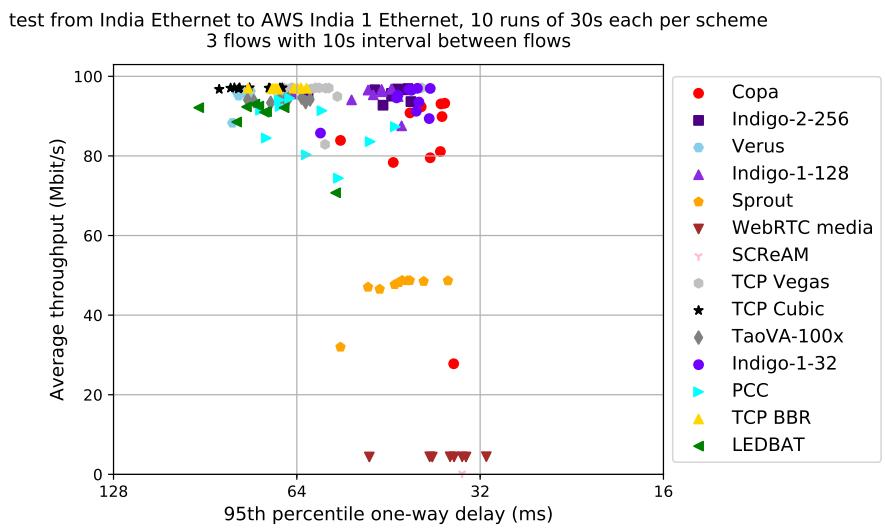
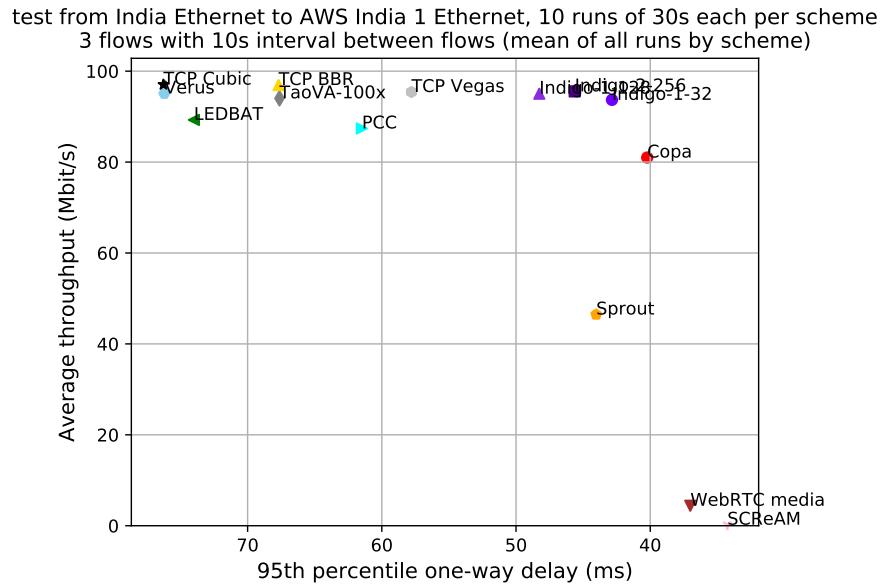


Pantheon Report

Generated at 2018-01-26 17:29:10 (UTC).
Data path: India Ethernet (*remote*) → AWS India 1 Ethernet (*local*).
Repeated the test of 15 congestion control schemes 10 times.
Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).
NTP offsets were measured against nets.org.sg and have been applied to correct the timestamps in logs.

Git summary:

```
branch: master @ f23294ec38436c9f802847d477a41b7343ec76e6
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ ec9585325218d5048c4d4152fa42240af54c6e67
third_party/genericCC @ 80b516c448f795fd6e9675f7177b69c622f07da8
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/indigo-1-layer-32-unit-no-calib @ 1f3a7f75b41135ed5b540c0fd3505939528e2a5f
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179aab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
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 @ f1a14bf7e749737437f61b1eaeeb30b267cde681
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/vivace @ 423cbca3e8ea1d599e7b5cf725835e8a2b6bfac6
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```



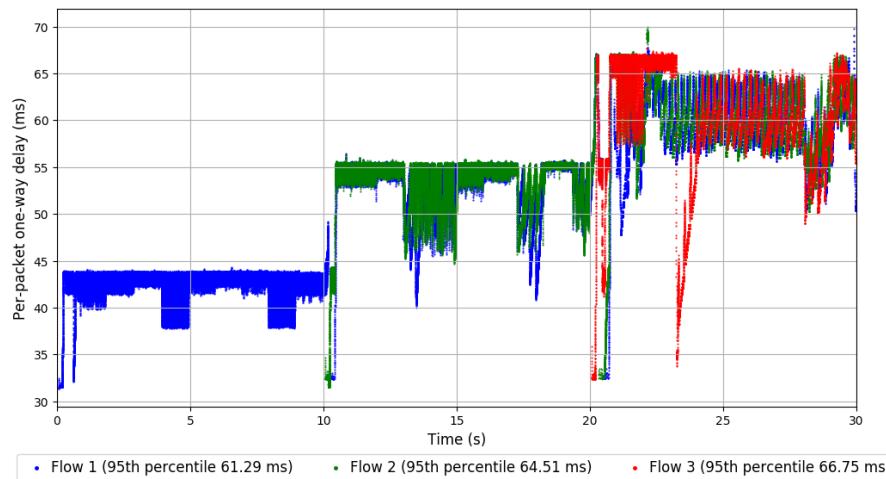
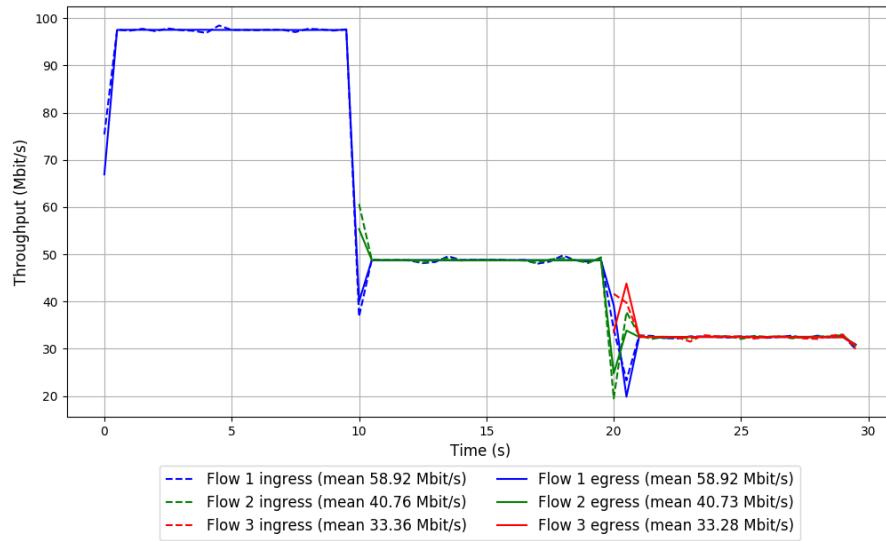
| scheme | # runs | mean avg tput (Mbit/s) | | | mean 95th-%ile delay (ms) | | | mean loss rate (%) | | |
|--------------|--------|------------------------|--------|--------|---------------------------|--------|--------|--------------------|--------|--------|
| | | flow 1 | flow 2 | flow 3 | flow 1 | flow 2 | flow 3 | flow 1 | flow 2 | flow 3 |
| TCP BBR | 10 | 60.15 | 40.75 | 29.13 | 64.10 | 65.06 | 73.66 | 0.11 | 0.23 | 0.58 |
| TCP Cubic | | 60.84 | 38.86 | 32.81 | 69.05 | 76.46 | 72.04 | 0.12 | 0.44 | 1.11 |
| LEDBAT | | 51.04 | 43.57 | 28.26 | 551.94 | 67.46 | 72.46 | 0.13 | 0.28 | 0.80 |
| PCC | | 59.32 | 33.49 | 17.62 | 60.93 | 52.38 | 56.13 | 0.09 | 0.16 | 0.37 |
| QUIC Cubic | | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| SCReAM | | 46.97 | 0.21 | 0.22 | 2568.19 | 34.23 | 34.23 | 0.00 | 0.00 | 0.00 |
| WebRTC media | | 2.35 | 1.44 | 0.63 | 36.94 | 37.03 | 37.28 | 0.18 | 0.15 | 0.37 |
| Sprout | | 23.43 | 23.27 | 22.84 | 43.55 | 44.05 | 44.85 | 0.11 | 0.15 | 0.33 |
| TaoVA-100x | | 58.21 | 41.14 | 33.18 | 65.54 | 63.20 | 63.39 | 0.09 | 0.22 | 0.66 |
| TCP Vegas | | 56.59 | 38.41 | 39.87 | 54.33 | 56.28 | 48.78 | 0.07 | 0.12 | 0.36 |
| Verus | | 57.47 | 41.88 | 29.53 | 71.11 | 68.14 | 72.79 | 0.11 | 0.25 | 0.68 |
| Copa | | 50.02 | 35.35 | 29.20 | 40.12 | 40.27 | 39.59 | 0.05 | 0.13 | 0.34 |
| Indigo-2-256 | | 60.01 | 35.37 | 36.95 | 45.62 | 44.58 | 46.15 | 0.06 | 0.13 | 0.37 |
| Indigo-1-32 | | 57.05 | 40.34 | 30.26 | 41.96 | 42.64 | 42.84 | 0.07 | 0.14 | 0.34 |
| Indigo-1-128 | | 60.28 | 35.50 | 34.40 | 51.35 | 46.37 | 44.20 | 0.06 | 0.13 | 0.33 |

Run 1: Statistics of TCP BBR

```
Start at: 2018-01-26 10:34:59
End at: 2018-01-26 10:35:29
Local clock offset: 1.036 ms
Remote clock offset: -19.315 ms

# Below is generated by plot.py at 2018-01-26 17:07:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.06 Mbit/s
95th percentile per-packet one-way delay: 64.630 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 58.92 Mbit/s
95th percentile per-packet one-way delay: 61.293 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 40.73 Mbit/s
95th percentile per-packet one-way delay: 64.509 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 33.28 Mbit/s
95th percentile per-packet one-way delay: 66.748 ms
Loss rate: 0.51%
```

Run 1: Report of TCP BBR — Data Link

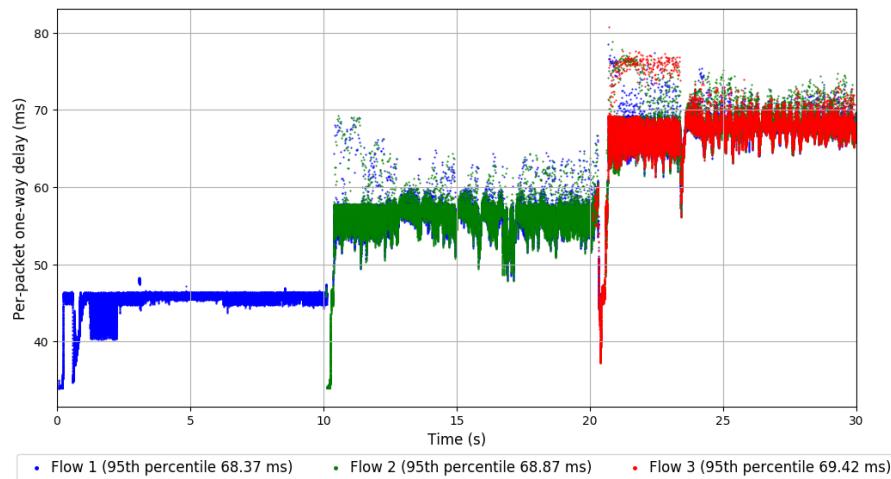
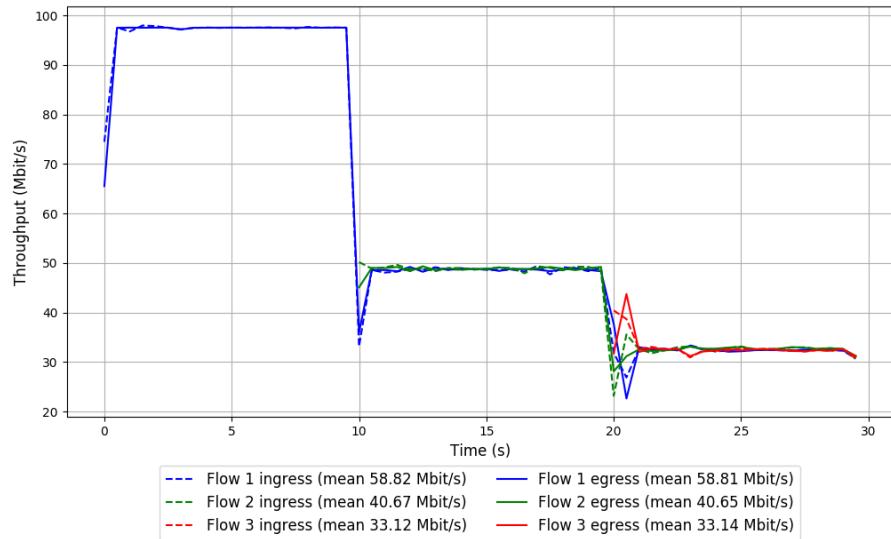


Run 2: Statistics of TCP BBR

```
Start at: 2018-01-26 10:53:55
End at: 2018-01-26 10:54:25
Local clock offset: 3.939 ms
Remote clock offset: -19.11 ms

# Below is generated by plot.py at 2018-01-26 17:07:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.81 Mbit/s
95th percentile per-packet one-way delay: 68.751 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 58.81 Mbit/s
95th percentile per-packet one-way delay: 68.374 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.65 Mbit/s
95th percentile per-packet one-way delay: 68.866 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 33.14 Mbit/s
95th percentile per-packet one-way delay: 69.424 ms
Loss rate: 0.60%
```

Run 2: Report of TCP BBR — Data Link

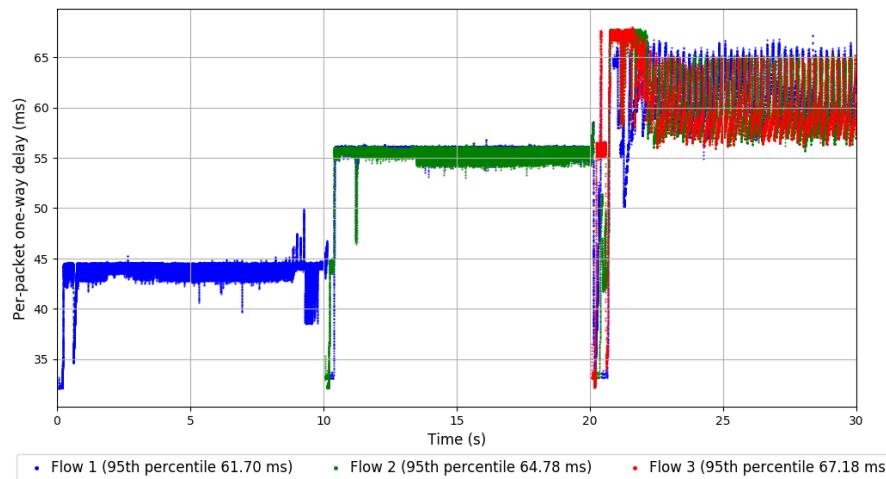
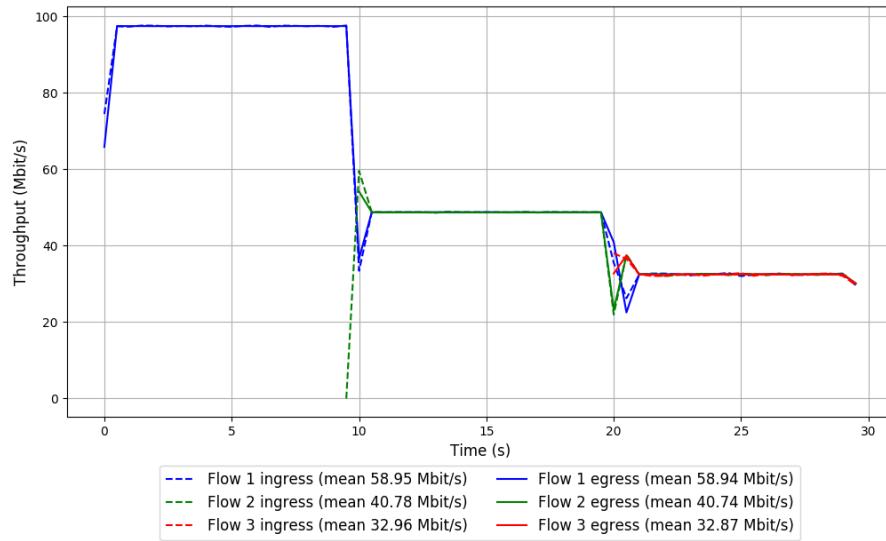


Run 3: Statistics of TCP BBR

```
Start at: 2018-01-26 11:12:45
End at: 2018-01-26 11:13:15
Local clock offset: 2.845 ms
Remote clock offset: -16.57 ms

# Below is generated by plot.py at 2018-01-26 17:07:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.97 Mbit/s
95th percentile per-packet one-way delay: 63.791 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 58.94 Mbit/s
95th percentile per-packet one-way delay: 61.698 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.74 Mbit/s
95th percentile per-packet one-way delay: 64.781 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 32.87 Mbit/s
95th percentile per-packet one-way delay: 67.178 ms
Loss rate: 0.51%
```

Run 3: Report of TCP BBR — Data Link

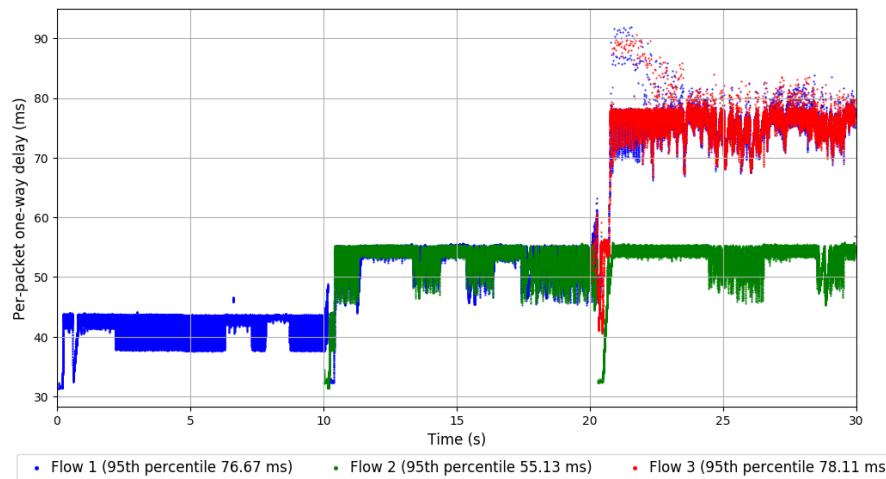
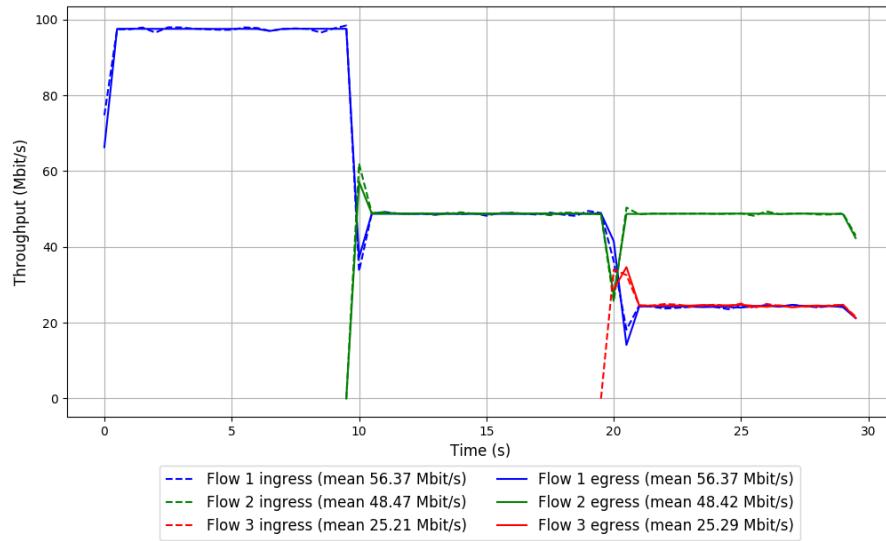


Run 4: Statistics of TCP BBR

```
Start at: 2018-01-26 11:31:38
End at: 2018-01-26 11:32:08
Local clock offset: 2.732 ms
Remote clock offset: -14.415 ms

# Below is generated by plot.py at 2018-01-26 17:07:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.03 Mbit/s
95th percentile per-packet one-way delay: 76.928 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 56.37 Mbit/s
95th percentile per-packet one-way delay: 76.667 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 48.42 Mbit/s
95th percentile per-packet one-way delay: 55.126 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 25.29 Mbit/s
95th percentile per-packet one-way delay: 78.109 ms
Loss rate: 0.80%
```

Run 4: Report of TCP BBR — Data Link

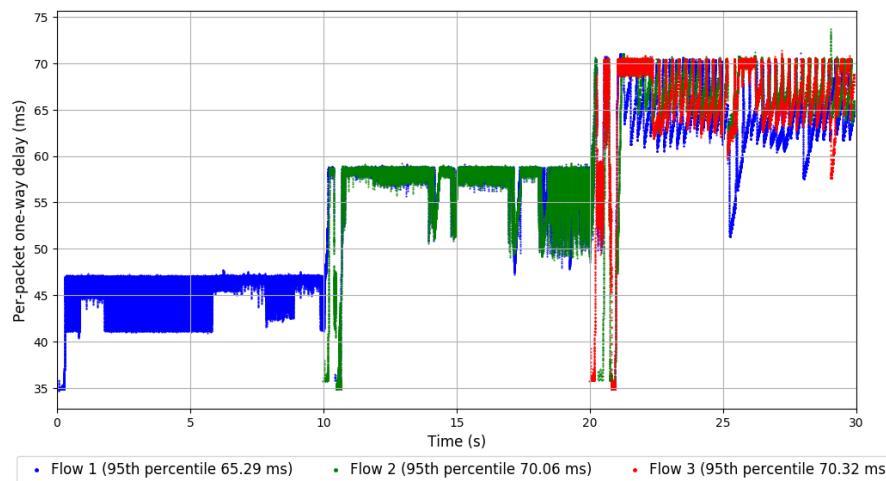
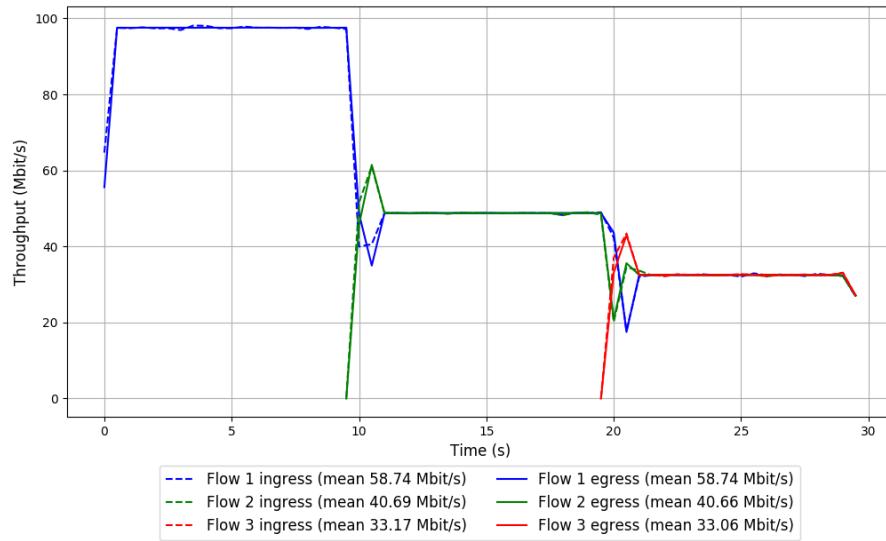


Run 5: Statistics of TCP BBR

```
Start at: 2018-01-26 11:50:46
End at: 2018-01-26 11:51:16
Local clock offset: 2.164 ms
Remote clock offset: -13.303 ms

# Below is generated by plot.py at 2018-01-26 17:07:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 69.747 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 58.74 Mbit/s
95th percentile per-packet one-way delay: 65.288 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.66 Mbit/s
95th percentile per-packet one-way delay: 70.057 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 33.06 Mbit/s
95th percentile per-packet one-way delay: 70.317 ms
Loss rate: 0.64%
```

Run 5: Report of TCP BBR — Data Link

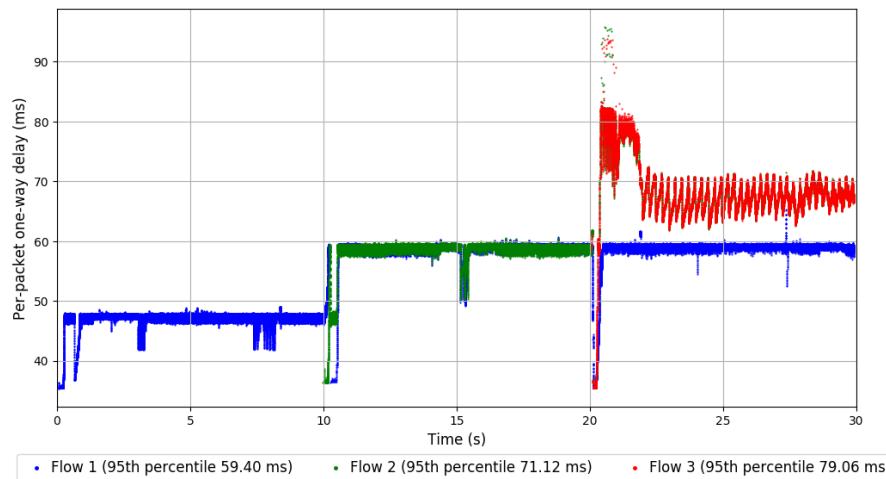
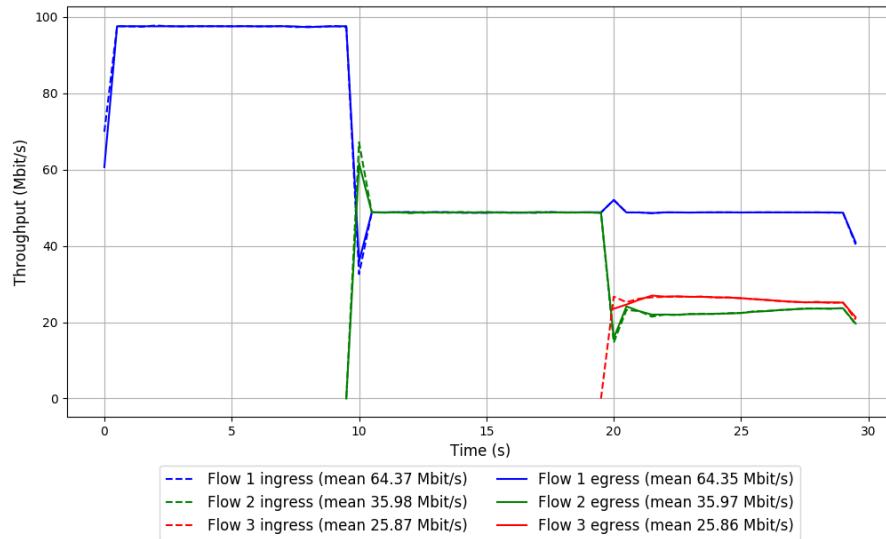


Run 6: Statistics of TCP BBR

```
Start at: 2018-01-26 12:09:50
End at: 2018-01-26 12:10:20
Local clock offset: 2.365 ms
Remote clock offset: -12.565 ms

# Below is generated by plot.py at 2018-01-26 17:07:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.90 Mbit/s
95th percentile per-packet one-way delay: 69.337 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 64.35 Mbit/s
95th percentile per-packet one-way delay: 59.397 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 35.97 Mbit/s
95th percentile per-packet one-way delay: 71.118 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 25.86 Mbit/s
95th percentile per-packet one-way delay: 79.061 ms
Loss rate: 0.56%
```

Run 6: Report of TCP BBR — Data Link

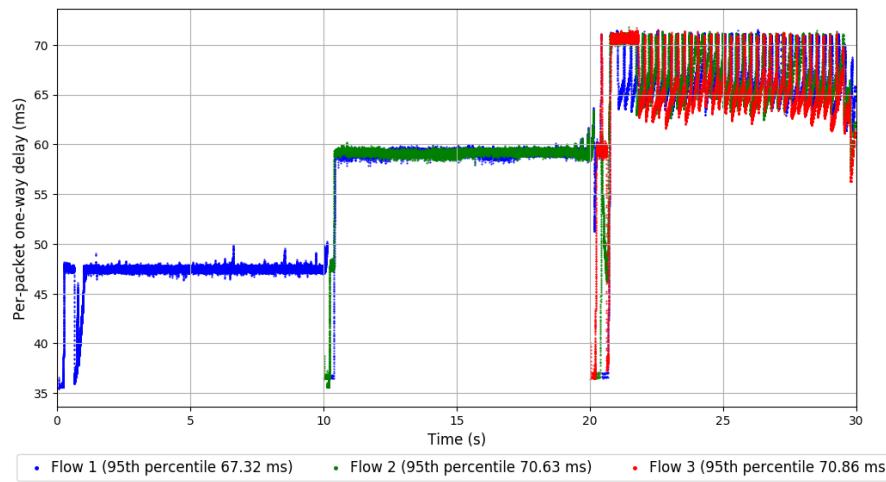
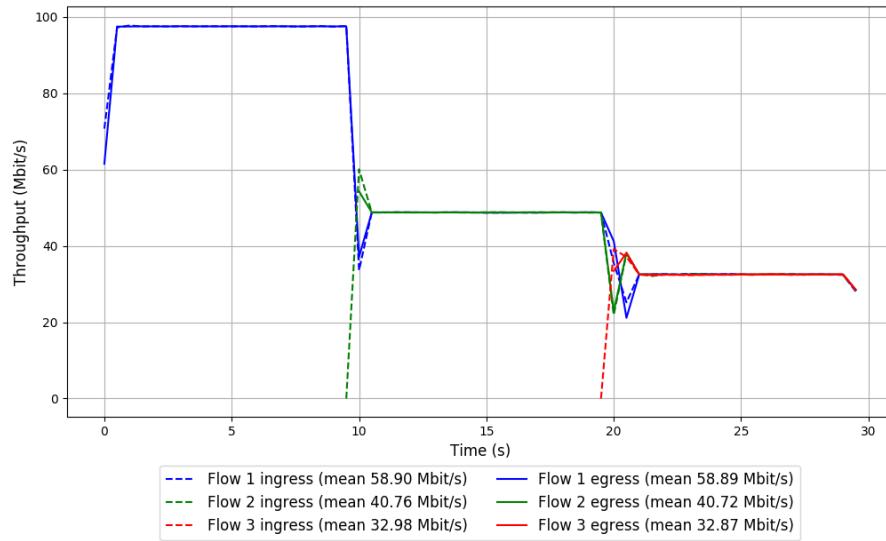


Run 7: Statistics of TCP BBR

```
Start at: 2018-01-26 12:29:12
End at: 2018-01-26 12:29:42
Local clock offset: 1.369 ms
Remote clock offset: -12.106 ms

# Below is generated by plot.py at 2018-01-26 17:07:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.93 Mbit/s
95th percentile per-packet one-way delay: 70.214 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 58.89 Mbit/s
95th percentile per-packet one-way delay: 67.317 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 40.72 Mbit/s
95th percentile per-packet one-way delay: 70.626 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 32.87 Mbit/s
95th percentile per-packet one-way delay: 70.862 ms
Loss rate: 0.62%
```

Run 7: Report of TCP BBR — Data Link

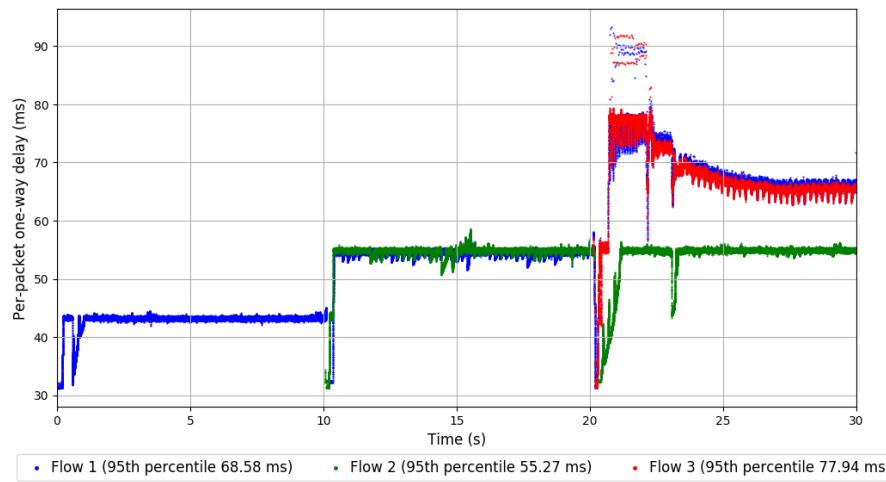
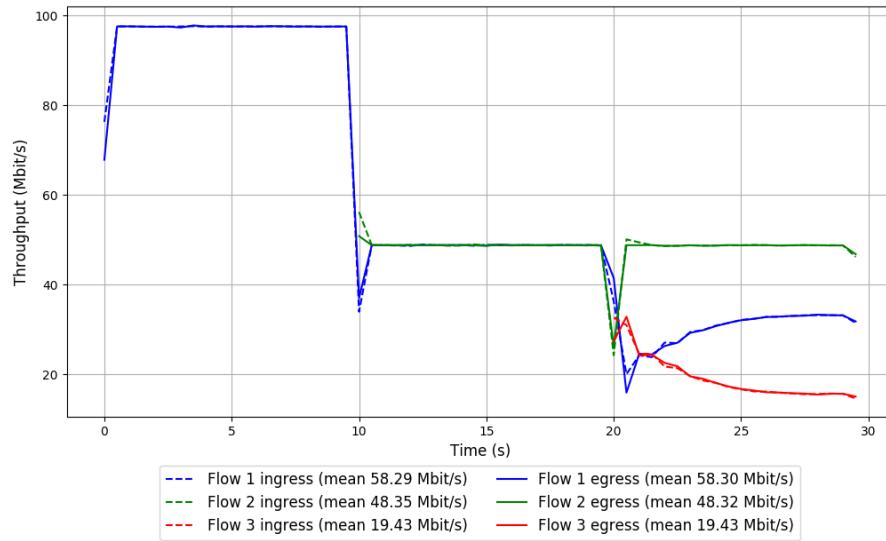


Run 8: Statistics of TCP BBR

```
Start at: 2018-01-26 12:48:56
End at: 2018-01-26 12:49:26
Local clock offset: 1.378 ms
Remote clock offset: -11.734 ms

# Below is generated by plot.py at 2018-01-26 17:07:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.89 Mbit/s
95th percentile per-packet one-way delay: 68.849 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 58.30 Mbit/s
95th percentile per-packet one-way delay: 68.578 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 48.32 Mbit/s
95th percentile per-packet one-way delay: 55.267 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 19.43 Mbit/s
95th percentile per-packet one-way delay: 77.943 ms
Loss rate: 0.43%
```

Run 8: Report of TCP BBR — Data Link

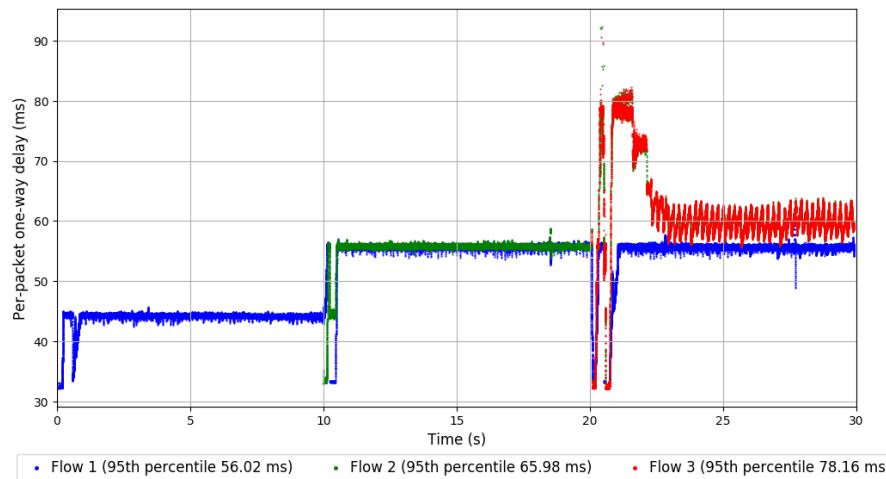
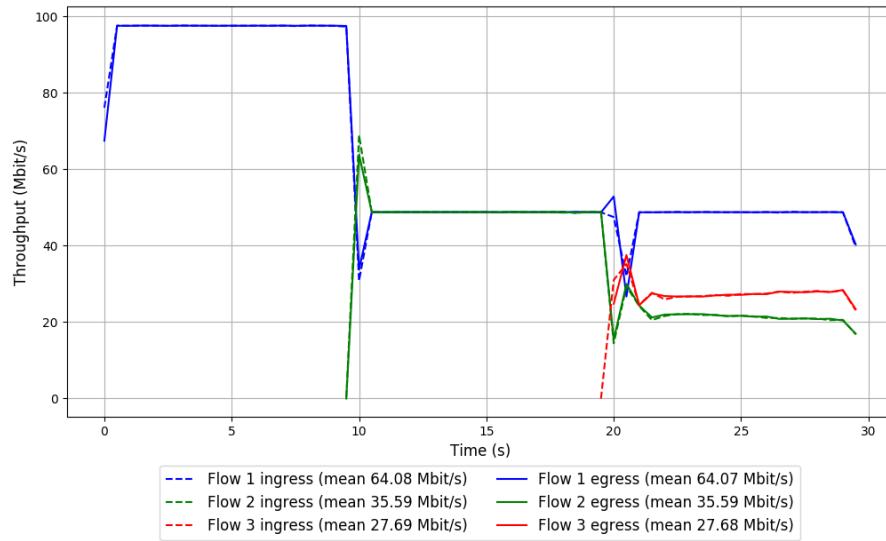


Run 9: Statistics of TCP BBR

```
Start at: 2018-01-26 13:08:37
End at: 2018-01-26 13:09:07
Local clock offset: 3.33 ms
Remote clock offset: -10.087 ms

# Below is generated by plot.py at 2018-01-26 17:09:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.99 Mbit/s
95th percentile per-packet one-way delay: 61.708 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 64.07 Mbit/s
95th percentile per-packet one-way delay: 56.018 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 35.59 Mbit/s
95th percentile per-packet one-way delay: 65.983 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 27.68 Mbit/s
95th percentile per-packet one-way delay: 78.161 ms
Loss rate: 0.56%
```

Run 9: Report of TCP BBR — Data Link

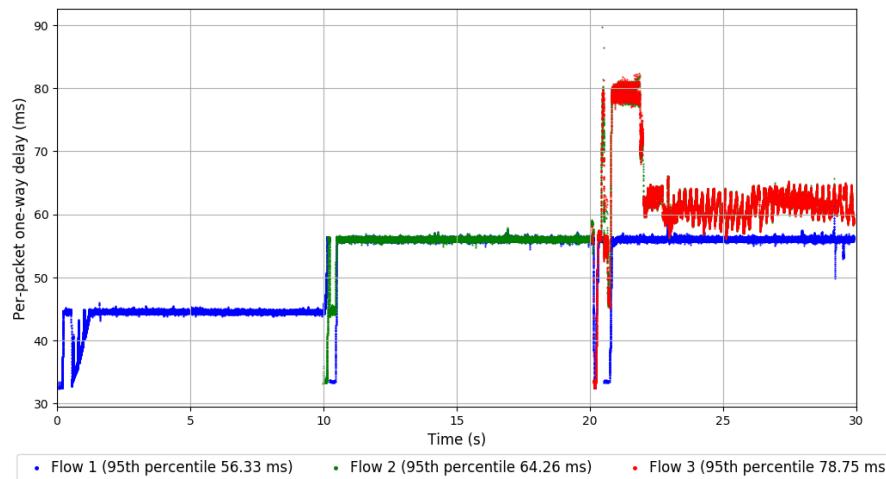
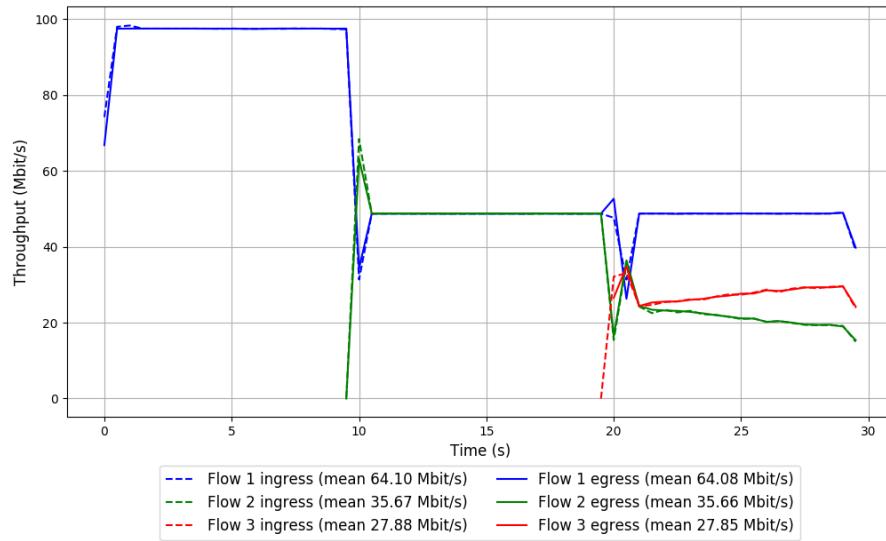


Run 10: Statistics of TCP BBR

```
Start at: 2018-01-26 13:28:18
End at: 2018-01-26 13:28:48
Local clock offset: 2.961 ms
Remote clock offset: -12.225 ms

# Below is generated by plot.py at 2018-01-26 17:09:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 62.980 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 64.08 Mbit/s
95th percentile per-packet one-way delay: 56.332 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 35.66 Mbit/s
95th percentile per-packet one-way delay: 64.261 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 27.85 Mbit/s
95th percentile per-packet one-way delay: 78.755 ms
Loss rate: 0.58%
```

Run 10: Report of TCP BBR — Data Link

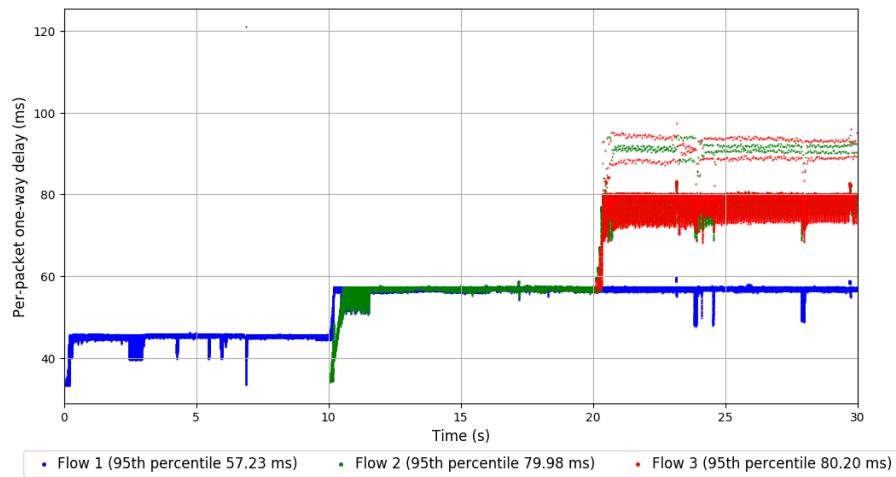
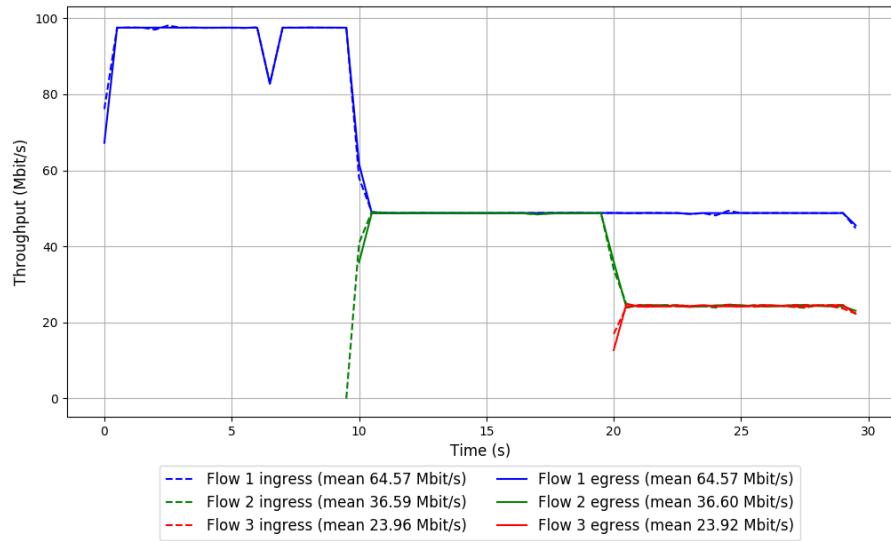


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2018-01-26 10:42:14
End at: 2018-01-26 10:42:44
Local clock offset: 2.009 ms
Remote clock offset: -20.243 ms

# Below is generated by plot.py at 2018-01-26 17:09:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 79.800 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 64.57 Mbit/s
95th percentile per-packet one-way delay: 57.232 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 36.60 Mbit/s
95th percentile per-packet one-way delay: 79.981 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 23.92 Mbit/s
95th percentile per-packet one-way delay: 80.200 ms
Loss rate: 0.68%
```

Run 1: Report of TCP Cubic — Data Link

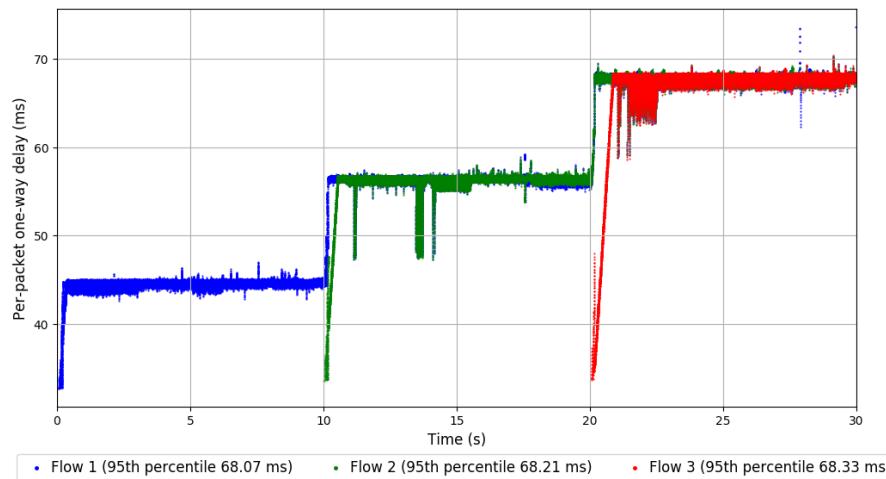
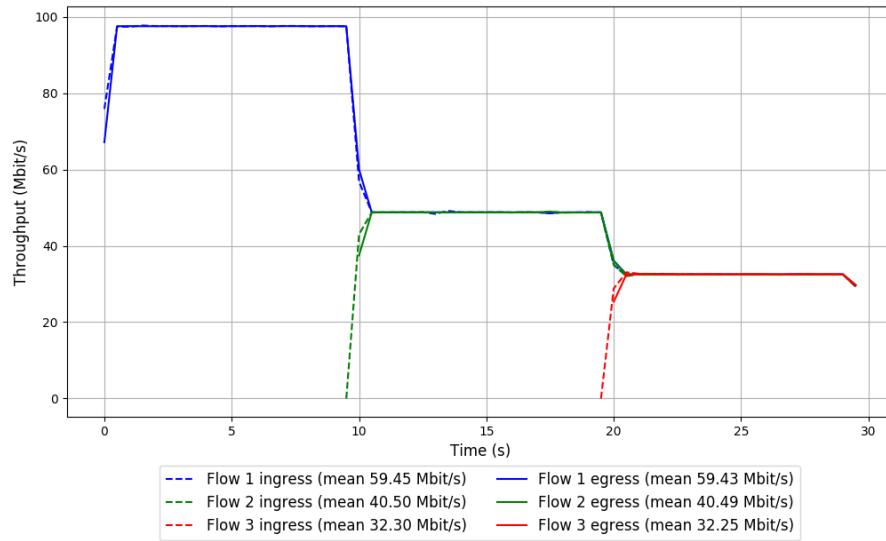


Run 2: Statistics of TCP Cubic

```
Start at: 2018-01-26 11:01:04
End at: 2018-01-26 11:01:34
Local clock offset: 3.531 ms
Remote clock offset: -17.378 ms

# Below is generated by plot.py at 2018-01-26 17:09:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 68.185 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 59.43 Mbit/s
95th percentile per-packet one-way delay: 68.069 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.49 Mbit/s
95th percentile per-packet one-way delay: 68.208 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 32.25 Mbit/s
95th percentile per-packet one-way delay: 68.330 ms
Loss rate: 0.62%
```

Run 2: Report of TCP Cubic — Data Link

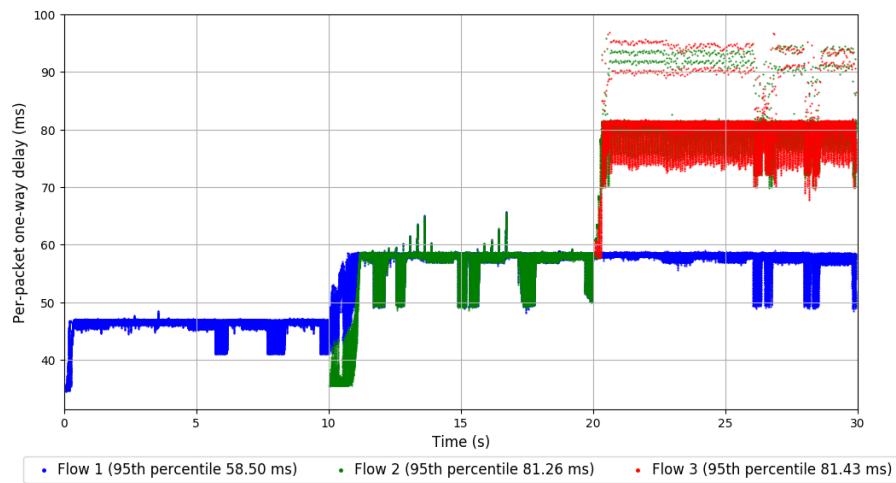
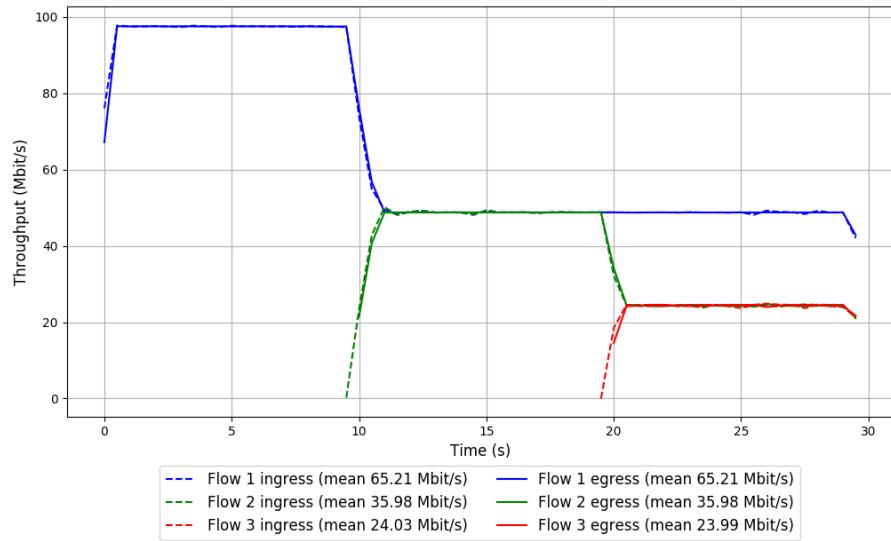


Run 3: Statistics of TCP Cubic

```
Start at: 2018-01-26 11:19:58
End at: 2018-01-26 11:20:28
Local clock offset: 5.231 ms
Remote clock offset: -16.224 ms

# Below is generated by plot.py at 2018-01-26 17:09:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.13 Mbit/s
95th percentile per-packet one-way delay: 81.030 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 65.21 Mbit/s
95th percentile per-packet one-way delay: 58.504 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 35.98 Mbit/s
95th percentile per-packet one-way delay: 81.264 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 23.99 Mbit/s
95th percentile per-packet one-way delay: 81.432 ms
Loss rate: 0.77%
```

Run 3: Report of TCP Cubic — Data Link

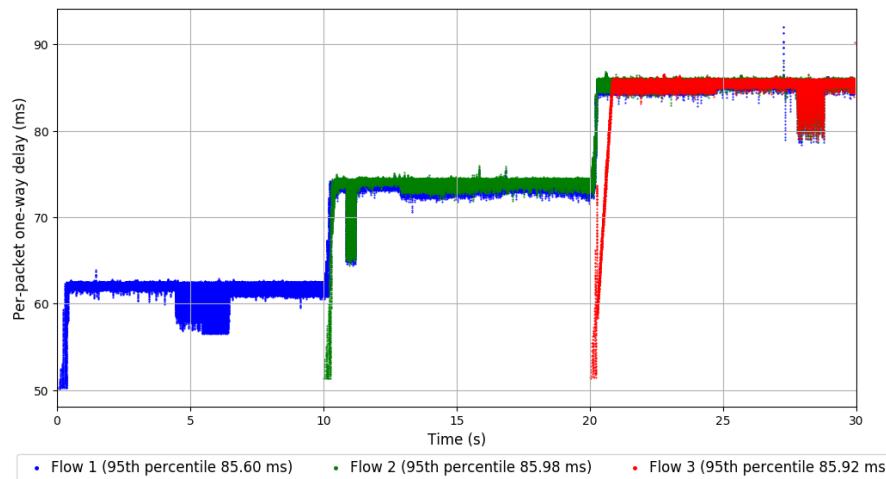
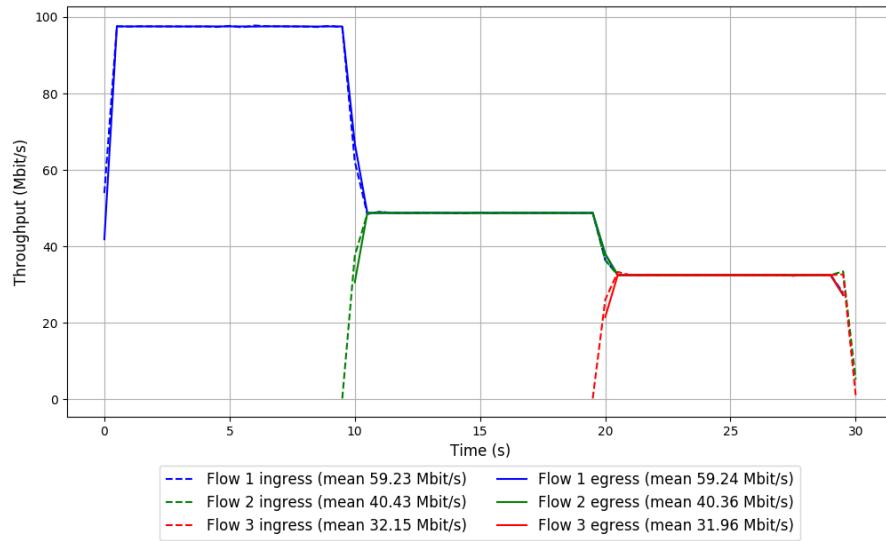


Run 4: Statistics of TCP Cubic

```
Start at: 2018-01-26 11:38:54
End at: 2018-01-26 11:39:24
Local clock offset: 4.341 ms
Remote clock offset: -15.86 ms

# Below is generated by plot.py at 2018-01-26 17:09:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.75 Mbit/s
95th percentile per-packet one-way delay: 85.824 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 59.24 Mbit/s
95th percentile per-packet one-way delay: 85.596 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 40.36 Mbit/s
95th percentile per-packet one-way delay: 85.985 ms
Loss rate: 1.04%
-- Flow 3:
Average throughput: 31.96 Mbit/s
95th percentile per-packet one-way delay: 85.916 ms
Loss rate: 1.87%
```

Run 4: Report of TCP Cubic — Data Link

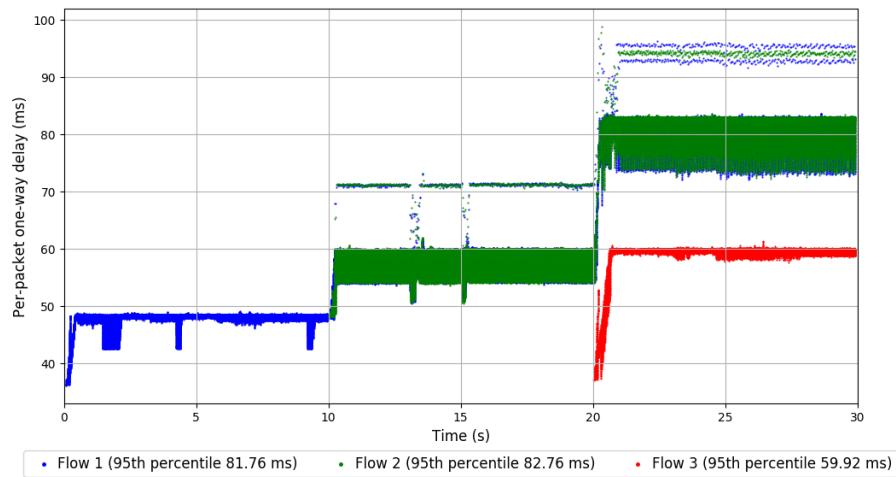
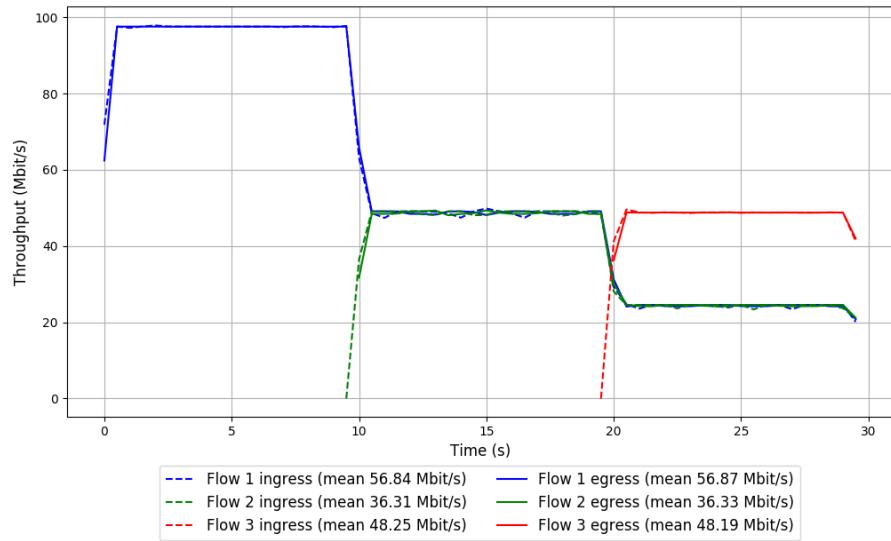


Run 5: Statistics of TCP Cubic

```
Start at: 2018-01-26 11:58:05
End at: 2018-01-26 11:58:35
Local clock offset: 3.536 ms
Remote clock offset: -12.524 ms

# Below is generated by plot.py at 2018-01-26 17:09:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 82.216 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 56.87 Mbit/s
95th percentile per-packet one-way delay: 81.762 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 36.33 Mbit/s
95th percentile per-packet one-way delay: 82.762 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 48.19 Mbit/s
95th percentile per-packet one-way delay: 59.919 ms
Loss rate: 0.54%
```

Run 5: Report of TCP Cubic — Data Link

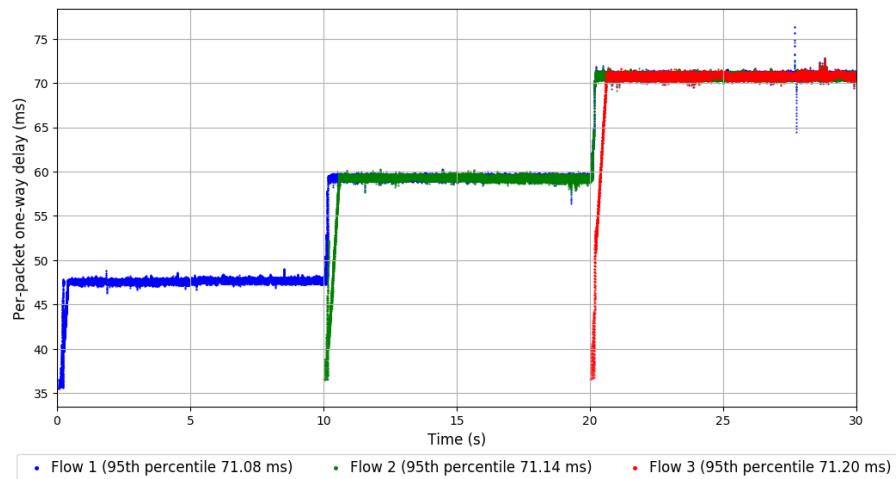
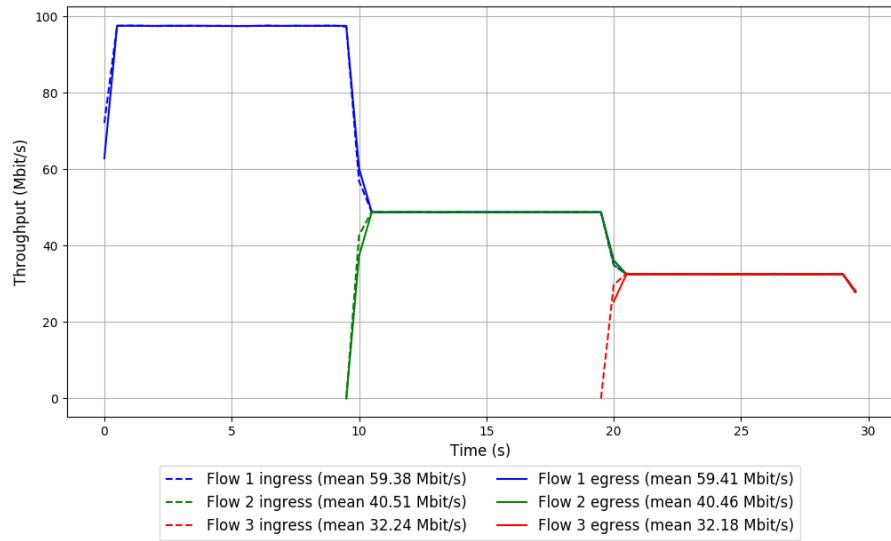


Run 6: Statistics of TCP Cubic

```
Start at: 2018-01-26 12:17:15
End at: 2018-01-26 12:17:45
Local clock offset: 2.689 ms
Remote clock offset: -11.959 ms

# Below is generated by plot.py at 2018-01-26 17:09:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.06 Mbit/s
95th percentile per-packet one-way delay: 71.132 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 59.41 Mbit/s
95th percentile per-packet one-way delay: 71.081 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 40.46 Mbit/s
95th percentile per-packet one-way delay: 71.142 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 32.18 Mbit/s
95th percentile per-packet one-way delay: 71.197 ms
Loss rate: 0.65%
```

Run 6: Report of TCP Cubic — Data Link

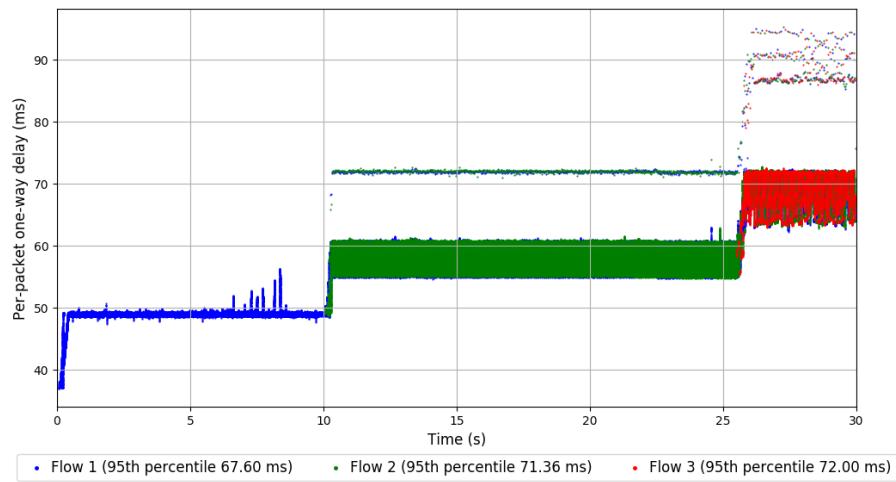
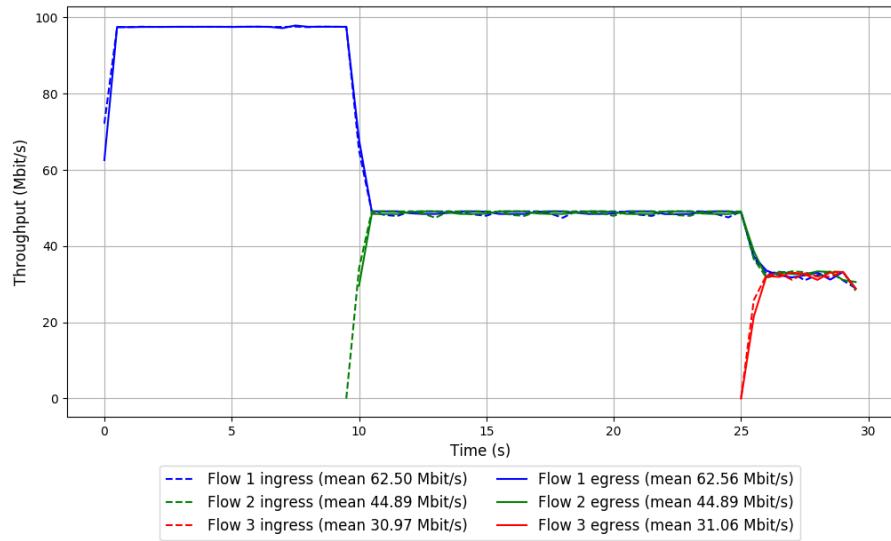


