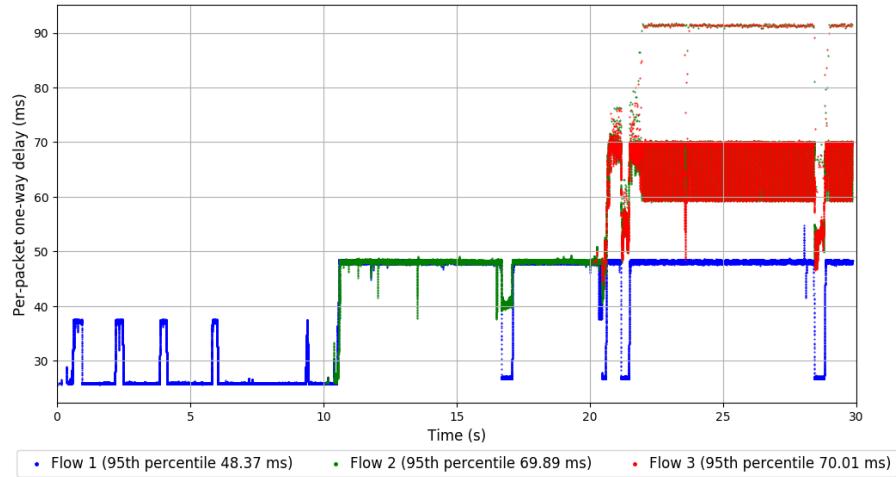
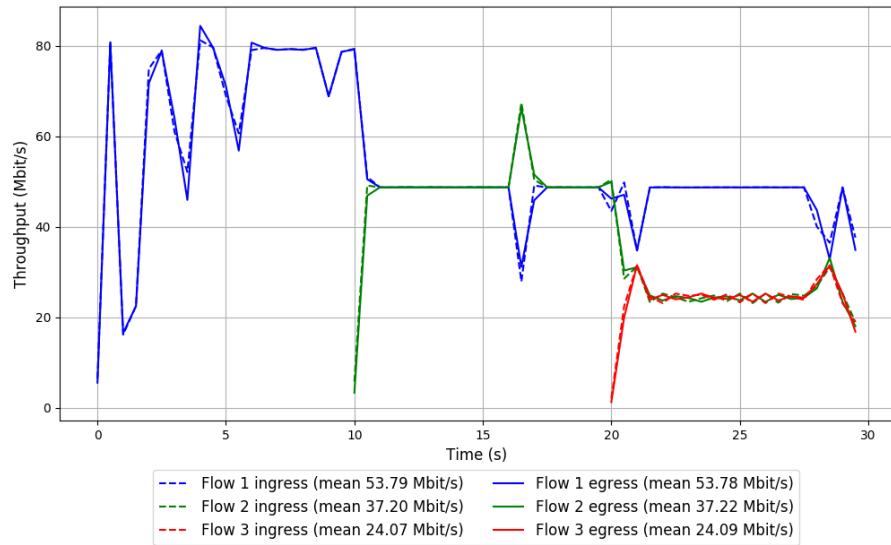


Run 8: Statistics of QUIC Cubic

```
Start at: 2017-11-16 09:51:00
End at: 2017-11-16 09:51:30
Local clock offset: 1.625 ms
Remote clock offset: -0.982 ms

# Below is generated by plot.py at 2017-11-16 13:54:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.39 Mbit/s
95th percentile per-packet one-way delay: 69.736 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 53.78 Mbit/s
95th percentile per-packet one-way delay: 48.367 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 37.22 Mbit/s
95th percentile per-packet one-way delay: 69.895 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 24.09 Mbit/s
95th percentile per-packet one-way delay: 70.013 ms
Loss rate: 0.90%
```

Run 8: Report of QUIC Cubic — Data Link

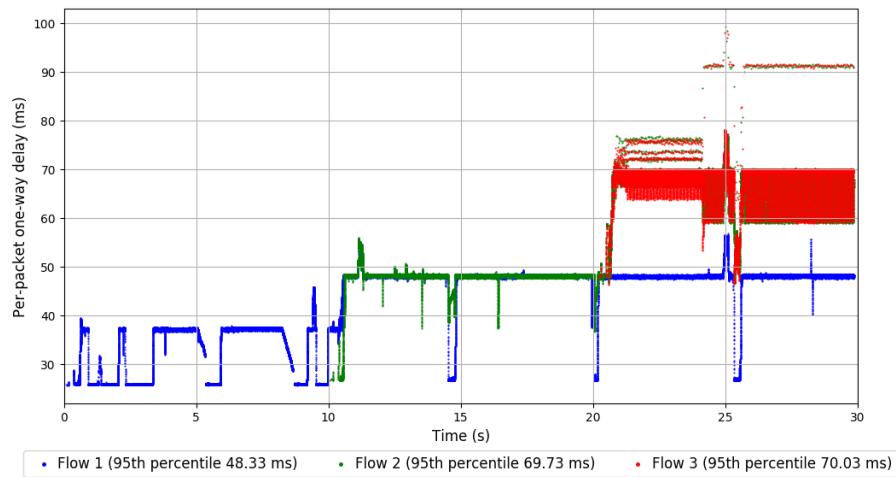
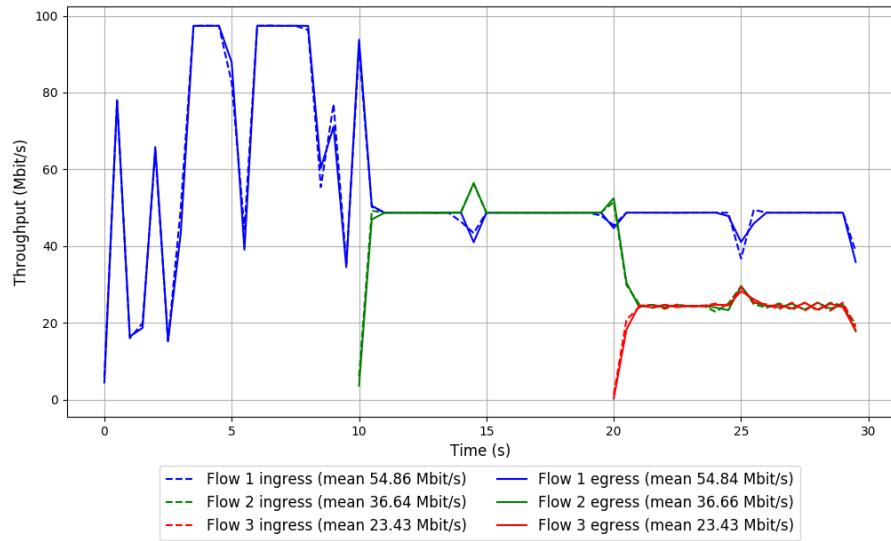


Run 9: Statistics of QUIC Cubic

```
Start at: 2017-11-16 10:10:07
End at: 2017-11-16 10:10:37
Local clock offset: 1.27 ms
Remote clock offset: -0.614 ms

# Below is generated by plot.py at 2017-11-16 13:54:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.85 Mbit/s
95th percentile per-packet one-way delay: 69.601 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 54.84 Mbit/s
95th percentile per-packet one-way delay: 48.327 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 36.66 Mbit/s
95th percentile per-packet one-way delay: 69.735 ms
Loss rate: 0.37%
-- Flow 3:
Average throughput: 23.43 Mbit/s
95th percentile per-packet one-way delay: 70.032 ms
Loss rate: 0.94%
```

Run 9: Report of QUIC Cubic — Data Link

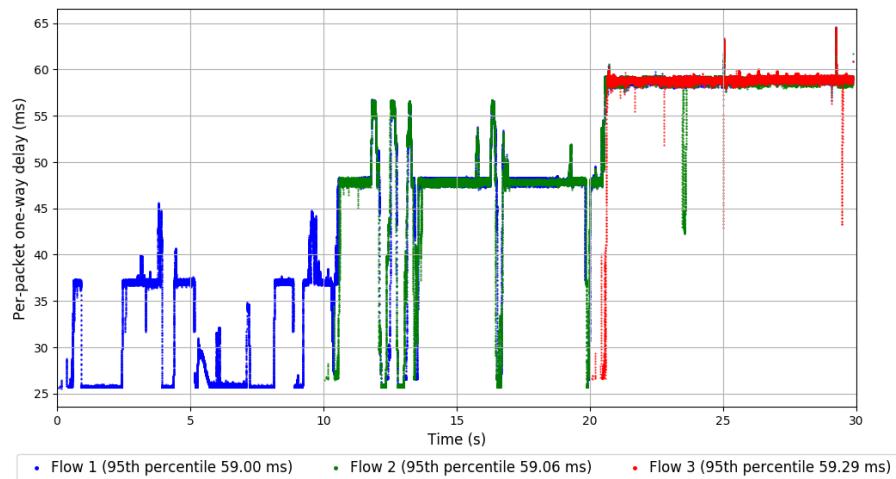
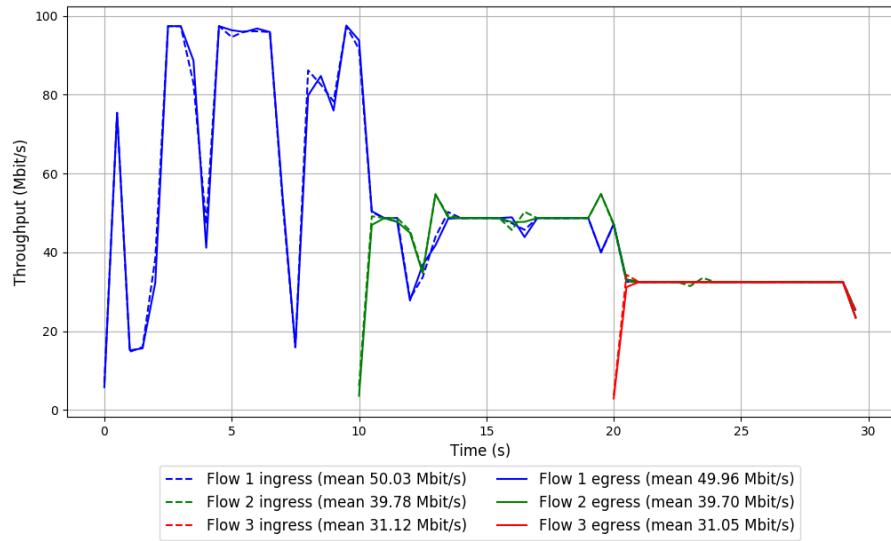


```
Run 10: Statistics of QUIC Cubic

Start at: 2017-11-16 10:29:32
End at: 2017-11-16 10:30:02
Local clock offset: 1.026 ms
Remote clock offset: -1.202 ms

# Below is generated by plot.py at 2017-11-16 13:54:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.55 Mbit/s
95th percentile per-packet one-way delay: 59.118 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 49.96 Mbit/s
95th percentile per-packet one-way delay: 59.003 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 39.70 Mbit/s
95th percentile per-packet one-way delay: 59.057 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 31.05 Mbit/s
95th percentile per-packet one-way delay: 59.287 ms
Loss rate: 0.92%
```

Run 10: Report of QUIC Cubic — Data Link

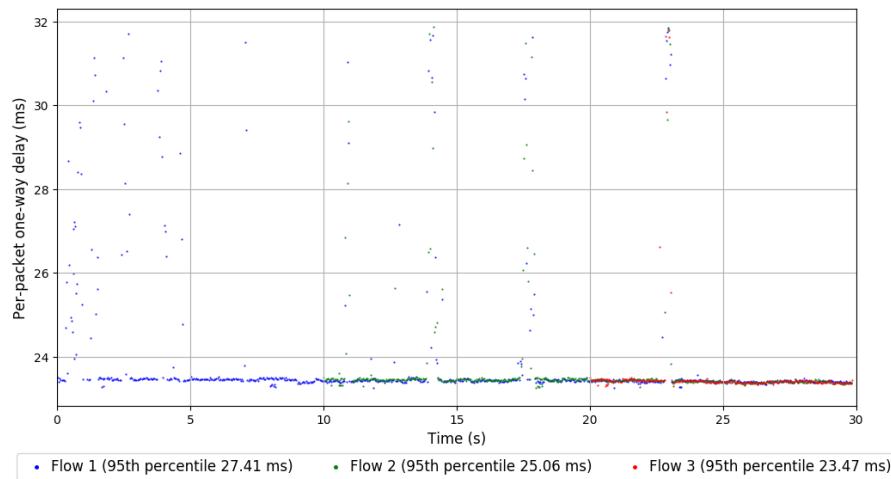
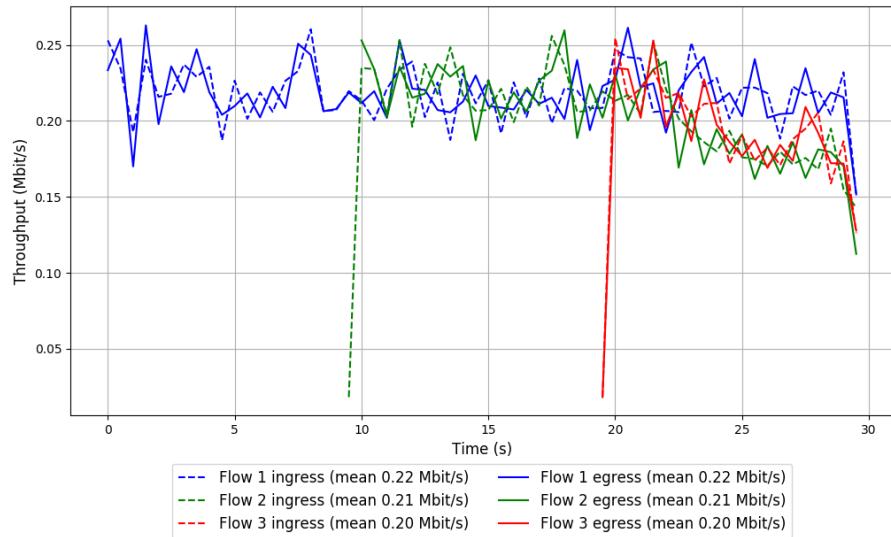


```
Run 1: Statistics of SCReAM

Start at: 2017-11-16 07:26:45
End at: 2017-11-16 07:27:15
Local clock offset: 0.58 ms
Remote clock offset: -0.407 ms

# Below is generated by plot.py at 2017-11-16 13:54:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 26.374 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 27.405 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 25.057 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 23.473 ms
Loss rate: 0.83%
```

Run 1: Report of SCReAM — Data Link

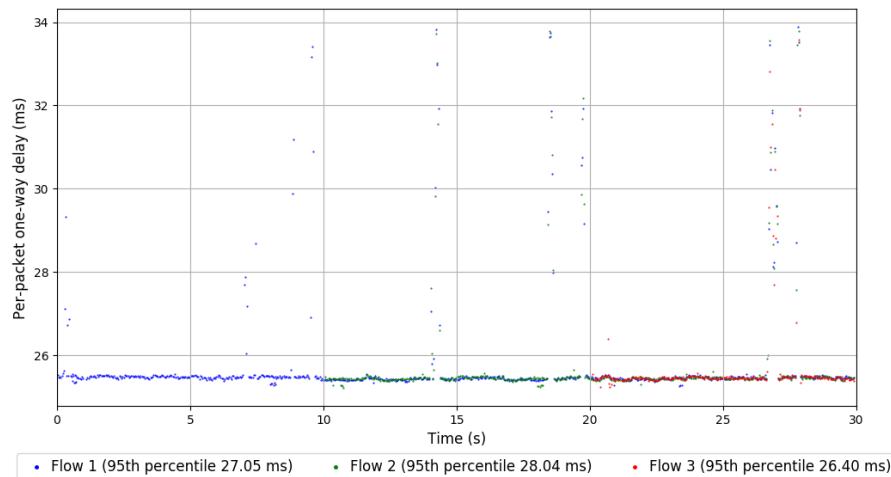
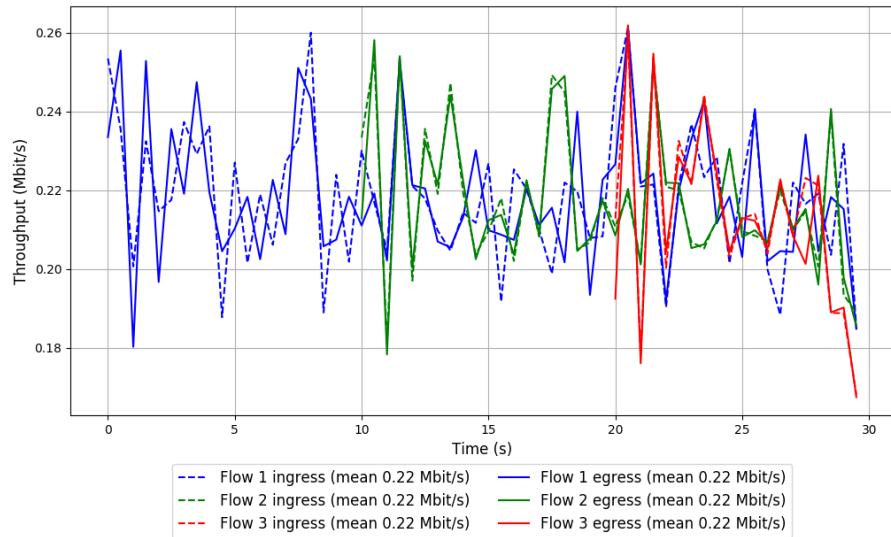


Run 2: Statistics of SCReAM

```
Start at: 2017-11-16 07:46:00
End at: 2017-11-16 07:46:30
Local clock offset: 1.081 ms
Remote clock offset: -2.121 ms

# Below is generated by plot.py at 2017-11-16 13:54:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 27.118 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 27.053 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.041 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 26.400 ms
Loss rate: 0.82%
```

Run 2: Report of SCReAM — Data Link

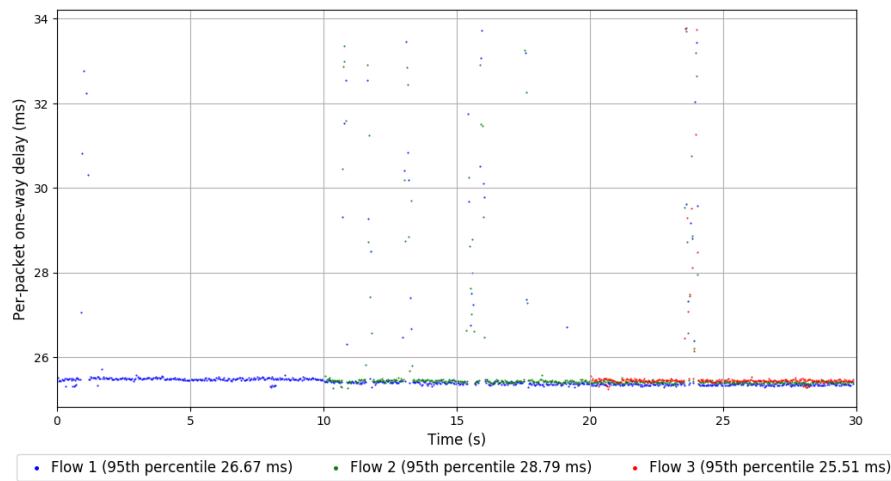
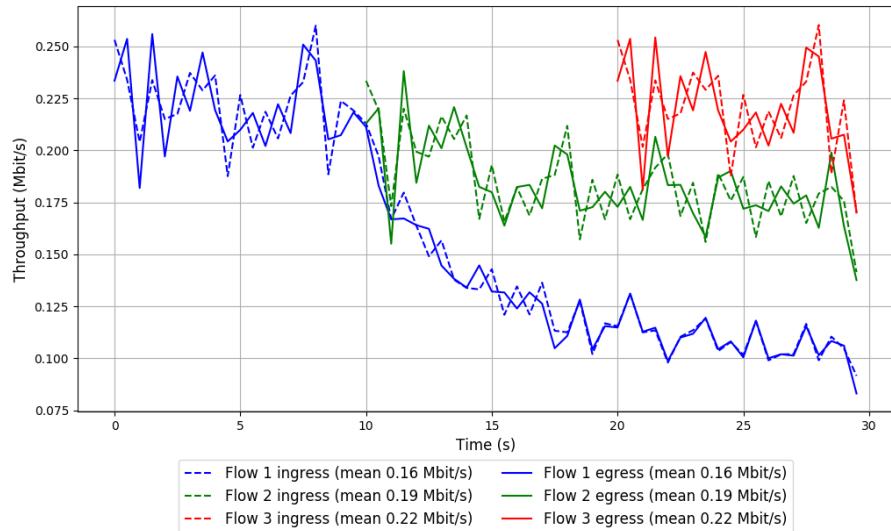


Run 3: Statistics of SCReAM

```
Start at: 2017-11-16 08:05:24
End at: 2017-11-16 08:05:54
Local clock offset: 1.638 ms
Remote clock offset: -1.257 ms

# Below is generated by plot.py at 2017-11-16 13:54:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 27.312 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 26.671 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 28.792 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.511 ms
Loss rate: 0.35%
```

Run 3: Report of SCReAM — Data Link

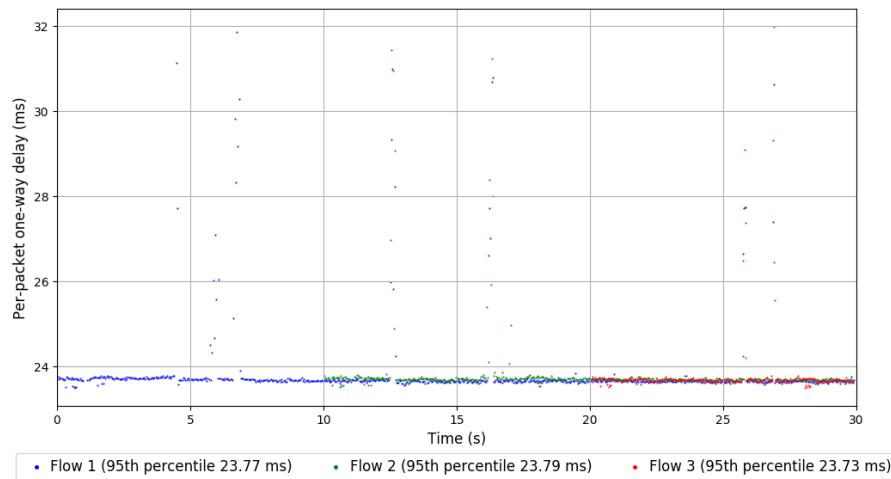
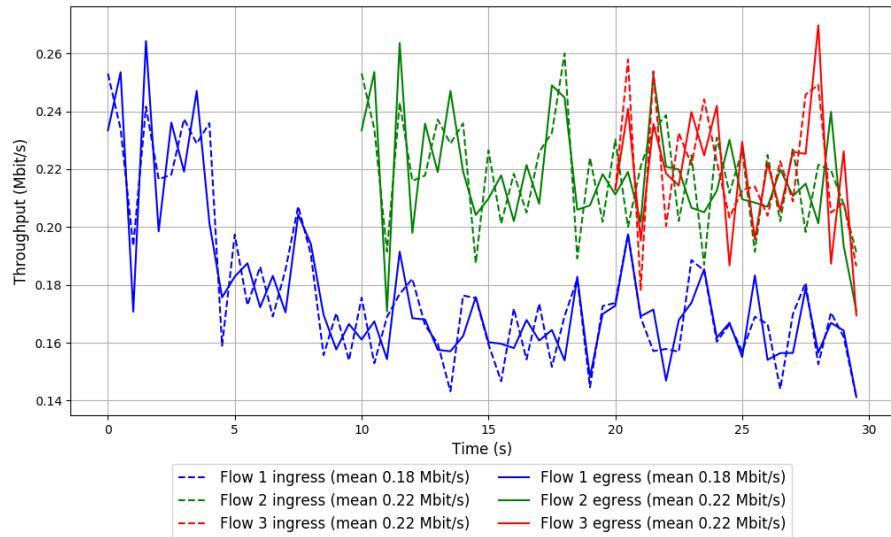


Run 4: Statistics of SCReAM

```
Start at: 2017-11-16 08:24:33
End at: 2017-11-16 08:25:03
Local clock offset: 2.275 ms
Remote clock offset: 1.415 ms

# Below is generated by plot.py at 2017-11-16 13:54:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 23.768 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 23.768 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.785 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.727 ms
Loss rate: 0.39%
```

Run 4: Report of SCReAM — Data Link

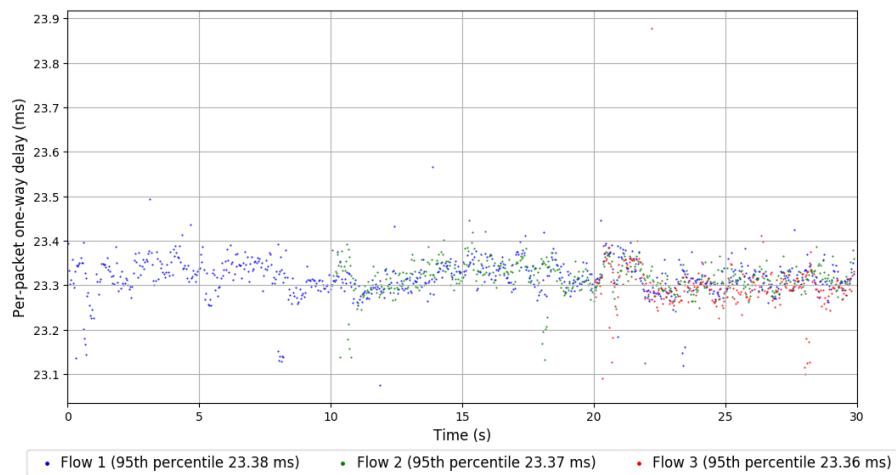
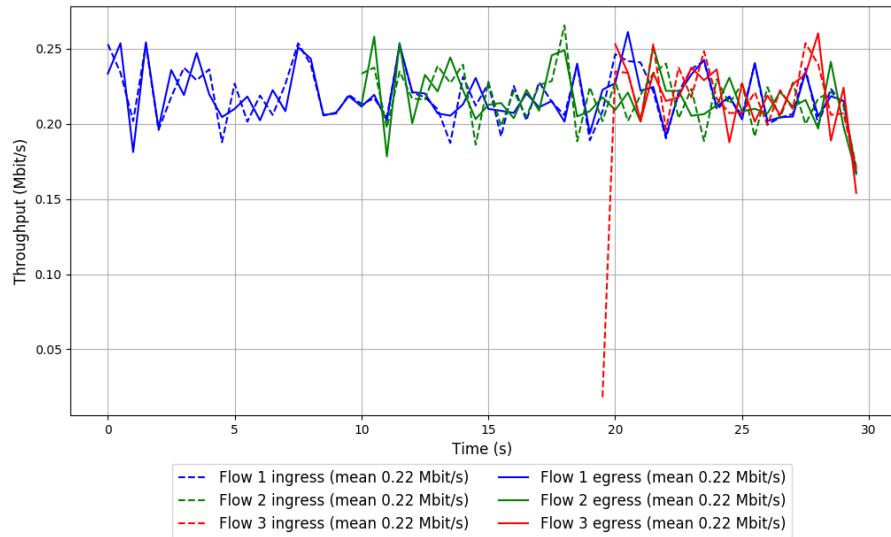


Run 5: Statistics of SCReAM

```
Start at: 2017-11-16 08:43:47
End at: 2017-11-16 08:44:17
Local clock offset: 2.606 ms
Remote clock offset: 2.294 ms

# Below is generated by plot.py at 2017-11-16 13:54:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 23.373 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.376 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.370 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.359 ms
Loss rate: 0.35%
```

Run 5: Report of SCReAM — Data Link

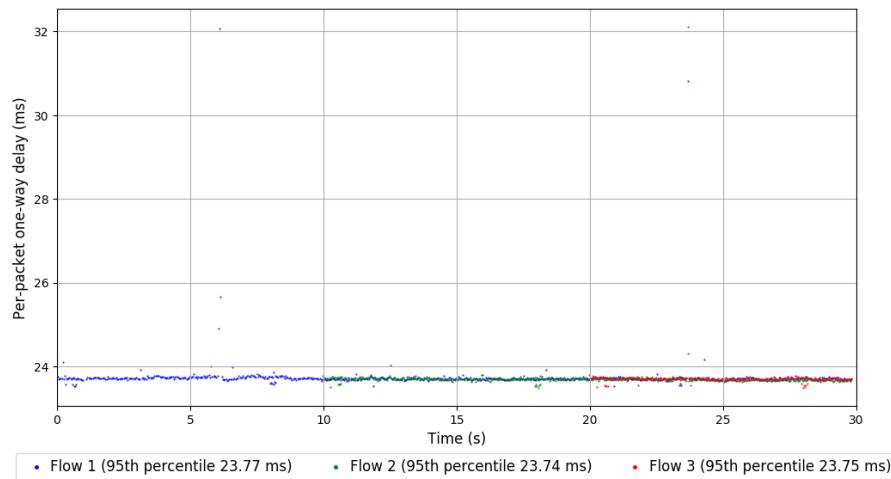
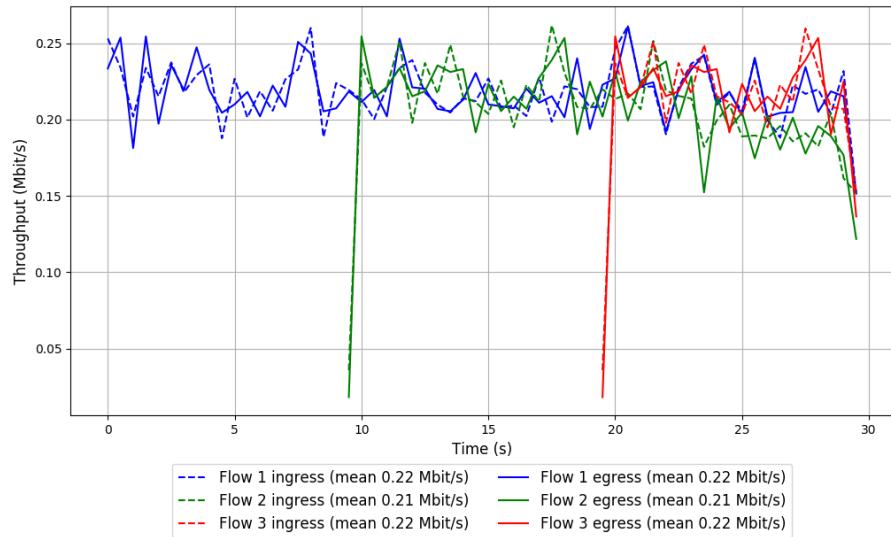


Run 6: Statistics of SCReAM

```
Start at: 2017-11-16 09:03:07
End at: 2017-11-16 09:03:37
Local clock offset: 2.215 ms
Remote clock offset: 1.679 ms

# Below is generated by plot.py at 2017-11-16 13:54:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 23.753 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.769 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 23.737 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.748 ms
Loss rate: 0.35%
```

Run 6: Report of SCReAM — Data Link

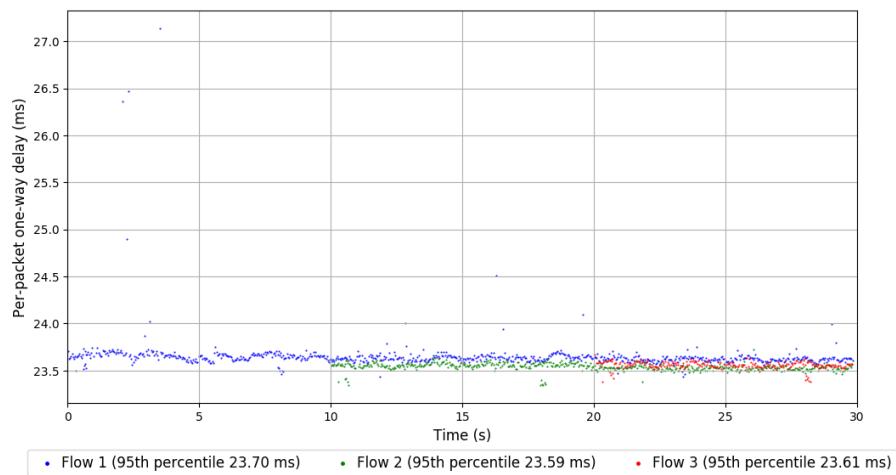
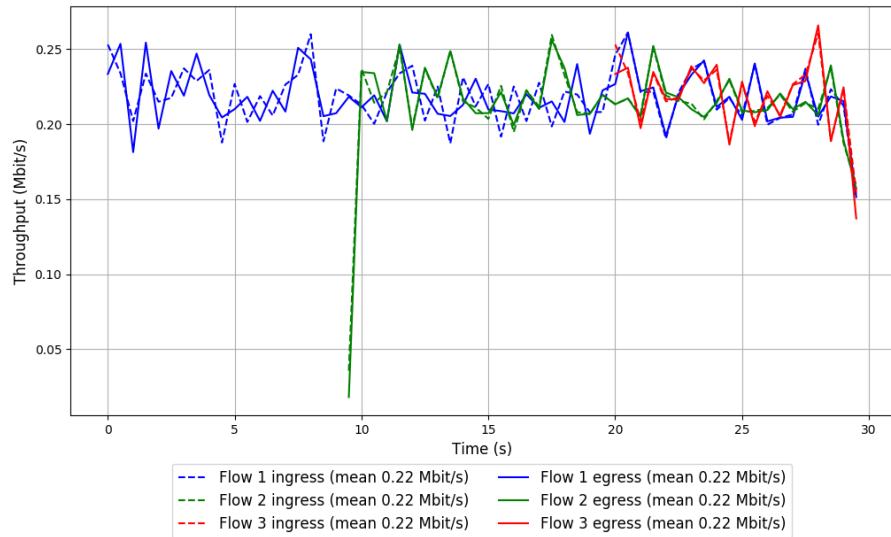


Run 7: Statistics of SCReAM

```
Start at: 2017-11-16 09:22:16
End at: 2017-11-16 09:22:46
Local clock offset: 1.928 ms
Remote clock offset: 1.301 ms

# Below is generated by plot.py at 2017-11-16 13:54:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 23.689 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.705 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.595 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.606 ms
Loss rate: 0.76%
```

Run 7: Report of SCReAM — Data Link

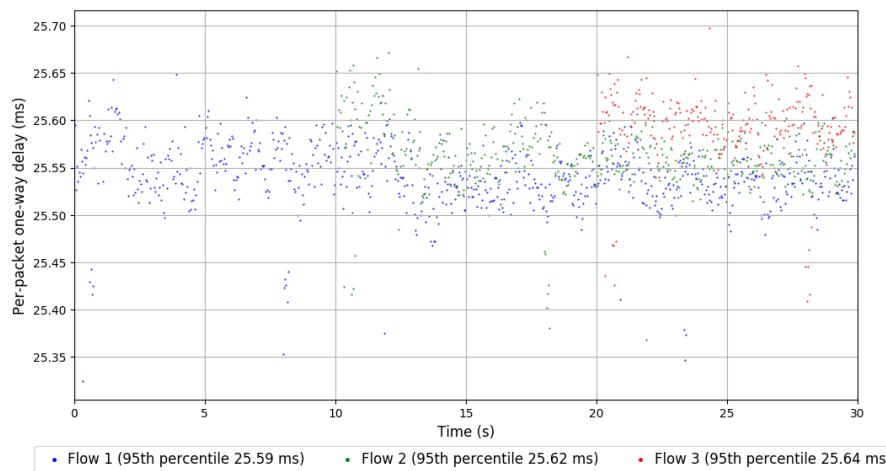
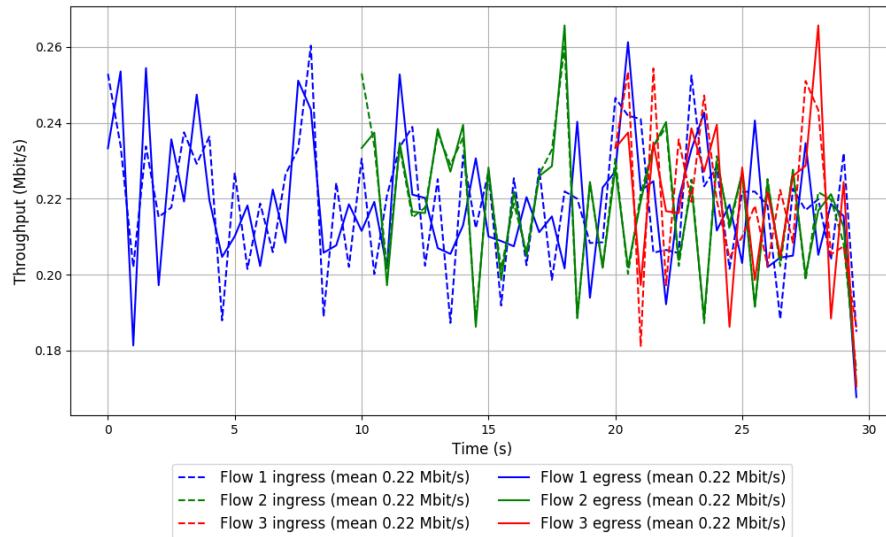


Run 8: Statistics of SCReAM

```
Start at: 2017-11-16 09:41:22
End at: 2017-11-16 09:41:52
Local clock offset: 1.656 ms
Remote clock offset: -0.88 ms

# Below is generated by plot.py at 2017-11-16 13:54:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 25.618 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.593 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.618 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.642 ms
Loss rate: 0.35%
```

Run 8: Report of SCReAM — Data Link

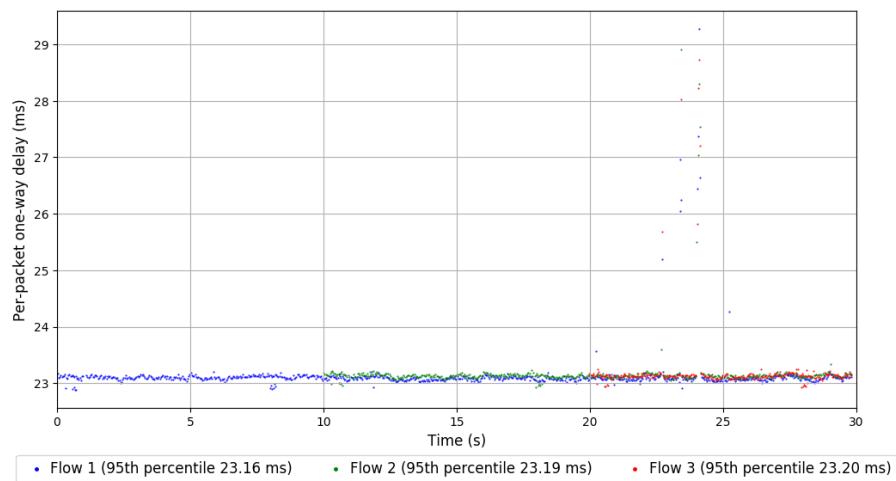
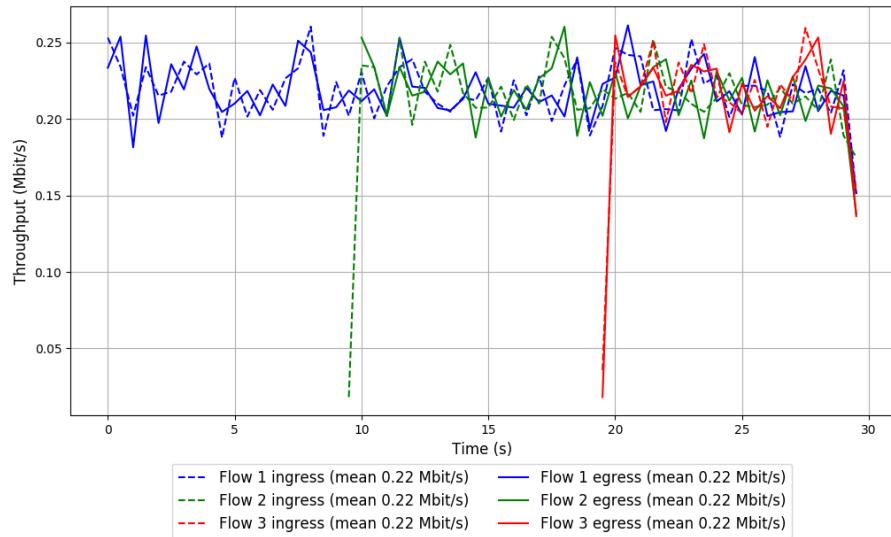


Run 9: Statistics of SCReAM

```
Start at: 2017-11-16 10:00:28
End at: 2017-11-16 10:00:58
Local clock offset: 1.399 ms
Remote clock offset: 1.806 ms

# Below is generated by plot.py at 2017-11-16 13:54:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 23.184 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.156 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.190 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.203 ms
Loss rate: 0.35%
```

