

Pantheon Summary (Generated at Tue, 01 Aug 2017 05:52:03 +0000 with pantheon version 33c7b8d34ce04c76596315aa973f0b30d6129d55)

Repeated the test of 15 congestion control schemes 10 times.

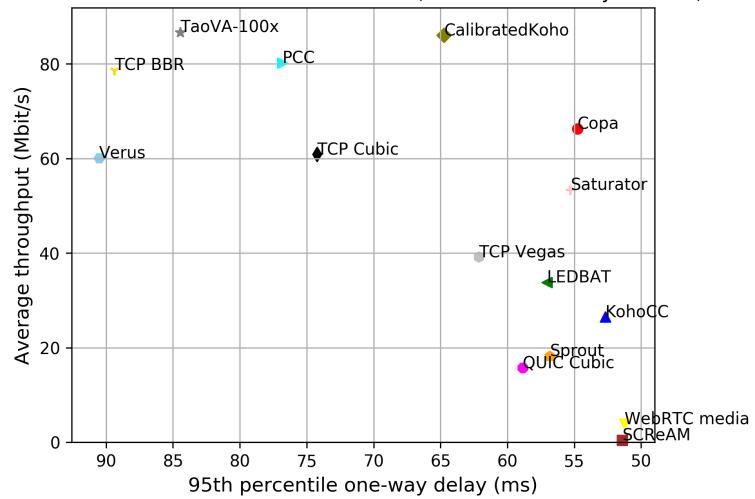
Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.

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

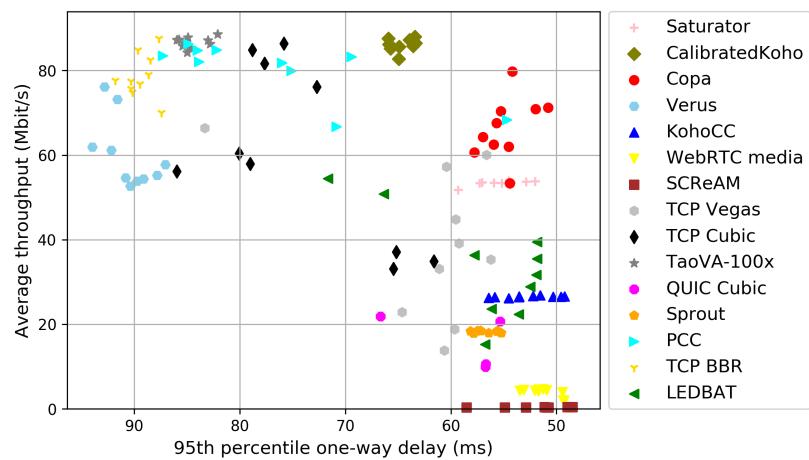
NTP offset measured against time.stanford.edu and has been applied to correct the timestamps in logs.

```
git branch: master @ 33c7b8d34ce04c76596315aa973f0b30d6129d55
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
    M datagrump/sender.cc
third_party/genericCC @ dae96123232f1bcb37725348fa2378691ce26725
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
    M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179aab4a906ce6bb7cf3cf
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
    M receiver/src/buffer.h
    M receiver/src/core.cpp
    M sender/src/buffer.h
    M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeeb30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
    M src/examples/cellsim.cc
    M src/examples/sproutbt2.cc
    M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
    M src/verus.hpp
    M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

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



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



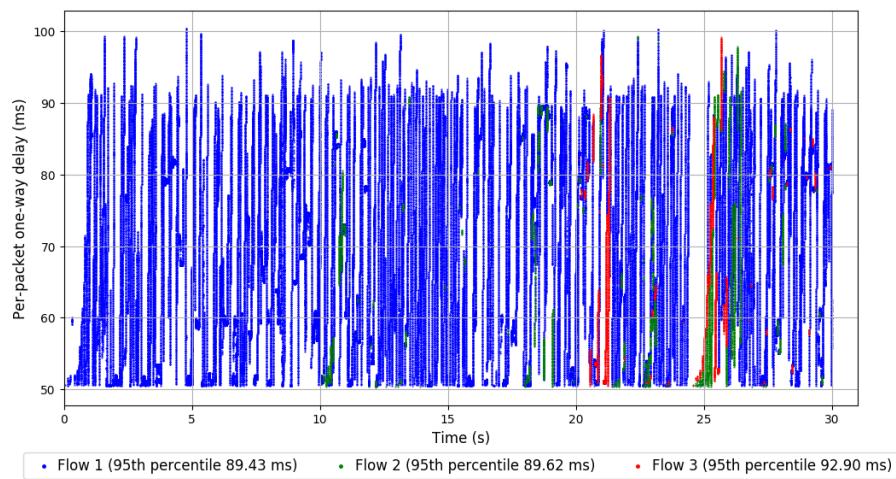
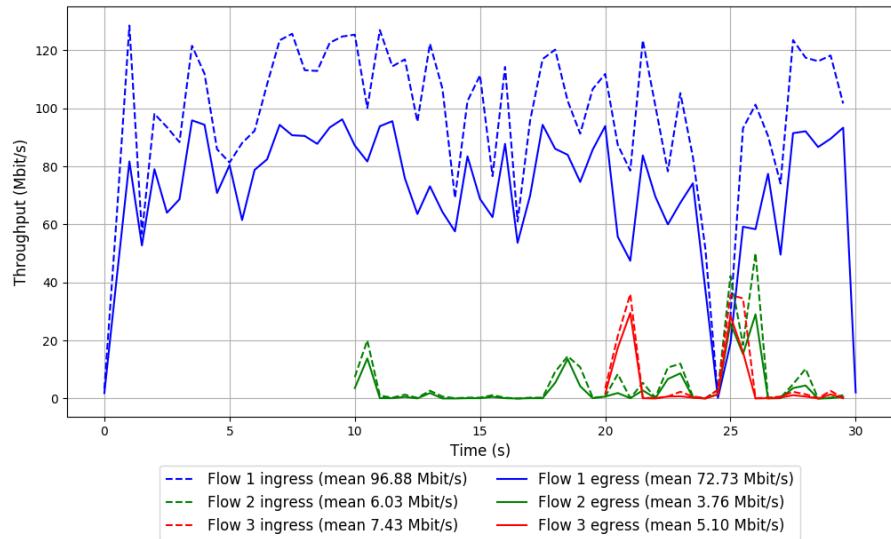
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	56.99	26.34	14.29	89.44	89.11	89.20	26.96	29.68	36.59
CalibratedKoho	10	82.55	3.91	2.81	64.74	64.38	64.24	0.42	0.38	0.33
Copa	10	39.43	31.62	17.57	54.05	55.59	54.65	0.19	0.24	0.20
TCP Cubic	10	29.56	26.85	40.51	69.43	74.99	75.10	0.77	0.93	0.99
KohoCC	10	13.36	13.29	13.03	52.56	52.47	53.33	0.18	0.17	0.16
LEDBAT	10	20.91	14.33	10.34	56.60	57.20	57.81	0.15	0.24	0.26
PCC	10	66.89	12.66	14.89	76.19	78.26	75.13	2.39	2.41	2.42
QUIC Cubic	10	0.07	0.07	48.08	49.38	49.57	58.86	0.00	0.00	0.46
Saturator	10	26.89	26.65	26.27	55.03	55.25	55.91	0.32	0.28	0.37
SCReAM	10	0.19	0.20	0.22	51.30	51.09	51.26	0.15	0.13	0.08
Sprout	10	9.23	9.15	8.95	56.74	56.60	57.27	0.19	0.21	0.21
TaoVA-100x	10	53.99	40.04	50.89	82.57	86.12	79.09	11.40	19.60	30.88
TCP Vegas	10	19.72	17.36	23.81	61.33	60.11	61.14	1.51	0.69	1.15
Verus	10	44.51	18.74	11.92	90.67	89.92	88.86	48.48	42.11	48.14
WebRTC media	10	2.04	1.42	0.49	51.68	50.96	51.51	0.08	0.07	0.02

Run 1: Statistics of TCP BBR

```
Start at: Mon, 31 Jul 2017 22:13:16 +0000
End at: Mon, 31 Jul 2017 22:13:46 +0000
Local clock offset: 0.582 ms
Remote clock offset: -0.504 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:41:39 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 76.85 Mbit/s
95th percentile per-packet one-way delay: 89.460 ms
Loss rate: 25.62%
-- Flow 1:
Average throughput: 72.73 Mbit/s
95th percentile per-packet one-way delay: 89.430 ms
Loss rate: 24.92%
-- Flow 2:
Average throughput: 3.76 Mbit/s
95th percentile per-packet one-way delay: 89.616 ms
Loss rate: 39.01%
-- Flow 3:
Average throughput: 5.10 Mbit/s
95th percentile per-packet one-way delay: 92.896 ms
Loss rate: 31.38%
```

Run 1: Report of TCP BBR — Data Link

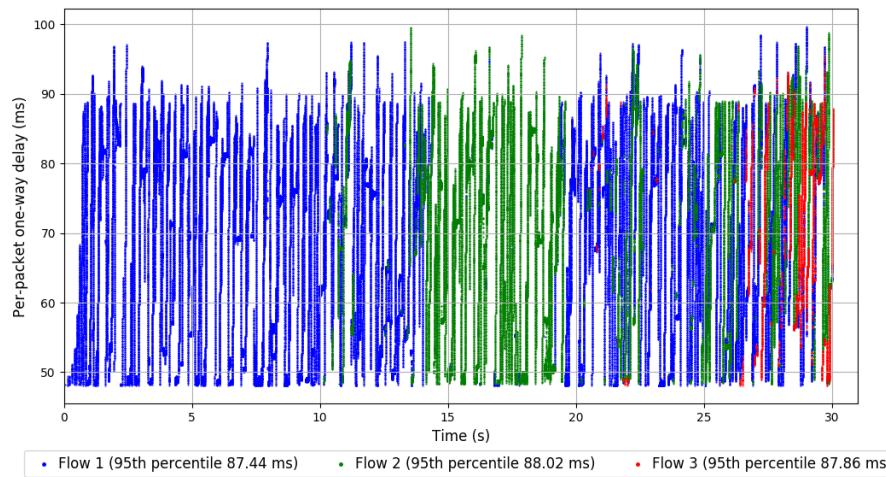
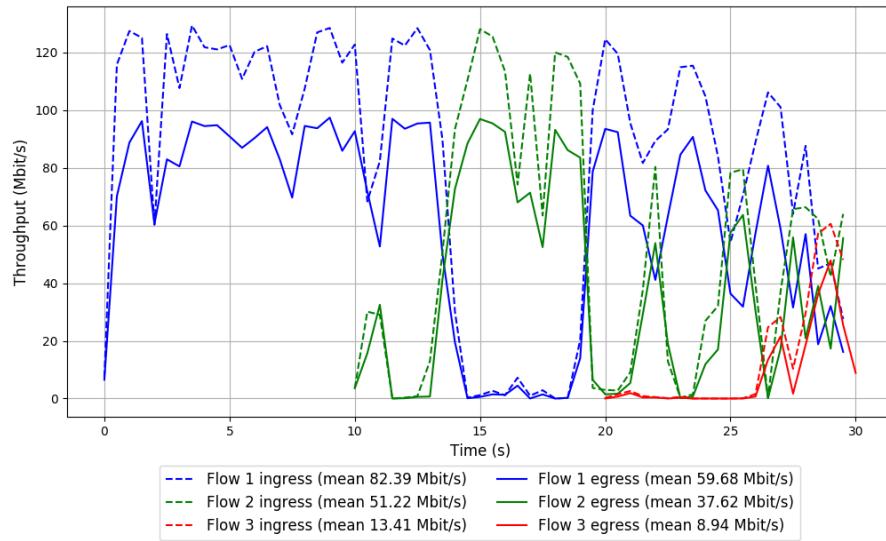


Run 2: Statistics of TCP BBR

```
Start at: Mon, 31 Jul 2017 22:34:11 +0000
End at: Mon, 31 Jul 2017 22:34:41 +0000
Local clock offset: 0.592 ms
Remote clock offset: -2.165 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:41:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.56 Mbit/s
95th percentile per-packet one-way delay: 87.648 ms
Loss rate: 27.45%
-- Flow 1:
Average throughput: 59.68 Mbit/s
95th percentile per-packet one-way delay: 87.442 ms
Loss rate: 27.52%
-- Flow 2:
Average throughput: 37.62 Mbit/s
95th percentile per-packet one-way delay: 88.022 ms
Loss rate: 26.54%
-- Flow 3:
Average throughput: 8.94 Mbit/s
95th percentile per-packet one-way delay: 87.859 ms
Loss rate: 33.24%
```

Run 2: Report of TCP BBR — Data Link

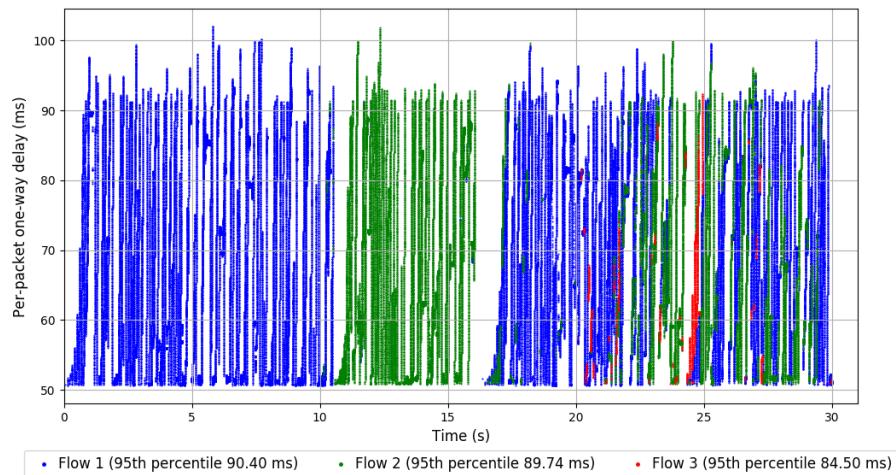
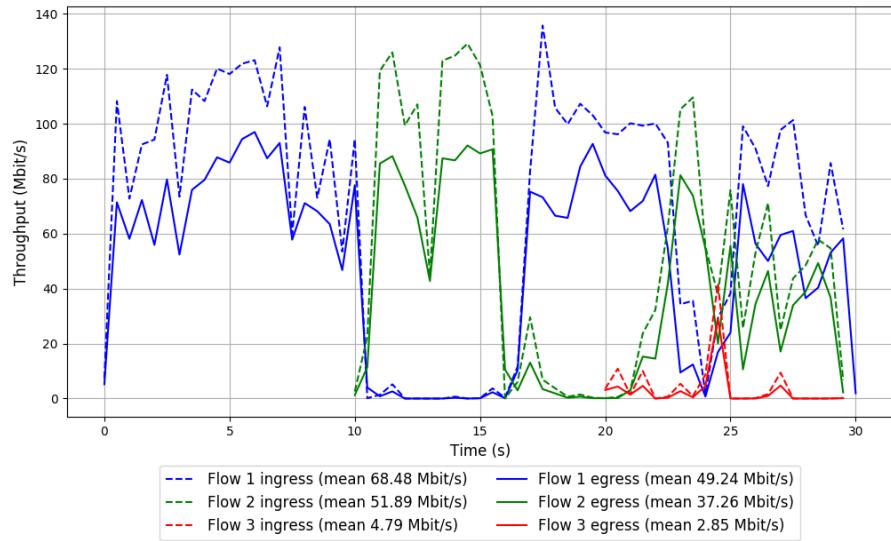


Run 3: Statistics of TCP BBR

```
Start at: Mon, 31 Jul 2017 22:55:10 +0000
End at: Mon, 31 Jul 2017 22:55:40 +0000
Local clock offset: 0.689 ms
Remote clock offset: 0.868 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:41:48 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 74.90 Mbit/s
95th percentile per-packet one-way delay: 90.150 ms
Loss rate: 28.32%
-- Flow 1:
Average throughput: 49.24 Mbit/s
95th percentile per-packet one-way delay: 90.399 ms
Loss rate: 28.10%
-- Flow 2:
Average throughput: 37.26 Mbit/s
95th percentile per-packet one-way delay: 89.739 ms
Loss rate: 28.19%
-- Flow 3:
Average throughput: 2.85 Mbit/s
95th percentile per-packet one-way delay: 84.498 ms
Loss rate: 40.58%
```

Run 3: Report of TCP BBR — Data Link

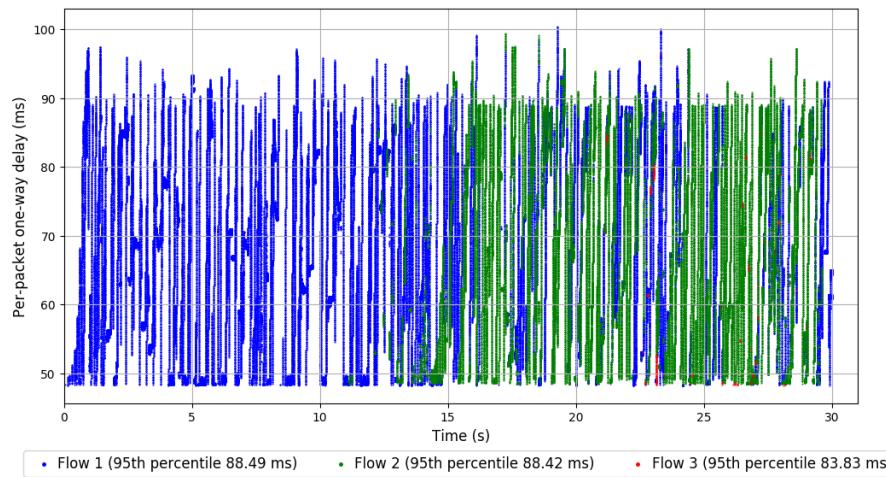
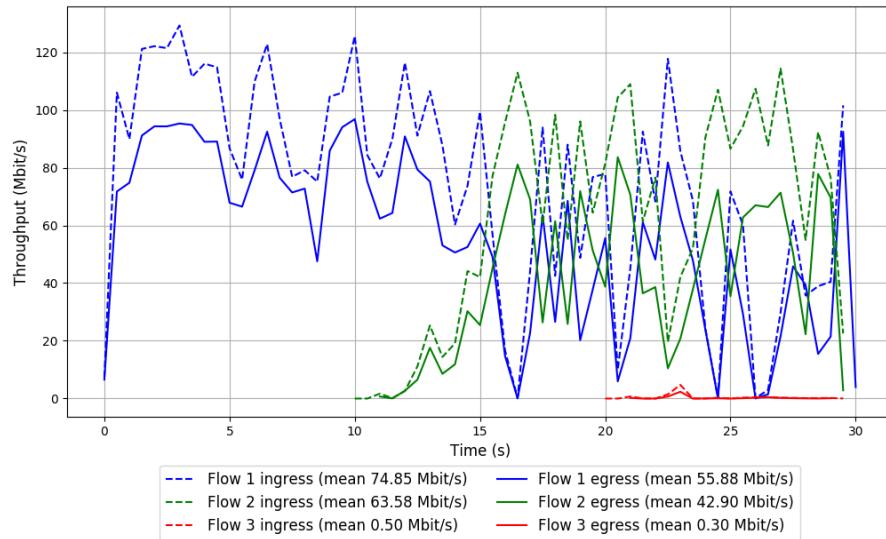


Run 4: Statistics of TCP BBR

```
Start at: Mon, 31 Jul 2017 23:15:59 +0000
End at: Mon, 31 Jul 2017 23:16:29 +0000
Local clock offset: 0.467 ms
Remote clock offset: -1.348 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:41:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 82.49 Mbit/s
95th percentile per-packet one-way delay: 88.452 ms
Loss rate: 29.14%
-- Flow 1:
Average throughput: 55.88 Mbit/s
95th percentile per-packet one-way delay: 88.488 ms
Loss rate: 25.32%
-- Flow 2:
Average throughput: 42.90 Mbit/s
95th percentile per-packet one-way delay: 88.425 ms
Loss rate: 35.96%
-- Flow 3:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 83.826 ms
Loss rate: 48.85%
```

Run 4: Report of TCP BBR — Data Link

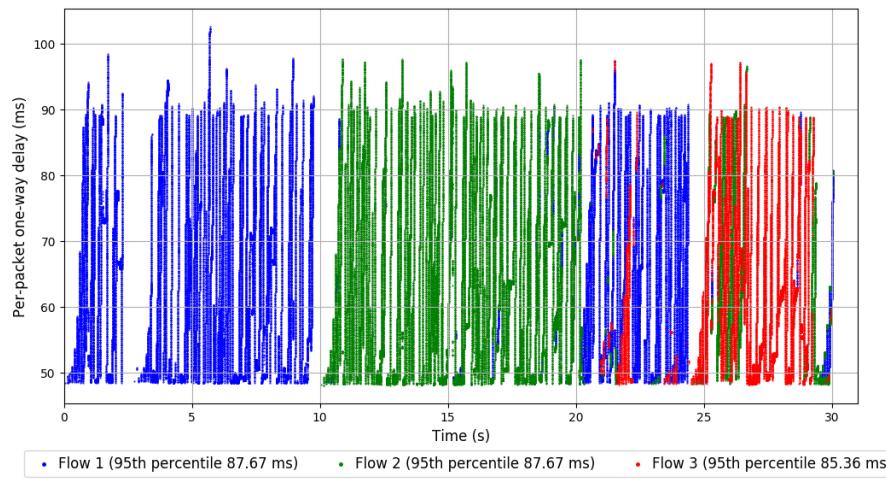
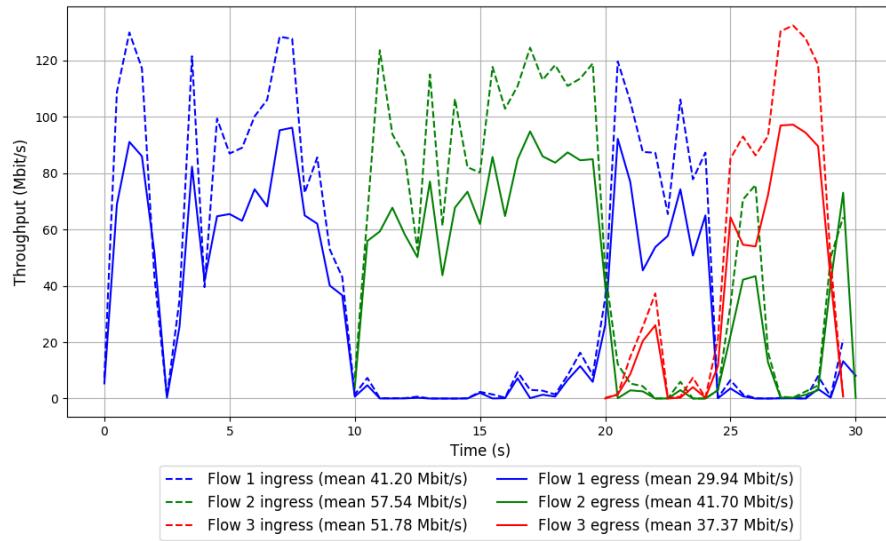


Run 5: Statistics of TCP BBR

```
Start at: Mon, 31 Jul 2017 23:36:50 +0000
End at: Mon, 31 Jul 2017 23:37:20 +0000
Local clock offset: 0.382 ms
Remote clock offset: -1.263 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:41:59 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 70.04 Mbit/s
95th percentile per-packet one-way delay: 87.424 ms
Loss rate: 27.45%
-- Flow 1:
Average throughput: 29.94 Mbit/s
95th percentile per-packet one-way delay: 87.667 ms
Loss rate: 27.25%
-- Flow 2:
Average throughput: 41.70 Mbit/s
95th percentile per-packet one-way delay: 87.673 ms
Loss rate: 27.46%
-- Flow 3:
Average throughput: 37.37 Mbit/s
95th percentile per-packet one-way delay: 85.359 ms
Loss rate: 27.91%
```

Run 5: Report of TCP BBR — Data Link

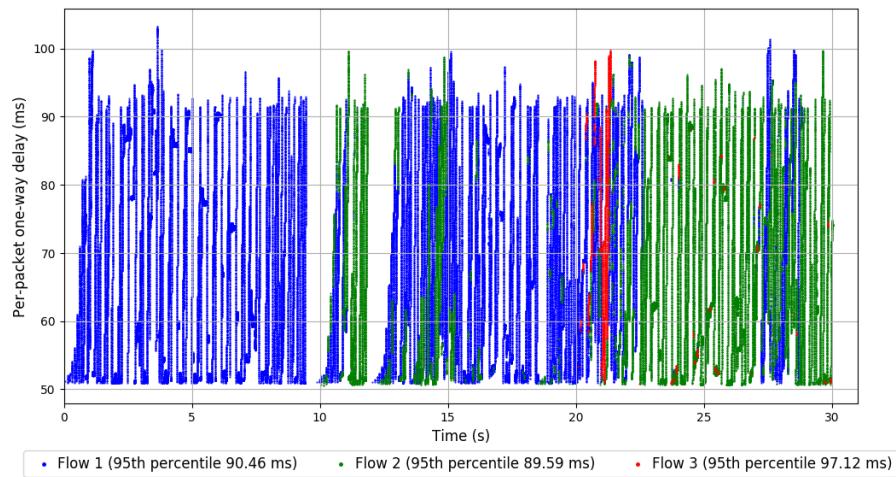
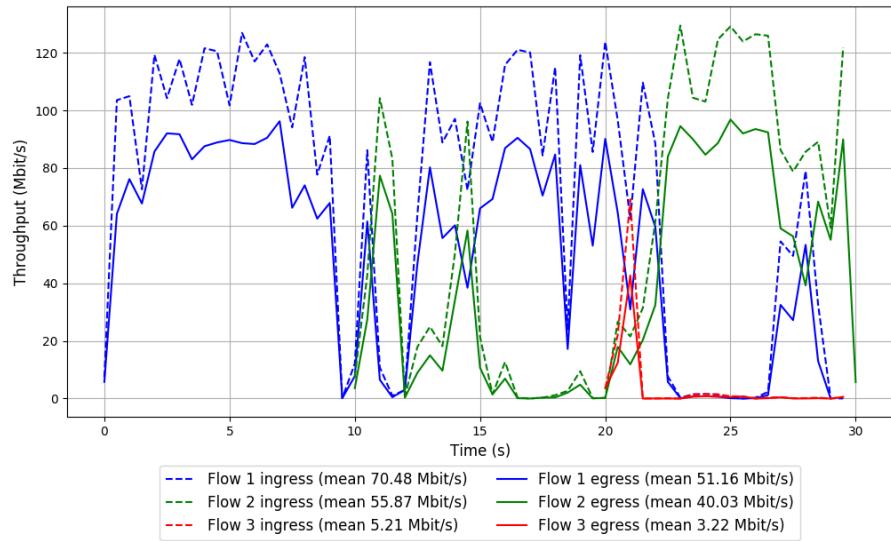


Run 6: Statistics of TCP BBR

```
Start at: Mon, 31 Jul 2017 23:57:44 +0000
End at: Mon, 31 Jul 2017 23:58:14 +0000
Local clock offset: 0.587 ms
Remote clock offset: 1.416 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:42:05 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.53 Mbit/s
95th percentile per-packet one-way delay: 90.305 ms
Loss rate: 28.59%
-- Flow 1:
Average throughput: 51.16 Mbit/s
95th percentile per-packet one-way delay: 90.458 ms
Loss rate: 28.51%
-- Flow 2:
Average throughput: 40.03 Mbit/s
95th percentile per-packet one-way delay: 89.586 ms
Loss rate: 28.27%
-- Flow 3:
Average throughput: 3.22 Mbit/s
95th percentile per-packet one-way delay: 97.116 ms
Loss rate: 38.30%
```

Run 6: Report of TCP BBR — Data Link

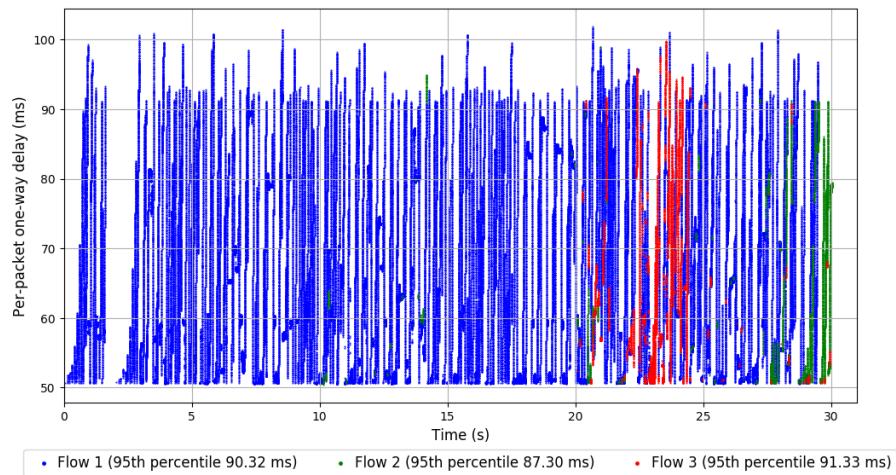
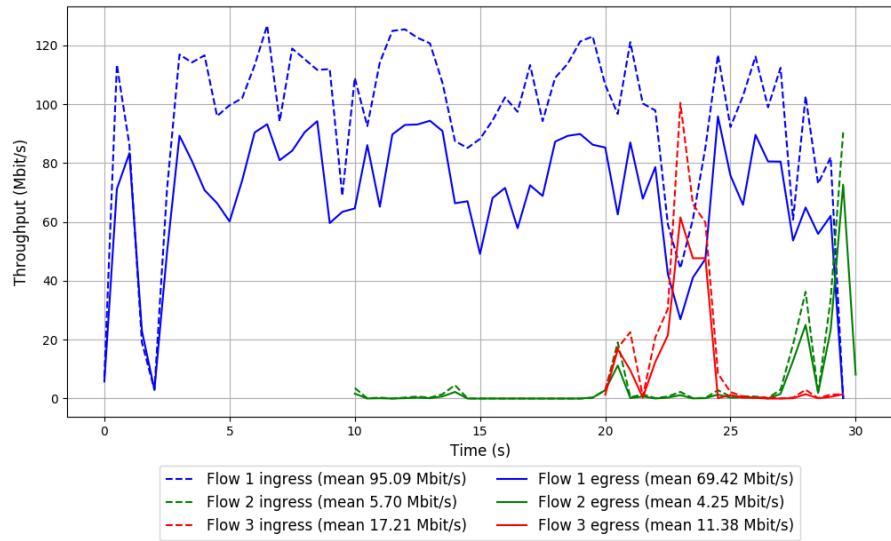


Run 7: Statistics of TCP BBR

```
Start at: Tue, 01 Aug 2017 00:19:14 +0000
End at: Tue, 01 Aug 2017 00:19:44 +0000
Local clock offset: 0.618 ms
Remote clock offset: 1.038 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:42:10 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 75.74 Mbit/s
95th percentile per-packet one-way delay: 90.298 ms
Loss rate: 27.30%
-- Flow 1:
Average throughput: 69.42 Mbit/s
95th percentile per-packet one-way delay: 90.320 ms
Loss rate: 26.99%
-- Flow 2:
Average throughput: 4.25 Mbit/s
95th percentile per-packet one-way delay: 87.300 ms
Loss rate: 25.38%
-- Flow 3:
Average throughput: 11.38 Mbit/s
95th percentile per-packet one-way delay: 91.335 ms
Loss rate: 33.82%
```

Run 7: Report of TCP BBR — Data Link

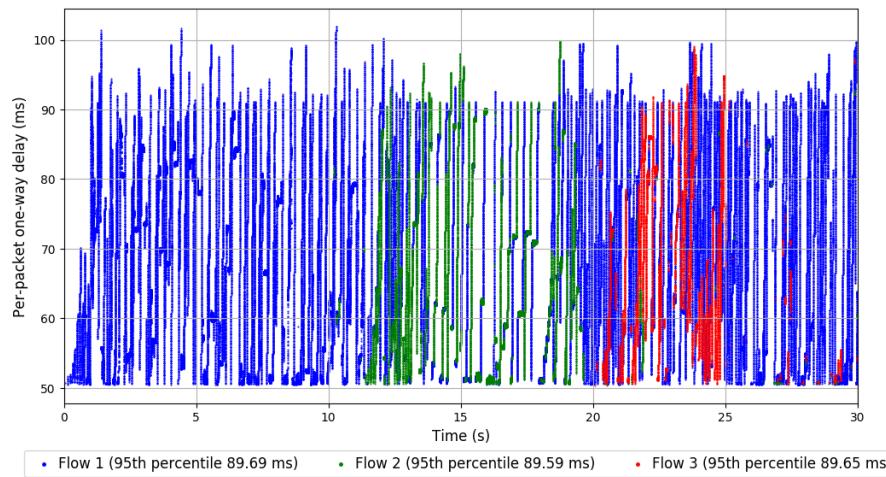
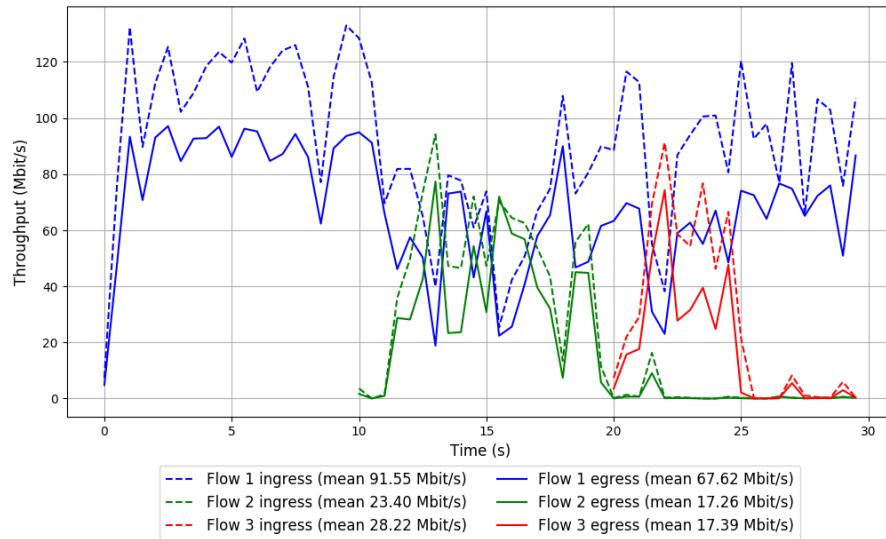


Run 8: Statistics of TCP BBR

```
Start at: Tue, 01 Aug 2017 00:40:26 +0000
End at: Tue, 01 Aug 2017 00:40:56 +0000
Local clock offset: 0.826 ms
Remote clock offset: 1.059 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:42:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.86 Mbit/s
95th percentile per-packet one-way delay: 89.659 ms
Loss rate: 27.12%
-- Flow 1:
Average throughput: 67.62 Mbit/s
95th percentile per-packet one-way delay: 89.687 ms
Loss rate: 26.11%
-- Flow 2:
Average throughput: 17.26 Mbit/s
95th percentile per-packet one-way delay: 89.594 ms
Loss rate: 26.27%
-- Flow 3:
Average throughput: 17.39 Mbit/s
95th percentile per-packet one-way delay: 89.647 ms
Loss rate: 38.37%
```

Run 8: Report of TCP BBR — Data Link

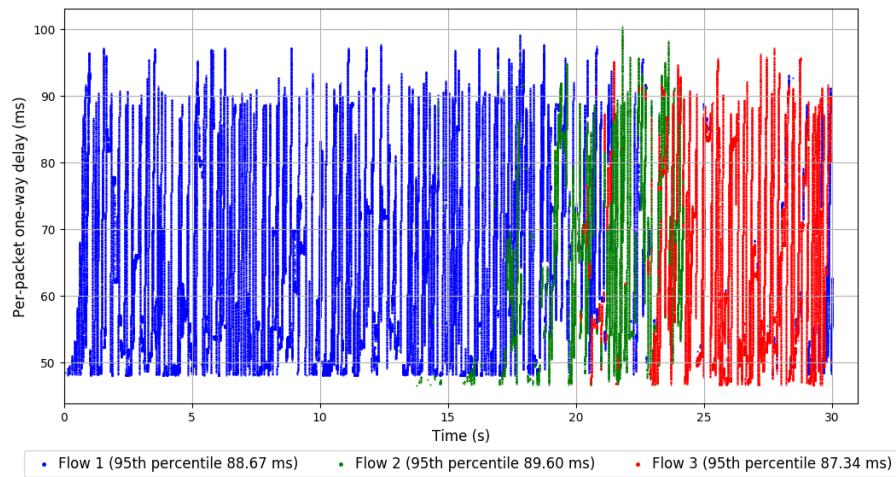
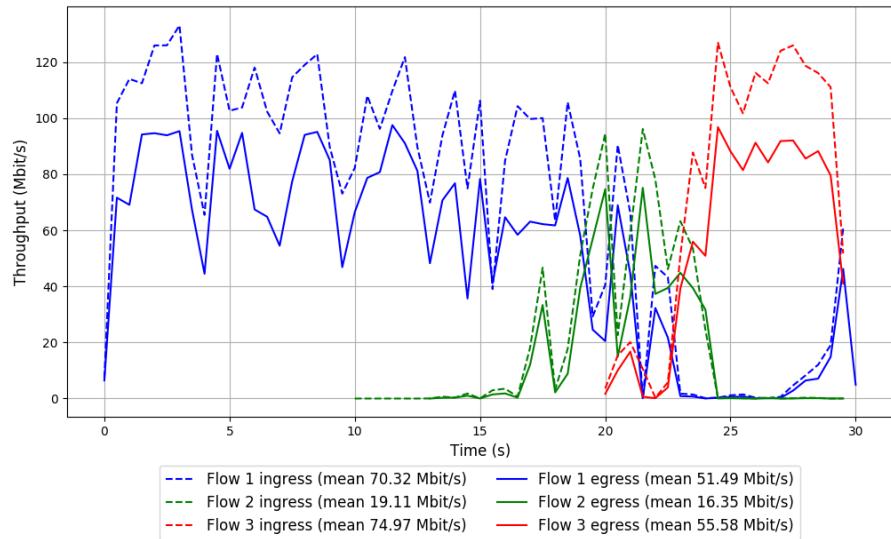


Run 9: Statistics of TCP BBR

```
Start at: Tue, 01 Aug 2017 01:01:24 +0000
End at: Tue, 01 Aug 2017 01:01:54 +0000
Local clock offset: 0.834 ms
Remote clock offset: -1.151 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:42:22 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.04 Mbit/s
95th percentile per-packet one-way delay: 88.634 ms
Loss rate: 26.65%
-- Flow 1:
Average throughput: 51.49 Mbit/s
95th percentile per-packet one-way delay: 88.675 ms
Loss rate: 26.74%
-- Flow 2:
Average throughput: 16.35 Mbit/s
95th percentile per-packet one-way delay: 89.600 ms
Loss rate: 27.44%
-- Flow 3:
Average throughput: 55.58 Mbit/s
95th percentile per-packet one-way delay: 87.337 ms
Loss rate: 25.99%
```

Run 9: Report of TCP BBR — Data Link

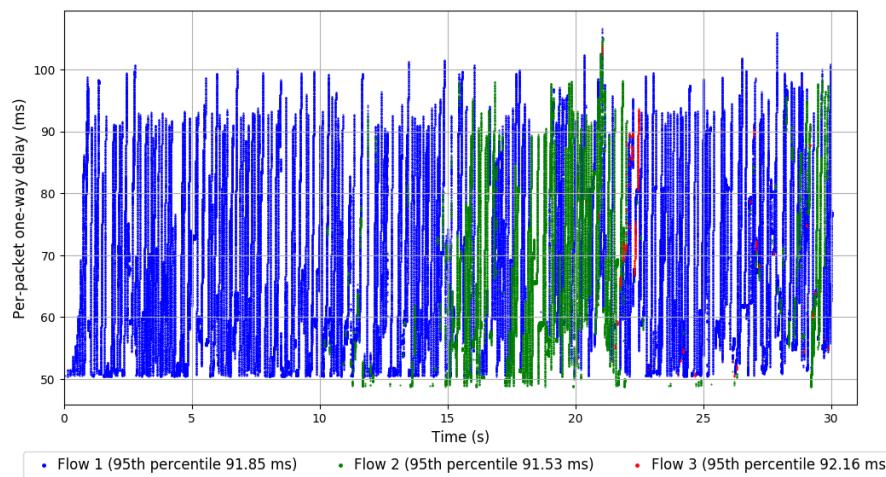
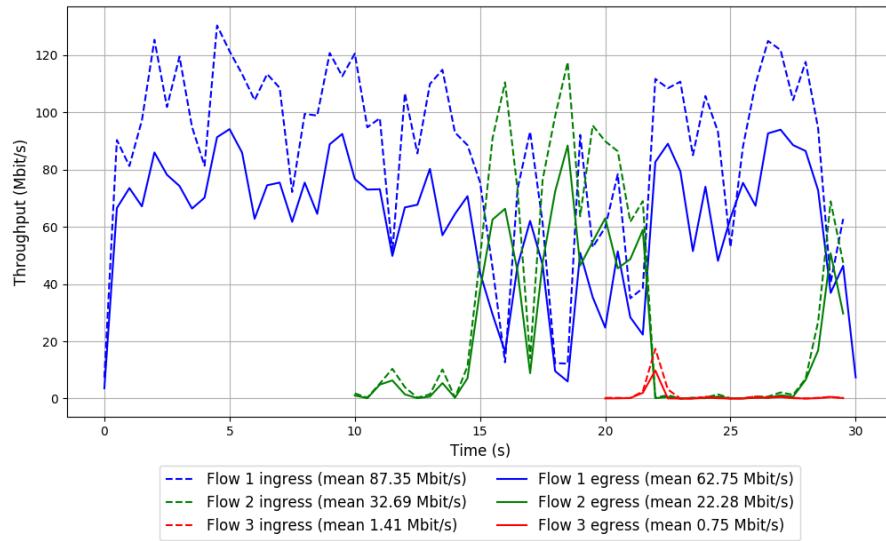


Run 10: Statistics of TCP BBR

```
Start at: Tue, 01 Aug 2017 01:23:28 +0000
End at: Tue, 01 Aug 2017 01:23:58 +0000
Local clock offset: 0.803 ms
Remote clock offset: 0.862 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:42:32 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.69 Mbit/s
95th percentile per-packet one-way delay: 91.794 ms
Loss rate: 29.00%
-- Flow 1:
Average throughput: 62.75 Mbit/s
95th percentile per-packet one-way delay: 91.846 ms
Loss rate: 28.10%
-- Flow 2:
Average throughput: 22.28 Mbit/s
95th percentile per-packet one-way delay: 91.526 ms
Loss rate: 32.24%
-- Flow 3:
Average throughput: 0.75 Mbit/s
95th percentile per-packet one-way delay: 92.162 ms
Loss rate: 47.51%
```

Run 10: Report of TCP BBR — Data Link

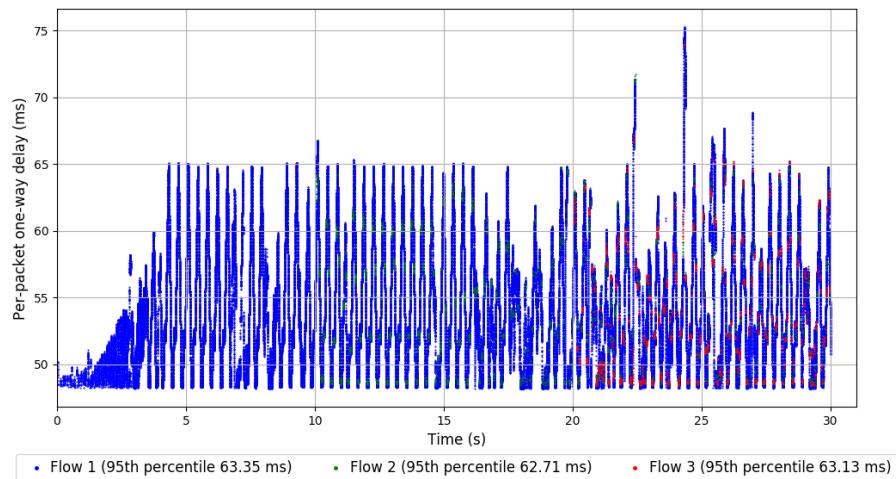
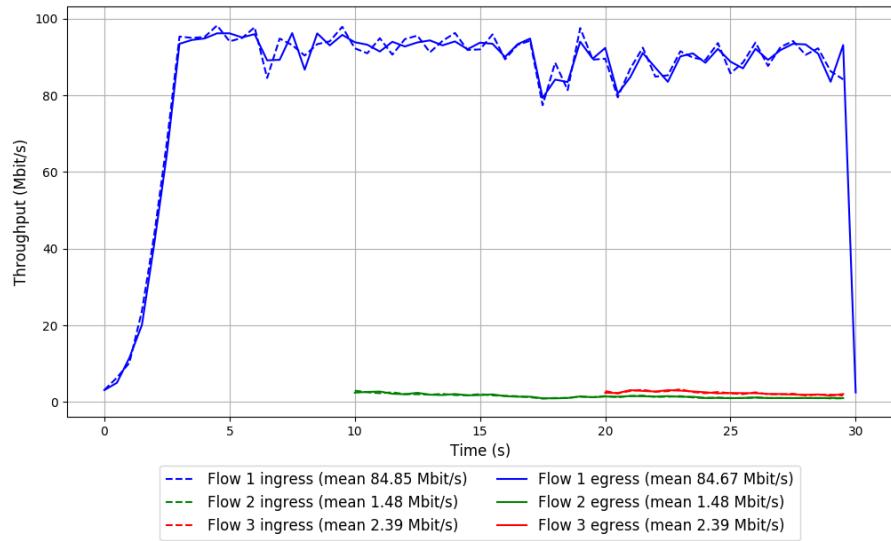


```
Run 1: Statistics of CalibratedKoho

Start at: Mon, 31 Jul 2017 22:10:30 +0000
End at: Mon, 31 Jul 2017 22:11:00 +0000
Local clock offset: 0.626 ms
Remote clock offset: -2.614 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:42:33 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.45 Mbit/s
95th percentile per-packet one-way delay: 63.338 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 84.67 Mbit/s
95th percentile per-packet one-way delay: 63.349 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 1.48 Mbit/s
95th percentile per-packet one-way delay: 62.714 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 63.127 ms
Loss rate: 0.00%
```

Run 1: Report of CalibratedKoho — Data Link

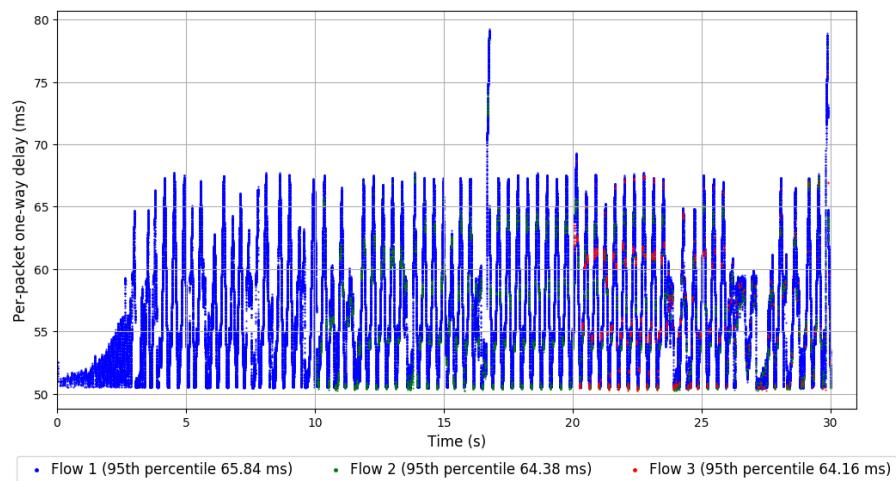
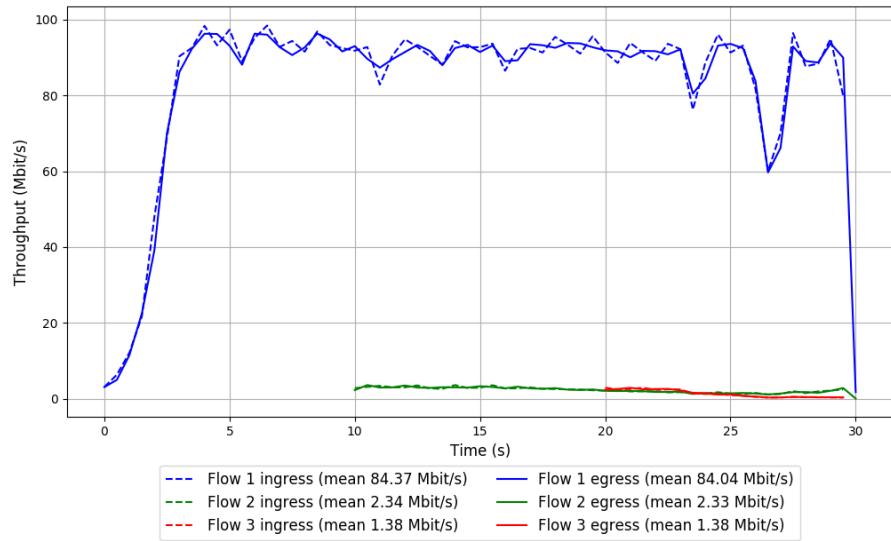


Run 2: Statistics of CalibratedKoho

```
Start at: Mon, 31 Jul 2017 22:31:24 +0000
End at: Mon, 31 Jul 2017 22:31:54 +0000
Local clock offset: 0.599 ms
Remote clock offset: -0.062 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:42:44 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.05 Mbit/s
95th percentile per-packet one-way delay: 65.823 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 84.04 Mbit/s
95th percentile per-packet one-way delay: 65.837 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 64.376 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 1.38 Mbit/s
95th percentile per-packet one-way delay: 64.158 ms
Loss rate: 0.18%
```

Run 2: Report of CalibratedKoho — Data Link

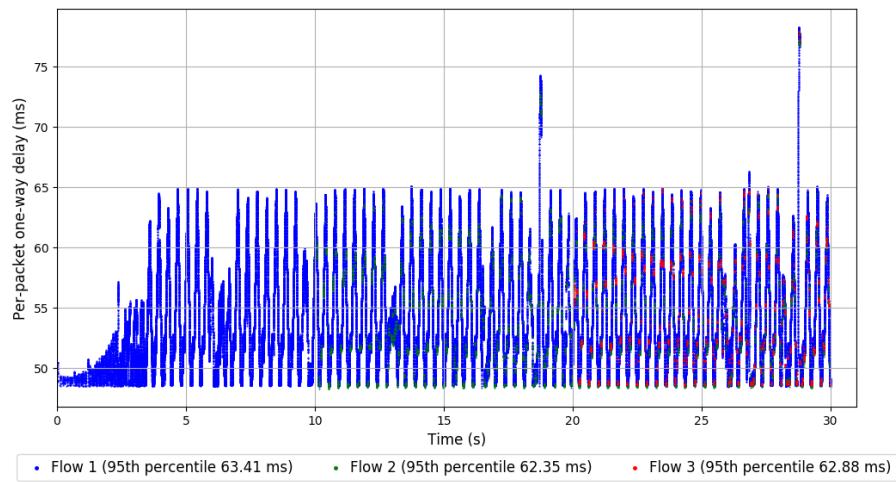
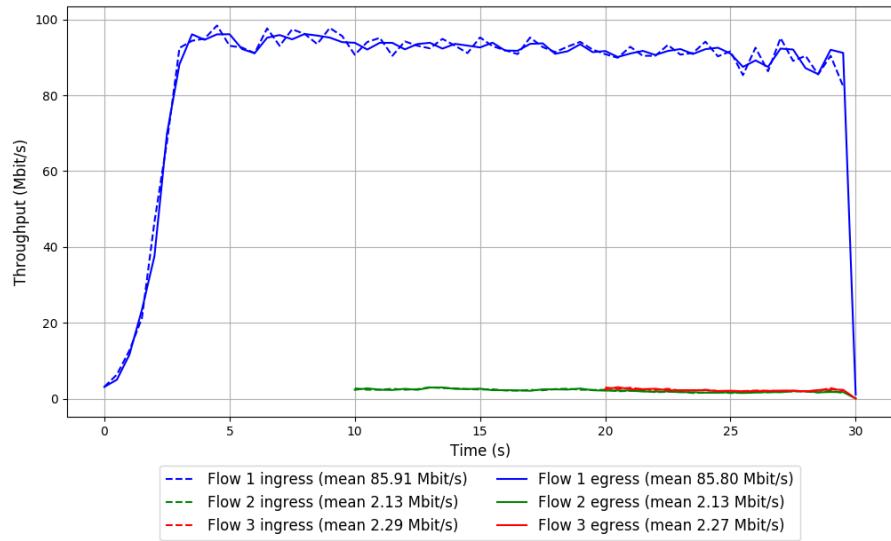


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Mon, 31 Jul 2017 22:52:24 +0000
End at: Mon, 31 Jul 2017 22:52:54 +0000
Local clock offset: 0.563 ms
Remote clock offset: -1.656 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:42:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.97 Mbit/s
95th percentile per-packet one-way delay: 63.399 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 85.80 Mbit/s
95th percentile per-packet one-way delay: 63.408 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 2.13 Mbit/s
95th percentile per-packet one-way delay: 62.350 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 62.879 ms
Loss rate: 0.84%
```

Run 3: Report of CalibratedKoho — Data Link

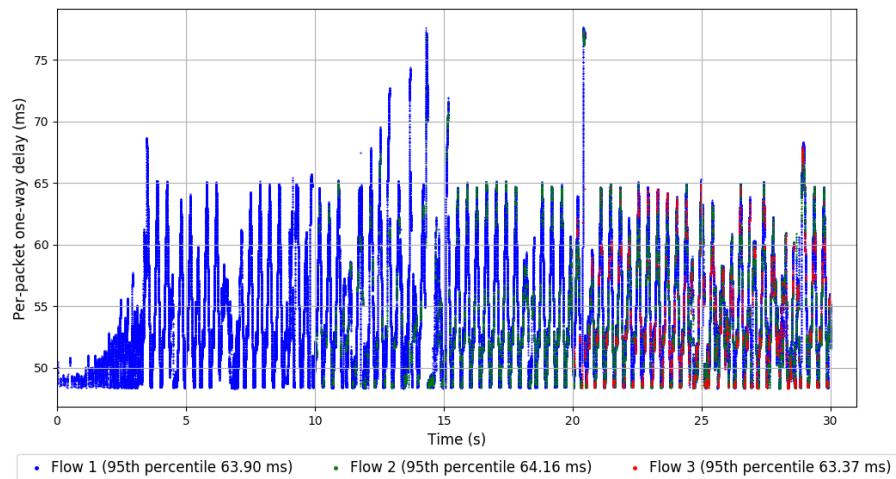
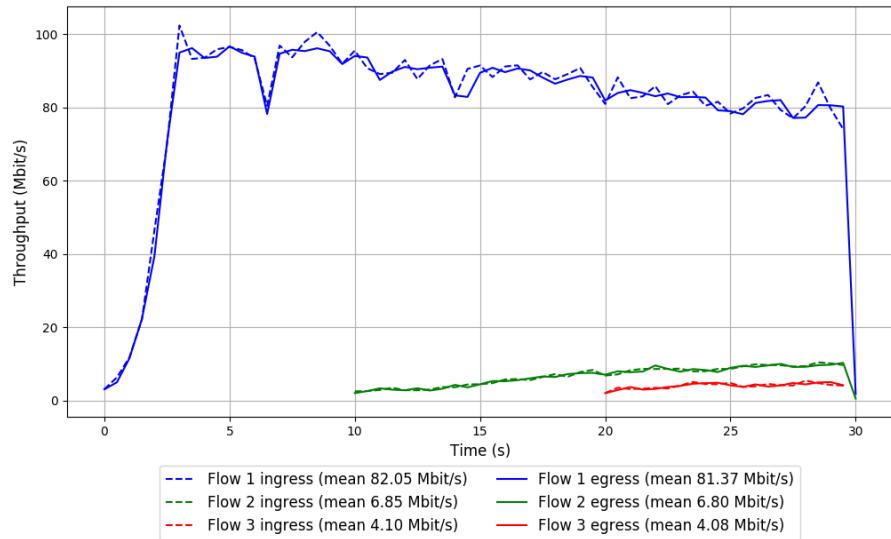


Run 4: Statistics of CalibratedKoho

```
Start at: Mon, 31 Jul 2017 23:13:13 +0000
End at: Mon, 31 Jul 2017 23:13:43 +0000
Local clock offset: 0.582 ms
Remote clock offset: -1.493 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:42:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.24 Mbit/s
95th percentile per-packet one-way delay: 63.903 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 81.37 Mbit/s
95th percentile per-packet one-way delay: 63.895 ms
Loss rate: 0.84%
-- Flow 2:
Average throughput: 6.80 Mbit/s
95th percentile per-packet one-way delay: 64.155 ms
Loss rate: 0.70%
-- Flow 3:
Average throughput: 4.08 Mbit/s
95th percentile per-packet one-way delay: 63.366 ms
Loss rate: 0.53%
```

Run 4: Report of CalibratedKoho — Data Link

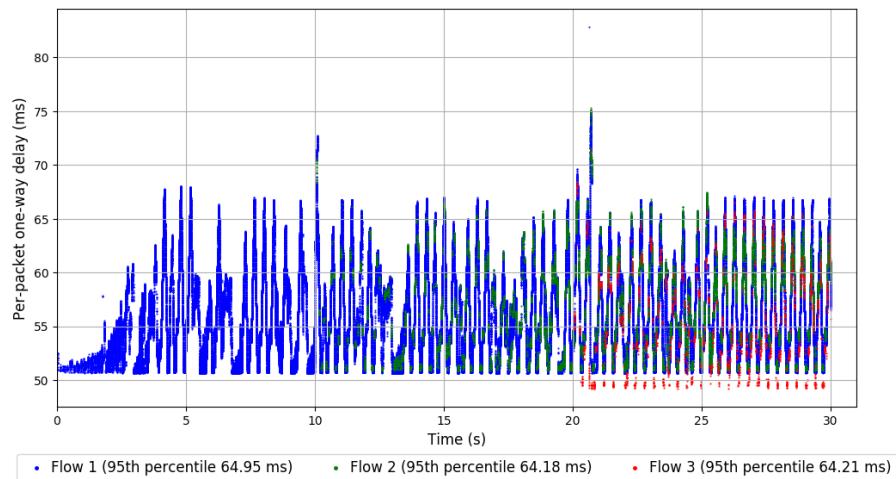
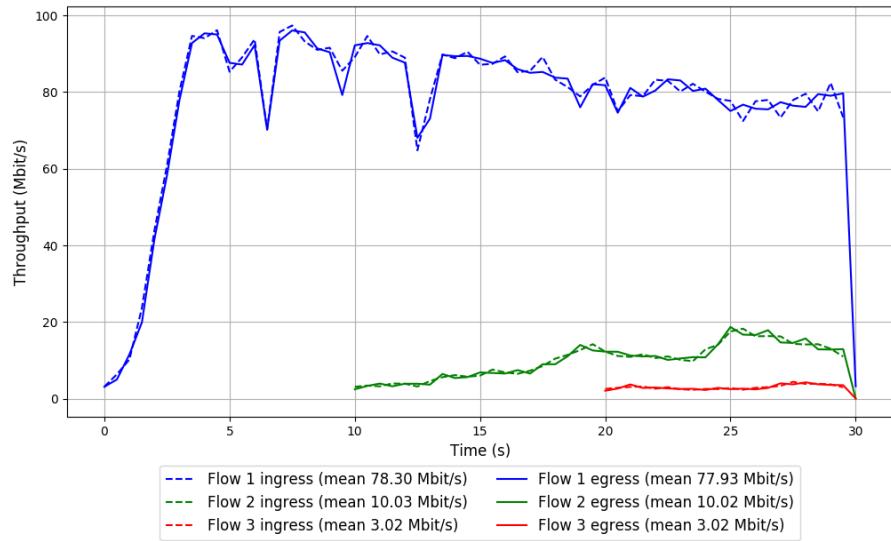


Run 5: Statistics of CalibratedKoho

```
Start at: Mon, 31 Jul 2017 23:34:04 +0000
End at: Mon, 31 Jul 2017 23:34:34 +0000
Local clock offset: 0.476 ms
Remote clock offset: 1.177 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:42:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.60 Mbit/s
95th percentile per-packet one-way delay: 64.891 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 77.93 Mbit/s
95th percentile per-packet one-way delay: 64.948 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 10.02 Mbit/s
95th percentile per-packet one-way delay: 64.179 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 3.02 Mbit/s
95th percentile per-packet one-way delay: 64.214 ms
Loss rate: 0.00%
```

Run 5: Report of CalibratedKoho — Data Link

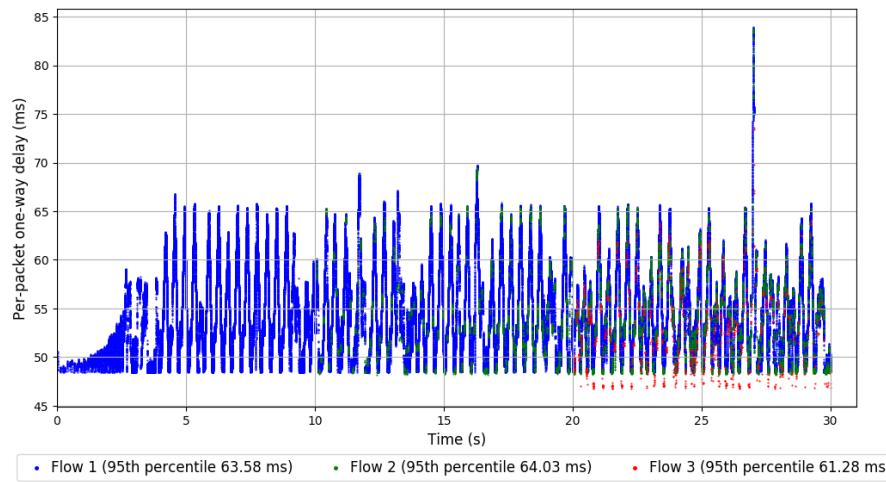
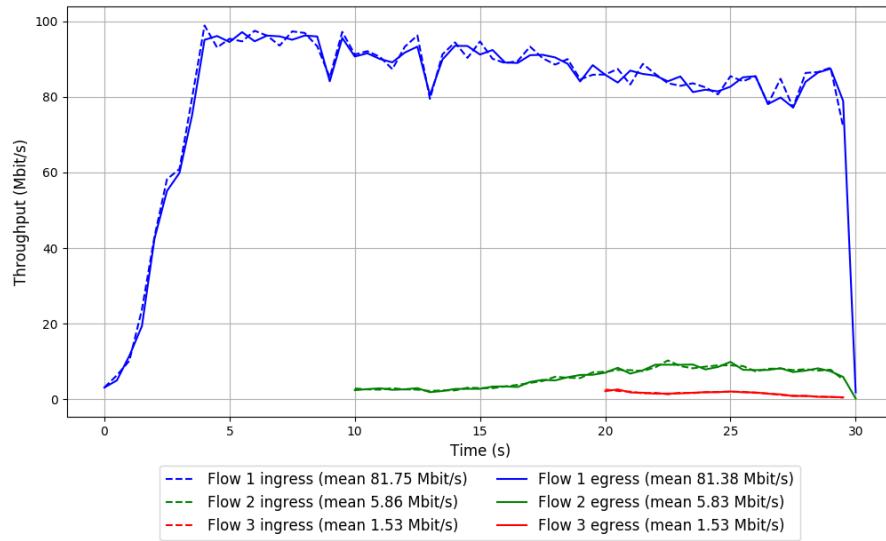


```
Run 6: Statistics of CalibratedKoho
```

```
Start at: Mon, 31 Jul 2017 23:54:57 +0000
End at: Mon, 31 Jul 2017 23:55:27 +0000
Local clock offset: 0.544 ms
Remote clock offset: -1.11 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:43:08 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.77 Mbit/s
95th percentile per-packet one-way delay: 63.586 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 81.38 Mbit/s
95th percentile per-packet one-way delay: 63.579 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 5.83 Mbit/s
95th percentile per-packet one-way delay: 64.029 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 1.53 Mbit/s
95th percentile per-packet one-way delay: 61.278 ms
Loss rate: 0.32%
```

Run 6: Report of CalibratedKoho — Data Link

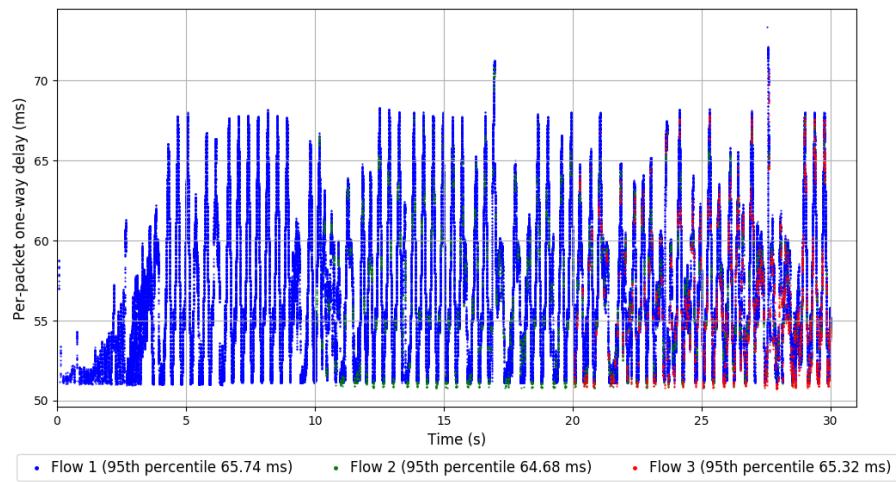
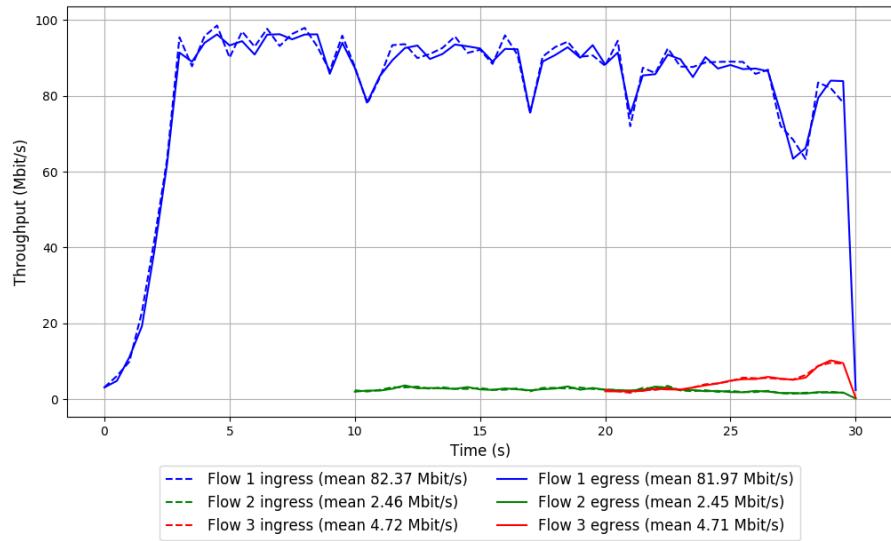