Run 7: Statistics of TCP Cubic

```
Start at: 2018-01-26 12:36:42
End at: 2018-01-26 12:37:12
Local clock offset: 3.881 ms
Remote clock offset: -10.81 ms

# Below is generated by plot.py at 2018-01-26 17:10:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.04 Mbit/s
95th percentile per-packet one-way delay: 70.903 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 62.56 Mbit/s
95th percentile per-packet one-way delay: 67.597 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 44.89 Mbit/s
95th percentile per-packet one-way delay: 71.358 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 31.06 Mbit/s
95th percentile per-packet one-way delay: 71.999 ms
Loss rate: 1.31%
```

Run 7: Report of TCP Cubic — Data Link

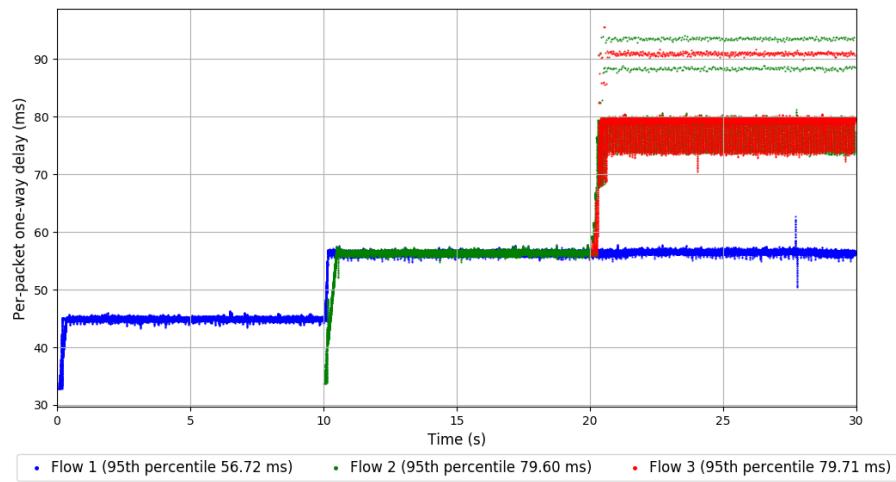
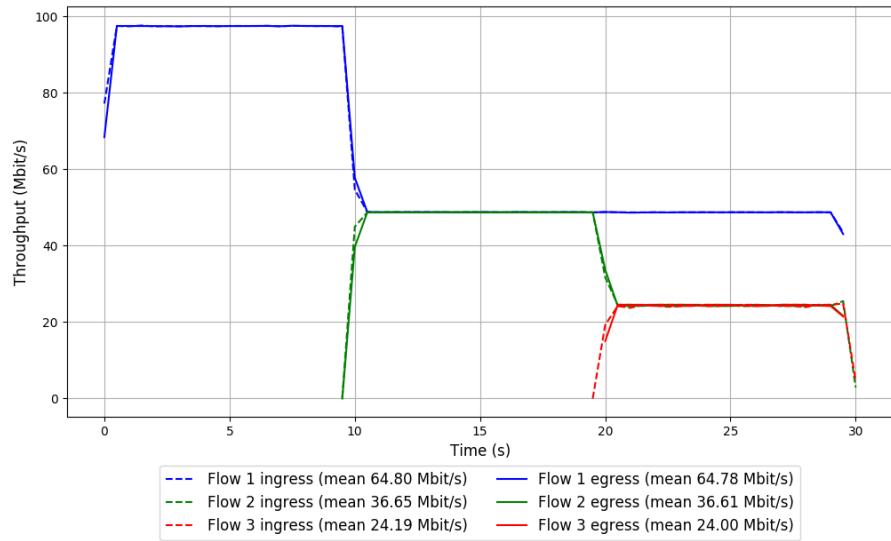


Run 8: Statistics of TCP Cubic

```
Start at: 2018-01-26 12:56:25
End at: 2018-01-26 12:56:55
Local clock offset: 3.472 ms
Remote clock offset: -10.625 ms

# Below is generated by plot.py at 2018-01-26 17:10:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.14 Mbit/s
95th percentile per-packet one-way delay: 79.479 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 64.78 Mbit/s
95th percentile per-packet one-way delay: 56.722 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 36.61 Mbit/s
95th percentile per-packet one-way delay: 79.603 ms
Loss rate: 0.74%
-- Flow 3:
Average throughput: 24.00 Mbit/s
95th percentile per-packet one-way delay: 79.710 ms
Loss rate: 2.39%
```

Run 8: Report of TCP Cubic — Data Link

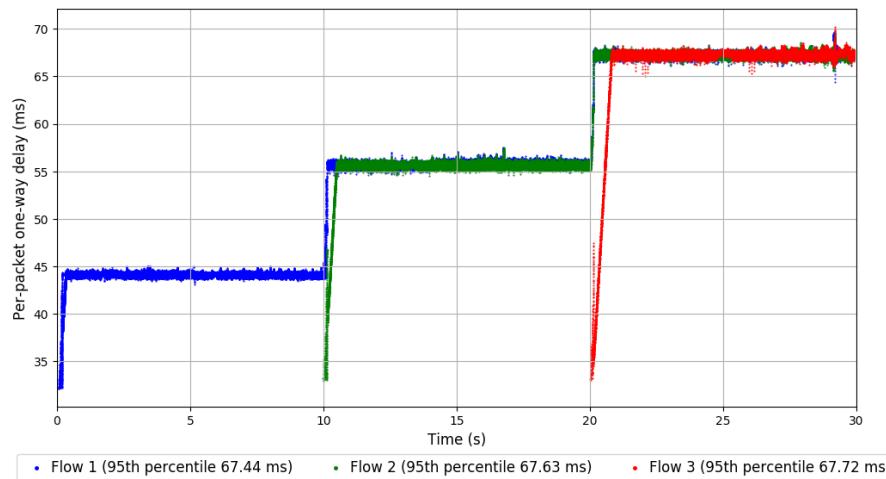
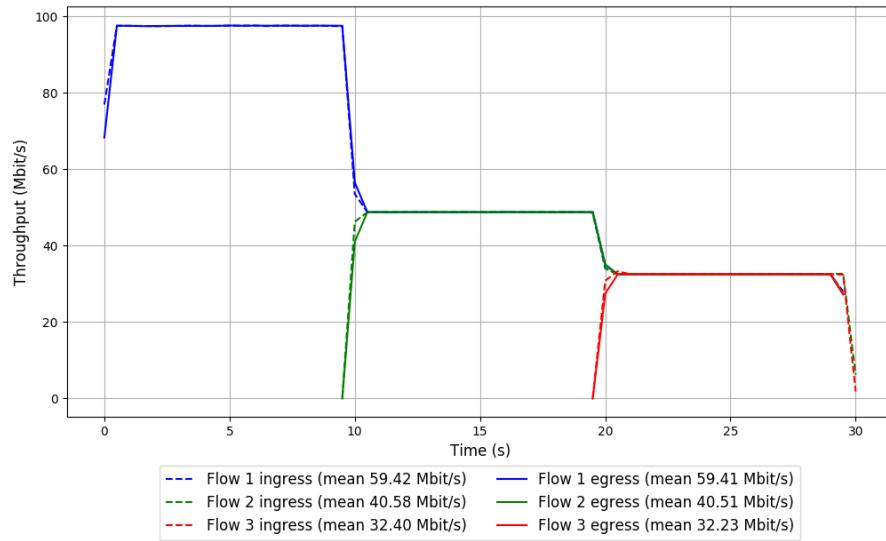


Run 9: Statistics of TCP Cubic

```
Start at: 2018-01-26 13:15:59
End at: 2018-01-26 13:16:29
Local clock offset: 2.568 ms
Remote clock offset: -11.648 ms

# Below is generated by plot.py at 2018-01-26 17:10:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.13 Mbit/s
95th percentile per-packet one-way delay: 67.600 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 59.41 Mbit/s
95th percentile per-packet one-way delay: 67.442 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 40.51 Mbit/s
95th percentile per-packet one-way delay: 67.631 ms
Loss rate: 0.97%
-- Flow 3:
Average throughput: 32.23 Mbit/s
95th percentile per-packet one-way delay: 67.721 ms
Loss rate: 1.75%
```

Run 9: Report of TCP Cubic — Data Link

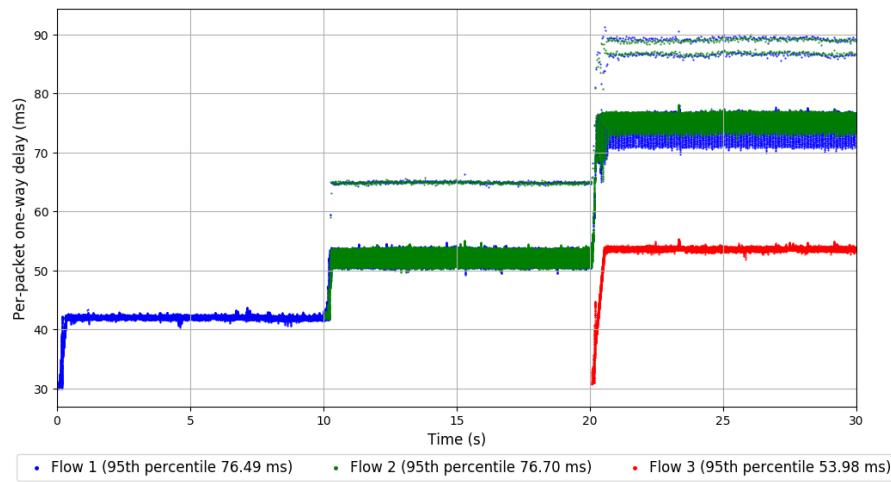
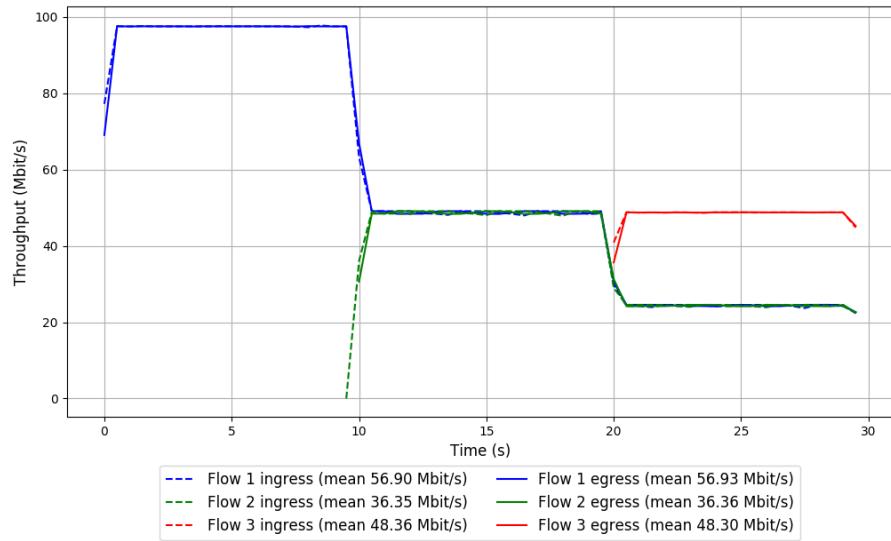


```
Run 10: Statistics of TCP Cubic
```

```
Start at: 2018-01-26 13:35:53
End at: 2018-01-26 13:36:23
Local clock offset: 0.797 ms
Remote clock offset: -11.962 ms

# Below is generated by plot.py at 2018-01-26 17:10:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.14 Mbit/s
95th percentile per-packet one-way delay: 76.545 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 56.93 Mbit/s
95th percentile per-packet one-way delay: 76.494 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 36.36 Mbit/s
95th percentile per-packet one-way delay: 76.696 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 48.30 Mbit/s
95th percentile per-packet one-way delay: 53.975 ms
Loss rate: 0.50%
```

Run 10: Report of TCP Cubic — Data Link

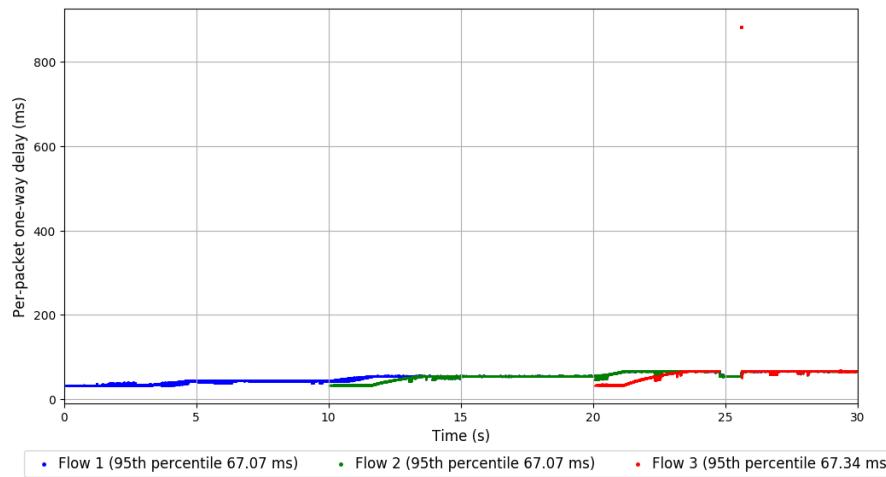
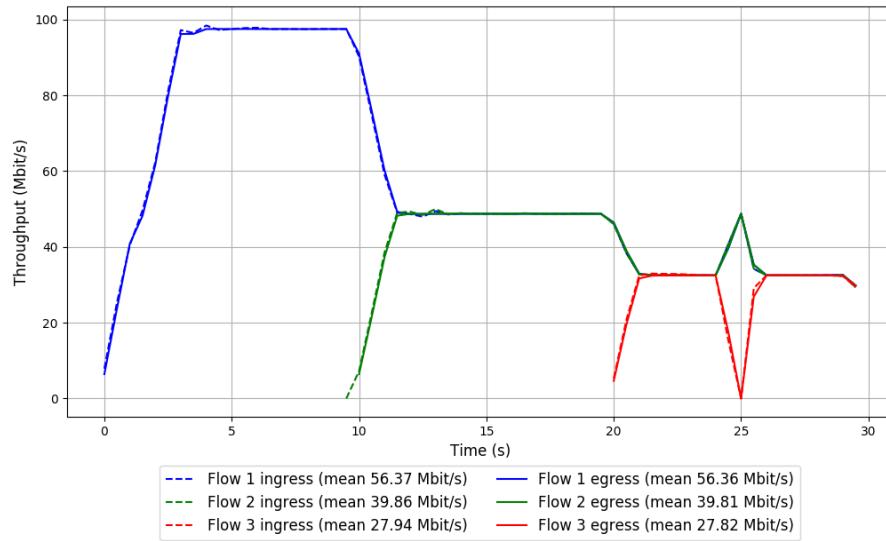


```
Run 1: Statistics of LEDBAT
```

```
Start at: 2018-01-26 10:37:26
End at: 2018-01-26 10:37:56
Local clock offset: 2.196 ms
Remote clock offset: -19.244 ms

# Below is generated by plot.py at 2018-01-26 17:10:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.10 Mbit/s
95th percentile per-packet one-way delay: 67.158 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 56.36 Mbit/s
95th percentile per-packet one-way delay: 67.070 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 39.81 Mbit/s
95th percentile per-packet one-way delay: 67.069 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 27.82 Mbit/s
95th percentile per-packet one-way delay: 67.339 ms
Loss rate: 0.70%
```

Run 1: Report of LEDBAT — Data Link

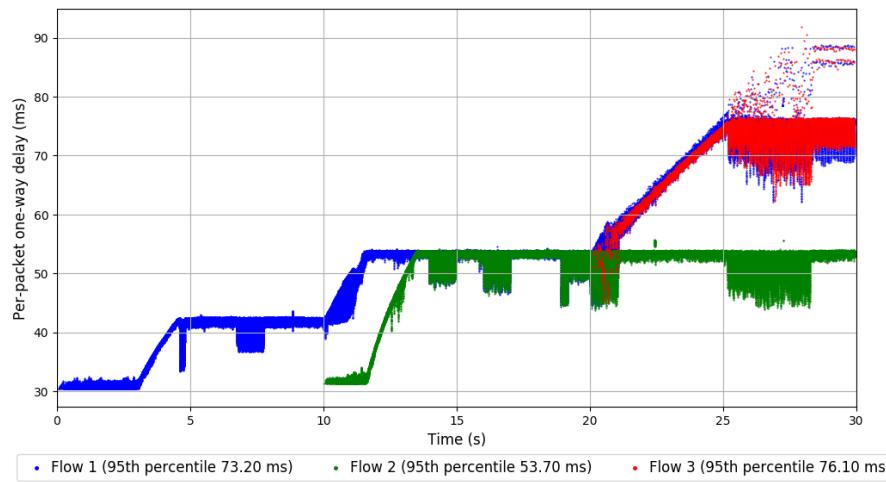
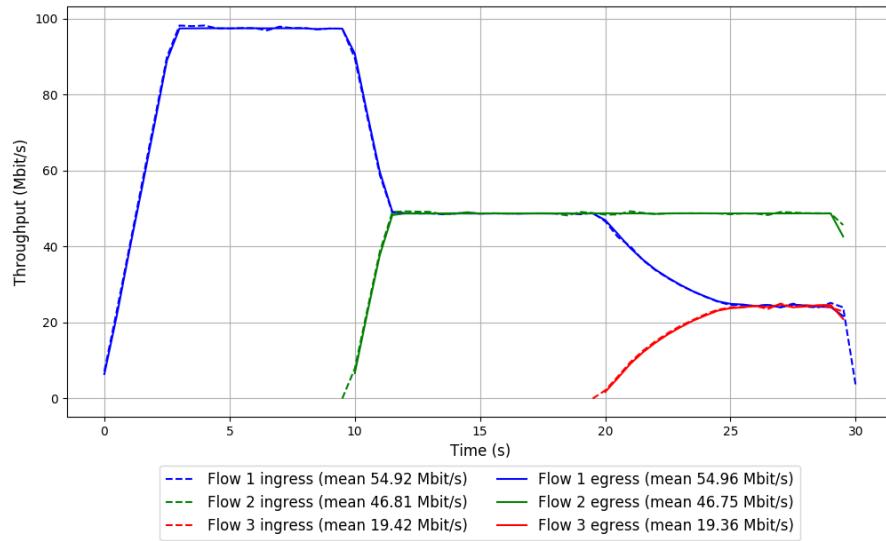


Run 2: Statistics of LEDBAT

```
Start at: 2018-01-26 10:56:17
End at: 2018-01-26 10:56:47
Local clock offset: 1.539 ms
Remote clock offset: -17.728 ms

# Below is generated by plot.py at 2018-01-26 17:10:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.53 Mbit/s
95th percentile per-packet one-way delay: 73.910 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 54.96 Mbit/s
95th percentile per-packet one-way delay: 73.197 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 46.75 Mbit/s
95th percentile per-packet one-way delay: 53.703 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 19.36 Mbit/s
95th percentile per-packet one-way delay: 76.098 ms
Loss rate: 1.32%
```

Run 2: Report of LEDBAT — Data Link

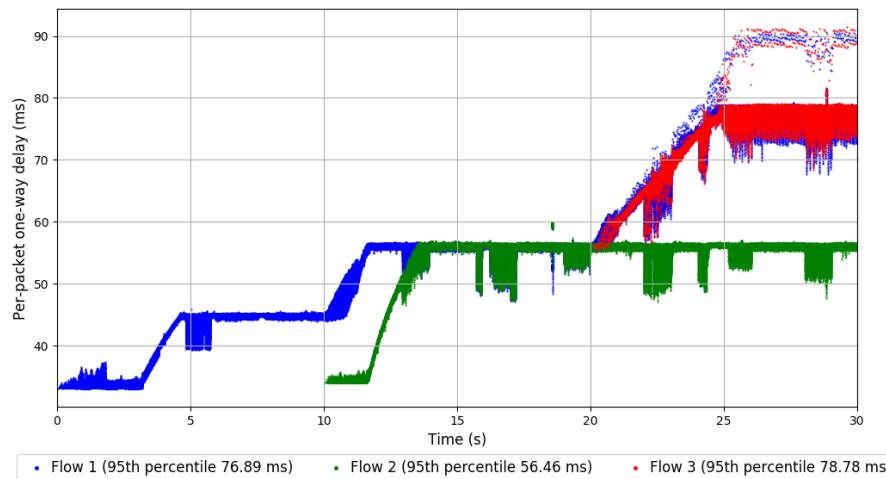
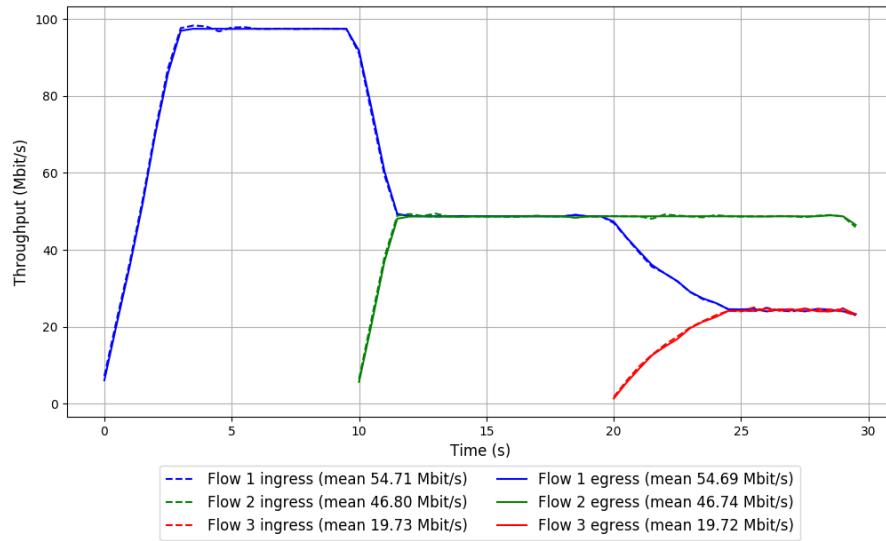


Run 3: Statistics of LEDBAT

```
Start at: 2018-01-26 11:15:11
End at: 2018-01-26 11:15:41
Local clock offset: 2.444 ms
Remote clock offset: -17.769 ms

# Below is generated by plot.py at 2018-01-26 17:10:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.32 Mbit/s
95th percentile per-packet one-way delay: 77.426 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 54.69 Mbit/s
95th percentile per-packet one-way delay: 76.892 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 46.74 Mbit/s
95th percentile per-packet one-way delay: 56.460 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 19.72 Mbit/s
95th percentile per-packet one-way delay: 78.783 ms
Loss rate: 0.85%
```

Run 3: Report of LEDBAT — Data Link

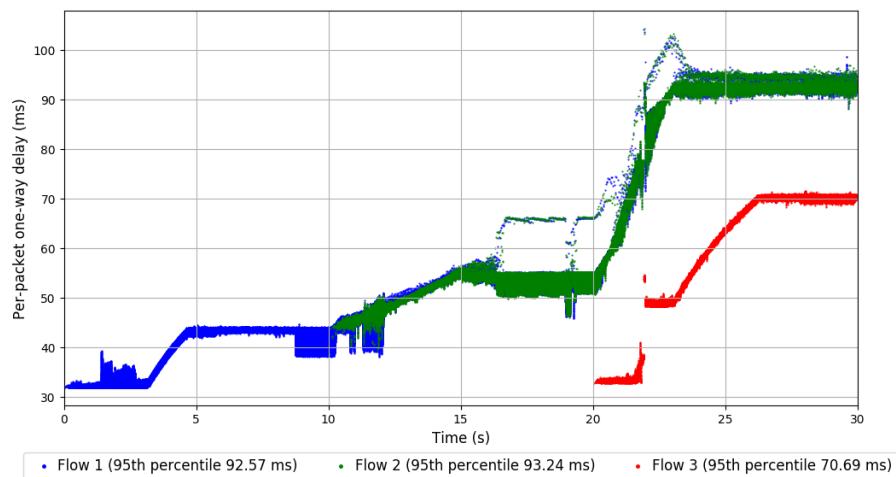
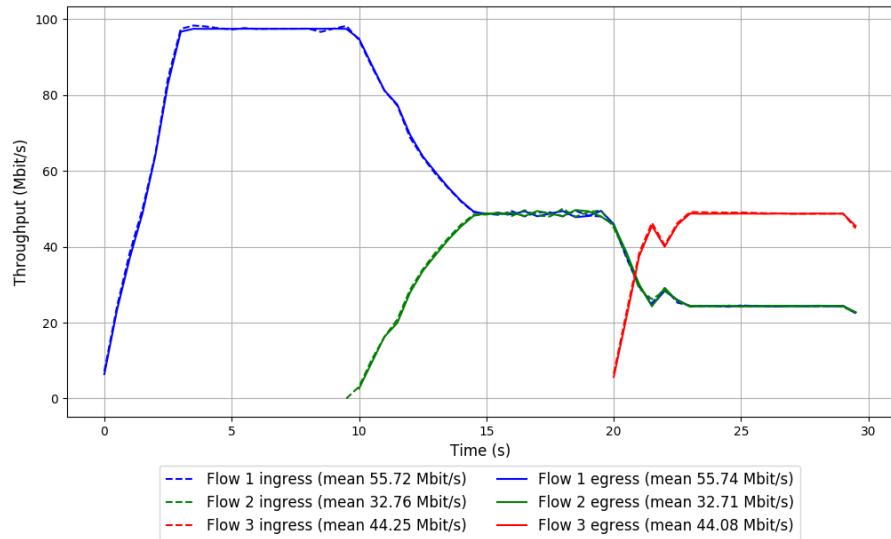


Run 4: Statistics of LEDBAT

```
Start at: 2018-01-26 11:34:00
End at: 2018-01-26 11:34:30
Local clock offset: 3.191 ms
Remote clock offset: -14.379 ms

# Below is generated by plot.py at 2018-01-26 17:10:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.13 Mbit/s
95th percentile per-packet one-way delay: 92.750 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 55.74 Mbit/s
95th percentile per-packet one-way delay: 92.572 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 32.71 Mbit/s
95th percentile per-packet one-way delay: 93.242 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 44.08 Mbit/s
95th percentile per-packet one-way delay: 70.693 ms
Loss rate: 0.71%
```

Run 4: Report of LEDBAT — Data Link

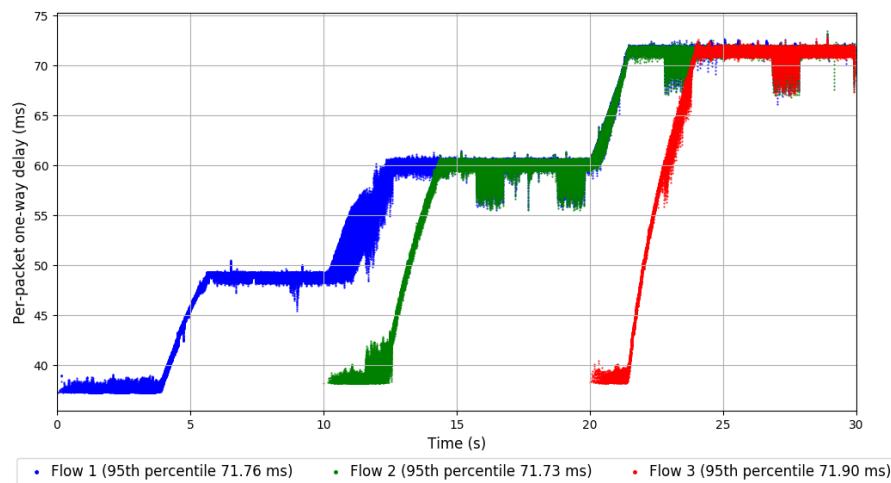
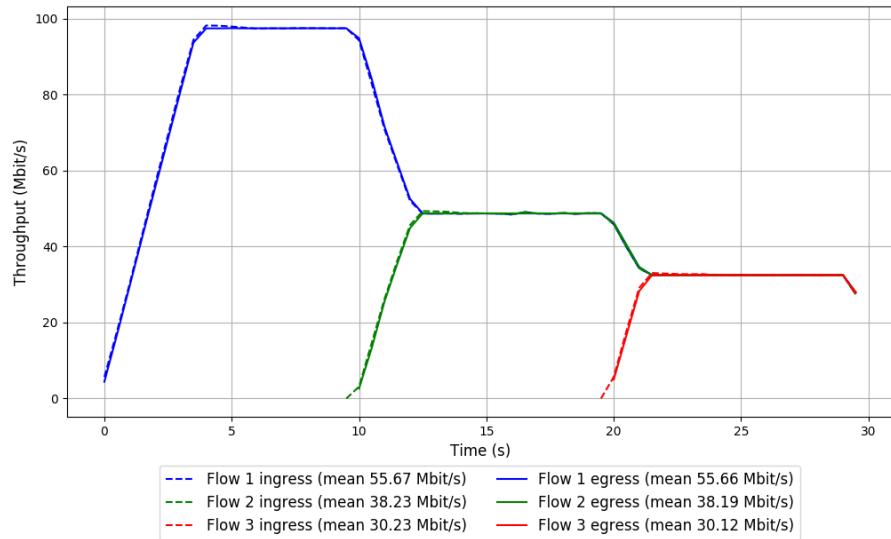


Run 5: Statistics of LEDBAT

```
Start at: 2018-01-26 11:53:11
End at: 2018-01-26 11:53:41
Local clock offset: 4.806 ms
Remote clock offset: -12.699 ms

# Below is generated by plot.py at 2018-01-26 17:11:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.11 Mbit/s
95th percentile per-packet one-way delay: 71.771 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 55.66 Mbit/s
95th percentile per-packet one-way delay: 71.759 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 38.19 Mbit/s
95th percentile per-packet one-way delay: 71.733 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 30.12 Mbit/s
95th percentile per-packet one-way delay: 71.902 ms
Loss rate: 0.69%
```

Run 5: Report of LEDBAT — Data Link

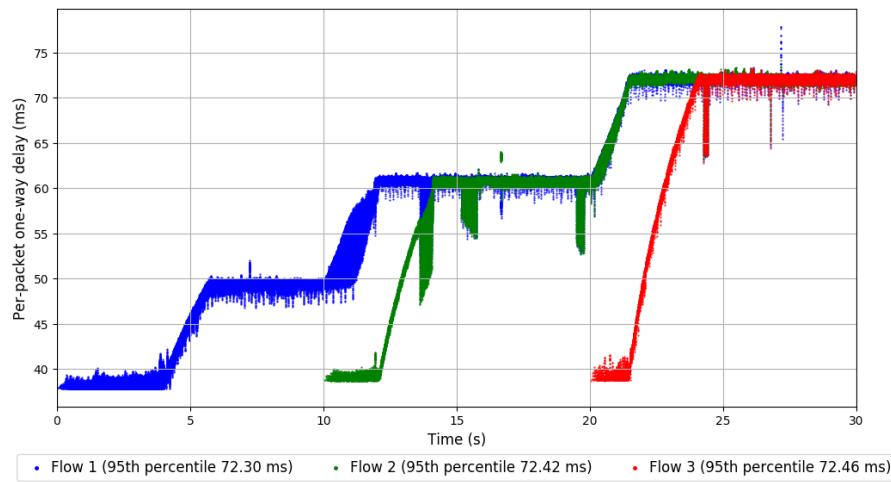
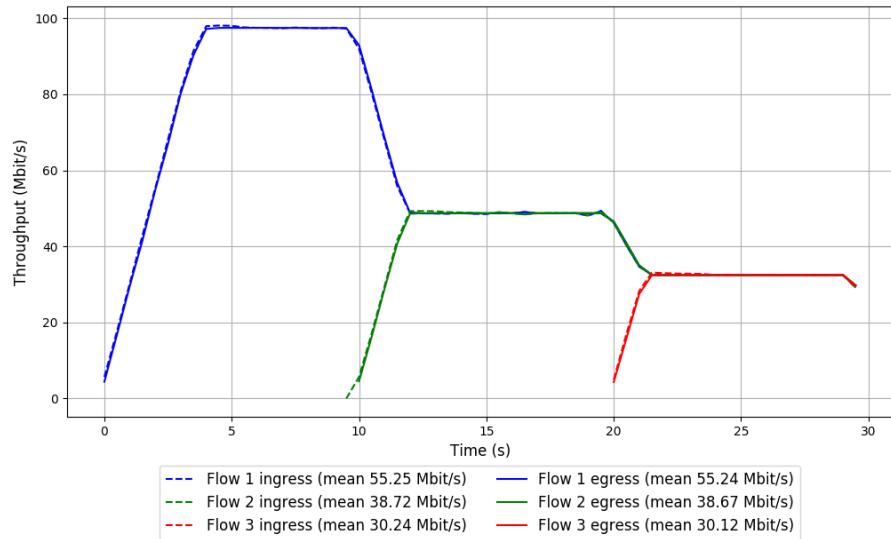


Run 6: Statistics of LEDBAT

```
Start at: 2018-01-26 12:12:18
End at: 2018-01-26 12:12:48
Local clock offset: 4.417 ms
Remote clock offset: -12.815 ms

# Below is generated by plot.py at 2018-01-26 17:11:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.98 Mbit/s
95th percentile per-packet one-way delay: 72.378 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 55.24 Mbit/s
95th percentile per-packet one-way delay: 72.297 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 38.67 Mbit/s
95th percentile per-packet one-way delay: 72.425 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 30.12 Mbit/s
95th percentile per-packet one-way delay: 72.458 ms
Loss rate: 0.69%
```

Run 6: Report of LEDBAT — Data Link

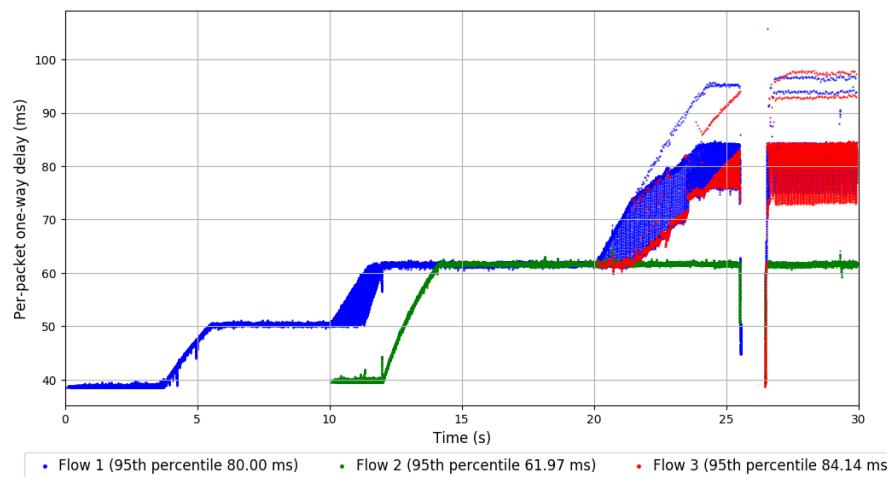
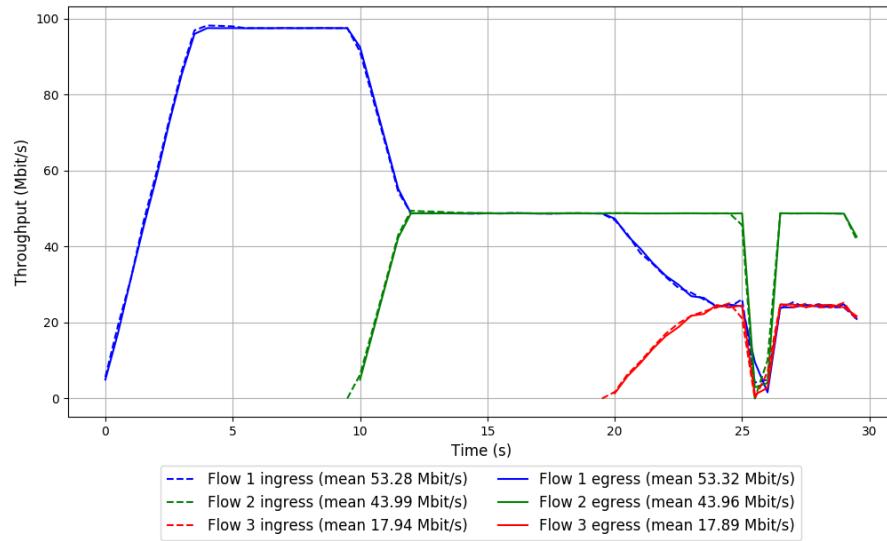


Run 7: Statistics of LEDBAT

```
Start at: 2018-01-26 12:31:43
End at: 2018-01-26 12:32:13
Local clock offset: 3.552 ms
Remote clock offset: -12.807 ms

# Below is generated by plot.py at 2018-01-26 17:11:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.53 Mbit/s
95th percentile per-packet one-way delay: 80.366 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 53.32 Mbit/s
95th percentile per-packet one-way delay: 79.996 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 43.96 Mbit/s
95th percentile per-packet one-way delay: 61.971 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 17.89 Mbit/s
95th percentile per-packet one-way delay: 84.137 ms
Loss rate: 0.93%
```

Run 7: Report of LEDBAT — Data Link

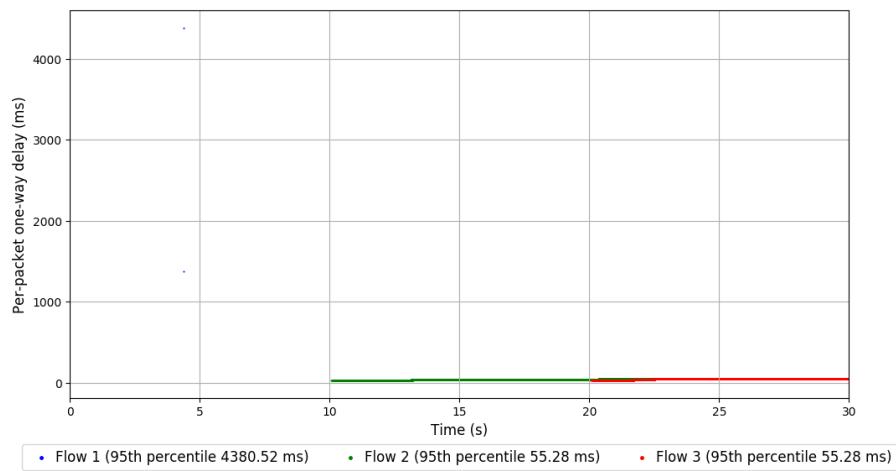
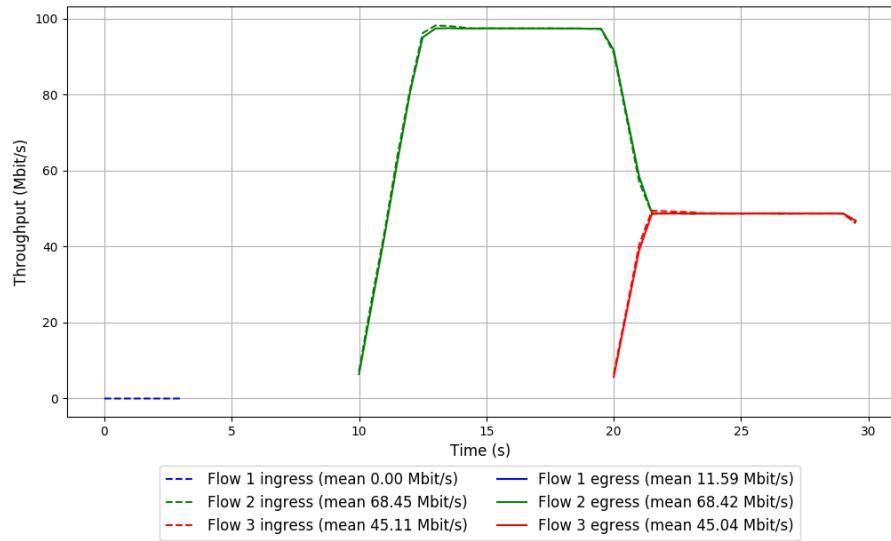


Run 8: Statistics of LEDBAT

```
Start at: 2018-01-26 12:51:29
End at: 2018-01-26 12:51:59
Local clock offset: 2.62 ms
Remote clock offset: -10.859 ms

# Below is generated by plot.py at 2018-01-26 17:11:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 70.73 Mbit/s
95th percentile per-packet one-way delay: 55.282 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 11.59 Mbit/s
95th percentile per-packet one-way delay: 4380.518 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 68.42 Mbit/s
95th percentile per-packet one-way delay: 55.283 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 45.04 Mbit/s
95th percentile per-packet one-way delay: 55.280 ms
Loss rate: 0.52%
```

Run 8: Report of LEDBAT — Data Link

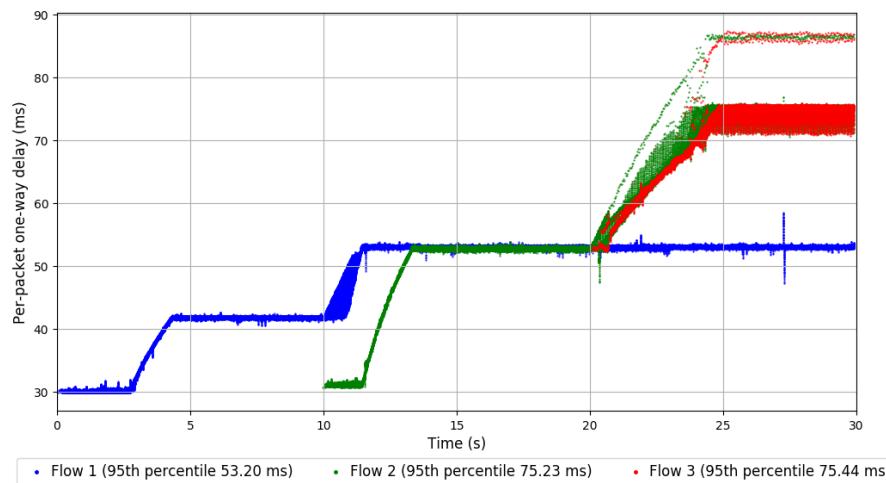
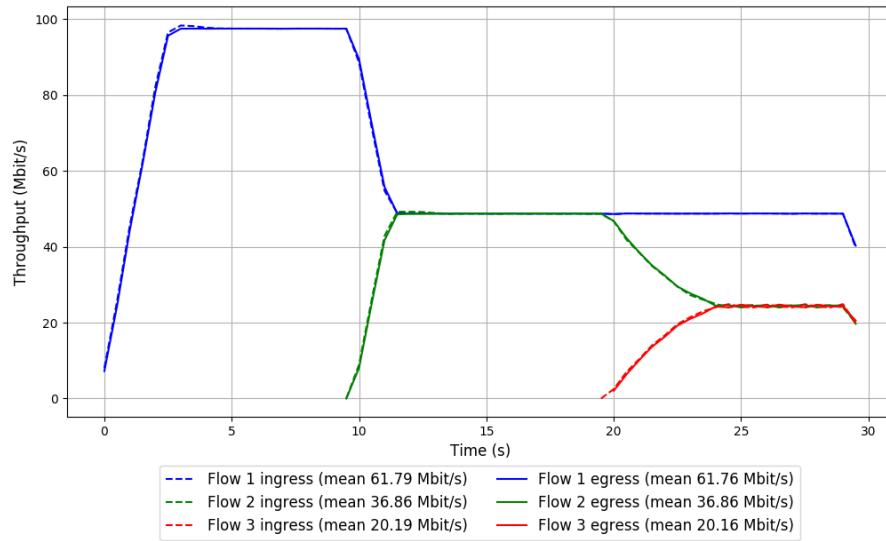


Run 9: Statistics of LEDBAT

```
Start at: 2018-01-26 13:11:06
End at: 2018-01-26 13:11:36
Local clock offset: 1.183 ms
Remote clock offset: -10.141 ms

# Below is generated by plot.py at 2018-01-26 17:12:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.03 Mbit/s
95th percentile per-packet one-way delay: 74.999 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 61.76 Mbit/s
95th percentile per-packet one-way delay: 53.202 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 36.86 Mbit/s
95th percentile per-packet one-way delay: 75.227 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 20.16 Mbit/s
95th percentile per-packet one-way delay: 75.435 ms
Loss rate: 0.82%
```

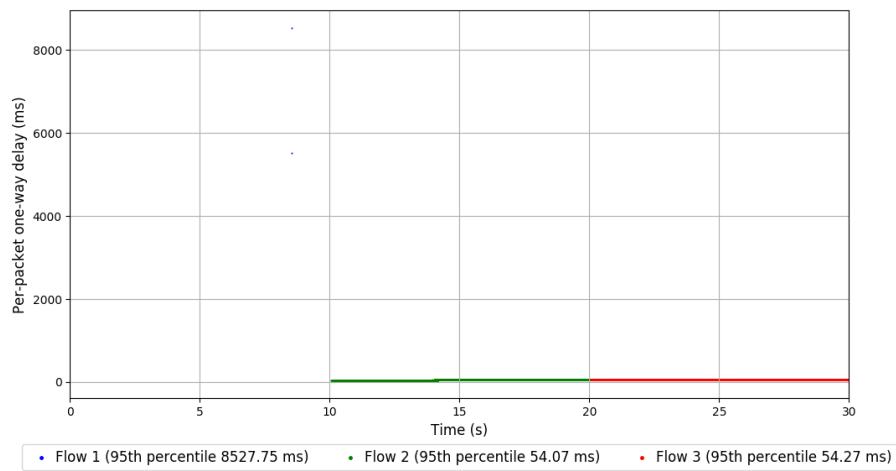
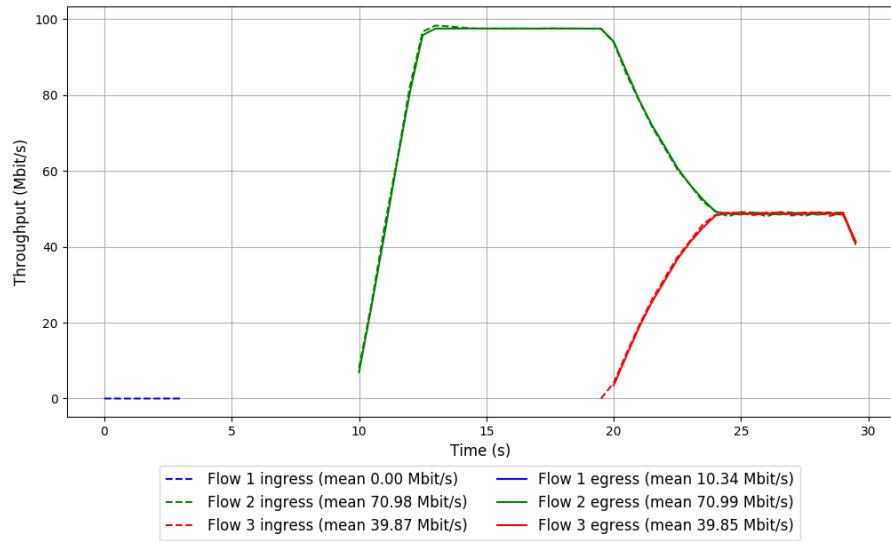
Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2018-01-26 13:30:52
End at: 2018-01-26 13:31:22
Local clock offset: 1.023 ms
Remote clock offset: -12.756 ms

Run 10: Report of LEDBAT — Data Link

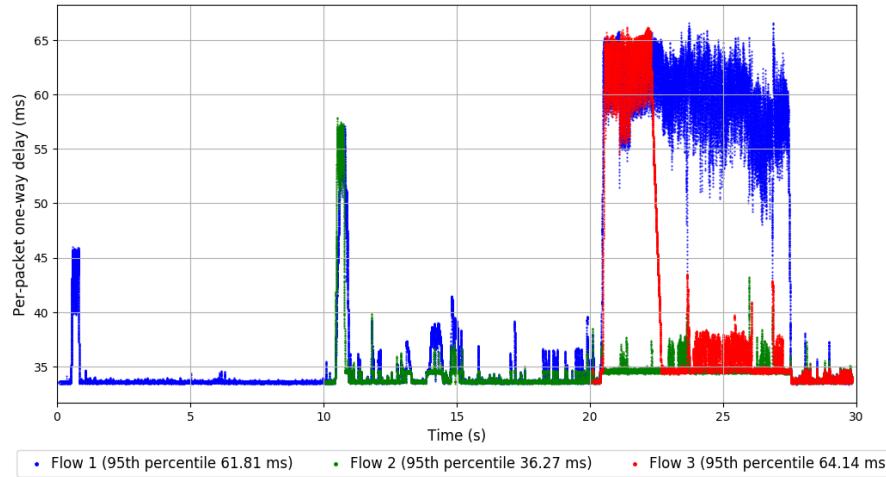
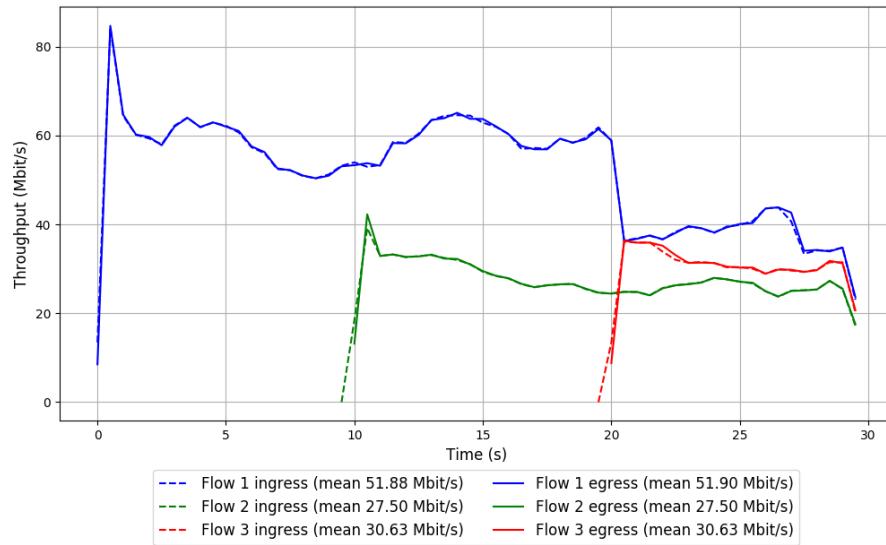


```
Run 1: Statistics of PCC
```

```
Start at: 2018-01-26 10:46:50
End at: 2018-01-26 10:47:20
Local clock offset: 4.726 ms
Remote clock offset: -17.794 ms

# Below is generated by plot.py at 2018-01-26 17:12:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 80.29 Mbit/s
95th percentile per-packet one-way delay: 61.761 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 51.90 Mbit/s
95th percentile per-packet one-way delay: 61.808 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 27.50 Mbit/s
95th percentile per-packet one-way delay: 36.270 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 30.63 Mbit/s
95th percentile per-packet one-way delay: 64.141 ms
Loss rate: 0.26%
```

Run 1: Report of PCC — Data Link

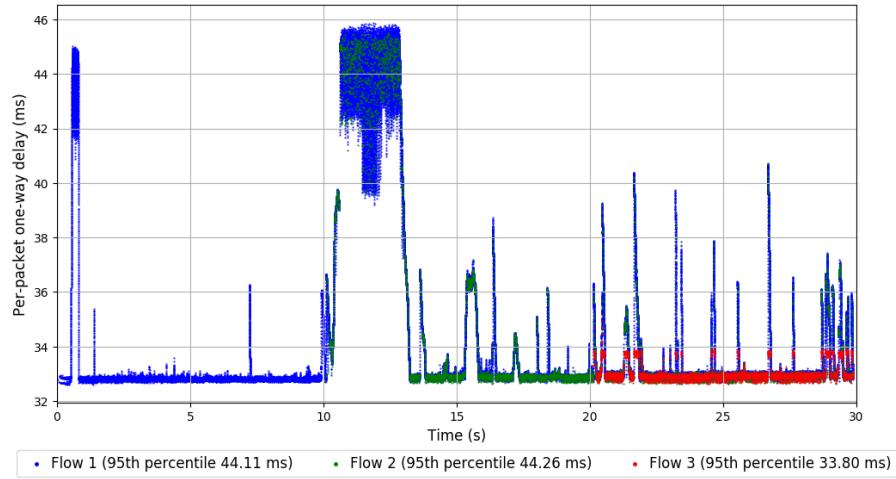
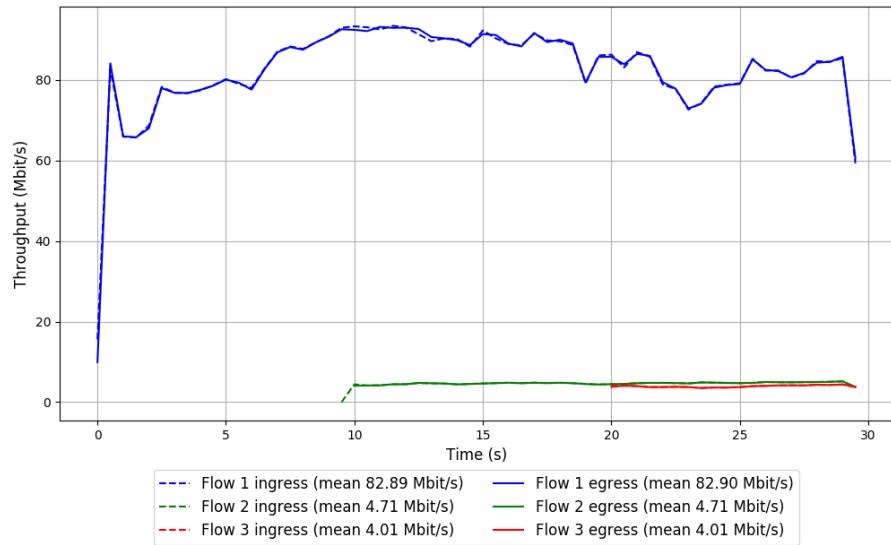


Run 2: Statistics of PCC

```
Start at: 2018-01-26 11:05:38
End at: 2018-01-26 11:06:08
Local clock offset: 3.483 ms
Remote clock offset: -17.0 ms

# Below is generated by plot.py at 2018-01-26 17:12:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.34 Mbit/s
95th percentile per-packet one-way delay: 44.094 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 82.90 Mbit/s
95th percentile per-packet one-way delay: 44.113 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 4.71 Mbit/s
95th percentile per-packet one-way delay: 44.256 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 4.01 Mbit/s
95th percentile per-packet one-way delay: 33.799 ms
Loss rate: 0.32%
```

Run 2: Report of PCC — Data Link

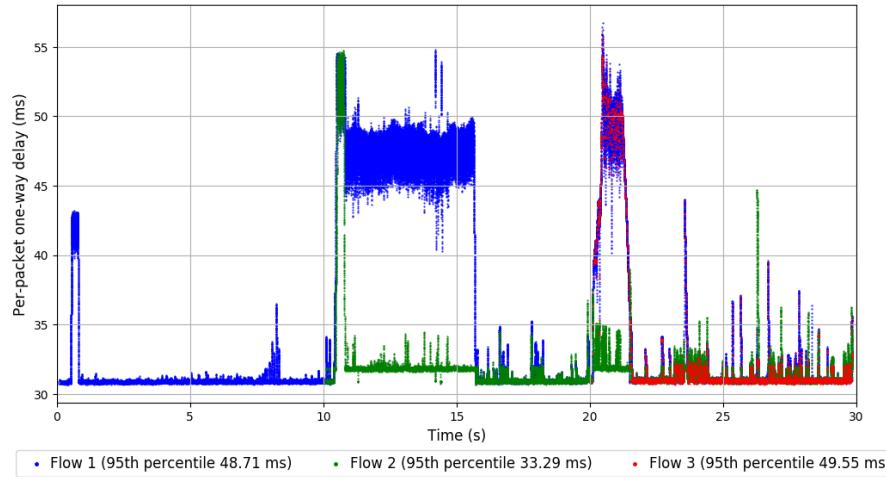
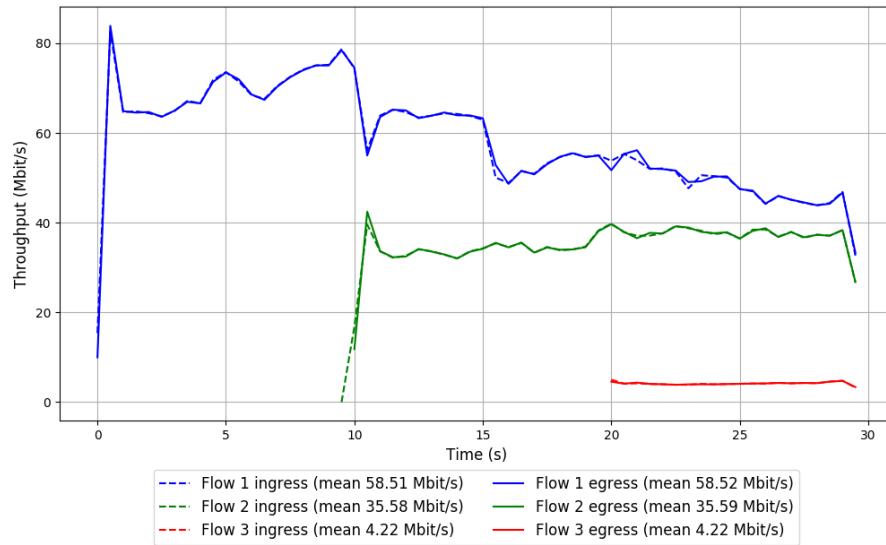


Run 3: Statistics of PCC

```
Start at: 2018-01-26 11:24:33
End at: 2018-01-26 11:25:03
Local clock offset: 1.942 ms
Remote clock offset: -15.502 ms

# Below is generated by plot.py at 2018-01-26 17:12:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.59 Mbit/s
95th percentile per-packet one-way delay: 48.493 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 58.52 Mbit/s
95th percentile per-packet one-way delay: 48.706 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 35.59 Mbit/s
95th percentile per-packet one-way delay: 33.292 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 4.22 Mbit/s
95th percentile per-packet one-way delay: 49.550 ms
Loss rate: 0.26%
```

Run 3: Report of PCC — Data Link

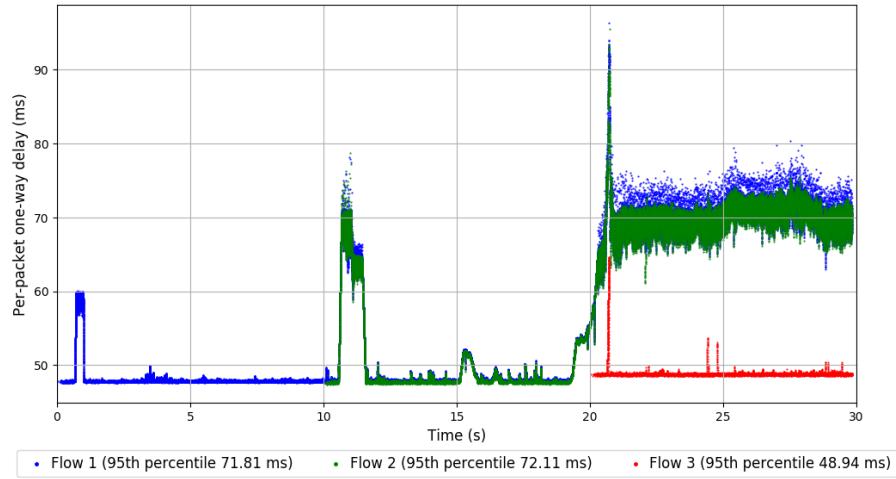
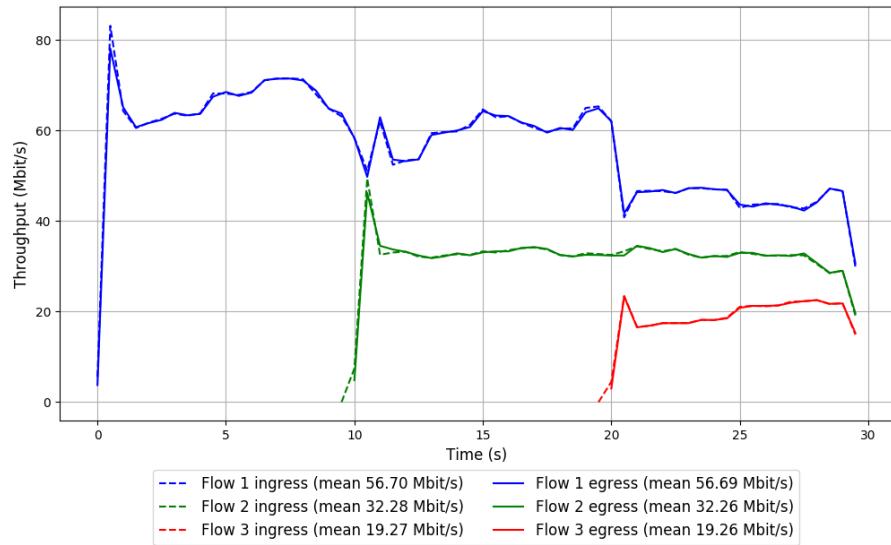


Run 4: Statistics of PCC

```
Start at: 2018-01-26 11:43:31
End at: 2018-01-26 11:44:01
Local clock offset: 2.081 ms
Remote clock offset: -15.288 ms

# Below is generated by plot.py at 2018-01-26 17:12:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.49 Mbit/s
95th percentile per-packet one-way delay: 71.822 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 56.69 Mbit/s
95th percentile per-packet one-way delay: 71.808 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 32.26 Mbit/s
95th percentile per-packet one-way delay: 72.108 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 19.26 Mbit/s
95th percentile per-packet one-way delay: 48.943 ms
Loss rate: 0.49%
```

Run 4: Report of PCC — Data Link

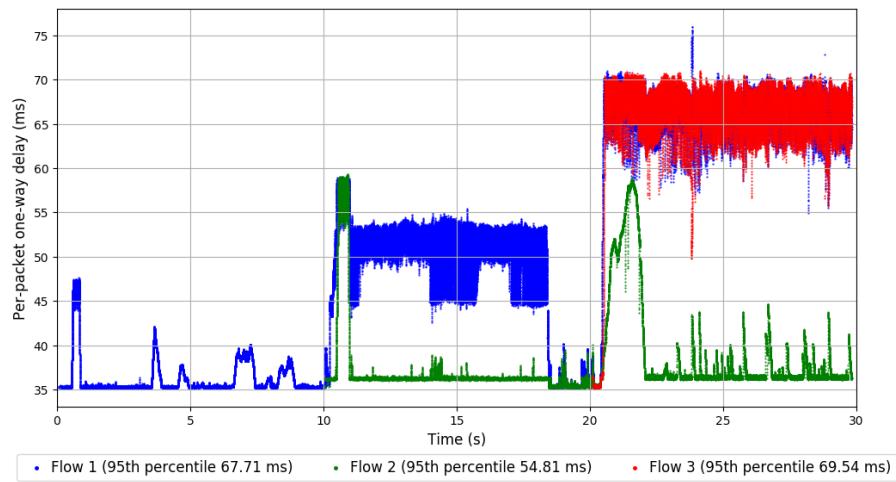
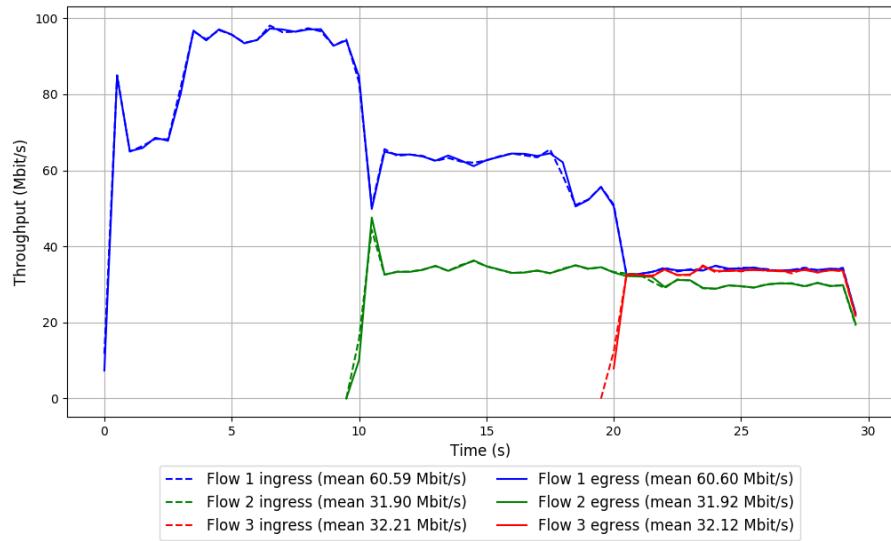


Run 5: Statistics of PCC

```
Start at: 2018-01-26 12:02:38
End at: 2018-01-26 12:03:08
Local clock offset: 2.119 ms
Remote clock offset: -12.818 ms

# Below is generated by plot.py at 2018-01-26 17:13:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.43 Mbit/s
95th percentile per-packet one-way delay: 68.168 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 60.60 Mbit/s
95th percentile per-packet one-way delay: 67.708 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 31.92 Mbit/s
95th percentile per-packet one-way delay: 54.810 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 32.12 Mbit/s
95th percentile per-packet one-way delay: 69.539 ms
Loss rate: 0.64%
```