Run 9: Report of SCReAM — Data Link

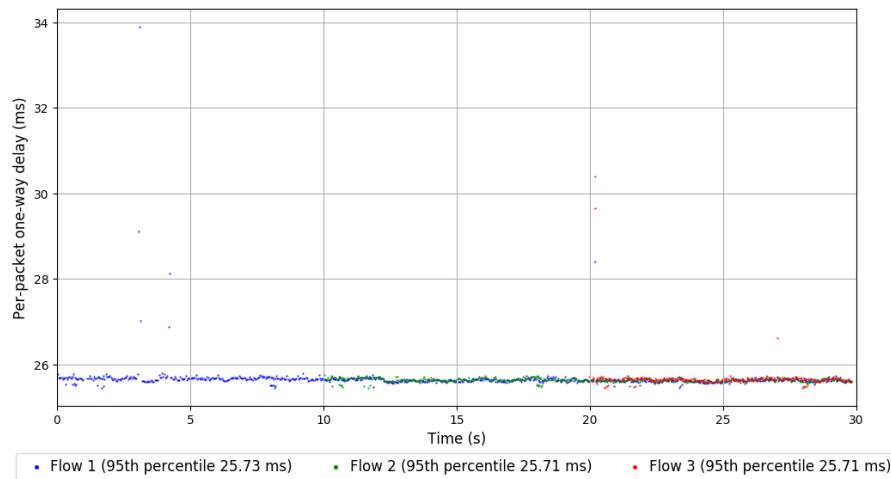
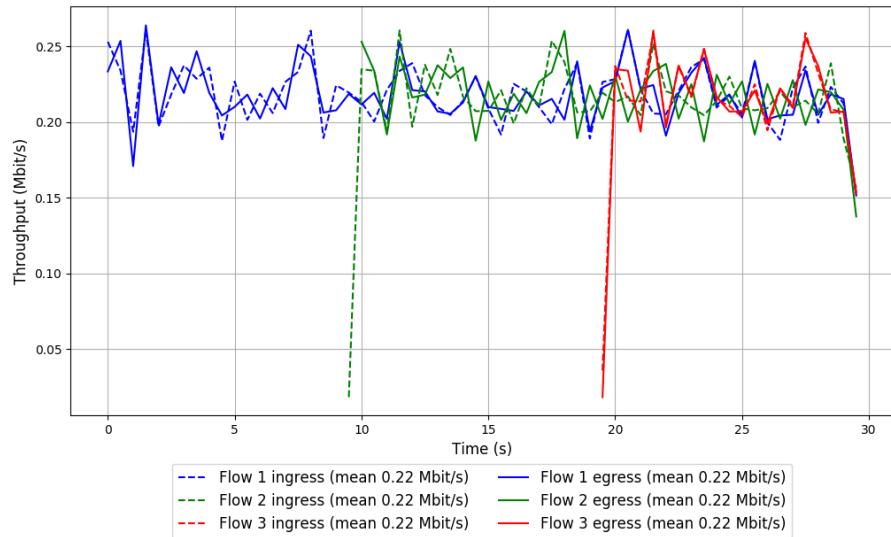


Run 10: Statistics of SCReAM

```
Start at: 2017-11-16 10:19:37
End at: 2017-11-16 10:20:07
Local clock offset: 1.032 ms
Remote clock offset: -0.716 ms

# Below is generated by plot.py at 2017-11-16 13:54:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 25.715 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.728 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.709 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.706 ms
Loss rate: 0.35%
```

Run 10: Report of SCReAM — Data Link

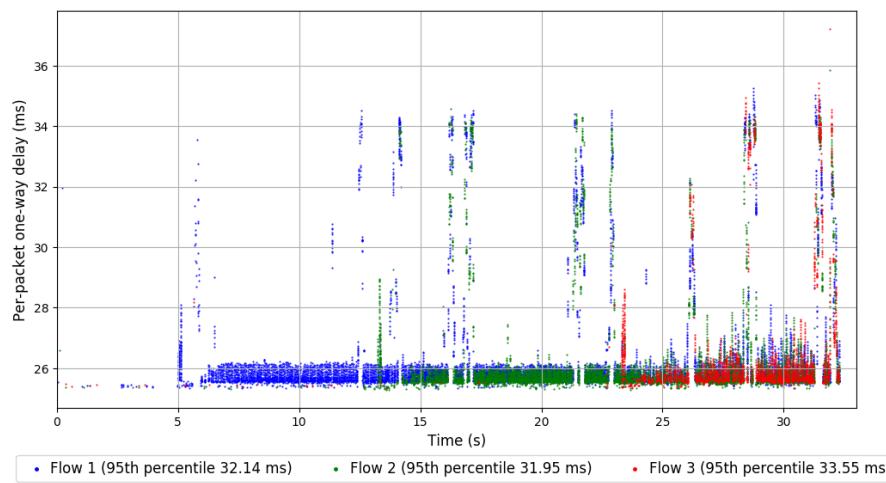
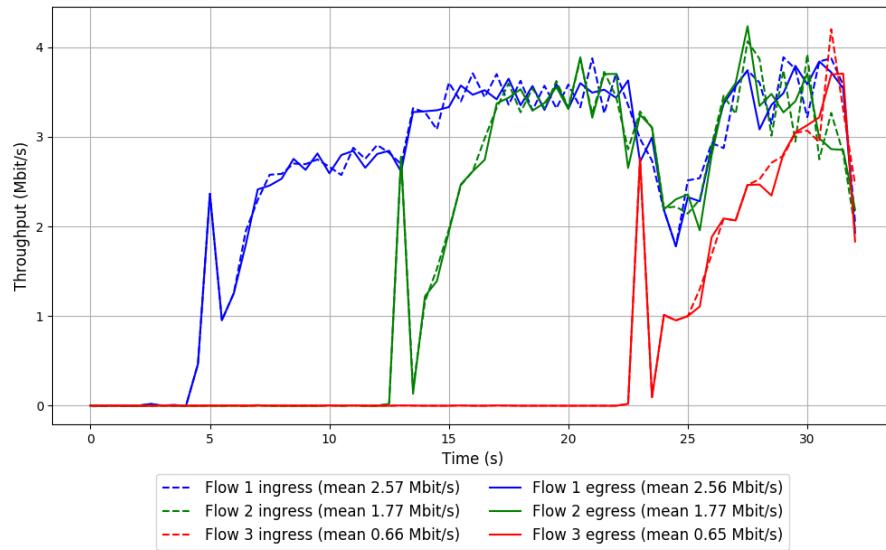


```
Run 1: Statistics of WebRTC media

Start at: 2017-11-16 07:22:40
End at: 2017-11-16 07:23:10
Local clock offset: 0.54 ms
Remote clock offset: -2.522 ms

# Below is generated by plot.py at 2017-11-16 13:54:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.97 Mbit/s
95th percentile per-packet one-way delay: 32.304 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 2.56 Mbit/s
95th percentile per-packet one-way delay: 32.143 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 1.77 Mbit/s
95th percentile per-packet one-way delay: 31.954 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: 33.555 ms
Loss rate: 1.87%
```

Run 1: Report of WebRTC media — Data Link

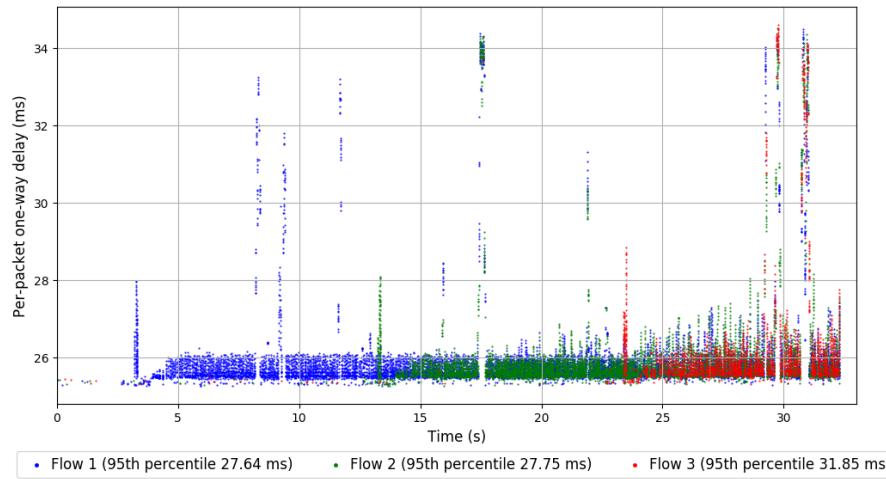
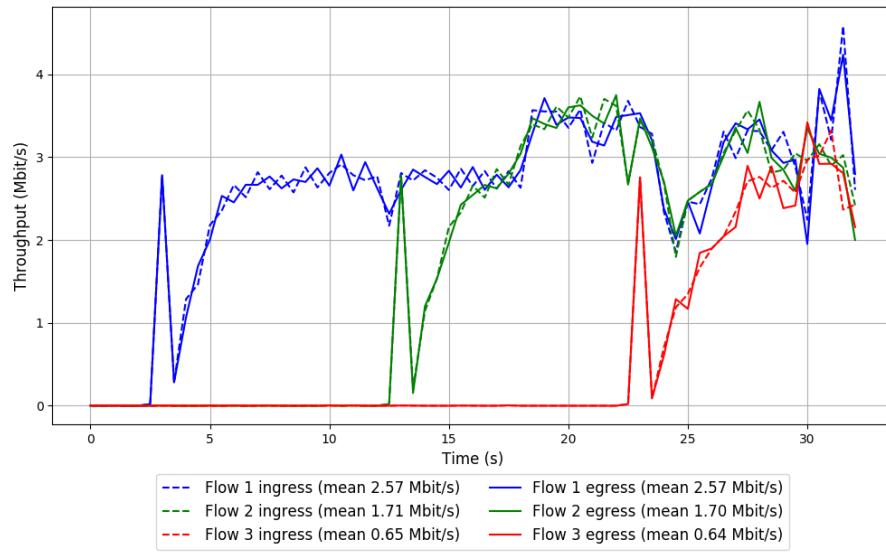


Run 2: Statistics of WebRTC media

```
Start at: 2017-11-16 07:41:59
End at: 2017-11-16 07:42:29
Local clock offset: 1.018 ms
Remote clock offset: -2.216 ms

# Below is generated by plot.py at 2017-11-16 13:54:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.90 Mbit/s
95th percentile per-packet one-way delay: 28.209 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 2.57 Mbit/s
95th percentile per-packet one-way delay: 27.636 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 1.70 Mbit/s
95th percentile per-packet one-way delay: 27.745 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 31.846 ms
Loss rate: 0.89%
```

Run 2: Report of WebRTC media — Data Link

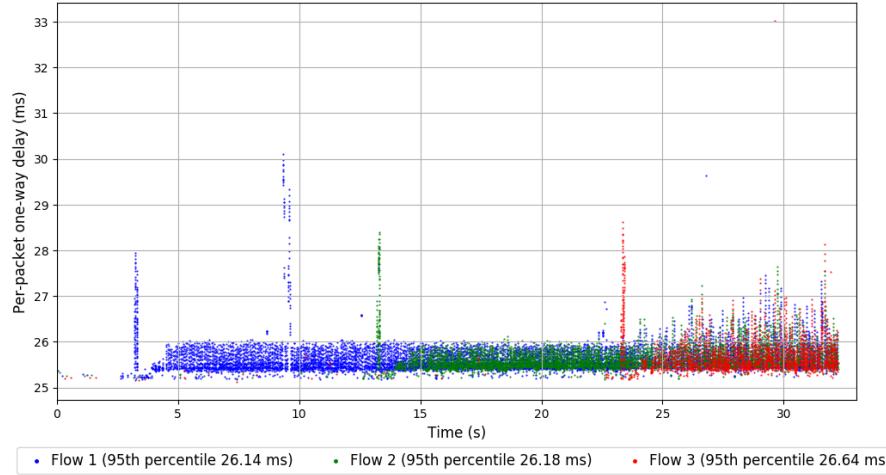
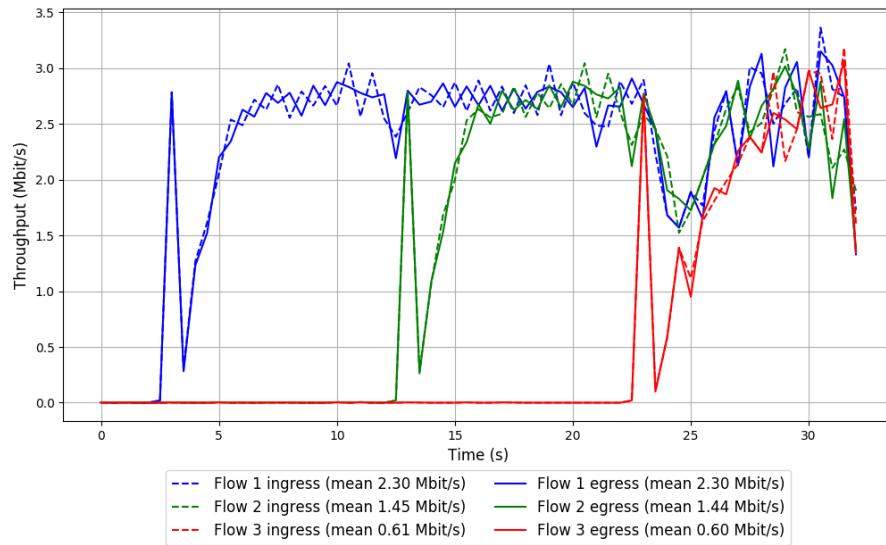


Run 3: Statistics of WebRTC media

```
Start at: 2017-11-16 08:01:20
End at: 2017-11-16 08:01:50
Local clock offset: 1.515 ms
Remote clock offset: -1.346 ms

# Below is generated by plot.py at 2017-11-16 13:54:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.33 Mbit/s
95th percentile per-packet one-way delay: 26.241 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 26.143 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 1.44 Mbit/s
95th percentile per-packet one-way delay: 26.180 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 26.645 ms
Loss rate: 0.98%
```

Run 3: Report of WebRTC media — Data Link

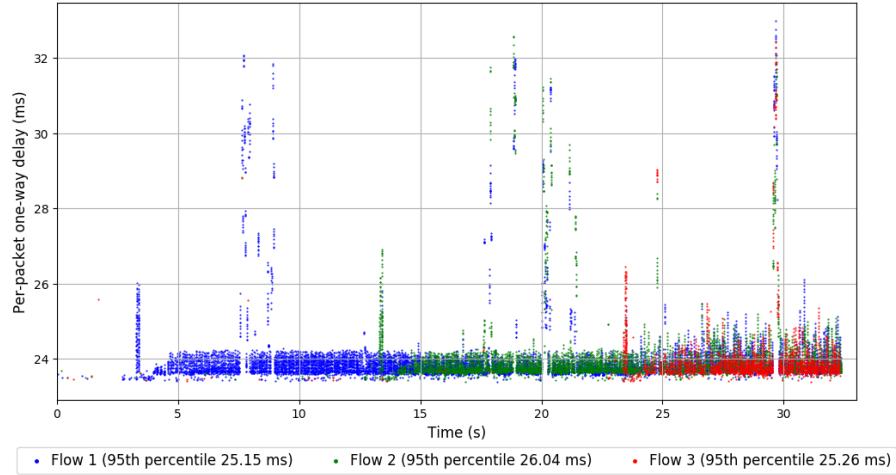
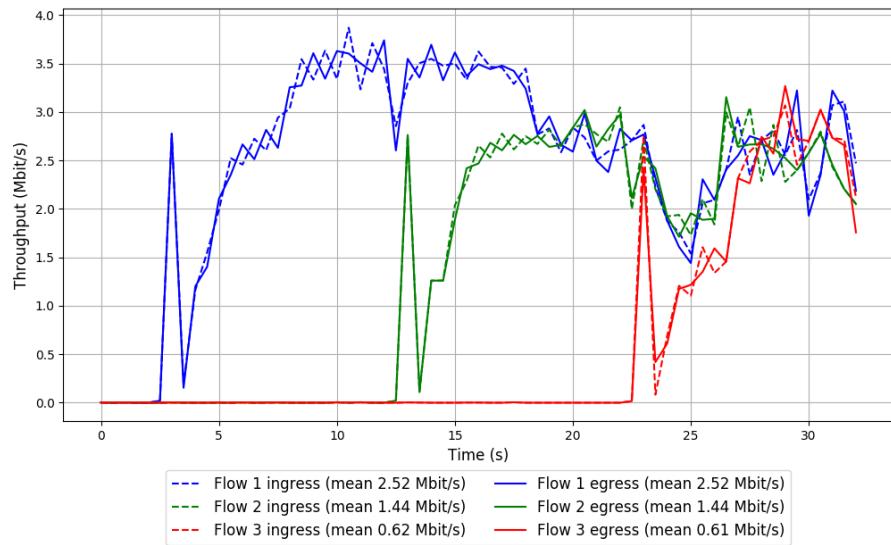


Run 4: Statistics of WebRTC media

```
Start at: 2017-11-16 08:20:31
End at: 2017-11-16 08:21:01
Local clock offset: 2.053 ms
Remote clock offset: 1.296 ms

# Below is generated by plot.py at 2017-11-16 13:54:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.55 Mbit/s
95th percentile per-packet one-way delay: 25.324 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 2.52 Mbit/s
95th percentile per-packet one-way delay: 25.149 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 1.44 Mbit/s
95th percentile per-packet one-way delay: 26.043 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 0.61 Mbit/s
95th percentile per-packet one-way delay: 25.262 ms
Loss rate: 1.07%
```

Run 4: Report of WebRTC media — Data Link

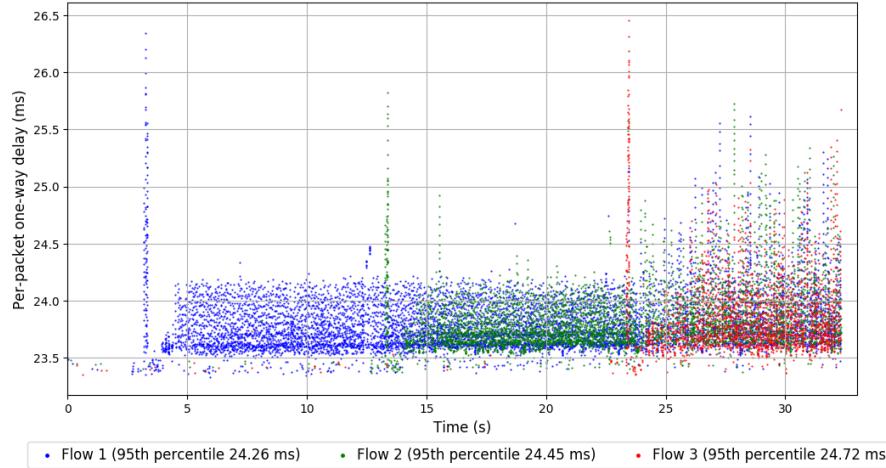
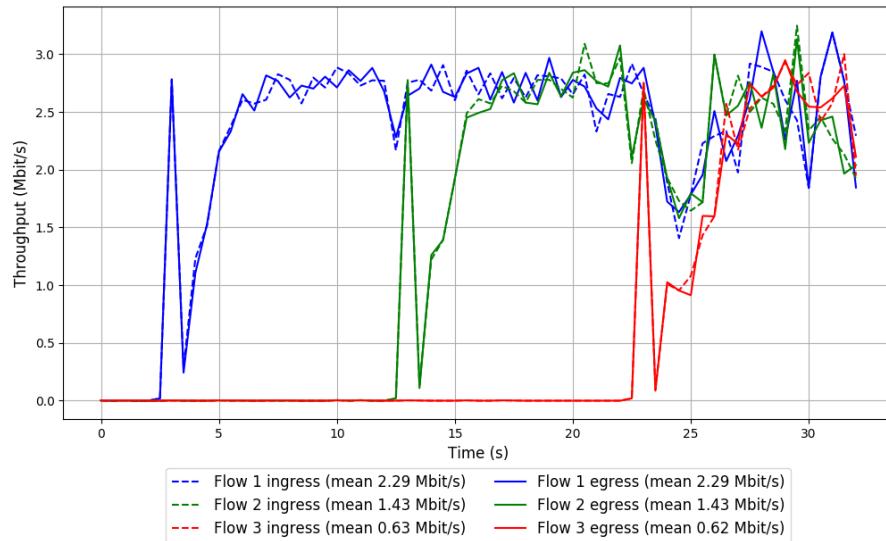


Run 5: Statistics of WebRTC media

```
Start at: 2017-11-16 08:39:43
End at: 2017-11-16 08:40:13
Local clock offset: 2.585 ms
Remote clock offset: 1.861 ms

# Below is generated by plot.py at 2017-11-16 13:54:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.33 Mbit/s
95th percentile per-packet one-way delay: 24.427 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 24.264 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 1.43 Mbit/s
95th percentile per-packet one-way delay: 24.454 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: 24.720 ms
Loss rate: 0.75%
```

Run 5: Report of WebRTC media — Data Link

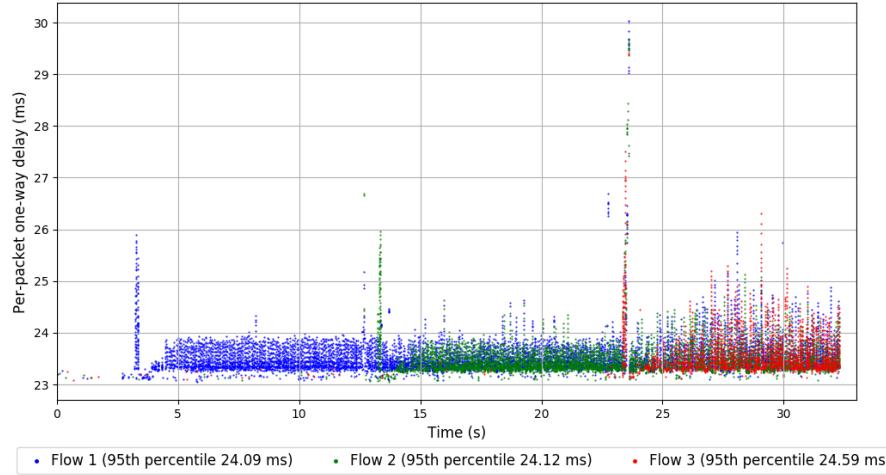
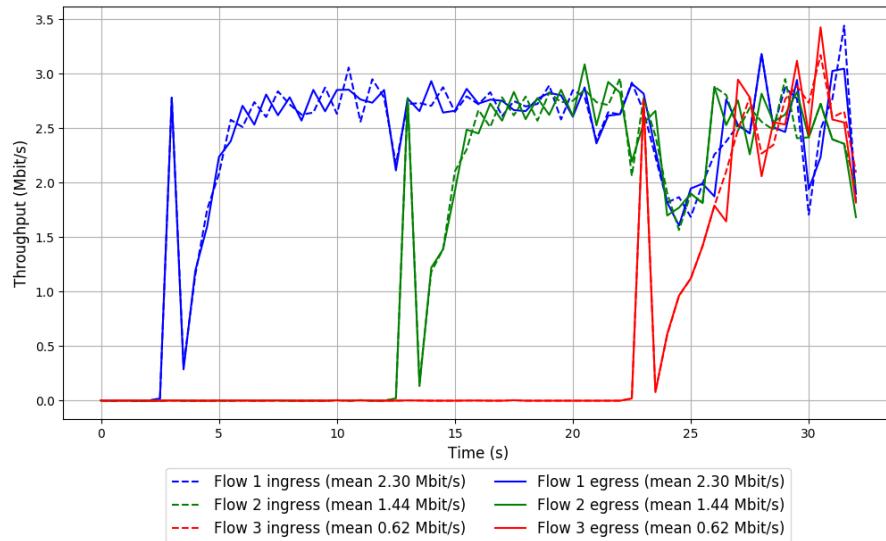


```
Run 6: Statistics of WebRTC media

Start at: 2017-11-16 08:59:06
End at: 2017-11-16 08:59:36
Local clock offset: 2.328 ms
Remote clock offset: 2.242 ms

# Below is generated by plot.py at 2017-11-16 13:54:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.34 Mbit/s
95th percentile per-packet one-way delay: 24.198 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 24.091 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 1.44 Mbit/s
95th percentile per-packet one-way delay: 24.117 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: 24.592 ms
Loss rate: 1.09%
```

Run 6: Report of WebRTC media — Data Link

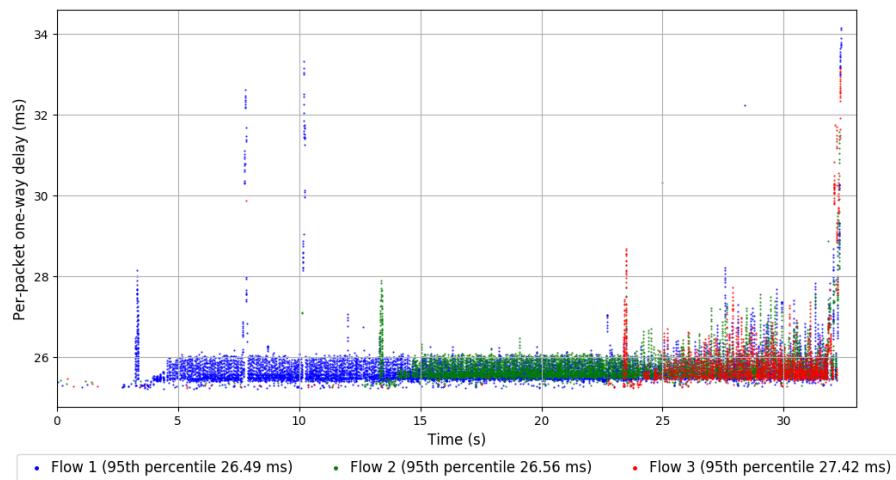
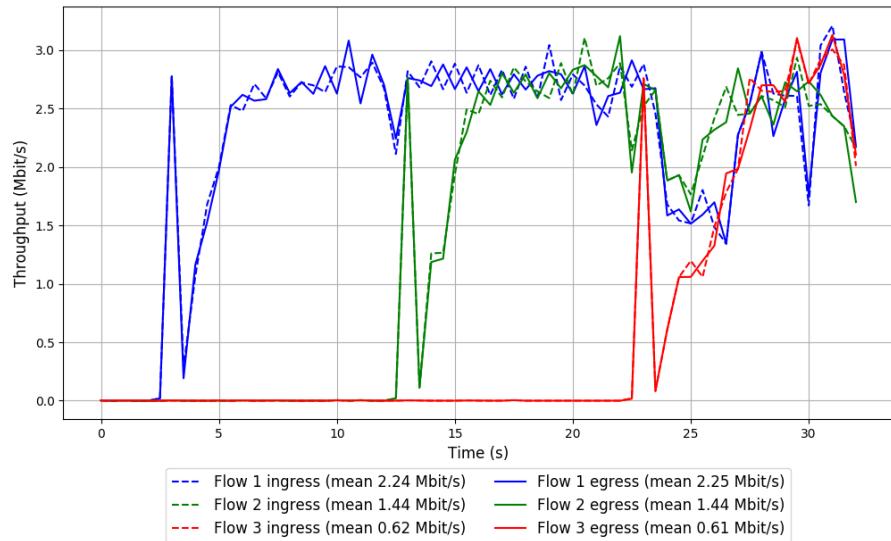


Run 7: Statistics of WebRTC media

```
Start at: 2017-11-16 09:18:14
End at: 2017-11-16 09:18:44
Local clock offset: 1.861 ms
Remote clock offset: -0.593 ms

# Below is generated by plot.py at 2017-11-16 13:54:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.28 Mbit/s
95th percentile per-packet one-way delay: 26.634 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 26.487 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 1.44 Mbit/s
95th percentile per-packet one-way delay: 26.557 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 0.61 Mbit/s
95th percentile per-packet one-way delay: 27.424 ms
Loss rate: 0.81%
```

Run 7: Report of WebRTC media — Data Link

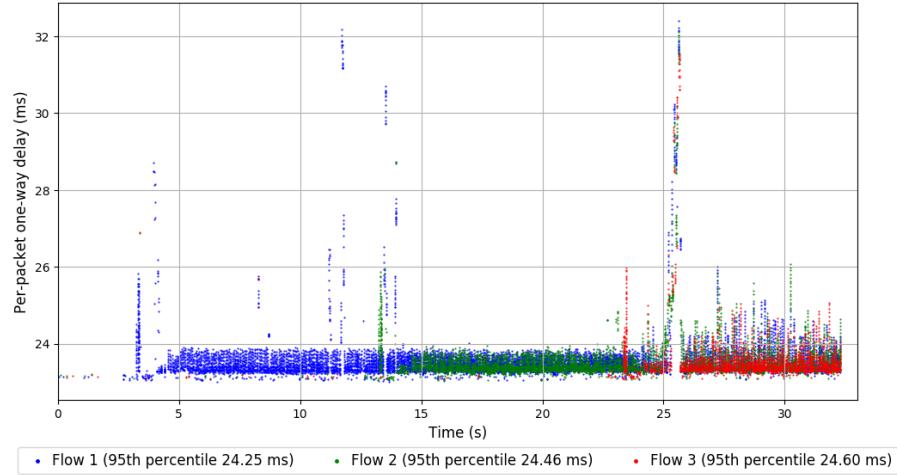
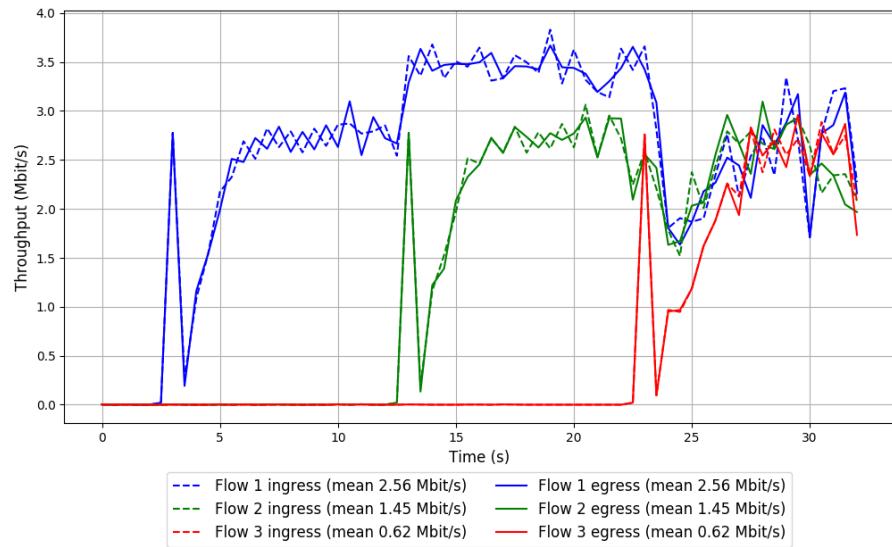


```
Run 8: Statistics of WebRTC media

Start at: 2017-11-16 09:37:21
End at: 2017-11-16 09:37:51
Local clock offset: 1.772 ms
Remote clock offset: 1.495 ms

# Below is generated by plot.py at 2017-11-16 13:54:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.61 Mbit/s
95th percentile per-packet one-way delay: 24.383 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 2.56 Mbit/s
95th percentile per-packet one-way delay: 24.246 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 1.45 Mbit/s
95th percentile per-packet one-way delay: 24.459 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: 24.604 ms
Loss rate: 0.87%
```

Run 8: Report of WebRTC media — Data Link

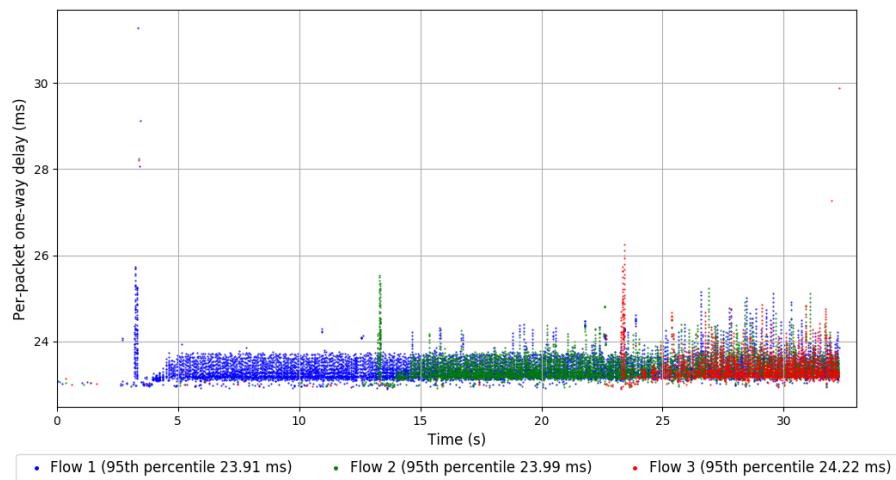
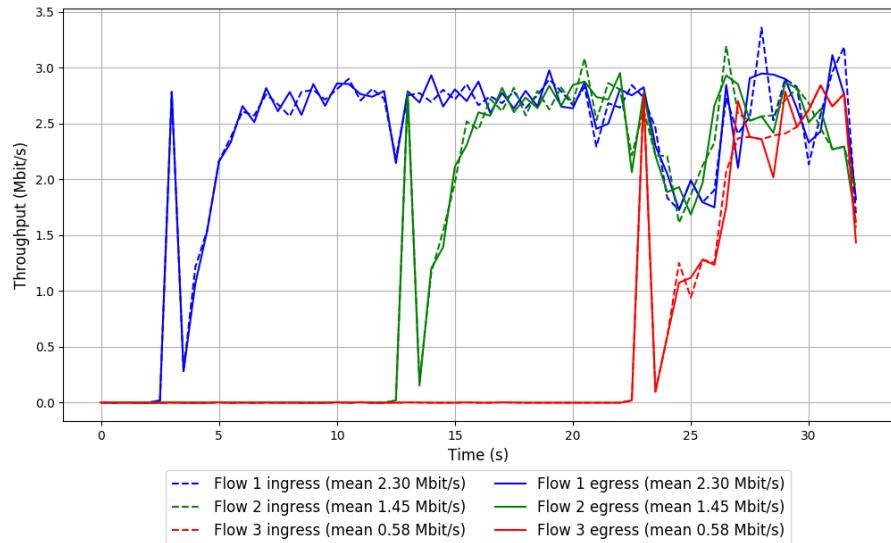


Run 9: Statistics of WebRTC media

```
Start at: 2017-11-16 09:56:27
End at: 2017-11-16 09:56:57
Local clock offset: 1.569 ms
Remote clock offset: 1.832 ms

# Below is generated by plot.py at 2017-11-16 13:54:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.32 Mbit/s
95th percentile per-packet one-way delay: 24.000 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 23.910 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 1.45 Mbit/s
95th percentile per-packet one-way delay: 23.988 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 24.223 ms
Loss rate: 0.35%
```

Run 9: Report of WebRTC media — Data Link

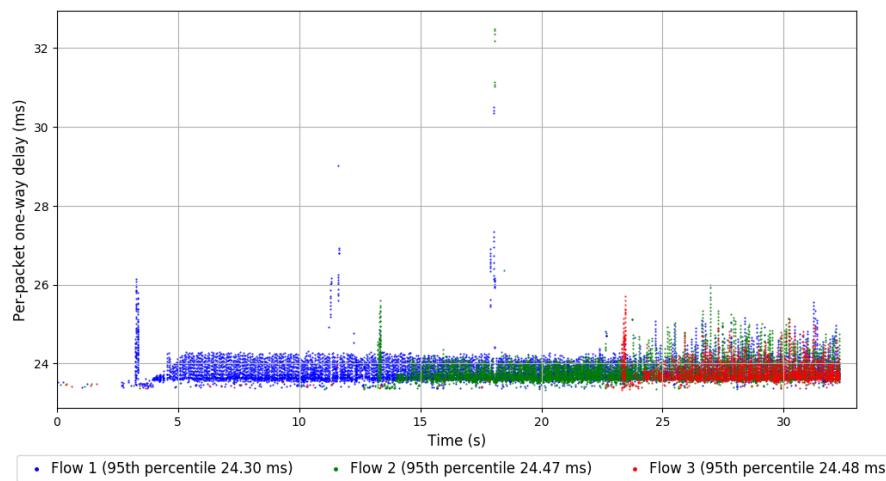
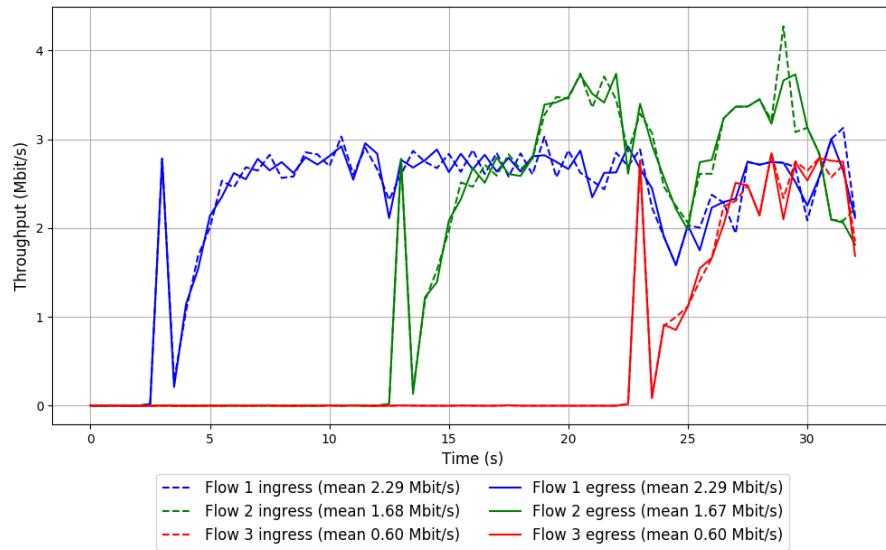


```
Run 10: Statistics of WebRTC media
```

```
Start at: 2017-11-16 10:15:36
End at: 2017-11-16 10:16:06
Local clock offset: 1.077 ms
Remote clock offset: 1.535 ms

# Below is generated by plot.py at 2017-11-16 13:54:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.55 Mbit/s
95th percentile per-packet one-way delay: 24.397 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 24.295 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 1.67 Mbit/s
95th percentile per-packet one-way delay: 24.466 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 24.477 ms
Loss rate: 0.77%
```

Run 10: Report of WebRTC media — Data Link

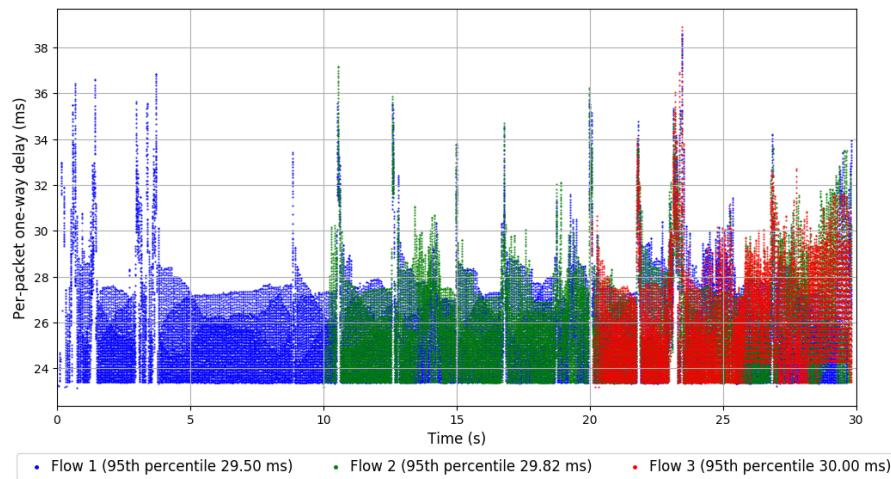
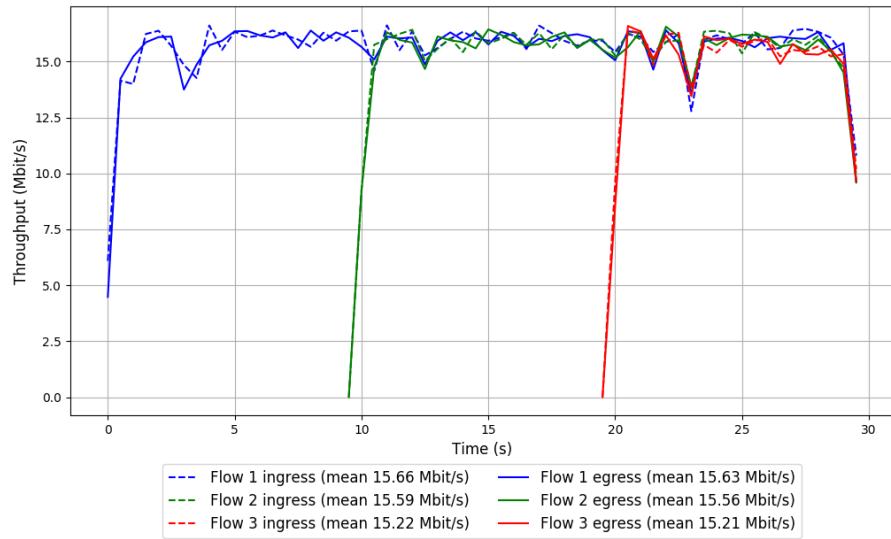