Run 7: Statistics of CalibratedKoho

```
Start at: Tue, 01 Aug 2017 00:16:25 +0000
End at: Tue, 01 Aug 2017 00:16:55 +0000
Local clock offset: 0.615 ms
Remote clock offset: 1.438 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:43:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.17 Mbit/s
95th percentile per-packet one-way delay: 65.726 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 81.97 Mbit/s
95th percentile per-packet one-way delay: 65.742 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 64.677 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 4.71 Mbit/s
95th percentile per-packet one-way delay: 65.320 ms
Loss rate: 0.38%
```

Run 7: Report of CalibratedKoho — Data Link

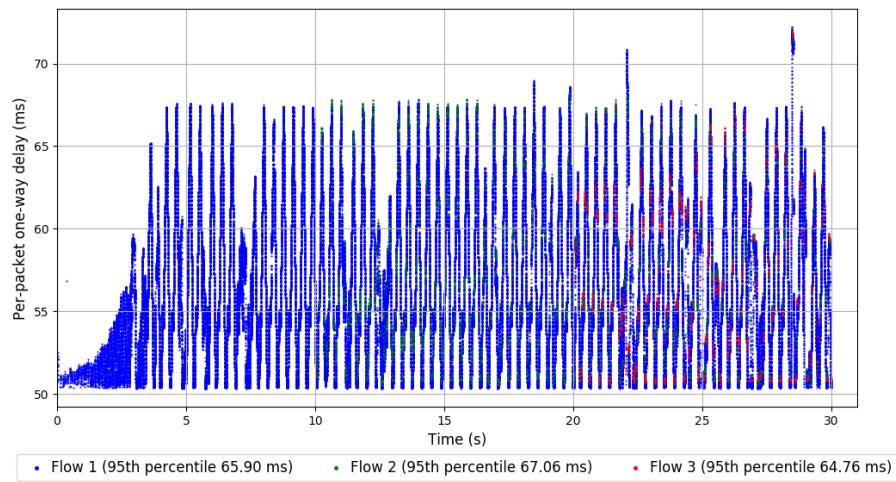
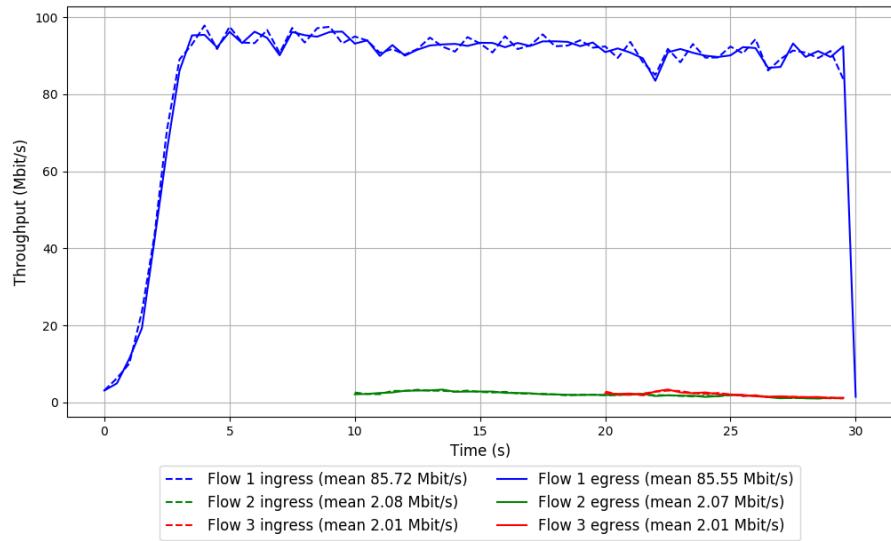


Run 8: Statistics of CalibratedKoho

```
Start at: Tue, 01 Aug 2017 00:37:38 +0000
End at: Tue, 01 Aug 2017 00:38:08 +0000
Local clock offset: 0.721 ms
Remote clock offset: 1.011 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:43:20 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.59 Mbit/s
95th percentile per-packet one-way delay: 65.926 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 85.55 Mbit/s
95th percentile per-packet one-way delay: 65.904 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 2.07 Mbit/s
95th percentile per-packet one-way delay: 67.057 ms
Loss rate: 0.41%
-- Flow 3:
Average throughput: 2.01 Mbit/s
95th percentile per-packet one-way delay: 64.764 ms
Loss rate: 0.18%
```

Run 8: Report of CalibratedKoho — Data Link

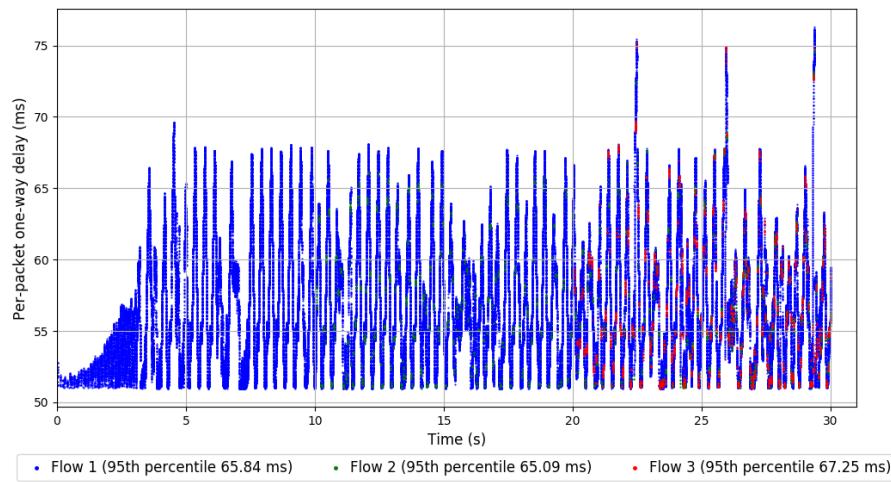
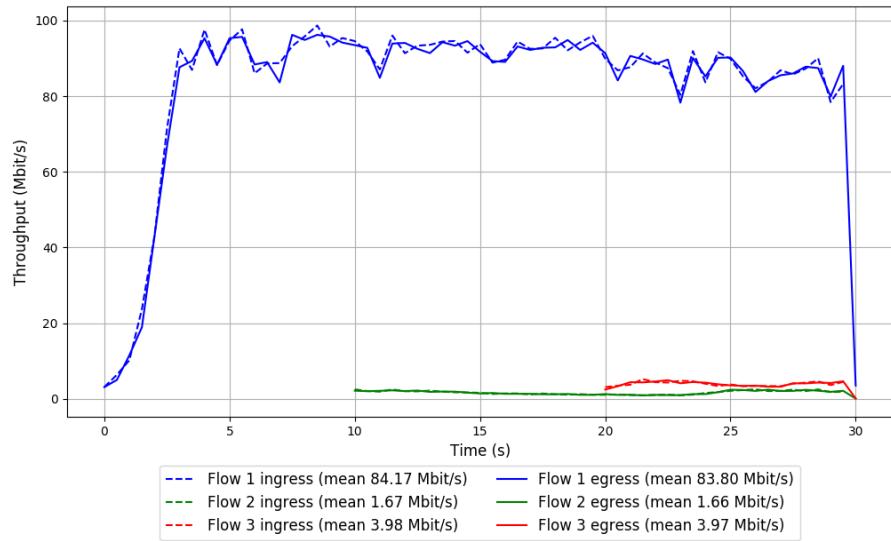


Run 9: Statistics of CalibratedKoho

```
Start at: Tue, 01 Aug 2017 00:58:34 +0000
End at: Tue, 01 Aug 2017 00:59:04 +0000
Local clock offset: 0.865 ms
Remote clock offset: 1.471 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:43:22 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.22 Mbit/s
95th percentile per-packet one-way delay: 65.844 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 83.80 Mbit/s
95th percentile per-packet one-way delay: 65.843 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 1.66 Mbit/s
95th percentile per-packet one-way delay: 65.095 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 3.97 Mbit/s
95th percentile per-packet one-way delay: 67.249 ms
Loss rate: 0.33%
```

Run 9: Report of CalibratedKoho — Data Link

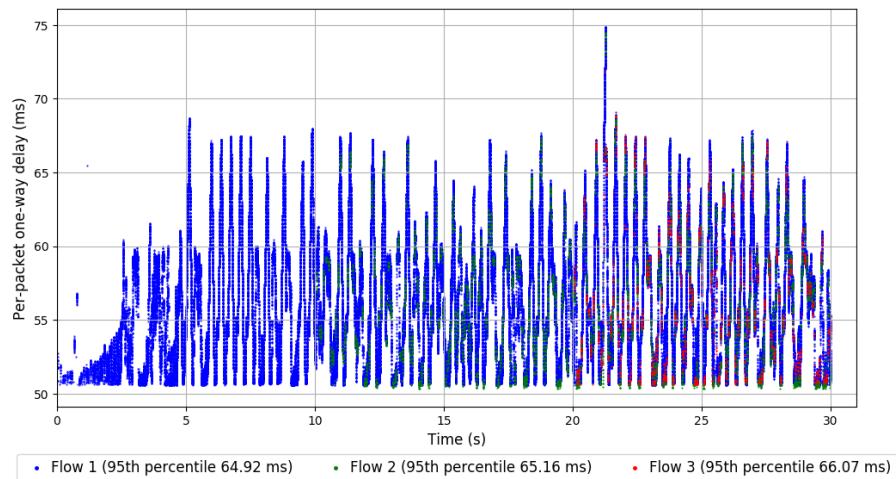
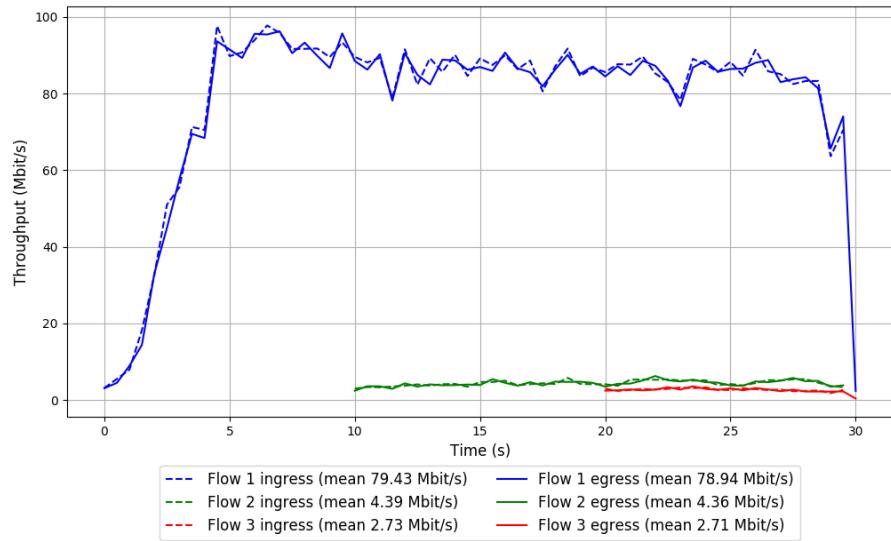


```
Run 10: Statistics of CalibratedKoho

Start at: Tue, 01 Aug 2017 01:20:35 +0000
End at: Tue, 01 Aug 2017 01:21:05 +0000
Local clock offset: 0.744 ms
Remote clock offset: 1.014 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:43:29 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 82.75 Mbit/s
95th percentile per-packet one-way delay: 64.937 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 78.94 Mbit/s
95th percentile per-packet one-way delay: 64.922 ms
Loss rate: 0.59%
-- Flow 2:
Average throughput: 4.36 Mbit/s
95th percentile per-packet one-way delay: 65.160 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 2.71 Mbit/s
95th percentile per-packet one-way delay: 66.067 ms
Loss rate: 0.58%
```

Run 10: Report of CalibratedKoho — Data Link

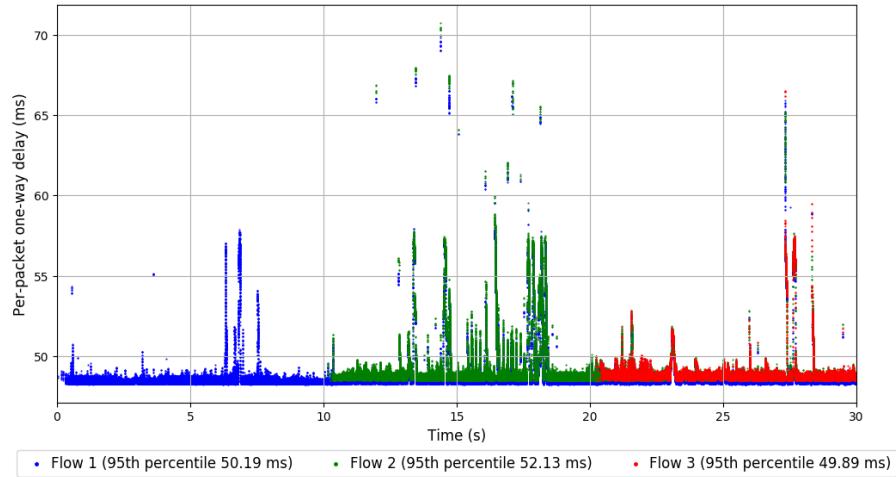
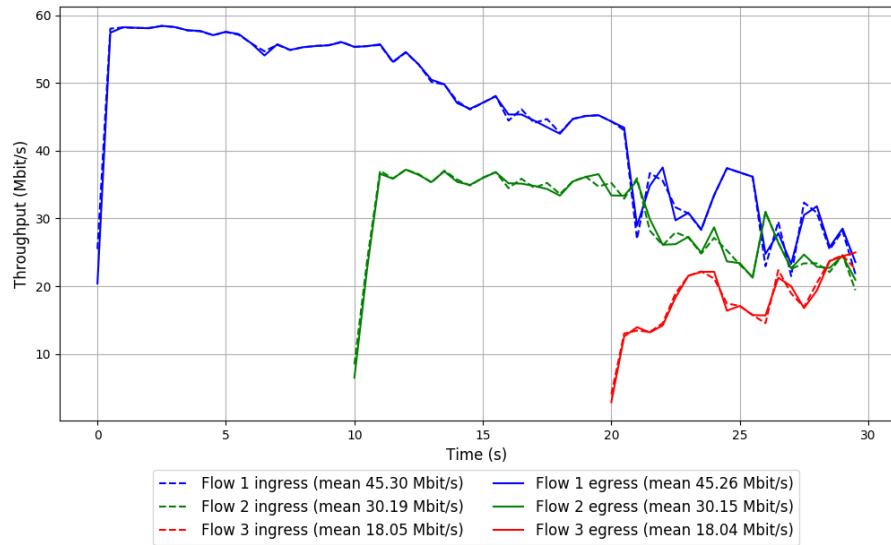


Run 1: Statistics of Copa

```
Start at: Mon, 31 Jul 2017 22:27:10 +0000
End at: Mon, 31 Jul 2017 22:27:40 +0000
Local clock offset: 0.479 ms
Remote clock offset: -2.292 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:43:38 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 71.26 Mbit/s
95th percentile per-packet one-way delay: 50.780 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 45.26 Mbit/s
95th percentile per-packet one-way delay: 50.186 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 30.15 Mbit/s
95th percentile per-packet one-way delay: 52.131 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 18.04 Mbit/s
95th percentile per-packet one-way delay: 49.890 ms
Loss rate: 0.04%
```

Run 1: Report of Copa — Data Link

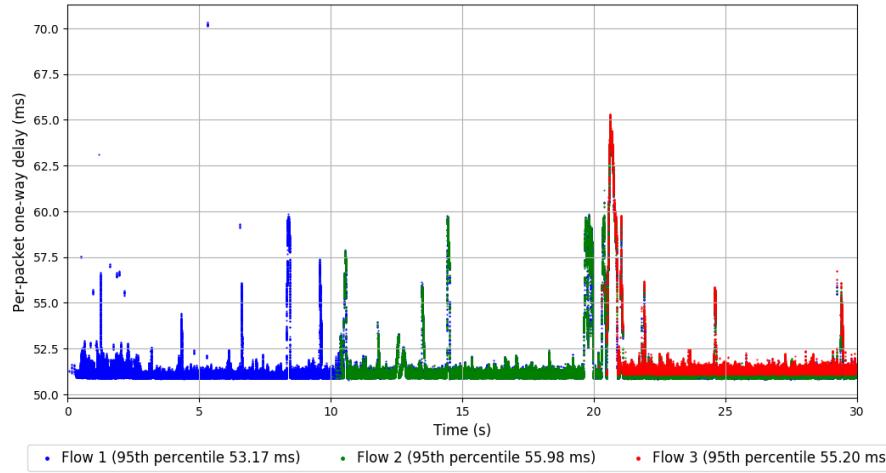
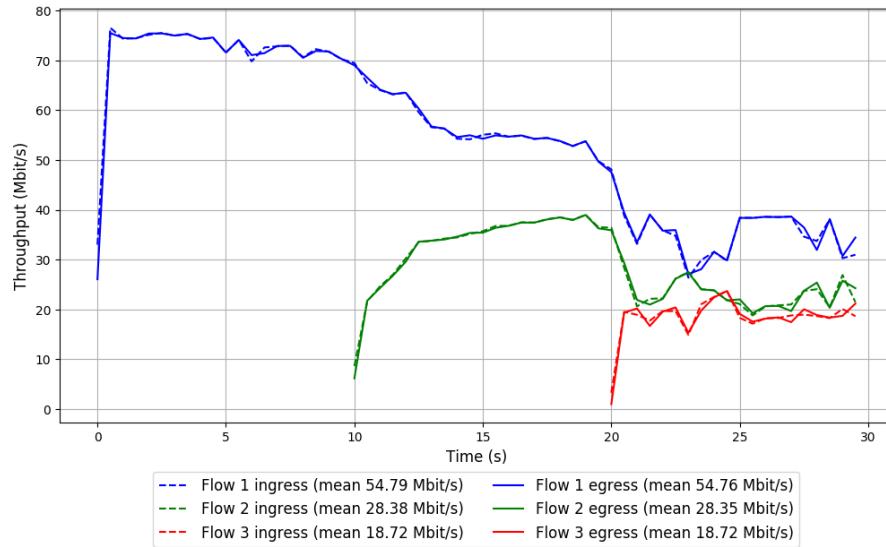


Run 2: Statistics of Copa

```
Start at: Mon, 31 Jul 2017 22:48:08 +0000
End at: Mon, 31 Jul 2017 22:48:38 +0000
Local clock offset: 0.554 ms
Remote clock offset: 0.839 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:43:48 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.74 Mbit/s
95th percentile per-packet one-way delay: 54.197 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 54.76 Mbit/s
95th percentile per-packet one-way delay: 53.167 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 28.35 Mbit/s
95th percentile per-packet one-way delay: 55.978 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 18.72 Mbit/s
95th percentile per-packet one-way delay: 55.197 ms
Loss rate: 0.03%
```

Run 2: Report of Copa — Data Link

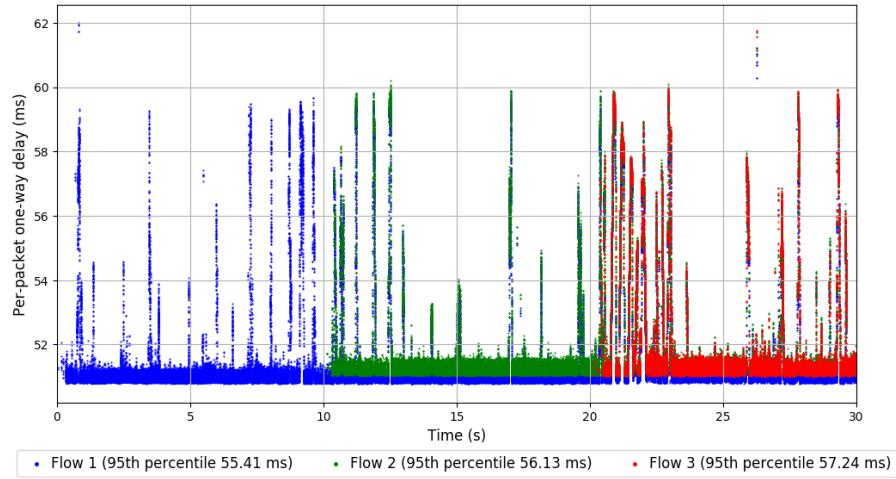
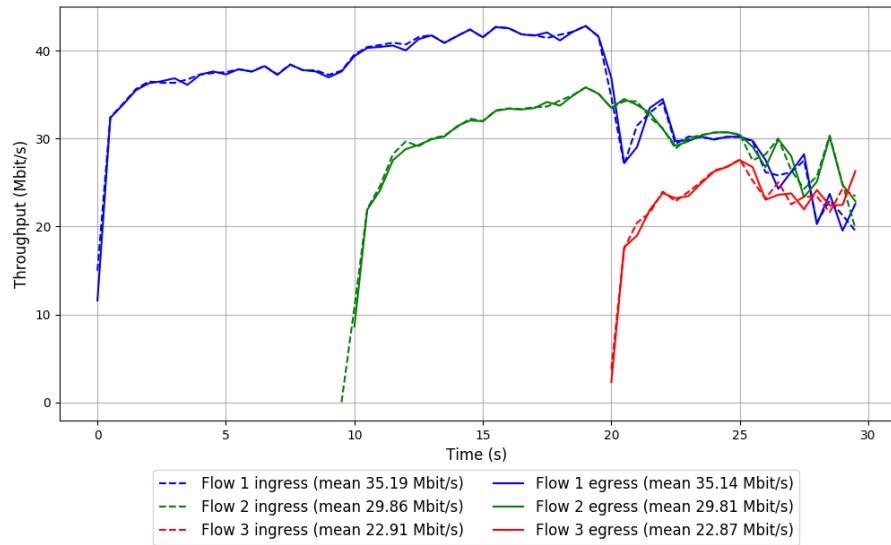


Run 3: Statistics of Copa

```
Start at: Mon, 31 Jul 2017 23:09:03 +0000
End at: Mon, 31 Jul 2017 23:09:33 +0000
Local clock offset: 0.536 ms
Remote clock offset: 1.089 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:43:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 62.55 Mbit/s
95th percentile per-packet one-way delay: 55.962 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 35.14 Mbit/s
95th percentile per-packet one-way delay: 55.410 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 29.81 Mbit/s
95th percentile per-packet one-way delay: 56.130 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 22.87 Mbit/s
95th percentile per-packet one-way delay: 57.243 ms
Loss rate: 0.18%
```

Run 3: Report of Copa — Data Link

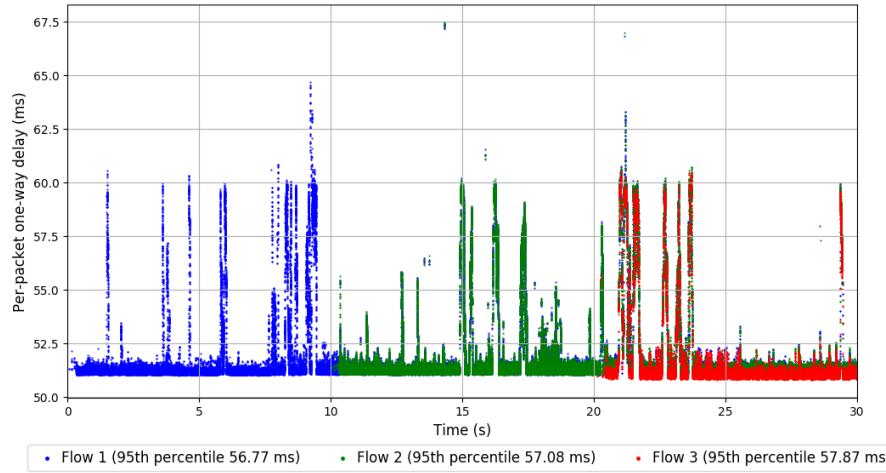
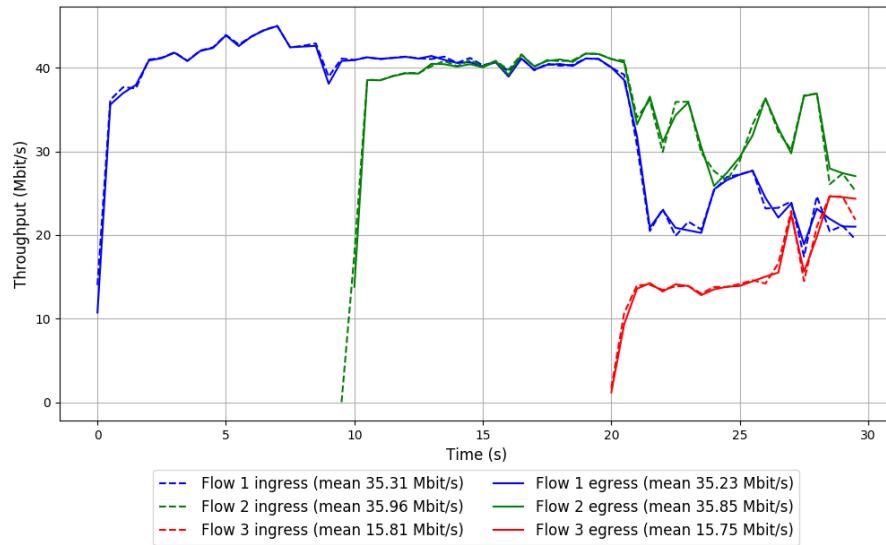


Run 4: Statistics of Copa

```
Start at: Mon, 31 Jul 2017 23:29:52 +0000
End at: Mon, 31 Jul 2017 23:30:22 +0000
Local clock offset: 0.402 ms
Remote clock offset: 1.286 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:44:05 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 64.30 Mbit/s
95th percentile per-packet one-way delay: 56.969 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 35.23 Mbit/s
95th percentile per-packet one-way delay: 56.775 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 35.85 Mbit/s
95th percentile per-packet one-way delay: 57.076 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 15.75 Mbit/s
95th percentile per-packet one-way delay: 57.866 ms
Loss rate: 0.39%
```

Run 4: Report of Copa — Data Link

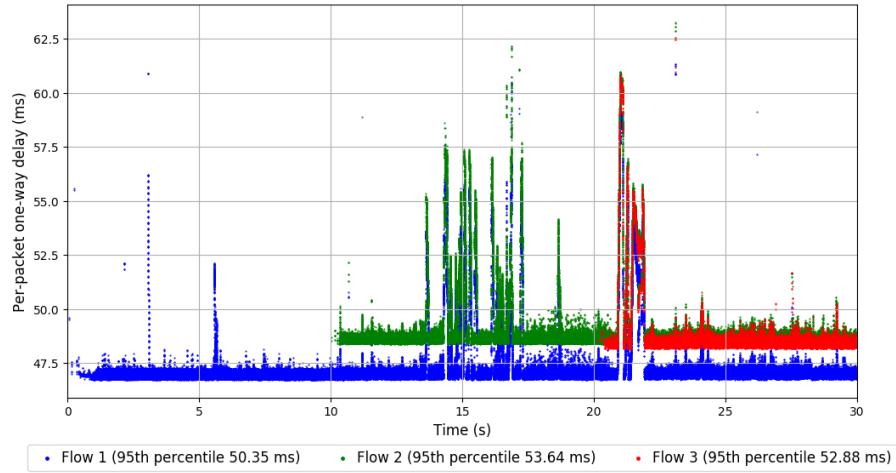
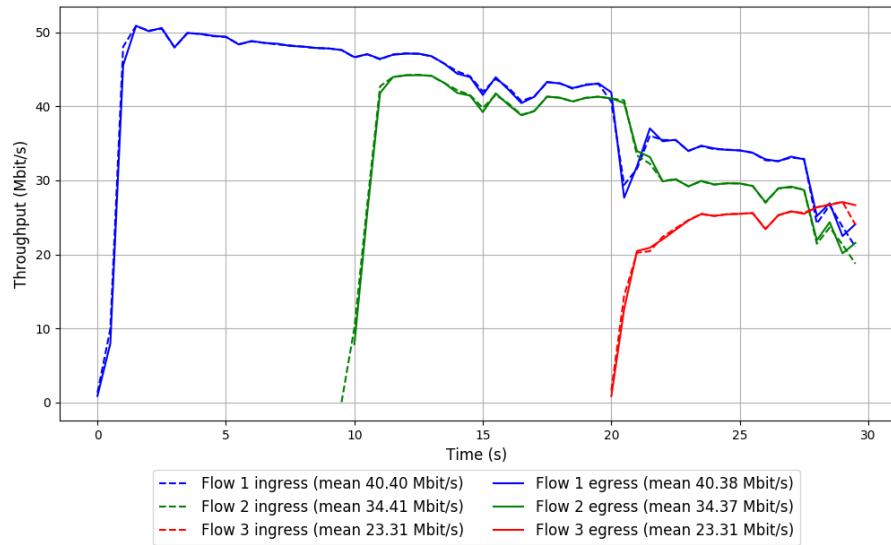


Run 5: Statistics of Copa

```
Start at: Mon, 31 Jul 2017 23:50:43 +0000
End at: Mon, 31 Jul 2017 23:51:13 +0000
Local clock offset: 0.432 ms
Remote clock offset: -1.237 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:44:12 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 70.92 Mbit/s
95th percentile per-packet one-way delay: 51.993 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 40.38 Mbit/s
95th percentile per-packet one-way delay: 50.346 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 34.37 Mbit/s
95th percentile per-packet one-way delay: 53.640 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 23.31 Mbit/s
95th percentile per-packet one-way delay: 52.884 ms
Loss rate: 0.01%
```

Run 5: Report of Copa — Data Link

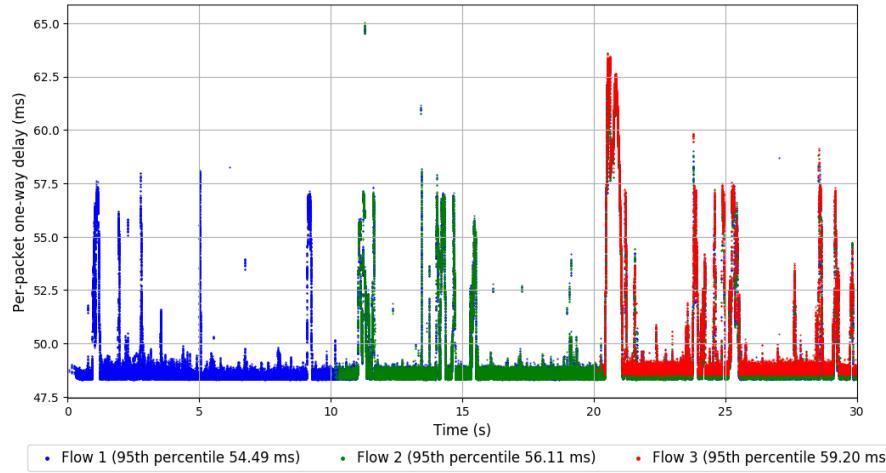
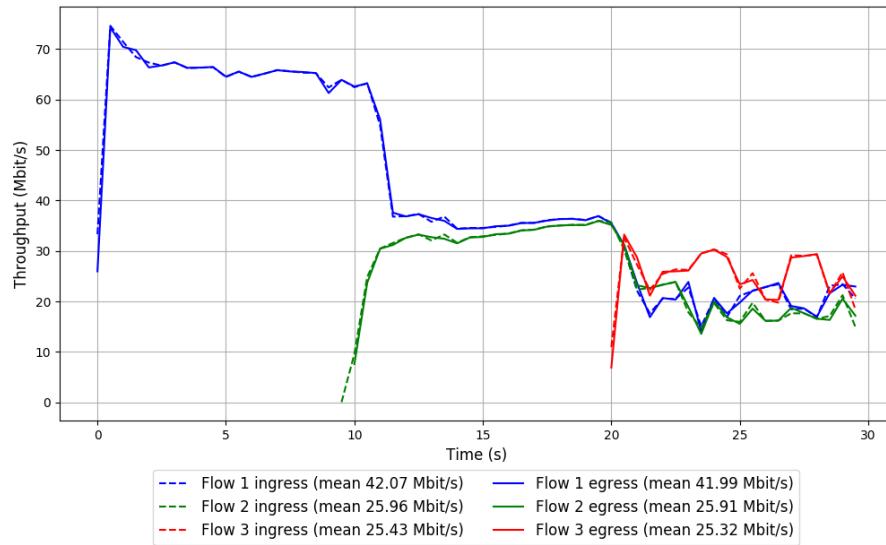


Run 6: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 00:11:59 +0000
End at: Tue, 01 Aug 2017 00:12:29 +0000
Local clock offset: 0.59 ms
Remote clock offset: -0.971 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:44:22 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 67.59 Mbit/s
95th percentile per-packet one-way delay: 55.673 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 41.99 Mbit/s
95th percentile per-packet one-way delay: 54.490 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 25.91 Mbit/s
95th percentile per-packet one-way delay: 56.111 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 25.32 Mbit/s
95th percentile per-packet one-way delay: 59.198 ms
Loss rate: 0.42%
```

Run 6: Report of Copa — Data Link

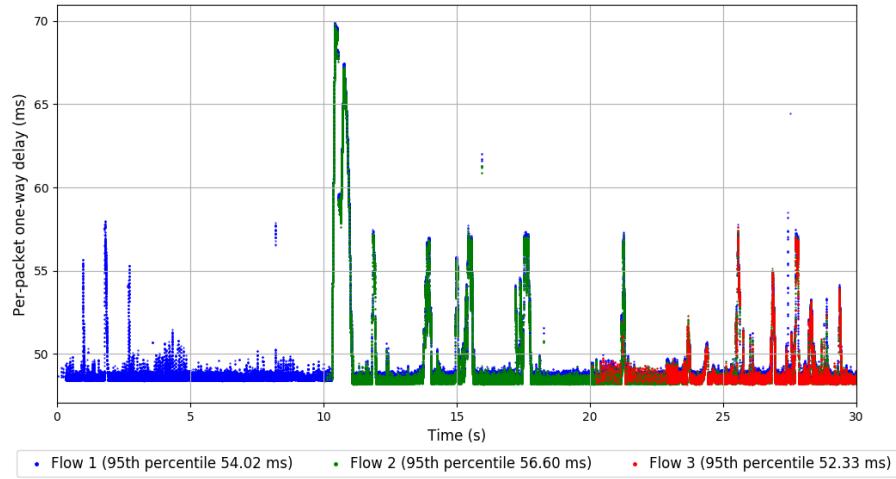
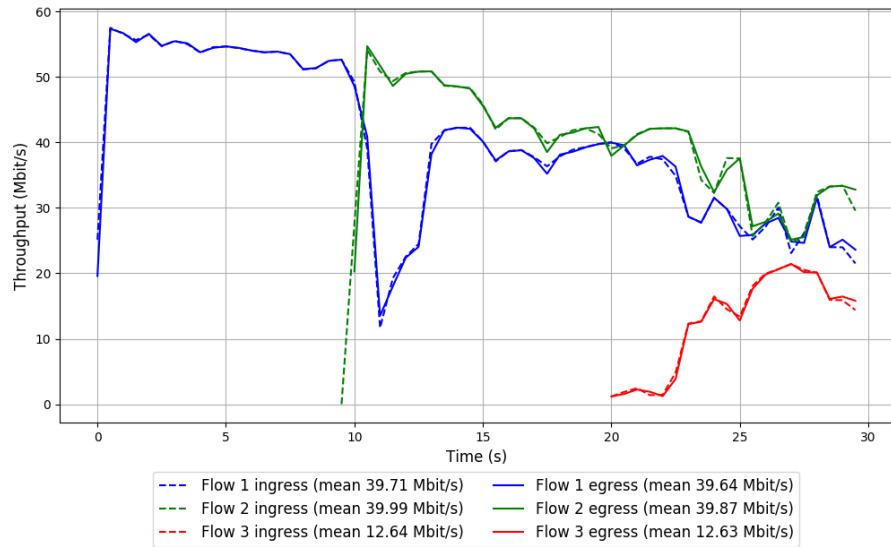


Run 7: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 00:33:11 +0000
End at: Tue, 01 Aug 2017 00:33:41 +0000
Local clock offset: 0.8 ms
Remote clock offset: -0.98 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:44:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 70.37 Mbit/s
95th percentile per-packet one-way delay: 55.280 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 39.64 Mbit/s
95th percentile per-packet one-way delay: 54.023 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 39.87 Mbit/s
95th percentile per-packet one-way delay: 56.596 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 12.63 Mbit/s
95th percentile per-packet one-way delay: 52.330 ms
Loss rate: 0.12%
```

Run 7: Report of Copa — Data Link

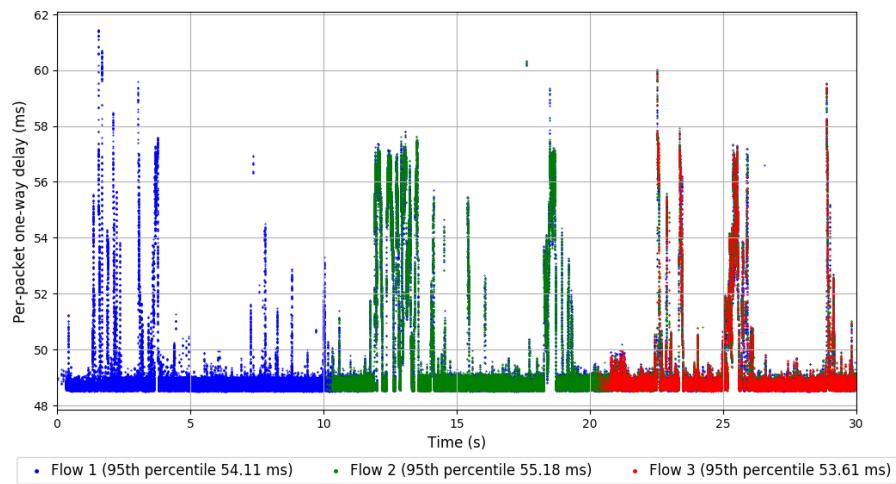
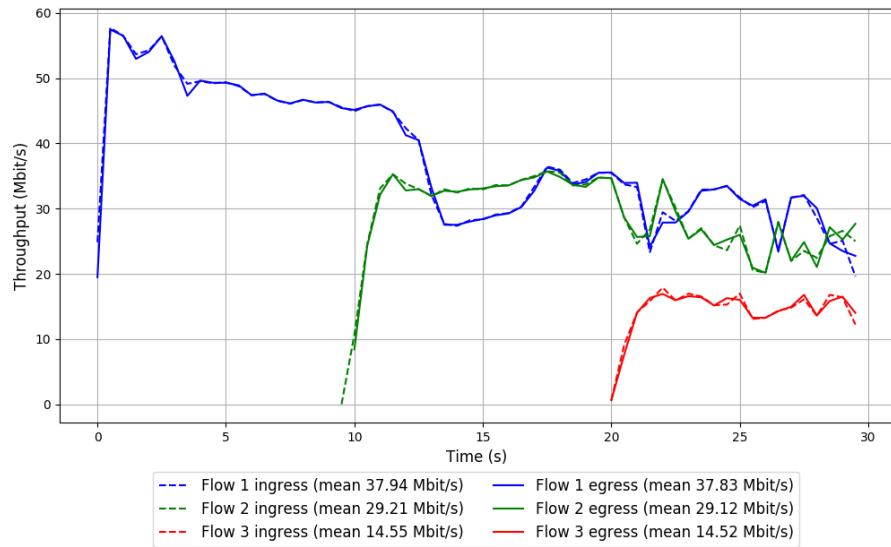


Run 8: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 00:54:20 +0000
End at: Tue, 01 Aug 2017 00:54:50 +0000
Local clock offset: 0.818 ms
Remote clock offset: -1.008 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:44:38 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 61.99 Mbit/s
95th percentile per-packet one-way delay: 54.510 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 37.83 Mbit/s
95th percentile per-packet one-way delay: 54.112 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 29.12 Mbit/s
95th percentile per-packet one-way delay: 55.180 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 14.52 Mbit/s
95th percentile per-packet one-way delay: 53.611 ms
Loss rate: 0.20%
```

Run 8: Report of Copa — Data Link

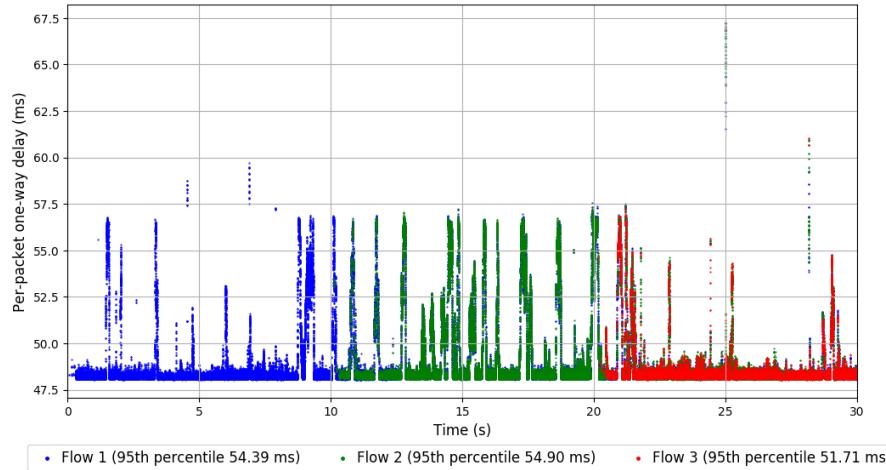
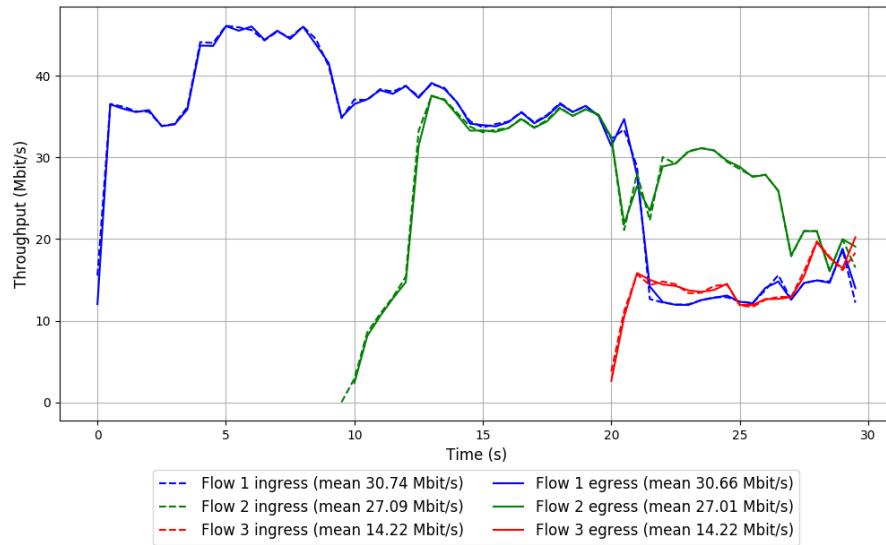


Run 9: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 01:16:09 +0000
End at: Tue, 01 Aug 2017 01:16:39 +0000
Local clock offset: 0.827 ms
Remote clock offset: -1.219 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:44:43 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.34 Mbit/s
95th percentile per-packet one-way delay: 54.439 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 30.66 Mbit/s
95th percentile per-packet one-way delay: 54.391 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 27.01 Mbit/s
95th percentile per-packet one-way delay: 54.899 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 14.22 Mbit/s
95th percentile per-packet one-way delay: 51.711 ms
Loss rate: 0.08%
```

Run 9: Report of Copa — Data Link

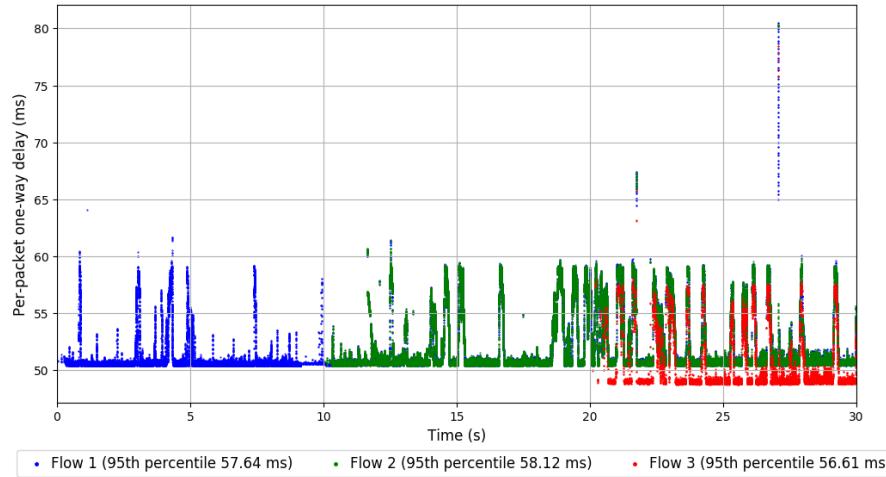
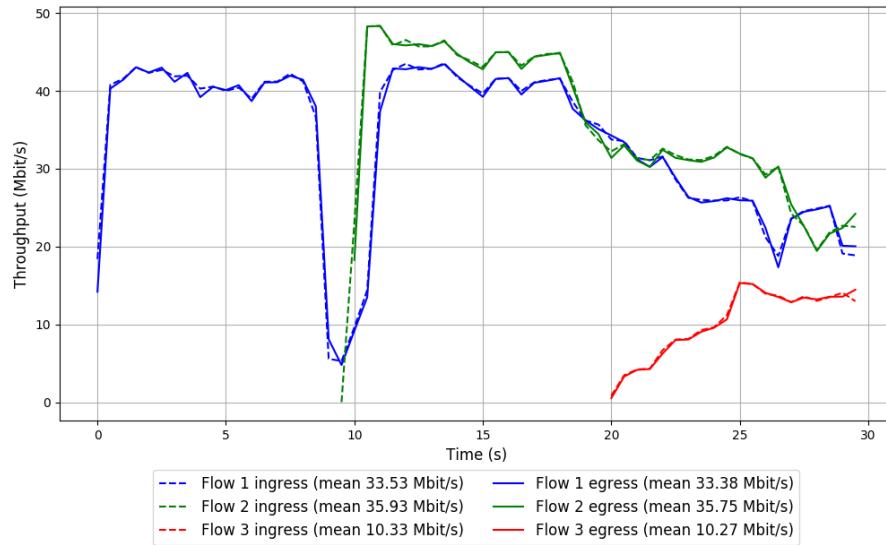


Run 10: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 01:38:33 +0000
End at: Tue, 01 Aug 2017 01:39:03 +0000
Local clock offset: 0.787 ms
Remote clock offset: 0.63 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:44:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 60.61 Mbit/s
95th percentile per-packet one-way delay: 57.770 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 33.38 Mbit/s
95th percentile per-packet one-way delay: 57.642 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 35.75 Mbit/s
95th percentile per-packet one-way delay: 58.123 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 10.27 Mbit/s
95th percentile per-packet one-way delay: 56.609 ms
Loss rate: 0.51%
```

Run 10: Report of Copa — Data Link



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

```
Start at: Mon, 31 Jul 2017 22:17:29 +0000
```

```
End at: Mon, 31 Jul 2017 22:17:59 +0000
```

```
Local clock offset: 0.492 ms
```

```
Remote clock offset: -2.65 ms
```

```
# Below is generated by plot.py at Tue, 01 Aug 2017 05:44:56 +0000
```

```
# Datalink statistics
```

```
-- Total of 3 flows:
```

```
Average throughput: 81.64 Mbit/s
```

```
95th percentile per-packet one-way delay: 77.634 ms
```

```
Loss rate: 1.04%
```

```
-- Flow 1:
```

```
Average throughput: 35.97 Mbit/s
```

```
95th percentile per-packet one-way delay: 70.355 ms
```

```
Loss rate: 0.93%
```

```
-- Flow 2:
```

```
Average throughput: 46.07 Mbit/s
```

```
95th percentile per-packet one-way delay: 76.729 ms
```

```
Loss rate: 1.17%
```

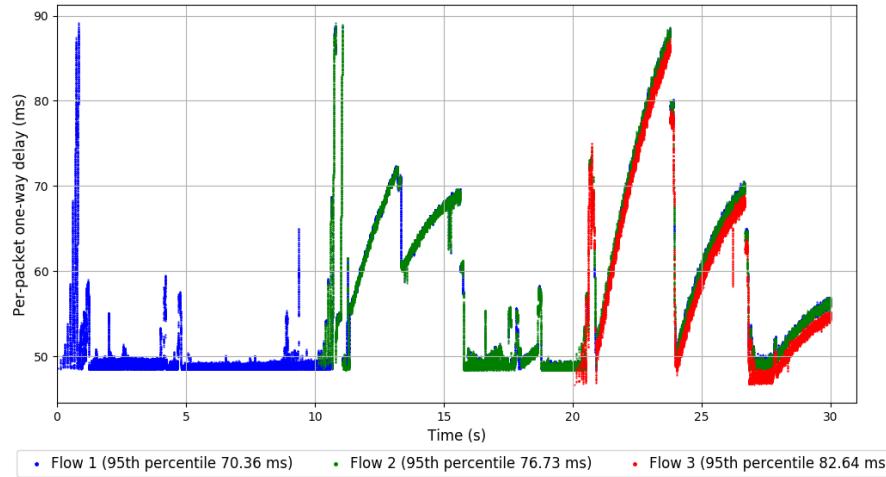
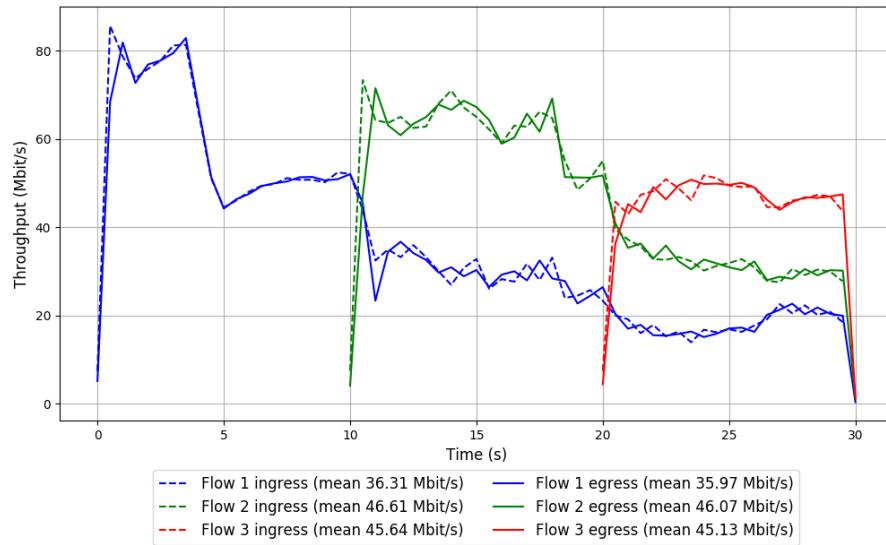
```
-- Flow 3:
```

```
Average throughput: 45.13 Mbit/s
```

```
95th percentile per-packet one-way delay: 82.637 ms
```

```
Loss rate: 1.04%
```

Run 1: Report of TCP Cubic — Data Link

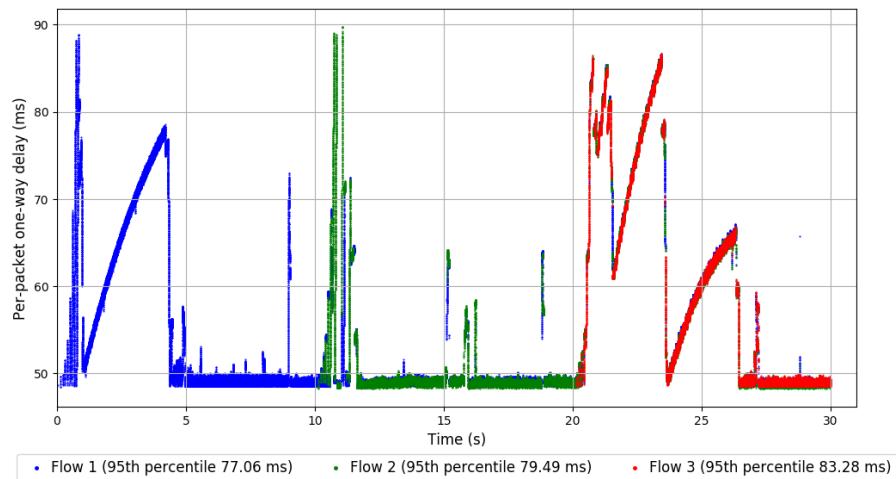
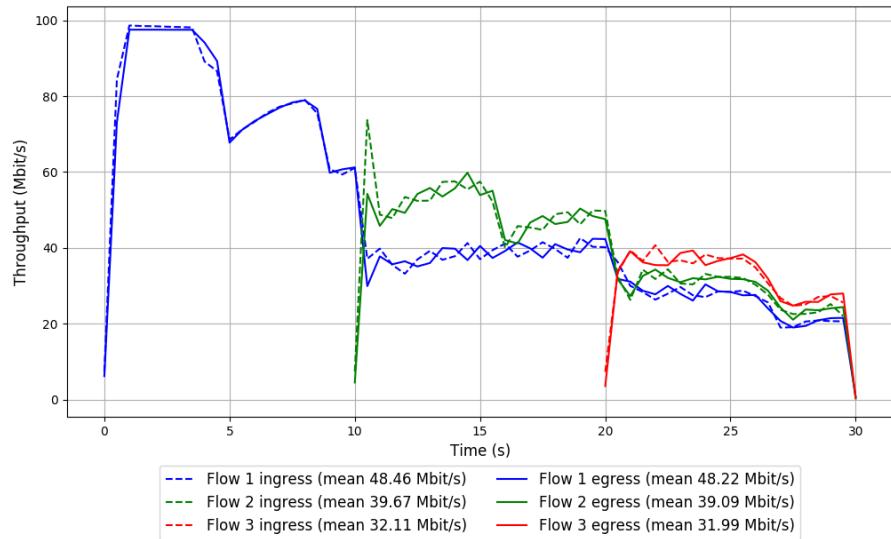


Run 2: Statistics of TCP Cubic

```
Start at: Mon, 31 Jul 2017 22:38:26 +0000
End at: Mon, 31 Jul 2017 22:38:57 +0000
Local clock offset: 0.503 ms
Remote clock offset: -1.974 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:45:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.86 Mbit/s
95th percentile per-packet one-way delay: 78.810 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 48.22 Mbit/s
95th percentile per-packet one-way delay: 77.058 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 39.09 Mbit/s
95th percentile per-packet one-way delay: 79.494 ms
Loss rate: 1.48%
-- Flow 3:
Average throughput: 31.99 Mbit/s
95th percentile per-packet one-way delay: 83.276 ms
Loss rate: 0.38%
```

Run 2: Report of TCP Cubic — Data Link

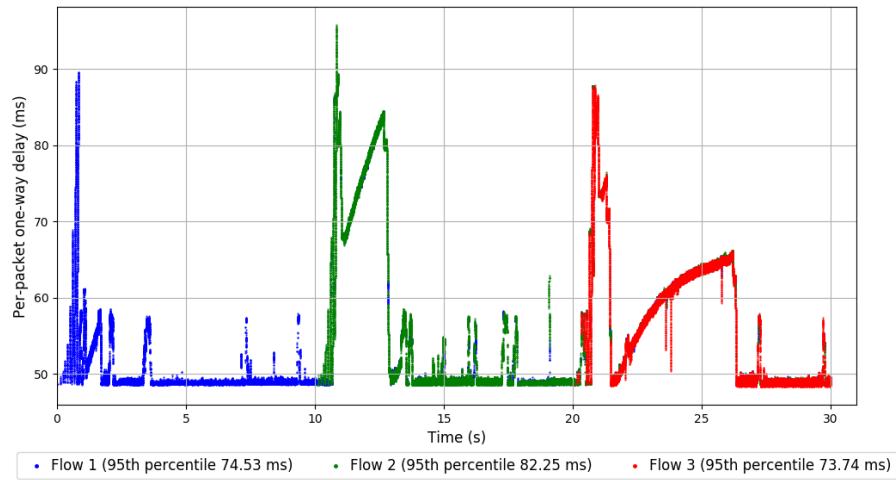
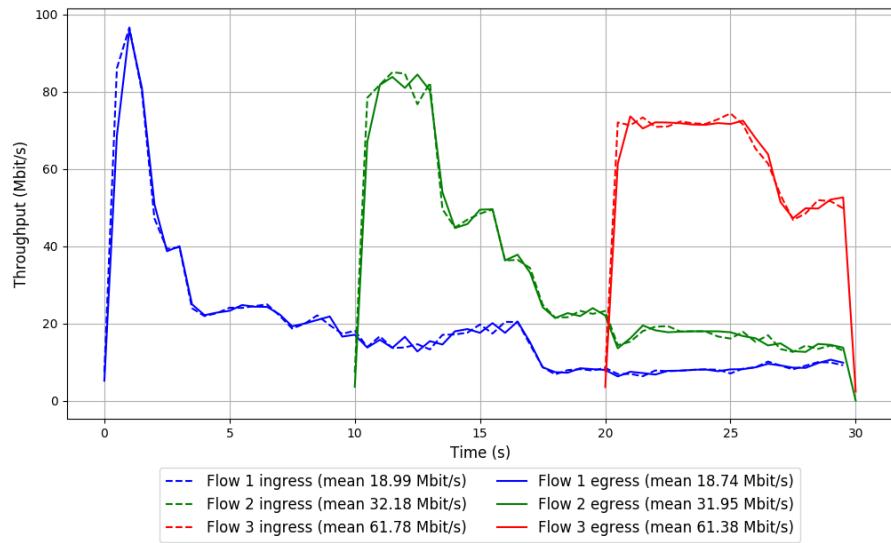


Run 3: Statistics of TCP Cubic

```
Start at: Mon, 31 Jul 2017 22:59:24 +0000
End at: Mon, 31 Jul 2017 22:59:54 +0000
Local clock offset: 0.567 ms
Remote clock offset: -1.489 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:45:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 60.37 Mbit/s
95th percentile per-packet one-way delay: 80.045 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 18.74 Mbit/s
95th percentile per-packet one-way delay: 74.531 ms
Loss rate: 1.30%
-- Flow 2:
Average throughput: 31.95 Mbit/s
95th percentile per-packet one-way delay: 82.249 ms
Loss rate: 0.72%
-- Flow 3:
Average throughput: 61.38 Mbit/s
95th percentile per-packet one-way delay: 73.742 ms
Loss rate: 0.65%
```

Run 3: Report of TCP Cubic — Data Link

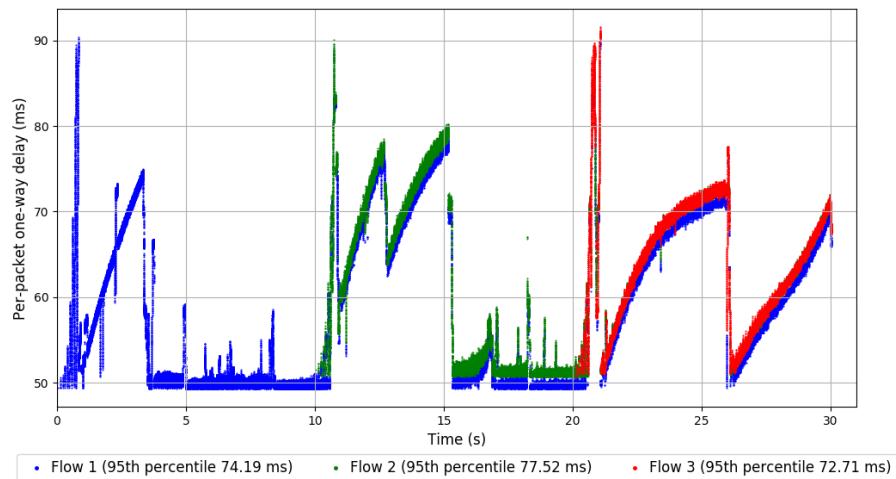
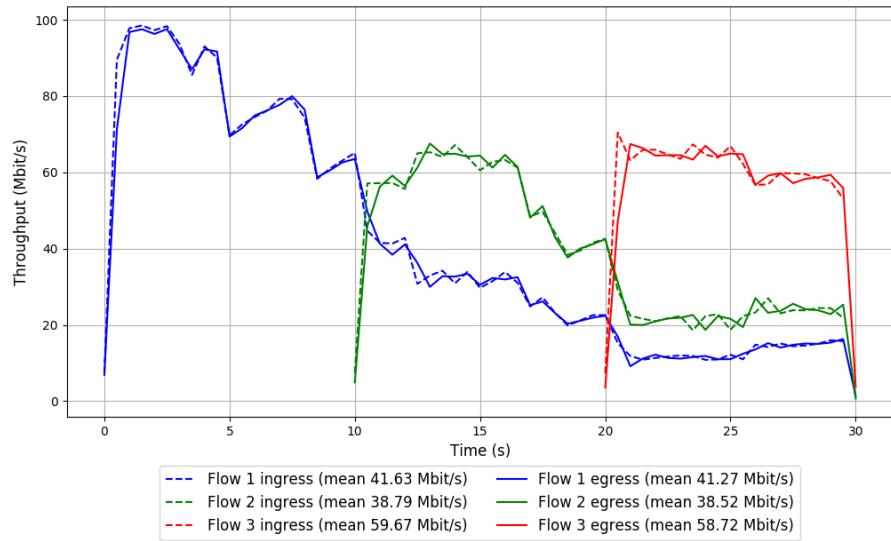


Run 4: Statistics of TCP Cubic

```
Start at: Mon, 31 Jul 2017 23:20:13 +0000
End at: Mon, 31 Jul 2017 23:20:43 +0000
Local clock offset: 0.442 ms
Remote clock offset: 1.155 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:45:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.43 Mbit/s
95th percentile per-packet one-way delay: 75.819 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 41.27 Mbit/s
95th percentile per-packet one-way delay: 74.190 ms
Loss rate: 0.80%
-- Flow 2:
Average throughput: 38.52 Mbit/s
95th percentile per-packet one-way delay: 77.522 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 58.72 Mbit/s
95th percentile per-packet one-way delay: 72.709 ms
Loss rate: 1.42%
```

Run 4: Report of TCP Cubic — Data Link

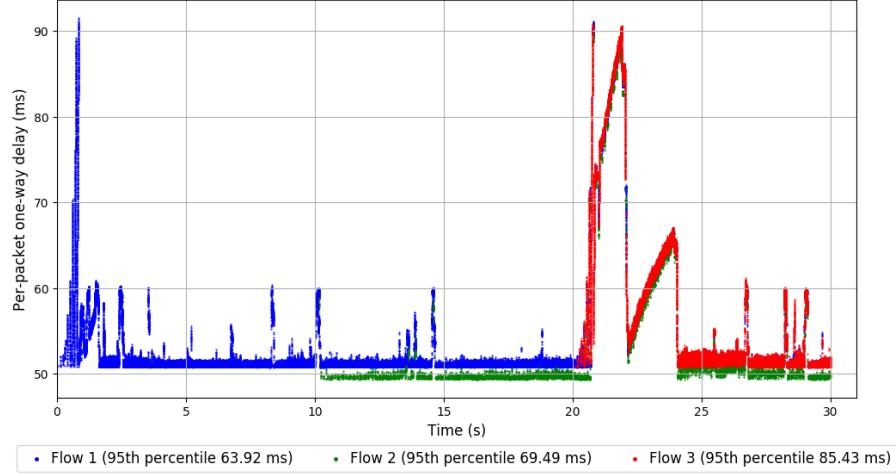
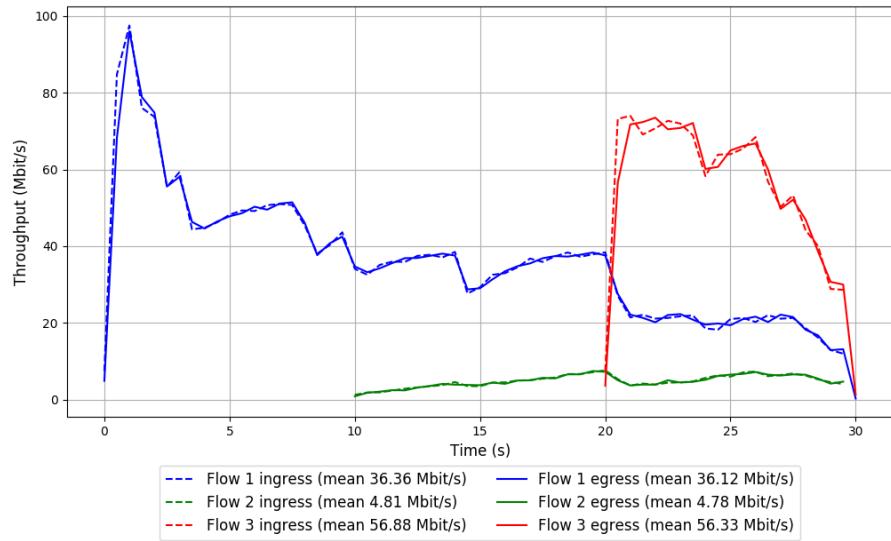


Run 5: Statistics of TCP Cubic

```
Start at: Mon, 31 Jul 2017 23:41:03 +0000
End at: Mon, 31 Jul 2017 23:41:33 +0000
Local clock offset: 0.384 ms
Remote clock offset: 1.295 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:45:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 57.98 Mbit/s
95th percentile per-packet one-way delay: 79.020 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 36.12 Mbit/s
95th percentile per-packet one-way delay: 63.925 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 4.78 Mbit/s
95th percentile per-packet one-way delay: 69.492 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 56.33 Mbit/s
95th percentile per-packet one-way delay: 85.434 ms
Loss rate: 0.96%
```

Run 5: Report of TCP Cubic — Data Link

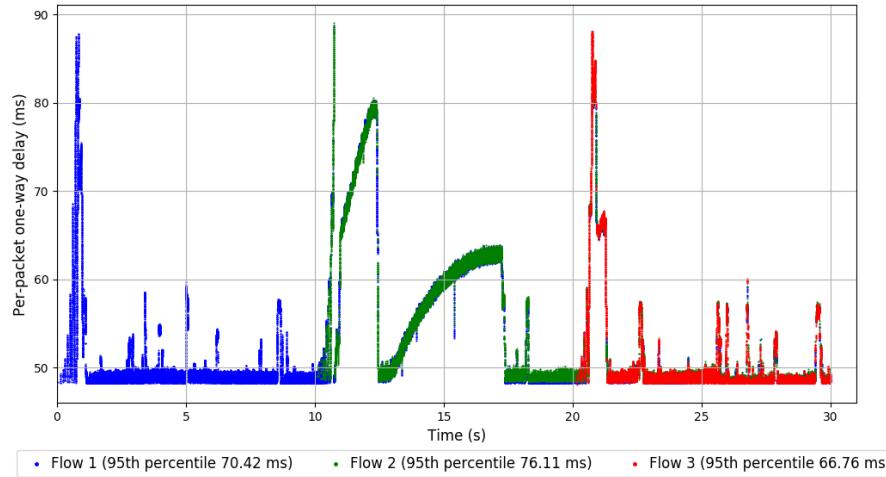
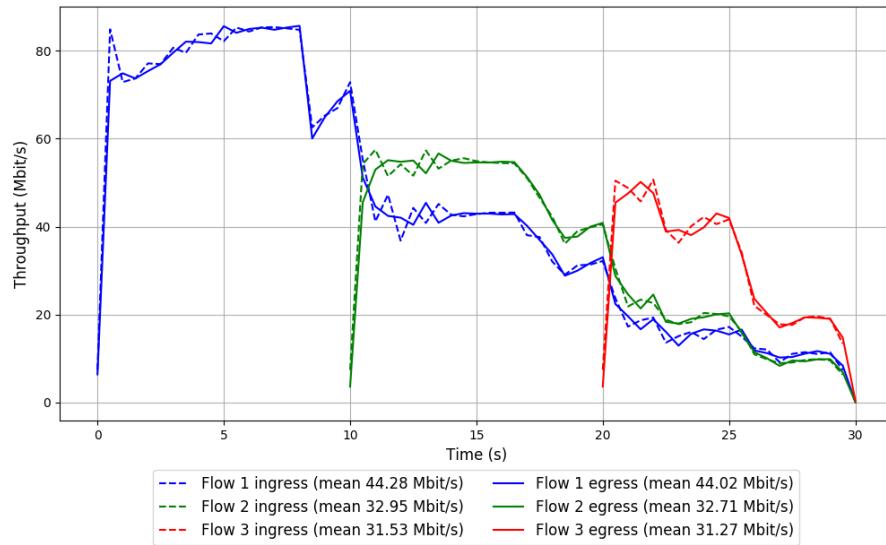


Run 6: Statistics of TCP Cubic