Run 5: Report of PCC — Data Link

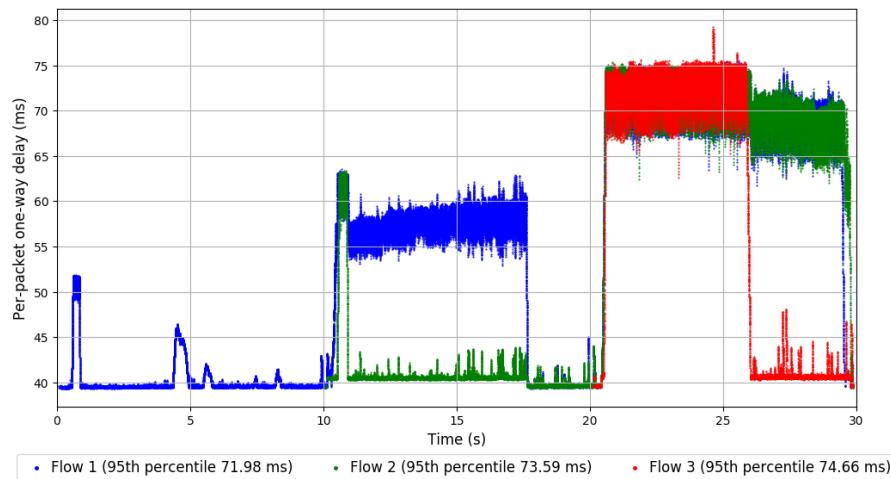
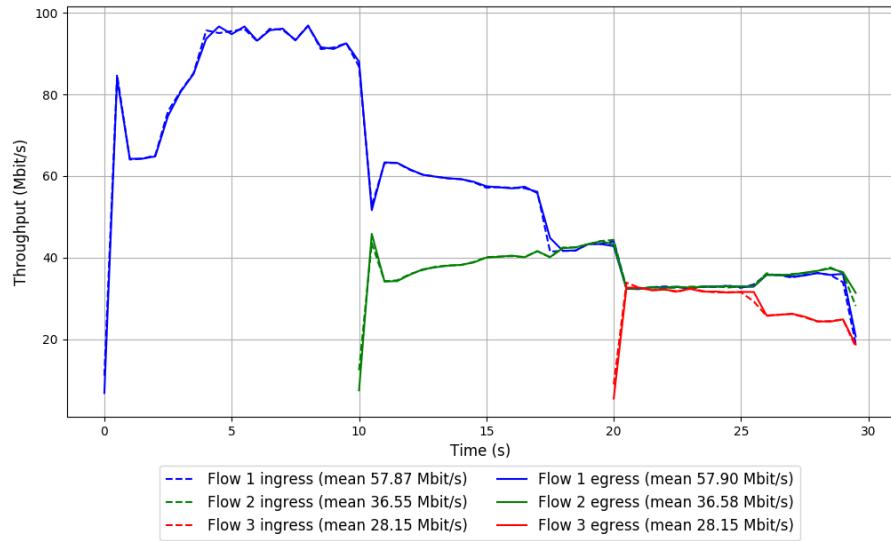


Run 6: Statistics of PCC

```
Start at: 2018-01-26 12:21:47
End at: 2018-01-26 12:22:17
Local clock offset: 3.902 ms
Remote clock offset: -13.932 ms

# Below is generated by plot.py at 2018-01-26 17:13:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.49 Mbit/s
95th percentile per-packet one-way delay: 73.410 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 57.90 Mbit/s
95th percentile per-packet one-way delay: 71.982 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 36.58 Mbit/s
95th percentile per-packet one-way delay: 73.588 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 28.15 Mbit/s
95th percentile per-packet one-way delay: 74.663 ms
Loss rate: 0.26%
```

Run 6: Report of PCC — Data Link

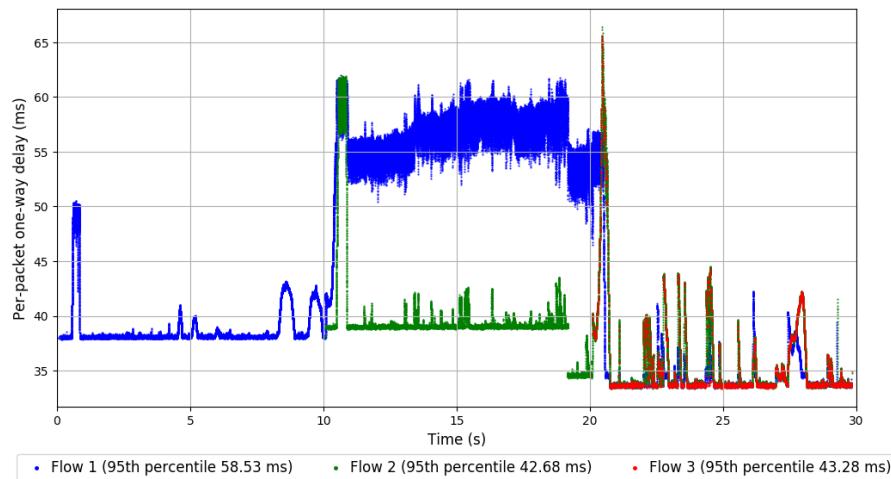
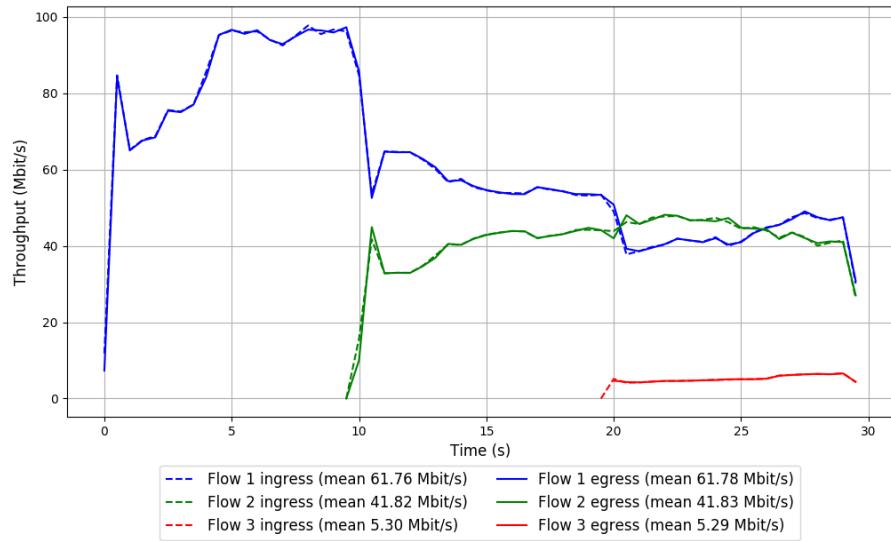


Run 7: Statistics of PCC

```
Start at: 2018-01-26 12:41:22
End at: 2018-01-26 12:41:52
Local clock offset: 4.865 ms
Remote clock offset: -10.796 ms

# Below is generated by plot.py at 2018-01-26 17:13:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.37 Mbit/s
95th percentile per-packet one-way delay: 58.204 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 61.78 Mbit/s
95th percentile per-packet one-way delay: 58.530 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 41.83 Mbit/s
95th percentile per-packet one-way delay: 42.678 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 5.29 Mbit/s
95th percentile per-packet one-way delay: 43.282 ms
Loss rate: 0.33%
```

Run 7: Report of PCC — Data Link

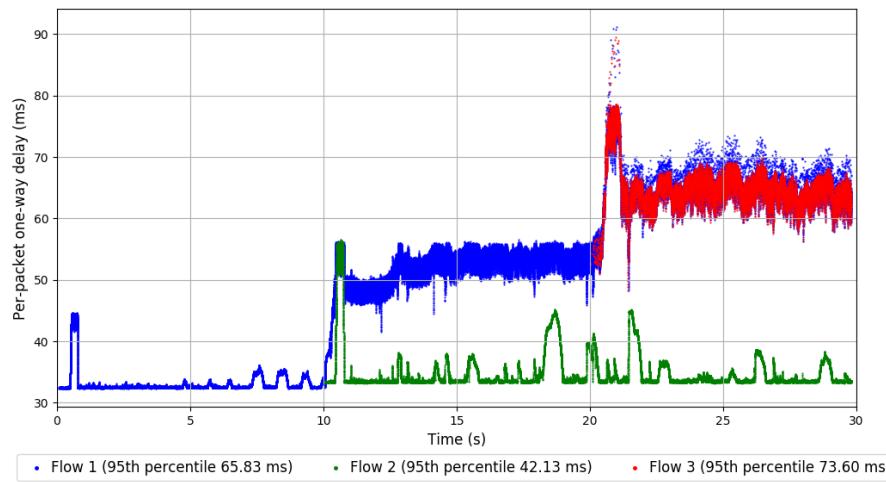
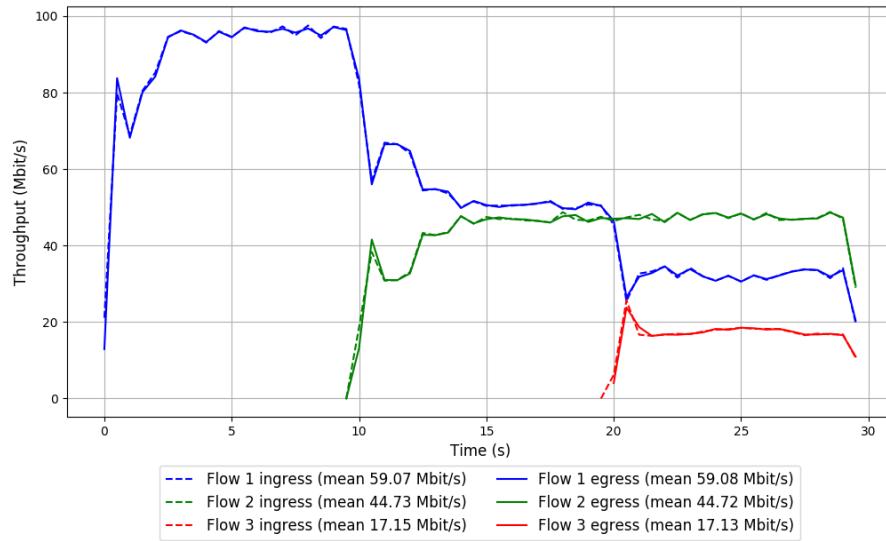


Run 8: Statistics of PCC

```
Start at: 2018-01-26 13:01:06
End at: 2018-01-26 13:01:36
Local clock offset: 2.63 ms
Remote clock offset: -11.044 ms

# Below is generated by plot.py at 2018-01-26 17:13:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.47 Mbit/s
95th percentile per-packet one-way delay: 65.763 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 59.08 Mbit/s
95th percentile per-packet one-way delay: 65.829 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 44.72 Mbit/s
95th percentile per-packet one-way delay: 42.131 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 17.13 Mbit/s
95th percentile per-packet one-way delay: 73.602 ms
Loss rate: 0.60%
```

Run 8: Report of PCC — Data Link

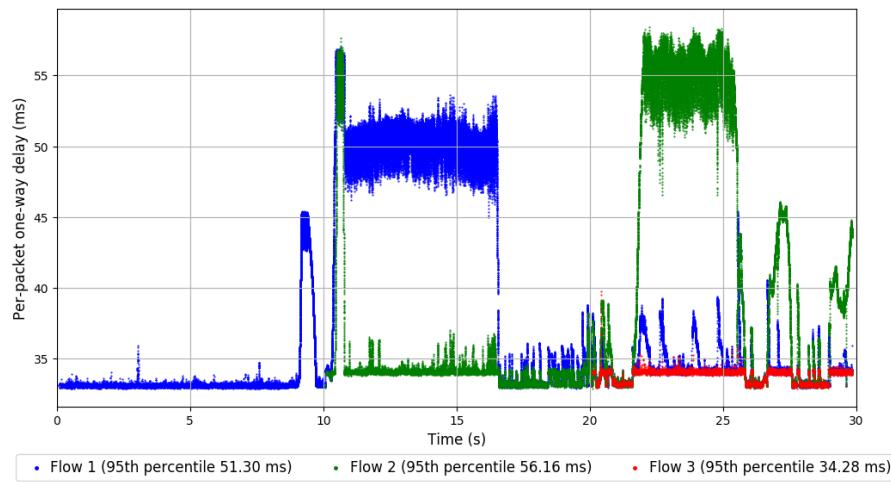
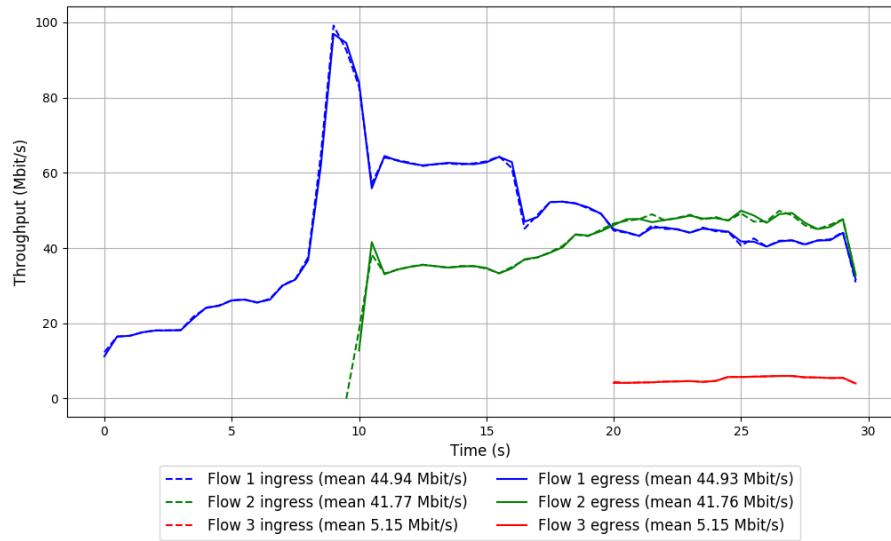


Run 9: Statistics of PCC

```
Start at: 2018-01-26 13:20:40
End at: 2018-01-26 13:21:10
Local clock offset: 3.421 ms
Remote clock offset: -12.195 ms

# Below is generated by plot.py at 2018-01-26 17:13:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 74.41 Mbit/s
95th percentile per-packet one-way delay: 54.690 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 44.93 Mbit/s
95th percentile per-packet one-way delay: 51.304 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 41.76 Mbit/s
95th percentile per-packet one-way delay: 56.158 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 5.15 Mbit/s
95th percentile per-packet one-way delay: 34.285 ms
Loss rate: 0.31%
```

Run 9: Report of PCC — Data Link

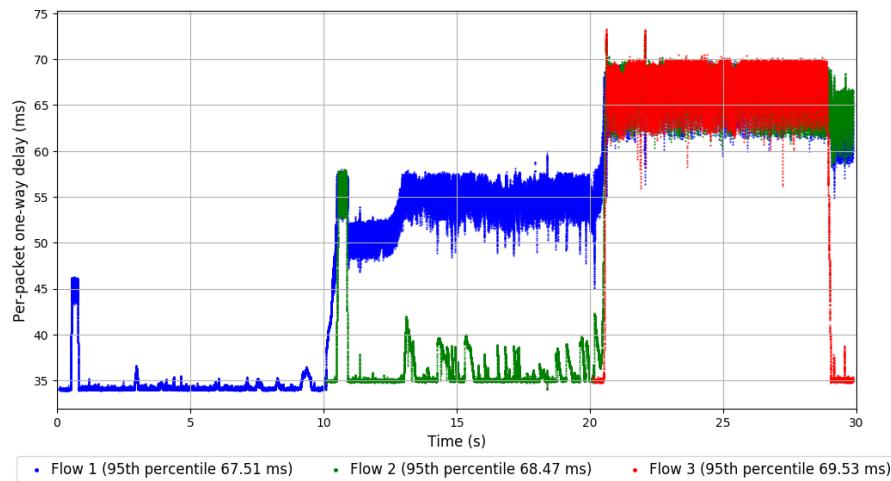
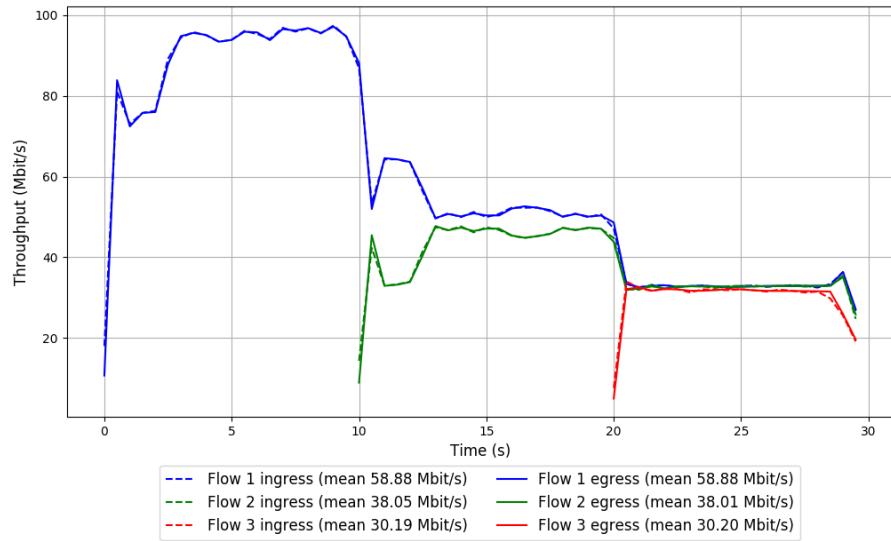


Run 10: Statistics of PCC

```
Start at: 2018-01-26 13:40:34
End at: 2018-01-26 13:41:04
Local clock offset: 4.09 ms
Remote clock offset: -13.138 ms

# Below is generated by plot.py at 2018-01-26 17:13:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.07 Mbit/s
95th percentile per-packet one-way delay: 68.418 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 58.88 Mbit/s
95th percentile per-packet one-way delay: 67.512 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 38.01 Mbit/s
95th percentile per-packet one-way delay: 68.473 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 30.20 Mbit/s
95th percentile per-packet one-way delay: 69.532 ms
Loss rate: 0.24%
```

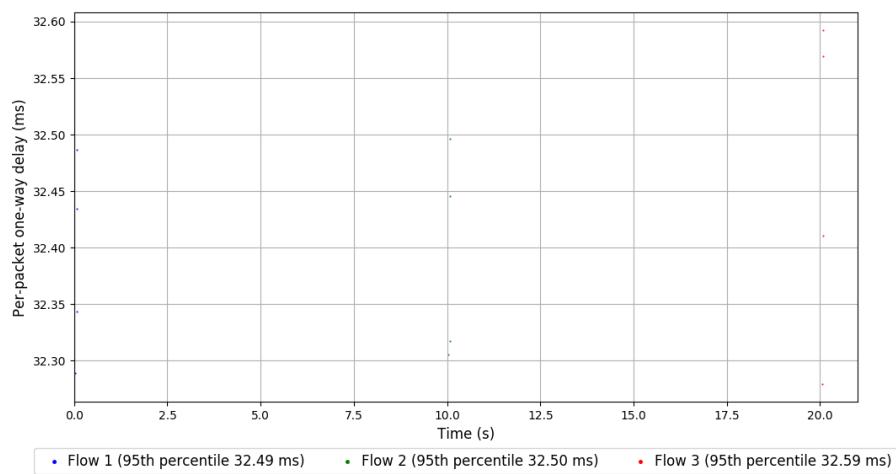
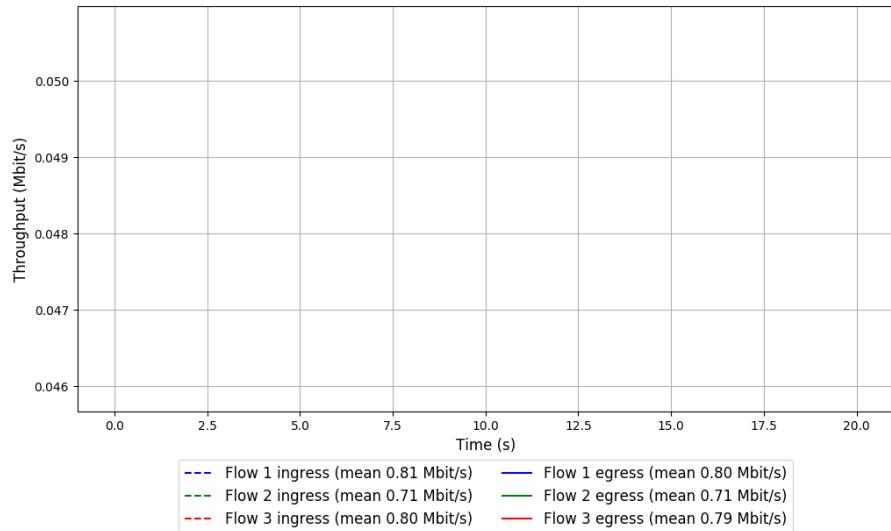
Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-01-26 10:44:39
End at: 2018-01-26 10:45:09
Local clock offset: 3.996 ms
Remote clock offset: -17.345 ms

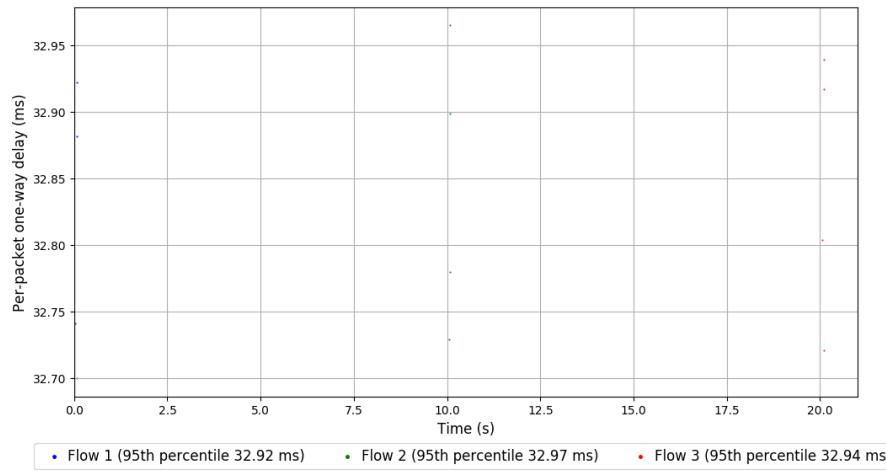
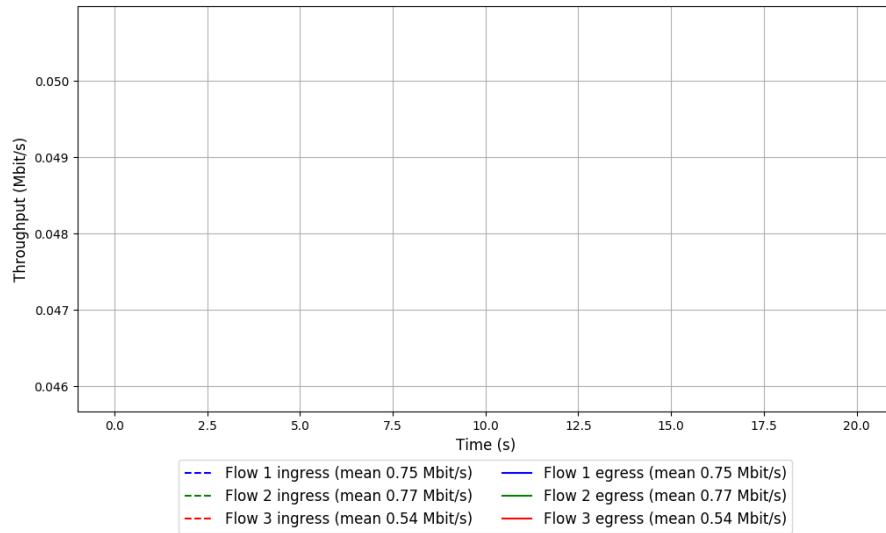
Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-01-26 11:03:26
End at: 2018-01-26 11:03:56
Local clock offset: 4.371 ms
Remote clock offset: -16.338 ms

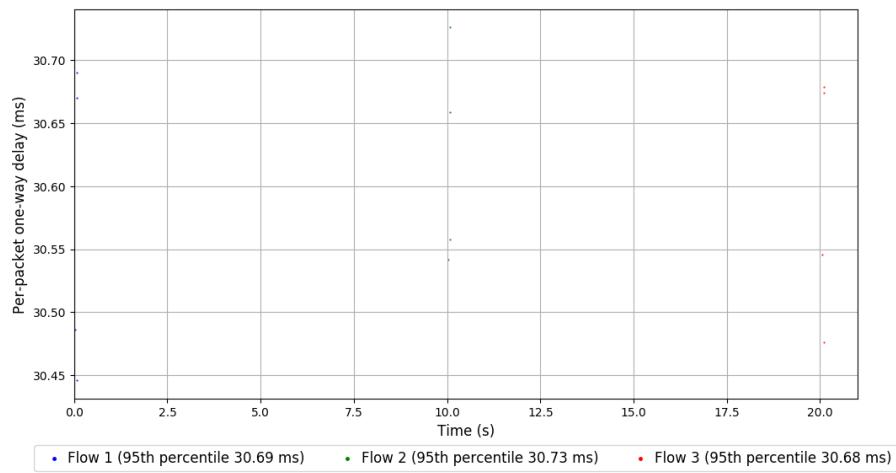
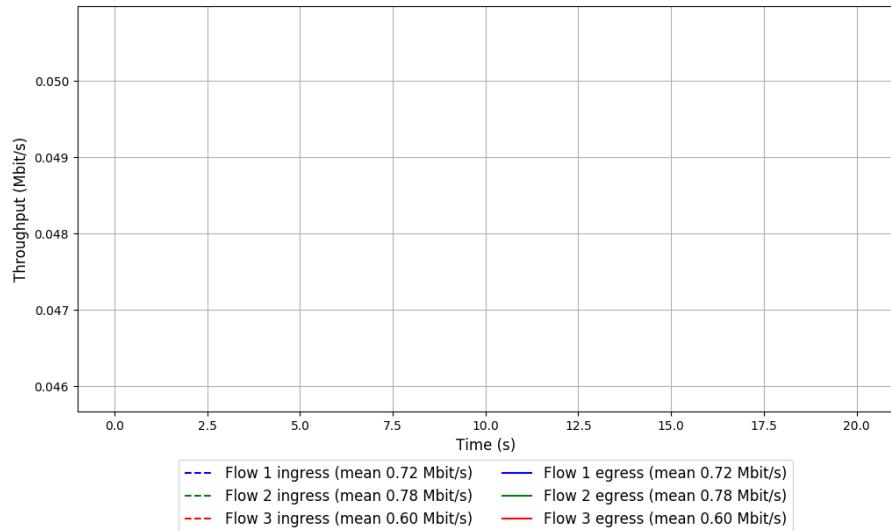
Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-01-26 11:22:22
End at: 2018-01-26 11:22:52
Local clock offset: 1.757 ms
Remote clock offset: -15.607 ms

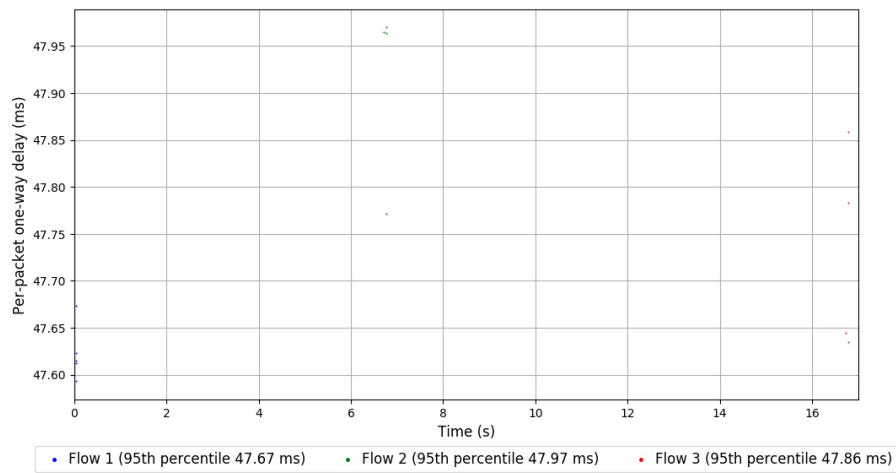
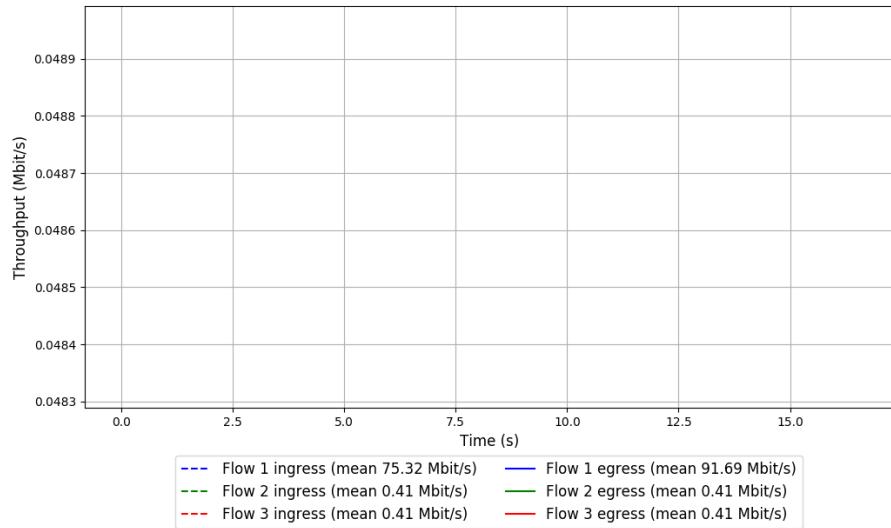
Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-01-26 11:41:18
End at: 2018-01-26 11:41:48
Local clock offset: 4.472 ms
Remote clock offset: -13.076 ms

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

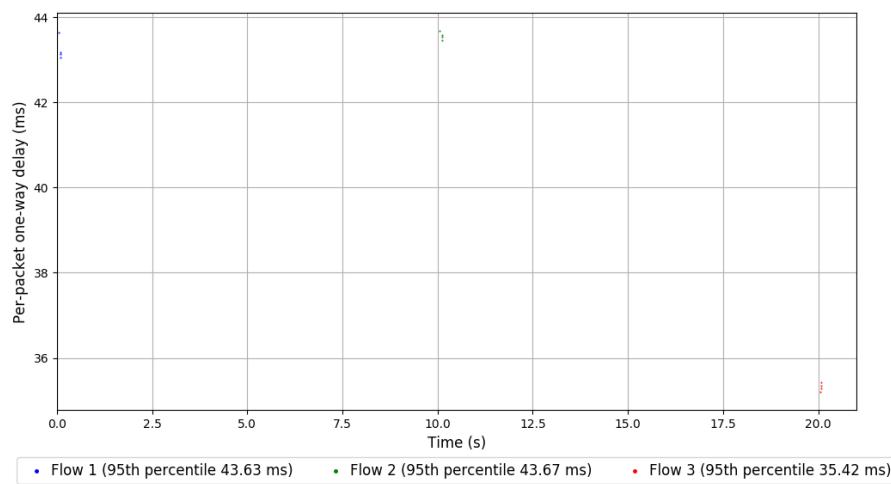
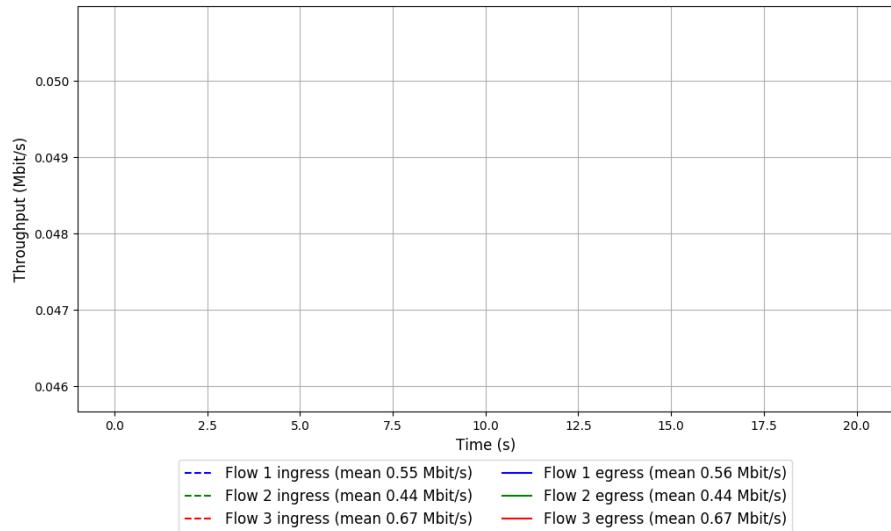
Start at: 2018-01-26 12:00:26

End at: 2018-01-26 12:00:56

Local clock offset: 3.37 ms

Remote clock offset: -11.692 ms

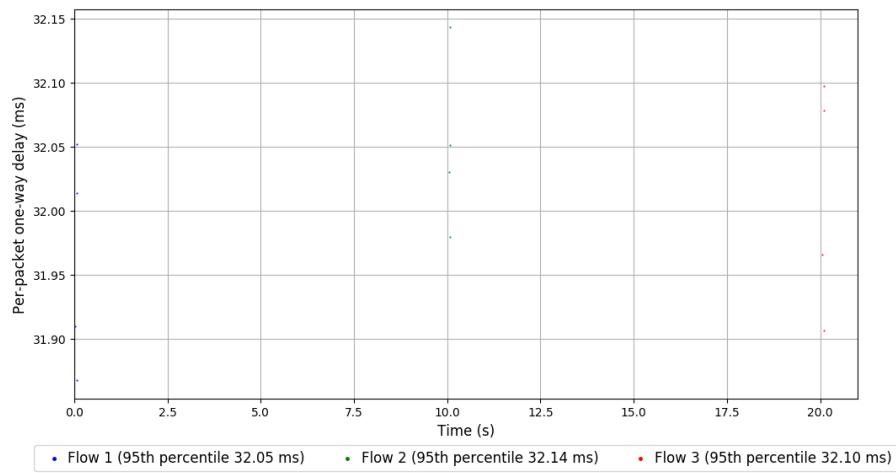
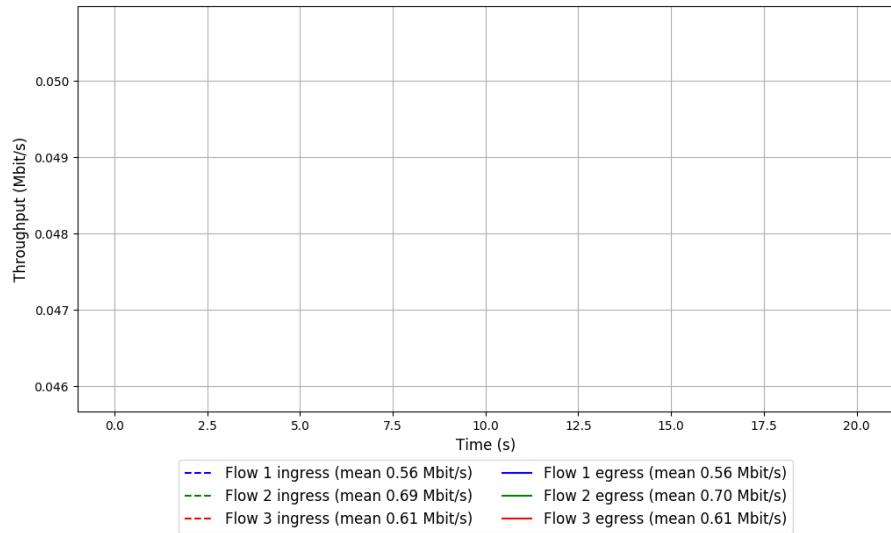
Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-01-26 12:19:36
End at: 2018-01-26 12:20:06
Local clock offset: 0.089 ms
Remote clock offset: -10.607 ms

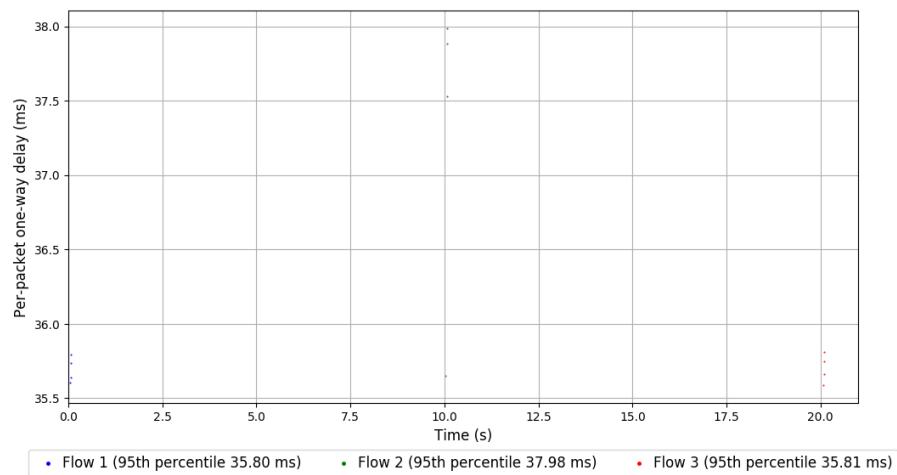
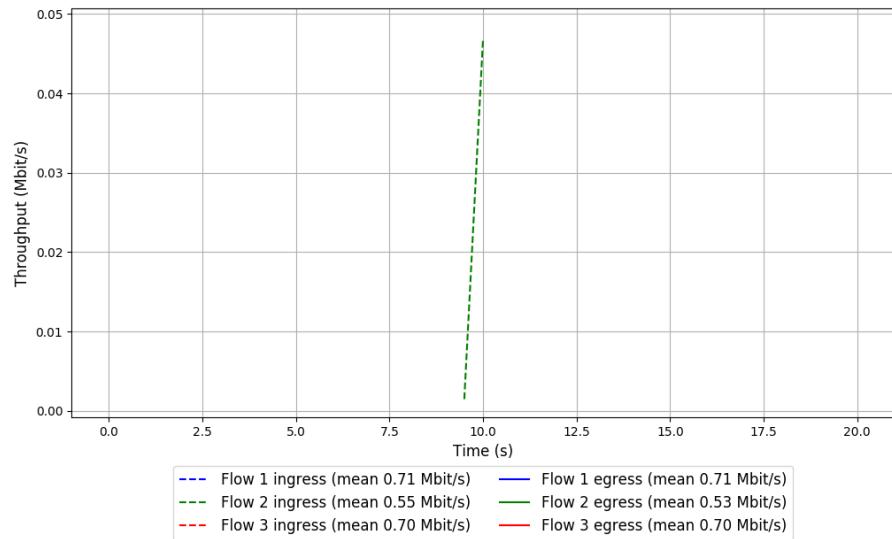
Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-01-26 12:39:11
End at: 2018-01-26 12:39:41
Local clock offset: 1.652 ms
Remote clock offset: -11.732 ms

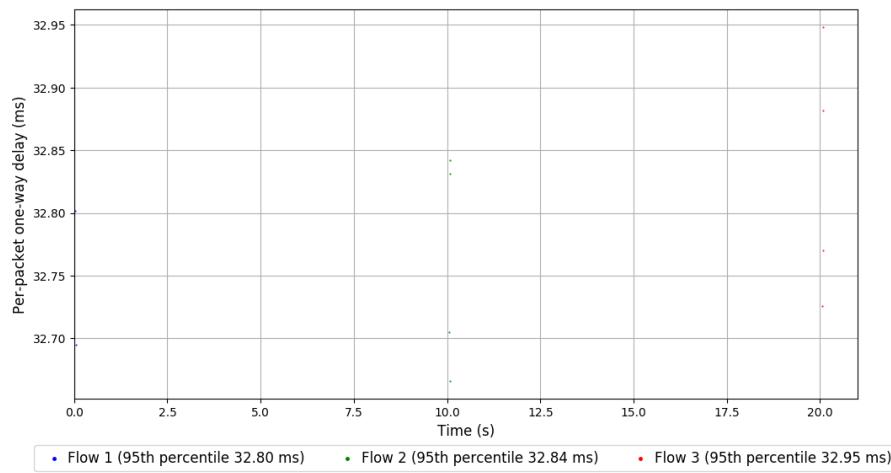
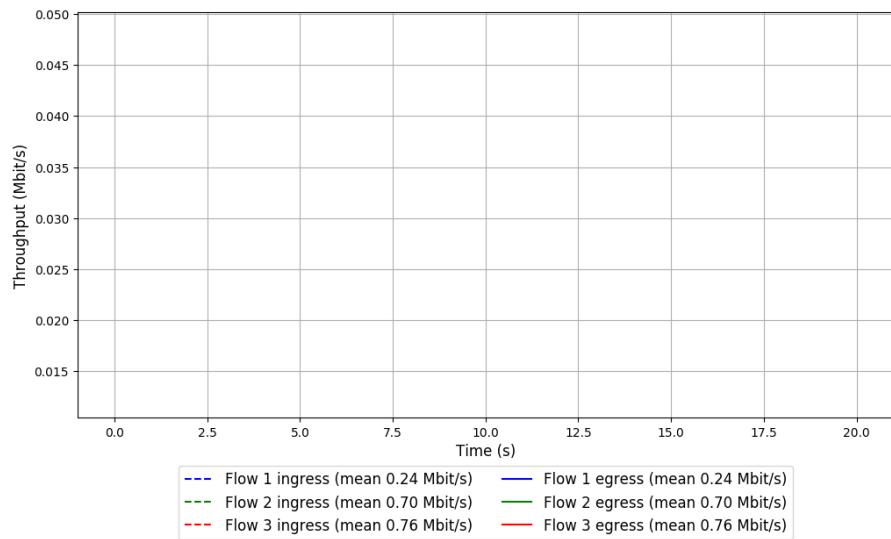
Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-01-26 12:58:55
End at: 2018-01-26 12:59:25
Local clock offset: 1.568 ms
Remote clock offset: -12.475 ms

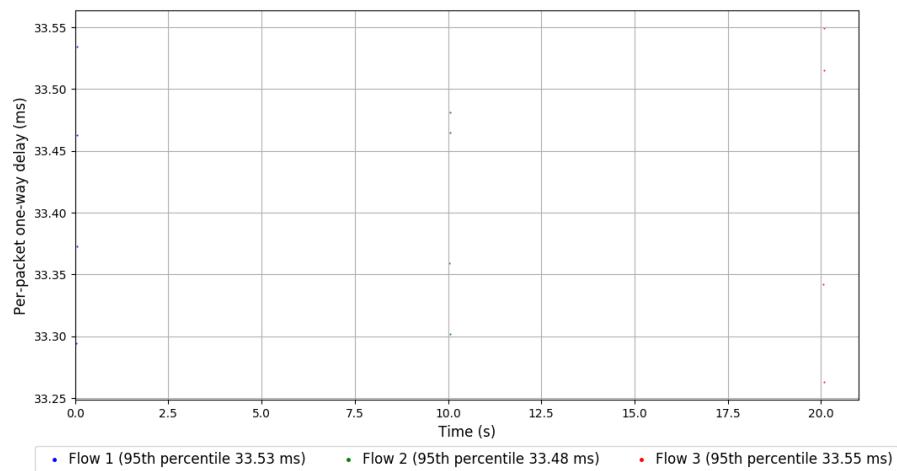
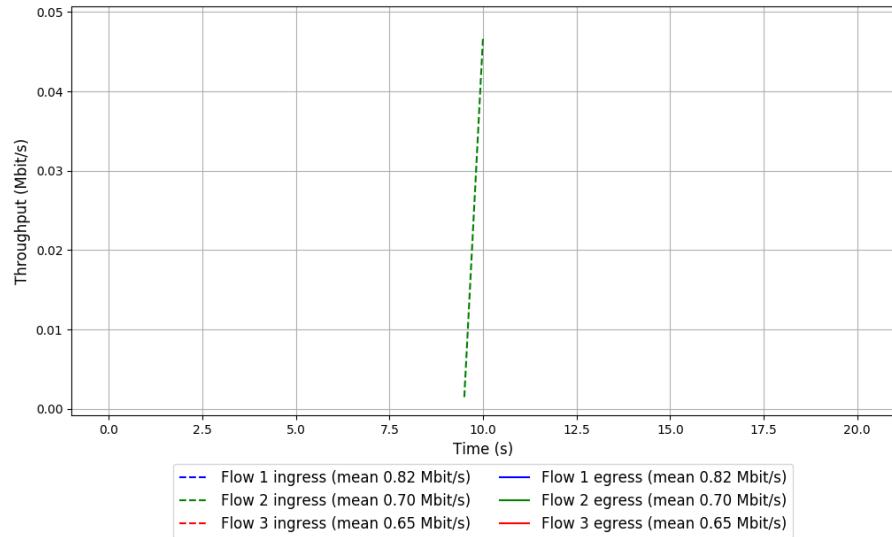
Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-01-26 13:18:29
End at: 2018-01-26 13:18:59
Local clock offset: 4.483 ms
Remote clock offset: -11.229 ms

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

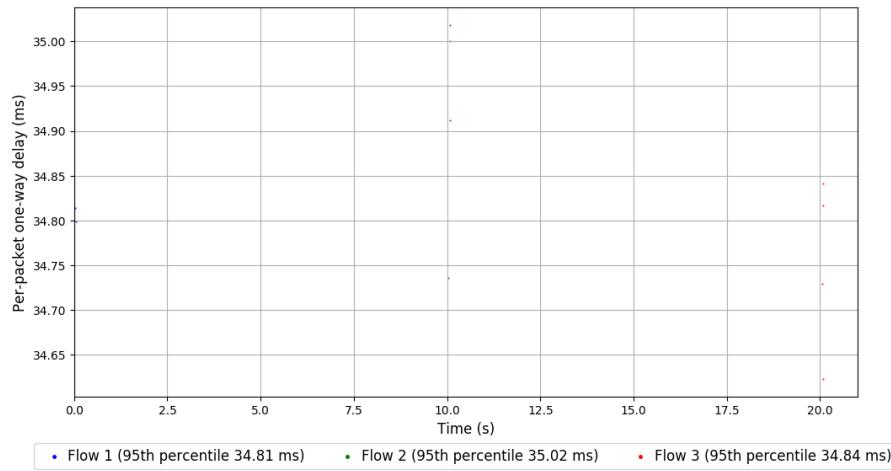
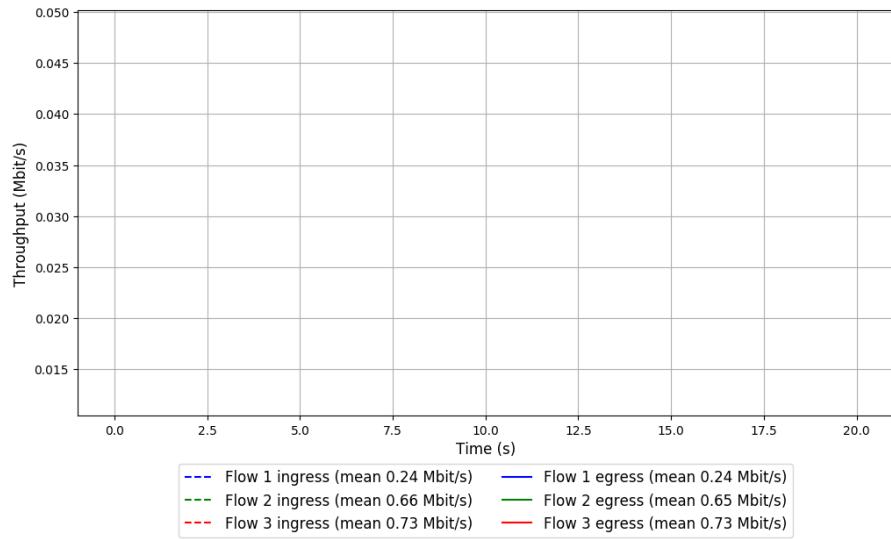
Start at: 2018-01-26 13:38:23

End at: 2018-01-26 13:38:53

Local clock offset: 3.255 ms

Remote clock offset: -14.5 ms

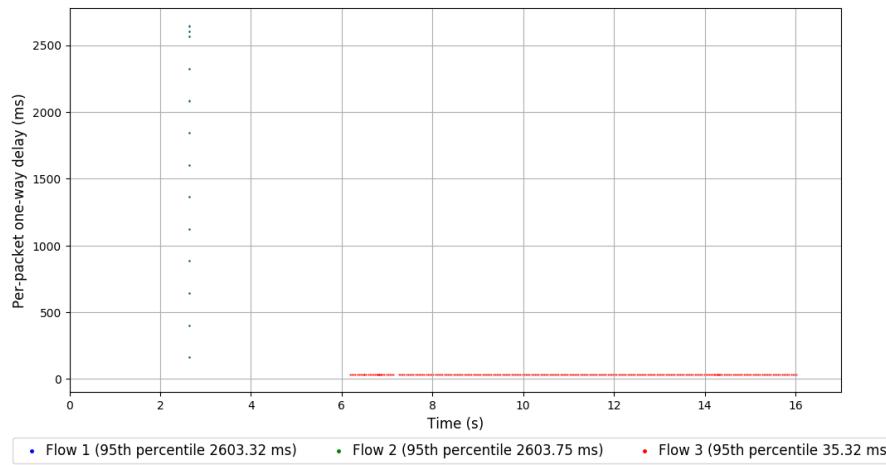
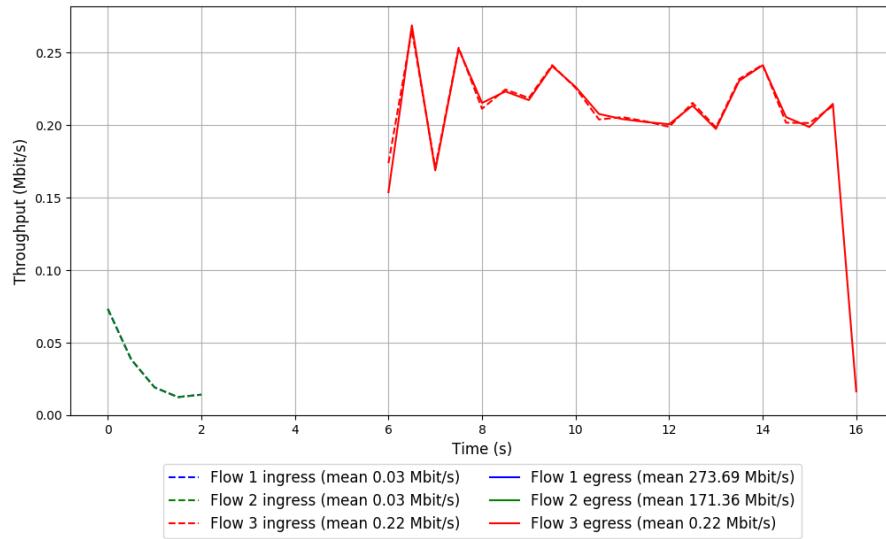
Run 10: Report of QUIC Cubic — Data Link



Run 1: Statistics of SCReAM

Start at: 2018-01-26 10:50:27
End at: 2018-01-26 10:50:57
Local clock offset: 4.326 ms
Remote clock offset: -19.953 ms

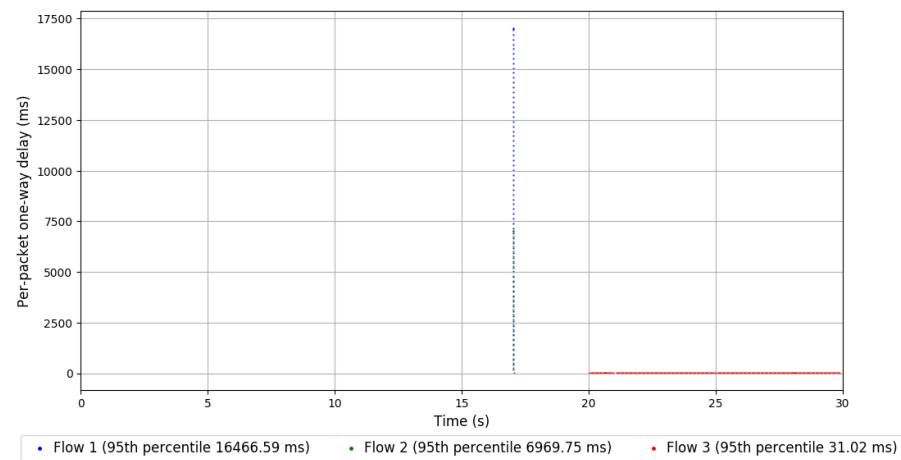
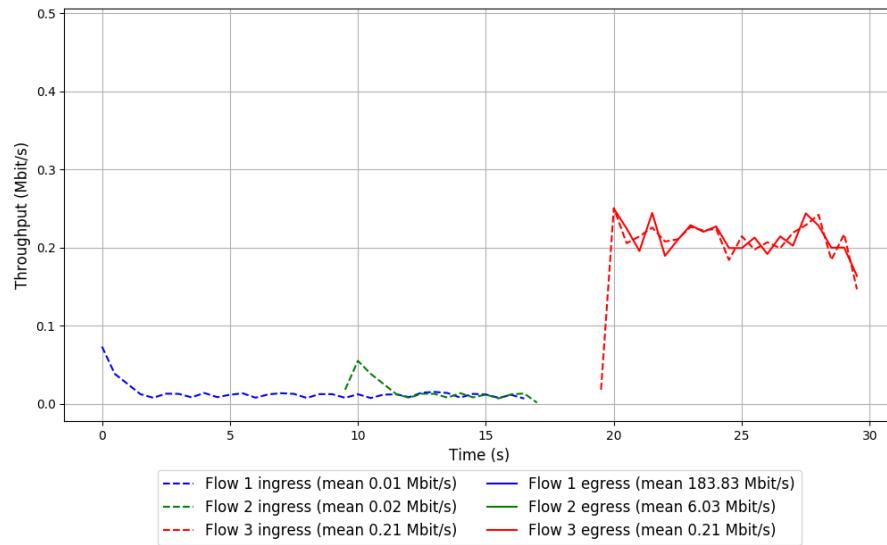
Run 1: Report of SCReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2018-01-26 11:09:13
End at: 2018-01-26 11:09:43
Local clock offset: 2.386 ms
Remote clock offset: -15.956 ms

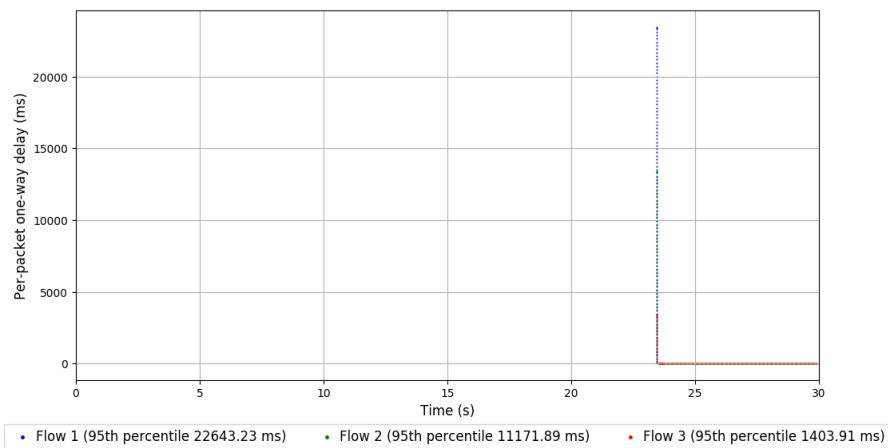
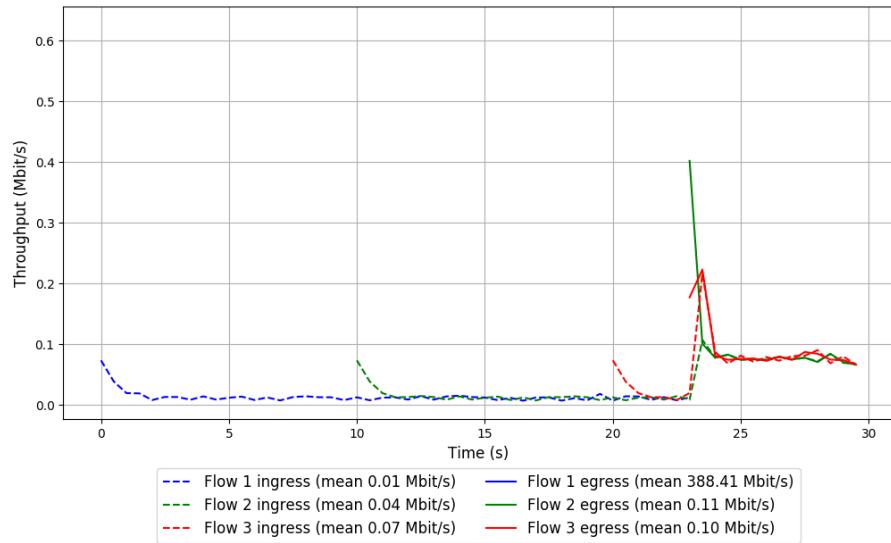
Run 2: Report of SCReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2018-01-26 11:28:05
End at: 2018-01-26 11:28:35
Local clock offset: 1.931 ms
Remote clock offset: -14.427 ms

Run 3: Report of SCReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2018-01-26 11:47:15
End at: 2018-01-26 11:47:45
Local clock offset: 1.386 ms
Remote clock offset: -14.384 ms

Run 4: Report of SCReAM — Data Link

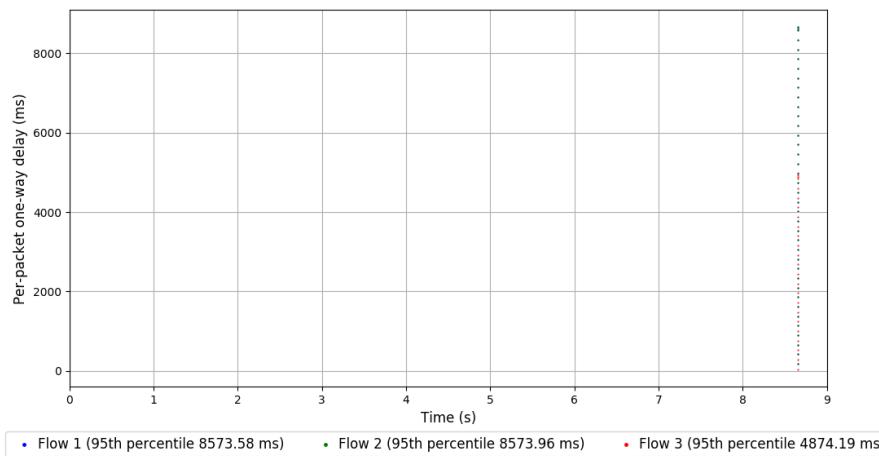
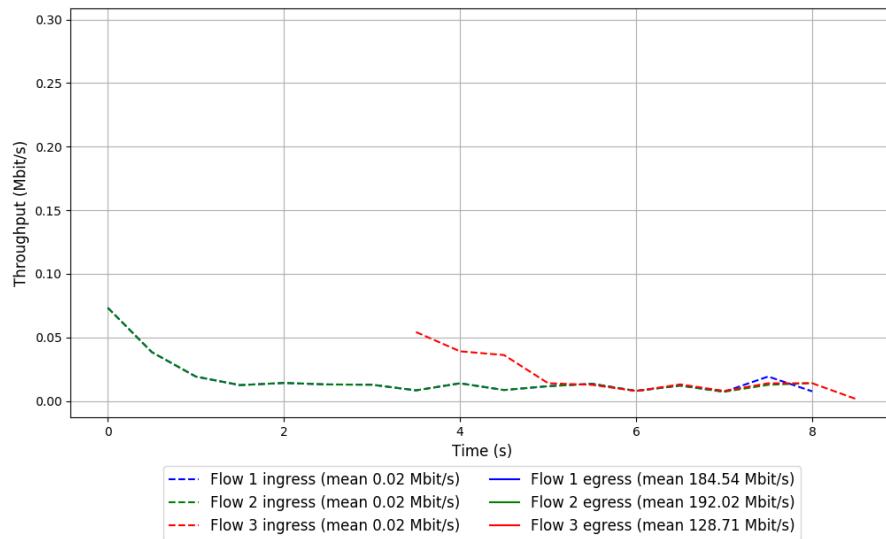
Figure is missing

Figure is missing

Run 5: Statistics of SCReAM

Start at: 2018-01-26 12:06:17
End at: 2018-01-26 12:06:47
Local clock offset: 1.648 ms
Remote clock offset: -12.681 ms

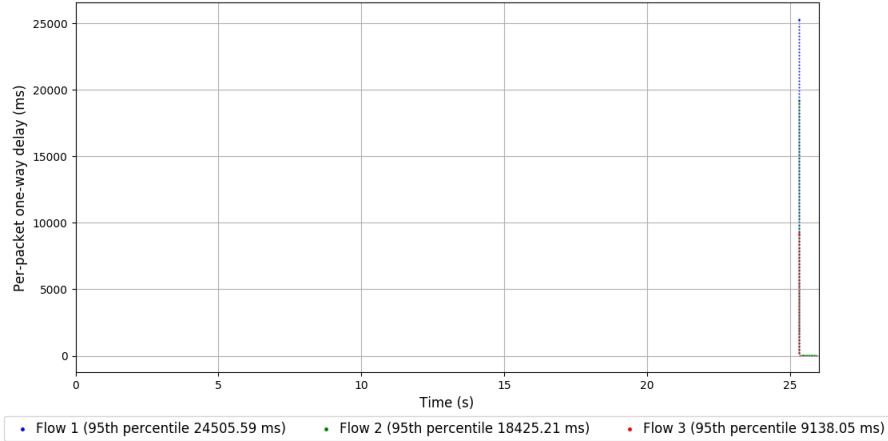
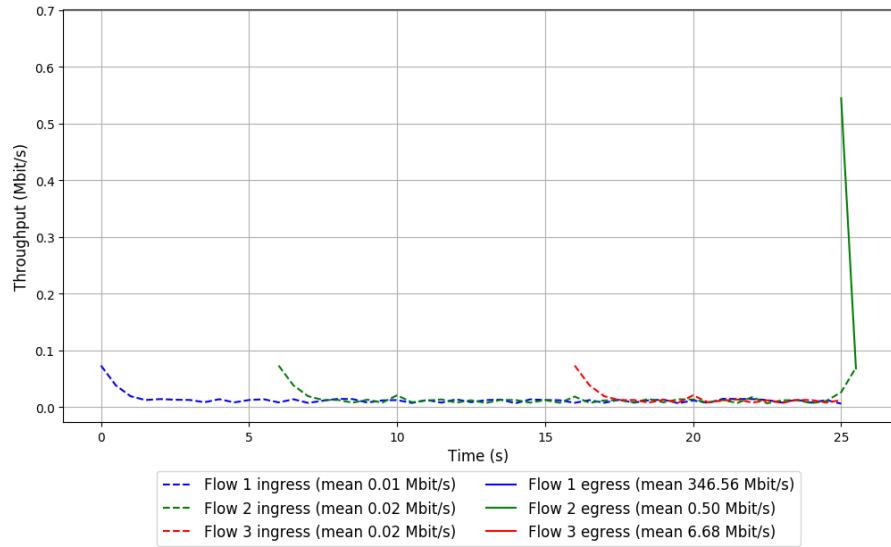
Run 5: Report of SCReAM — Data Link



Run 6: Statistics of SCReAM

Start at: 2018-01-26 12:25:34
End at: 2018-01-26 12:26:04
Local clock offset: 4.419 ms
Remote clock offset: -14.596 ms

Run 6: Report of SCReAM — Data Link

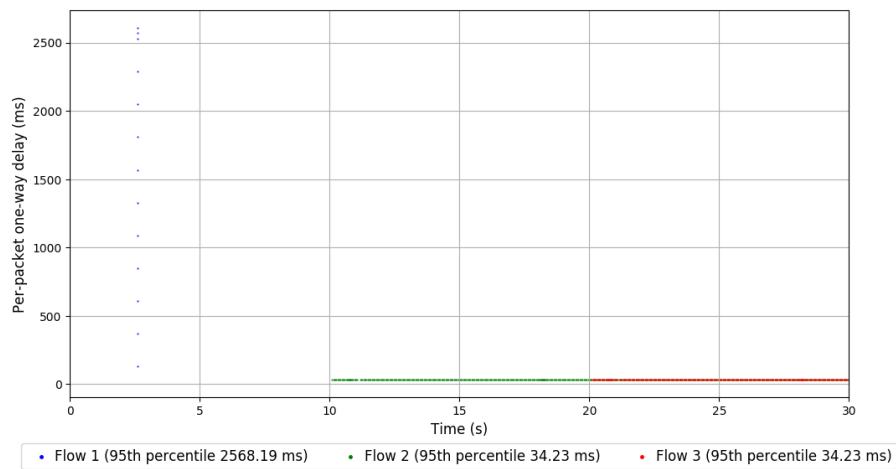
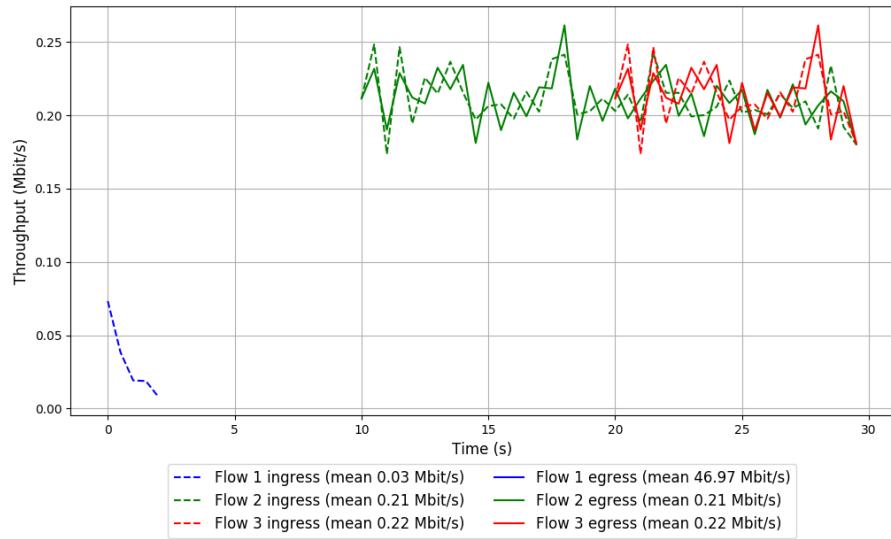