Run 1: Statistics of Sprout

```
Start at: 2017-11-16 07:19:53
End at: 2017-11-16 07:20:23
Local clock offset: 0.562 ms
Remote clock offset: -0.342 ms

# Below is generated by plot.py at 2017-11-16 13:54:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 31.00 Mbit/s
95th percentile per-packet one-way delay: 29.754 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 15.63 Mbit/s
95th percentile per-packet one-way delay: 29.501 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 15.56 Mbit/s
95th percentile per-packet one-way delay: 29.822 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 15.21 Mbit/s
95th percentile per-packet one-way delay: 30.004 ms
Loss rate: 0.70%
```

Run 1: Report of Sprout — Data Link

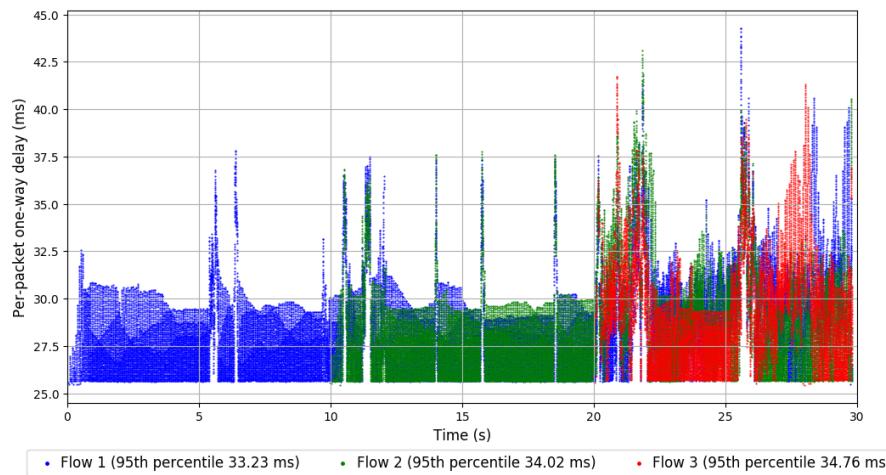
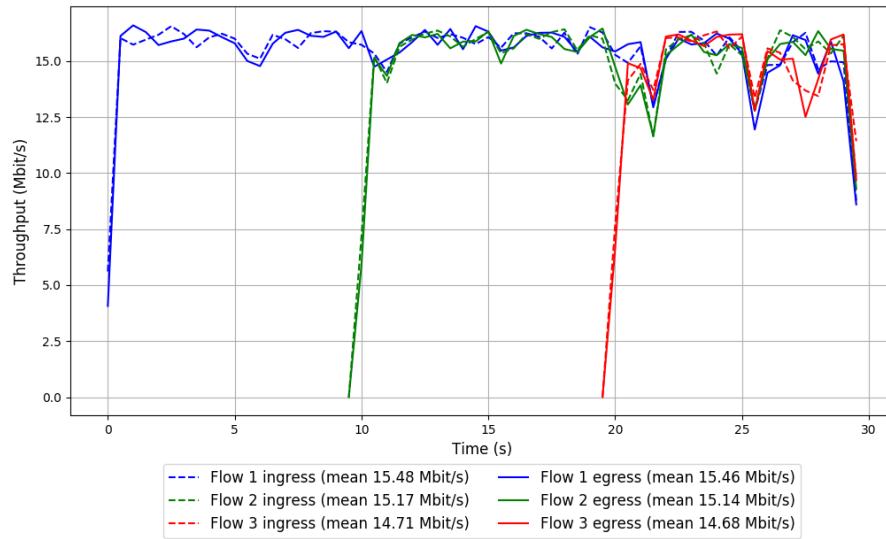


Run 2: Statistics of Sprout

```
Start at: 2017-11-16 07:39:20
End at: 2017-11-16 07:39:50
Local clock offset: 0.936 ms
Remote clock offset: -2.459 ms

# Below is generated by plot.py at 2017-11-16 13:54:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 30.38 Mbit/s
95th percentile per-packet one-way delay: 33.868 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 15.46 Mbit/s
95th percentile per-packet one-way delay: 33.228 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 15.14 Mbit/s
95th percentile per-packet one-way delay: 34.018 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 14.68 Mbit/s
95th percentile per-packet one-way delay: 34.761 ms
Loss rate: 0.76%
```

Run 2: Report of Sprout — Data Link

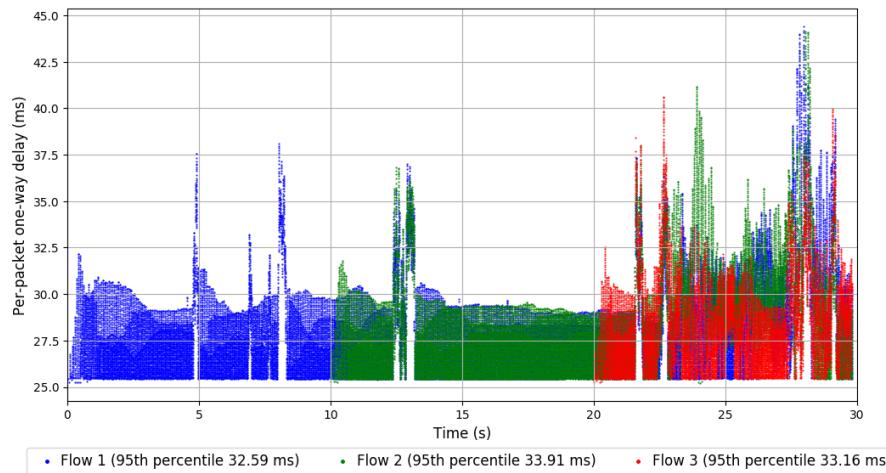
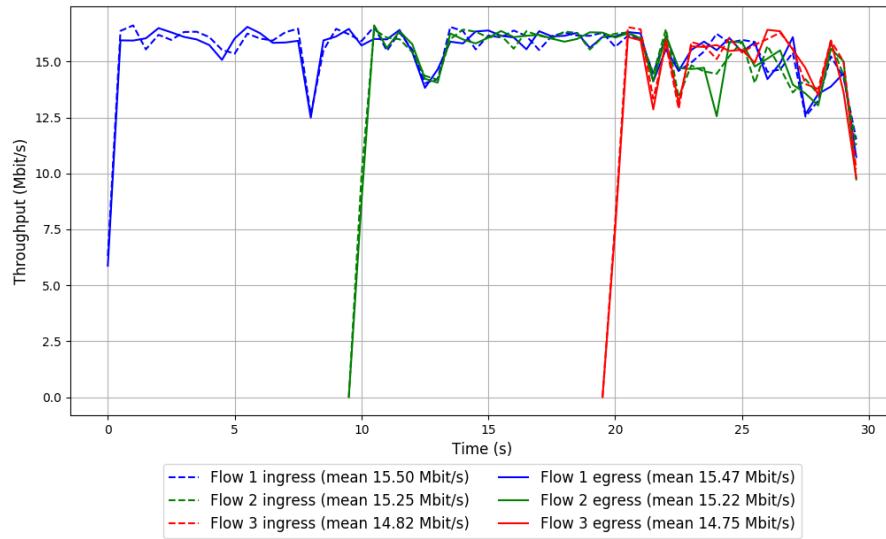


Run 3: Statistics of Sprout

```
Start at: 2017-11-16 07:58:36
End at: 2017-11-16 07:59:06
Local clock offset: 1.524 ms
Remote clock offset: -1.443 ms

# Below is generated by plot.py at 2017-11-16 13:54:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 30.49 Mbit/s
95th percentile per-packet one-way delay: 33.267 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 15.47 Mbit/s
95th percentile per-packet one-way delay: 32.594 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 15.22 Mbit/s
95th percentile per-packet one-way delay: 33.913 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 14.75 Mbit/s
95th percentile per-packet one-way delay: 33.160 ms
Loss rate: 1.05%
```

Run 3: Report of Sprout — Data Link

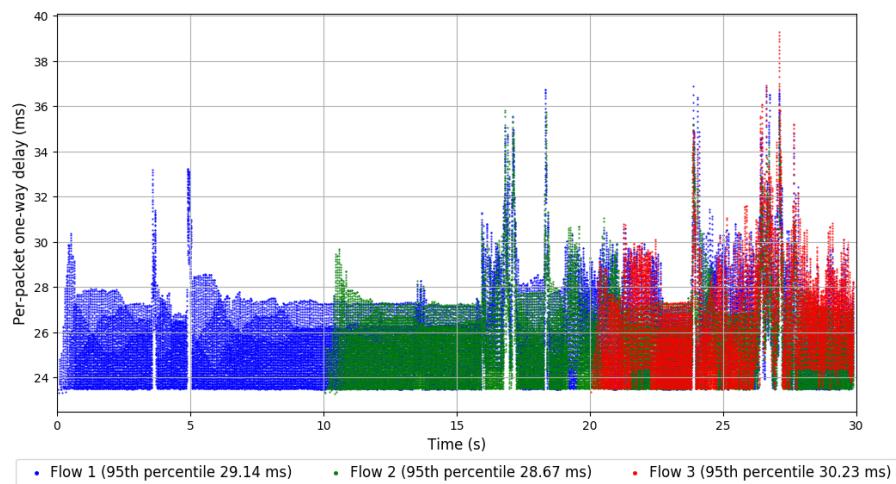
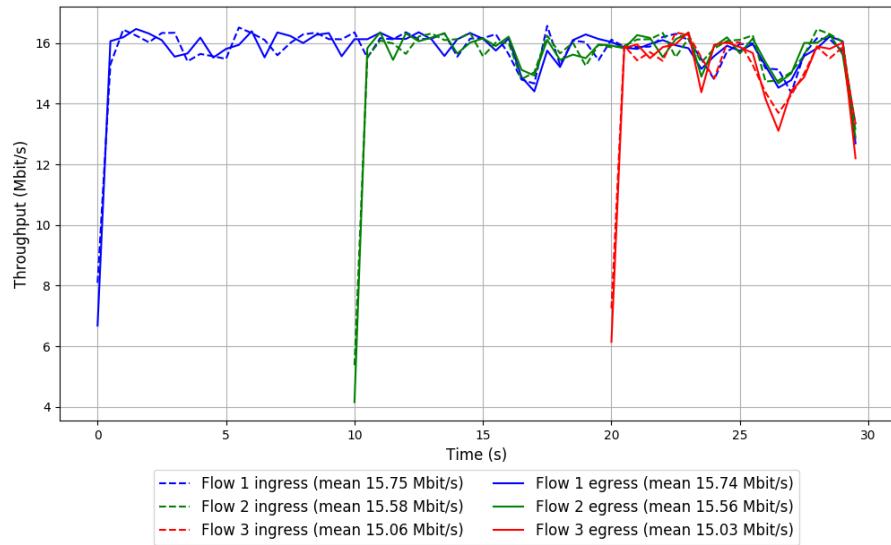


Run 4: Statistics of Sprout

```
Start at: 2017-11-16 08:17:51
End at: 2017-11-16 08:18:21
Local clock offset: 2.075 ms
Remote clock offset: 1.218 ms

# Below is generated by plot.py at 2017-11-16 13:54:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 31.04 Mbit/s
95th percentile per-packet one-way delay: 29.259 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 15.74 Mbit/s
95th percentile per-packet one-way delay: 29.142 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 15.56 Mbit/s
95th percentile per-packet one-way delay: 28.669 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 15.03 Mbit/s
95th percentile per-packet one-way delay: 30.233 ms
Loss rate: 0.64%
```

Run 4: Report of Sprout — Data Link

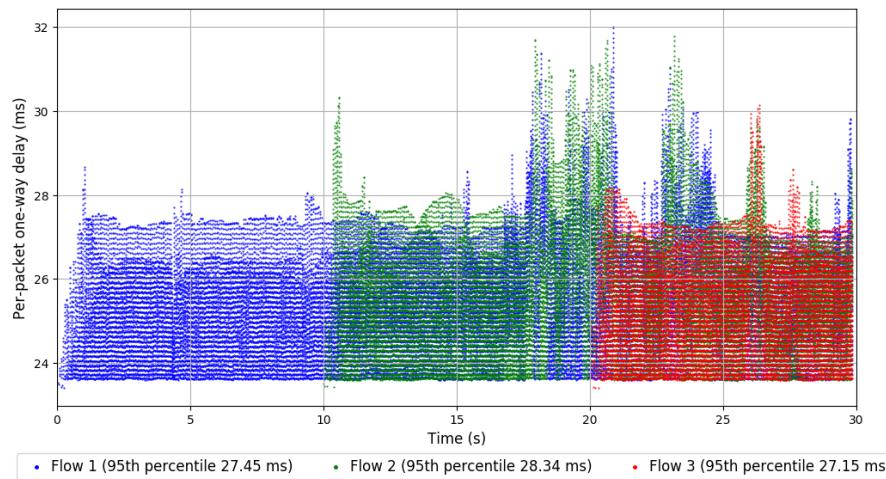
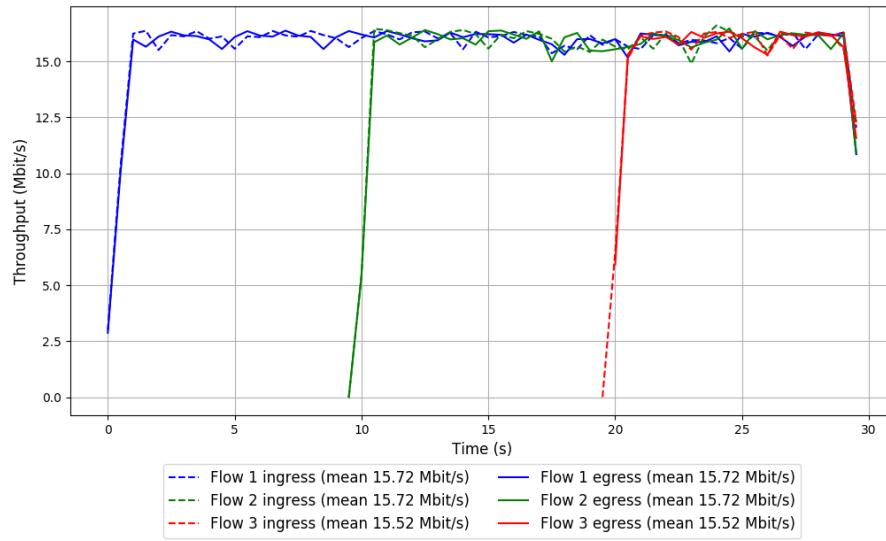


Run 5: Statistics of Sprout

```
Start at: 2017-11-16 08:37:02
End at: 2017-11-16 08:37:32
Local clock offset: 2.573 ms
Remote clock offset: 1.682 ms

# Below is generated by plot.py at 2017-11-16 13:55:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 31.29 Mbit/s
95th percentile per-packet one-way delay: 27.711 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 15.72 Mbit/s
95th percentile per-packet one-way delay: 27.452 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 15.72 Mbit/s
95th percentile per-packet one-way delay: 28.339 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 15.52 Mbit/s
95th percentile per-packet one-way delay: 27.147 ms
Loss rate: 0.63%
```

Run 5: Report of Sprout — Data Link

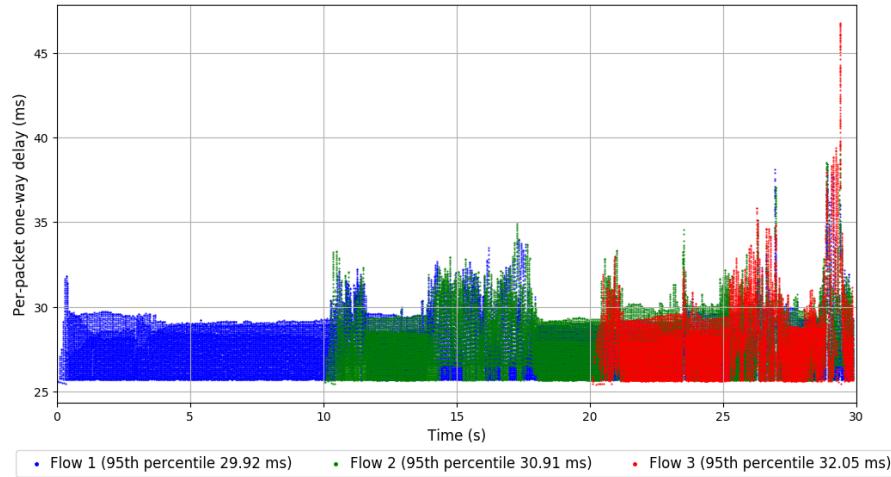
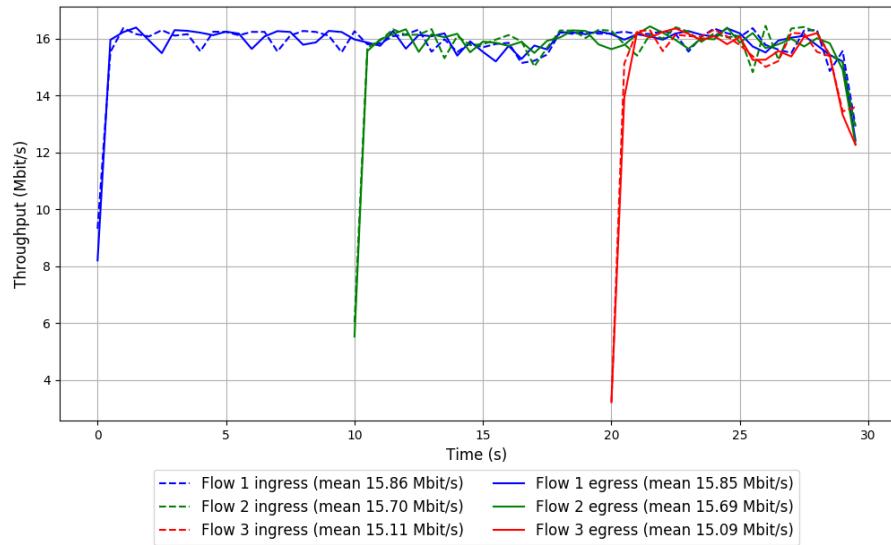


Run 6: Statistics of Sprout

```
Start at: 2017-11-16 08:56:25
End at: 2017-11-16 08:56:55
Local clock offset: 2.347 ms
Remote clock offset: -0.046 ms

# Below is generated by plot.py at 2017-11-16 13:55:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 31.25 Mbit/s
95th percentile per-packet one-way delay: 30.667 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 15.85 Mbit/s
95th percentile per-packet one-way delay: 29.918 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 15.69 Mbit/s
95th percentile per-packet one-way delay: 30.909 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 15.09 Mbit/s
95th percentile per-packet one-way delay: 32.051 ms
Loss rate: 0.69%
```

Run 6: Report of Sprout — Data Link

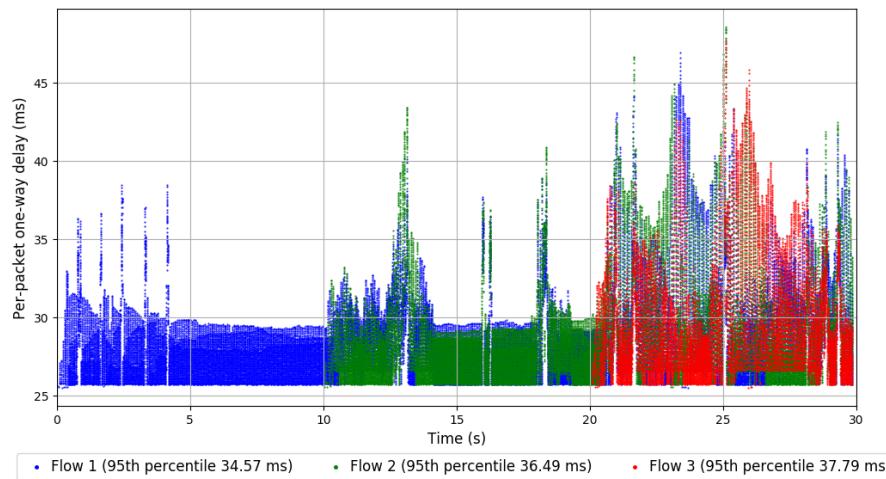
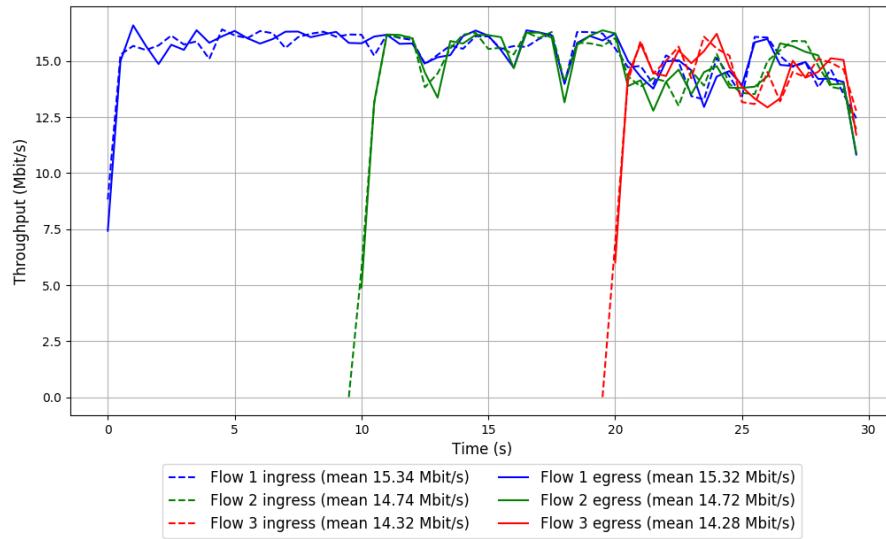


Run 7: Statistics of Sprout

```
Start at: 2017-11-16 09:15:33
End at: 2017-11-16 09:16:03
Local clock offset: 1.906 ms
Remote clock offset: -0.721 ms

# Below is generated by plot.py at 2017-11-16 13:55:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 29.82 Mbit/s
95th percentile per-packet one-way delay: 35.977 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 15.32 Mbit/s
95th percentile per-packet one-way delay: 34.569 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 14.72 Mbit/s
95th percentile per-packet one-way delay: 36.495 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 14.28 Mbit/s
95th percentile per-packet one-way delay: 37.787 ms
Loss rate: 0.87%
```

Run 7: Report of Sprout — Data Link

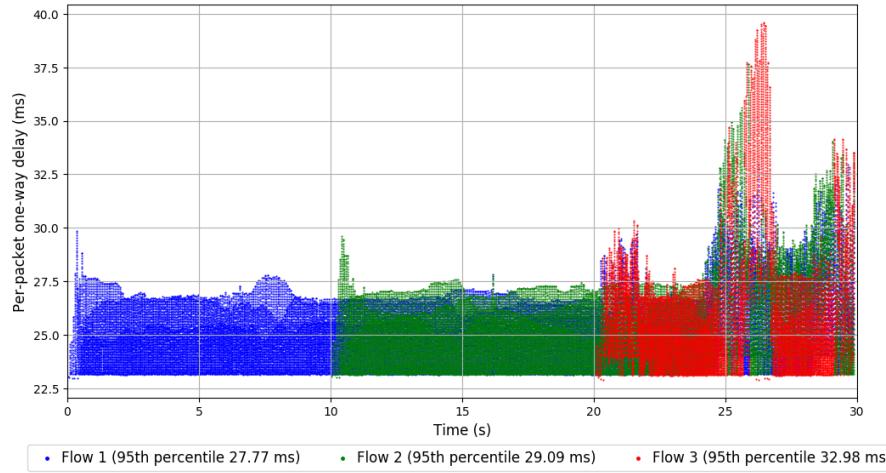
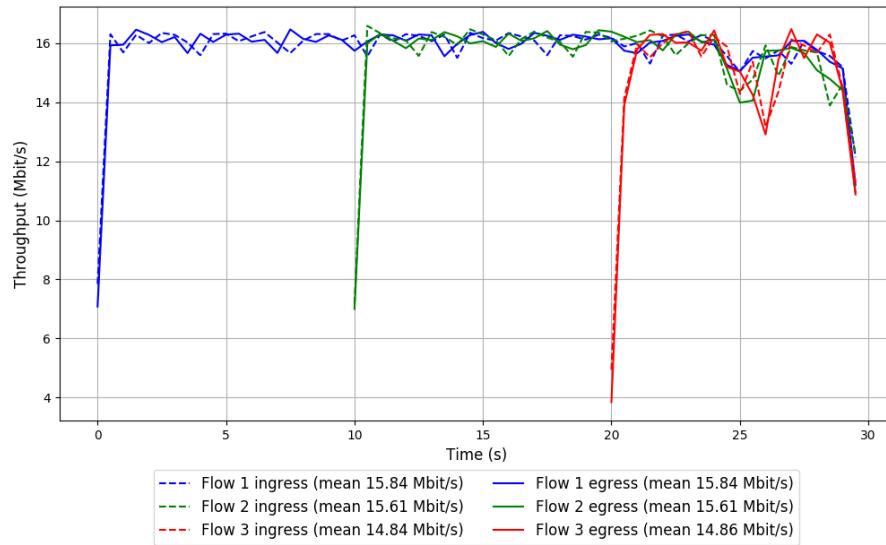


Run 8: Statistics of Sprout

```
Start at: 2017-11-16 09:34:40
End at: 2017-11-16 09:35:10
Local clock offset: 1.809 ms
Remote clock offset: 1.621 ms

# Below is generated by plot.py at 2017-11-16 13:55:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 31.12 Mbit/s
95th percentile per-packet one-way delay: 28.911 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 15.84 Mbit/s
95th percentile per-packet one-way delay: 27.765 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 15.61 Mbit/s
95th percentile per-packet one-way delay: 29.088 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 14.86 Mbit/s
95th percentile per-packet one-way delay: 32.981 ms
Loss rate: 0.39%
```

Run 8: Report of Sprout — Data Link

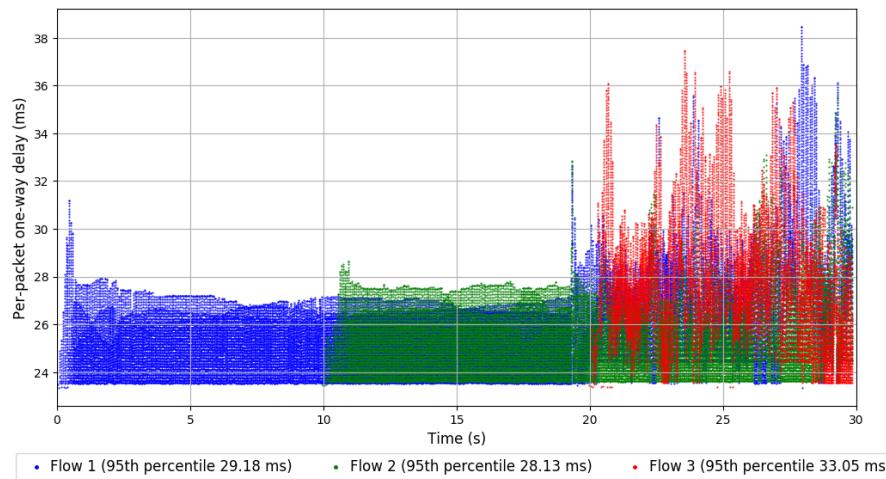
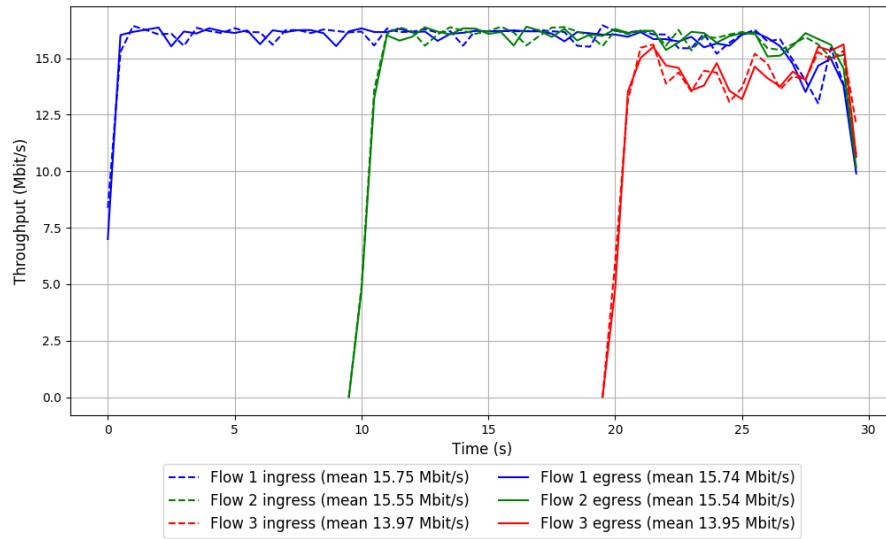


Run 9: Statistics of Sprout

```
Start at: 2017-11-16 09:53:46
End at: 2017-11-16 09:54:16
Local clock offset: 1.507 ms
Remote clock offset: 1.286 ms

# Below is generated by plot.py at 2017-11-16 13:55:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 30.71 Mbit/s
95th percentile per-packet one-way delay: 30.040 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 15.74 Mbit/s
95th percentile per-packet one-way delay: 29.181 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 15.54 Mbit/s
95th percentile per-packet one-way delay: 28.130 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 13.95 Mbit/s
95th percentile per-packet one-way delay: 33.053 ms
Loss rate: 0.70%
```

Run 9: Report of Sprout — Data Link

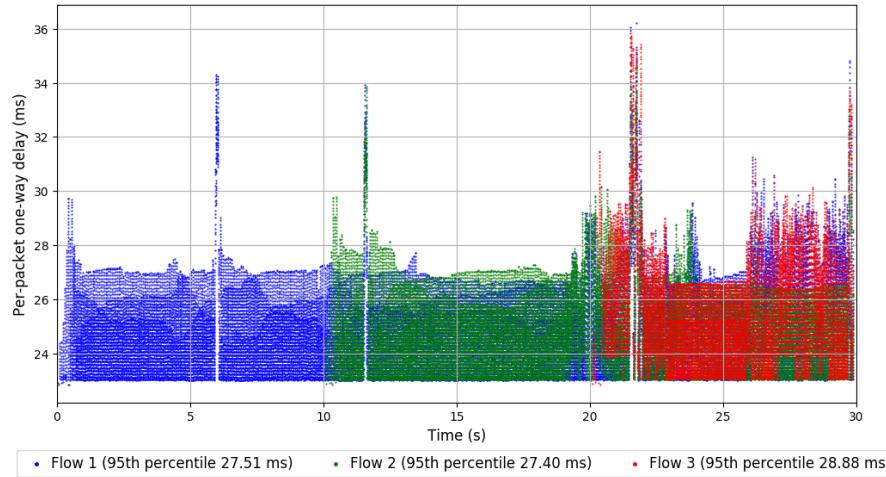
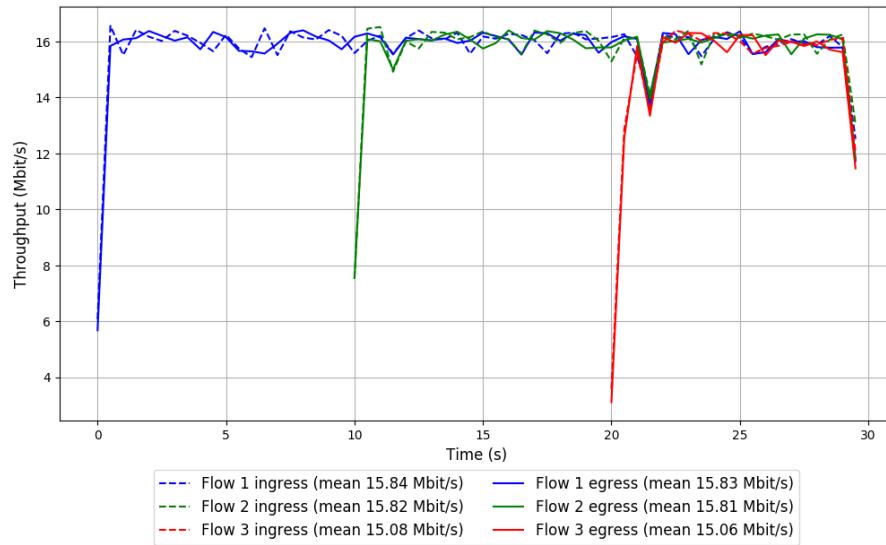


Run 10: Statistics of Sprout

```
Start at: 2017-11-16 10:12:54
End at: 2017-11-16 10:13:24
Local clock offset: 1.141 ms
Remote clock offset: 2.118 ms

# Below is generated by plot.py at 2017-11-16 13:55:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 31.29 Mbit/s
95th percentile per-packet one-way delay: 27.863 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 15.83 Mbit/s
95th percentile per-packet one-way delay: 27.509 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 15.81 Mbit/s
95th percentile per-packet one-way delay: 27.404 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 15.06 Mbit/s
95th percentile per-packet one-way delay: 28.877 ms
Loss rate: 0.71%
```

Run 10: Report of Sprout — Data Link

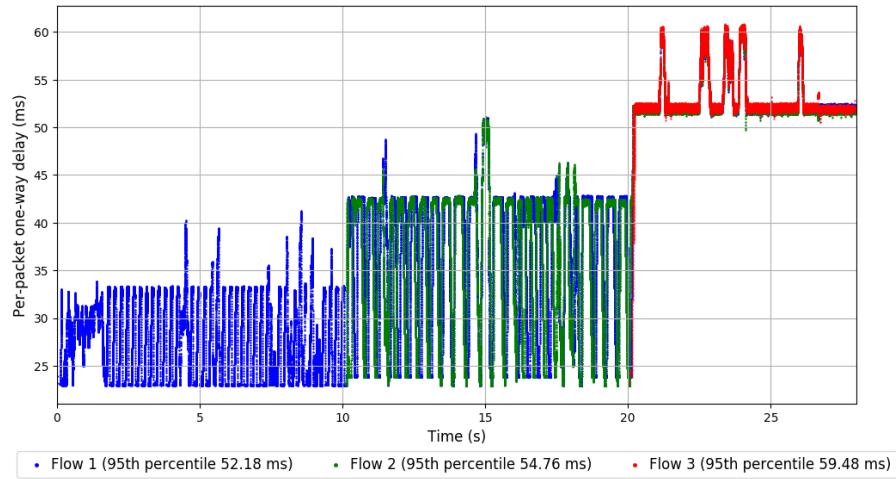
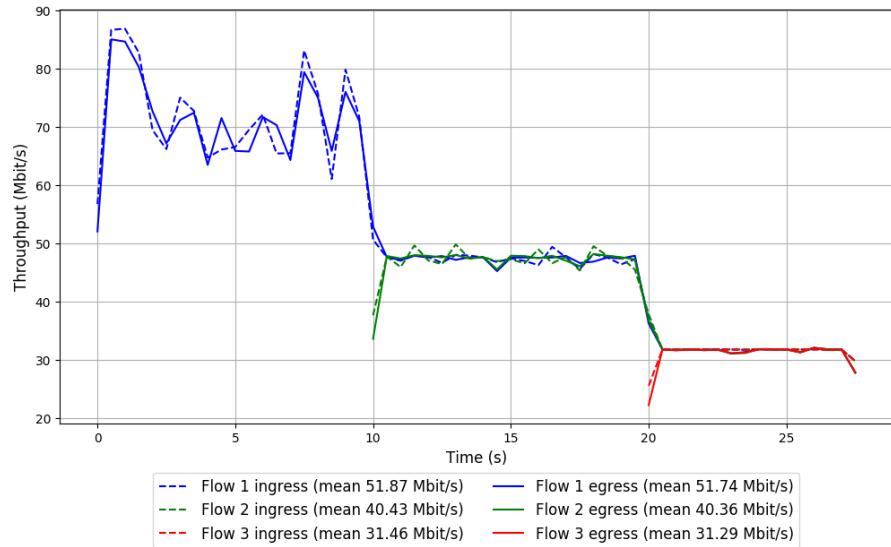


Run 1: Statistics of TaoVA-100x

```
Start at: 2017-11-16 07:29:24
End at: 2017-11-16 07:29:54
Local clock offset: 0.6 ms
Remote clock offset: 0.023 ms

# Below is generated by plot.py at 2017-11-16 13:56:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.49 Mbit/s
95th percentile per-packet one-way delay: 53.711 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 51.74 Mbit/s
95th percentile per-packet one-way delay: 52.176 ms
Loss rate: 0.48%
-- Flow 2:
Average throughput: 40.36 Mbit/s
95th percentile per-packet one-way delay: 54.762 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 31.29 Mbit/s
95th percentile per-packet one-way delay: 59.484 ms
Loss rate: 1.39%
```

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

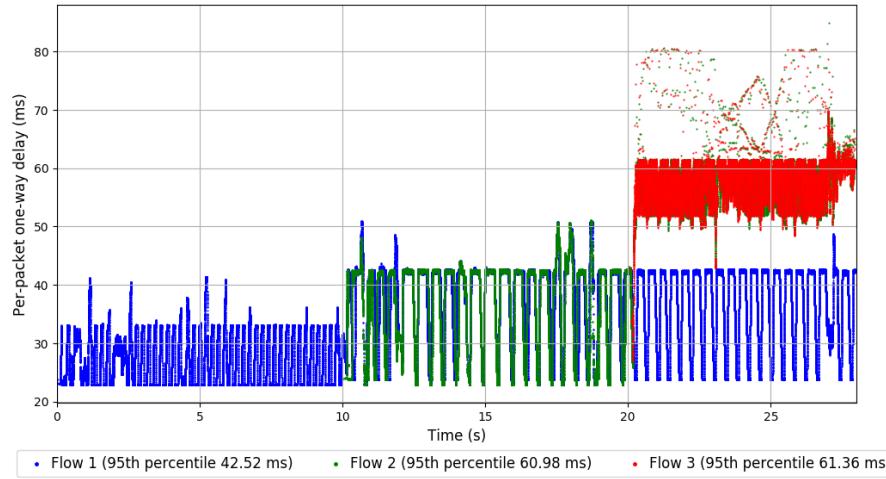
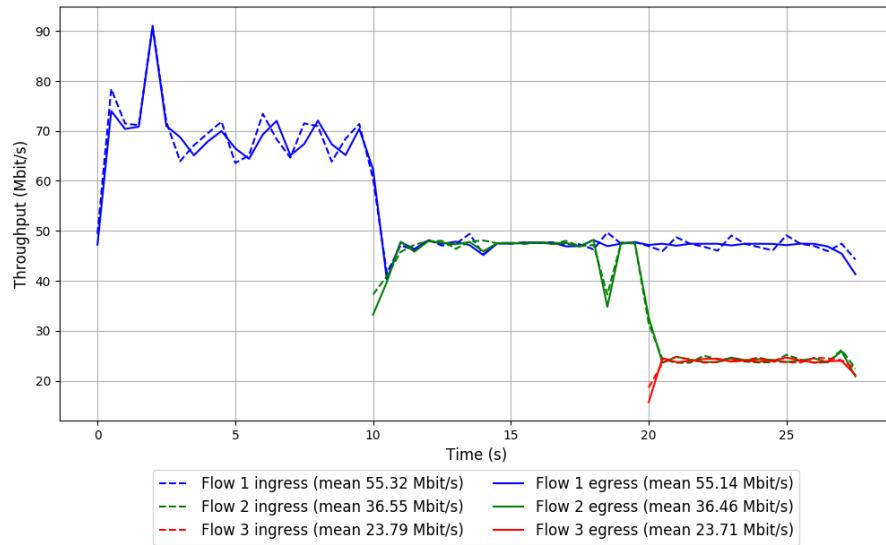


Run 2: Statistics of TaoVA-100x

```
Start at: 2017-11-16 07:48:39
End at: 2017-11-16 07:49:09
Local clock offset: 1.26 ms
Remote clock offset: 0.574 ms

# Below is generated by plot.py at 2017-11-16 13:57:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.23 Mbit/s
95th percentile per-packet one-way delay: 59.799 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 55.14 Mbit/s
95th percentile per-packet one-way delay: 42.517 ms
Loss rate: 0.54%
-- Flow 2:
Average throughput: 36.46 Mbit/s
95th percentile per-packet one-way delay: 60.981 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 23.71 Mbit/s
95th percentile per-packet one-way delay: 61.363 ms
Loss rate: 1.25%
```