```
Start at: Tue, 01 Aug 2017 00:02:07 +0000
End at: Tue, 01 Aug 2017 00:02:37 +0000
Local clock offset: 0.524 ms
Remote clock offset: -1.087 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:45:26 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 76.15 Mbit/s
95th percentile per-packet one-way delay: 72.684 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 44.02 Mbit/s
95th percentile per-packet one-way delay: 70.424 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 32.71 Mbit/s
95th percentile per-packet one-way delay: 76.105 ms
Loss rate: 0.72%
-- Flow 3:
Average throughput: 31.27 Mbit/s
95th percentile per-packet one-way delay: 66.760 ms
Loss rate: 0.83%
```

Run 6: Report of TCP Cubic — Data Link

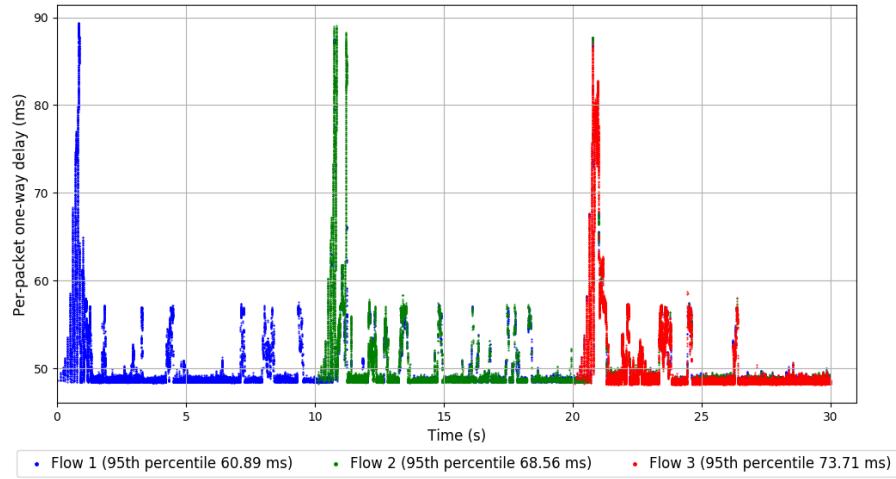
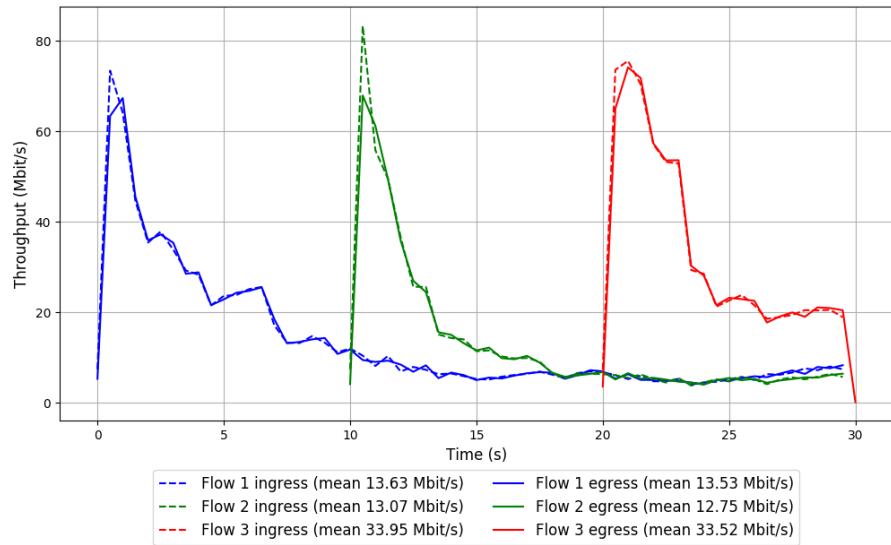


Run 7: Statistics of TCP Cubic

```
Start at: Tue, 01 Aug 2017 00:23:30 +0000
End at: Tue, 01 Aug 2017 00:24:00 +0000
Local clock offset: 0.758 ms
Remote clock offset: -1.007 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:45:26 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 33.11 Mbit/s
95th percentile per-packet one-way delay: 65.442 ms
Loss rate: 1.38%
-- Flow 1:
Average throughput: 13.53 Mbit/s
95th percentile per-packet one-way delay: 60.893 ms
Loss rate: 0.78%
-- Flow 2:
Average throughput: 12.75 Mbit/s
95th percentile per-packet one-way delay: 68.559 ms
Loss rate: 2.47%
-- Flow 3:
Average throughput: 33.52 Mbit/s
95th percentile per-packet one-way delay: 73.711 ms
Loss rate: 1.26%
```

Run 7: Report of TCP Cubic — Data Link

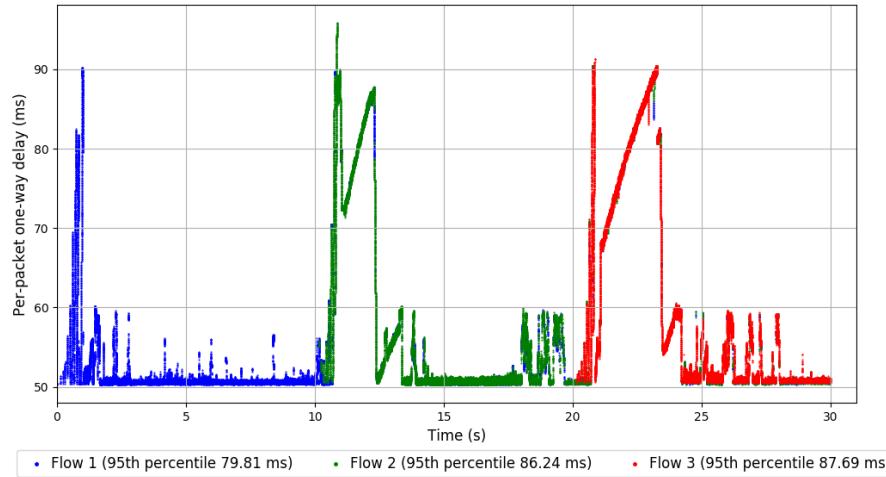
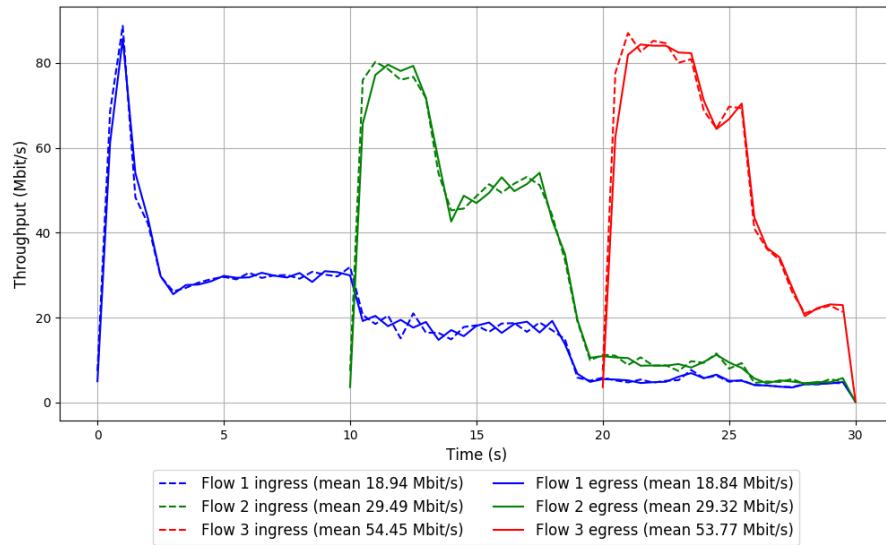


Run 8: Statistics of TCP Cubic

```
Start at: Tue, 01 Aug 2017 00:44:42 +0000
End at: Tue, 01 Aug 2017 00:45:12 +0000
Local clock offset: 0.721 ms
Remote clock offset: 0.949 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:45:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 56.19 Mbit/s
95th percentile per-packet one-way delay: 85.966 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 18.84 Mbit/s
95th percentile per-packet one-way delay: 79.806 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 29.32 Mbit/s
95th percentile per-packet one-way delay: 86.238 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 53.77 Mbit/s
95th percentile per-packet one-way delay: 87.695 ms
Loss rate: 1.25%
```

Run 8: Report of TCP Cubic — Data Link

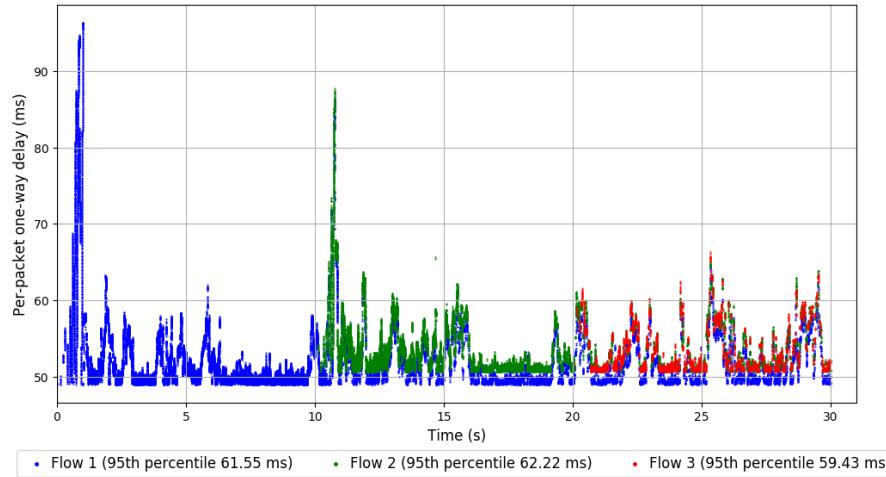
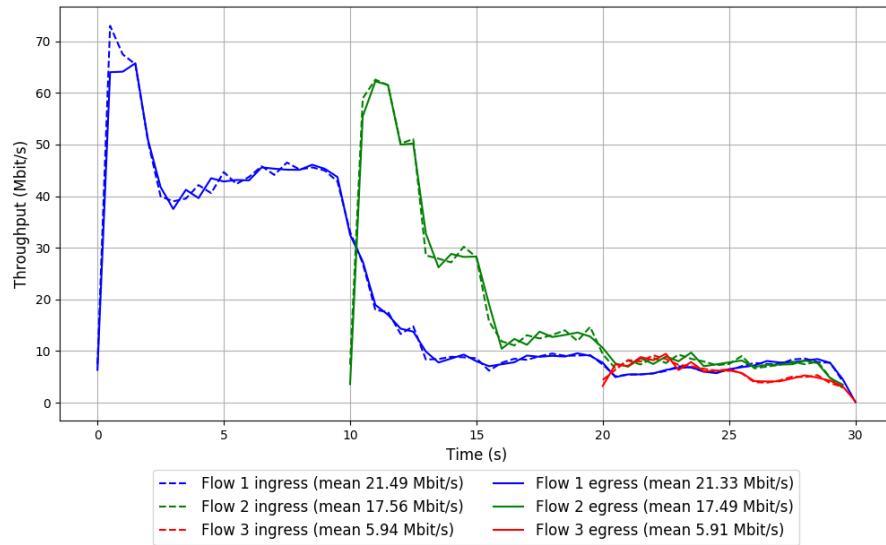


Run 9: Statistics of TCP Cubic

```
Start at: Tue, 01 Aug 2017 01:06:09 +0000
End at: Tue, 01 Aug 2017 01:06:39 +0000
Local clock offset: 0.697 ms
Remote clock offset: 0.949 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:45:32 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 34.94 Mbit/s
95th percentile per-packet one-way delay: 61.605 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 21.33 Mbit/s
95th percentile per-packet one-way delay: 61.552 ms
Loss rate: 0.74%
-- Flow 2:
Average throughput: 17.49 Mbit/s
95th percentile per-packet one-way delay: 62.216 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 5.91 Mbit/s
95th percentile per-packet one-way delay: 59.426 ms
Loss rate: 0.49%
```

Run 9: Report of TCP Cubic — Data Link

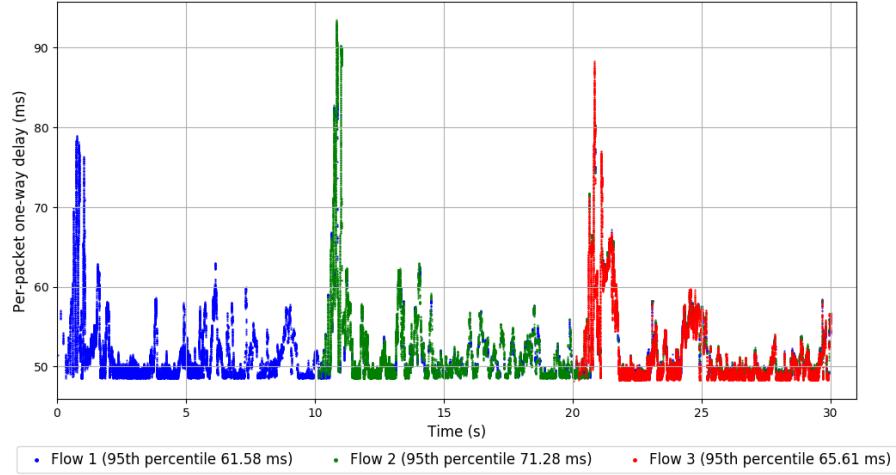
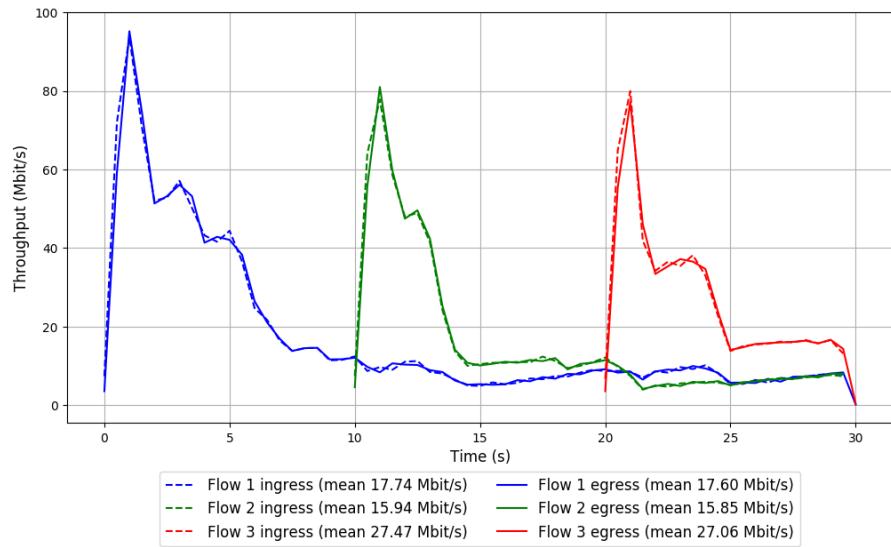


Run 10: Statistics of TCP Cubic

```
Start at: Tue, 01 Aug 2017 01:28:11 +0000
End at: Tue, 01 Aug 2017 01:28:41 +0000
Local clock offset: 0.727 ms
Remote clock offset: -1.181 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:45:36 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 37.14 Mbit/s
95th percentile per-packet one-way delay: 65.182 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 17.60 Mbit/s
95th percentile per-packet one-way delay: 61.575 ms
Loss rate: 0.81%
-- Flow 2:
Average throughput: 15.85 Mbit/s
95th percentile per-packet one-way delay: 71.280 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 27.06 Mbit/s
95th percentile per-packet one-way delay: 65.615 ms
Loss rate: 1.60%
```

Run 10: Report of TCP Cubic — Data Link

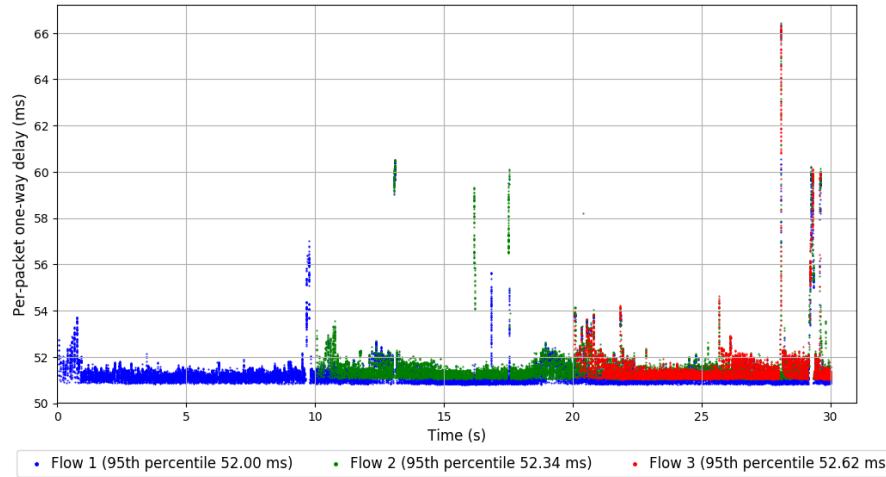
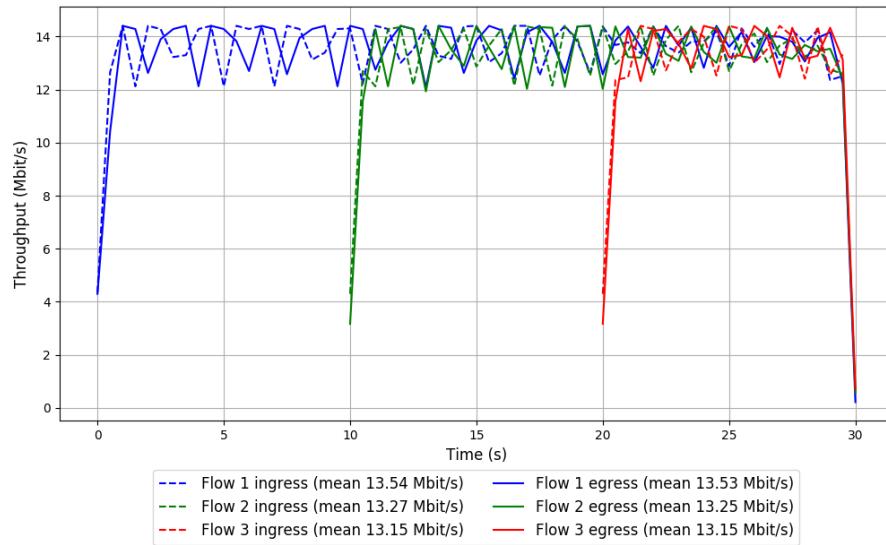


```
Run 1: Statistics of KohoCC
```

```
Start at: Mon, 31 Jul 2017 22:23:08 +0000
End at: Mon, 31 Jul 2017 22:23:38 +0000
Local clock offset: 0.489 ms
Remote clock offset: 0.211 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:45:37 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.72 Mbit/s
95th percentile per-packet one-way delay: 52.206 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 13.53 Mbit/s
95th percentile per-packet one-way delay: 51.997 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 13.25 Mbit/s
95th percentile per-packet one-way delay: 52.341 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 13.15 Mbit/s
95th percentile per-packet one-way delay: 52.618 ms
Loss rate: 0.04%
```

Run 1: Report of KohoCC — Data Link

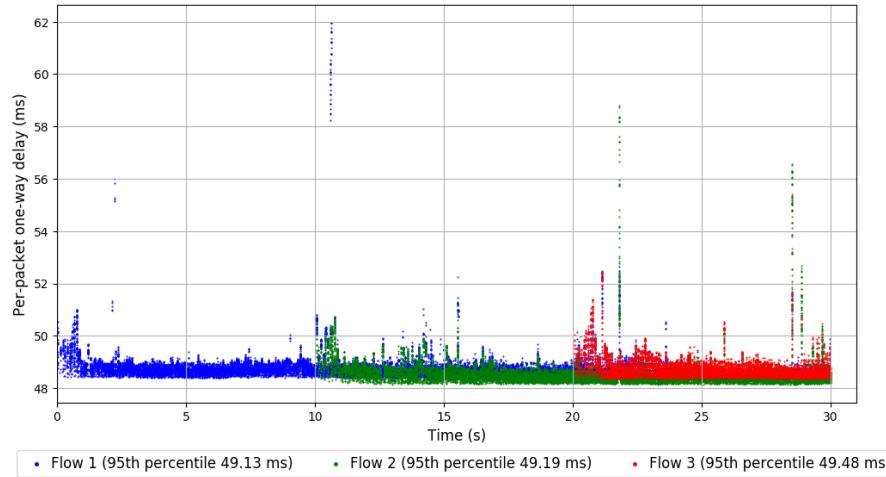
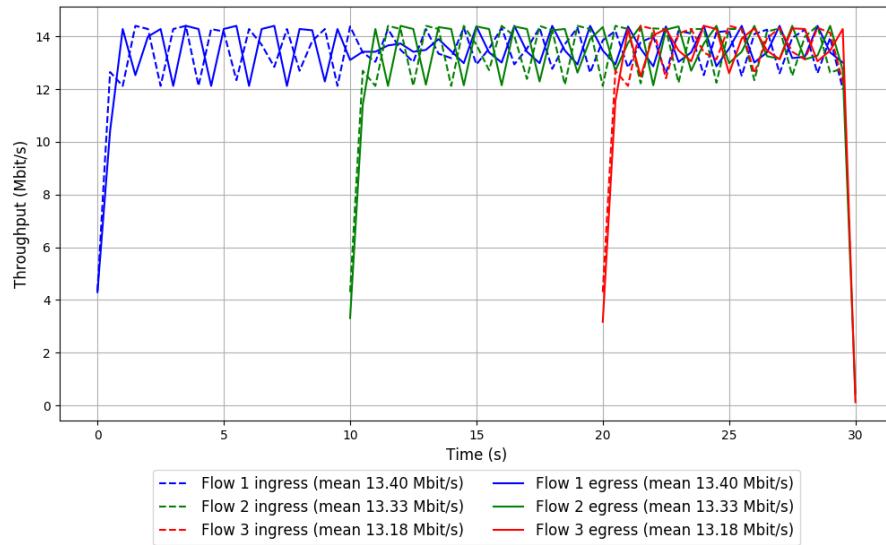


Run 2: Statistics of KohoCC

```
Start at: Mon, 31 Jul 2017 22:44:05 +0000
End at: Mon, 31 Jul 2017 22:44:35 +0000
Local clock offset: 0.638 ms
Remote clock offset: -1.837 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:45:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.63 Mbit/s
95th percentile per-packet one-way delay: 49.226 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 13.40 Mbit/s
95th percentile per-packet one-way delay: 49.134 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 13.33 Mbit/s
95th percentile per-packet one-way delay: 49.187 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 13.18 Mbit/s
95th percentile per-packet one-way delay: 49.476 ms
Loss rate: 0.00%
```

Run 2: Report of KohoCC — Data Link

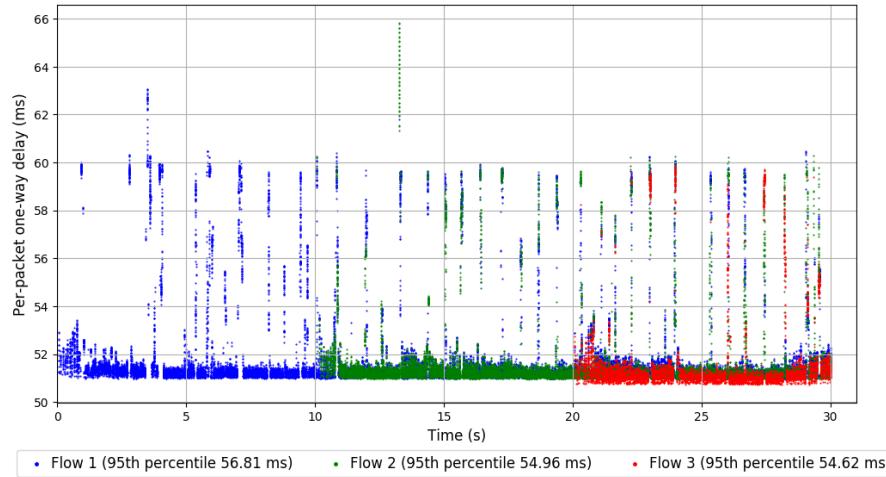
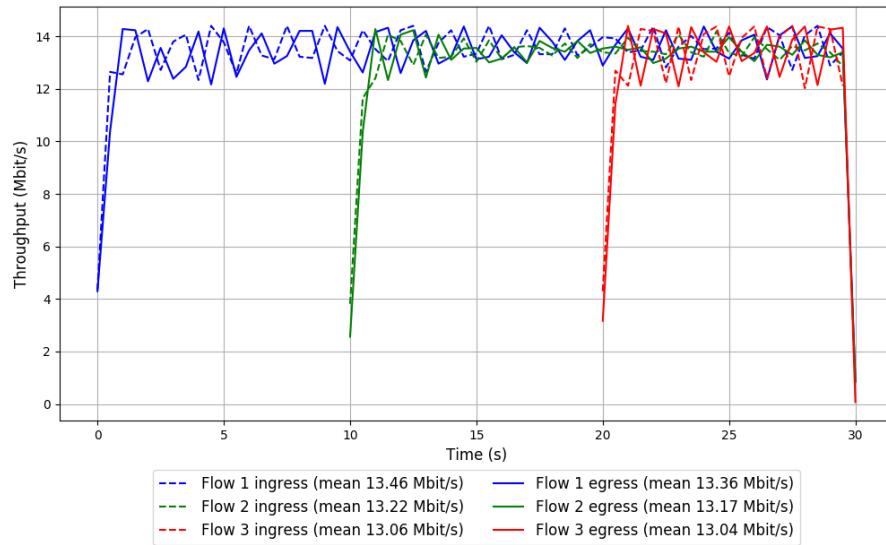


Run 3: Statistics of KohoCC

```
Start at: Mon, 31 Jul 2017 23:05:01 +0000
End at: Mon, 31 Jul 2017 23:05:31 +0000
Local clock offset: 0.636 ms
Remote clock offset: 1.071 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:45:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.44 Mbit/s
95th percentile per-packet one-way delay: 55.842 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 13.36 Mbit/s
95th percentile per-packet one-way delay: 56.815 ms
Loss rate: 0.78%
-- Flow 2:
Average throughput: 13.17 Mbit/s
95th percentile per-packet one-way delay: 54.956 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 13.04 Mbit/s
95th percentile per-packet one-way delay: 54.619 ms
Loss rate: 0.13%
```

Run 3: Report of KohoCC — Data Link

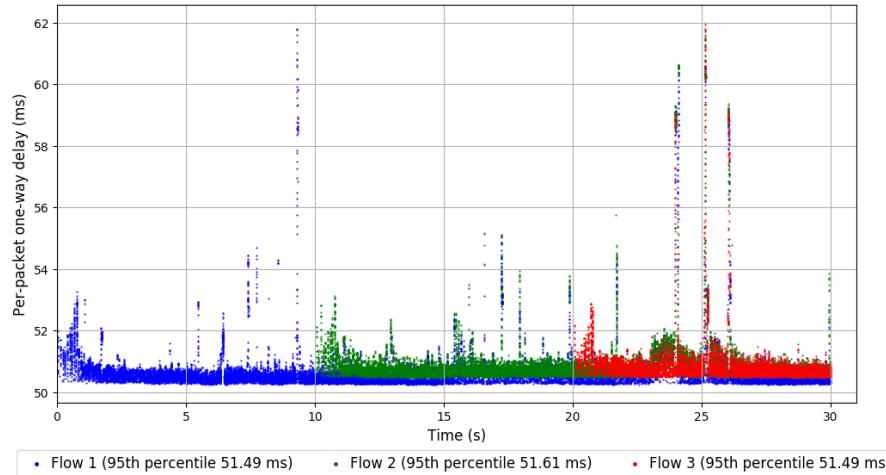
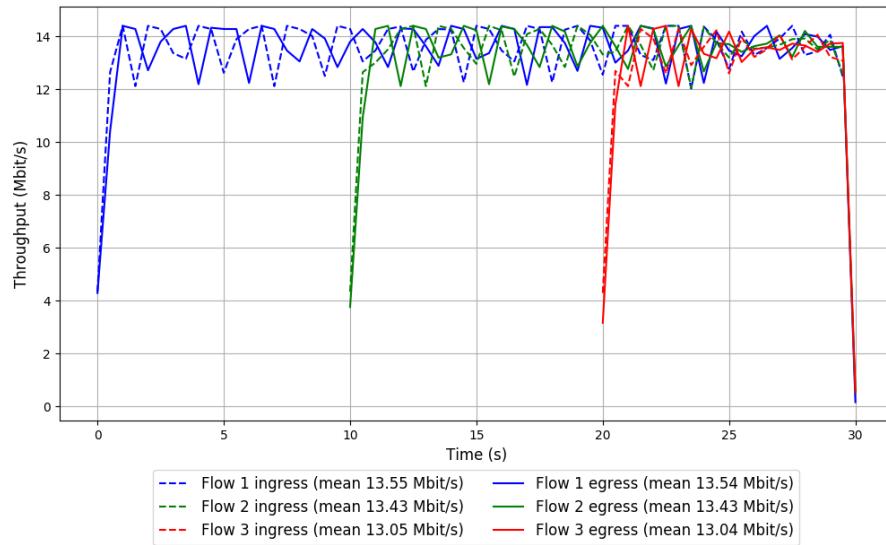


Run 4: Statistics of KohoCC

```
Start at: Mon, 31 Jul 2017 23:25:50 +0000
End at: Mon, 31 Jul 2017 23:26:20 +0000
Local clock offset: 0.392 ms
Remote clock offset: 0.684 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:45:44 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.82 Mbit/s
95th percentile per-packet one-way delay: 51.541 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 13.54 Mbit/s
95th percentile per-packet one-way delay: 51.494 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 13.43 Mbit/s
95th percentile per-packet one-way delay: 51.606 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 13.04 Mbit/s
95th percentile per-packet one-way delay: 51.486 ms
Loss rate: 0.03%
```

Run 4: Report of KohoCC — Data Link

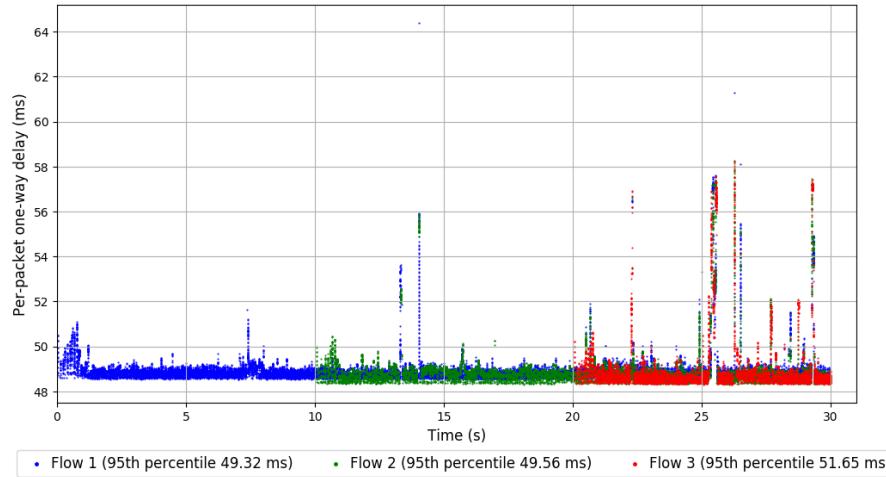
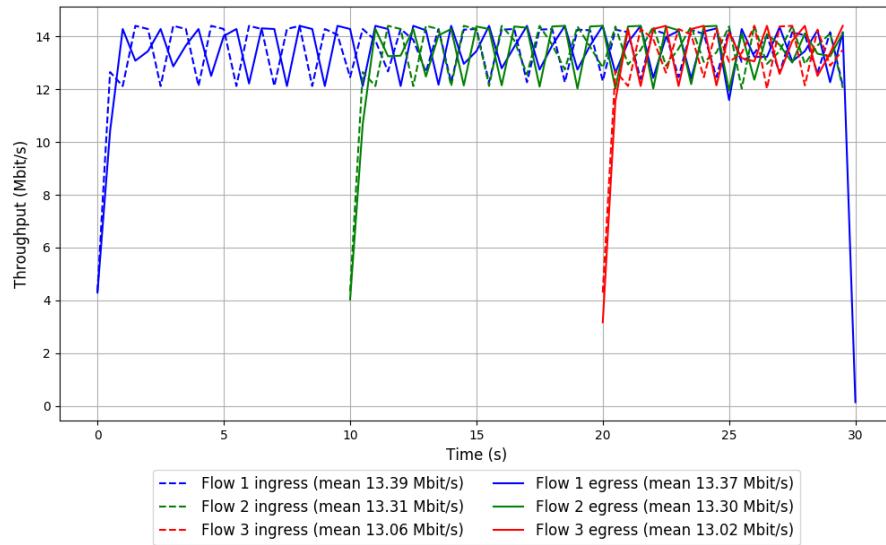


Run 5: Statistics of KohoCC

```
Start at: Mon, 31 Jul 2017 23:46:39 +0000
End at: Mon, 31 Jul 2017 23:47:09 +0000
Local clock offset: 0.406 ms
Remote clock offset: -1.133 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:45:48 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.54 Mbit/s
95th percentile per-packet one-way delay: 49.578 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 13.37 Mbit/s
95th percentile per-packet one-way delay: 49.320 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 13.30 Mbit/s
95th percentile per-packet one-way delay: 49.556 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 13.02 Mbit/s
95th percentile per-packet one-way delay: 51.650 ms
Loss rate: 0.31%
```

Run 5: Report of KohoCC — Data Link

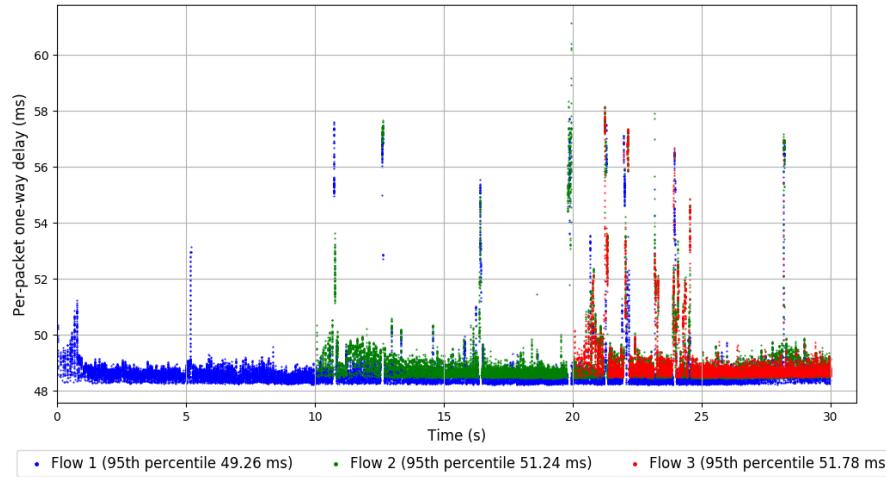
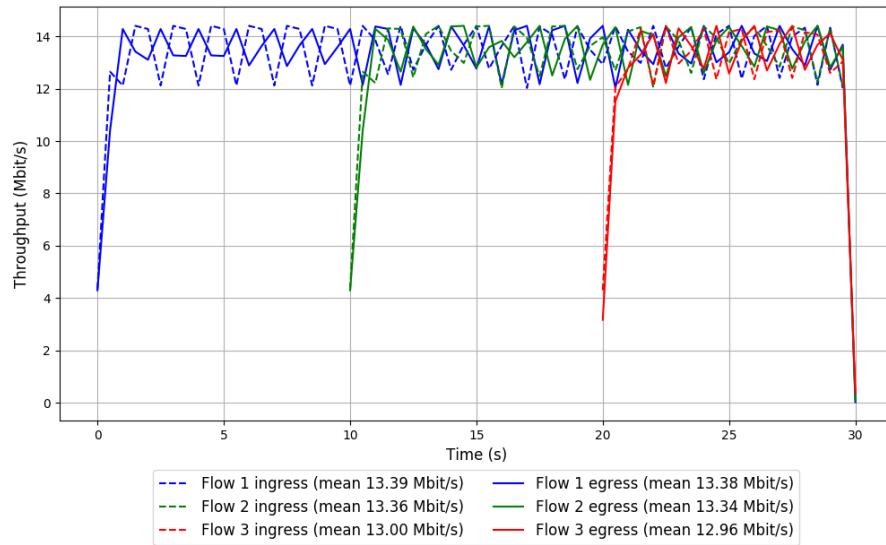


Run 6: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 00:07:54 +0000
End at: Tue, 01 Aug 2017 00:08:24 +0000
Local clock offset: 0.559 ms
Remote clock offset: -1.099 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:45:49 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.56 Mbit/s
95th percentile per-packet one-way delay: 50.332 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 13.38 Mbit/s
95th percentile per-packet one-way delay: 49.260 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 13.34 Mbit/s
95th percentile per-packet one-way delay: 51.236 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 12.96 Mbit/s
95th percentile per-packet one-way delay: 51.781 ms
Loss rate: 0.24%
```

Run 6: Report of KohoCC — Data Link

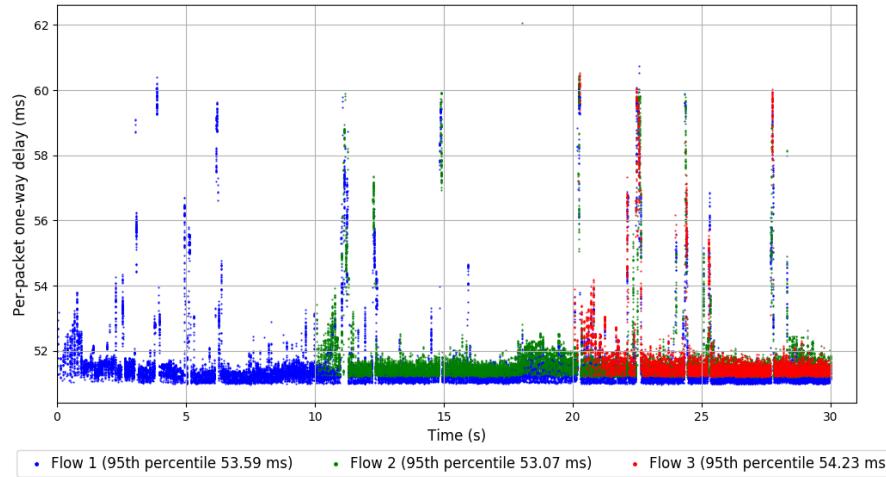
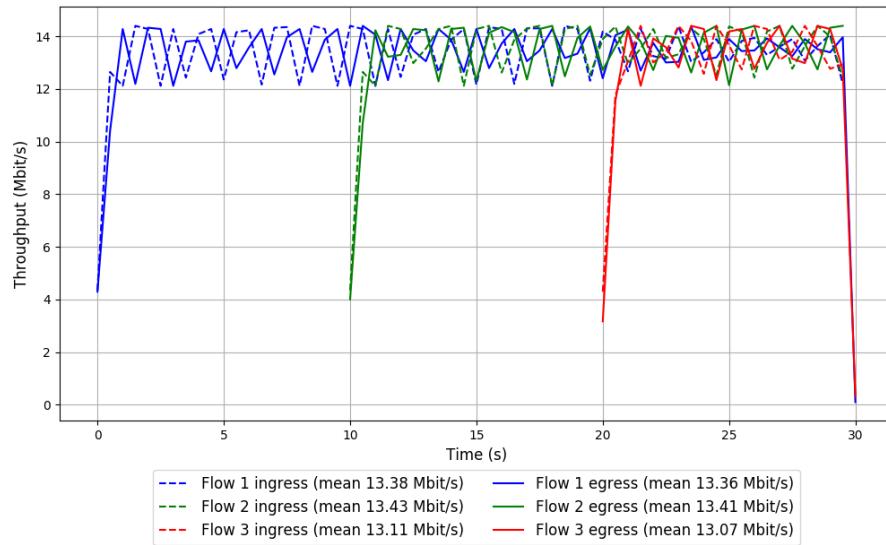


Run 7: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 00:29:08 +0000
End at: Tue, 01 Aug 2017 00:29:38 +0000
Local clock offset: 0.682 ms
Remote clock offset: 1.742 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:45:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.62 Mbit/s
95th percentile per-packet one-way delay: 53.534 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 13.36 Mbit/s
95th percentile per-packet one-way delay: 53.588 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 13.41 Mbit/s
95th percentile per-packet one-way delay: 53.070 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 13.07 Mbit/s
95th percentile per-packet one-way delay: 54.235 ms
Loss rate: 0.29%
```

Run 7: Report of KohoCC — Data Link

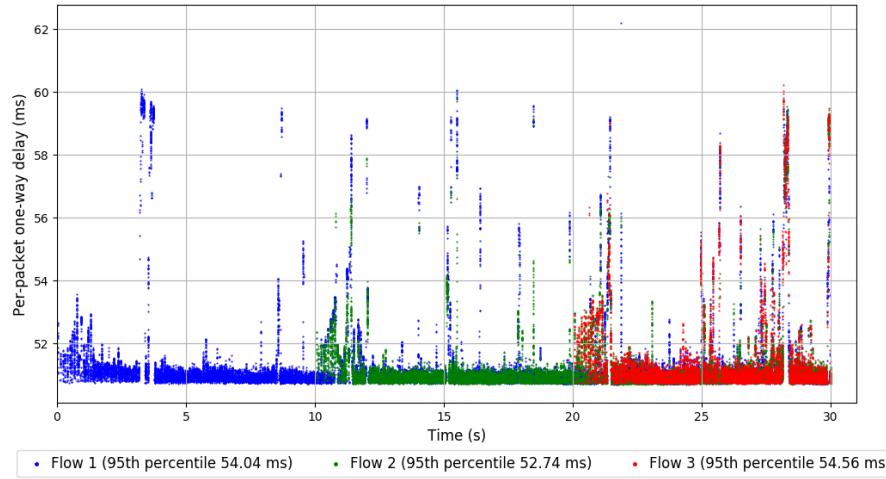
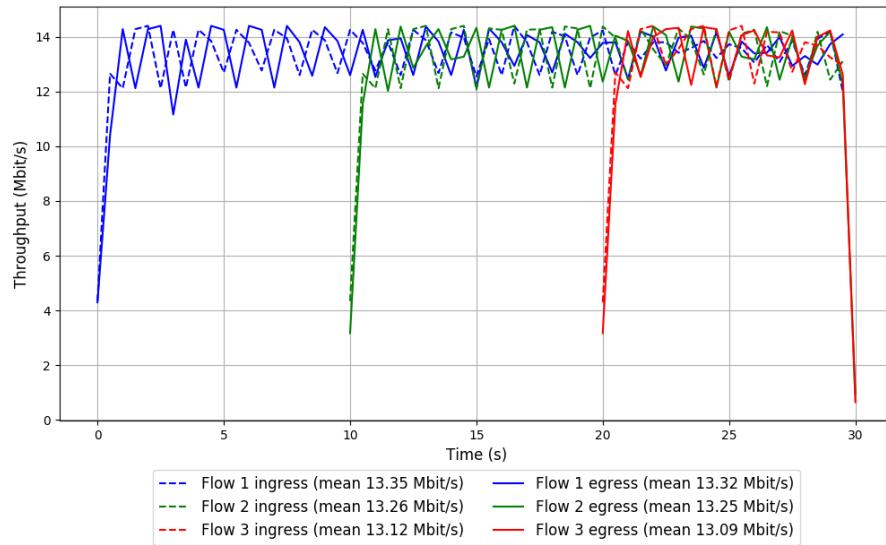


Run 8: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 00:50:18 +0000
End at: Tue, 01 Aug 2017 00:50:48 +0000
Local clock offset: 0.764 ms
Remote clock offset: 1.38 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:45:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.48 Mbit/s
95th percentile per-packet one-way delay: 53.549 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 13.32 Mbit/s
95th percentile per-packet one-way delay: 54.040 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 13.25 Mbit/s
95th percentile per-packet one-way delay: 52.739 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 13.09 Mbit/s
95th percentile per-packet one-way delay: 54.560 ms
Loss rate: 0.23%
```

Run 8: Report of KohoCC — Data Link

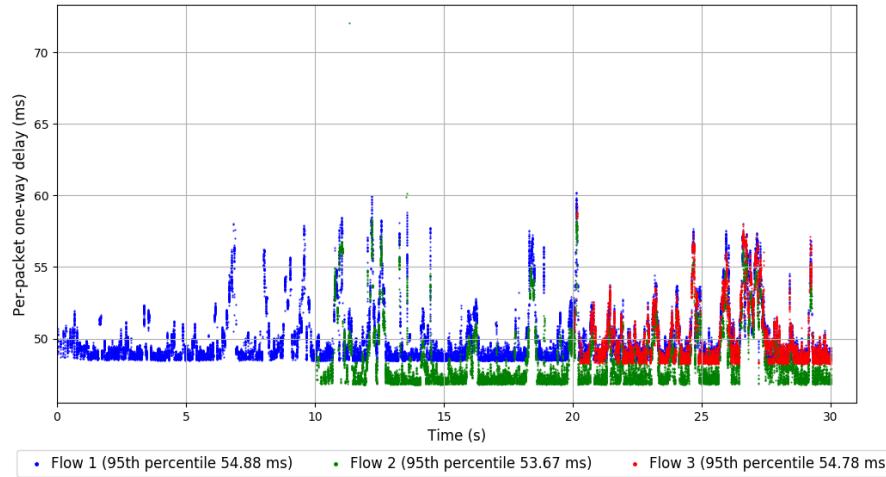
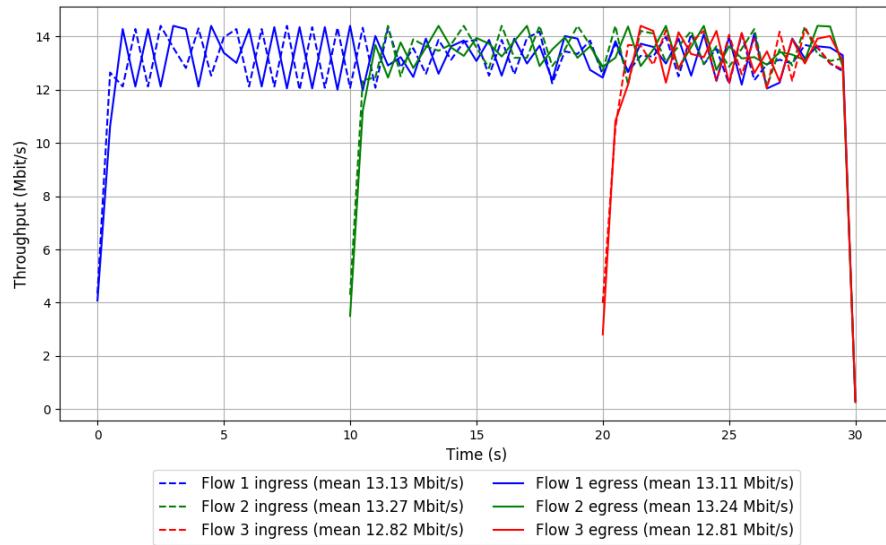


Run 9: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 01:12:02 +0000
End at: Tue, 01 Aug 2017 01:12:32 +0000
Local clock offset: 0.758 ms
Remote clock offset: -1.085 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:45:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.17 Mbit/s
95th percentile per-packet one-way delay: 54.526 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 13.11 Mbit/s
95th percentile per-packet one-way delay: 54.879 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 13.24 Mbit/s
95th percentile per-packet one-way delay: 53.668 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 12.81 Mbit/s
95th percentile per-packet one-way delay: 54.779 ms
Loss rate: 0.14%
```

Run 9: Report of KohoCC — Data Link

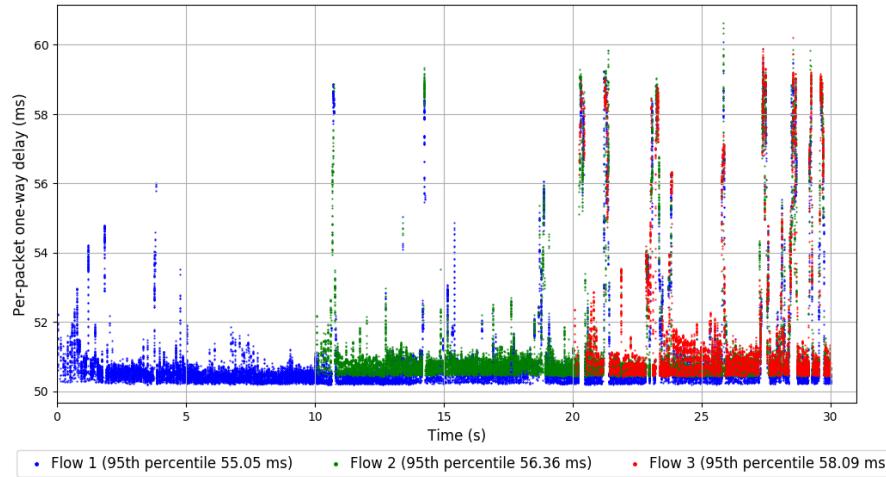
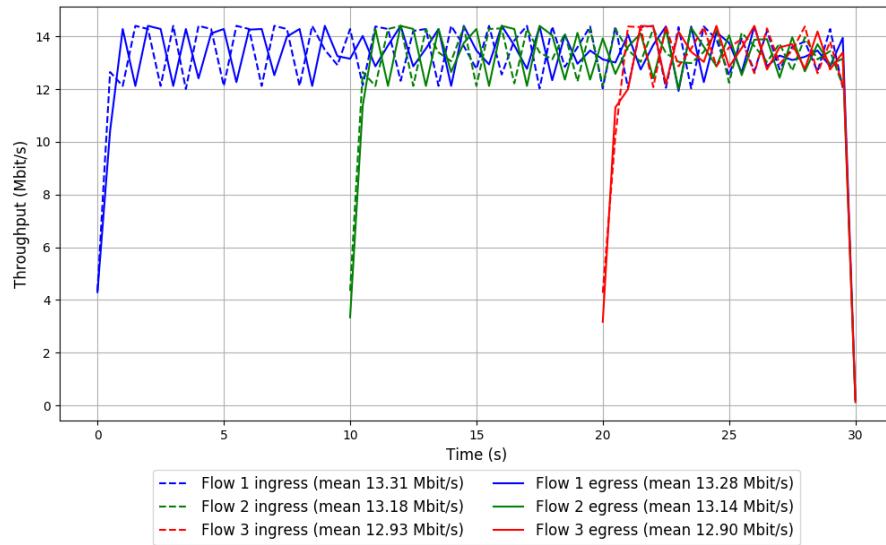


Run 10: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 01:34:25 +0000
End at: Tue, 01 Aug 2017 01:34:55 +0000
Local clock offset: 0.801 ms
Remote clock offset: 0.709 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:45:58 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.31 Mbit/s
95th percentile per-packet one-way delay: 56.430 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 13.28 Mbit/s
95th percentile per-packet one-way delay: 55.047 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 13.14 Mbit/s
95th percentile per-packet one-way delay: 56.360 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 12.90 Mbit/s
95th percentile per-packet one-way delay: 58.086 ms
Loss rate: 0.20%
```

Run 10: Report of KohoCC — Data Link

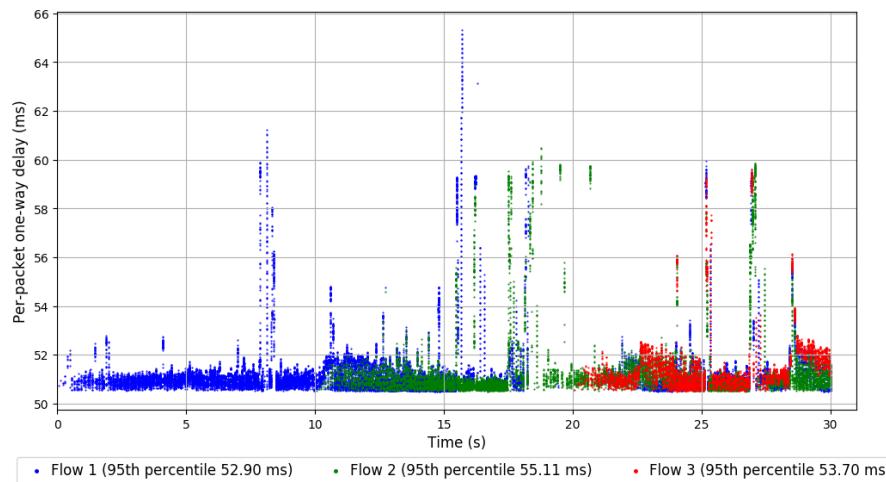
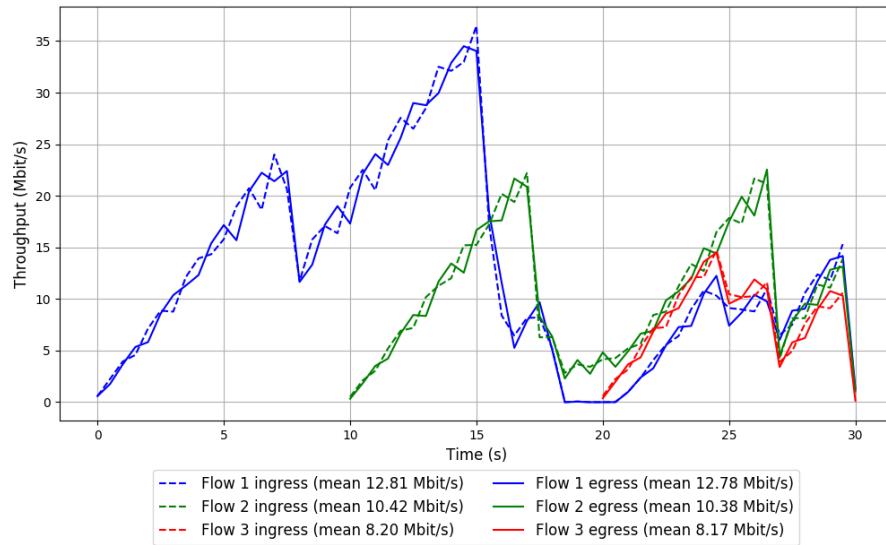


Run 1: Statistics of LEDBAT

```
Start at: Mon, 31 Jul 2017 22:14:42 +0000
End at: Mon, 31 Jul 2017 22:15:12 +0000
Local clock offset: 0.505 ms
Remote clock offset: -0.55 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:46:00 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 22.40 Mbit/s
95th percentile per-packet one-way delay: 53.578 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 12.78 Mbit/s
95th percentile per-packet one-way delay: 52.898 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 10.38 Mbit/s
95th percentile per-packet one-way delay: 55.107 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 8.17 Mbit/s
95th percentile per-packet one-way delay: 53.697 ms
Loss rate: 0.42%
```

Run 1: Report of LEDBAT — Data Link

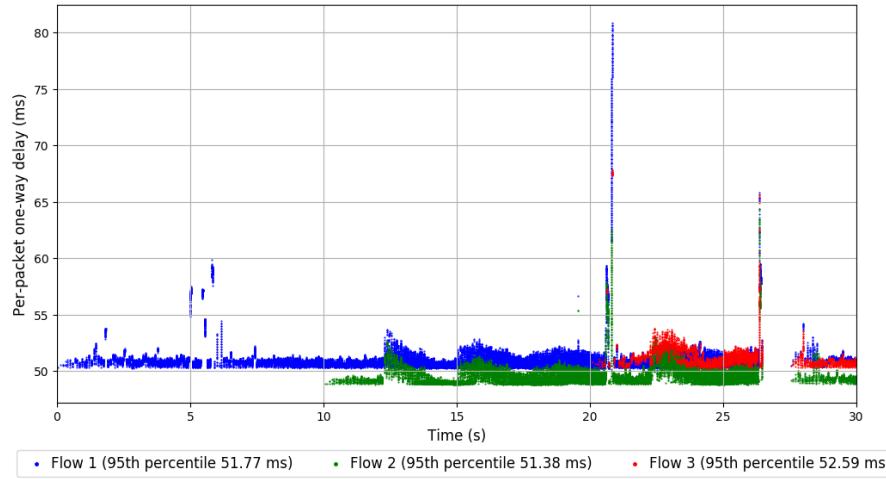
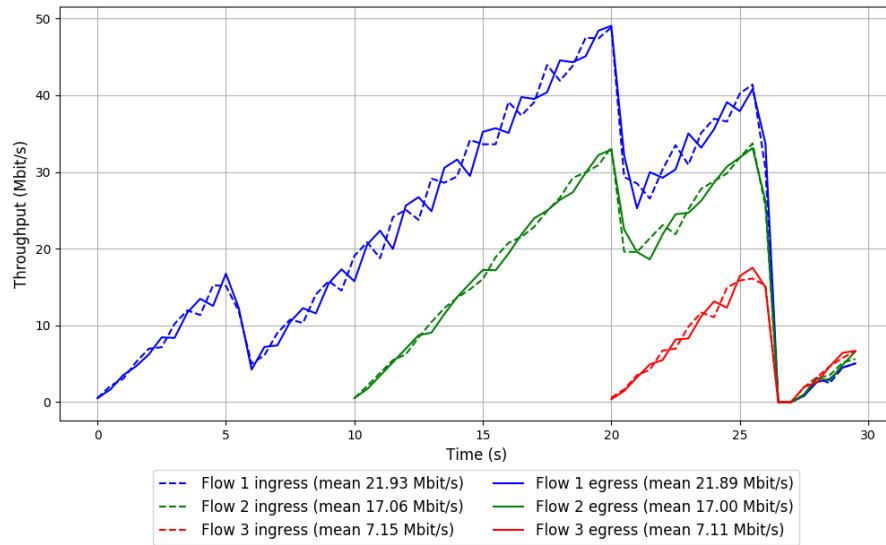


Run 2: Statistics of LEDBAT

```
Start at: Mon, 31 Jul 2017 22:35:39 +0000
End at: Mon, 31 Jul 2017 22:36:09 +0000
Local clock offset: 0.52 ms
Remote clock offset: -0.05 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:46:03 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 35.53 Mbit/s
95th percentile per-packet one-way delay: 51.846 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 21.89 Mbit/s
95th percentile per-packet one-way delay: 51.775 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 17.00 Mbit/s
95th percentile per-packet one-way delay: 51.380 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 7.11 Mbit/s
95th percentile per-packet one-way delay: 52.595 ms
Loss rate: 0.60%
```

Run 2: Report of LEDBAT — Data Link

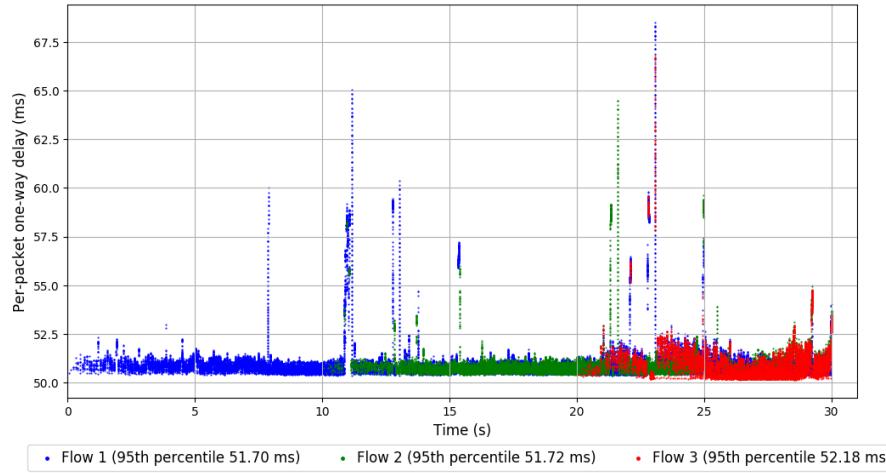
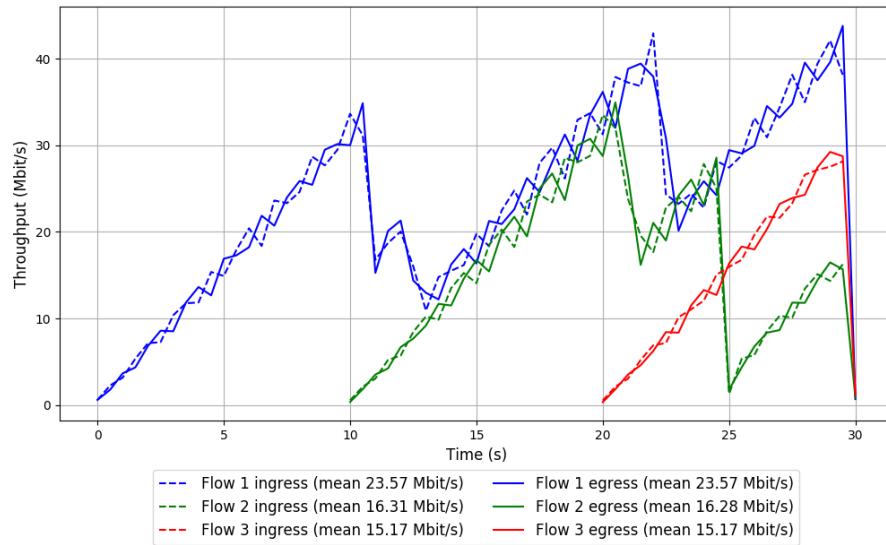


Run 3: Statistics of LEDBAT

```
Start at: Mon, 31 Jul 2017 22:56:36 +0000
End at: Mon, 31 Jul 2017 22:57:06 +0000
Local clock offset: 0.674 ms
Remote clock offset: 0.374 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:46:06 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 39.43 Mbit/s
95th percentile per-packet one-way delay: 51.834 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 23.57 Mbit/s
95th percentile per-packet one-way delay: 51.700 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 16.28 Mbit/s
95th percentile per-packet one-way delay: 51.723 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 15.17 Mbit/s
95th percentile per-packet one-way delay: 52.182 ms
Loss rate: 0.01%
```

Run 3: Report of LEDBAT — Data Link

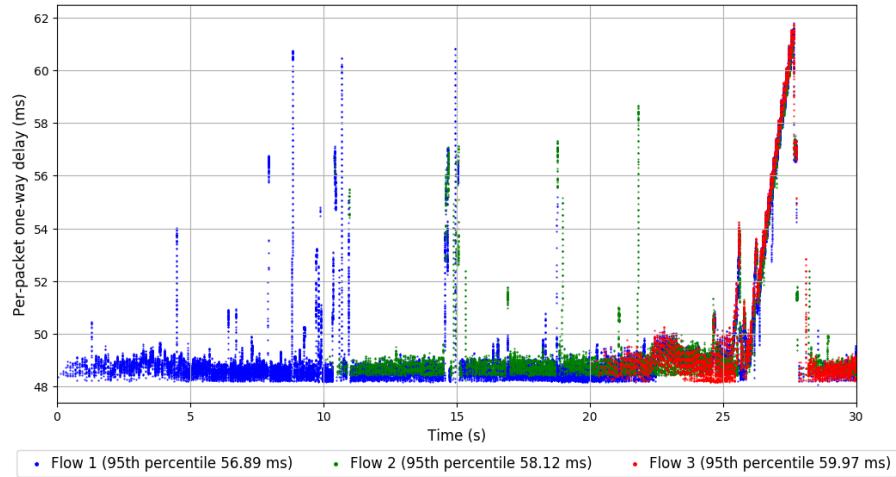
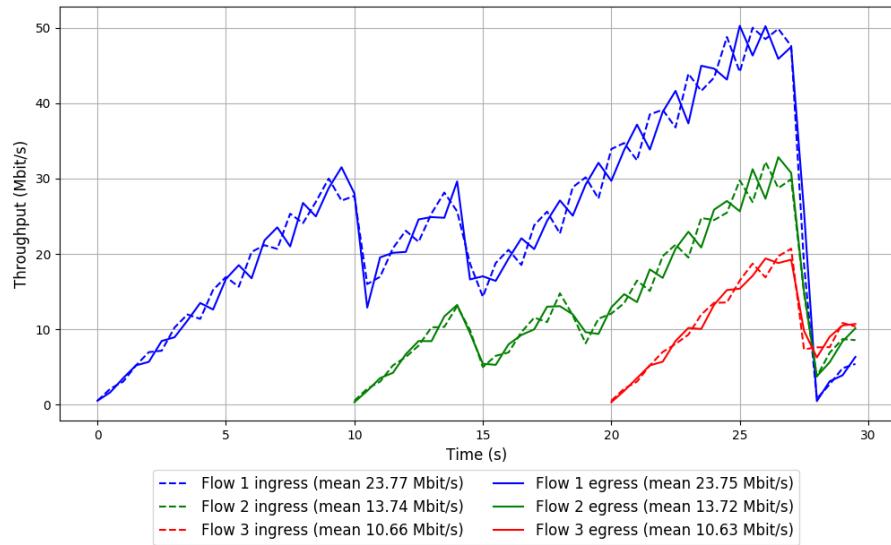


Run 4: Statistics of LEDBAT

```
Start at: Mon, 31 Jul 2017 23:17:25 +0000
End at: Mon, 31 Jul 2017 23:17:55 +0000
Local clock offset: 0.555 ms
Remote clock offset: -1.34 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:46:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 36.37 Mbit/s
95th percentile per-packet one-way delay: 57.785 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 23.75 Mbit/s
95th percentile per-packet one-way delay: 56.892 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 13.72 Mbit/s
95th percentile per-packet one-way delay: 58.123 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 10.63 Mbit/s
95th percentile per-packet one-way delay: 59.969 ms
Loss rate: 0.28%
```