Run 7: Statistics of SCReAM

```
Start at: 2018-01-26 12:45:14
End at: 2018-01-26 12:45:44
Local clock offset: 3.791 ms
Remote clock offset: -12.282 ms

# Below is generated by plot.py at 2018-01-26 17:13:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 34.258 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.97 Mbit/s
95th percentile per-packet one-way delay: 2568.186 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 34.225 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 34.229 ms
Loss rate: 0.00%
```

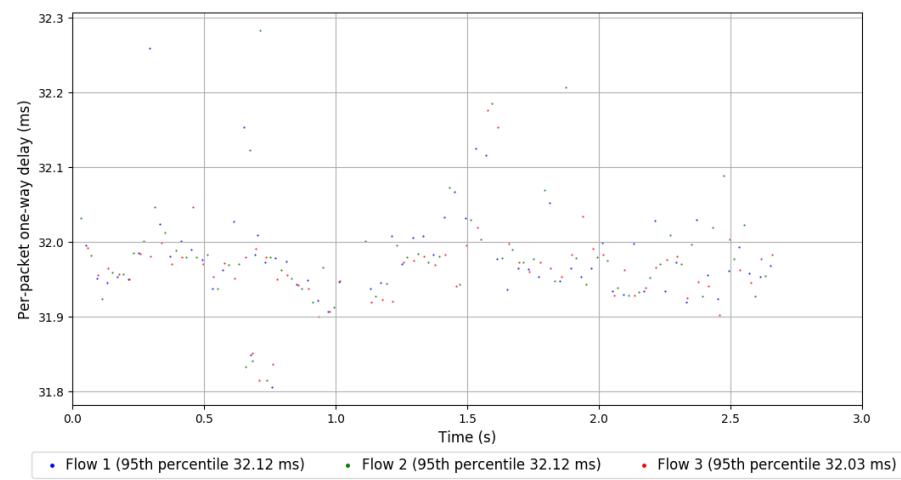
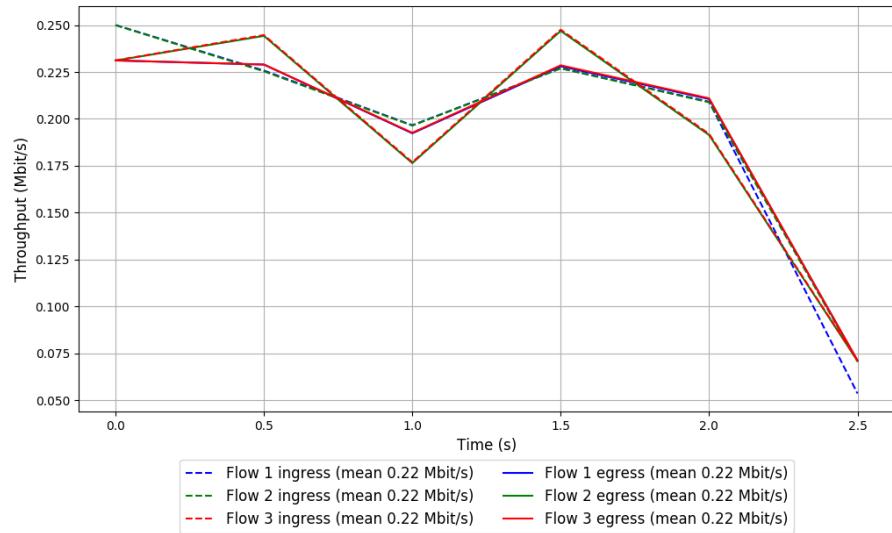
Run 7: Report of SCReAM — Data Link



Run 8: Statistics of SCReAM

Start at: 2018-01-26 13:04:55
End at: 2018-01-26 13:05:25
Local clock offset: 0.895 ms
Remote clock offset: -12.215 ms

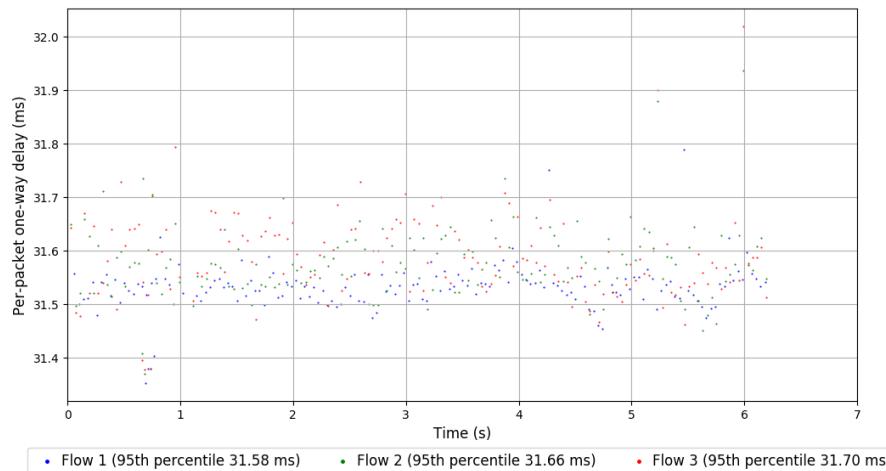
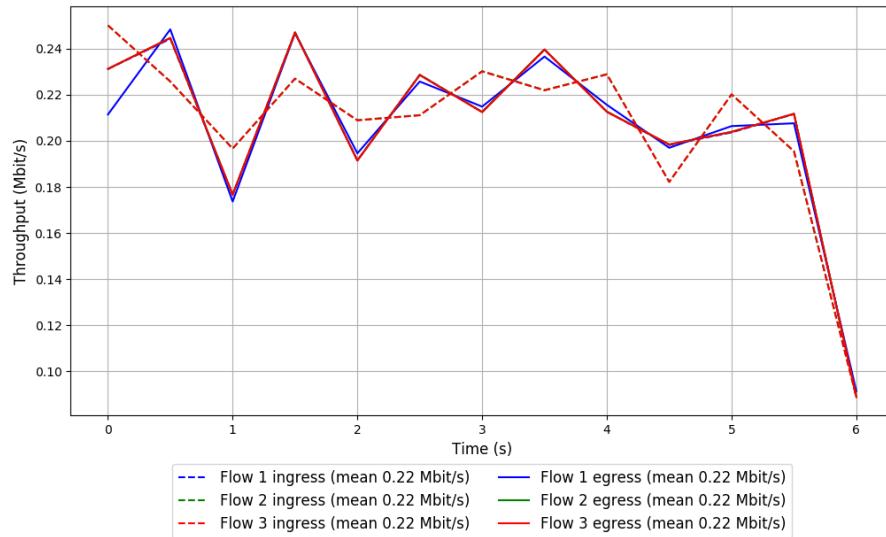
Run 8: Report of SCReAM — Data Link



Run 9: Statistics of SCReAM

Start at: 2018-01-26 13:24:36
End at: 2018-01-26 13:25:06
Local clock offset: 1.783 ms
Remote clock offset: -12.497 ms

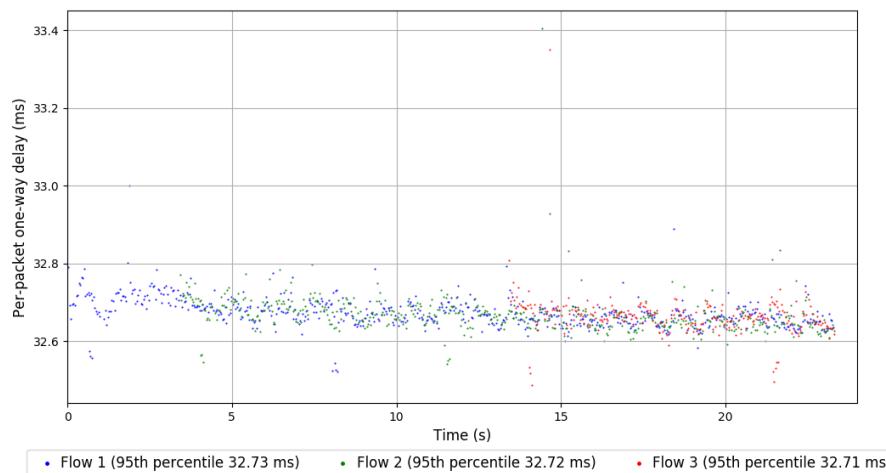
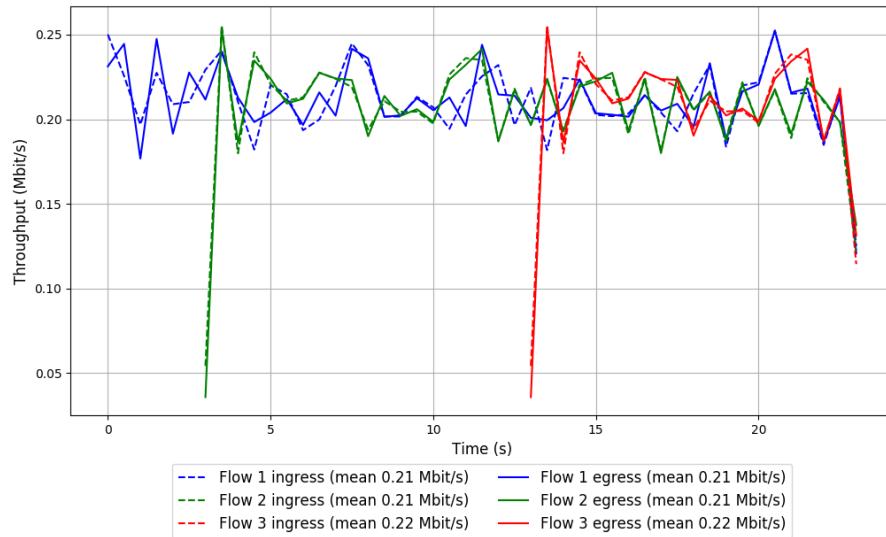
Run 9: Report of SCReAM — Data Link



Run 10: Statistics of SCReAM

Start at: 2018-01-26 13:44:20
End at: 2018-01-26 13:44:50
Local clock offset: 2.47 ms
Remote clock offset: -13.751 ms

Run 10: Report of SCReAM — Data Link

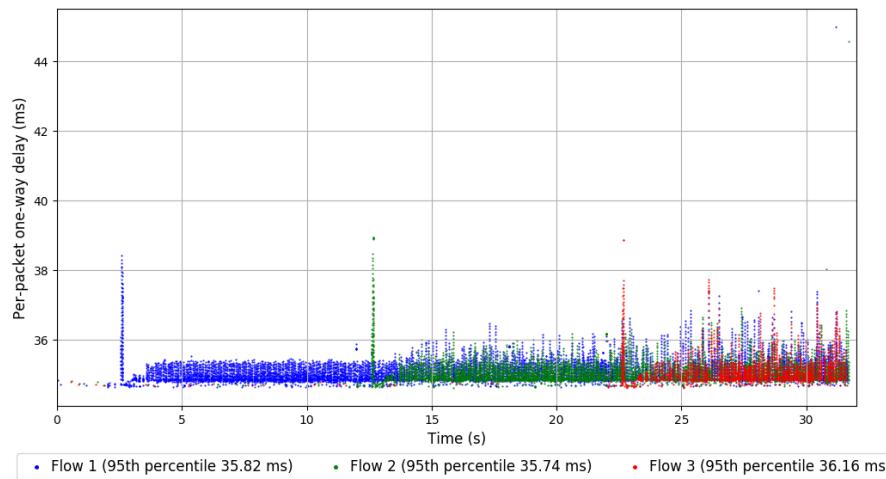
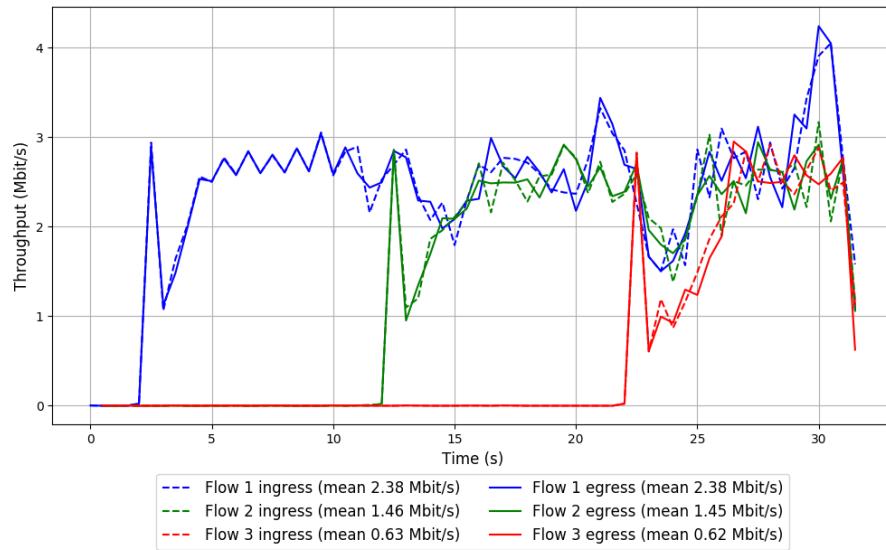


```
Run 1: Statistics of WebRTC media

Start at: 2018-01-26 10:45:44
End at: 2018-01-26 10:46:14
Local clock offset: 3.153 ms
Remote clock offset: -20.593 ms

# Below is generated by plot.py at 2018-01-26 17:13:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.41 Mbit/s
95th percentile per-packet one-way delay: 35.844 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 35.818 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 1.45 Mbit/s
95th percentile per-packet one-way delay: 35.742 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: 36.157 ms
Loss rate: 1.27%
```

Run 1: Report of WebRTC media — Data Link

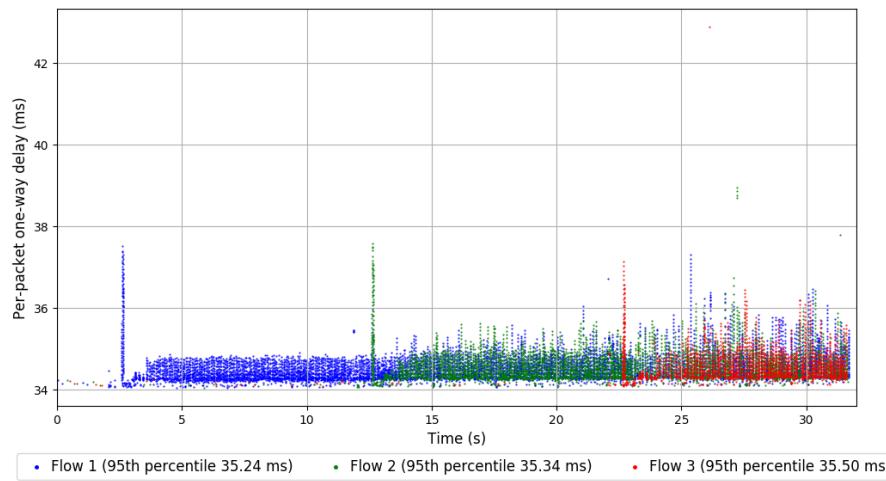
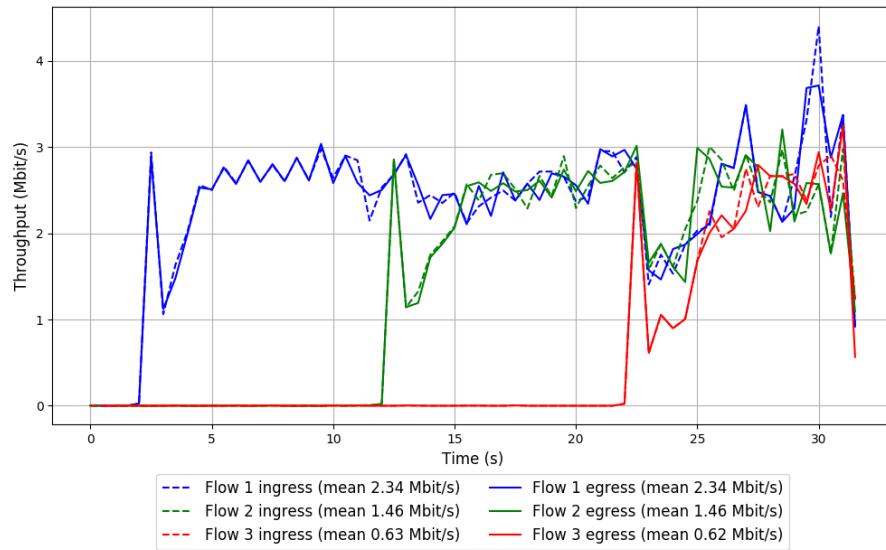


Run 2: Statistics of WebRTC media

```
Start at: 2018-01-26 11:04:32
End at: 2018-01-26 11:05:02
Local clock offset: 0.352 ms
Remote clock offset: -21.635 ms

# Below is generated by plot.py at 2018-01-26 17:13:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.39 Mbit/s
95th percentile per-packet one-way delay: 35.311 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 35.238 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.46 Mbit/s
95th percentile per-packet one-way delay: 35.342 ms
Loss rate: 0.70%
-- Flow 3:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: 35.502 ms
Loss rate: 1.70%
```

Run 2: Report of WebRTC media — Data Link

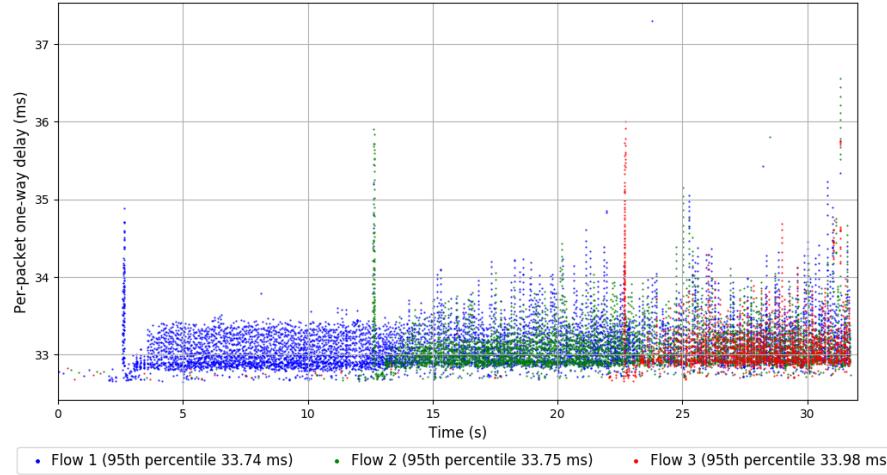
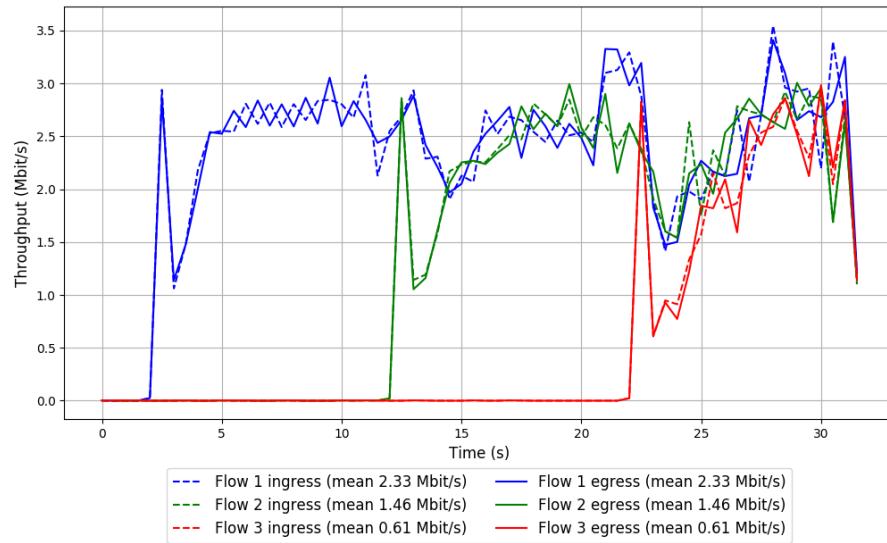


```
Run 3: Statistics of WebRTC media

Start at: 2018-01-26 11:23:27
End at: 2018-01-26 11:23:57
Local clock offset: 4.707 ms
Remote clock offset: -14.808 ms

# Below is generated by plot.py at 2018-01-26 17:13:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.37 Mbit/s
95th percentile per-packet one-way delay: 33.759 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 33.736 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.46 Mbit/s
95th percentile per-packet one-way delay: 33.746 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.61 Mbit/s
95th percentile per-packet one-way delay: 33.975 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

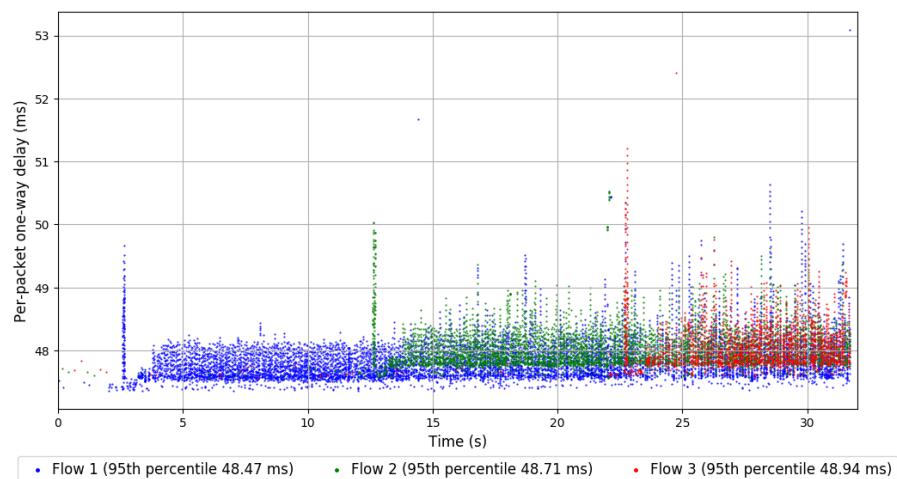
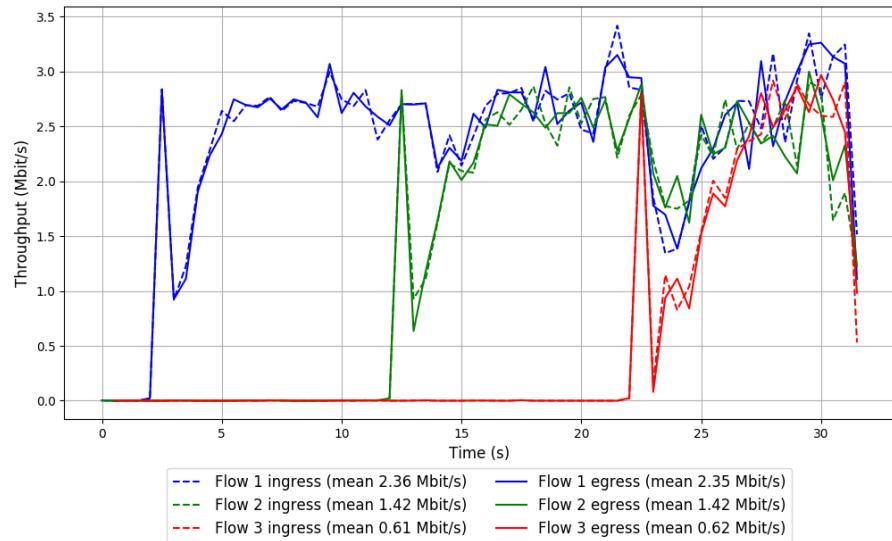


```
Run 4: Statistics of WebRTC media

Start at: 2018-01-26 11:42:24
End at: 2018-01-26 11:42:54
Local clock offset: 3.745 ms
Remote clock offset: -13.612 ms

# Below is generated by plot.py at 2018-01-26 17:13:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.37 Mbit/s
95th percentile per-packet one-way delay: 48.650 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 48.467 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 1.42 Mbit/s
95th percentile per-packet one-way delay: 48.706 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: 48.938 ms
Loss rate: 0.01%
```

Run 4: Report of WebRTC media — Data Link

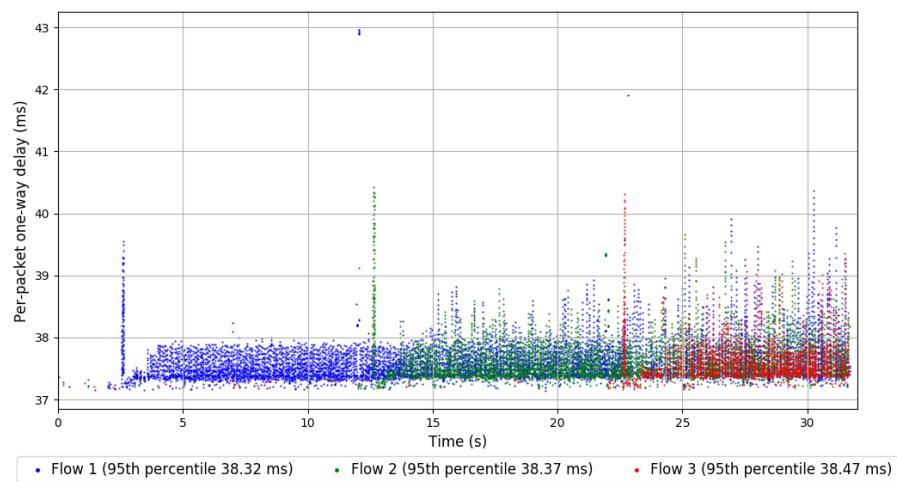
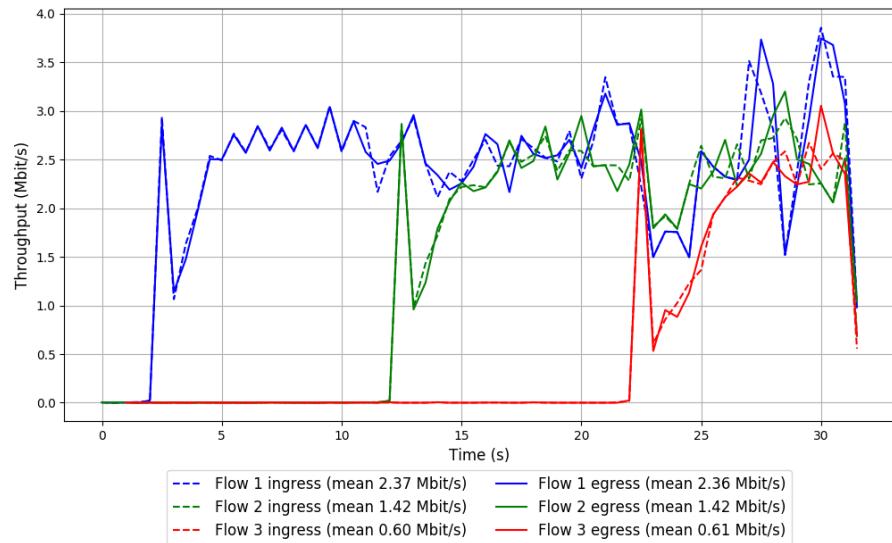


Run 5: Statistics of WebRTC media

```
Start at: 2018-01-26 12:01:32
End at: 2018-01-26 12:02:02
Local clock offset: 5.029 ms
Remote clock offset: -11.989 ms

# Below is generated by plot.py at 2018-01-26 17:13:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.35 Mbit/s
95th percentile per-packet one-way delay: 38.349 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 38.316 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 1.42 Mbit/s
95th percentile per-packet one-way delay: 38.368 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.61 Mbit/s
95th percentile per-packet one-way delay: 38.473 ms
Loss rate: 0.01%
```

Run 5: Report of WebRTC media — Data Link

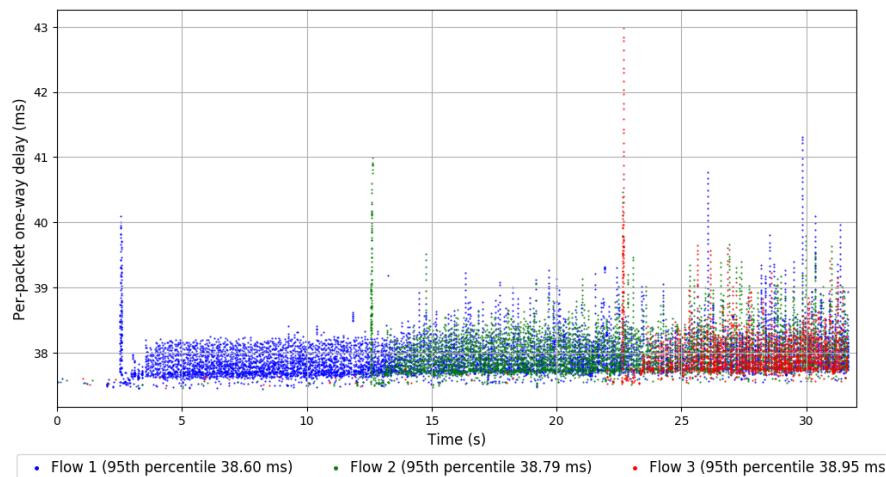
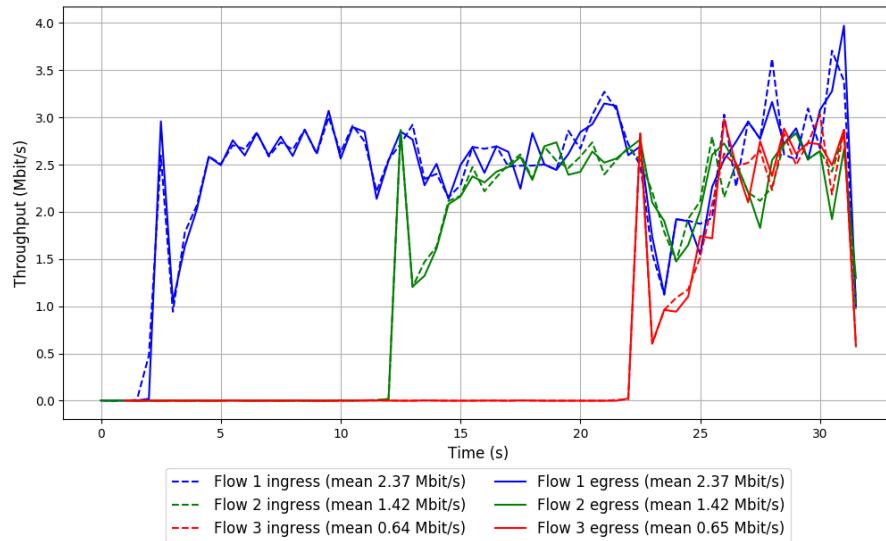


```
Run 6: Statistics of WebRTC media

Start at: 2018-01-26 12:20:41
End at: 2018-01-26 12:21:11
Local clock offset: 5.034 ms
Remote clock offset: -11.092 ms

# Below is generated by plot.py at 2018-01-26 17:13:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.41 Mbit/s
95th percentile per-packet one-way delay: 38.720 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 38.604 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.42 Mbit/s
95th percentile per-packet one-way delay: 38.788 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: 38.954 ms
Loss rate: 0.00%
```

Run 6: Report of WebRTC media — Data Link

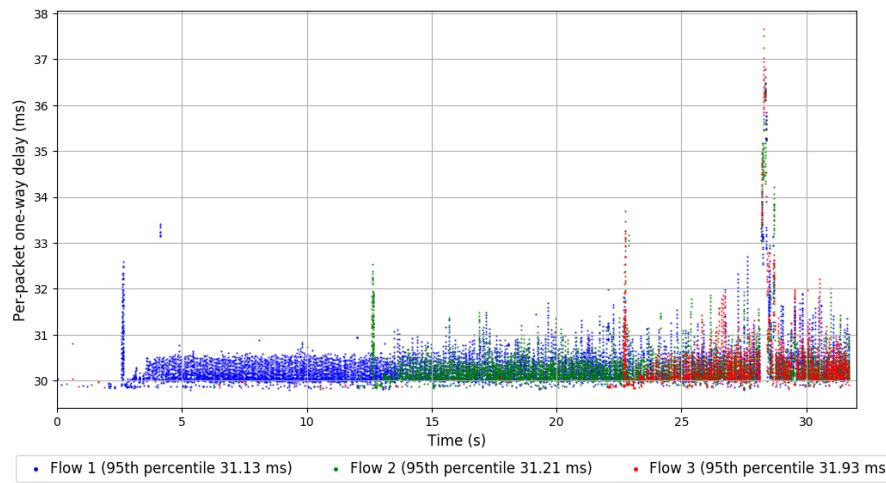
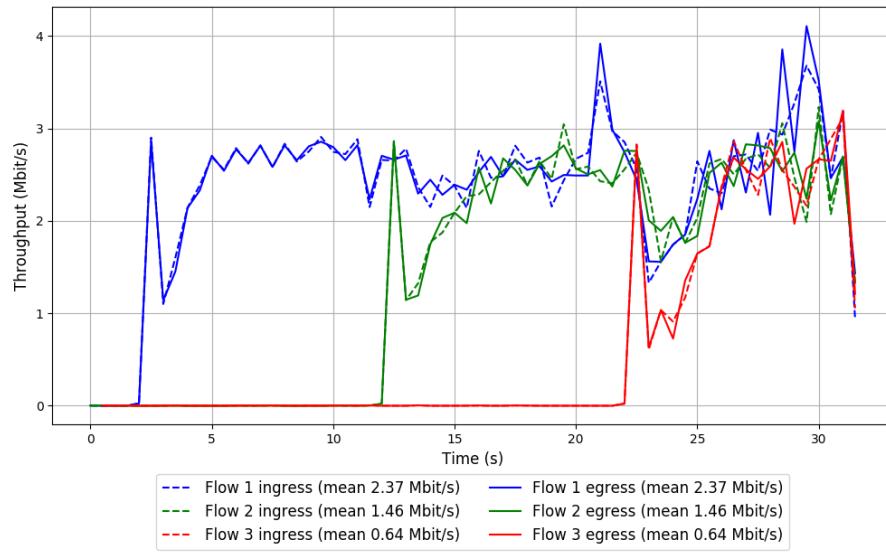


Run 7: Statistics of WebRTC media

```
Start at: 2018-01-26 12:40:16
End at: 2018-01-26 12:40:46
Local clock offset: 1.797 ms
Remote clock offset: -10.307 ms

# Below is generated by plot.py at 2018-01-26 17:13:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.44 Mbit/s
95th percentile per-packet one-way delay: 31.256 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 31.128 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.46 Mbit/s
95th percentile per-packet one-way delay: 31.215 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 31.925 ms
Loss rate: 0.00%
```

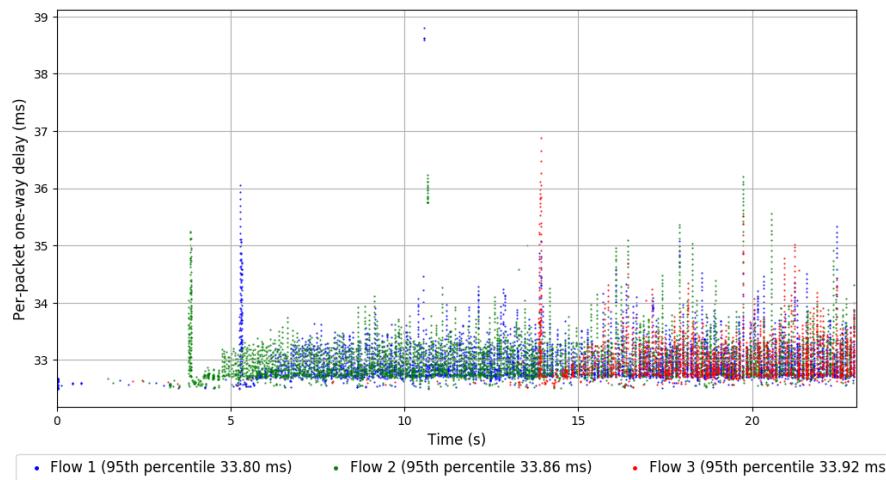
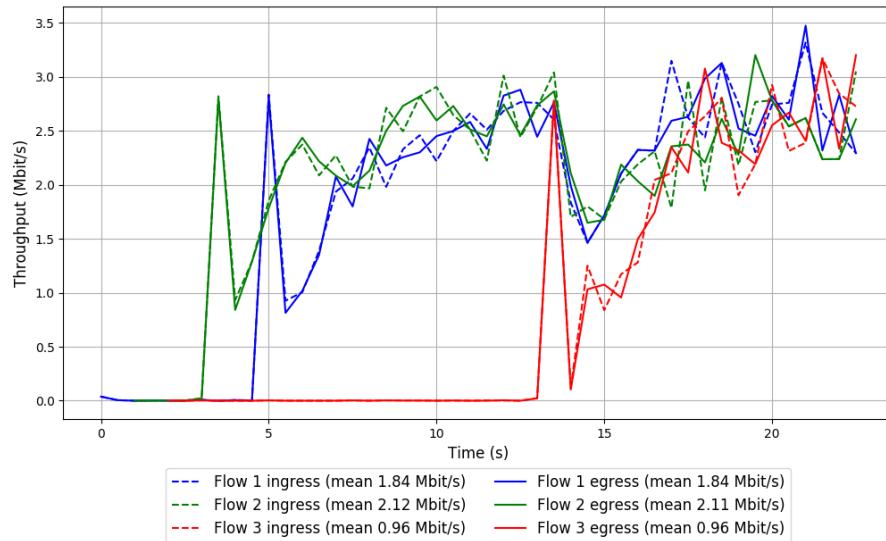
Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2018-01-26 13:00:00
End at: 2018-01-26 13:00:30
Local clock offset: 3.161 ms
Remote clock offset: -10.75 ms

Run 8: Report of WebRTC media — Data Link

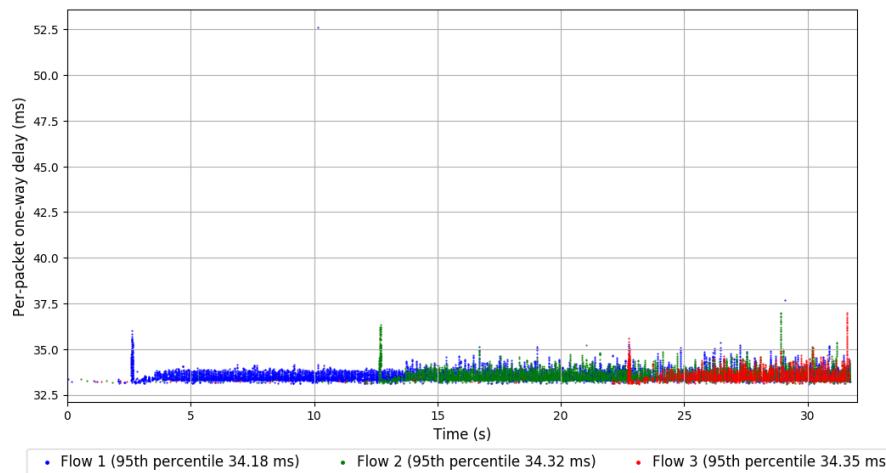
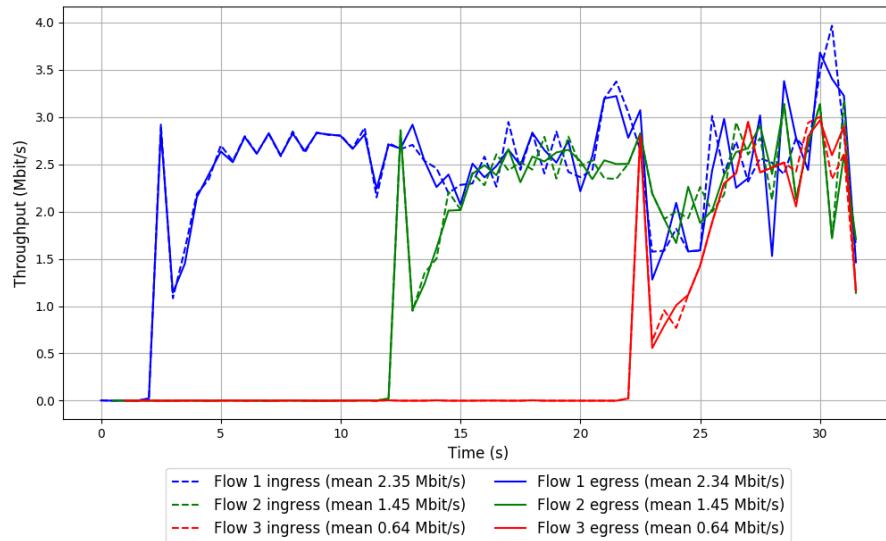


Run 9: Statistics of WebRTC media

```
Start at: 2018-01-26 13:19:35
End at: 2018-01-26 13:20:05
Local clock offset: 3.382 ms
Remote clock offset: -12.314 ms

# Below is generated by plot.py at 2018-01-26 17:13:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.39 Mbit/s
95th percentile per-packet one-way delay: 34.249 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 34.181 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 1.45 Mbit/s
95th percentile per-packet one-way delay: 34.318 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 34.347 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

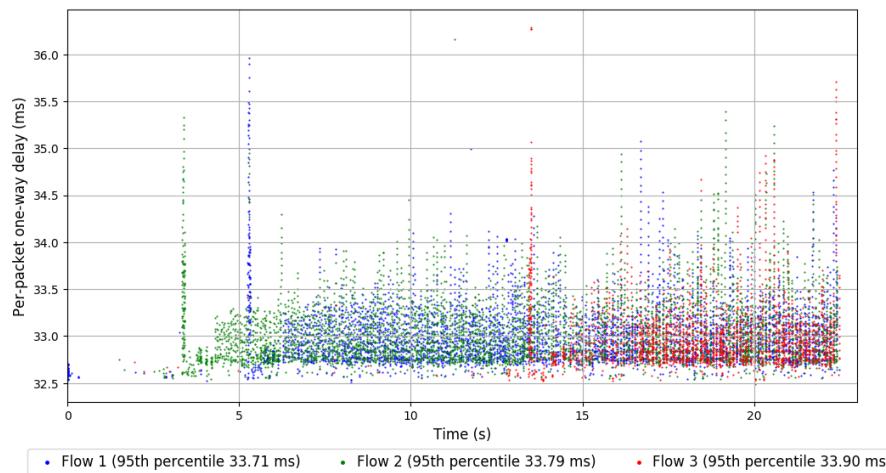
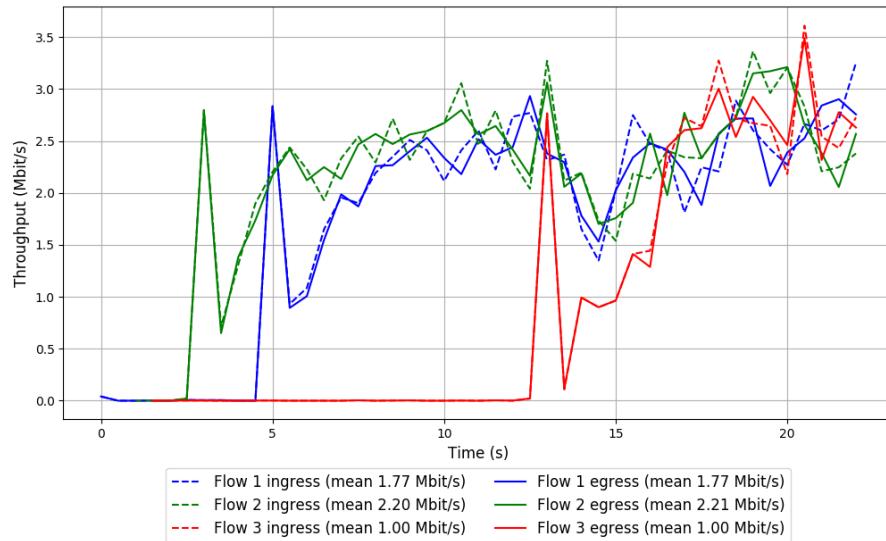
Start at: 2018-01-26 13:39:29

End at: 2018-01-26 13:39:59

Local clock offset: 2.123 ms

Remote clock offset: -13.662 ms

Run 10: Report of WebRTC media — Data Link

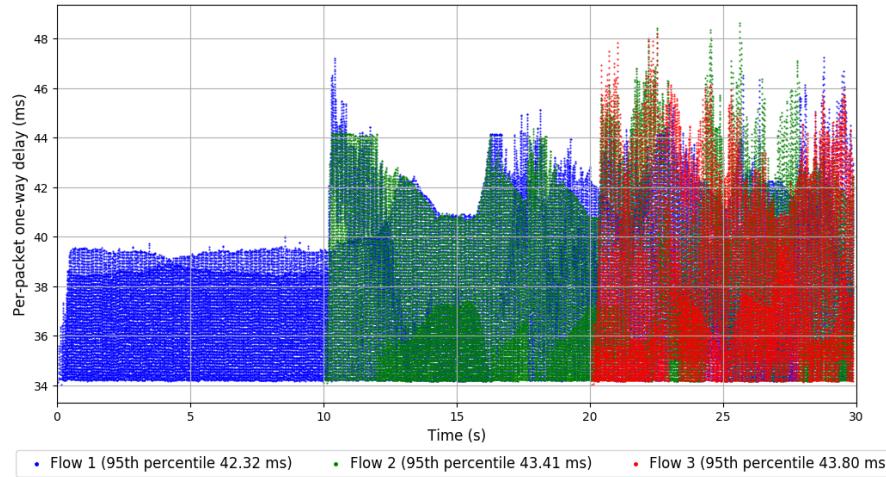
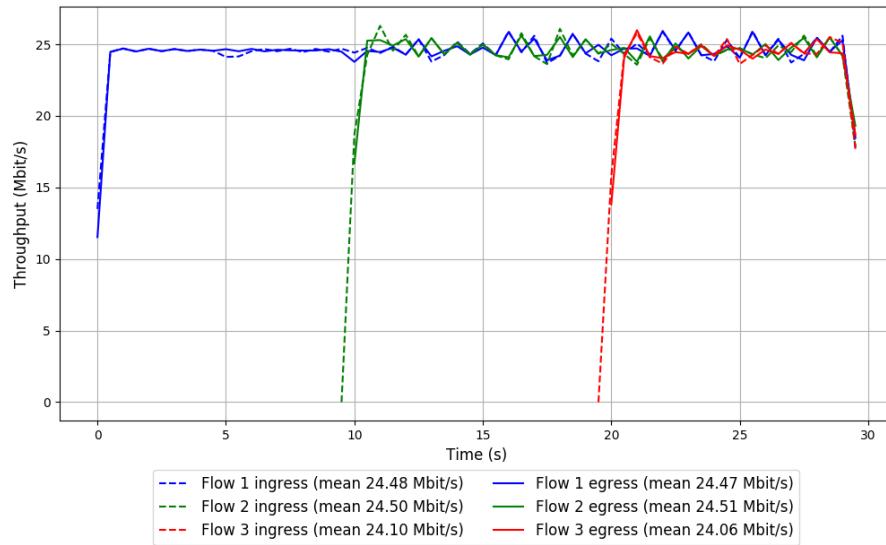


Run 1: Statistics of Sprout

```
Start at: 2018-01-26 10:39:53
End at: 2018-01-26 10:40:23
Local clock offset: 3.275 ms
Remote clock offset: -19.751 ms

# Below is generated by plot.py at 2018-01-26 17:14:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.73 Mbit/s
95th percentile per-packet one-way delay: 42.970 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 24.47 Mbit/s
95th percentile per-packet one-way delay: 42.319 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 24.51 Mbit/s
95th percentile per-packet one-way delay: 43.408 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 24.06 Mbit/s
95th percentile per-packet one-way delay: 43.804 ms
Loss rate: 0.36%
```

Run 1: Report of Sprout — Data Link

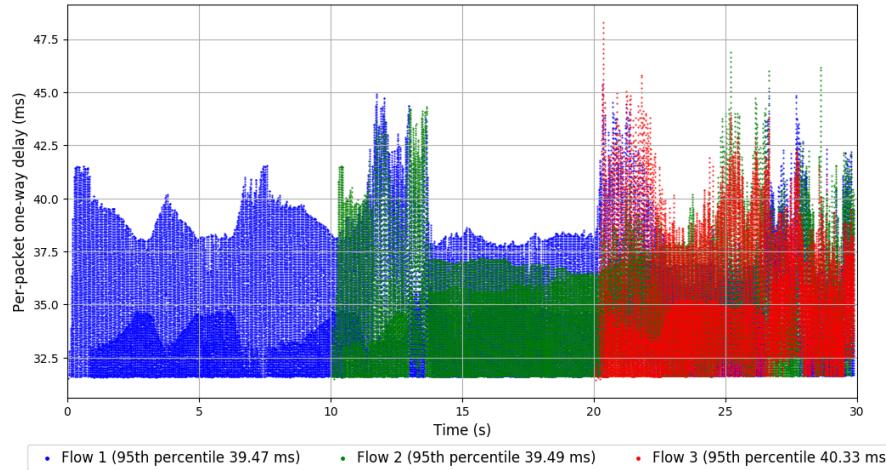
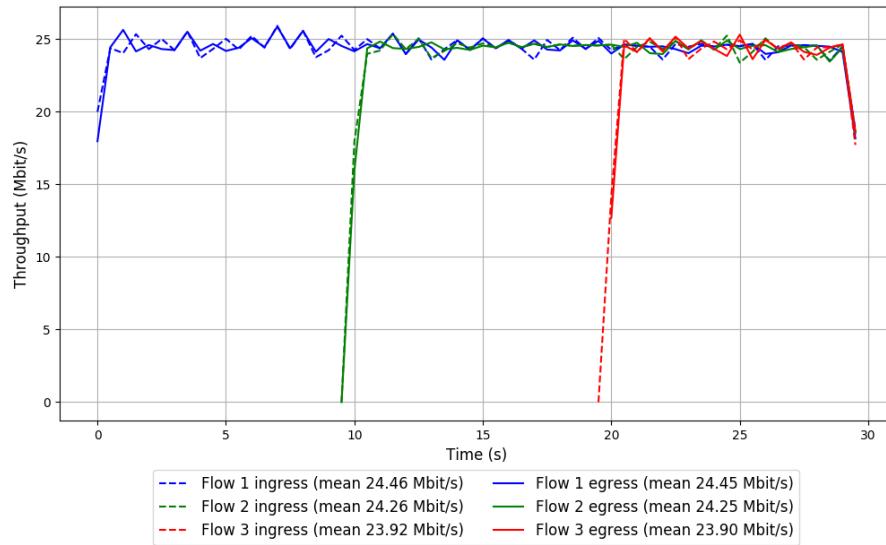


Run 2: Statistics of Sprout

```
Start at: 2018-01-26 10:58:44
End at: 2018-01-26 10:59:14
Local clock offset: 1.684 ms
Remote clock offset: -18.416 ms

# Below is generated by plot.py at 2018-01-26 17:14:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.49 Mbit/s
95th percentile per-packet one-way delay: 39.621 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 24.45 Mbit/s
95th percentile per-packet one-way delay: 39.472 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 24.25 Mbit/s
95th percentile per-packet one-way delay: 39.490 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 23.90 Mbit/s
95th percentile per-packet one-way delay: 40.333 ms
Loss rate: 0.23%
```

Run 2: Report of Sprout — Data Link

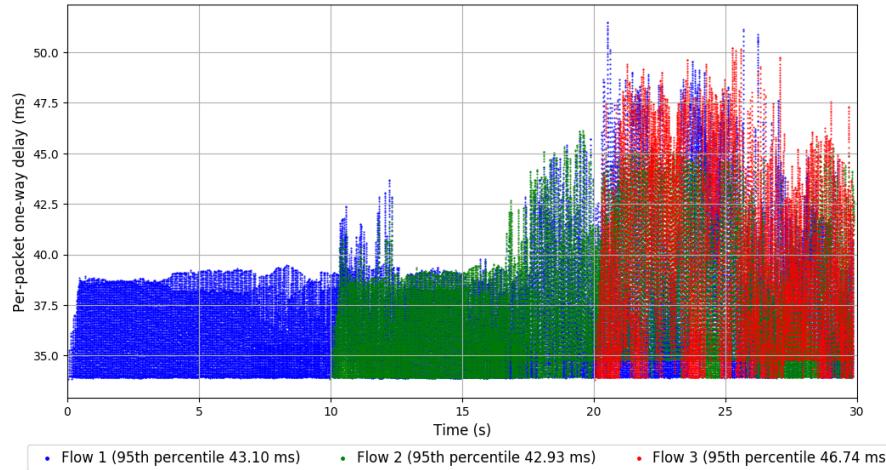
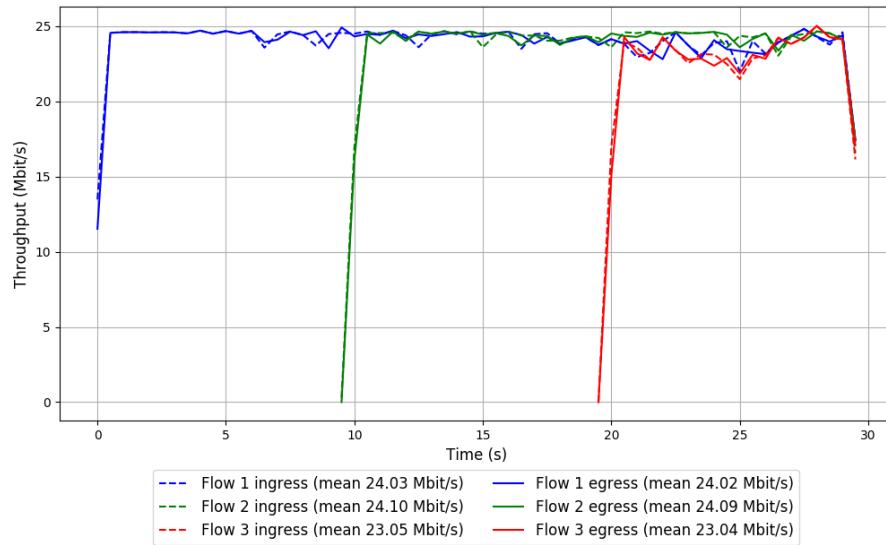


Run 3: Statistics of Sprout

```
Start at: 2018-01-26 11:17:36
End at: 2018-01-26 11:18:06
Local clock offset: 5.007 ms
Remote clock offset: -15.858 ms

# Below is generated by plot.py at 2018-01-26 17:14:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 47.68 Mbit/s
95th percentile per-packet one-way delay: 44.193 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 24.02 Mbit/s
95th percentile per-packet one-way delay: 43.098 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 24.09 Mbit/s
95th percentile per-packet one-way delay: 42.930 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 23.04 Mbit/s
95th percentile per-packet one-way delay: 46.745 ms
Loss rate: 0.22%
```

Run 3: Report of Sprout — Data Link

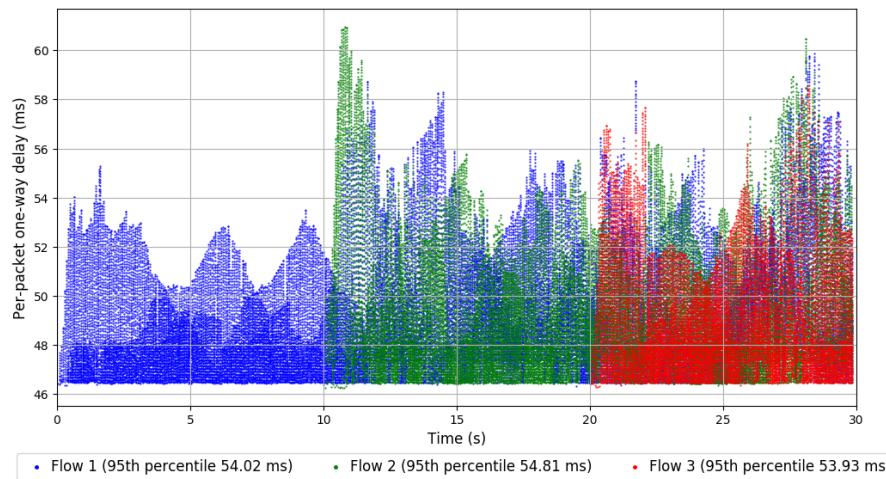
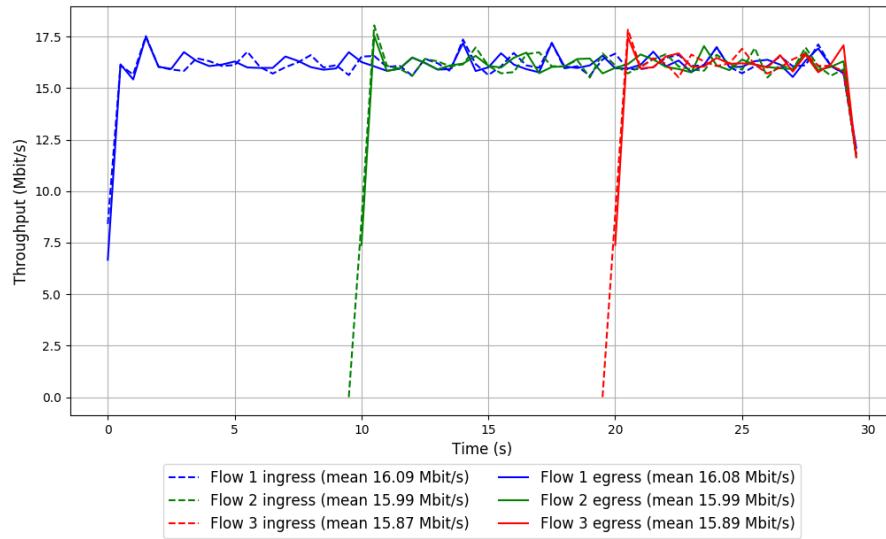


Run 4: Statistics of Sprout

```
Start at: 2018-01-26 11:36:32
End at: 2018-01-26 11:37:03
Local clock offset: 1.685 ms
Remote clock offset: -14.589 ms

# Below is generated by plot.py at 2018-01-26 17:14:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 31.97 Mbit/s
95th percentile per-packet one-way delay: 54.262 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 16.08 Mbit/s
95th percentile per-packet one-way delay: 54.018 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 15.99 Mbit/s
95th percentile per-packet one-way delay: 54.806 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 15.89 Mbit/s
95th percentile per-packet one-way delay: 53.926 ms
Loss rate: 0.24%
```

Run 4: Report of Sprout — Data Link

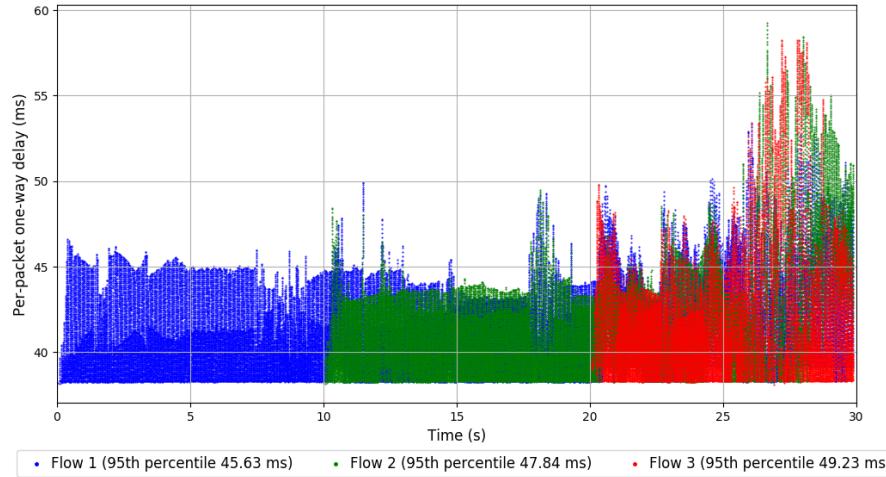
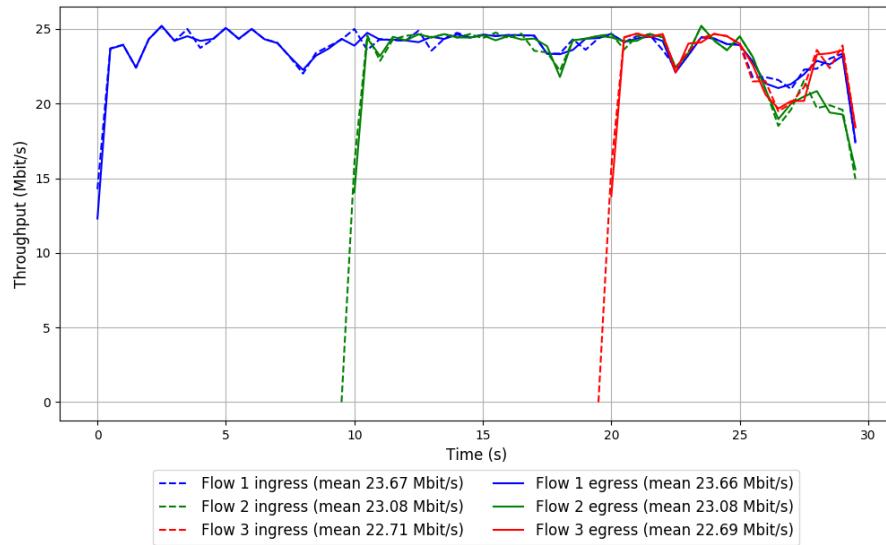


Run 5: Statistics of Sprout

```
Start at: 2018-01-26 11:55:42
End at: 2018-01-26 11:56:12
Local clock offset: 4.237 ms
Remote clock offset: -14.032 ms

# Below is generated by plot.py at 2018-01-26 17:14:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 46.52 Mbit/s
95th percentile per-packet one-way delay: 46.788 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 23.66 Mbit/s
95th percentile per-packet one-way delay: 45.630 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 23.08 Mbit/s
95th percentile per-packet one-way delay: 47.835 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 22.69 Mbit/s
95th percentile per-packet one-way delay: 49.226 ms
Loss rate: 0.44%
```

Run 5: Report of Sprout — Data Link

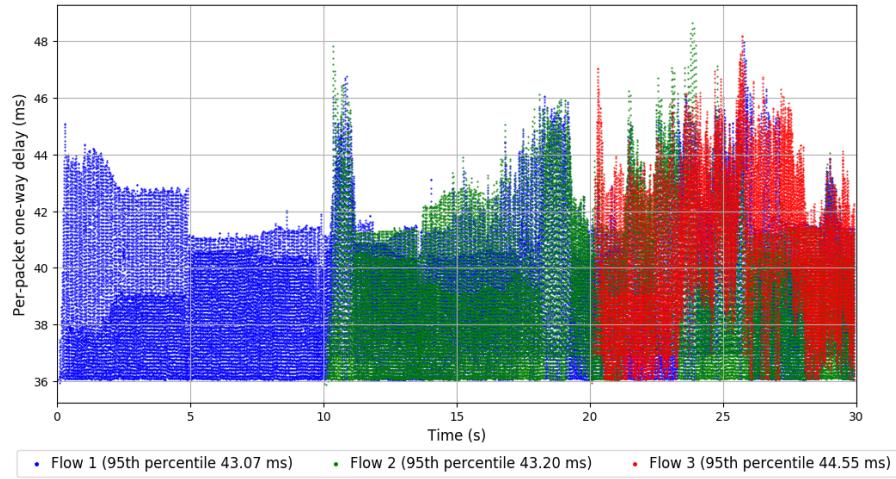
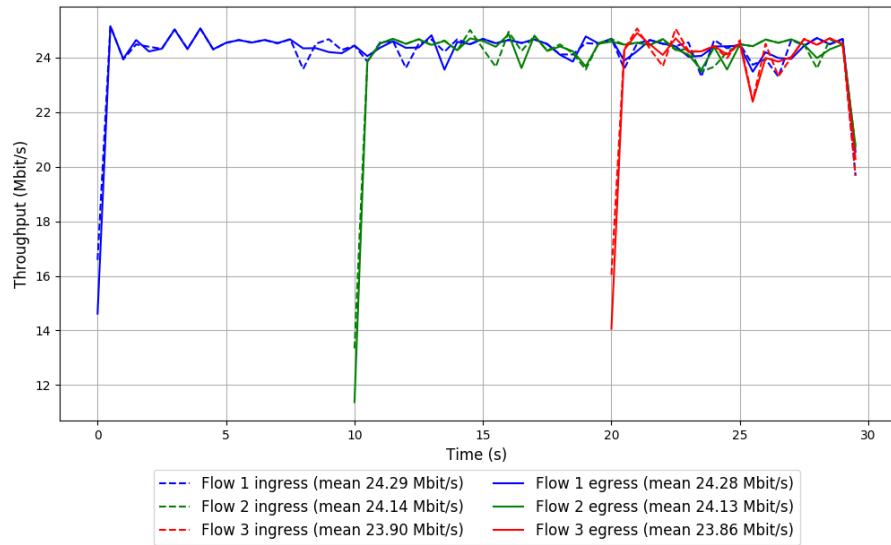


Run 6: Statistics of Sprout

```
Start at: 2018-01-26 12:14:53
End at: 2018-01-26 12:15:23
Local clock offset: 2.745 ms
Remote clock offset: -12.55 ms

# Below is generated by plot.py at 2018-01-26 17:14:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.19 Mbit/s
95th percentile per-packet one-way delay: 43.542 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 24.28 Mbit/s
95th percentile per-packet one-way delay: 43.070 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 24.13 Mbit/s
95th percentile per-packet one-way delay: 43.195 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 23.86 Mbit/s
95th percentile per-packet one-way delay: 44.554 ms
Loss rate: 0.29%
```