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

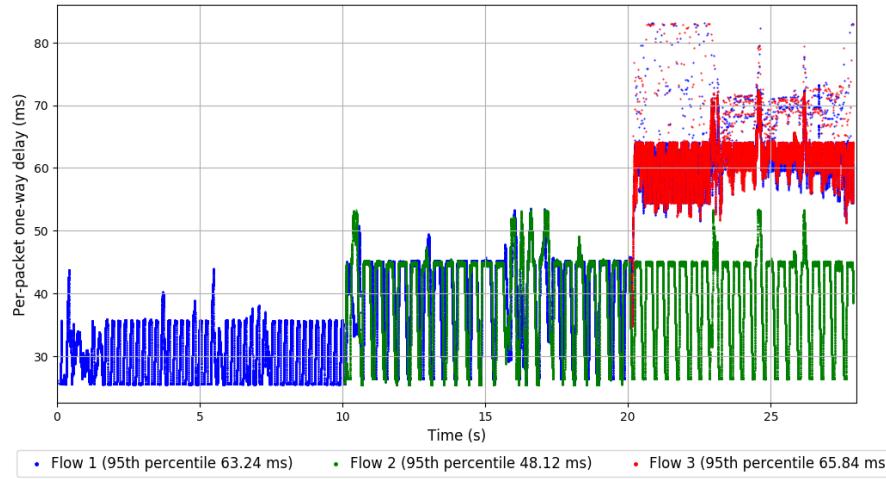
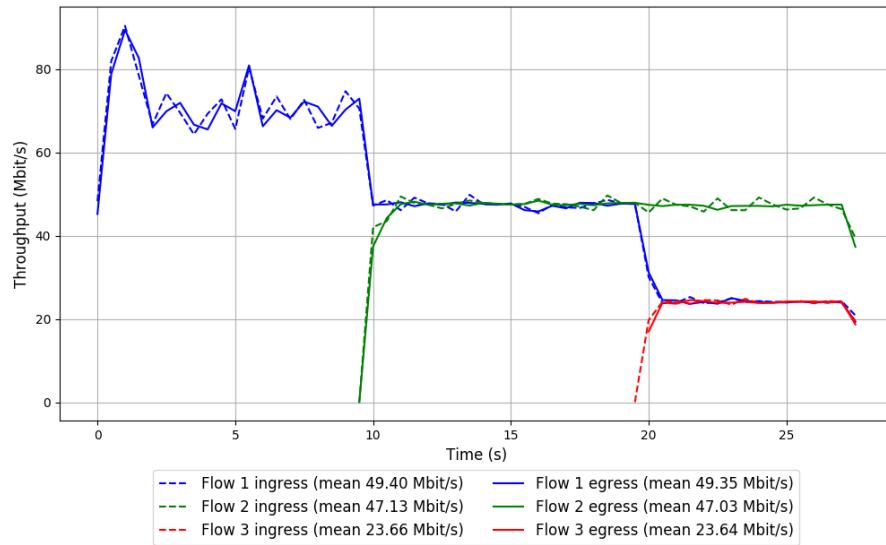


Run 3: Statistics of TaoVA-100x

```
Start at: 2017-11-16 08:08:02
End at: 2017-11-16 08:08:32
Local clock offset: 1.804 ms
Remote clock offset: -1.187 ms

# Below is generated by plot.py at 2017-11-16 13:57:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.25 Mbit/s
95th percentile per-packet one-way delay: 63.523 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 49.35 Mbit/s
95th percentile per-packet one-way delay: 63.242 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 47.03 Mbit/s
95th percentile per-packet one-way delay: 48.116 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 23.64 Mbit/s
95th percentile per-packet one-way delay: 65.838 ms
Loss rate: 1.16%
```

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

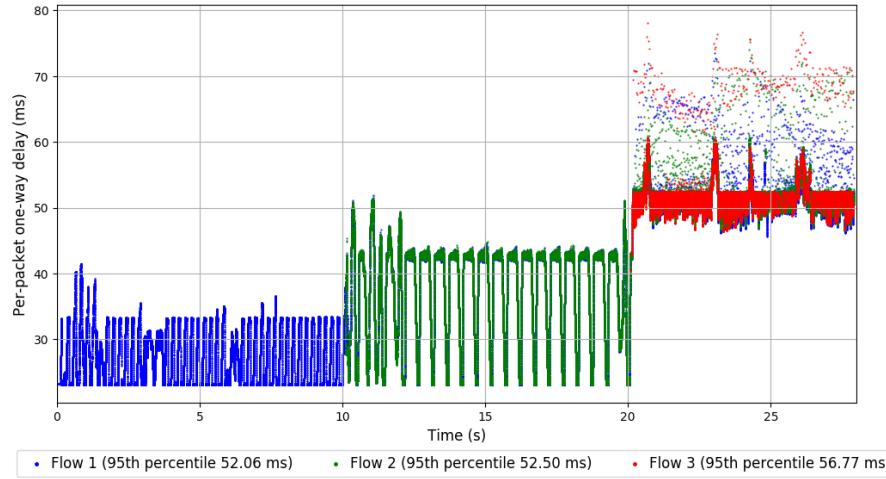
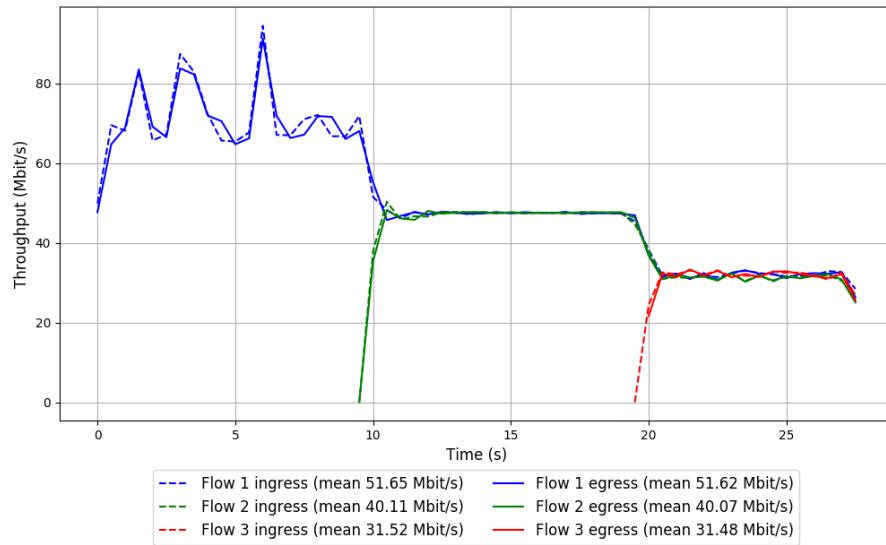


Run 4: Statistics of TaoVA-100x

```
Start at: 2017-11-16 08:27:11
End at: 2017-11-16 08:27:41
Local clock offset: 2.298 ms
Remote clock offset: 1.924 ms

# Below is generated by plot.py at 2017-11-16 13:57:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.26 Mbit/s
95th percentile per-packet one-way delay: 52.370 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 51.62 Mbit/s
95th percentile per-packet one-way delay: 52.058 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 40.07 Mbit/s
95th percentile per-packet one-way delay: 52.497 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 31.48 Mbit/s
95th percentile per-packet one-way delay: 56.766 ms
Loss rate: 1.09%
```

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

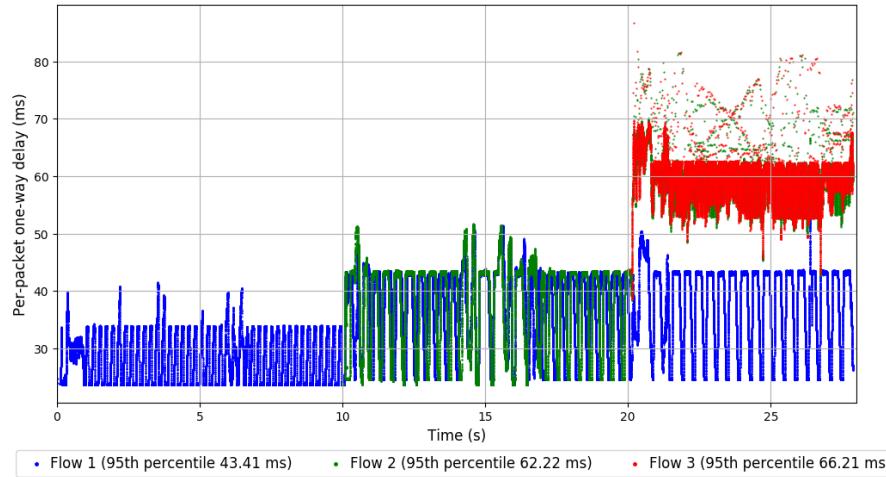
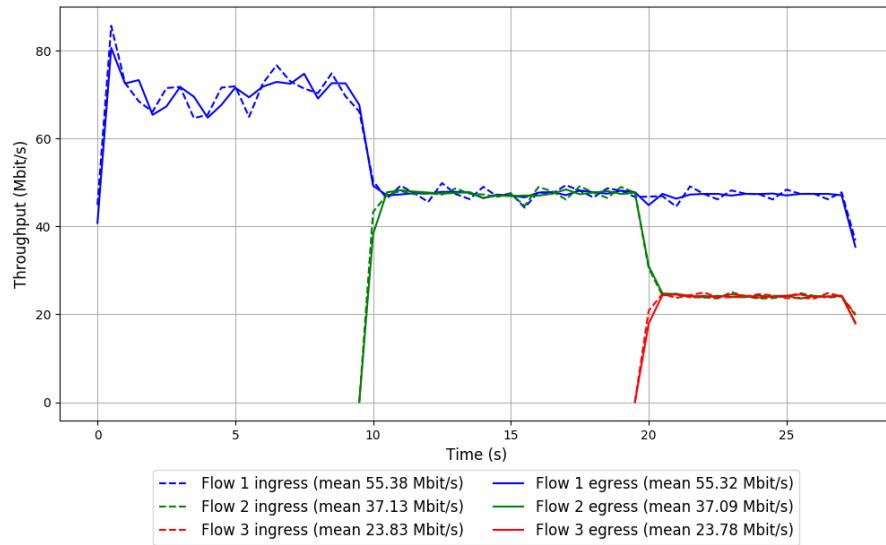


Run 5: Statistics of TaoVA-100x

```
Start at: 2017-11-16 08:46:27
End at: 2017-11-16 08:46:57
Local clock offset: 2.546 ms
Remote clock offset: 1.854 ms

# Below is generated by plot.py at 2017-11-16 13:57:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.89 Mbit/s
95th percentile per-packet one-way delay: 61.760 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 55.32 Mbit/s
95th percentile per-packet one-way delay: 43.409 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 37.09 Mbit/s
95th percentile per-packet one-way delay: 62.224 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 23.78 Mbit/s
95th percentile per-packet one-way delay: 66.208 ms
Loss rate: 1.28%
```

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

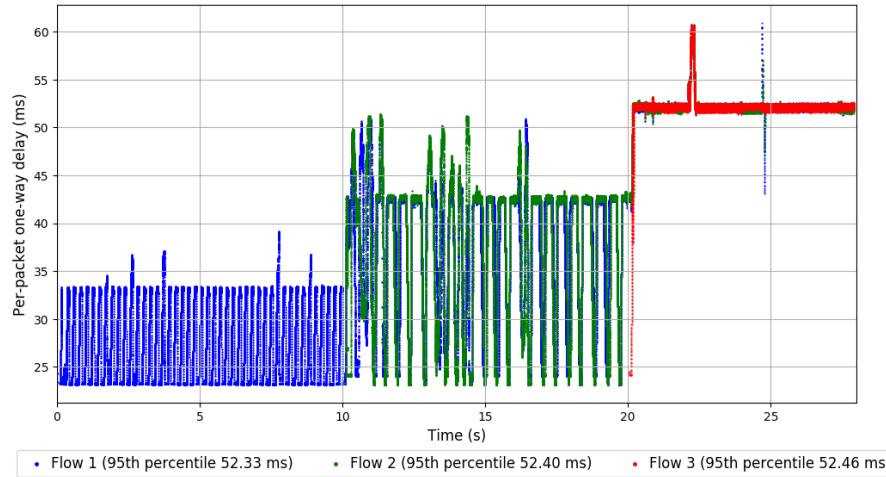
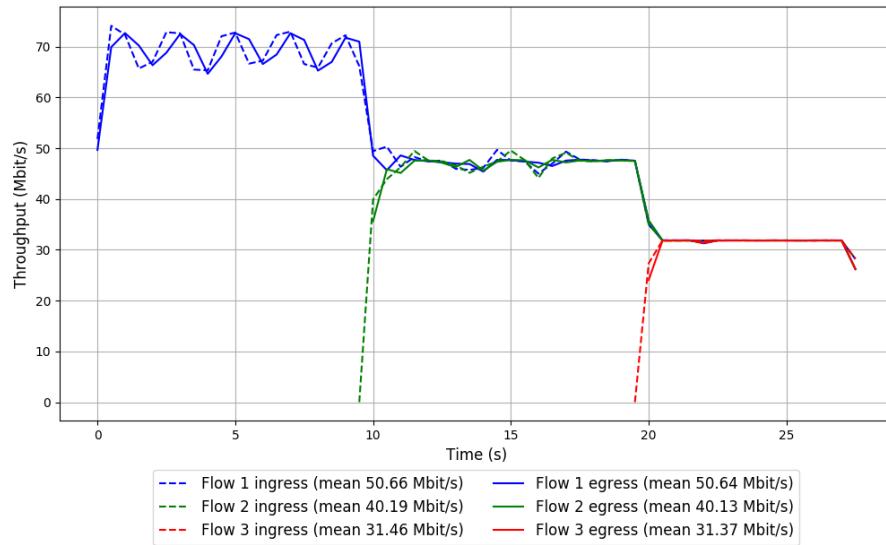


Run 6: Statistics of TaoVA-100x

```
Start at: 2017-11-16 09:05:46
End at: 2017-11-16 09:06:16
Local clock offset: 2.17 ms
Remote clock offset: 2.128 ms

# Below is generated by plot.py at 2017-11-16 13:57:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.29 Mbit/s
95th percentile per-packet one-way delay: 52.395 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 50.64 Mbit/s
95th percentile per-packet one-way delay: 52.331 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 40.13 Mbit/s
95th percentile per-packet one-way delay: 52.402 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 31.37 Mbit/s
95th percentile per-packet one-way delay: 52.462 ms
Loss rate: 1.16%
```

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

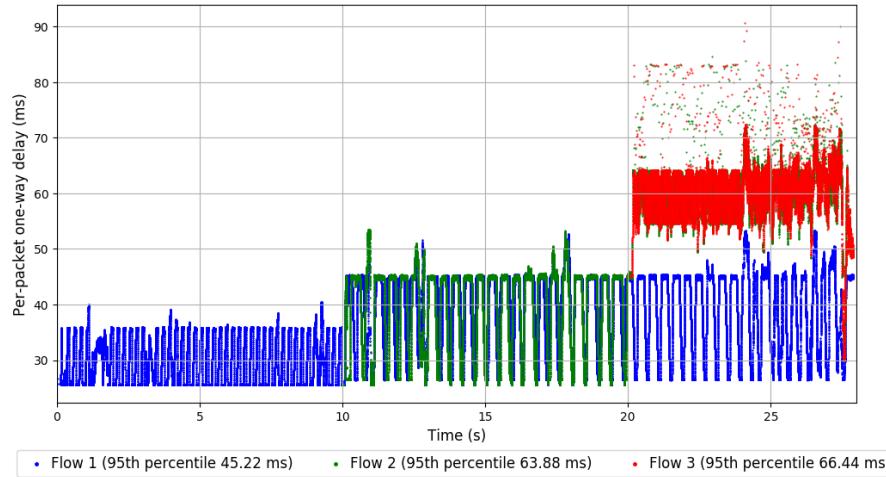
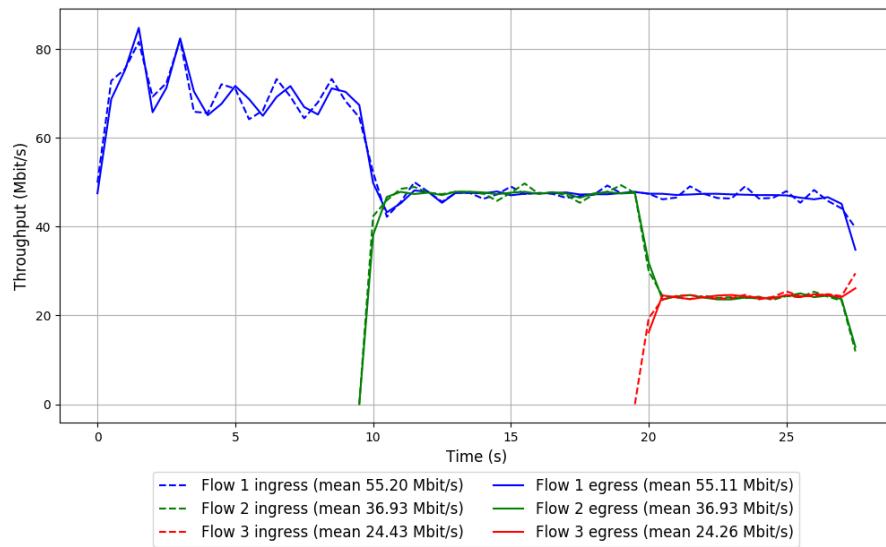


Run 7: Statistics of TaoVA-100x

```
Start at: 2017-11-16 09:24:54
End at: 2017-11-16 09:25:24
Local clock offset: 1.811 ms
Remote clock offset: -0.874 ms

# Below is generated by plot.py at 2017-11-16 13:57:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.71 Mbit/s
95th percentile per-packet one-way delay: 62.719 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 55.11 Mbit/s
95th percentile per-packet one-way delay: 45.216 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 36.93 Mbit/s
95th percentile per-packet one-way delay: 63.881 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 24.26 Mbit/s
95th percentile per-packet one-way delay: 66.439 ms
Loss rate: 1.77%
```

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

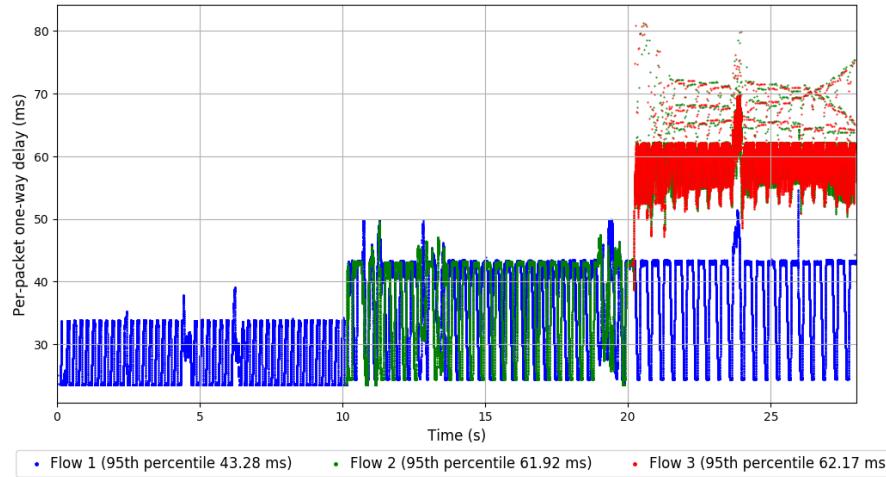
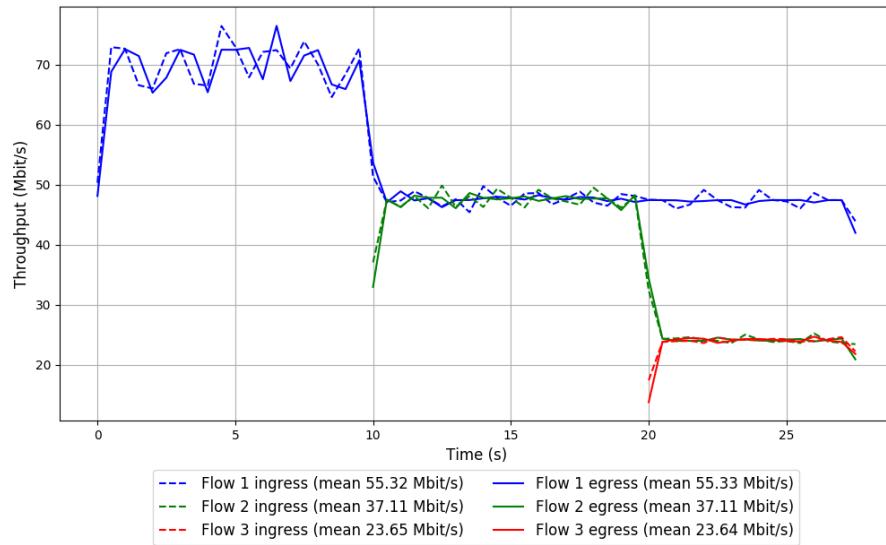


Run 8: Statistics of TaoVA-100x

```
Start at: 2017-11-16 09:44:01
End at: 2017-11-16 09:44:31
Local clock offset: 1.618 ms
Remote clock offset: 1.156 ms

# Below is generated by plot.py at 2017-11-16 13:57:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.80 Mbit/s
95th percentile per-packet one-way delay: 61.308 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 55.33 Mbit/s
95th percentile per-packet one-way delay: 43.276 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 37.11 Mbit/s
95th percentile per-packet one-way delay: 61.916 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 23.64 Mbit/s
95th percentile per-packet one-way delay: 62.171 ms
Loss rate: 1.09%
```

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

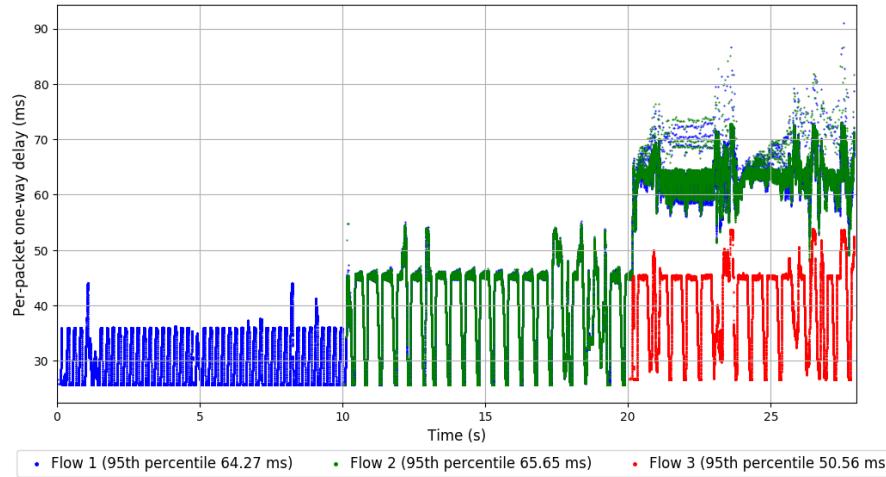
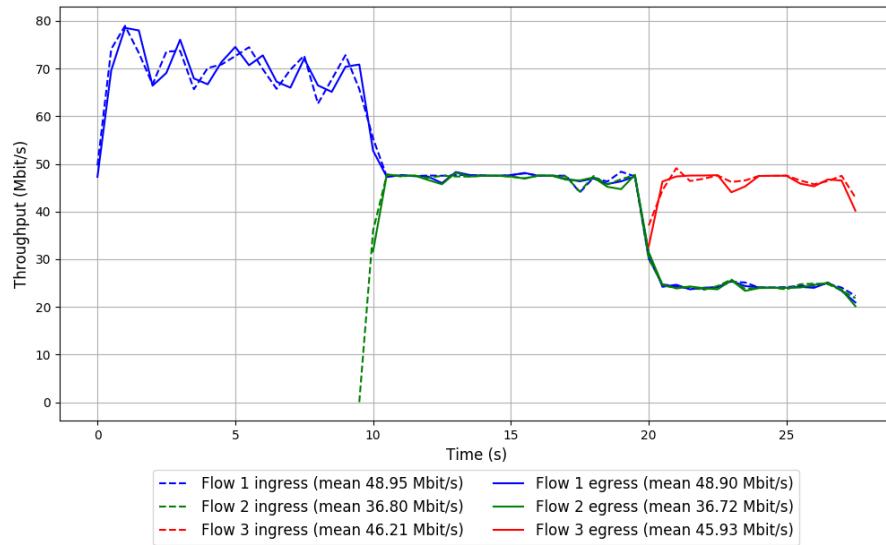


Run 9: Statistics of TaoVA-100x

```
Start at: 2017-11-16 10:03:05
End at: 2017-11-16 10:03:35
Local clock offset: 1.349 ms
Remote clock offset: -0.75 ms

# Below is generated by plot.py at 2017-11-16 13:59:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.46 Mbit/s
95th percentile per-packet one-way delay: 64.348 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 48.90 Mbit/s
95th percentile per-packet one-way delay: 64.267 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 36.72 Mbit/s
95th percentile per-packet one-way delay: 65.652 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 45.93 Mbit/s
95th percentile per-packet one-way delay: 50.557 ms
Loss rate: 1.41%
```

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

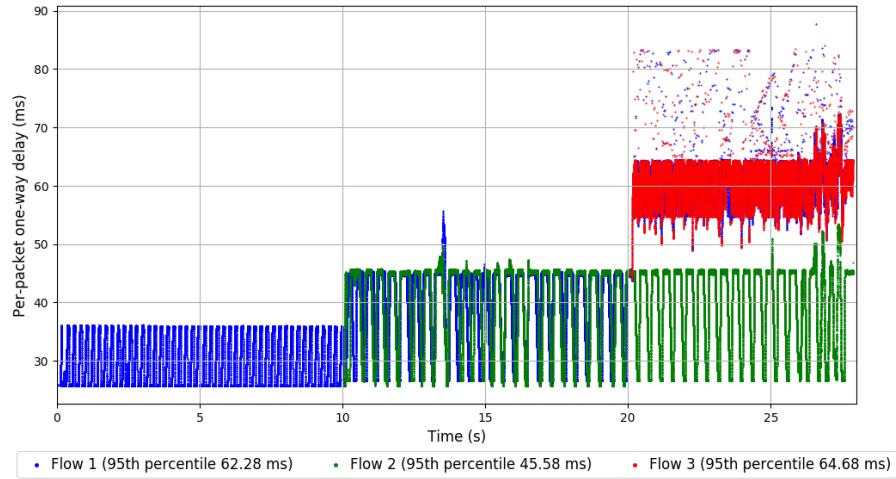
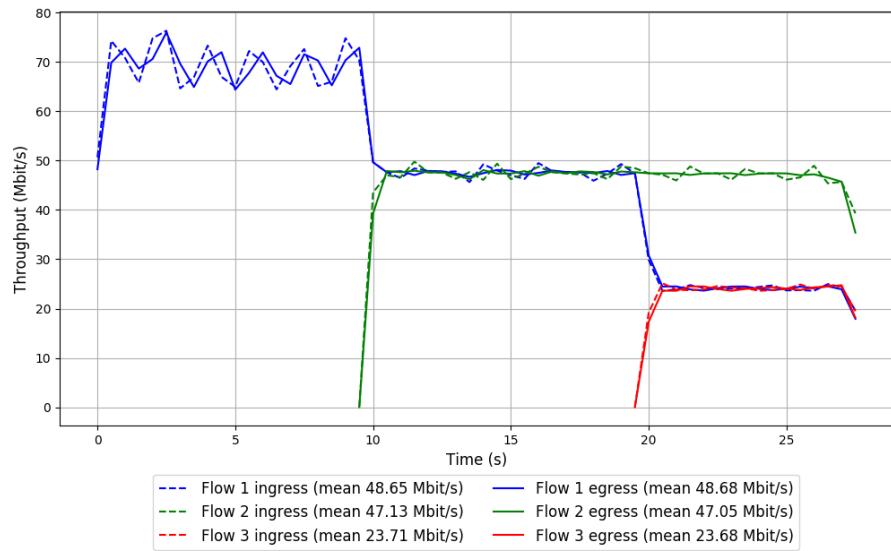


```
Run 10: Statistics of TaoVA-100x

Start at: 2017-11-16 10:22:20
End at: 2017-11-16 10:22:50
Local clock offset: 1.095 ms
Remote clock offset: -0.909 ms

# Below is generated by plot.py at 2017-11-16 13:59:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.62 Mbit/s
95th percentile per-packet one-way delay: 62.614 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 48.68 Mbit/s
95th percentile per-packet one-way delay: 62.282 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 47.05 Mbit/s
95th percentile per-packet one-way delay: 45.578 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 23.68 Mbit/s
95th percentile per-packet one-way delay: 64.683 ms
Loss rate: 1.22%
```

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

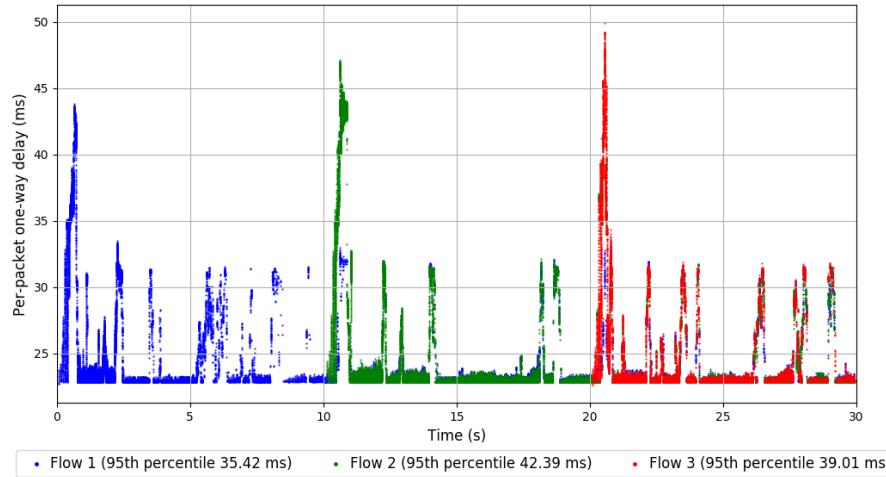
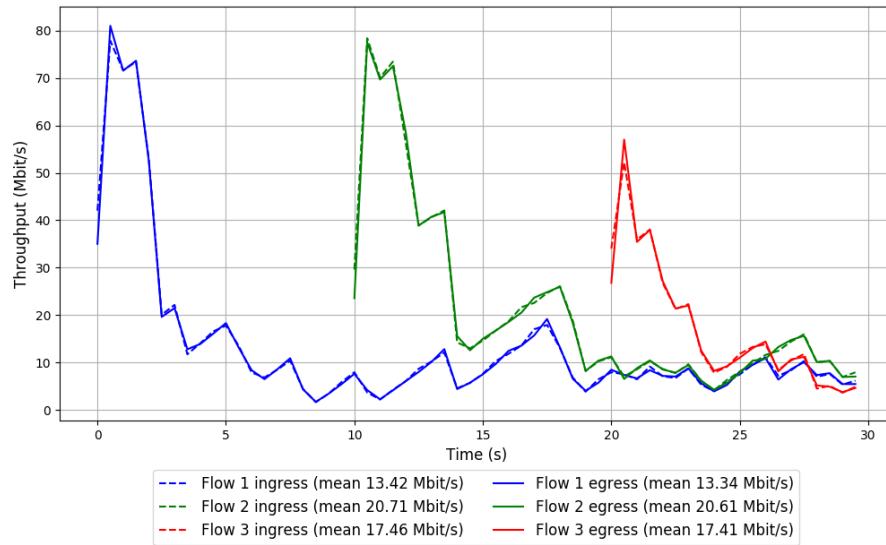


Run 1: Statistics of TCP Vegas

```
Start at: 2017-11-16 07:23:58
End at: 2017-11-16 07:24:28
Local clock offset: 0.472 ms
Remote clock offset: 0.072 ms

# Below is generated by plot.py at 2017-11-16 13:59:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 32.77 Mbit/s
95th percentile per-packet one-way delay: 37.748 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 13.34 Mbit/s
95th percentile per-packet one-way delay: 35.423 ms
Loss rate: 0.73%
-- Flow 2:
Average throughput: 20.61 Mbit/s
95th percentile per-packet one-way delay: 42.392 ms
Loss rate: 0.80%
-- Flow 3:
Average throughput: 17.41 Mbit/s
95th percentile per-packet one-way delay: 39.012 ms
Loss rate: 0.82%
```

Run 1: Report of TCP Vegas — Data Link

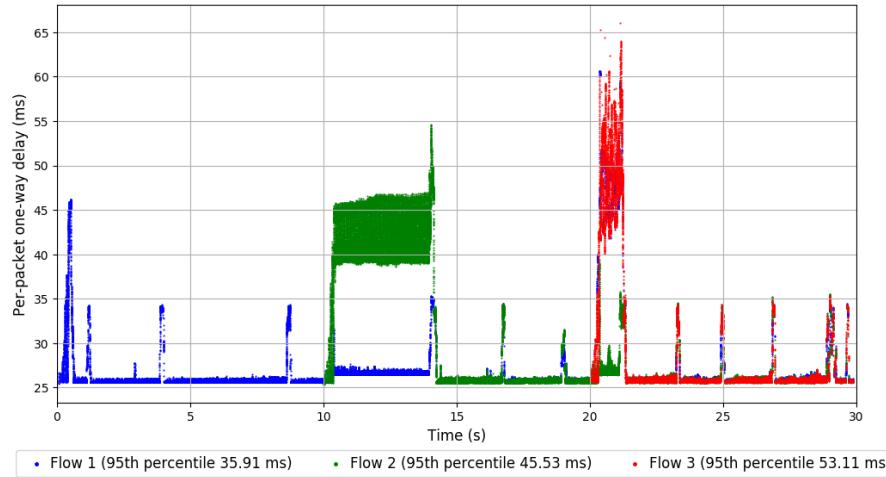
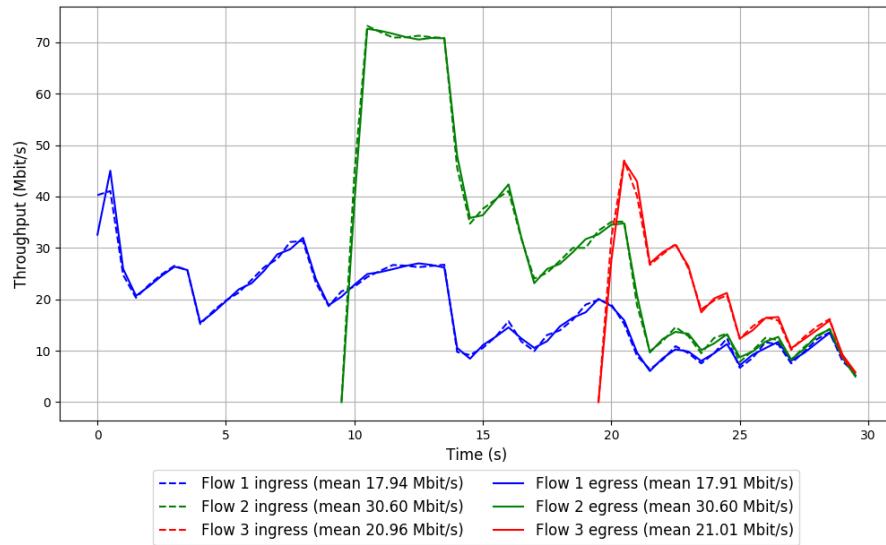


Run 2: Statistics of TCP Vegas

```
Start at: 2017-11-16 07:43:17
End at: 2017-11-16 07:43:47
Local clock offset: 1.057 ms
Remote clock offset: -2.317 ms

# Below is generated by plot.py at 2017-11-16 13:59:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 45.27 Mbit/s
95th percentile per-packet one-way delay: 45.848 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 17.91 Mbit/s
95th percentile per-packet one-way delay: 35.906 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 30.60 Mbit/s
95th percentile per-packet one-way delay: 45.528 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 21.01 Mbit/s
95th percentile per-packet one-way delay: 53.109 ms
Loss rate: 0.28%
```

Run 2: Report of TCP Vegas — Data Link

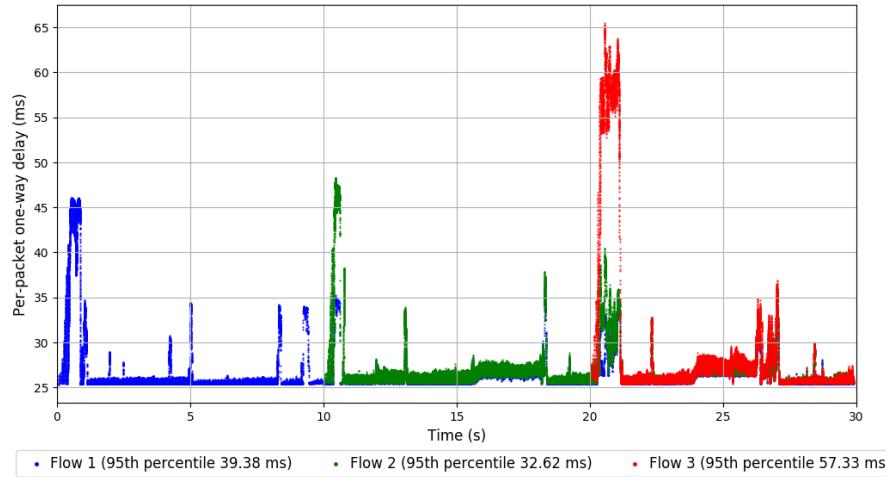
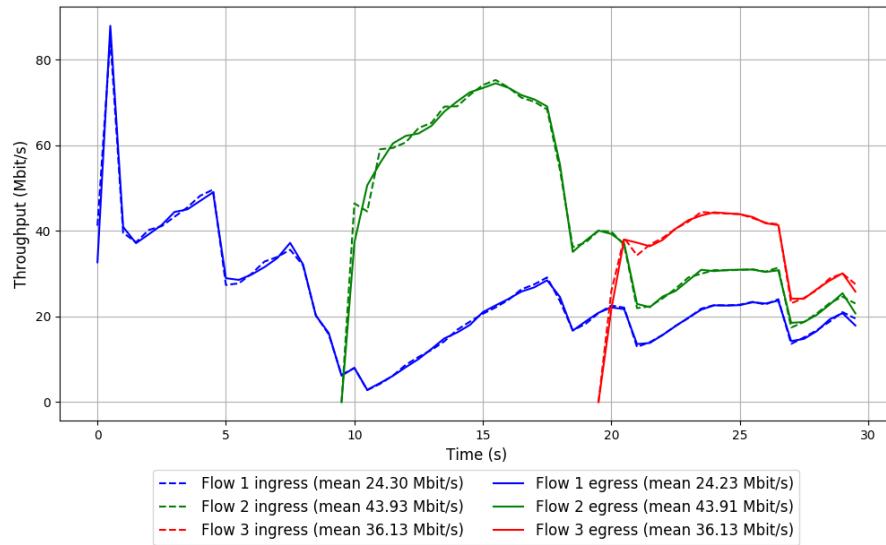


Run 3: Statistics of TCP Vegas

```
Start at: 2017-11-16 08:02:38
End at: 2017-11-16 08:03:08
Local clock offset: 1.537 ms
Remote clock offset: -1.386 ms

# Below is generated by plot.py at 2017-11-16 13:59:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 65.47 Mbit/s
95th percentile per-packet one-way delay: 36.109 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 24.23 Mbit/s
95th percentile per-packet one-way delay: 39.376 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 43.91 Mbit/s
95th percentile per-packet one-way delay: 32.623 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 36.13 Mbit/s
95th percentile per-packet one-way delay: 57.331 ms
Loss rate: 0.54%
```

Run 3: Report of TCP Vegas — Data Link

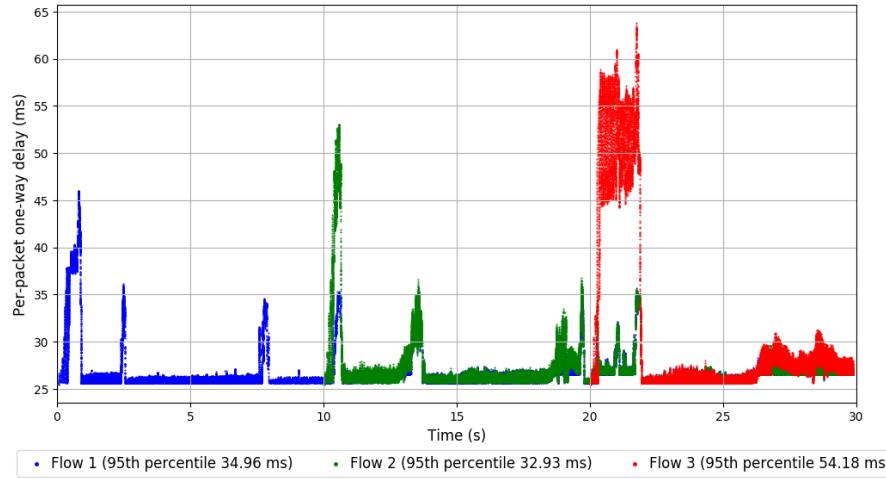
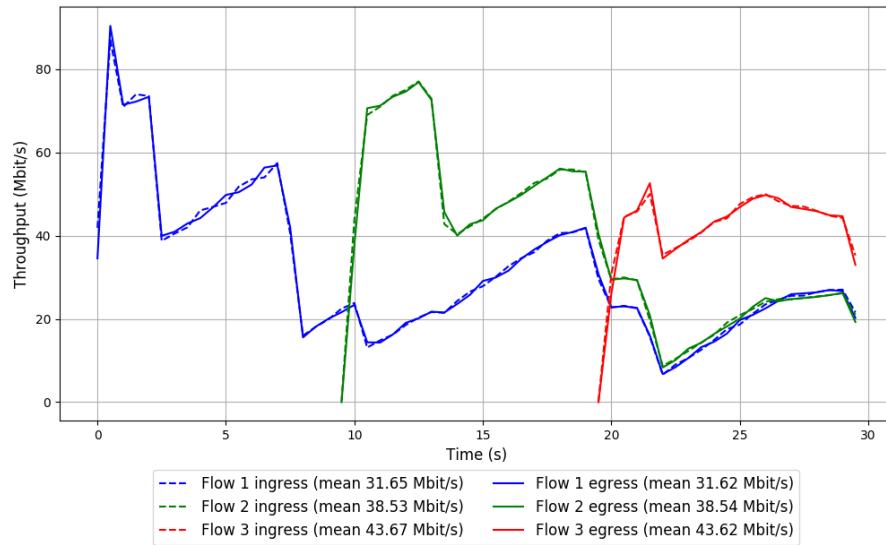