Run 4: Report of LEDBAT — Data Link

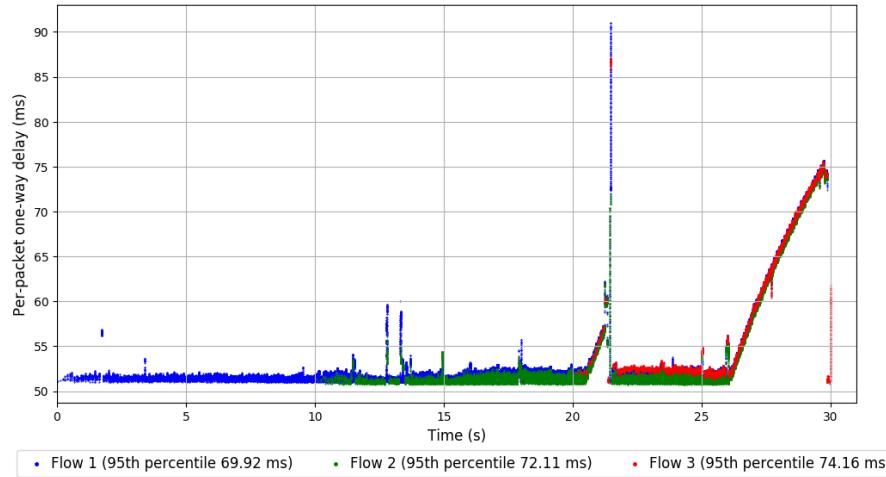
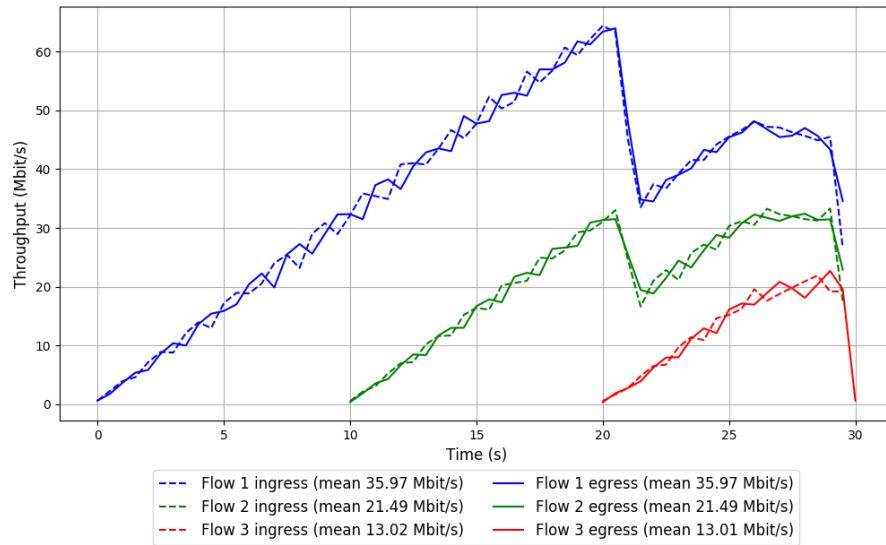


Run 5: Statistics of LEDBAT

```
Start at: Mon, 31 Jul 2017 23:38:15 +0000
End at: Mon, 31 Jul 2017 23:38:45 +0000
Local clock offset: 0.385 ms
Remote clock offset: 1.248 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:46:15 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 54.48 Mbit/s
95th percentile per-packet one-way delay: 71.638 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 35.97 Mbit/s
95th percentile per-packet one-way delay: 69.921 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 21.49 Mbit/s
95th percentile per-packet one-way delay: 72.110 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 13.01 Mbit/s
95th percentile per-packet one-way delay: 74.156 ms
Loss rate: 0.01%
```

Run 5: Report of LEDBAT — Data Link

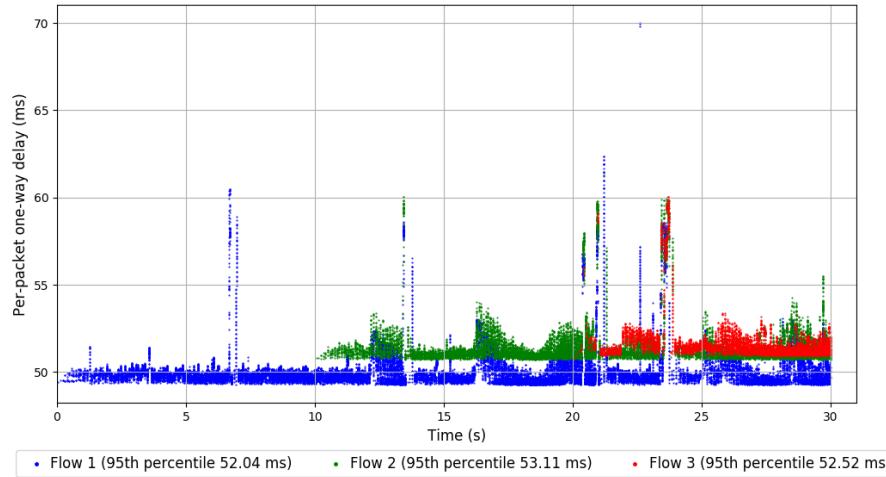
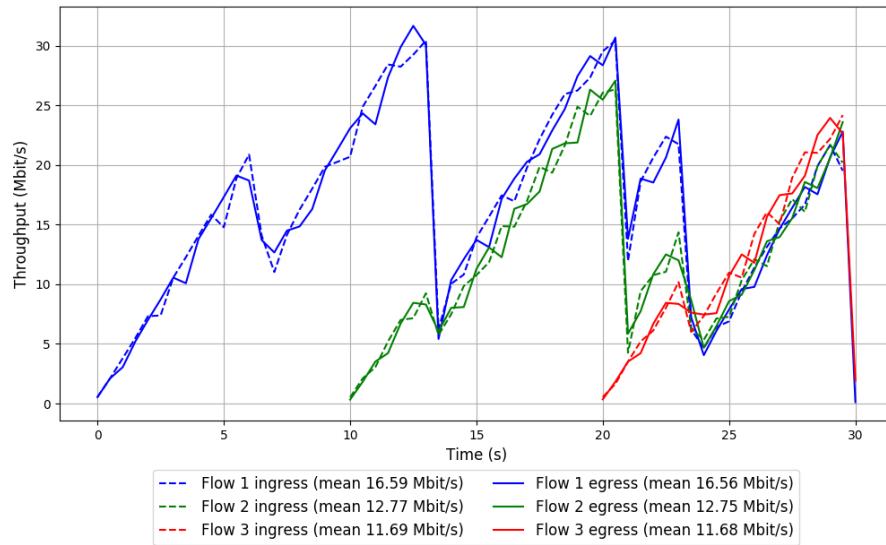


Run 6: Statistics of LEDBAT

```
Start at: Mon, 31 Jul 2017 23:59:10 +0000
End at: Mon, 31 Jul 2017 23:59:40 +0000
Local clock offset: 0.565 ms
Remote clock offset: 1.416 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:46:15 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 28.92 Mbit/s
95th percentile per-packet one-way delay: 52.493 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 16.56 Mbit/s
95th percentile per-packet one-way delay: 52.036 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 12.75 Mbit/s
95th percentile per-packet one-way delay: 53.112 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 11.68 Mbit/s
95th percentile per-packet one-way delay: 52.517 ms
Loss rate: 0.04%
```

Run 6: Report of LEDBAT — Data Link

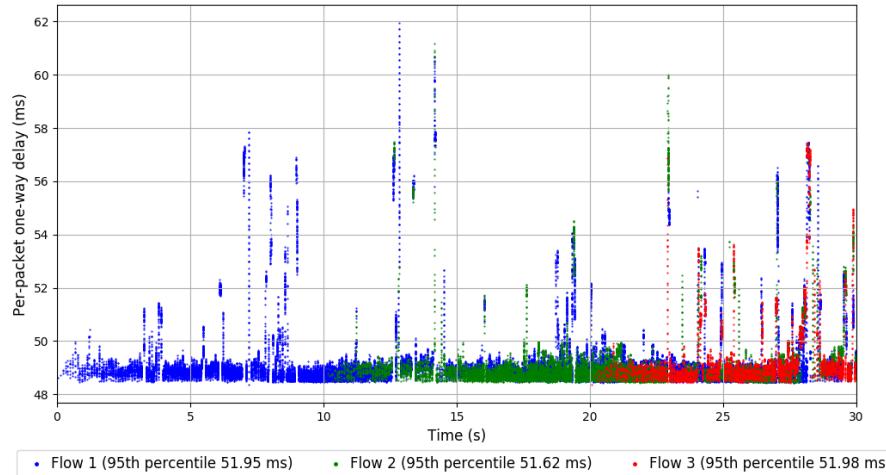
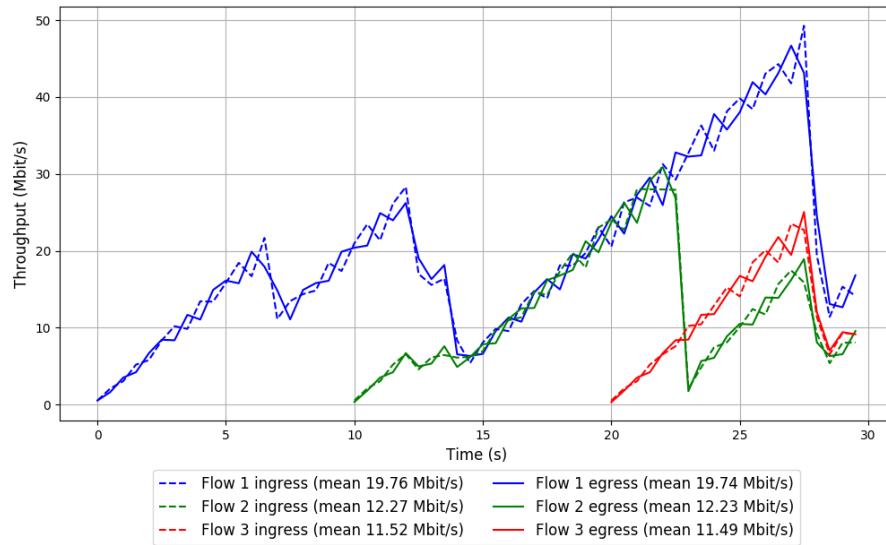


Run 7: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 00:20:42 +0000
End at: Tue, 01 Aug 2017 00:21:12 +0000
Local clock offset: 0.632 ms
Remote clock offset: -1.035 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:46:18 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 31.66 Mbit/s
95th percentile per-packet one-way delay: 51.916 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 19.74 Mbit/s
95th percentile per-packet one-way delay: 51.949 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 12.23 Mbit/s
95th percentile per-packet one-way delay: 51.624 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 11.49 Mbit/s
95th percentile per-packet one-way delay: 51.978 ms
Loss rate: 0.22%
```

Run 7: Report of LEDBAT — Data Link

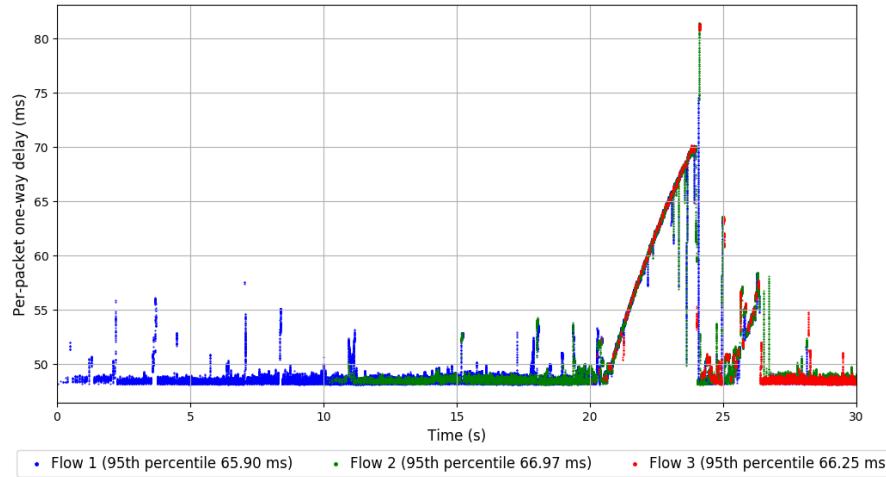
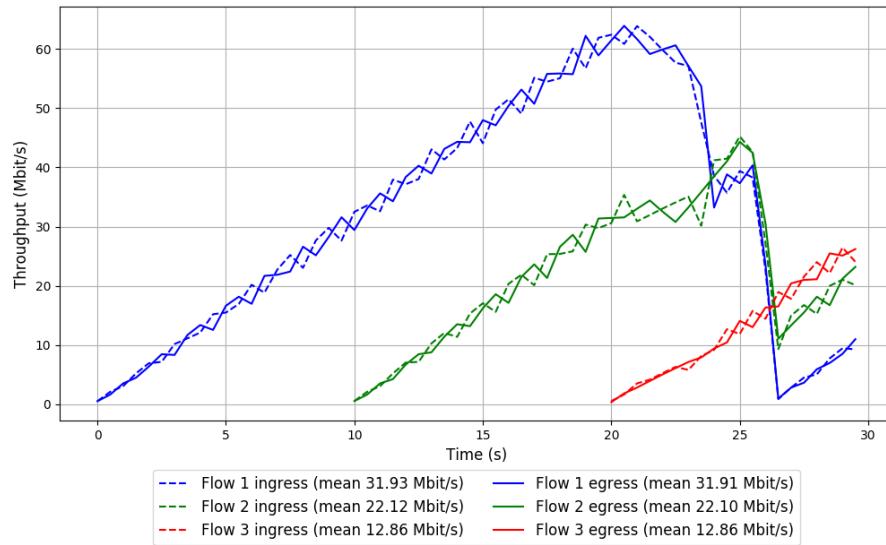


Run 8: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 00:41:52 +0000
End at: Tue, 01 Aug 2017 00:42:22 +0000
Local clock offset: 0.813 ms
Remote clock offset: -1.076 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:46:23 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 50.85 Mbit/s
95th percentile per-packet one-way delay: 66.350 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 31.91 Mbit/s
95th percentile per-packet one-way delay: 65.897 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 22.10 Mbit/s
95th percentile per-packet one-way delay: 66.968 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 12.86 Mbit/s
95th percentile per-packet one-way delay: 66.246 ms
Loss rate: 0.00%
```

Run 8: Report of LEDBAT — Data Link

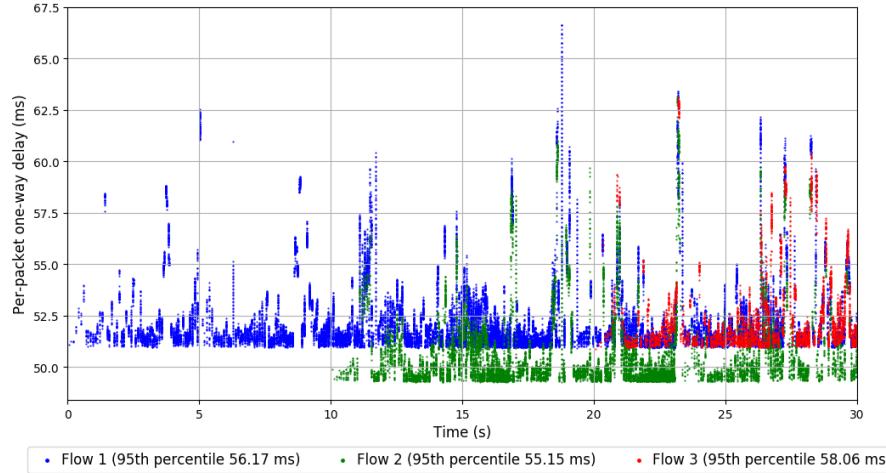
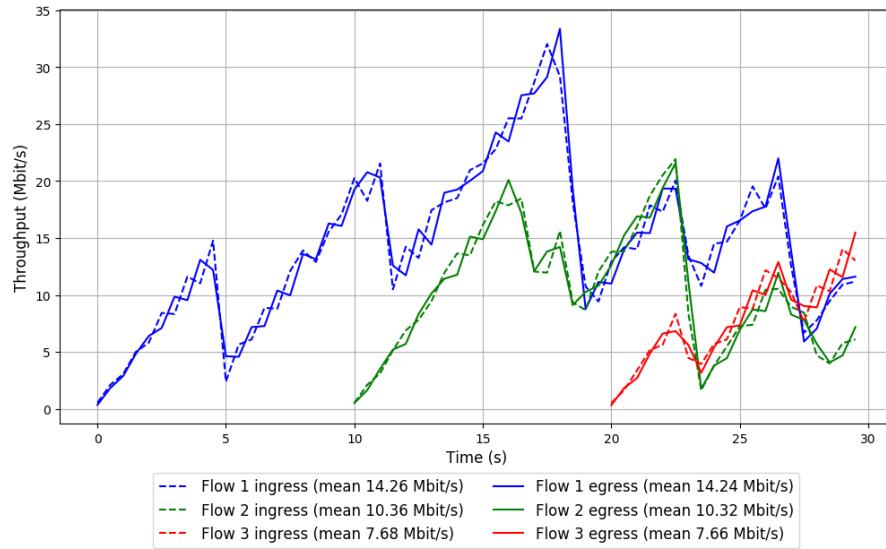


Run 9: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 01:03:05 +0000
End at: Tue, 01 Aug 2017 01:03:35 +0000
Local clock offset: 0.738 ms
Remote clock offset: 1.347 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:46:24 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 23.63 Mbit/s
95th percentile per-packet one-way delay: 56.163 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 14.24 Mbit/s
95th percentile per-packet one-way delay: 56.174 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 10.32 Mbit/s
95th percentile per-packet one-way delay: 55.151 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 7.66 Mbit/s
95th percentile per-packet one-way delay: 58.058 ms
Loss rate: 0.29%
```

Run 9: Report of LEDBAT — Data Link

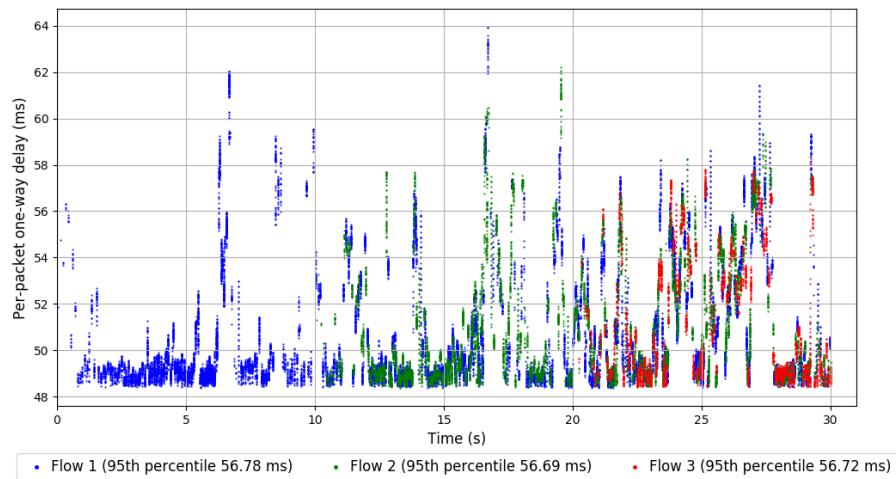
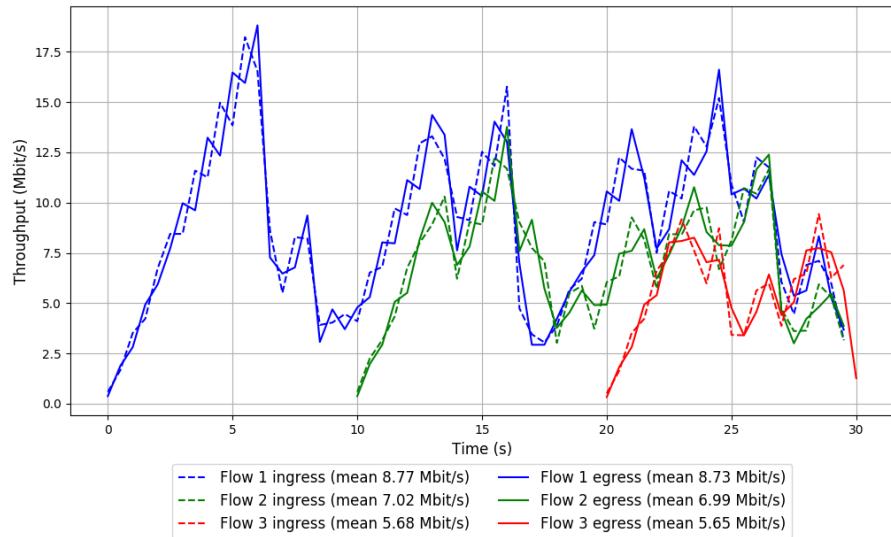


Run 10: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 01:25:09 +0000
End at: Tue, 01 Aug 2017 01:25:39 +0000
Local clock offset: 0.819 ms
Remote clock offset: -1.155 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:46:26 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 15.24 Mbit/s
95th percentile per-packet one-way delay: 56.752 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 8.73 Mbit/s
95th percentile per-packet one-way delay: 56.779 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 6.99 Mbit/s
95th percentile per-packet one-way delay: 56.688 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 5.65 Mbit/s
95th percentile per-packet one-way delay: 56.717 ms
Loss rate: 0.71%
```

Run 10: Report of LEDBAT — Data Link

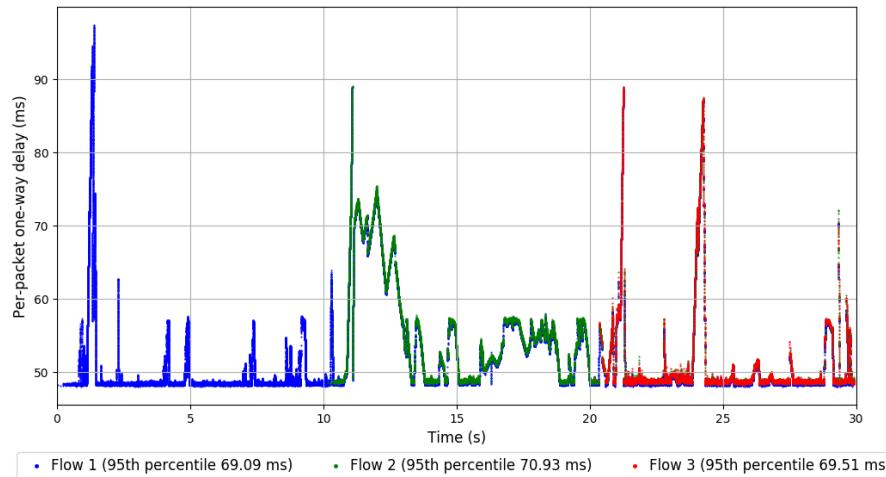
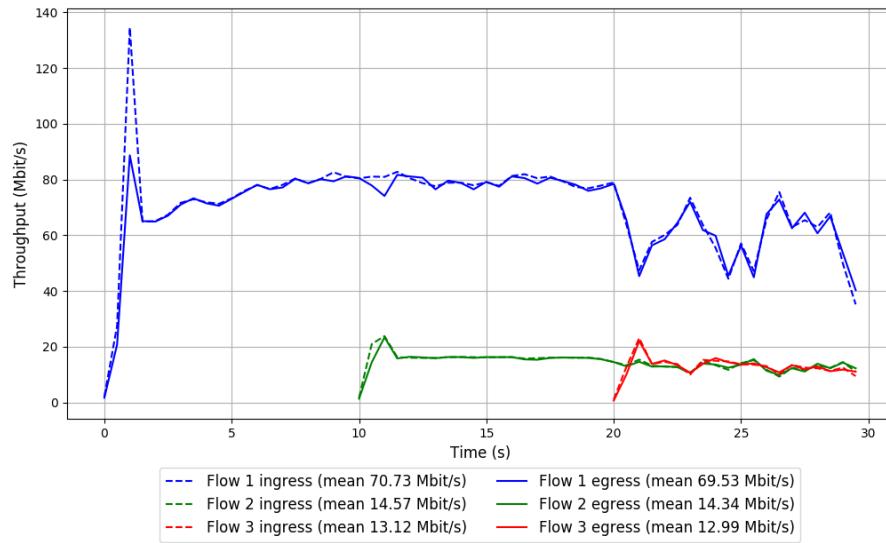


Run 1: Statistics of PCC

```
Start at: Mon, 31 Jul 2017 22:28:39 +0000
End at: Mon, 31 Jul 2017 22:29:09 +0000
Local clock offset: 0.565 ms
Remote clock offset: -2.199 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:46:33 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.29 Mbit/s
95th percentile per-packet one-way delay: 69.417 ms
Loss rate: 1.65%
-- Flow 1:
Average throughput: 69.53 Mbit/s
95th percentile per-packet one-way delay: 69.087 ms
Loss rate: 1.70%
-- Flow 2:
Average throughput: 14.34 Mbit/s
95th percentile per-packet one-way delay: 70.928 ms
Loss rate: 1.54%
-- Flow 3:
Average throughput: 12.99 Mbit/s
95th percentile per-packet one-way delay: 69.507 ms
Loss rate: 1.02%
```

Run 1: Report of PCC — Data Link

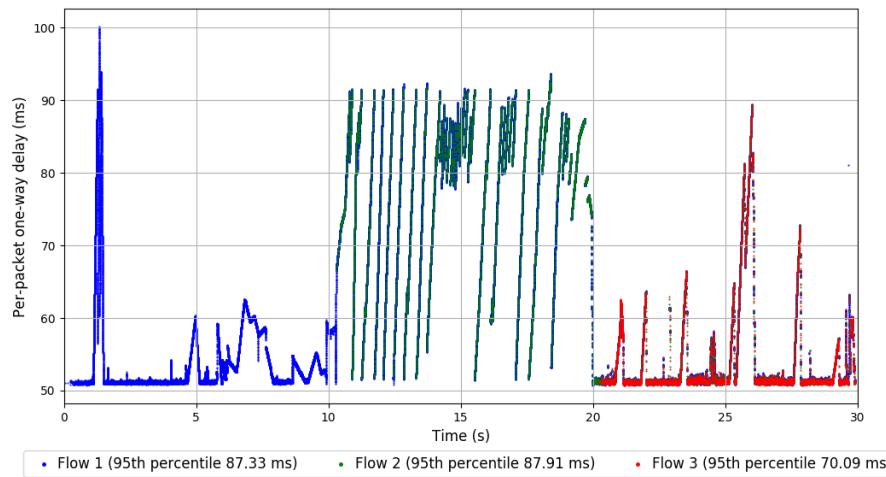
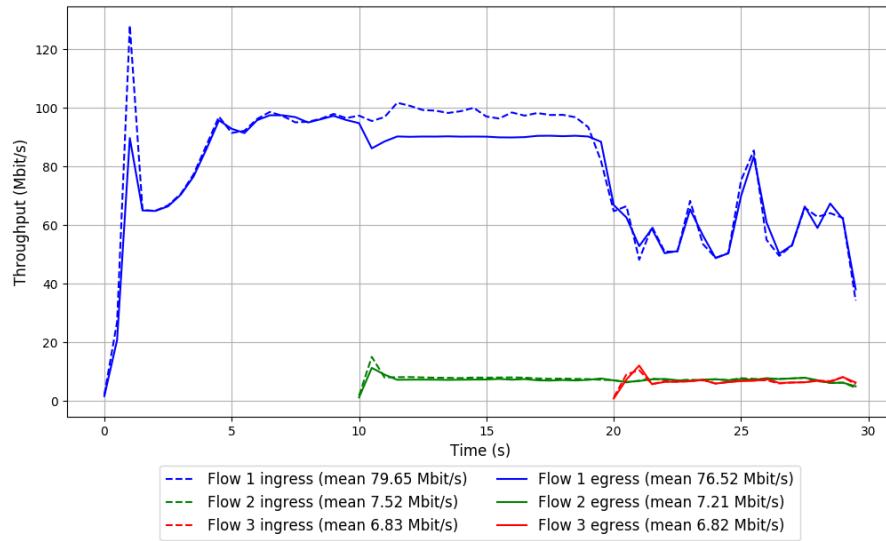


Run 2: Statistics of PCC

```
Start at: Mon, 31 Jul 2017 22:49:37 +0000
End at: Mon, 31 Jul 2017 22:50:07 +0000
Local clock offset: 0.671 ms
Remote clock offset: 0.797 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:46:38 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.53 Mbit/s
95th percentile per-packet one-way delay: 87.289 ms
Loss rate: 3.84%
-- Flow 1:
Average throughput: 76.52 Mbit/s
95th percentile per-packet one-way delay: 87.325 ms
Loss rate: 3.92%
-- Flow 2:
Average throughput: 7.21 Mbit/s
95th percentile per-packet one-way delay: 87.912 ms
Loss rate: 4.20%
-- Flow 3:
Average throughput: 6.82 Mbit/s
95th percentile per-packet one-way delay: 70.086 ms
Loss rate: 0.27%
```

Run 2: Report of PCC — Data Link

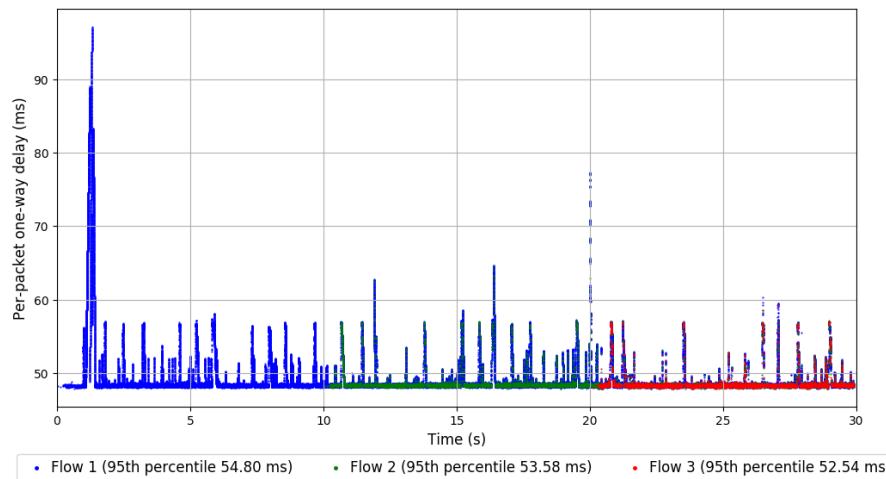
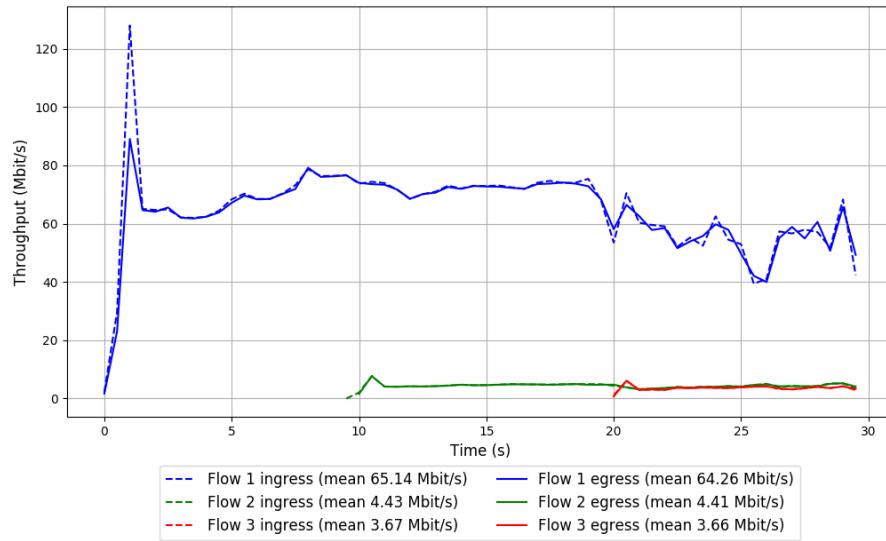


Run 3: Statistics of PCC

```
Start at: Mon, 31 Jul 2017 23:10:29 +0000
End at: Mon, 31 Jul 2017 23:10:59 +0000
Local clock offset: 0.613 ms
Remote clock offset: -1.455 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:46:43 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 68.39 Mbit/s
95th percentile per-packet one-way delay: 54.695 ms
Loss rate: 1.30%
-- Flow 1:
Average throughput: 64.26 Mbit/s
95th percentile per-packet one-way delay: 54.803 ms
Loss rate: 1.36%
-- Flow 2:
Average throughput: 4.41 Mbit/s
95th percentile per-packet one-way delay: 53.577 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 3.66 Mbit/s
95th percentile per-packet one-way delay: 52.536 ms
Loss rate: 0.28%
```

Run 3: Report of PCC — Data Link

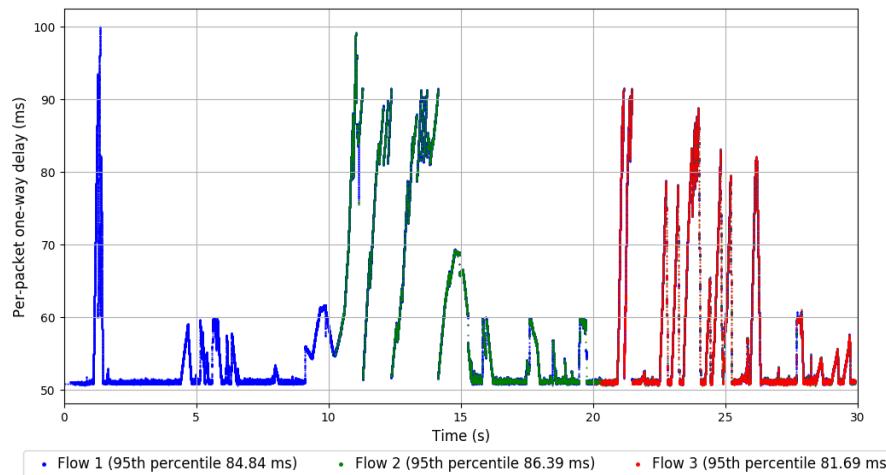
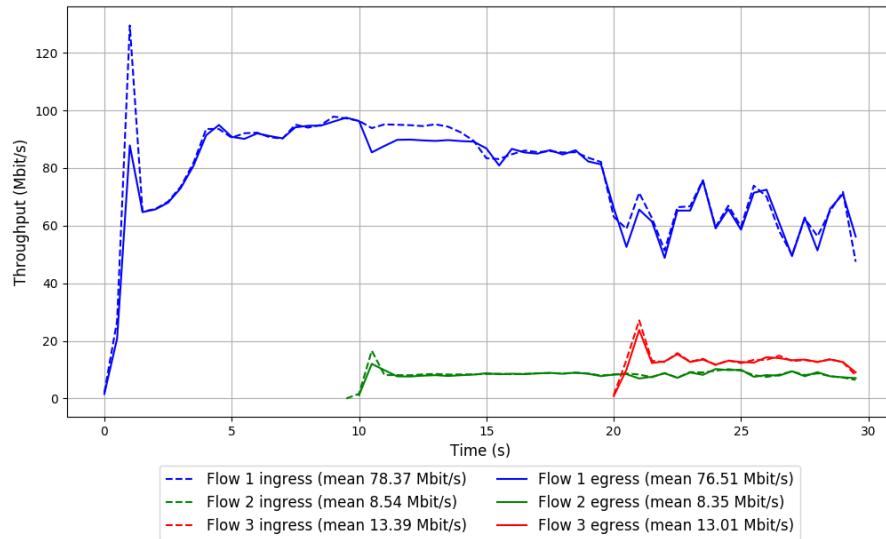


Run 4: Statistics of PCC

```
Start at: Mon, 31 Jul 2017 23:31:19 +0000
End at: Mon, 31 Jul 2017 23:31:49 +0000
Local clock offset: 0.377 ms
Remote clock offset: 1.27 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:46:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.31 Mbit/s
95th percentile per-packet one-way delay: 84.854 ms
Loss rate: 2.40%
-- Flow 1:
Average throughput: 76.51 Mbit/s
95th percentile per-packet one-way delay: 84.843 ms
Loss rate: 2.37%
-- Flow 2:
Average throughput: 8.35 Mbit/s
95th percentile per-packet one-way delay: 86.392 ms
Loss rate: 2.34%
-- Flow 3:
Average throughput: 13.01 Mbit/s
95th percentile per-packet one-way delay: 81.694 ms
Loss rate: 2.85%
```

Run 4: Report of PCC — Data Link

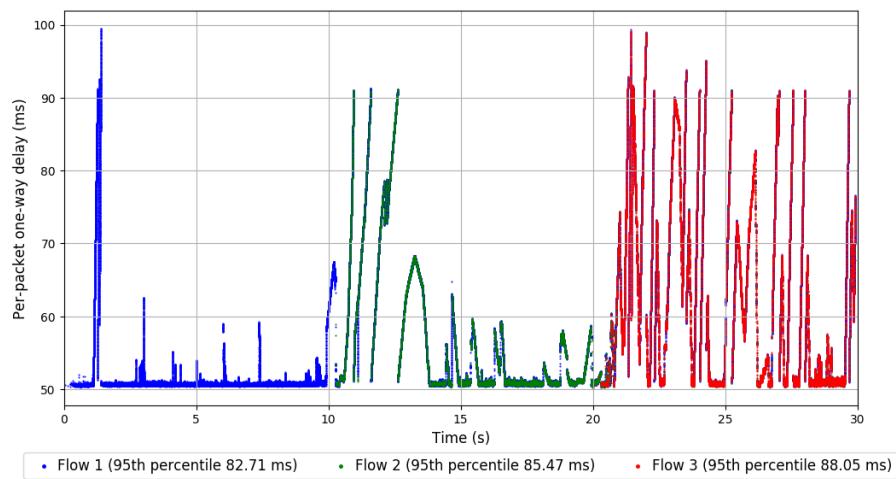
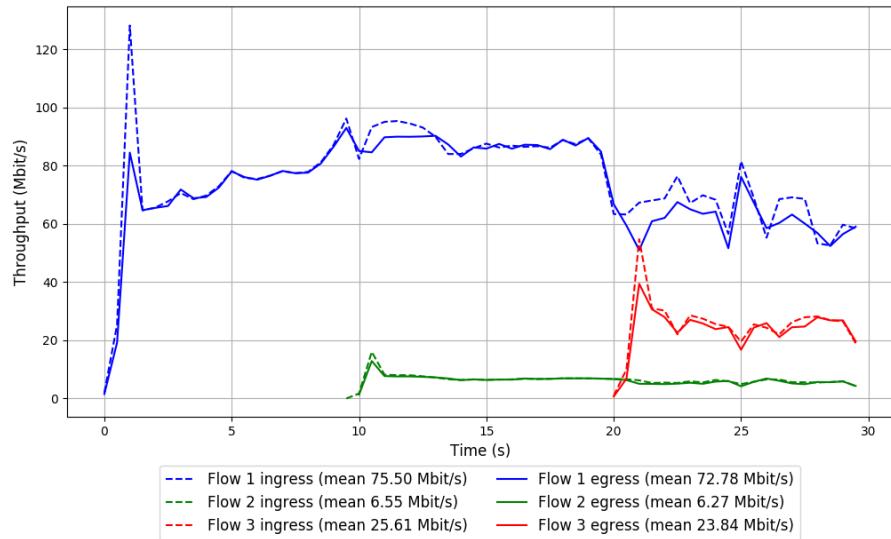


Run 5: Statistics of PCC

```
Start at: Mon, 31 Jul 2017 23:52:10 +0000
End at: Mon, 31 Jul 2017 23:52:40 +0000
Local clock offset: 0.539 ms
Remote clock offset: 0.974 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:46:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.78 Mbit/s
95th percentile per-packet one-way delay: 83.991 ms
Loss rate: 3.87%
-- Flow 1:
Average throughput: 72.78 Mbit/s
95th percentile per-packet one-way delay: 82.714 ms
Loss rate: 3.54%
-- Flow 2:
Average throughput: 6.27 Mbit/s
95th percentile per-packet one-way delay: 85.472 ms
Loss rate: 4.12%
-- Flow 3:
Average throughput: 23.84 Mbit/s
95th percentile per-packet one-way delay: 88.053 ms
Loss rate: 6.65%
```

Run 5: Report of PCC — Data Link

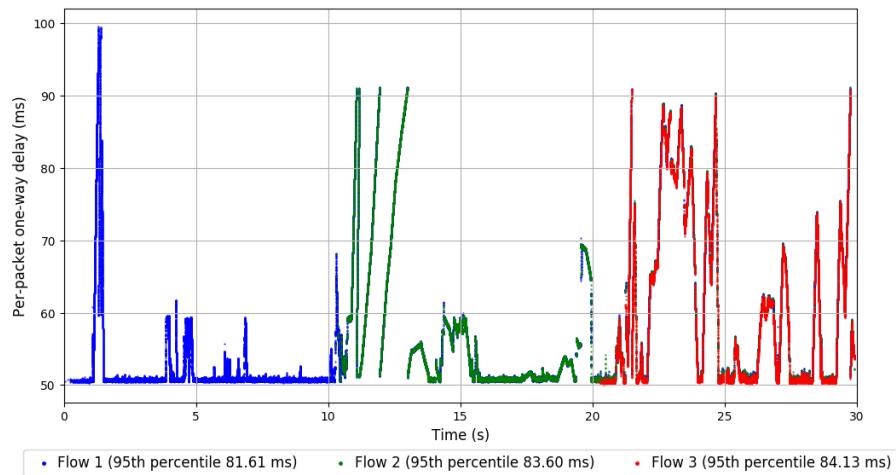
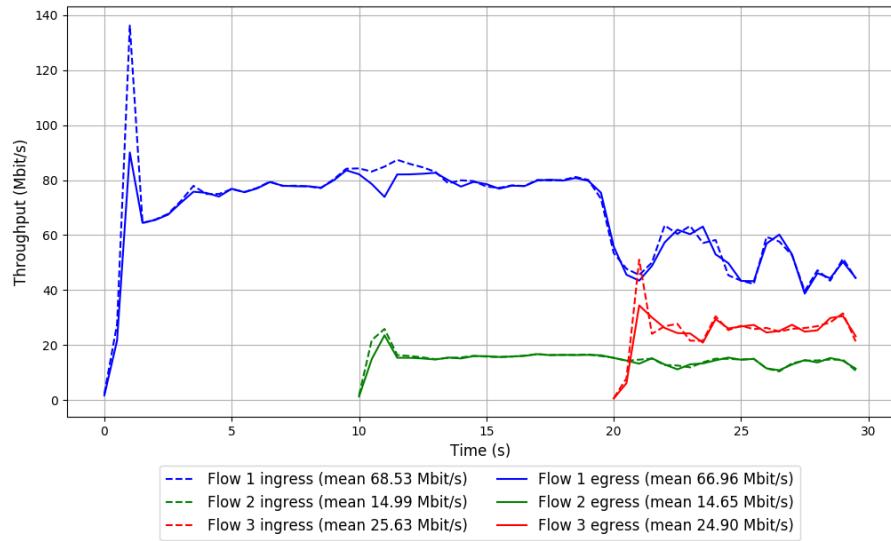


Run 6: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 00:13:36 +0000
End at: Tue, 01 Aug 2017 00:14:06 +0000
Local clock offset: 0.679 ms
Remote clock offset: 1.059 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:47:02 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.84 Mbit/s
95th percentile per-packet one-way delay: 82.197 ms
Loss rate: 2.33%
-- Flow 1:
Average throughput: 66.96 Mbit/s
95th percentile per-packet one-way delay: 81.605 ms
Loss rate: 2.27%
-- Flow 2:
Average throughput: 14.65 Mbit/s
95th percentile per-packet one-way delay: 83.602 ms
Loss rate: 2.29%
-- Flow 3:
Average throughput: 24.90 Mbit/s
95th percentile per-packet one-way delay: 84.128 ms
Loss rate: 2.81%
```

Run 6: Report of PCC — Data Link

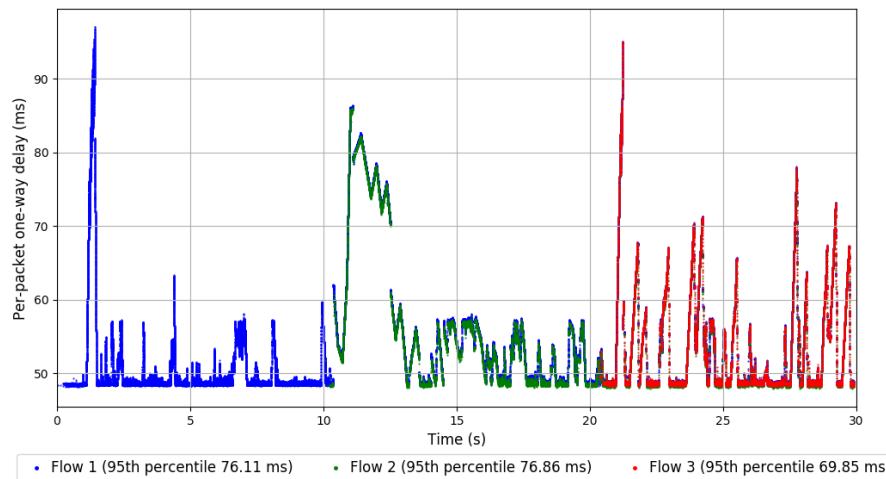
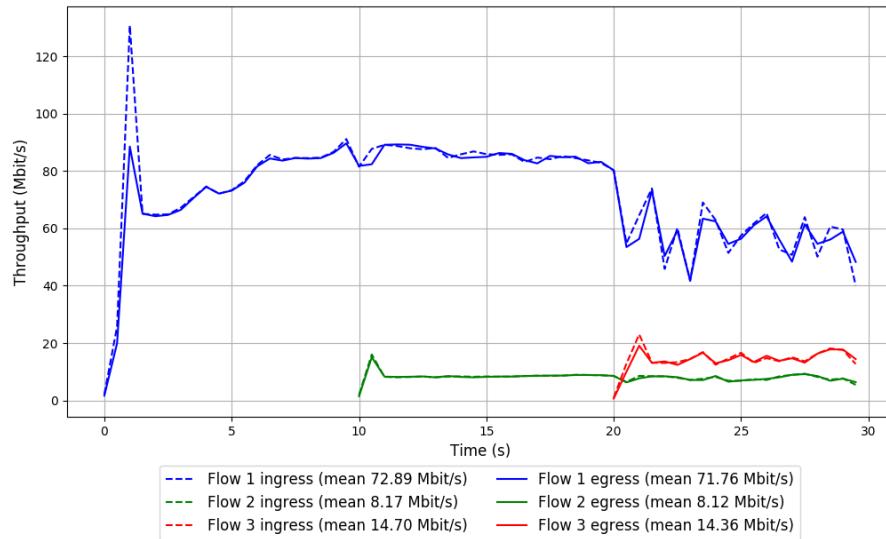


Run 7: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 00:34:45 +0000
End at: Tue, 01 Aug 2017 00:35:15 +0000
Local clock offset: 0.789 ms
Remote clock offset: -1.05 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:47:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 81.84 Mbit/s
95th percentile per-packet one-way delay: 75.989 ms
Loss rate: 1.54%
-- Flow 1:
Average throughput: 71.76 Mbit/s
95th percentile per-packet one-way delay: 76.113 ms
Loss rate: 1.55%
-- Flow 2:
Average throughput: 8.12 Mbit/s
95th percentile per-packet one-way delay: 76.856 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 14.36 Mbit/s
95th percentile per-packet one-way delay: 69.854 ms
Loss rate: 2.35%
```

Run 7: Report of PCC — Data Link

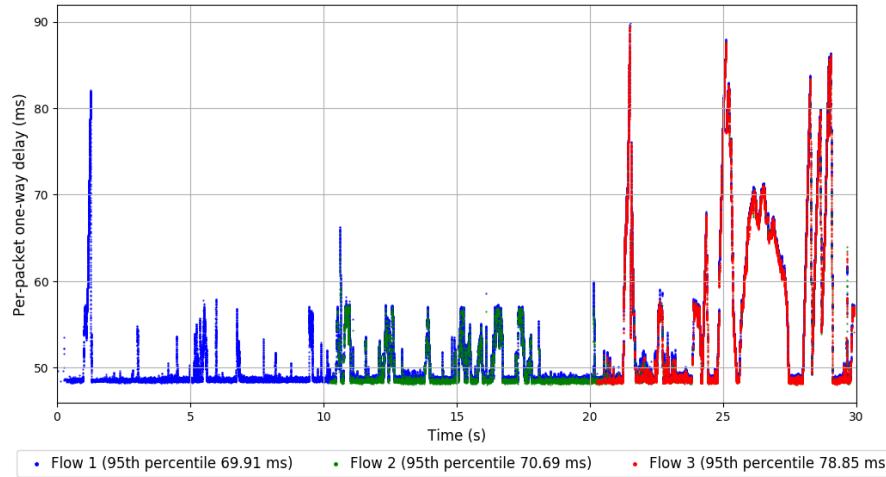
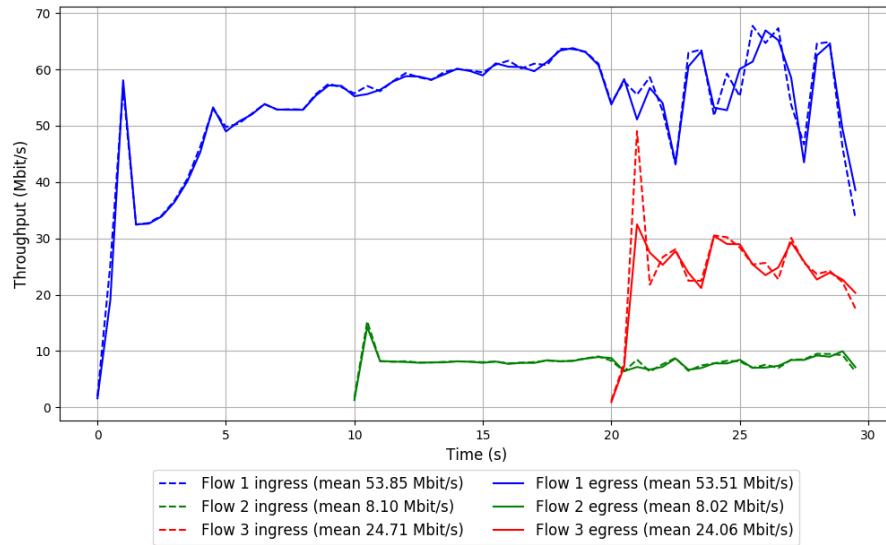


Run 8: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 00:55:49 +0000
End at: Tue, 01 Aug 2017 00:56:19 +0000
Local clock offset: 0.76 ms
Remote clock offset: -1.153 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:47:12 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 66.77 Mbit/s
95th percentile per-packet one-way delay: 70.833 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 53.51 Mbit/s
95th percentile per-packet one-way delay: 69.913 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 8.02 Mbit/s
95th percentile per-packet one-way delay: 70.687 ms
Loss rate: 0.97%
-- Flow 3:
Average throughput: 24.06 Mbit/s
95th percentile per-packet one-way delay: 78.848 ms
Loss rate: 2.60%
```

Run 8: Report of PCC — Data Link

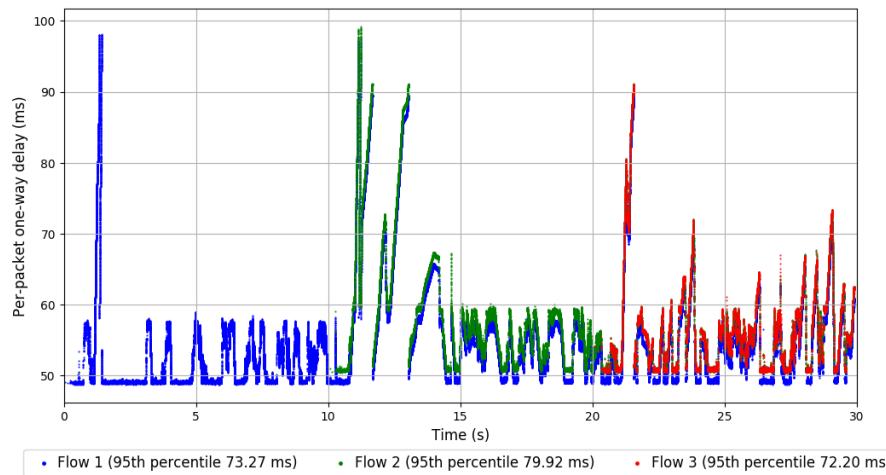
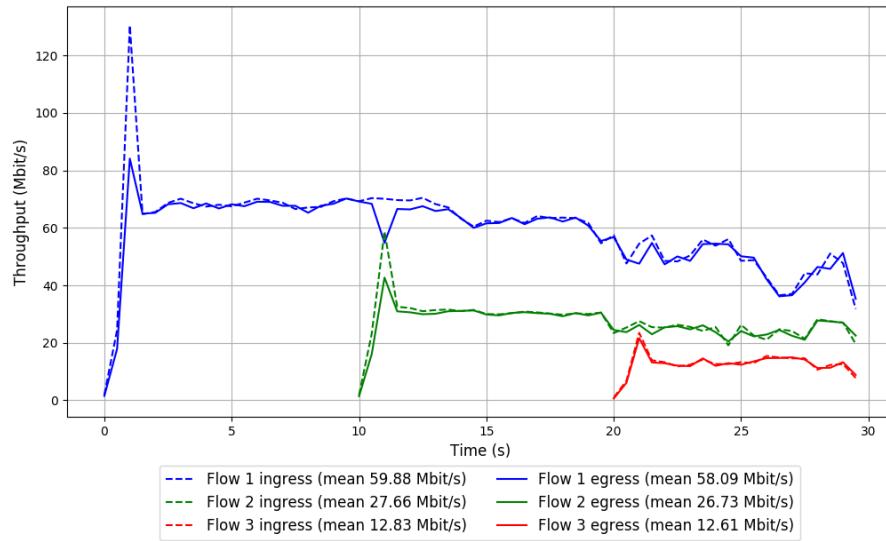


Run 9: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 01:17:45 +0000
End at: Tue, 01 Aug 2017 01:18:15 +0000
Local clock offset: 0.808 ms
Remote clock offset: 1.04 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:47:18 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.98 Mbit/s
95th percentile per-packet one-way delay: 75.110 ms
Loss rate: 2.97%
-- Flow 1:
Average throughput: 58.09 Mbit/s
95th percentile per-packet one-way delay: 73.269 ms
Loss rate: 2.96%
-- Flow 2:
Average throughput: 26.73 Mbit/s
95th percentile per-packet one-way delay: 79.923 ms
Loss rate: 3.31%
-- Flow 3:
Average throughput: 12.61 Mbit/s
95th percentile per-packet one-way delay: 72.203 ms
Loss rate: 1.61%
```

Run 9: Report of PCC — Data Link

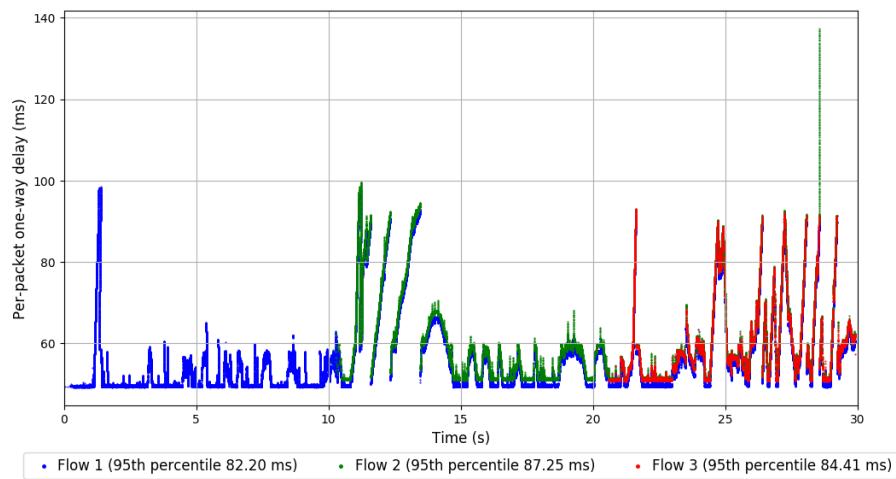
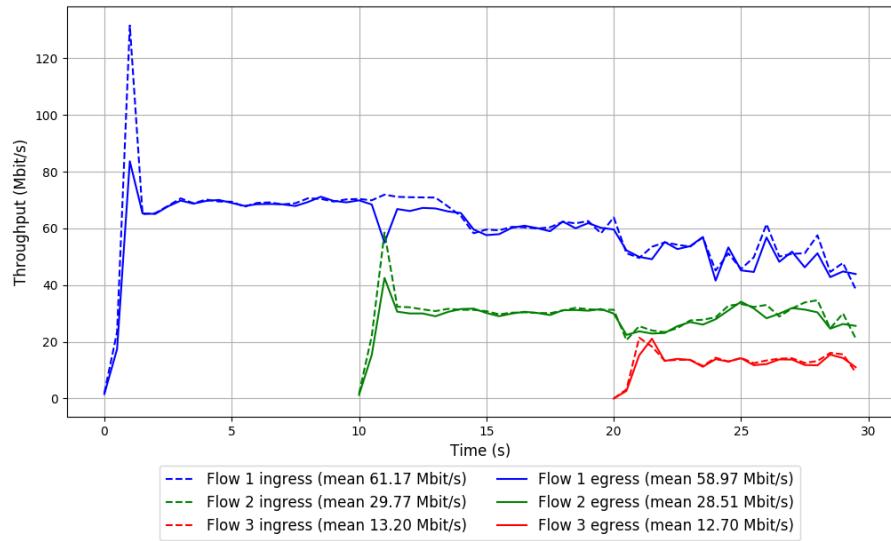


Run 10: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 01:40:08 +0000
End at: Tue, 01 Aug 2017 01:40:38 +0000
Local clock offset: 0.715 ms
Remote clock offset: 1.03 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:47:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 82.07 Mbit/s
95th percentile per-packet one-way delay: 83.857 ms
Loss rate: 3.73%
-- Flow 1:
Average throughput: 58.97 Mbit/s
95th percentile per-packet one-way delay: 82.200 ms
Loss rate: 3.57%
-- Flow 2:
Average throughput: 28.51 Mbit/s
95th percentile per-packet one-way delay: 87.245 ms
Loss rate: 4.21%
-- Flow 3:
Average throughput: 12.70 Mbit/s
95th percentile per-packet one-way delay: 84.413 ms
Loss rate: 3.79%
```

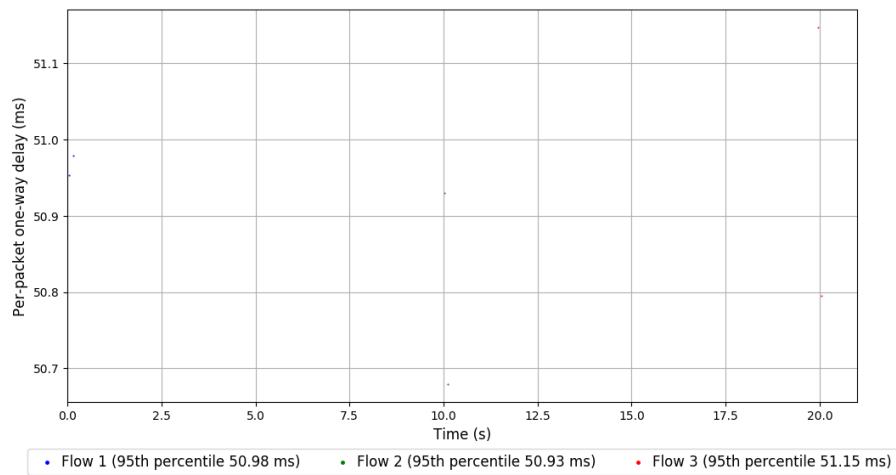
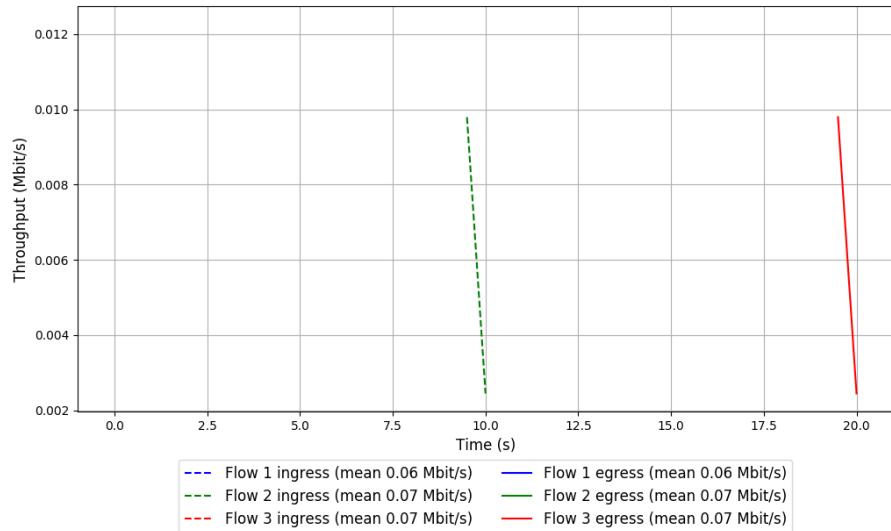
Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: Mon, 31 Jul 2017 22:25:51 +0000
End at: Mon, 31 Jul 2017 22:26:21 +0000
Local clock offset: 0.477 ms
Remote clock offset: 0.149 ms

Run 1: Report of QUIC Cubic — Data Link

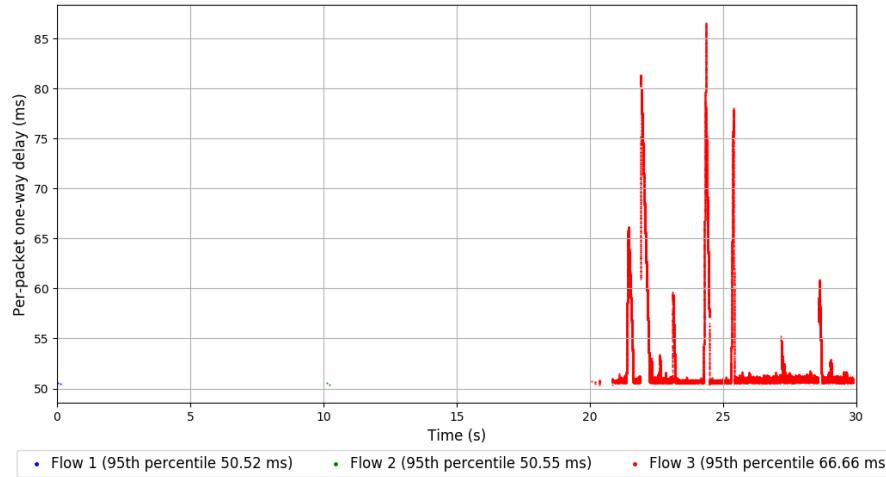
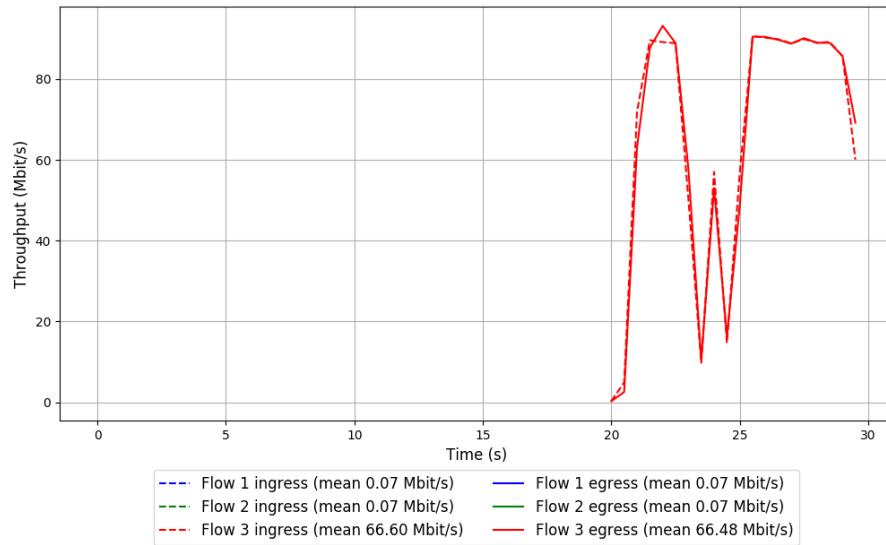


Run 2: Statistics of QUIC Cubic