Run 6: Report of Sprout — Data Link

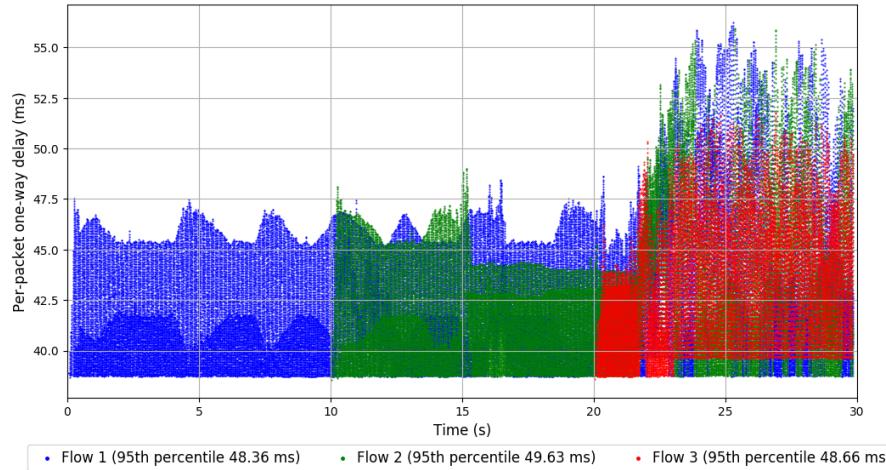
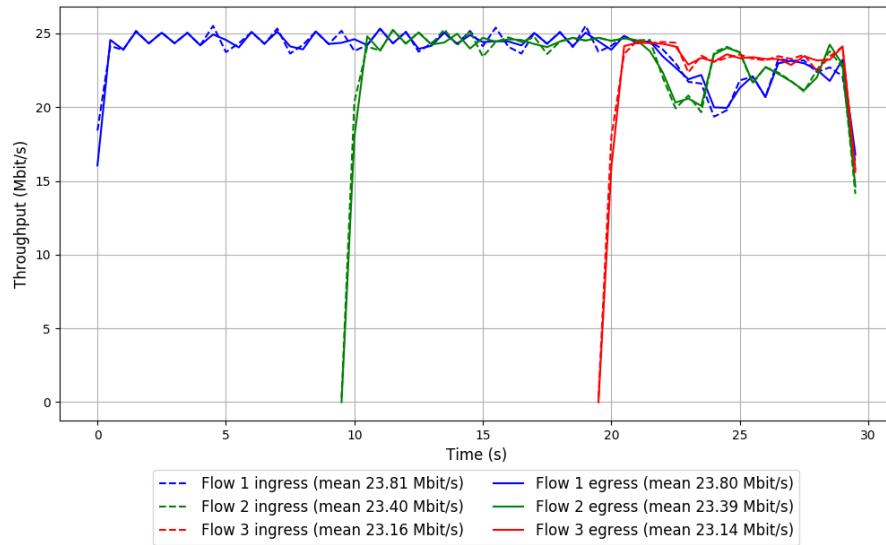


Run 7: Statistics of Sprout

```
Start at: 2018-01-26 12:34:17
End at: 2018-01-26 12:34:47
Local clock offset: 4.343 ms
Remote clock offset: -12.096 ms

# Below is generated by plot.py at 2018-01-26 17:14:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 47.04 Mbit/s
95th percentile per-packet one-way delay: 48.890 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 23.80 Mbit/s
95th percentile per-packet one-way delay: 48.359 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 23.39 Mbit/s
95th percentile per-packet one-way delay: 49.635 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 23.14 Mbit/s
95th percentile per-packet one-way delay: 48.660 ms
Loss rate: 0.37%
```

Run 7: Report of Sprout — Data Link

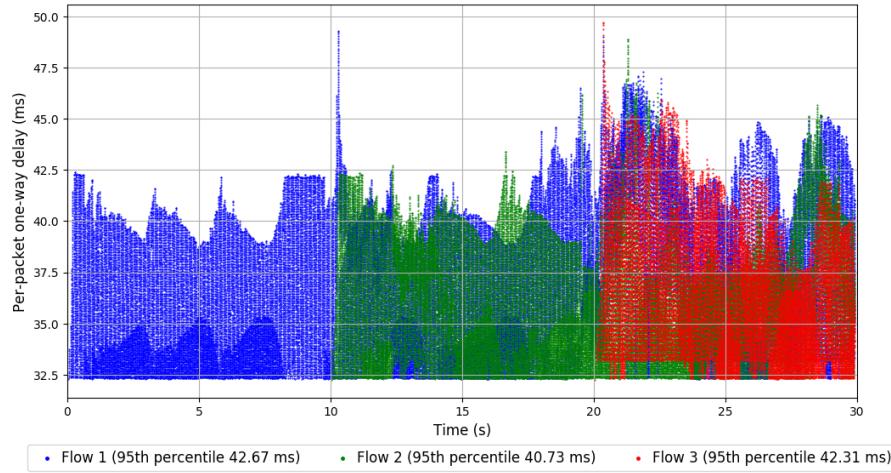
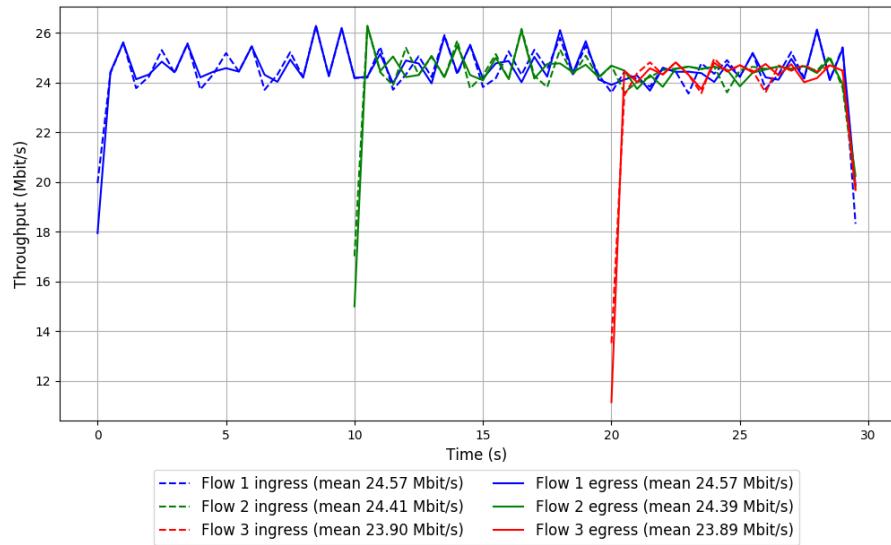


Run 8: Statistics of Sprout

```
Start at: 2018-01-26 12:53:55
End at: 2018-01-26 12:54:25
Local clock offset: 1.534 ms
Remote clock offset: -12.126 ms

# Below is generated by plot.py at 2018-01-26 17:14:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.67 Mbit/s
95th percentile per-packet one-way delay: 42.115 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 24.57 Mbit/s
95th percentile per-packet one-way delay: 42.666 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 24.39 Mbit/s
95th percentile per-packet one-way delay: 40.730 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 23.89 Mbit/s
95th percentile per-packet one-way delay: 42.309 ms
Loss rate: 0.42%
```

Run 8: Report of Sprout — Data Link

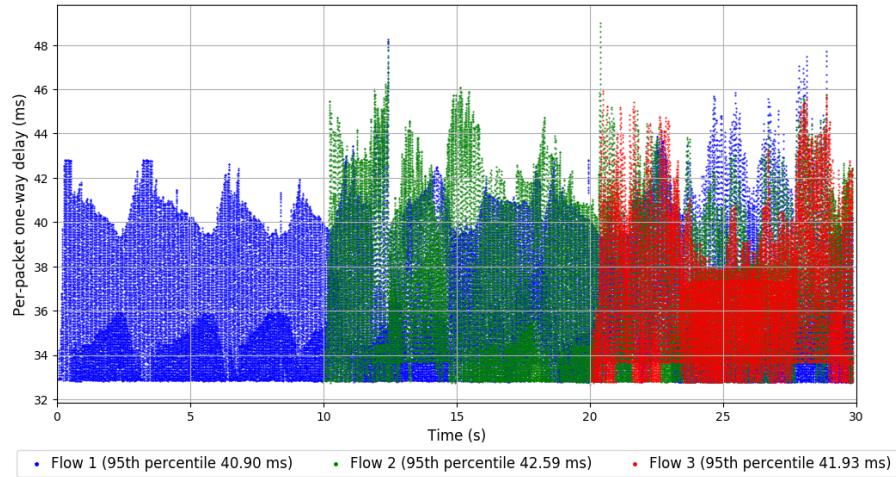
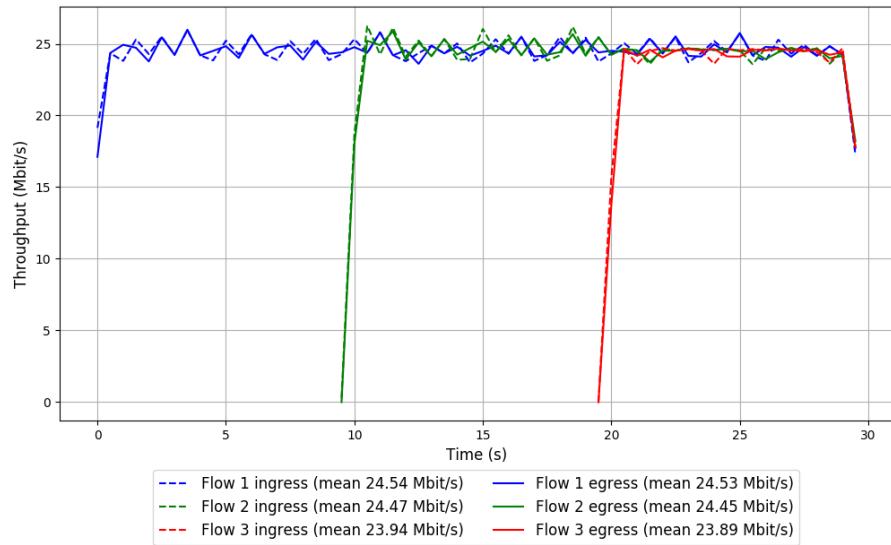


Run 9: Statistics of Sprout

```
Start at: 2018-01-26 13:13:34
End at: 2018-01-26 13:14:04
Local clock offset: 2.976 ms
Remote clock offset: -11.618 ms

# Below is generated by plot.py at 2018-01-26 17:14:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.71 Mbit/s
95th percentile per-packet one-way delay: 41.754 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 24.53 Mbit/s
95th percentile per-packet one-way delay: 40.901 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 24.45 Mbit/s
95th percentile per-packet one-way delay: 42.588 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 23.89 Mbit/s
95th percentile per-packet one-way delay: 41.928 ms
Loss rate: 0.35%
```

Run 9: Report of Sprout — Data Link

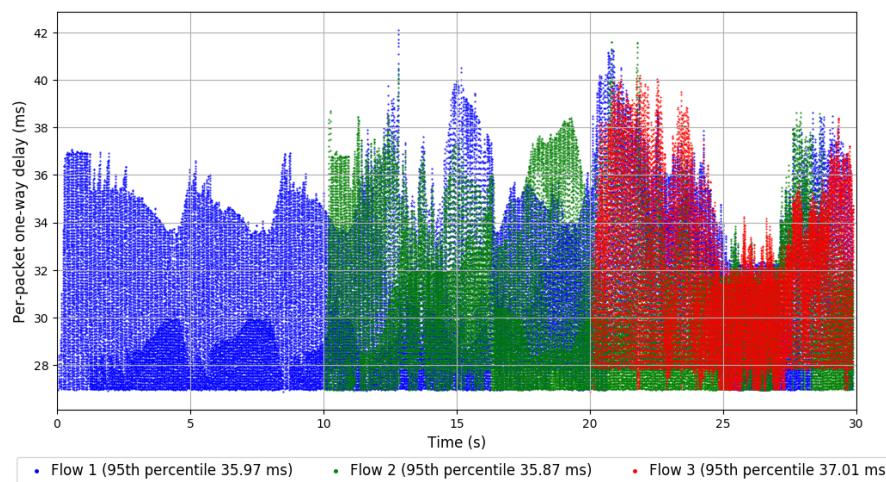
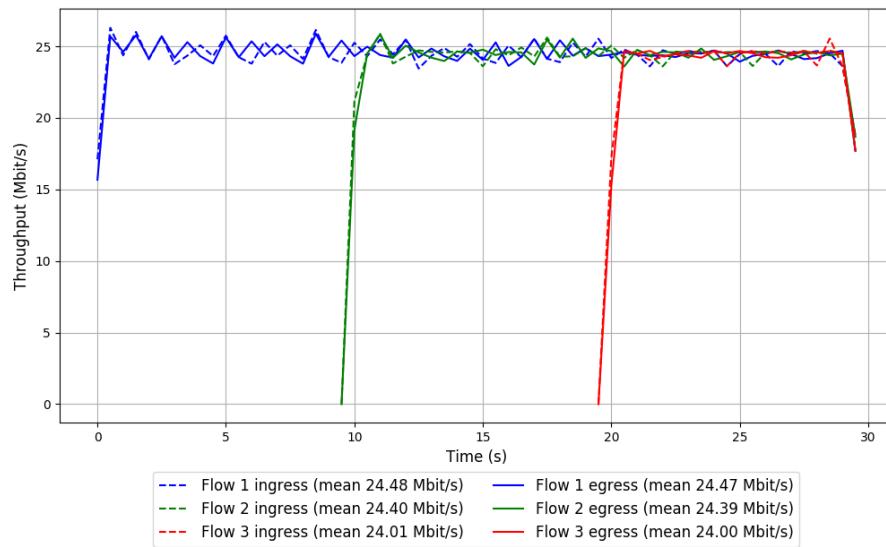


Run 10: Statistics of Sprout

```
Start at: 2018-01-26 13:33:25
End at: 2018-01-26 13:33:55
Local clock offset: -6.537 ms
Remote clock offset: -16.146 ms

# Below is generated by plot.py at 2018-01-26 17:15:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.65 Mbit/s
95th percentile per-packet one-way delay: 36.137 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 24.47 Mbit/s
95th percentile per-packet one-way delay: 35.974 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 24.39 Mbit/s
95th percentile per-packet one-way delay: 35.870 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 24.00 Mbit/s
95th percentile per-packet one-way delay: 37.008 ms
Loss rate: 0.41%
```

Run 10: Report of Sprout — Data Link

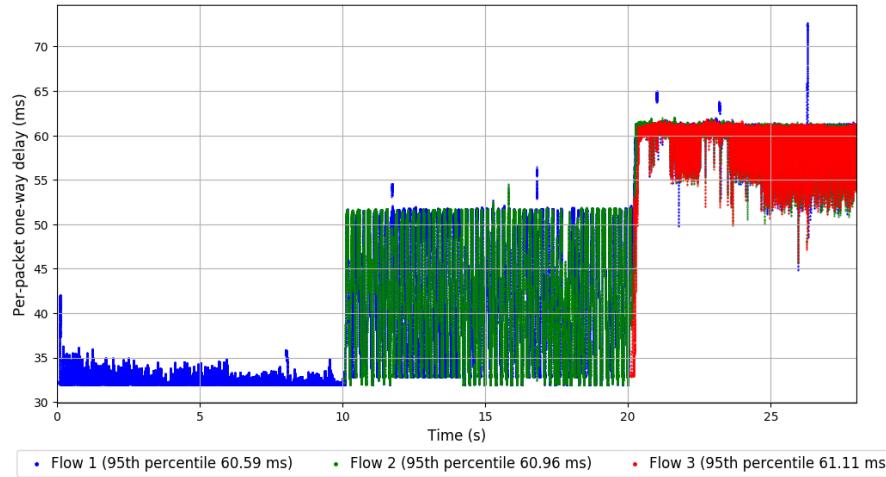
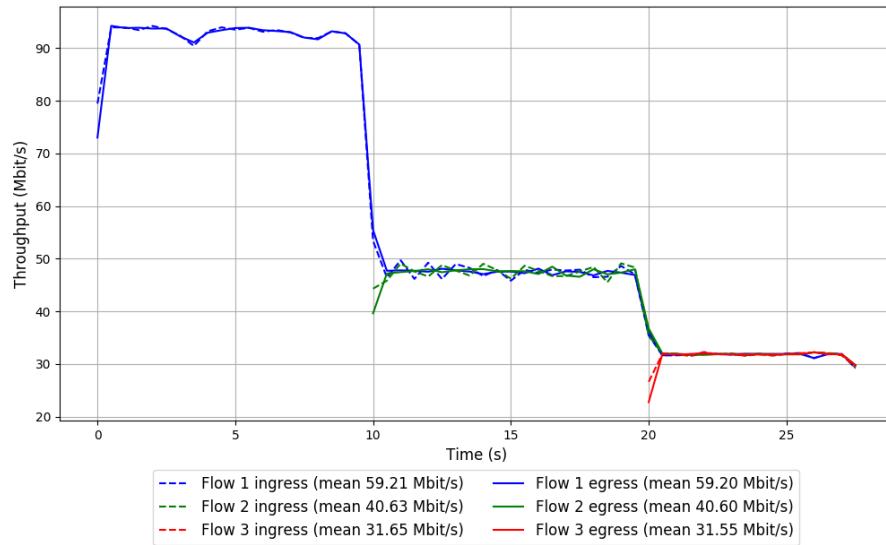


Run 1: Statistics of TaoVA-100x

```
Start at: 2018-01-26 10:51:32
End at: 2018-01-26 10:52:02
Local clock offset: 1.973 ms
Remote clock offset: -19.08 ms

# Below is generated by plot.py at 2018-01-26 17:16:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.18 Mbit/s
95th percentile per-packet one-way delay: 60.880 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 59.20 Mbit/s
95th percentile per-packet one-way delay: 60.594 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 40.60 Mbit/s
95th percentile per-packet one-way delay: 60.956 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 31.55 Mbit/s
95th percentile per-packet one-way delay: 61.106 ms
Loss rate: 0.67%
```

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

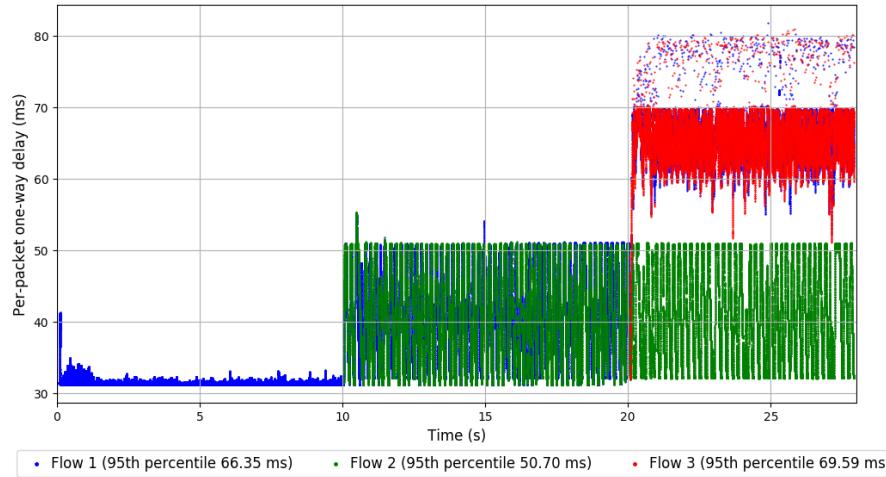
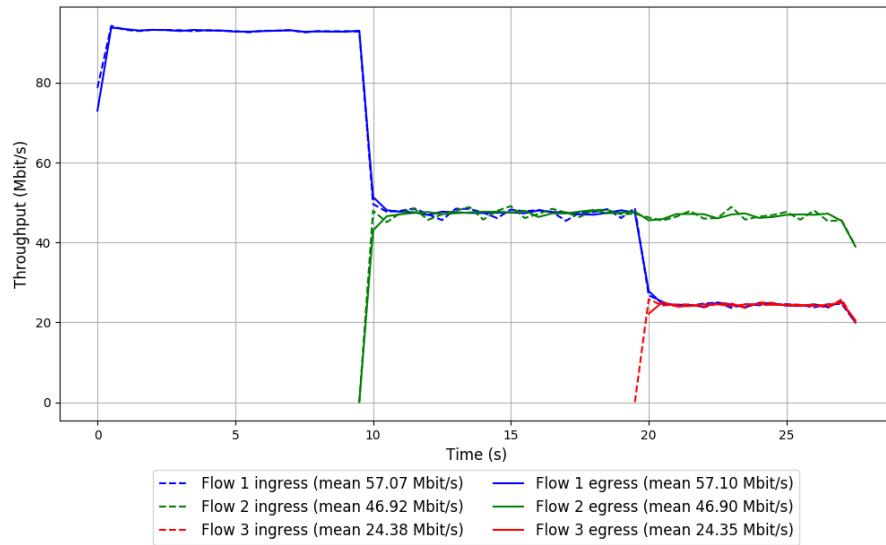


Run 2: Statistics of TaoVA-100x

```
Start at: 2018-01-26 11:10:18
End at: 2018-01-26 11:10:48
Local clock offset: 1.716 ms
Remote clock offset: -16.848 ms

# Below is generated by plot.py at 2018-01-26 17:16:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.14 Mbit/s
95th percentile per-packet one-way delay: 66.916 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 57.10 Mbit/s
95th percentile per-packet one-way delay: 66.348 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 46.90 Mbit/s
95th percentile per-packet one-way delay: 50.701 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 24.35 Mbit/s
95th percentile per-packet one-way delay: 69.587 ms
Loss rate: 0.78%
```

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

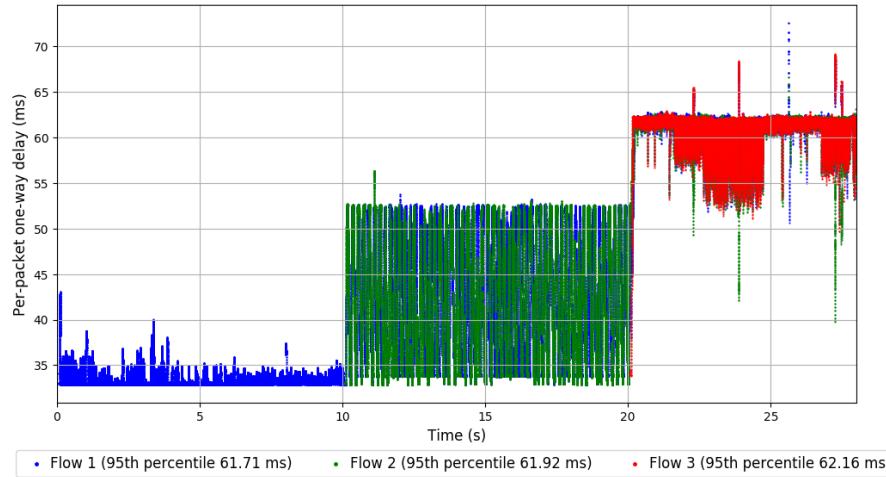
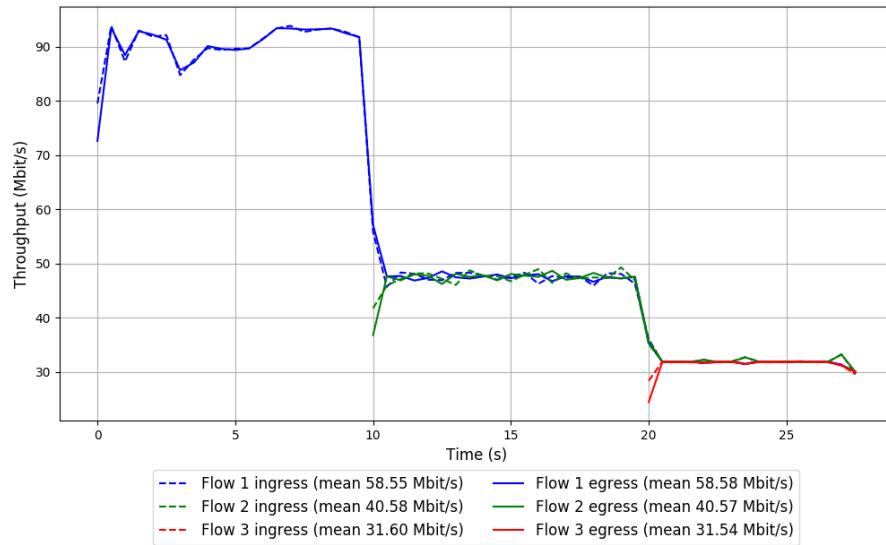


Run 3: Statistics of TaoVA-100x

```
Start at: 2018-01-26 11:29:10
End at: 2018-01-26 11:29:40
Local clock offset: 2.83 ms
Remote clock offset: -16.061 ms

# Below is generated by plot.py at 2018-01-26 17:16:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.51 Mbit/s
95th percentile per-packet one-way delay: 61.907 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 58.58 Mbit/s
95th percentile per-packet one-way delay: 61.706 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.57 Mbit/s
95th percentile per-packet one-way delay: 61.920 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 31.54 Mbit/s
95th percentile per-packet one-way delay: 62.156 ms
Loss rate: 0.70%
```

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

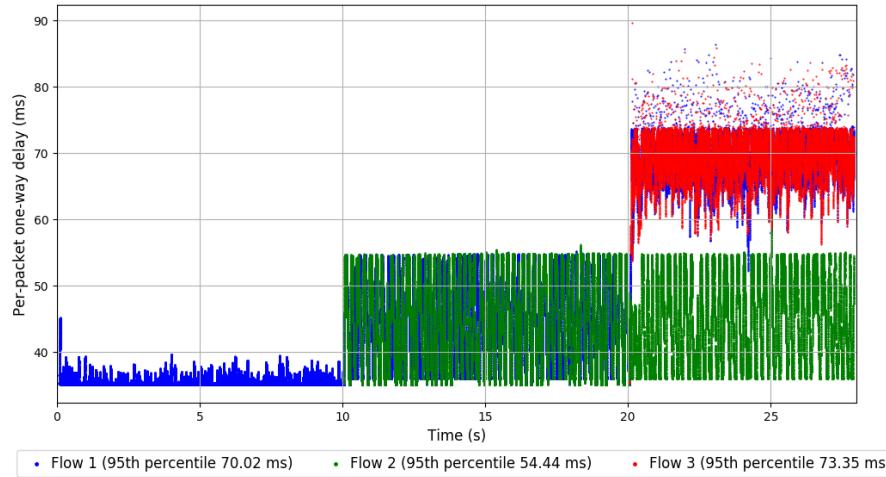
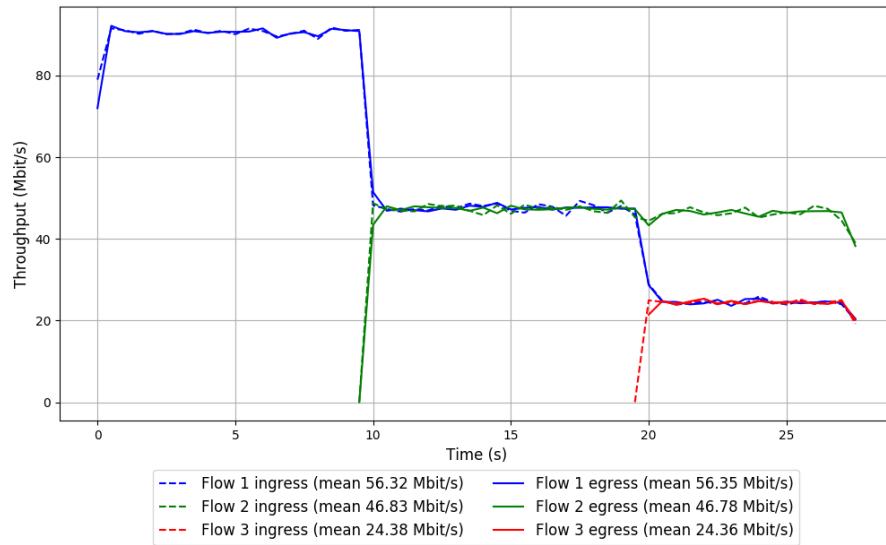


Run 4: Statistics of TaoVA-100x

```
Start at: 2018-01-26 11:48:20
End at: 2018-01-26 11:48:50
Local clock offset: 4.919 ms
Remote clock offset: -15.196 ms

# Below is generated by plot.py at 2018-01-26 17:16:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.33 Mbit/s
95th percentile per-packet one-way delay: 70.658 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 56.35 Mbit/s
95th percentile per-packet one-way delay: 70.022 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 46.78 Mbit/s
95th percentile per-packet one-way delay: 54.443 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 24.36 Mbit/s
95th percentile per-packet one-way delay: 73.347 ms
Loss rate: 0.72%
```

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

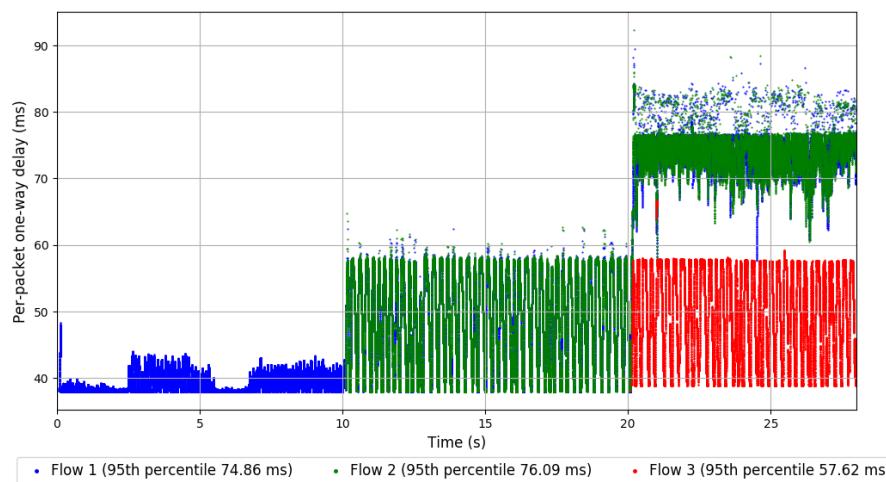
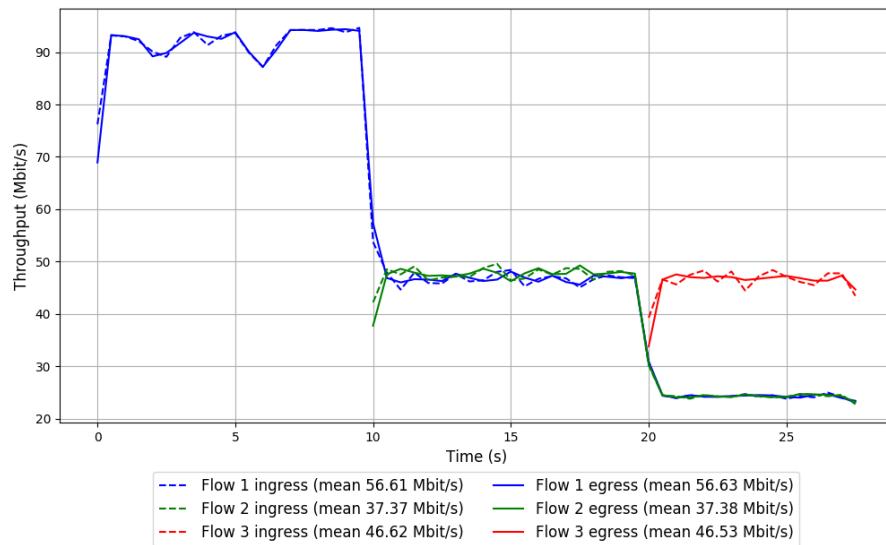


Run 5: Statistics of TaoVA-100x

```
Start at: 2018-01-26 12:07:22
End at: 2018-01-26 12:07:52
Local clock offset: 5.028 ms
Remote clock offset: -12.423 ms

# Below is generated by plot.py at 2018-01-26 17:16:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.76 Mbit/s
95th percentile per-packet one-way delay: 75.264 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 56.63 Mbit/s
95th percentile per-packet one-way delay: 74.862 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 37.38 Mbit/s
95th percentile per-packet one-way delay: 76.088 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 46.53 Mbit/s
95th percentile per-packet one-way delay: 57.616 ms
Loss rate: 0.57%
```

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

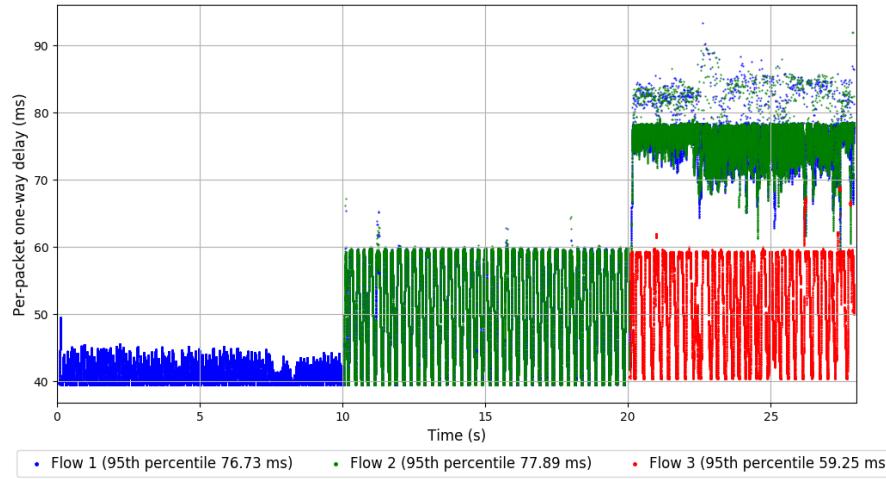
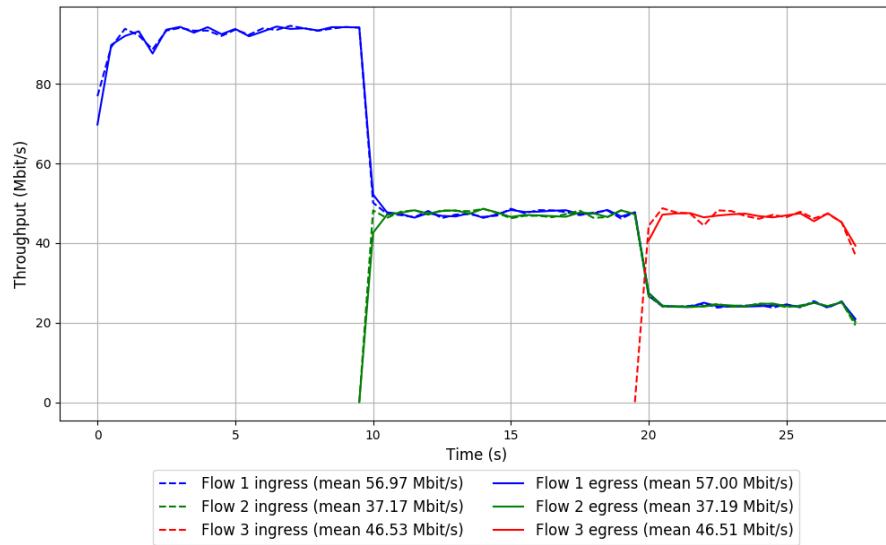


Run 6: Statistics of TaoVA-100x

```
Start at: 2018-01-26 12:26:40
End at: 2018-01-26 12:27:10
Local clock offset: 4.645 ms
Remote clock offset: -12.903 ms

# Below is generated by plot.py at 2018-01-26 17:17:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.09 Mbit/s
95th percentile per-packet one-way delay: 77.100 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 57.00 Mbit/s
95th percentile per-packet one-way delay: 76.728 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 37.19 Mbit/s
95th percentile per-packet one-way delay: 77.894 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 46.51 Mbit/s
95th percentile per-packet one-way delay: 59.249 ms
Loss rate: 0.43%
```

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

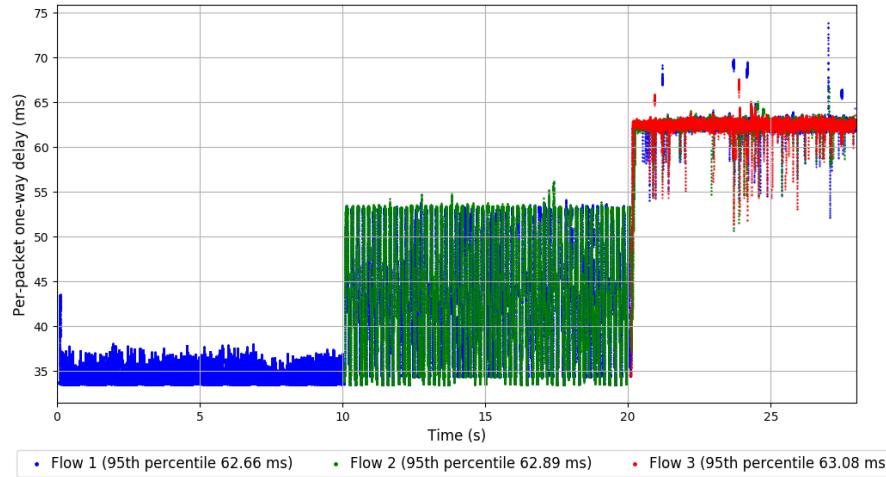
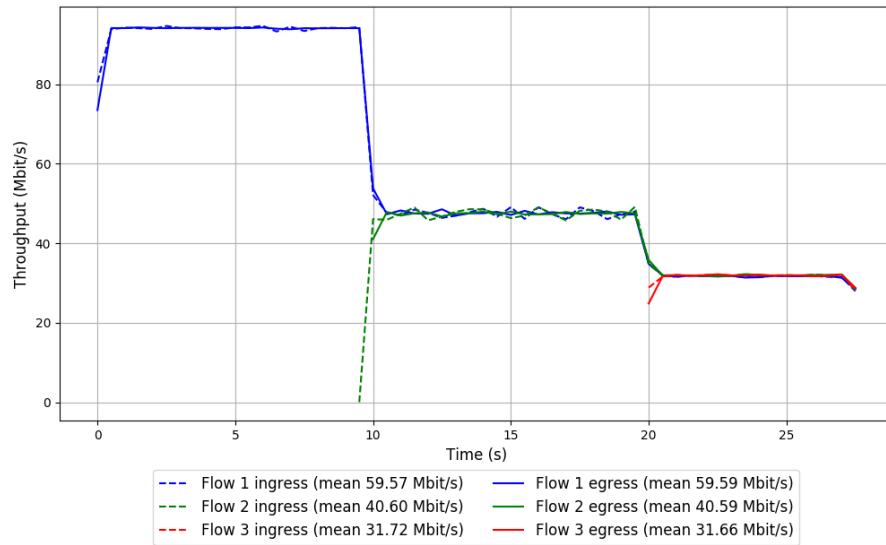


Run 7: Statistics of TaoVA-100x

```
Start at: 2018-01-26 12:46:19
End at: 2018-01-26 12:46:49
Local clock offset: 3.163 ms
Remote clock offset: -12.323 ms

# Below is generated by plot.py at 2018-01-26 17:17:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.63 Mbit/s
95th percentile per-packet one-way delay: 62.844 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 59.59 Mbit/s
95th percentile per-packet one-way delay: 62.655 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 40.59 Mbit/s
95th percentile per-packet one-way delay: 62.889 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 31.66 Mbit/s
95th percentile per-packet one-way delay: 63.080 ms
Loss rate: 0.69%
```

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

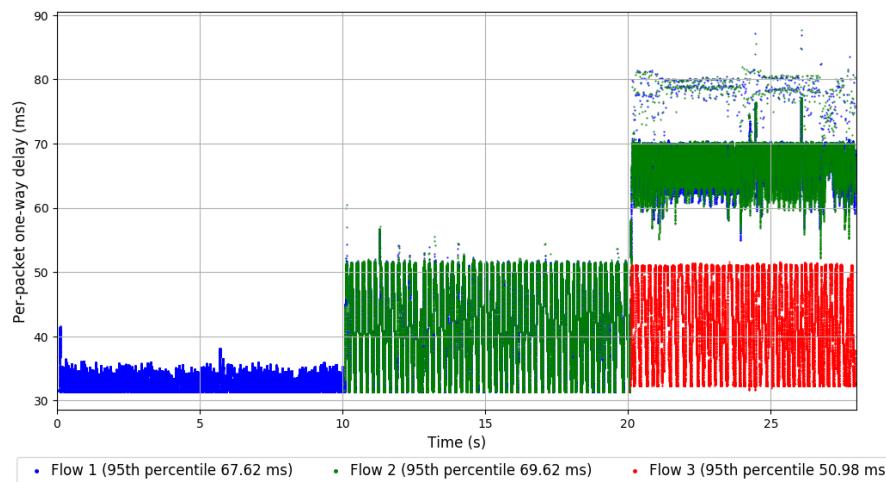
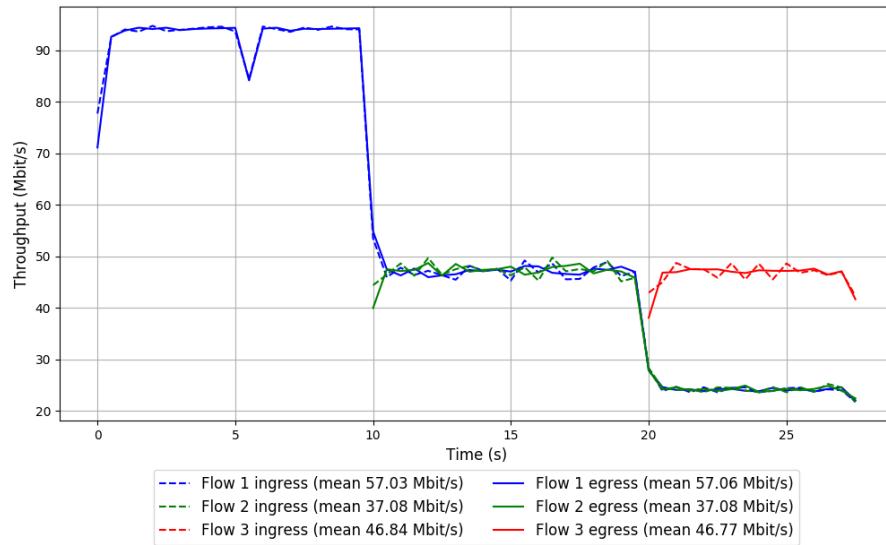


Run 8: Statistics of TaoVA-100x

```
Start at: 2018-01-26 13:06:00
End at: 2018-01-26 13:06:30
Local clock offset: 3.061 ms
Remote clock offset: -9.527 ms

# Below is generated by plot.py at 2018-01-26 17:17:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.09 Mbit/s
95th percentile per-packet one-way delay: 68.285 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 57.06 Mbit/s
95th percentile per-packet one-way delay: 67.623 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 37.08 Mbit/s
95th percentile per-packet one-way delay: 69.624 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 46.77 Mbit/s
95th percentile per-packet one-way delay: 50.975 ms
Loss rate: 0.58%
```

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

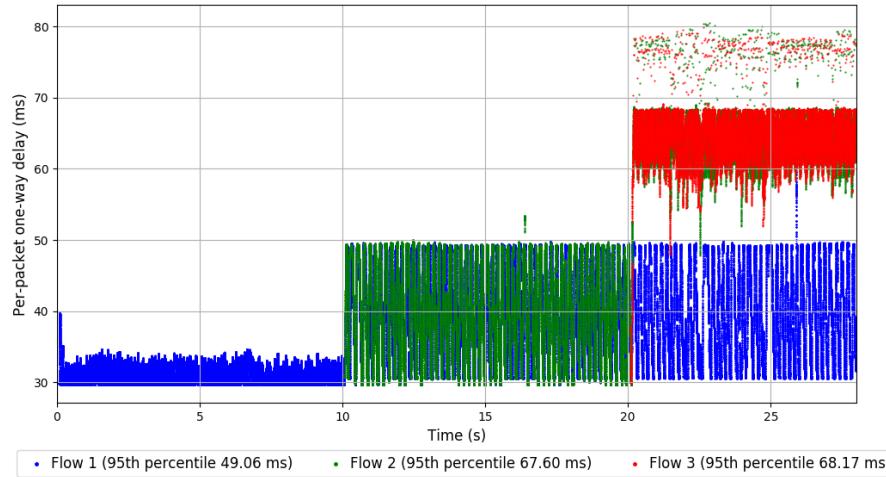
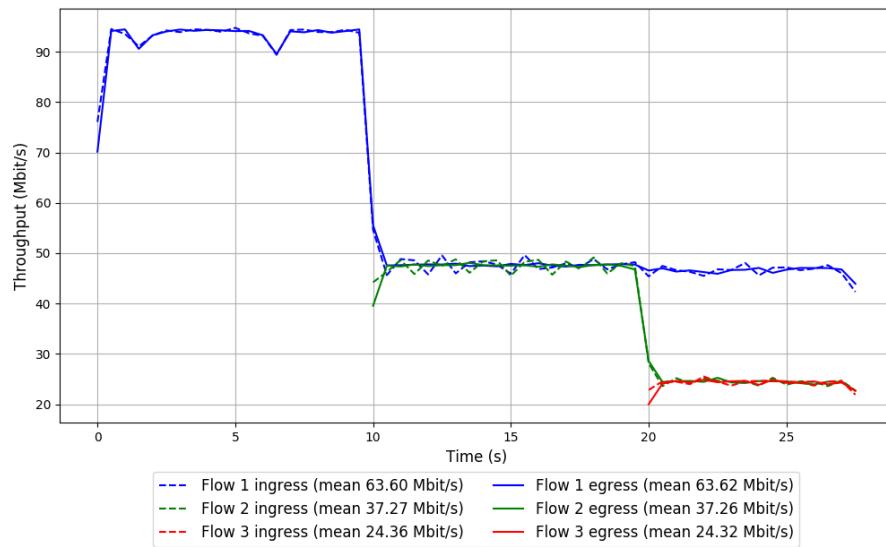


Run 9: Statistics of TaoVA-100x

```
Start at: 2018-01-26 13:25:41
End at: 2018-01-26 13:26:11
Local clock offset: 0.983 ms
Remote clock offset: -11.514 ms

# Below is generated by plot.py at 2018-01-26 17:19:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.41 Mbit/s
95th percentile per-packet one-way delay: 66.016 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 63.62 Mbit/s
95th percentile per-packet one-way delay: 49.064 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 37.26 Mbit/s
95th percentile per-packet one-way delay: 67.599 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 24.32 Mbit/s
95th percentile per-packet one-way delay: 68.170 ms
Loss rate: 0.72%
```

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

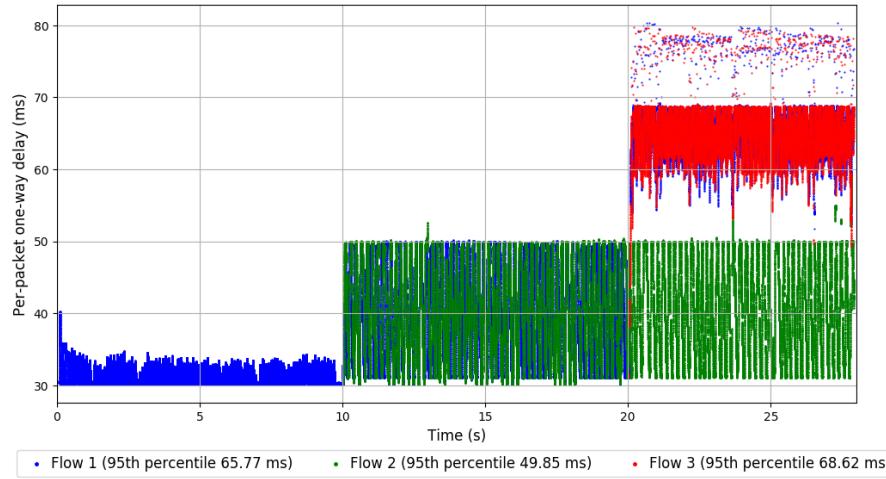
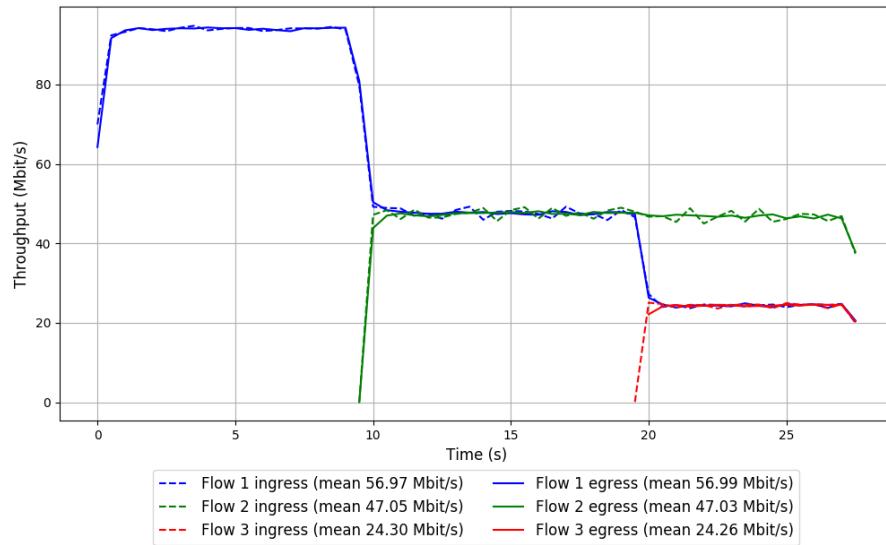


Run 10: Statistics of TaoVA-100x

```
Start at: 2018-01-26 13:45:26
End at: 2018-01-26 13:45:56
Local clock offset: 1.543 ms
Remote clock offset: -12.333 ms

# Below is generated by plot.py at 2018-01-26 17:19:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.11 Mbit/s
95th percentile per-packet one-way delay: 66.394 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 56.99 Mbit/s
95th percentile per-packet one-way delay: 65.773 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 47.03 Mbit/s
95th percentile per-packet one-way delay: 49.847 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 24.26 Mbit/s
95th percentile per-packet one-way delay: 68.622 ms
Loss rate: 0.72%
```

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

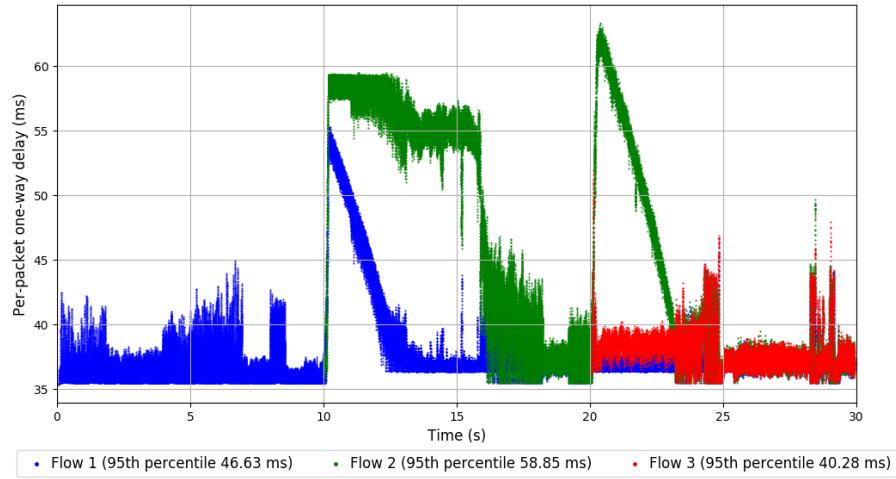
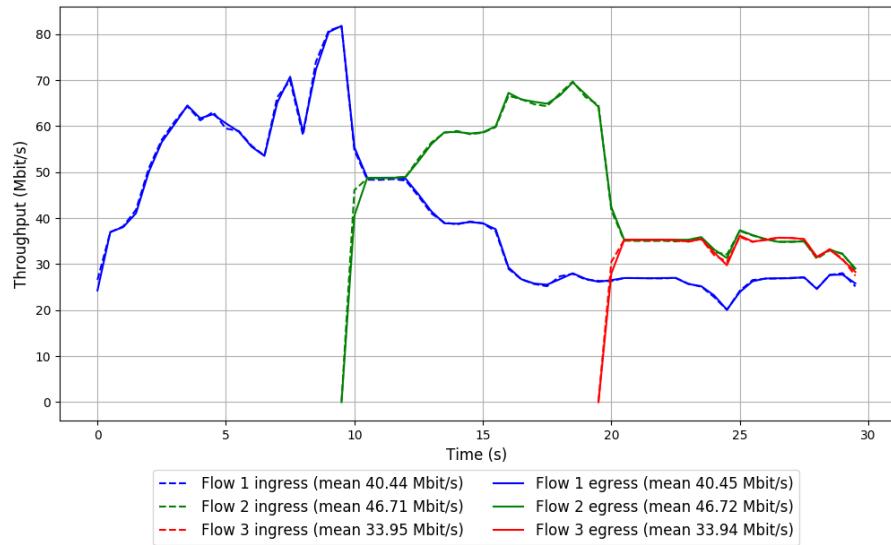


Run 1: Statistics of TCP Vegas

```
Start at: 2018-01-26 10:52:45
End at: 2018-01-26 10:53:15
Local clock offset: 4.303 ms
Remote clock offset: -20.244 ms

# Below is generated by plot.py at 2018-01-26 17:19:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 82.89 Mbit/s
95th percentile per-packet one-way delay: 57.519 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 40.45 Mbit/s
95th percentile per-packet one-way delay: 46.632 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 46.72 Mbit/s
95th percentile per-packet one-way delay: 58.851 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 33.94 Mbit/s
95th percentile per-packet one-way delay: 40.283 ms
Loss rate: 0.27%
```

Run 1: Report of TCP Vegas — Data Link

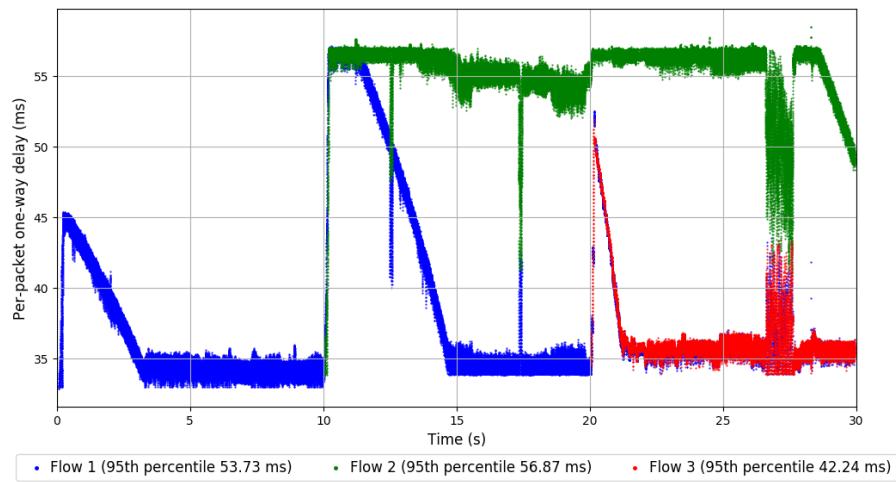
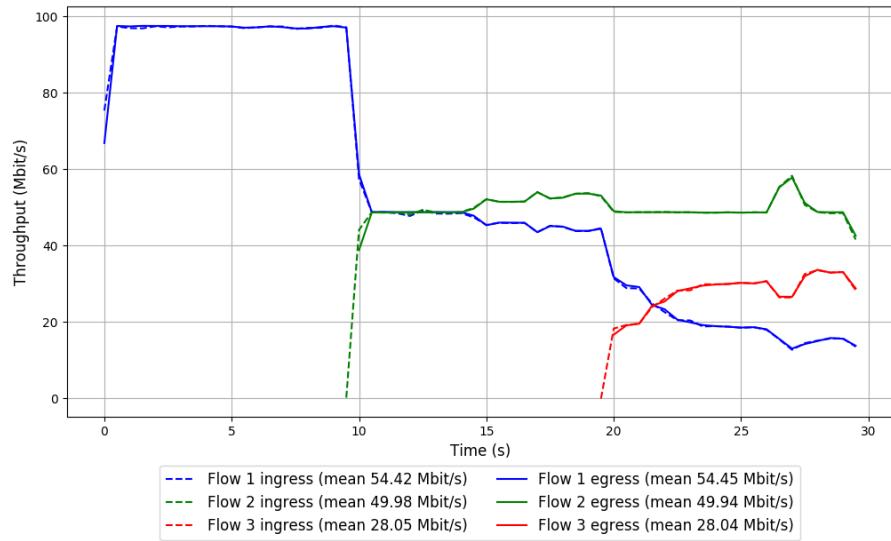


Run 2: Statistics of TCP Vegas

```
Start at: 2018-01-26 11:11:34
End at: 2018-01-26 11:12:04
Local clock offset: 3.703 ms
Remote clock offset: -16.577 ms

# Below is generated by plot.py at 2018-01-26 17:19:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 56.723 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 54.45 Mbit/s
95th percentile per-packet one-way delay: 53.731 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 49.94 Mbit/s
95th percentile per-packet one-way delay: 56.866 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 28.04 Mbit/s
95th percentile per-packet one-way delay: 42.245 ms
Loss rate: 0.34%
```

Run 2: Report of TCP Vegas — Data Link

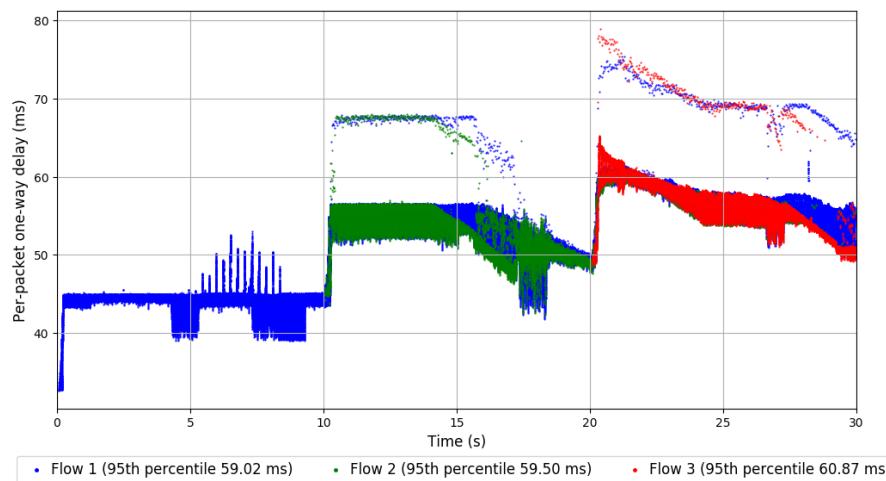
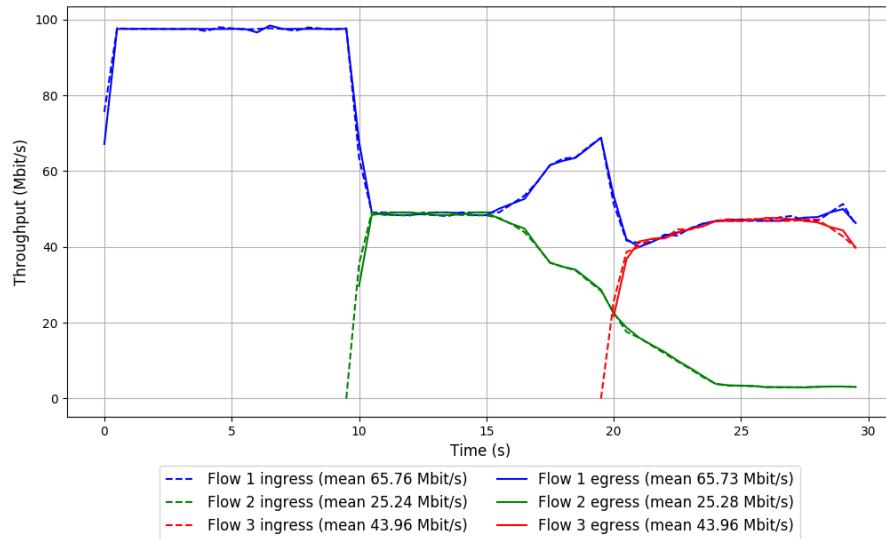


Run 3: Statistics of TCP Vegas

```
Start at: 2018-01-26 11:30:26
End at: 2018-01-26 11:30:56
Local clock offset: 4.52 ms
Remote clock offset: -14.071 ms

# Below is generated by plot.py at 2018-01-26 17:19:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 59.648 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 65.73 Mbit/s
95th percentile per-packet one-way delay: 59.022 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 25.28 Mbit/s
95th percentile per-packet one-way delay: 59.498 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 43.96 Mbit/s
95th percentile per-packet one-way delay: 60.874 ms
Loss rate: 0.44%
```

Run 3: Report of TCP Vegas — Data Link

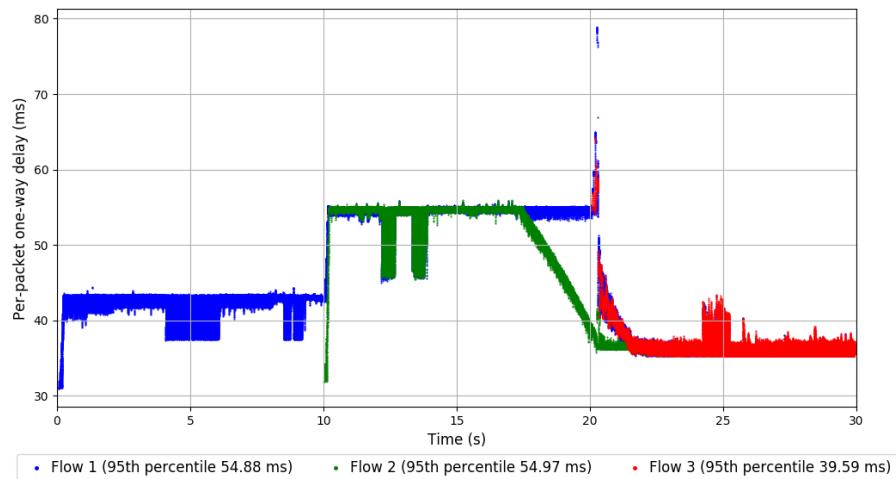
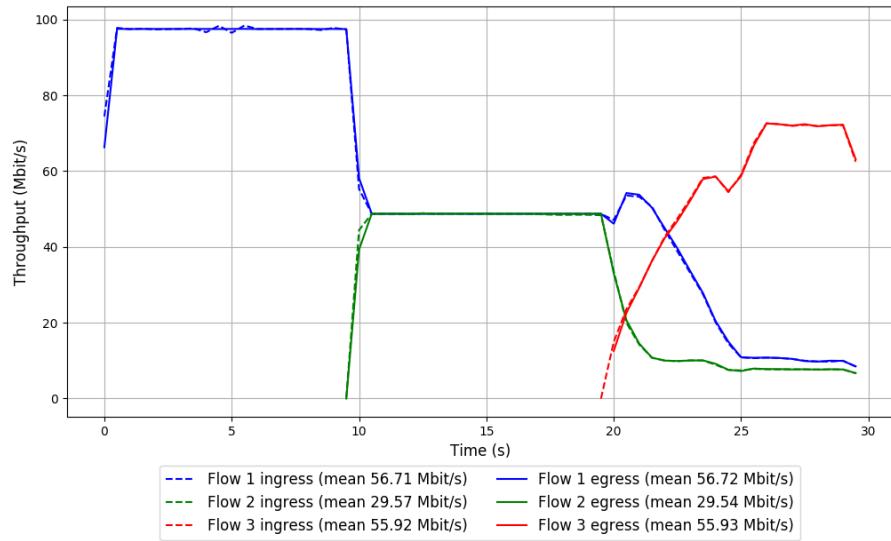


Run 4: Statistics of TCP Vegas

```
Start at: 2018-01-26 11:49:35
End at: 2018-01-26 11:50:05
Local clock offset: 1.903 ms
Remote clock offset: -14.017 ms

# Below is generated by plot.py at 2018-01-26 17:19:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.92 Mbit/s
95th percentile per-packet one-way delay: 54.906 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 56.72 Mbit/s
95th percentile per-packet one-way delay: 54.879 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 29.54 Mbit/s
95th percentile per-packet one-way delay: 54.974 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 55.93 Mbit/s
95th percentile per-packet one-way delay: 39.594 ms
Loss rate: 0.47%
```