Run 4: Statistics of TCP Vegas

```
Start at: 2017-11-16 08:21:49
End at: 2017-11-16 08:22:19
Local clock offset: 2.106 ms
Remote clock offset: -0.701 ms

# Below is generated by plot.py at 2017-11-16 13:59:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 71.79 Mbit/s
95th percentile per-packet one-way delay: 39.209 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 31.62 Mbit/s
95th percentile per-packet one-way delay: 34.960 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 38.54 Mbit/s
95th percentile per-packet one-way delay: 32.932 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 43.62 Mbit/s
95th percentile per-packet one-way delay: 54.179 ms
Loss rate: 0.65%
```

Run 4: Report of TCP Vegas — Data Link

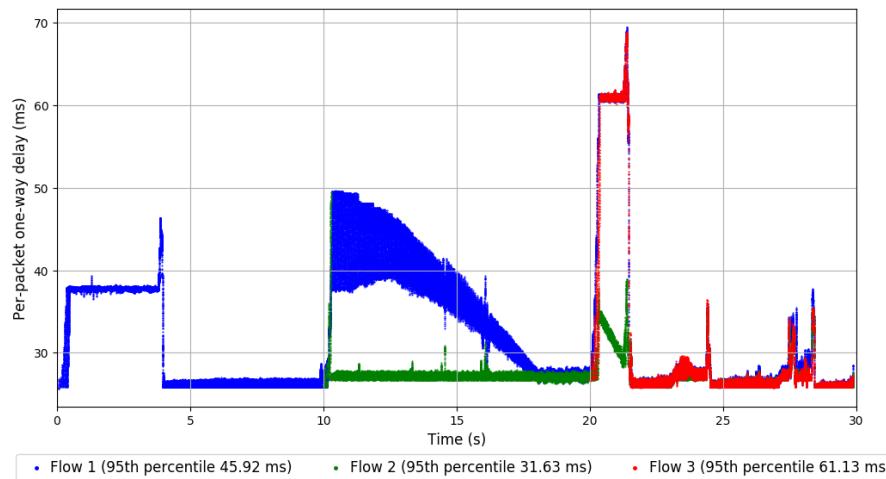
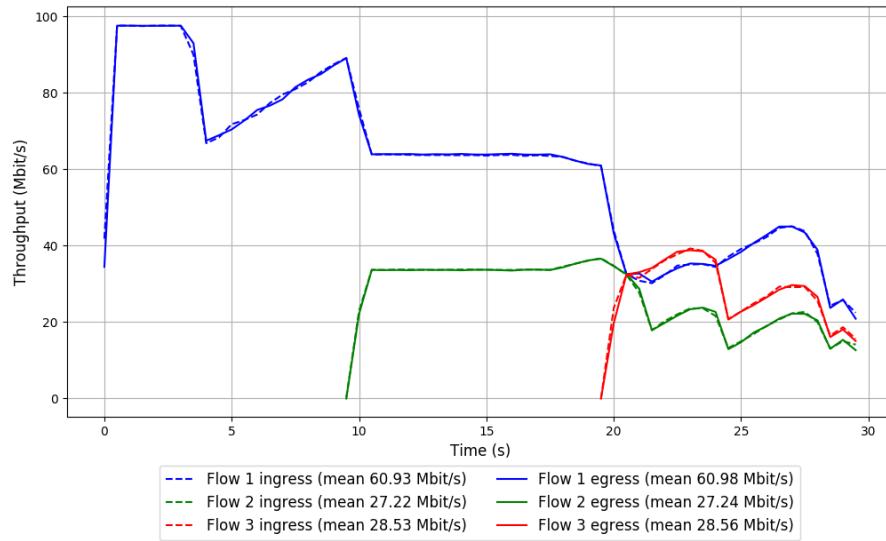


Run 5: Statistics of TCP Vegas

```
Start at: 2017-11-16 08:41:01
End at: 2017-11-16 08:41:31
Local clock offset: 2.661 ms
Remote clock offset: -0.32 ms

# Below is generated by plot.py at 2017-11-16 13:59:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.61 Mbit/s
95th percentile per-packet one-way delay: 45.845 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 60.98 Mbit/s
95th percentile per-packet one-way delay: 45.921 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 27.24 Mbit/s
95th percentile per-packet one-way delay: 31.629 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 28.56 Mbit/s
95th percentile per-packet one-way delay: 61.133 ms
Loss rate: 0.43%
```

Run 5: Report of TCP Vegas — Data Link

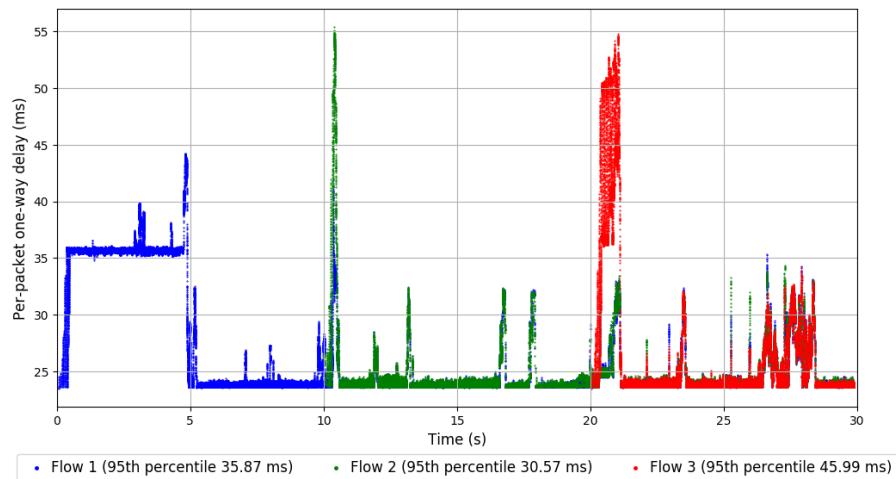
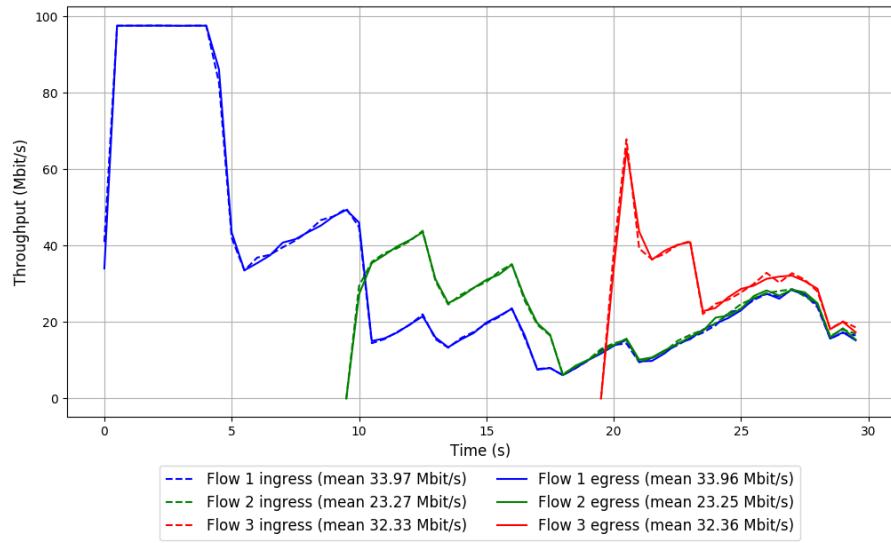


Run 6: Statistics of TCP Vegas

```
Start at: 2017-11-16 09:00:24
End at: 2017-11-16 09:00:54
Local clock offset: 2.3 ms
Remote clock offset: 1.847 ms

# Below is generated by plot.py at 2017-11-16 13:59:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 60.19 Mbit/s
95th percentile per-packet one-way delay: 35.984 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 33.96 Mbit/s
95th percentile per-packet one-way delay: 35.870 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 23.25 Mbit/s
95th percentile per-packet one-way delay: 30.571 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 32.36 Mbit/s
95th percentile per-packet one-way delay: 45.993 ms
Loss rate: 0.46%
```

Run 6: Report of TCP Vegas — Data Link

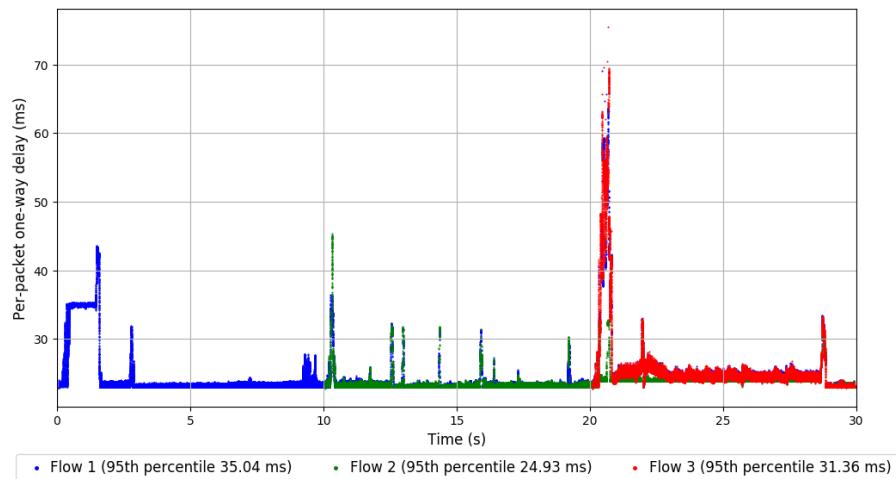
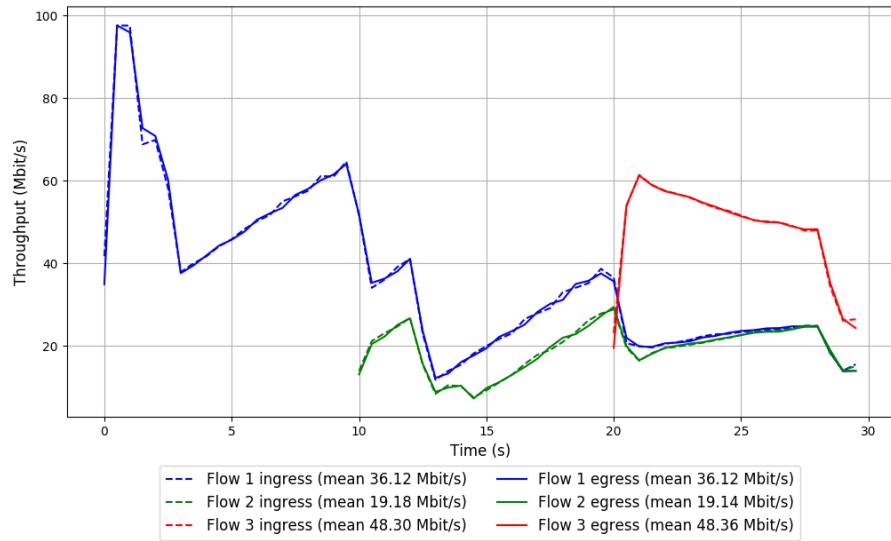


Run 7: Statistics of TCP Vegas

```
Start at: 2017-11-16 09:19:32
End at: 2017-11-16 09:20:02
Local clock offset: 1.857 ms
Remote clock offset: 1.839 ms

# Below is generated by plot.py at 2017-11-16 13:59:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 64.85 Mbit/s
95th percentile per-packet one-way delay: 34.976 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 36.12 Mbit/s
95th percentile per-packet one-way delay: 35.036 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 19.14 Mbit/s
95th percentile per-packet one-way delay: 24.935 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 48.36 Mbit/s
95th percentile per-packet one-way delay: 31.365 ms
Loss rate: 0.44%
```

Run 7: Report of TCP Vegas — Data Link

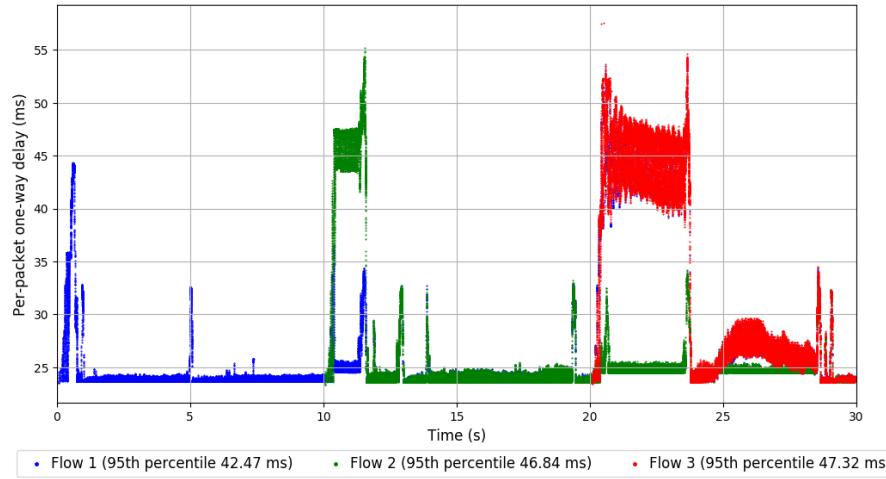
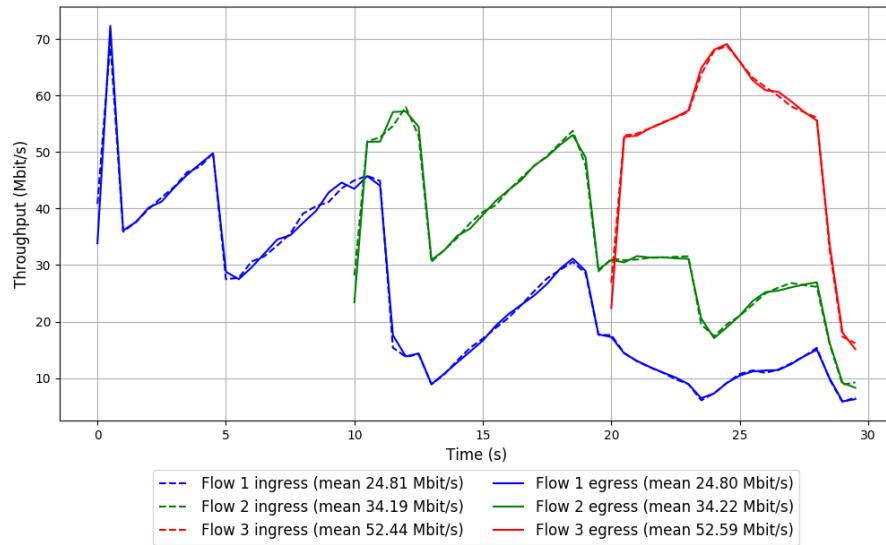


Run 8: Statistics of TCP Vegas

```
Start at: 2017-11-16 09:38:38
End at: 2017-11-16 09:39:08
Local clock offset: 1.664 ms
Remote clock offset: 1.045 ms

# Below is generated by plot.py at 2017-11-16 13:59:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 64.97 Mbit/s
95th percentile per-packet one-way delay: 46.468 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 24.80 Mbit/s
95th percentile per-packet one-way delay: 42.471 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 34.22 Mbit/s
95th percentile per-packet one-way delay: 46.837 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 52.59 Mbit/s
95th percentile per-packet one-way delay: 47.322 ms
Loss rate: 0.23%
```

Run 8: Report of TCP Vegas — Data Link

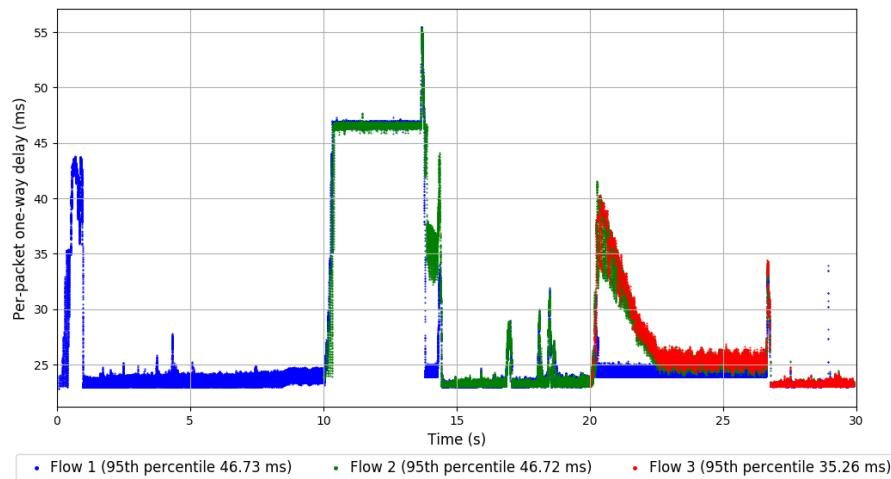
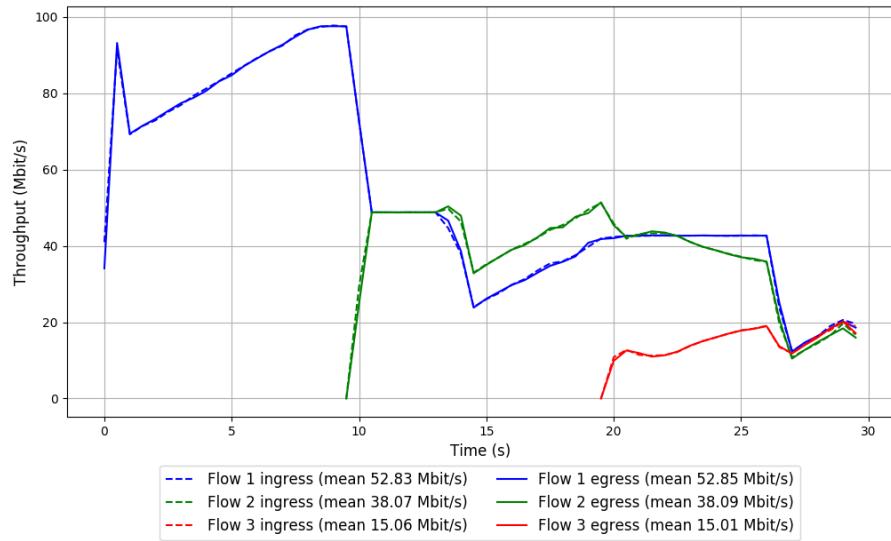


Run 9: Statistics of TCP Vegas

```
Start at: 2017-11-16 09:57:44
End at: 2017-11-16 09:58:14
Local clock offset: 1.436 ms
Remote clock offset: 1.857 ms

# Below is generated by plot.py at 2017-11-16 13:59:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.20 Mbit/s
95th percentile per-packet one-way delay: 46.718 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 52.85 Mbit/s
95th percentile per-packet one-way delay: 46.735 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 38.09 Mbit/s
95th percentile per-packet one-way delay: 46.718 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 15.01 Mbit/s
95th percentile per-packet one-way delay: 35.259 ms
Loss rate: 0.86%
```

Run 9: Report of TCP Vegas — Data Link

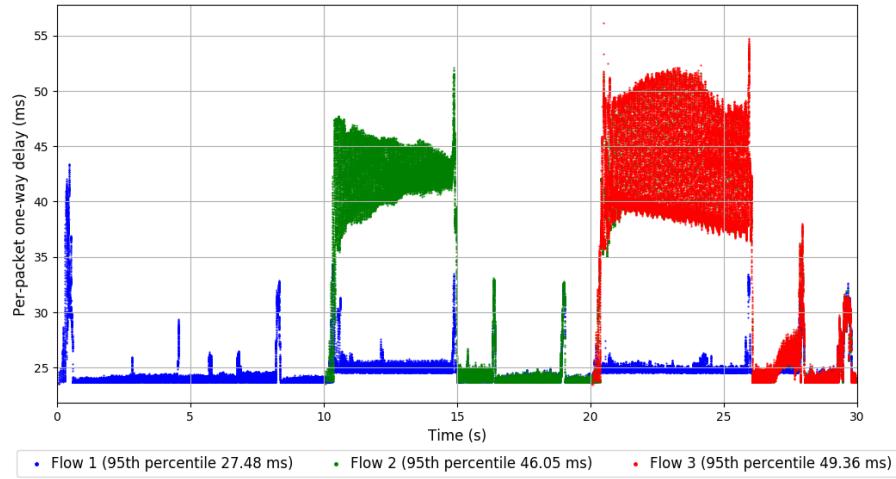
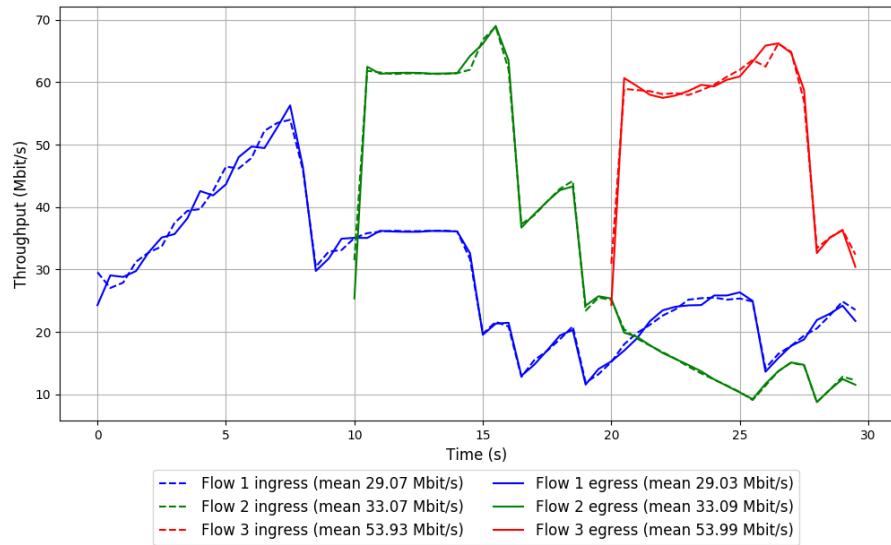


Run 10: Statistics of TCP Vegas

```
Start at: 2017-11-16 10:16:53
End at: 2017-11-16 10:17:23
Local clock offset: 1.15 ms
Remote clock offset: 1.418 ms

# Below is generated by plot.py at 2017-11-16 13:59:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 68.93 Mbit/s
95th percentile per-packet one-way delay: 46.651 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 29.03 Mbit/s
95th percentile per-packet one-way delay: 27.475 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 33.09 Mbit/s
95th percentile per-packet one-way delay: 46.054 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 53.99 Mbit/s
95th percentile per-packet one-way delay: 49.364 ms
Loss rate: 0.39%
```

Run 10: Report of TCP Vegas — Data Link

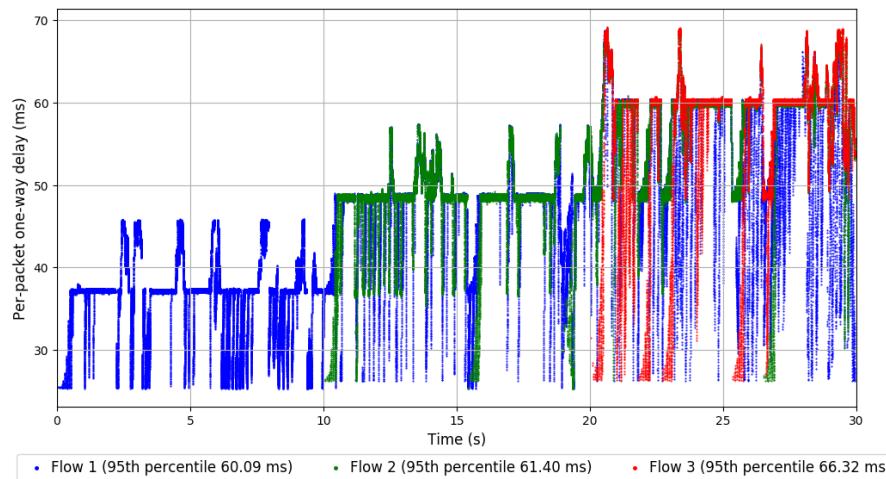
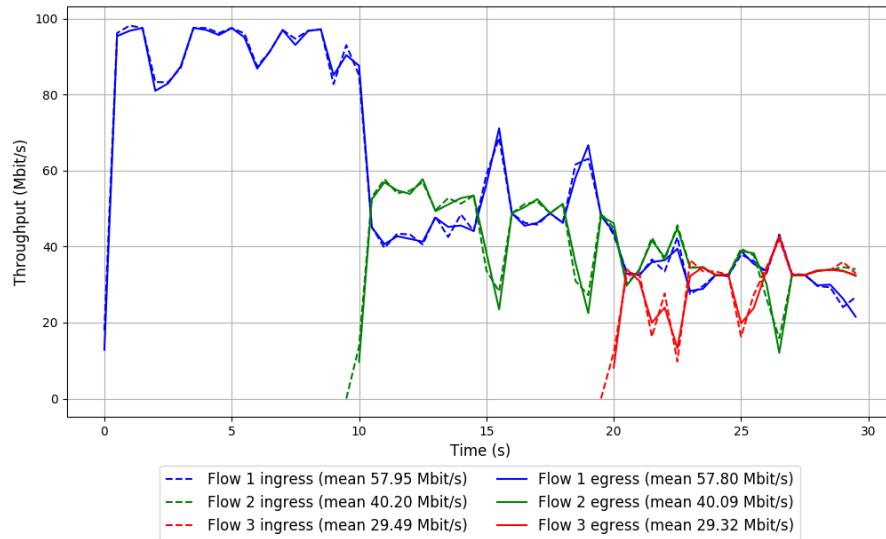


Run 1: Statistics of Verus

```
Start at: 2017-11-16 07:30:49
End at: 2017-11-16 07:31:19
Local clock offset: 0.55 ms
Remote clock offset: -2.445 ms

# Below is generated by plot.py at 2017-11-16 13:59:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.20 Mbit/s
95th percentile per-packet one-way delay: 60.370 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 57.80 Mbit/s
95th percentile per-packet one-way delay: 60.088 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 40.09 Mbit/s
95th percentile per-packet one-way delay: 61.403 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 29.32 Mbit/s
95th percentile per-packet one-way delay: 66.318 ms
Loss rate: 1.33%
```

Run 1: Report of Verus — Data Link

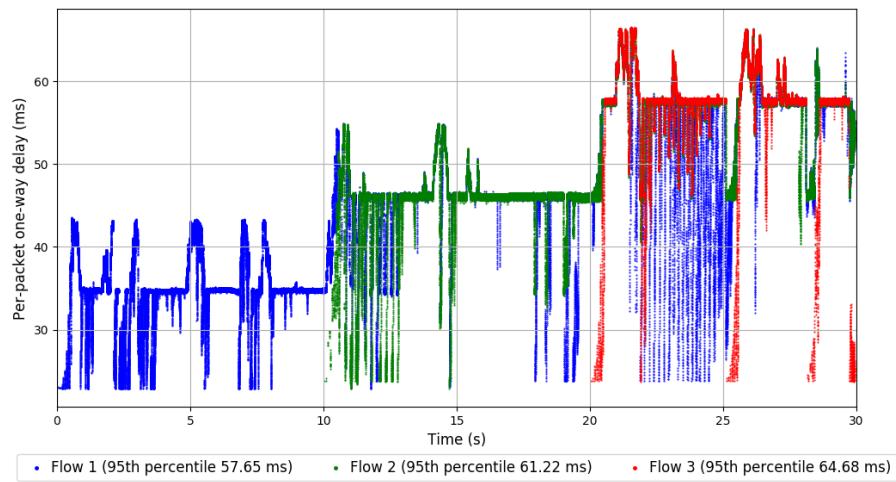
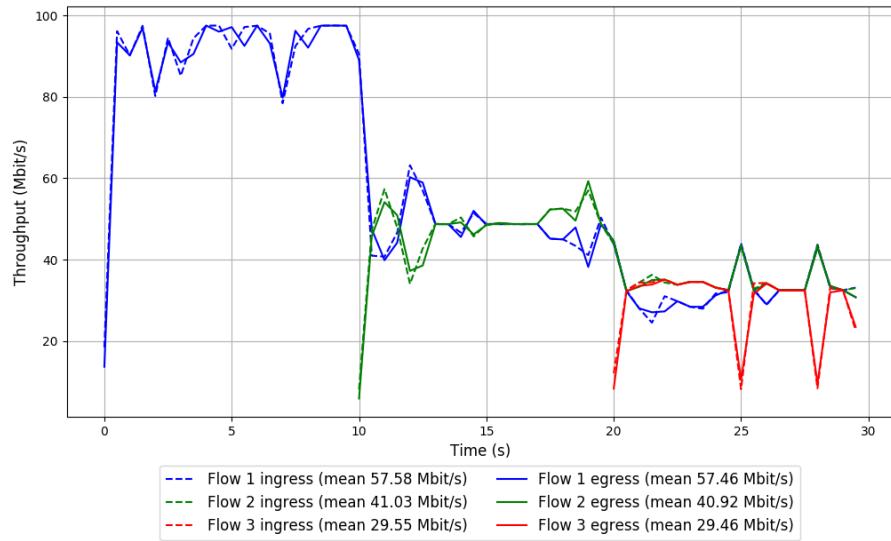


Run 2: Statistics of Verus

```
Start at: 2017-11-16 07:50:11
End at: 2017-11-16 07:50:41
Local clock offset: 1.303 ms
Remote clock offset: 0.653 ms

# Below is generated by plot.py at 2017-11-16 14:00:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.41 Mbit/s
95th percentile per-packet one-way delay: 60.432 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 57.46 Mbit/s
95th percentile per-packet one-way delay: 57.651 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 40.92 Mbit/s
95th percentile per-packet one-way delay: 61.215 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 29.46 Mbit/s
95th percentile per-packet one-way delay: 64.684 ms
Loss rate: 0.85%
```

Run 2: Report of Verus — Data Link

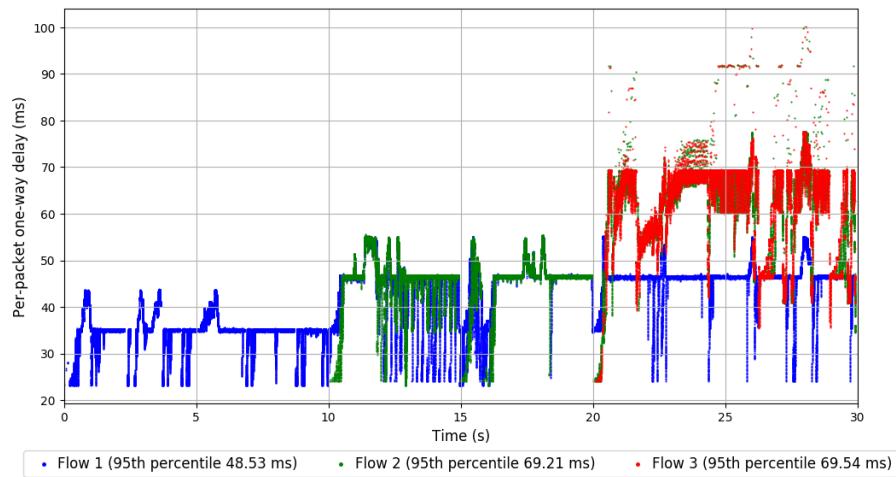
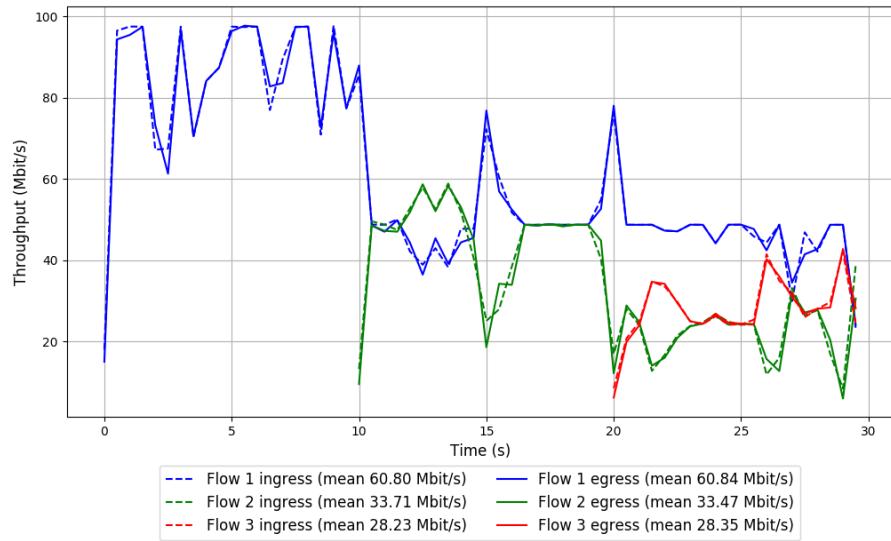


Run 3: Statistics of Verus

```
Start at: 2017-11-16 08:09:27
End at: 2017-11-16 08:09:57
Local clock offset: 1.718 ms
Remote clock offset: 1.108 ms

# Below is generated by plot.py at 2017-11-16 14:00:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.36 Mbit/s
95th percentile per-packet one-way delay: 68.572 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 60.84 Mbit/s
95th percentile per-packet one-way delay: 48.533 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 33.47 Mbit/s
95th percentile per-packet one-way delay: 69.207 ms
Loss rate: 1.05%
-- Flow 3:
Average throughput: 28.35 Mbit/s
95th percentile per-packet one-way delay: 69.537 ms
Loss rate: 0.11%
```

Run 3: Report of Verus — Data Link

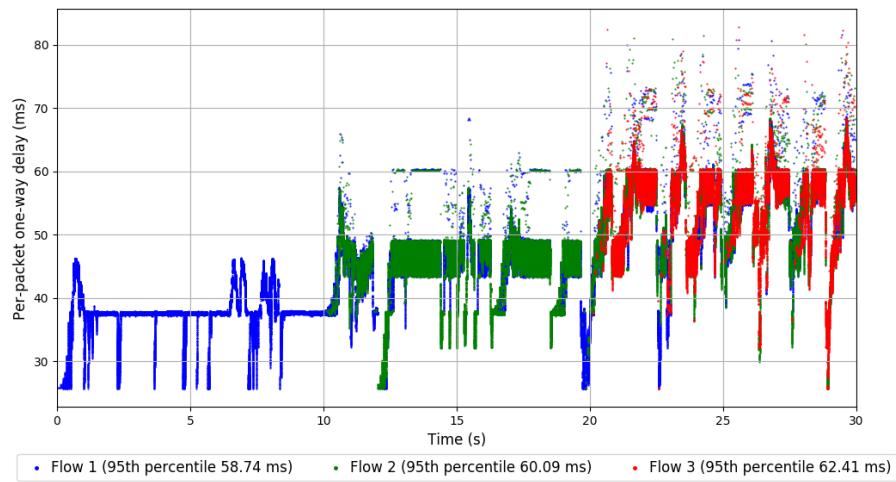
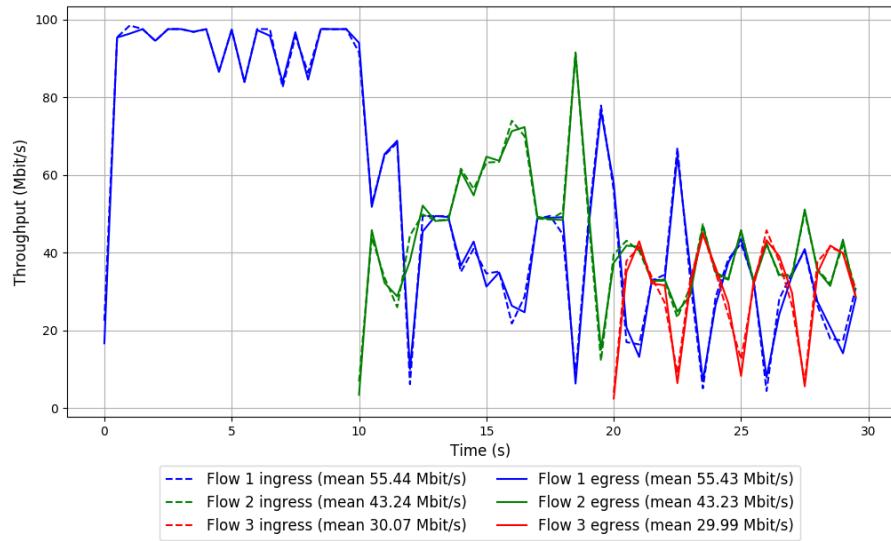


Run 4: Statistics of Verus

```
Start at: 2017-11-16 08:28:37
End at: 2017-11-16 08:29:07
Local clock offset: 2.414 ms
Remote clock offset: -0.521 ms

# Below is generated by plot.py at 2017-11-16 14:00:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.09 Mbit/s
95th percentile per-packet one-way delay: 59.992 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 55.43 Mbit/s
95th percentile per-packet one-way delay: 58.738 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 43.23 Mbit/s
95th percentile per-packet one-way delay: 60.093 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 29.99 Mbit/s
95th percentile per-packet one-way delay: 62.411 ms
Loss rate: 1.06%
```

Run 4: Report of Verus — Data Link

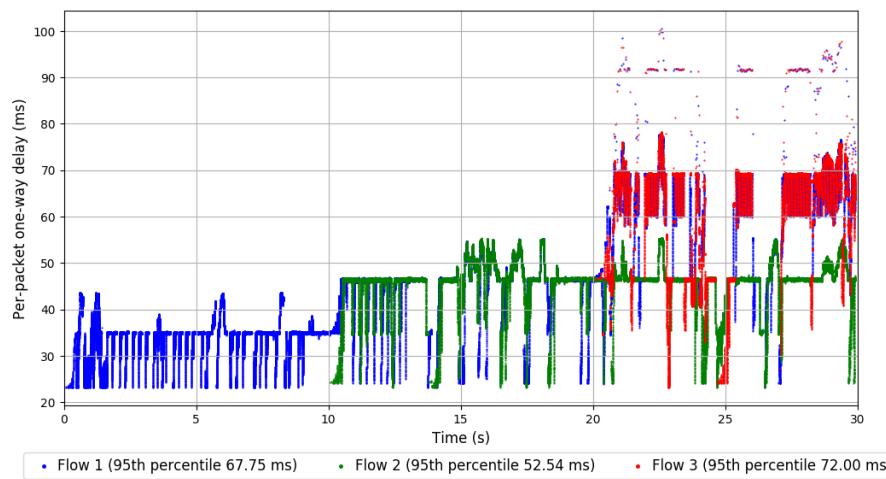
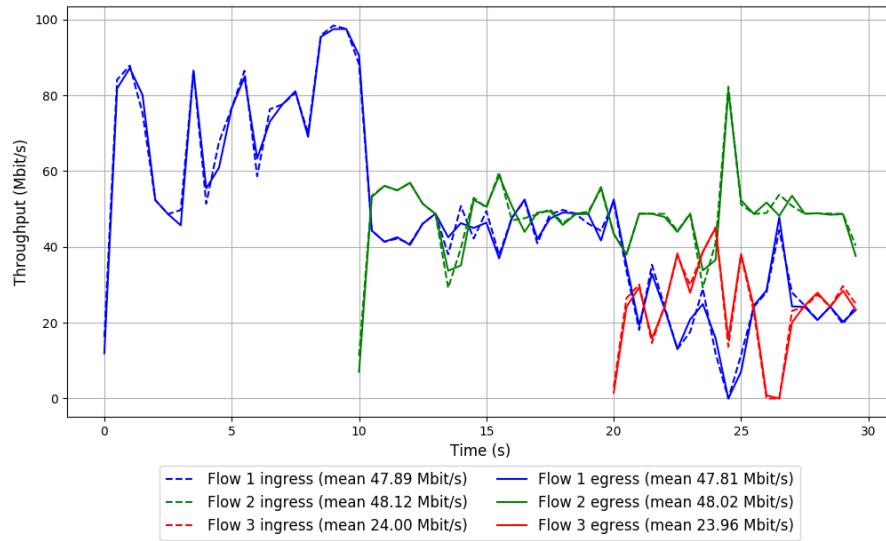


Run 5: Statistics of Verus

```
Start at: 2017-11-16 08:47:52
End at: 2017-11-16 08:48:22
Local clock offset: 2.535 ms
Remote clock offset: 2.454 ms

# Below is generated by plot.py at 2017-11-16 14:00:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.62 Mbit/s
95th percentile per-packet one-way delay: 68.678 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 47.81 Mbit/s
95th percentile per-packet one-way delay: 67.746 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 48.02 Mbit/s
95th percentile per-packet one-way delay: 52.539 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 23.96 Mbit/s
95th percentile per-packet one-way delay: 72.000 ms
Loss rate: 1.21%
```