```
Start at: Mon, 31 Jul 2017 22:46:47 +0000
End at: Mon, 31 Jul 2017 22:47:17 +0000
Local clock offset: 0.562 ms
Remote clock offset: 0.332 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:47:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 21.86 Mbit/s
95th percentile per-packet one-way delay: 66.656 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 50.523 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 50.550 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 66.48 Mbit/s
95th percentile per-packet one-way delay: 66.656 ms
Loss rate: 0.19%
```

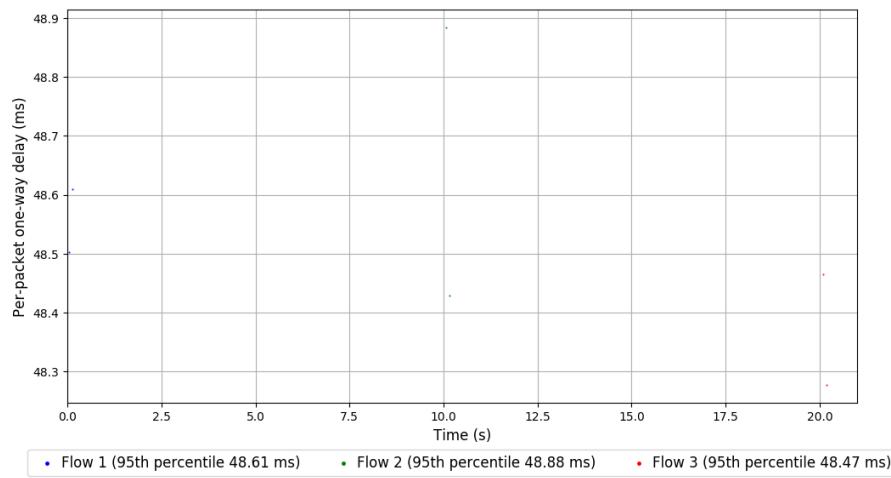
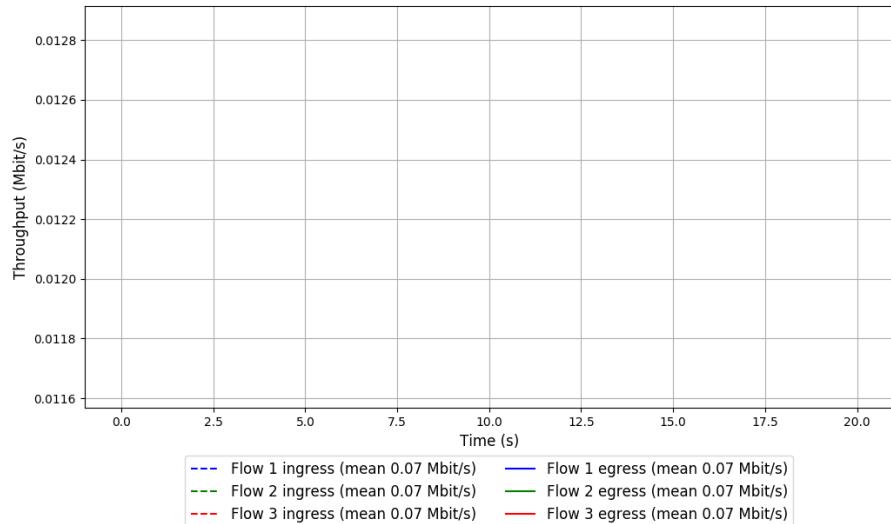
Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: Mon, 31 Jul 2017 23:07:43 +0000
End at: Mon, 31 Jul 2017 23:08:13 +0000
Local clock offset: 0.535 ms
Remote clock offset: -1.479 ms

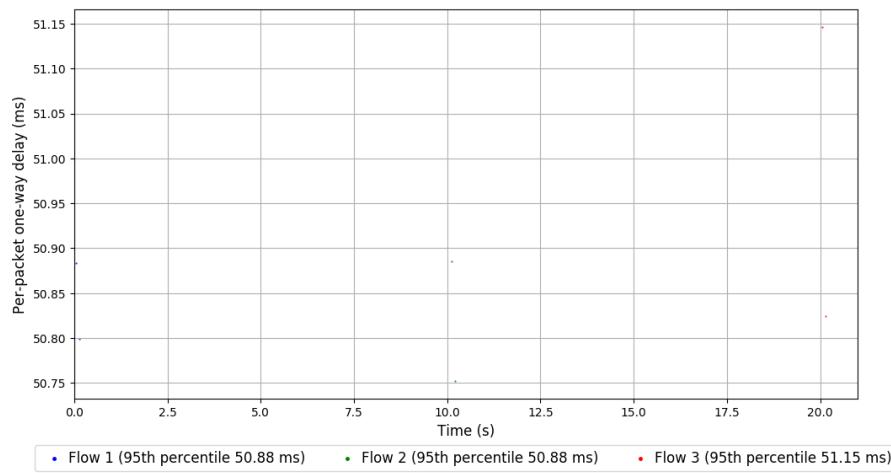
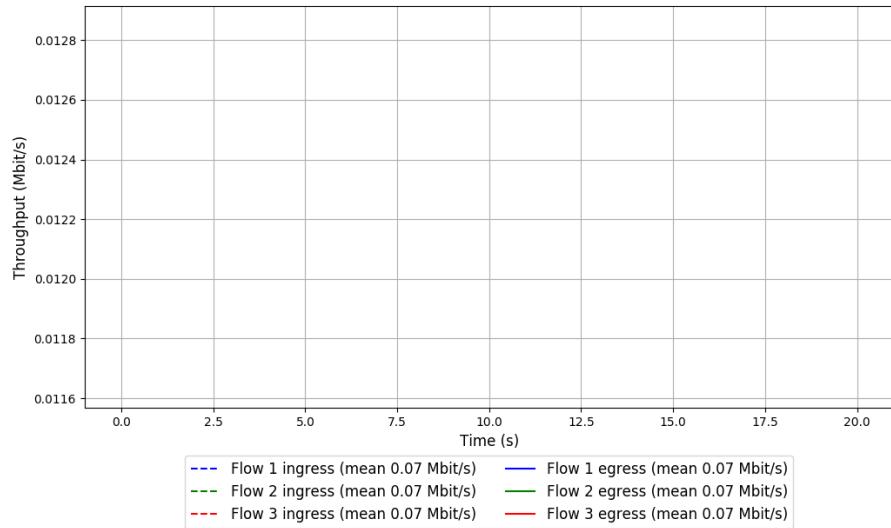
Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: Mon, 31 Jul 2017 23:28:32 +0000
End at: Mon, 31 Jul 2017 23:29:02 +0000
Local clock offset: 0.489 ms
Remote clock offset: 1.262 ms

Run 4: Report of QUIC Cubic — Data Link

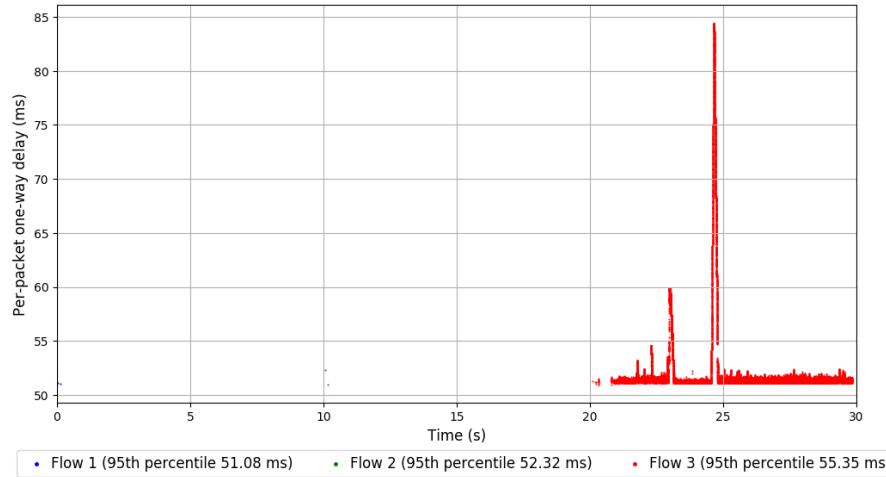
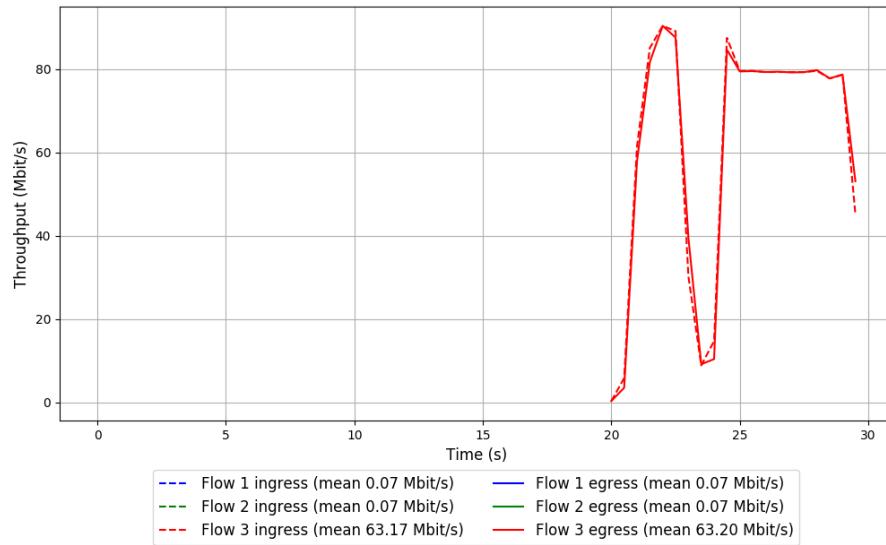


Run 5: Statistics of QUIC Cubic

```
Start at: Mon, 31 Jul 2017 23:49:21 +0000
End at: Mon, 31 Jul 2017 23:49:51 +0000
Local clock offset: 0.436 ms
Remote clock offset: 1.491 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:47:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 20.66 Mbit/s
95th percentile per-packet one-way delay: 55.350 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 51.077 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 52.317 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 63.20 Mbit/s
95th percentile per-packet one-way delay: 55.350 ms
Loss rate: 0.04%
```

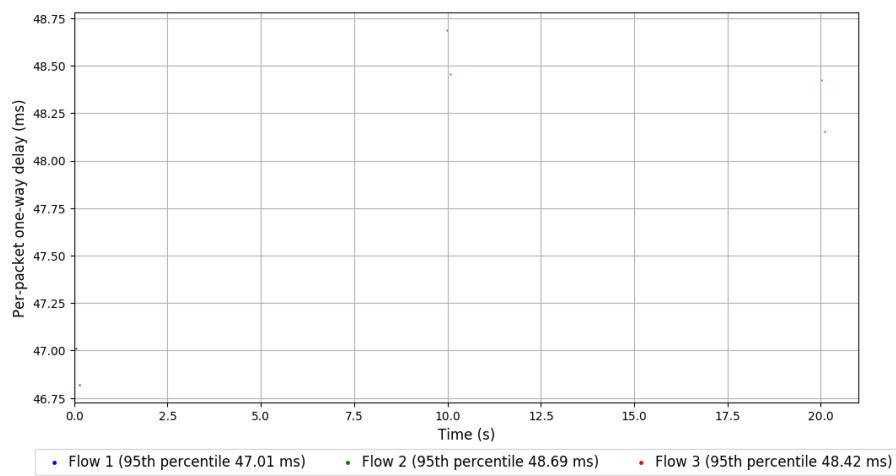
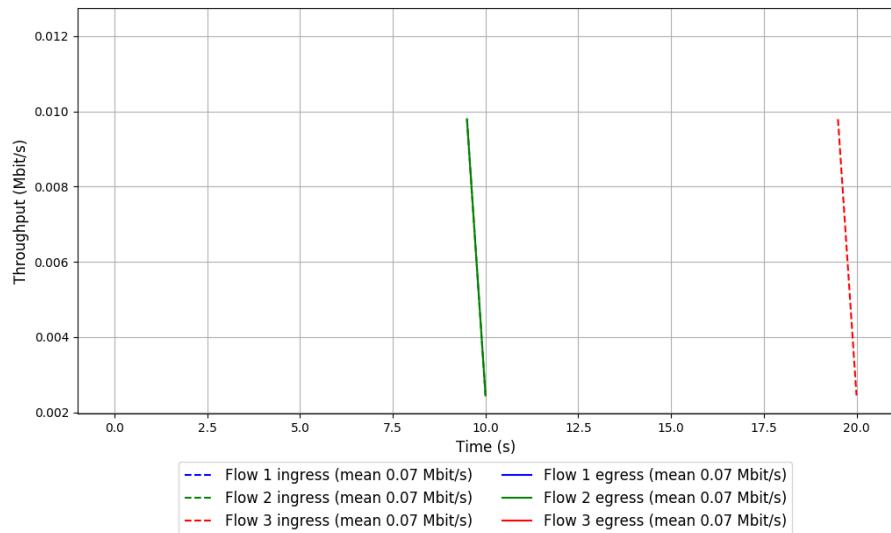
Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: Tue, 01 Aug 2017 00:10:39 +0000
End at: Tue, 01 Aug 2017 00:11:09 +0000
Local clock offset: 0.69 ms
Remote clock offset: -0.958 ms

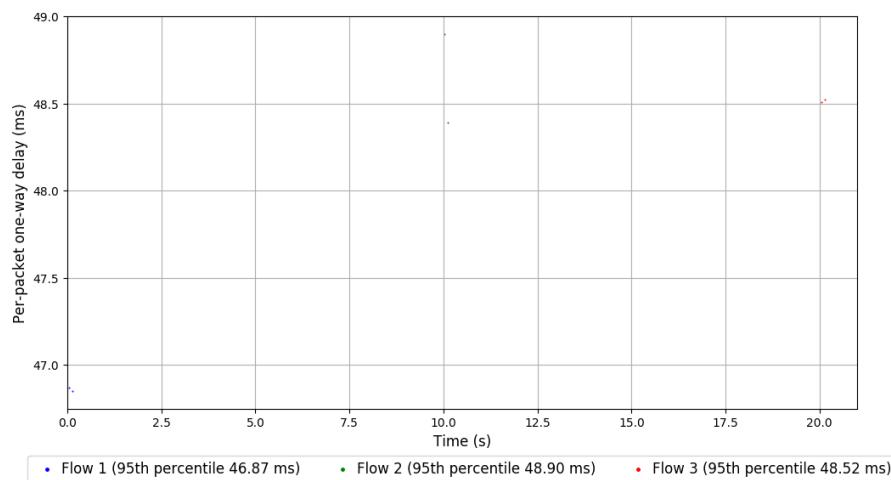
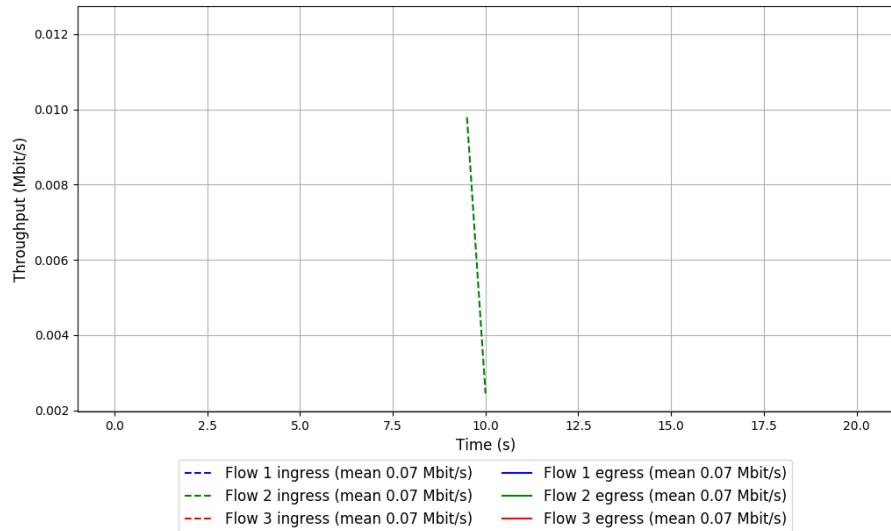
Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: Tue, 01 Aug 2017 00:31:52 +0000
End at: Tue, 01 Aug 2017 00:32:22 +0000
Local clock offset: 0.687 ms
Remote clock offset: -0.923 ms

Run 7: Report of QUIC Cubic — Data Link

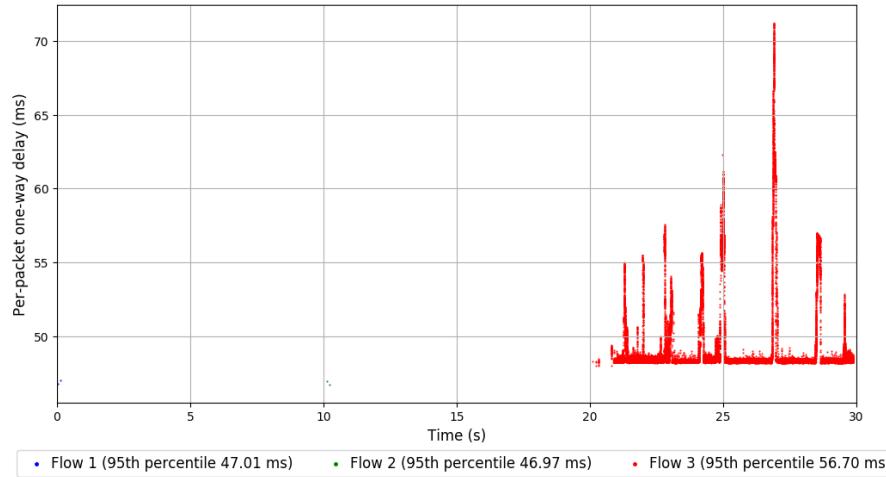
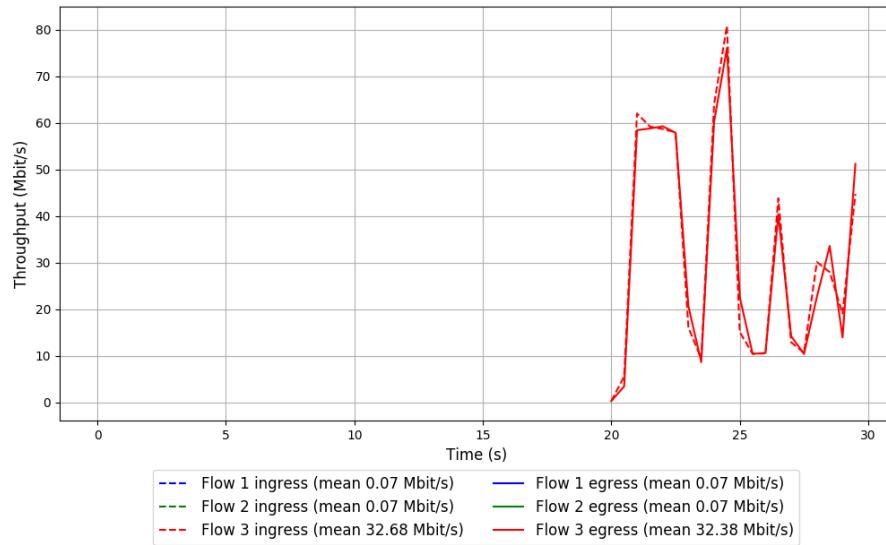


Run 8: Statistics of QUIC Cubic

```
Start at: Tue, 01 Aug 2017 00:53:00 +0000
End at: Tue, 01 Aug 2017 00:53:30 +0000
Local clock offset: 0.761 ms
Remote clock offset: -1.143 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:47:32 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 10.61 Mbit/s
95th percentile per-packet one-way delay: 56.697 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 47.010 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 46.967 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 32.38 Mbit/s
95th percentile per-packet one-way delay: 56.697 ms
Loss rate: 0.91%
```

Run 8: Report of QUIC Cubic — Data Link

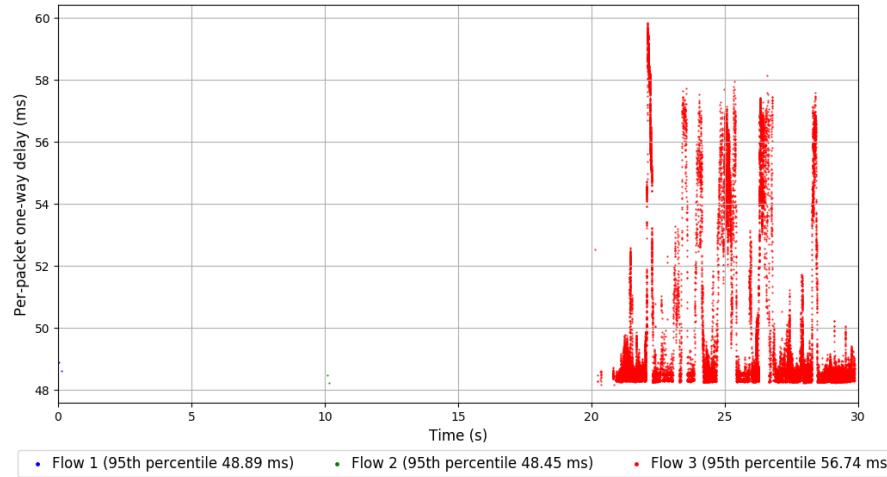
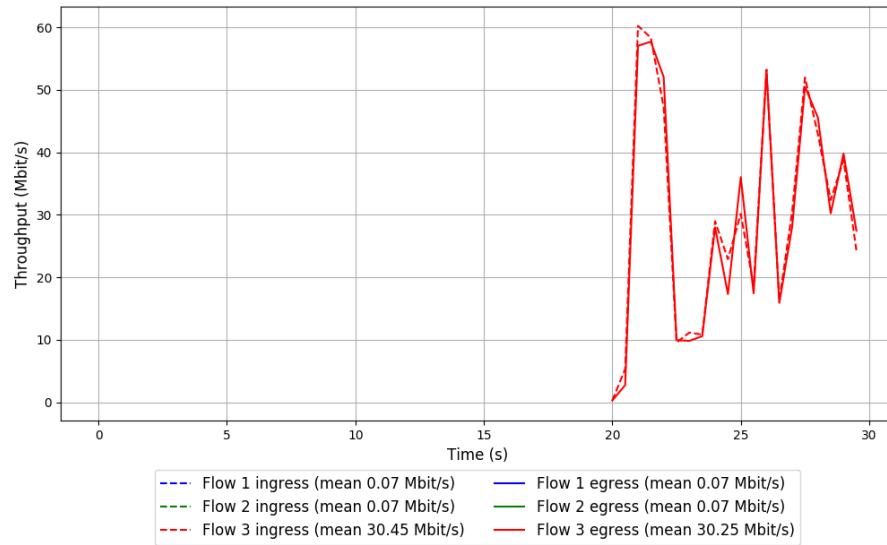


Run 9: Statistics of QUIC Cubic

```
Start at: Tue, 01 Aug 2017 01:14:47 +0000
End at: Tue, 01 Aug 2017 01:15:17 +0000
Local clock offset: 0.739 ms
Remote clock offset: -1.11 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:47:33 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 9.89 Mbit/s
95th percentile per-packet one-way delay: 56.736 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 48.891 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 48.453 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.25 Mbit/s
95th percentile per-packet one-way delay: 56.736 ms
Loss rate: 0.71%
```

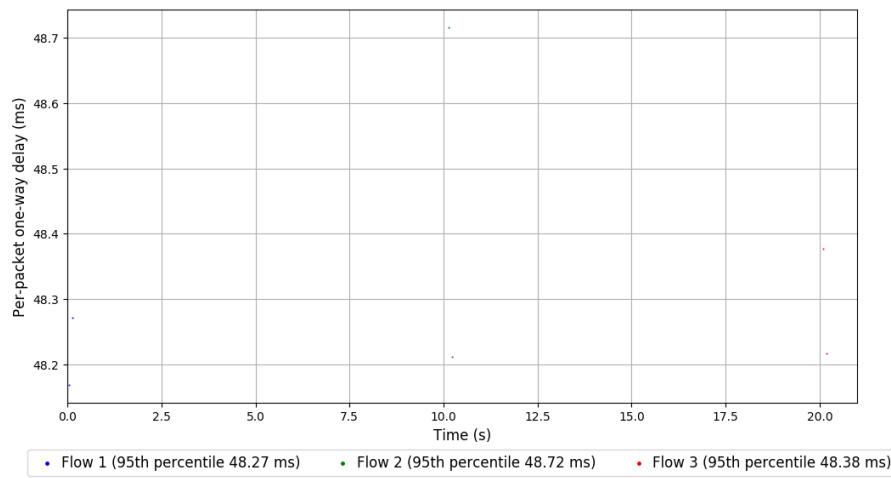
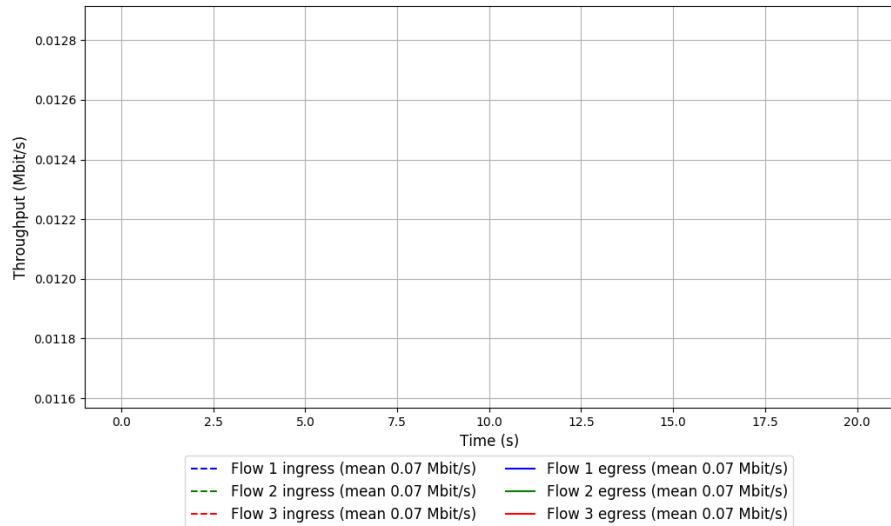
Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: Tue, 01 Aug 2017 01:37:13 +0000
End at: Tue, 01 Aug 2017 01:37:43 +0000
Local clock offset: 0.693 ms
Remote clock offset: -1.422 ms

Run 10: Report of QUIC Cubic — Data Link

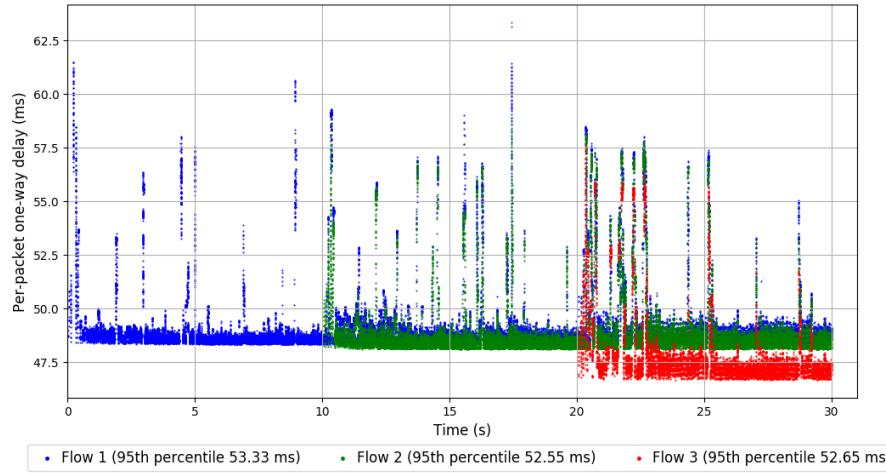
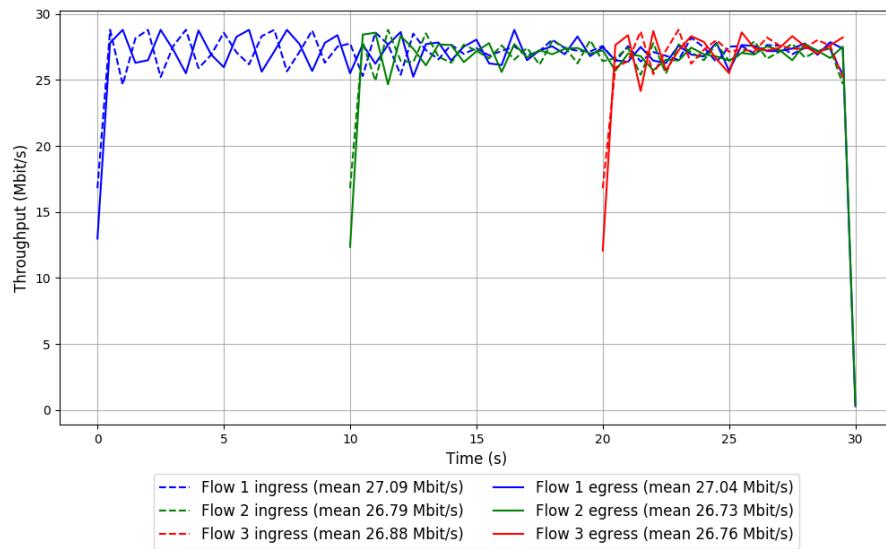


Run 1: Statistics of Saturator

```
Start at: Mon, 31 Jul 2017 22:20:13 +0000
End at: Mon, 31 Jul 2017 22:20:43 +0000
Local clock offset: 0.593 ms
Remote clock offset: -2.482 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:47:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.71 Mbit/s
95th percentile per-packet one-way delay: 52.881 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 27.04 Mbit/s
95th percentile per-packet one-way delay: 53.326 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 26.73 Mbit/s
95th percentile per-packet one-way delay: 52.555 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 26.76 Mbit/s
95th percentile per-packet one-way delay: 52.647 ms
Loss rate: 0.42%
```

Run 1: Report of Saturator — Data Link

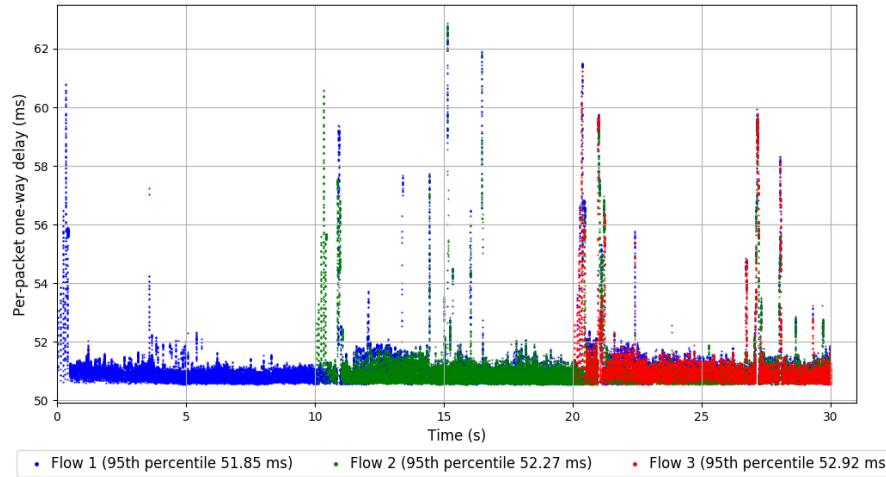
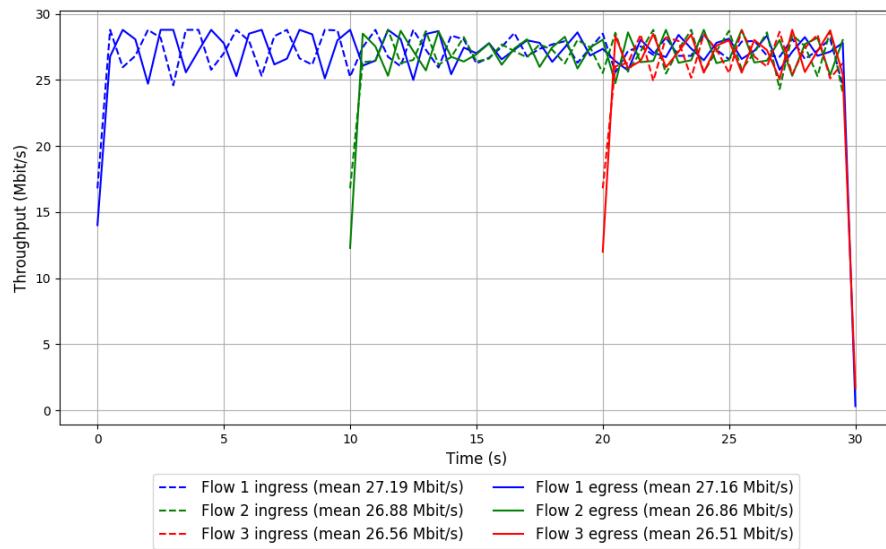


Run 2: Statistics of Saturator

```
Start at: Mon, 31 Jul 2017 22:41:11 +0000
End at: Mon, 31 Jul 2017 22:41:41 +0000
Local clock offset: 0.545 ms
Remote clock offset: 0.207 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:47:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.82 Mbit/s
95th percentile per-packet one-way delay: 52.031 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 27.16 Mbit/s
95th percentile per-packet one-way delay: 51.853 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 26.86 Mbit/s
95th percentile per-packet one-way delay: 52.267 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 26.51 Mbit/s
95th percentile per-packet one-way delay: 52.922 ms
Loss rate: 0.15%
```

Run 2: Report of Saturator — Data Link

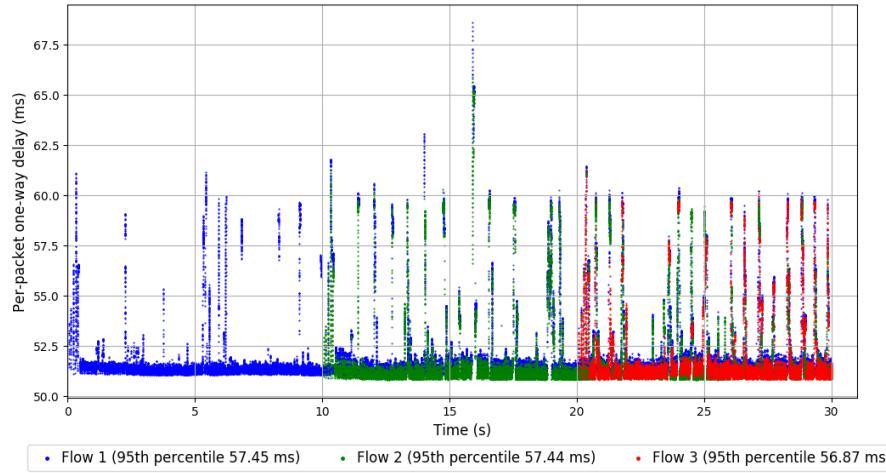
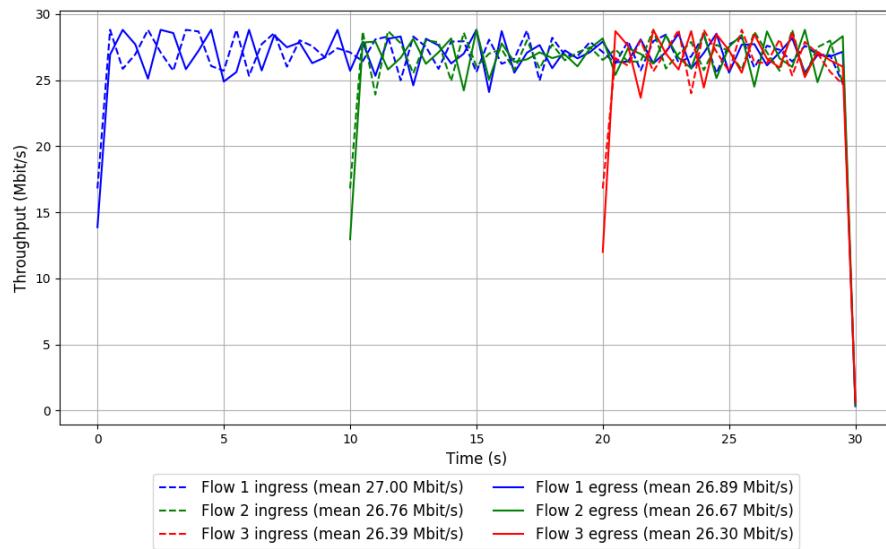


Run 3: Statistics of Saturator

```
Start at: Mon, 31 Jul 2017 23:02:07 +0000
End at: Mon, 31 Jul 2017 23:02:37 +0000
Local clock offset: 0.56 ms
Remote clock offset: 1.067 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:47:48 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.38 Mbit/s
95th percentile per-packet one-way delay: 57.288 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 26.89 Mbit/s
95th percentile per-packet one-way delay: 57.451 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 26.67 Mbit/s
95th percentile per-packet one-way delay: 57.441 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 26.30 Mbit/s
95th percentile per-packet one-way delay: 56.872 ms
Loss rate: 0.35%
```

Run 3: Report of Saturator — Data Link

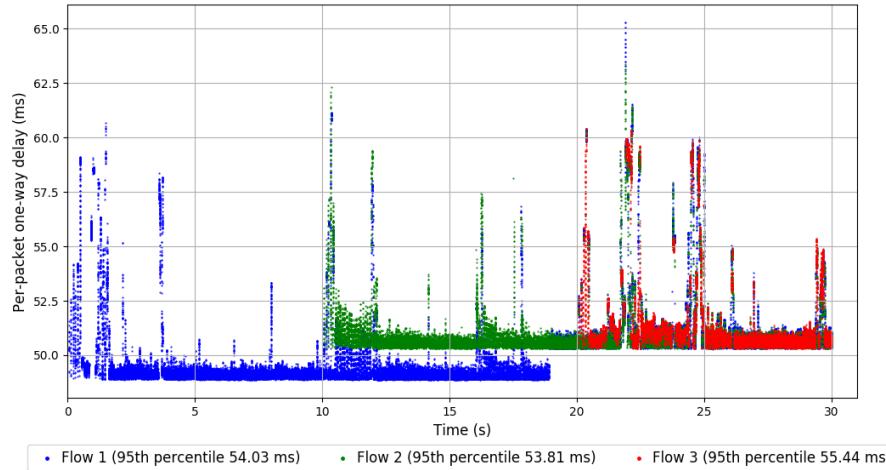
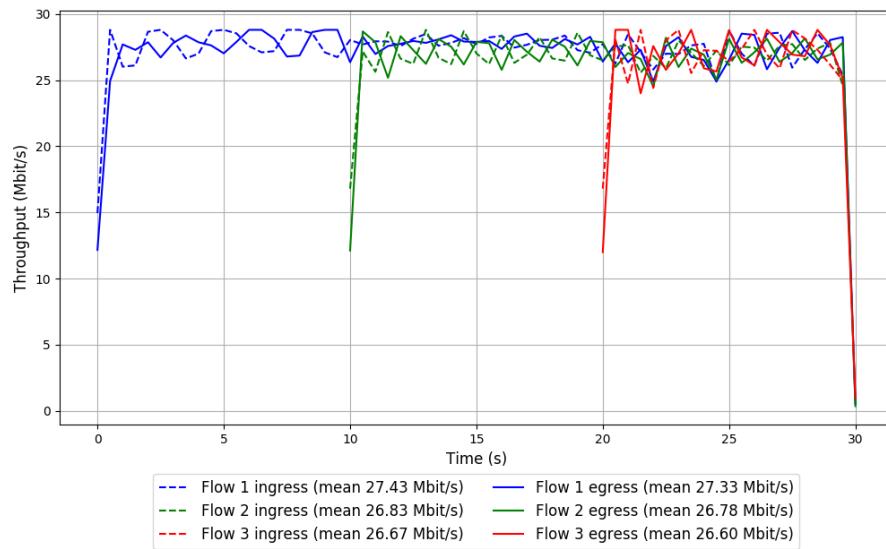


Run 4: Statistics of Saturator

```
Start at: Mon, 31 Jul 2017 23:22:58 +0000
End at: Mon, 31 Jul 2017 23:23:28 +0000
Local clock offset: 0.402 ms
Remote clock offset: 0.726 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:47:49 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.99 Mbit/s
95th percentile per-packet one-way delay: 54.504 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 27.33 Mbit/s
95th percentile per-packet one-way delay: 54.026 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 26.78 Mbit/s
95th percentile per-packet one-way delay: 53.809 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 26.60 Mbit/s
95th percentile per-packet one-way delay: 55.437 ms
Loss rate: 0.28%
```

Run 4: Report of Saturator — Data Link

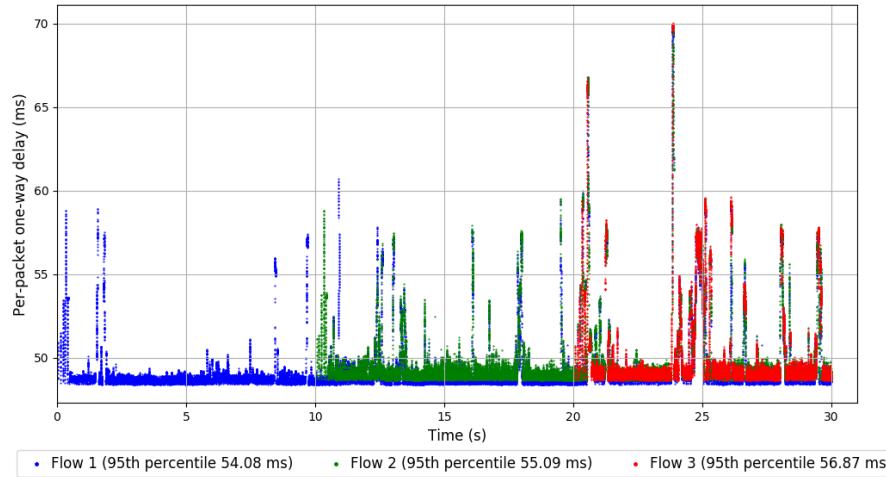
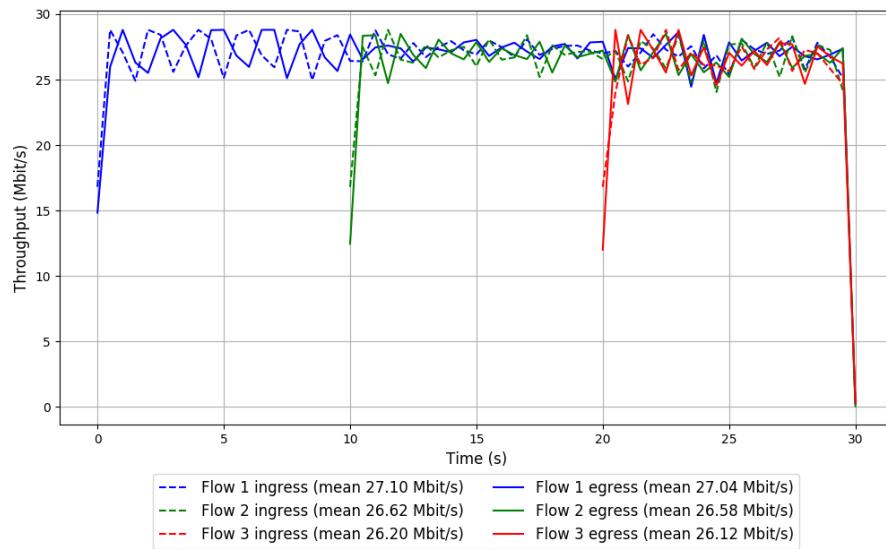


Run 5: Statistics of Saturator

```
Start at: Mon, 31 Jul 2017 23:43:45 +0000
End at: Mon, 31 Jul 2017 23:44:15 +0000
Local clock offset: 0.39 ms
Remote clock offset: -1.08 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:47:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.40 Mbit/s
95th percentile per-packet one-way delay: 55.167 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 27.04 Mbit/s
95th percentile per-packet one-way delay: 54.084 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 26.58 Mbit/s
95th percentile per-packet one-way delay: 55.086 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 26.12 Mbit/s
95th percentile per-packet one-way delay: 56.866 ms
Loss rate: 0.30%
```

Run 5: Report of Saturator — Data Link

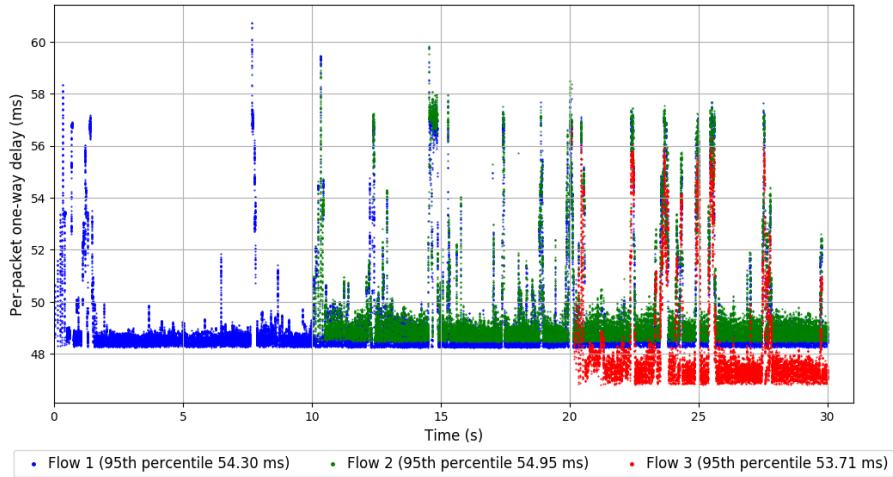
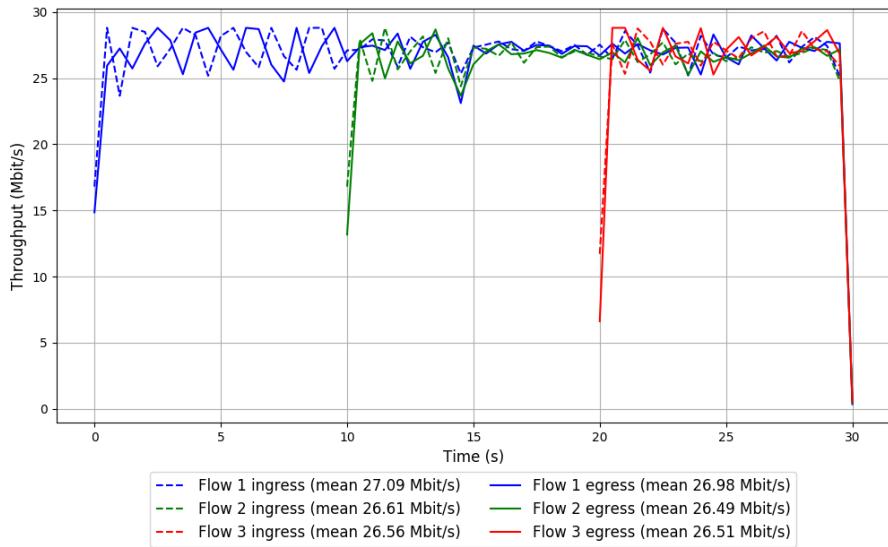


Run 6: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 00:04:53 +0000
End at: Tue, 01 Aug 2017 00:05:23 +0000
Local clock offset: 0.604 ms
Remote clock offset: -1.015 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:47:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.42 Mbit/s
95th percentile per-packet one-way delay: 54.298 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 26.98 Mbit/s
95th percentile per-packet one-way delay: 54.301 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 26.49 Mbit/s
95th percentile per-packet one-way delay: 54.950 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 26.51 Mbit/s
95th percentile per-packet one-way delay: 53.709 ms
Loss rate: 0.25%
```

Run 6: Report of Saturator — Data Link

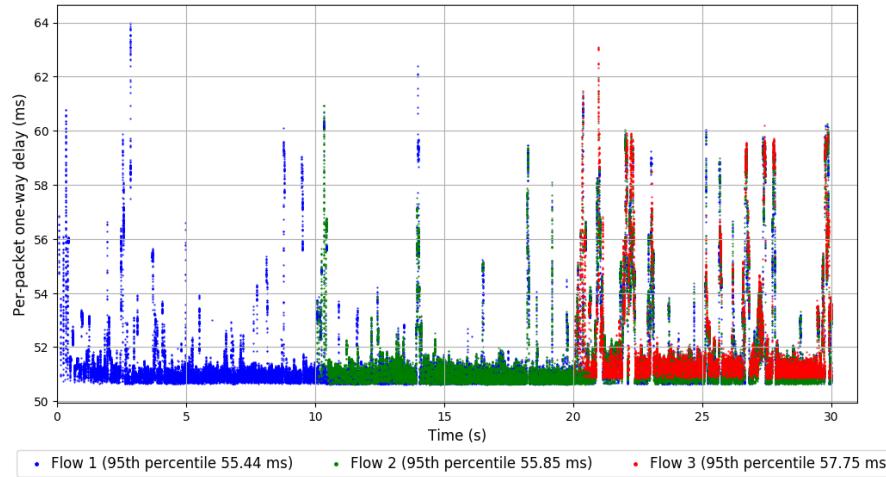
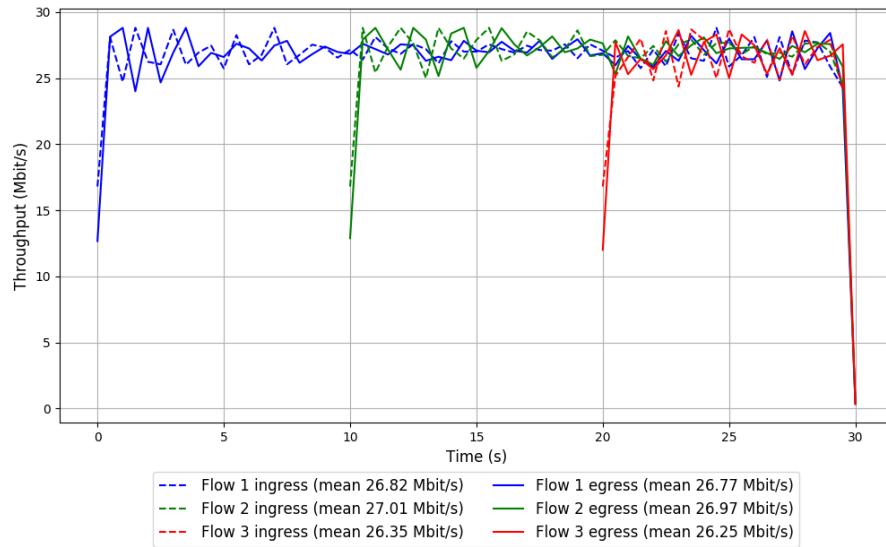


Run 7: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 00:26:11 +0000
End at: Tue, 01 Aug 2017 00:26:41 +0000
Local clock offset: 0.762 ms
Remote clock offset: 1.479 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:48:05 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.45 Mbit/s
95th percentile per-packet one-way delay: 55.915 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 26.77 Mbit/s
95th percentile per-packet one-way delay: 55.438 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 26.97 Mbit/s
95th percentile per-packet one-way delay: 55.849 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 26.25 Mbit/s
95th percentile per-packet one-way delay: 57.749 ms
Loss rate: 0.37%
```

Run 7: Report of Saturator — Data Link

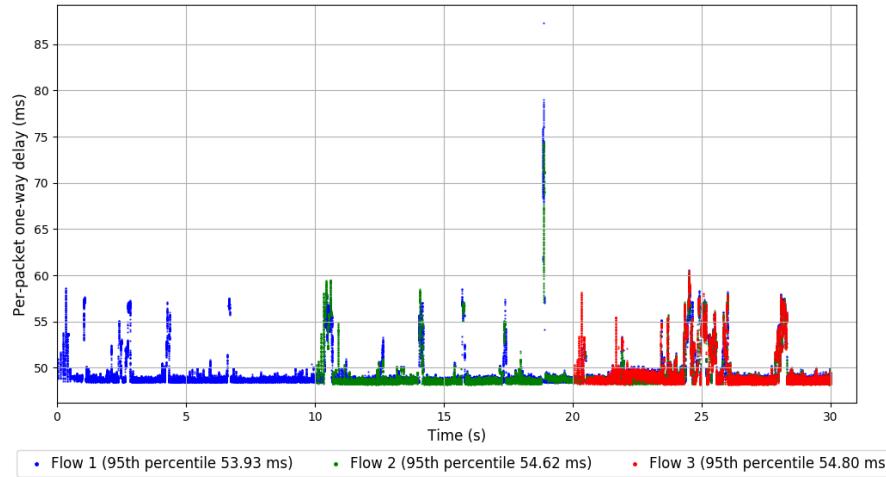
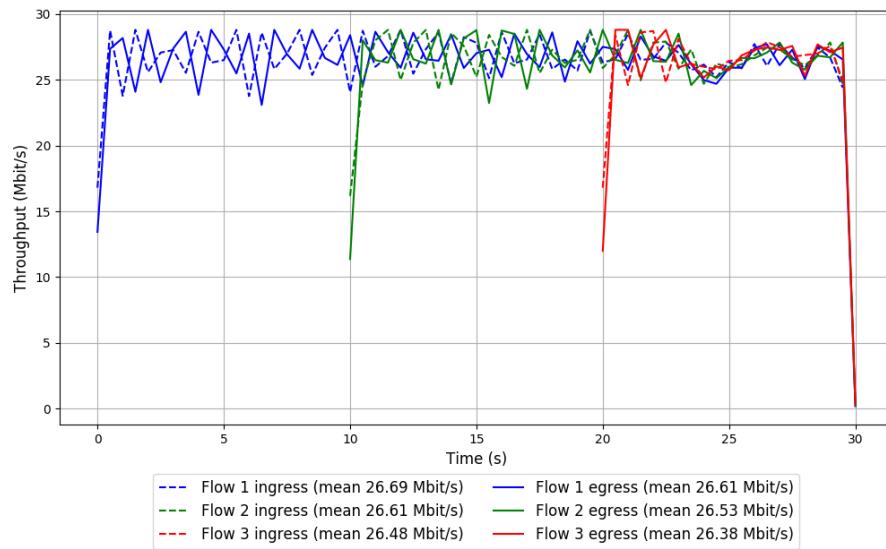


Run 8: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 00:47:23 +0000
End at: Tue, 01 Aug 2017 00:47:53 +0000
Local clock offset: 0.856 ms
Remote clock offset: -1.042 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:48:05 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.03 Mbit/s
95th percentile per-packet one-way delay: 54.389 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 26.61 Mbit/s
95th percentile per-packet one-way delay: 53.927 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 26.53 Mbit/s
95th percentile per-packet one-way delay: 54.625 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 26.38 Mbit/s
95th percentile per-packet one-way delay: 54.801 ms
Loss rate: 0.37%
```

Run 8: Report of Saturator — Data Link

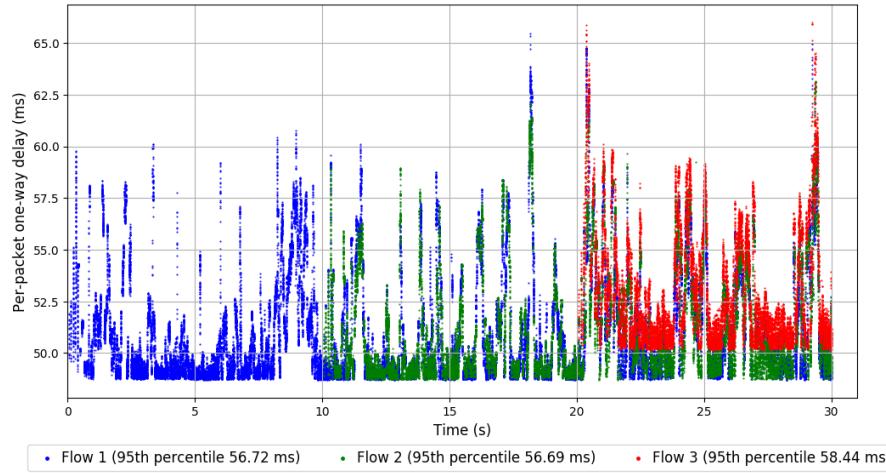
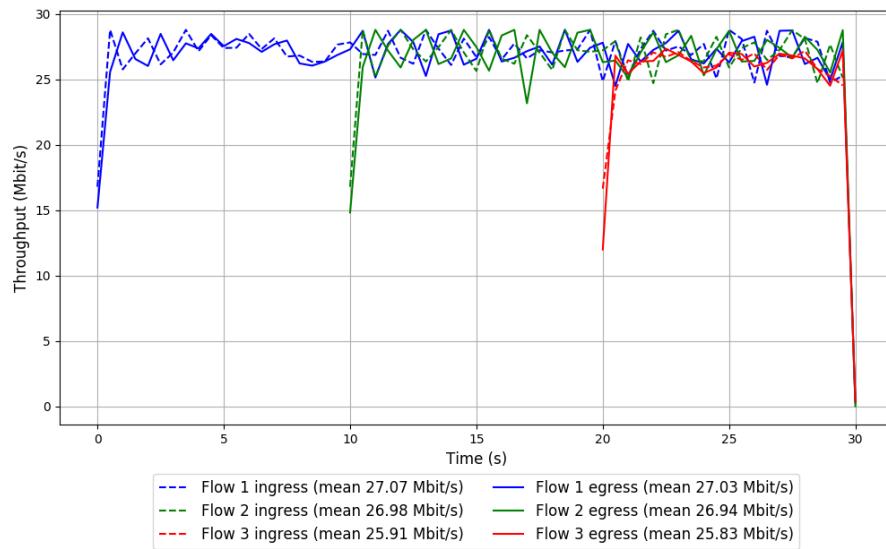


Run 9: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 01:08:53 +0000
End at: Tue, 01 Aug 2017 01:09:23 +0000
Local clock offset: 0.836 ms
Remote clock offset: 0.879 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:48:13 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.54 Mbit/s
95th percentile per-packet one-way delay: 57.045 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 27.03 Mbit/s
95th percentile per-packet one-way delay: 56.721 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 26.94 Mbit/s
95th percentile per-packet one-way delay: 56.687 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 25.83 Mbit/s
95th percentile per-packet one-way delay: 58.444 ms
Loss rate: 0.30%
```

Run 9: Report of Saturator — Data Link

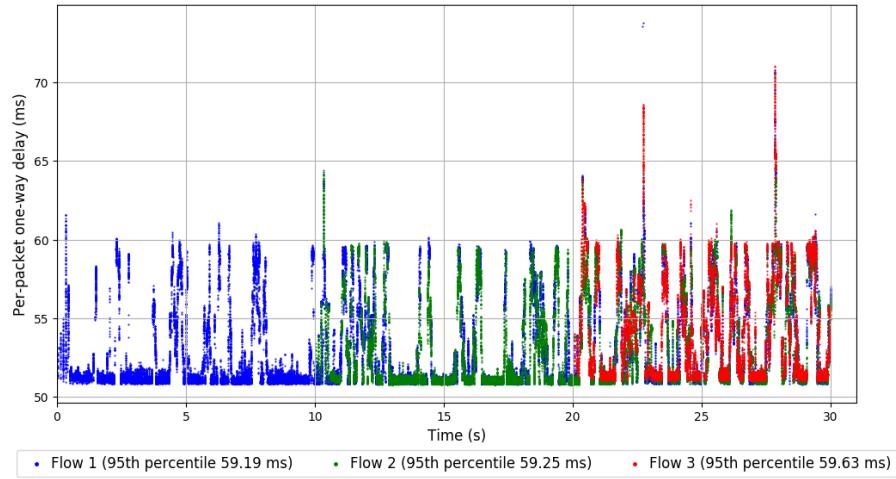
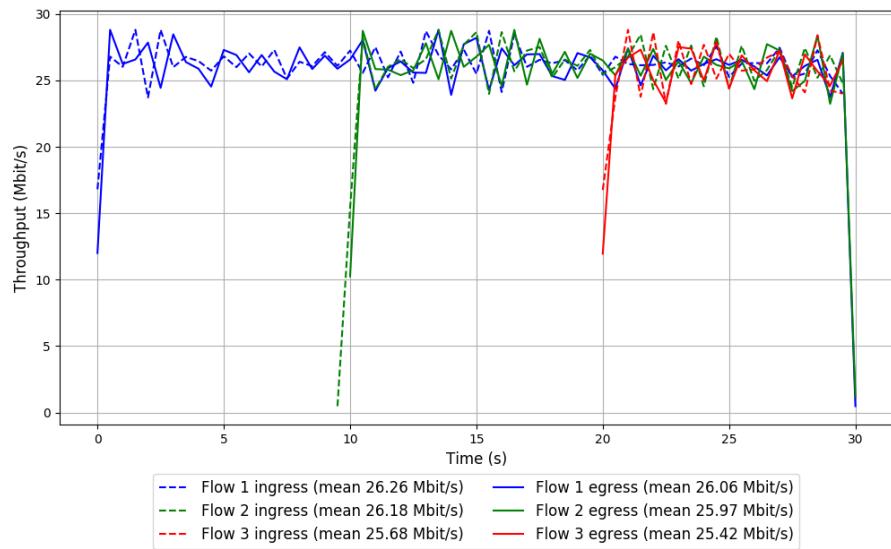


Run 10: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 01:30:57 +0000
End at: Tue, 01 Aug 2017 01:31:27 +0000
Local clock offset: 0.713 ms
Remote clock offset: 1.299 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:48:13 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 51.77 Mbit/s
95th percentile per-packet one-way delay: 59.303 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 26.06 Mbit/s
95th percentile per-packet one-way delay: 59.192 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 25.97 Mbit/s
95th percentile per-packet one-way delay: 59.249 ms
Loss rate: 0.81%
-- Flow 3:
Average throughput: 25.42 Mbit/s
95th percentile per-packet one-way delay: 59.631 ms
Loss rate: 0.94%
```

Run 10: Report of Saturator — Data Link

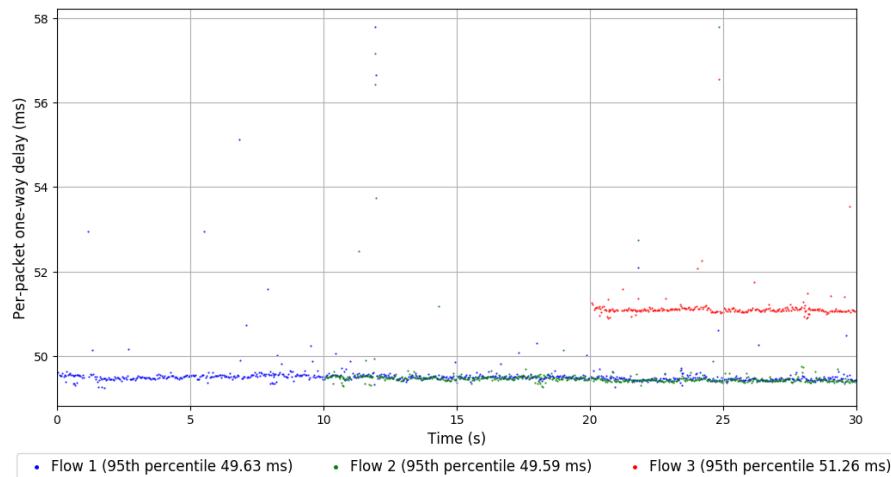
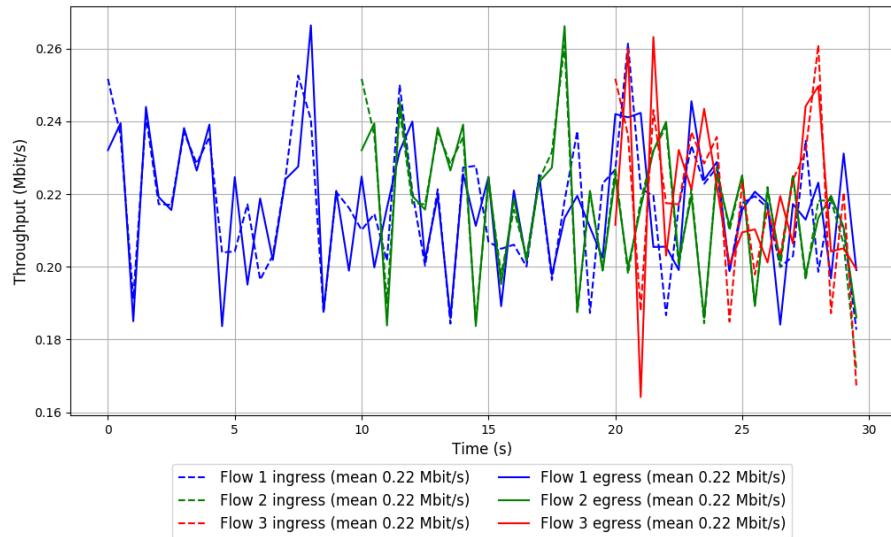


Run 1: Statistics of SCReAM

```
Start at: Mon, 31 Jul 2017 22:18:54 +0000
End at: Mon, 31 Jul 2017 22:19:24 +0000
Local clock offset: 0.498 ms
Remote clock offset: -0.001 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:48:14 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 51.127 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.630 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.594 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 51.258 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

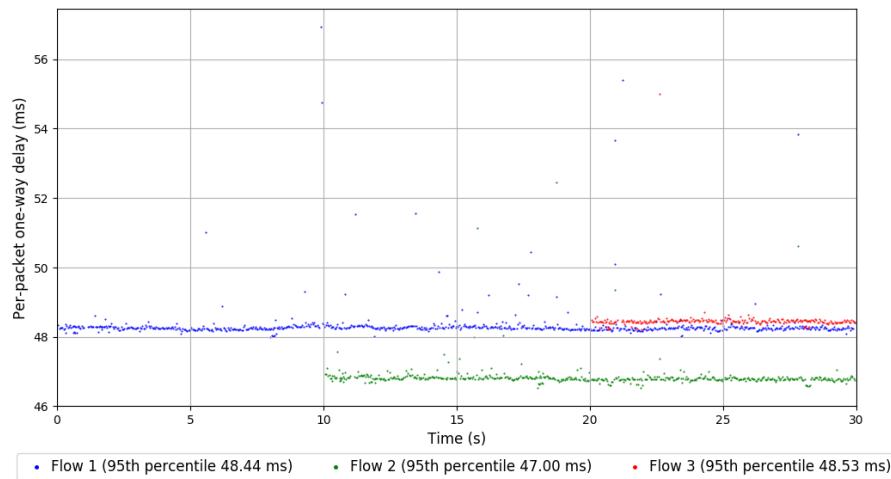
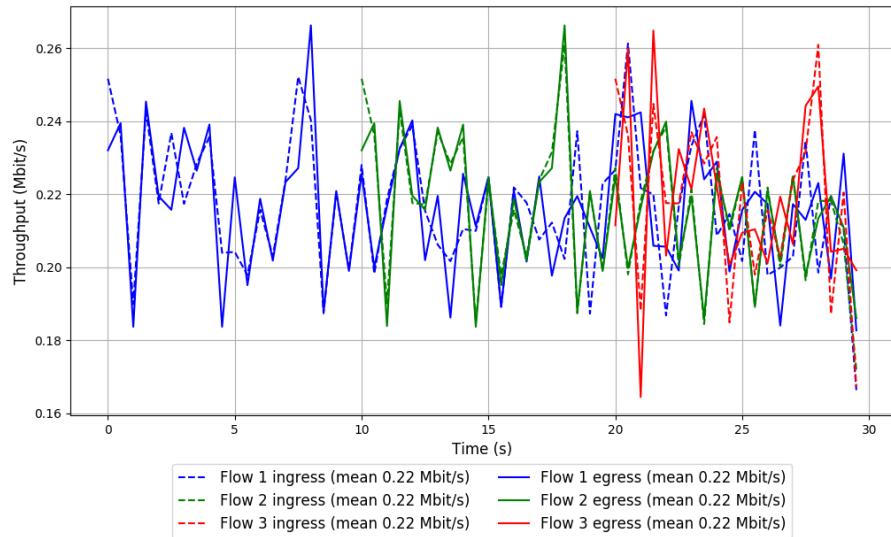


Run 2: Statistics of SCReAM

```
Start at: Mon, 31 Jul 2017 22:39:52 +0000
End at: Mon, 31 Jul 2017 22:40:22 +0000
Local clock offset: 0.6 ms
Remote clock offset: -2.058 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:48:14 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 48.487 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.443 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 47.003 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.527 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

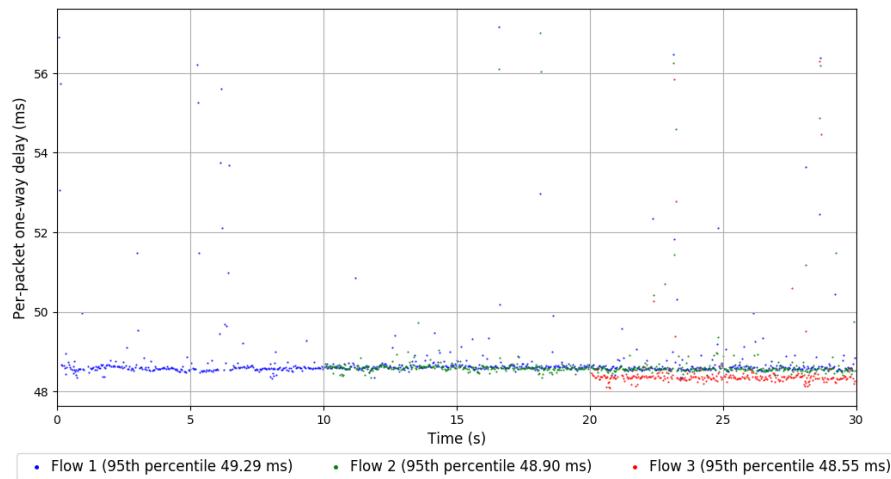
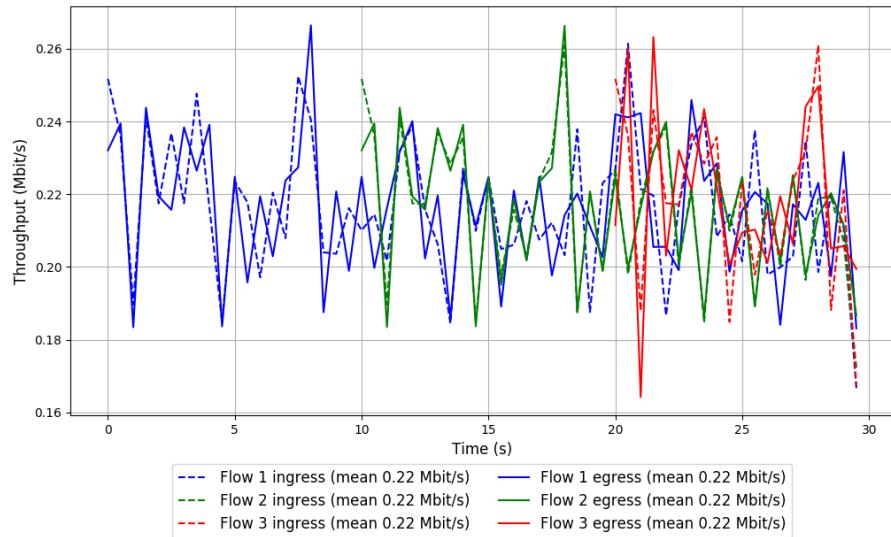