Run 4: Report of TCP Vegas — Data Link

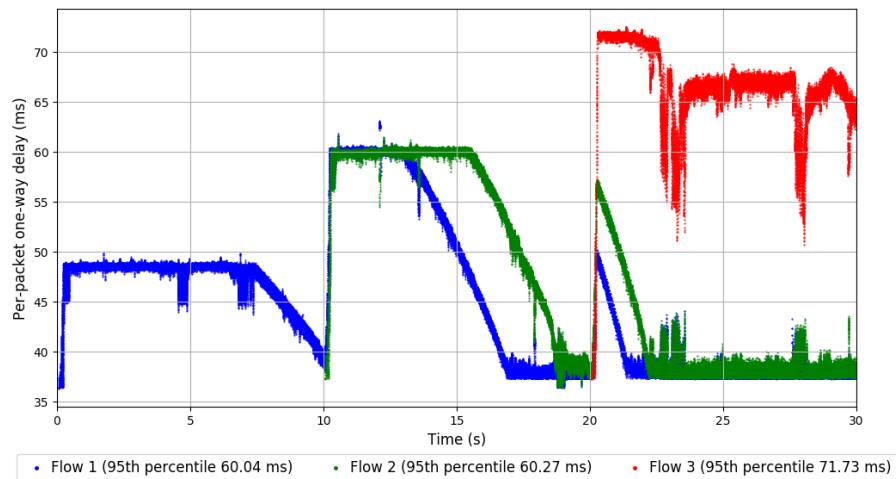
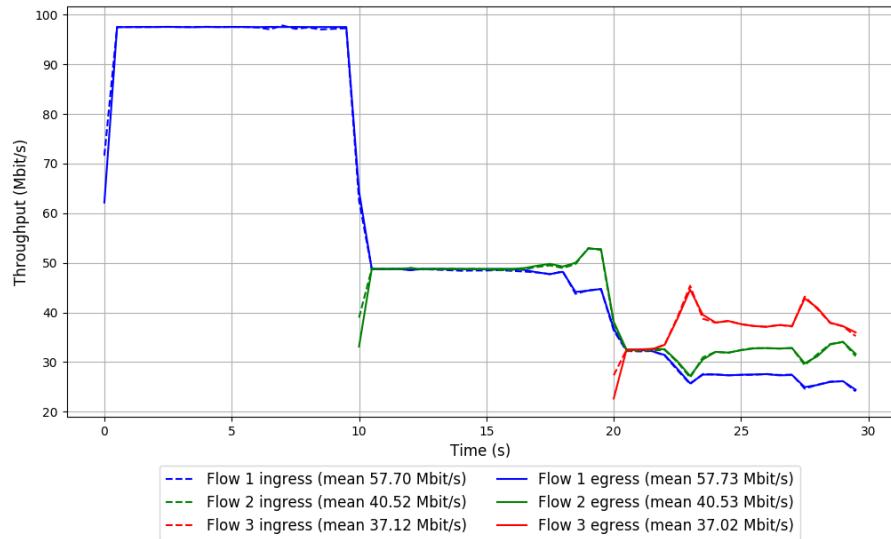


Run 5: Statistics of TCP Vegas

```
Start at: 2018-01-26 12:08:38
End at: 2018-01-26 12:09:08
Local clock offset: 3.249 ms
Remote clock offset: -12.635 ms

# Below is generated by plot.py at 2018-01-26 17:19:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.98 Mbit/s
95th percentile per-packet one-way delay: 67.005 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 57.73 Mbit/s
95th percentile per-packet one-way delay: 60.043 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 40.53 Mbit/s
95th percentile per-packet one-way delay: 60.270 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 37.02 Mbit/s
95th percentile per-packet one-way delay: 71.734 ms
Loss rate: 0.58%
```

Run 5: Report of TCP Vegas — Data Link

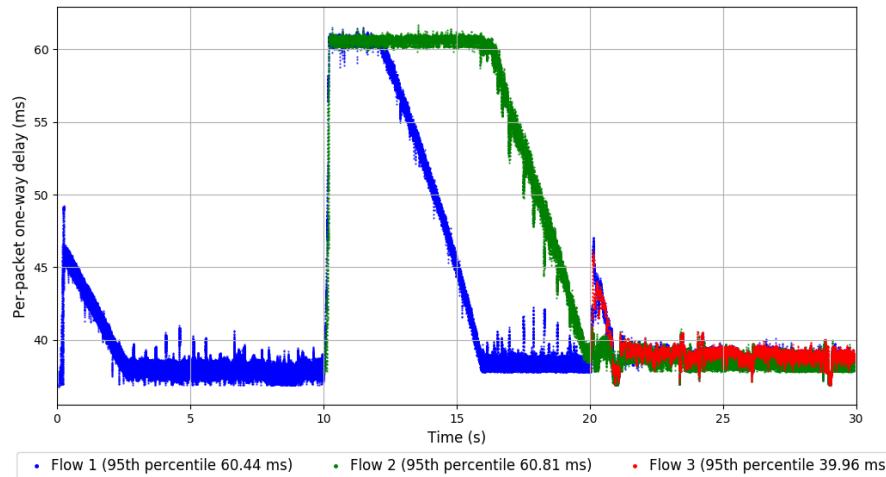
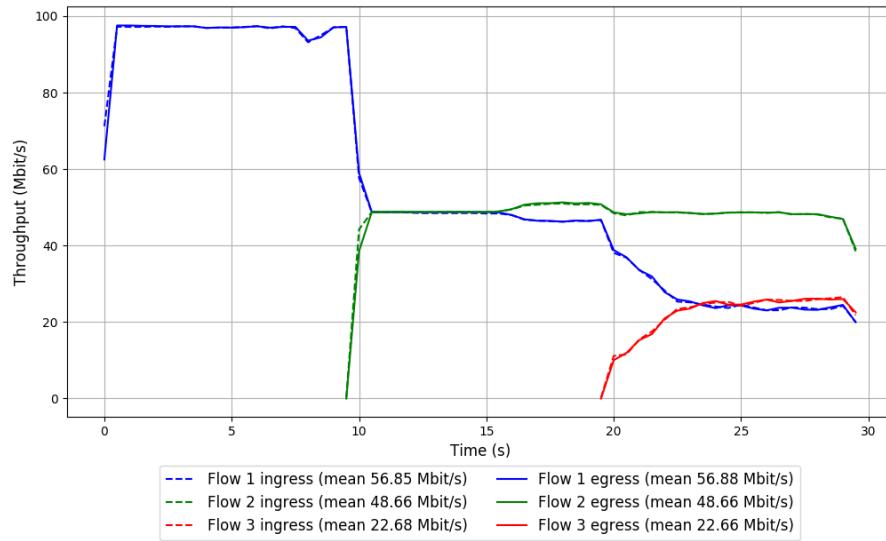


Run 6: Statistics of TCP Vegas

```
Start at: 2018-01-26 12:27:57
End at: 2018-01-26 12:28:27
Local clock offset: 3.705 ms
Remote clock offset: -11.142 ms

# Below is generated by plot.py at 2018-01-26 17:19:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.84 Mbit/s
95th percentile per-packet one-way delay: 60.704 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 56.88 Mbit/s
95th percentile per-packet one-way delay: 60.441 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 48.66 Mbit/s
95th percentile per-packet one-way delay: 60.814 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 22.66 Mbit/s
95th percentile per-packet one-way delay: 39.958 ms
Loss rate: 0.37%
```

Run 6: Report of TCP Vegas — Data Link

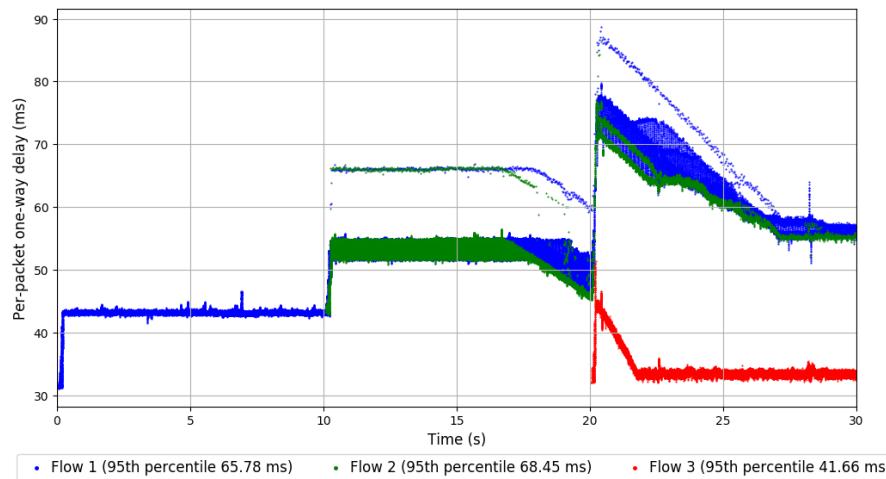
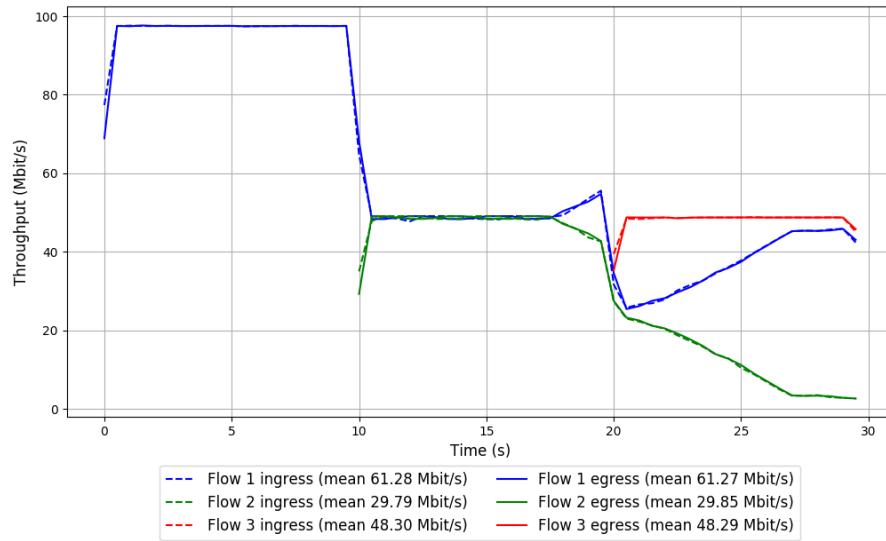


Run 7: Statistics of TCP Vegas

```
Start at: 2018-01-26 12:47:42
End at: 2018-01-26 12:48:12
Local clock offset: 2.241 ms
Remote clock offset: -10.826 ms

# Below is generated by plot.py at 2018-01-26 17:19:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.14 Mbit/s
95th percentile per-packet one-way delay: 65.284 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 61.27 Mbit/s
95th percentile per-packet one-way delay: 65.776 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 29.85 Mbit/s
95th percentile per-packet one-way delay: 68.446 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 48.29 Mbit/s
95th percentile per-packet one-way delay: 41.662 ms
Loss rate: 0.27%
```

Run 7: Report of TCP Vegas — Data Link

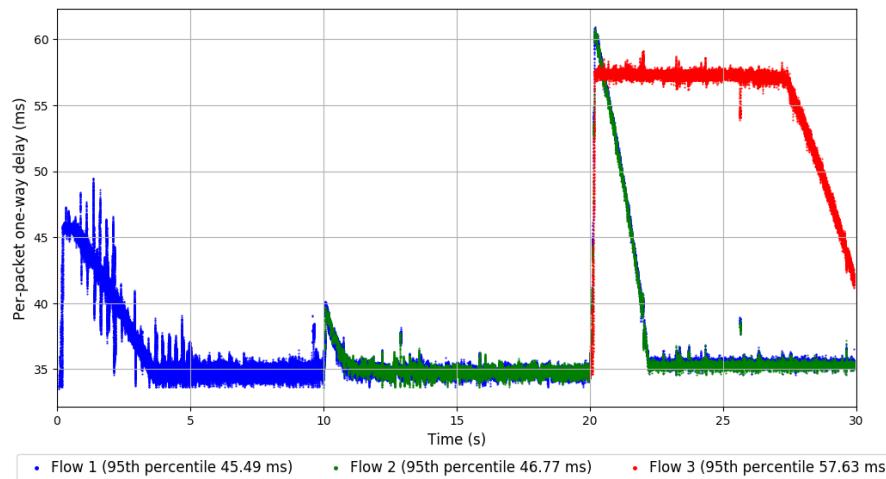
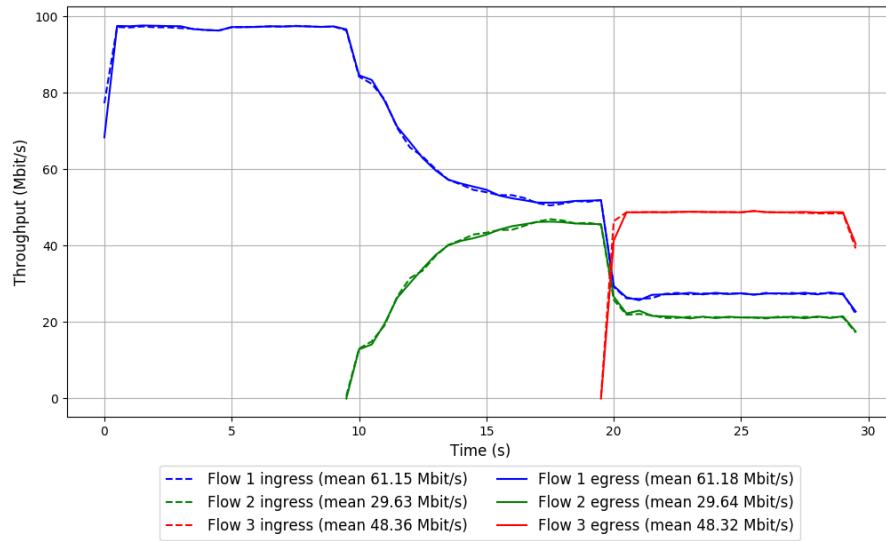


Run 8: Statistics of TCP Vegas

```
Start at: 2018-01-26 13:07:23
End at: 2018-01-26 13:07:53
Local clock offset: 3.701 ms
Remote clock offset: -11.107 ms

# Below is generated by plot.py at 2018-01-26 17:19:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.02 Mbit/s
95th percentile per-packet one-way delay: 57.433 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 61.18 Mbit/s
95th percentile per-packet one-way delay: 45.493 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 29.64 Mbit/s
95th percentile per-packet one-way delay: 46.769 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 48.32 Mbit/s
95th percentile per-packet one-way delay: 57.630 ms
Loss rate: 0.33%
```

Run 8: Report of TCP Vegas — Data Link

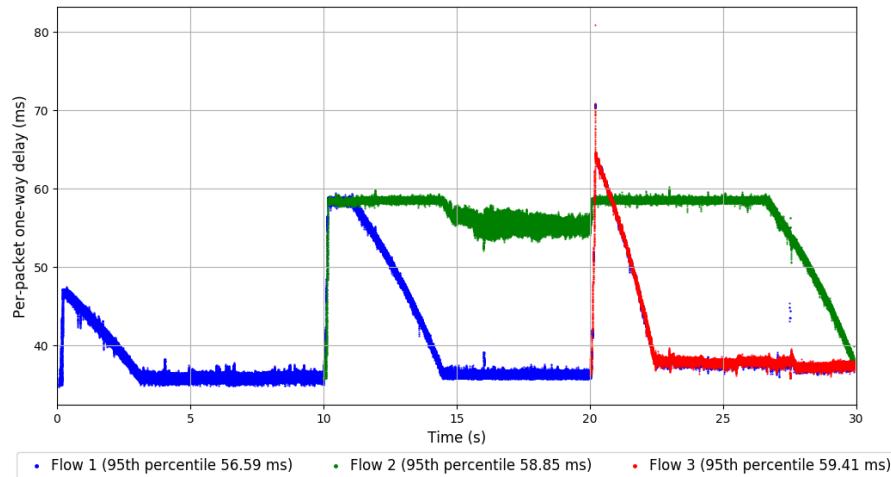
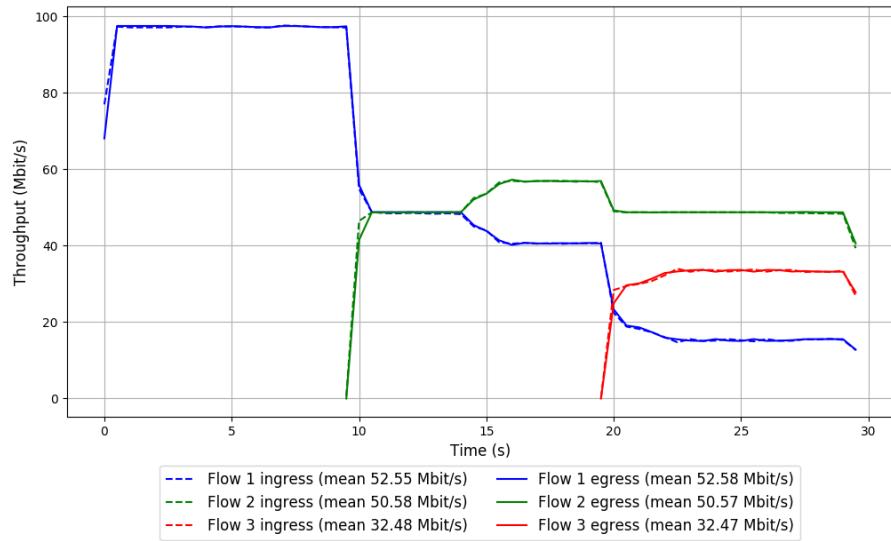


Run 9: Statistics of TCP Vegas

```
Start at: 2018-01-26 13:27:03
End at: 2018-01-26 13:27:33
Local clock offset: 3.441 ms
Remote clock offset: -14.297 ms

# Below is generated by plot.py at 2018-01-26 17:19:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 58.784 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 52.58 Mbit/s
95th percentile per-packet one-way delay: 56.591 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 50.57 Mbit/s
95th percentile per-packet one-way delay: 58.851 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 32.47 Mbit/s
95th percentile per-packet one-way delay: 59.405 ms
Loss rate: 0.29%
```

Run 9: Report of TCP Vegas — Data Link

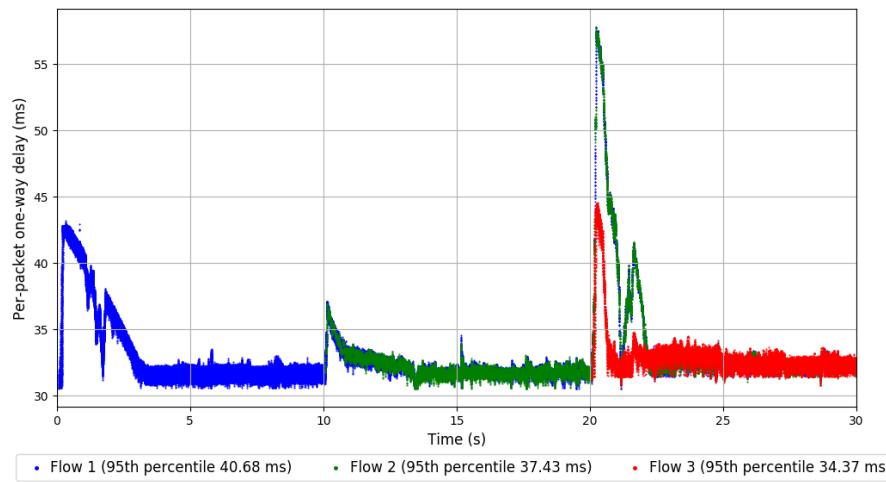
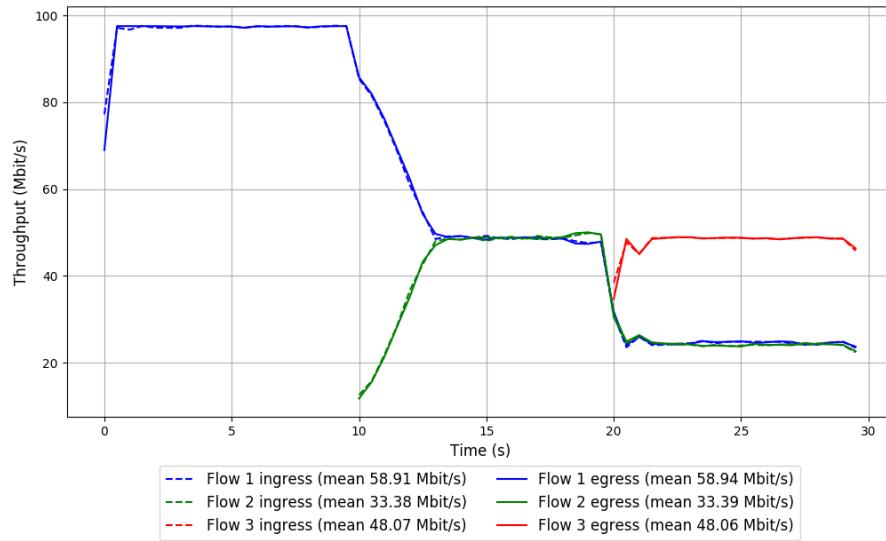


Run 10: Statistics of TCP Vegas

```
Start at: 2018-01-26 13:46:45
End at: 2018-01-26 13:47:15
Local clock offset: 0.458 ms
Remote clock offset: -13.91 ms

# Below is generated by plot.py at 2018-01-26 17:19:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 39.915 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 58.94 Mbit/s
95th percentile per-packet one-way delay: 40.683 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 33.39 Mbit/s
95th percentile per-packet one-way delay: 37.430 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 48.06 Mbit/s
95th percentile per-packet one-way delay: 34.367 ms
Loss rate: 0.27%
```

Run 10: Report of TCP Vegas — Data Link

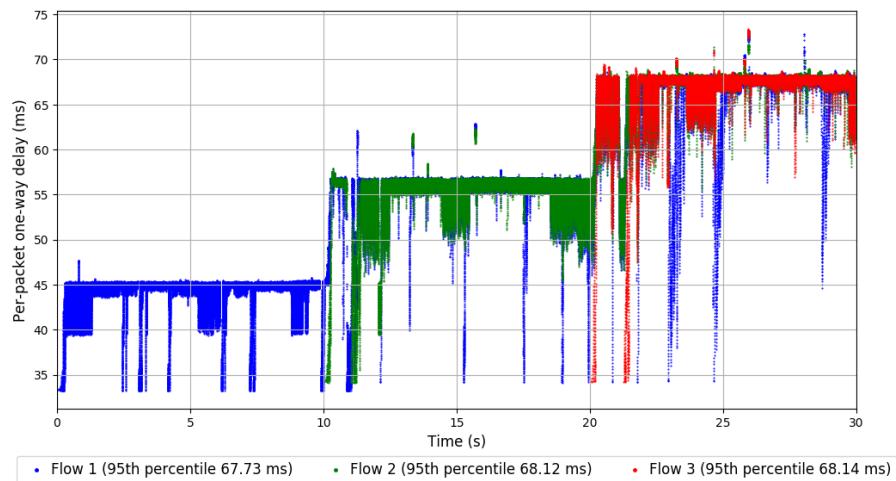
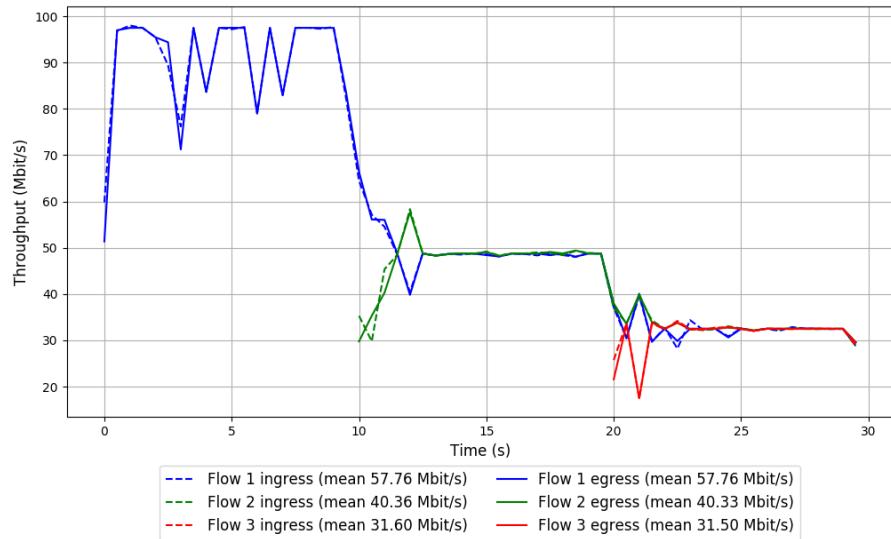


Run 1: Statistics of Verus

```
Start at: 2018-01-26 10:36:13
End at: 2018-01-26 10:36:43
Local clock offset: 3.941 ms
Remote clock offset: -18.124 ms

# Below is generated by plot.py at 2018-01-26 17:20:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.04 Mbit/s
95th percentile per-packet one-way delay: 68.020 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 57.76 Mbit/s
95th percentile per-packet one-way delay: 67.733 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.33 Mbit/s
95th percentile per-packet one-way delay: 68.116 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 31.50 Mbit/s
95th percentile per-packet one-way delay: 68.135 ms
Loss rate: 0.58%
```

Run 1: Report of Verus — Data Link

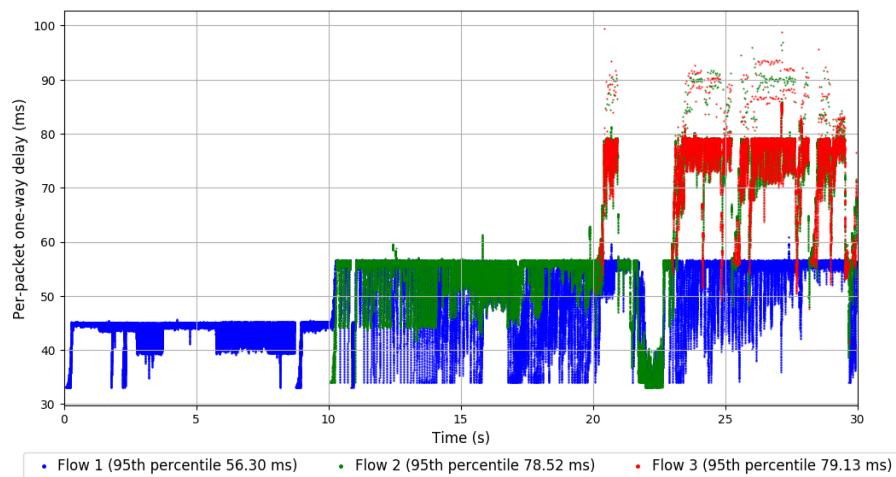
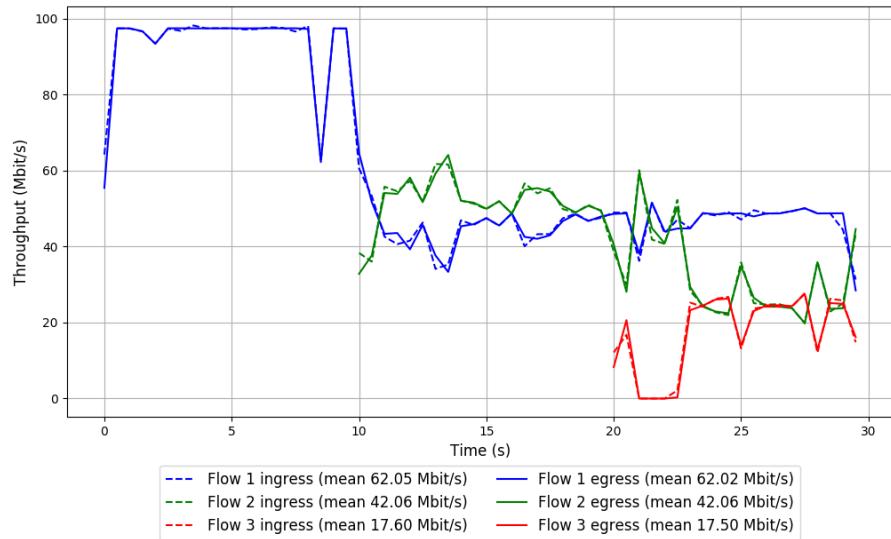


Run 2: Statistics of Verus

```
Start at: 2018-01-26 10:55:05
End at: 2018-01-26 10:55:35
Local clock offset: 5.107 ms
Remote clock offset: -16.923 ms

# Below is generated by plot.py at 2018-01-26 17:20:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.80 Mbit/s
95th percentile per-packet one-way delay: 77.532 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 62.02 Mbit/s
95th percentile per-packet one-way delay: 56.304 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 42.06 Mbit/s
95th percentile per-packet one-way delay: 78.524 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 17.50 Mbit/s
95th percentile per-packet one-way delay: 79.129 ms
Loss rate: 0.98%
```

Run 2: Report of Verus — Data Link

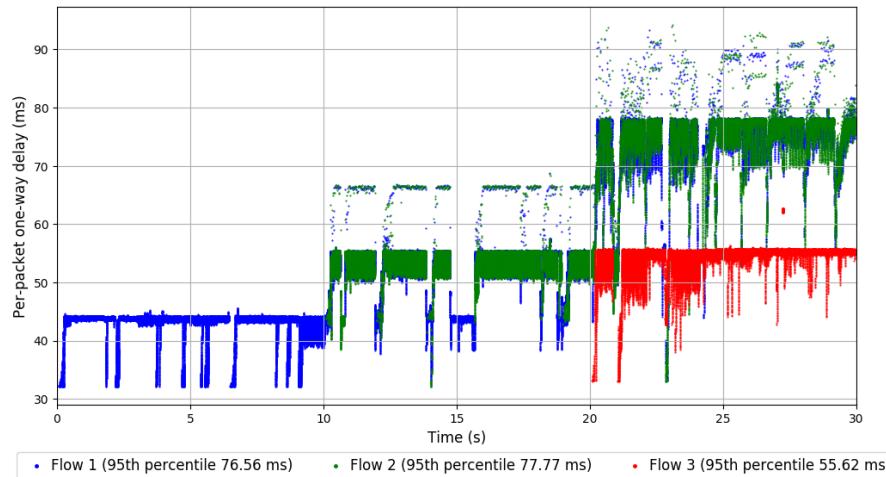
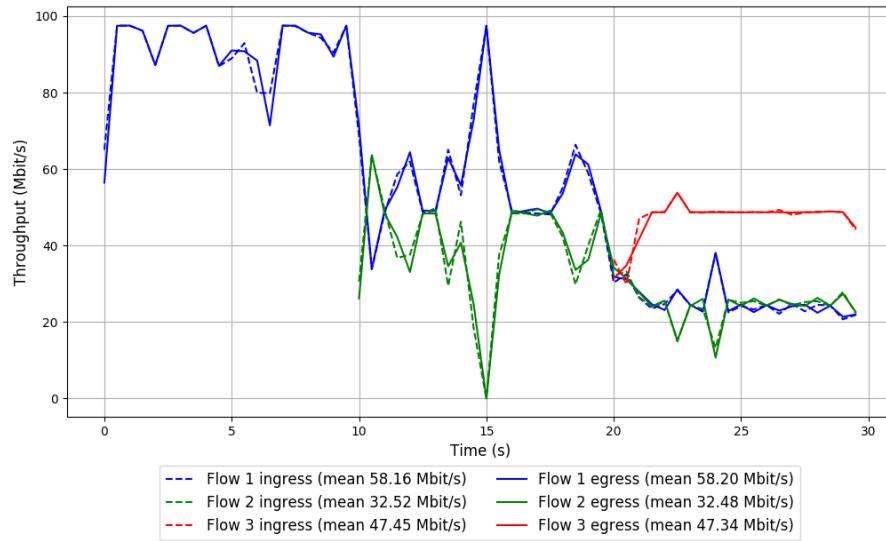


Run 3: Statistics of Verus

```
Start at: 2018-01-26 11:13:58
End at: 2018-01-26 11:14:28
Local clock offset: 2.035 ms
Remote clock offset: -17.25 ms

# Below is generated by plot.py at 2018-01-26 17:20:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.45 Mbit/s
95th percentile per-packet one-way delay: 77.081 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 58.20 Mbit/s
95th percentile per-packet one-way delay: 76.555 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 32.48 Mbit/s
95th percentile per-packet one-way delay: 77.773 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 47.34 Mbit/s
95th percentile per-packet one-way delay: 55.621 ms
Loss rate: 0.51%
```

Run 3: Report of Verus — Data Link

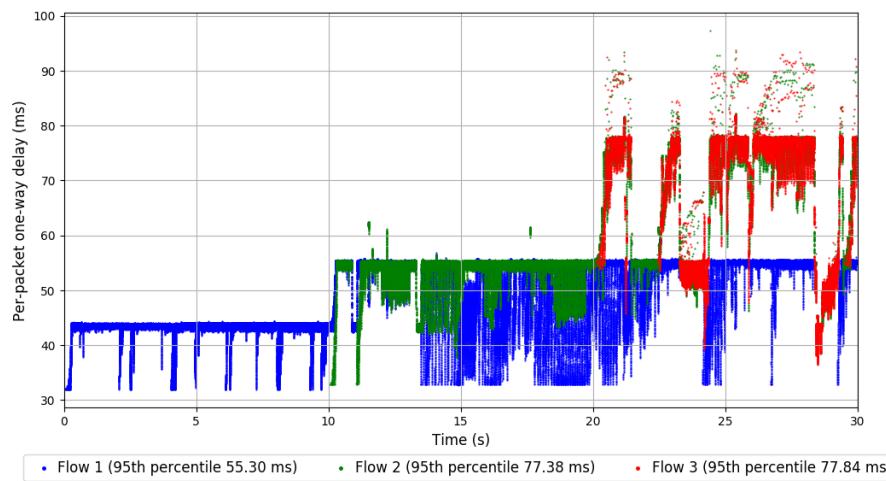
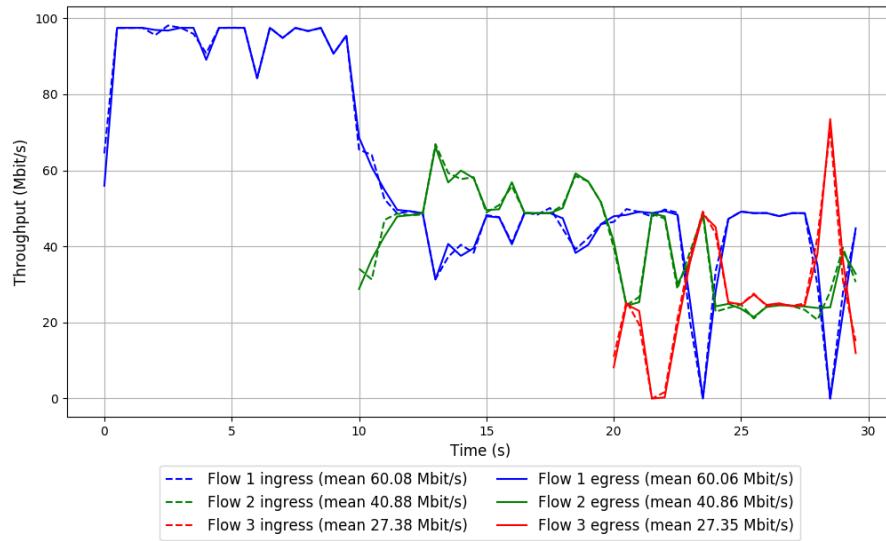


Run 4: Statistics of Verus

```
Start at: 2018-01-26 11:32:48
End at: 2018-01-26 11:33:18
Local clock offset: 3.319 ms
Remote clock offset: -14.255 ms

# Below is generated by plot.py at 2018-01-26 17:20:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.29 Mbit/s
95th percentile per-packet one-way delay: 76.263 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 60.06 Mbit/s
95th percentile per-packet one-way delay: 55.299 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 40.86 Mbit/s
95th percentile per-packet one-way delay: 77.379 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 27.35 Mbit/s
95th percentile per-packet one-way delay: 77.837 ms
Loss rate: 0.60%
```

Run 4: Report of Verus — Data Link

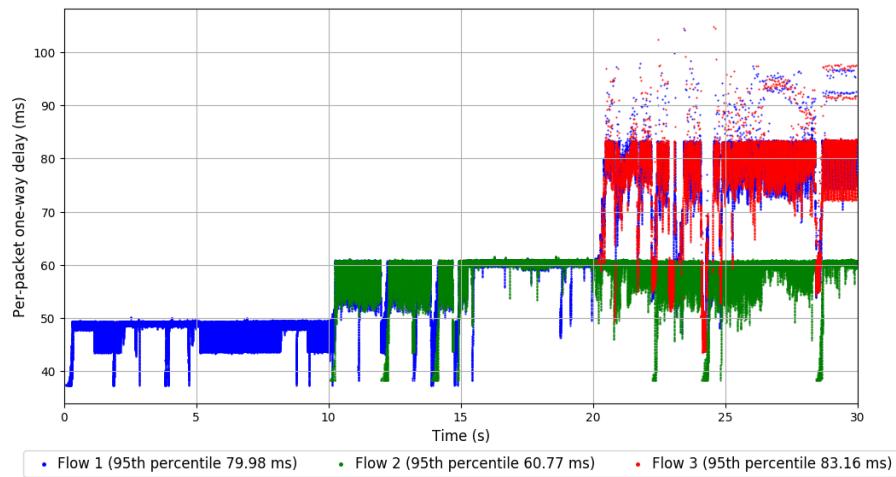
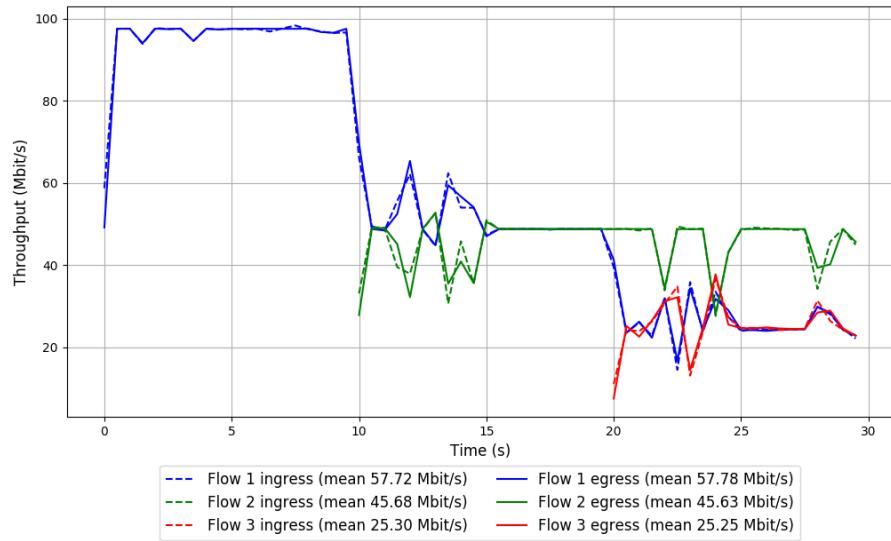


Run 5: Statistics of Verus

```
Start at: 2018-01-26 11:51:57
End at: 2018-01-26 11:52:27
Local clock offset: 3.914 ms
Remote clock offset: -13.778 ms

# Below is generated by plot.py at 2018-01-26 17:20:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.49 Mbit/s
95th percentile per-packet one-way delay: 80.576 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 57.78 Mbit/s
95th percentile per-packet one-way delay: 79.983 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 45.63 Mbit/s
95th percentile per-packet one-way delay: 60.769 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 25.25 Mbit/s
95th percentile per-packet one-way delay: 83.157 ms
Loss rate: 0.76%
```

Run 5: Report of Verus — Data Link

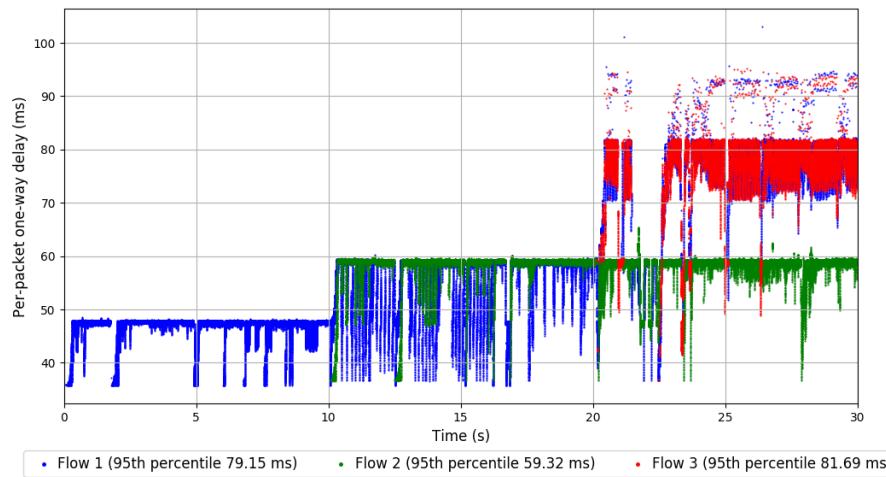
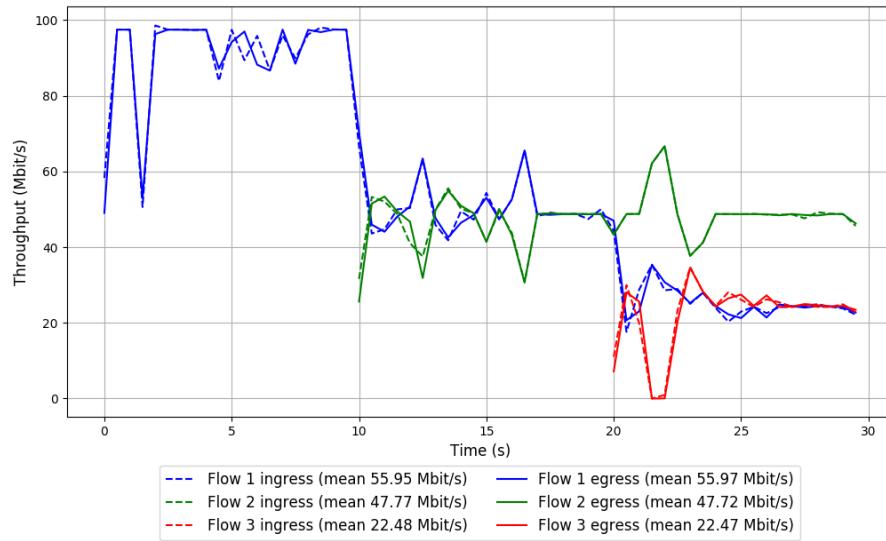


Run 6: Statistics of Verus

```
Start at: 2018-01-26 12:11:01
End at: 2018-01-26 12:11:31
Local clock offset: 2.838 ms
Remote clock offset: -12.322 ms

# Below is generated by plot.py at 2018-01-26 17:21:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.13 Mbit/s
95th percentile per-packet one-way delay: 79.705 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 55.97 Mbit/s
95th percentile per-packet one-way delay: 79.147 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 47.72 Mbit/s
95th percentile per-packet one-way delay: 59.317 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 22.47 Mbit/s
95th percentile per-packet one-way delay: 81.688 ms
Loss rate: 0.73%
```

Run 6: Report of Verus — Data Link

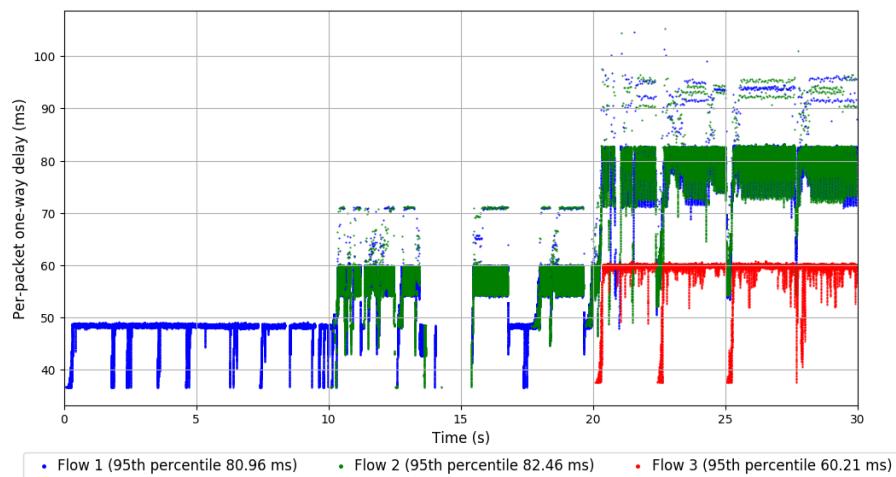
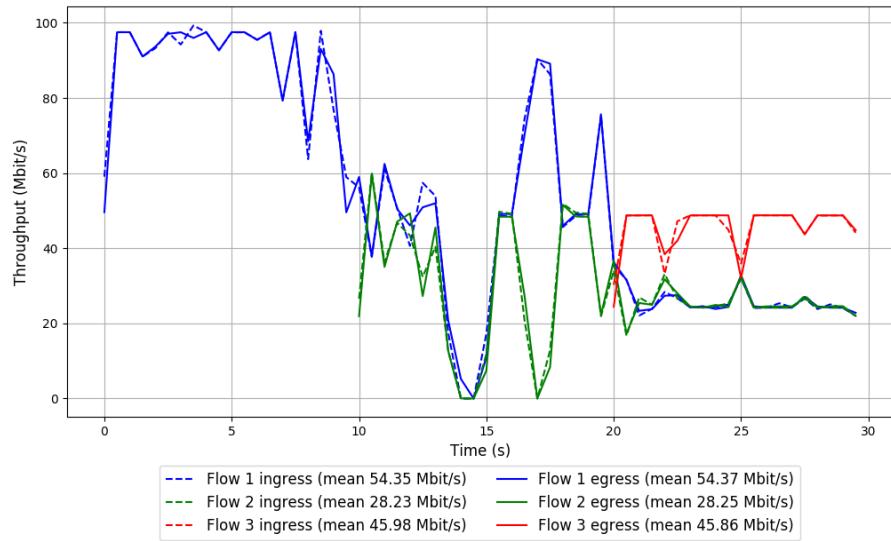


Run 7: Statistics of Verus

```
Start at: 2018-01-26 12:30:26
End at: 2018-01-26 12:30:56
Local clock offset: 1.082 ms
Remote clock offset: -13.418 ms

# Below is generated by plot.py at 2018-01-26 17:21:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.31 Mbit/s
95th percentile per-packet one-way delay: 81.641 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 54.37 Mbit/s
95th percentile per-packet one-way delay: 80.963 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 28.25 Mbit/s
95th percentile per-packet one-way delay: 82.457 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 45.86 Mbit/s
95th percentile per-packet one-way delay: 60.206 ms
Loss rate: 0.57%
```

Run 7: Report of Verus — Data Link

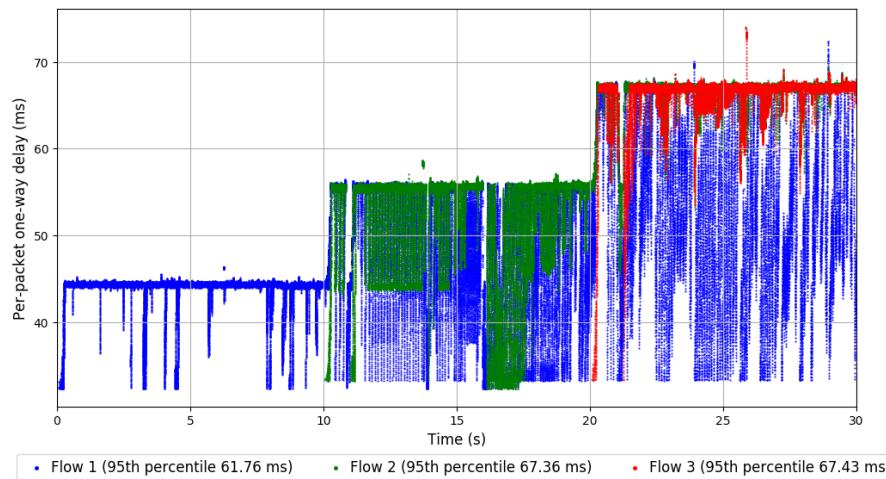
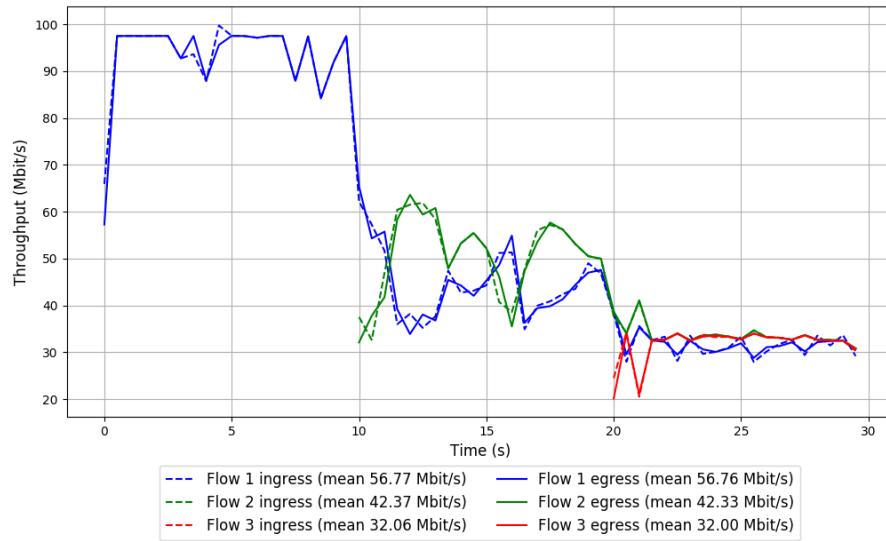


Run 8: Statistics of Verus

```
Start at: 2018-01-26 12:50:10
End at: 2018-01-26 12:50:40
Local clock offset: 2.672 ms
Remote clock offset: -11.445 ms

# Below is generated by plot.py at 2018-01-26 17:21:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.53 Mbit/s
95th percentile per-packet one-way delay: 67.297 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 56.76 Mbit/s
95th percentile per-packet one-way delay: 61.759 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 42.33 Mbit/s
95th percentile per-packet one-way delay: 67.365 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 32.00 Mbit/s
95th percentile per-packet one-way delay: 67.433 ms
Loss rate: 0.61%
```

Run 8: Report of Verus — Data Link

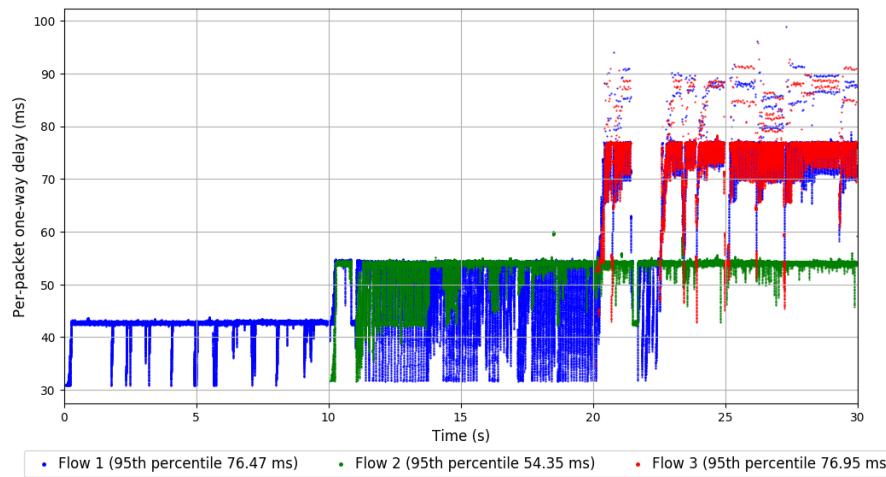
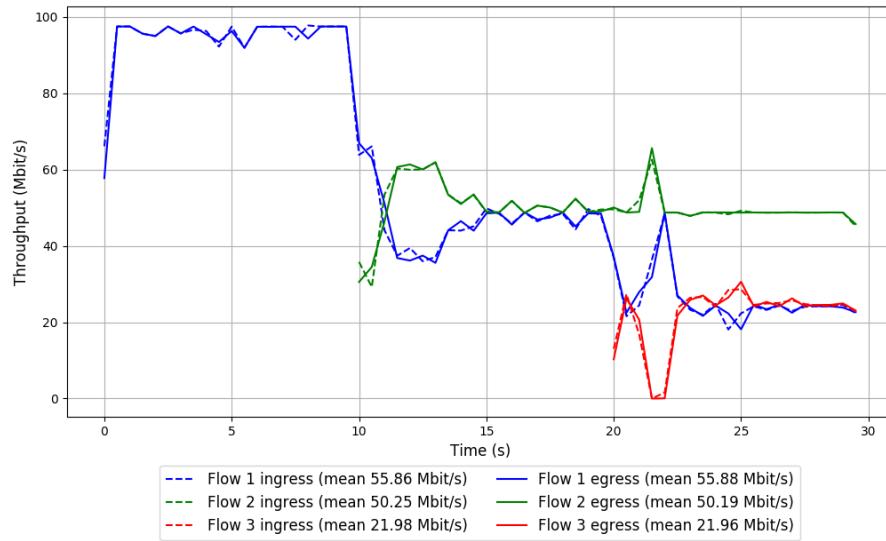


Run 9: Statistics of Verus

```
Start at: 2018-01-26 13:09:52
End at: 2018-01-26 13:10:22
Local clock offset: 1.292 ms
Remote clock offset: -10.883 ms

# Below is generated by plot.py at 2018-01-26 17:21:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.54 Mbit/s
95th percentile per-packet one-way delay: 76.628 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 55.88 Mbit/s
95th percentile per-packet one-way delay: 76.466 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 50.19 Mbit/s
95th percentile per-packet one-way delay: 54.352 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 21.96 Mbit/s
95th percentile per-packet one-way delay: 76.947 ms
Loss rate: 0.76%
```

Run 9: Report of Verus — Data Link

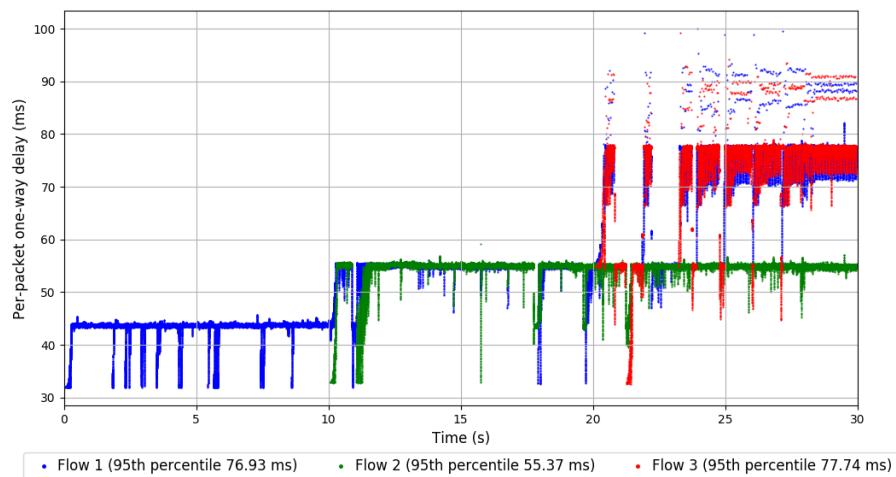
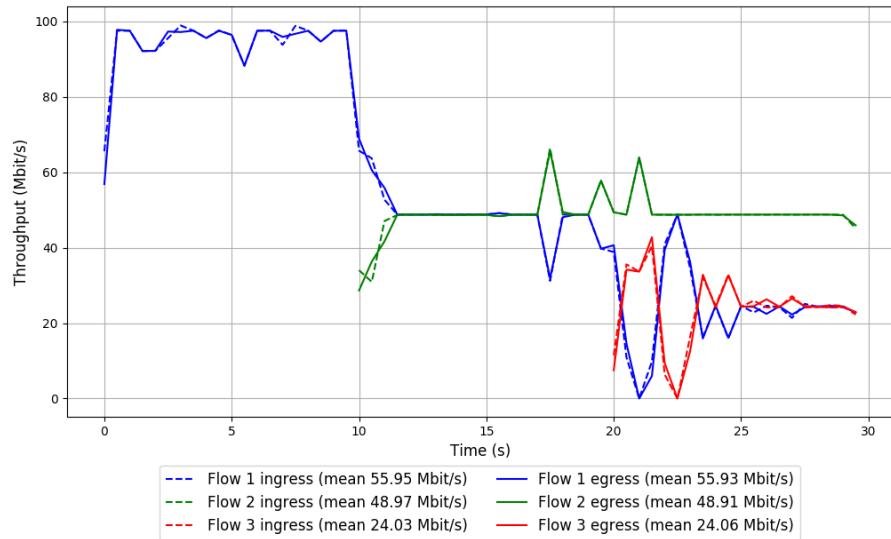


Run 10: Statistics of Verus

```
Start at: 2018-01-26 13:29:35
End at: 2018-01-26 13:30:05
Local clock offset: 1.221 ms
Remote clock offset: -13.123 ms

# Below is generated by plot.py at 2018-01-26 17:21:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.42 Mbit/s
95th percentile per-packet one-way delay: 77.330 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 55.93 Mbit/s
95th percentile per-packet one-way delay: 76.934 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 48.91 Mbit/s
95th percentile per-packet one-way delay: 55.365 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 24.06 Mbit/s
95th percentile per-packet one-way delay: 77.738 ms
Loss rate: 0.71%
```

Run 10: Report of Verus — Data Link

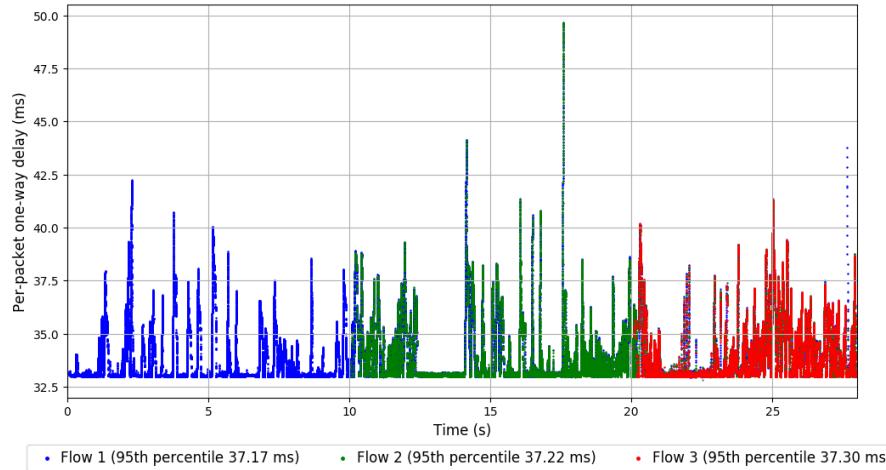
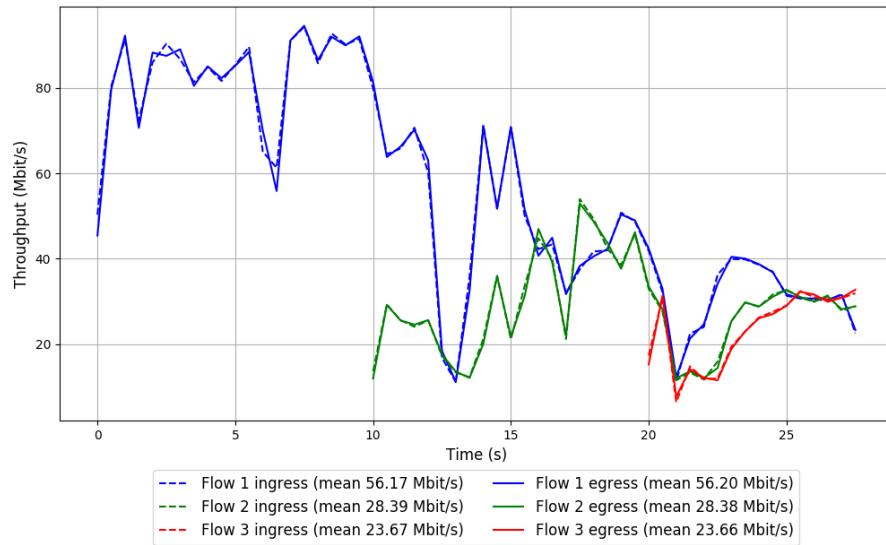


Run 1: Statistics of Copa

```
Start at: 2018-01-26 10:49:14
End at: 2018-01-26 10:49:44
Local clock offset: 3.333 ms
Remote clock offset: -18.669 ms

# Below is generated by plot.py at 2018-01-26 17:22:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 81.10 Mbit/s
95th percentile per-packet one-way delay: 37.188 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 56.20 Mbit/s
95th percentile per-packet one-way delay: 37.166 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 28.38 Mbit/s
95th percentile per-packet one-way delay: 37.220 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 23.66 Mbit/s
95th percentile per-packet one-way delay: 37.300 ms
Loss rate: 0.40%
```

Run 1: Report of Copa — Data Link

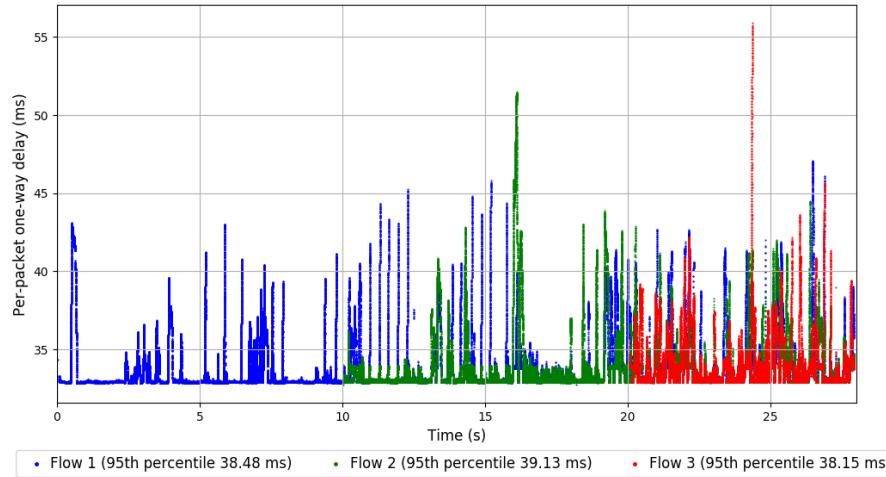
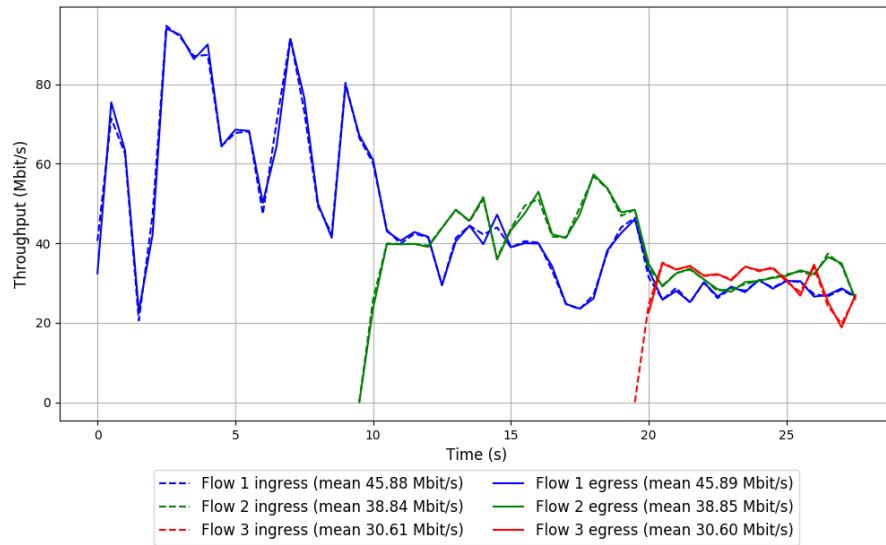


Run 2: Statistics of Copa

```
Start at: 2018-01-26 11:08:00
End at: 2018-01-26 11:08:30
Local clock offset: 4.359 ms
Remote clock offset: -16.012 ms

# Below is generated by plot.py at 2018-01-26 17:22:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.54 Mbit/s
95th percentile per-packet one-way delay: 38.651 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 45.89 Mbit/s
95th percentile per-packet one-way delay: 38.475 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 38.85 Mbit/s
95th percentile per-packet one-way delay: 39.135 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 30.60 Mbit/s
95th percentile per-packet one-way delay: 38.148 ms
Loss rate: 0.34%
```

Run 2: Report of Copa — Data Link

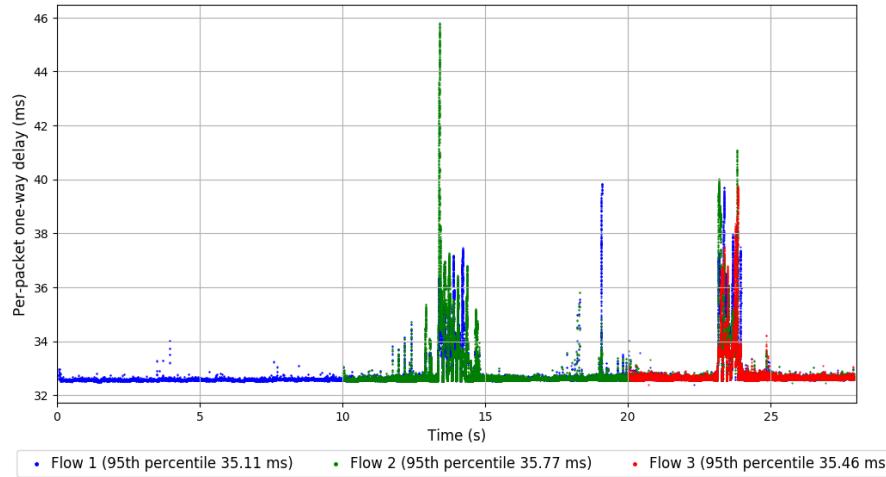
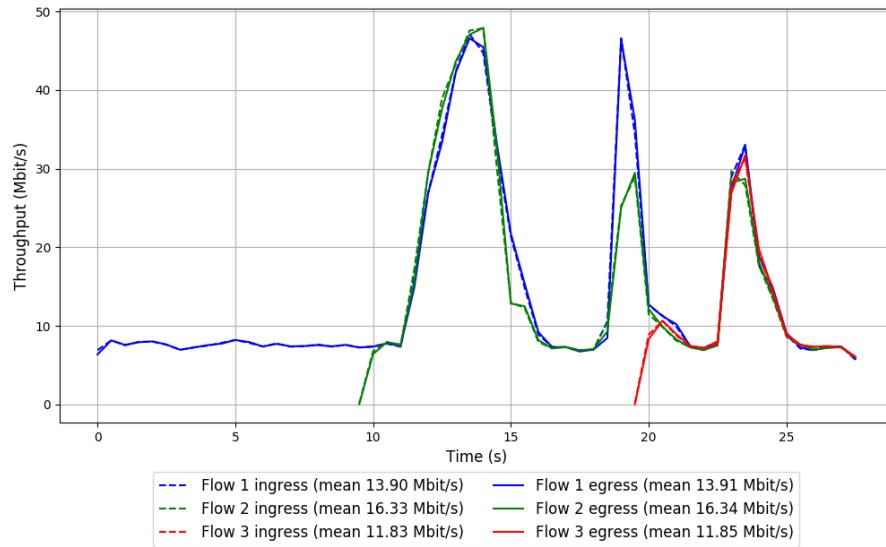