Run 5: Report of Verus — Data Link

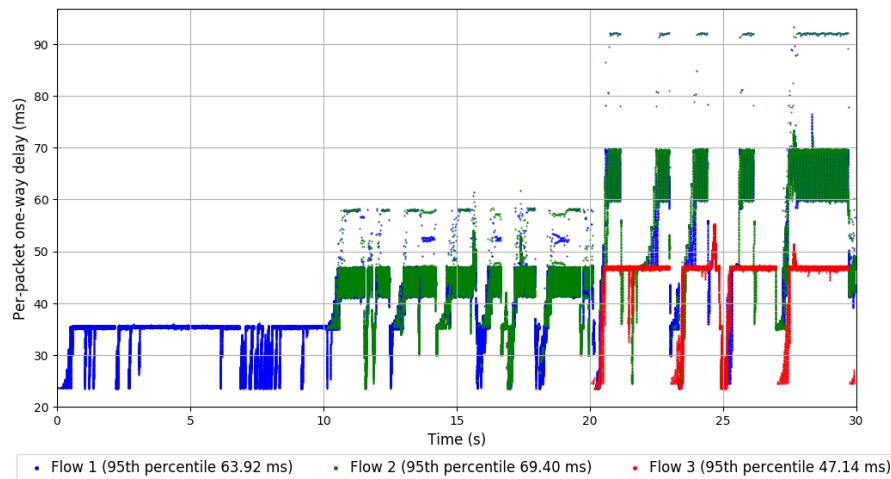
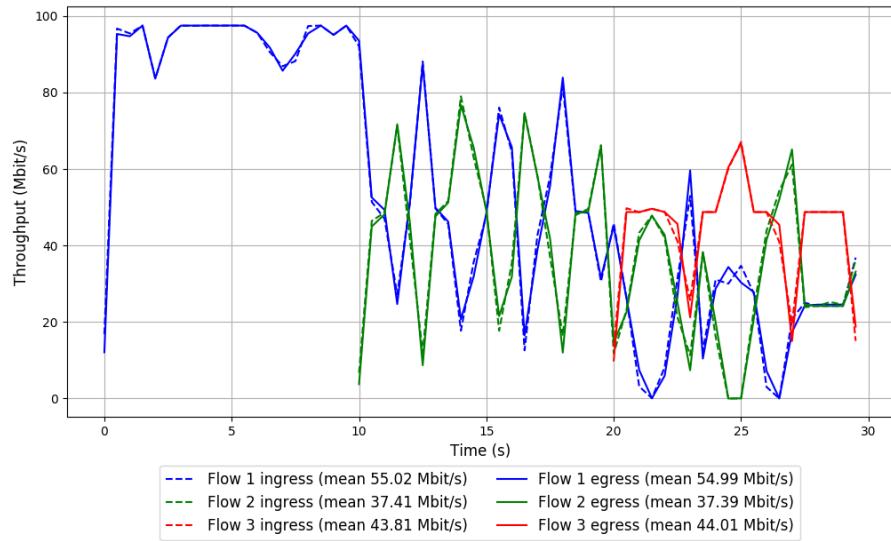


Run 6: Statistics of Verus

```
Start at: 2017-11-16 09:07:11
End at: 2017-11-16 09:07:41
Local clock offset: 2.05 ms
Remote clock offset: 1.617 ms

# Below is generated by plot.py at 2017-11-16 14:00:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.37 Mbit/s
95th percentile per-packet one-way delay: 66.067 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 54.99 Mbit/s
95th percentile per-packet one-way delay: 63.923 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 37.39 Mbit/s
95th percentile per-packet one-way delay: 69.397 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 44.01 Mbit/s
95th percentile per-packet one-way delay: 47.144 ms
Loss rate: 0.10%
```

Run 6: Report of Verus — Data Link

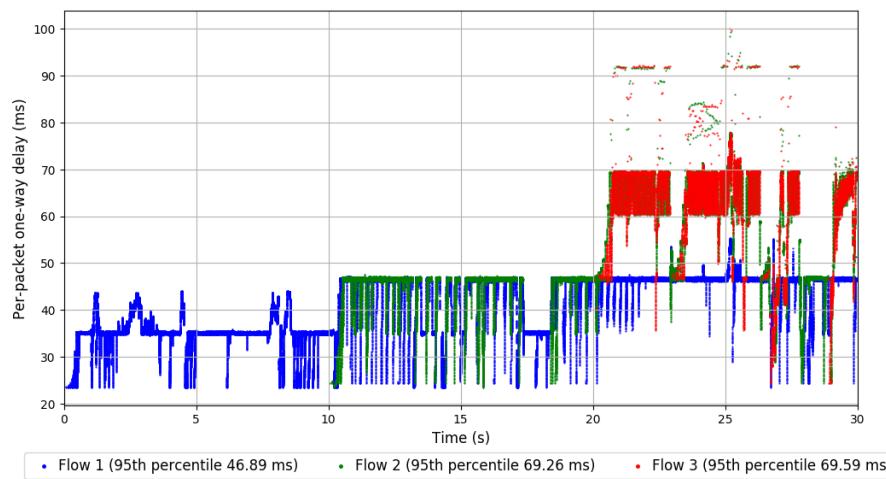
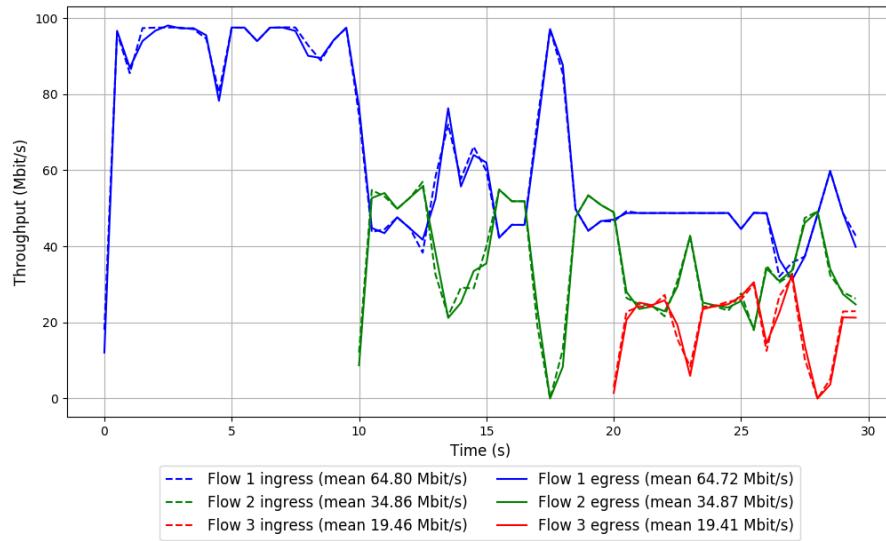


Run 7: Statistics of Verus

```
Start at: 2017-11-16 09:26:19
End at: 2017-11-16 09:26:49
Local clock offset: 1.8 ms
Remote clock offset: 1.206 ms

# Below is generated by plot.py at 2017-11-16 14:00:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.31 Mbit/s
95th percentile per-packet one-way delay: 67.746 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 64.72 Mbit/s
95th percentile per-packet one-way delay: 46.892 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 34.87 Mbit/s
95th percentile per-packet one-way delay: 69.264 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 19.41 Mbit/s
95th percentile per-packet one-way delay: 69.593 ms
Loss rate: 1.24%
```

Run 7: Report of Verus — Data Link

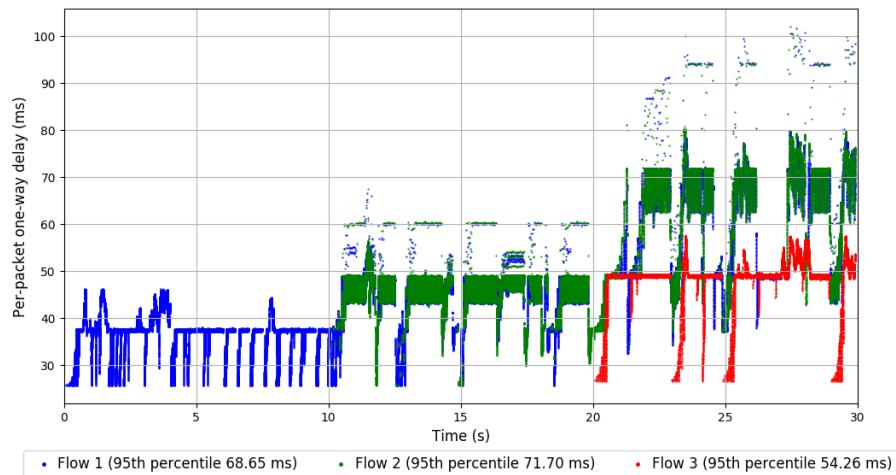
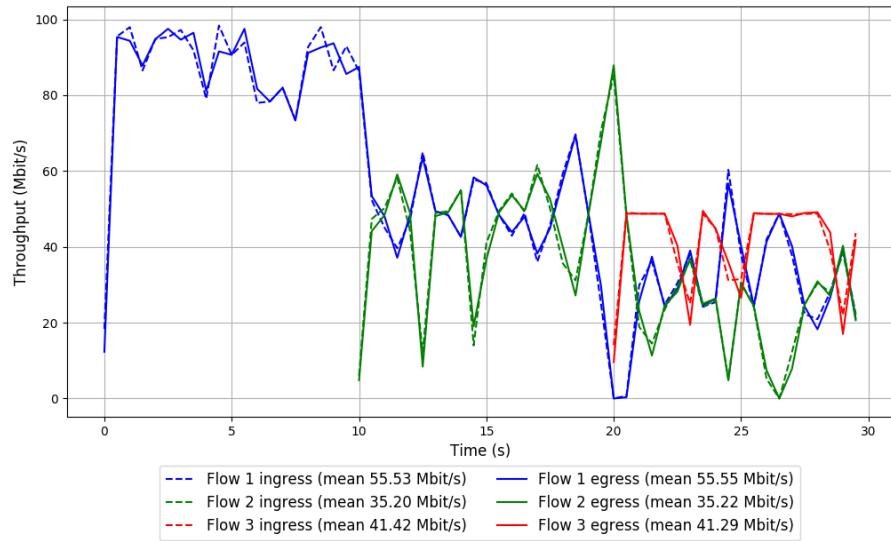


Run 8: Statistics of Verus

```
Start at: 2017-11-16 09:45:26
End at: 2017-11-16 09:45:56
Local clock offset: 1.618 ms
Remote clock offset: -0.967 ms

# Below is generated by plot.py at 2017-11-16 14:00:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.60 Mbit/s
95th percentile per-packet one-way delay: 70.329 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 55.55 Mbit/s
95th percentile per-packet one-way delay: 68.653 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 35.22 Mbit/s
95th percentile per-packet one-way delay: 71.696 ms
Loss rate: 0.37%
-- Flow 3:
Average throughput: 41.29 Mbit/s
95th percentile per-packet one-way delay: 54.262 ms
Loss rate: 0.86%
```

Run 8: Report of Verus — Data Link

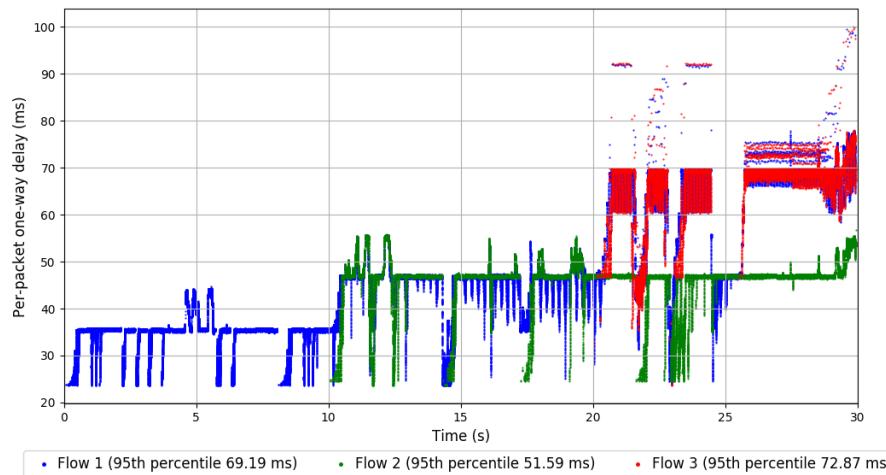
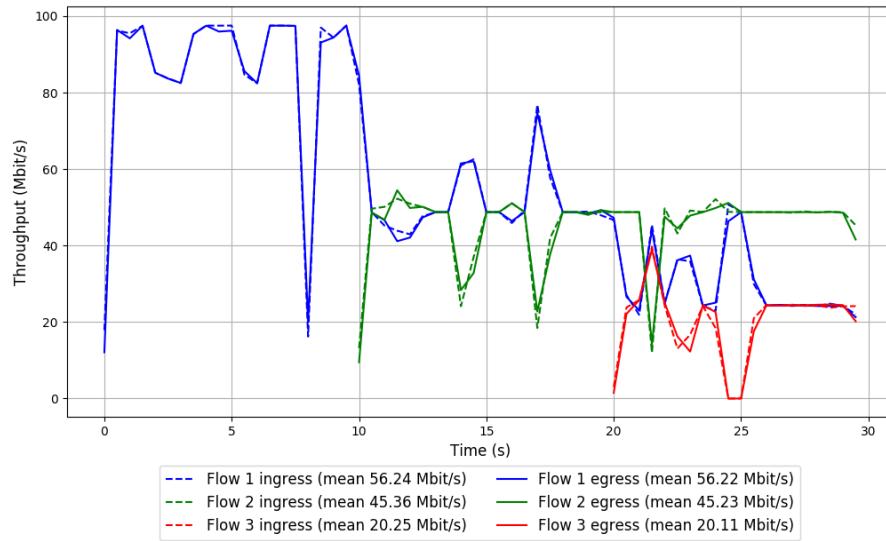


Run 9: Statistics of Verus

```
Start at: 2017-11-16 10:04:30
End at: 2017-11-16 10:05:00
Local clock offset: 1.323 ms
Remote clock offset: 1.356 ms

# Below is generated by plot.py at 2017-11-16 14:01:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.95 Mbit/s
95th percentile per-packet one-way delay: 69.284 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 56.22 Mbit/s
95th percentile per-packet one-way delay: 69.189 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 45.23 Mbit/s
95th percentile per-packet one-way delay: 51.592 ms
Loss rate: 0.60%
-- Flow 3:
Average throughput: 20.11 Mbit/s
95th percentile per-packet one-way delay: 72.873 ms
Loss rate: 1.53%
```

Run 9: Report of Verus — Data Link

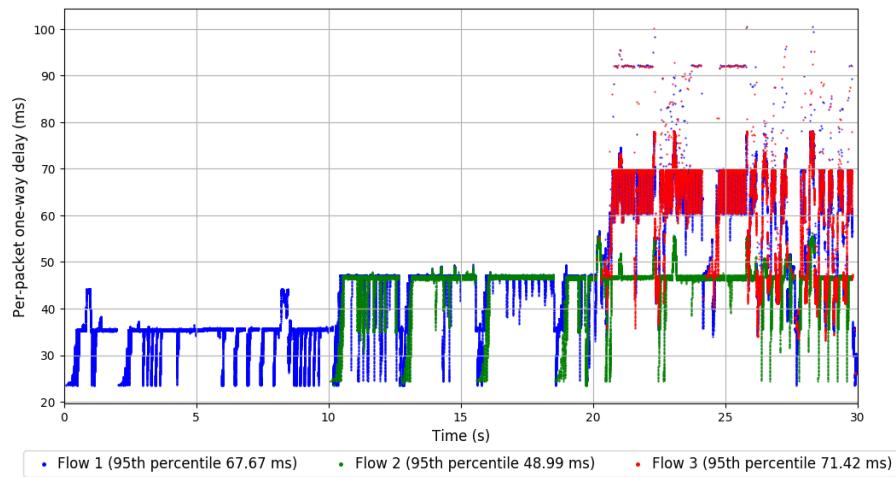
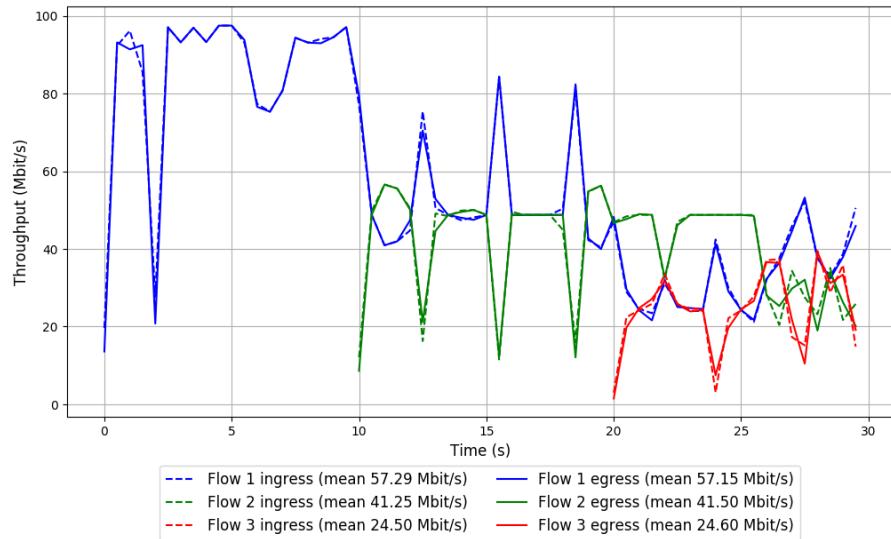


Run 10: Statistics of Verus

```
Start at: 2017-11-16 10:23:49
End at: 2017-11-16 10:24:19
Local clock offset: 1.083 ms
Remote clock offset: 1.185 ms

# Below is generated by plot.py at 2017-11-16 14:01:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.66 Mbit/s
95th percentile per-packet one-way delay: 69.108 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 57.15 Mbit/s
95th percentile per-packet one-way delay: 67.665 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 41.50 Mbit/s
95th percentile per-packet one-way delay: 48.995 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 24.60 Mbit/s
95th percentile per-packet one-way delay: 71.421 ms
Loss rate: 0.36%
```

Run 10: Report of Verus — Data Link

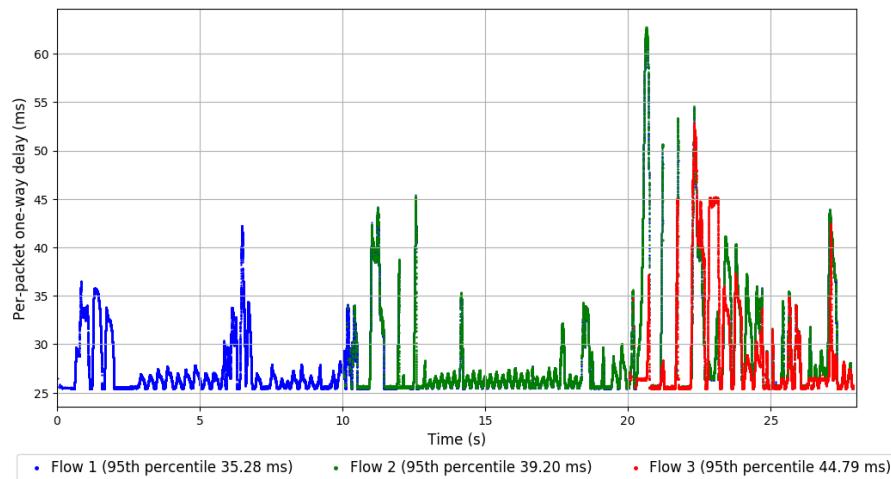
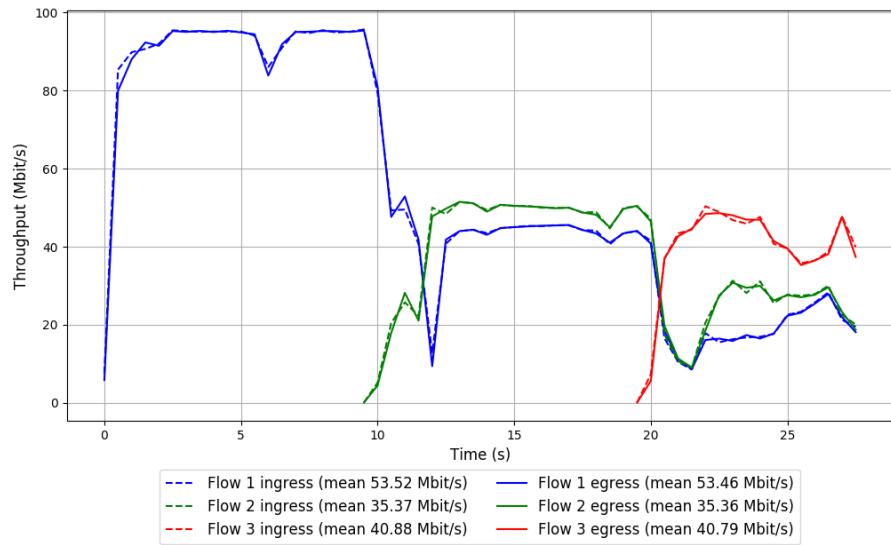


Run 1: Statistics of Copa

```
Start at: 2017-11-16 07:33:38
End at: 2017-11-16 07:34:08
Local clock offset: 0.759 ms
Remote clock offset: -2.446 ms

# Below is generated by plot.py at 2017-11-16 14:02:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.74 Mbit/s
95th percentile per-packet one-way delay: 38.485 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 53.46 Mbit/s
95th percentile per-packet one-way delay: 35.276 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 35.36 Mbit/s
95th percentile per-packet one-way delay: 39.195 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 40.79 Mbit/s
95th percentile per-packet one-way delay: 44.787 ms
Loss rate: 0.90%
```

Run 1: Report of Copa — Data Link

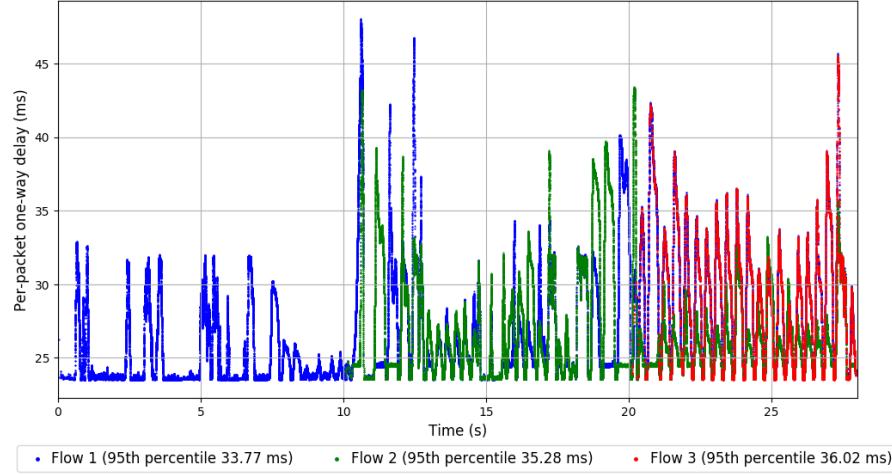
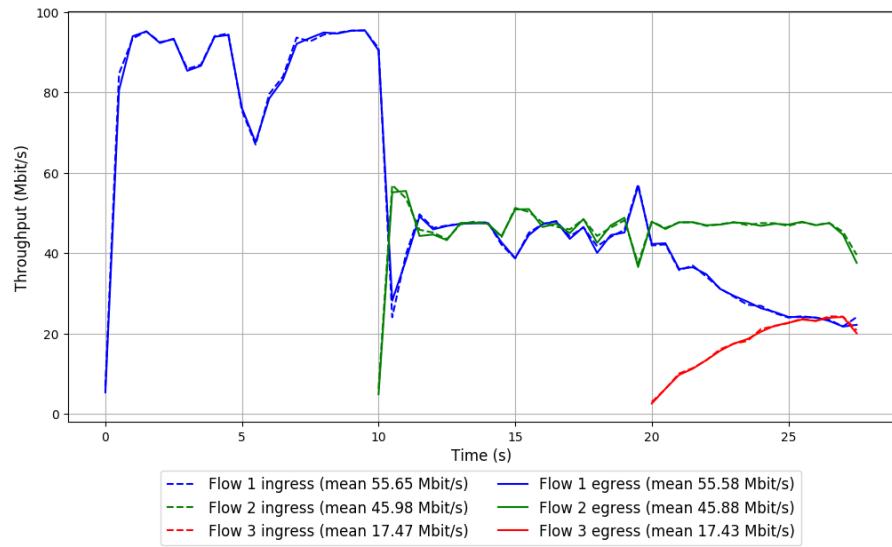


Run 2: Statistics of Copa

```
Start at: 2017-11-16 07:52:59
End at: 2017-11-16 07:53:29
Local clock offset: 1.413 ms
Remote clock offset: 0.151 ms

# Below is generated by plot.py at 2017-11-16 14:02:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.94 Mbit/s
95th percentile per-packet one-way delay: 34.520 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 55.58 Mbit/s
95th percentile per-packet one-way delay: 33.766 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 45.88 Mbit/s
95th percentile per-packet one-way delay: 35.278 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 17.43 Mbit/s
95th percentile per-packet one-way delay: 36.024 ms
Loss rate: 0.91%
```

Run 2: Report of Copa — Data Link

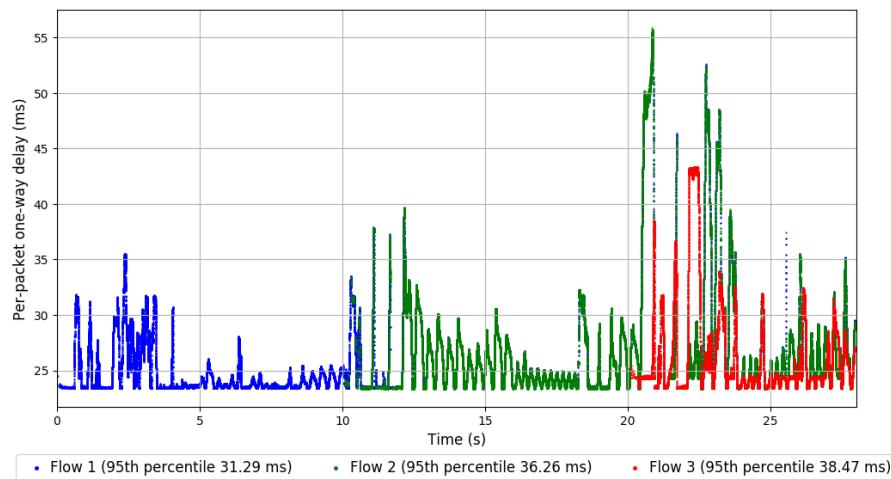
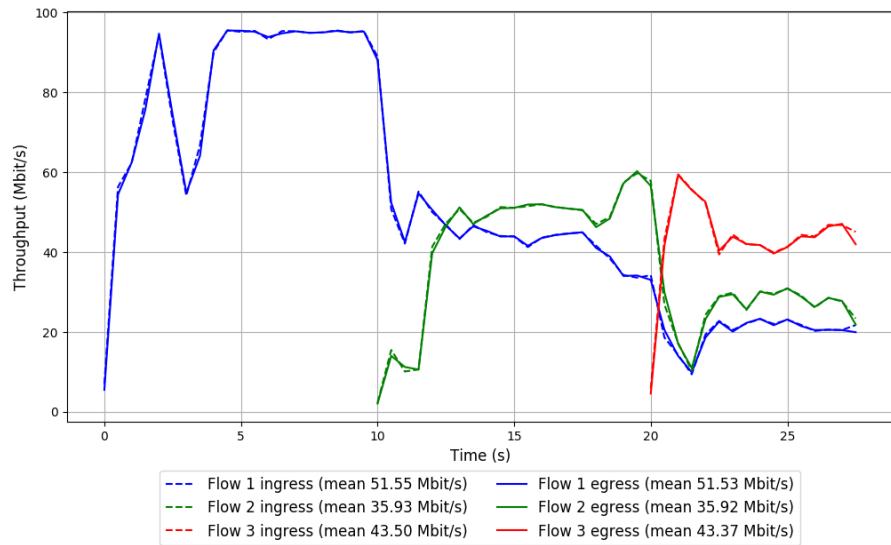


Run 3: Statistics of Copa

```
Start at: 2017-11-16 08:12:14
End at: 2017-11-16 08:12:44
Local clock offset: 1.902 ms
Remote clock offset: 1.05 ms

# Below is generated by plot.py at 2017-11-16 14:02:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.84 Mbit/s
95th percentile per-packet one-way delay: 32.263 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 51.53 Mbit/s
95th percentile per-packet one-way delay: 31.290 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 35.92 Mbit/s
95th percentile per-packet one-way delay: 36.263 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 43.37 Mbit/s
95th percentile per-packet one-way delay: 38.466 ms
Loss rate: 0.96%
```

Run 3: Report of Copa — Data Link

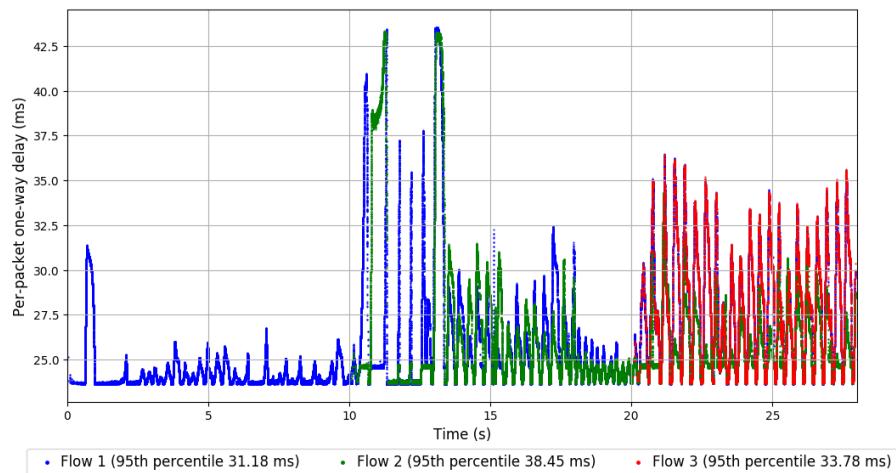
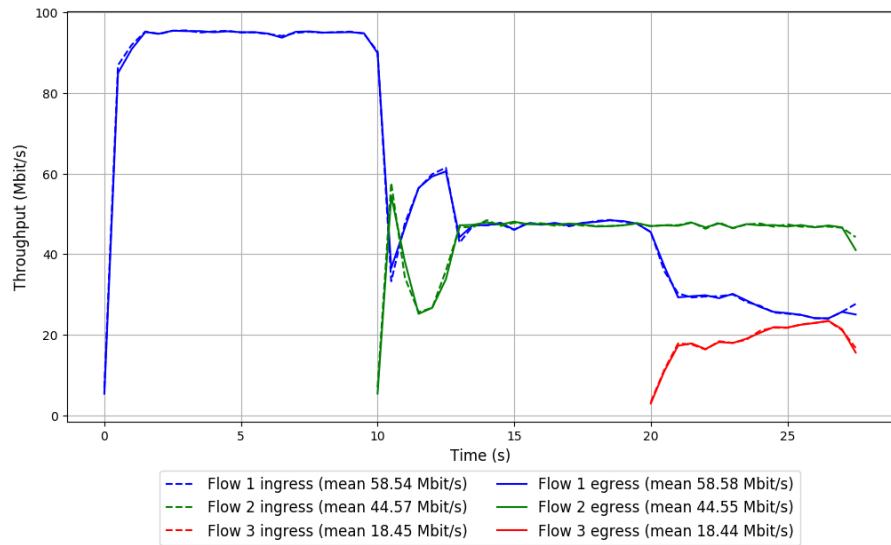


Run 4: Statistics of Copa

```
Start at: 2017-11-16 08:31:27
End at: 2017-11-16 08:31:57
Local clock offset: 2.497 ms
Remote clock offset: 1.522 ms

# Below is generated by plot.py at 2017-11-16 14:03:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.38 Mbit/s
95th percentile per-packet one-way delay: 32.249 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 58.58 Mbit/s
95th percentile per-packet one-way delay: 31.177 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 44.55 Mbit/s
95th percentile per-packet one-way delay: 38.454 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 18.44 Mbit/s
95th percentile per-packet one-way delay: 33.778 ms
Loss rate: 0.73%
```

Run 4: Report of Copa — Data Link

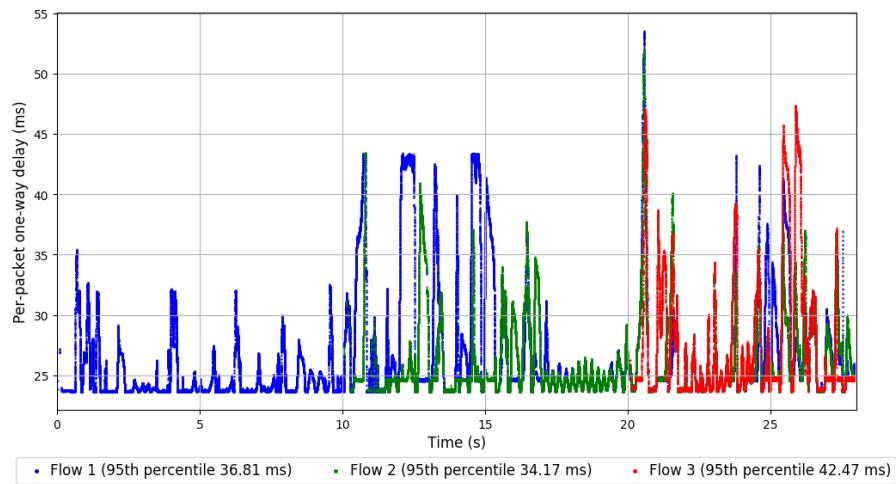
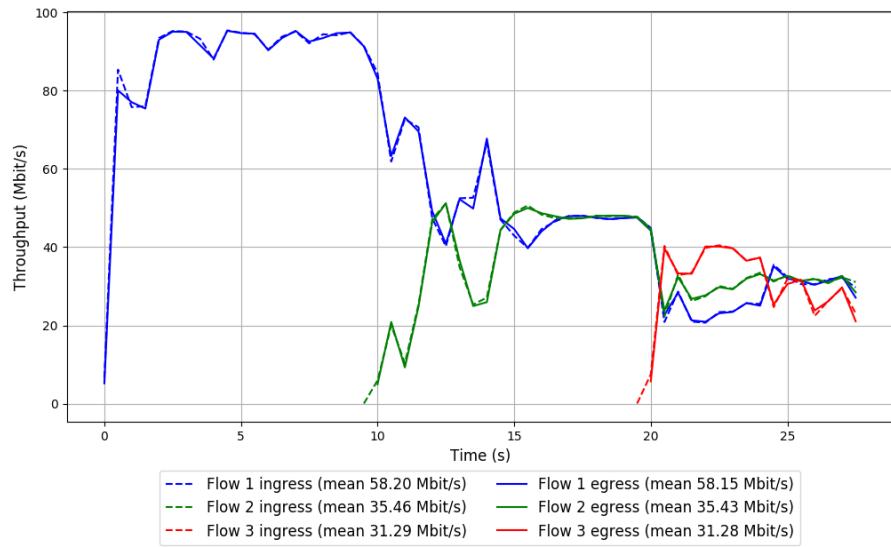


Run 5: Statistics of Copa

```
Start at: 2017-11-16 08:50:41
End at: 2017-11-16 08:51:12
Local clock offset: 2.481 ms
Remote clock offset: 1.998 ms

# Below is generated by plot.py at 2017-11-16 14:03:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.75 Mbit/s
95th percentile per-packet one-way delay: 36.535 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 58.15 Mbit/s
95th percentile per-packet one-way delay: 36.815 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 35.43 Mbit/s
95th percentile per-packet one-way delay: 34.168 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 31.28 Mbit/s
95th percentile per-packet one-way delay: 42.472 ms
Loss rate: 0.71%
```

Run 5: Report of Copa — Data Link

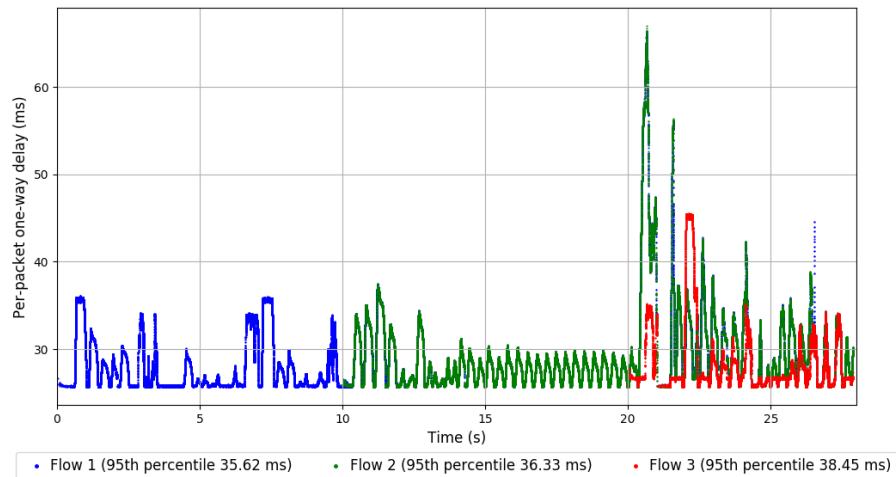
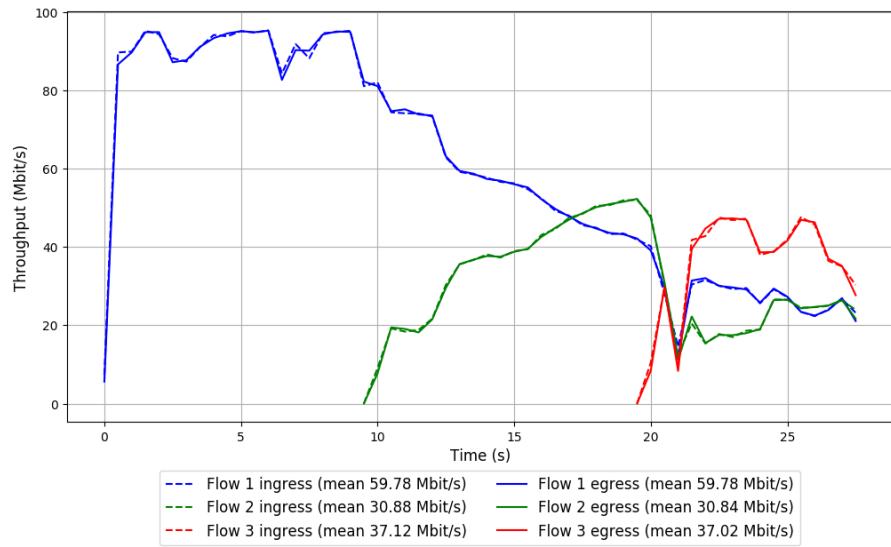


Run 6: Statistics of Copa

```
Start at: 2017-11-16 09:10:00
End at: 2017-11-16 09:10:30
Local clock offset: 1.997 ms
Remote clock offset: -0.605 ms

# Below is generated by plot.py at 2017-11-16 14:03:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.10 Mbit/s
95th percentile per-packet one-way delay: 35.652 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 59.78 Mbit/s
95th percentile per-packet one-way delay: 35.618 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 30.84 Mbit/s
95th percentile per-packet one-way delay: 36.329 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 37.02 Mbit/s
95th percentile per-packet one-way delay: 38.445 ms
Loss rate: 0.93%
```

Run 6: Report of Copa — Data Link

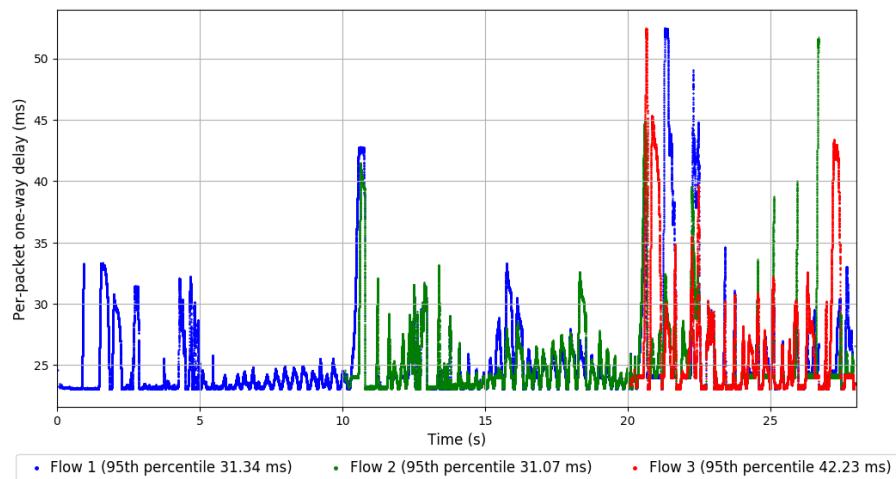
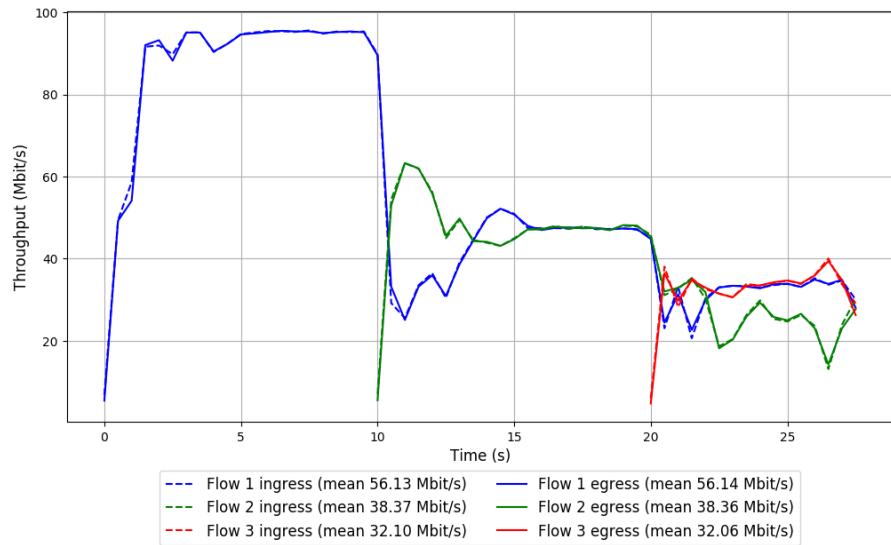