Run 3: Statistics of SCReAM

```
Start at: Mon, 31 Jul 2017 23:00:47 +0000
End at: Mon, 31 Jul 2017 23:01:17 +0000
Local clock offset: 0.601 ms
Remote clock offset: -1.575 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:48:15 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 48.981 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.288 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.899 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.546 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

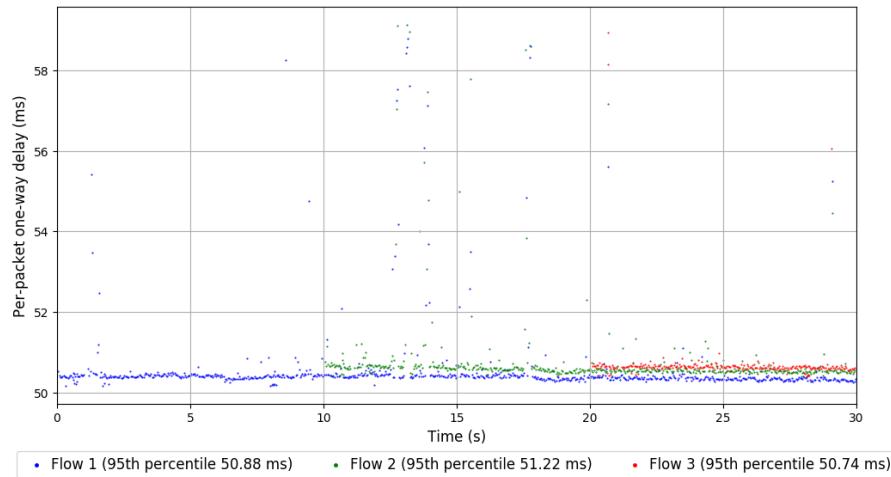
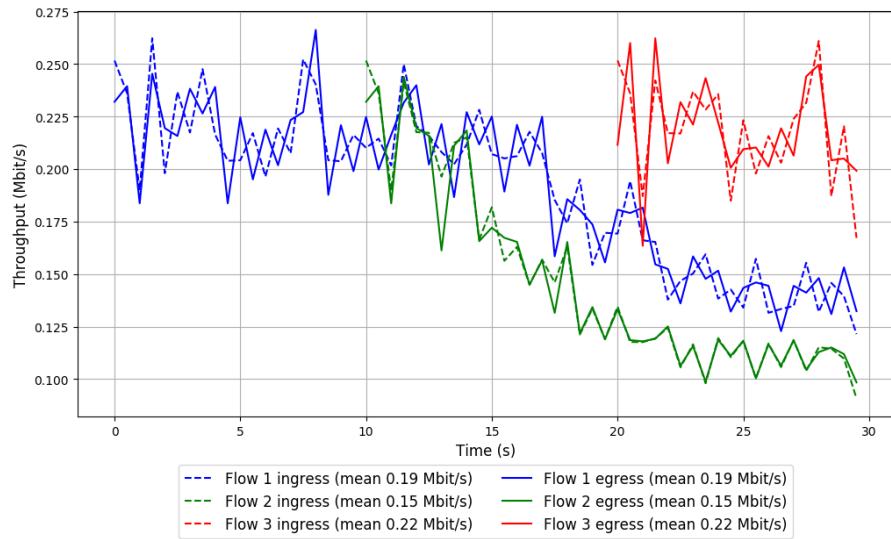


Run 4: Statistics of SCReAM

```
Start at: Mon, 31 Jul 2017 23:21:38 +0000
End at: Mon, 31 Jul 2017 23:22:08 +0000
Local clock offset: 0.52 ms
Remote clock offset: 0.738 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:48:16 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 50.978 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 50.879 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 51.216 ms
Loss rate: 0.87%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.738 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

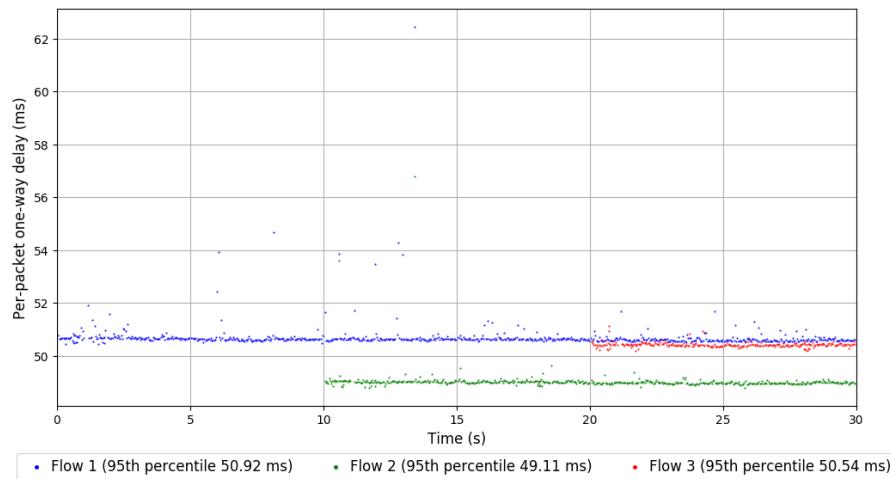
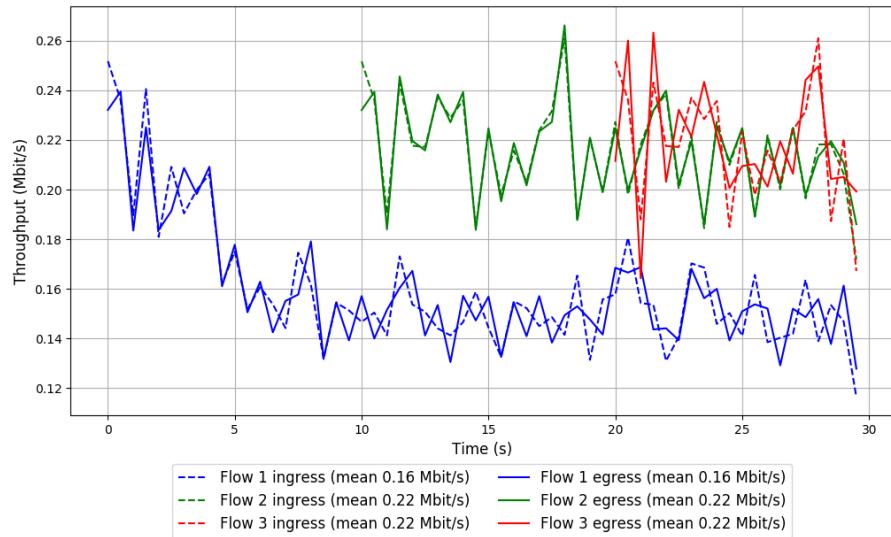


Run 5: Statistics of SCReAM

```
Start at: Mon, 31 Jul 2017 23:42:26 +0000
End at: Mon, 31 Jul 2017 23:42:56 +0000
Local clock offset: 0.501 ms
Remote clock offset: 0.886 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:48:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 50.761 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 50.921 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.106 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.539 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

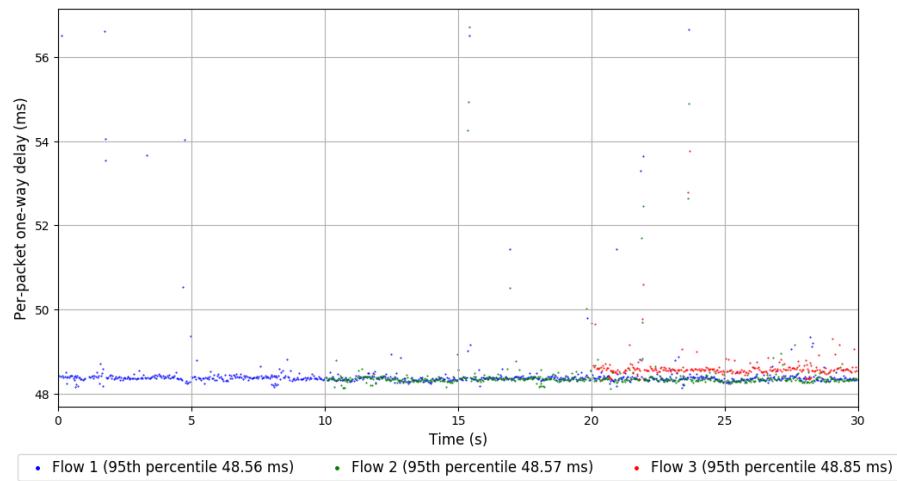
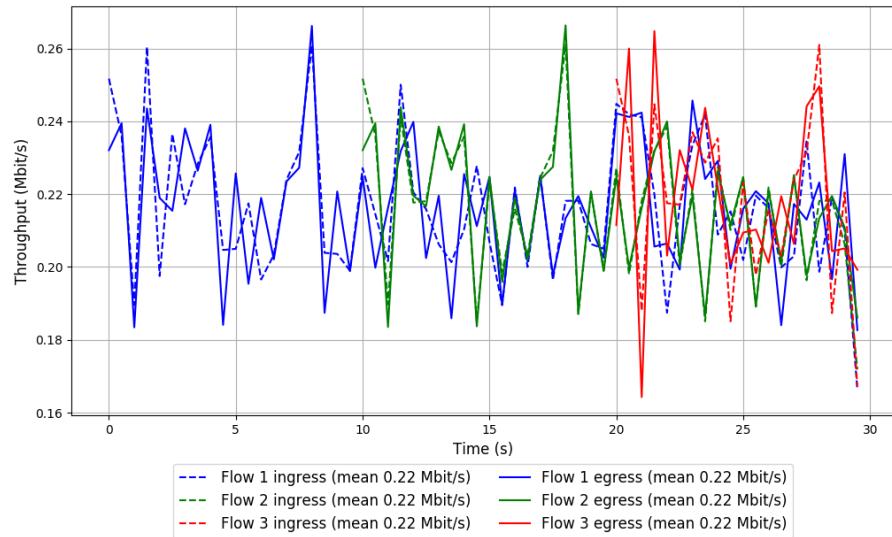


Run 6: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 00:03:33 +0000
End at: Tue, 01 Aug 2017 00:04:03 +0000
Local clock offset: 0.602 ms
Remote clock offset: -1.105 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:48:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 48.710 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.563 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.571 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.849 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link

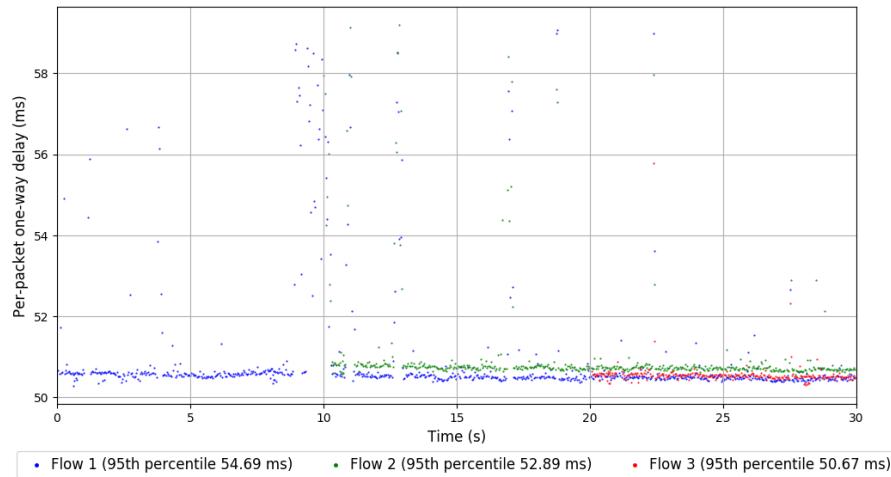
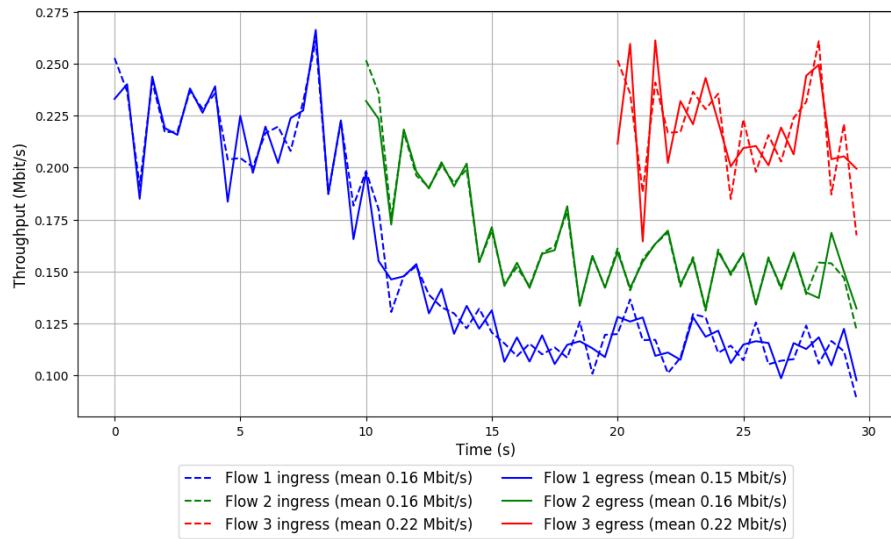


Run 7: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 00:24:52 +0000
End at: Tue, 01 Aug 2017 00:25:22 +0000
Local clock offset: 0.651 ms
Remote clock offset: 1.101 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:48:18 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.34 Mbit/s
95th percentile per-packet one-way delay: 52.899 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 54.689 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 52.893 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.672 ms
Loss rate: 0.00%
```

Run 7: Report of SCReAM — Data Link

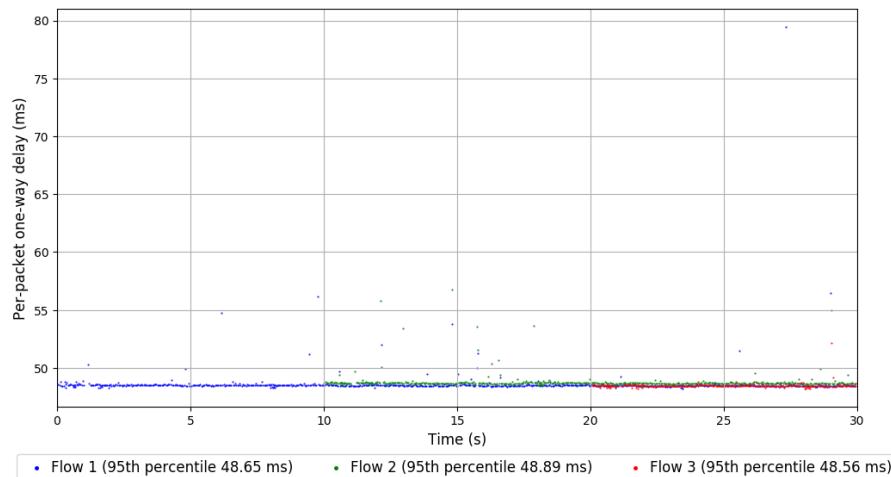
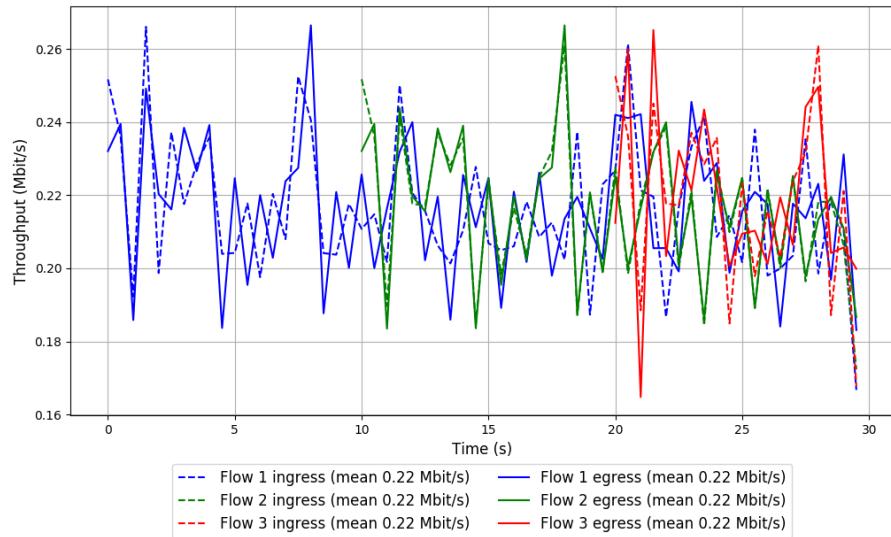


Run 8: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 00:46:05 +0000
End at: Tue, 01 Aug 2017 00:46:35 +0000
Local clock offset: 0.758 ms
Remote clock offset: -1.048 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:48:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 48.773 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.653 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.890 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.564 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

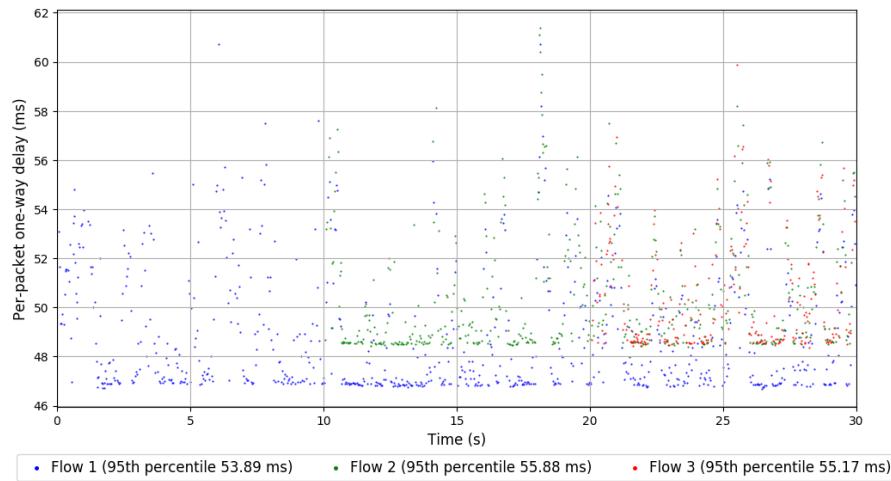
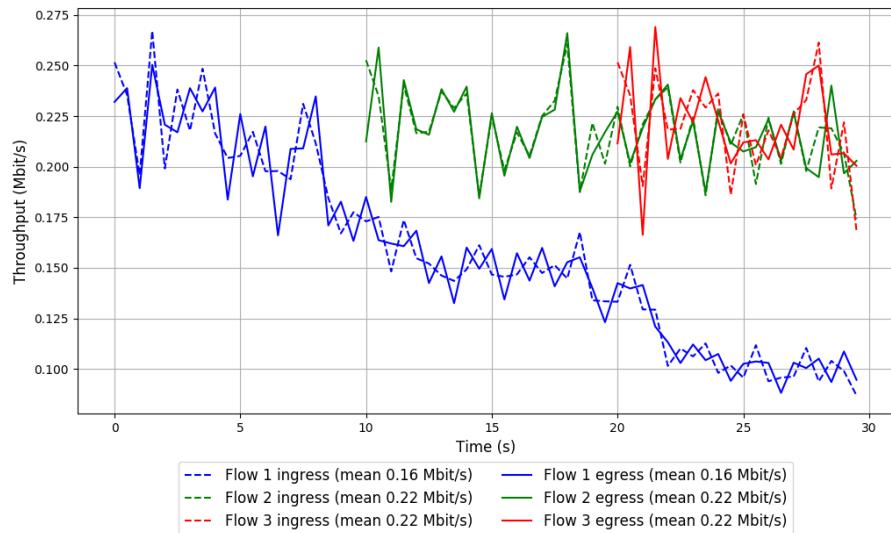


Run 9: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 01:07:34 +0000
End at: Tue, 01 Aug 2017 01:08:04 +0000
Local clock offset: 0.817 ms
Remote clock offset: -1.14 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:48:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 54.896 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 53.890 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 55.877 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 55.166 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

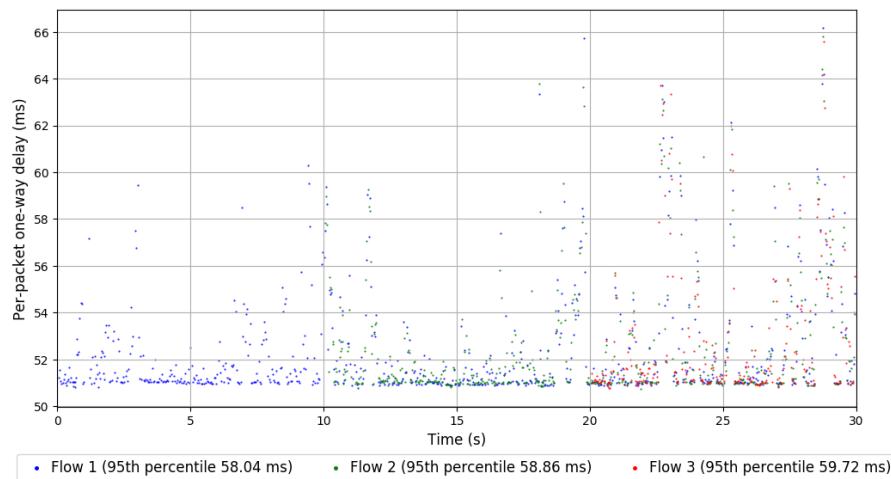
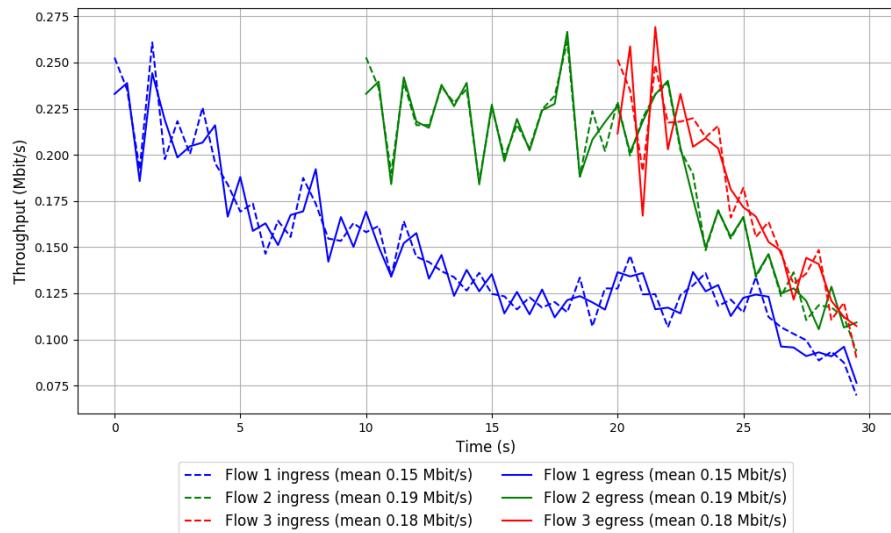


Run 10: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 01:29:37 +0000
End at: Tue, 01 Aug 2017 01:30:07 +0000
Local clock offset: 0.703 ms
Remote clock offset: 1.324 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:48:20 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 58.541 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 58.041 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 58.857 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 59.720 ms
Loss rate: 0.80%
```

Run 10: Report of SCReAM — Data Link

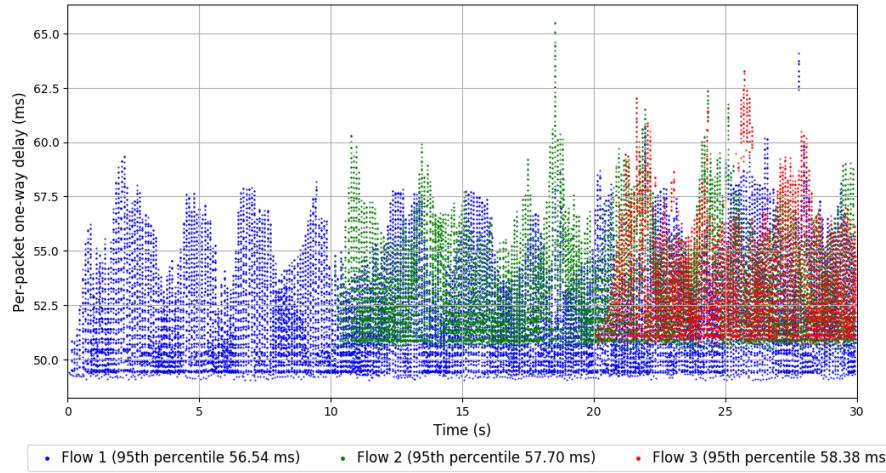
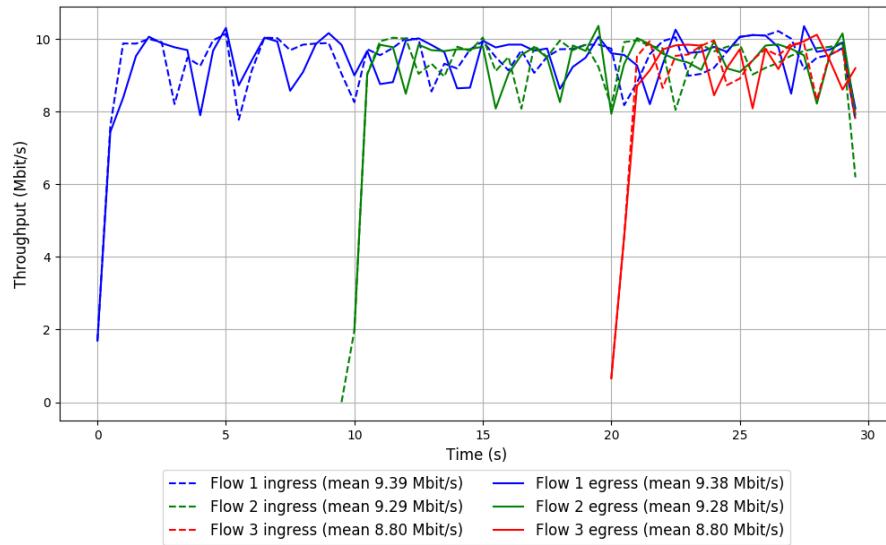


Run 1: Statistics of Sprout

```
Start at: Mon, 31 Jul 2017 22:24:30 +0000
End at: Mon, 31 Jul 2017 22:25:00 +0000
Local clock offset: 0.572 ms
Remote clock offset: 0.16 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:48:23 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.46 Mbit/s
95th percentile per-packet one-way delay: 57.234 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 9.38 Mbit/s
95th percentile per-packet one-way delay: 56.538 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 9.28 Mbit/s
95th percentile per-packet one-way delay: 57.705 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 8.80 Mbit/s
95th percentile per-packet one-way delay: 58.385 ms
Loss rate: 0.00%
```

Run 1: Report of Sprout — Data Link

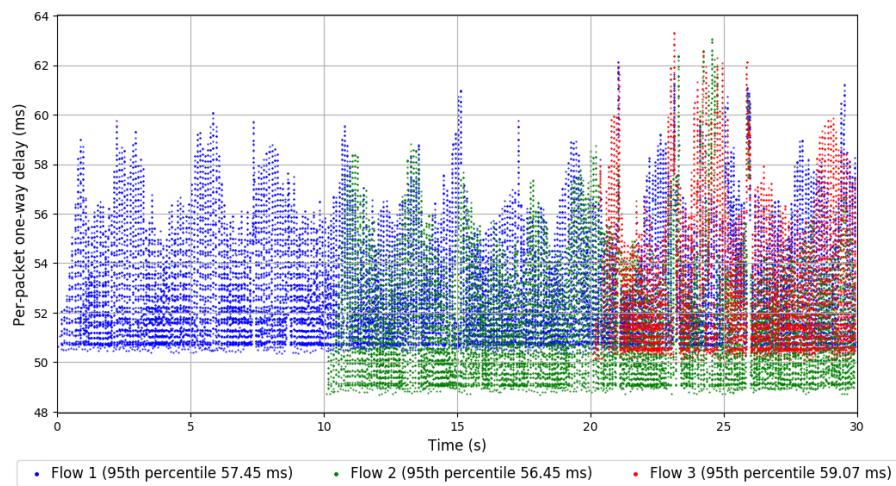
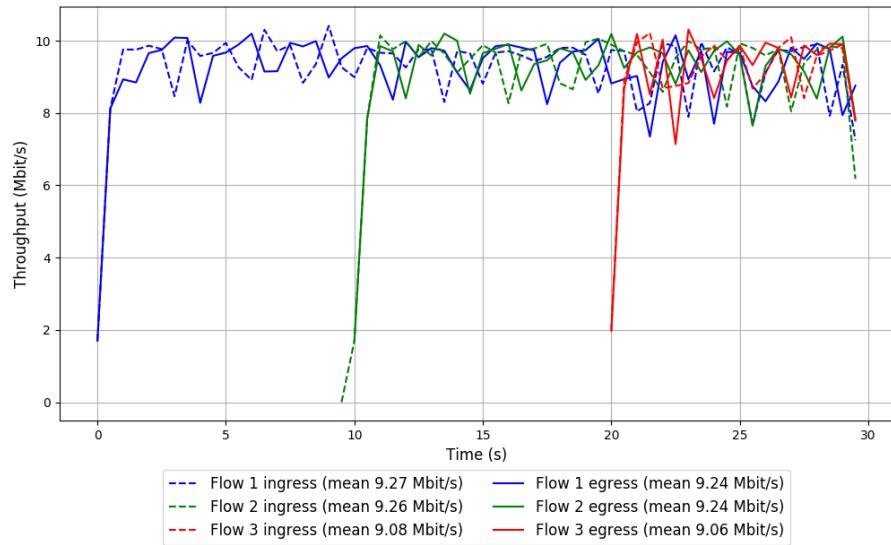


Run 2: Statistics of Sprout

```
Start at: Mon, 31 Jul 2017 22:45:27 +0000
End at: Mon, 31 Jul 2017 22:45:57 +0000
Local clock offset: 0.616 ms
Remote clock offset: 0.305 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:48:24 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.38 Mbit/s
95th percentile per-packet one-way delay: 57.543 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 9.24 Mbit/s
95th percentile per-packet one-way delay: 57.454 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 9.24 Mbit/s
95th percentile per-packet one-way delay: 56.451 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 9.06 Mbit/s
95th percentile per-packet one-way delay: 59.068 ms
Loss rate: 0.26%
```

Run 2: Report of Sprout — Data Link

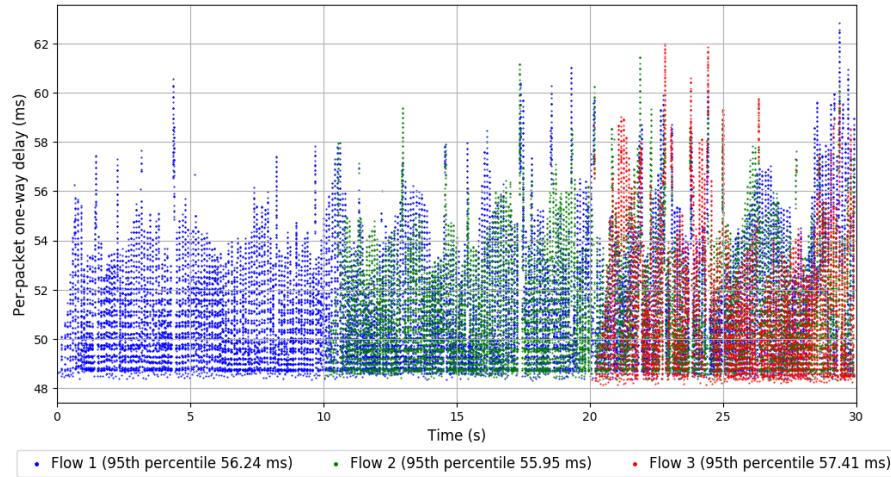
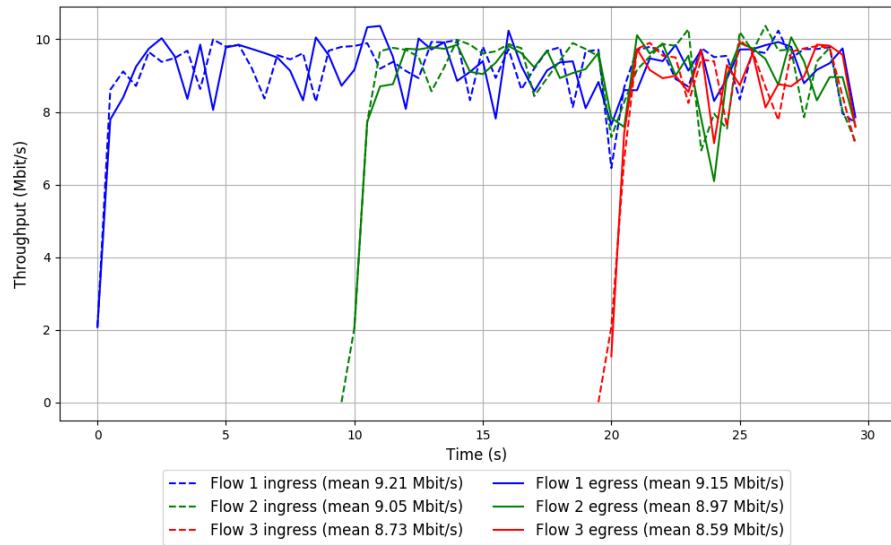


Run 3: Statistics of Sprout

```
Start at: Mon, 31 Jul 2017 23:06:22 +0000
End at: Mon, 31 Jul 2017 23:06:52 +0000
Local clock offset: 0.543 ms
Remote clock offset: -1.45 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:48:27 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 17.95 Mbit/s
95th percentile per-packet one-way delay: 56.412 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 9.15 Mbit/s
95th percentile per-packet one-way delay: 56.245 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 8.97 Mbit/s
95th percentile per-packet one-way delay: 55.946 ms
Loss rate: 0.86%
-- Flow 3:
Average throughput: 8.59 Mbit/s
95th percentile per-packet one-way delay: 57.408 ms
Loss rate: 1.63%
```

Run 3: Report of Sprout — Data Link

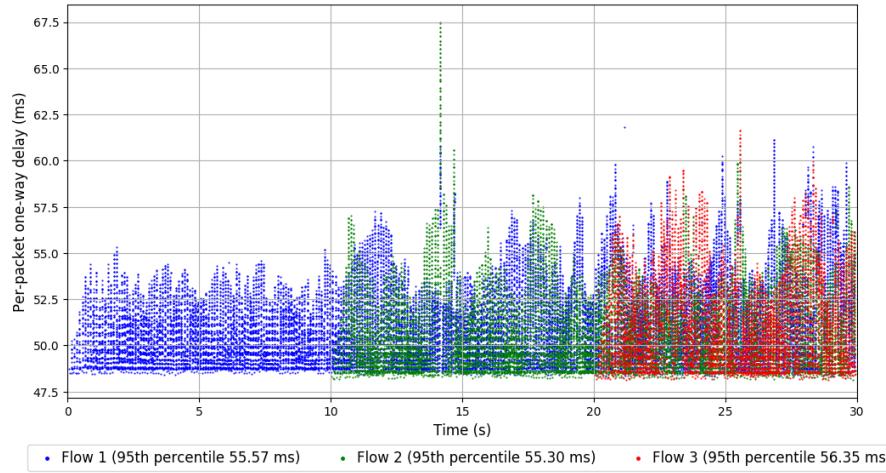
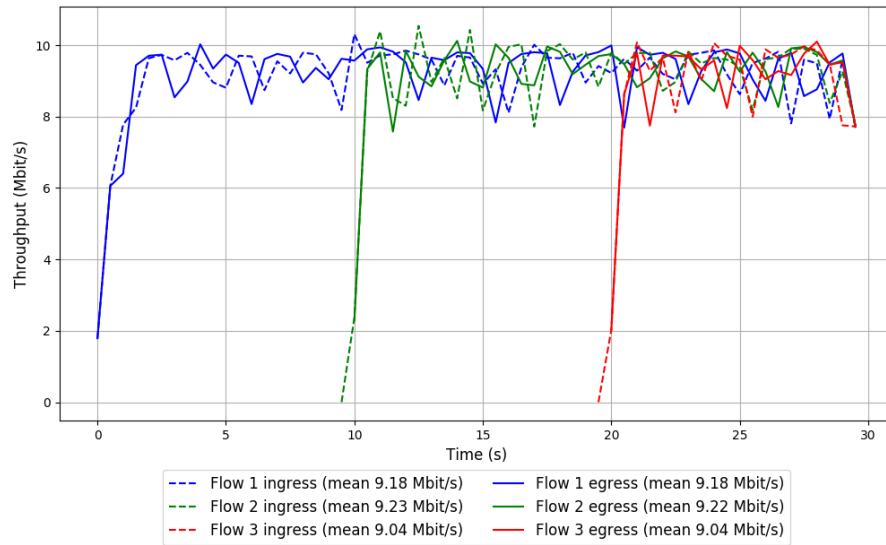


Run 4: Statistics of Sprout

```
Start at: Mon, 31 Jul 2017 23:27:12 +0000
End at: Mon, 31 Jul 2017 23:27:42 +0000
Local clock offset: 0.38 ms
Remote clock offset: -1.254 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:48:27 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.29 Mbit/s
95th percentile per-packet one-way delay: 55.640 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 9.18 Mbit/s
95th percentile per-packet one-way delay: 55.567 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 9.22 Mbit/s
95th percentile per-packet one-way delay: 55.304 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 9.04 Mbit/s
95th percentile per-packet one-way delay: 56.346 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

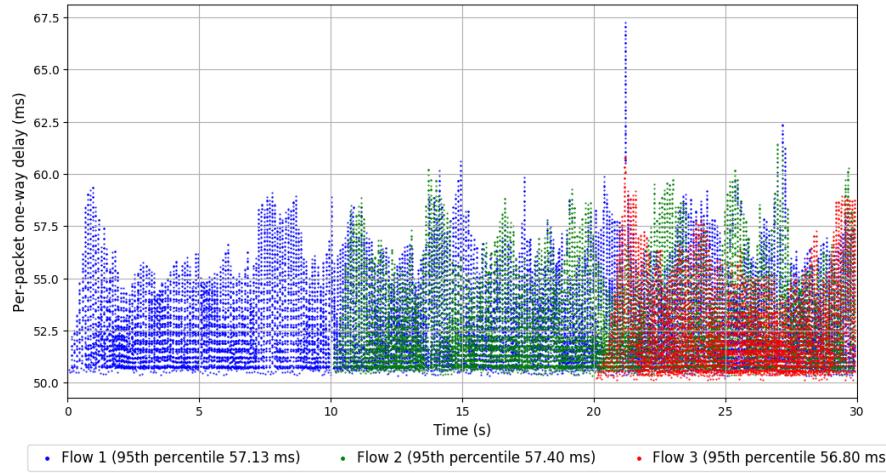
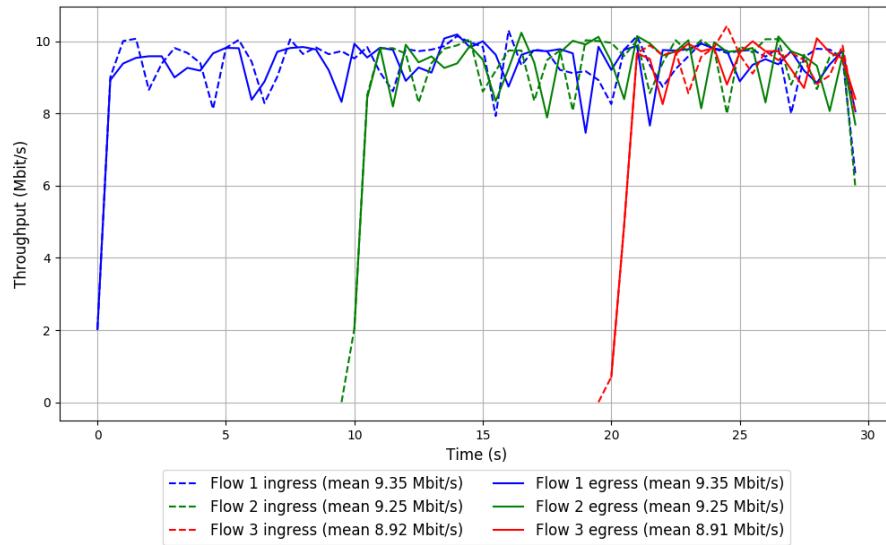


Run 5: Statistics of Sprout

```
Start at: Mon, 31 Jul 2017 23:48:01 +0000
End at: Mon, 31 Jul 2017 23:48:31 +0000
Local clock offset: 0.404 ms
Remote clock offset: 0.855 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:48:31 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.44 Mbit/s
95th percentile per-packet one-way delay: 57.169 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.35 Mbit/s
95th percentile per-packet one-way delay: 57.127 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 9.25 Mbit/s
95th percentile per-packet one-way delay: 57.395 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 8.91 Mbit/s
95th percentile per-packet one-way delay: 56.799 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

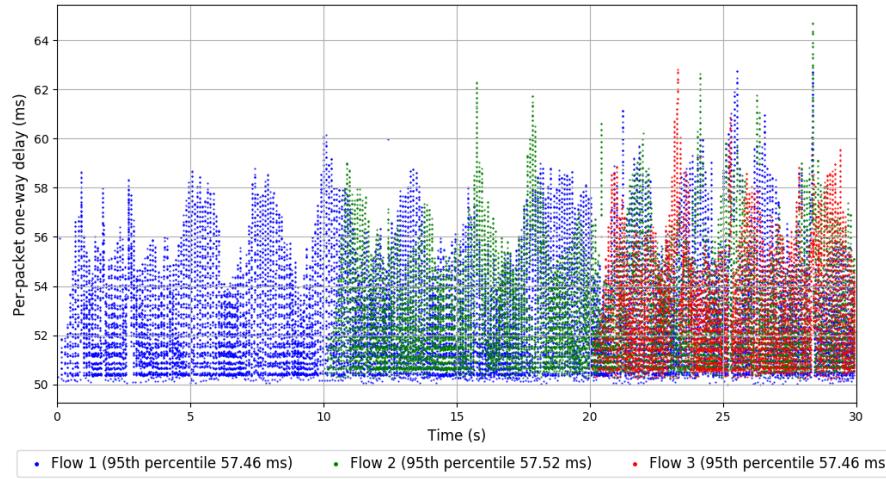
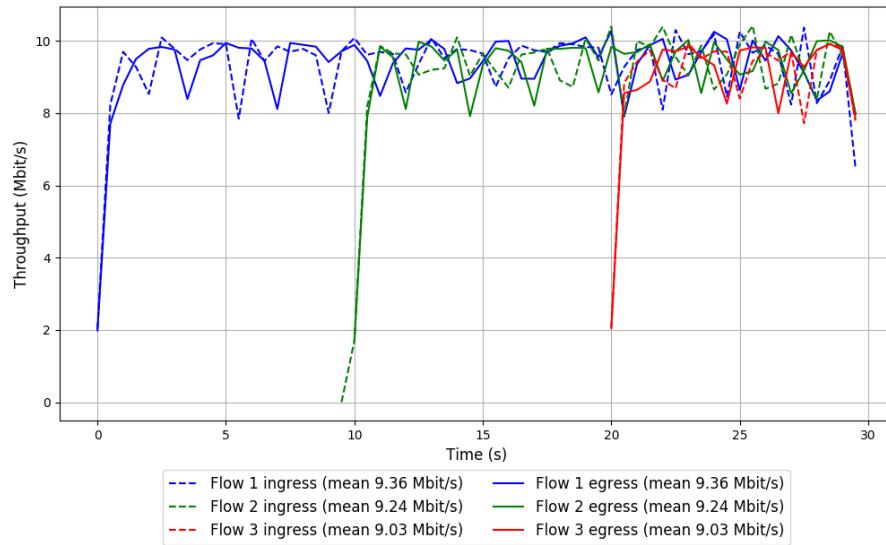


Run 6: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 00:09:18 +0000
End at: Tue, 01 Aug 2017 00:09:48 +0000
Local clock offset: 0.664 ms
Remote clock offset: 0.967 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:48:31 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.48 Mbit/s
95th percentile per-packet one-way delay: 57.485 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 9.36 Mbit/s
95th percentile per-packet one-way delay: 57.460 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 9.24 Mbit/s
95th percentile per-packet one-way delay: 57.516 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 9.03 Mbit/s
95th percentile per-packet one-way delay: 57.460 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link

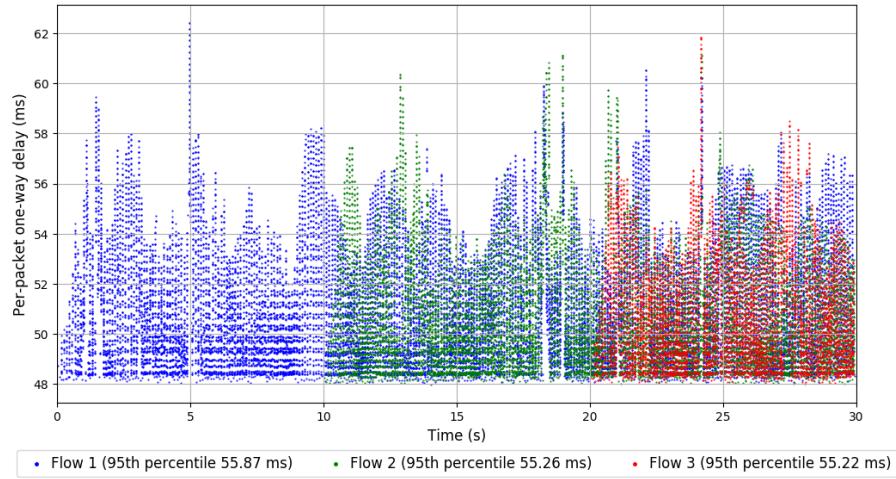
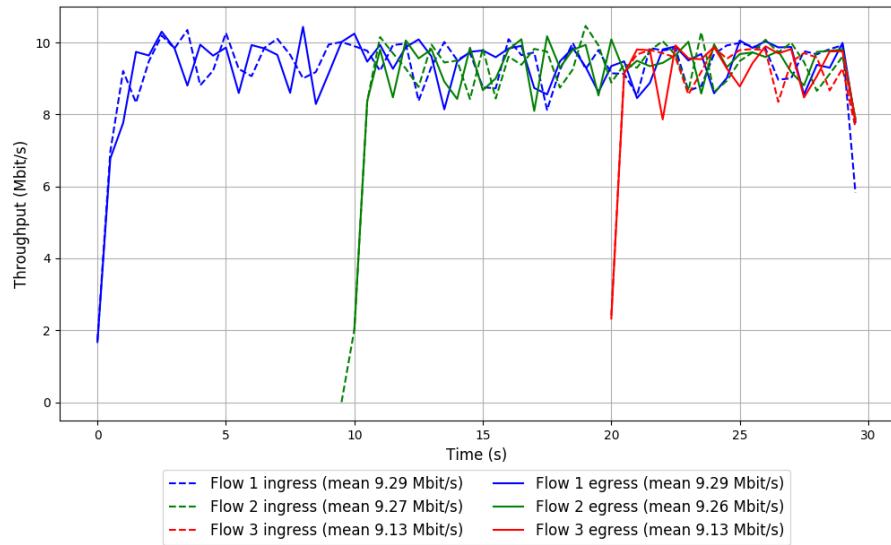


Run 7: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 00:30:31 +0000
End at: Tue, 01 Aug 2017 00:31:01 +0000
Local clock offset: 0.677 ms
Remote clock offset: -1.046 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:48:34 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.44 Mbit/s
95th percentile per-packet one-way delay: 55.616 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 9.29 Mbit/s
95th percentile per-packet one-way delay: 55.869 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 9.26 Mbit/s
95th percentile per-packet one-way delay: 55.258 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 9.13 Mbit/s
95th percentile per-packet one-way delay: 55.219 ms
Loss rate: 0.00%
```

Run 7: Report of Sprout — Data Link

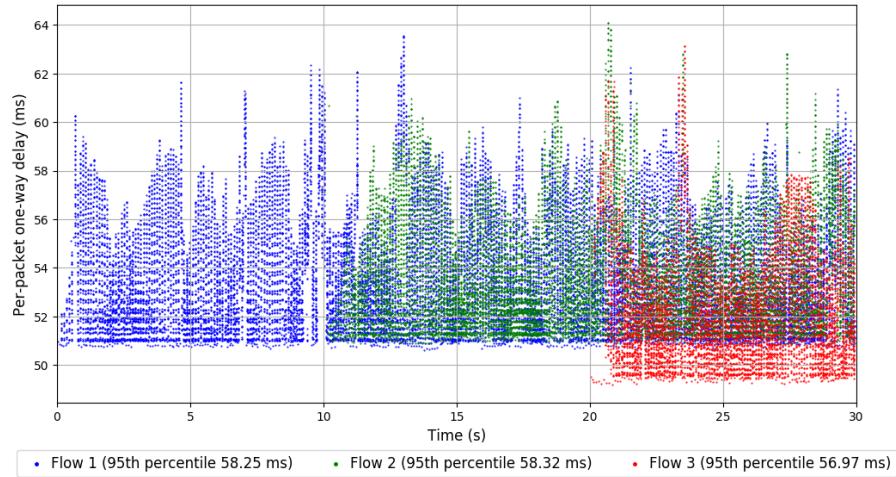
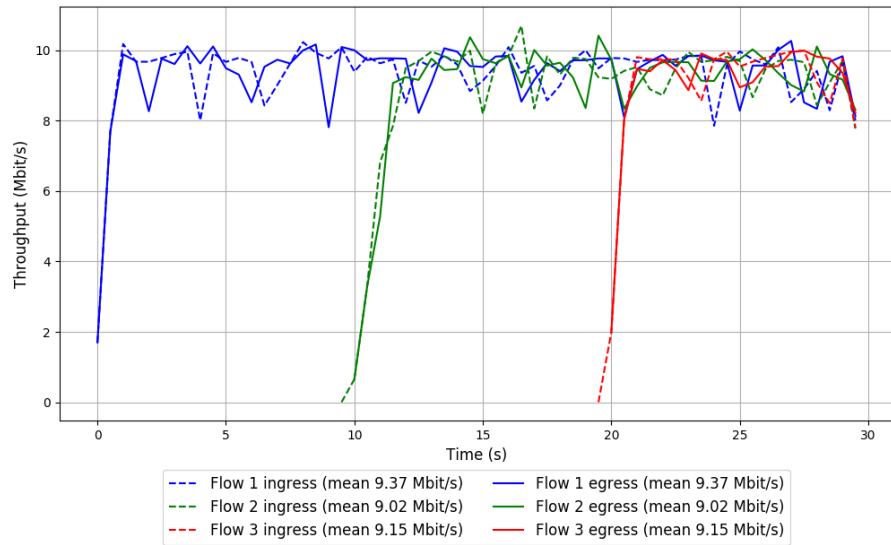


Run 8: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 00:51:40 +0000
End at: Tue, 01 Aug 2017 00:52:10 +0000
Local clock offset: 0.849 ms
Remote clock offset: 1.557 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:48:35 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.39 Mbit/s
95th percentile per-packet one-way delay: 58.159 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.37 Mbit/s
95th percentile per-packet one-way delay: 58.252 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 9.02 Mbit/s
95th percentile per-packet one-way delay: 58.319 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 9.15 Mbit/s
95th percentile per-packet one-way delay: 56.969 ms
Loss rate: 0.00%
```

Run 8: Report of Sprout — Data Link

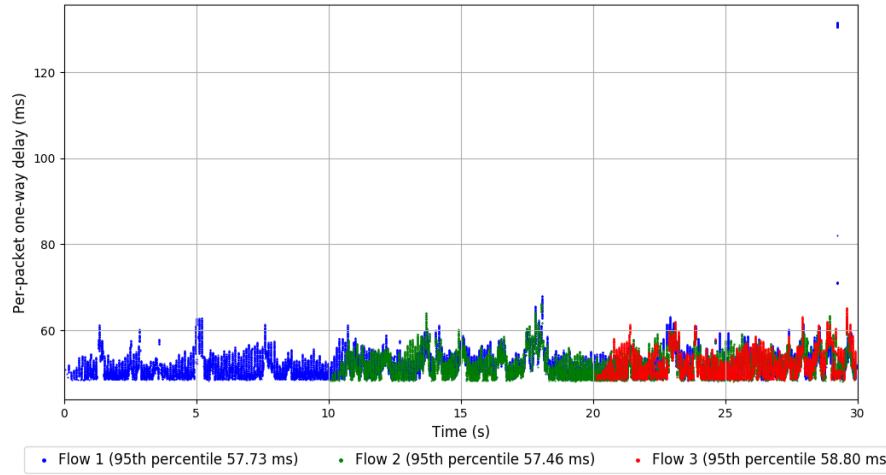
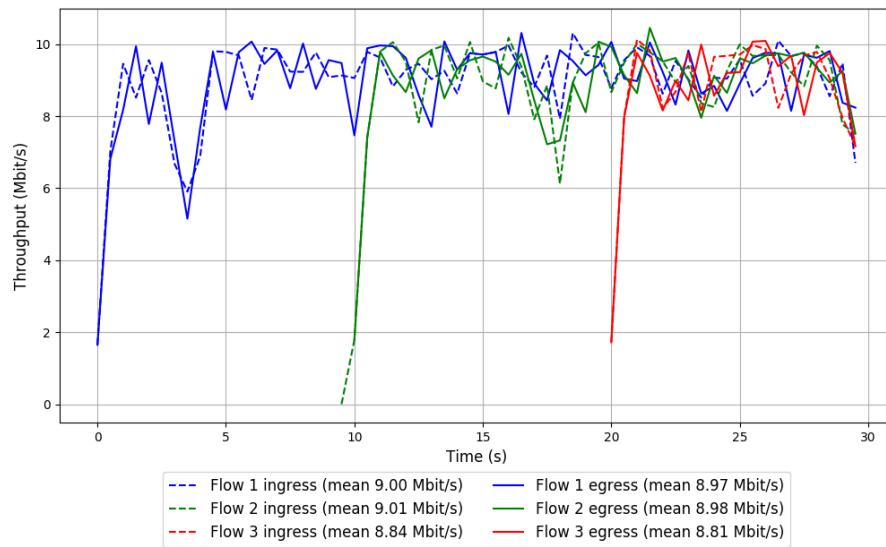


Run 9: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 01:13:26 +0000
End at: Tue, 01 Aug 2017 01:13:56 +0000
Local clock offset: 0.754 ms
Remote clock offset: -1.132 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:48:37 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 17.85 Mbit/s
95th percentile per-packet one-way delay: 57.843 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 8.97 Mbit/s
95th percentile per-packet one-way delay: 57.733 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 8.98 Mbit/s
95th percentile per-packet one-way delay: 57.461 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 8.81 Mbit/s
95th percentile per-packet one-way delay: 58.805 ms
Loss rate: 0.21%
```

Run 9: Report of Sprout — Data Link

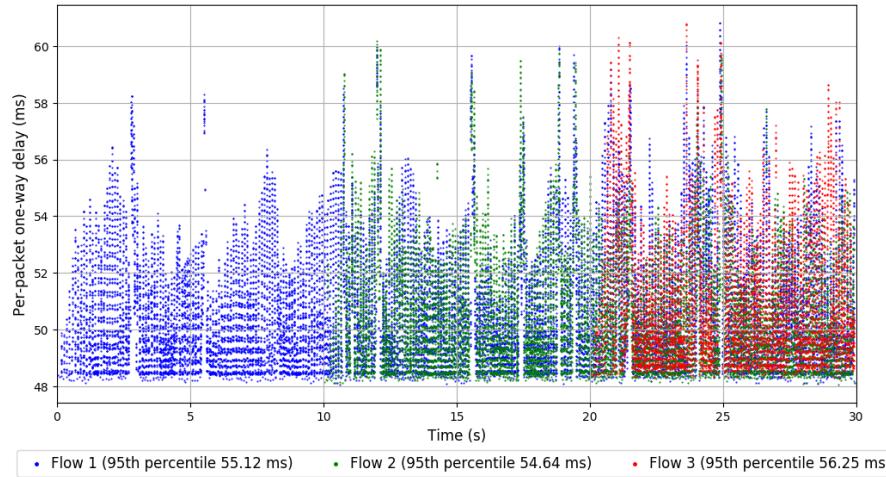
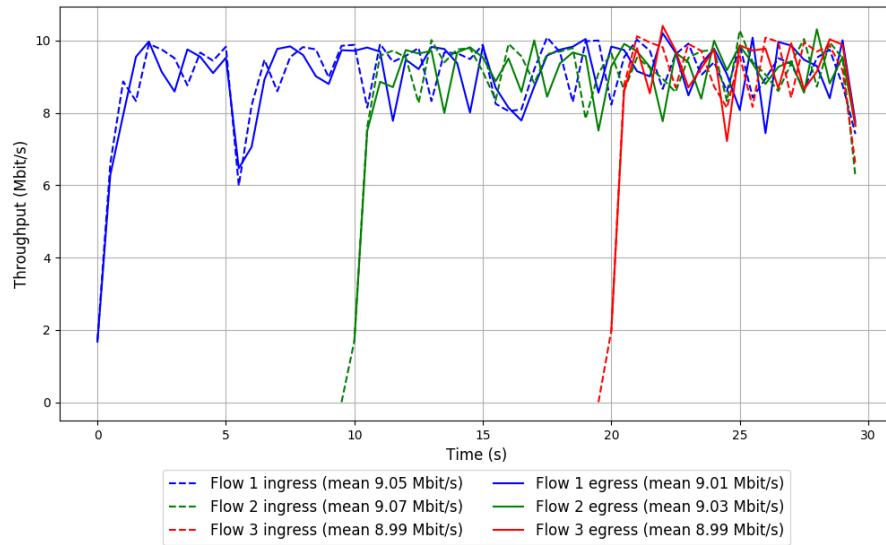


Run 10: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 01:35:50 +0000
End at: Tue, 01 Aug 2017 01:36:20 +0000
Local clock offset: 0.708 ms
Remote clock offset: -1.376 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:48:39 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 17.98 Mbit/s
95th percentile per-packet one-way delay: 55.227 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 9.01 Mbit/s
95th percentile per-packet one-way delay: 55.115 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 9.03 Mbit/s
95th percentile per-packet one-way delay: 54.644 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 8.99 Mbit/s
95th percentile per-packet one-way delay: 56.251 ms
Loss rate: 0.00%
```

Run 10: Report of Sprout — Data Link

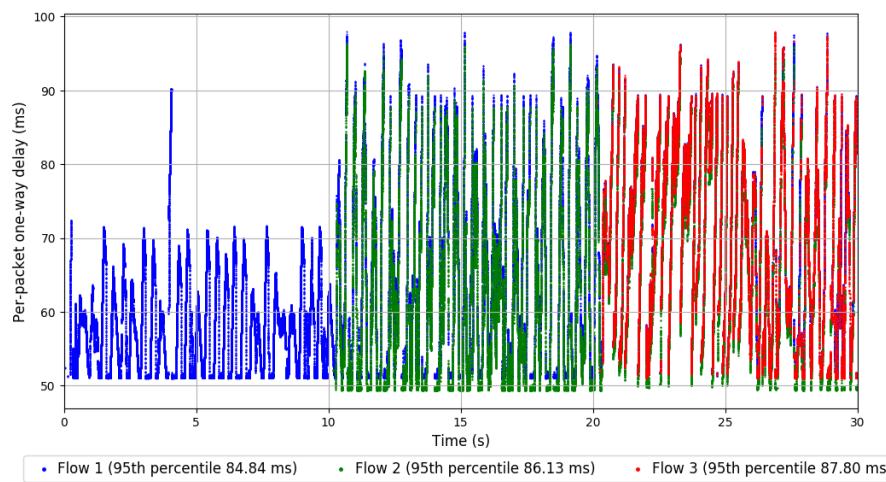
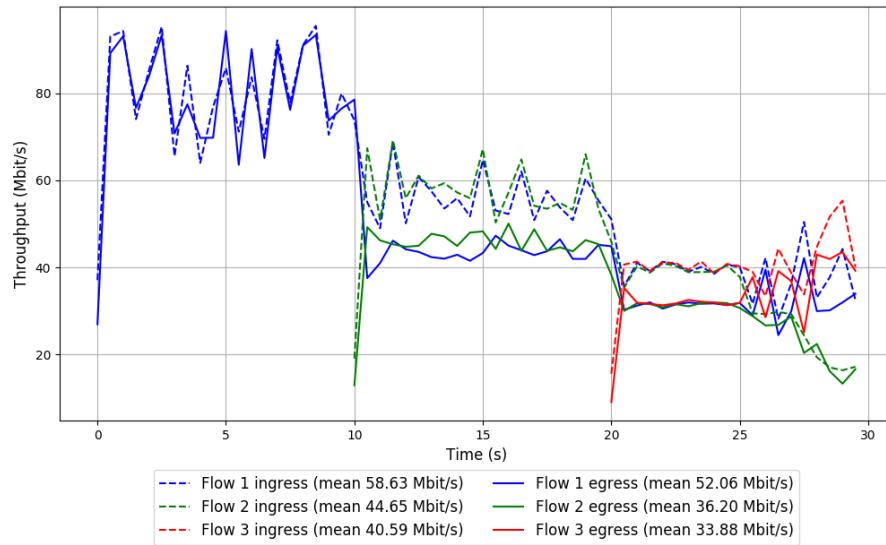


Run 1: Statistics of TaoVA-100x

```
Start at: Mon, 31 Jul 2017 22:21:37 +0000
End at: Mon, 31 Jul 2017 22:22:08 +0000
Local clock offset: 0.478 ms
Remote clock offset: 0.139 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:49:00 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.22 Mbit/s
95th percentile per-packet one-way delay: 85.951 ms
Loss rate: 14.21%
-- Flow 1:
Average throughput: 52.06 Mbit/s
95th percentile per-packet one-way delay: 84.842 ms
Loss rate: 11.21%
-- Flow 2:
Average throughput: 36.20 Mbit/s
95th percentile per-packet one-way delay: 86.129 ms
Loss rate: 18.95%
-- Flow 3:
Average throughput: 33.88 Mbit/s
95th percentile per-packet one-way delay: 87.795 ms
Loss rate: 16.86%
```

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

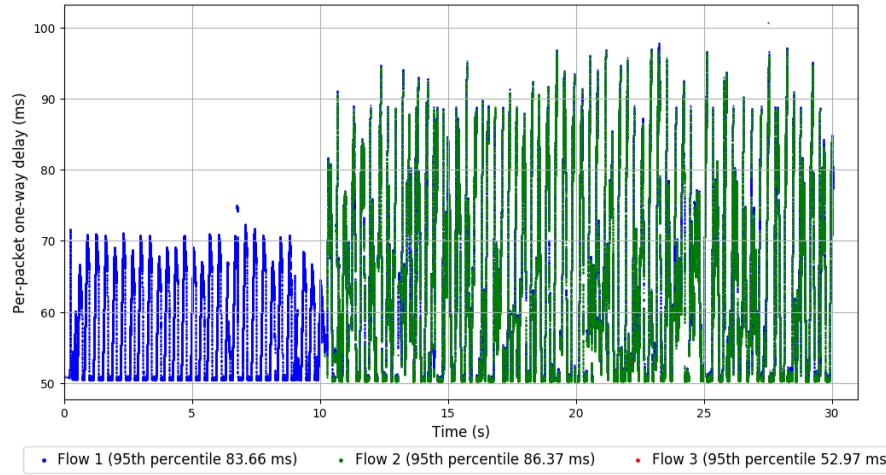
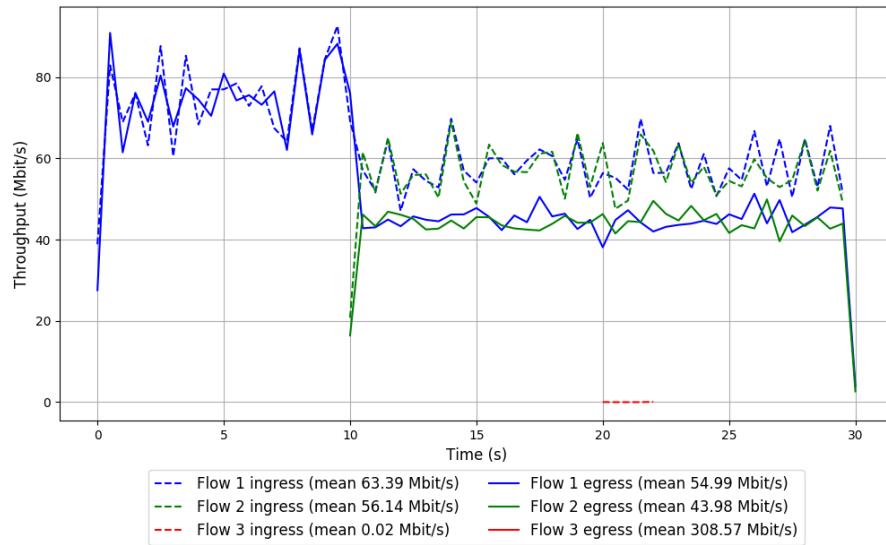


Run 2: Statistics of TaoVA-100x

```
Start at: Mon, 31 Jul 2017 22:42:35 +0000
End at: Mon, 31 Jul 2017 22:43:05 +0000
Local clock offset: 0.541 ms
Remote clock offset: 0.163 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:49:00 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.24 Mbit/s
95th percentile per-packet one-way delay: 84.963 ms
Loss rate: 16.30%
-- Flow 1:
Average throughput: 54.99 Mbit/s
95th percentile per-packet one-way delay: 83.659 ms
Loss rate: 13.17%
-- Flow 2:
Average throughput: 43.98 Mbit/s
95th percentile per-packet one-way delay: 86.368 ms
Loss rate: 21.62%
-- Flow 3:
Average throughput: 308.57 Mbit/s
95th percentile per-packet one-way delay: 52.973 ms
Loss rate: 75.00%
```

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

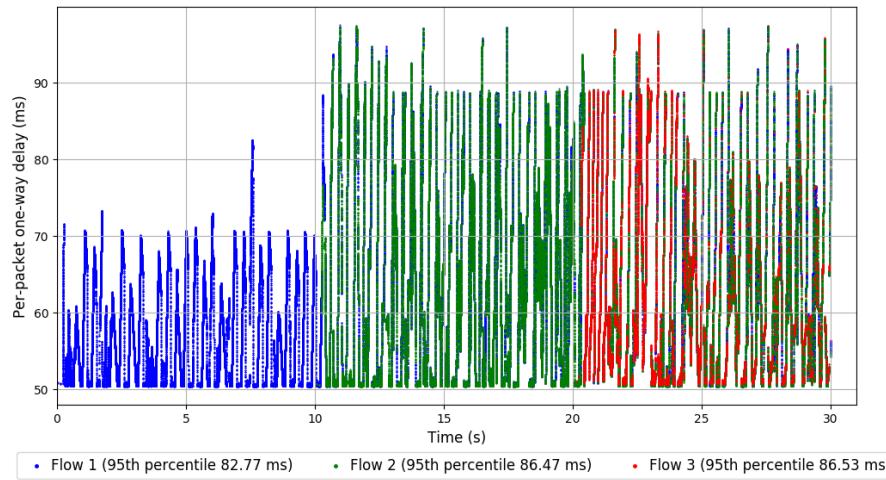
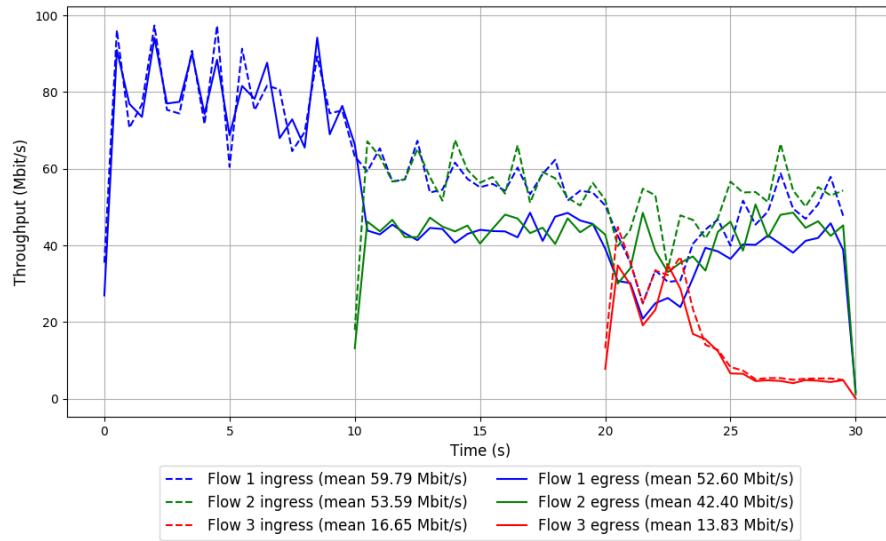


Run 3: Statistics of TaoVA-100x