Run 3: Statistics of Copa

```
Start at: 2018-01-26 11:26:56
End at: 2018-01-26 11:27:26
Local clock offset: 3.189 ms
Remote clock offset: -15.645 ms

# Below is generated by plot.py at 2018-01-26 17:22:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 27.78 Mbit/s
95th percentile per-packet one-way delay: 35.367 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 13.91 Mbit/s
95th percentile per-packet one-way delay: 35.109 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 16.34 Mbit/s
95th percentile per-packet one-way delay: 35.770 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 11.85 Mbit/s
95th percentile per-packet one-way delay: 35.456 ms
Loss rate: 0.18%
```

Run 3: Report of Copa — Data Link

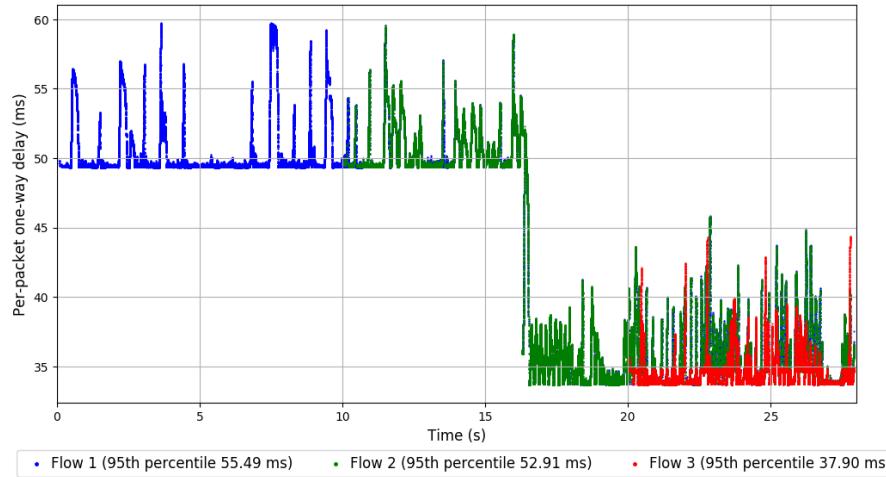
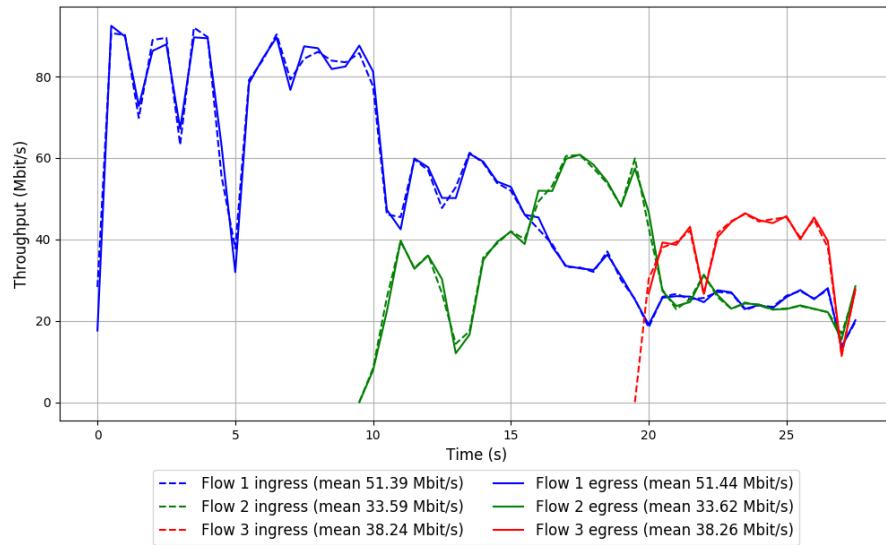


Run 4: Statistics of Copa

```
Start at: 2018-01-26 11:46:00
End at: 2018-01-26 11:46:30
Local clock offset: 4.262 ms
Remote clock offset: -14.628 ms

# Below is generated by plot.py at 2018-01-26 17:23:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.90 Mbit/s
95th percentile per-packet one-way delay: 54.258 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 51.44 Mbit/s
95th percentile per-packet one-way delay: 55.487 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 33.62 Mbit/s
95th percentile per-packet one-way delay: 52.906 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 38.26 Mbit/s
95th percentile per-packet one-way delay: 37.901 ms
Loss rate: 0.28%
```

Run 4: Report of Copa — Data Link

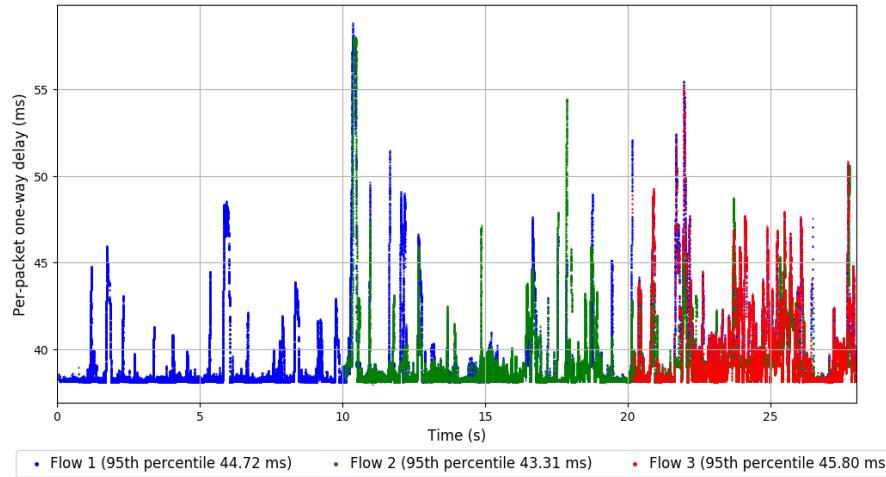
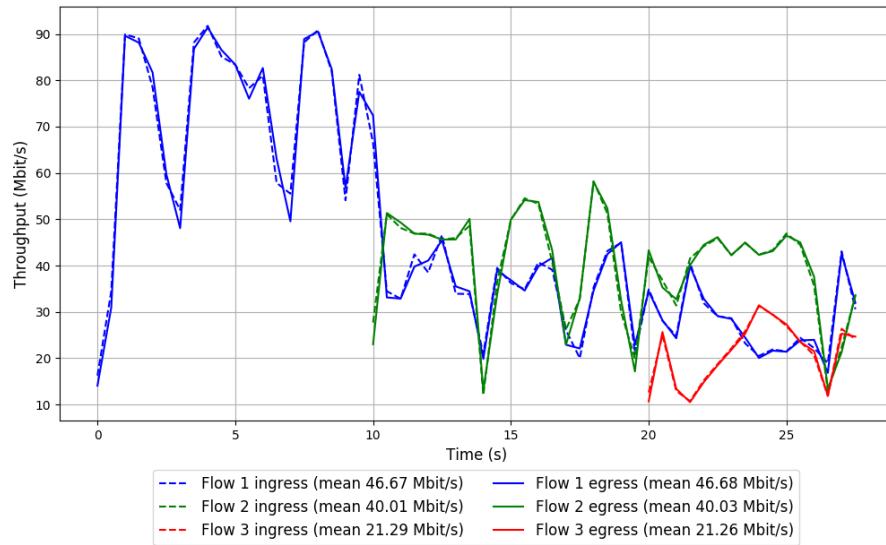


Run 5: Statistics of Copa

```
Start at: 2018-01-26 12:05:02
End at: 2018-01-26 12:05:32
Local clock offset: 5.389 ms
Remote clock offset: -12.276 ms

# Below is generated by plot.py at 2018-01-26 17:23:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.36 Mbit/s
95th percentile per-packet one-way delay: 44.444 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 46.68 Mbit/s
95th percentile per-packet one-way delay: 44.717 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 40.03 Mbit/s
95th percentile per-packet one-way delay: 43.309 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 21.26 Mbit/s
95th percentile per-packet one-way delay: 45.798 ms
Loss rate: 0.50%
```

Run 5: Report of Copa — Data Link

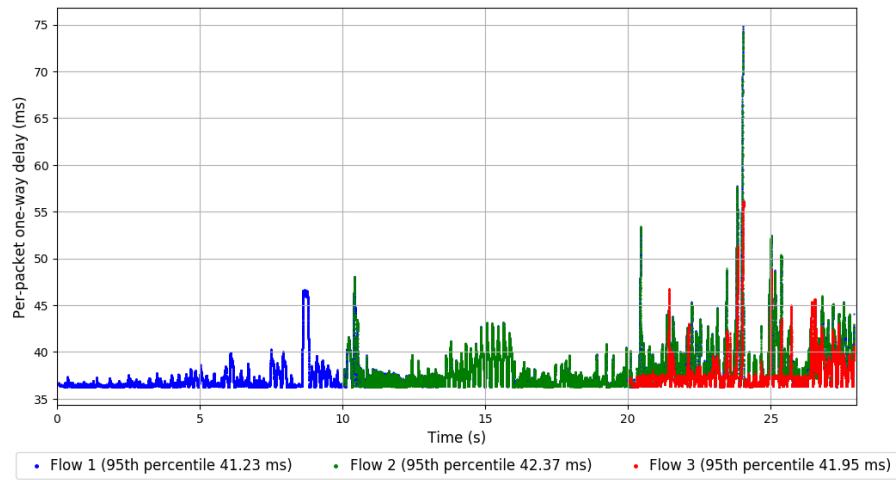
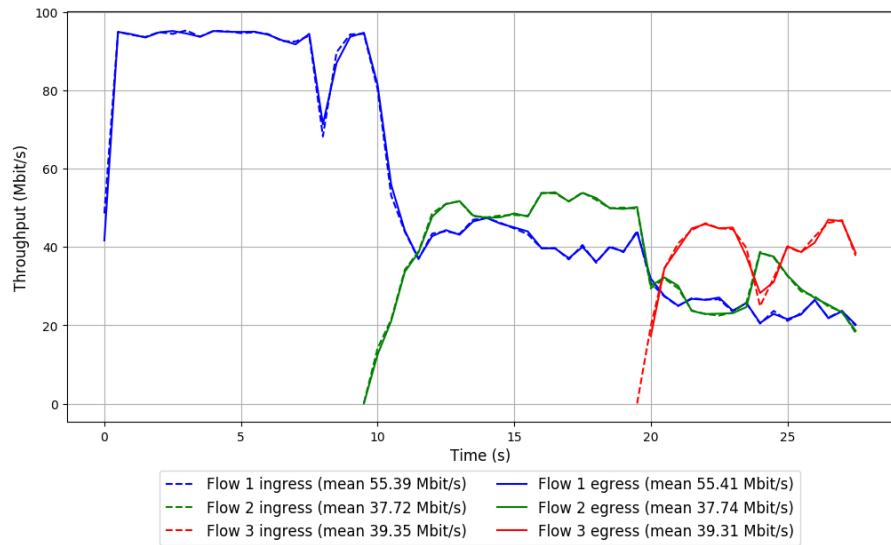


Run 6: Statistics of Copa

```
Start at: 2018-01-26 12:24:16
End at: 2018-01-26 12:24:46
Local clock offset: 3.722 ms
Remote clock offset: -10.672 ms

# Below is generated by plot.py at 2018-01-26 17:23:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.82 Mbit/s
95th percentile per-packet one-way delay: 41.722 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 55.41 Mbit/s
95th percentile per-packet one-way delay: 41.233 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 37.74 Mbit/s
95th percentile per-packet one-way delay: 42.372 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 39.31 Mbit/s
95th percentile per-packet one-way delay: 41.945 ms
Loss rate: 0.49%
```

Run 6: Report of Copa — Data Link

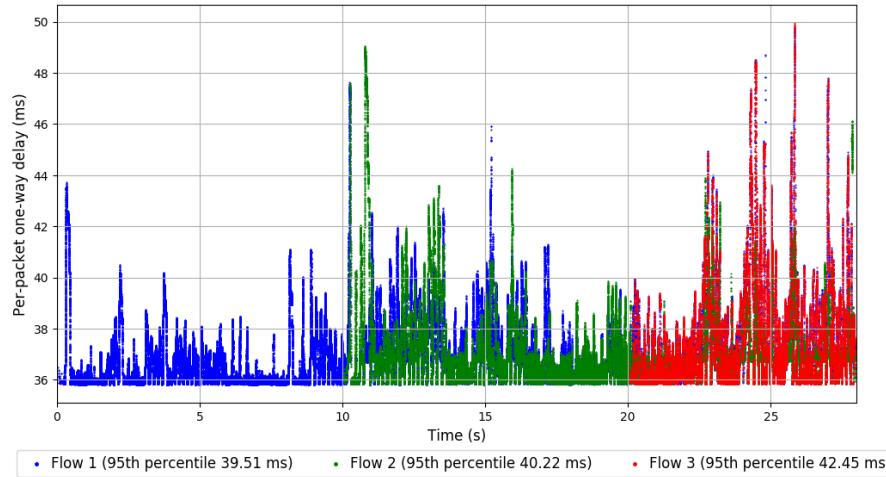
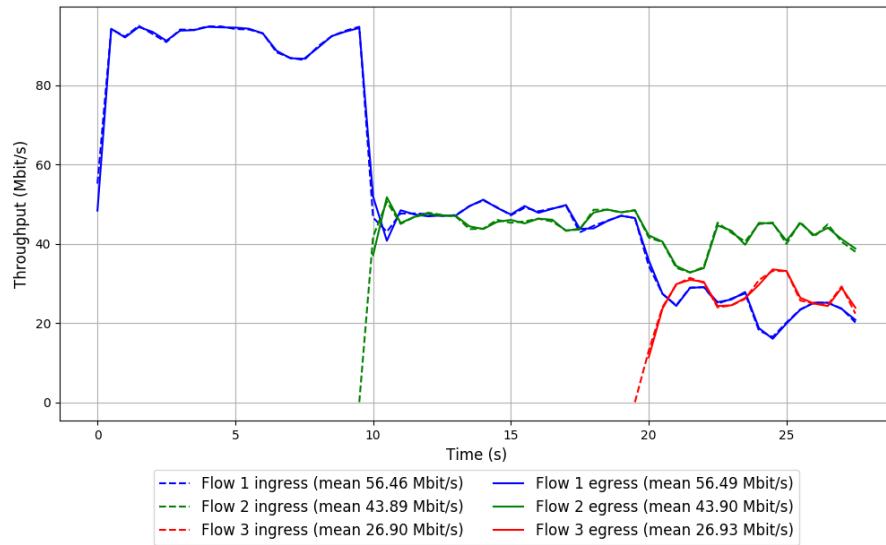


Run 7: Statistics of Copa

```
Start at: 2018-01-26 12:43:53
End at: 2018-01-26 12:44:23
Local clock offset: 5.704 ms
Remote clock offset: -12.191 ms

# Below is generated by plot.py at 2018-01-26 17:24:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.32 Mbit/s
95th percentile per-packet one-way delay: 39.991 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 56.49 Mbit/s
95th percentile per-packet one-way delay: 39.513 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 43.90 Mbit/s
95th percentile per-packet one-way delay: 40.217 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 26.93 Mbit/s
95th percentile per-packet one-way delay: 42.449 ms
Loss rate: 0.19%
```

Run 7: Report of Copa — Data Link

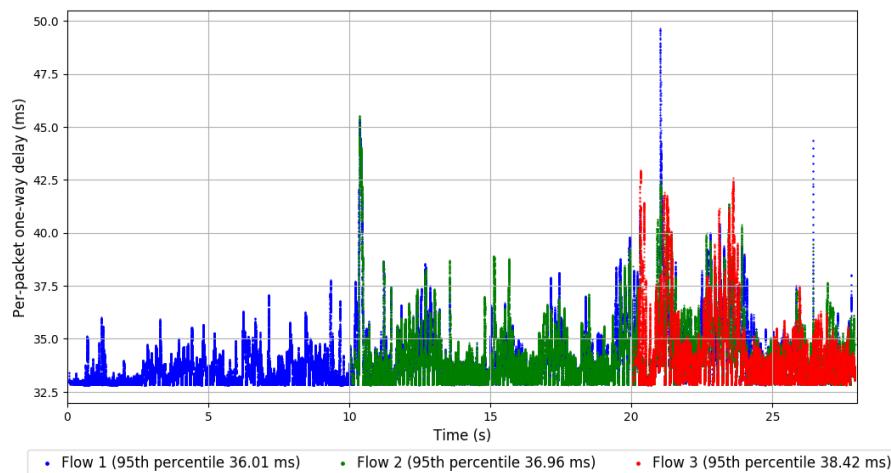
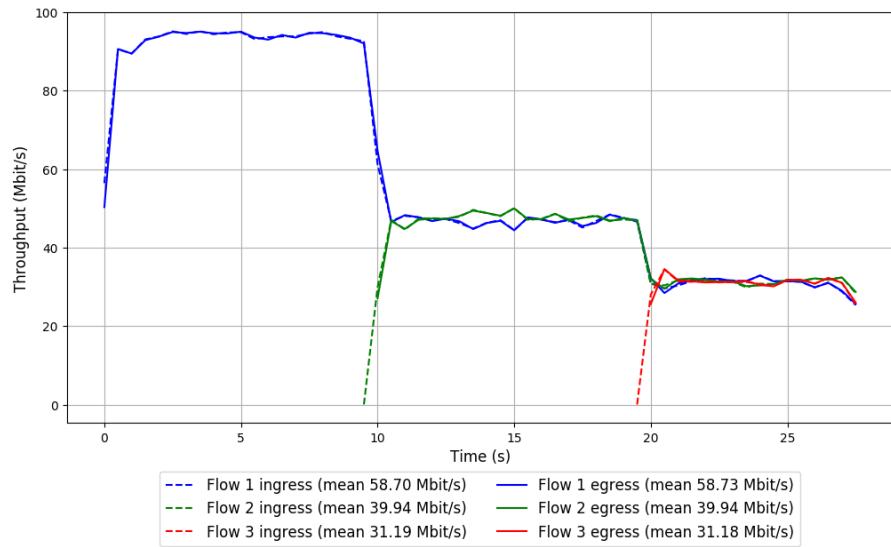


Run 8: Statistics of Copa

```
Start at: 2018-01-26 13:03:34
End at: 2018-01-26 13:04:04
Local clock offset: 3.249 ms
Remote clock offset: -10.785 ms

# Below is generated by plot.py at 2018-01-26 17:24:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.22 Mbit/s
95th percentile per-packet one-way delay: 36.578 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 58.73 Mbit/s
95th percentile per-packet one-way delay: 36.010 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 39.94 Mbit/s
95th percentile per-packet one-way delay: 36.959 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 31.18 Mbit/s
95th percentile per-packet one-way delay: 38.417 ms
Loss rate: 0.35%
```

Run 8: Report of Copa — Data Link

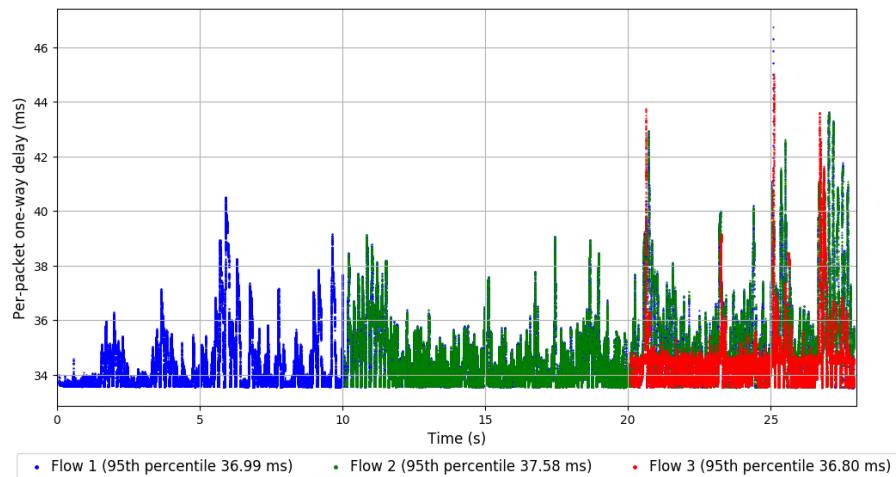
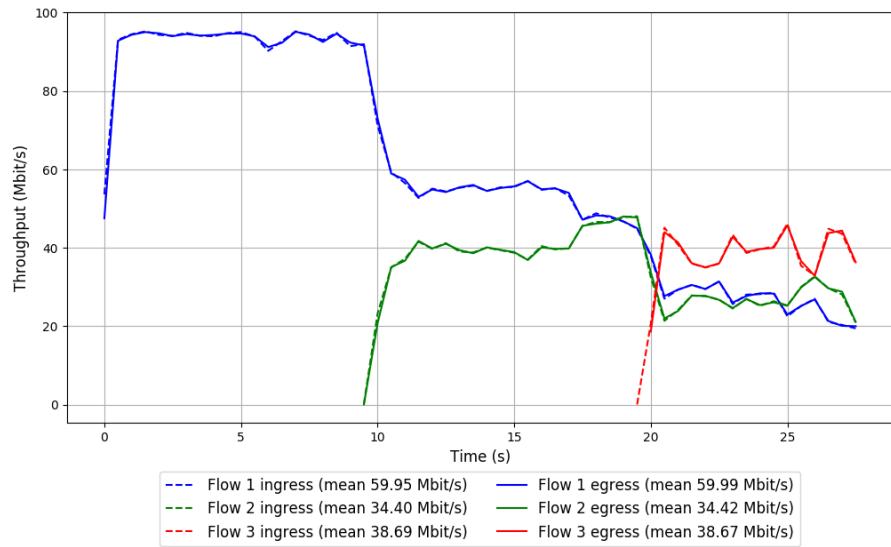


Run 9: Statistics of Copa

```
Start at: 2018-01-26 13:23:13
End at: 2018-01-26 13:23:43
Local clock offset: 3.229 ms
Remote clock offset: -13.064 ms

# Below is generated by plot.py at 2018-01-26 17:24:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.07 Mbit/s
95th percentile per-packet one-way delay: 37.112 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 59.99 Mbit/s
95th percentile per-packet one-way delay: 36.987 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 34.42 Mbit/s
95th percentile per-packet one-way delay: 37.584 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 38.67 Mbit/s
95th percentile per-packet one-way delay: 36.796 ms
Loss rate: 0.35%
```

Run 9: Report of Copa — Data Link

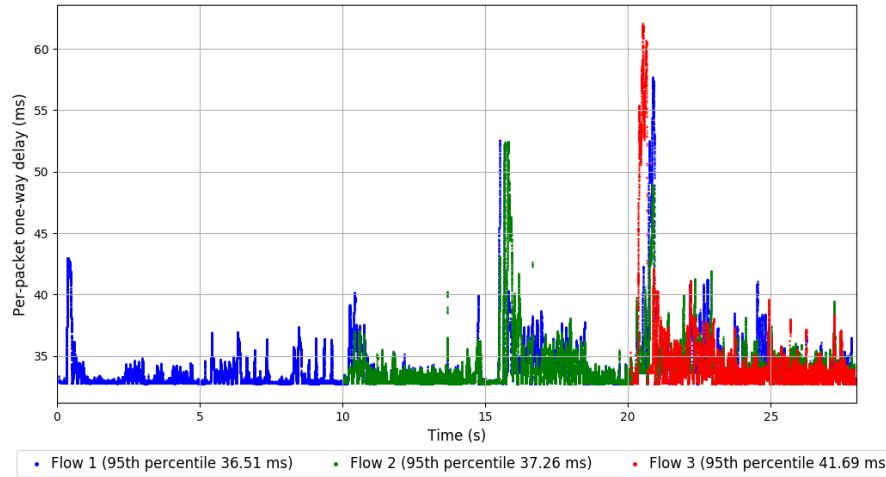
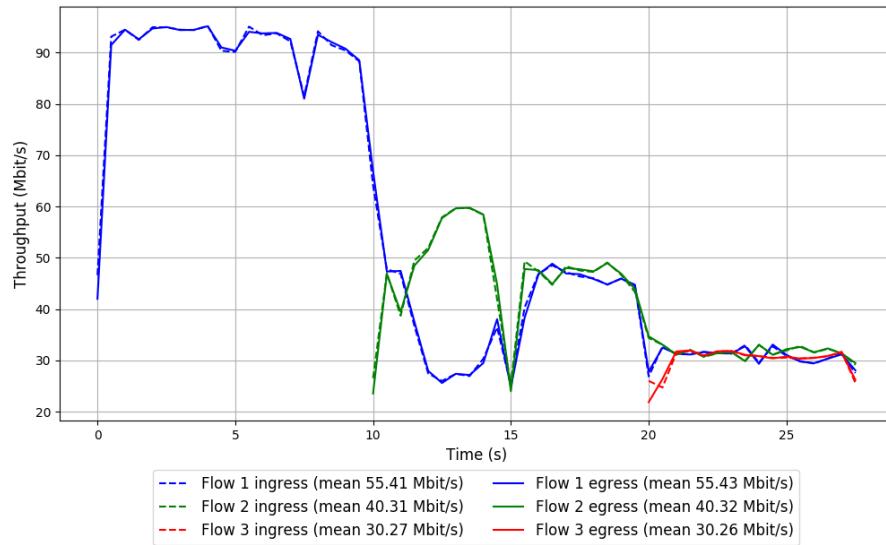


Run 10: Statistics of Copa

```
Start at: 2018-01-26 13:43:00
End at: 2018-01-26 13:43:30
Local clock offset: 3.305 ms
Remote clock offset: -12.902 ms

# Below is generated by plot.py at 2018-01-26 17:24:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.88 Mbit/s
95th percentile per-packet one-way delay: 36.961 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 55.43 Mbit/s
95th percentile per-packet one-way delay: 36.511 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 40.32 Mbit/s
95th percentile per-packet one-way delay: 37.257 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 30.26 Mbit/s
95th percentile per-packet one-way delay: 41.685 ms
Loss rate: 0.33%
```

Run 10: Report of Copa — Data Link

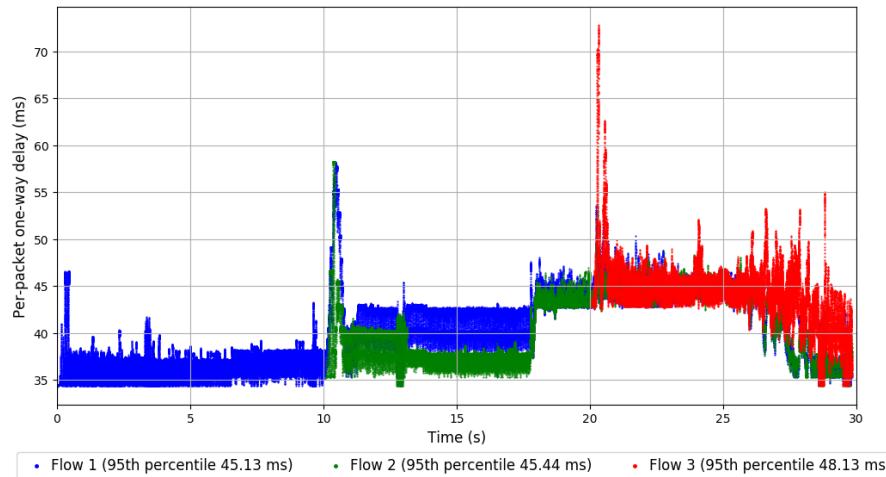
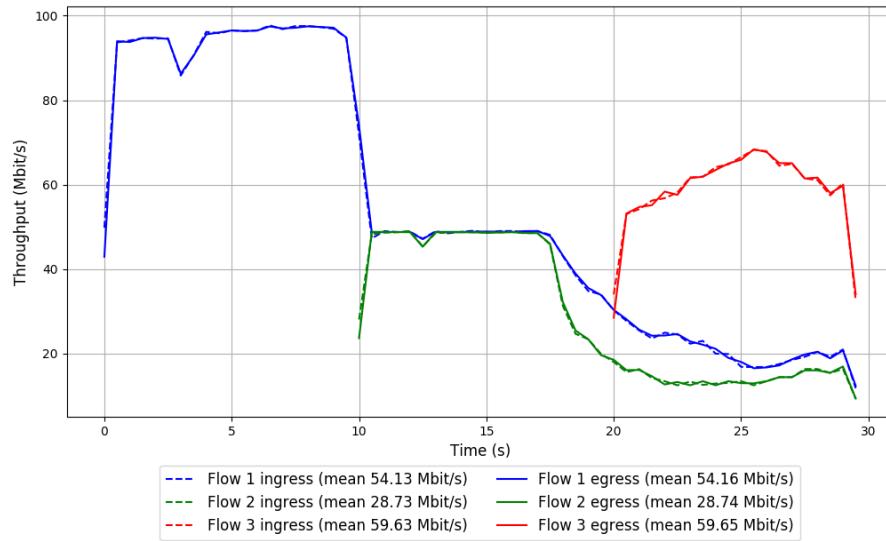


```
Run 1: Statistics of Indigo-2-256

Start at: 2018-01-26 10:41:01
End at: 2018-01-26 10:41:31
Local clock offset: 4.806 ms
Remote clock offset: -18.466 ms

# Below is generated by plot.py at 2018-01-26 17:24:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.74 Mbit/s
95th percentile per-packet one-way delay: 46.200 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 54.16 Mbit/s
95th percentile per-packet one-way delay: 45.131 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 28.74 Mbit/s
95th percentile per-packet one-way delay: 45.439 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 59.65 Mbit/s
95th percentile per-packet one-way delay: 48.134 ms
Loss rate: 0.31%
```

Run 1: Report of Indigo-2-256 — Data Link

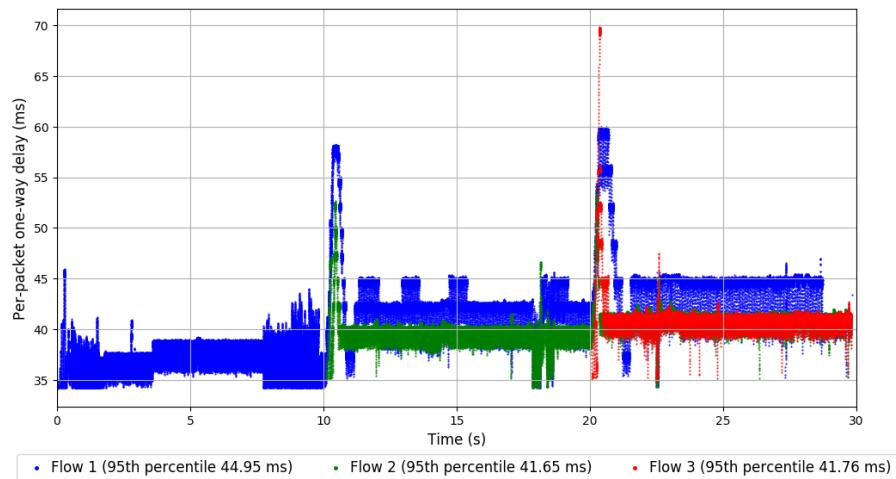
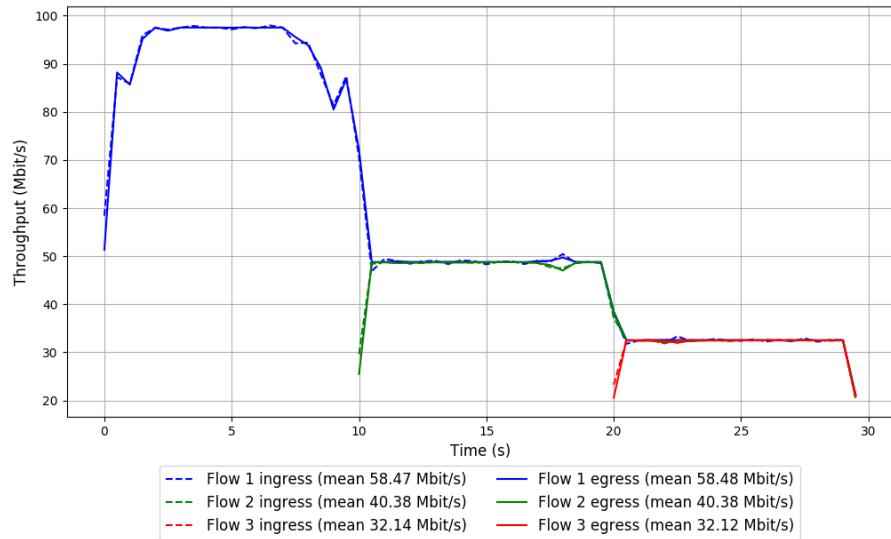


Run 2: Statistics of Indigo-2-256

```
Start at: 2018-01-26 10:59:51
End at: 2018-01-26 11:00:21
Local clock offset: 3.536 ms
Remote clock offset: -19.008 ms

# Below is generated by plot.py at 2018-01-26 17:24:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.71 Mbit/s
95th percentile per-packet one-way delay: 44.744 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 58.48 Mbit/s
95th percentile per-packet one-way delay: 44.948 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 40.38 Mbit/s
95th percentile per-packet one-way delay: 41.647 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 32.12 Mbit/s
95th percentile per-packet one-way delay: 41.758 ms
Loss rate: 0.33%
```

Run 2: Report of Indigo-2-256 — Data Link

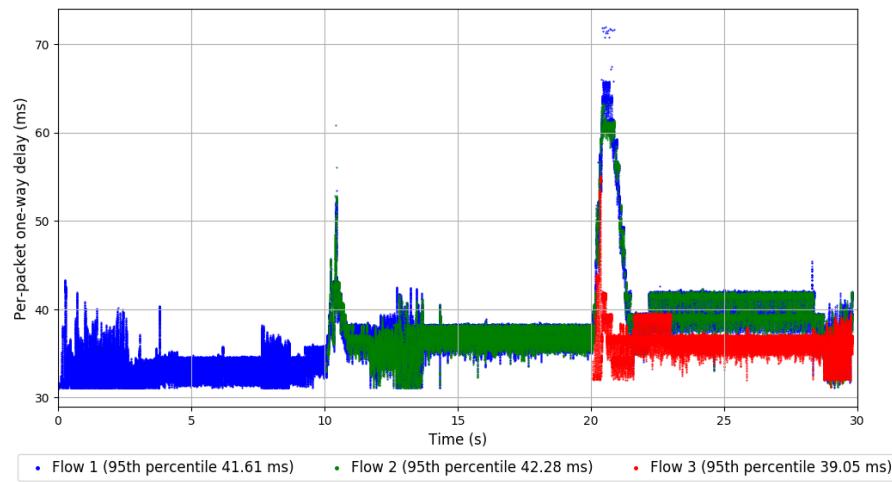
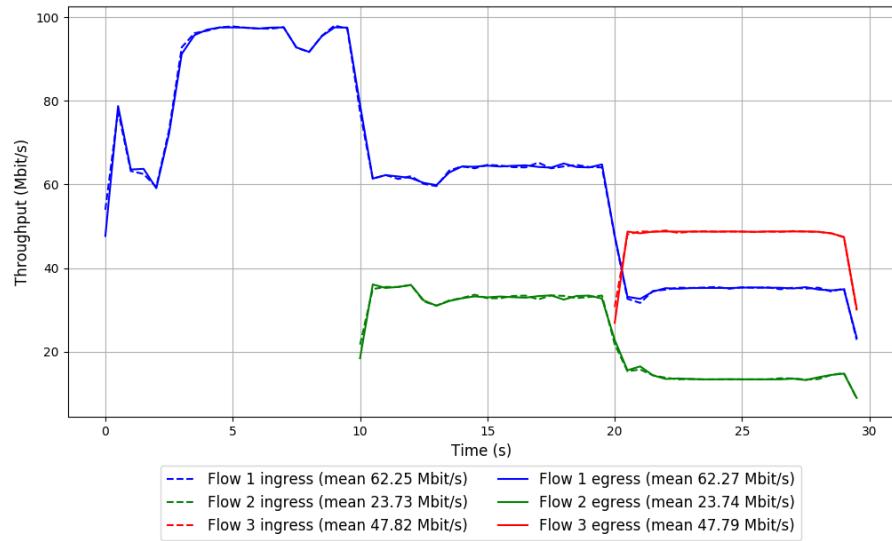


```
Run 3: Statistics of Indigo-2-256

Start at: 2018-01-26 11:18:44
End at: 2018-01-26 11:19:14
Local clock offset: 2.253 ms
Remote clock offset: -15.761 ms

# Below is generated by plot.py at 2018-01-26 17:24:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.65 Mbit/s
95th percentile per-packet one-way delay: 41.568 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 62.27 Mbit/s
95th percentile per-packet one-way delay: 41.608 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 23.74 Mbit/s
95th percentile per-packet one-way delay: 42.278 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 47.79 Mbit/s
95th percentile per-packet one-way delay: 39.051 ms
Loss rate: 0.33%
```

Run 3: Report of Indigo-2-256 — Data Link

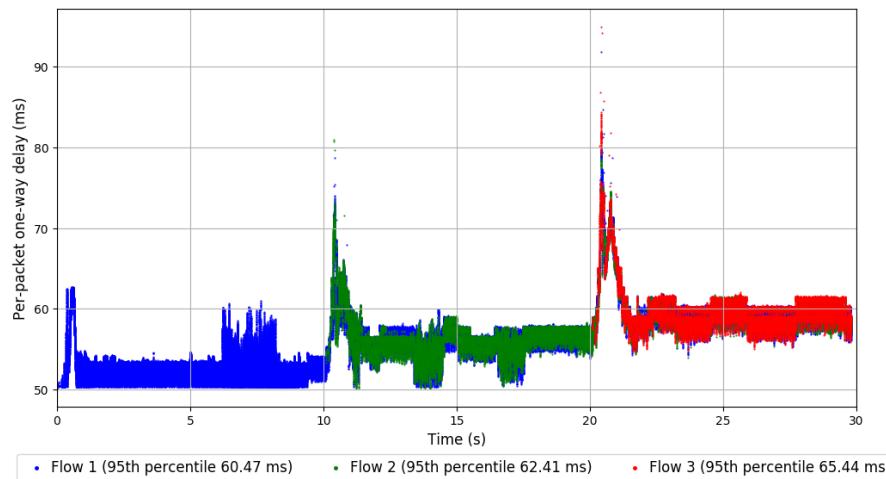
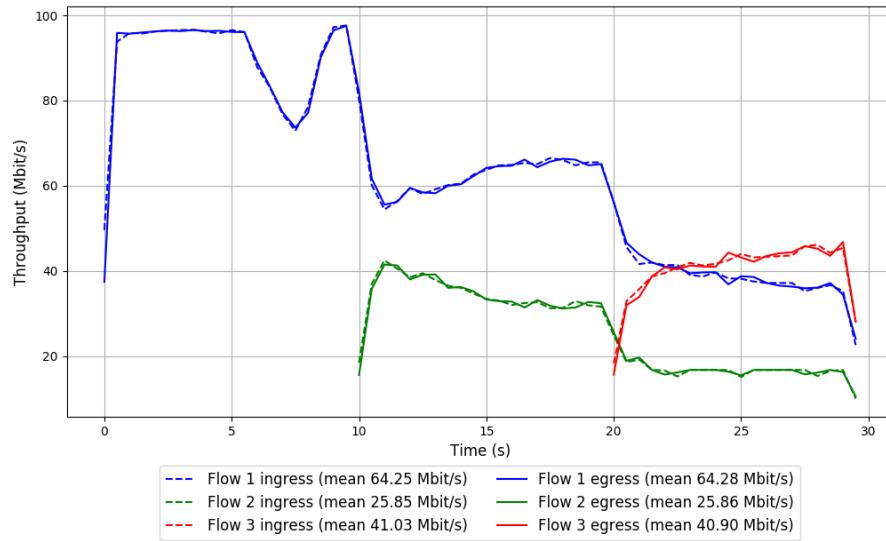


Run 4: Statistics of Indigo-2-256

```
Start at: 2018-01-26 11:37:40
End at: 2018-01-26 11:38:10
Local clock offset: 4.921 ms
Remote clock offset: -15.2 ms

# Below is generated by plot.py at 2018-01-26 17:24:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.78 Mbit/s
95th percentile per-packet one-way delay: 61.349 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 64.28 Mbit/s
95th percentile per-packet one-way delay: 60.470 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 25.86 Mbit/s
95th percentile per-packet one-way delay: 62.407 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 40.90 Mbit/s
95th percentile per-packet one-way delay: 65.438 ms
Loss rate: 0.59%
```

Run 4: Report of Indigo-2-256 — Data Link

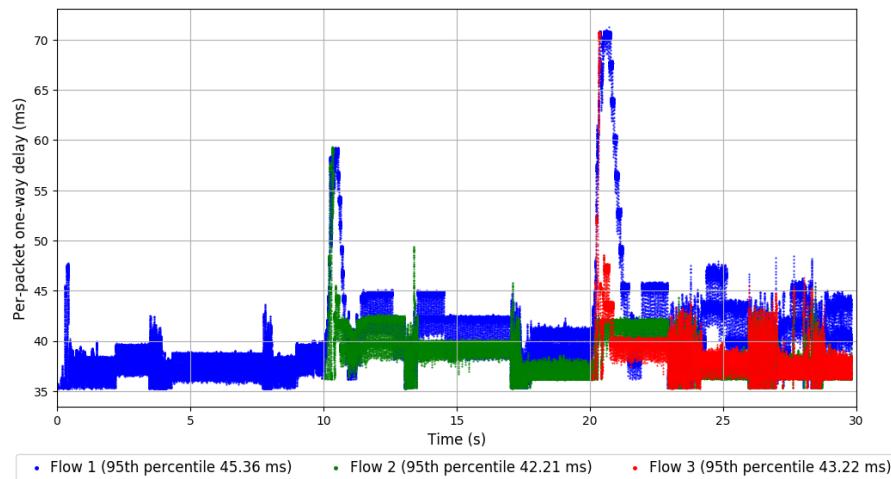
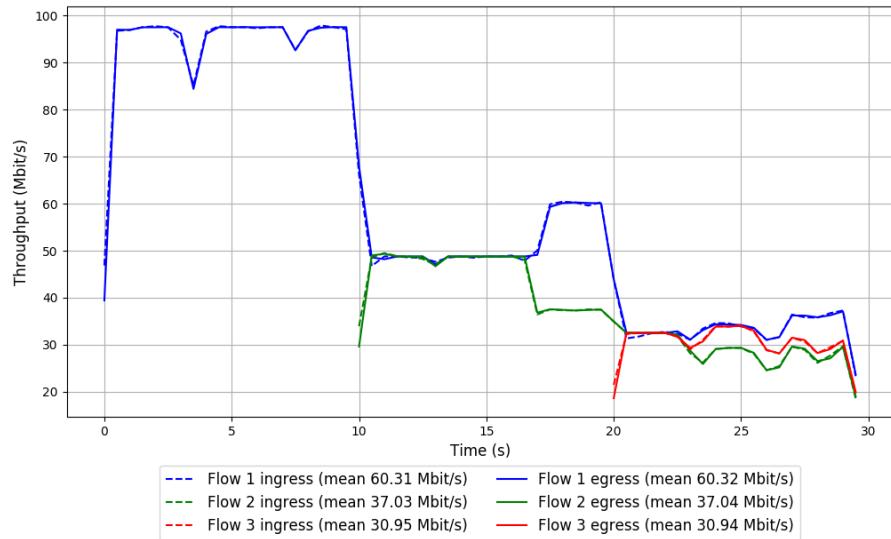


Run 5: Statistics of Indigo-2-256

```
Start at: 2018-01-26 11:56:51
End at: 2018-01-26 11:57:21
Local clock offset: 2.319 ms
Remote clock offset: -12.893 ms

# Below is generated by plot.py at 2018-01-26 17:25:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.02 Mbit/s
95th percentile per-packet one-way delay: 44.705 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 60.32 Mbit/s
95th percentile per-packet one-way delay: 45.361 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 37.04 Mbit/s
95th percentile per-packet one-way delay: 42.210 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 30.94 Mbit/s
95th percentile per-packet one-way delay: 43.220 ms
Loss rate: 0.33%
```

Run 5: Report of Indigo-2-256 — Data Link

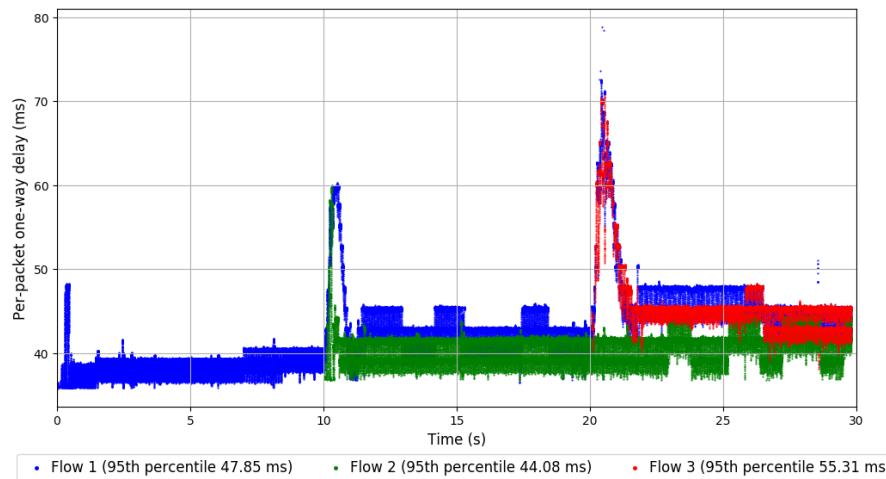
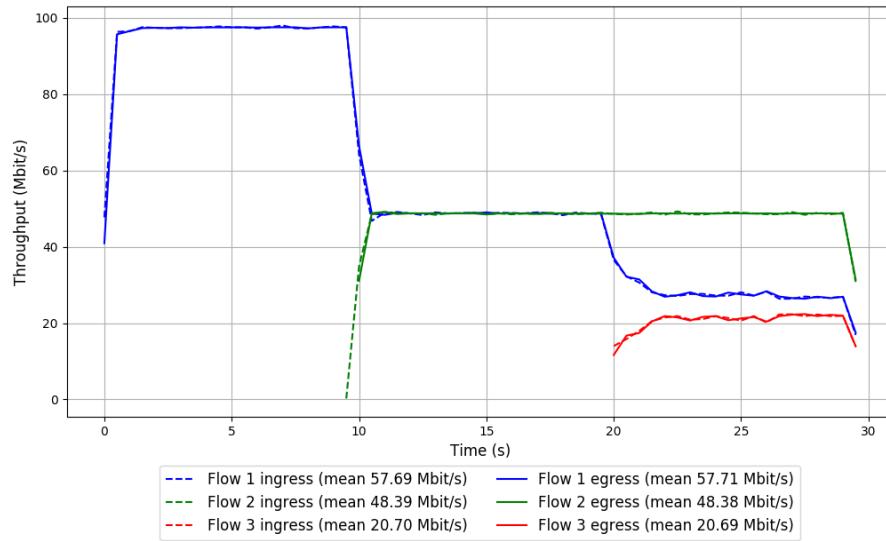


Run 6: Statistics of Indigo-2-256

```
Start at: 2018-01-26 12:16:02
End at: 2018-01-26 12:16:32
Local clock offset: 2.938 ms
Remote clock offset: -12.143 ms

# Below is generated by plot.py at 2018-01-26 17:25:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.62 Mbit/s
95th percentile per-packet one-way delay: 47.666 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 57.71 Mbit/s
95th percentile per-packet one-way delay: 47.850 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 48.38 Mbit/s
95th percentile per-packet one-way delay: 44.083 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 20.69 Mbit/s
95th percentile per-packet one-way delay: 55.314 ms
Loss rate: 0.41%
```

Run 6: Report of Indigo-2-256 — Data Link

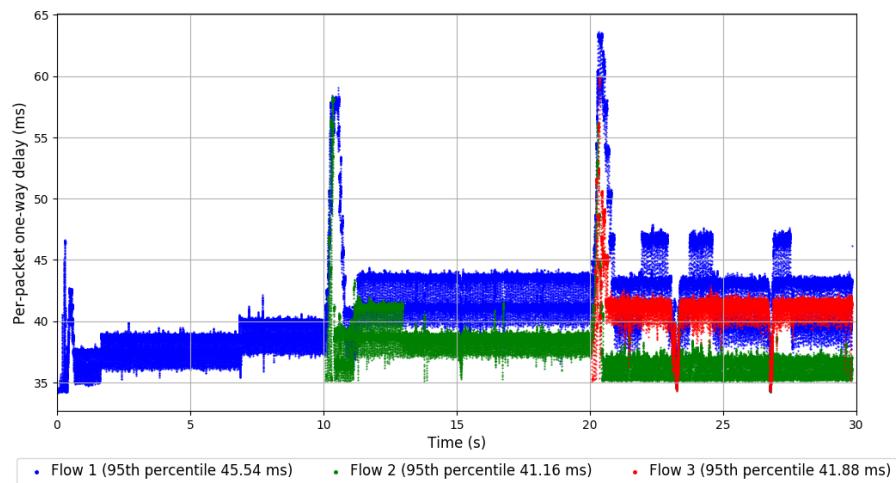
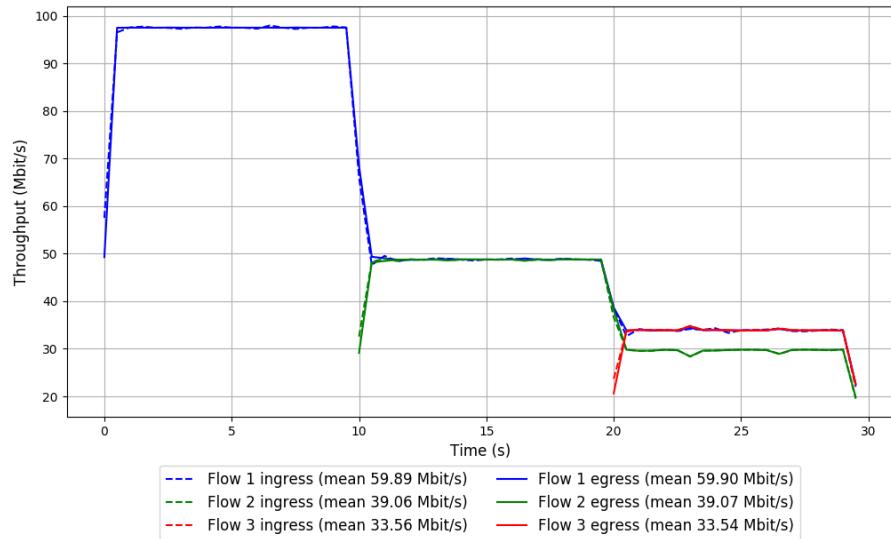


Run 7: Statistics of Indigo-2-256

```
Start at: 2018-01-26 12:35:27
End at: 2018-01-26 12:35:57
Local clock offset: 0.676 ms
Remote clock offset: -11.25 ms

# Below is generated by plot.py at 2018-01-26 17:25:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.81 Mbit/s
95th percentile per-packet one-way delay: 43.797 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 59.90 Mbit/s
95th percentile per-packet one-way delay: 45.536 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 39.07 Mbit/s
95th percentile per-packet one-way delay: 41.163 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 33.54 Mbit/s
95th percentile per-packet one-way delay: 41.879 ms
Loss rate: 0.36%
```

Run 7: Report of Indigo-2-256 — Data Link

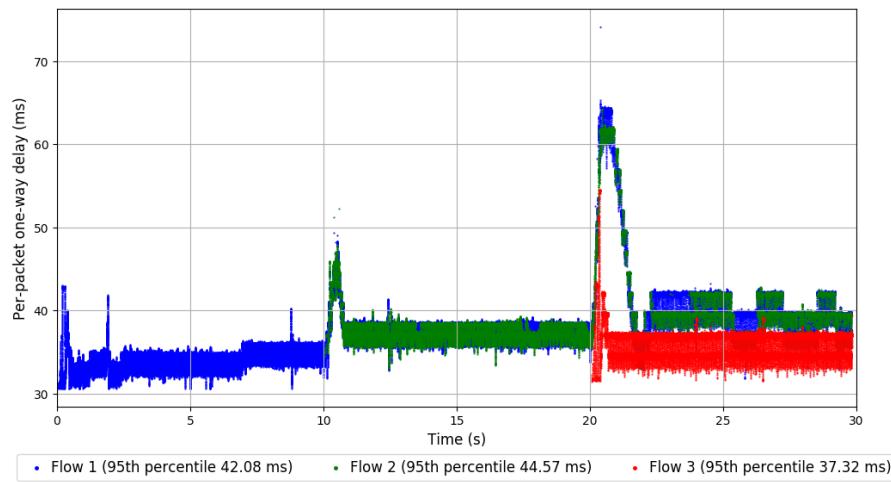
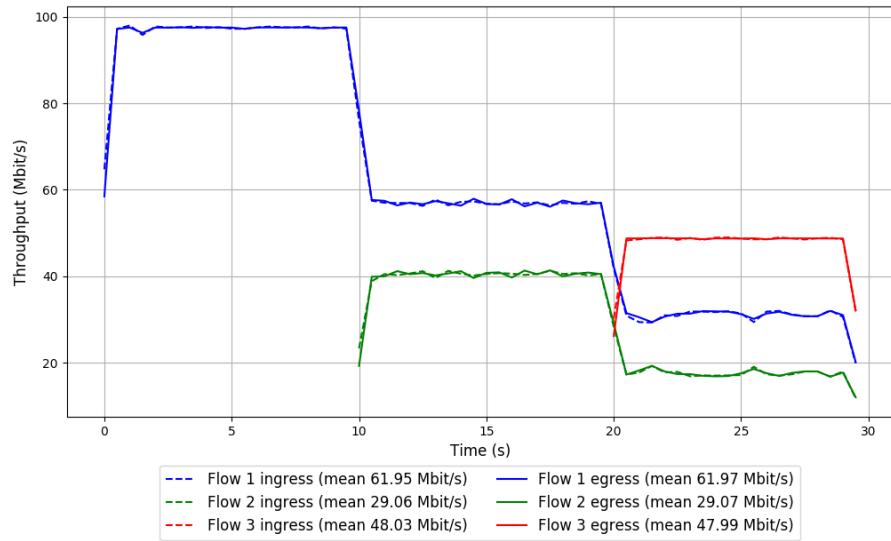


Run 8: Statistics of Indigo-2-256

```
Start at: 2018-01-26 12:55:05
End at: 2018-01-26 12:55:35
Local clock offset: 1.083 ms
Remote clock offset: -10.853 ms

# Below is generated by plot.py at 2018-01-26 17:25:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.93 Mbit/s
95th percentile per-packet one-way delay: 42.058 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 61.97 Mbit/s
95th percentile per-packet one-way delay: 42.077 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 29.07 Mbit/s
95th percentile per-packet one-way delay: 44.567 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 47.99 Mbit/s
95th percentile per-packet one-way delay: 37.320 ms
Loss rate: 0.33%
```

Run 8: Report of Indigo-2-256 — Data Link

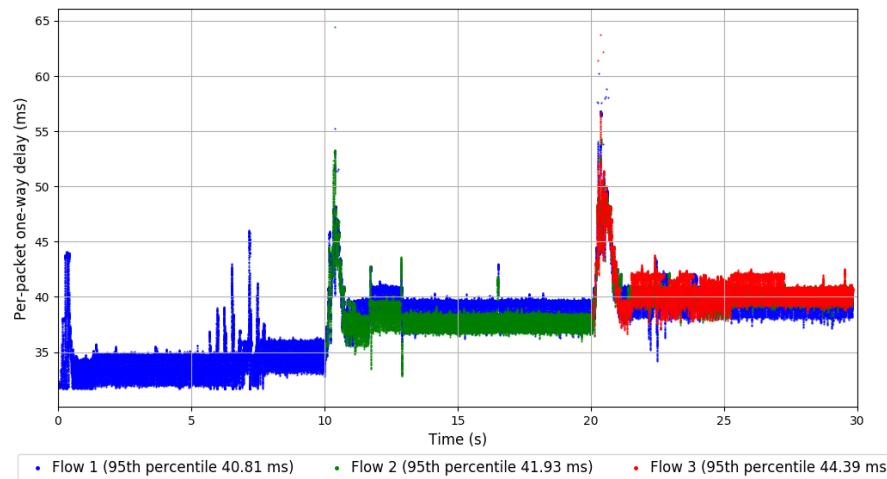
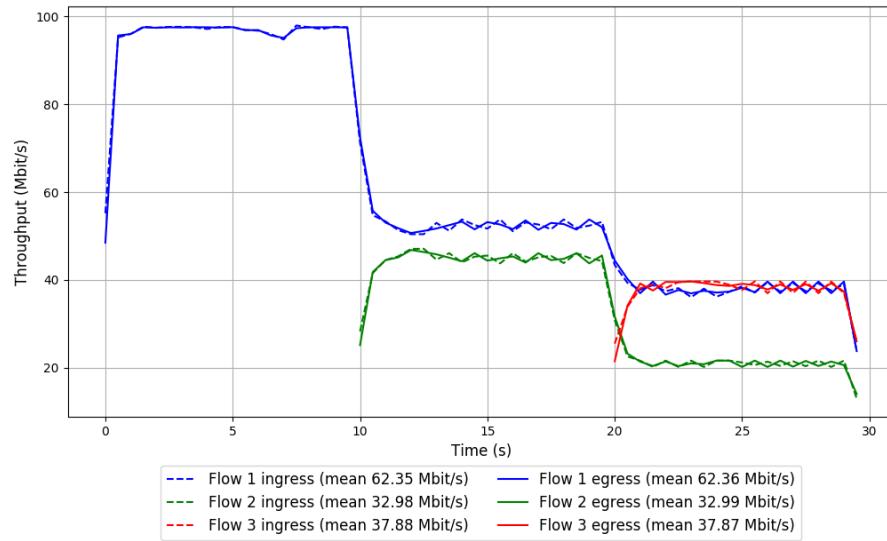


Run 9: Statistics of Indigo-2-256

```
Start at: 2018-01-26 13:14:42
End at: 2018-01-26 13:15:12
Local clock offset: 4.014 ms
Remote clock offset: -9.586 ms

# Below is generated by plot.py at 2018-01-26 17:26:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.63 Mbit/s
95th percentile per-packet one-way delay: 41.945 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 62.36 Mbit/s
95th percentile per-packet one-way delay: 40.810 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 32.99 Mbit/s
95th percentile per-packet one-way delay: 41.930 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 37.87 Mbit/s
95th percentile per-packet one-way delay: 44.394 ms
Loss rate: 0.35%
```

Run 9: Report of Indigo-2-256 — Data Link

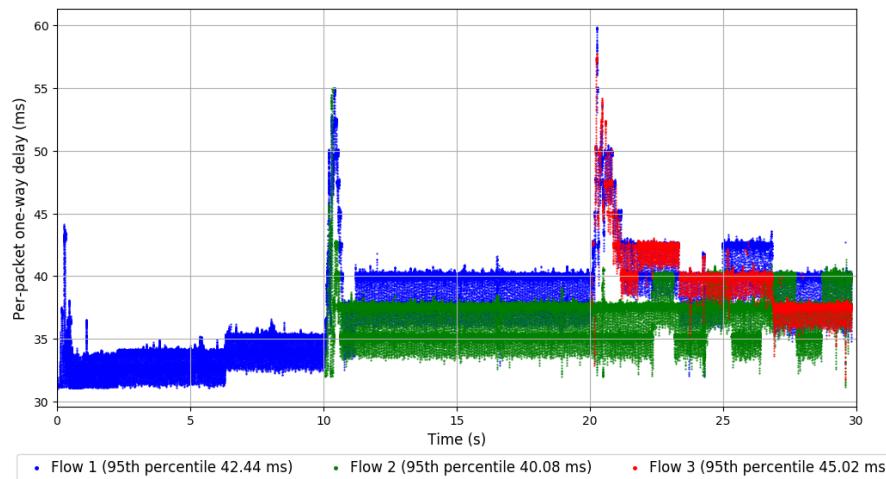
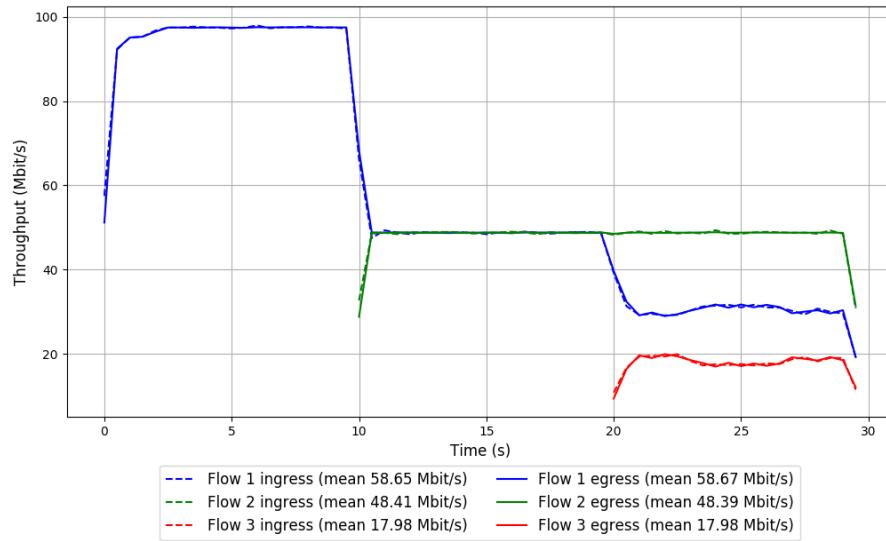


Run 10: Statistics of Indigo-2-256

```
Start at: 2018-01-26 13:34:35
End at: 2018-01-26 13:35:05
Local clock offset: 0.995 ms
Remote clock offset: -12.754 ms

# Below is generated by plot.py at 2018-01-26 17:26:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.65 Mbit/s
95th percentile per-packet one-way delay: 42.237 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 58.67 Mbit/s
95th percentile per-packet one-way delay: 42.441 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 48.39 Mbit/s
95th percentile per-packet one-way delay: 40.082 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 17.98 Mbit/s
95th percentile per-packet one-way delay: 45.025 ms
Loss rate: 0.33%
```

Run 10: Report of Indigo-2-256 — Data Link

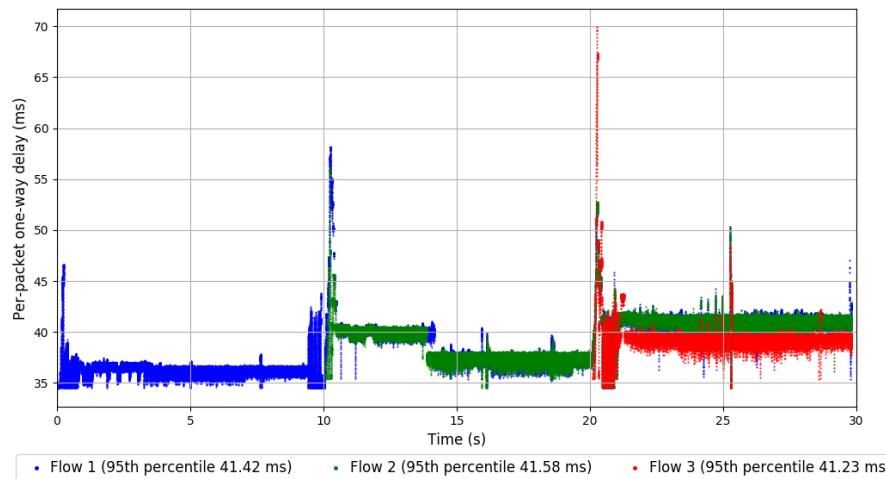
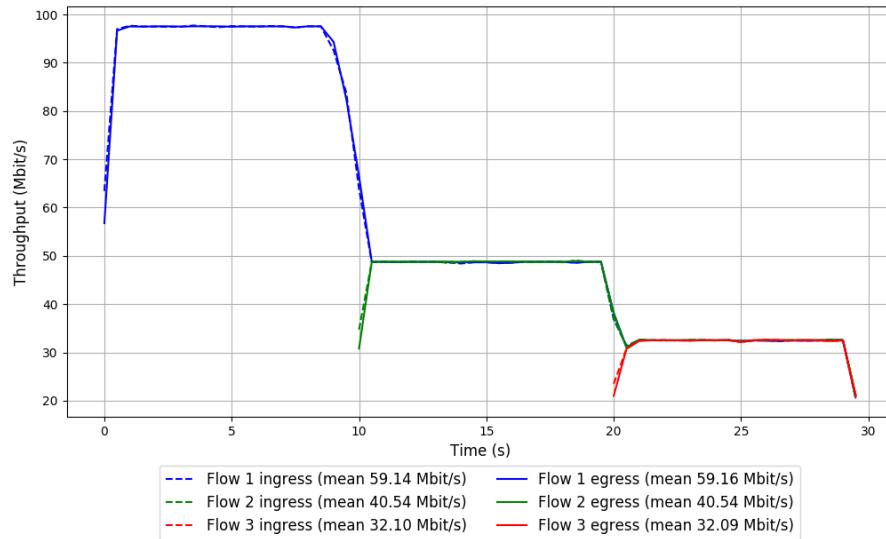


Run 1: Statistics of Indigo-1-32

```
Start at: 2018-01-26 10:38:39
End at: 2018-01-26 10:39:09
Local clock offset: 3.798 ms
Remote clock offset: -19.473 ms

# Below is generated by plot.py at 2018-01-26 17:26:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.52 Mbit/s
95th percentile per-packet one-way delay: 41.486 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 59.16 Mbit/s
95th percentile per-packet one-way delay: 41.418 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 40.54 Mbit/s
95th percentile per-packet one-way delay: 41.584 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 32.09 Mbit/s
95th percentile per-packet one-way delay: 41.231 ms
Loss rate: 0.31%
```