Run 7: Statistics of Copa

```
Start at: 2017-11-16 09:29:06
End at: 2017-11-16 09:29:36
Local clock offset: 1.875 ms
Remote clock offset: 1.657 ms

# Below is generated by plot.py at 2017-11-16 14:03:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.82 Mbit/s
95th percentile per-packet one-way delay: 31.964 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 56.14 Mbit/s
95th percentile per-packet one-way delay: 31.340 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 38.36 Mbit/s
95th percentile per-packet one-way delay: 31.066 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 32.06 Mbit/s
95th percentile per-packet one-way delay: 42.225 ms
Loss rate: 0.81%
```

Run 7: Report of Copa — Data Link

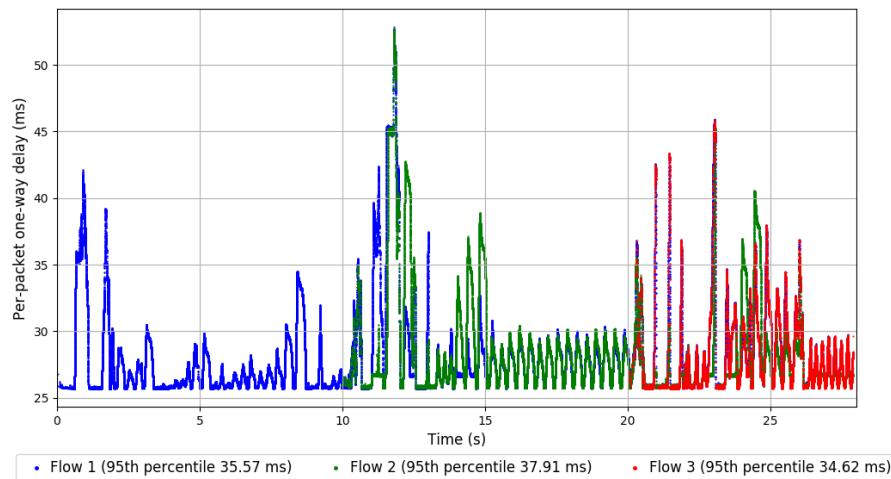
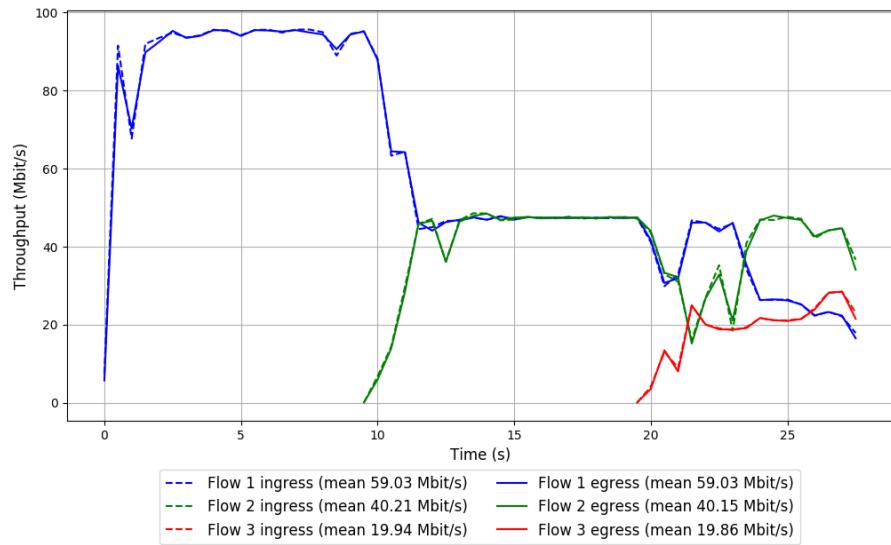


Run 8: Statistics of Copa

```
Start at: 2017-11-16 09:48:14
End at: 2017-11-16 09:48:44
Local clock offset: 1.674 ms
Remote clock offset: -0.861 ms

# Below is generated by plot.py at 2017-11-16 14:03:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.48 Mbit/s
95th percentile per-packet one-way delay: 35.942 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 59.03 Mbit/s
95th percentile per-packet one-way delay: 35.574 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 40.15 Mbit/s
95th percentile per-packet one-way delay: 37.913 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 19.86 Mbit/s
95th percentile per-packet one-way delay: 34.619 ms
Loss rate: 1.14%
```

Run 8: Report of Copa — Data Link

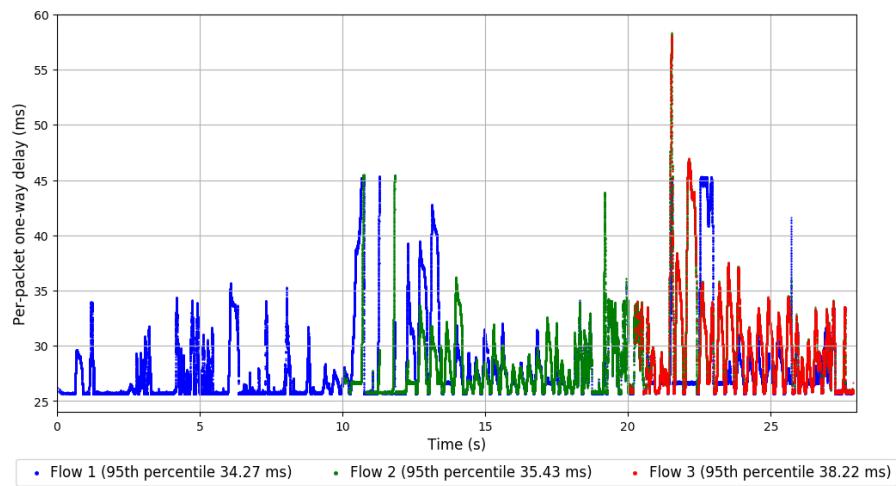
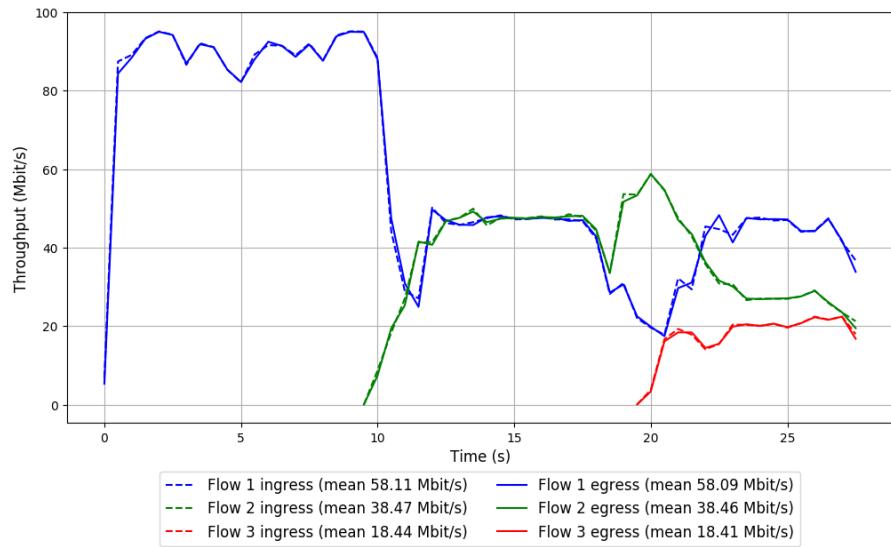


Run 9: Statistics of Copa

```
Start at: 2017-11-16 10:07:19
End at: 2017-11-16 10:07:49
Local clock offset: 1.26 ms
Remote clock offset: -0.659 ms

# Below is generated by plot.py at 2017-11-16 14:04:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.02 Mbit/s
95th percentile per-packet one-way delay: 35.244 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 58.09 Mbit/s
95th percentile per-packet one-way delay: 34.272 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 38.46 Mbit/s
95th percentile per-packet one-way delay: 35.431 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 18.41 Mbit/s
95th percentile per-packet one-way delay: 38.220 ms
Loss rate: 0.87%
```

Run 9: Report of Copa — Data Link

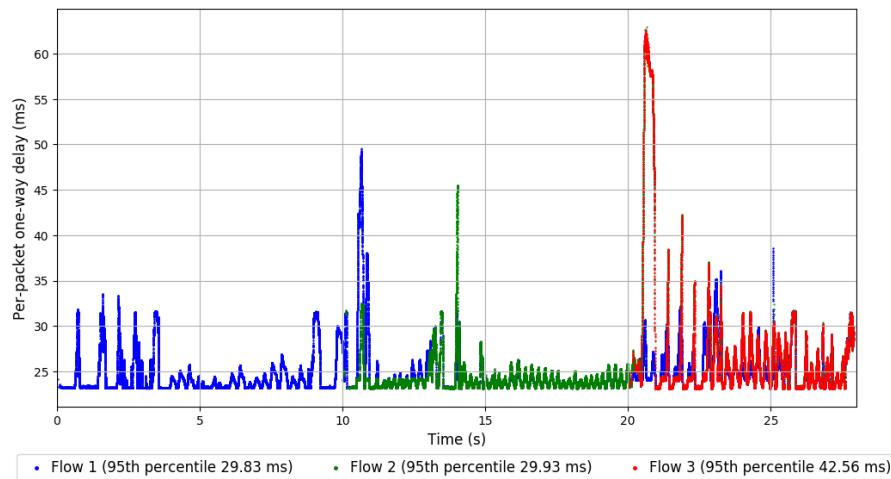
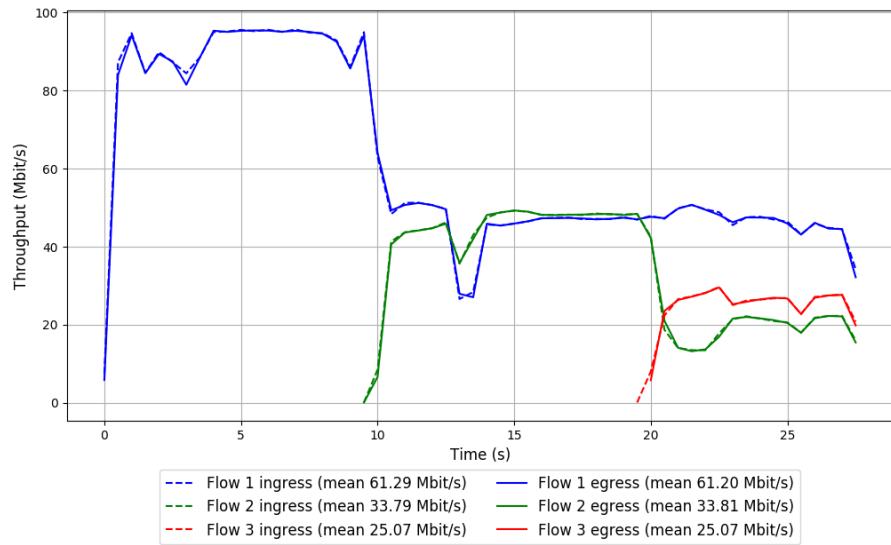


Run 10: Statistics of Copa

```
Start at: 2017-11-16 10:26:41
End at: 2017-11-16 10:27:11
Local clock offset: 0.953 ms
Remote clock offset: 1.357 ms

# Below is generated by plot.py at 2017-11-16 14:05:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.01 Mbit/s
95th percentile per-packet one-way delay: 30.249 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 61.20 Mbit/s
95th percentile per-packet one-way delay: 29.829 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 33.81 Mbit/s
95th percentile per-packet one-way delay: 29.925 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 25.07 Mbit/s
95th percentile per-packet one-way delay: 42.563 ms
Loss rate: 0.69%
```

Run 10: Report of Copa — Data Link

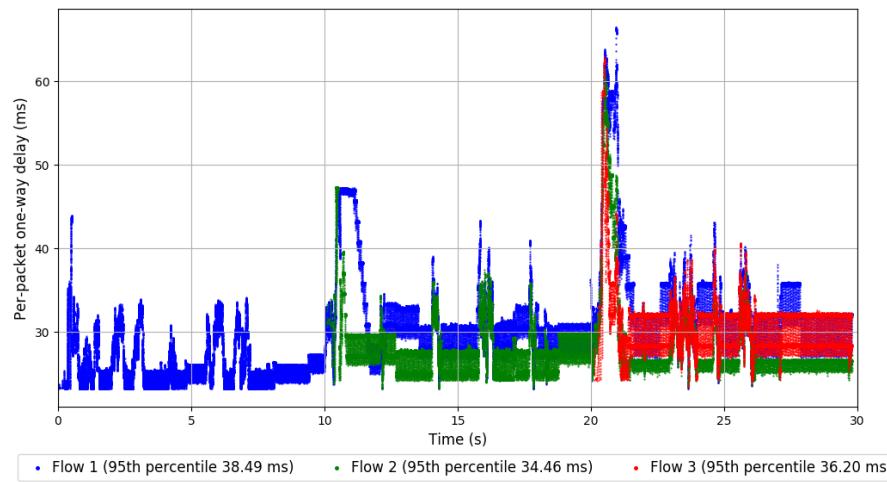
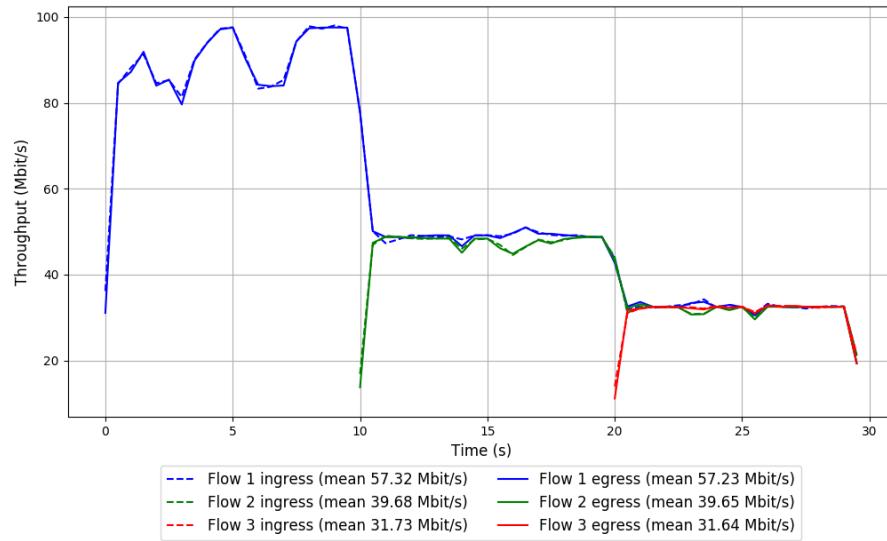


Run 1: Statistics of Indigo

```
Start at: 2017-11-16 07:32:13
End at: 2017-11-16 07:32:43
Local clock offset: 0.688 ms
Remote clock offset: -0.321 ms

# Below is generated by plot.py at 2017-11-16 14:05:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.74 Mbit/s
95th percentile per-packet one-way delay: 36.954 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 57.23 Mbit/s
95th percentile per-packet one-way delay: 38.489 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 39.65 Mbit/s
95th percentile per-packet one-way delay: 34.462 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 31.64 Mbit/s
95th percentile per-packet one-way delay: 36.198 ms
Loss rate: 0.82%
```

Run 1: Report of Indigo — Data Link

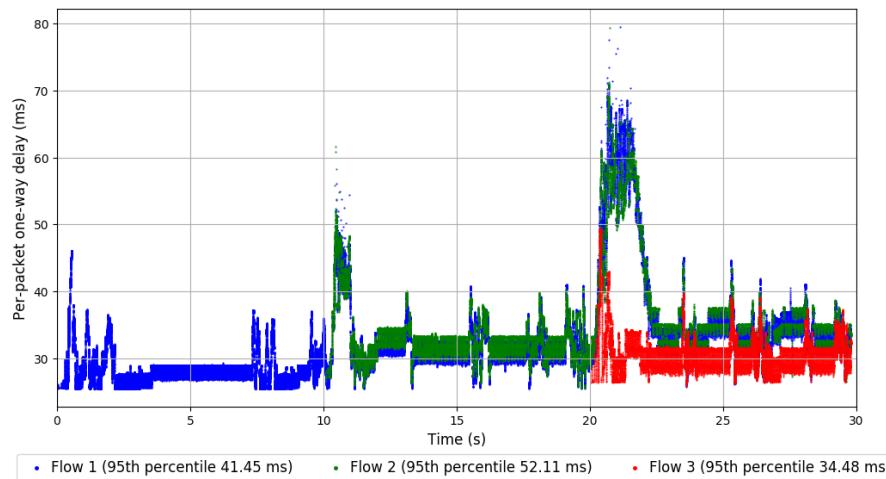
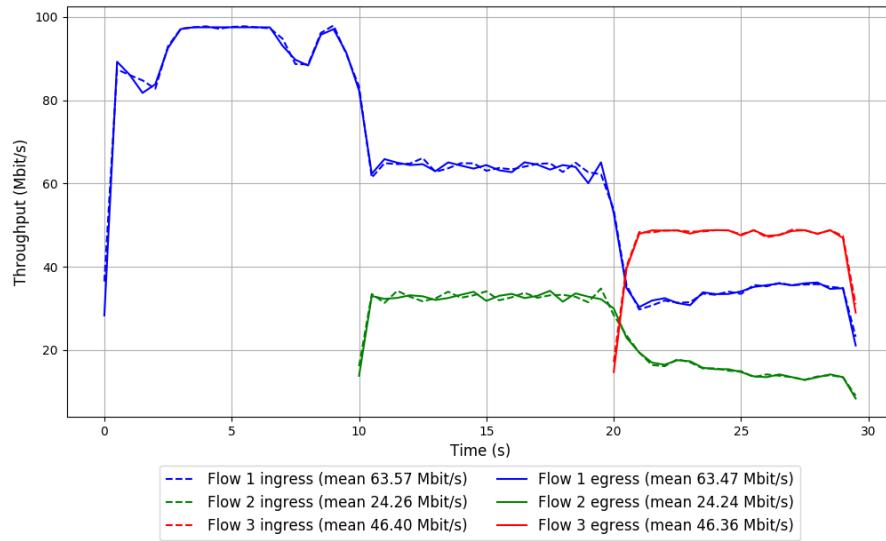


Run 2: Statistics of Indigo

```
Start at: 2017-11-16 07:51:35
End at: 2017-11-16 07:52:05
Local clock offset: 1.353 ms
Remote clock offset: -1.943 ms

# Below is generated by plot.py at 2017-11-16 14:05:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.67 Mbit/s
95th percentile per-packet one-way delay: 41.797 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 63.47 Mbit/s
95th percentile per-packet one-way delay: 41.452 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 24.24 Mbit/s
95th percentile per-packet one-way delay: 52.108 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 46.36 Mbit/s
95th percentile per-packet one-way delay: 34.482 ms
Loss rate: 0.65%
```

Run 2: Report of Indigo — Data Link

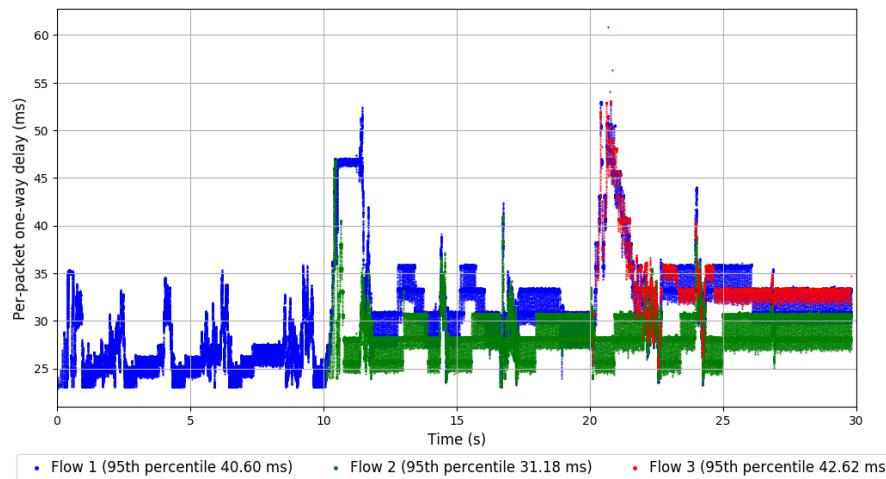
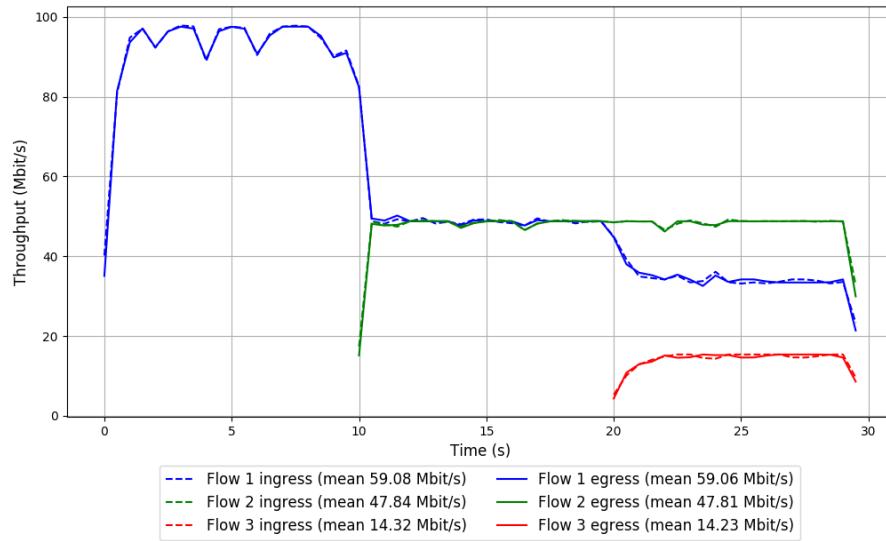


Run 3: Statistics of Indigo

```
Start at: 2017-11-16 08:10:51
End at: 2017-11-16 08:11:21
Local clock offset: 1.866 ms
Remote clock offset: 1.368 ms

# Below is generated by plot.py at 2017-11-16 14:05:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.34 Mbit/s
95th percentile per-packet one-way delay: 35.847 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 59.06 Mbit/s
95th percentile per-packet one-way delay: 40.597 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 47.81 Mbit/s
95th percentile per-packet one-way delay: 31.183 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 14.23 Mbit/s
95th percentile per-packet one-way delay: 42.622 ms
Loss rate: 0.73%
```

Run 3: Report of Indigo — Data Link

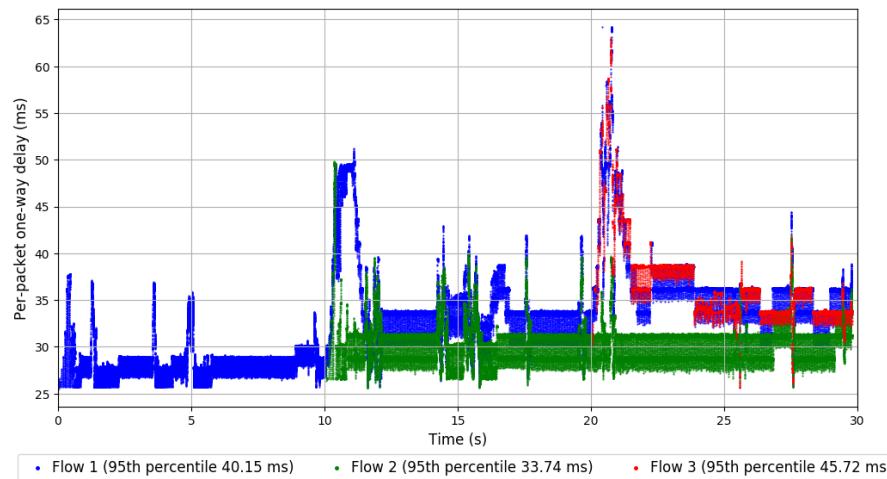
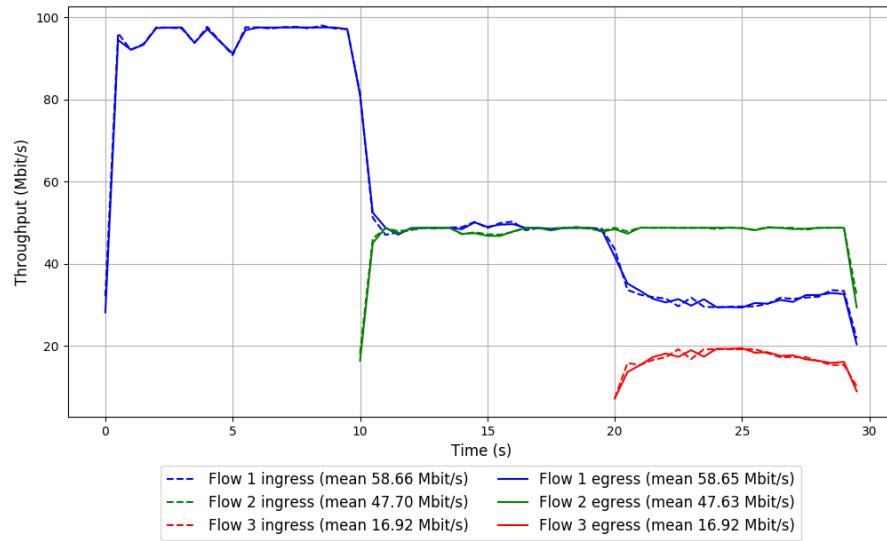


Run 4: Statistics of Indigo

```
Start at: 2017-11-16 08:30:01
End at: 2017-11-16 08:30:31
Local clock offset: 2.365 ms
Remote clock offset: -0.568 ms

# Below is generated by plot.py at 2017-11-16 14:05:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.76 Mbit/s
95th percentile per-packet one-way delay: 38.654 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 58.65 Mbit/s
95th percentile per-packet one-way delay: 40.145 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 47.63 Mbit/s
95th percentile per-packet one-way delay: 33.739 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 16.92 Mbit/s
95th percentile per-packet one-way delay: 45.716 ms
Loss rate: 0.59%
```

Run 4: Report of Indigo — Data Link

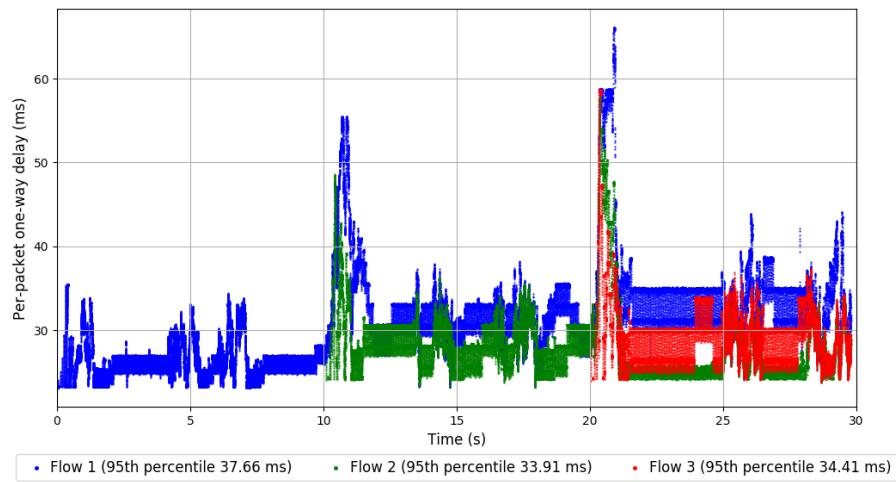
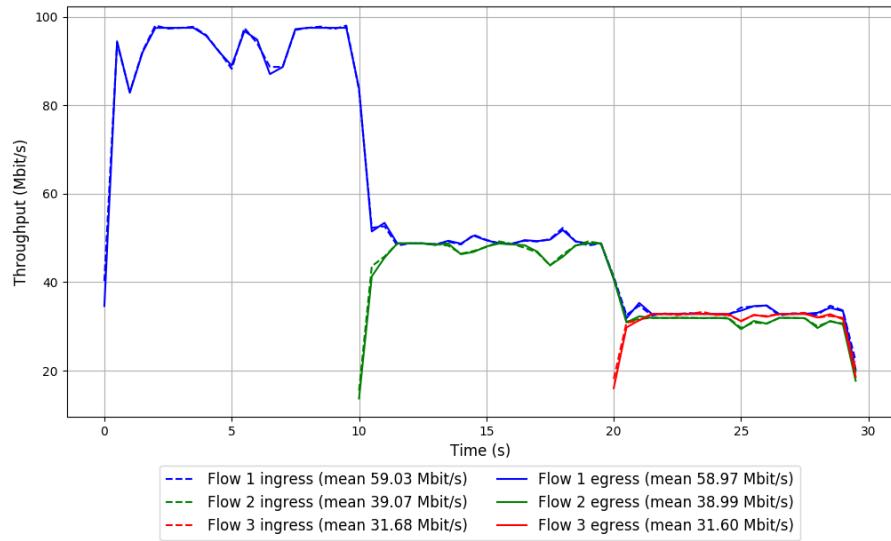


Run 5: Statistics of Indigo

```
Start at: 2017-11-16 08:49:16
End at: 2017-11-16 08:49:46
Local clock offset: 2.51 ms
Remote clock offset: 2.45 ms

# Below is generated by plot.py at 2017-11-16 14:05:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.12 Mbit/s
95th percentile per-packet one-way delay: 36.475 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 58.97 Mbit/s
95th percentile per-packet one-way delay: 37.663 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 38.99 Mbit/s
95th percentile per-packet one-way delay: 33.914 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 31.60 Mbit/s
95th percentile per-packet one-way delay: 34.414 ms
Loss rate: 0.82%
```

Run 5: Report of Indigo — Data Link

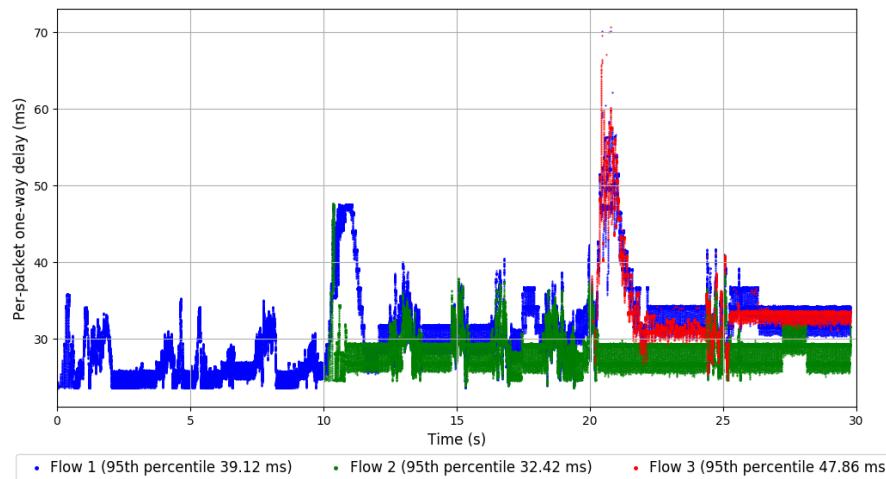
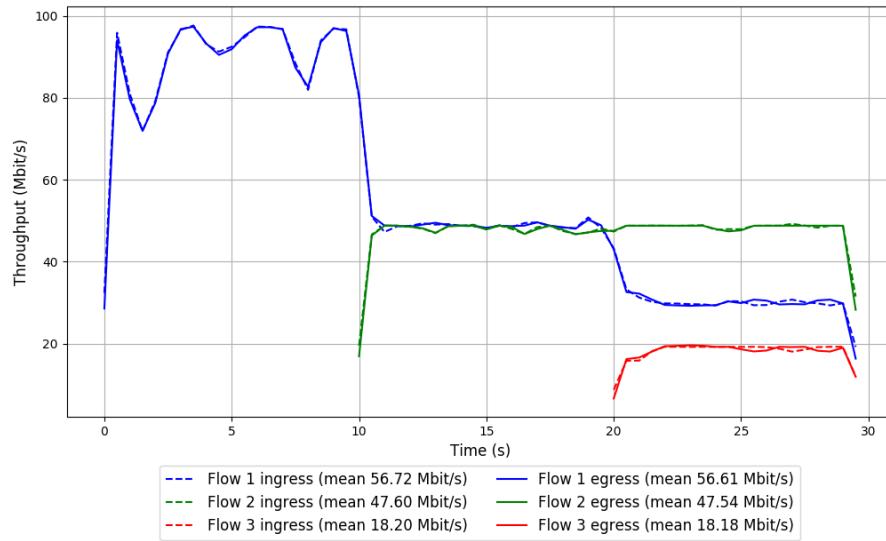


Run 6: Statistics of Indigo

```
Start at: 2017-11-16 09:08:35
End at: 2017-11-16 09:09:05
Local clock offset: 2.099 ms
Remote clock offset: 1.564 ms

# Below is generated by plot.py at 2017-11-16 14:05:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.10 Mbit/s
95th percentile per-packet one-way delay: 36.609 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 56.61 Mbit/s
95th percentile per-packet one-way delay: 39.119 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 47.54 Mbit/s
95th percentile per-packet one-way delay: 32.417 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 18.18 Mbit/s
95th percentile per-packet one-way delay: 47.859 ms
Loss rate: 0.74%
```

Run 6: Report of Indigo — Data Link

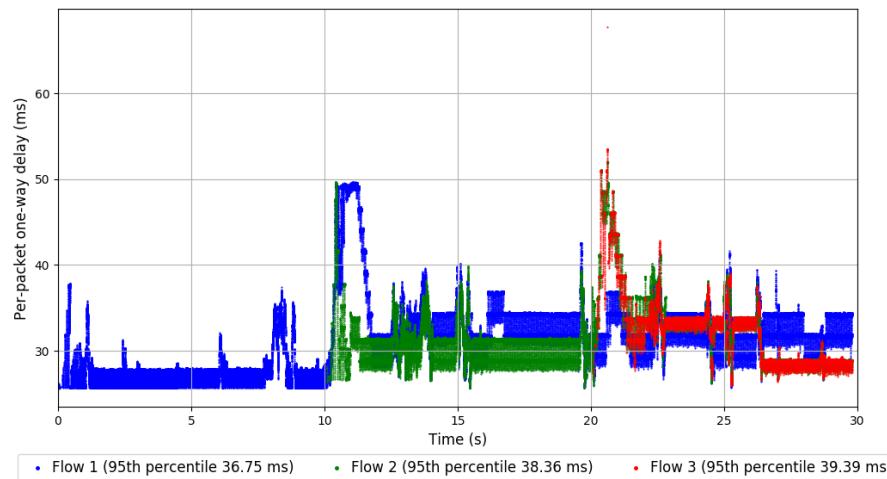
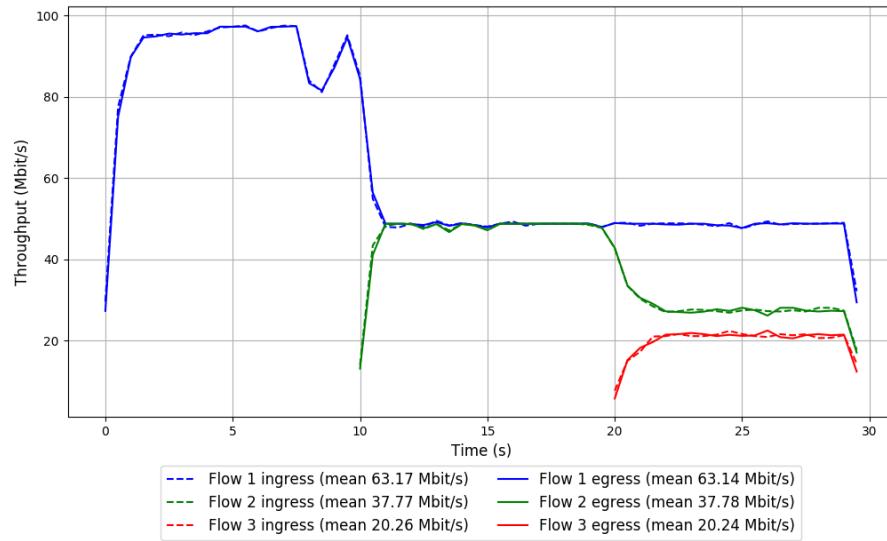


Run 7: Statistics of Indigo

```
Start at: 2017-11-16 09:27:43
End at: 2017-11-16 09:28:13
Local clock offset: 1.882 ms
Remote clock offset: -0.924 ms

# Below is generated by plot.py at 2017-11-16 14:05:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.74 Mbit/s
95th percentile per-packet one-way delay: 37.181 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 63.14 Mbit/s
95th percentile per-packet one-way delay: 36.749 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 37.78 Mbit/s
95th percentile per-packet one-way delay: 38.358 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 20.24 Mbit/s
95th percentile per-packet one-way delay: 39.387 ms
Loss rate: 0.66%
```

Run 7: Report of Indigo — Data Link

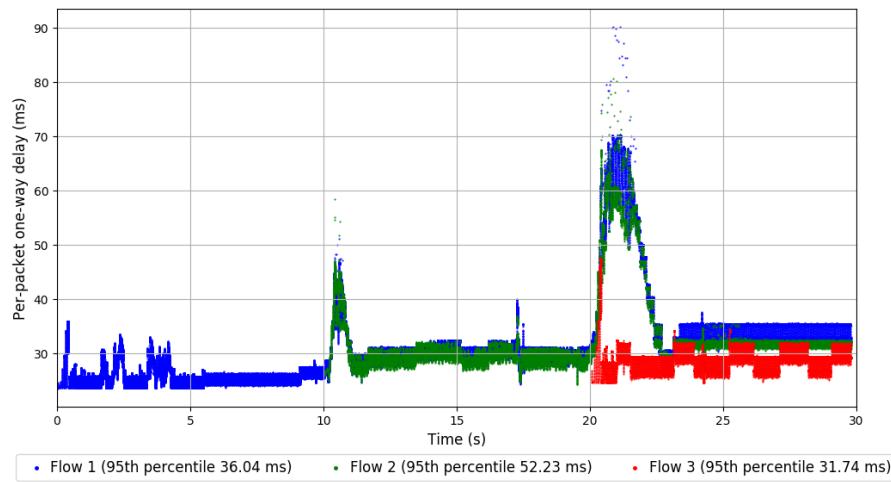
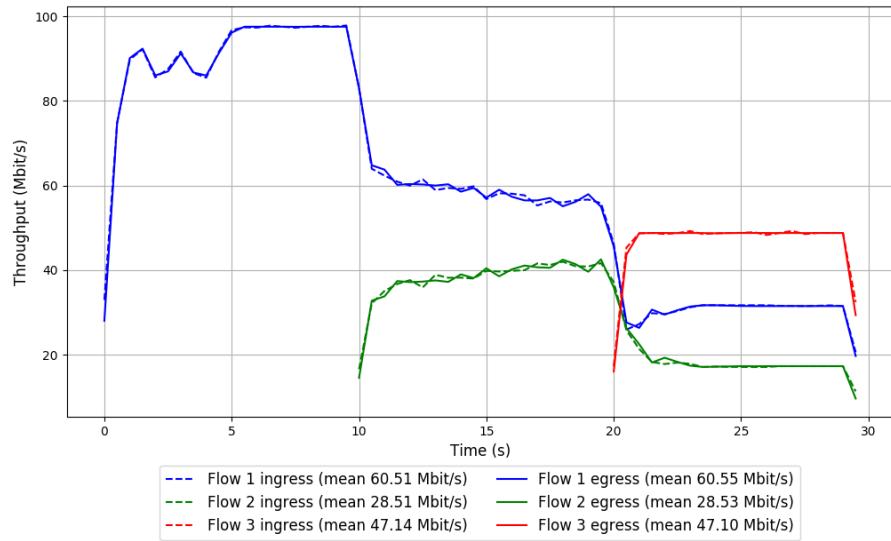