```
Start at: Mon, 31 Jul 2017 23:03:31 +0000
End at: Mon, 31 Jul 2017 23:04:01 +0000
Local clock offset: 0.553 ms
Remote clock offset: 0.619 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:49:21 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.35 Mbit/s
95th percentile per-packet one-way delay: 84.642 ms
Loss rate: 15.40%
-- Flow 1:
Average throughput: 52.60 Mbit/s
95th percentile per-packet one-way delay: 82.774 ms
Loss rate: 12.01%
-- Flow 2:
Average throughput: 42.40 Mbit/s
95th percentile per-packet one-way delay: 86.472 ms
Loss rate: 20.87%
-- Flow 3:
Average throughput: 13.83 Mbit/s
95th percentile per-packet one-way delay: 86.532 ms
Loss rate: 16.87%
```

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

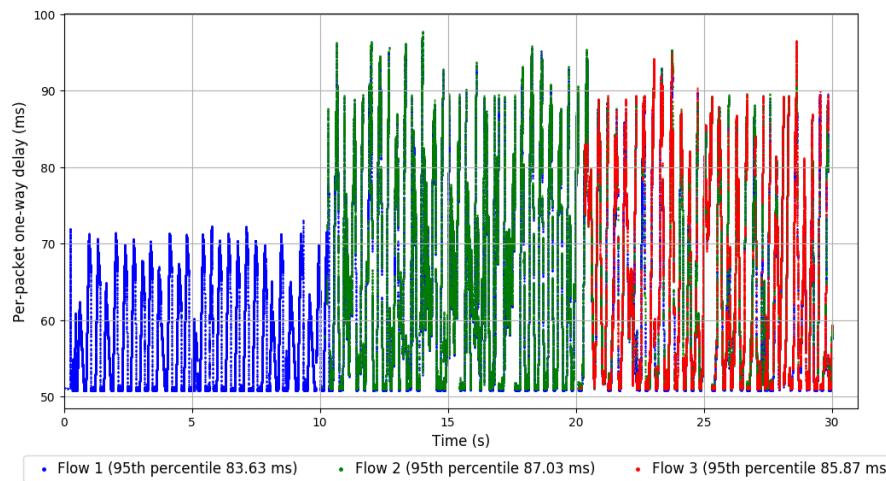
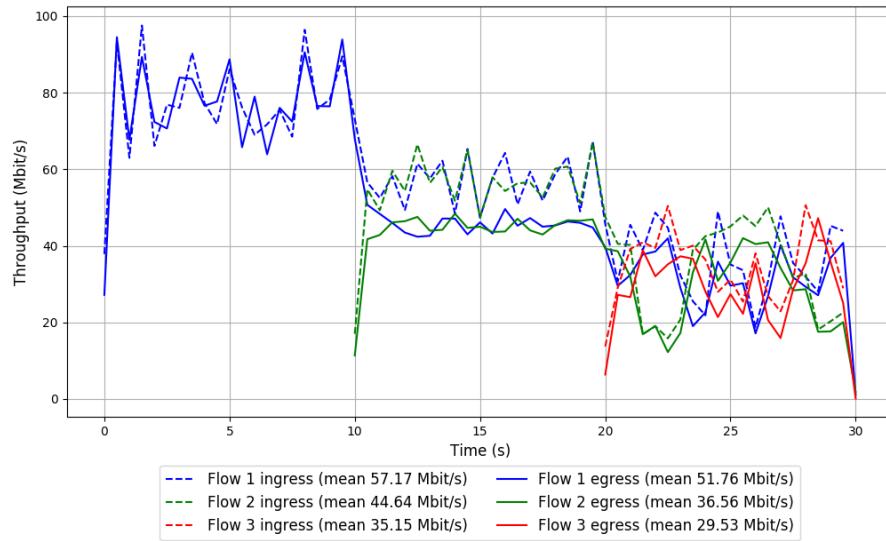


Run 4: Statistics of TaoVA-100x

```
Start at: Mon, 31 Jul 2017 23:24:21 +0000
End at: Mon, 31 Jul 2017 23:24:51 +0000
Local clock offset: 0.401 ms
Remote clock offset: 1.265 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:49:22 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.81 Mbit/s
95th percentile per-packet one-way delay: 85.408 ms
Loss rate: 12.82%
-- Flow 1:
Average throughput: 51.76 Mbit/s
95th percentile per-packet one-way delay: 83.628 ms
Loss rate: 9.45%
-- Flow 2:
Average throughput: 36.56 Mbit/s
95th percentile per-packet one-way delay: 87.029 ms
Loss rate: 18.09%
-- Flow 3:
Average throughput: 29.53 Mbit/s
95th percentile per-packet one-way delay: 85.874 ms
Loss rate: 15.93%
```

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

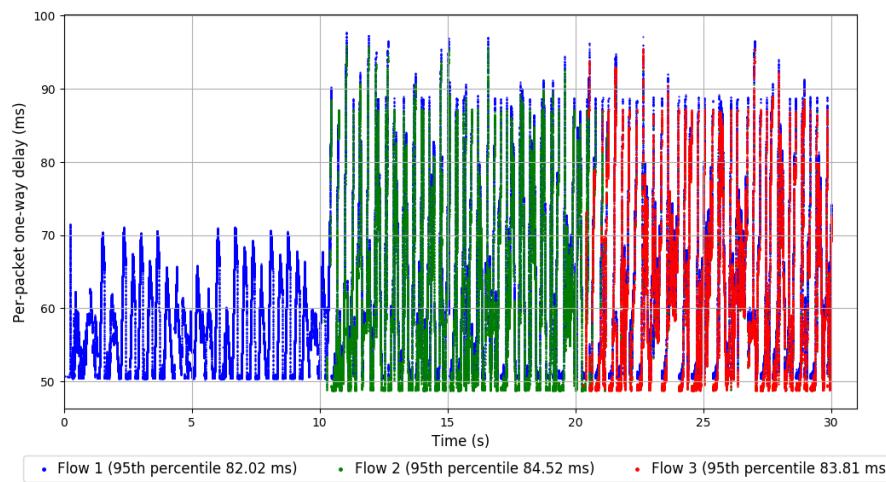
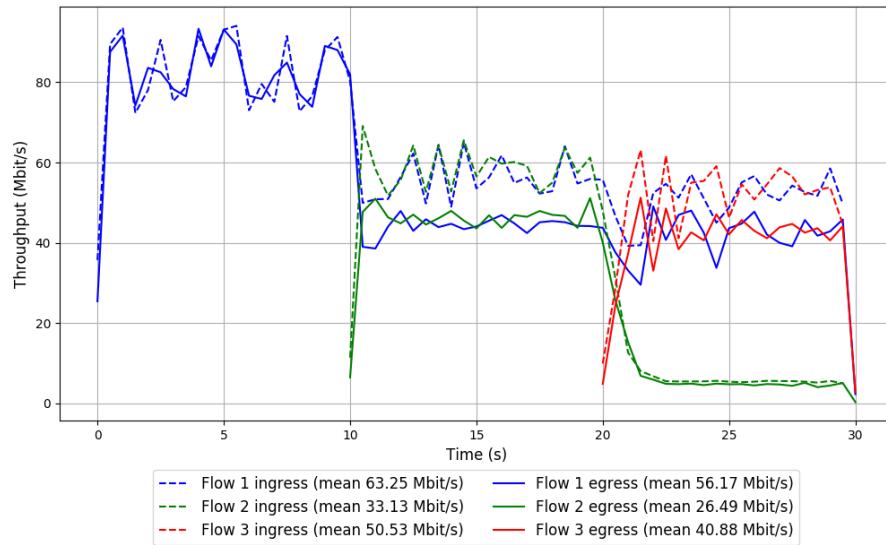


Run 5: Statistics of TaoVA-100x

```
Start at: Mon, 31 Jul 2017 23:45:09 +0000
End at: Mon, 31 Jul 2017 23:45:39 +0000
Local clock offset: 0.495 ms
Remote clock offset: 0.825 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:49:43 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.16 Mbit/s
95th percentile per-packet one-way delay: 82.996 ms
Loss rate: 14.35%
-- Flow 1:
Average throughput: 56.17 Mbit/s
95th percentile per-packet one-way delay: 82.020 ms
Loss rate: 11.14%
-- Flow 2:
Average throughput: 26.49 Mbit/s
95th percentile per-packet one-way delay: 84.518 ms
Loss rate: 20.03%
-- Flow 3:
Average throughput: 40.88 Mbit/s
95th percentile per-packet one-way delay: 83.810 ms
Loss rate: 19.08%
```

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

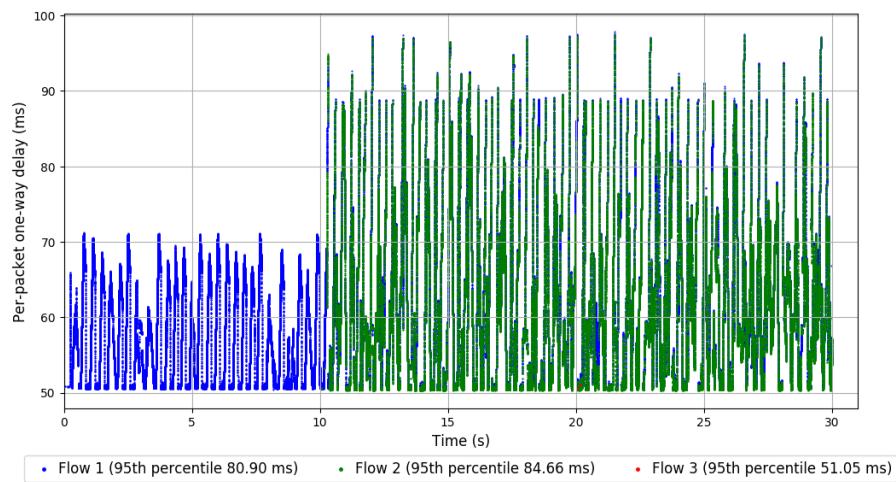
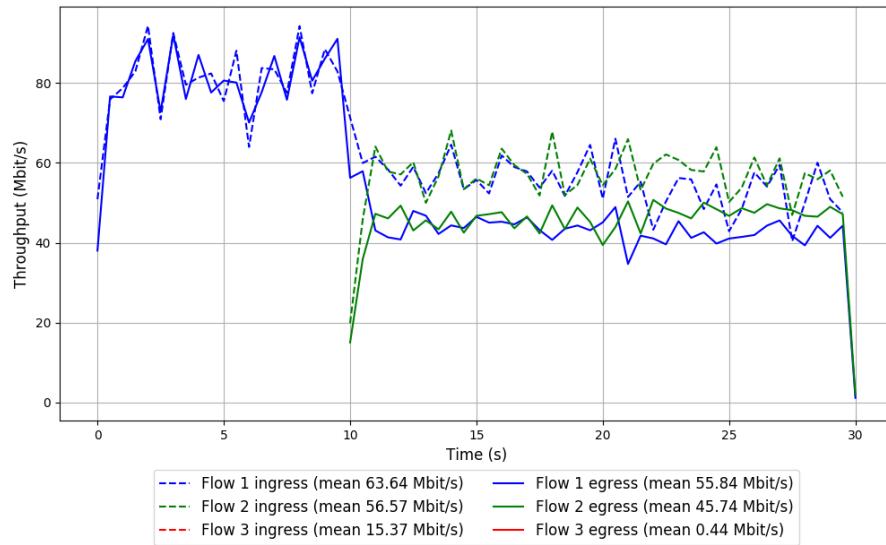


Run 6: Statistics of TaoVA-100x

```
Start at: Tue, 01 Aug 2017 00:06:20 +0000
End at: Tue, 01 Aug 2017 00:06:50 +0000
Local clock offset: 0.609 ms
Remote clock offset: 1.061 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:49:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.28 Mbit/s
95th percentile per-packet one-way delay: 82.817 ms
Loss rate: 14.88%
-- Flow 1:
Average throughput: 55.84 Mbit/s
95th percentile per-packet one-way delay: 80.897 ms
Loss rate: 12.24%
-- Flow 2:
Average throughput: 45.74 Mbit/s
95th percentile per-packet one-way delay: 84.659 ms
Loss rate: 19.12%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 51.053 ms
Loss rate: 98.72%
```

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

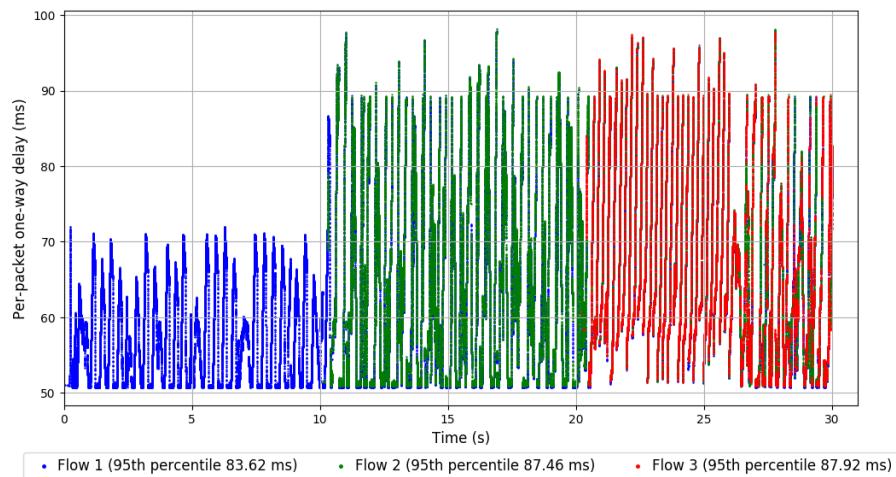
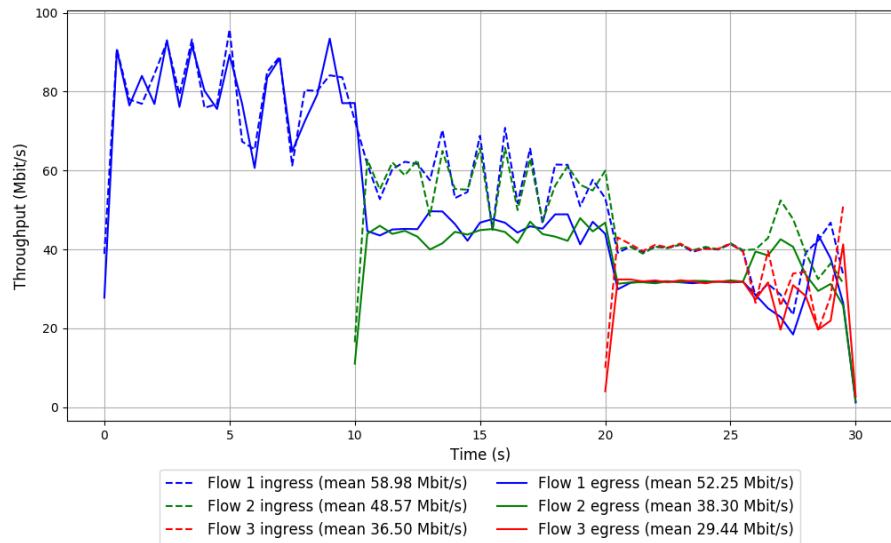


Run 7: Statistics of TaoVA-100x

```
Start at: Tue, 01 Aug 2017 00:27:36 +0000
End at: Tue, 01 Aug 2017 00:28:06 +0000
Local clock offset: 0.761 ms
Remote clock offset: 1.567 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:50:06 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.35 Mbit/s
95th percentile per-packet one-way delay: 85.763 ms
Loss rate: 15.29%
-- Flow 1:
Average throughput: 52.25 Mbit/s
95th percentile per-packet one-way delay: 83.624 ms
Loss rate: 11.35%
-- Flow 2:
Average throughput: 38.30 Mbit/s
95th percentile per-packet one-way delay: 87.458 ms
Loss rate: 21.05%
-- Flow 3:
Average throughput: 29.44 Mbit/s
95th percentile per-packet one-way delay: 87.921 ms
Loss rate: 19.24%
```

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

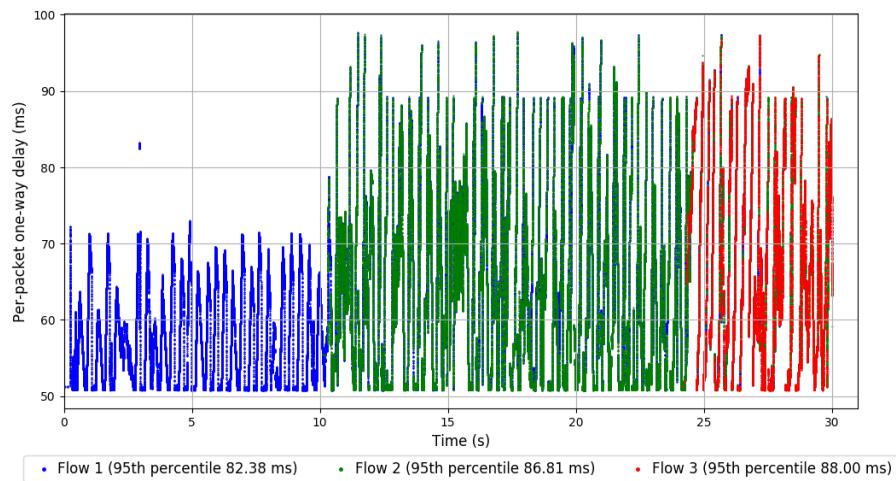
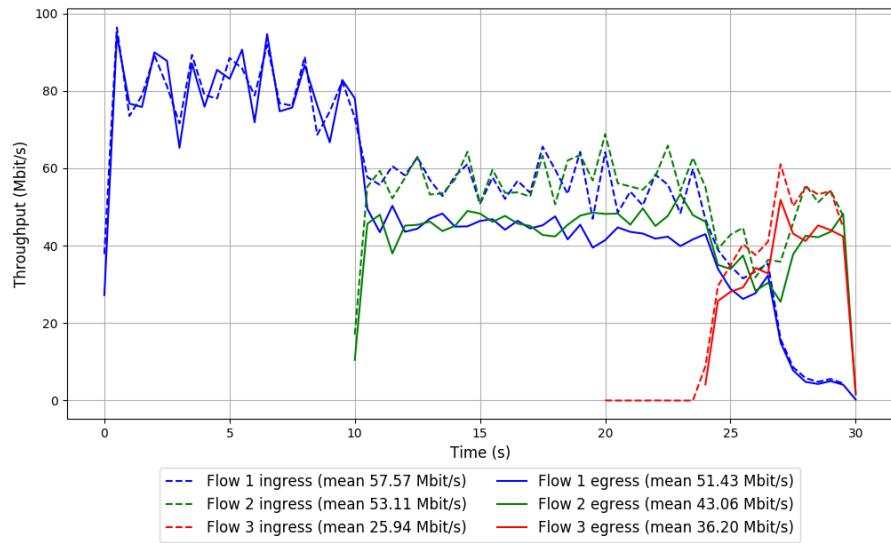


Run 8: Statistics of TaoVA-100x

```
Start at: Tue, 01 Aug 2017 00:48:47 +0000
End at: Tue, 01 Aug 2017 00:49:17 +0000
Local clock offset: 0.771 ms
Remote clock offset: 1.453 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:50:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.11 Mbit/s
95th percentile per-packet one-way delay: 85.097 ms
Loss rate: 14.05%
-- Flow 1:
Average throughput: 51.43 Mbit/s
95th percentile per-packet one-way delay: 82.376 ms
Loss rate: 10.64%
-- Flow 2:
Average throughput: 43.06 Mbit/s
95th percentile per-packet one-way delay: 86.807 ms
Loss rate: 18.91%
-- Flow 3:
Average throughput: 36.20 Mbit/s
95th percentile per-packet one-way delay: 87.996 ms
Loss rate: 17.01%
```

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

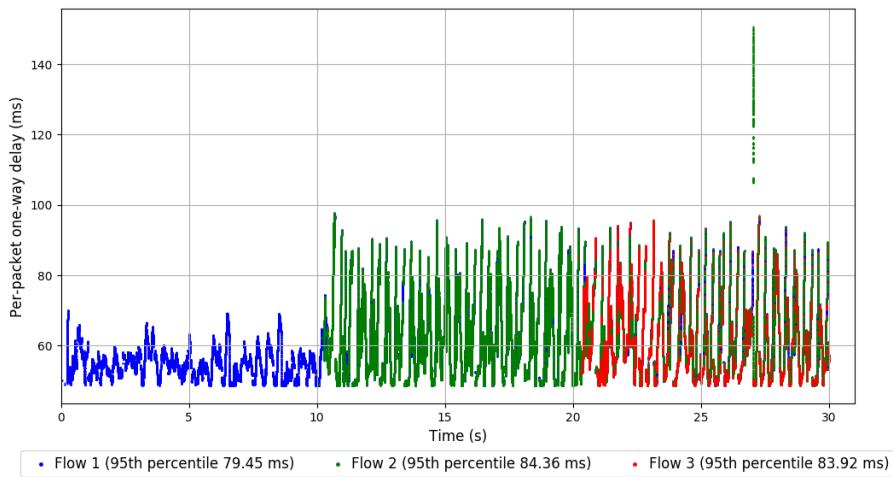
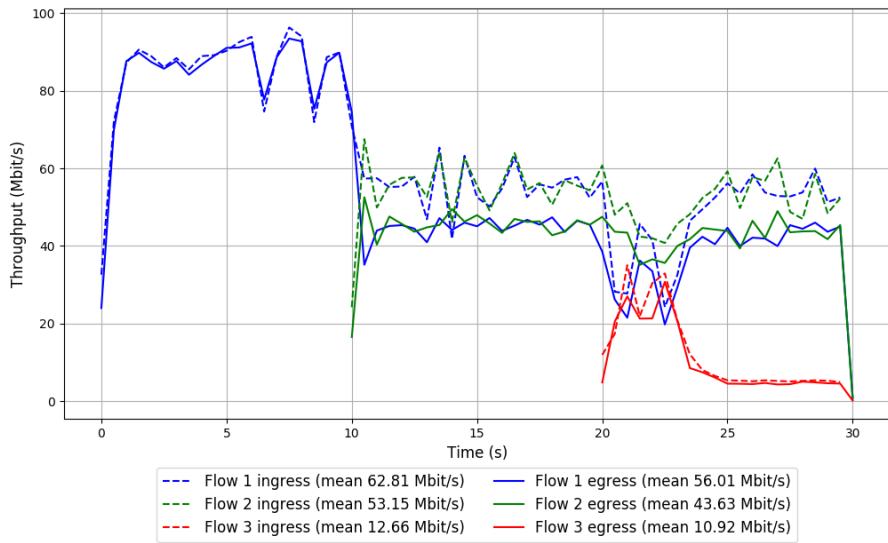


Run 9: Statistics of TaoVA-100x

```
Start at: Tue, 01 Aug 2017 01:10:19 +0000
End at: Tue, 01 Aug 2017 01:10:49 +0000
Local clock offset: 0.746 ms
Remote clock offset: -1.013 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:50:28 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.61 Mbit/s
95th percentile per-packet one-way delay: 82.082 ms
Loss rate: 13.38%
-- Flow 1:
Average throughput: 56.01 Mbit/s
95th percentile per-packet one-way delay: 79.455 ms
Loss rate: 10.81%
-- Flow 2:
Average throughput: 43.63 Mbit/s
95th percentile per-packet one-way delay: 84.365 ms
Loss rate: 17.88%
-- Flow 3:
Average throughput: 10.92 Mbit/s
95th percentile per-packet one-way delay: 83.919 ms
Loss rate: 14.01%
```

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

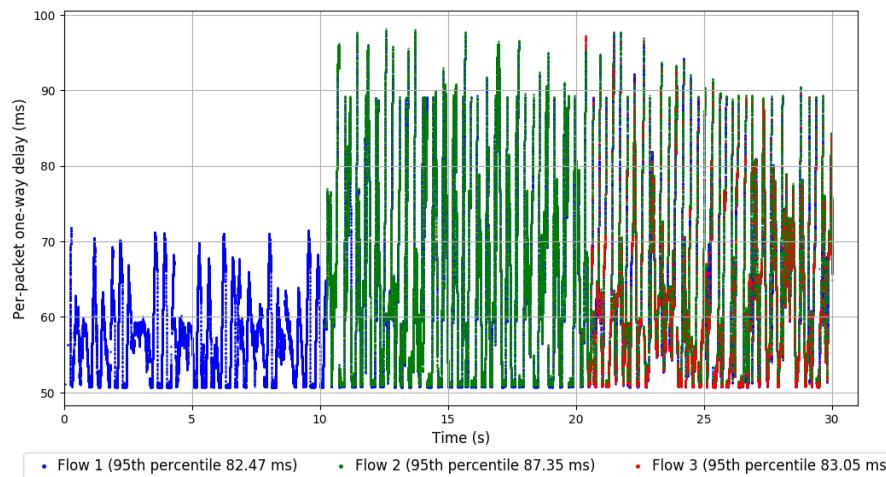
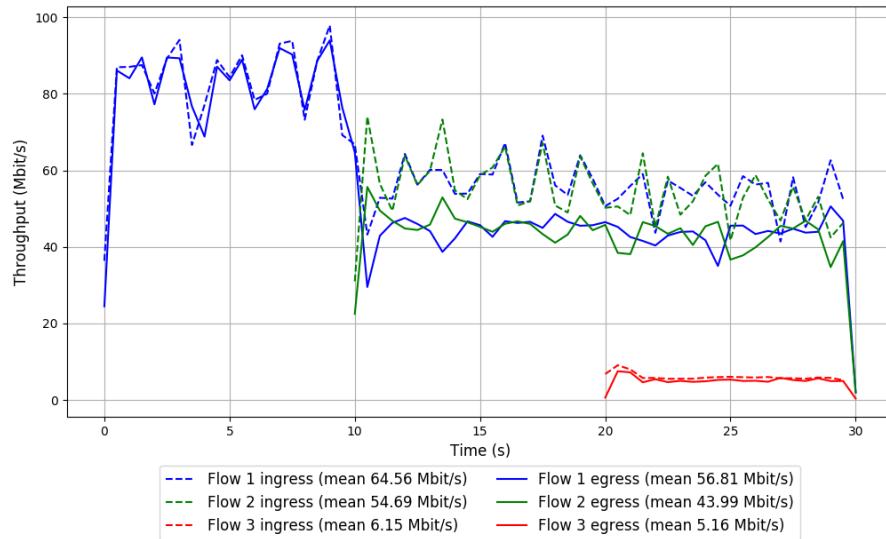


Run 10: Statistics of TaoVA-100x

```
Start at: Tue, 01 Aug 2017 01:32:32 +0000
End at: Tue, 01 Aug 2017 01:33:02 +0000
Local clock offset: 0.805 ms
Remote clock offset: 1.249 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:50:31 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.81 Mbit/s
95th percentile per-packet one-way delay: 84.919 ms
Loss rate: 14.72%
-- Flow 1:
Average throughput: 56.81 Mbit/s
95th percentile per-packet one-way delay: 82.465 ms
Loss rate: 11.97%
-- Flow 2:
Average throughput: 43.99 Mbit/s
95th percentile per-packet one-way delay: 87.349 ms
Loss rate: 19.52%
-- Flow 3:
Average throughput: 5.16 Mbit/s
95th percentile per-packet one-way delay: 83.051 ms
Loss rate: 16.10%
```

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

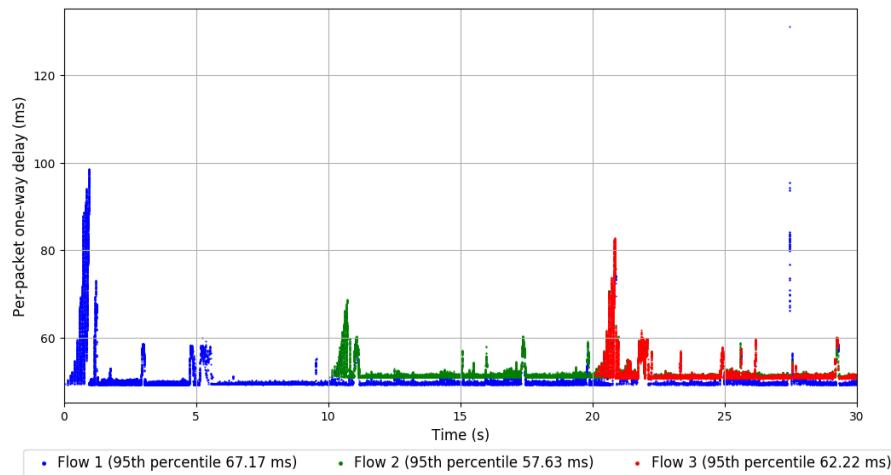
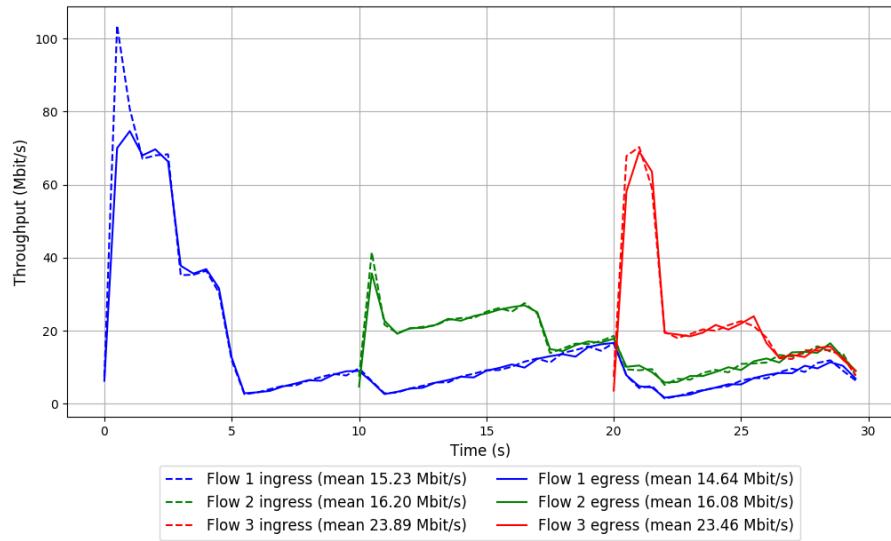


Run 1: Statistics of TCP Vegas

```
Start at: Mon, 31 Jul 2017 22:30:02 +0000
End at: Mon, 31 Jul 2017 22:30:33 +0000
Local clock offset: 0.551 ms
Remote clock offset: 0.271 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:50:34 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 33.12 Mbit/s
95th percentile per-packet one-way delay: 61.118 ms
Loss rate: 2.49%
-- Flow 1:
Average throughput: 14.64 Mbit/s
95th percentile per-packet one-way delay: 67.167 ms
Loss rate: 3.93%
-- Flow 2:
Average throughput: 16.08 Mbit/s
95th percentile per-packet one-way delay: 57.627 ms
Loss rate: 0.97%
-- Flow 3:
Average throughput: 23.46 Mbit/s
95th percentile per-packet one-way delay: 62.222 ms
Loss rate: 1.78%
```

Run 1: Report of TCP Vegas — Data Link

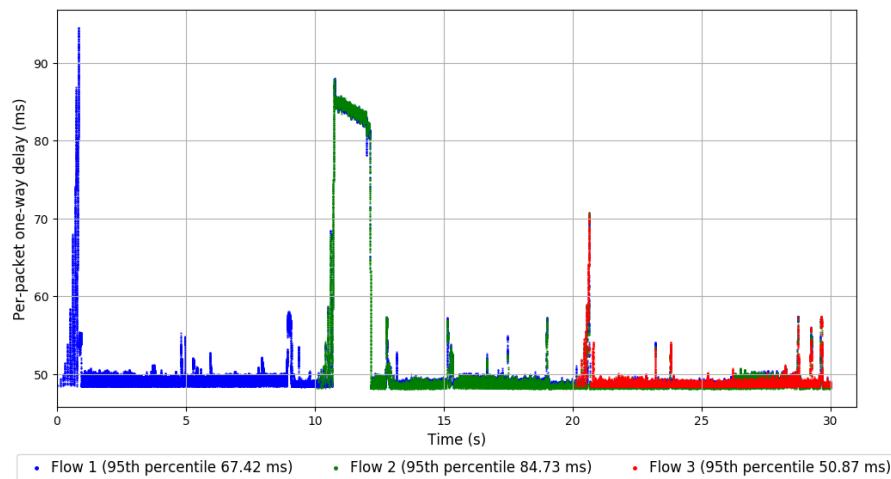
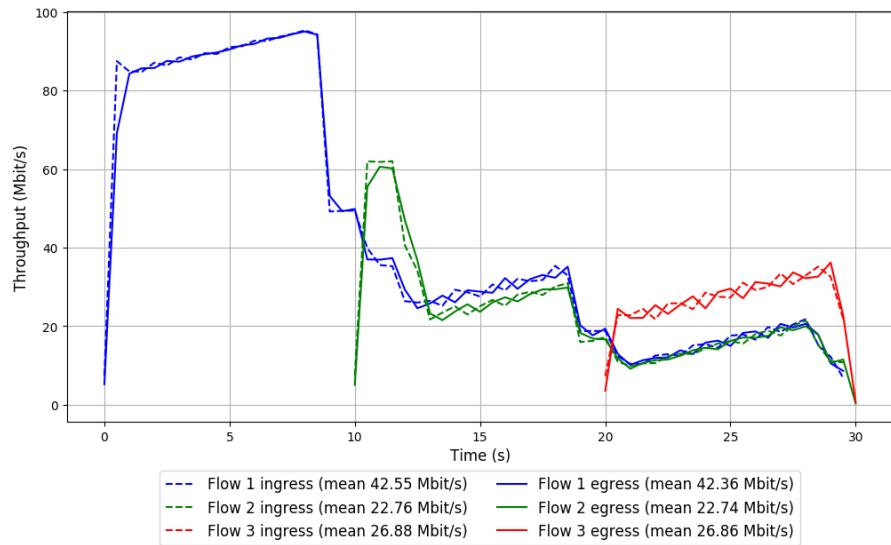


Run 2: Statistics of TCP Vegas

```
Start at: Mon, 31 Jul 2017 22:51:00 +0000
End at: Mon, 31 Jul 2017 22:51:30 +0000
Local clock offset: 0.667 ms
Remote clock offset: -1.731 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:50:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 66.39 Mbit/s
95th percentile per-packet one-way delay: 83.295 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 42.36 Mbit/s
95th percentile per-packet one-way delay: 67.424 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 22.74 Mbit/s
95th percentile per-packet one-way delay: 84.731 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 26.86 Mbit/s
95th percentile per-packet one-way delay: 50.872 ms
Loss rate: 0.26%
```

Run 2: Report of TCP Vegas — Data Link

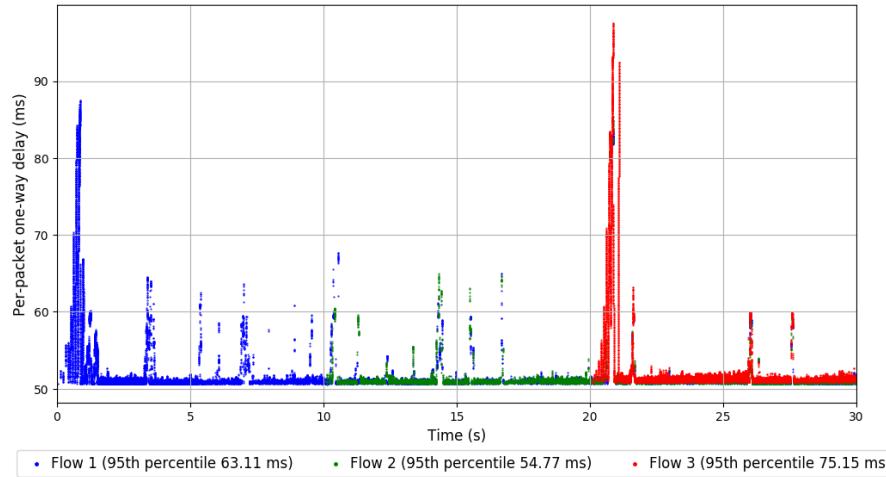
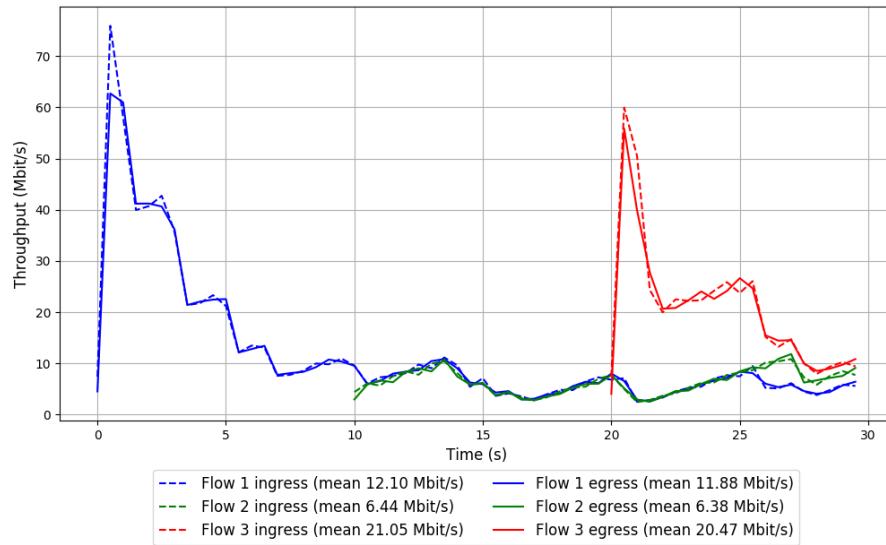


Run 3: Statistics of TCP Vegas

```
Start at: Mon, 31 Jul 2017 23:11:52 +0000
End at: Mon, 31 Jul 2017 23:12:22 +0000
Local clock offset: 0.587 ms
Remote clock offset: 1.026 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:50:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 22.91 Mbit/s
95th percentile per-packet one-way delay: 64.640 ms
Loss rate: 2.07%
-- Flow 1:
Average throughput: 11.88 Mbit/s
95th percentile per-packet one-way delay: 63.111 ms
Loss rate: 1.80%
-- Flow 2:
Average throughput: 6.38 Mbit/s
95th percentile per-packet one-way delay: 54.766 ms
Loss rate: 1.05%
-- Flow 3:
Average throughput: 20.47 Mbit/s
95th percentile per-packet one-way delay: 75.152 ms
Loss rate: 3.16%
```

Run 3: Report of TCP Vegas — Data Link

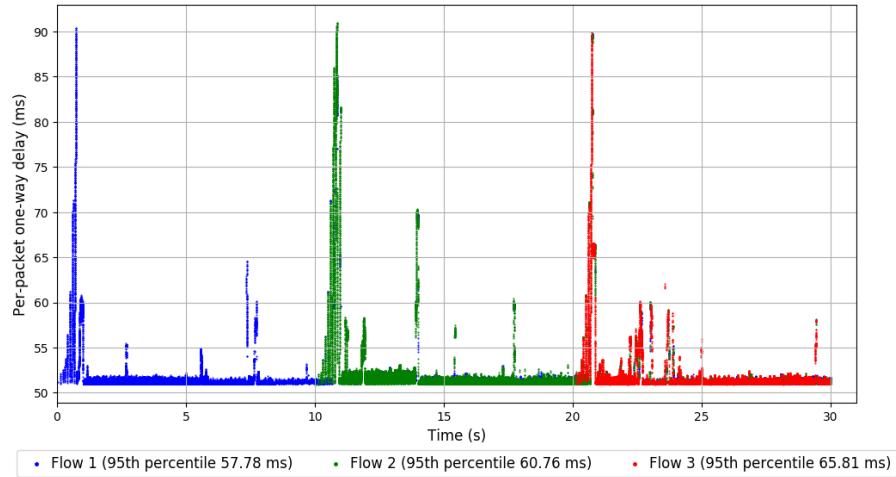
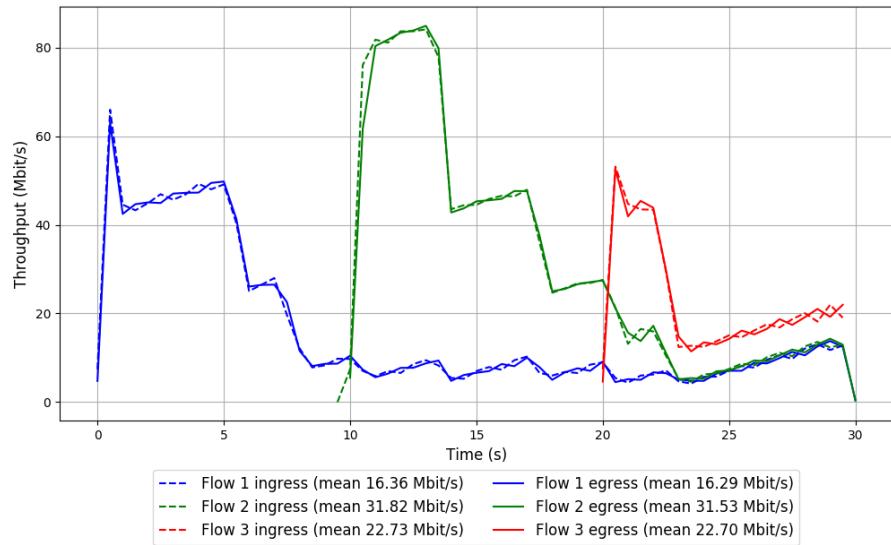


Run 4: Statistics of TCP Vegas

```
Start at: Mon, 31 Jul 2017 23:32:42 +0000
End at: Mon, 31 Jul 2017 23:33:12 +0000
Local clock offset: 0.388 ms
Remote clock offset: 1.197 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:50:44 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 44.82 Mbit/s
95th percentile per-packet one-way delay: 59.535 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 16.29 Mbit/s
95th percentile per-packet one-way delay: 57.785 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 31.53 Mbit/s
95th percentile per-packet one-way delay: 60.764 ms
Loss rate: 0.90%
-- Flow 3:
Average throughput: 22.70 Mbit/s
95th percentile per-packet one-way delay: 65.806 ms
Loss rate: 0.13%
```

Run 4: Report of TCP Vegas — Data Link

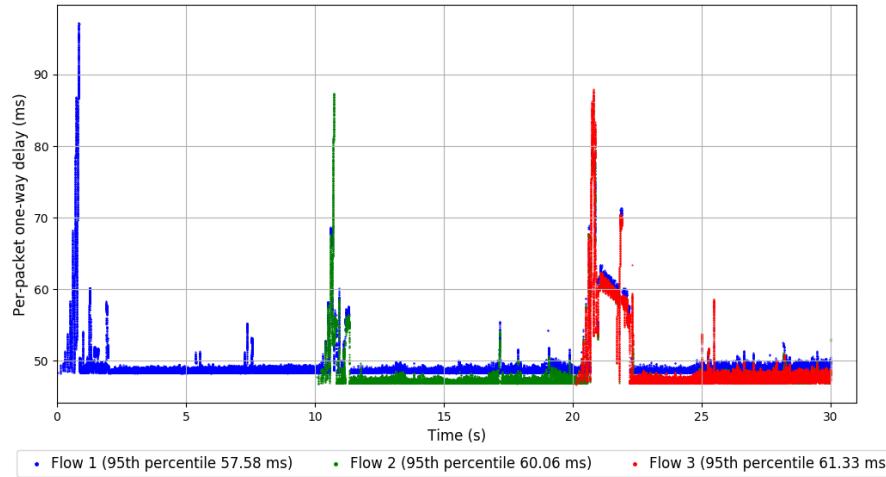
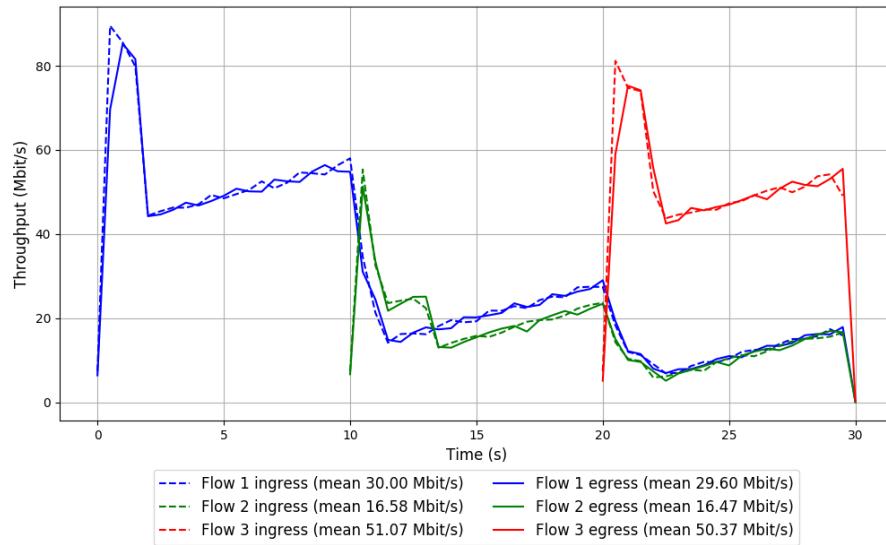


Run 5: Statistics of TCP Vegas

```
Start at: Mon, 31 Jul 2017 23:53:34 +0000
End at: Mon, 31 Jul 2017 23:54:04 +0000
Local clock offset: 0.521 ms
Remote clock offset: -1.071 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:50:48 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 57.28 Mbit/s
95th percentile per-packet one-way delay: 60.412 ms
Loss rate: 1.25%
-- Flow 1:
Average throughput: 29.60 Mbit/s
95th percentile per-packet one-way delay: 57.579 ms
Loss rate: 1.32%
-- Flow 2:
Average throughput: 16.47 Mbit/s
95th percentile per-packet one-way delay: 60.058 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 50.37 Mbit/s
95th percentile per-packet one-way delay: 61.334 ms
Loss rate: 1.51%
```

Run 5: Report of TCP Vegas — Data Link

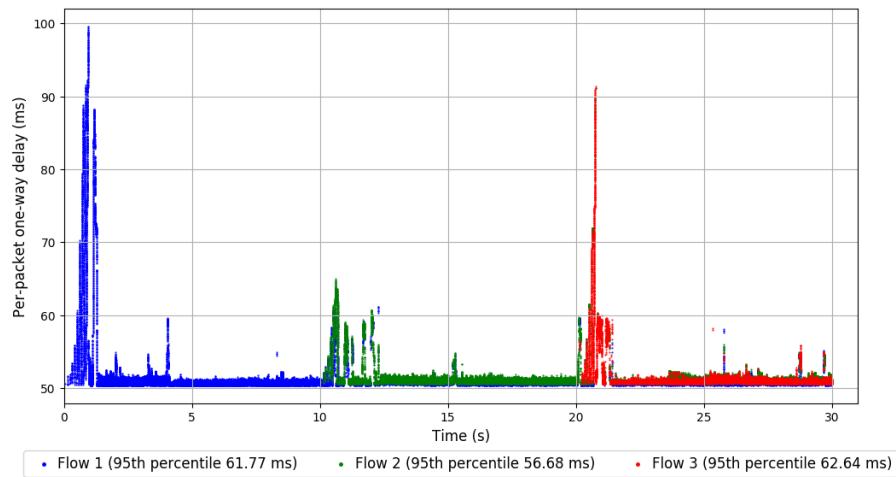
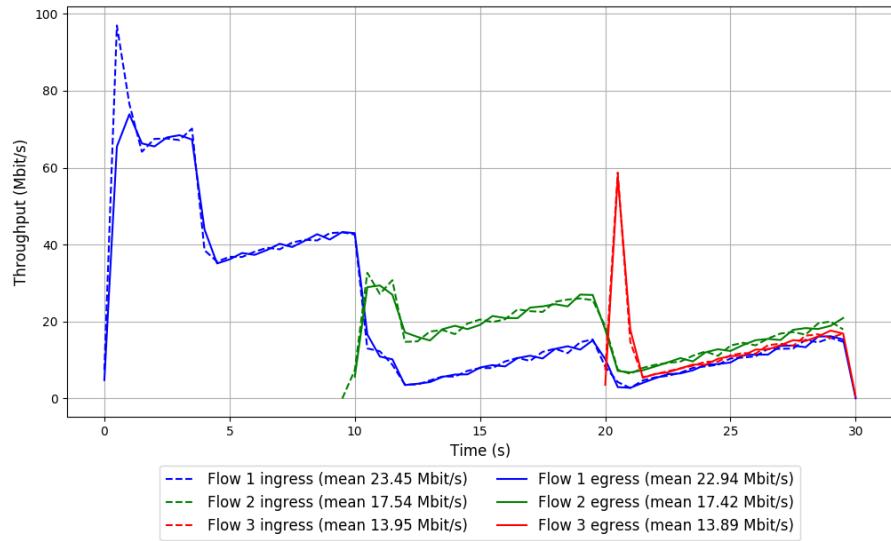


Run 6: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 00:15:02 +0000
End at: Tue, 01 Aug 2017 00:15:32 +0000
Local clock offset: 0.603 ms
Remote clock offset: 1.064 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:50:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 39.15 Mbit/s
95th percentile per-packet one-way delay: 59.241 ms
Loss rate: 1.56%
-- Flow 1:
Average throughput: 22.94 Mbit/s
95th percentile per-packet one-way delay: 61.769 ms
Loss rate: 2.22%
-- Flow 2:
Average throughput: 17.42 Mbit/s
95th percentile per-packet one-way delay: 56.676 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 13.89 Mbit/s
95th percentile per-packet one-way delay: 62.642 ms
Loss rate: 0.42%
```

Run 6: Report of TCP Vegas — Data Link

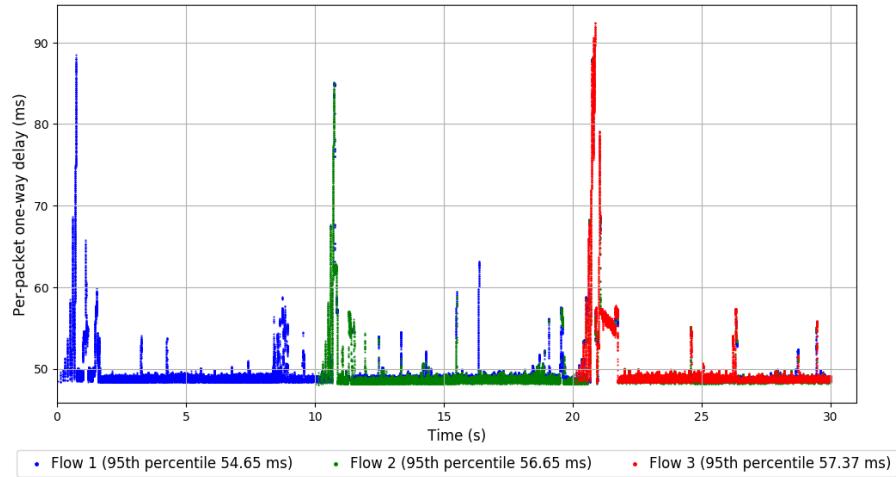
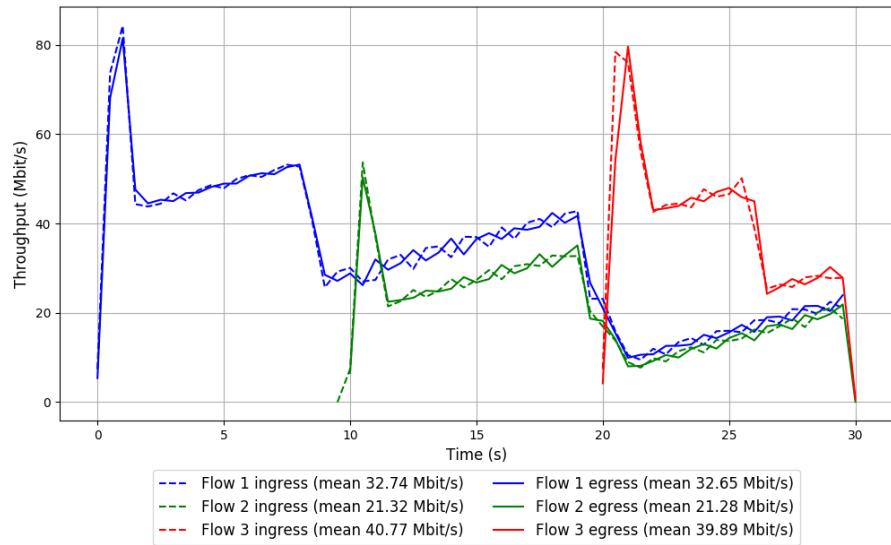


Run 7: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 00:36:12 +0000
End at: Tue, 01 Aug 2017 00:36:42 +0000
Local clock offset: 0.706 ms
Remote clock offset: -1.156 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:50:58 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 60.07 Mbit/s
95th percentile per-packet one-way delay: 56.632 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 32.65 Mbit/s
95th percentile per-packet one-way delay: 54.645 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 21.28 Mbit/s
95th percentile per-packet one-way delay: 56.648 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 39.89 Mbit/s
95th percentile per-packet one-way delay: 57.366 ms
Loss rate: 2.16%
```

Run 7: Report of TCP Vegas — Data Link

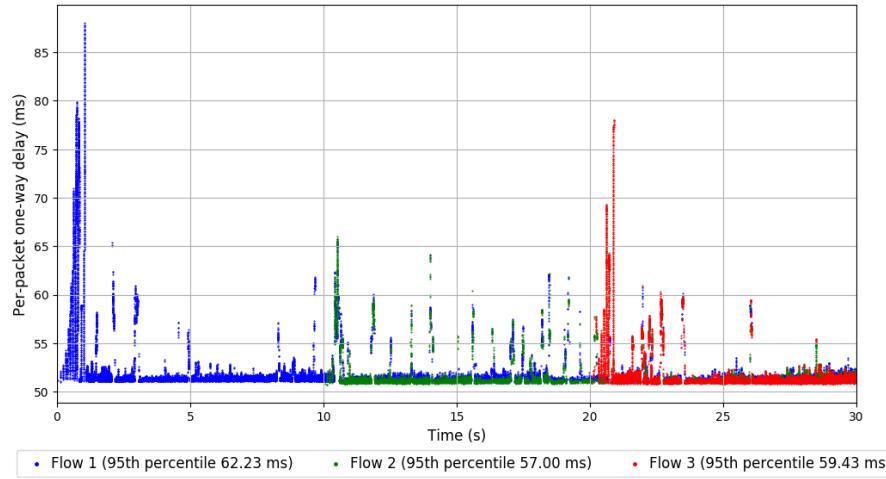
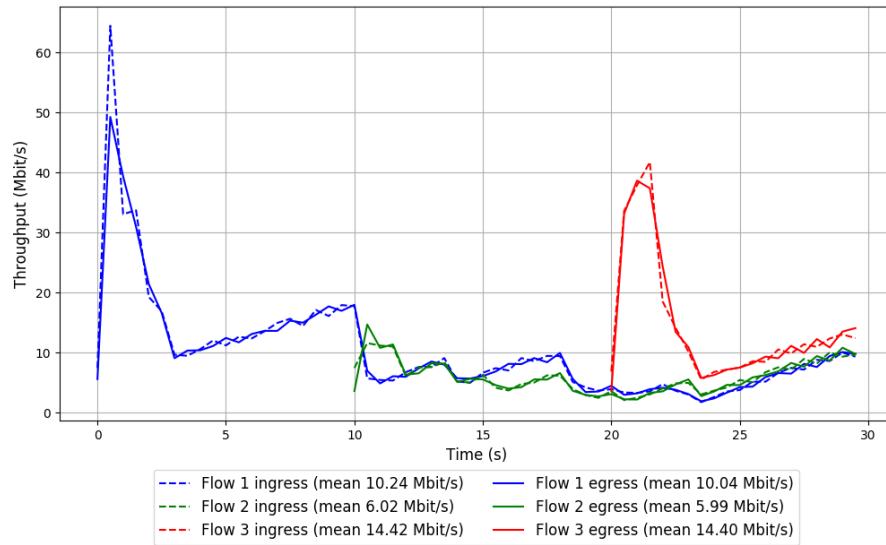


Run 8: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 00:57:13 +0000
End at: Tue, 01 Aug 2017 00:57:43 +0000
Local clock offset: 0.741 ms
Remote clock offset: 1.445 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:50:58 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.80 Mbit/s
95th percentile per-packet one-way delay: 59.650 ms
Loss rate: 1.24%
-- Flow 1:
Average throughput: 10.04 Mbit/s
95th percentile per-packet one-way delay: 62.226 ms
Loss rate: 1.95%
-- Flow 2:
Average throughput: 5.99 Mbit/s
95th percentile per-packet one-way delay: 56.999 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 14.40 Mbit/s
95th percentile per-packet one-way delay: 59.430 ms
Loss rate: 0.28%
```

Run 8: Report of TCP Vegas — Data Link

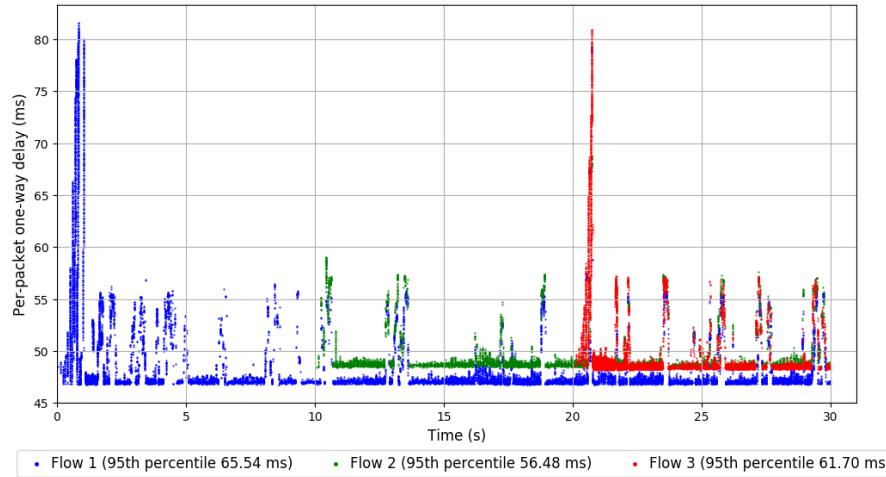
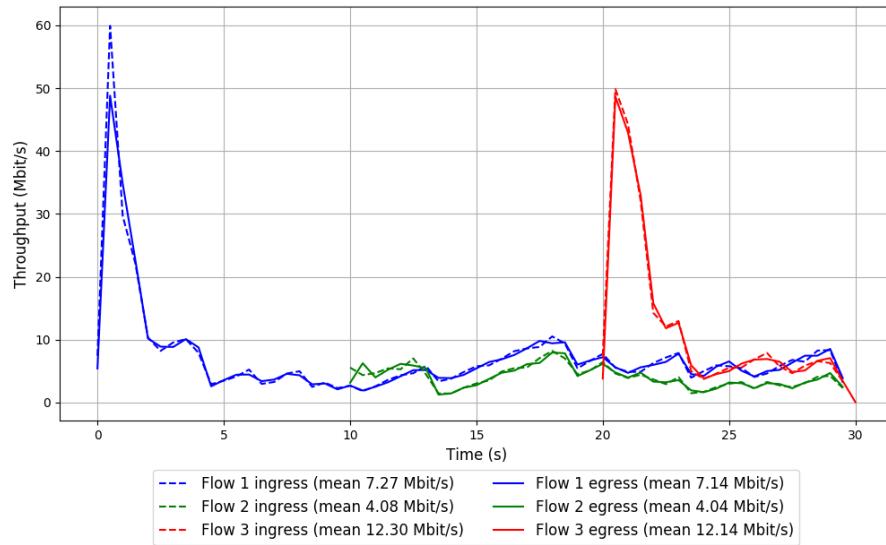


Run 9: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 01:19:13 +0000
End at: Tue, 01 Aug 2017 01:19:43 +0000
Local clock offset: 0.746 ms
Remote clock offset: -1.129 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:50:58 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.86 Mbit/s
95th percentile per-packet one-way delay: 60.632 ms
Loss rate: 1.51%
-- Flow 1:
Average throughput: 7.14 Mbit/s
95th percentile per-packet one-way delay: 65.540 ms
Loss rate: 1.88%
-- Flow 2:
Average throughput: 4.04 Mbit/s
95th percentile per-packet one-way delay: 56.484 ms
Loss rate: 0.83%
-- Flow 3:
Average throughput: 12.14 Mbit/s
95th percentile per-packet one-way delay: 61.696 ms
Loss rate: 1.31%
```

Run 9: Report of TCP Vegas — Data Link

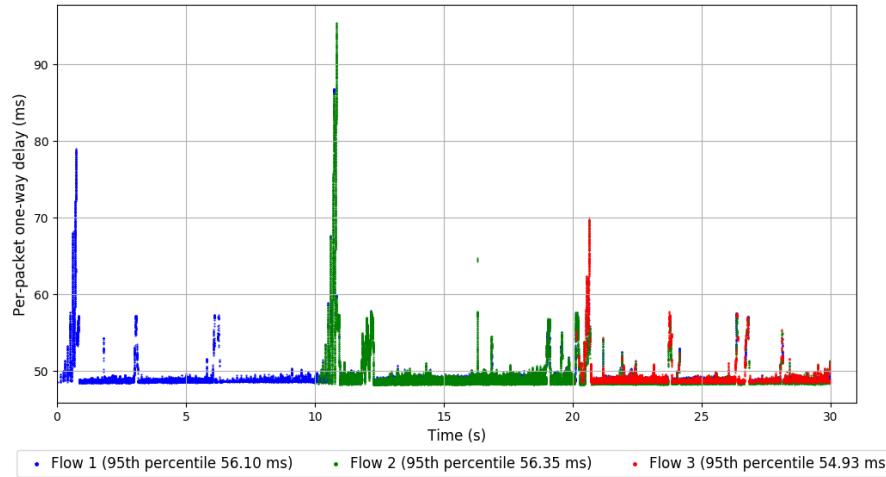
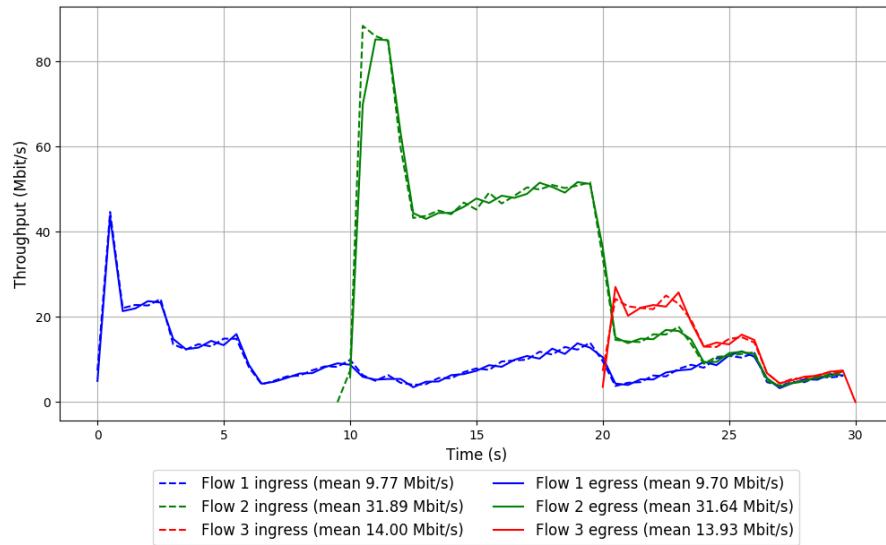


Run 10: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 01:41:43 +0000
End at: Tue, 01 Aug 2017 01:42:13 +0000
Local clock offset: 0.692 ms
Remote clock offset: -1.532 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:51:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 35.36 Mbit/s
95th percentile per-packet one-way delay: 56.234 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 9.70 Mbit/s
95th percentile per-packet one-way delay: 56.102 ms
Loss rate: 0.76%
-- Flow 2:
Average throughput: 31.64 Mbit/s
95th percentile per-packet one-way delay: 56.352 ms
Loss rate: 1.06%
-- Flow 3:
Average throughput: 13.93 Mbit/s
95th percentile per-packet one-way delay: 54.926 ms
Loss rate: 0.46%
```

Run 10: Report of TCP Vegas — Data Link

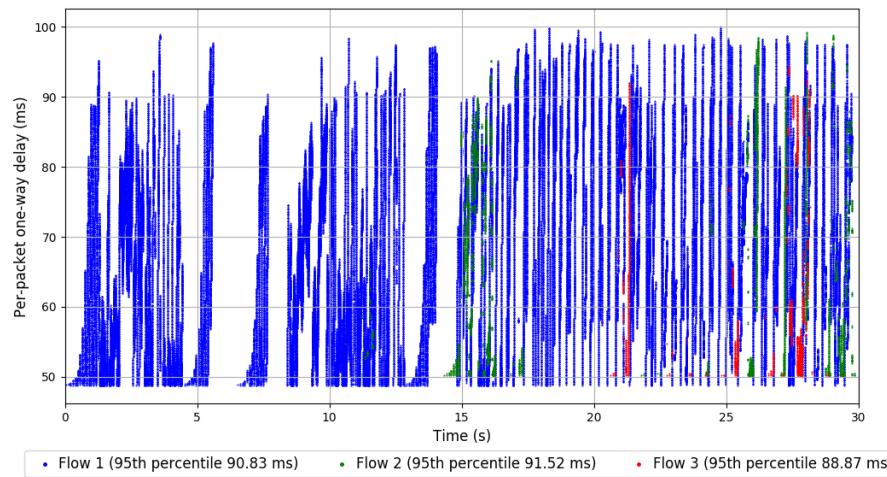
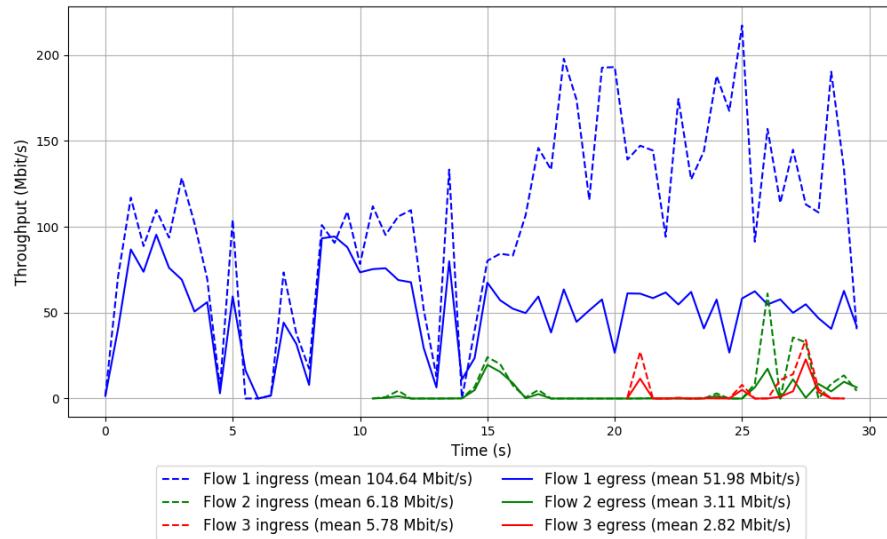