Run 1: Report of Indigo-1-32 — Data Link

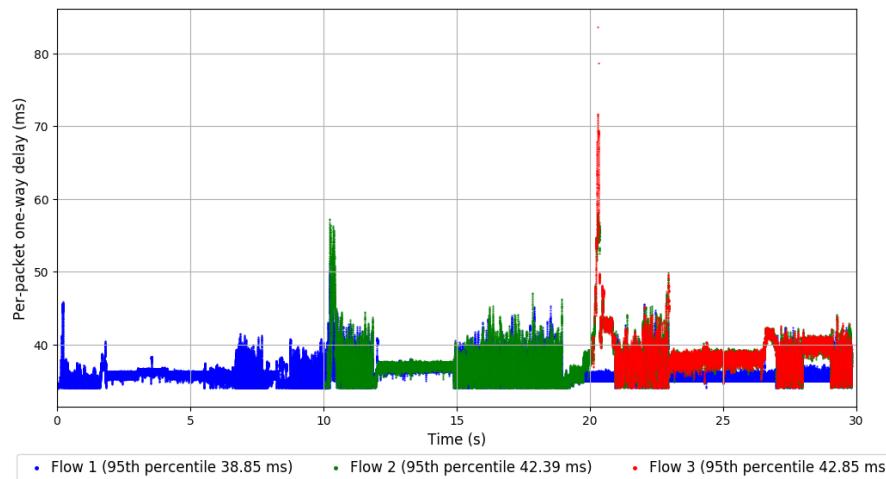
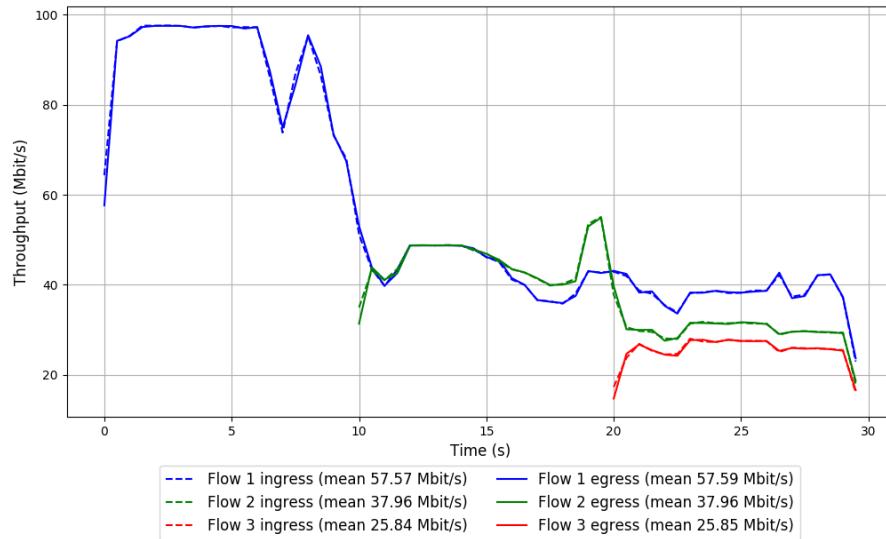


Run 2: Statistics of Indigo-1-32

```
Start at: 2018-01-26 10:57:29
End at: 2018-01-26 10:57:59
Local clock offset: 4.56 ms
Remote clock offset: -18.203 ms

# Below is generated by plot.py at 2018-01-26 17:26:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.23 Mbit/s
95th percentile per-packet one-way delay: 40.737 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 57.59 Mbit/s
95th percentile per-packet one-way delay: 38.850 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 37.96 Mbit/s
95th percentile per-packet one-way delay: 42.391 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 25.85 Mbit/s
95th percentile per-packet one-way delay: 42.847 ms
Loss rate: 0.31%
```

Run 2: Report of Indigo-1-32 — Data Link

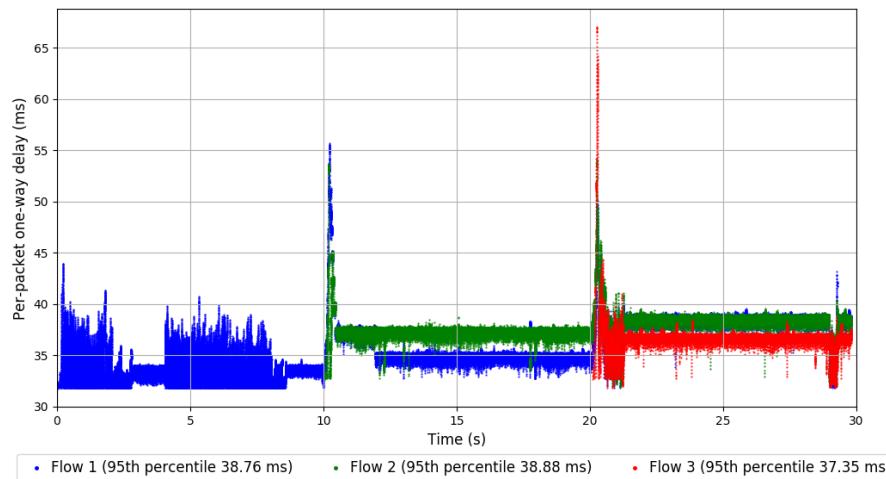
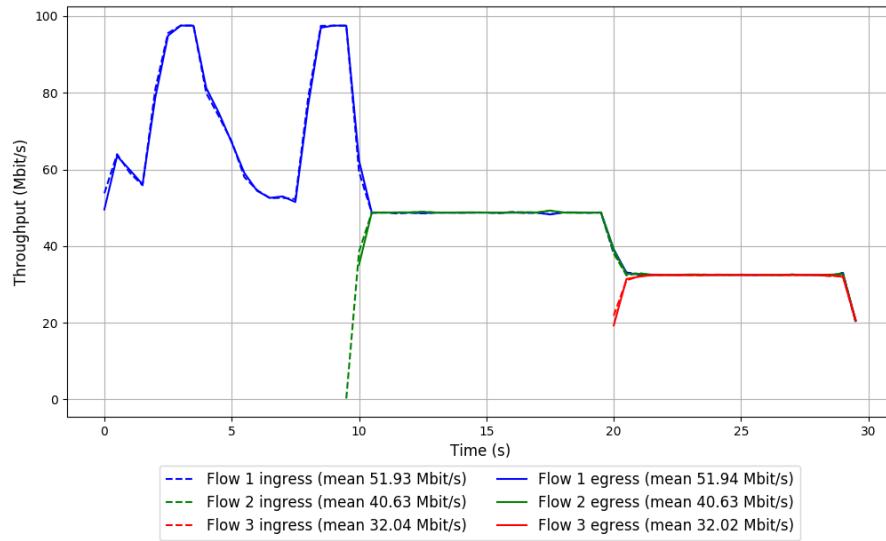


Run 3: Statistics of Indigo-1-32

```
Start at: 2018-01-26 11:16:24
End at: 2018-01-26 11:16:54
Local clock offset: 3.437 ms
Remote clock offset: -15.414 ms

# Below is generated by plot.py at 2018-01-26 17:26:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.38 Mbit/s
95th percentile per-packet one-way delay: 38.794 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 51.94 Mbit/s
95th percentile per-packet one-way delay: 38.762 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 40.63 Mbit/s
95th percentile per-packet one-way delay: 38.875 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 32.02 Mbit/s
95th percentile per-packet one-way delay: 37.351 ms
Loss rate: 0.32%
```

Run 3: Report of Indigo-1-32 — Data Link

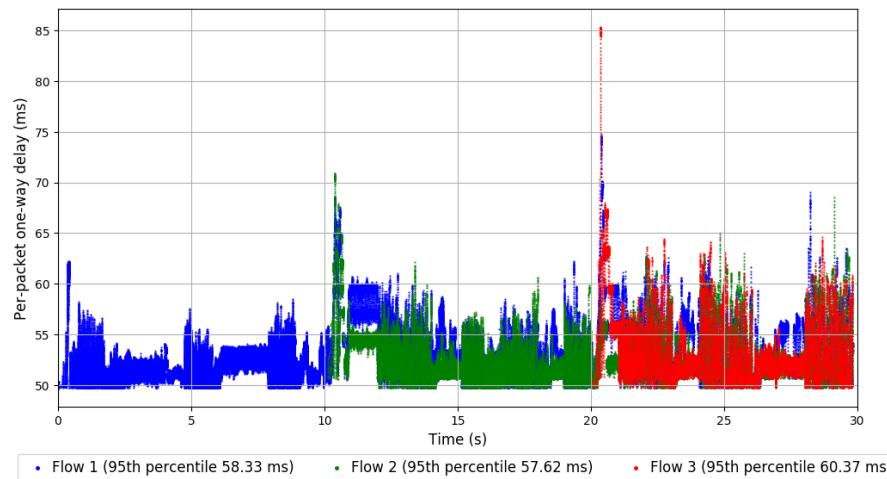
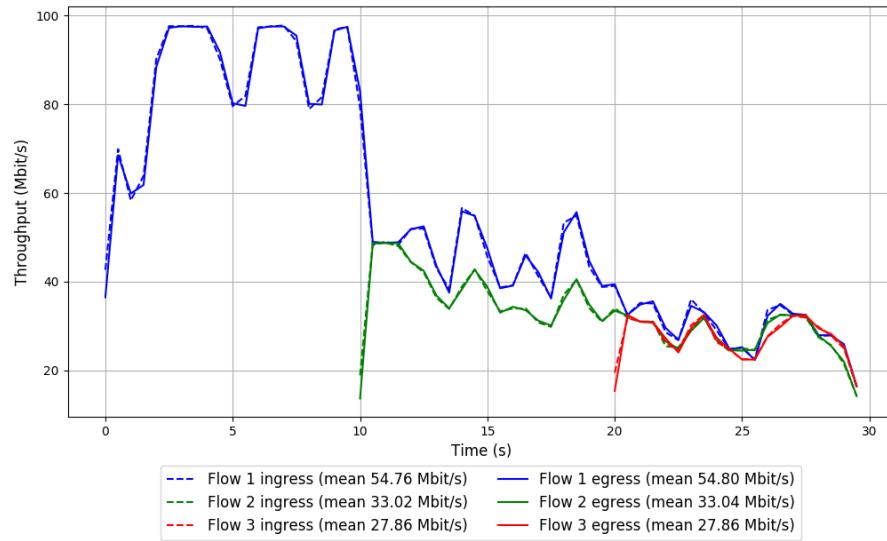


Run 4: Statistics of Indigo-1-32

```
Start at: 2018-01-26 11:35:18
End at: 2018-01-26 11:35:48
Local clock offset: 5.021 ms
Remote clock offset: -14.795 ms

# Below is generated by plot.py at 2018-01-26 17:26:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.74 Mbit/s
95th percentile per-packet one-way delay: 58.523 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 54.80 Mbit/s
95th percentile per-packet one-way delay: 58.327 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 33.04 Mbit/s
95th percentile per-packet one-way delay: 57.621 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 27.86 Mbit/s
95th percentile per-packet one-way delay: 60.369 ms
Loss rate: 0.44%
```

Run 4: Report of Indigo-1-32 — Data Link

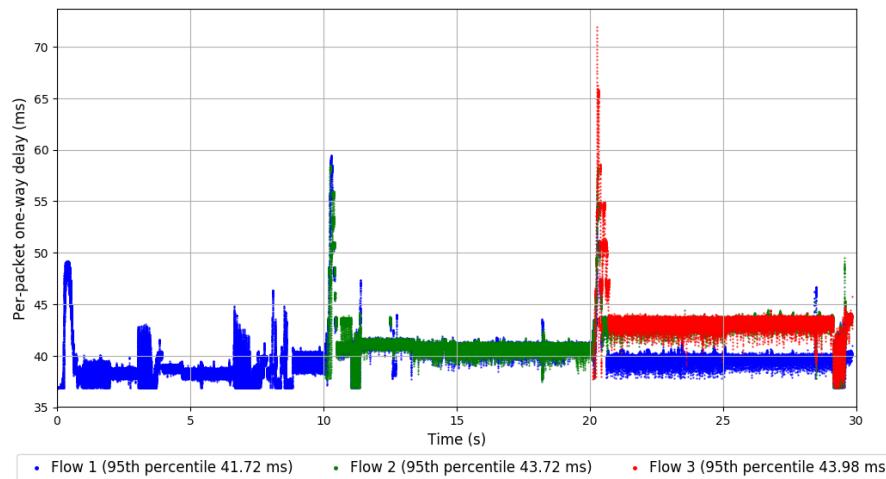
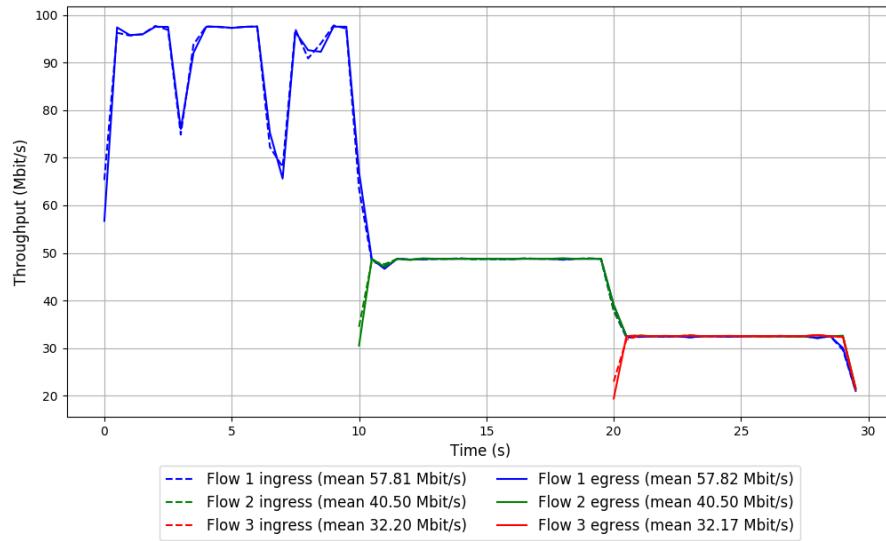


Run 5: Statistics of Indigo-1-32

```
Start at: 2018-01-26 11:54:25
End at: 2018-01-26 11:54:55
Local clock offset: 4.356 ms
Remote clock offset: -12.648 ms

# Below is generated by plot.py at 2018-01-26 17:27:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.22 Mbit/s
95th percentile per-packet one-way delay: 43.676 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 57.82 Mbit/s
95th percentile per-packet one-way delay: 41.724 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 40.50 Mbit/s
95th percentile per-packet one-way delay: 43.723 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 32.17 Mbit/s
95th percentile per-packet one-way delay: 43.979 ms
Loss rate: 0.36%
```

Run 5: Report of Indigo-1-32 — Data Link

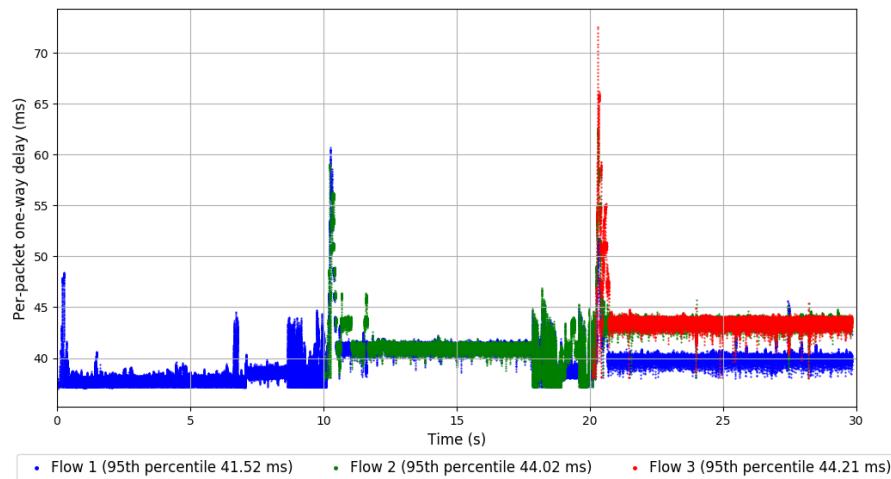
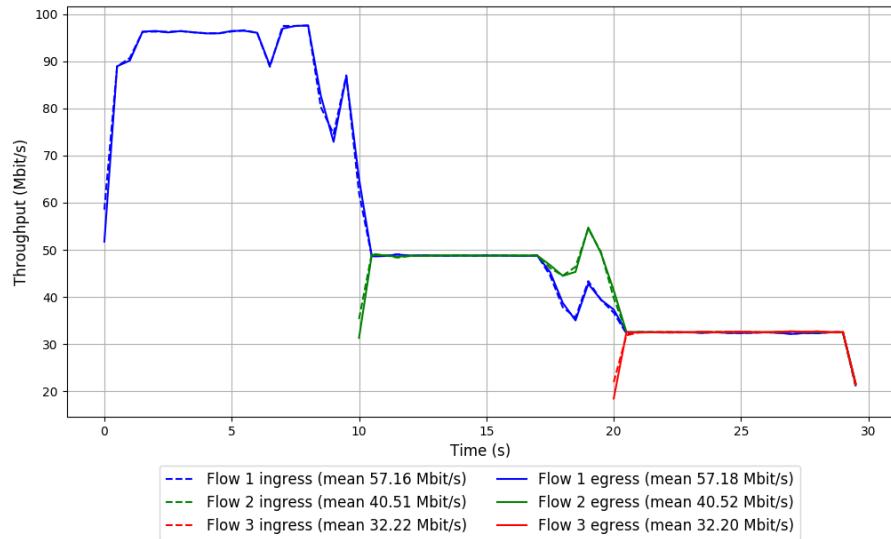


Run 6: Statistics of Indigo-1-32

```
Start at: 2018-01-26 12:13:35
End at: 2018-01-26 12:14:05
Local clock offset: 4.43 ms
Remote clock offset: -12.05 ms

# Below is generated by plot.py at 2018-01-26 17:27:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.58 Mbit/s
95th percentile per-packet one-way delay: 43.890 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 57.18 Mbit/s
95th percentile per-packet one-way delay: 41.520 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 40.52 Mbit/s
95th percentile per-packet one-way delay: 44.018 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 32.20 Mbit/s
95th percentile per-packet one-way delay: 44.207 ms
Loss rate: 0.37%
```

Run 6: Report of Indigo-1-32 — Data Link

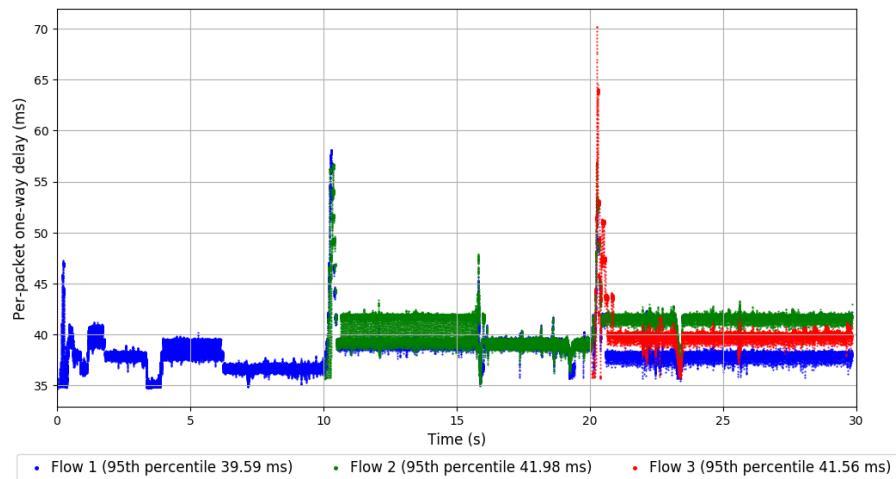
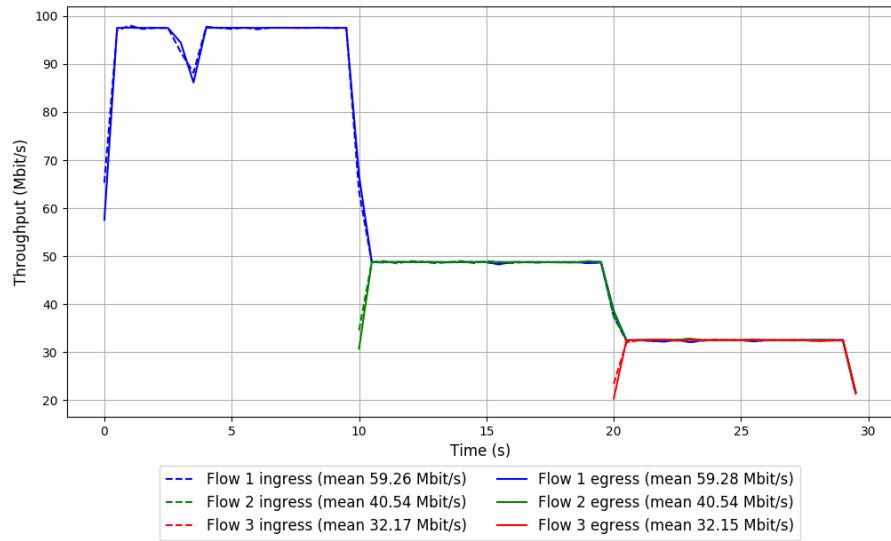


Run 7: Statistics of Indigo-1-32

```
Start at: 2018-01-26 12:32:58
End at: 2018-01-26 12:33:28
Local clock offset: 1.935 ms
Remote clock offset: -10.646 ms

# Below is generated by plot.py at 2018-01-26 17:27:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.70 Mbit/s
95th percentile per-packet one-way delay: 41.875 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 59.28 Mbit/s
95th percentile per-packet one-way delay: 39.593 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 40.54 Mbit/s
95th percentile per-packet one-way delay: 41.978 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 32.15 Mbit/s
95th percentile per-packet one-way delay: 41.561 ms
Loss rate: 0.35%
```

Run 7: Report of Indigo-1-32 — Data Link

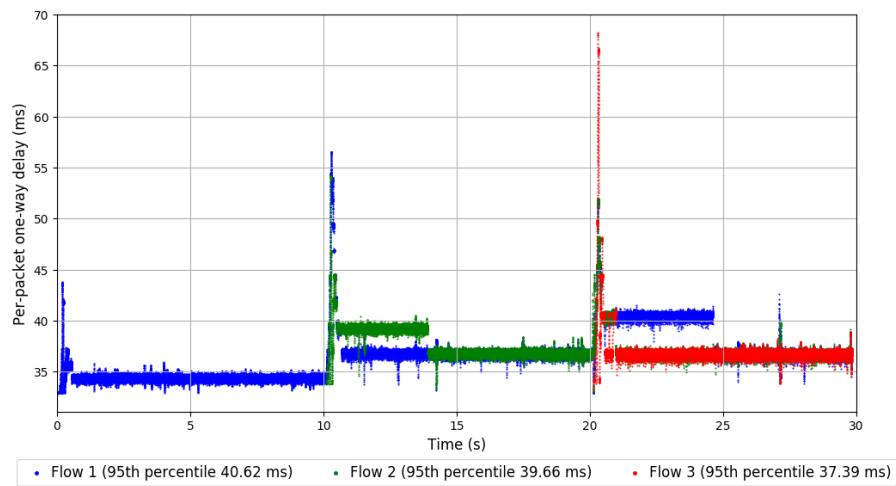
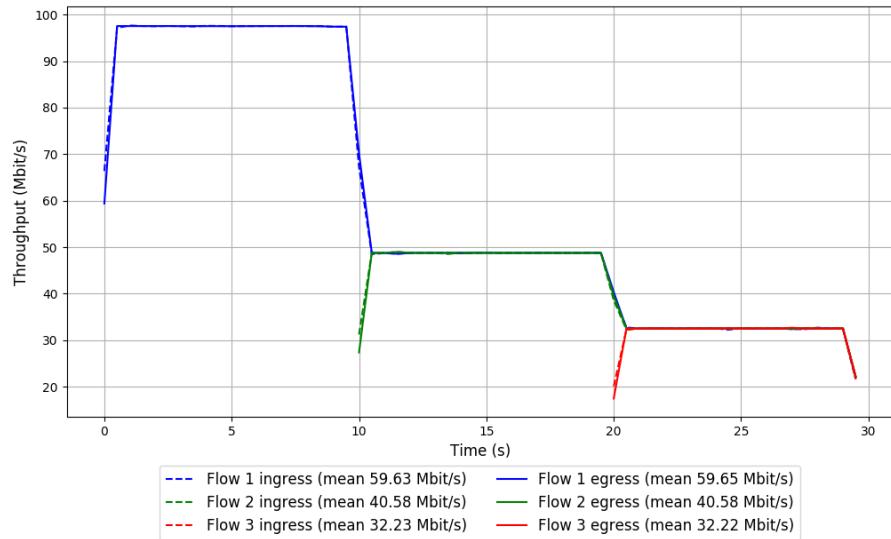


Run 8: Statistics of Indigo-1-32

```
Start at: 2018-01-26 12:52:40
End at: 2018-01-26 12:53:10
Local clock offset: 1.747 ms
Remote clock offset: -12.559 ms

# Below is generated by plot.py at 2018-01-26 17:27:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.99 Mbit/s
95th percentile per-packet one-way delay: 40.564 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 59.65 Mbit/s
95th percentile per-packet one-way delay: 40.617 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 40.58 Mbit/s
95th percentile per-packet one-way delay: 39.657 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 32.22 Mbit/s
95th percentile per-packet one-way delay: 37.393 ms
Loss rate: 0.30%
```

Run 8: Report of Indigo-1-32 — Data Link

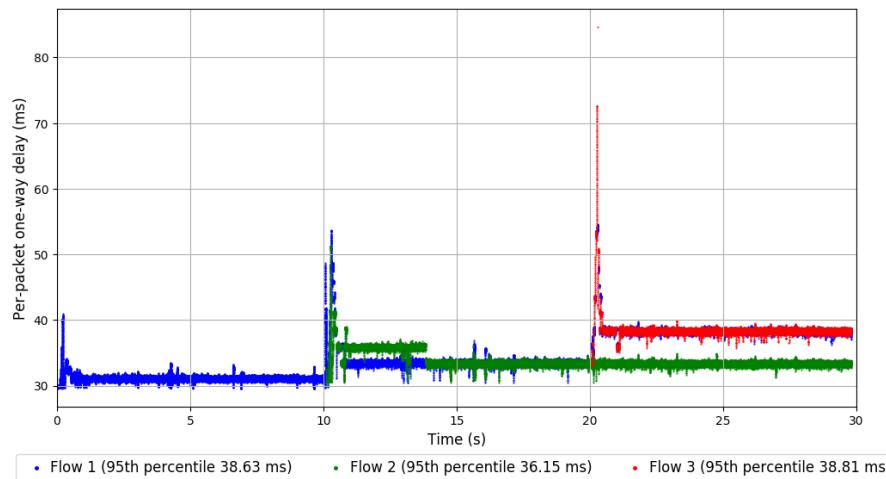
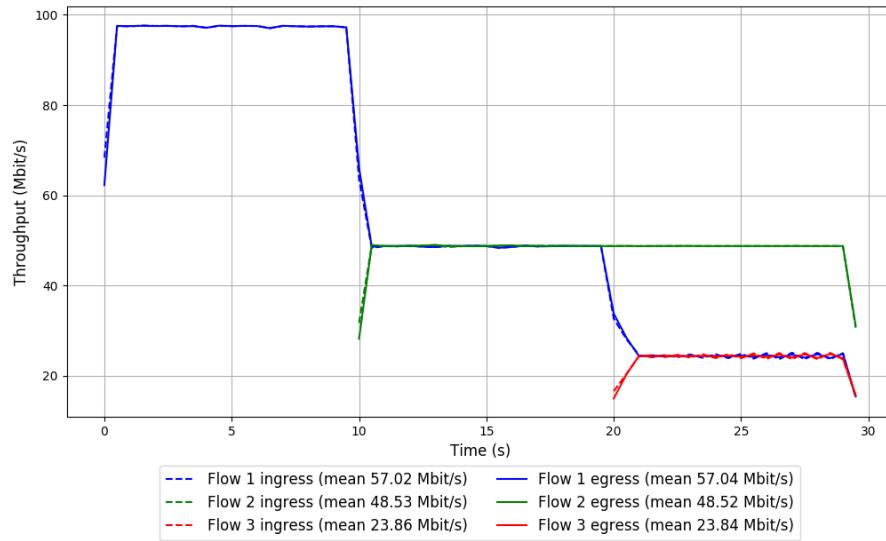


Run 9: Statistics of Indigo-1-32

```
Start at: 2018-01-26 13:12:20
End at: 2018-01-26 13:12:50
Local clock offset: 0.586 ms
Remote clock offset: -10.661 ms

# Below is generated by plot.py at 2018-01-26 17:27:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.95 Mbit/s
95th percentile per-packet one-way delay: 38.645 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 57.04 Mbit/s
95th percentile per-packet one-way delay: 38.626 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 48.52 Mbit/s
95th percentile per-packet one-way delay: 36.152 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 23.84 Mbit/s
95th percentile per-packet one-way delay: 38.813 ms
Loss rate: 0.35%
```

Run 9: Report of Indigo-1-32 — Data Link

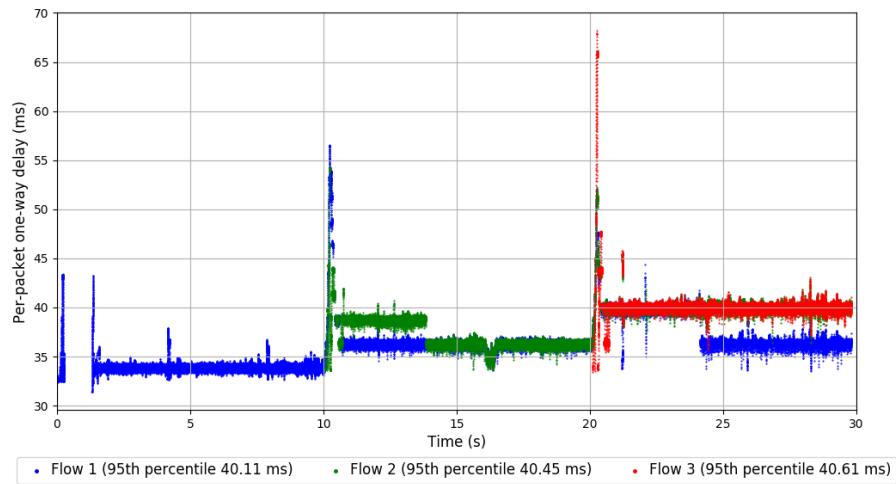
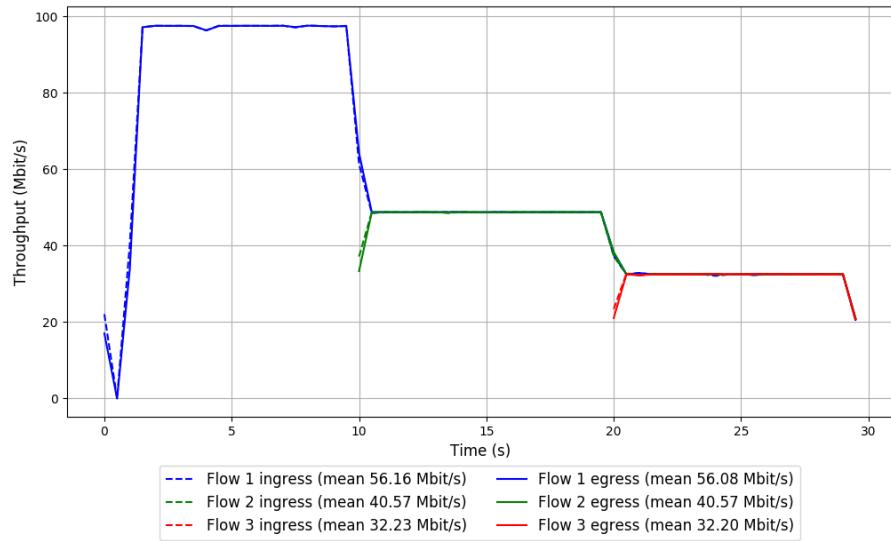


Run 10: Statistics of Indigo-1-32

```
Start at: 2018-01-26 13:32:06
End at: 2018-01-26 13:32:36
Local clock offset: 3.13 ms
Remote clock offset: -11.971 ms

# Below is generated by plot.py at 2018-01-26 17:27:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.53 Mbit/s
95th percentile per-packet one-way delay: 40.331 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 56.08 Mbit/s
95th percentile per-packet one-way delay: 40.114 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 40.57 Mbit/s
95th percentile per-packet one-way delay: 40.445 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 32.20 Mbit/s
95th percentile per-packet one-way delay: 40.610 ms
Loss rate: 0.33%
```

Run 10: Report of Indigo-1-32 — Data Link

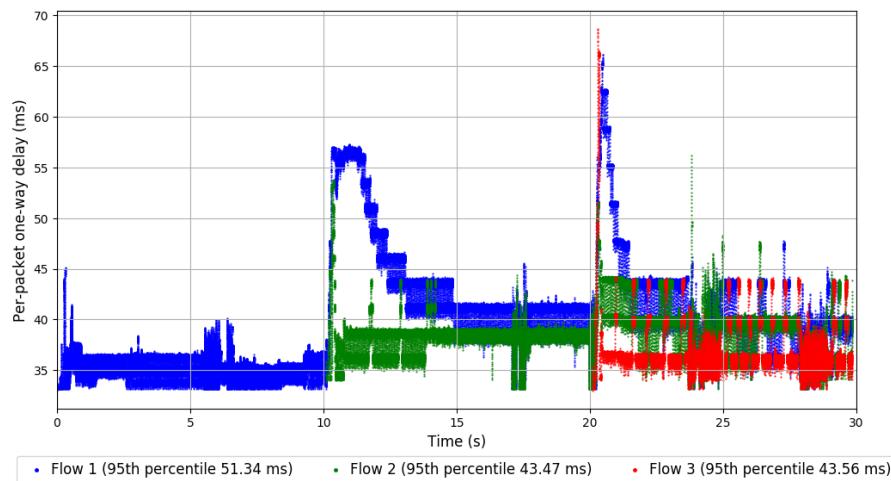
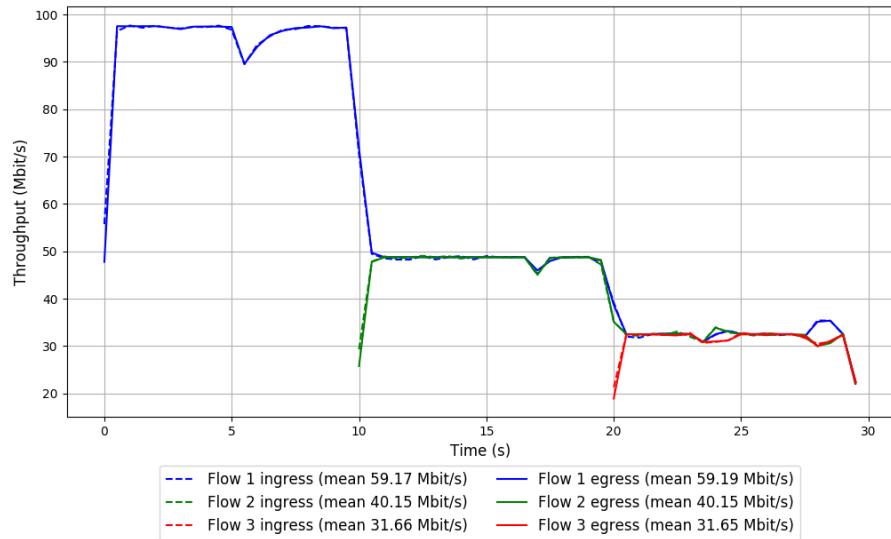


```
Run 1: Statistics of Indigo-1-128

Start at: 2018-01-26 10:48:01
End at: 2018-01-26 10:48:31
Local clock offset: 3.09 ms
Remote clock offset: -19.027 ms

# Below is generated by plot.py at 2018-01-26 17:28:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.13 Mbit/s
95th percentile per-packet one-way delay: 46.336 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 59.19 Mbit/s
95th percentile per-packet one-way delay: 51.344 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 40.15 Mbit/s
95th percentile per-packet one-way delay: 43.466 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 31.65 Mbit/s
95th percentile per-packet one-way delay: 43.562 ms
Loss rate: 0.26%
```

Run 1: Report of Indigo-1-128 — Data Link

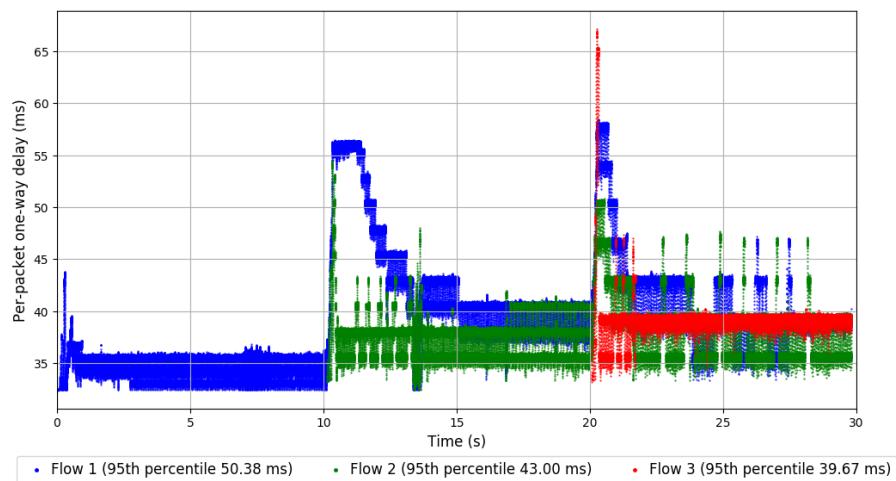
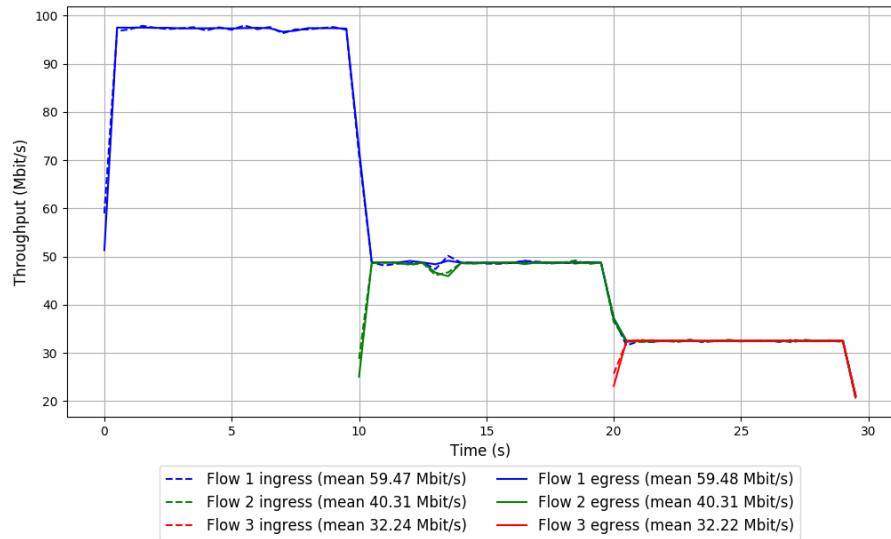


Run 2: Statistics of Indigo-1-128

```
Start at: 2018-01-26 11:06:47
End at: 2018-01-26 11:07:17
Local clock offset: 1.835 ms
Remote clock offset: -18.153 ms

# Below is generated by plot.py at 2018-01-26 17:28:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.71 Mbit/s
95th percentile per-packet one-way delay: 46.459 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 59.48 Mbit/s
95th percentile per-packet one-way delay: 50.381 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 40.31 Mbit/s
95th percentile per-packet one-way delay: 42.996 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 32.22 Mbit/s
95th percentile per-packet one-way delay: 39.668 ms
Loss rate: 0.32%
```

Run 2: Report of Indigo-1-128 — Data Link

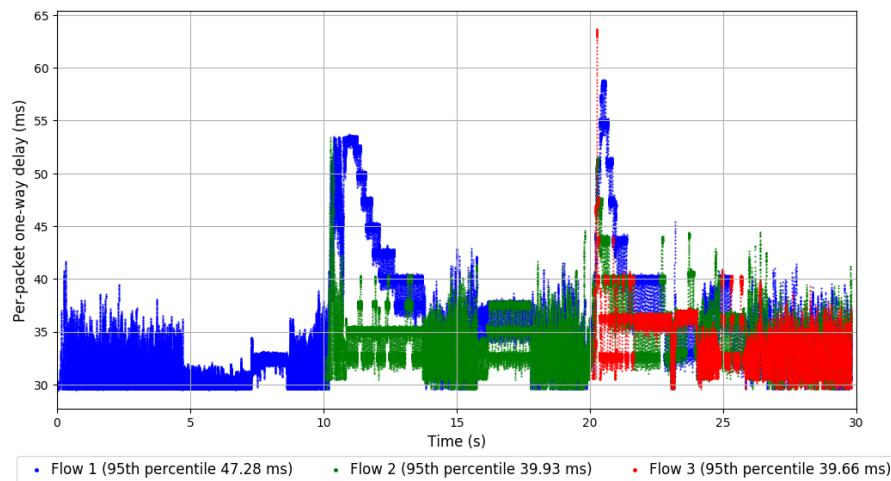
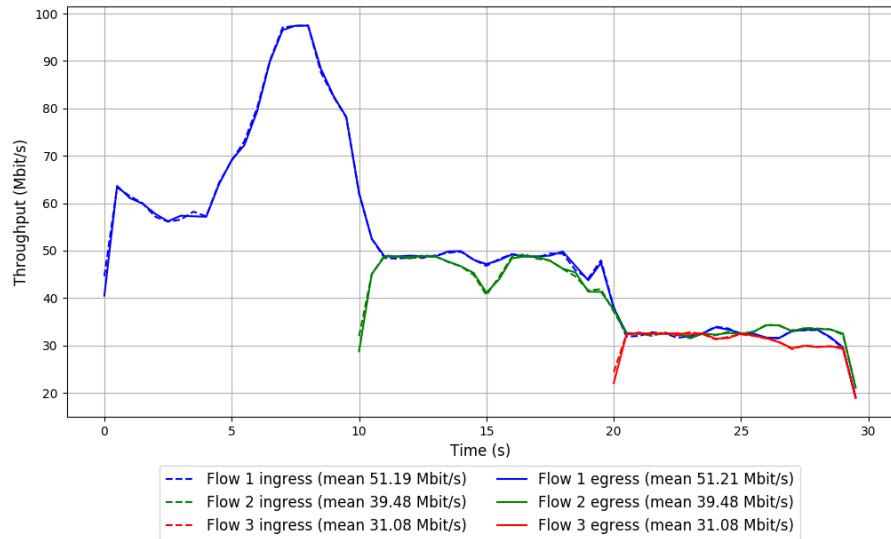


```
Run 3: Statistics of Indigo-1-128

Start at: 2018-01-26 11:25:42
End at: 2018-01-26 11:26:12
Local clock offset: 1.371 ms
Remote clock offset: -14.663 ms

# Below is generated by plot.py at 2018-01-26 17:28:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.56 Mbit/s
95th percentile per-packet one-way delay: 43.065 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 51.21 Mbit/s
95th percentile per-packet one-way delay: 47.284 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 39.48 Mbit/s
95th percentile per-packet one-way delay: 39.932 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 31.08 Mbit/s
95th percentile per-packet one-way delay: 39.657 ms
Loss rate: 0.28%
```

Run 3: Report of Indigo-1-128 — Data Link

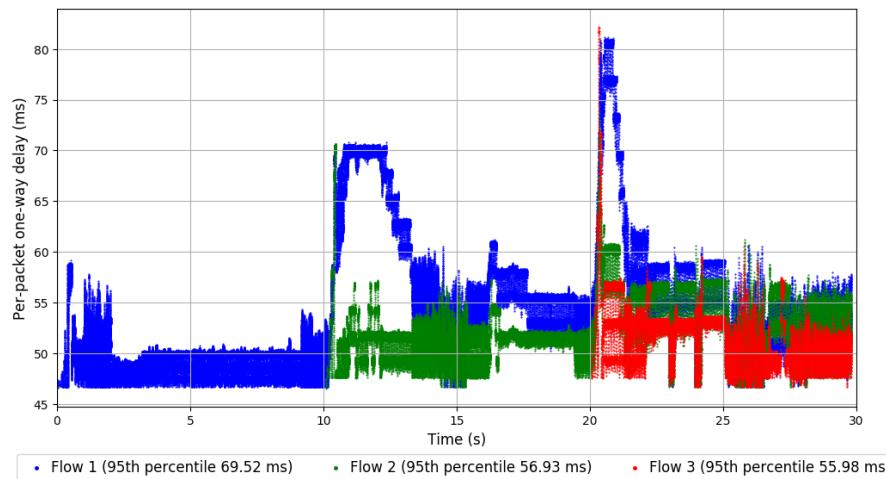
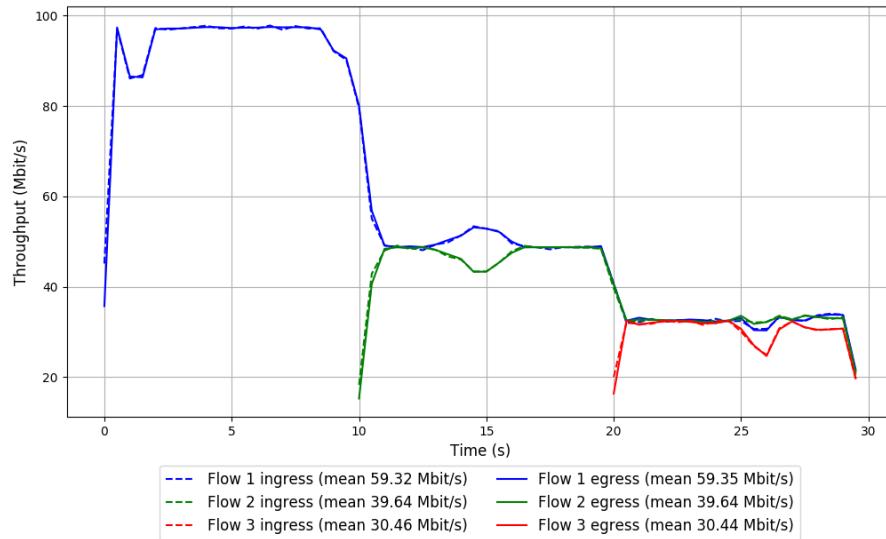


Run 4: Statistics of Indigo-1-128

```
Start at: 2018-01-26 11:44:45
End at: 2018-01-26 11:45:15
Local clock offset: 2.168 ms
Remote clock offset: -14.252 ms

# Below is generated by plot.py at 2018-01-26 17:28:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.58 Mbit/s
95th percentile per-packet one-way delay: 64.873 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 59.35 Mbit/s
95th percentile per-packet one-way delay: 69.521 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 39.64 Mbit/s
95th percentile per-packet one-way delay: 56.931 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 30.44 Mbit/s
95th percentile per-packet one-way delay: 55.977 ms
Loss rate: 0.47%
```

Run 4: Report of Indigo-1-128 — Data Link

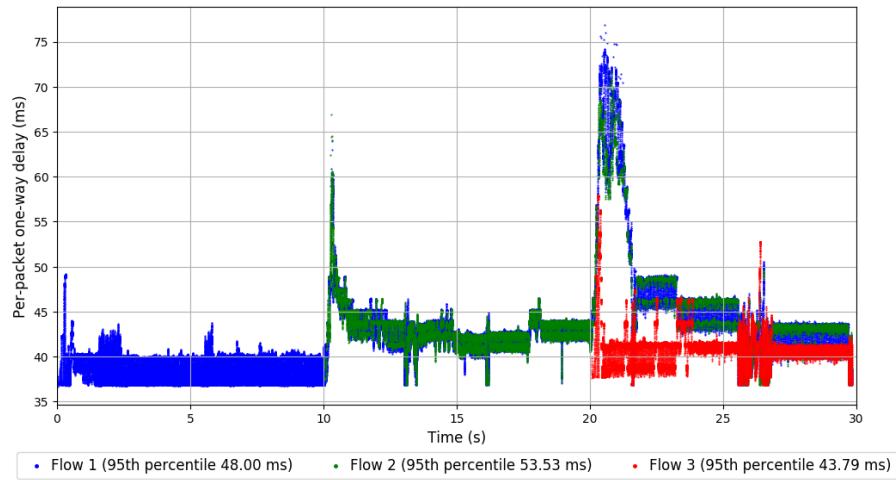
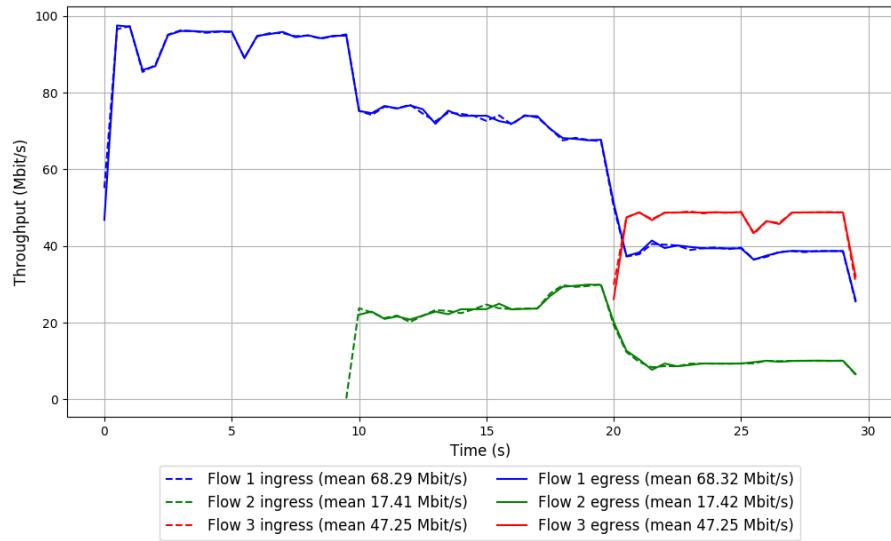


Run 5: Statistics of Indigo-1-128

```
Start at: 2018-01-26 12:03:48
End at: 2018-01-26 12:04:18
Local clock offset: 4.117 ms
Remote clock offset: -12.3 ms

# Below is generated by plot.py at 2018-01-26 17:28:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.36 Mbit/s
95th percentile per-packet one-way delay: 47.928 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 68.32 Mbit/s
95th percentile per-packet one-way delay: 47.999 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 17.42 Mbit/s
95th percentile per-packet one-way delay: 53.528 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 47.25 Mbit/s
95th percentile per-packet one-way delay: 43.786 ms
Loss rate: 0.26%
```

Run 5: Report of Indigo-1-128 — Data Link

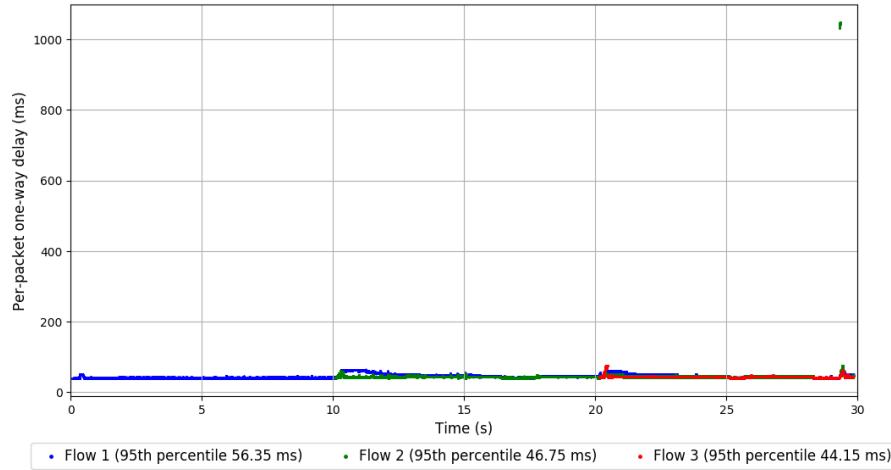
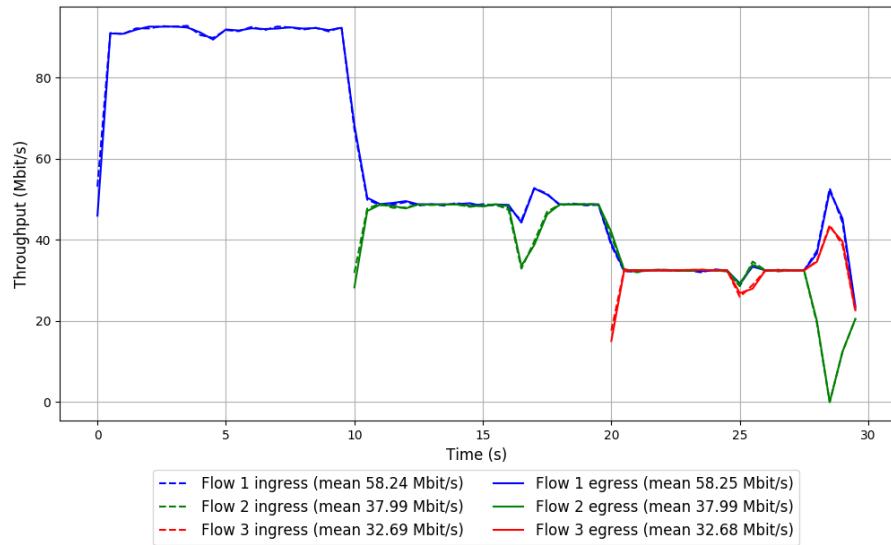


Run 6: Statistics of Indigo-1-128

```
Start at: 2018-01-26 12:23:00
End at: 2018-01-26 12:23:30
Local clock offset: 3.65 ms
Remote clock offset: -13.139 ms

# Below is generated by plot.py at 2018-01-26 17:28:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.08 Mbit/s
95th percentile per-packet one-way delay: 52.033 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 58.25 Mbit/s
95th percentile per-packet one-way delay: 56.351 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 37.99 Mbit/s
95th percentile per-packet one-way delay: 46.748 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 32.68 Mbit/s
95th percentile per-packet one-way delay: 44.145 ms
Loss rate: 0.36%
```

Run 6: Report of Indigo-1-128 — Data Link

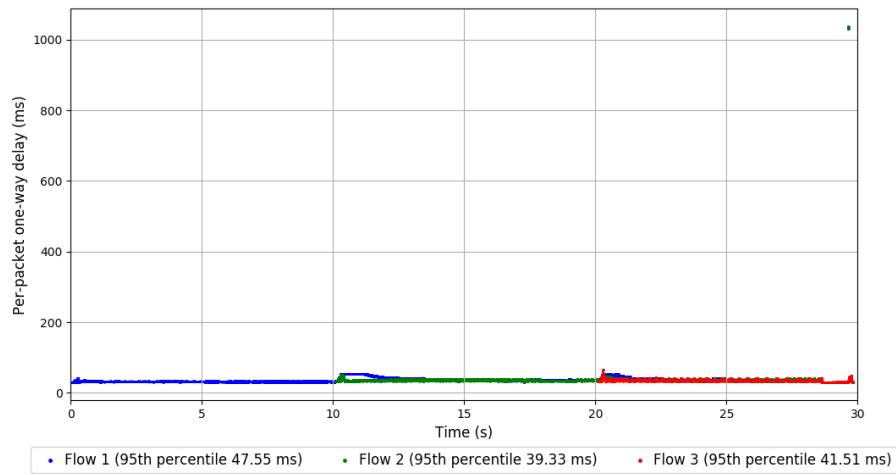
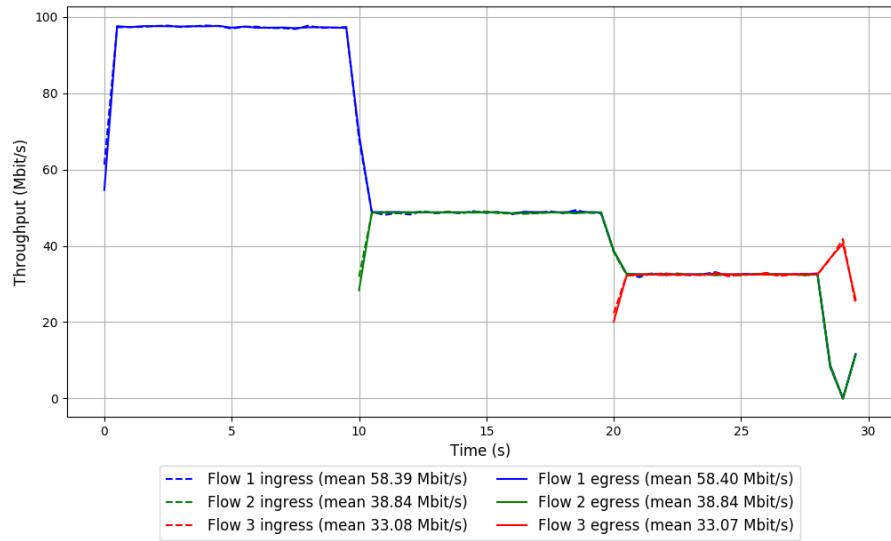


Run 7: Statistics of Indigo-1-128

```
Start at: 2018-01-26 12:42:34
End at: 2018-01-26 12:43:04
Local clock offset: 1.585 ms
Remote clock offset: -10.54 ms

# Below is generated by plot.py at 2018-01-26 17:29:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.91 Mbit/s
95th percentile per-packet one-way delay: 43.636 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 58.40 Mbit/s
95th percentile per-packet one-way delay: 47.546 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 38.84 Mbit/s
95th percentile per-packet one-way delay: 39.334 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 33.07 Mbit/s
95th percentile per-packet one-way delay: 41.505 ms
Loss rate: 0.30%
```

Run 7: Report of Indigo-1-128 — Data Link

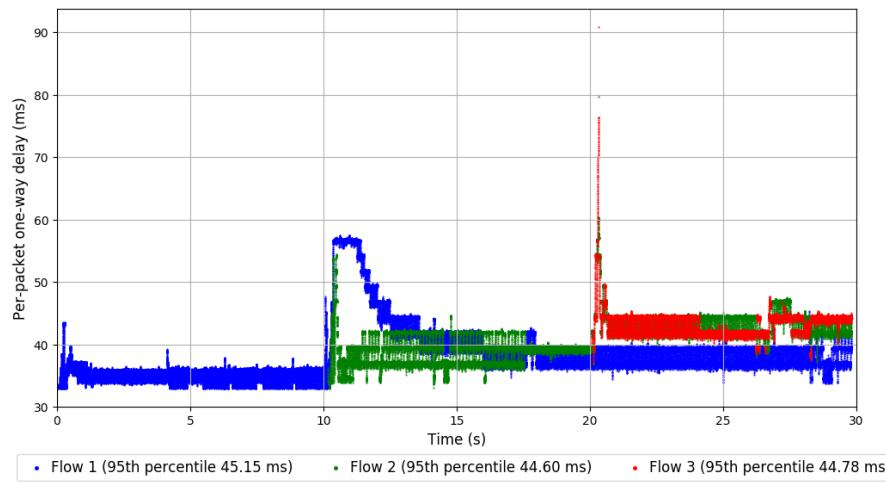
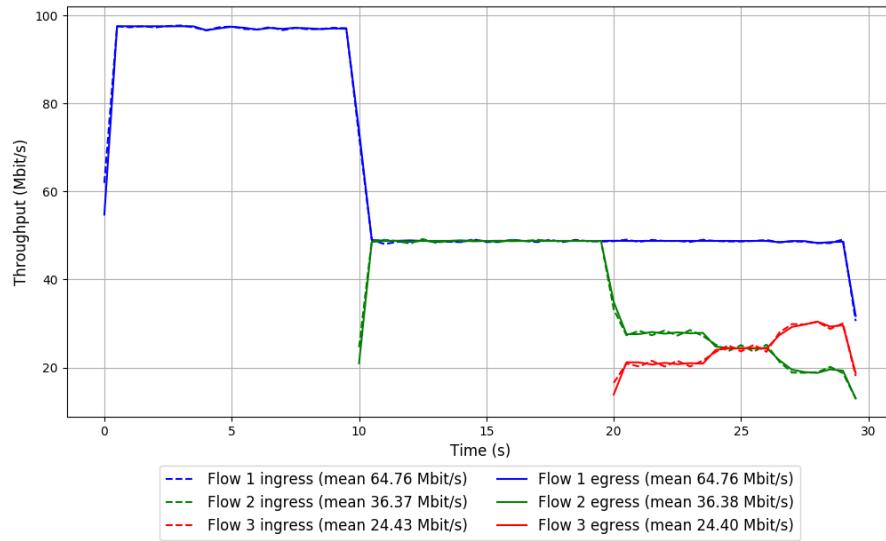


Run 8: Statistics of Indigo-1-128

```
Start at: 2018-01-26 13:02:18
End at: 2018-01-26 13:02:48
Local clock offset: 3.35 ms
Remote clock offset: -10.815 ms

# Below is generated by plot.py at 2018-01-26 17:29:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.76 Mbit/s
95th percentile per-packet one-way delay: 44.674 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 64.76 Mbit/s
95th percentile per-packet one-way delay: 45.146 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 36.38 Mbit/s
95th percentile per-packet one-way delay: 44.599 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 24.40 Mbit/s
95th percentile per-packet one-way delay: 44.783 ms
Loss rate: 0.45%
```

Run 8: Report of Indigo-1-128 — Data Link

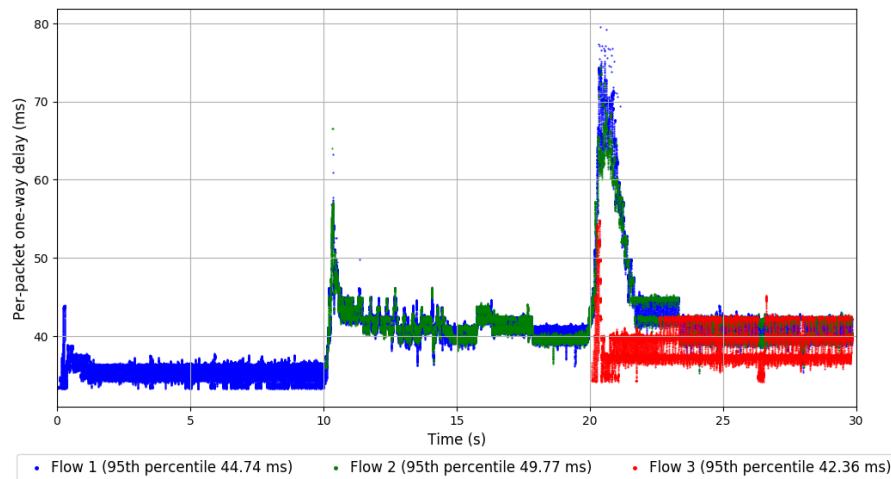
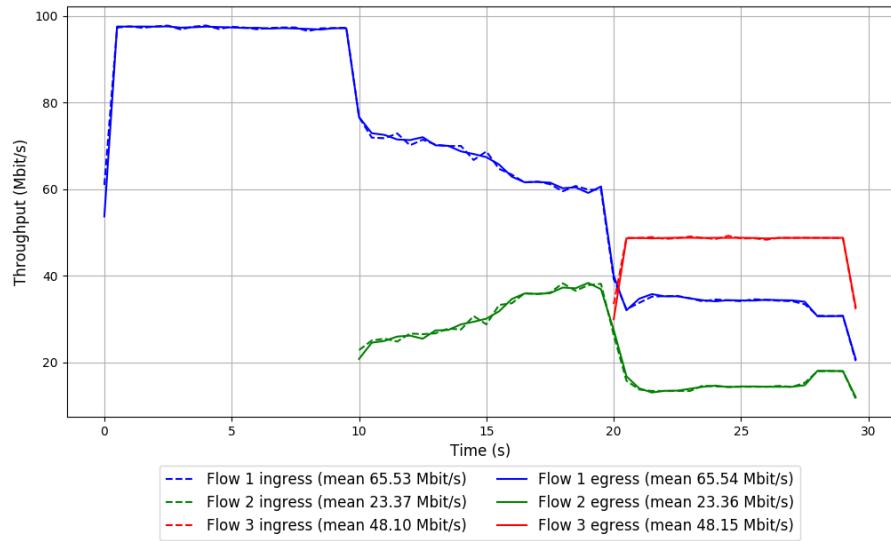


Run 9: Statistics of Indigo-1-128

```
Start at: 2018-01-26 13:21:53
End at: 2018-01-26 13:22:23
Local clock offset: 4.276 ms
Remote clock offset: -11.647 ms

# Below is generated by plot.py at 2018-01-26 17:29:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.82 Mbit/s
95th percentile per-packet one-way delay: 44.774 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 65.54 Mbit/s
95th percentile per-packet one-way delay: 44.739 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 23.36 Mbit/s
95th percentile per-packet one-way delay: 49.770 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 48.15 Mbit/s
95th percentile per-packet one-way delay: 42.356 ms
Loss rate: 0.33%
```

Run 9: Report of Indigo-1-128 — Data Link



Run 10: Statistics of Indigo-1-128

```
Start at: 2018-01-26 13:41:46
End at: 2018-01-26 13:42:16
Local clock offset: 3.381 ms
Remote clock offset: -15.158 ms

# Below is generated by plot.py at 2018-01-26 17:29:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.54 Mbit/s
95th percentile per-packet one-way delay: 48.886 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 58.28 Mbit/s
95th percentile per-packet one-way delay: 53.228 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 41.41 Mbit/s
95th percentile per-packet one-way delay: 46.378 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 33.09 Mbit/s
95th percentile per-packet one-way delay: 46.558 ms
Loss rate: 0.29%
```

Run 10: Report of Indigo-1-128 — Data Link