Run 8: Statistics of Indigo

```
Start at: 2017-11-16 09:46:50
End at: 2017-11-16 09:47:20
Local clock offset: 1.654 ms
Remote clock offset: 1.201 ms

# Below is generated by plot.py at 2017-11-16 14:05:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.85 Mbit/s
95th percentile per-packet one-way delay: 37.899 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 60.55 Mbit/s
95th percentile per-packet one-way delay: 36.040 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 28.53 Mbit/s
95th percentile per-packet one-way delay: 52.227 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 47.10 Mbit/s
95th percentile per-packet one-way delay: 31.741 ms
Loss rate: 0.65%
```

Run 8: Report of Indigo — Data Link

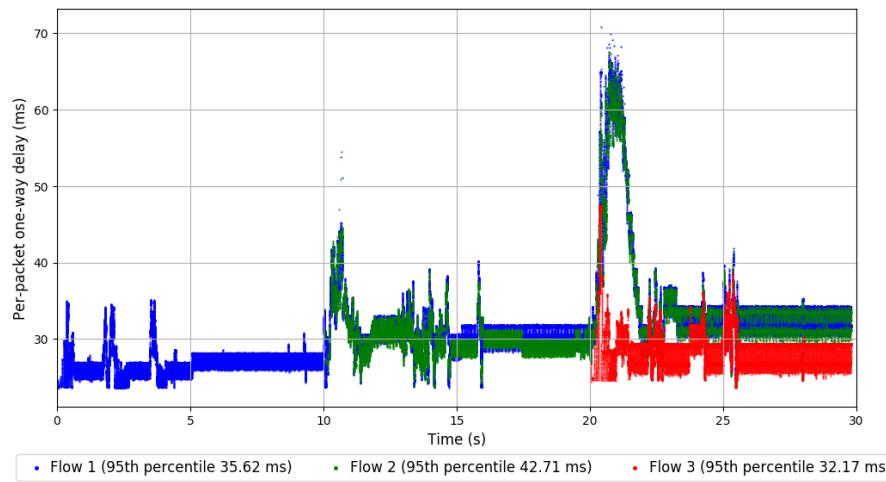
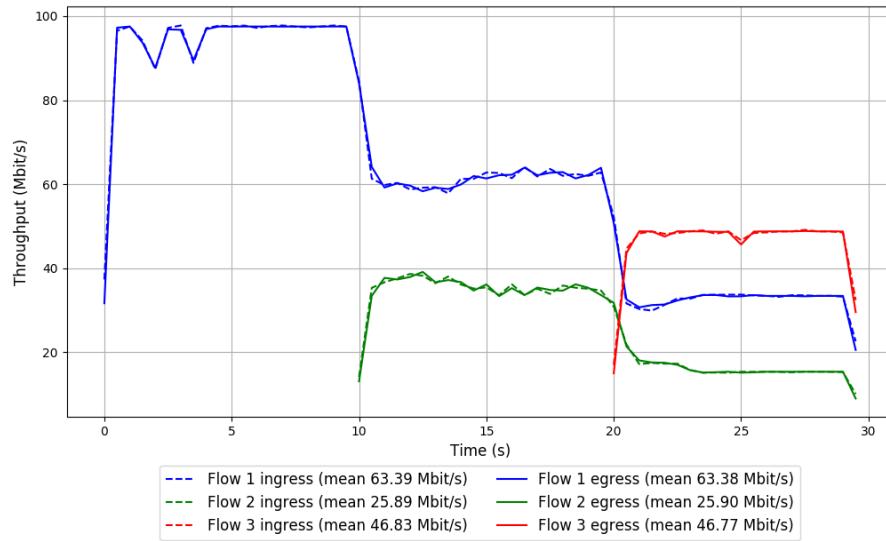


Run 9: Statistics of Indigo

```
Start at: 2017-11-16 10:05:55
End at: 2017-11-16 10:06:25
Local clock offset: 1.387 ms
Remote clock offset: 1.442 ms

# Below is generated by plot.py at 2017-11-16 14:06:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.89 Mbit/s
95th percentile per-packet one-way delay: 35.825 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 63.38 Mbit/s
95th percentile per-packet one-way delay: 35.625 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 25.90 Mbit/s
95th percentile per-packet one-way delay: 42.710 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 46.77 Mbit/s
95th percentile per-packet one-way delay: 32.167 ms
Loss rate: 0.66%
```

Run 9: Report of Indigo — Data Link

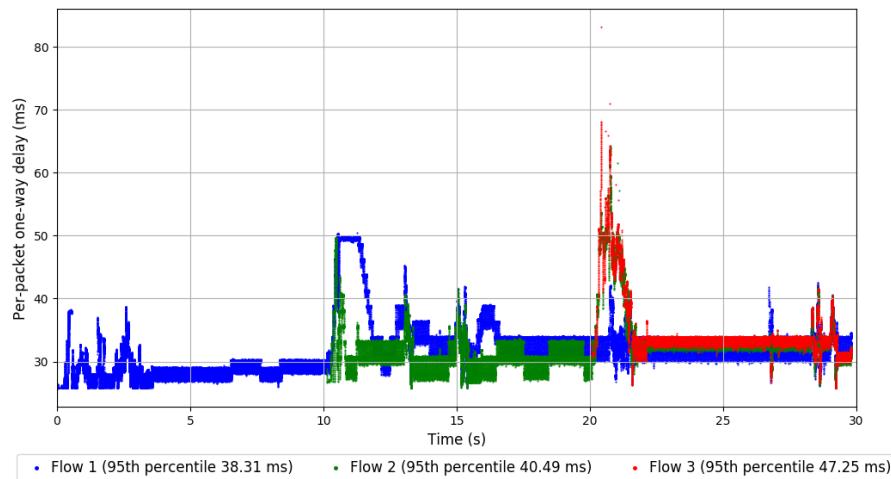
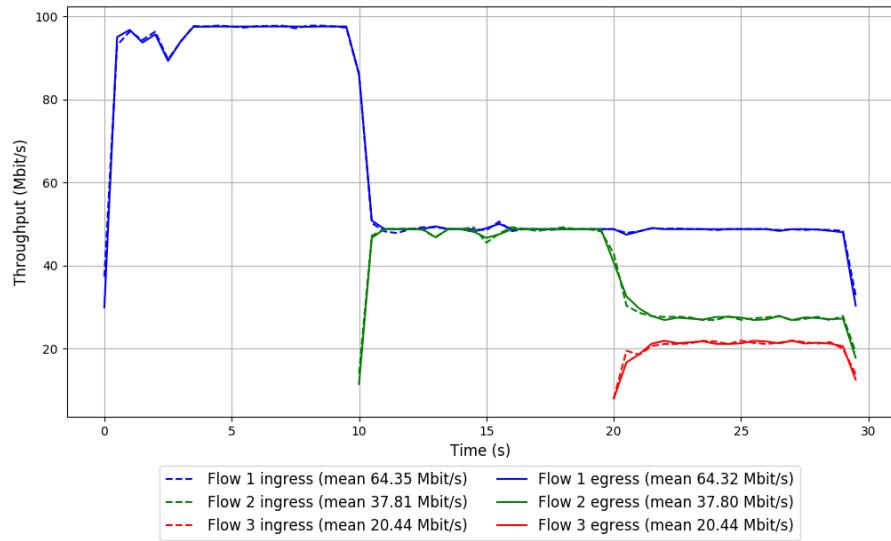


Run 10: Statistics of Indigo

```
Start at: 2017-11-16 10:25:15
End at: 2017-11-16 10:25:45
Local clock offset: 0.97 ms
Remote clock offset: -1.179 ms

# Below is generated by plot.py at 2017-11-16 14:06:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.98 Mbit/s
95th percentile per-packet one-way delay: 38.777 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 64.32 Mbit/s
95th percentile per-packet one-way delay: 38.311 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 37.80 Mbit/s
95th percentile per-packet one-way delay: 40.495 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 20.44 Mbit/s
95th percentile per-packet one-way delay: 47.249 ms
Loss rate: 0.63%
```

Run 10: Report of Indigo — Data Link

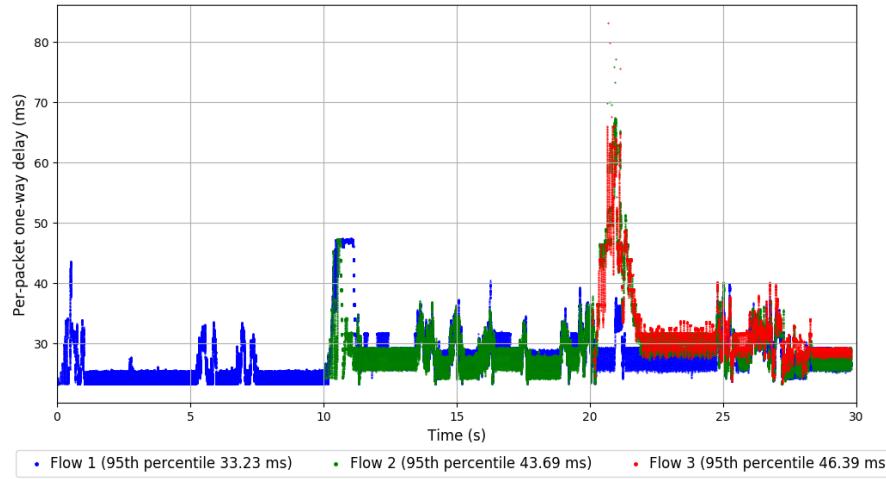
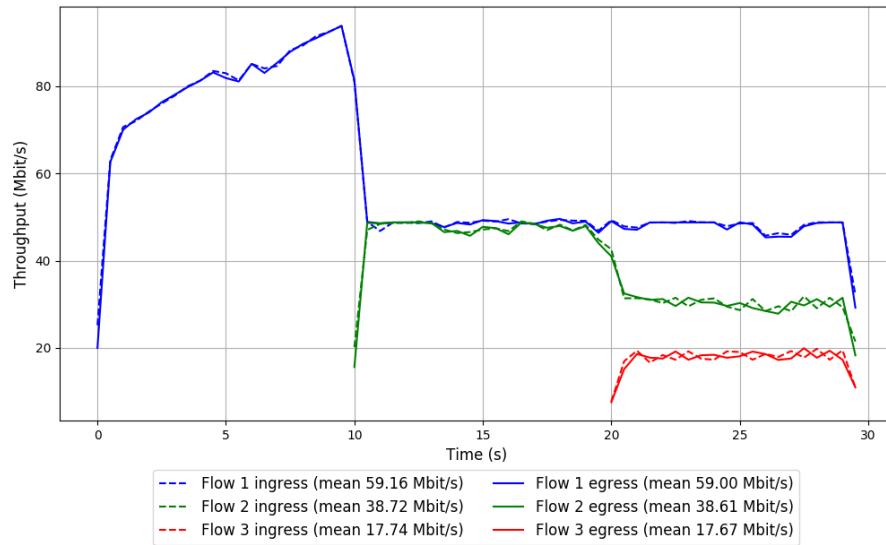


Run 1: Statistics of Indigo-calib

```
Start at: 2017-11-16 07:18:29
End at: 2017-11-16 07:18:59
Local clock offset: 0.468 ms
Remote clock offset: -0.34 ms

# Below is generated by plot.py at 2017-11-16 14:06:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.37 Mbit/s
95th percentile per-packet one-way delay: 35.962 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 59.00 Mbit/s
95th percentile per-packet one-way delay: 33.227 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 38.61 Mbit/s
95th percentile per-packet one-way delay: 43.690 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 17.67 Mbit/s
95th percentile per-packet one-way delay: 46.388 ms
Loss rate: 1.00%
```

Run 1: Report of Indigo-calib — Data Link

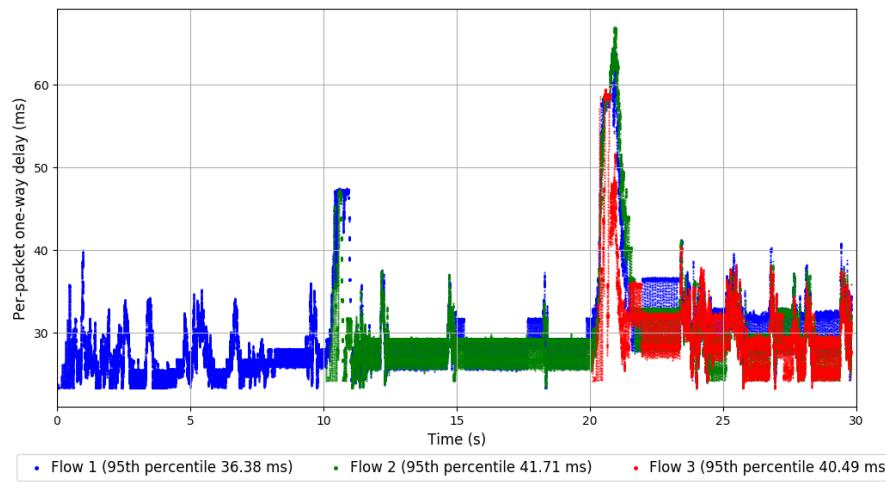
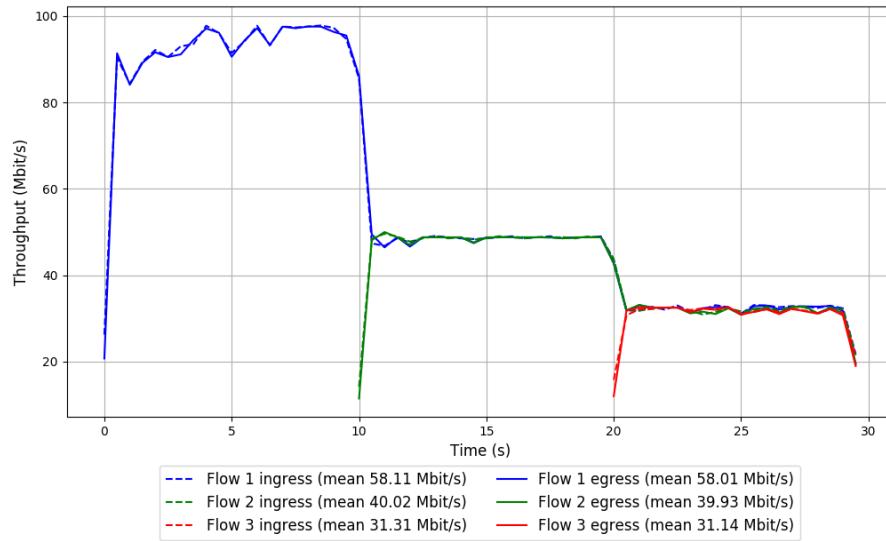


Run 2: Statistics of Indigo-calib

```
Start at: 2017-11-16 07:37:54
End at: 2017-11-16 07:38:24
Local clock offset: 0.911 ms
Remote clock offset: -0.178 ms

# Below is generated by plot.py at 2017-11-16 14:06:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.57 Mbit/s
95th percentile per-packet one-way delay: 36.925 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 58.01 Mbit/s
95th percentile per-packet one-way delay: 36.385 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 39.93 Mbit/s
95th percentile per-packet one-way delay: 41.714 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 31.14 Mbit/s
95th percentile per-packet one-way delay: 40.493 ms
Loss rate: 1.11%
```

Run 2: Report of Indigo-calib — Data Link

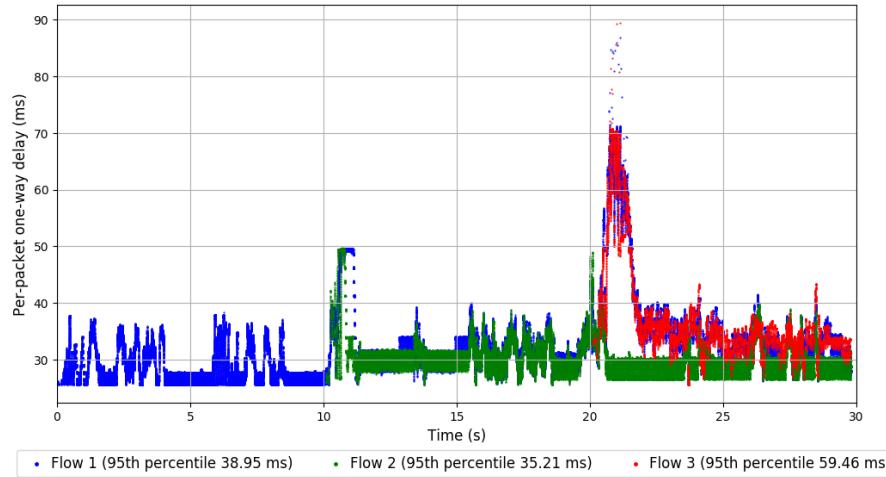
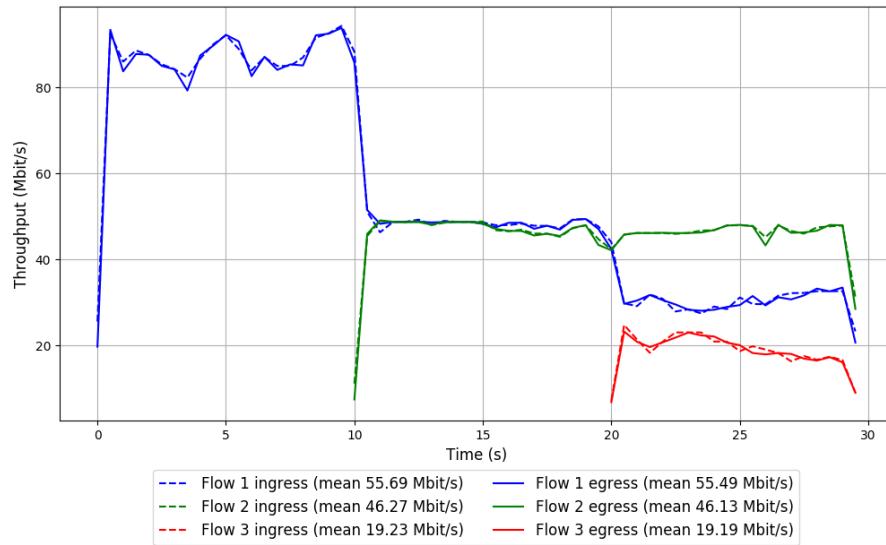


Run 3: Statistics of Indigo-calib

```
Start at: 2017-11-16 07:57:11
End at: 2017-11-16 07:57:41
Local clock offset: 1.495 ms
Remote clock offset: -1.736 ms

# Below is generated by plot.py at 2017-11-16 14:06:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.24 Mbit/s
95th percentile per-packet one-way delay: 38.621 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 55.49 Mbit/s
95th percentile per-packet one-way delay: 38.949 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 46.13 Mbit/s
95th percentile per-packet one-way delay: 35.211 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 19.19 Mbit/s
95th percentile per-packet one-way delay: 59.461 ms
Loss rate: 0.86%
```

Run 3: Report of Indigo-calib — Data Link

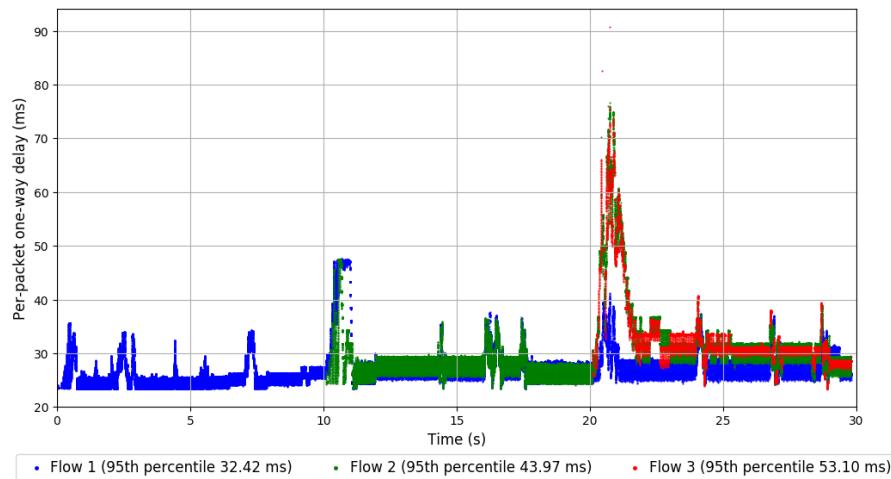
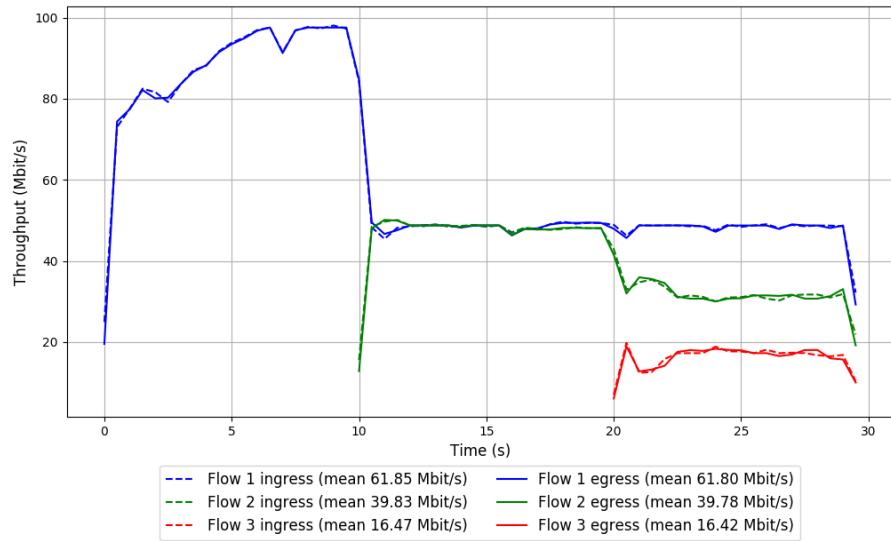


Run 4: Statistics of Indigo-calib

```
Start at: 2017-11-16 08:16:27
End at: 2017-11-16 08:16:57
Local clock offset: 2.03 ms
Remote clock offset: 1.154 ms

# Below is generated by plot.py at 2017-11-16 14:06:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.48 Mbit/s
95th percentile per-packet one-way delay: 35.444 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 61.80 Mbit/s
95th percentile per-packet one-way delay: 32.418 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 39.78 Mbit/s
95th percentile per-packet one-way delay: 43.970 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 16.42 Mbit/s
95th percentile per-packet one-way delay: 53.104 ms
Loss rate: 0.84%
```

Run 4: Report of Indigo-calib — Data Link

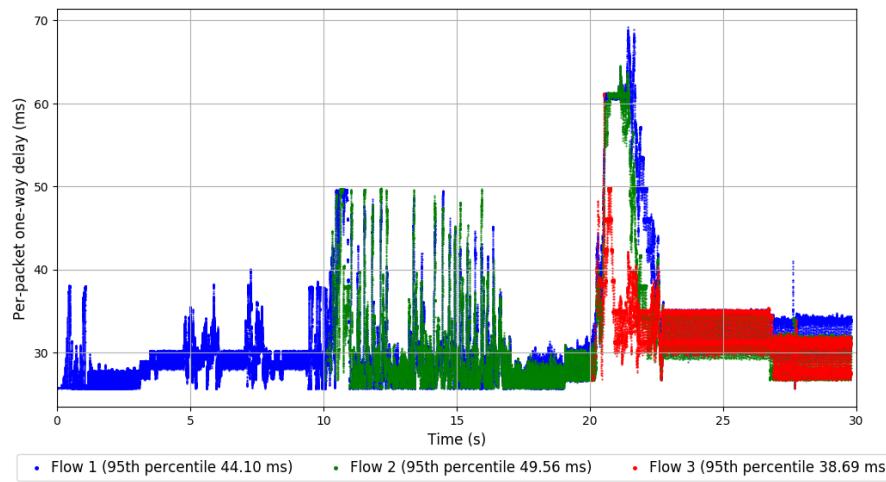
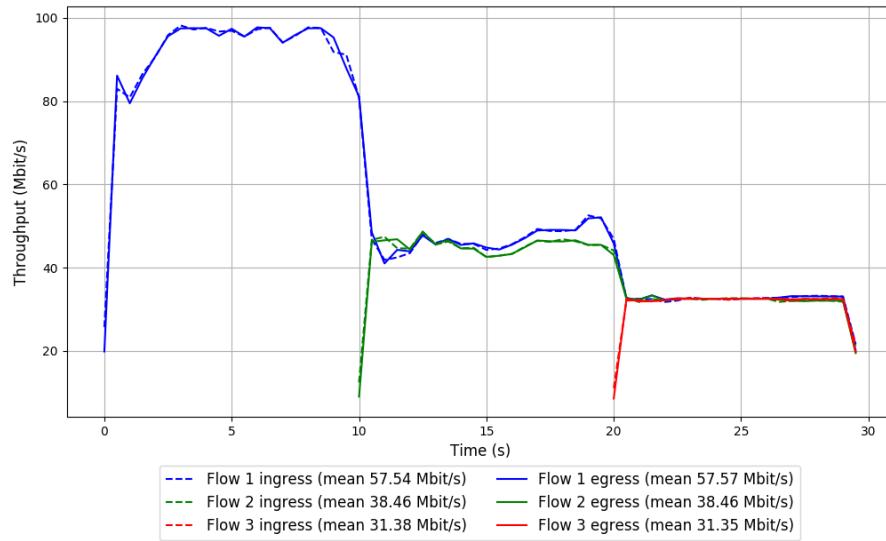


```
Run 5: Statistics of Indigo-calib

Start at: 2017-11-16 08:35:37
End at: 2017-11-16 08:36:07
Local clock offset: 2.537 ms
Remote clock offset: -0.451 ms

# Below is generated by plot.py at 2017-11-16 14:06:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.32 Mbit/s
95th percentile per-packet one-way delay: 45.808 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 57.57 Mbit/s
95th percentile per-packet one-way delay: 44.105 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 38.46 Mbit/s
95th percentile per-packet one-way delay: 49.564 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 31.35 Mbit/s
95th percentile per-packet one-way delay: 38.690 ms
Loss rate: 0.65%
```

Run 5: Report of Indigo-calib — Data Link

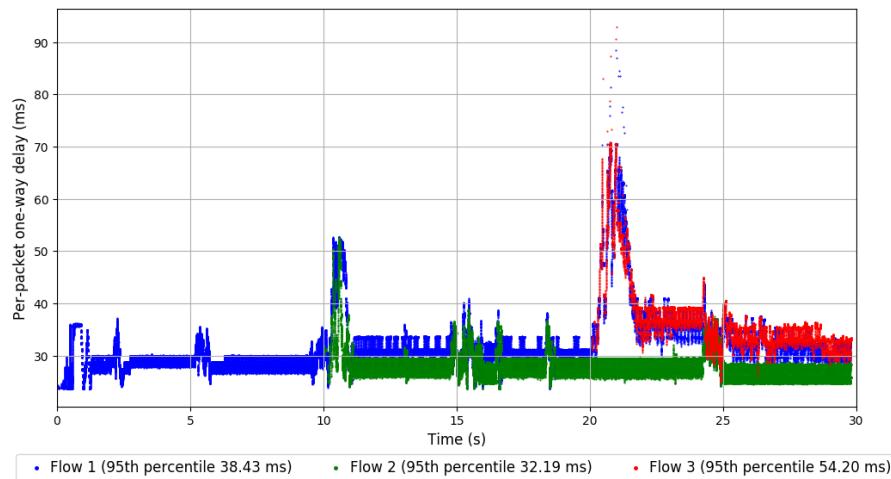
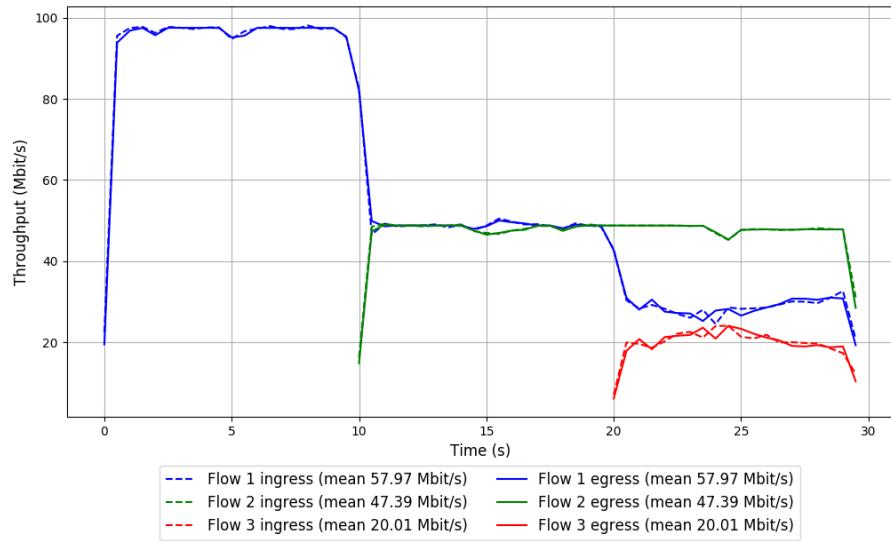


Run 6: Statistics of Indigo-calib

```
Start at: 2017-11-16 08:54:59
End at: 2017-11-16 08:55:29
Local clock offset: 2.405 ms
Remote clock offset: 1.929 ms

# Below is generated by plot.py at 2017-11-16 14:07:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.90 Mbit/s
95th percentile per-packet one-way delay: 38.386 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 57.97 Mbit/s
95th percentile per-packet one-way delay: 38.426 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 47.39 Mbit/s
95th percentile per-packet one-way delay: 32.194 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 20.01 Mbit/s
95th percentile per-packet one-way delay: 54.201 ms
Loss rate: 0.60%
```

Run 6: Report of Indigo-calib — Data Link

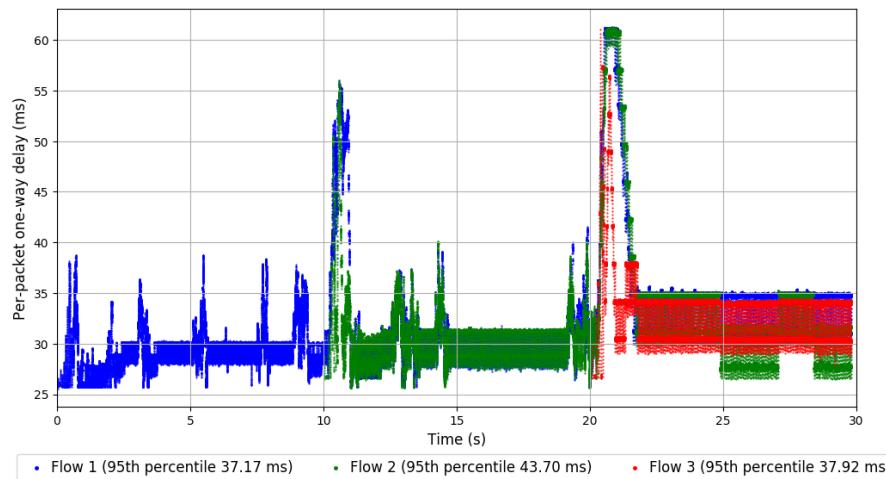
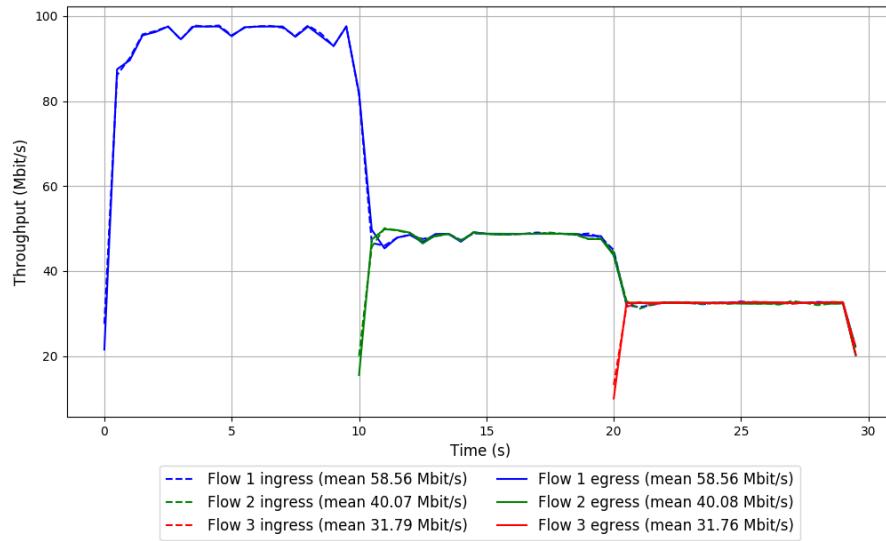


Run 7: Statistics of Indigo-calib

```
Start at: 2017-11-16 09:14:09
End at: 2017-11-16 09:14:39
Local clock offset: 1.943 ms
Remote clock offset: -0.659 ms

# Below is generated by plot.py at 2017-11-16 14:07:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.49 Mbit/s
95th percentile per-packet one-way delay: 38.393 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 58.56 Mbit/s
95th percentile per-packet one-way delay: 37.172 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 40.08 Mbit/s
95th percentile per-packet one-way delay: 43.698 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 31.76 Mbit/s
95th percentile per-packet one-way delay: 37.921 ms
Loss rate: 0.65%
```

Run 7: Report of Indigo-calib — Data Link

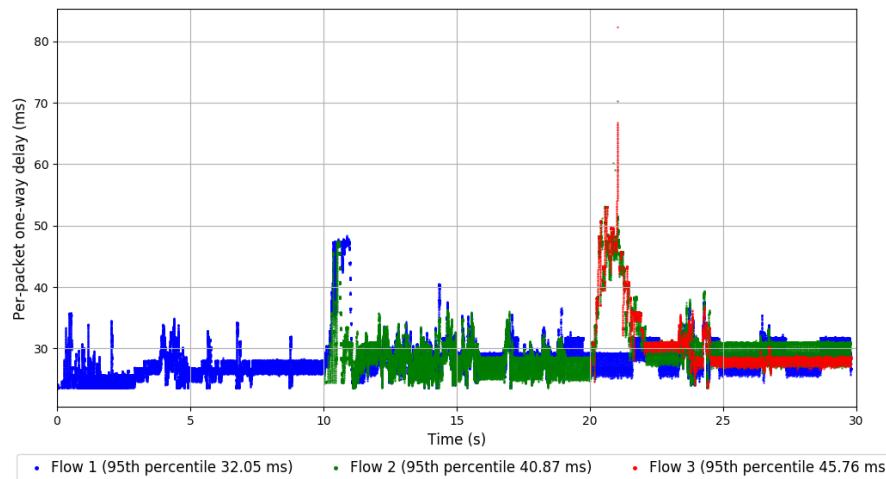
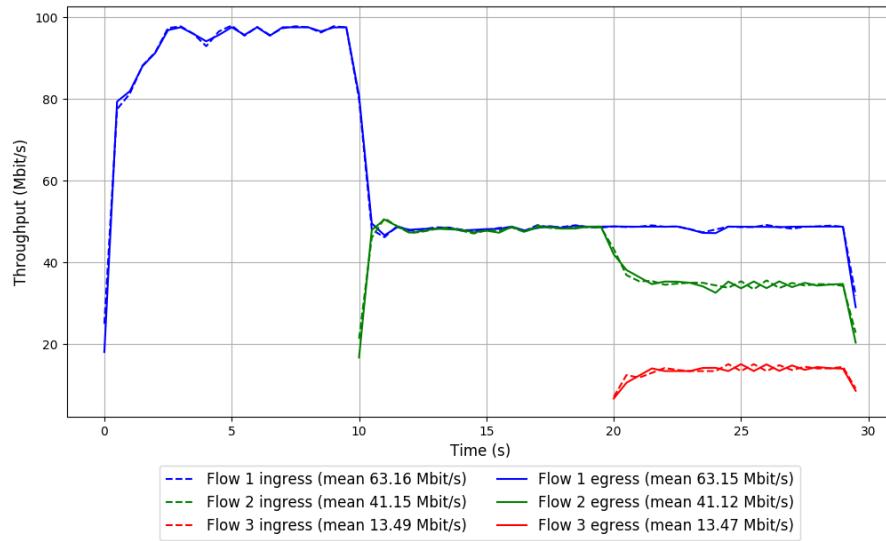


Run 8: Statistics of Indigo-calib

```
Start at: 2017-11-16 09:33:16
End at: 2017-11-16 09:33:46
Local clock offset: 1.74 ms
Remote clock offset: 1.14 ms

# Below is generated by plot.py at 2017-11-16 14:07:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.83 Mbit/s
95th percentile per-packet one-way delay: 34.419 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 63.15 Mbit/s
95th percentile per-packet one-way delay: 32.048 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 41.12 Mbit/s
95th percentile per-packet one-way delay: 40.871 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 13.47 Mbit/s
95th percentile per-packet one-way delay: 45.755 ms
Loss rate: 0.67%
```

Run 8: Report of Indigo-calib — Data Link

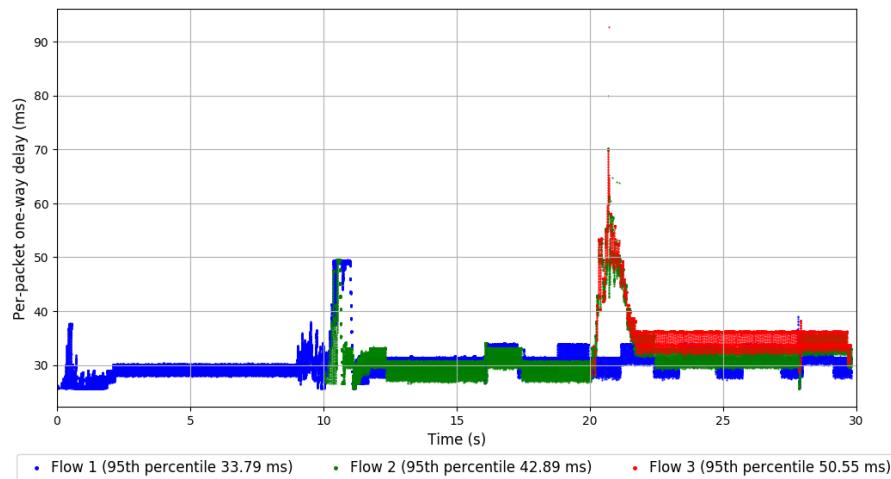
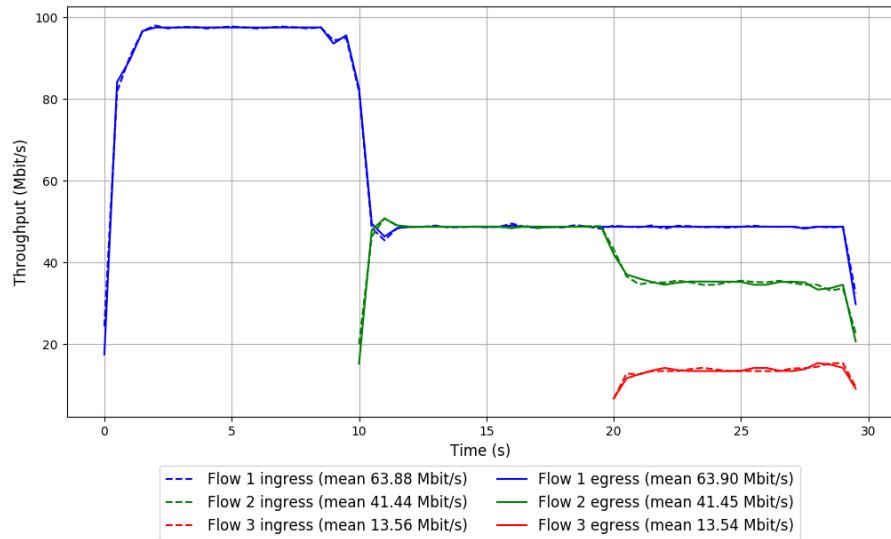


Run 9: Statistics of Indigo-calib

```
Start at: 2017-11-16 09:52:22
End at: 2017-11-16 09:52:52
Local clock offset: 1.615 ms
Remote clock offset: -0.775 ms

# Below is generated by plot.py at 2017-11-16 14:07:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.80 Mbit/s
95th percentile per-packet one-way delay: 36.203 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 63.90 Mbit/s
95th percentile per-packet one-way delay: 33.794 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 41.45 Mbit/s
95th percentile per-packet one-way delay: 42.892 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 13.54 Mbit/s
95th percentile per-packet one-way delay: 50.550 ms
Loss rate: 0.73%
```

Run 9: Report of Indigo-calib — Data Link



Run 10: Statistics of Indigo-calib

```
Start at: 2017-11-16 10:11:30
End at: 2017-11-16 10:12:00
Local clock offset: 1.266 ms
Remote clock offset: 1.559 ms

# Below is generated by plot.py at 2017-11-16 14:07:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.82 Mbit/s
95th percentile per-packet one-way delay: 38.302 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 57.91 Mbit/s
95th percentile per-packet one-way delay: 35.986 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 40.15 Mbit/s
95th percentile per-packet one-way delay: 43.465 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 31.68 Mbit/s
95th percentile per-packet one-way delay: 43.334 ms
Loss rate: 0.68%
```

Run 10: Report of Indigo-calib — Data Link