Run 1: Statistics of Verus

```
Start at: Mon, 31 Jul 2017 22:16:03 +0000
End at: Mon, 31 Jul 2017 22:16:33 +0000
Local clock offset: 0.59 ms
Remote clock offset: -0.585 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:51:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 54.61 Mbit/s
95th percentile per-packet one-way delay: 90.805 ms
Loss rate: 50.27%
-- Flow 1:
Average throughput: 51.98 Mbit/s
95th percentile per-packet one-way delay: 90.829 ms
Loss rate: 50.27%
-- Flow 2:
Average throughput: 3.11 Mbit/s
95th percentile per-packet one-way delay: 91.520 ms
Loss rate: 49.67%
-- Flow 3:
Average throughput: 2.82 Mbit/s
95th percentile per-packet one-way delay: 88.874 ms
Loss rate: 51.70%
```

Run 1: Report of Verus — Data Link

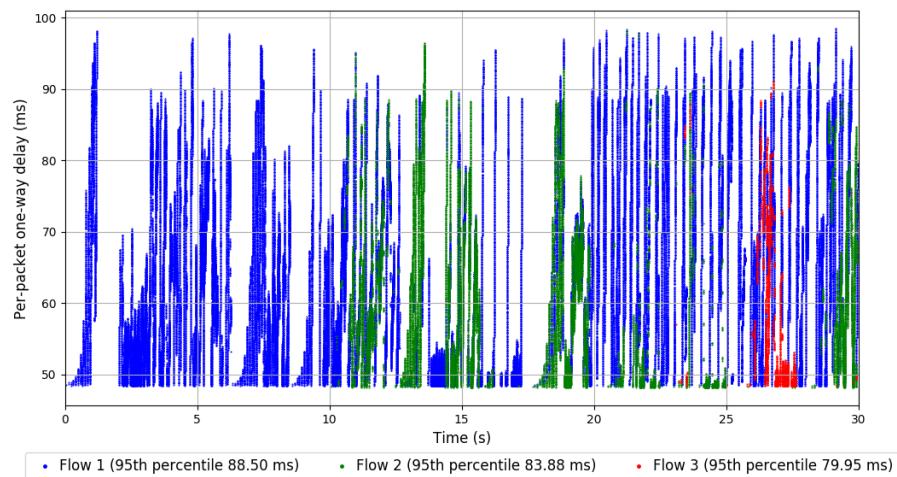
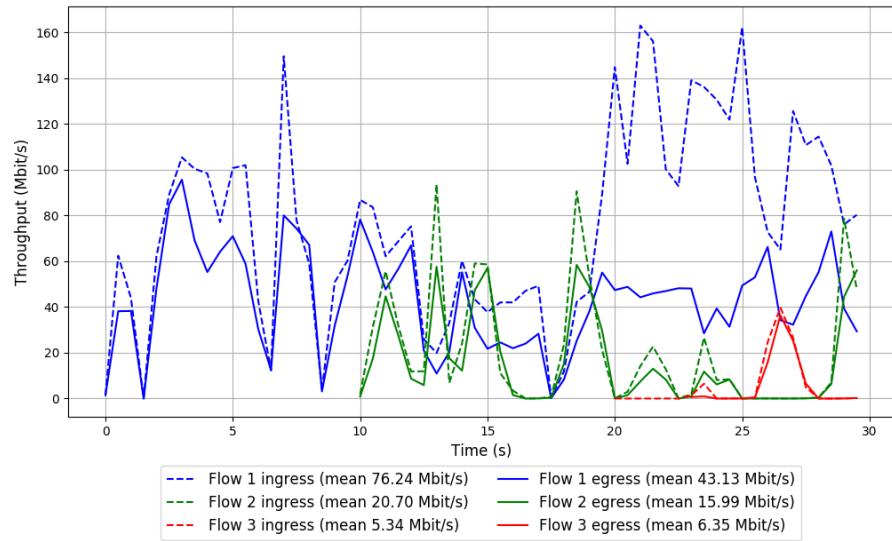


Run 2: Statistics of Verus

```
Start at: Mon, 31 Jul 2017 22:37:01 +0000
End at: Mon, 31 Jul 2017 22:37:31 +0000
Local clock offset: 0.561 ms
Remote clock offset: -2.055 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:51:10 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 55.20 Mbit/s
95th percentile per-packet one-way delay: 87.822 ms
Loss rate: 39.77%
-- Flow 1:
Average throughput: 43.13 Mbit/s
95th percentile per-packet one-way delay: 88.496 ms
Loss rate: 43.36%
-- Flow 2:
Average throughput: 15.99 Mbit/s
95th percentile per-packet one-way delay: 83.880 ms
Loss rate: 22.66%
-- Flow 3:
Average throughput: 6.35 Mbit/s
95th percentile per-packet one-way delay: 79.946 ms
Loss rate: 17.46%
```

Run 2: Report of Verus — Data Link

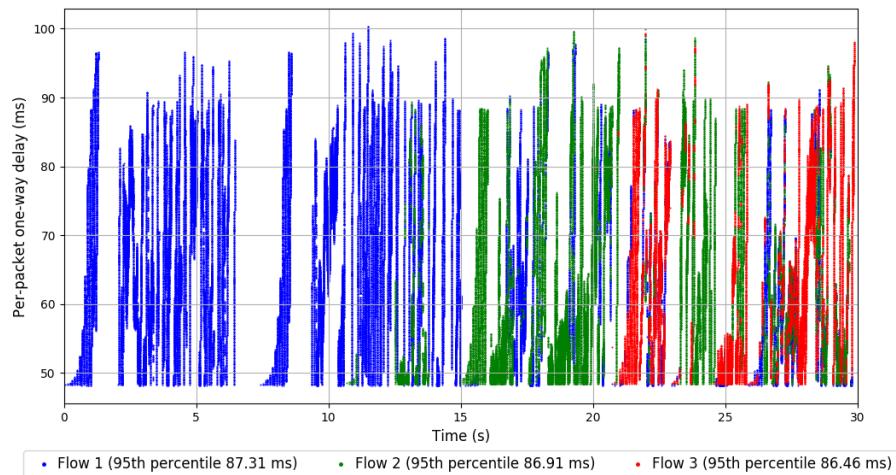
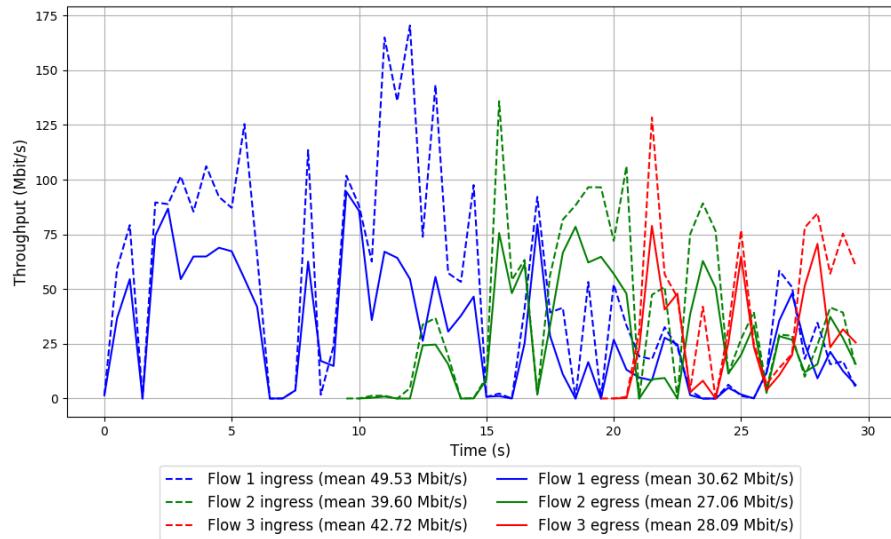


Run 3: Statistics of Verus

```
Start at: Mon, 31 Jul 2017 22:57:59 +0000
End at: Mon, 31 Jul 2017 22:58:29 +0000
Local clock offset: 0.681 ms
Remote clock offset: -1.583 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:51:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 57.78 Mbit/s
95th percentile per-packet one-way delay: 87.025 ms
Loss rate: 35.64%
-- Flow 1:
Average throughput: 30.62 Mbit/s
95th percentile per-packet one-way delay: 87.305 ms
Loss rate: 38.19%
-- Flow 2:
Average throughput: 27.06 Mbit/s
95th percentile per-packet one-way delay: 86.908 ms
Loss rate: 31.64%
-- Flow 3:
Average throughput: 28.09 Mbit/s
95th percentile per-packet one-way delay: 86.459 ms
Loss rate: 34.15%
```

Run 3: Report of Verus — Data Link

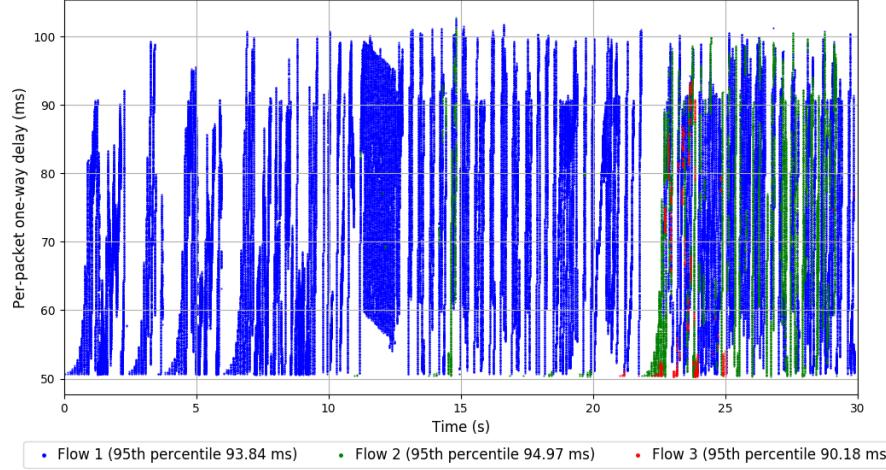
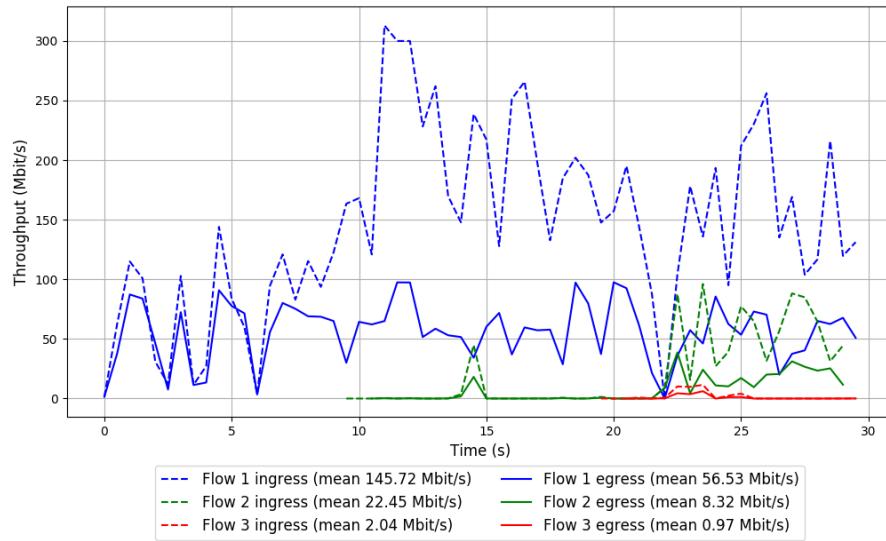


Run 4: Statistics of Verus

```
Start at: Mon, 31 Jul 2017 23:18:47 +0000
End at: Mon, 31 Jul 2017 23:19:17 +0000
Local clock offset: 0.411 ms
Remote clock offset: 0.733 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:51:21 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 61.93 Mbit/s
95th percentile per-packet one-way delay: 93.947 ms
Loss rate: 61.53%
-- Flow 1:
Average throughput: 56.53 Mbit/s
95th percentile per-packet one-way delay: 93.836 ms
Loss rate: 61.21%
-- Flow 2:
Average throughput: 8.32 Mbit/s
95th percentile per-packet one-way delay: 94.970 ms
Loss rate: 64.99%
-- Flow 3:
Average throughput: 0.97 Mbit/s
95th percentile per-packet one-way delay: 90.179 ms
Loss rate: 56.96%
```

Run 4: Report of Verus — Data Link

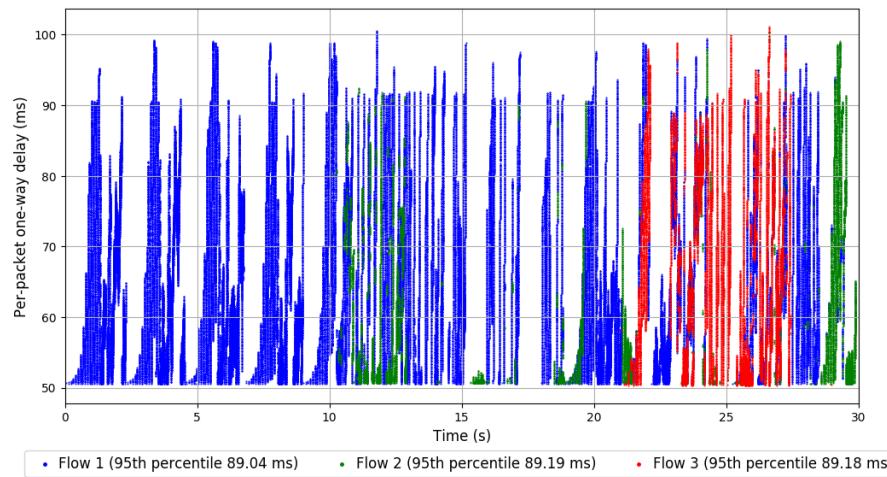
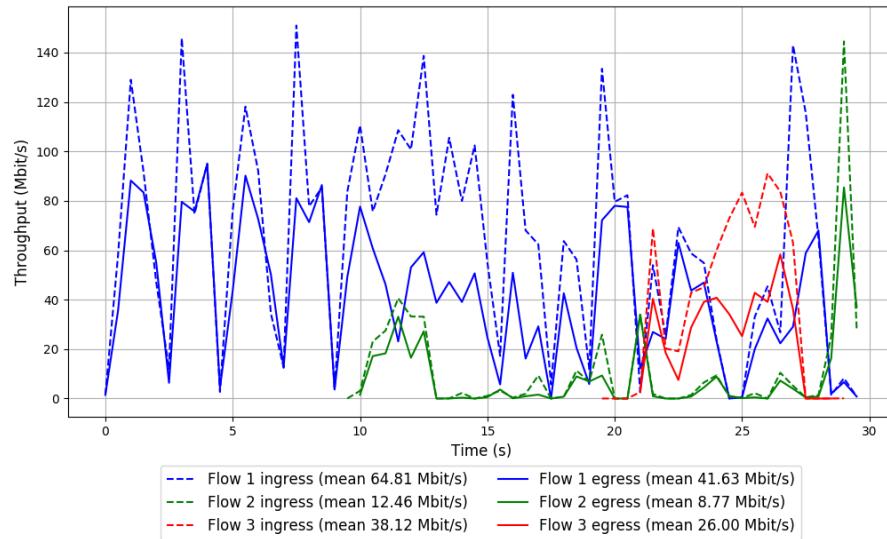


Run 5: Statistics of Verus

```
Start at: Mon, 31 Jul 2017 23:39:38 +0000
End at: Mon, 31 Jul 2017 23:40:08 +0000
Local clock offset: 0.442 ms
Remote clock offset: 0.881 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:51:26 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 54.39 Mbit/s
95th percentile per-packet one-way delay: 89.093 ms
Loss rate: 36.14%
-- Flow 1:
Average throughput: 41.63 Mbit/s
95th percentile per-packet one-way delay: 89.044 ms
Loss rate: 35.74%
-- Flow 2:
Average throughput: 8.77 Mbit/s
95th percentile per-packet one-way delay: 89.186 ms
Loss rate: 29.59%
-- Flow 3:
Average throughput: 26.00 Mbit/s
95th percentile per-packet one-way delay: 89.179 ms
Loss rate: 42.79%
```

Run 5: Report of Verus — Data Link

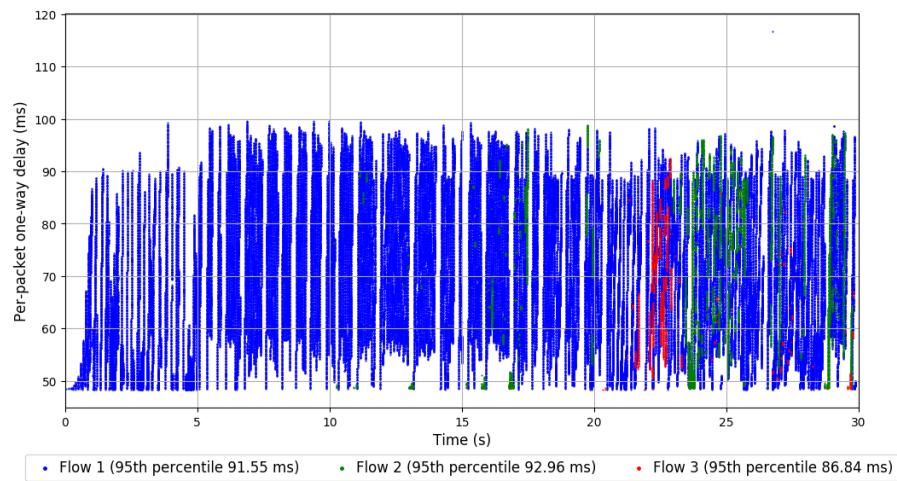
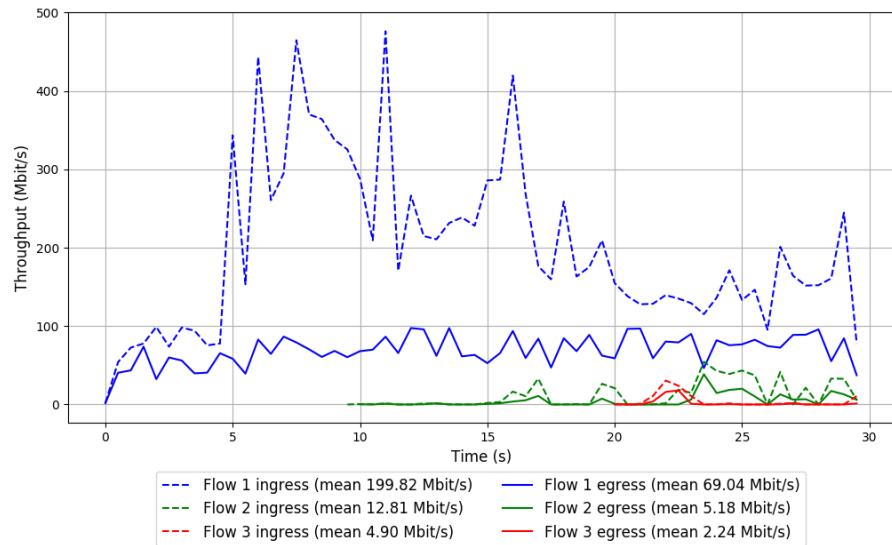


Run 6: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 00:00:34 +0000
End at: Tue, 01 Aug 2017 00:01:04 +0000
Local clock offset: 0.509 ms
Remote clock offset: -1.011 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:51:36 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 73.17 Mbit/s
95th percentile per-packet one-way delay: 91.591 ms
Loss rate: 65.13%
-- Flow 1:
Average throughput: 69.04 Mbit/s
95th percentile per-packet one-way delay: 91.553 ms
Loss rate: 65.45%
-- Flow 2:
Average throughput: 5.18 Mbit/s
95th percentile per-packet one-way delay: 92.959 ms
Loss rate: 59.58%
-- Flow 3:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 86.840 ms
Loss rate: 54.15%
```

Run 6: Report of Verus — Data Link

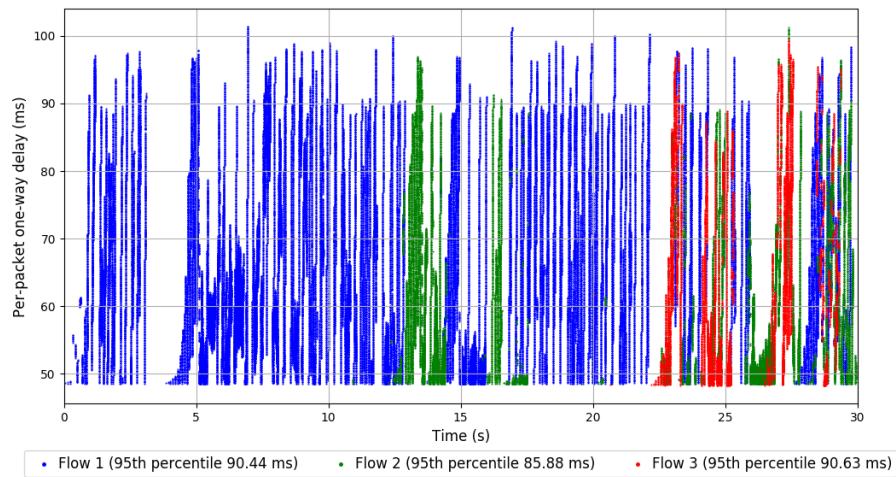
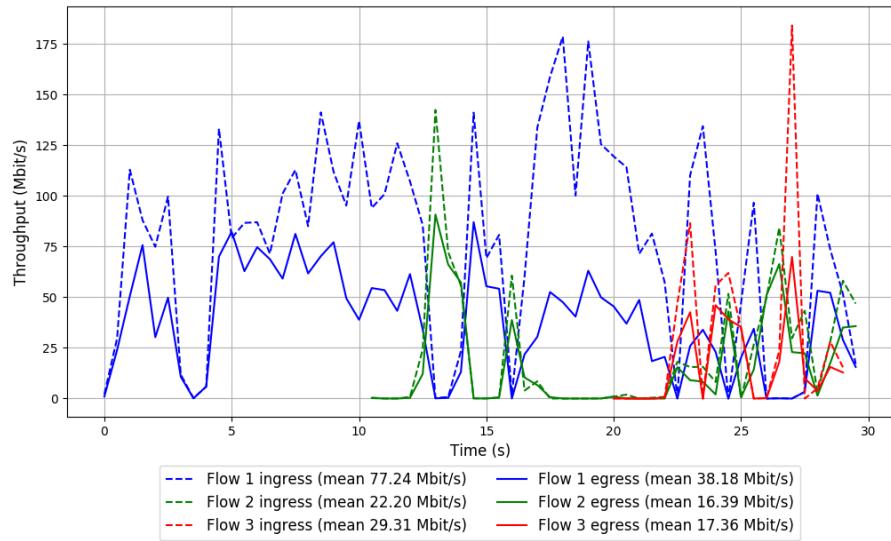


Run 7: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 00:22:04 +0000
End at: Tue, 01 Aug 2017 00:22:34 +0000
Local clock offset: 0.63 ms
Remote clock offset: -1.027 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:51:36 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.87 Mbit/s
95th percentile per-packet one-way delay: 89.734 ms
Loss rate: 46.14%
-- Flow 1:
Average throughput: 38.18 Mbit/s
95th percentile per-packet one-way delay: 90.436 ms
Loss rate: 50.51%
-- Flow 2:
Average throughput: 16.39 Mbit/s
95th percentile per-packet one-way delay: 85.875 ms
Loss rate: 26.17%
-- Flow 3:
Average throughput: 17.36 Mbit/s
95th percentile per-packet one-way delay: 90.634 ms
Loss rate: 40.63%
```

Run 7: Report of Verus — Data Link

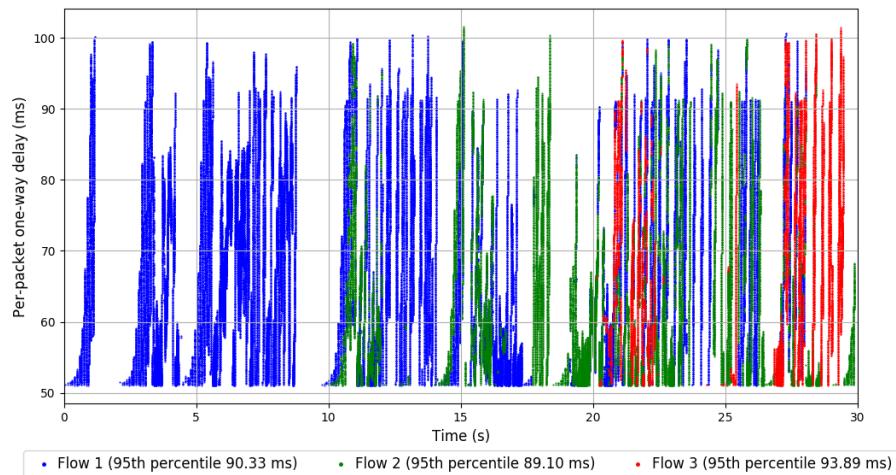
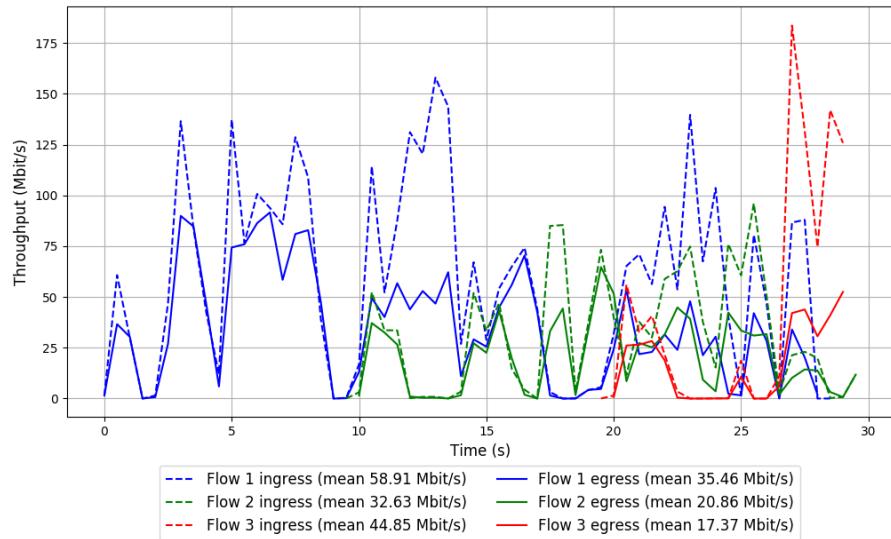


Run 8: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 00:43:16 +0000
End at: Tue, 01 Aug 2017 00:43:46 +0000
Local clock offset: 0.819 ms
Remote clock offset: 1.604 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:51:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 52.67 Mbit/s
95th percentile per-packet one-way delay: 90.354 ms
Loss rate: 43.40%
-- Flow 1:
Average throughput: 35.46 Mbit/s
95th percentile per-packet one-way delay: 90.325 ms
Loss rate: 41.81%
-- Flow 2:
Average throughput: 20.86 Mbit/s
95th percentile per-packet one-way delay: 89.104 ms
Loss rate: 36.02%
-- Flow 3:
Average throughput: 17.37 Mbit/s
95th percentile per-packet one-way delay: 93.893 ms
Loss rate: 61.13%
```

Run 8: Report of Verus — Data Link

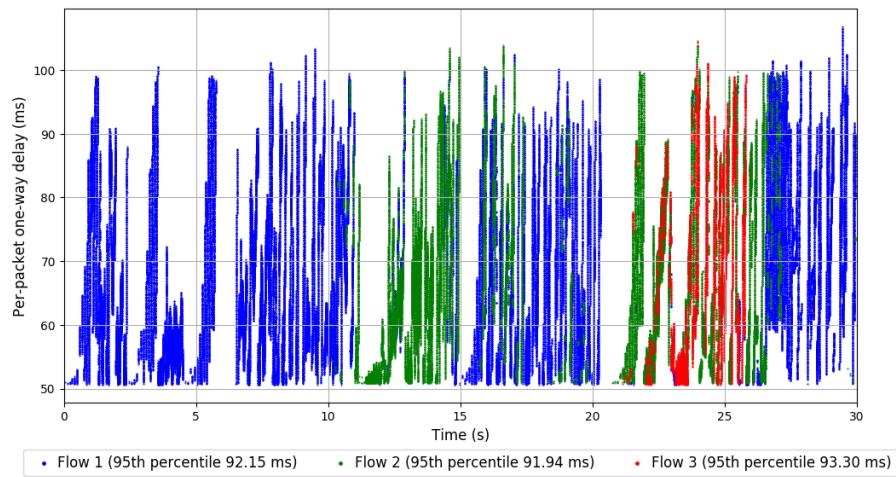
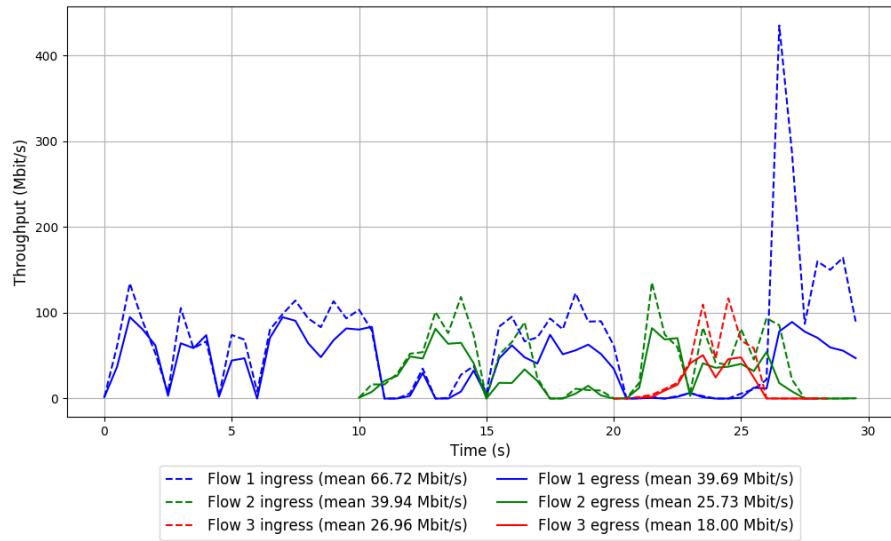


Run 9: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 01:04:30 +0000
End at: Tue, 01 Aug 2017 01:05:00 +0000
Local clock offset: 0.861 ms
Remote clock offset: 1.359 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:51:46 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 61.19 Mbit/s
95th percentile per-packet one-way delay: 92.175 ms
Loss rate: 39.52%
-- Flow 1:
Average throughput: 39.69 Mbit/s
95th percentile per-packet one-way delay: 92.153 ms
Loss rate: 40.43%
-- Flow 2:
Average throughput: 25.73 Mbit/s
95th percentile per-packet one-way delay: 91.936 ms
Loss rate: 35.53%
-- Flow 3:
Average throughput: 18.00 Mbit/s
95th percentile per-packet one-way delay: 93.297 ms
Loss rate: 45.12%
```

Run 9: Report of Verus — Data Link

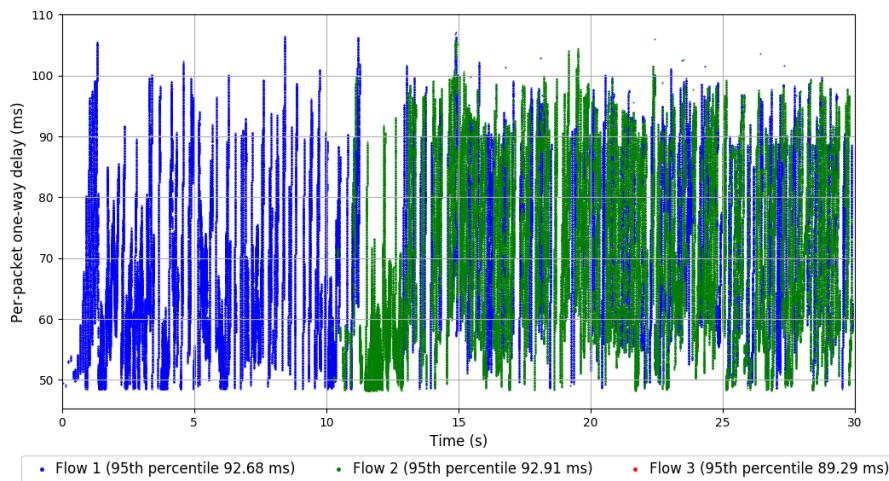
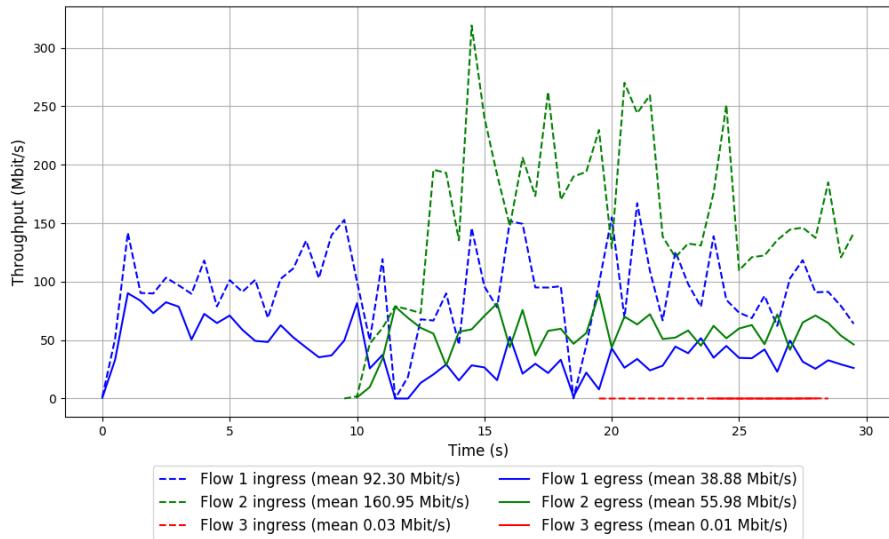


Run 10: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 01:26:31 +0000
End at: Tue, 01 Aug 2017 01:27:01 +0000
Local clock offset: 0.717 ms
Remote clock offset: -1.214 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:52:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 76.15 Mbit/s
95th percentile per-packet one-way delay: 92.805 ms
Loss rate: 61.84%
-- Flow 1:
Average throughput: 38.88 Mbit/s
95th percentile per-packet one-way delay: 92.683 ms
Loss rate: 57.87%
-- Flow 2:
Average throughput: 55.98 Mbit/s
95th percentile per-packet one-way delay: 92.905 ms
Loss rate: 65.25%
-- Flow 3:
Average throughput: 0.01 Mbit/s
95th percentile per-packet one-way delay: 89.292 ms
Loss rate: 77.27%
```

Run 10: Report of Verus — Data Link

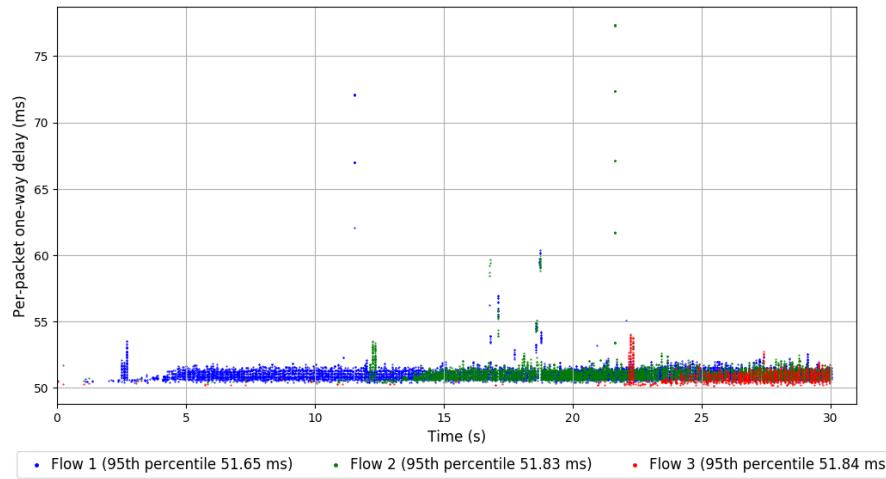
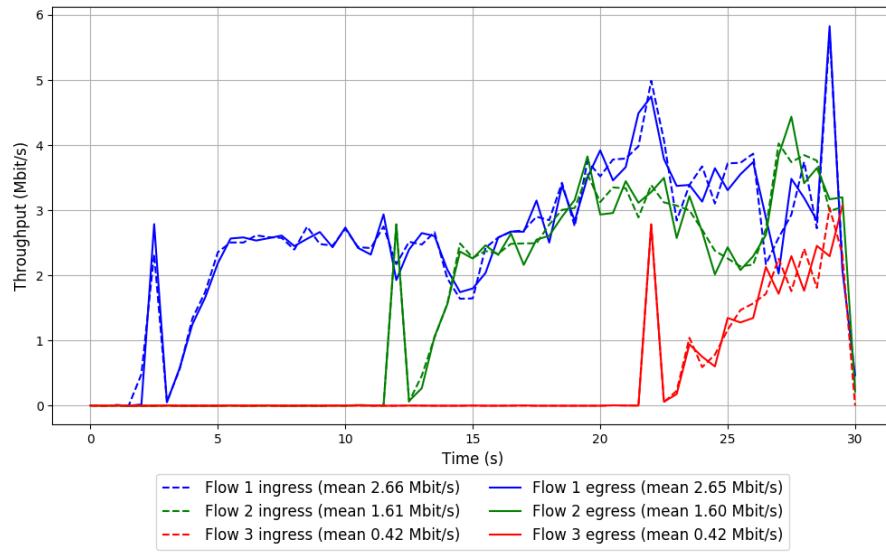


```
Run 1: Statistics of WebRTC media

Start at: Mon, 31 Jul 2017 22:11:56 +0000
End at: Mon, 31 Jul 2017 22:12:26 +0000
Local clock offset: 0.511 ms
Remote clock offset: -0.539 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:52:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.58 Mbit/s
95th percentile per-packet one-way delay: 51.722 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 2.65 Mbit/s
95th percentile per-packet one-way delay: 51.650 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 1.60 Mbit/s
95th percentile per-packet one-way delay: 51.831 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 51.835 ms
Loss rate: 0.01%
```

Run 1: Report of WebRTC media — Data Link

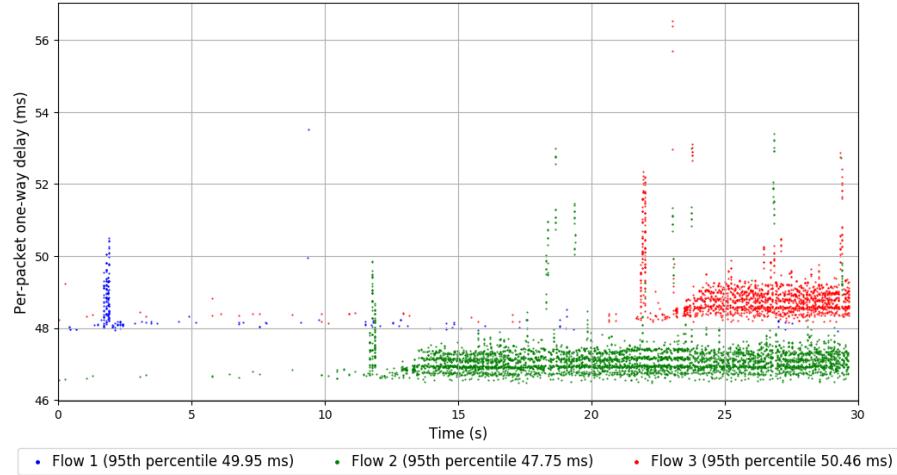
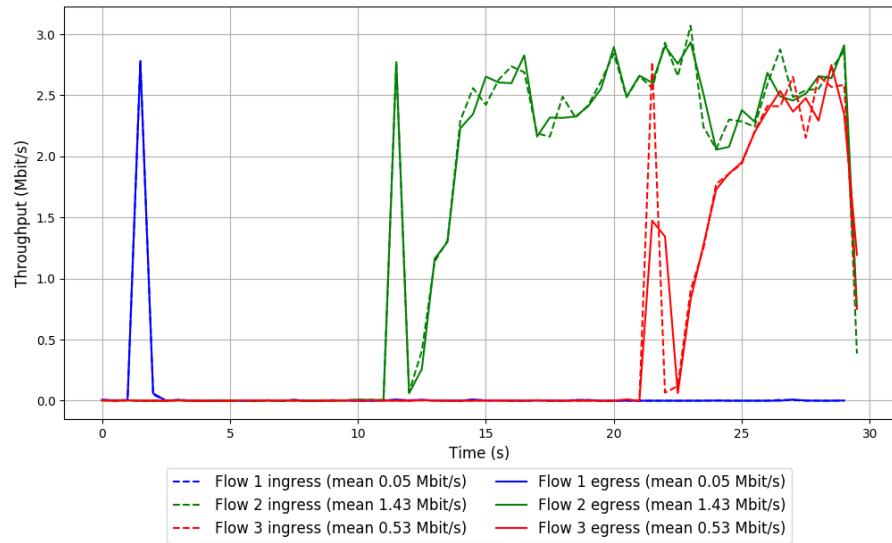


```
Run 2: Statistics of WebRTC media

Start at: Mon, 31 Jul 2017 22:32:51 +0000
End at: Mon, 31 Jul 2017 22:33:21 +0000
Local clock offset: 0.589 ms
Remote clock offset: -2.166 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:52:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.00 Mbit/s
95th percentile per-packet one-way delay: 49.358 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 49.945 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.43 Mbit/s
95th percentile per-packet one-way delay: 47.750 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.53 Mbit/s
95th percentile per-packet one-way delay: 50.464 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

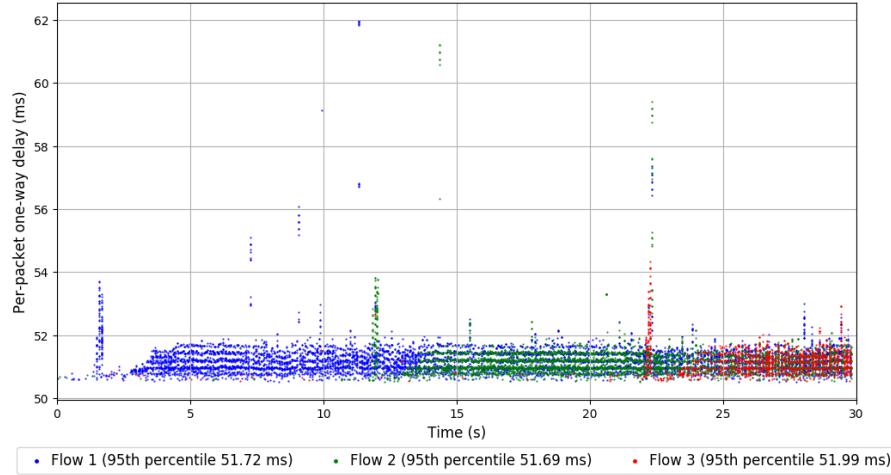
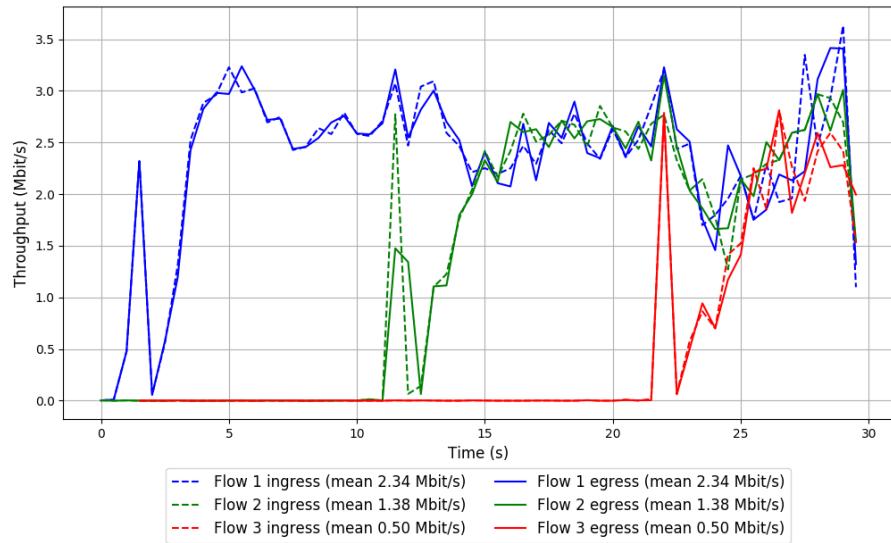


```
Run 3: Statistics of WebRTC media

Start at: Mon, 31 Jul 2017 22:53:50 +0000
End at: Mon, 31 Jul 2017 22:54:20 +0000
Local clock offset: 0.573 ms
Remote clock offset: 0.796 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:52:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.18 Mbit/s
95th percentile per-packet one-way delay: 51.727 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 51.721 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.38 Mbit/s
95th percentile per-packet one-way delay: 51.686 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 51.988 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

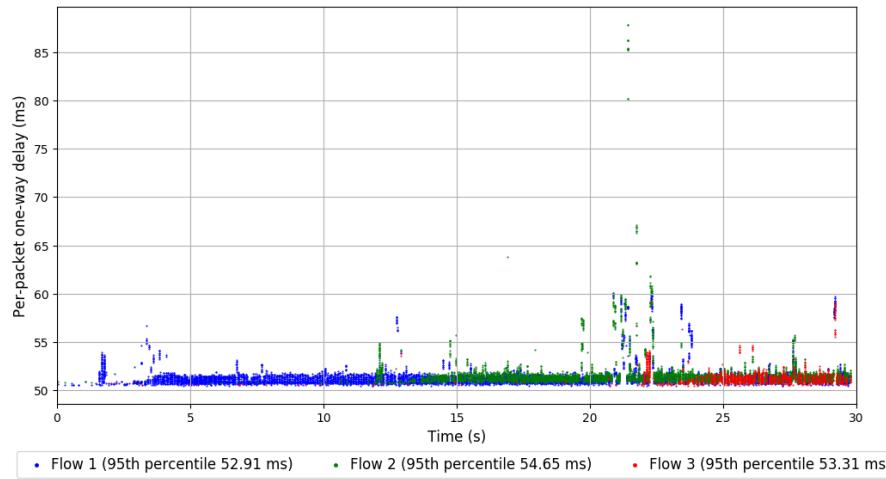
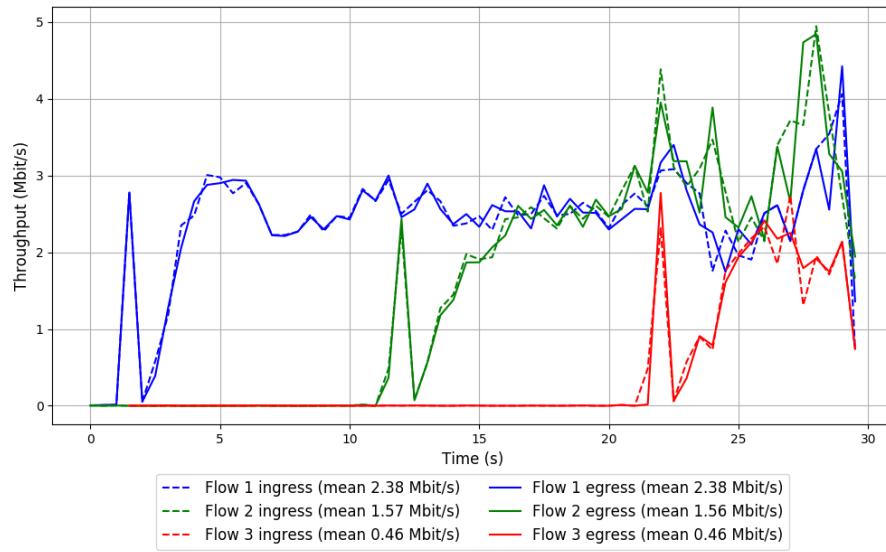


Run 4: Statistics of WebRTC media

```
Start at: Mon, 31 Jul 2017 23:14:39 +0000
End at: Mon, 31 Jul 2017 23:15:09 +0000
Local clock offset: 0.562 ms
Remote clock offset: 1.102 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:52:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.37 Mbit/s
95th percentile per-packet one-way delay: 53.458 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 52.911 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 1.56 Mbit/s
95th percentile per-packet one-way delay: 54.651 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 53.314 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

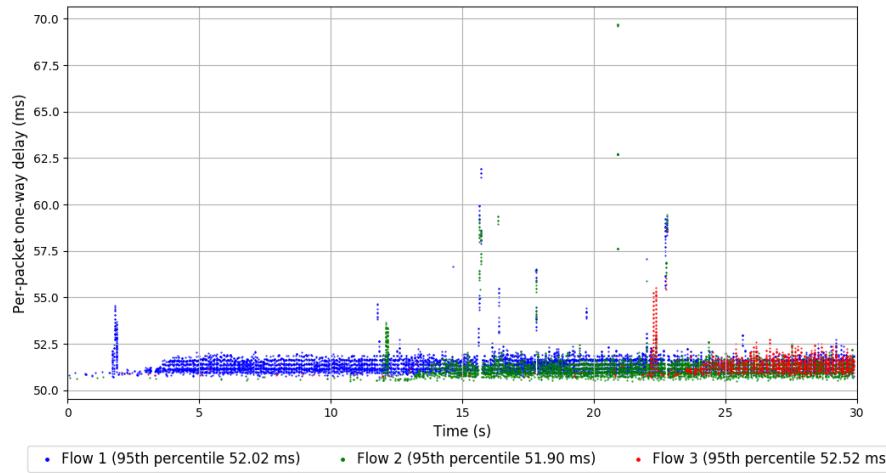
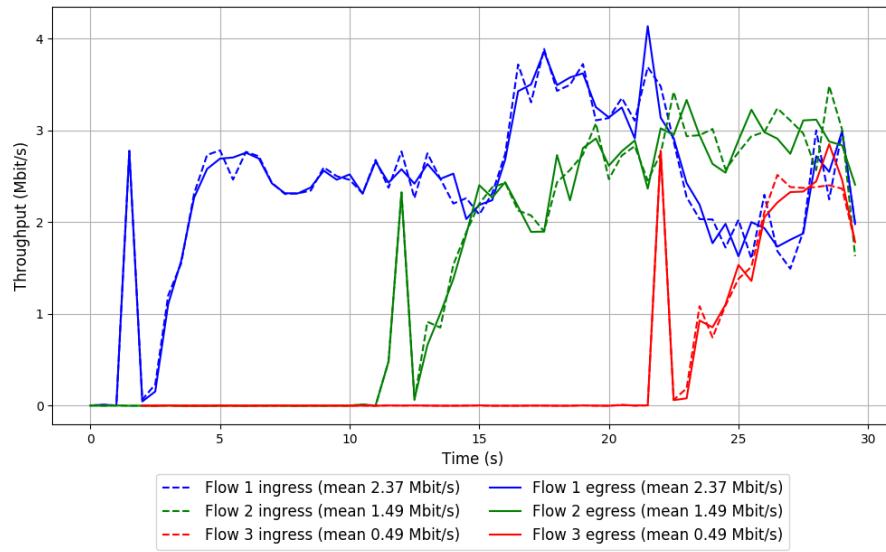


```
Run 5: Statistics of WebRTC media

Start at: Mon, 31 Jul 2017 23:35:30 +0000
End at: Mon, 31 Jul 2017 23:36:00 +0000
Local clock offset: 0.457 ms
Remote clock offset: 1.235 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:52:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.31 Mbit/s
95th percentile per-packet one-way delay: 52.063 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 52.018 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 1.49 Mbit/s
95th percentile per-packet one-way delay: 51.896 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 52.520 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

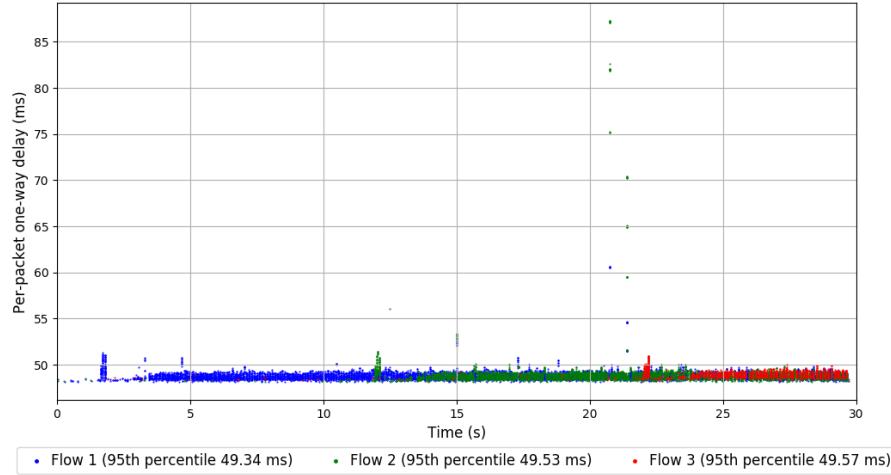
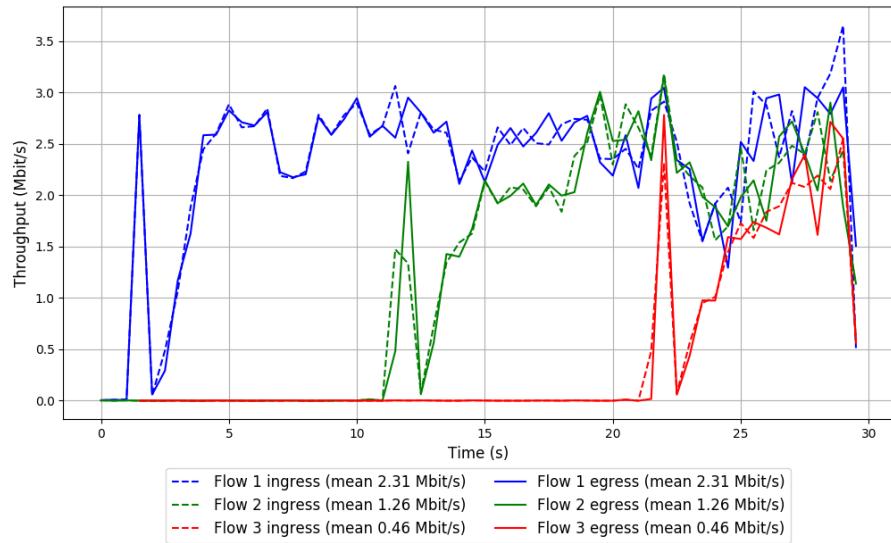


```
Run 6: Statistics of WebRTC media

Start at: Mon, 31 Jul 2017 23:56:24 +0000
End at: Mon, 31 Jul 2017 23:56:54 +0000
Local clock offset: 0.472 ms
Remote clock offset: -1.05 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:52:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.00 Mbit/s
95th percentile per-packet one-way delay: 49.456 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 49.340 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.26 Mbit/s
95th percentile per-packet one-way delay: 49.534 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 49.571 ms
Loss rate: 0.00%
```

Run 6: Report of WebRTC media — Data Link

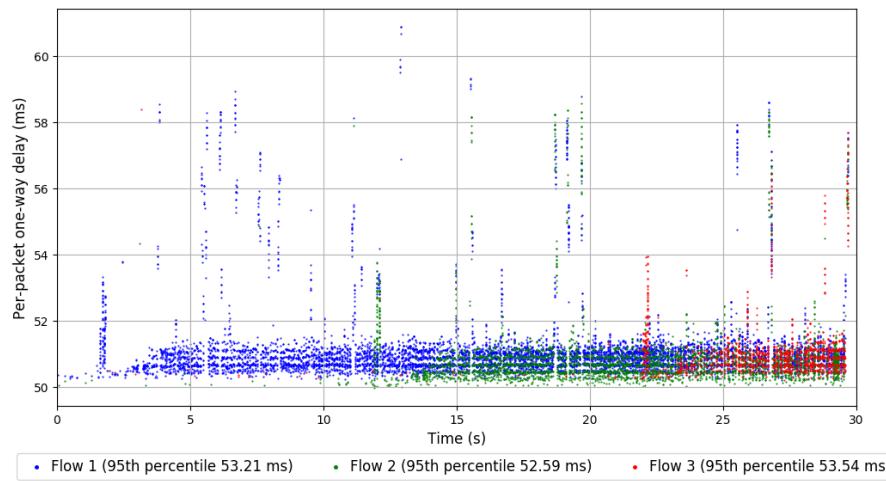
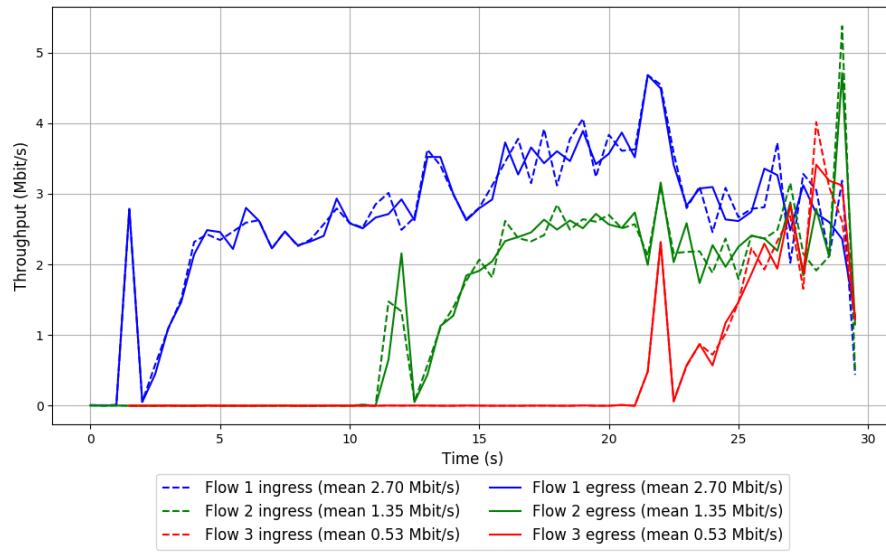


Run 7: Statistics of WebRTC media

```
Start at: Tue, 01 Aug 2017 00:17:54 +0000
End at: Tue, 01 Aug 2017 00:18:24 +0000
Local clock offset: 0.676 ms
Remote clock offset: 0.963 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:52:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.54 Mbit/s
95th percentile per-packet one-way delay: 53.106 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 2.70 Mbit/s
95th percentile per-packet one-way delay: 53.213 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 1.35 Mbit/s
95th percentile per-packet one-way delay: 52.594 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 0.53 Mbit/s
95th percentile per-packet one-way delay: 53.540 ms
Loss rate: 0.00%
```

Run 7: Report of WebRTC media — Data Link

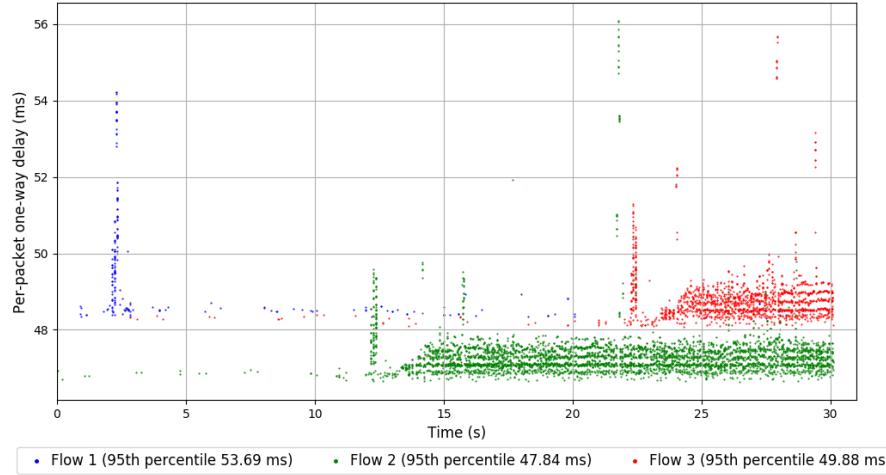
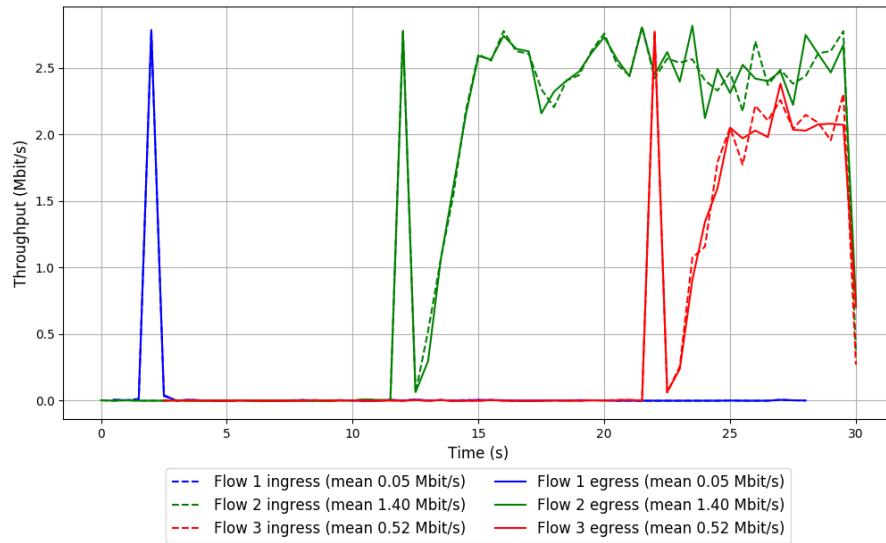


Run 8: Statistics of WebRTC media

```
Start at: Tue, 01 Aug 2017 00:39:06 +0000
End at: Tue, 01 Aug 2017 00:39:36 +0000
Local clock offset: 0.719 ms
Remote clock offset: -1.044 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:52:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.92 Mbit/s
95th percentile per-packet one-way delay: 49.256 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 53.694 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.40 Mbit/s
95th percentile per-packet one-way delay: 47.844 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.52 Mbit/s
95th percentile per-packet one-way delay: 49.882 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

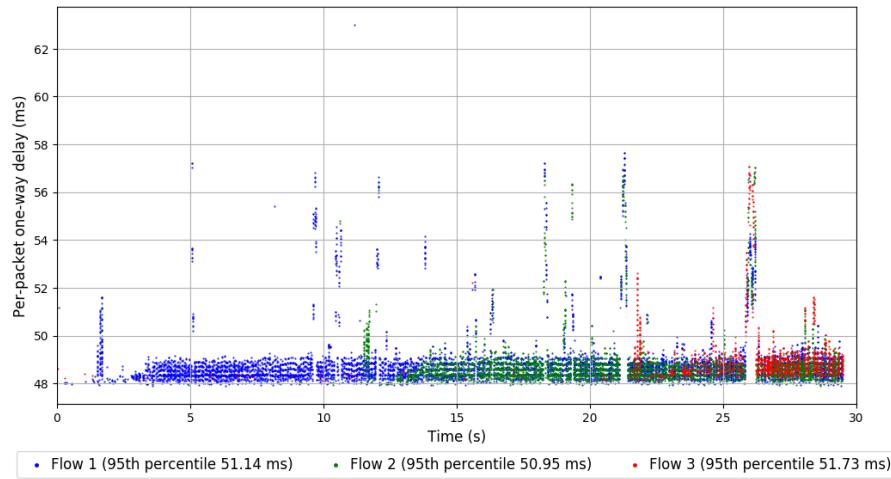
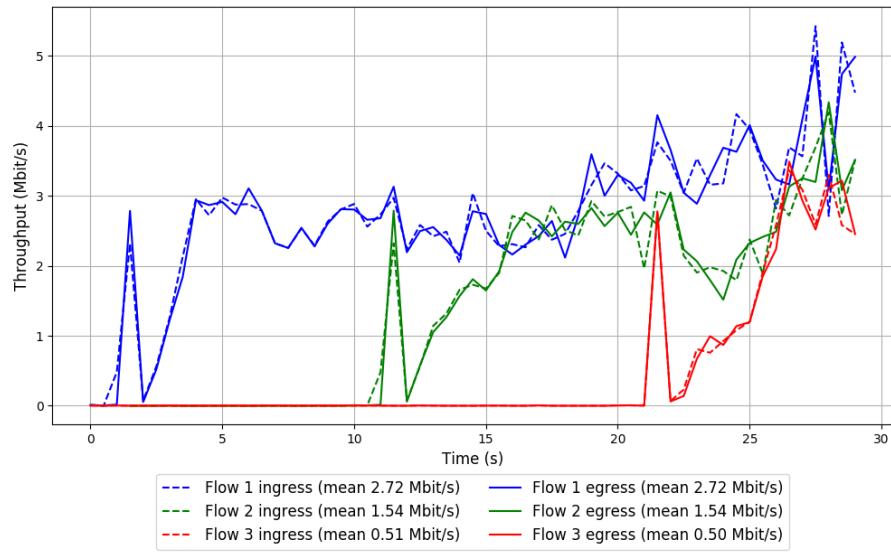


Run 9: Statistics of WebRTC media

```
Start at: Tue, 01 Aug 2017 01:00:03 +0000
End at: Tue, 01 Aug 2017 01:00:33 +0000
Local clock offset: 0.814 ms
Remote clock offset: -1.193 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:52:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.66 Mbit/s
95th percentile per-packet one-way delay: 51.258 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 2.72 Mbit/s
95th percentile per-packet one-way delay: 51.139 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 1.54 Mbit/s
95th percentile per-packet one-way delay: 50.954 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 51.735 ms
Loss rate: 0.20%
```

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

```
Start at: Tue, 01 Aug 2017 01:22:07 +0000
End at: Tue, 01 Aug 2017 01:22:37 +0000
Local clock offset: 0.749 ms
Remote clock offset: -0.985 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:52:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.40 Mbit/s
95th percentile per-packet one-way delay: 50.921 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 2.79 Mbit/s
95th percentile per-packet one-way delay: 51.199 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 1.21 Mbit/s
95th percentile per-packet one-way delay: 50.825 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 50.215 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

